

Cover Page

Order ID : Q3155

Project ID : Tanner G. Duckrey Public School

Client : Kleinfelder

Lab Sample Number

Q3155-01
Q3155-02
Q3155-03
Q3155-04

Client Sample Number

COMP-1
COMP-2
COMP-3
TB

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: 9/26/2025

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 #: Q3155

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: 09/26/2025

LAB CHRONICLE

OrderID:	Q3155	OrderDate:	9/19/2025 1:05:00 PM
Client:	Kleinfelder	Project:	Tanner G. Duckrey Public School
Contact:	Mark Warchol	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-01	COMP-1	SOIL			09/19/25			09/19/25
			PCB Group1	8082A		09/22/25	09/22/25	
			PESTICIDE Group1	8081B		09/22/25	09/22/25	
Q3155-02	COMP-2	SOIL			09/19/25			09/19/25
			PCB Group1	8082A		09/22/25	09/22/25	
			PESTICIDE Group1	8081B		09/22/25	09/22/25	
Q3155-03	COMP-3	SOIL			09/19/25			09/19/25
			PCB Group1	8082A		09/22/25	09/22/25	
			PESTICIDE Group1	8081B		09/22/25	09/23/25	



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Hit Summary Sheet
SW-846

SDG No.: Q3155

Order ID: Q3155

Client: Kleinfelder

Project ID: Tanner G. Duckrey Public School

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

Total Concentration: 0.000



QC SUMMARY

Surrogate Summary

SDG No.: Q3155

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PO113719.D	PIBLK-PO113719.D	Tetrachloro-m-xyl	1	20	17.0	85		60	140
		Decachlorobiphen	1	20	17.3	86		60	140
		Tetrachloro-m-xyl	2	20	17.0	85		60	140
		Decachlorobiphen	2	20	18.1	91		60	140
I.BLK-PO113908.D	PIBLK-PO113908.D	Tetrachloro-m-xyl	1	20	18.0	90		60	140
		Decachlorobiphen	1	20	15.8	79		60	140
		Tetrachloro-m-xyl	2	20	17.5	88		60	140
		Decachlorobiphen	2	20	18.0	90		60	140
Q3155-01	COMP-1	Tetrachloro-m-xyl	1	20	19.0	95		32	144
		Decachlorobiphen	1	20	12.7	64		32	175
		Tetrachloro-m-xyl	2	20	18.3	92		32	144
		Decachlorobiphen	2	20	15.0	75		32	175
Q3155-02	COMP-2	Tetrachloro-m-xyl	1	20	21.6	108		32	144
		Decachlorobiphen	1	20	16.7	83		32	175
		Tetrachloro-m-xyl	2	20	20.1	101		32	144
		Decachlorobiphen	2	20	19.6	98		32	175
Q3155-03	COMP-3	Tetrachloro-m-xyl	1	20	21.4	107		32	144
		Decachlorobiphen	1	20	16.3	82		32	175
		Tetrachloro-m-xyl	2	20	20.1	101		32	144
		Decachlorobiphen	2	20	18.7	94		32	175
I.BLK-PO113923.D	PIBLK-PO113923.D	Tetrachloro-m-xyl	1	20	18.2	91		60	140
		Decachlorobiphen	1	20	16.1	81		60	140
		Tetrachloro-m-xyl	2	20	17.7	88		60	140
		Decachlorobiphen	2	20	18.3	92		60	140
I.BLK-PO113952.D	PIBLK-PO113952.D	Tetrachloro-m-xyl	1	20	18.3	91		60	140
		Decachlorobiphen	1	20	18.2	91		60	140
		Tetrachloro-m-xyl	2	20	17.5	87		60	140
		Decachlorobiphen	2	20	18.9	95		60	140
PB169771BL	PB169771BL	Tetrachloro-m-xyl	1	20	19.7	99		32	144
		Decachlorobiphen	1	20	20.2	101		32	175
		Tetrachloro-m-xyl	2	20	19.1	95		32	144
		Decachlorobiphen	2	20	20.8	104		32	175
PB169771BS	PB169771BS	Tetrachloro-m-xyl	1	20	19.4	97		32	144
		Decachlorobiphen	1	20	20.6	103		32	175
		Tetrachloro-m-xyl	2	20	18.5	93		32	144
		Decachlorobiphen	2	20	21.6	108		32	175
I.BLK-PO113958.D	PIBLK-PO113958.D	Tetrachloro-m-xyl	1	20	18.2	91		60	140
		Decachlorobiphen	1	20	19.0	95		60	140
		Tetrachloro-m-xyl	2	20	17.5	87		60	140
		Decachlorobiphen	2	20	18.9	95		60	140
I.BLK-PQ070788.D	PIBLK-PQ070788.D	Tetrachloro-m-xyl	1	20	17.2	86		60	140

Surrogate Summary

SDG No.: Q3155

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PQ070788.D	PIBLK-PQ070788.D	Decachlorobiphen	1	20	18.9	94		60	140
		Tetrachloro-m-xyl	2	20	17.6	88		60	140
I.BLK-PQ070934.D	PIBLK-PQ070934.D	Decachlorobiphen	2	20	18.5	93		60	140
		Tetrachloro-m-xyl	1	20	16.9	85		60	140
		Decachlorobiphen	1	20	17.6	88		60	140
		Tetrachloro-m-xyl	2	20	15.8	79		60	140
Q3152-01MS	EO-02-091925MS	Decachlorobiphen	2	20	14.9	74		60	140
		Tetrachloro-m-xyl	1	20	14.4	72		32	144
		Decachlorobiphen	1	20	13.3	67		32	175
		Tetrachloro-m-xyl	2	20	12.7	64		32	144
Q3152-01MSD	EO-02-091925MSD	Decachlorobiphen	2	20	9.14	46		32	175
		Tetrachloro-m-xyl	1	20	15.0	75		32	144
		Decachlorobiphen	1	20	12.9	64		32	175
		Tetrachloro-m-xyl	2	20	13.1	66		32	144
I.BLK-PQ070945.D	PIBLK-PQ070945.D	Decachlorobiphen	2	20	8.88	44		32	175
		Tetrachloro-m-xyl	1	20	17.3	86		60	140
		Decachlorobiphen	1	20	16.0	80		60	140
		Tetrachloro-m-xyl	2	20	15.4	77		60	140
		Decachlorobiphen	2	20	12.7	64		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Kleinfelder</u>	DataFile :	<u>PQ070942.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3152-01MS	Client Sample ID:		EO-02-091925MS							
(Column 1)											
AR1016	180.3	0	177	ug/kg	98				55	146	
AR1260	180.3	0	138	ug/kg	77				54	119	
Lab Sample ID:	Q3152-01MS	Client Sample ID:		EO-02-091925MS							
(Column 2)											
AR1016	180.3	0	152	ug/kg	84				55	146	
AR1260	180.3	0	115	ug/kg	64				54	119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Kleinfelder</u>	DataFile :	<u>PQ070943.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3152-01MSD	Client Sample ID:	EO-02-091925MSD								
(Column 1)											
AR1016	180.3	0	187	ug/kg	104		6		55	146	15
AR1260	180.3	0	134	ug/kg	74		4		54	119	15
Lab Sample ID:	Q3152-01MSD	Client Sample ID:	EO-02-091925MSD								
(Column 2)											
AR1016	180.3	0	156	ug/kg	87		4		55	146	15
AR1260	180.3	0	115	ug/kg	64		0		54	119	15



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>PO113954.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB169771BS (Column 1)	AR1016	166.5	156	ug/kg	94				71	120	
	AR1260	166.5	163	ug/kg	98				65	130	
PB169771BS (Column 2)	AR1016	166.5	146	ug/kg	88				71	120	
	AR1260	166.5	139	ug/kg	83				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169771BL

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab Sample ID: PB169771BL

Lab File ID: PO113953.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/22/2025

Date Analyzed (1): 09/23/2025

Date Analyzed (2): 09/23/2025

Time Analyzed (1): 07:24

Time Analyzed (2): 07:24

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
COMP-1	Q3155-01	PO113915.D	09/22/2025	09/22/2025
COMP-2	Q3155-02	PO113916.D	09/22/2025	09/22/2025
COMP-3	Q3155-03	PO113917.D	09/22/2025	09/22/2025
PB169771BS	PB169771BS	PO113954.D	09/23/2025	09/23/2025
EO-02-091925MS	Q3152-01MS	PQ070942.D	09/22/2025	09/22/2025
EO-02-091925MSD	Q3152-01MSD	PQ070943.D	09/22/2025	09/22/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.8
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113915.D	1	09/22/25 08:40	09/22/25 16:11	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.4	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.4	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.0		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.0		32 - 175	75%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
Data File : PO113915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 16:11
Operator : YP/AJ
Sample : Q3155-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
COMP-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:41:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	167.2E6	97738584	18.963	18.300
2) SA Decachlor...	8.669	8.612	85165970	31371202	12.730	15.026

Target Compounds

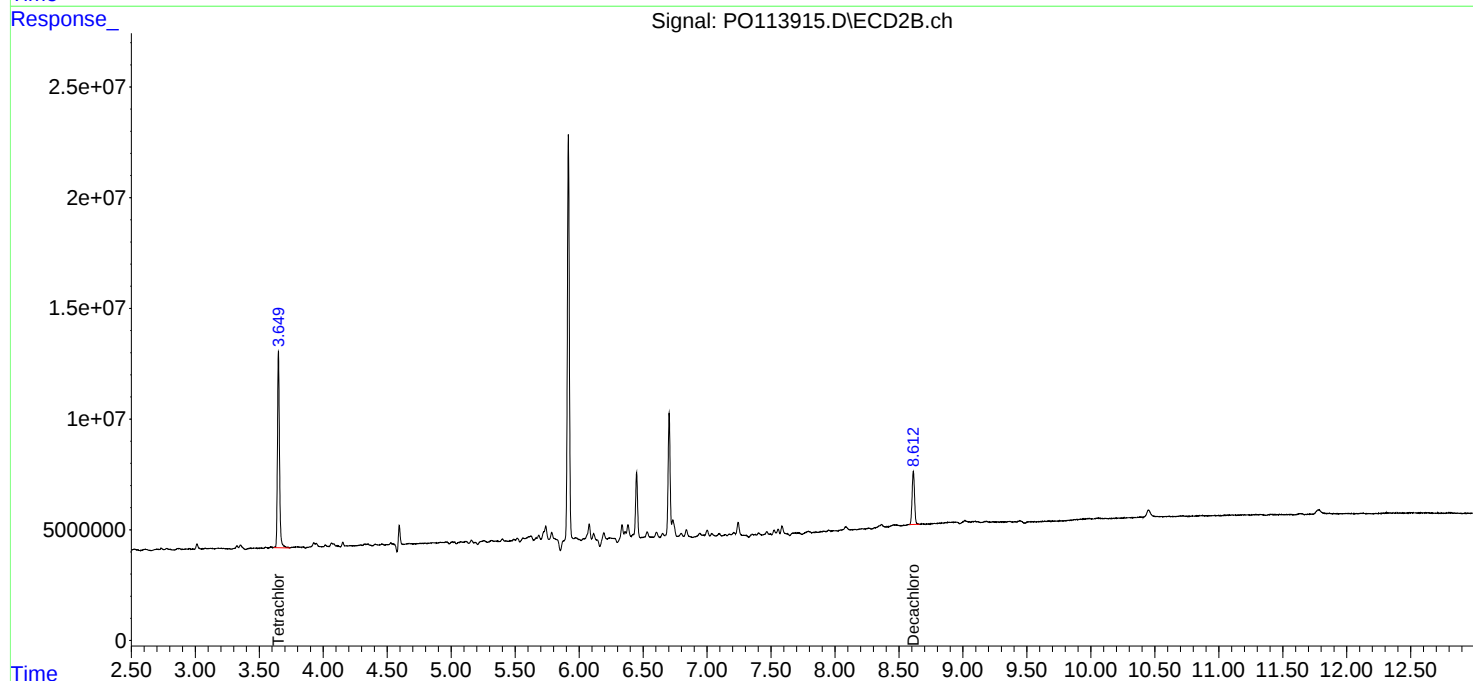
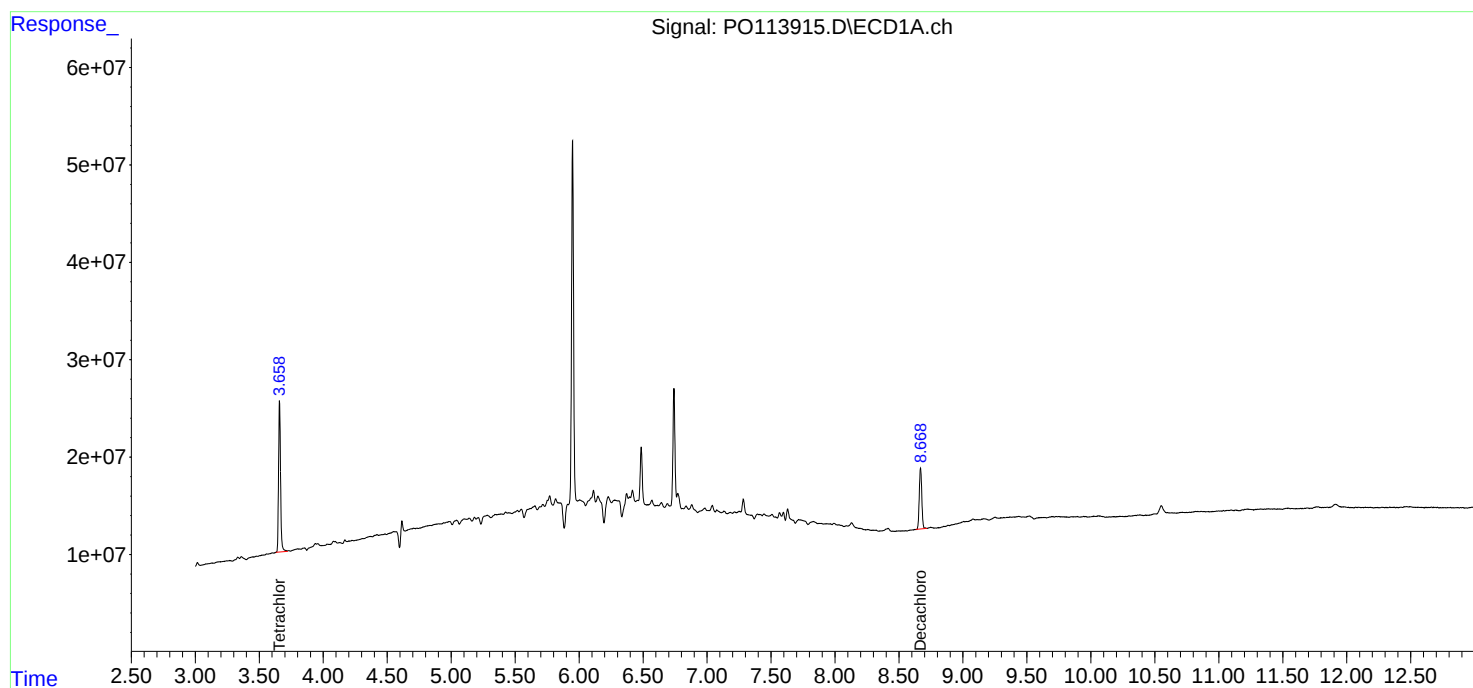
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

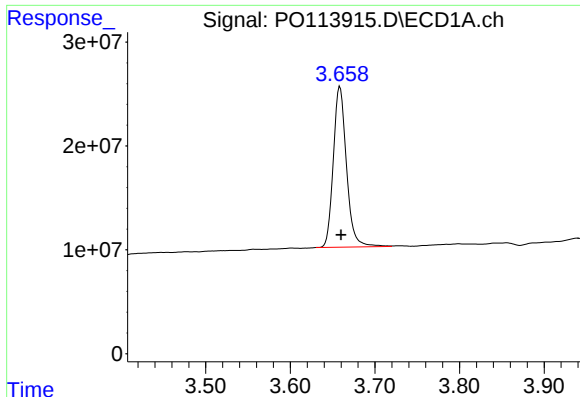
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092225\
Data File : PO113915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 16:11
Operator : YP/AJ
Sample : Q3155-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
COMP-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:41:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

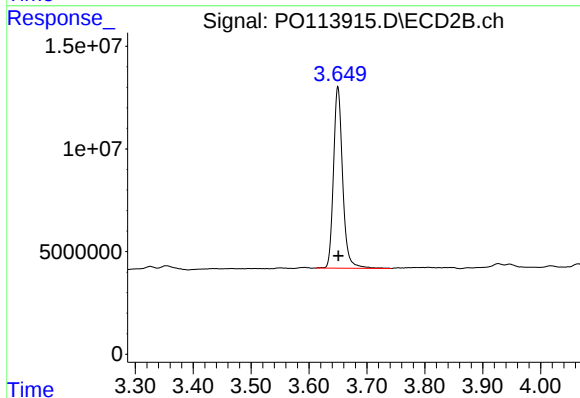




#1 Tetrachloro-m-xylene

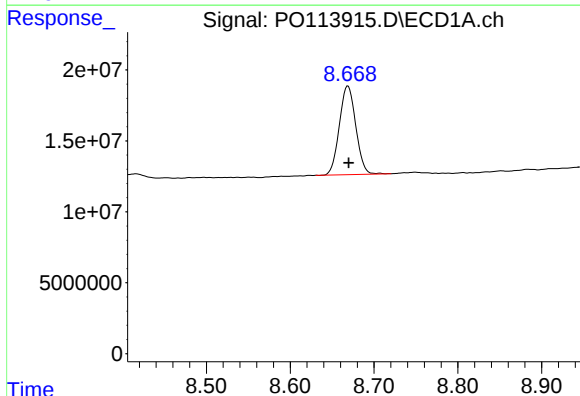
R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 167245835
Conc: 18.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-1



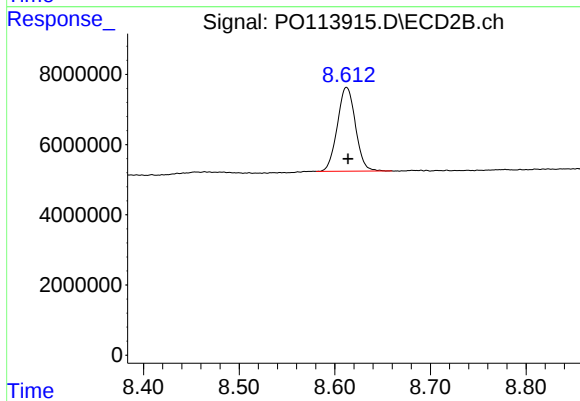
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: -0.001 min
Response: 97738584
Conc: 18.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 85165970
Conc: 12.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.612 min
Delta R.T.: -0.002 min
Response: 31371202
Conc: 15.03 ng/ml

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113916.D	1	09/22/25 08:40	09/22/25 16:29	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.6	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.6	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		32 - 175	98%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
Data File : PO113916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 16:29
Operator : YP/AJ
Sample : Q3155-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
COMP-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:41:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	191.0E6	107.3E6	21.654	20.097
2) SA Decachlor...	8.668	8.612	111.5E6	40978264	16.671	19.628

Target Compounds

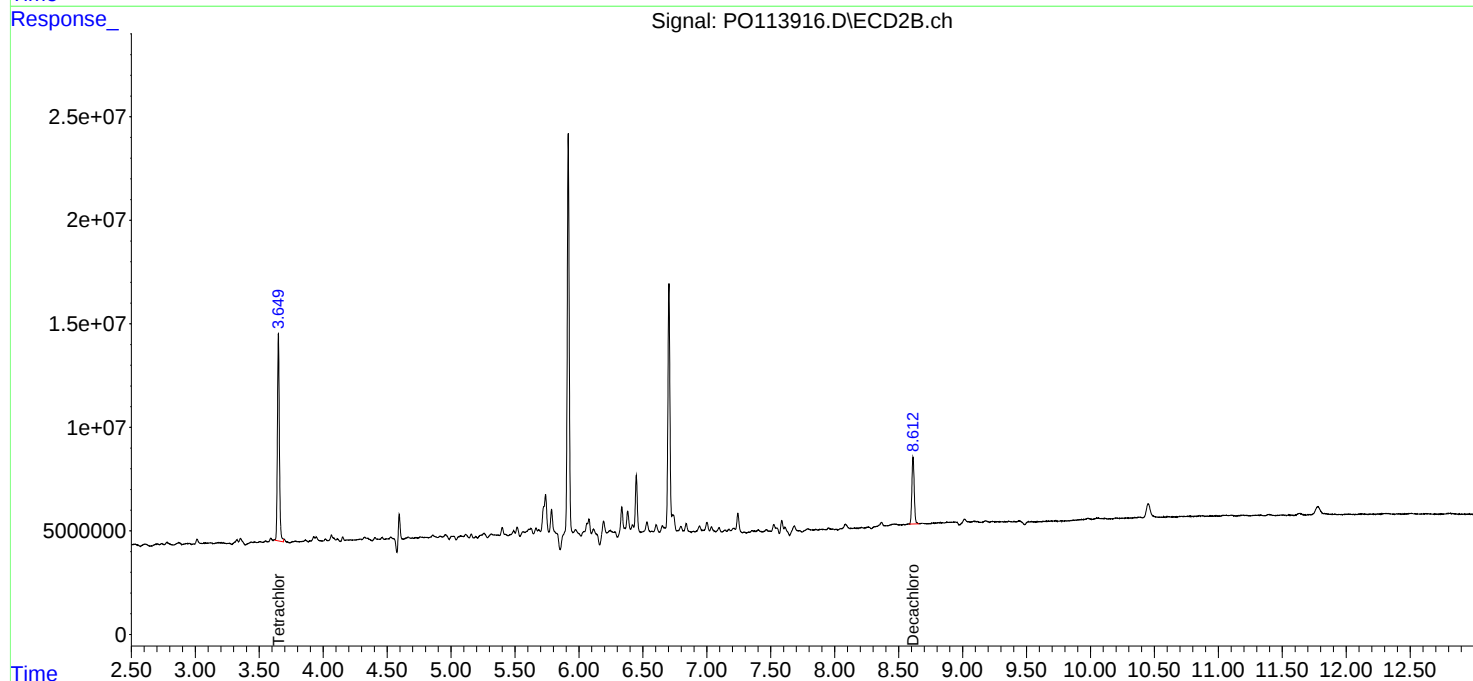
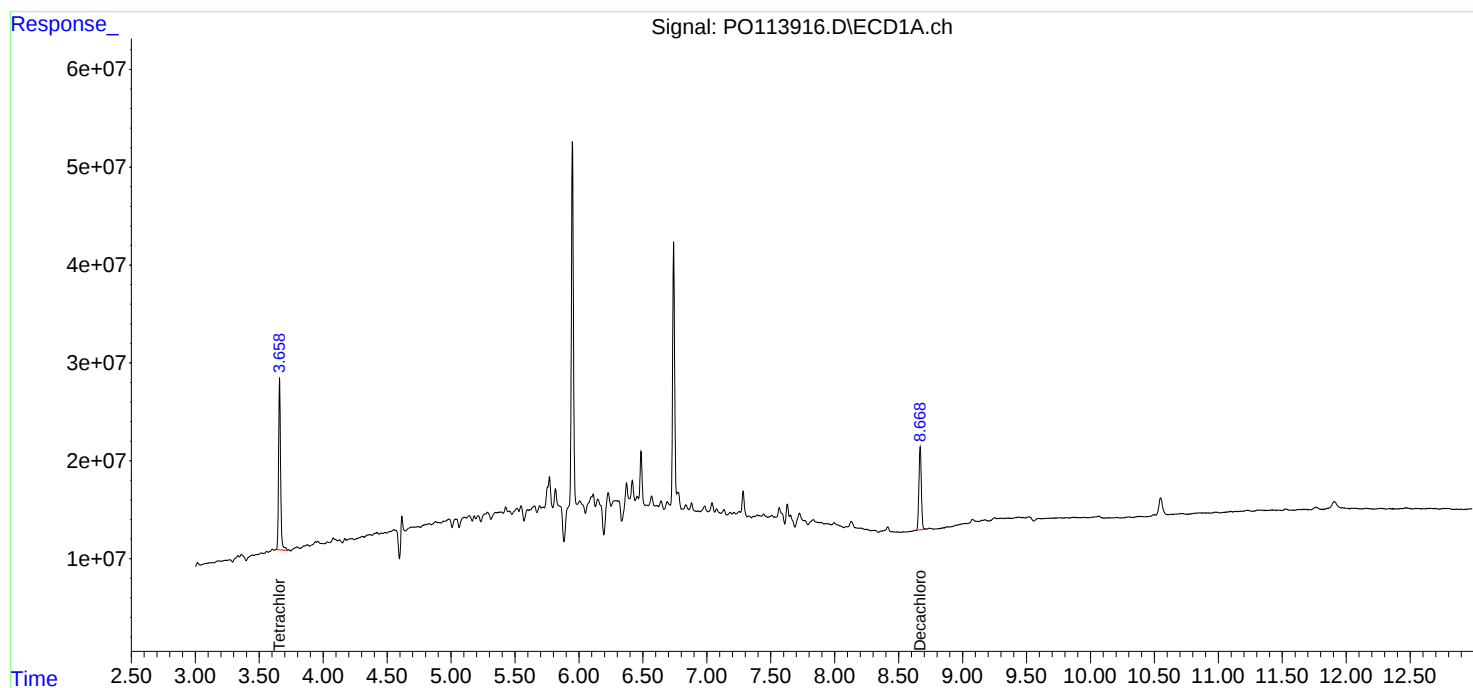
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

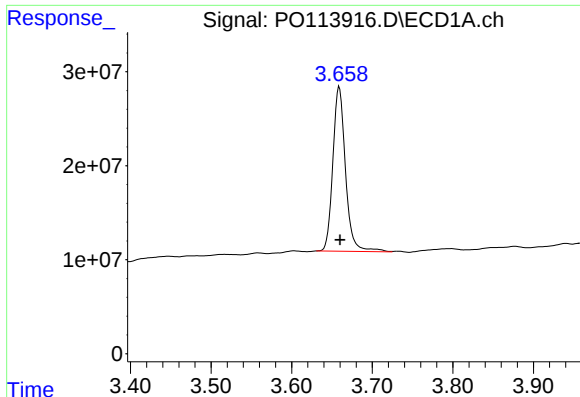
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092225\
Data File : PO113916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 16:29
Operator : YP/AJ
Sample : Q3155-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
COMP-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:41:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

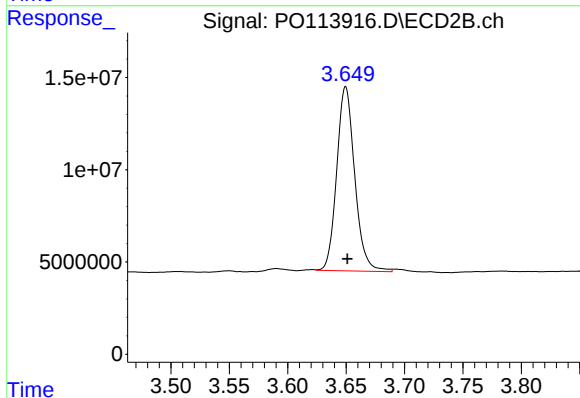




#1 Tetrachloro-m-xylene

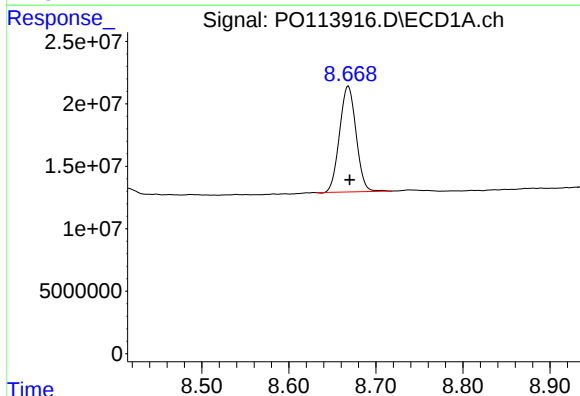
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 190981690
Conc: 21.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-2



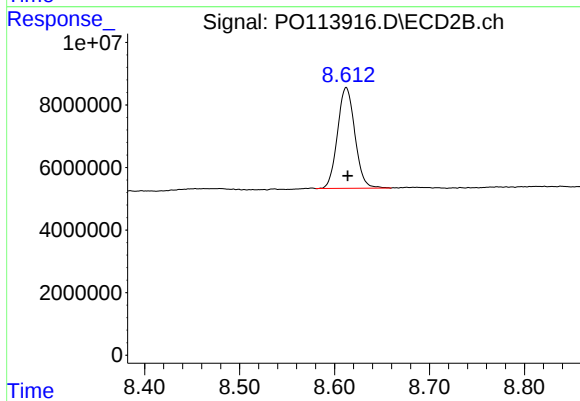
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: -0.001 min
Response: 107337724
Conc: 20.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.668 min
Delta R.T.: -0.002 min
Response: 111536170
Conc: 16.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.612 min
Delta R.T.: -0.002 min
Response: 40978264
Conc: 19.63 ng/ml

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113917.D	1	09/22/25 08:40	09/22/25 16:48	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.5	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.5	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		32 - 144	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		32 - 175	94%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
 Data File : PO113917.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 16:48
 Operator : YP/AJ
 Sample : Q3155-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 COMP-3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/23/2025
 Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:42:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:49:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	188.7E6	107.5E6	21.397	20.134
2) SA Decachlor...	8.669	8.612	109.2E6	39085020	16.315m	18.721

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO092225\
Data File : PO113917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 16:48
Operator : YP/AJ
Sample : Q3155-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

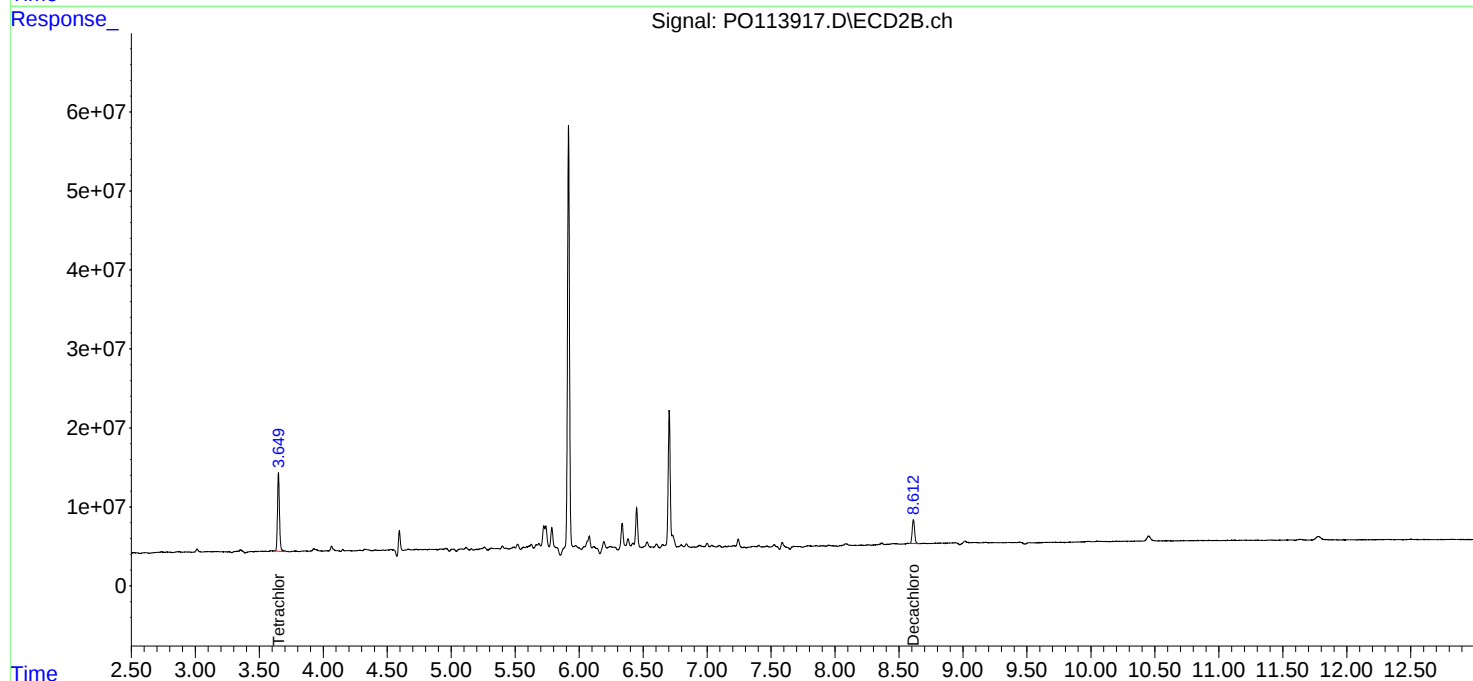
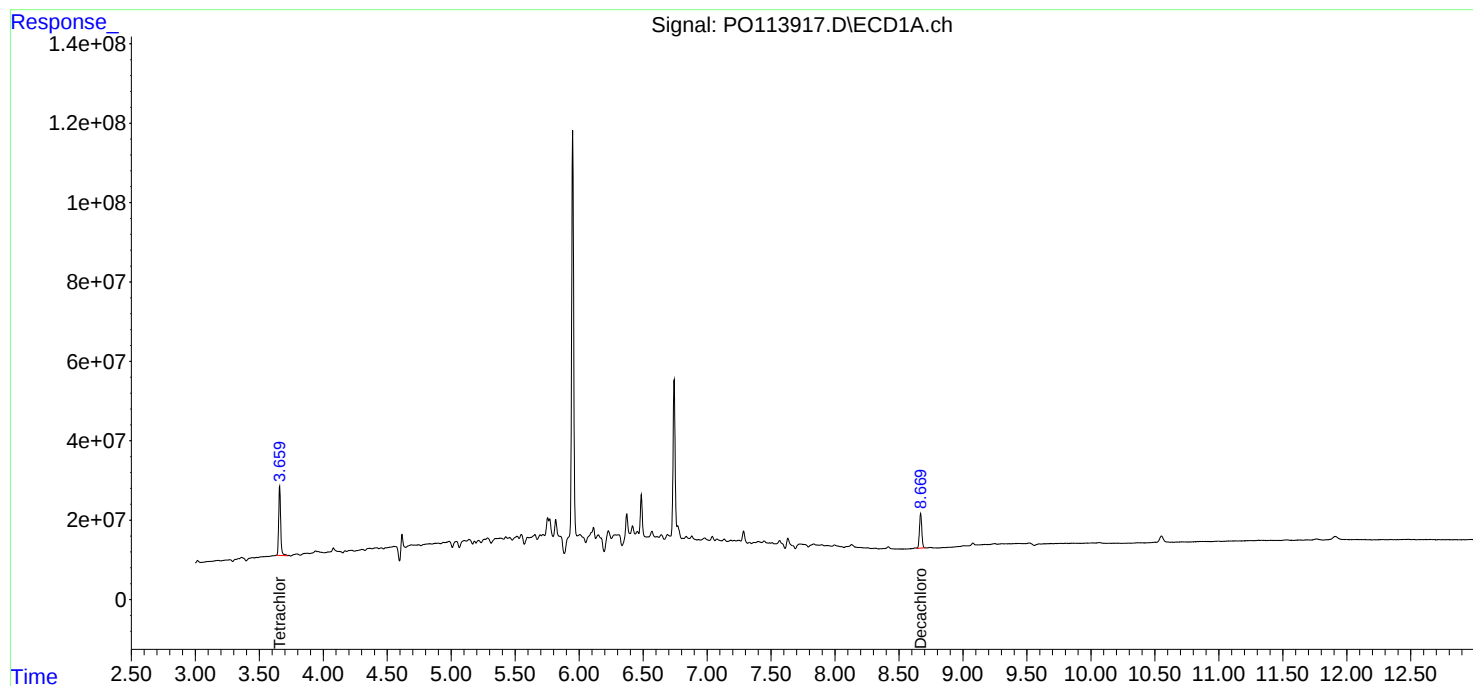
Instrument :
ECD_0
ClientSampleId :
COMP-3

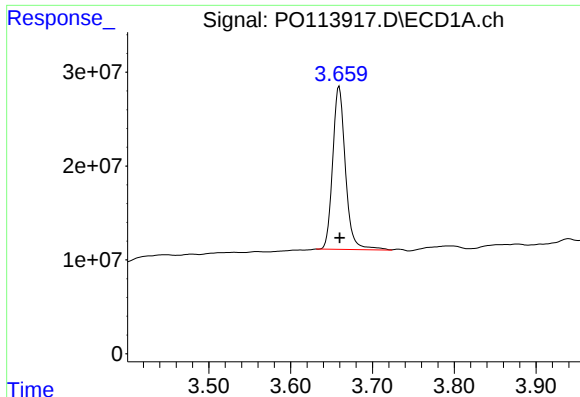
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/23/2025
Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:42:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





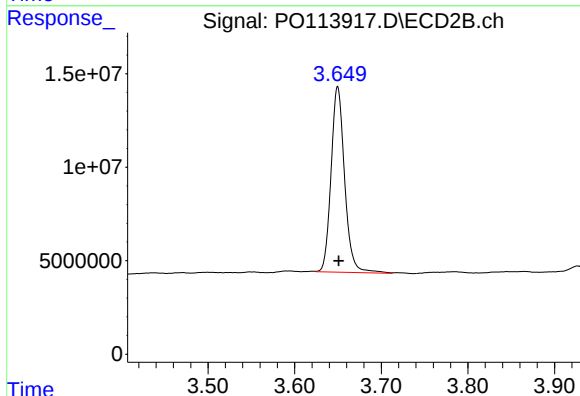
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 188712849
Conc: 21.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-3

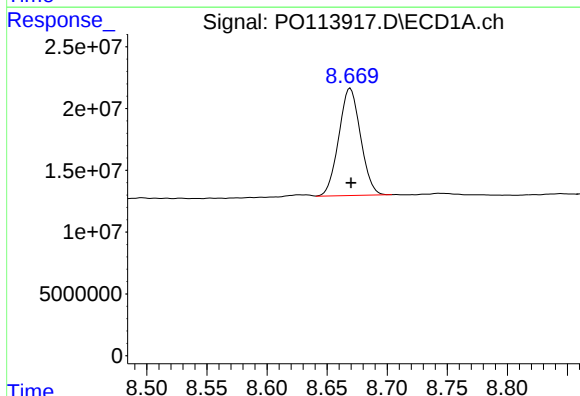
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/23/2025
Supervised By :mohammad ahmed 09/24/2025



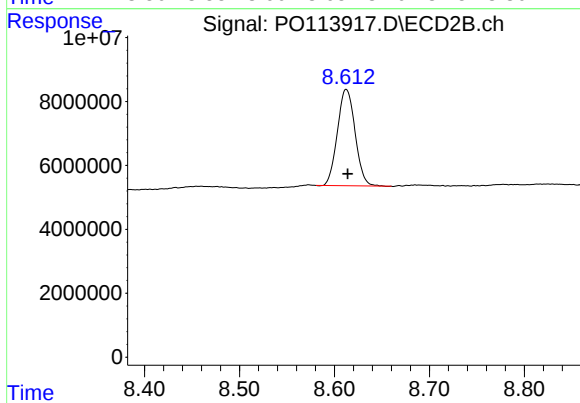
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: -0.001 min
Response: 107533912
Conc: 20.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: -0.001 min
Response: 109150613
Conc: 16.31 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.612 min
Delta R.T.: -0.001 min
Response: 39085020
Conc: 18.72 ng/ml



CALIBRATION SUMMARY

Calibration Times: 09:34 19:21

LAB FILE ID: RT 1000 = PO113720.D RT 750 = PO113721.D
RT 500 = PO113722.D RT 250 = PO113723.D RT 050 = PO113724.D

[illegible]

Calibration Times: 09:34 19:21

LAB FILE ID: RT 1000 = PO113720.D RT 750 = PO113721.D
RT 500 = PO113722.D RT 250 = PO113723.D RT 050 = PO113724.D

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: POWE02
SDG NO.: Q3155

Calibration Date(s): 09/15/2025 09/15/2025
Calibration Times: 09:34 19:21

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

LAB FILE ID:		CF 1000 =	PO113720.D	CF 750 =	PO113721.D			
CF 500 =		PO113722.D	CF 250 =	PO113723.D	CF 050 =	PO113724.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	279831097	287472752	292257338	332268632	325738980	303513760	8
Aroclor-1016-2	(2)	419615441	429789385	439630440	492863176	493423100	455064308	8
Aroclor-1016-3	(3)	264606829	274358713	282734982	335166652	339181720	299209779	12
Aroclor-1016-4	(4)	220679515	227430096	236573942	251207960	266000940	240378491	8
Aroclor-1016-5	(5)	221161183	229729939	240498310	258108880	251005100	240100682	6
Aroclor-1260-1	(1)	451552761	471491176	474059886	507788164	546116300	490201657	8
Aroclor-1260-2	(2)	696304563	729550533	748950352	813407288	840985420	765839631	8
Aroclor-1260-3	(3)	574976216	607269133	635434940	723540836	822837840	672811793	15
Aroclor-1260-4	(4)	393925161	402138616	416474848	460301232	490840000	432735971	10
Aroclor-1260-5	(5)	1123652016	1096405636	1111782554	1193531308	1138663840	1132807071	3
Decachlorobiphenyl		6329905650	6344624080	6521704980	7067879800	7187292000	6690281302	6
Tetrachloro-m-xylene		8408389270	8593125013	8709615100	9391670440	8995637600	8819687485	4
Decachlorobiphenyl		6625063440	6674671280	6788602460	7173491920	4387615000	6329888820	17
Tetrachloro-m-xylene		8568753780	8503816840	8003156340	9089751000	5283727200	7889841032	19
Decachlorobiphenyl		6906923760	6991953907	7181732520	7612820120	5681727800	6875031621	10
Tetrachloro-m-xylene		8281619260	8465620507	8425382600	8733430400	6417874600	8064785473	12
Aroclor-1254-1	(1)	525265407	536188556	564134008	621264868	479241140	545218796	10
Aroclor-1254-2	(2)	478176368	488478569	519631638	583021712	472883720	508438401	9
Aroclor-1254-3	(3)	746637997	760372989	800603668	890308500	712603920	782105415	9
Aroclor-1254-4	(4)	554979056	565283144	587994066	646517864	379494280	546853682	18
Aroclor-1254-5	(5)	718134746	733343003	760419284	795296128	714490520	744336736	5
Decachlorobiphenyl		7203849800	7364098027	7605167340	8057726000	6076737800	7261515793	10
Tetrachloro-m-xylene		8326407670	8484622733	8619663240	9079782920	6520976600	8206290633	12
Decachlorobiphenyl		13813421760	13413455987	13885344600	15047923920	11999959200	13632021093	8
Tetrachloro-m-xylene		8650489570	8416864440	8733056840	9508670200	6744065200	8410629250	12



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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: POWE02
SDG NO.: Q3155

Calibration Date(s): 09/15/2025 09/15/2025
Calibration Times: 09:34 19:21

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

LAB FILE ID:		CF 1000 = <u>PO113720.D</u>		CF 750 = <u>PO113721.D</u>			
CF 500 = <u>PO113722.D</u>		CF 250 = <u>PO113723.D</u>		CF 050 = <u>PO113724.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	161194959	167555515	172213236	197943584	212300180	12
Aroclor-1016-2	(2)	247660649	254215127	266109690	295452504	320788840	11
Aroclor-1016-3	(3)	132478875	137775607	144079418	158682380	173701980	11
Aroclor-1016-4	(4)	104213080	109199812	115770016	129547460	144816260	14
Aroclor-1016-5	(5)	131110272	137976827	144614834	165292304	171336360	12
Aroclor-1260-1	(1)	220737147	228186052	237294134	270069216	300160800	13
Aroclor-1260-2	(2)	290821079	295868247	313059866	353160924	400129960	14
Aroclor-1260-3	(3)	243248258	249887552	265854760	308918420	333877760	14
Aroclor-1260-4	(4)	166358067	173783024	182499490	209711196	223704380	13
Aroclor-1260-5	(5)	376721298	381888356	400424476	450051720	519309860	14
Decachlorobiphenyl		1971088000	1990798747	2046674720	2250657920	2179534400	6
Tetrachloro-m-xylene		5023699930	5127536973	5213659900	5649531080	5690644400	6
Decachlorobiphenyl		2013236400	2036818507	2055399480	2187990440	1370225400	17
Tetrachloro-m-xylene		5081963720	5070567053	4816444880	5487100000	3160127800	19
Decachlorobiphenyl		2031704490	2074468760	2119835620	2240995600	1660075400	11
Tetrachloro-m-xylene		4917523020	5005006120	5026178760	5438510280	4106940200	10
Aroclor-1254-1	(1)	279563251	289274152	304362018	339134132	299656300	7
Aroclor-1254-2	(2)	241241488	250685427	264723600	295034360	268710580	8
Aroclor-1254-3	(3)	370644030	380249351	395058822	433239944	357396100	8
Aroclor-1254-4	(4)	235623256	242545119	253069482	278102248	177620780	16
Aroclor-1254-5	(5)	290238808	298084172	311869266	340236600	294431680	7
Decachlorobiphenyl		2023494990	2074021307	2154035320	2293253640	1745979000	10
Tetrachloro-m-xylene		4906596160	4990801373	5101889120	5432554640	4242824600	9
Decachlorobiphenyl		3812230710	3735660987	3912512580	4347451840	3518286000	8
Tetrachloro-m-xylene		5092073170	4970547720	5151696080	5694720080	4205757800	11



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q3155

Instrument ID: _____ Date(s) Analyzed: _____

GC Column: _____ ID: _____ (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
		1				
		2				
		3				
		4				
		5				

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 09:34
 Operator : YP/AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 11:09:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 11:05:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.651	840.8E6	502.4E6	98.240	98.144
2) SA Decachlor...	8.670	8.614	633.0E6	197.1E6	98.508	98.119
Target Compounds						
3) L1 AR-1016-1	4.742	4.723	279.8E6	161.2E6	978.279	966.953
4) L1 AR-1016-2	4.760	4.740	419.6E6	247.7E6	976.706	964.091
5) L1 AR-1016-3	4.818	4.915	264.6E6	132.5E6	966.880	958.054
6) L1 AR-1016-4	4.937	4.958	220.7E6	104.2E6	965.239	947.464
7) L1 AR-1016-5	5.193	5.170	221.2E6	131.1E6	958.114	951.022
31) L7 AR-1260-1	6.228	6.196	451.6E6	220.7E6	975.684	963.852
32) L7 AR-1260-2	6.418	6.384	696.3E6	290.8E6	963.573	963.174
33) L7 AR-1260-3	6.783	6.535	575.0E6	243.2E6	950.051	955.595
34) L7 AR-1260-4	7.041	7.003	393.9E6	166.4E6	972.175	953.731
35) L7 AR-1260-5	7.285	7.246	1123.7E6	376.7E6	1005.310	969.500

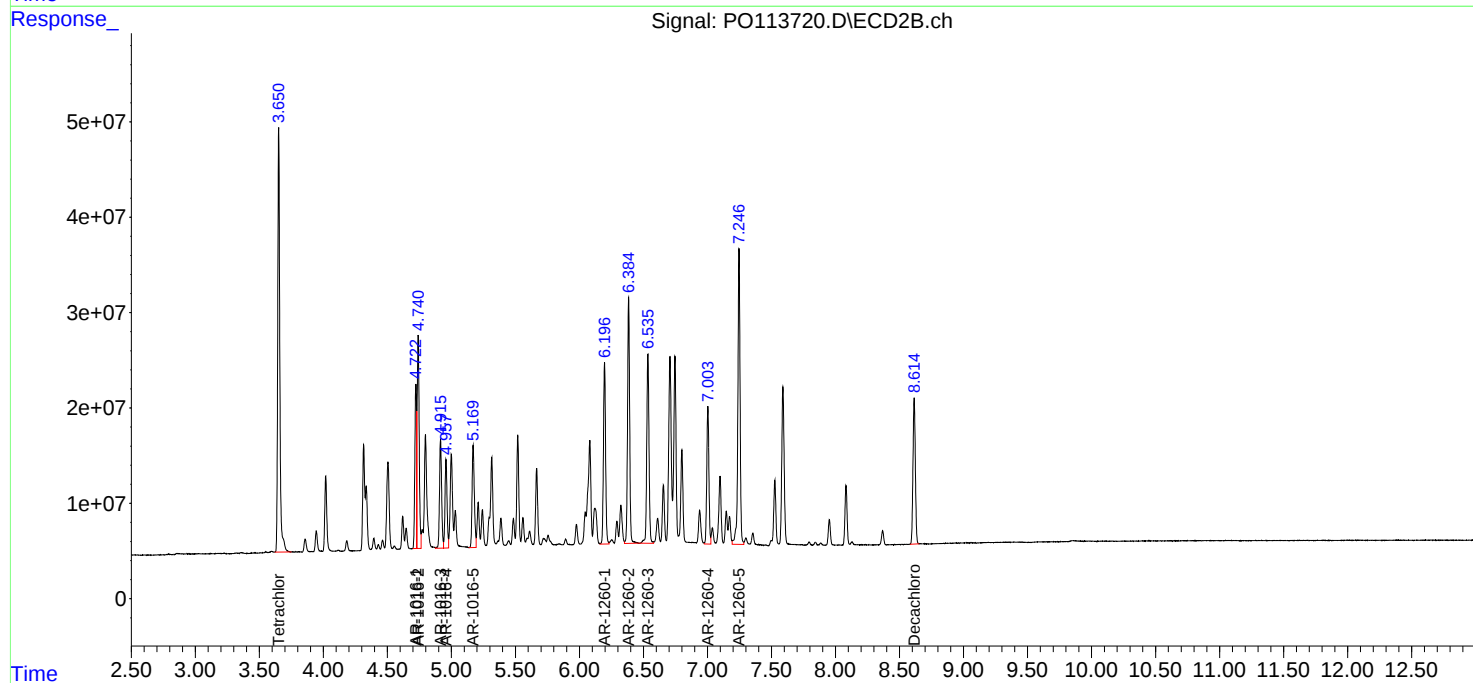
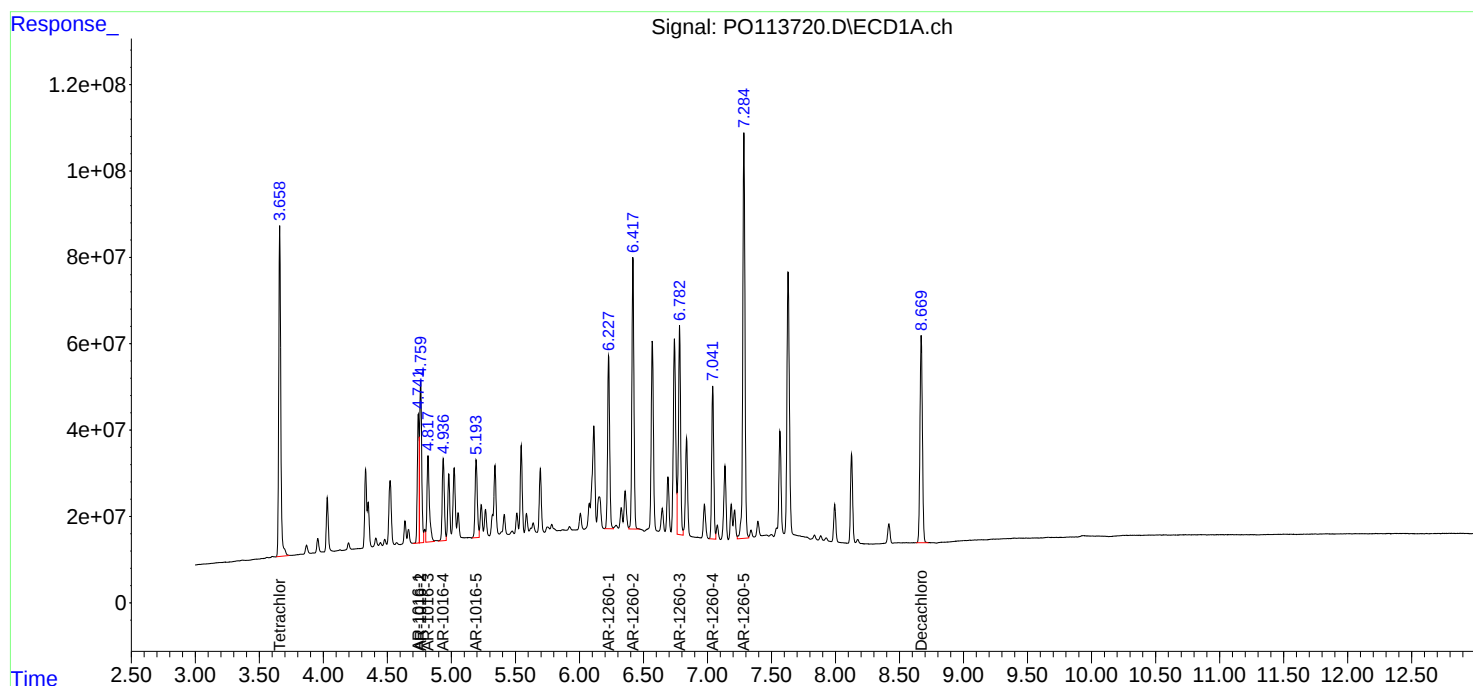
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113720.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 09:34
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:09:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 09:53
 Operator : YP/AJ
 Sample : AR1660ICC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 11:11:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 11:05:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.660	3.651	644.5E6	384.6E6	75.199	75.086
2)	SA Decachlor...	8.670	8.615	475.8E6	149.3E6	74.366	74.549
Target Compounds							
3)	L1 AR-1016-1	4.743	4.723	215.6E6	125.7E6	752.493	752.549
4)	L1 AR-1016-2	4.761	4.740	322.3E6	190.7E6	750.194	744.785
5)	L1 AR-1016-3	4.818	4.915	205.8E6	103.3E6	751.256	748.177
6)	L1 AR-1016-4	4.937	4.958	170.6E6	81899859	747.378	746.392
7)	L1 AR-1016-5	5.193	5.170	172.3E6	103.5E6	747.614	750.414
31)	L7 AR-1260-1	6.229	6.196	353.6E6	171.1E6	759.324	748.187
32)	L7 AR-1260-2	6.418	6.384	547.2E6	221.9E6	754.775	739.877
33)	L7 AR-1260-3	6.783	6.535	455.5E6	187.4E6	751.703	740.783
34)	L7 AR-1260-4	7.042	7.003	301.6E6	130.3E6	746.213	748.147
35)	L7 AR-1260-5	7.286	7.246	822.3E6	286.4E6	740.405	741.349

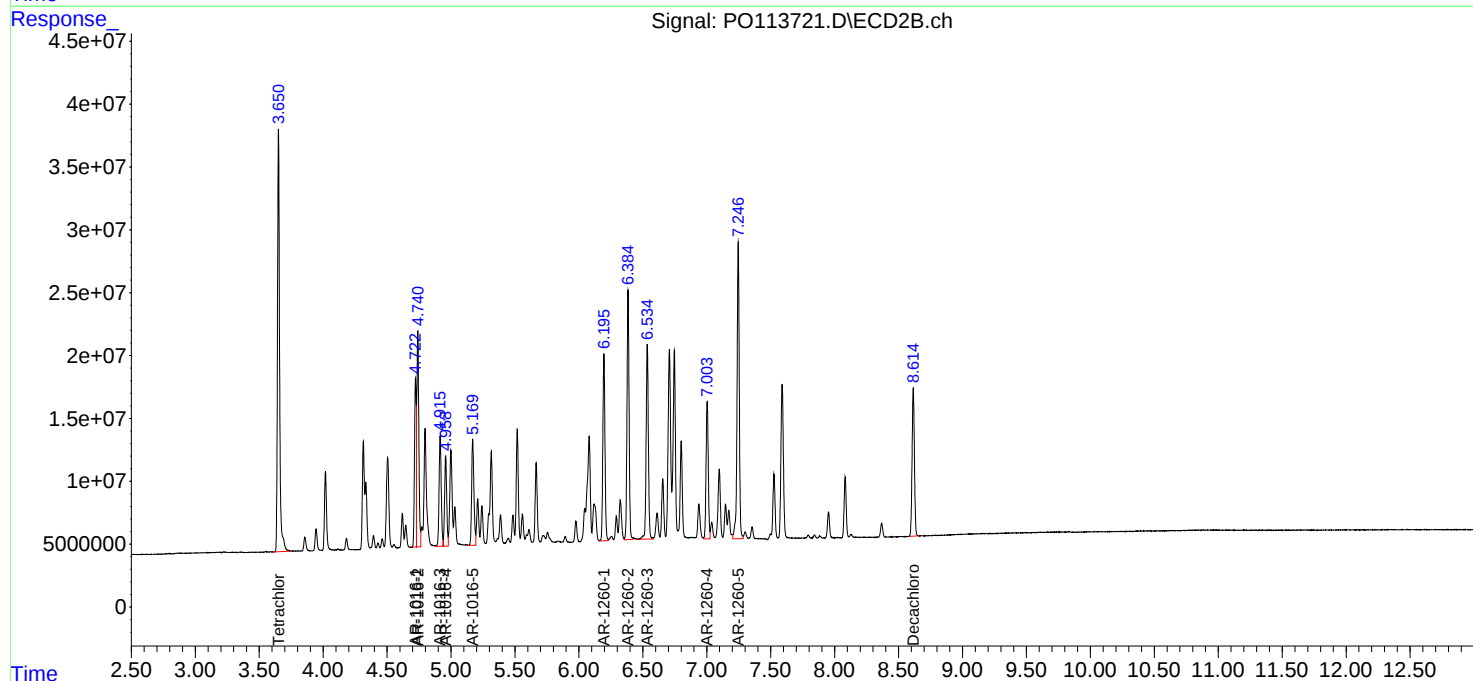
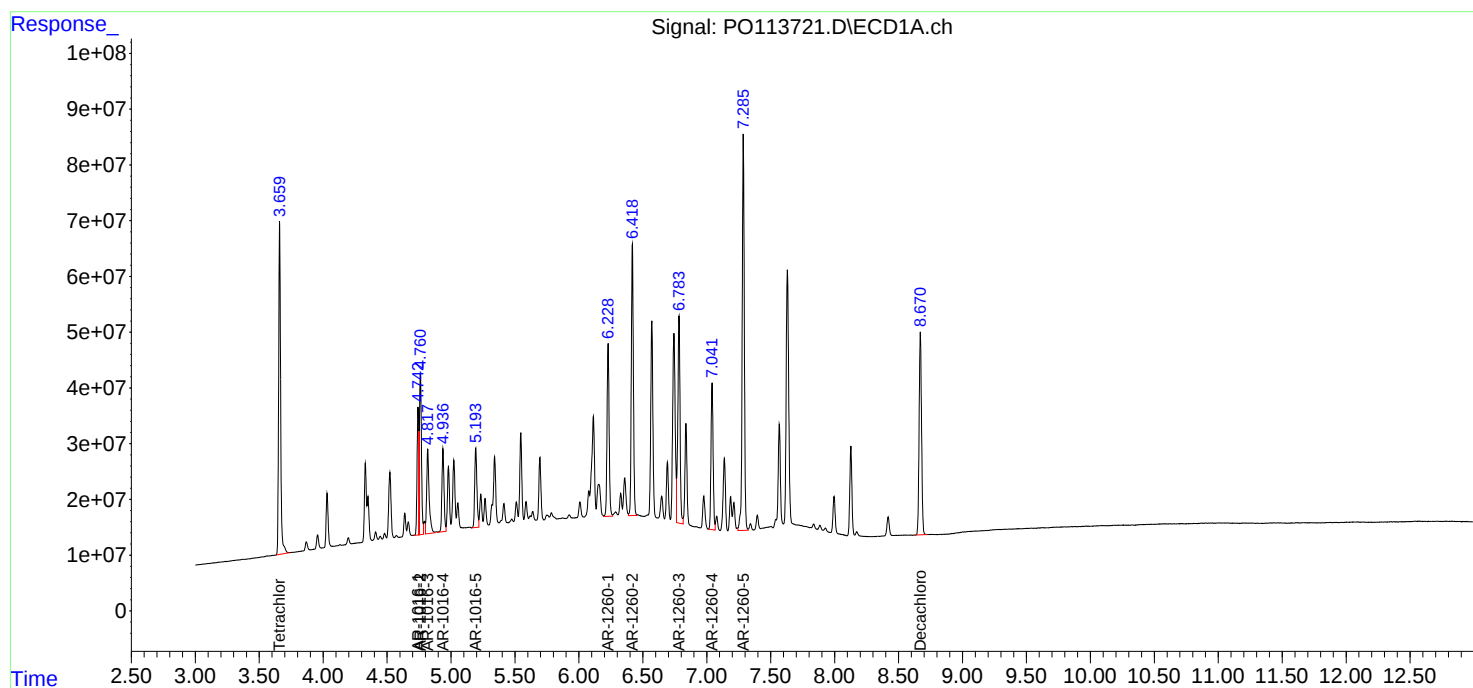
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113721.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 09:53
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:11:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113722.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 10:11
 Operator : YP/AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 11:05:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 11:05:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.660	3.651	435.5E6	260.7E6	50.000	50.000
2) SA Decachlor...	8.670	8.614	326.1E6	102.3E6	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	4.743	4.723	146.1E6	86106618	500.000	500.000
4) L1 AR-1016-2	4.761	4.741	219.8E6	133.1E6	500.000	500.000
5) L1 AR-1016-3	4.818	4.916	141.4E6	72039709	500.000	500.000
6) L1 AR-1016-4	4.937	4.958	118.3E6	57885008	500.000	500.000
7) L1 AR-1016-5	5.193	5.170	120.2E6	72307417	500.000	500.000
31) L7 AR-1260-1	6.229	6.196	237.0E6	118.6E6	500.000	500.000
32) L7 AR-1260-2	6.419	6.384	374.5E6	156.5E6	500.000	500.000
33) L7 AR-1260-3	6.783	6.535	317.7E6	132.9E6	500.000	500.000
34) L7 AR-1260-4	7.041	7.003	208.2E6	91249745	500.000	500.000
35) L7 AR-1260-5	7.285	7.246	555.9E6	200.2E6	500.000	500.000

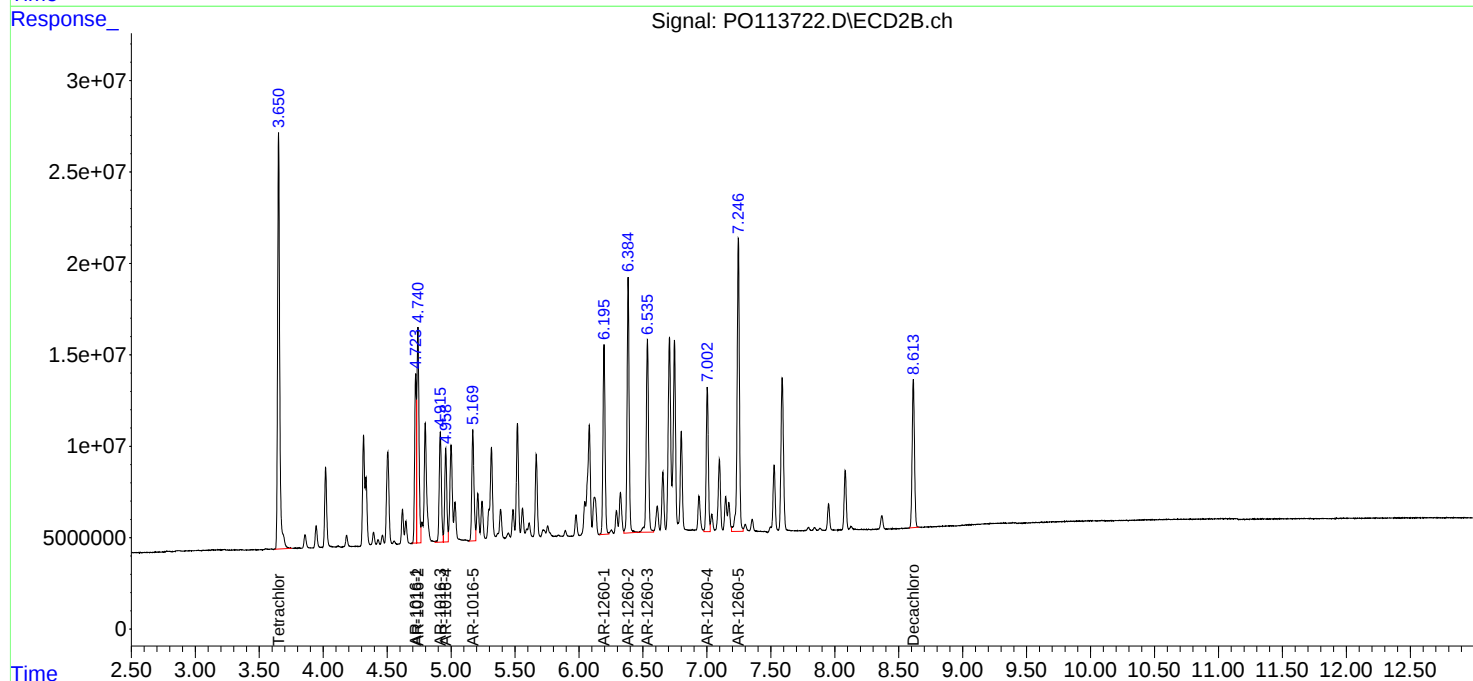
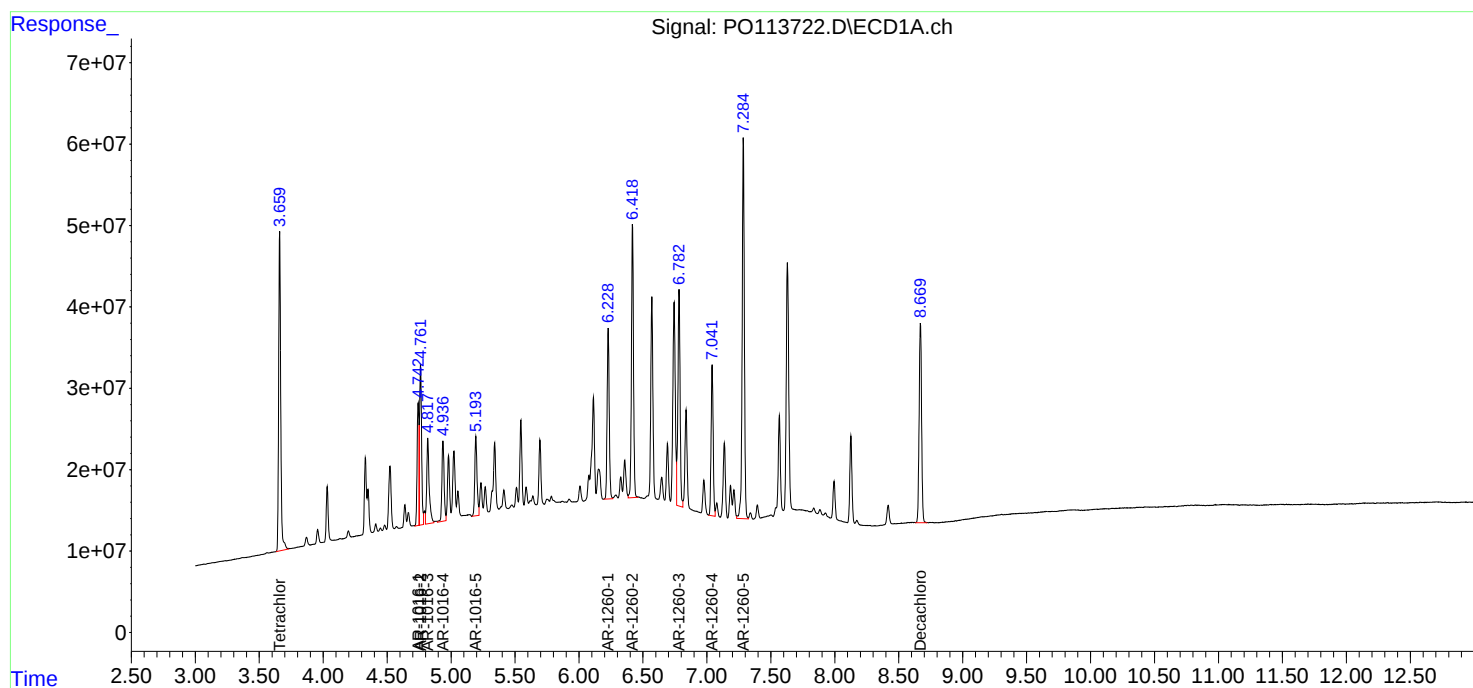
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113722.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 10:11
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:05:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113723.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 10:30
 Operator : YP/AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 11:15:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 11:05:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.659	3.650	234.8E6	141.2E6	26.755	26.884
2)	SA Decachlor...	8.671	8.615	176.7E6	56266448	26.911	27.250
Target Compounds							
3)	L1 AR-1016-1	4.742	4.723	83067158	49485896	278.789	283.219
4)	L1 AR-1016-2	4.761	4.740	123.2E6	73863126	276.594	277.828
5)	L1 AR-1016-3	4.818	4.915	83791663	39670595	291.989	276.833m
6)	L1 AR-1016-4	4.936	4.957	62801990	32386865	269.840m	283.635m
7)	L1 AR-1016-5	5.193	5.168	64527220	41323076	262.680m	285.632m
31)	L7 AR-1260-1	6.228	6.195	126.9E6	67517304	266.571	282.415
32)	L7 AR-1260-2	6.418	6.384	203.4E6	88290231	272.205	281.873
33)	L7 AR-1260-3	6.783	6.535	180.9E6	77229605	284.722	289.274
34)	L7 AR-1260-4	7.042	7.003	115.1E6	52427799	275.162	286.353
35)	L7 AR-1260-5	7.286	7.246	298.4E6	112.5E6	263.742	279.694

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113723.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 10:30
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

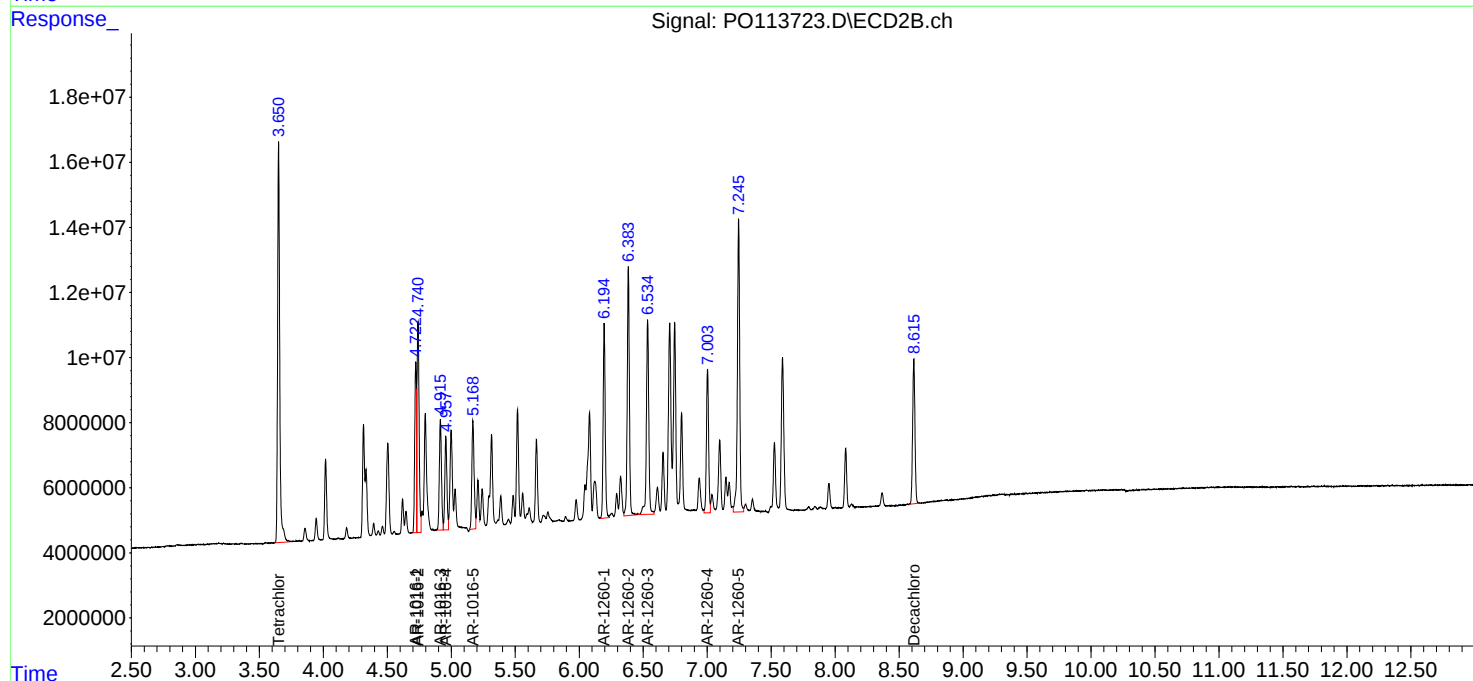
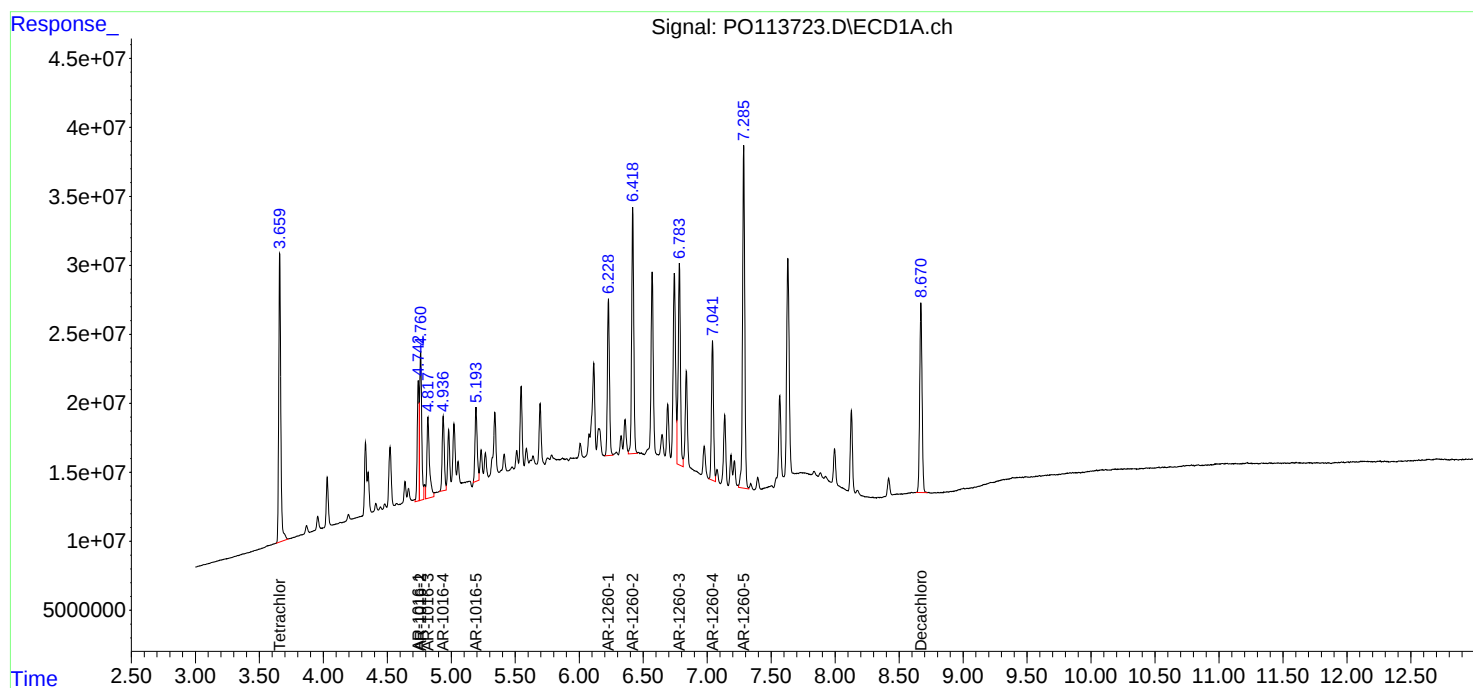
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:15:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 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_0\Data\P0091525\
 Data File : P0113724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 10:48
 Operator : YP/AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 11:19:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 11:05:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.660	3.650	44978188	28453222	5.100	5.327
2) SA Decachlor...	8.670	8.615	35936460	10897672	5.371	5.220
Target Compounds						
3) L1 AR-1016-1	4.744	4.722	16286949	10615009	53.661	58.247
4) L1 AR-1016-2	4.762	4.740	24671155	16039442	54.215	57.936
5) L1 AR-1016-3	4.819	4.914	16959086	8685099	56.680	58.442m
6) L1 AR-1016-4	4.937	4.957	13300047	7240813	55.637m	60.429m
7) L1 AR-1016-5	5.193	5.169	12550255	8566818	52.077m	56.328m
31) L7 AR-1260-1	6.228	6.196	27305815	15008040	55.703	59.724
32) L7 AR-1260-2	6.419	6.384	42049271	20006498	54.906	60.514
33) L7 AR-1260-3	6.783	6.534	41141892	16693888	61.149	59.545
34) L7 AR-1260-4	7.041	7.003	24542000	11185219	56.714	58.380m
35) L7 AR-1260-5	7.286	7.245	56933192	25965493	50.259	62.242

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113724.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 10:48
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

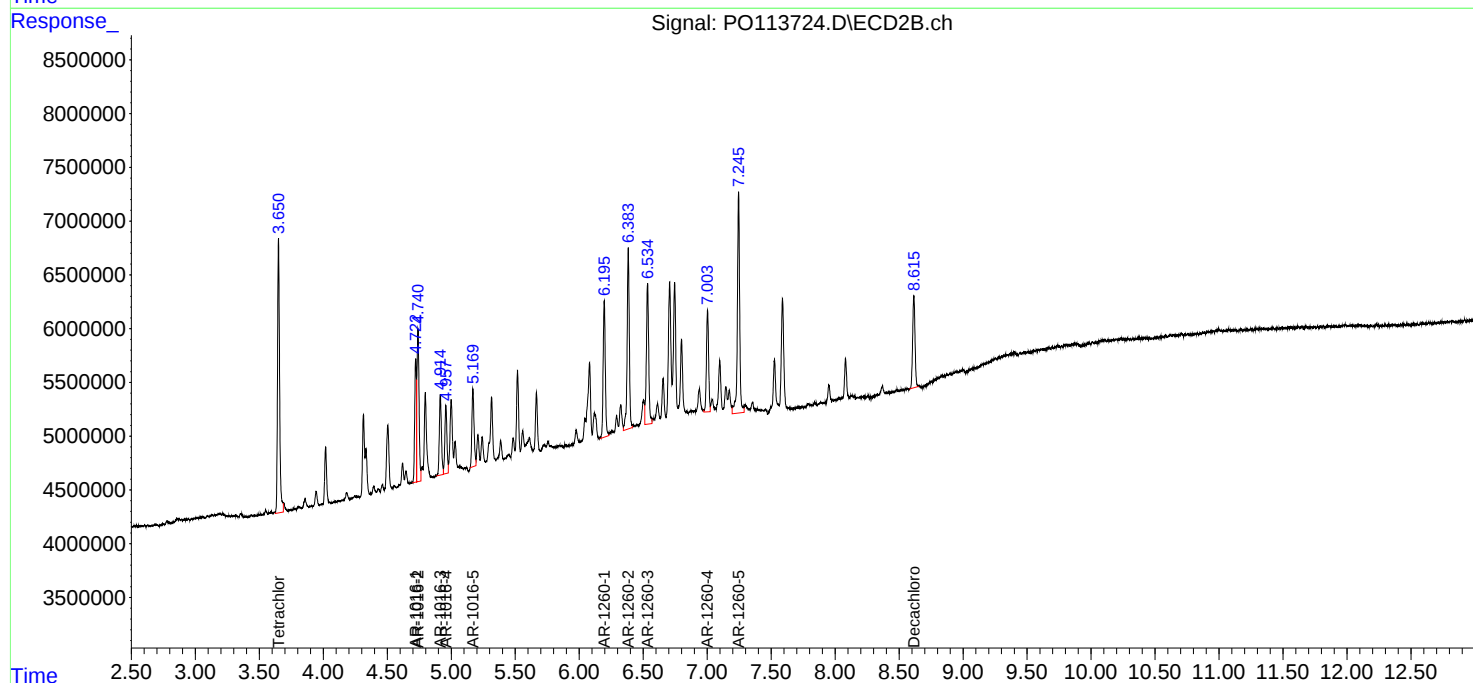
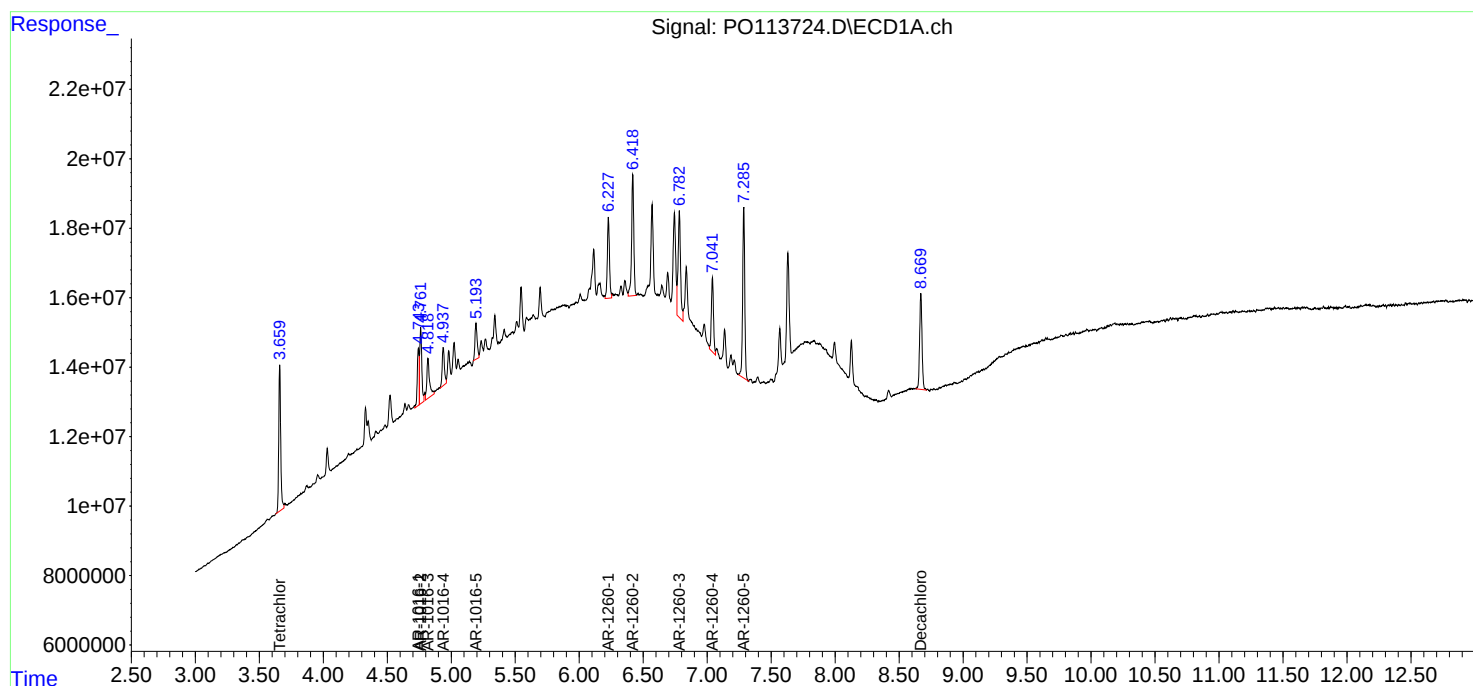
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:19:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113725.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 11:06
 Operator : YP/AJ
 Sample : AR1221ICC500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1221ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 11:46:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 11:45:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.651	435.5E6	262.7E6	50.000	50.000
2) SA Decachlor...	8.669	8.614	324.6E6	101.5E6	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	3.870	3.858	48427821	33839498	500.000	500.000
9) L2 AR-1221-2	3.956	3.944	35948096	25481100	500.000	500.000
10) L2 AR-1221-3	4.031	4.018	118.4E6	78298360	500.000	500.000

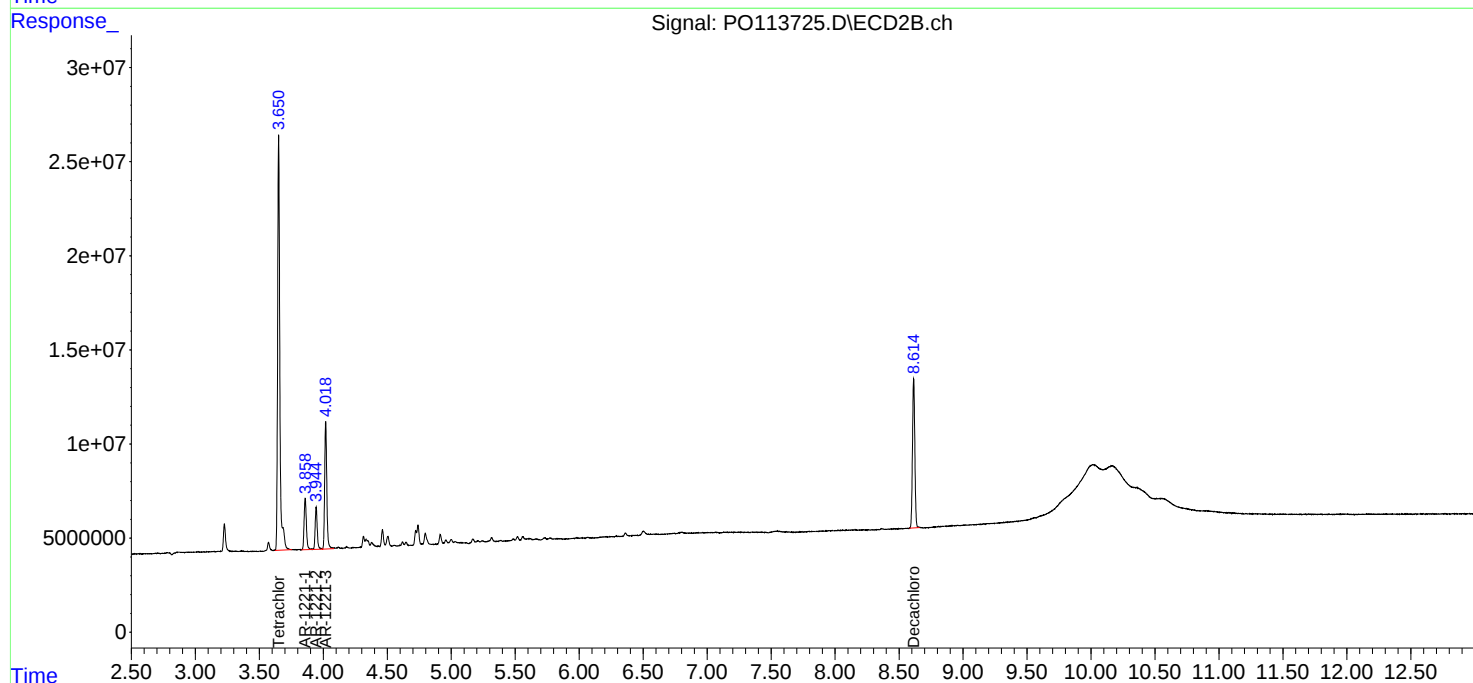
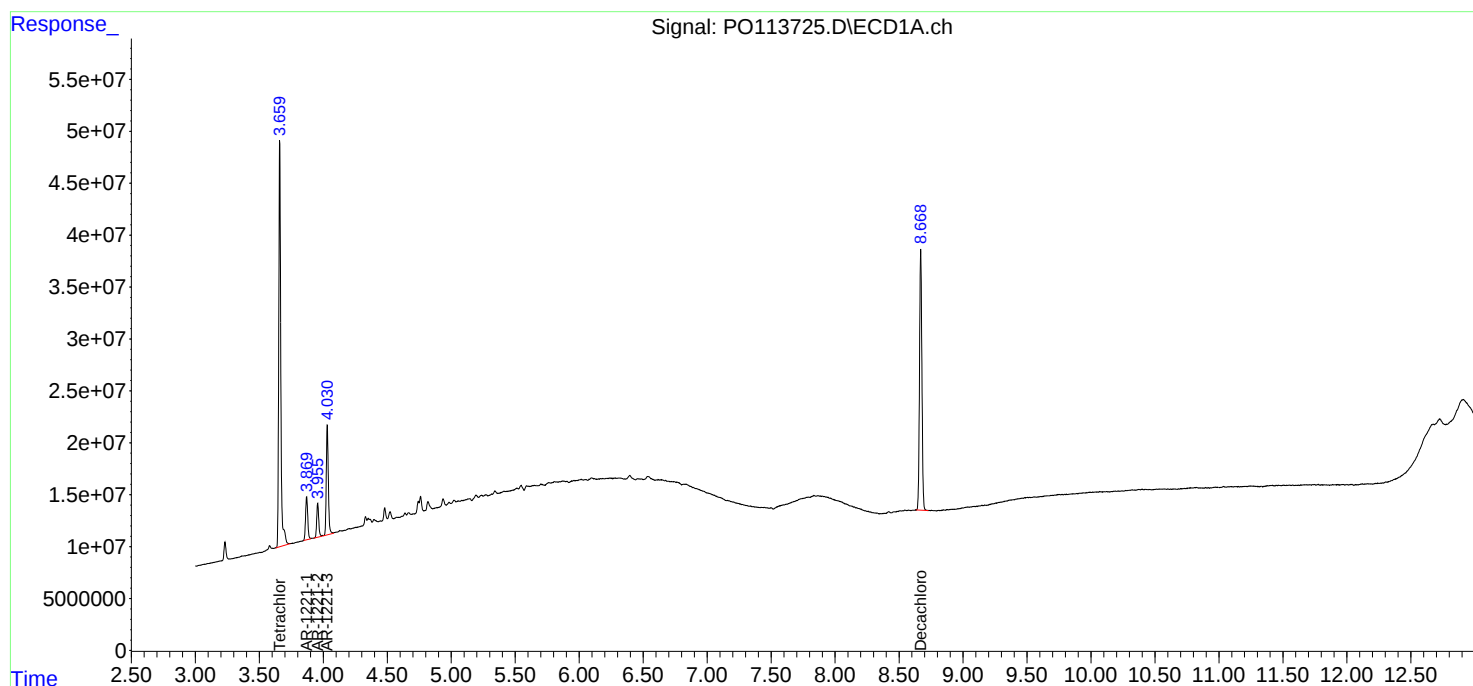
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113725.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 11:06
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:46:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:45:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 11:25
 Operator : YP/AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 11:52:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 11:52:36 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	429.5E6	257.8E6	50.000	50.000
2) SA Decachlor...	8.671	8.616	334.7E6	103.1E6	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.031	4.018	87537440	59200862	500.000	500.000
12) L3 AR-1232-2	4.521	4.740	47976450	61415553	500.000	500.000
13) L3 AR-1232-3	4.760	4.914	98512468	33272859	500.000	500.000
14) L3 AR-1232-4	4.937	4.999	49367482	29320487	500.000	500.000
15) L3 AR-1232-5	4.980	5.169	32629799	30767257	500.000	500.000

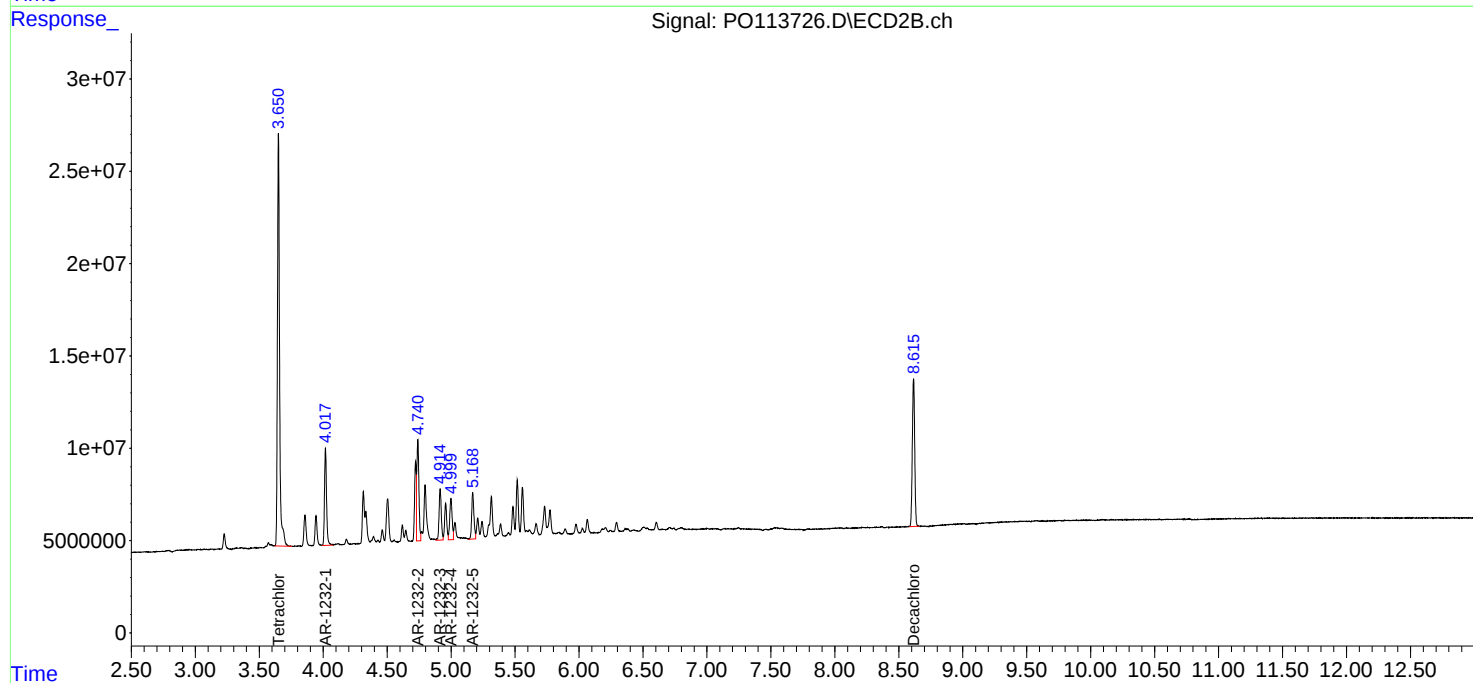
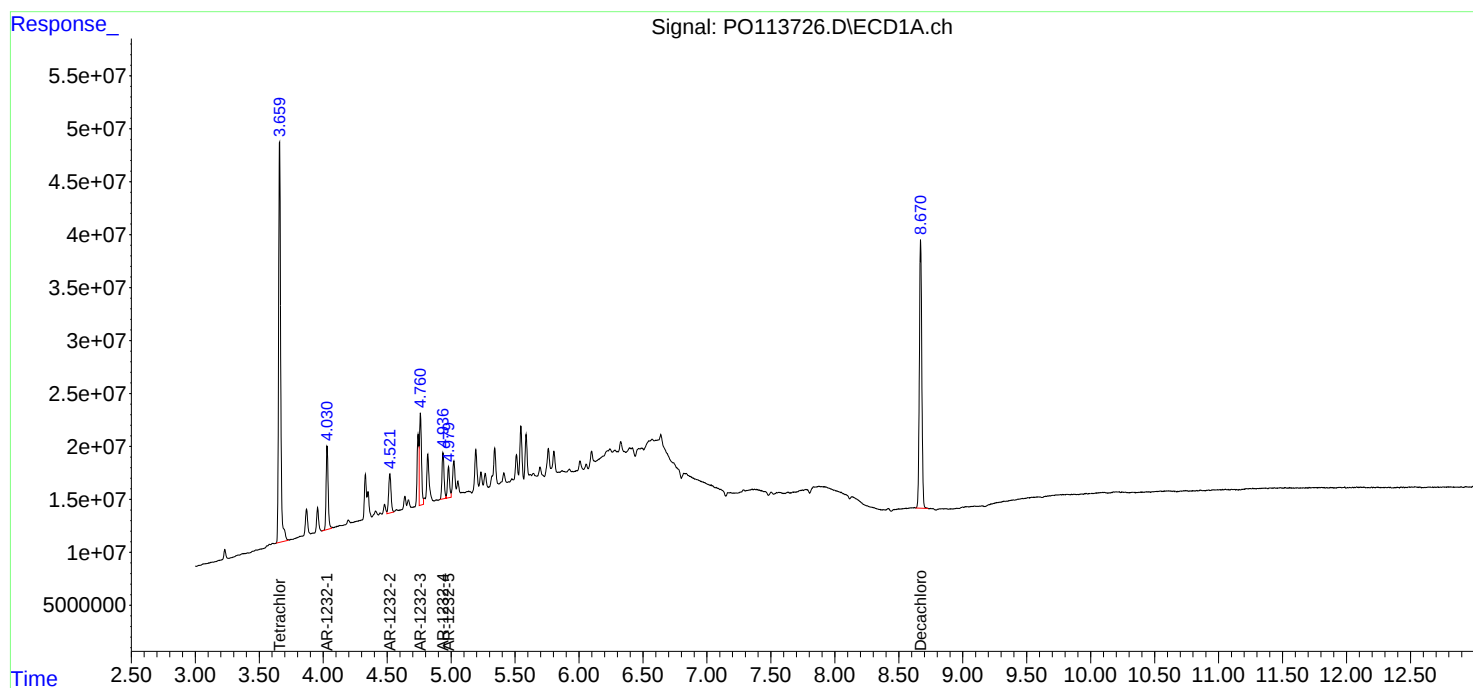
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 11:25
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:52:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:52:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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_0\Data\P0091525\
 Data File : P0113727.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 11:43
 Operator : YP/AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 12:49:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 12:48:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.651	856.9E6	508.2E6	103.413	102.682
2) SA Decachlor...	8.671	8.615	662.5E6	201.3E6	98.781	98.964
Target Compounds						
16) L4 AR-1242-1	4.743	4.723	238.6E6	140.1E6	1022.174	1007.884
17) L4 AR-1242-2	4.761	4.740	362.6E6	212.5E6	1028.745	1006.582
18) L4 AR-1242-3	4.818	4.915	227.9E6	114.4E6	1023.990	992.567
19) L4 AR-1242-4	4.937	4.999	185.7E6	109.0E6	1025.254	988.497
20) L4 AR-1242-5	5.587	5.518	203.8E6	137.2E6	1022.117	984.036

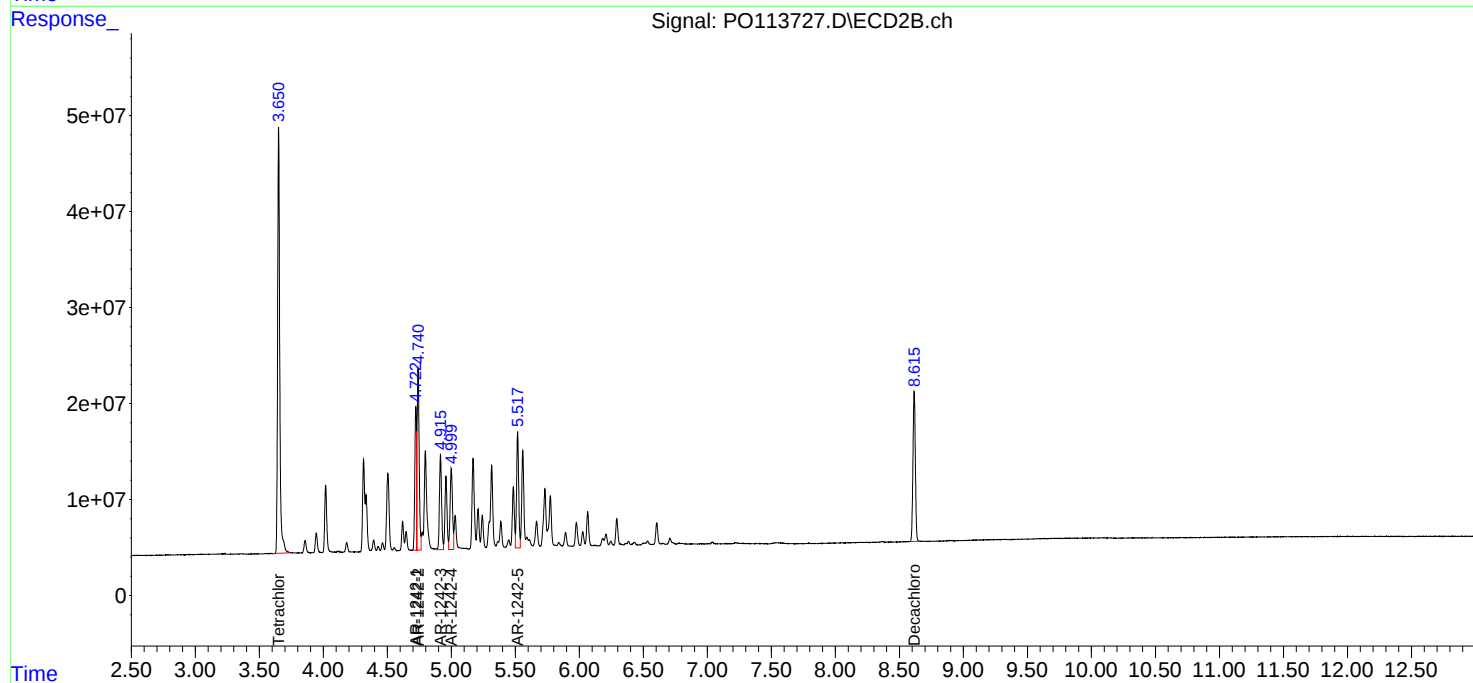
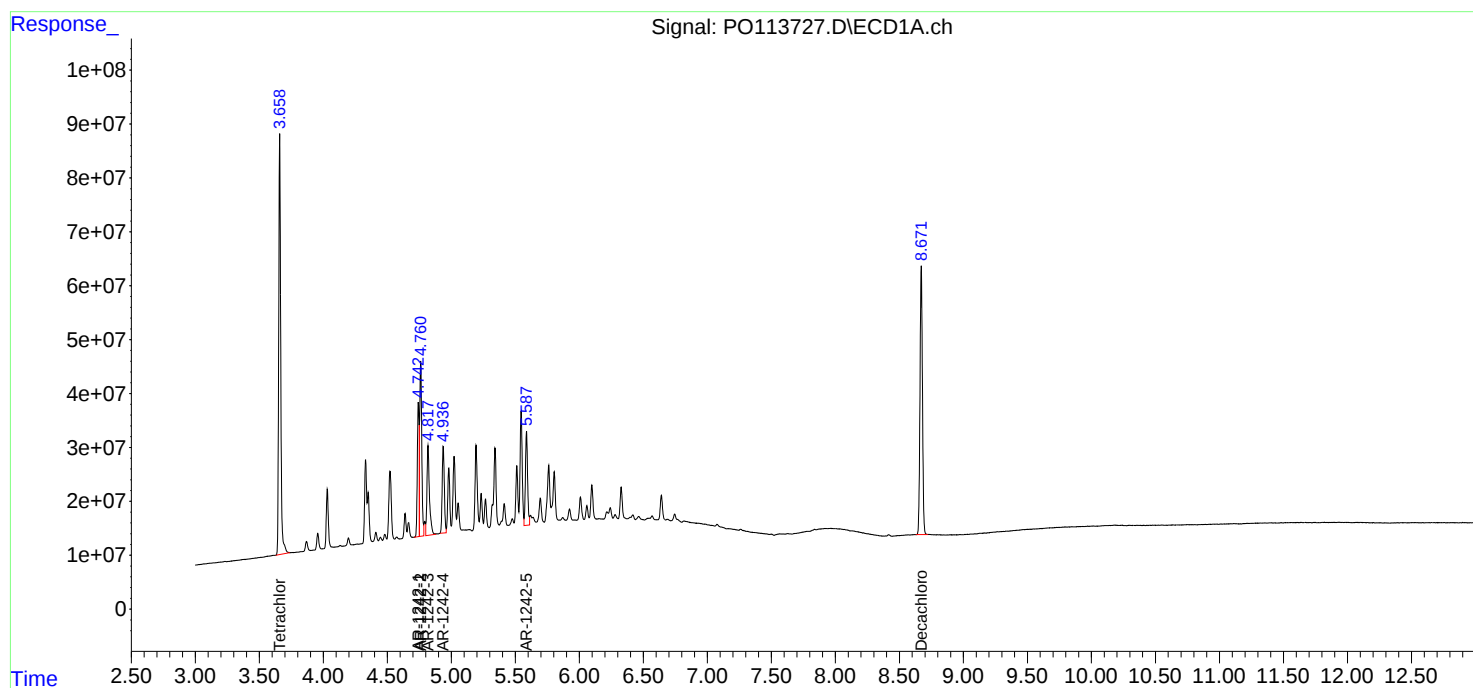
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113727.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 11:43
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 12:49:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 12:48:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113728.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 12:02
 Operator : YP/AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 12:53:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 12:52:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.651	637.8E6	380.3E6	76.303	76.216
2) SA Decachlor...	8.671	8.615	500.6E6	152.8E6	74.760	75.061
Target Compounds						
16) L4 AR-1242-1	4.742	4.722	180.5E6	106.0E6	765.468	758.656
17) L4 AR-1242-2	4.761	4.740	270.5E6	162.2E6	761.594	762.181
18) L4 AR-1242-3	4.818	4.915	171.0E6	87325225	762.136	755.272
19) L4 AR-1242-4	4.936	5.000	139.6E6	82992496	763.702	751.982
20) L4 AR-1242-5	5.586	5.518	154.3E6	105.2E6	765.978	752.843

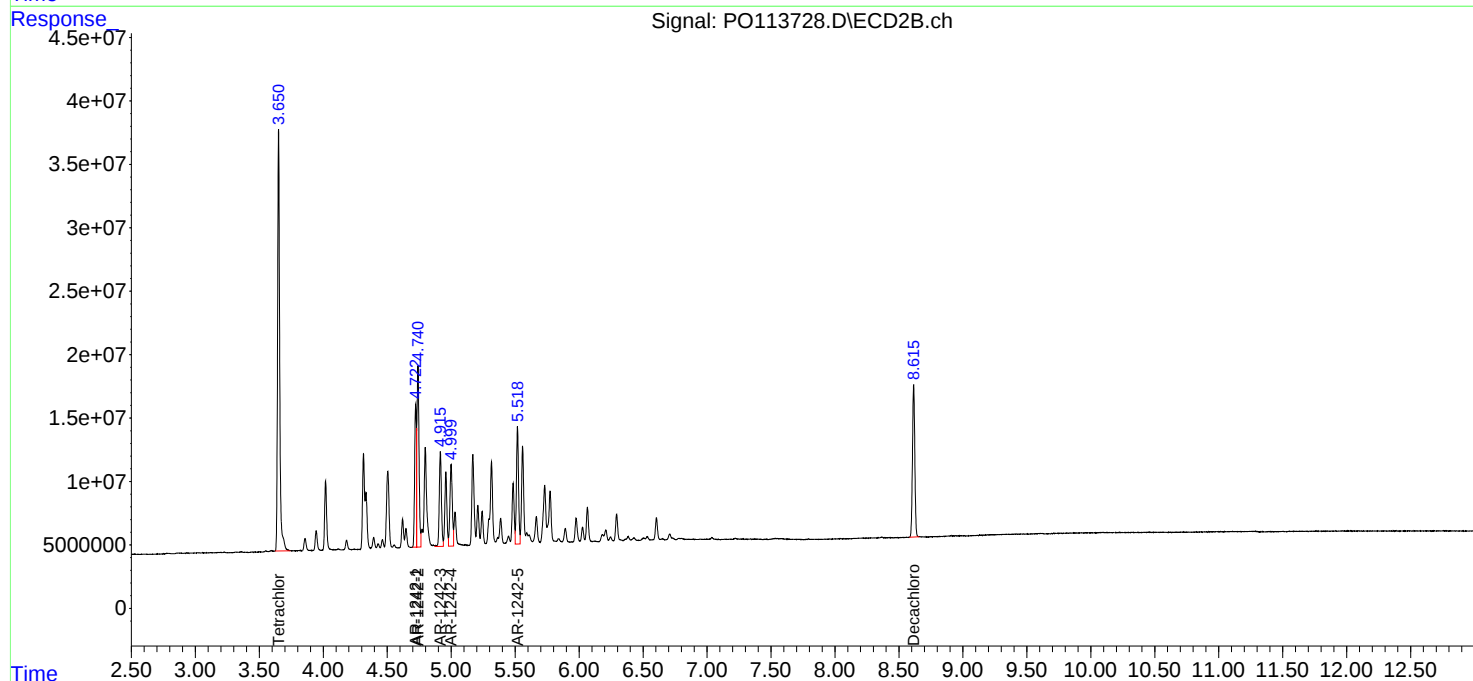
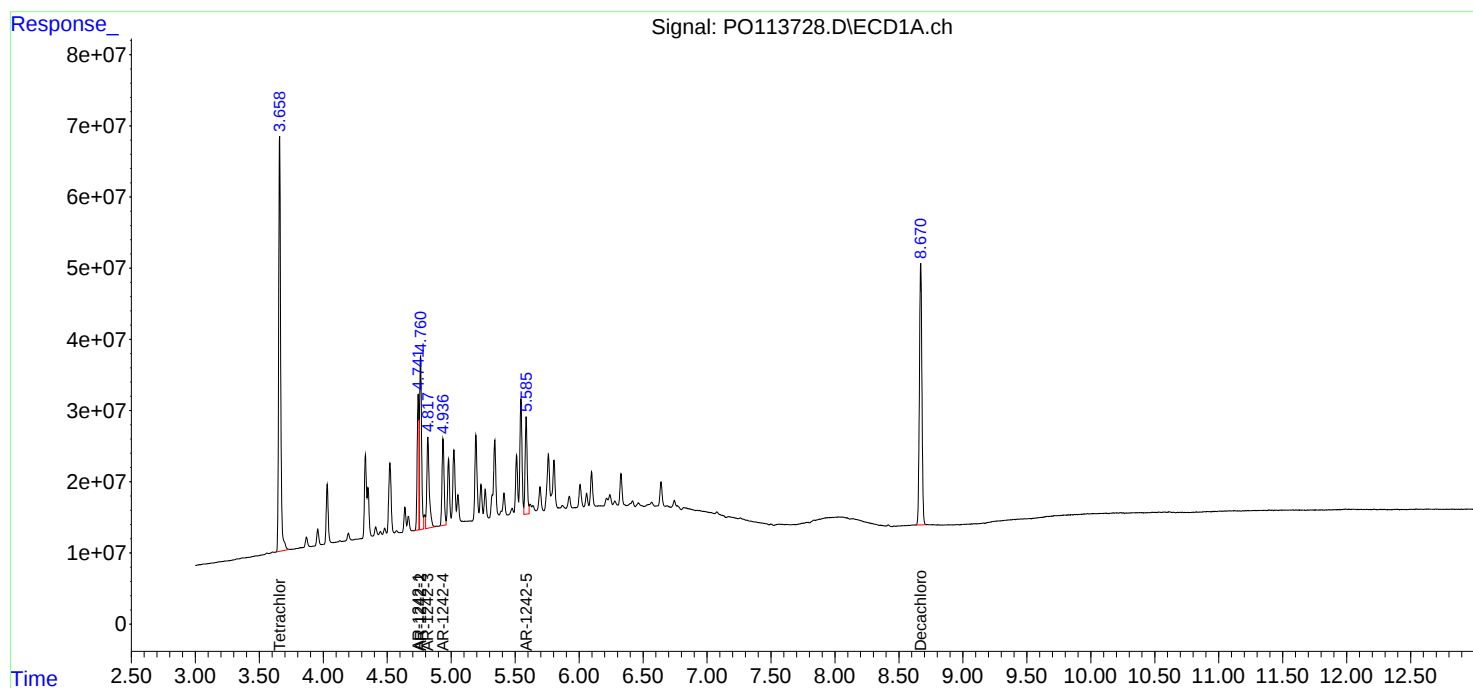
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 12:02
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 12:53:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 12:52:59 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_O\Data\P0091525\
 Data File : P0113729.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 12:20
 Operator : YP/AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 12:44:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 12:44:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	400.2E6	240.8E6	50.000	50.000
2) SA Decachlor...	8.671	8.615	339.4E6	102.8E6	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	4.743	4.723	114.1E6	68939510	500.000	500.000
17) L4 AR-1242-2	4.761	4.740	171.2E6	104.9E6	500.000	500.000
18) L4 AR-1242-3	4.818	4.915	108.6E6	58035506	500.000	500.000
19) L4 AR-1242-4	4.937	5.000	88265119	55743459	500.000	500.000
20) L4 AR-1242-5	5.587	5.518	97466339	70828355	500.000	500.000

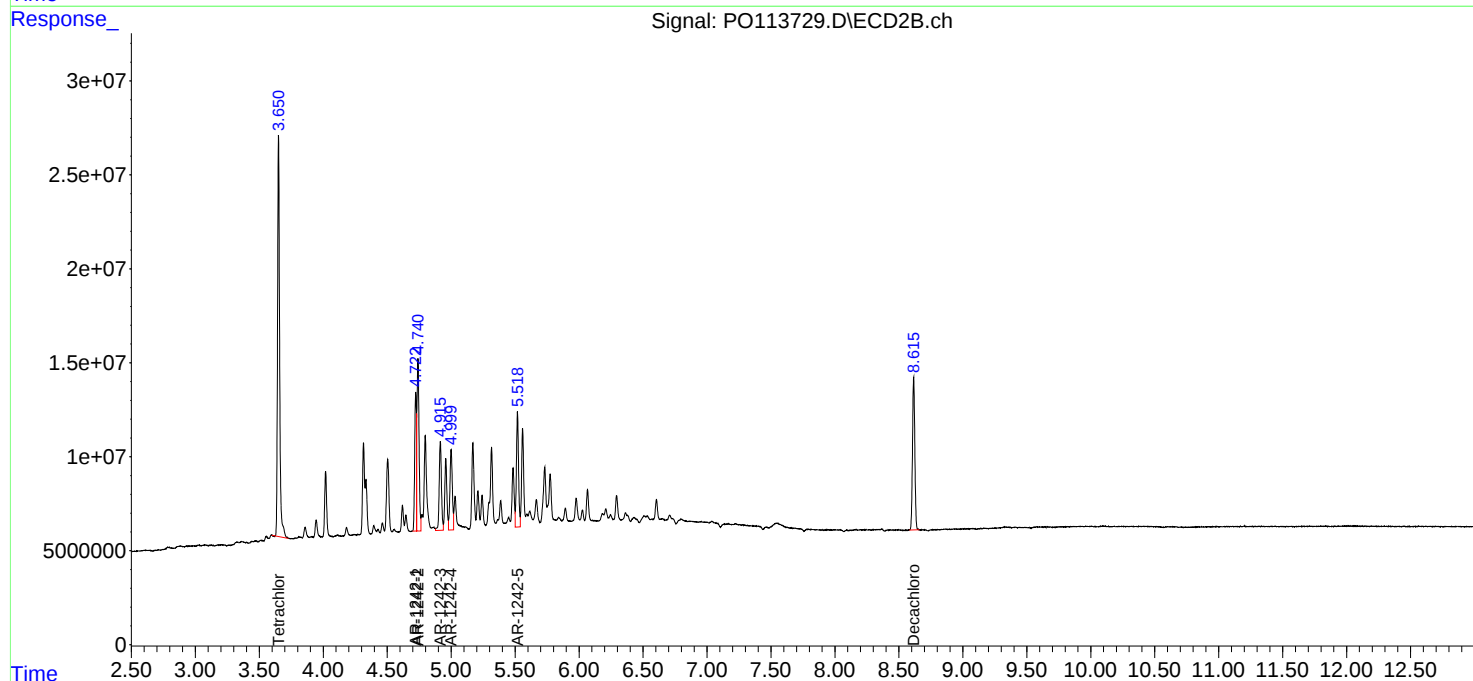
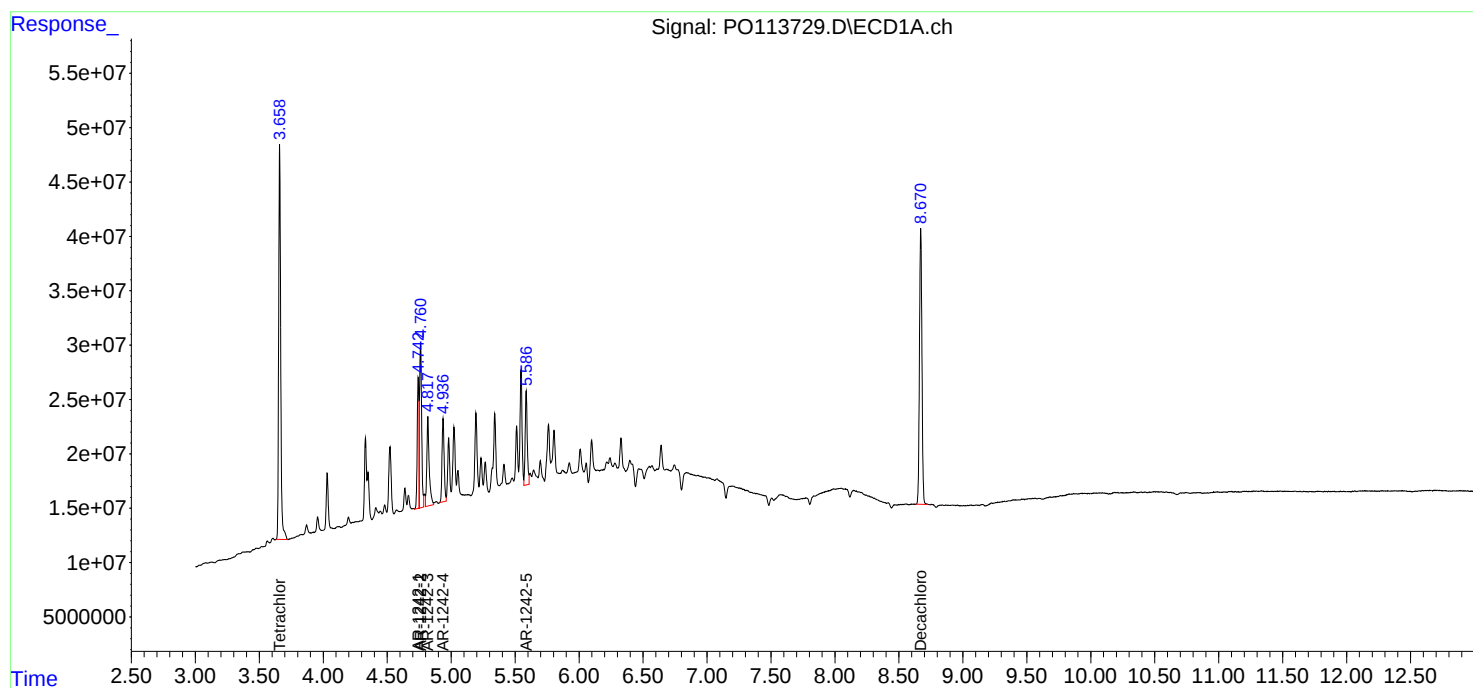
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113729.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 12:20
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 12:44:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 12:44:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113730.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 12:38
 Operator : YP/AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 12:58:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 12:58:17 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	227.2E6	137.2E6	26.605	26.824
2) SA Decachlor...	8.670	8.615	179.3E6	54699761	26.313	26.382
Target Compounds						
16) L4 AR-1242-1	4.743	4.722	64289772	40282392	266.562	277.583
17) L4 AR-1242-2	4.761	4.740	98374124	60995385	269.668	276.460
18) L4 AR-1242-3	4.818	4.915	61891602	33632533	268.898	279.460
19) L4 AR-1242-4	4.937	4.999	50545262	32527588	269.395	282.109
20) L4 AR-1242-5	5.587	5.518	58614341	41036519	279.475	281.442

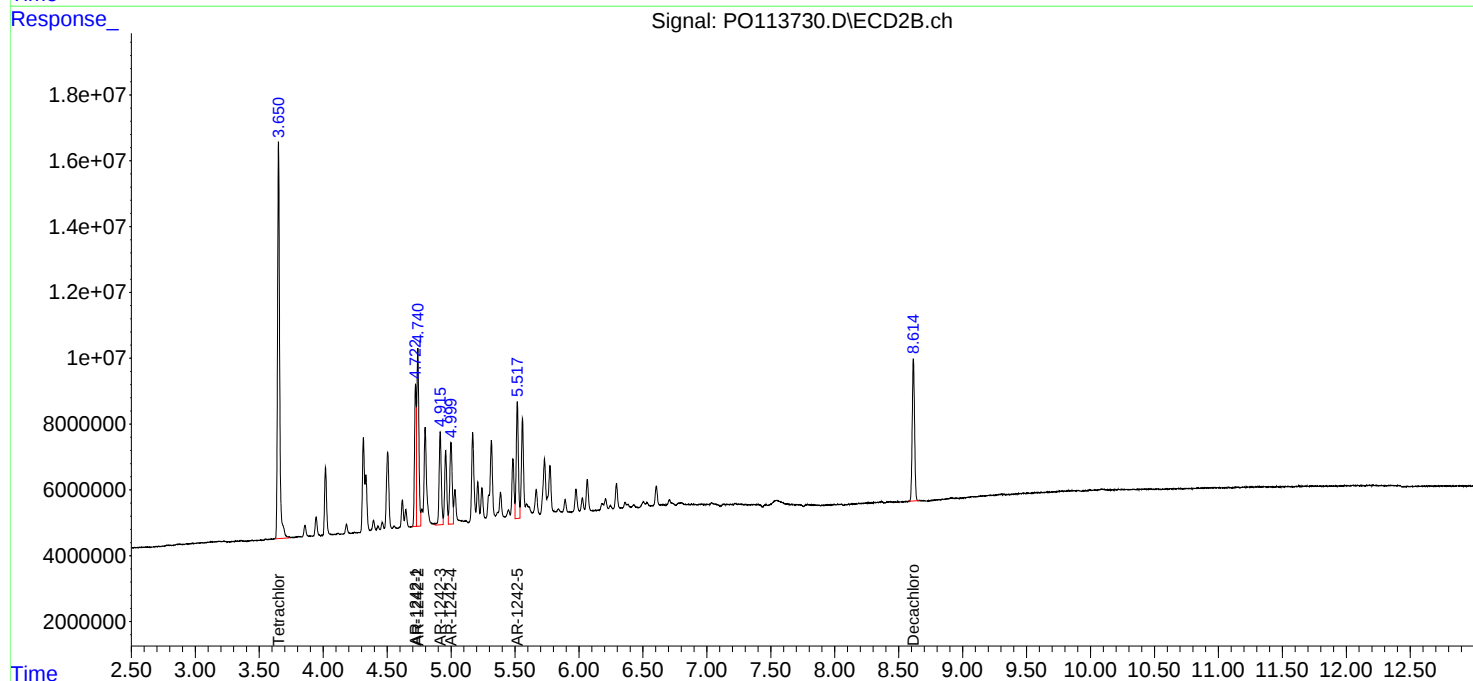
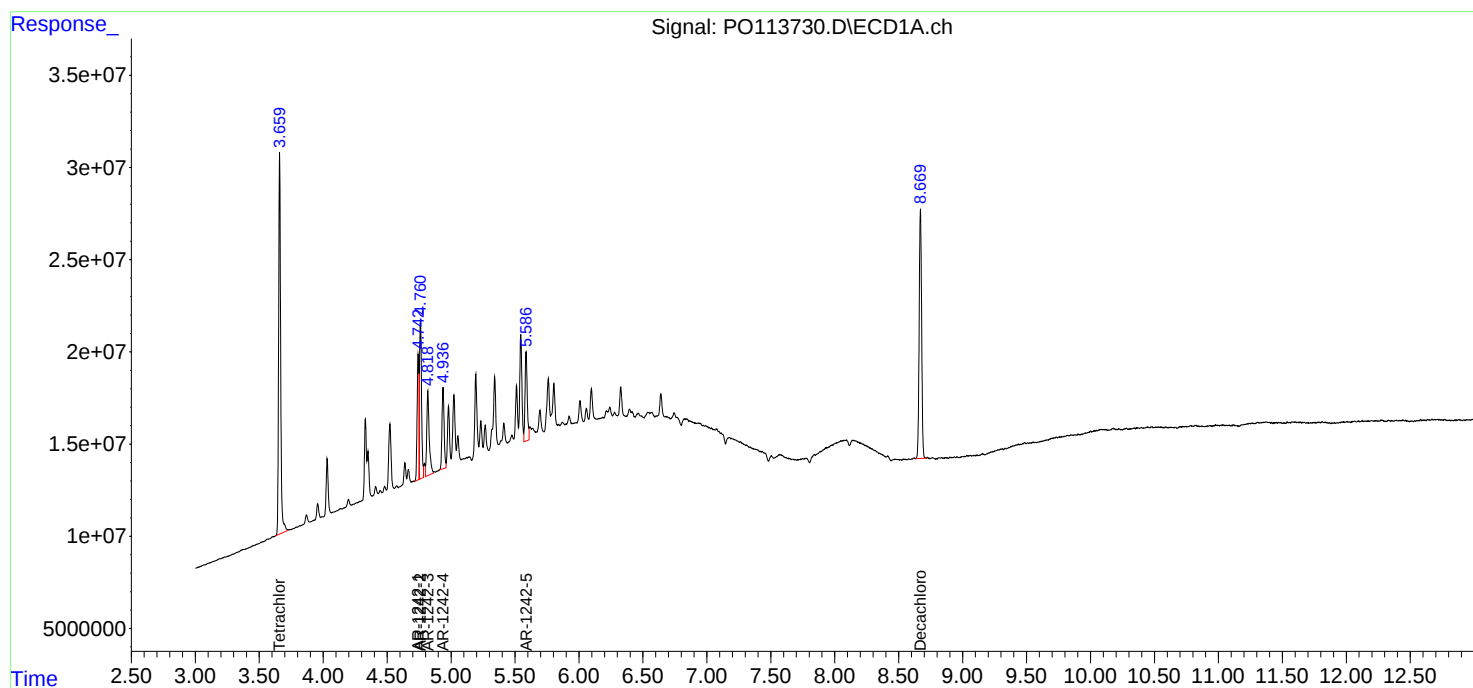
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
Data File : P0113730.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 12:38
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 12:58:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 12:58:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113731.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 13:34
 Operator : YP/AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 13:53:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 13:52:46 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.658	3.650	26418636	15800639	3.352m	3.352m
2) SA Decachlor...	8.671	8.616	21938075	6851127	3.466	3.545
Target Compounds						
16) L4 AR-1242-1	4.741	4.723	7313533	5086915	32.420m	37.283
17) L4 AR-1242-2	4.760	4.741	11071458	7687318	32.781m	37.091
18) L4 AR-1242-3	4.818	4.914	7714426	4933227	35.882	41.724m
19) L4 AR-1242-4	4.938	4.997	6204472	5689058	35.471	48.409m#
20) L4 AR-1242-5	5.588	5.517	10397803	6300322	50.944	45.312m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113731.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 13:34
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

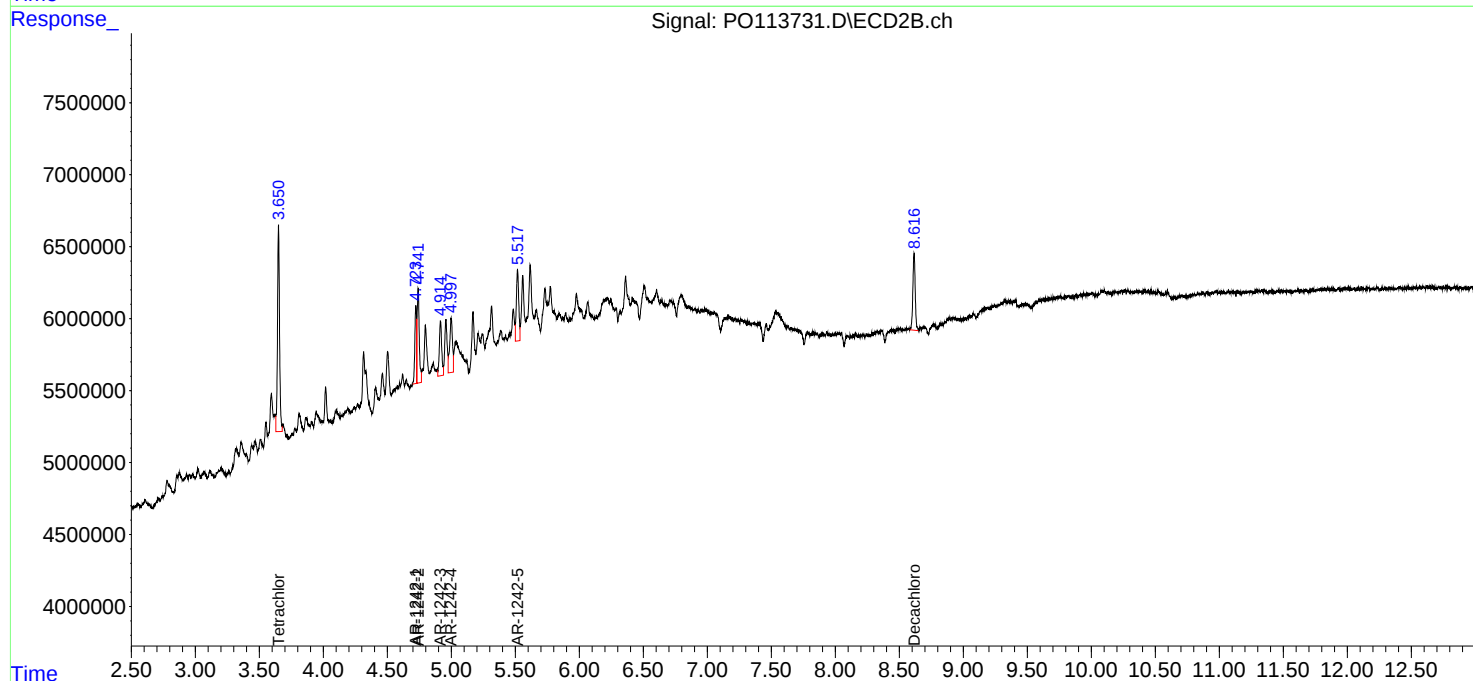
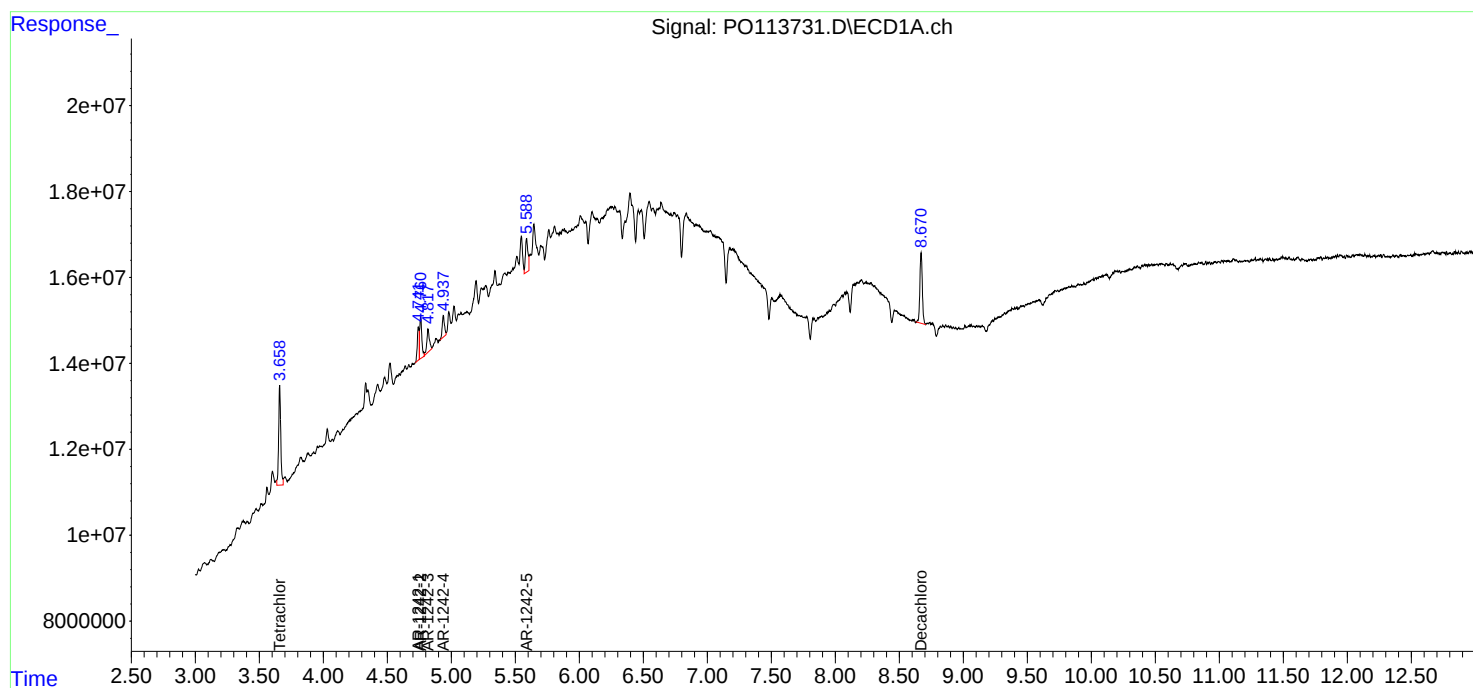
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 13:53:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 13:52:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113732.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 13:54
 Operator : YP/AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 15:00:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 14:57:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.661	3.651	828.2E6	491.8E6	99.140	98.907
2) SA Decachlor...	8.673	8.616	690.7E6	203.2E6	98.049	97.877
Target Compounds						
21) L5 AR-1248-1	4.745	4.722	176.0E6	104.7E6	974.524	963.707
22) L5 AR-1248-2	4.982	4.958	241.2E6	146.4E6	981.274	960.088
23) L5 AR-1248-3	5.196	4.999	312.0E6	155.1E6	978.325	961.488
24) L5 AR-1248-4	5.548	5.170	478.8E6	182.0E6	979.615	965.593
25) L5 AR-1248-5	5.589	5.559	326.3E6	185.6E6	978.067	964.077

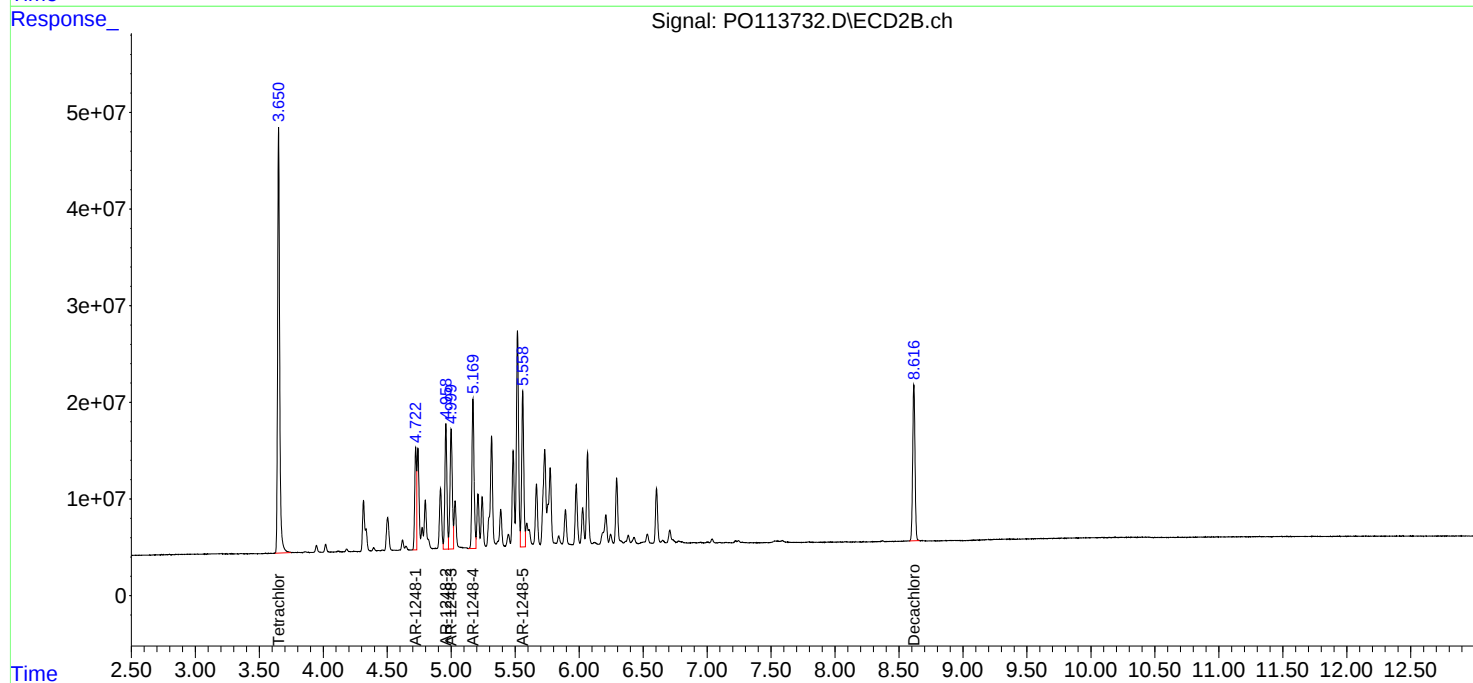
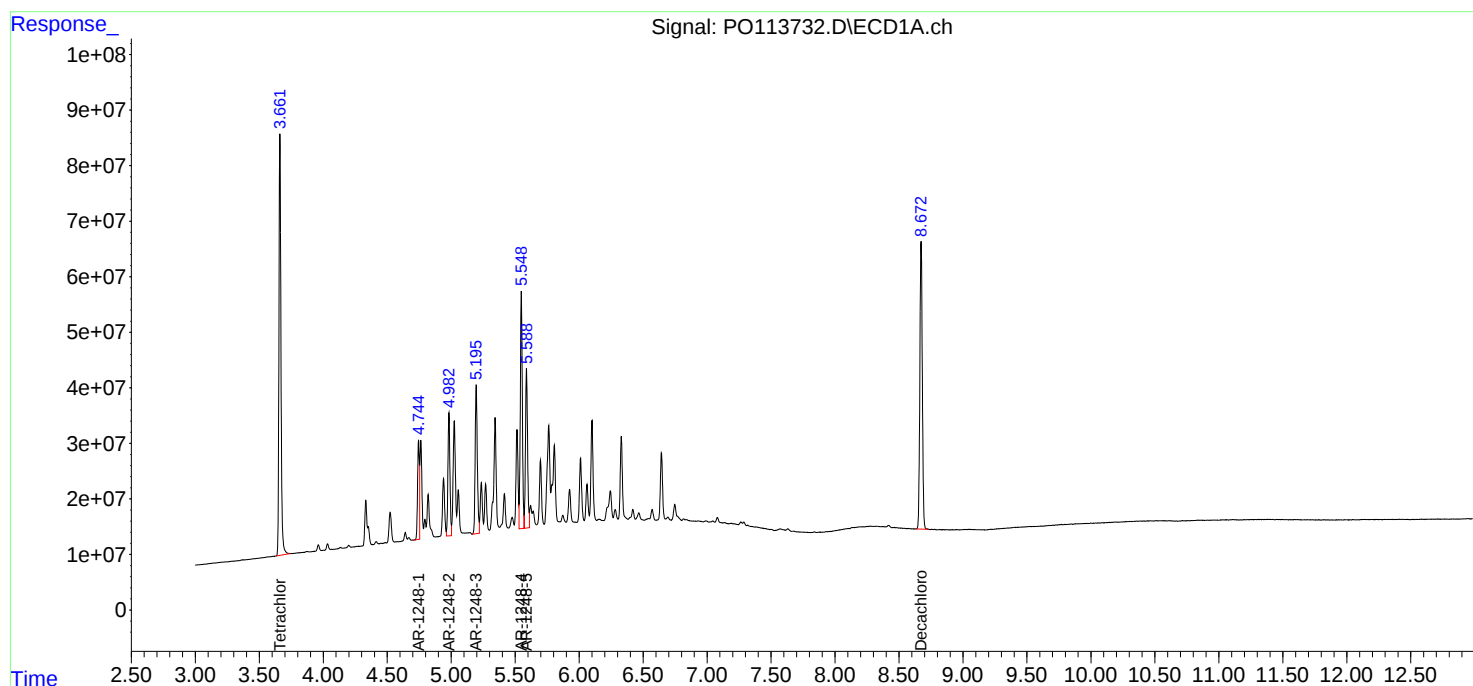
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113732.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 13:54
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 15:00:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 14:57:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0091525\
 Data File : P0113733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 14:13
 Operator : YP/AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1248ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 15:02:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 14:57:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	634.9E6	375.4E6	75.668	75.333
2) SA Decachlor...	8.670	8.615	524.4E6	155.6E6	74.627	74.969
Target Compounds						
21) L5 AR-1248-1	4.743	4.722	135.7E6	81830538	751.102	752.341
22) L5 AR-1248-2	4.980	4.958	186.3E6	114.2E6	755.166	749.329
23) L5 AR-1248-3	5.193	4.999	239.8E6	120.5E6	751.242	747.815
24) L5 AR-1248-4	5.546	5.169	368.9E6	141.0E6	753.153	748.773
25) L5 AR-1248-5	5.586	5.558	253.3E6	143.1E6	756.086	745.429

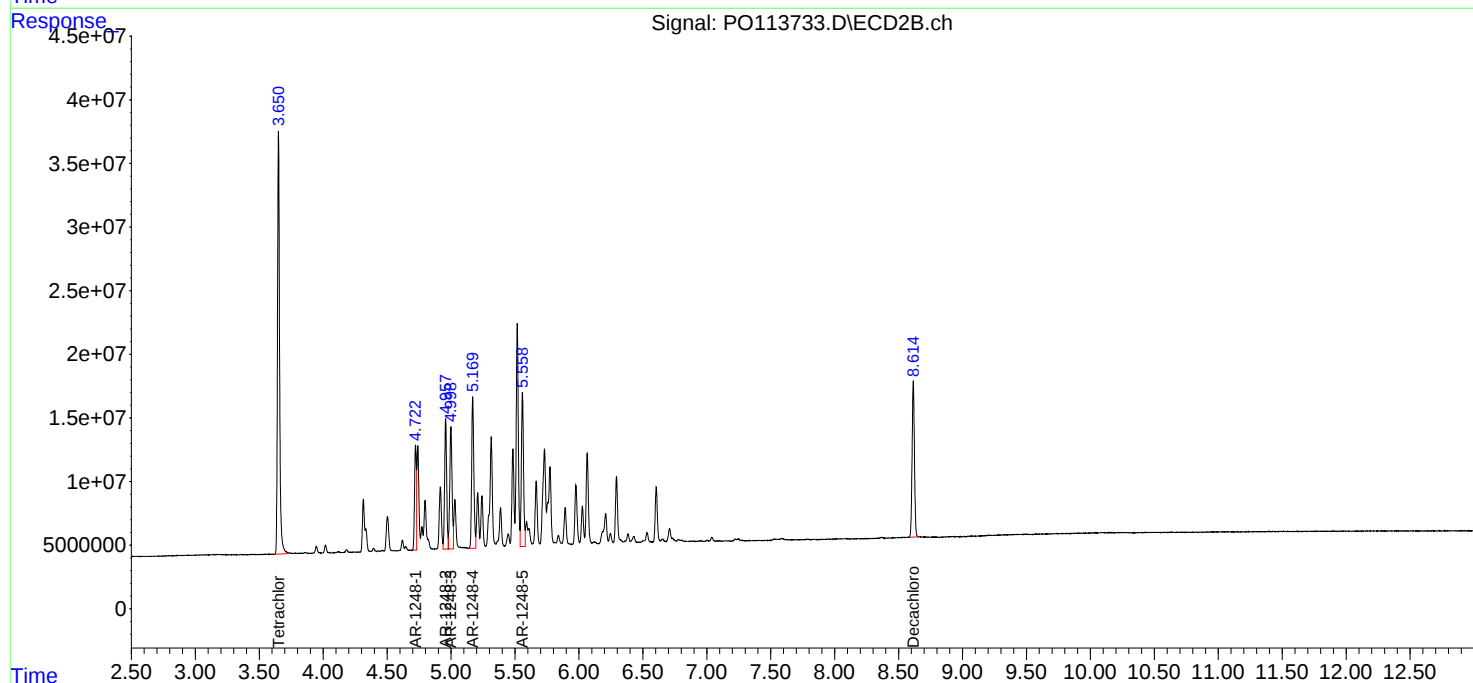
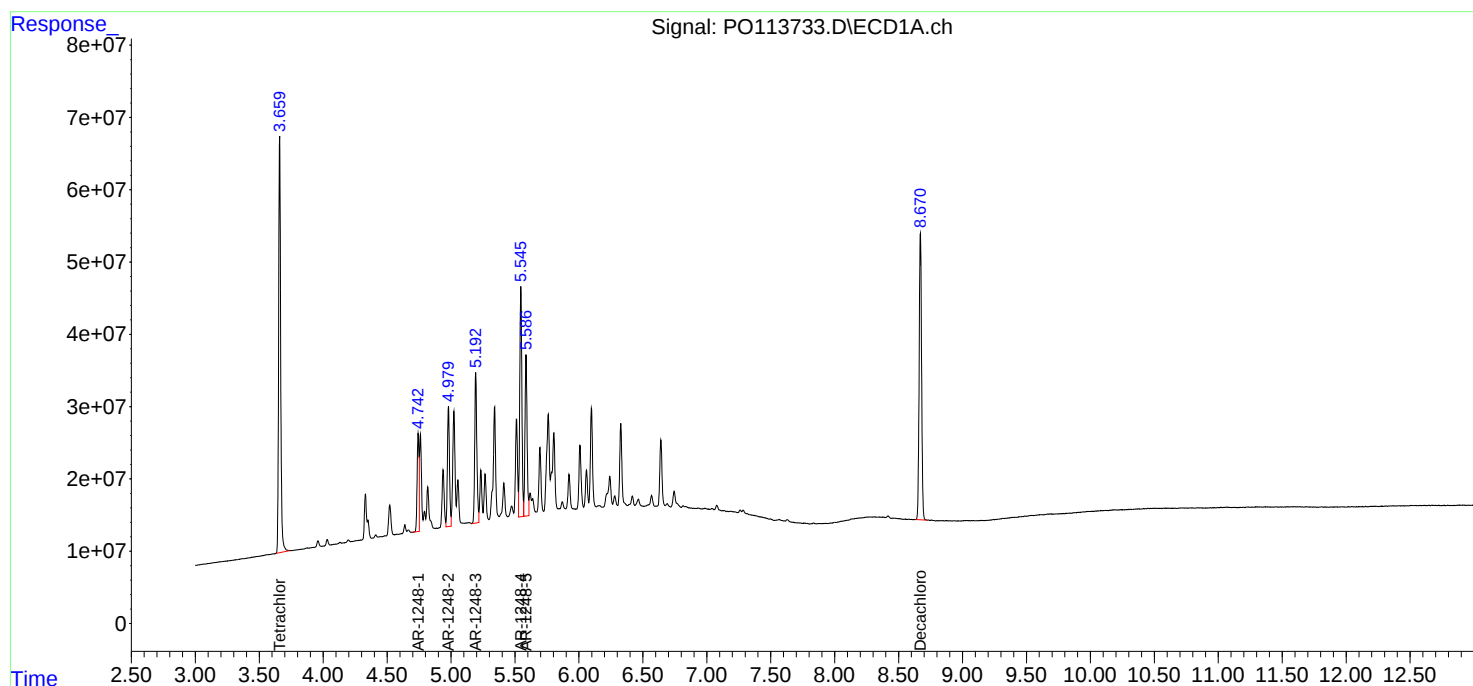
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
Data File : P0113733.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 14:13
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 15:02:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 14:57:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113734.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 14:31
 Operator : YP/AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 14:57:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 14:57:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.649	421.3E6	251.3E6	50.000	50.000
2) SA Decachlor...	8.670	8.614	359.1E6	106.0E6	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	4.742	4.721	92575652	56269703	500.000	500.000
22) L5 AR-1248-2	4.979	4.957	125.2E6	79271682	500.000	500.000
23) L5 AR-1248-3	5.193	4.998	162.9E6	83768269	500.000	500.000
24) L5 AR-1248-4	5.545	5.168	249.4E6	97489532	500.000	500.000
25) L5 AR-1248-5	5.586	5.557	170.5E6	99711270	500.000	500.000

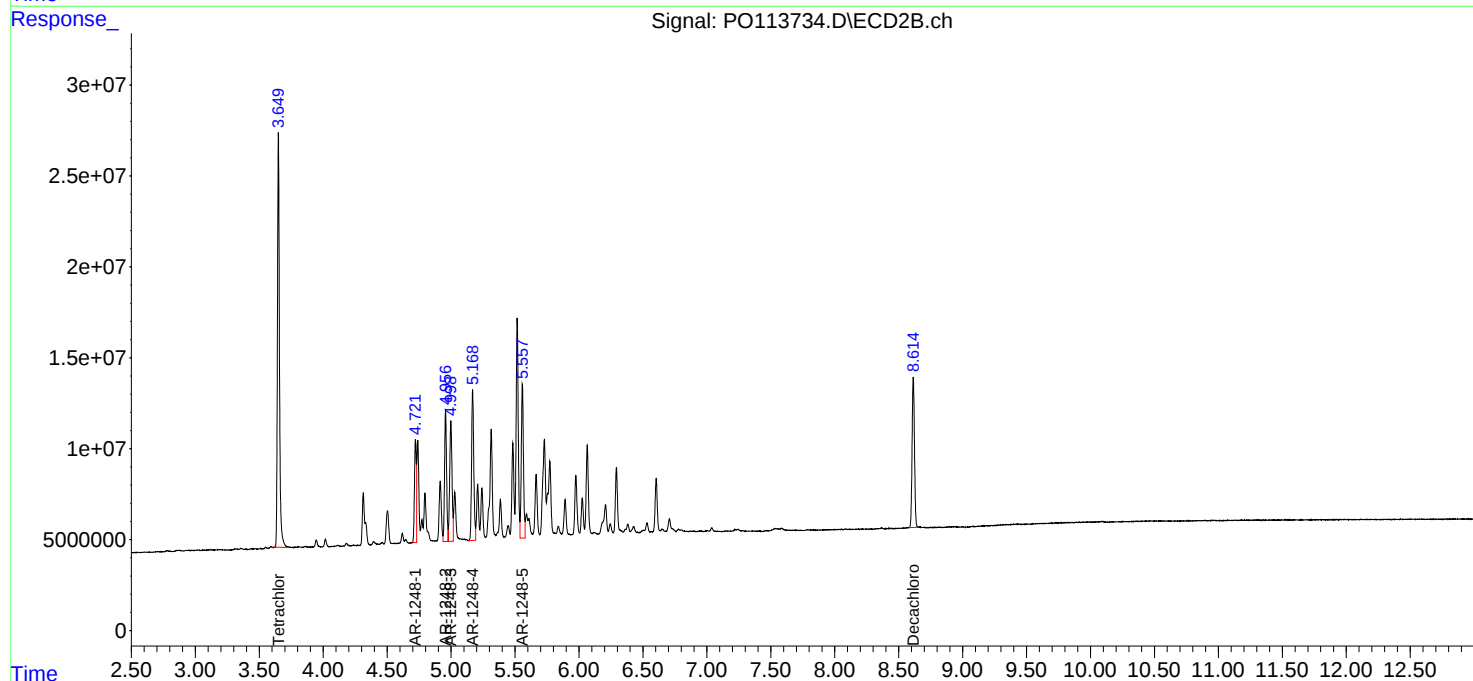
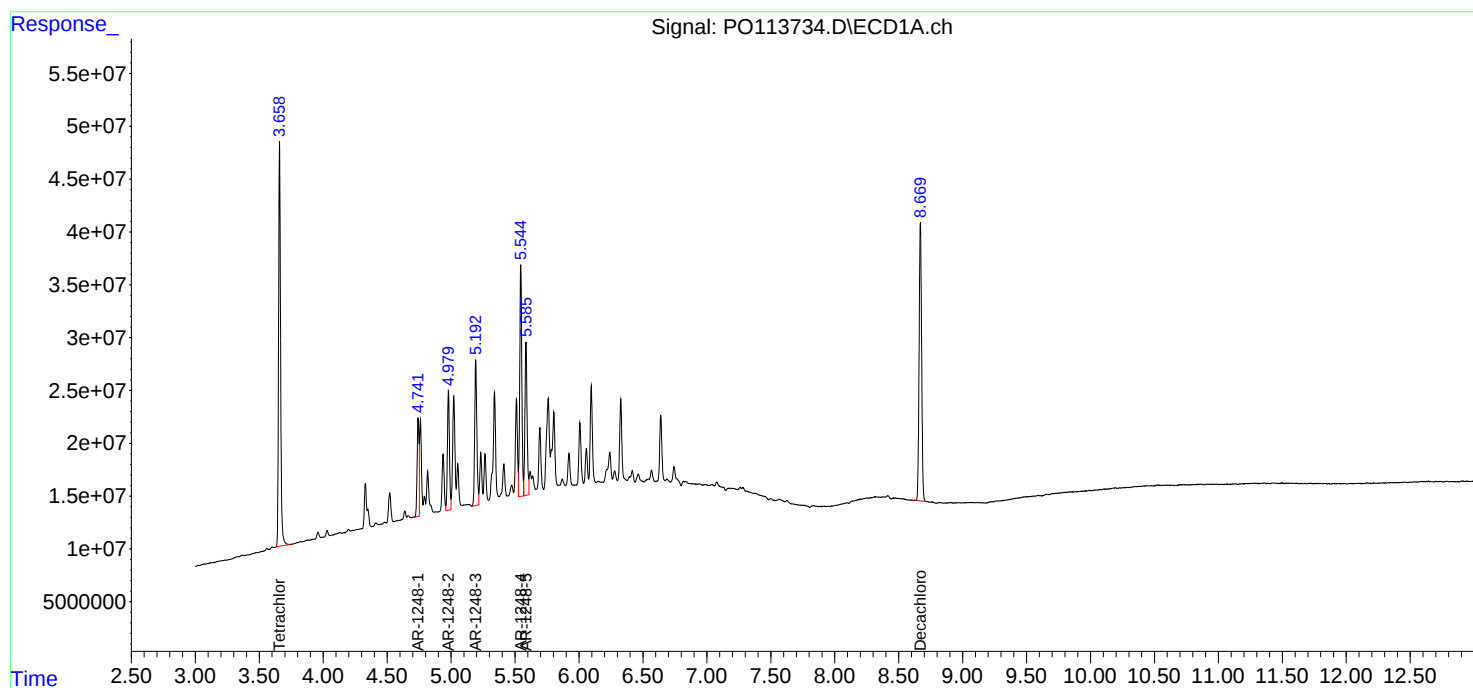
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO091525\
Data File : PO113734.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 14:31
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_0
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 14:57:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 14:57:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113735.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 14:49
 Operator : YP/AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 15:05:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 14:57:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	218.3E6	136.0E6	25.864m	26.676
2) SA Decachlor...	8.671	8.615	190.3E6	56024890	26.532	26.467
Target Compounds						
21) L5 AR-1248-1	4.743	4.722	46836022	30431626	256.848	271.693
22) L5 AR-1248-2	4.980	4.958	66055658	43924160	263.119	277.620
23) L5 AR-1248-3	5.194	4.999	87559252	46565053	267.831	278.197
24) L5 AR-1248-4	5.546	5.169	134.2E6	53811343	267.565	275.862
25) L5 AR-1248-5	5.587	5.559	91796490	55645015	267.580	278.801

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113735.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 14:49
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

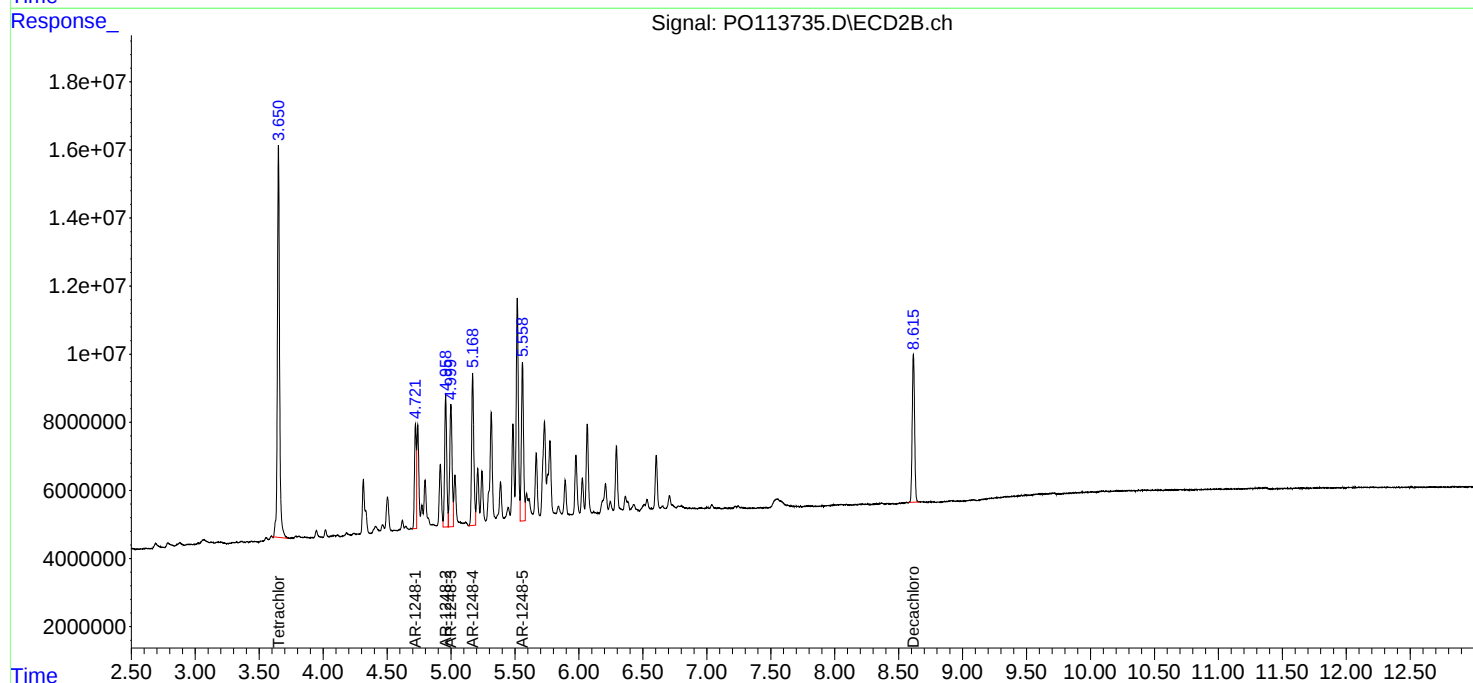
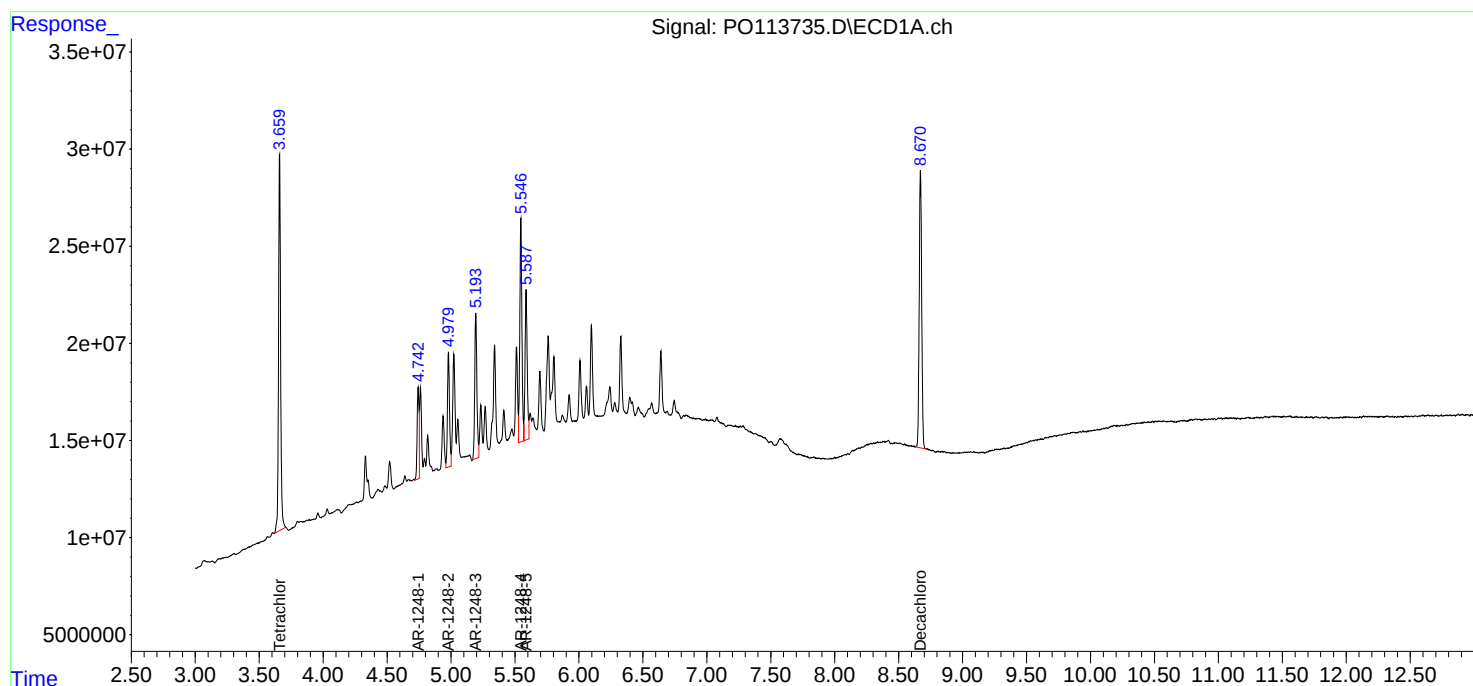
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 15:05:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 14:57:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113736.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 15:26
 Operator : YP/AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 15:45:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 15:45:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.660	3.650	32089373	20534701	3.979	4.192
2) SA Decachlor...	8.671	8.615	28408639	8300377	4.132	4.098
Target Compounds						
21) L5 AR-1248-1	4.744	4.722	8597711	4929969	47.693	45.094
22) L5 AR-1248-2	4.981	4.957	10595062	7750399	43.562	49.185
23) L5 AR-1248-3	5.193	4.999	15737208	8252286	48.499	49.440
24) L5 AR-1248-4	5.546	5.169	24775522	9558331	49.519	49.197
25) L5 AR-1248-5	5.588	5.558	15935750	10777751	47.120	53.150

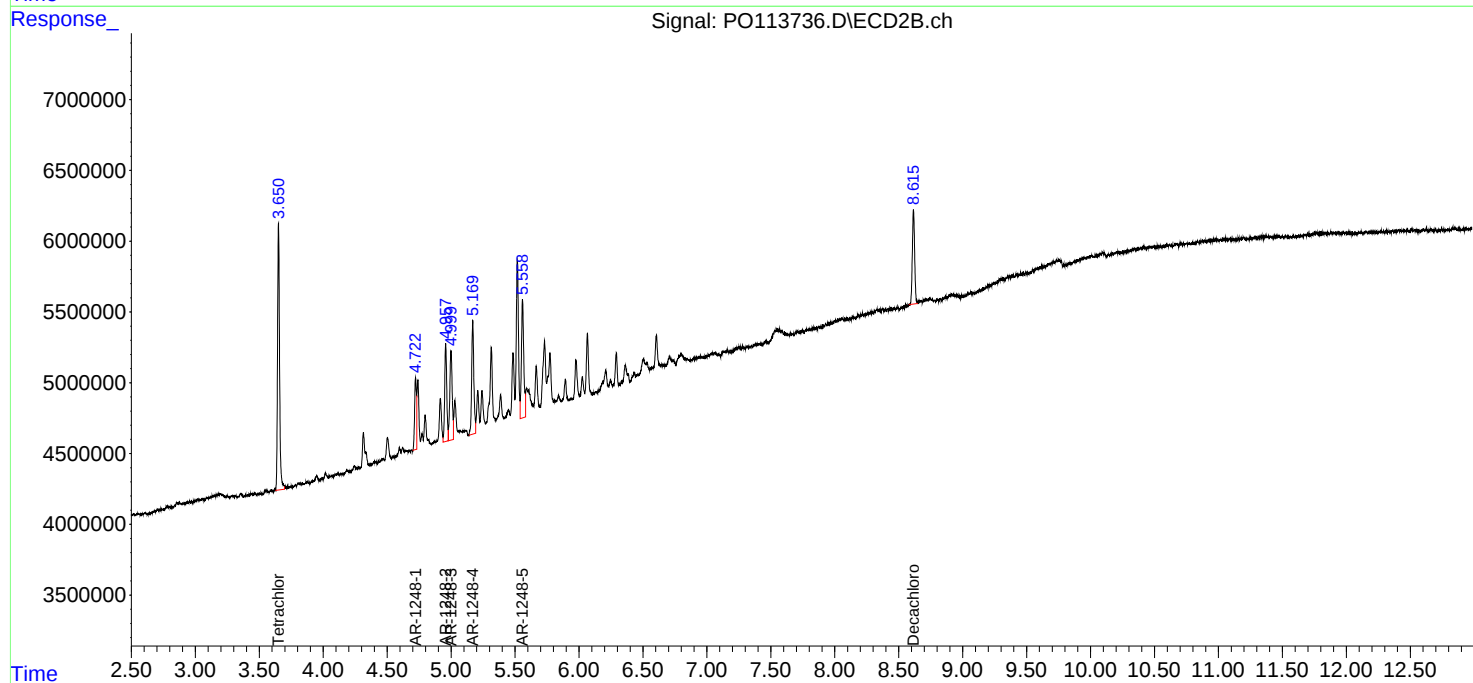
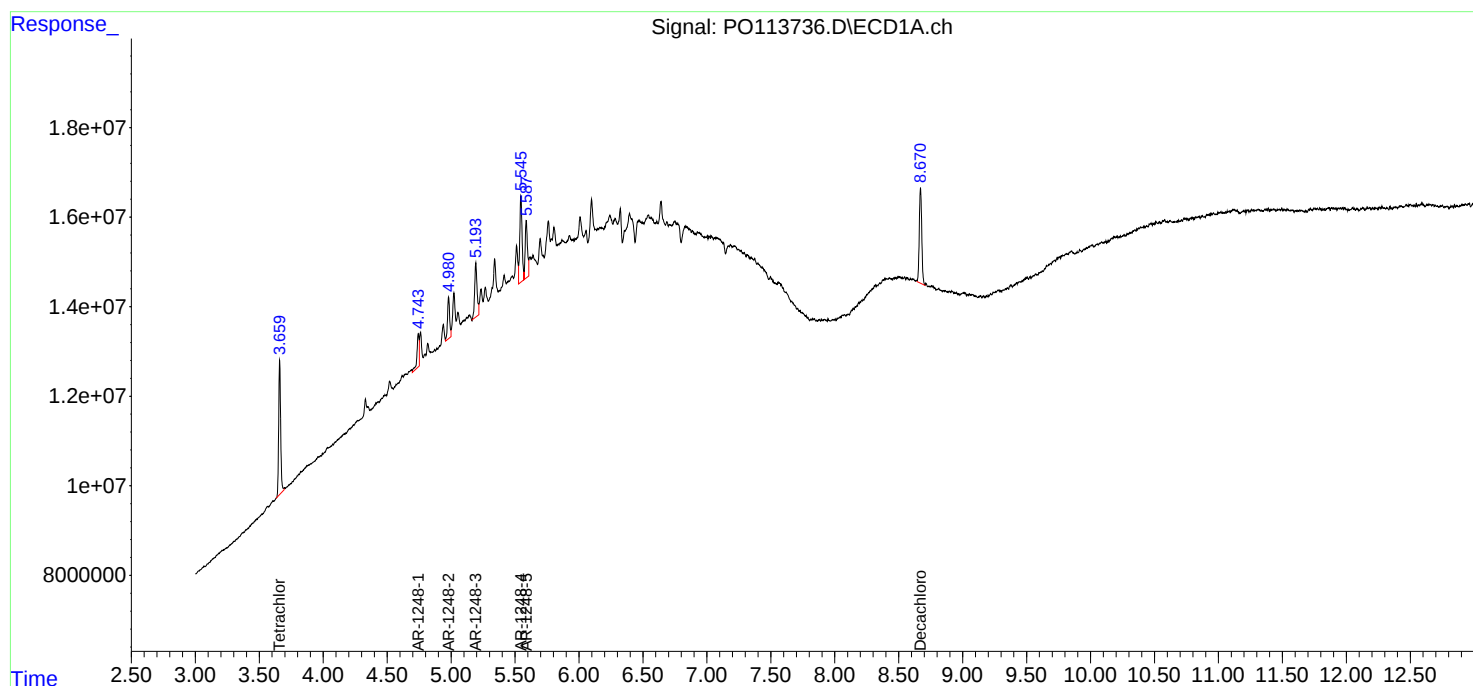
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113736.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 15:26
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 15:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 15:45:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113737.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 15:45
 Operator : YP/AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 16:39:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 16:36:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.660	3.651	832.6E6	490.7E6	98.269	98.049
2) SA Decachlor...	8.670	8.616	720.4E6	202.3E6	97.290	96.875
Target Compounds						
26) L6 AR-1254-1	5.546	5.519	525.3E6	279.6E6	964.321	957.531
27) L6 AR-1254-2	5.695	5.667	478.2E6	241.2E6	958.454	953.589
28) L6 AR-1254-3	6.098	6.066	746.6E6	370.6E6	965.121	968.115
29) L6 AR-1254-4	6.328	6.294	555.0E6	235.6E6	971.115	964.300
30) L6 AR-1254-5	6.745	6.709	718.1E6	290.2E6	971.401	964.075

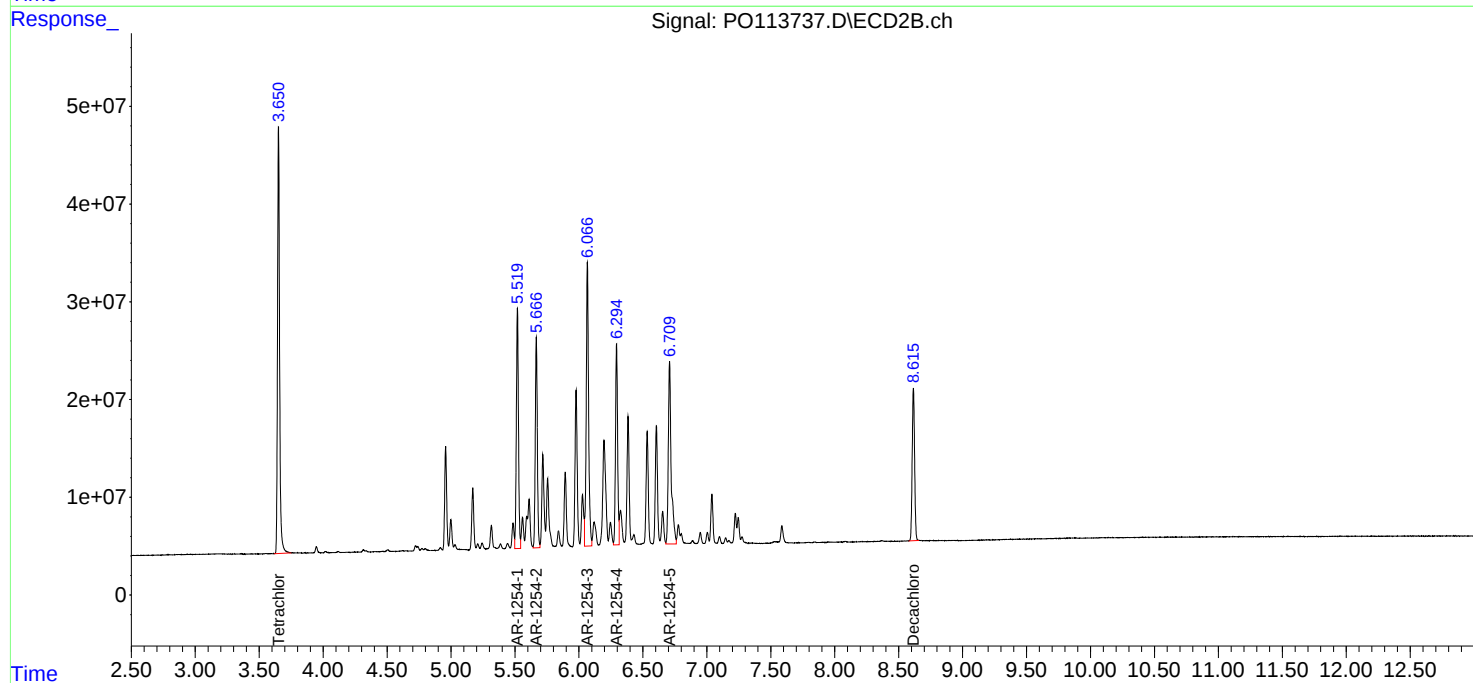
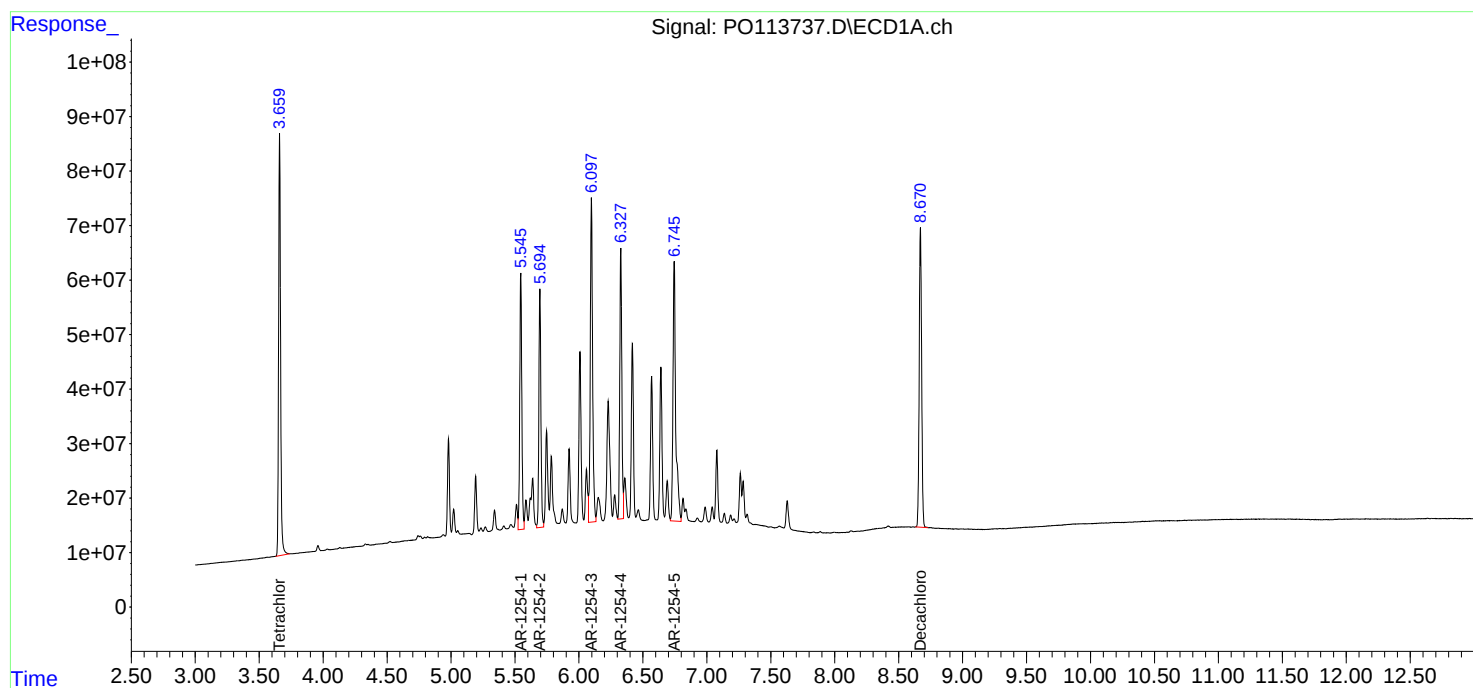
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113737.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 15:45
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 16:39:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 16:36:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113738.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 16:02
 Operator : YP/AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 16:42:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 16:36:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.658	3.651	636.3E6	374.3E6	75.068	74.866
2)	SA Decachlor...	8.668	8.613	552.3E6	155.6E6	74.727	74.646
Target Compounds							
26)	L6 AR-1254-1	5.544	5.518	402.1E6	217.0E6	742.146	745.382
27)	L6 AR-1254-2	5.693	5.666	366.4E6	188.0E6	739.478	745.446
28)	L6 AR-1254-3	6.096	6.065	570.3E6	285.2E6	741.389	746.594
29)	L6 AR-1254-4	6.326	6.293	424.0E6	181.9E6	744.553	746.305
30)	L6 AR-1254-5	6.743	6.708	550.0E6	223.6E6	745.976	745.051

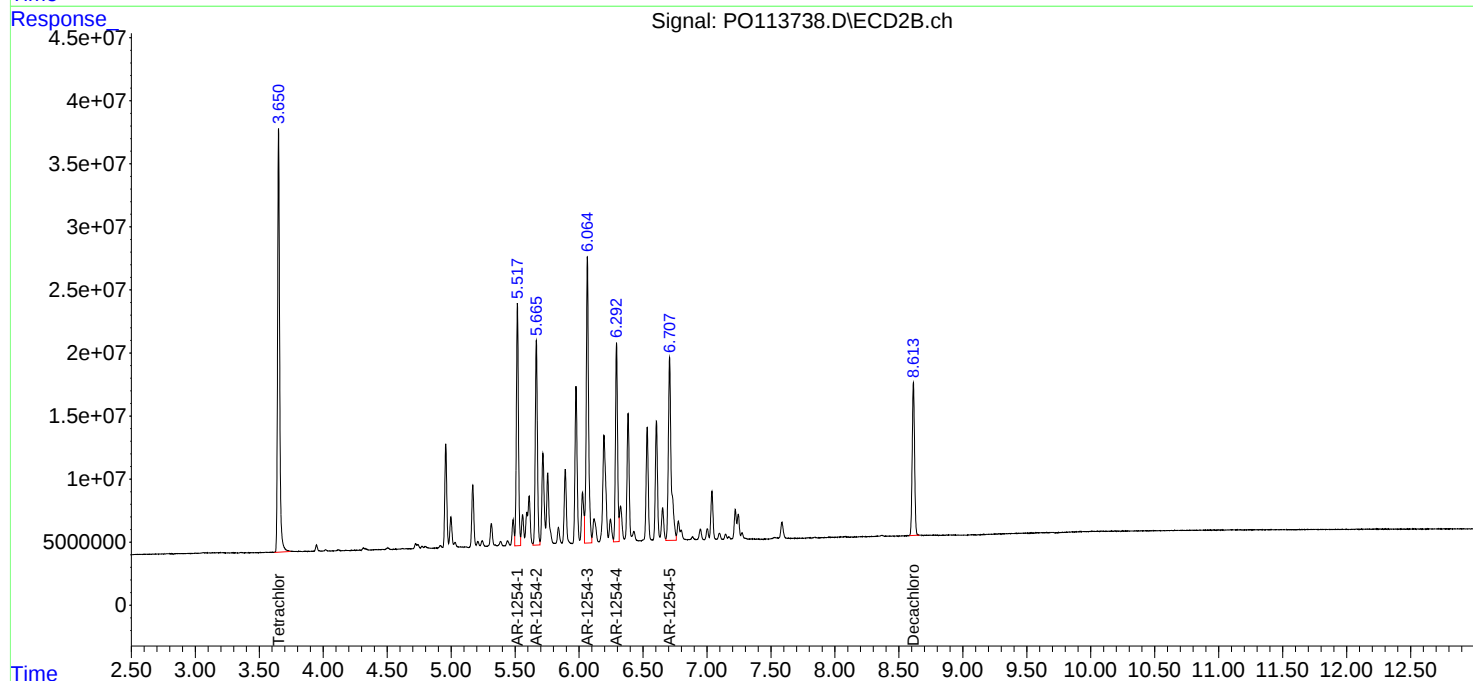
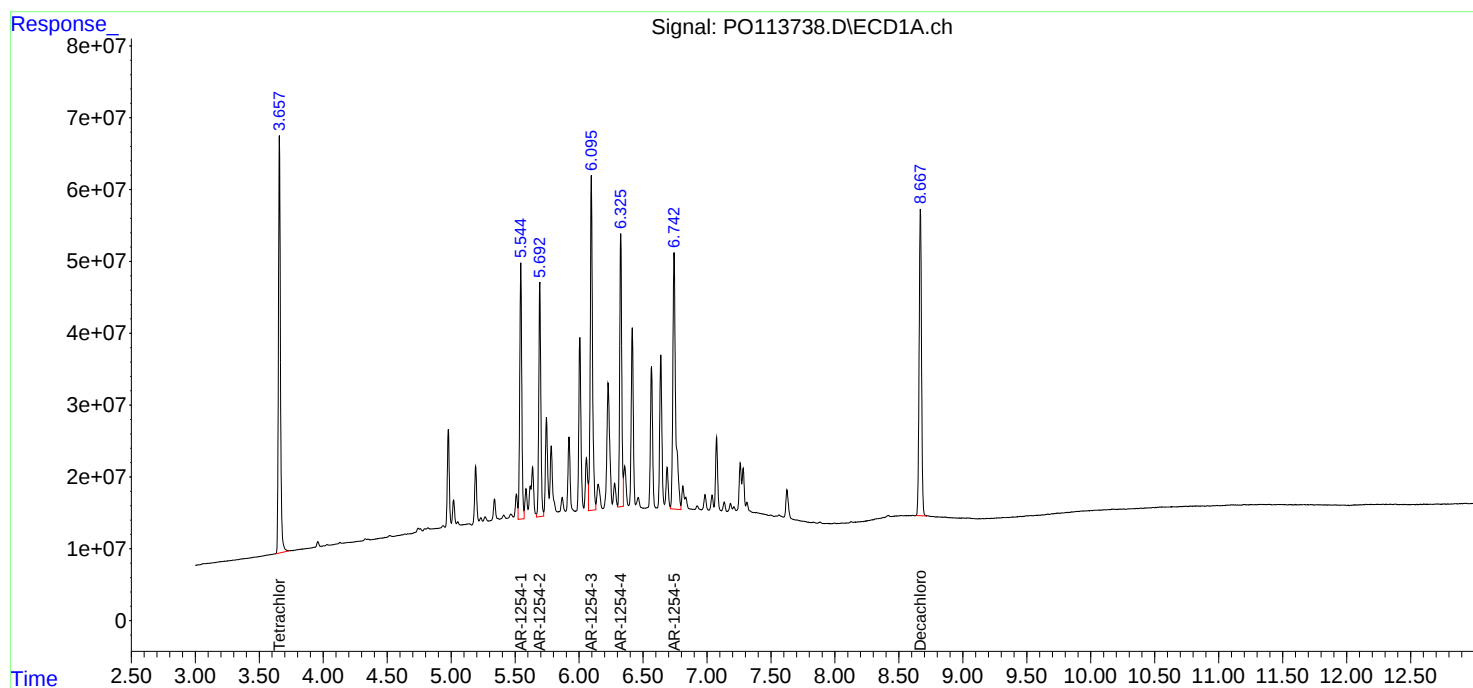
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113738.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 16:02
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 16:42:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 16:36:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113739.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 16:20
 Operator : YP/AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 16:36:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 16:36:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.651	431.0E6	255.1E6	50.000	50.000
2) SA Decachlor...	8.671	8.615	380.3E6	107.7E6	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	5.546	5.519	282.1E6	152.2E6	500.000	500.000
27) L6 AR-1254-2	5.695	5.667	259.8E6	132.4E6	500.000	500.000
28) L6 AR-1254-3	6.098	6.066	400.3E6	197.5E6	500.000	500.000
29) L6 AR-1254-4	6.327	6.294	294.0E6	126.5E6	500.000	500.000
30) L6 AR-1254-5	6.745	6.708	380.2E6	155.9E6	500.000	500.000

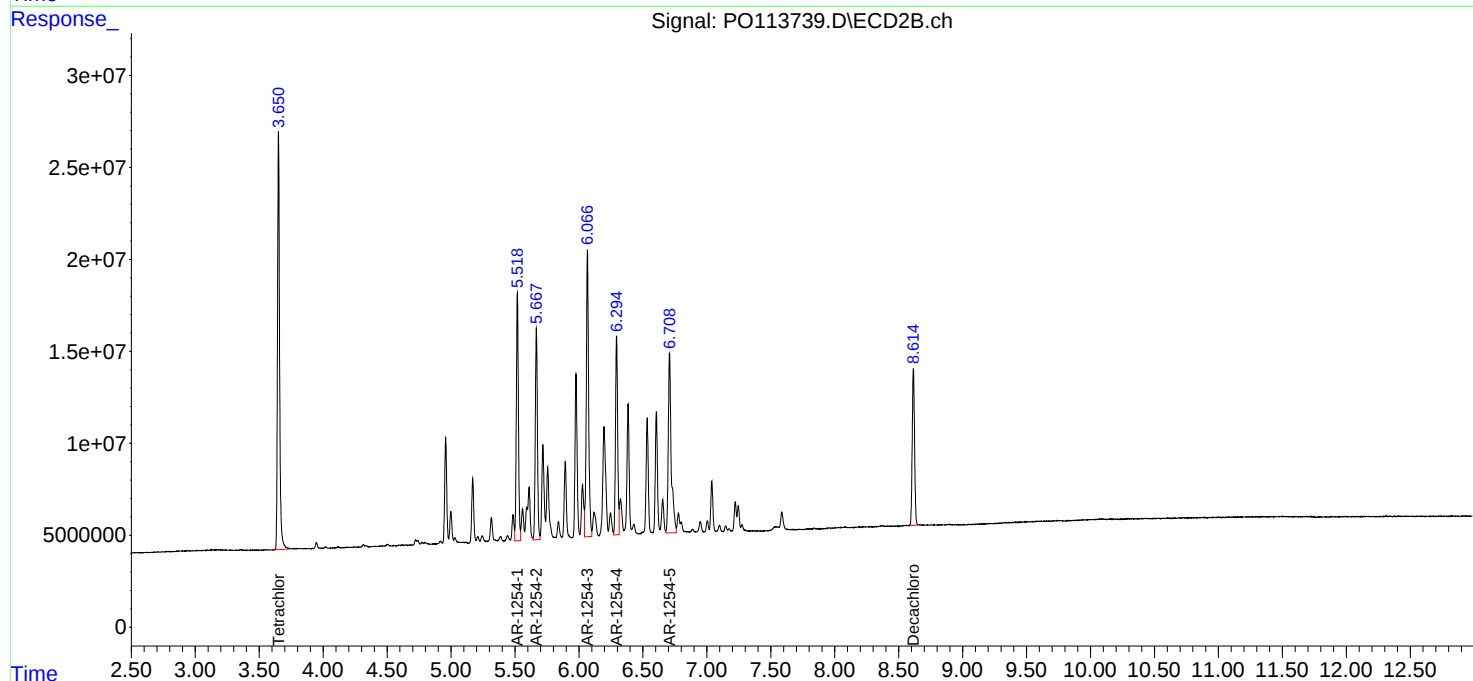
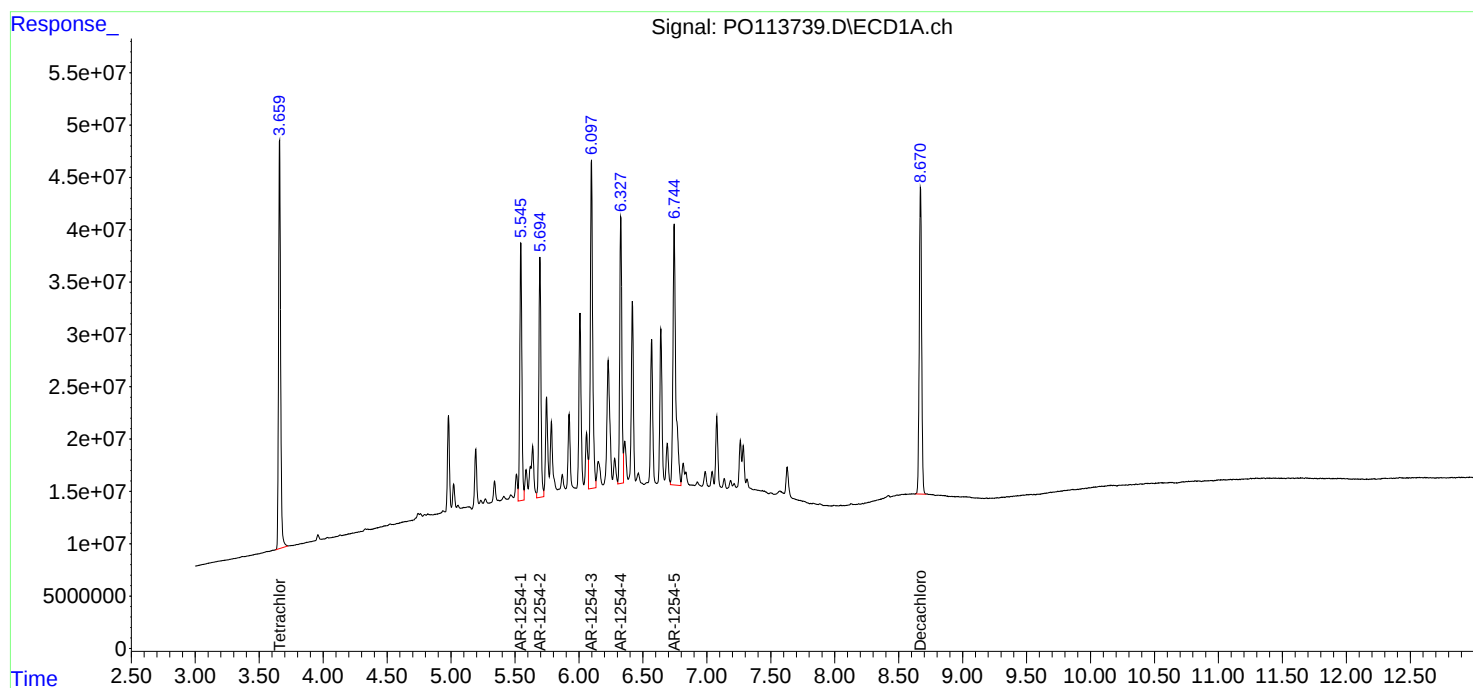
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113739.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 16:20
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 16:36:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 16:36:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113740.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 16:38
 Operator : YP/AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 16:53:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 16:52:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.658	3.650	227.0E6	135.8E6	26.310	26.589
2) SA Decachlor...	8.667	8.614	201.4E6	57331341	26.654	26.838
Target Compounds						
26) L6 AR-1254-1	5.545	5.518	155.3E6	84783533	276.504	279.737
27) L6 AR-1254-2	5.693	5.667	145.8E6	73758590	281.747	280.535
28) L6 AR-1254-3	6.096	6.066	222.6E6	108.3E6	278.402	274.343
29) L6 AR-1254-4	6.326	6.294	161.6E6	69525562	274.556	275.529
30) L6 AR-1254-5	6.743	6.708	198.8E6	85059150	264.465	274.289

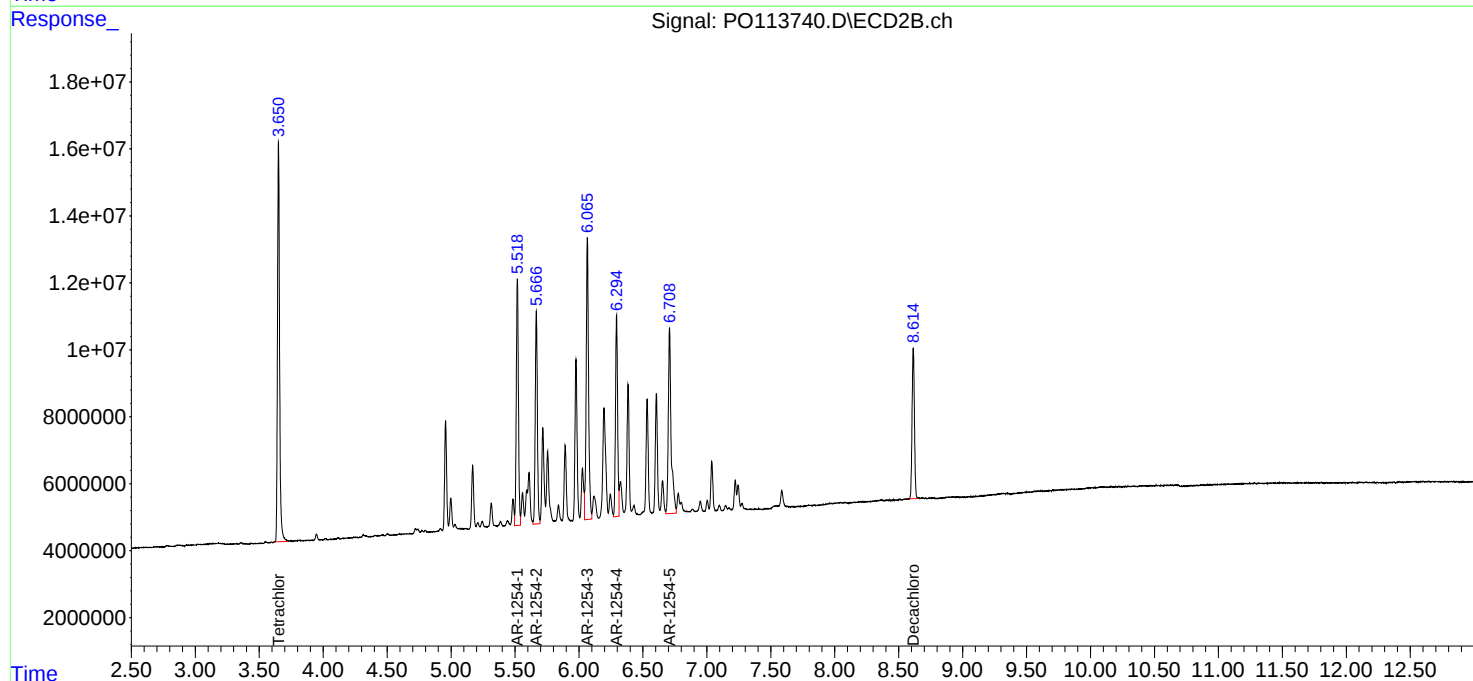
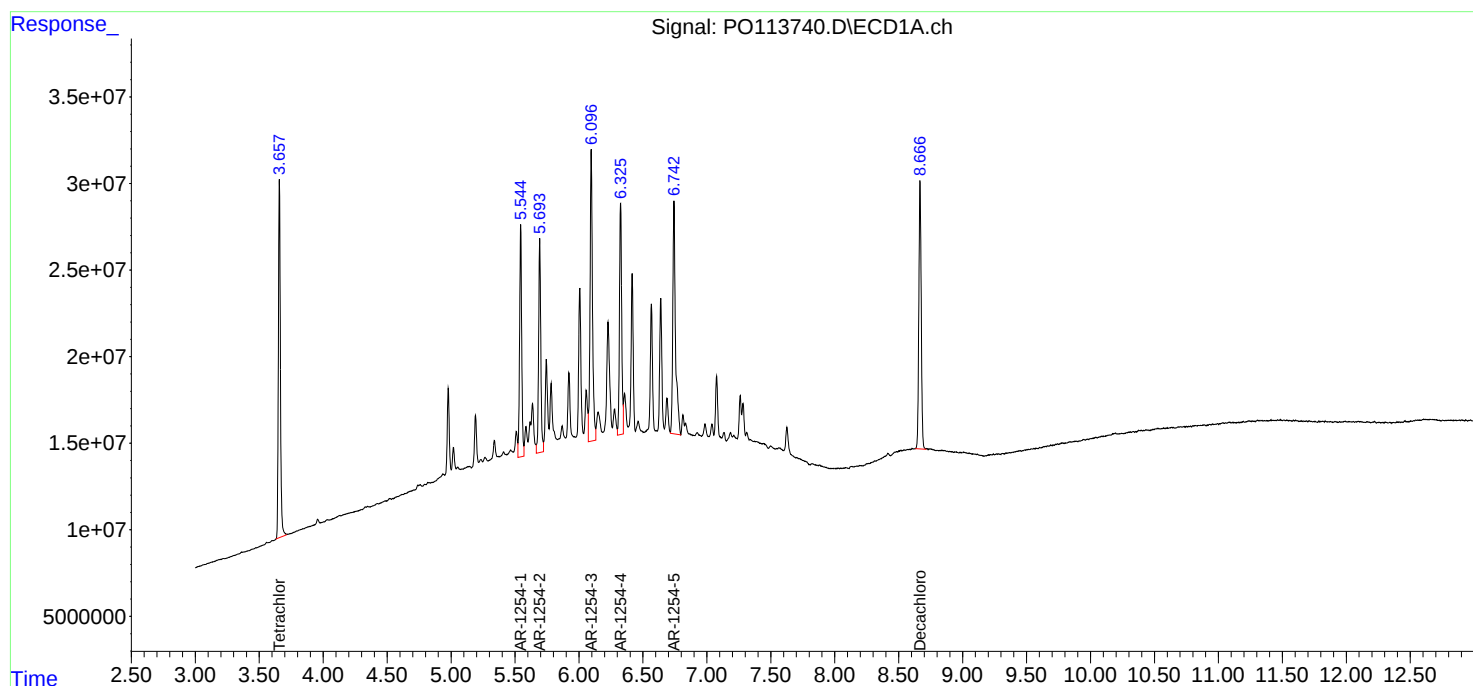
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 16:38
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 16:53:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 16:52:59 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 17:14
 Operator : YP/AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 19:39:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 15 19:39:15 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...	3.660	3.651	32604883	21214123	3.973	4.299
2) SA Decachlor...	8.671	8.615	30383689	8729895	4.184	4.242
Target Compounds						
26) L6 AR-1254-1	5.546	5.518	23962057	14982815	43.722m	49.547
27) L6 AR-1254-2	5.696	5.666	23644186	13435529	47.101m	50.877
28) L6 AR-1254-3	6.098	6.066	35630196	17869805	45.808m	46.137
29) L6 AR-1254-4	6.326	6.293	18974714	8881039	34.957m	37.411
30) L6 AR-1254-5	6.746	6.709	35724526	14721584	47.995	47.957

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO091525\
Data File : PO113741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 17:14
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 49 Sample Multiplier: 1

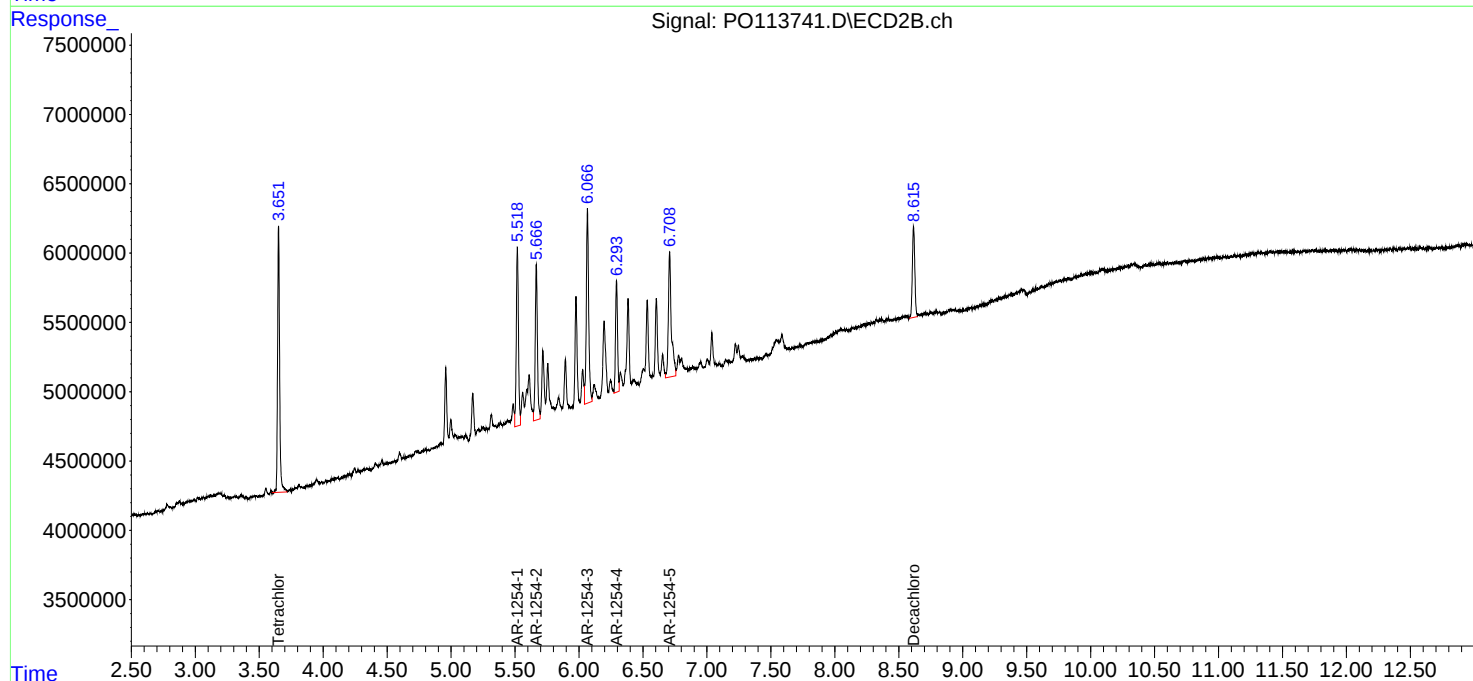
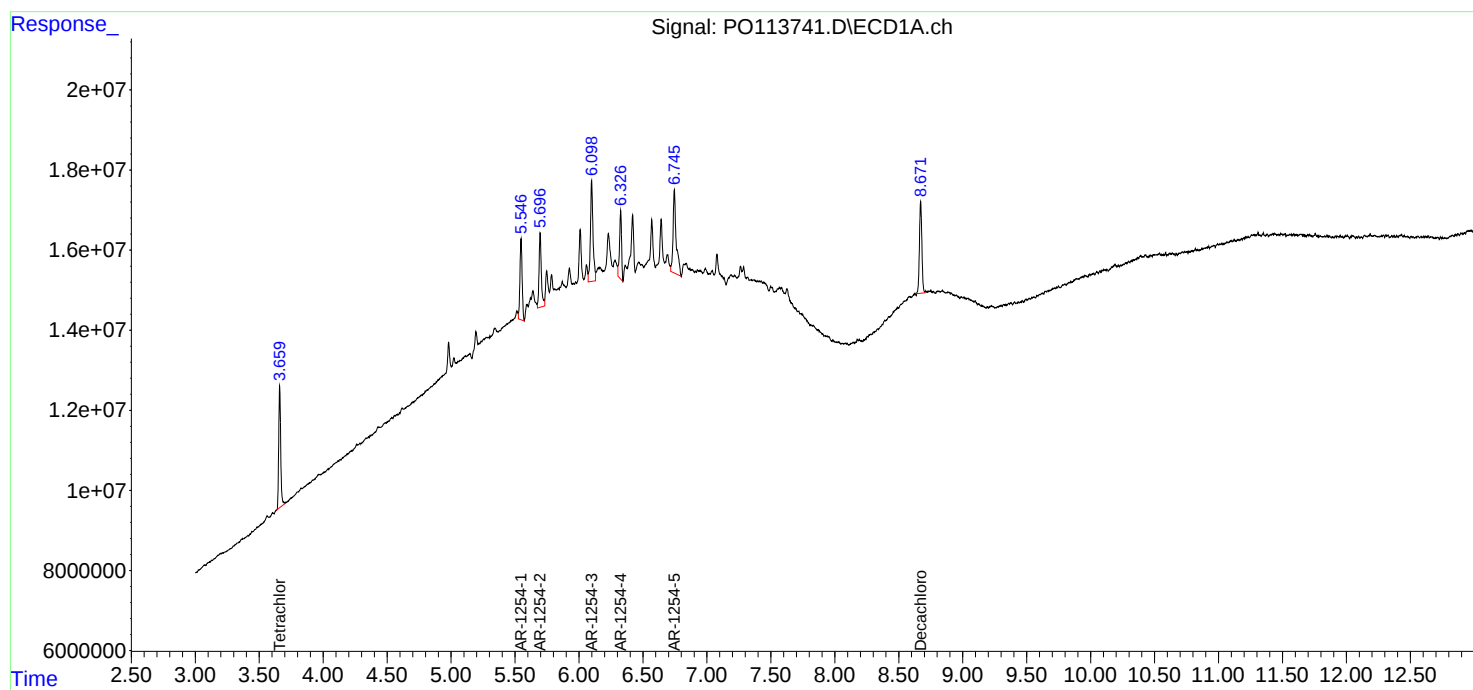
Instrument :
ECD_0
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 19:39:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 19:39:15 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_0\Data\P0091525\
 Data File : P0113742.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 17:33
 Operator : YP/AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 01:50:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 01:47:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.659	3.650	426.8E6	253.6E6	50.000	50.000
2)	SA Decachlor...	8.669	8.615	383.5E6	108.0E6	50.000	50.000
Target Compounds							
36)	L8 AR-1262-1	6.783	6.747	496.2E6	183.1E6	500.000	500.000
37)	L8 AR-1262-2	7.286	7.246	792.1E6	228.3E6	500.000	500.000
38)	L8 AR-1262-3	7.567	7.526	279.6E6	87099423	500.000	500.000
39)	L8 AR-1262-4	7.632	7.591	500.1E6	139.0E6	500.000	500.000
40)	L8 AR-1262-5	8.127	8.082	199.6E6	56842713	500.000	500.000

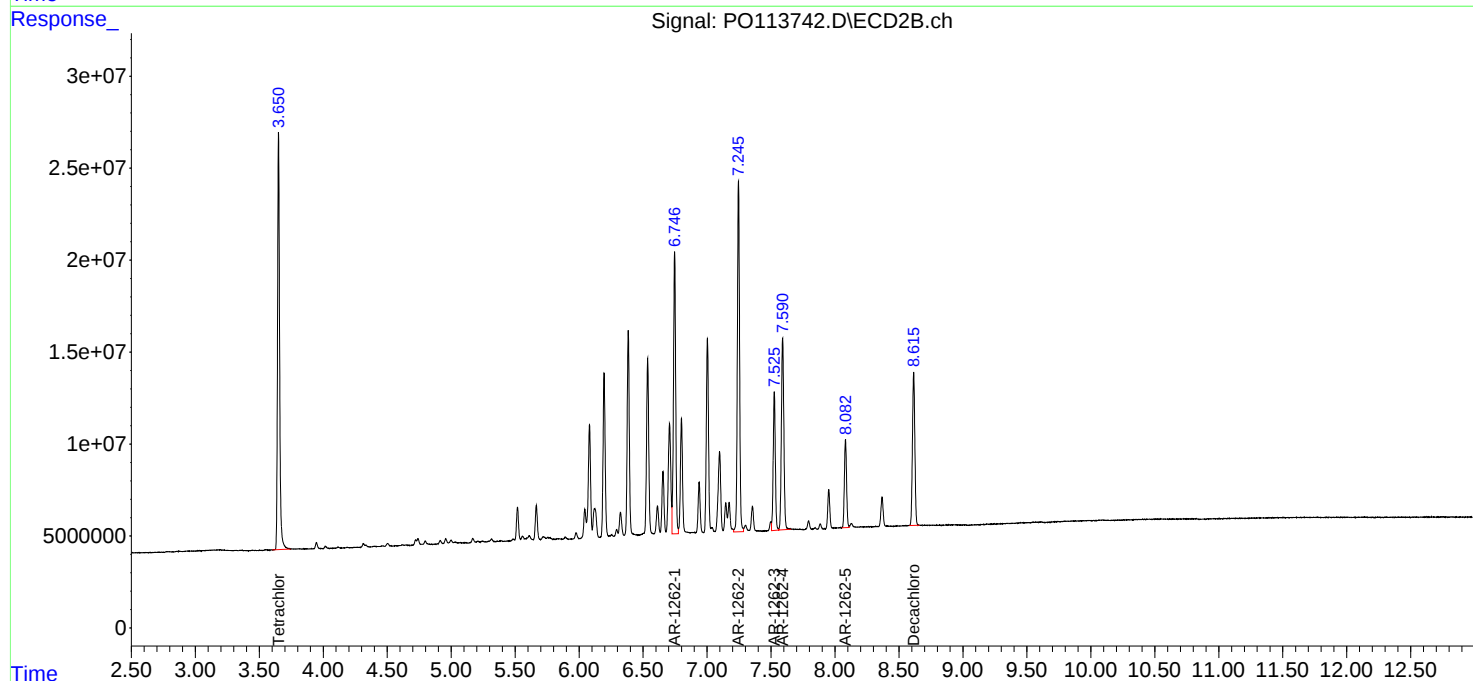
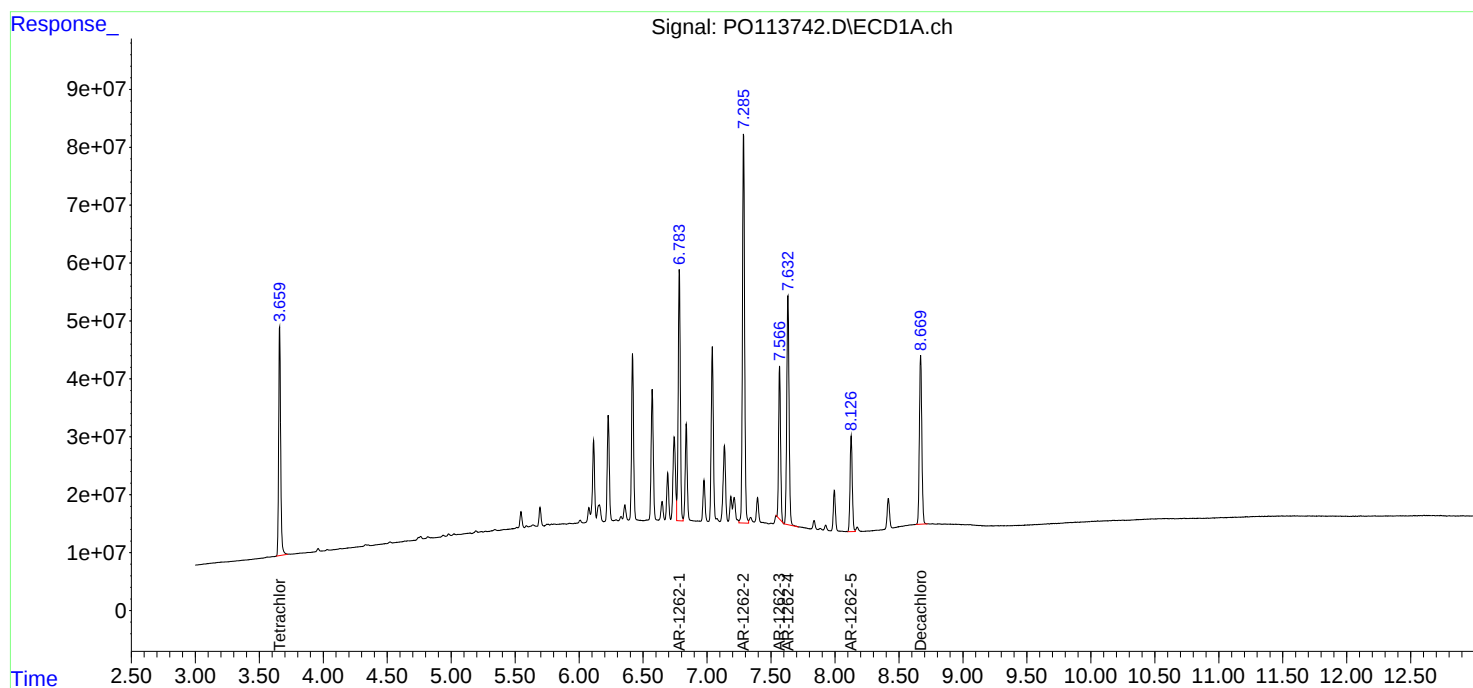
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113742.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 17:33
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 01:50:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 01:47:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113743.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 17:51
 Operator : YP/AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 02:03:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:01:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.660	3.651	865.0E6	509.2E6	99.055	98.843
2) SA Decachlor...	8.670	8.616	1381.3E6	381.2E6	99.482	97.437
Target Compounds						
41) L9 AR-1268-1	7.568	7.528	1758.9E6	463.8E6	984.979	956.606
42) L9 AR-1268-2	7.634	7.593	1483.0E6	382.6E6	983.516	955.801
43) L9 AR-1268-3	7.837	7.796	1211.4E6	309.5E6	976.404	960.140
44) L9 AR-1268-4	8.127	8.084	446.3E6	126.2E6	970.520	979.192
45) L9 AR-1268-5	8.419	8.369	3223.0E6	880.6E6	1011.065	983.971

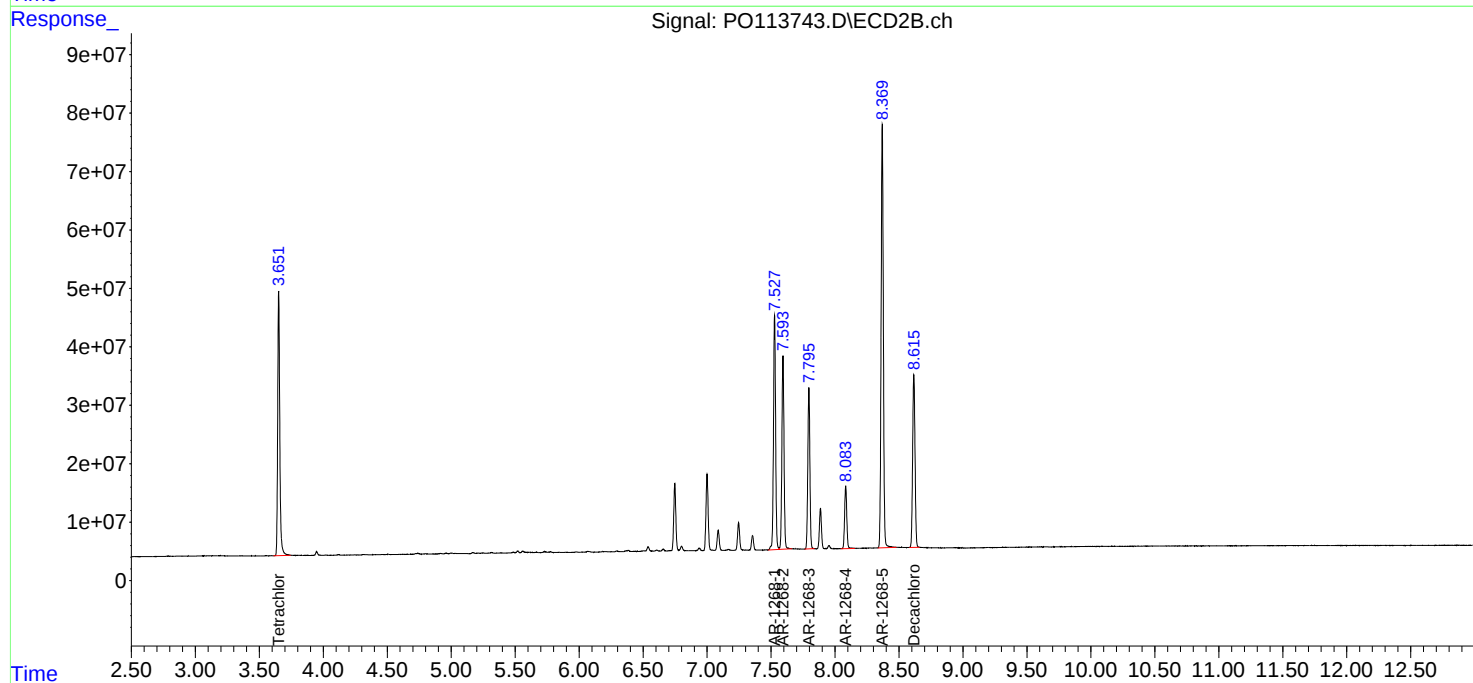
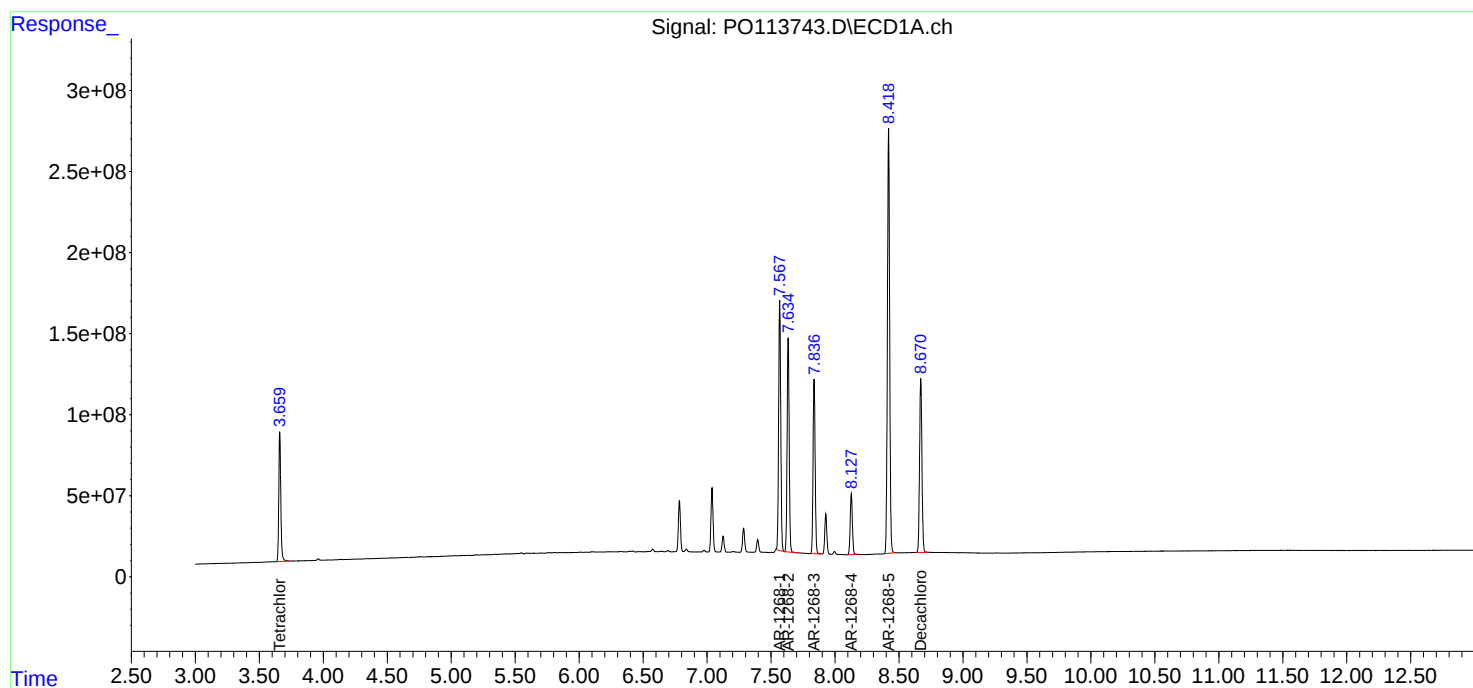
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 17:51
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:03:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 18:10
 Operator : YP/AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 02:03:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:01:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.660	3.651	631.3E6	372.8E6	72.285	72.363
2) SA Decachlor...	8.669	8.614	1006.0E6	280.2E6	72.451	71.610
Target Compounds						
41) L9 AR-1268-1	7.566	7.525	1282.4E6	345.8E6	718.100	713.212
42) L9 AR-1268-2	7.633	7.591	1087.7E6	286.0E6	721.344	714.685
43) L9 AR-1268-3	7.836	7.794	893.2E6	230.7E6	719.893	715.611
44) L9 AR-1268-4	8.126	8.082	329.5E6	91925617	716.601	713.429
45) L9 AR-1268-5	8.417	8.368	2320.8E6	642.3E6	728.041	717.663

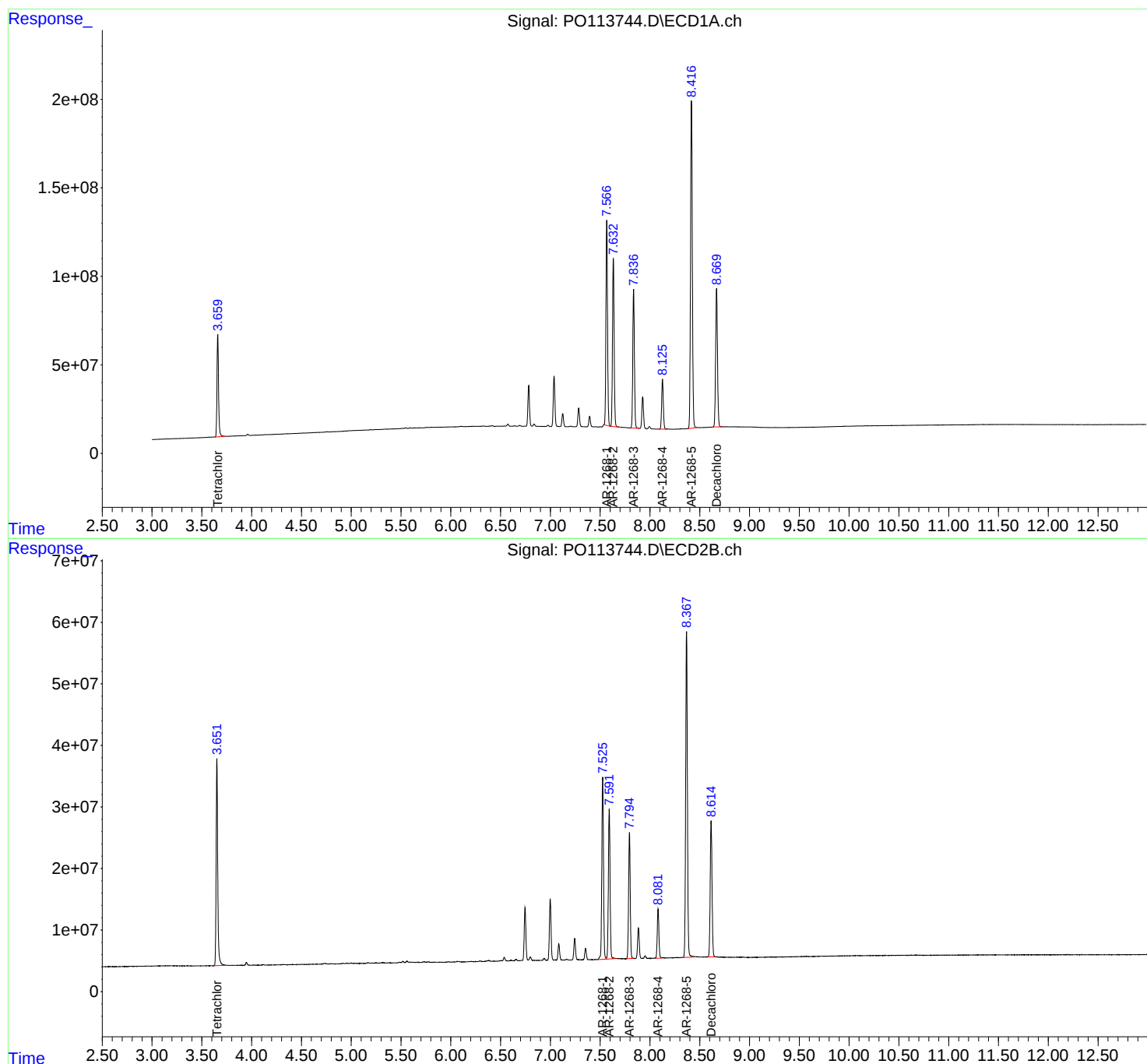
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO091525\
Data File : PO113744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 18:10
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:03:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 18:27
 Operator : YP/AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 02:03:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:01:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.658	3.651	436.7E6	257.6E6	50.000	50.000
2) SA Decachlor...	8.669	8.614	694.3E6	195.6E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	7.567	7.526	892.9E6	242.4E6	500.000	500.000
42) L9 AR-1268-2	7.632	7.592	753.9E6	200.1E6	500.000	500.000
43) L9 AR-1268-3	7.836	7.794	620.4E6	161.2E6	500.000	500.000
44) L9 AR-1268-4	8.125	8.082	229.9E6	64425183	500.000	500.000
45) L9 AR-1268-5	8.417	8.368	1593.8E6	447.5E6	500.000	500.000

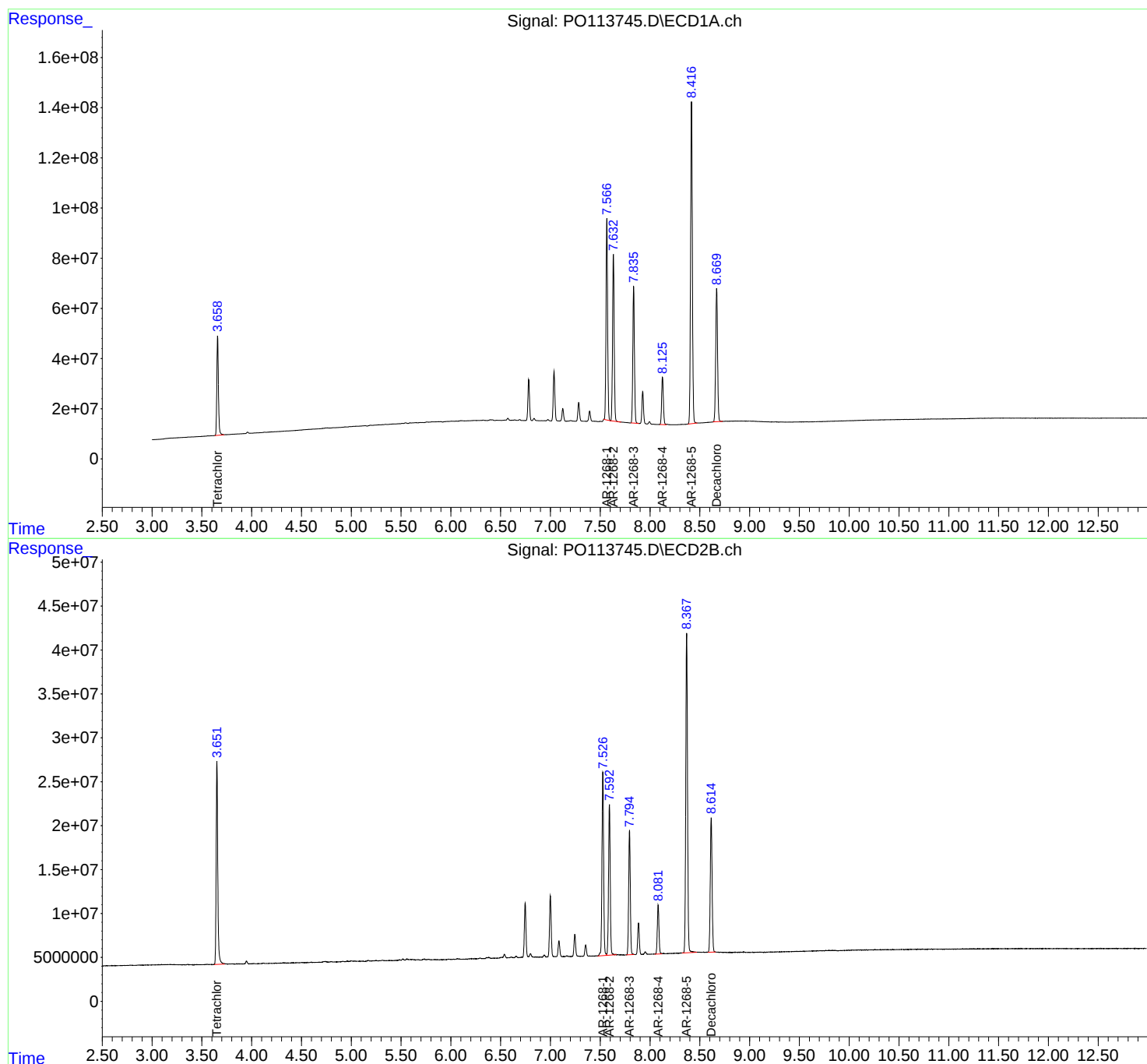
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 18:27
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:03:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113746.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 18:45
 Operator : YP/AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 02:04:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:01:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.651	237.7E6	142.4E6	27.220	27.635
2) SA Decachlor...	8.670	8.615	376.2E6	108.7E6	27.093	27.779
Target Compounds						
41) L9 AR-1268-1	7.567	7.526	486.3E6	138.1E6	272.310	284.836
42) L9 AR-1268-2	7.633	7.592	409.7E6	112.7E6	271.717	281.690
43) L9 AR-1268-3	7.837	7.794	338.7E6	90329232	272.965	280.208
44) L9 AR-1268-4	8.126	8.082	124.8E6	35449635	271.479	275.123
45) L9 AR-1268-5	8.418	8.368	854.3E6	245.3E6	267.989	274.088

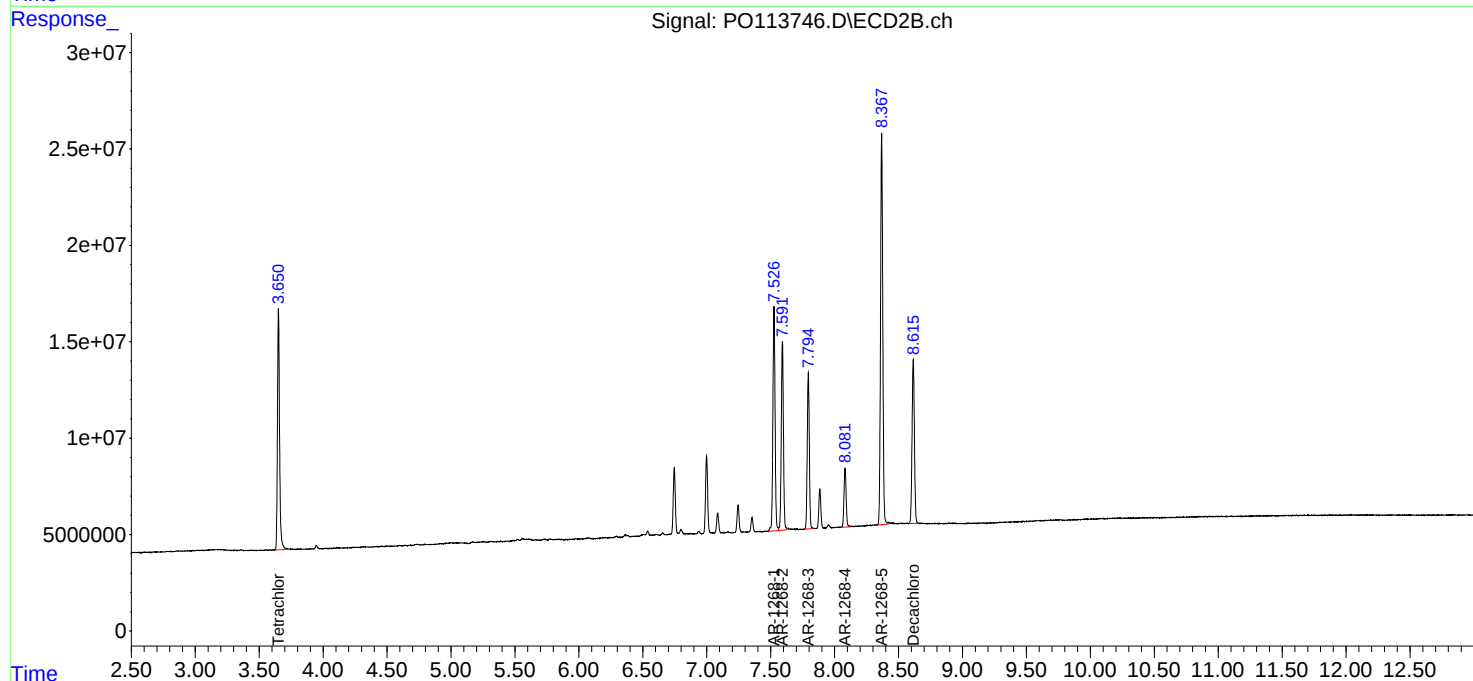
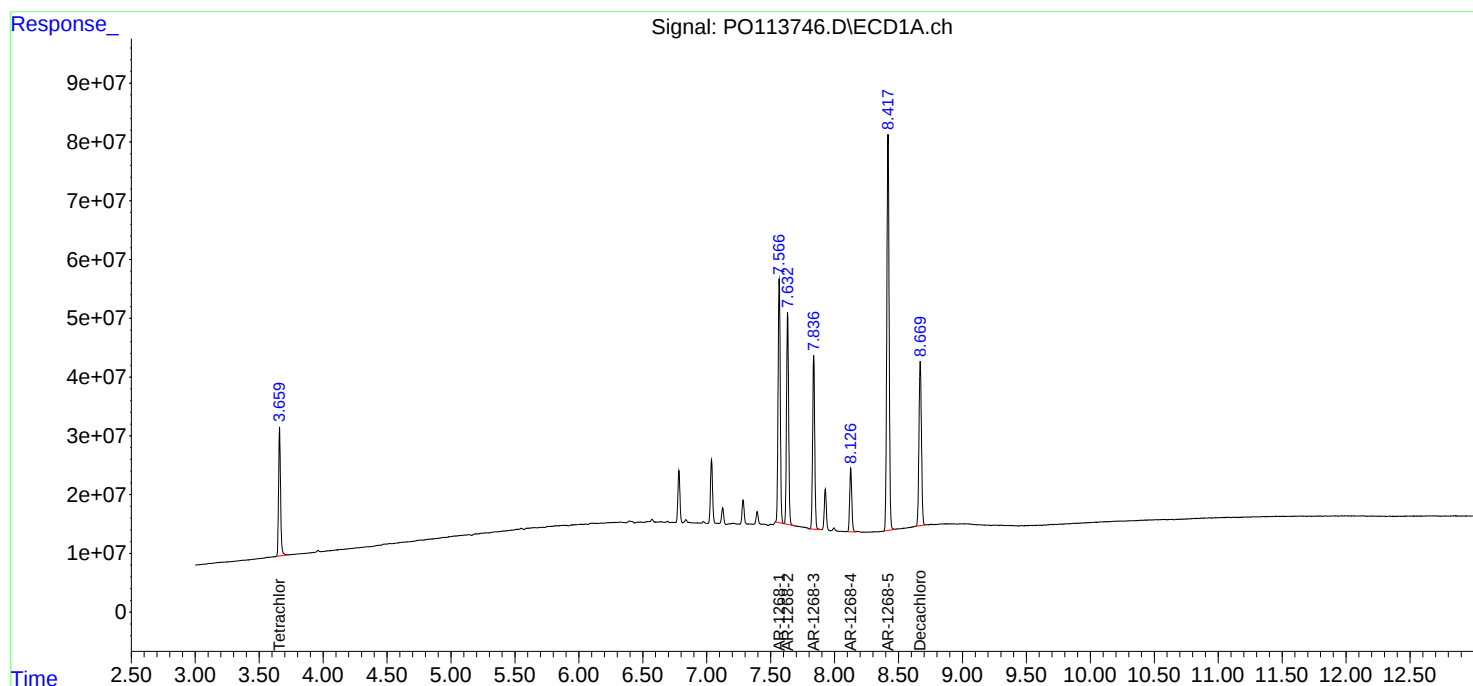
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113746.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 18:45
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:04:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0091525\
 Data File : P0113747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 19:21
 Operator : YP/AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 02:19:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:01:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	33720326	21028789	3.567m	3.698m
2) SA Decachlor...	8.669	8.614	59999796	17591430	3.987	4.109
Target Compounds						
41) L9 AR-1268-1	7.567	7.525	82715552	23926524	42.364	43.669m
42) L9 AR-1268-2	7.633	7.591	68138068	18835061	41.307	41.950m
43) L9 AR-1268-3	7.835	7.794	55807392	16548138	41.472m	46.525m
44) L9 AR-1268-4	8.127	8.082	21450005	5726150	43.328	40.814
45) L9 AR-1268-5	8.418	8.368	134.1E6	39149700	38.910	39.977

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113747.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 19:21
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 50 Sample Multiplier: 1

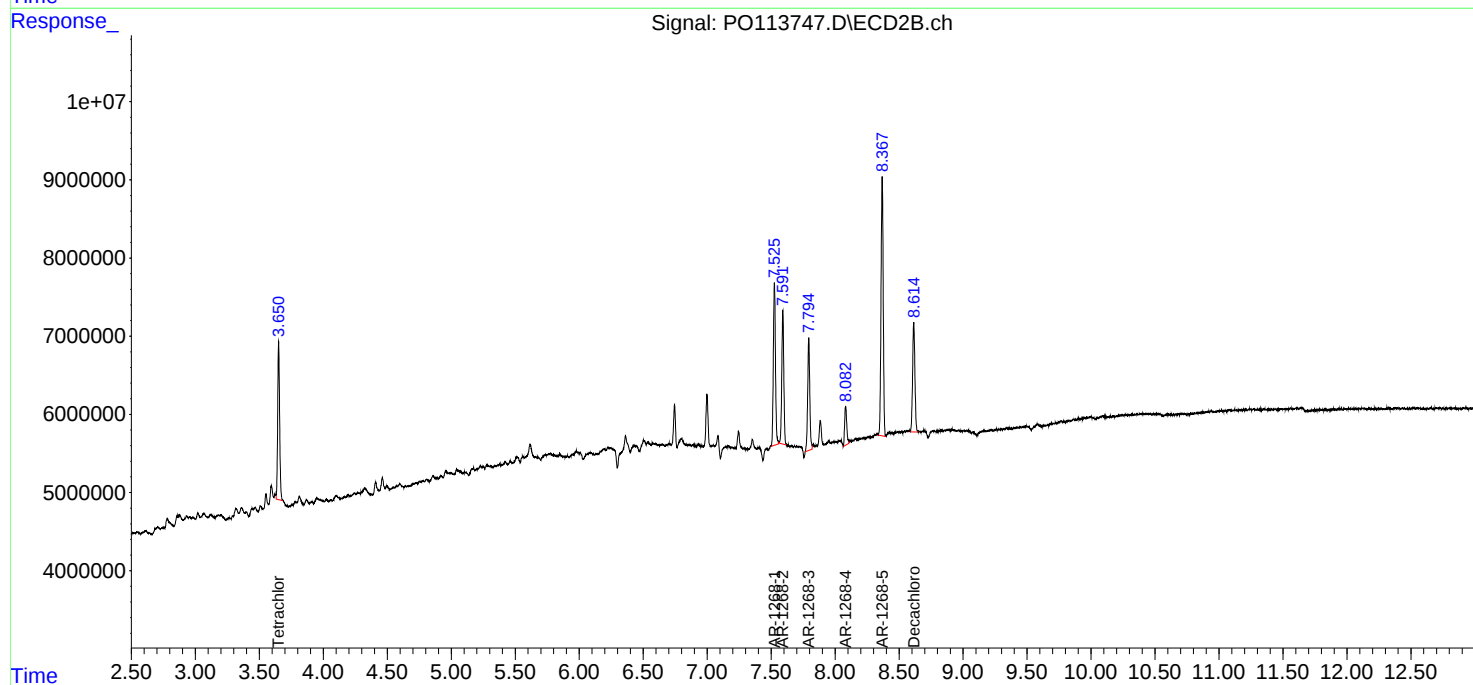
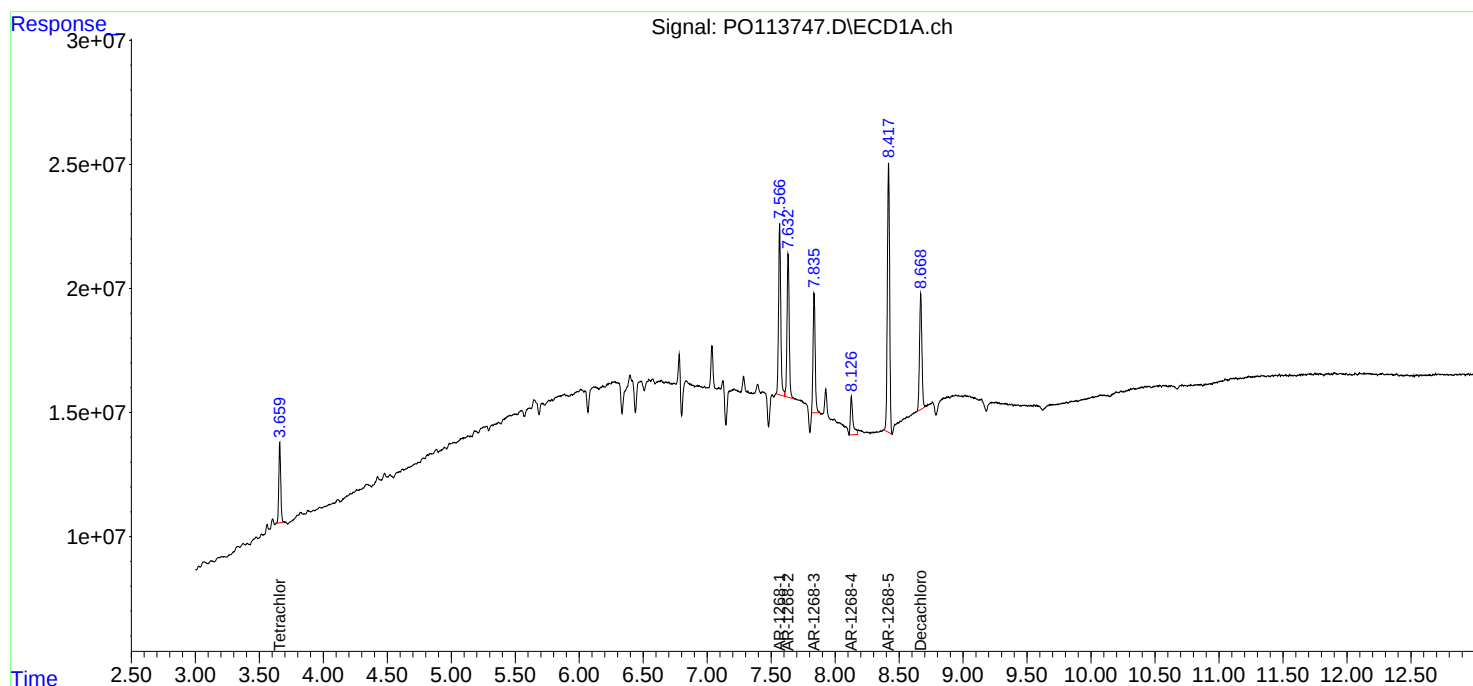
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:19:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0091525\
 Data File : P0113748.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 19:40
 Operator : YP/AJ
 Sample : P0091525ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 ICVPO091525

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 03:17:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:49:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.660	3.651	421.1E6	252.3E6	47.750	47.245
2) SA Decachlor...	8.670	8.615	368.7E6	107.8E6	55.107	51.617
Target Compounds						
3) L1 AR-1016-1	4.743	4.723	139.9E6	84089553	460.962	461.418
4) L1 AR-1016-2	4.761	4.740	212.9E6	126.5E6	467.739	456.868
5) L1 AR-1016-3	4.818	4.916	135.0E6	68594551	451.043	459.307
6) L1 AR-1016-4	4.938	4.958	109.1E6	55712186	453.898	461.540
7) L1 AR-1016-5	5.194	5.169	122.7E6	71059159	511.019	473.519
31) L7 AR-1260-1	6.229	6.196	241.9E6	115.4E6	493.521	459.332
32) L7 AR-1260-2	6.419	6.384	365.4E6	150.9E6	477.120	456.489
33) L7 AR-1260-3	6.783	6.535	329.0E6	123.7E6	488.937	441.186
34) L7 AR-1260-4	7.042	7.003	241.8E6	88225295	558.825	461.402
35) L7 AR-1260-5	7.285	7.246	634.2E6	195.2E6	559.829m	458.660

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 19:40
Operator : YP/AJ
Sample : PO091525ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

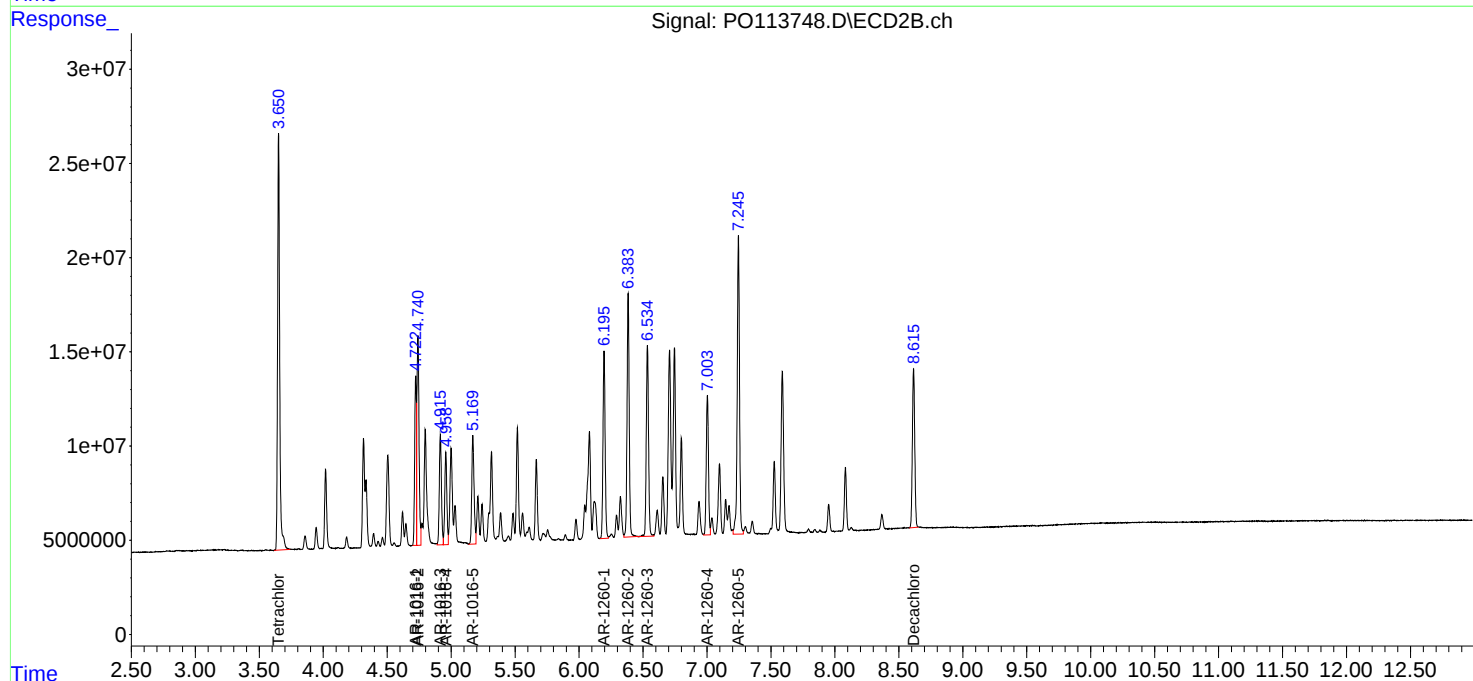
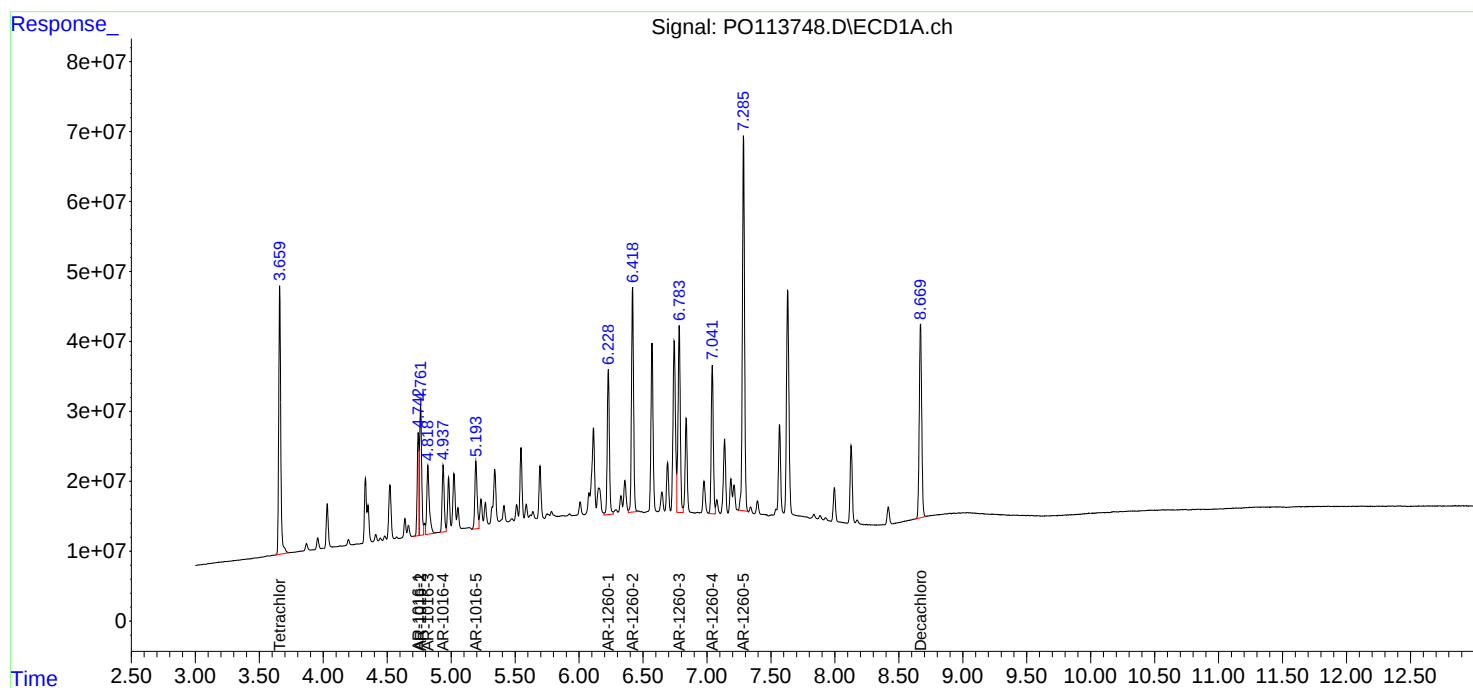
Instrument :
ECD_O
ClientSampleId :
ICVPO091525

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:17:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113749.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 20:16
 Operator : YP/AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO091525AR1242

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 03:17:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:49:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.657	3.650	441.4E6	263.1E6	50.044	49.252
2) SA Decachlor...	8.668	8.614	381.6E6	113.9E6	57.032	54.539
Target Compounds						
16) L4 AR-1242-1	4.740	4.722	123.8E6	74583010	557.090	546.627
17) L4 AR-1242-2	4.758	4.740	191.7E6	114.6E6	570.198	552.993
18) L4 AR-1242-3	4.816	4.915	121.2E6	61579269	563.714	530.803
19) L4 AR-1242-4	4.935	4.999	96419332	59974944	551.225	521.534
20) L4 AR-1242-5	5.585	5.517	115.6E6	74740078	552.190	526.903

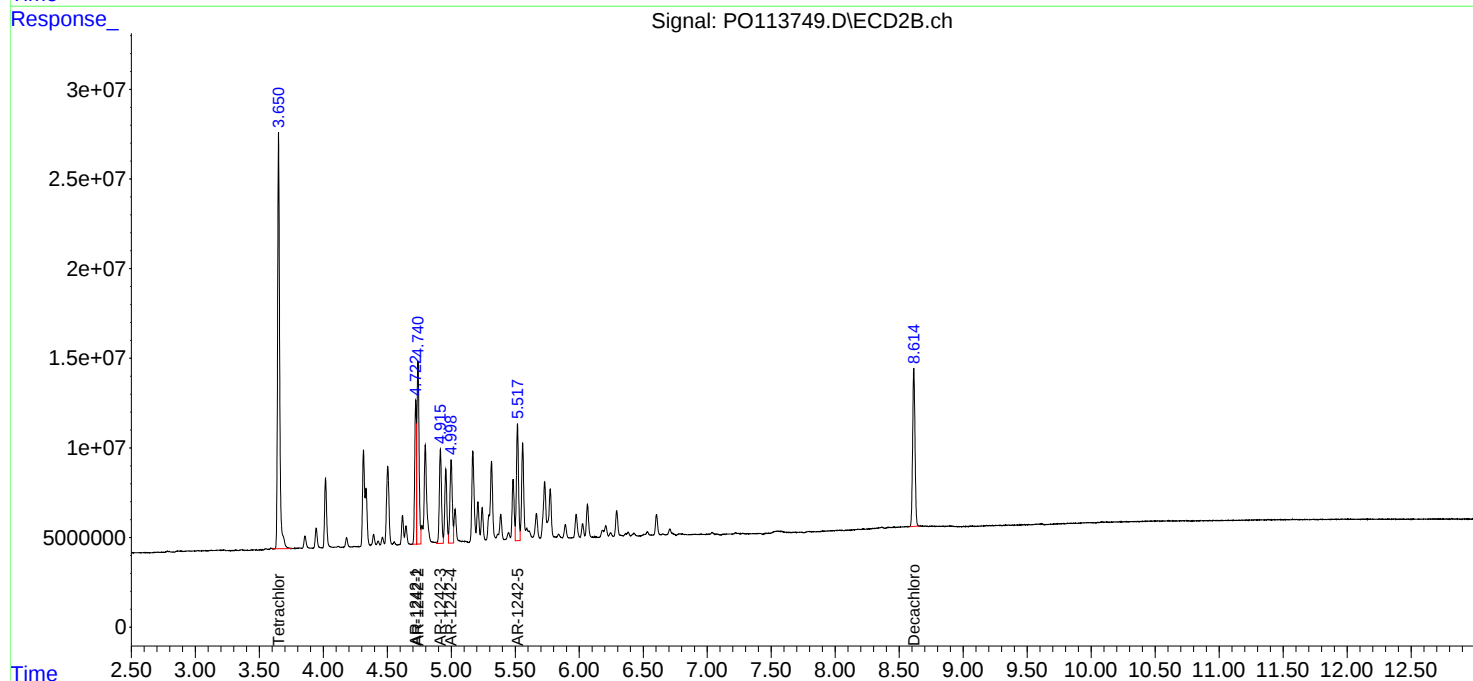
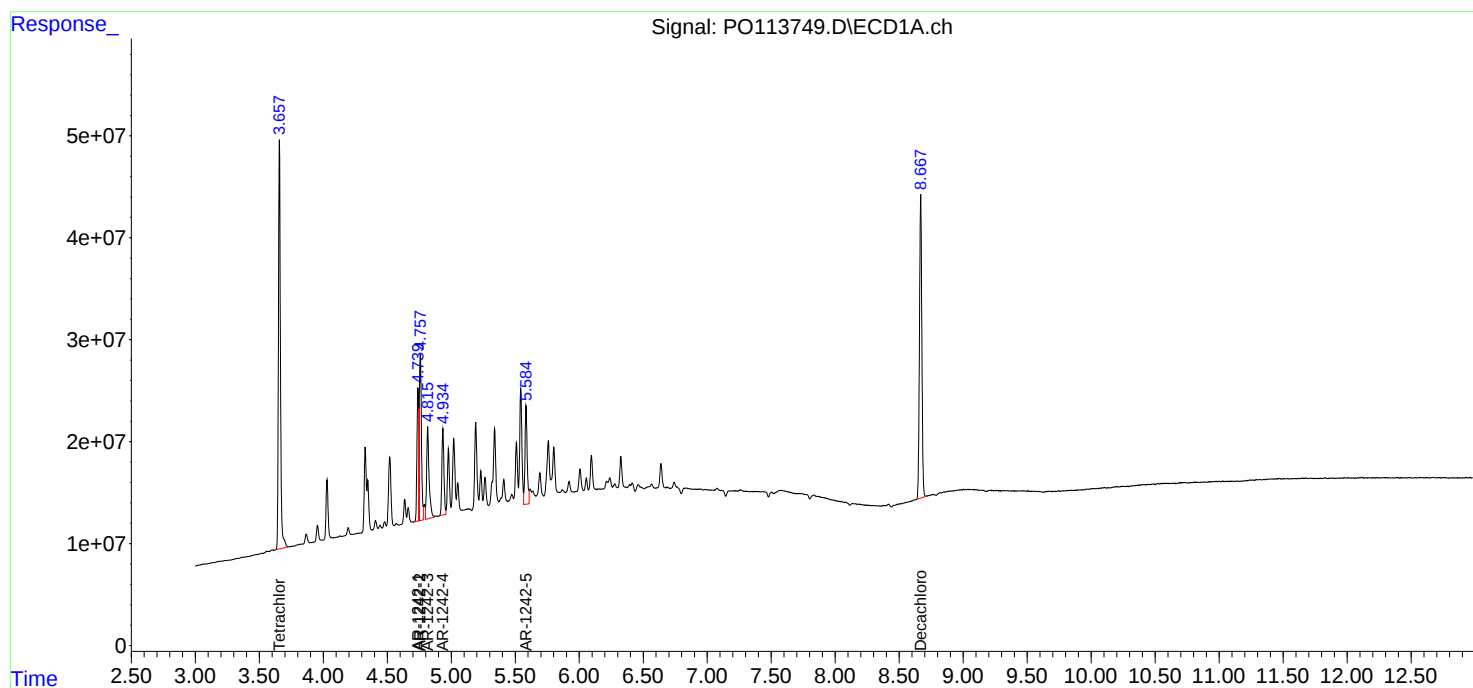
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113749.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 20:16
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 21:11
 Operator : YP/AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO091525AR1248

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 03:17:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:49:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	438.0E6	259.4E6	49.663	48.576
2) SA Decachlor...	8.670	8.614	383.1E6	115.5E6	57.257	55.337
Target Compounds						
21) L5 AR-1248-1	4.742	4.722	94445285	58206014	523.909	532.408
22) L5 AR-1248-2	4.980	4.958	129.9E6	82371105	534.029	522.742
23) L5 AR-1248-3	5.193	4.999	171.2E6	86721195	527.568	519.554
24) L5 AR-1248-4	5.545	5.169	270.3E6	100.9E6	540.341	519.466
25) L5 AR-1248-5	5.587	5.558	189.4E6	102.3E6	560.046	504.416

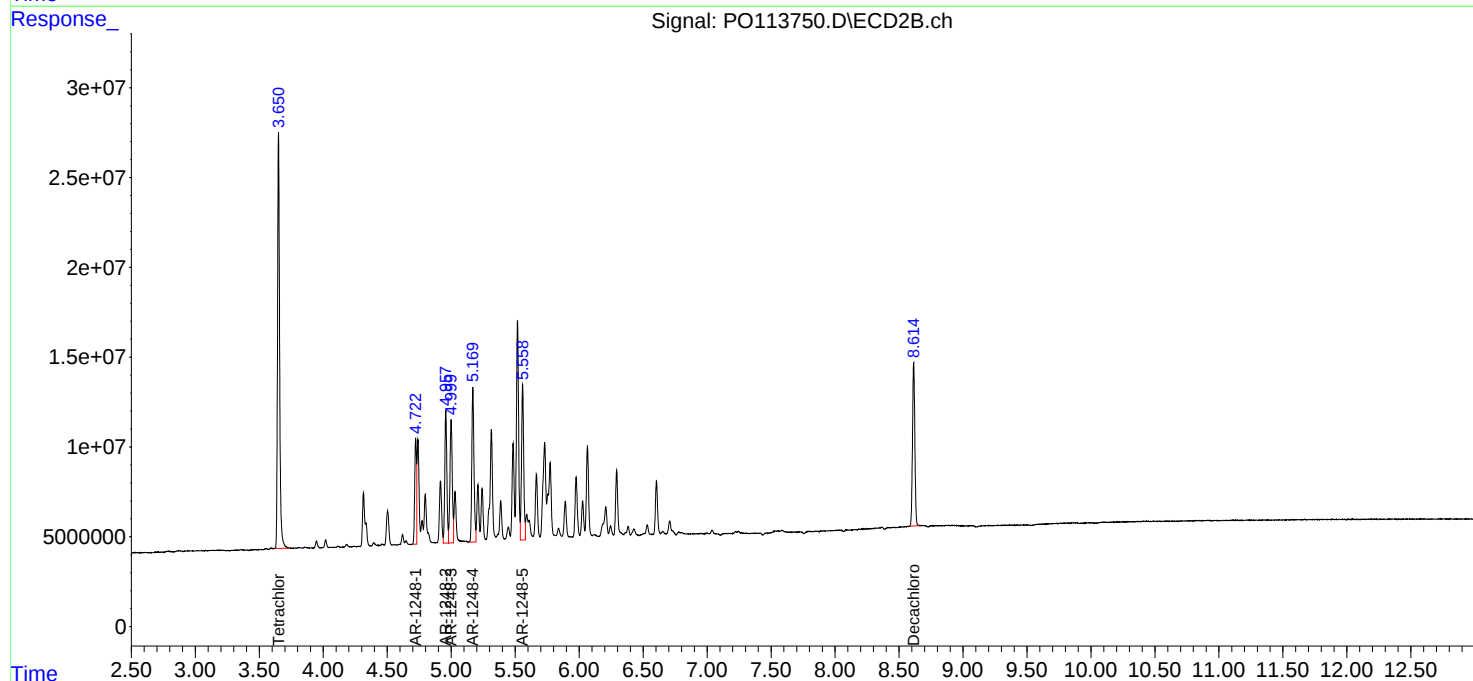
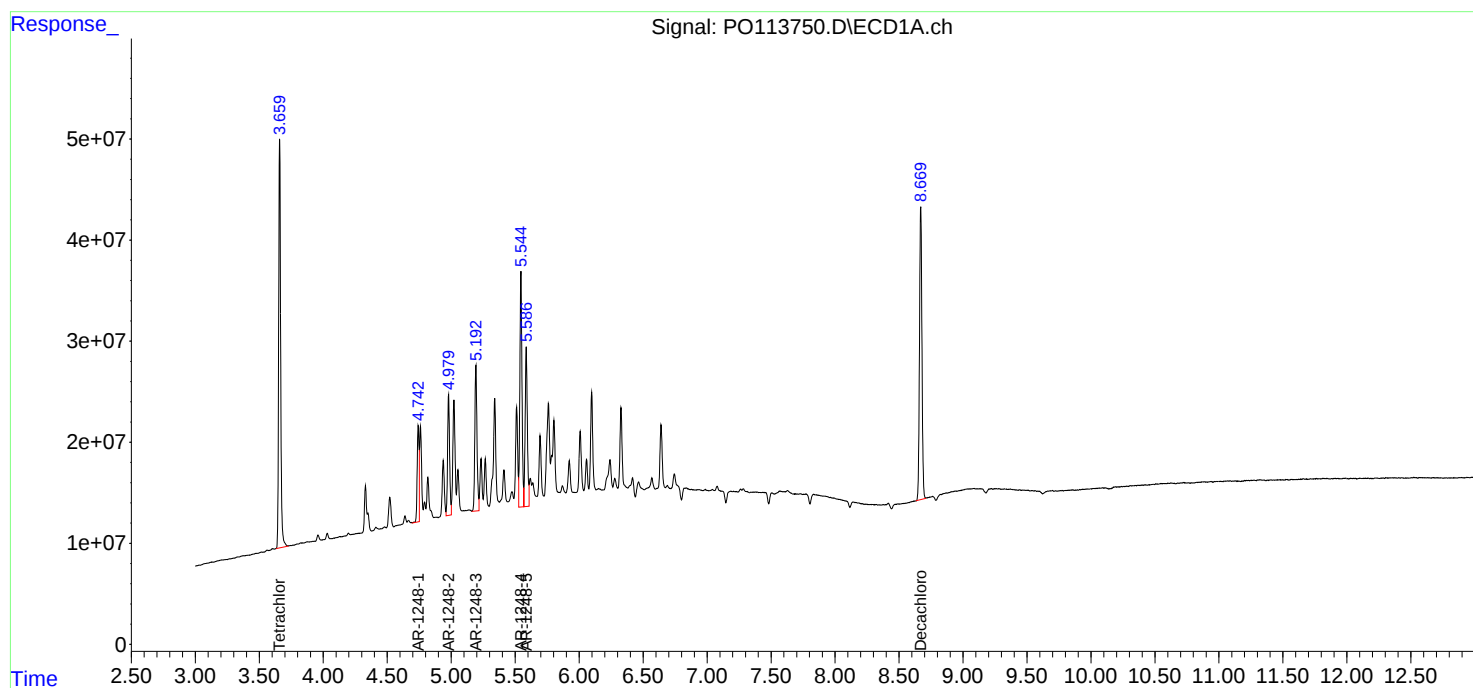
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 21:11
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:17:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113751.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 22:05
 Operator : YP/AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO091525AR1254

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 03:31:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:49:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.660	3.651	440.3E6	259.3E6	49.924	48.556
2) SA Decachlor...	8.670	8.614	371.3E6	112.9E6	55.506	54.082
Target Compounds						
26) L6 AR-1254-1	5.546	5.518	282.3E6	154.3E6	517.827	510.406
27) L6 AR-1254-2	5.695	5.666	257.8E6	134.1E6	507.105	507.836
28) L6 AR-1254-3	6.098	6.065	403.2E6	201.1E6	515.520	519.138
29) L6 AR-1254-4	6.327	6.293	292.8E6	127.5E6	535.416	537.239
30) L6 AR-1254-5	6.745	6.708	386.2E6	158.2E6	518.905	515.275

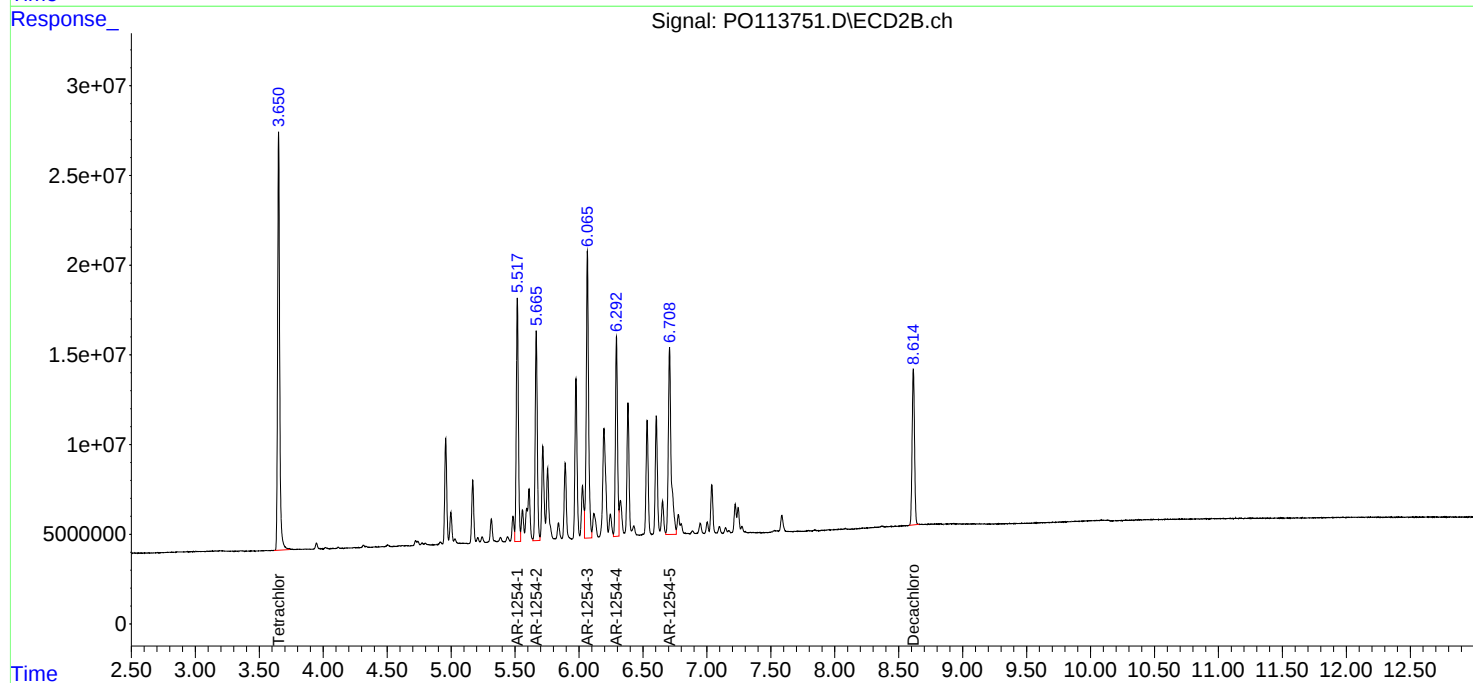
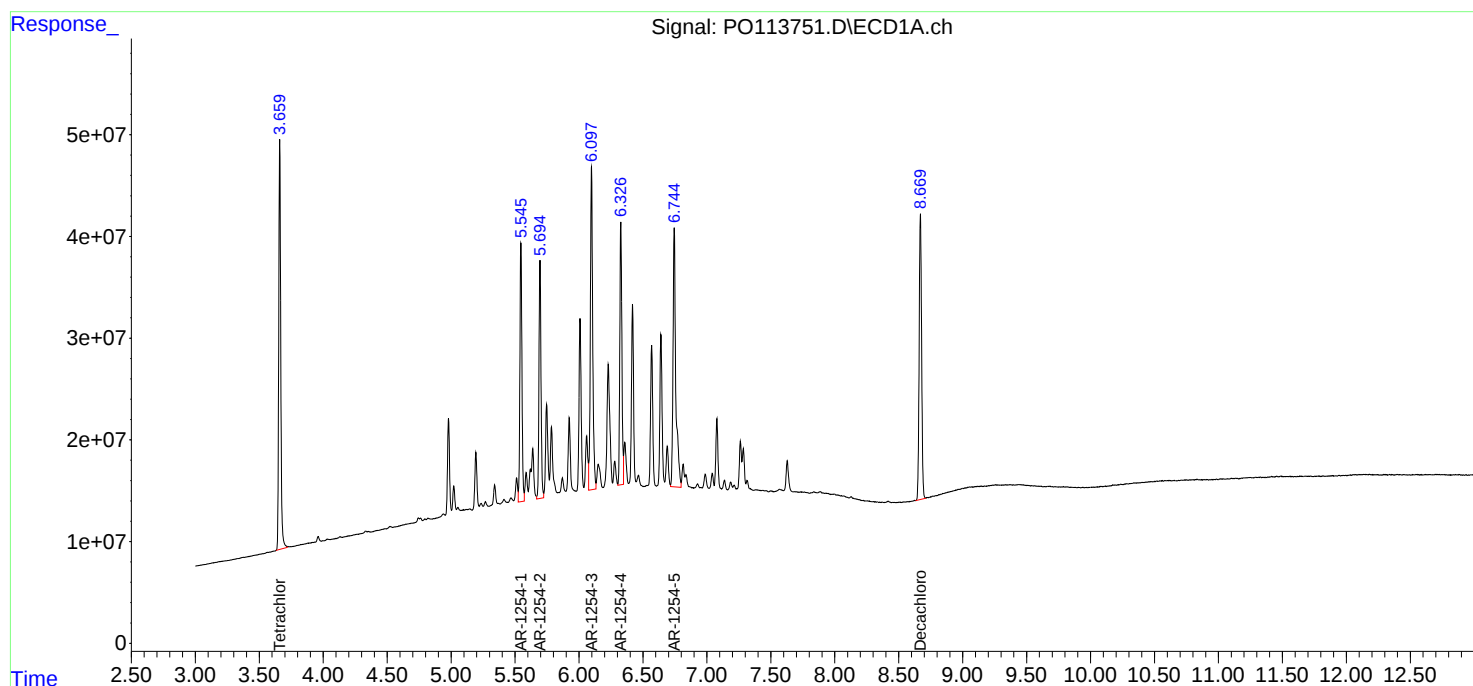
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113751.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 22:05
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:31:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
 Data File : P0113752.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 23:00
 Operator : YP/AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO091525AR1268

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 02:27:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:01:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	448.2E6	264.5E6	53.295	52.666
2) SA Decachlor...	8.669	8.614	672.1E6	202.9E6	49.301	52.494
Target Compounds						
41) L9 AR-1268-1	7.567	7.526	923.5E6	251.0E6	521.490	514.235
42) L9 AR-1268-2	7.633	7.592	782.4E6	205.3E6	525.625	515.394
43) L9 AR-1268-3	7.837	7.794	679.1E6	165.2E6	555.335	506.291
44) L9 AR-1268-4	8.126	8.082	256.4E6	65042500	563.782	513.027
45) L9 AR-1268-5	8.417	8.367	1640.6E6	456.1E6	525.651	518.739

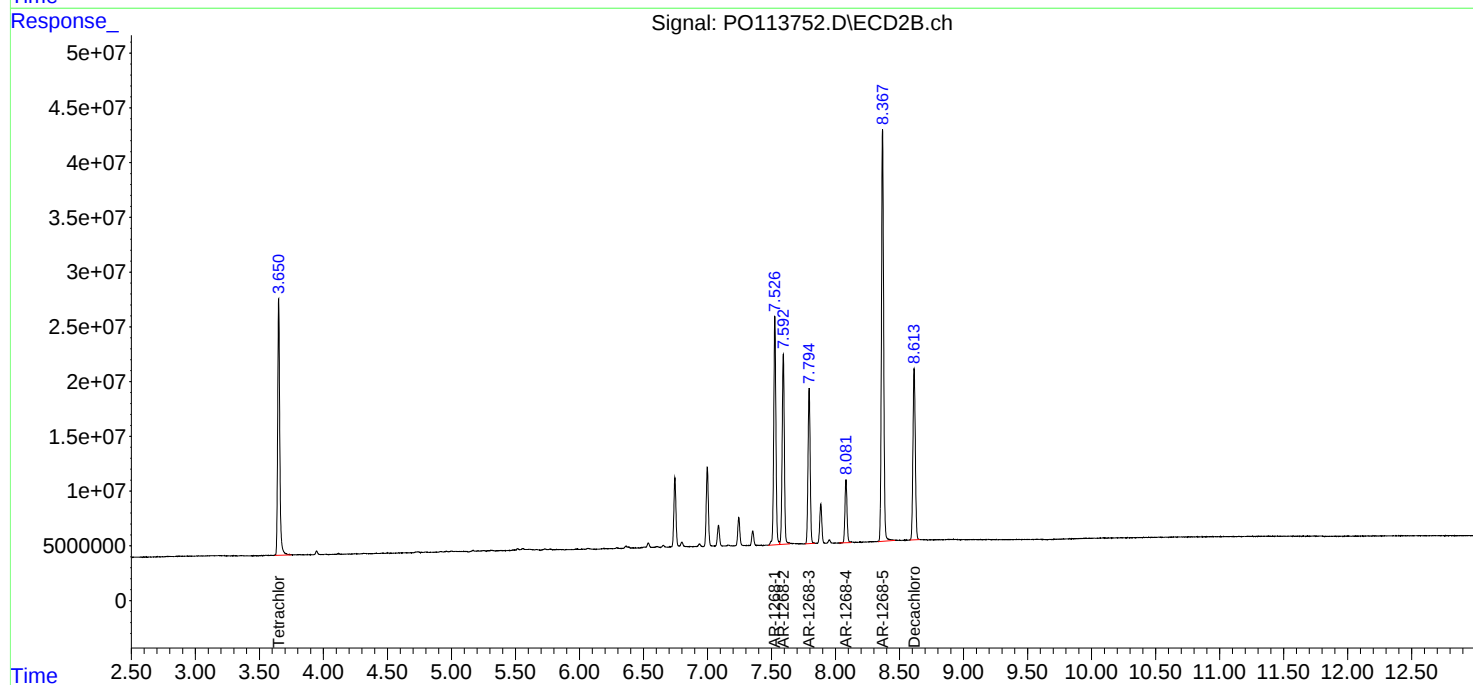
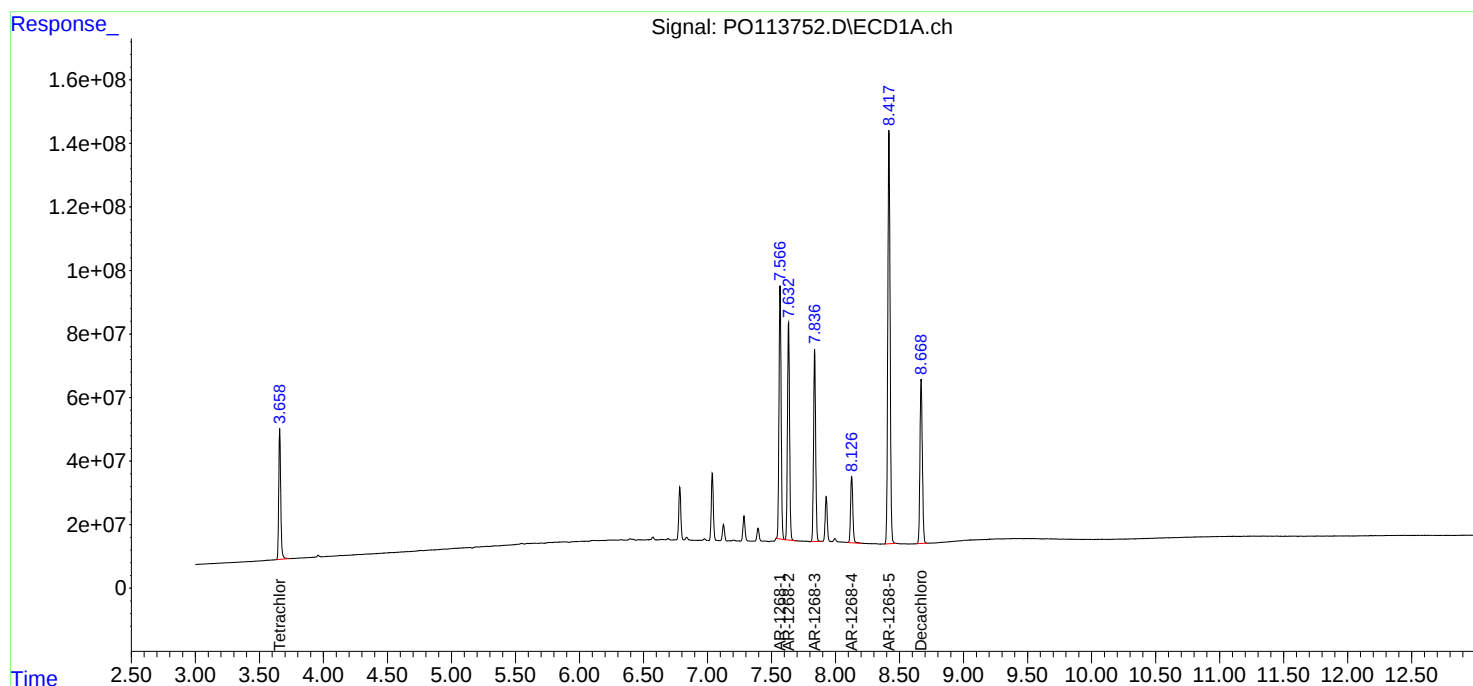
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113752.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 23:00
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:27:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: **POWE02**

Lab Code: ACE

SDG NO.: Q3155

Instrument ID: ECD_Q

Calibration Date(s): **09/10/2025** **09/10/2025**

Calibration Times: **09:25** **12:05**

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

LAB FILE ID:	RT 1000 =	<u>PQ070789.D</u>	RT 750 =	<u>PQ070790.D</u>
	RT 500 =	PQ070791.D	RT 250 =	PQ070792.D
			RT 050 =	PQ070793.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: **POWE02**

Lab Code: ACE

SDG NO.: Q3155

Instrument ID: ECD_Q

Calibration Date(s): **09/10/2025** **09/10/2025**

Calibration Times: **09:25** **12:05**

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

LAB FILE ID:	RT 1000 =	<u>PQ070789.D</u>	RT 750 =	<u>PQ070790.D</u>
	RT 500 =	PQ070791.D	RT 250 =	PQ070792.D
			RT 050 =	PQ070793.D

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Instrument ID: ECD_Q

Calibration Date(s): 09/10/2025 09/10/2025

Calibration Times: 09:25 12:05

GC Column: ZB-MR1

ID: 0.32 (mm)

LAB FILE ID:		CF 1000 =	<u>PQ070789.D</u>	CF 750 =	<u>PQ070790.D</u>			
CF 500 =		<u>PQ070791.D</u>	CF 250 =	<u>PQ070792.D</u>	CF 050 =	<u>PQ070793.D</u>		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	155760598	164686400	177264438	185029728	146186160	165785465	9
Aroclor-1016-2	(2)	249222056	256195421	282194016	285675668	260436840	266744800	6
Aroclor-1016-3	(3)	154206224	160354504	175274064	179067312	158981960	165576813	7
Aroclor-1016-4	(4)	127000230	131342052	143121628	145991024	129448420	135380671	6
Aroclor-1016-5	(5)	124021080	129137615	140904486	145735240	128837160	133727116	7
Aroclor-1260-1	(1)	223852616	232332099	254099744	263153316	251082440	244904043	7
Aroclor-1260-2	(2)	270041366	275952951	300981850	312937300	338200680	299622829	9
Aroclor-1260-3	(3)	200639696	208193693	226760482	231269624	204058940	214184487	6
Aroclor-1260-4	(4)	221742179	230149409	248590210	253093372	235193960	237753826	5
Aroclor-1260-5	(5)	453350760	462485001	496397910	505446140	471233100	477782582	5
Decachlorobiphenyl		3589551810	3696057427	4019151660	4129095960	3845687000	3855908771	6
Tetrachloro-m-xylene		5072739970	5253596907	5629501980	5691805680	5132657200	5356060347	5



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: POWE02
SDG NO.: Q3155

Calibration Date(s): 09/10/2025 09/10/2025
Calibration Times: 09:25 12:05

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

LAB FILE ID:		CF 1000 =	<u>PQ070789.D</u>	CF 750 =	<u>PQ070790.D</u>			
CF 500 =	<u>PQ070791.D</u>	CF 250 =	<u>PQ070792.D</u>	CF 050 =	<u>PQ070793.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	194490665	201532996	220320868	231170040	224704980	214443910	7
Aroclor-1016-2	(2)	298979950	307288743	336317322	349945396	333069140	325120110	7
Aroclor-1016-3	(3)	163916764	170389843	186236168	194812908	193284440	181728025	8
Aroclor-1016-4	(4)	140642790	146519464	161605722	172353300	171354480	158495151	9
Aroclor-1016-5	(5)	169066788	176522675	193848830	203393320	188958760	186358075	7
Aroclor-1260-1	(1)	329539317	333377431	368159264	399964980	353568600	356921918	8
Aroclor-1260-2	(2)	389714298	400629549	442309804	464163944	430140820	425391683	7
Aroclor-1260-3	(3)	371338590	383163429	418805336	429993140	419228360	404505771	6
Aroclor-1260-4	(4)	325682757	332486317	365468978	376198864	370189000	354005183	7
Aroclor-1260-5	(5)	777615525	789708437	831599964	866825384	839073320	820964526	4
Decachlorobiphenyl		6442649250	6685443693	7331965220	7462427680	7341557000	7052808569	6
Tetrachloro-m-xylene		6222334360	6127216960	6597152780	6959942400	6155411400	6412411580	6



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q3155

Instrument ID: ECD_Q Date(s) Analyzed: 09/10/2025 09/10/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1254	500	1	5.29	5.19	5.39	233600000
		2	5.51	5.41	5.61	356936000
		3	5.86	5.76	5.96	379036000
		4	6.14	6.04	6.24	268916000
		5	6.54	6.44	6.64	299682000



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
Instrument ID: ECD_Q **Date(s) Analyzed:** 09/10/2025 09/10/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1254	500	1	4.53	4.43	4.63	397980000
		2	4.68	4.58	4.78	350238000
		3	5.06	4.96	5.16	565656000
		4	5.29	5.19	5.39	345766000
		5	5.69	5.59	5.79	524392000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070789.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 09:25
 Operator : YP\AJ
 Sample : AR1660ICC1000 (Sig #1); AR1660ICCC1000 (Sig #2)
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 10:56:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 10:53:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.402	2.779	507.3E6	622.2E6	94.798	97.076
2)	SA Decachlor...	8.498	7.535	359.0E6	644.3E6	94.354	93.544
Target Compounds							
3)	L1 AR-1016-1	4.481	3.779	155.8E6	194.5E6	935.429	937.730
4)	L1 AR-1016-2	4.500	3.795	249.2E6	299.0E6	937.955	941.229
5)	L1 AR-1016-3	4.558	3.955	154.2E6	163.9E6	936.057	936.258
6)	L1 AR-1016-4	4.647	4.003	127.0E6	140.6E6	940.318	930.643
7)	L1 AR-1016-5	4.932	4.198	124.0E6	169.1E6	936.271	931.714
31)	L7 AR-1260-1	6.021	5.191	223.9E6	329.5E6	936.715	944.647
32)	L7 AR-1260-2	6.277	5.380	270.0E6	389.7E6	945.816	936.786
33)	L7 AR-1260-3	6.627	5.521	200.6E6	371.3E6	938.884	939.926
34)	L7 AR-1260-4	6.841	5.981	221.7E6	325.7E6	942.917	942.435
35)	L7 AR-1260-5	7.147	6.225	453.4E6	777.6E6	954.675	966.453

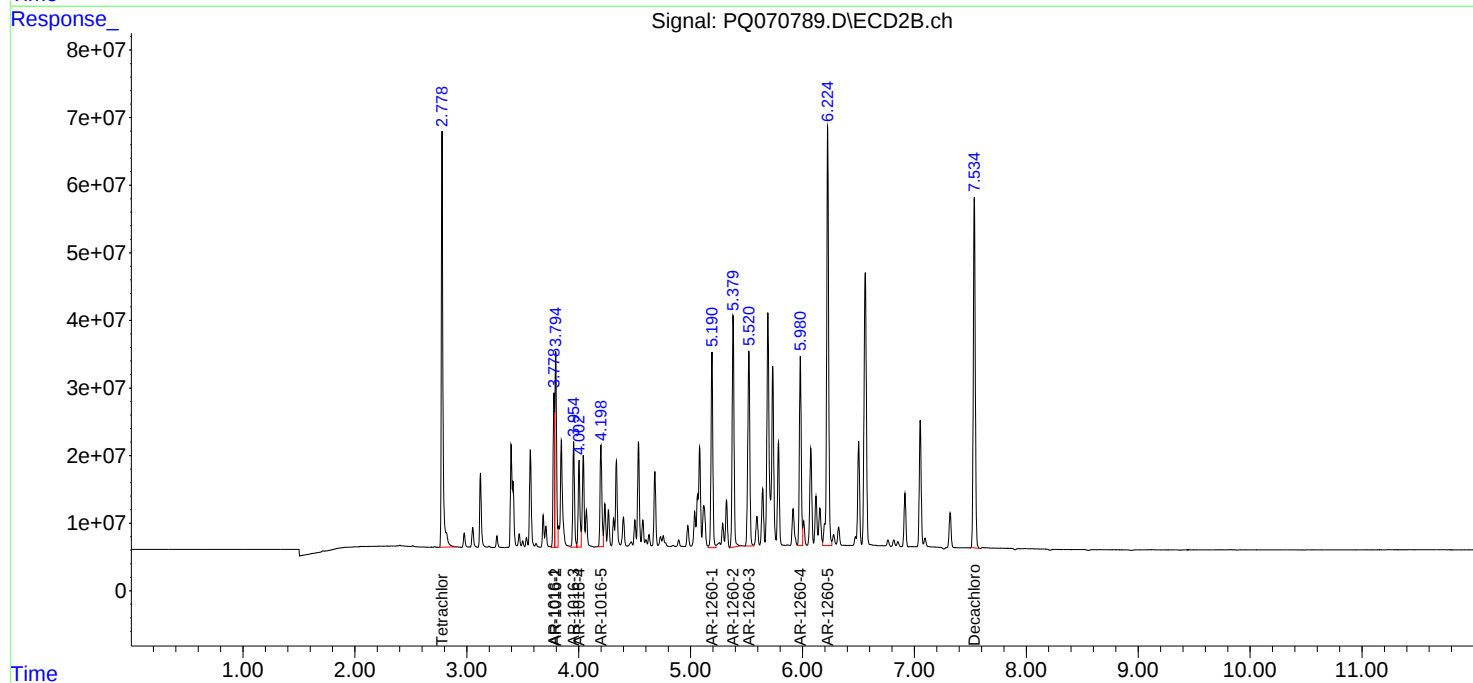
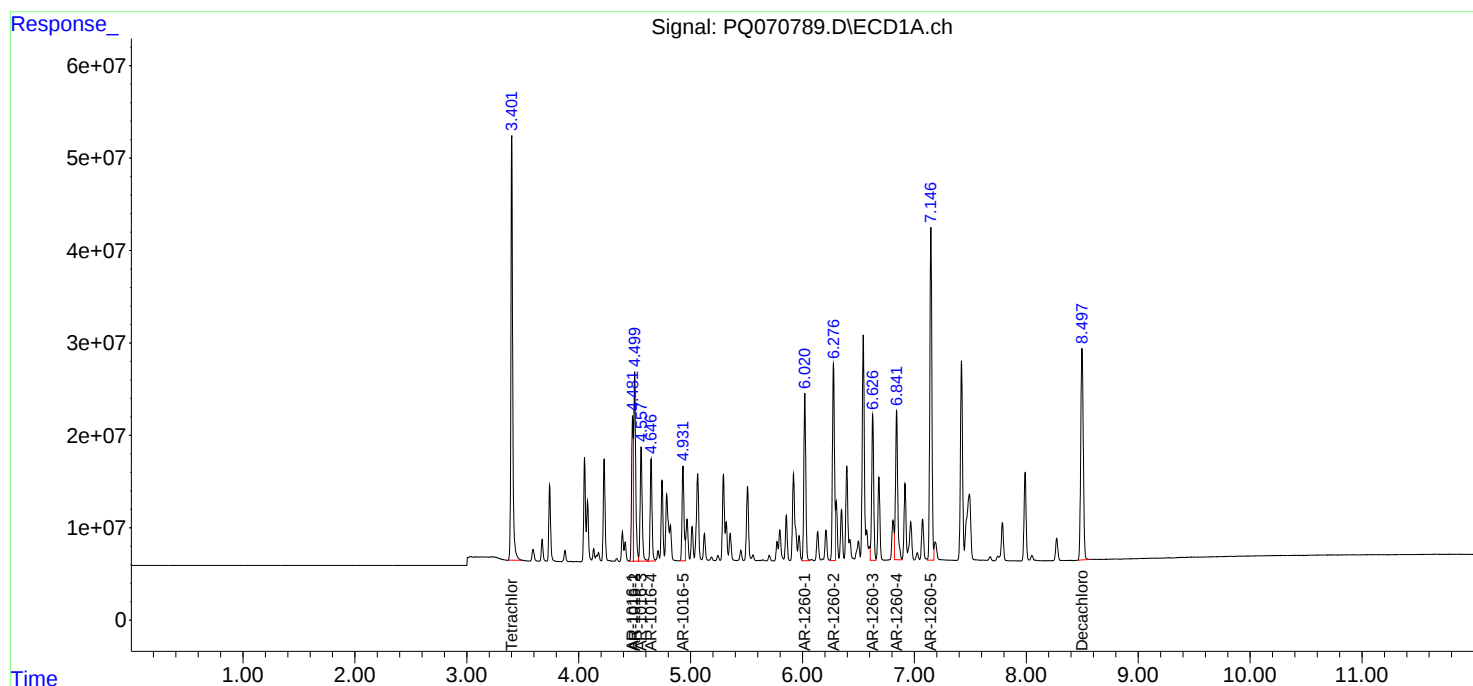
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070789.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 09:25
Operator : YP\AJ
Sample : AR1660ICC1000 (Sig #1); AR1660ICCC1000 (Sig #2)
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 10:56:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 10:53:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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_Q\Data\PQ091025\
 Data File : PQ070790.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 09:39
 Operator : YP\AJ
 Sample : AR1660ICC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 10:59:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 10:53:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.402	2.778	394.0E6	459.5E6	74.083	72.763
2) SA Decachlor...	8.498	7.535	277.2E6	501.4E6	73.563	73.520
Target Compounds						
3) L1 AR-1016-1	4.482	3.779	123.5E6	151.1E6	744.496	735.707
4) L1 AR-1016-2	4.501	3.794	192.1E6	230.5E6	731.883	733.514
5) L1 AR-1016-3	4.558	3.954	120.3E6	127.8E6	736.570	736.495
6) L1 AR-1016-4	4.648	4.003	98506539	109.9E6	736.105	734.609
7) L1 AR-1016-5	4.932	4.198	96853211	132.4E6	737.343	736.277
31) L7 AR-1260-1	6.021	5.190	174.2E6	250.0E6	735.969	727.492
32) L7 AR-1260-2	6.277	5.379	207.0E6	300.5E6	733.072	731.281
33) L7 AR-1260-3	6.628	5.521	156.1E6	287.4E6	737.005	734.776
34) L7 AR-1260-4	6.841	5.981	172.6E6	249.4E6	739.257	730.819
35) L7 AR-1260-5	7.147	6.225	346.9E6	592.3E6	736.841	740.684

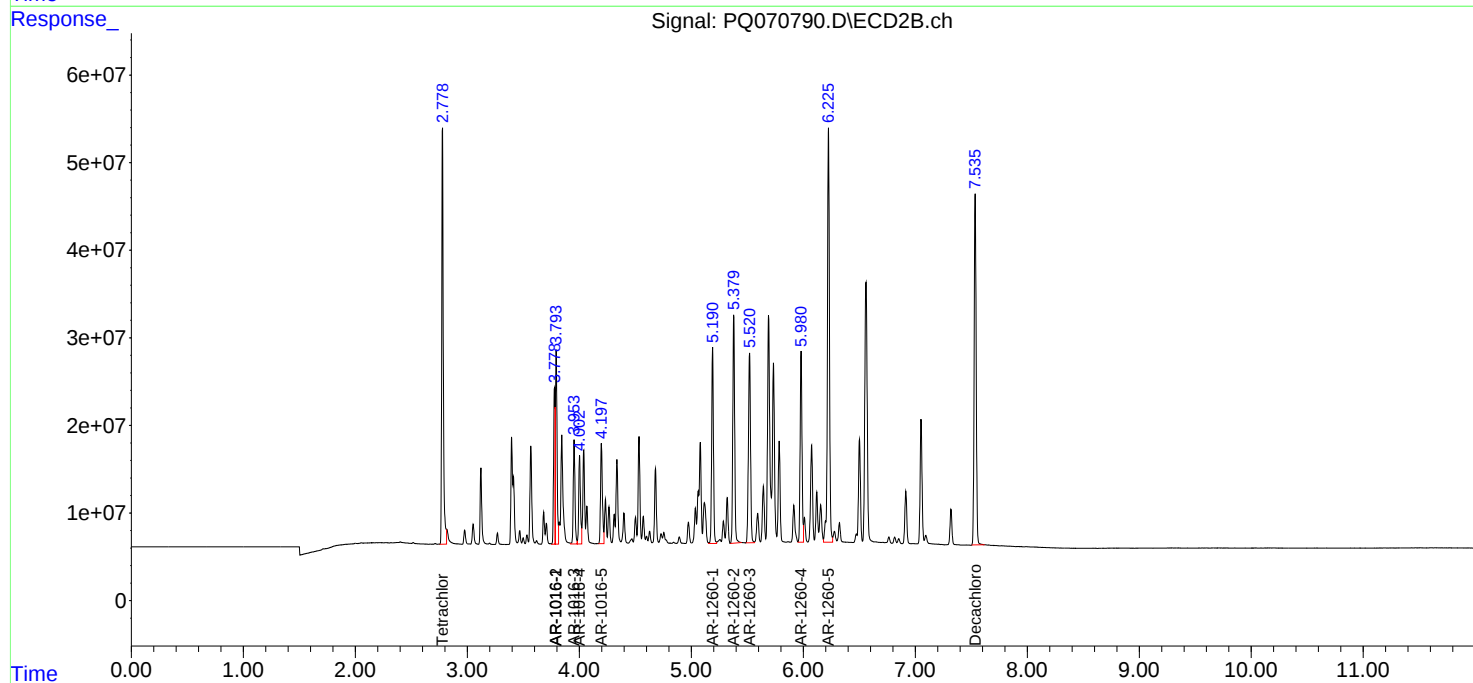
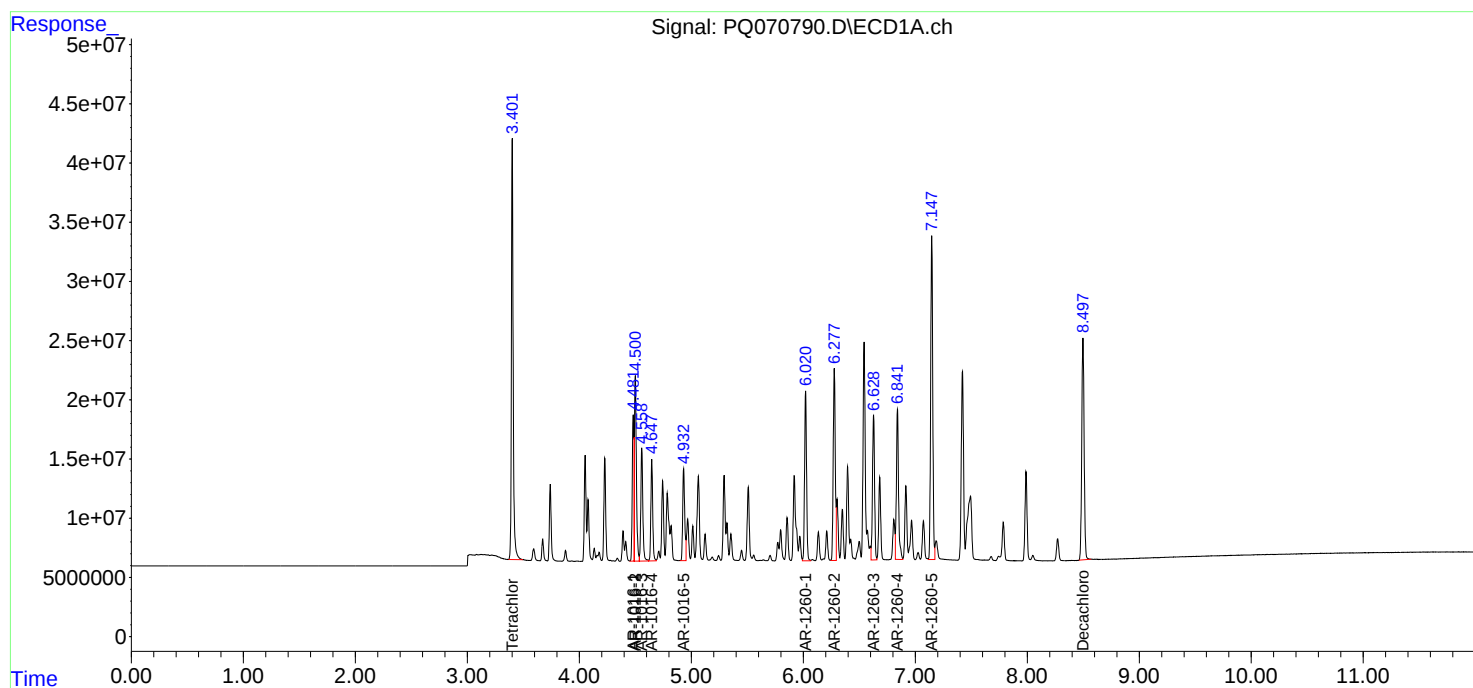
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070790.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 09:39
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 10:59:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 10:53:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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_Q\Data\PQ091025\
 Data File : PQ070791.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 09:54
 Operator : YP\AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 10:53:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 10:53:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.402	2.778	281.5E6	329.9E6	50.000	50.000
2) SA Decachlor...	8.499	7.536	201.0E6	366.6E6	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	4.481	3.778	88632219	110.2E6	500.000	500.000
4) L1 AR-1016-2	4.500	3.794	141.1E6	168.2E6	500.000	500.000
5) L1 AR-1016-3	4.557	3.954	87637032	93118084	500.000	500.000
6) L1 AR-1016-4	4.648	4.003	71560814	80802861	500.000	500.000
7) L1 AR-1016-5	4.932	4.197	70452243	96924415	500.000	500.000
31) L7 AR-1260-1	6.021	5.190	127.0E6	184.1E6	500.000	500.000
32) L7 AR-1260-2	6.277	5.380	150.5E6	221.2E6	500.000	500.000
33) L7 AR-1260-3	6.628	5.520	113.4E6	209.4E6	500.000	500.000
34) L7 AR-1260-4	6.842	5.980	124.3E6	182.7E6	500.000	500.000
35) L7 AR-1260-5	7.147	6.226	248.2E6	415.8E6	500.000	500.000

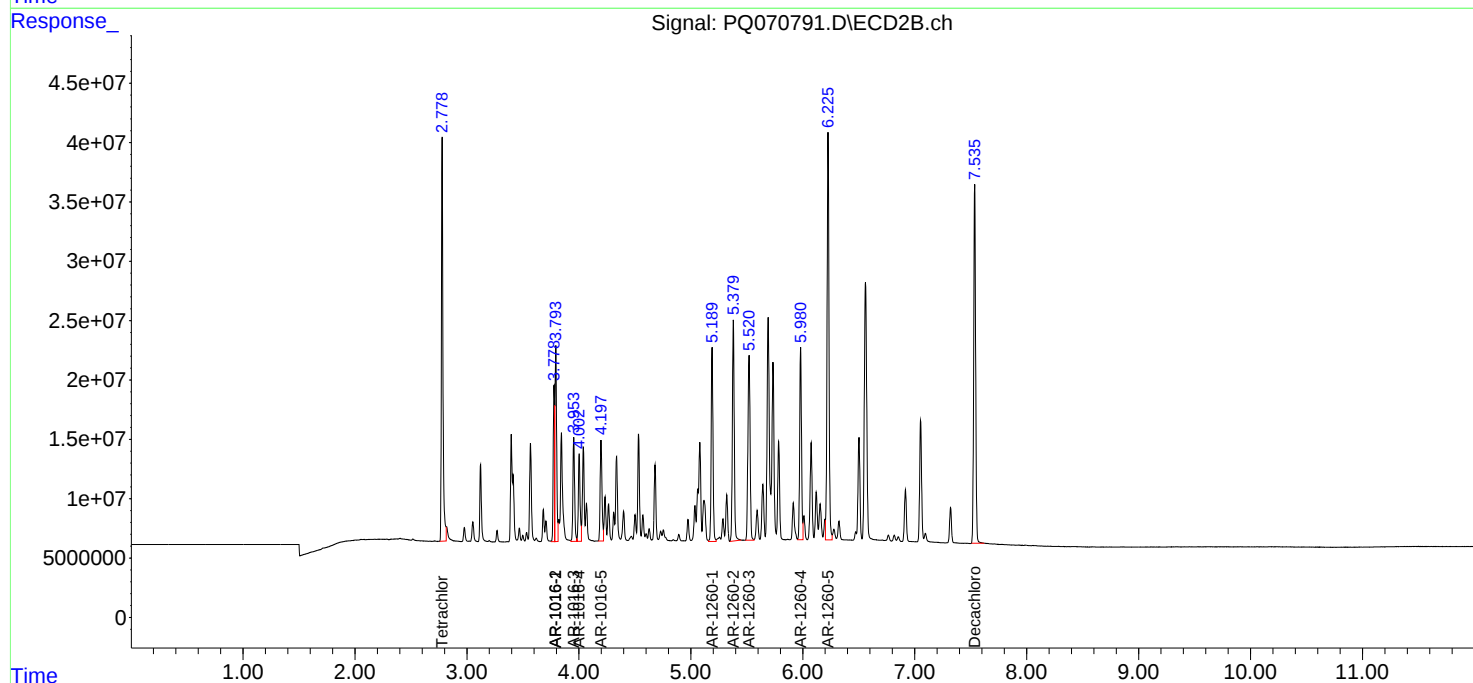
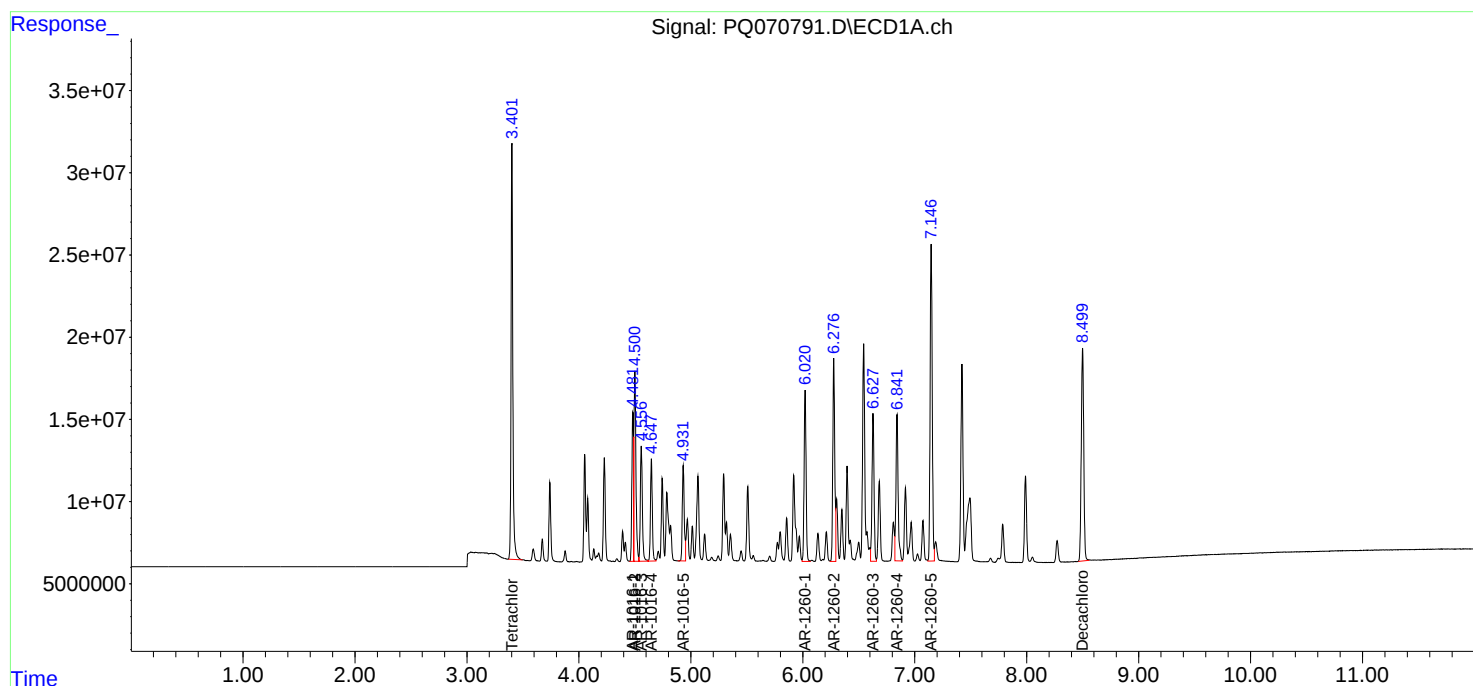
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070791.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 09:54
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 10:53:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 10:53:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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_Q\Data\PQ091025\
 Data File : PQ070792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 10:09
 Operator : YP\AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:02:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 10:53:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.402	2.779	142.3E6	174.0E6	26.293	26.865
2) SA Decachlor...	8.499	7.535	103.2E6	186.6E6	26.753	26.726
Target Compounds						
3) L1 AR-1016-1	4.481	3.779	46257432	57792510	271.010	272.762
4) L1 AR-1016-2	4.500	3.795	71418917	87486349	266.169	270.744
5) L1 AR-1016-3	4.558	3.955	44766828	48703227	267.703	272.330
6) L1 AR-1016-4	4.647	4.003	36497756	43088325	266.672	277.487
7) L1 AR-1016-5	4.932	4.198	36433810	50848330	269.981	273.808
31) L7 AR-1260-1	6.021	5.190	65788329	99991245	270.334	279.492
32) L7 AR-1260-2	6.277	5.380	78234325	116.0E6	269.794	273.550
33) L7 AR-1260-3	6.627	5.521	57817406	107.5E6	266.789	268.192
34) L7 AR-1260-4	6.842	5.980	63273343	94049716	265.415	268.745
35) L7 AR-1260-5	7.148	6.225	126.4E6	216.7E6	263.572	265.429

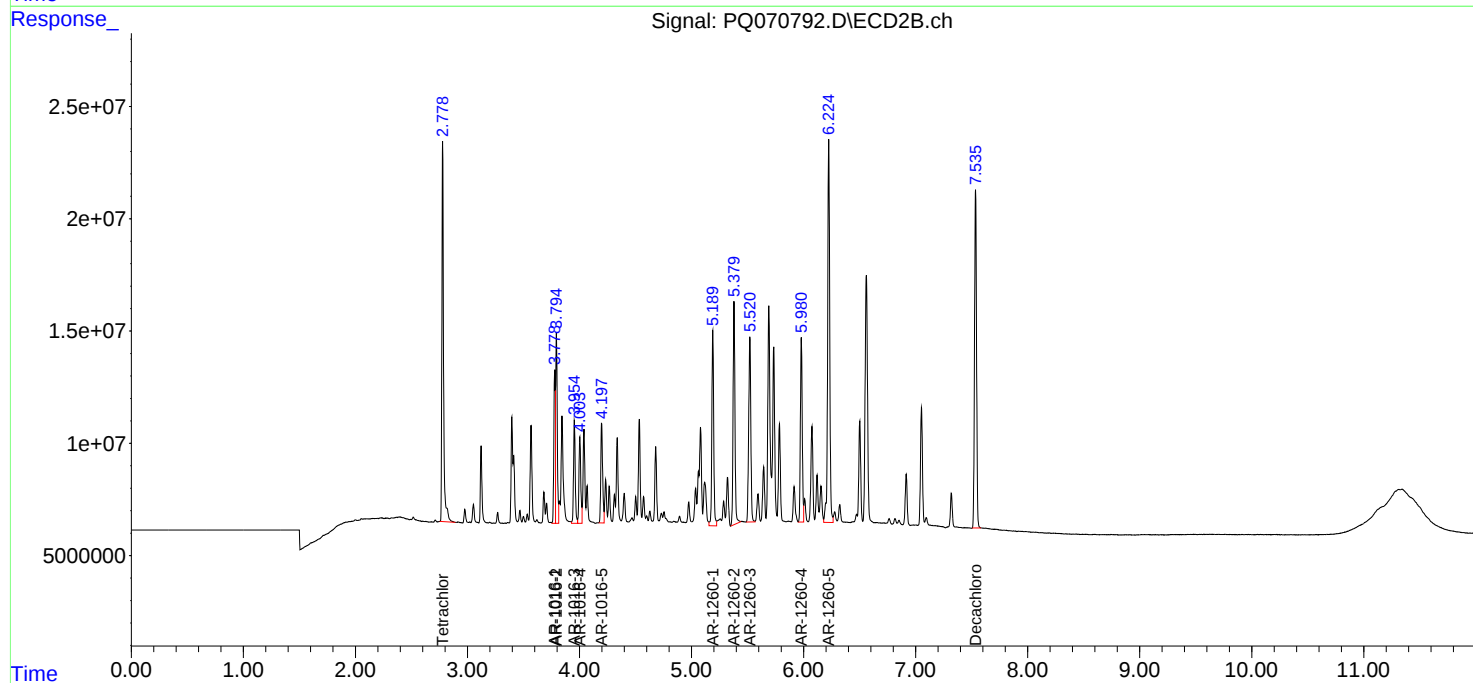
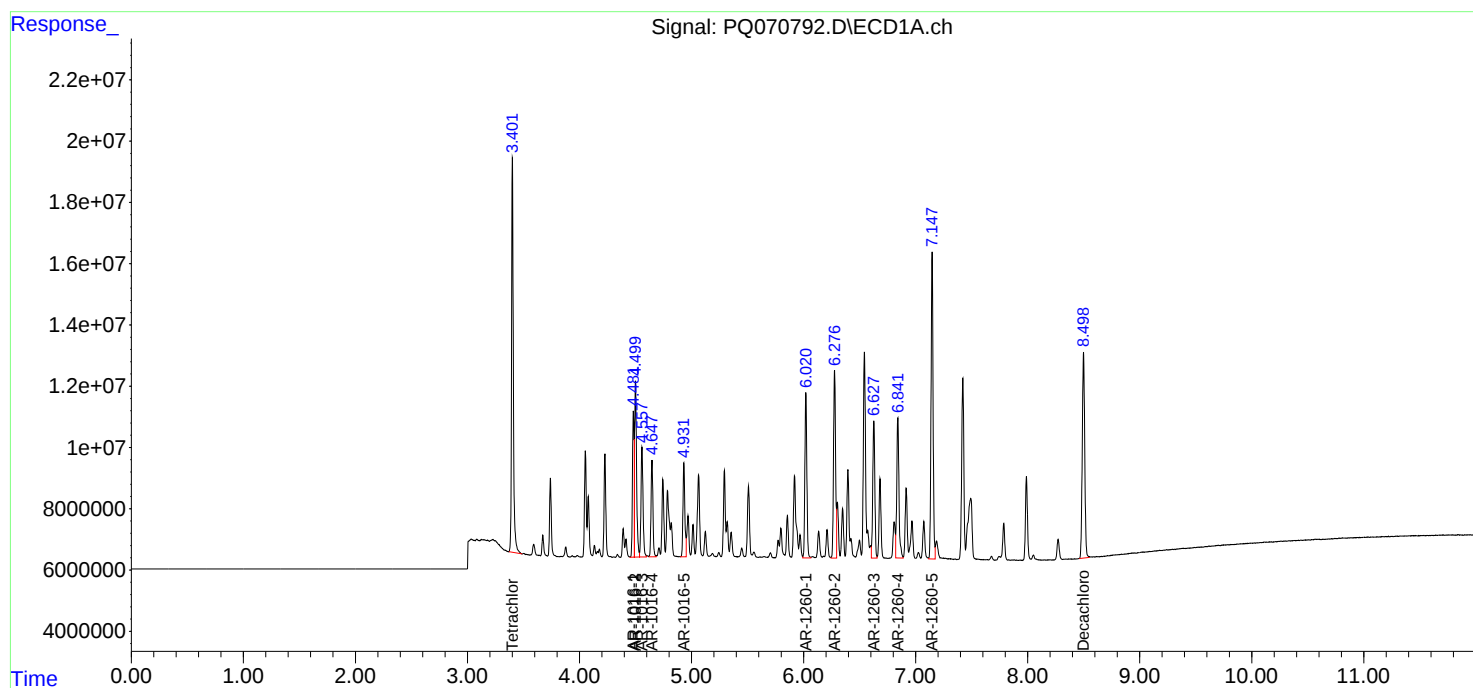
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070792.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 10:09
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 11:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 10:53:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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_Q\Data\PQ091025\
 Data File : PQ070793.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 10:23
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2025
 Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:06:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 10:53:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.401	2.778	25663286	30777057	4.791	4.800
2) SA Decachlor...	8.498	7.535	19228435	36707785	4.987	5.205
Target Compounds						
3) L1 AR-1016-1	4.482	3.779	7309308	11235249	44.089	52.392
4) L1 AR-1016-2	4.500	3.794	13021842	16653457	48.818	51.222
5) L1 AR-1016-3	4.558	3.954	7949098	9664222	48.009	53.180
6) L1 AR-1016-4	4.648	4.003	6472421	8567724	47.809	54.057
7) L1 AR-1016-5	4.931	4.198	6441858	9447938	48.172	50.698
31) L7 AR-1260-1	6.021	5.189	12554122	17678430	51.261	49.683m
32) L7 AR-1260-2	6.276	5.378	16910034	21507041	56.438	50.220m
33) L7 AR-1260-3	6.627	5.520	10202947	20961418	47.636	51.820
34) L7 AR-1260-4	6.841	5.980	11759698	18509450	49.462	52.286
35) L7 AR-1260-5	7.147	6.225	23561655	41953666	49.315	51.103

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070793.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 10:23
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

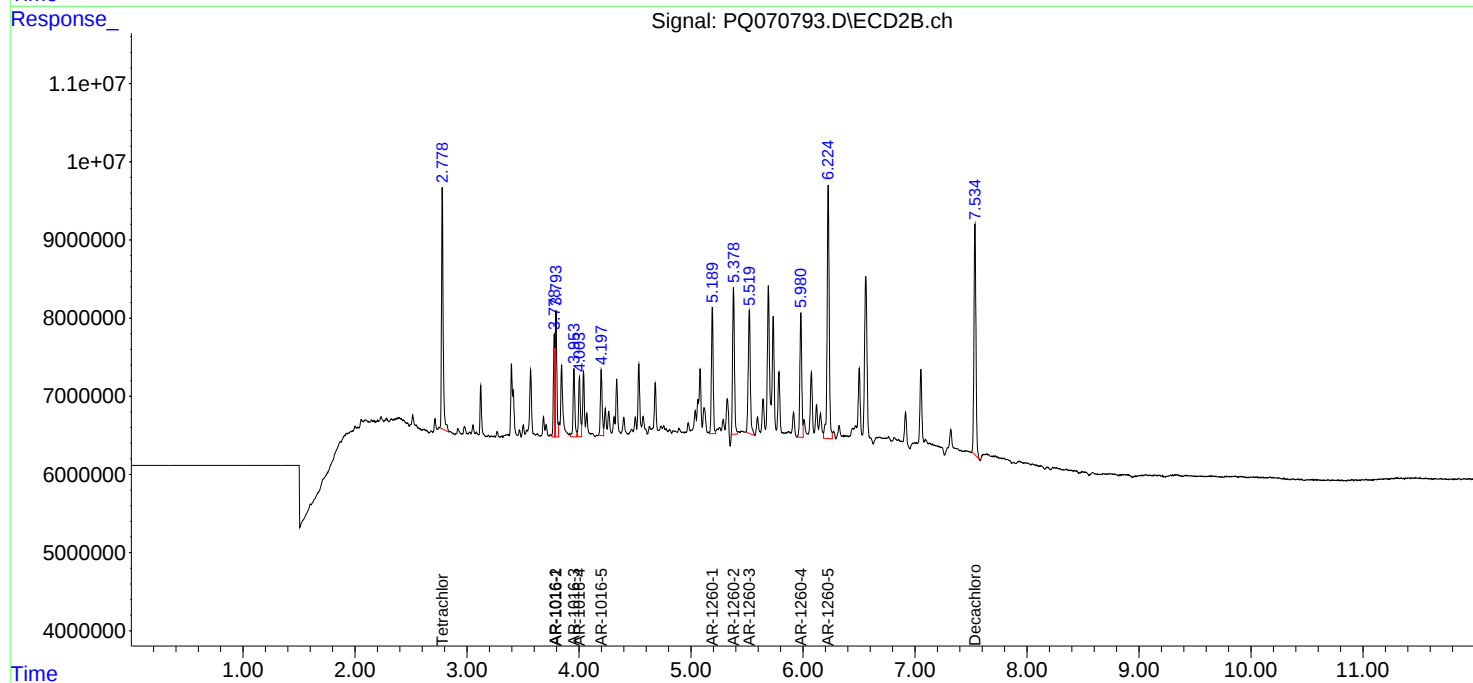
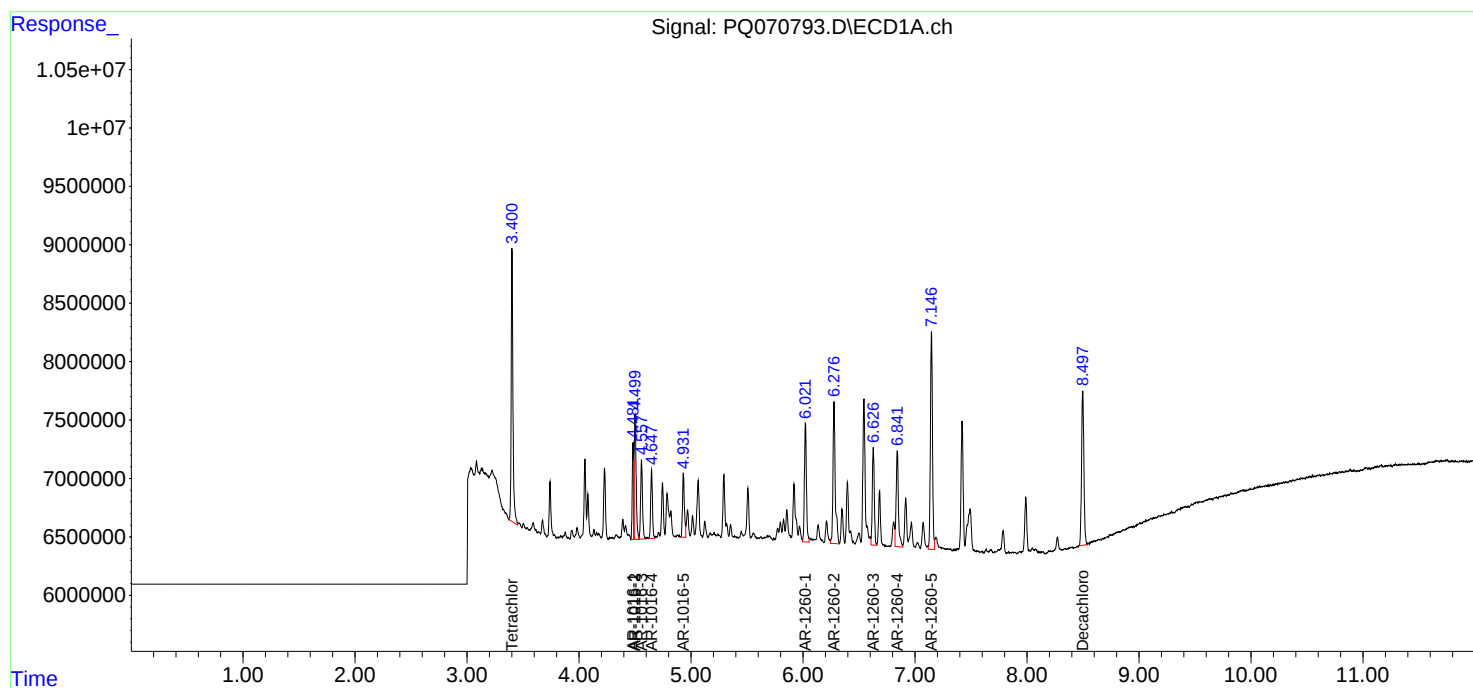
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/11/2025
Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 11:06:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 10:53:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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_Q\Data\PQ091025\
 Data File : PQ070794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 10:38
 Operator : YP\AJ
 Sample : AR1221ICC500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1221ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:11:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 11:11:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.401	2.778	275.8E6	311.2E6	50.000	50.000
2) SA Decachlor...	8.497	7.535	193.9E6	345.2E6	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	3.595	2.977	36791533	44642620	500.000	500.000
9) L2 AR-1221-2	3.673	3.054	26803563	33473156	500.000	500.000
10) L2 AR-1221-3	3.740	3.122	82388113	99854942	500.000	500.000

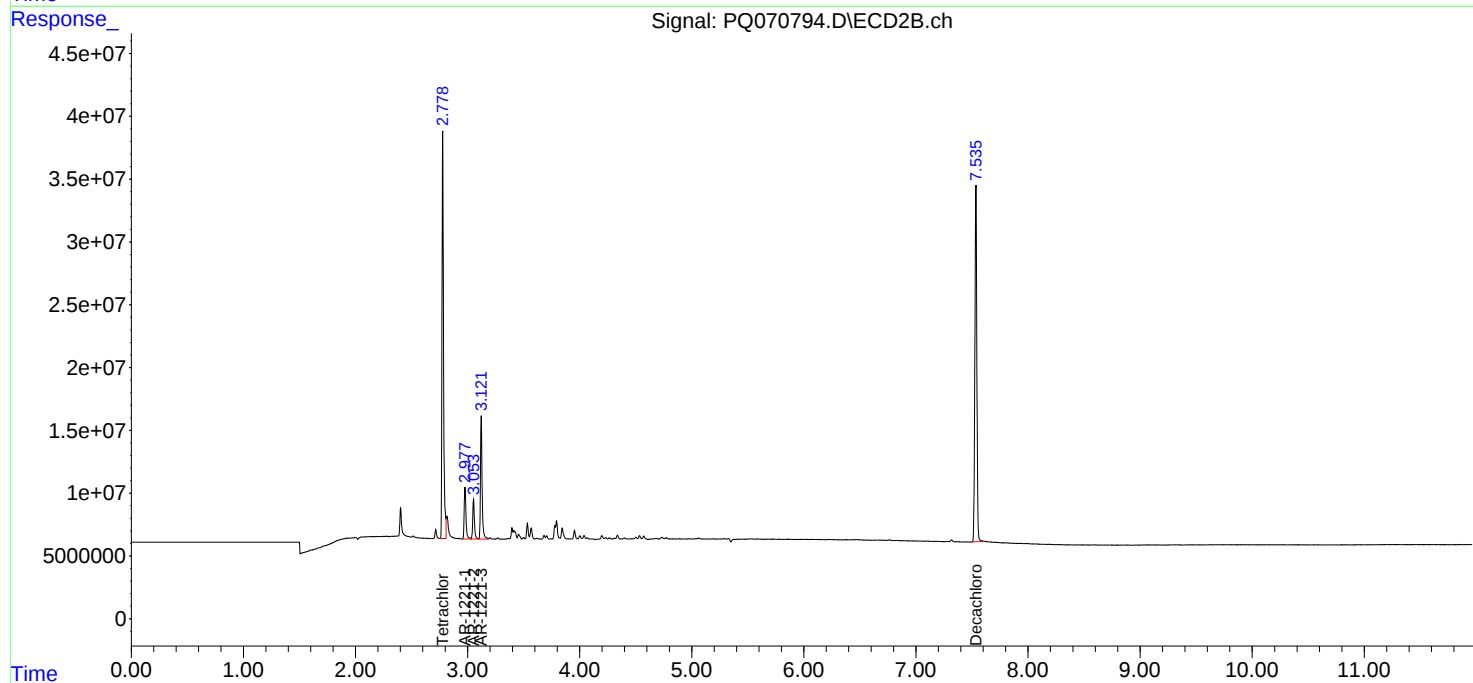
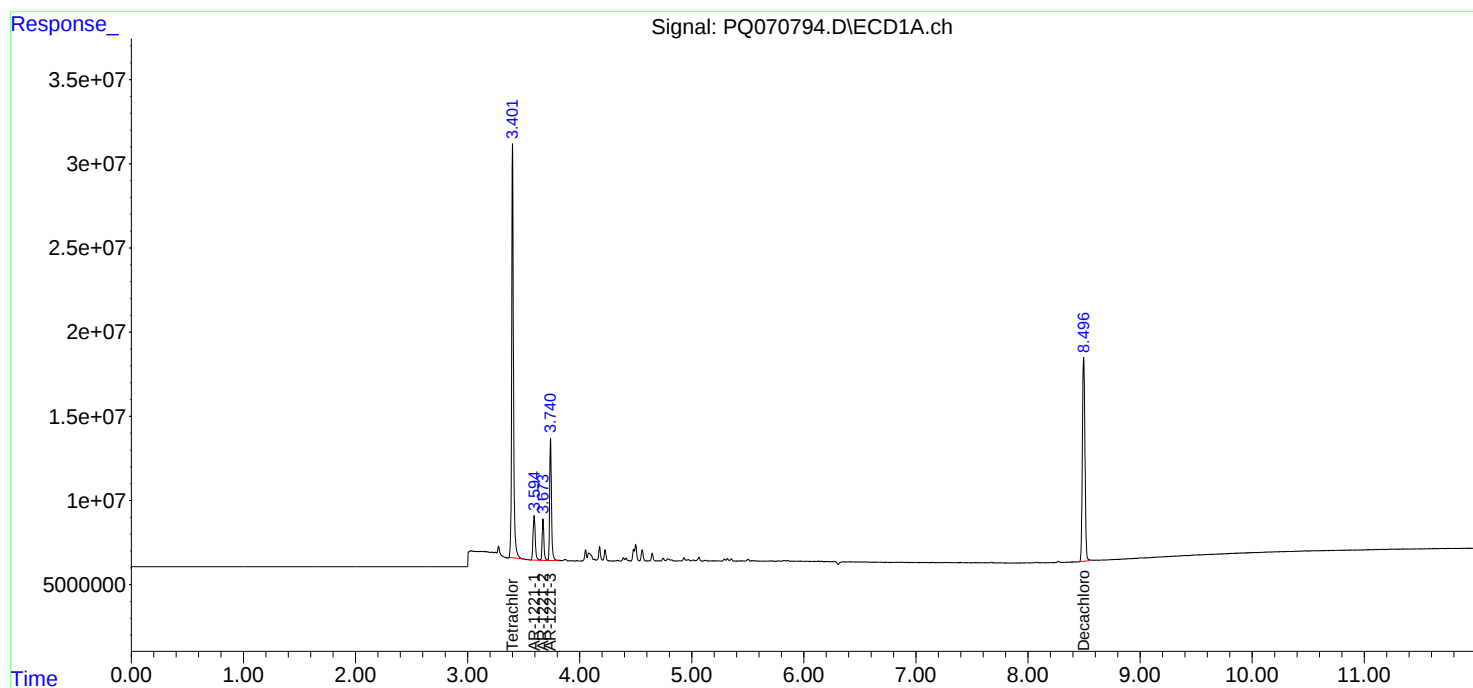
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070794.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 10:38
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 11:11:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 11:11:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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_Q\Data\PQ091025\
 Data File : PQ070795.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 10:52
 Operator : YP\AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:16:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 11:11:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.401	2.778	307.7E6	348.2E6	50.000	50.000
2) SA Decachlor...	8.498	7.534	212.7E6	388.0E6	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	3.740	3.122	69770648	85366211	500.000	500.000
12) L3 AR-1232-2	4.228	3.794	38272759	86799795	500.000	500.000
13) L3 AR-1232-3	4.500	3.954	71680527	46674751	500.000	500.000
14) L3 AR-1232-4	4.647	4.040	35790875	39893340	500.000	500.000
15) L3 AR-1232-5	4.786	4.198	29029367	44447942	500.000	500.000

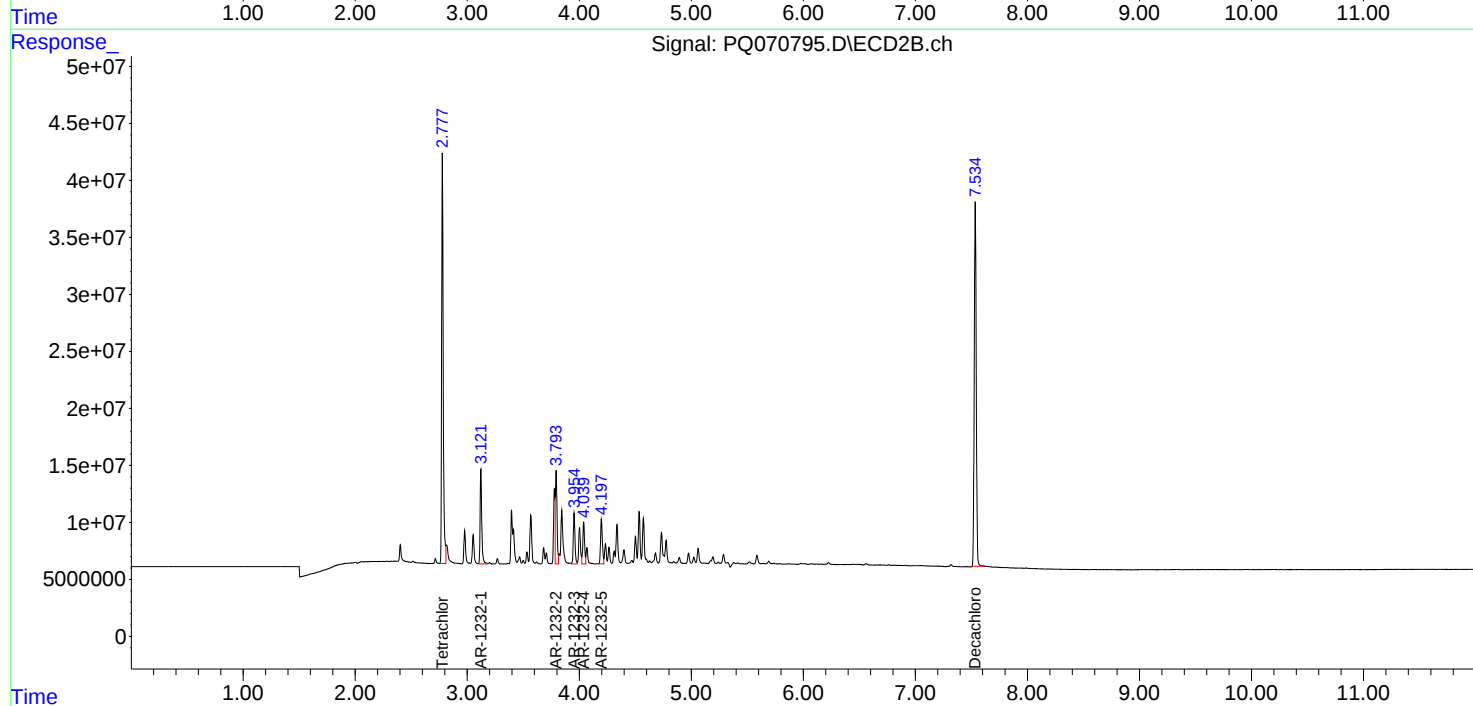
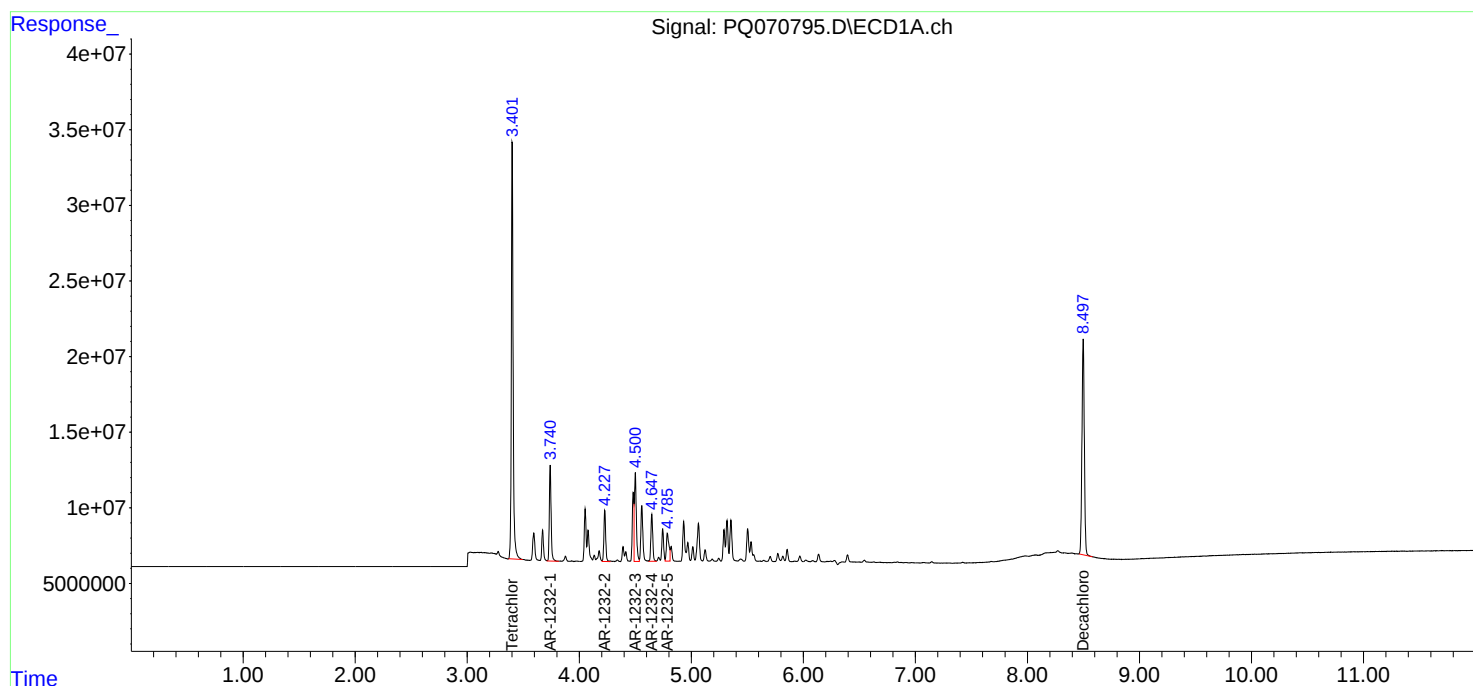
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070795.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 10:52
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 11:16:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 11:11:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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_Q\Data\PQ091025\
 Data File : PQ070796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 11:07
 Operator : YP\AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:41:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 11:41:11 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.401	2.778	282.9E6	324.0E6	50.000	50.000
2) SA Decachlor...	8.498	7.535	201.5E6	356.4E6	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	4.481	3.779	76867830	92958316	500.000	500.000
17) L4 AR-1242-2	4.500	3.795	119.7E6	140.8E6	500.000	500.000
18) L4 AR-1242-3	4.558	3.955	74437398	78338187	500.000	500.000
19) L4 AR-1242-4	4.647	4.040	61497951	73027910	500.000	500.000
20) L4 AR-1242-5	5.353	4.535	65980249	96669749	500.000	500.000

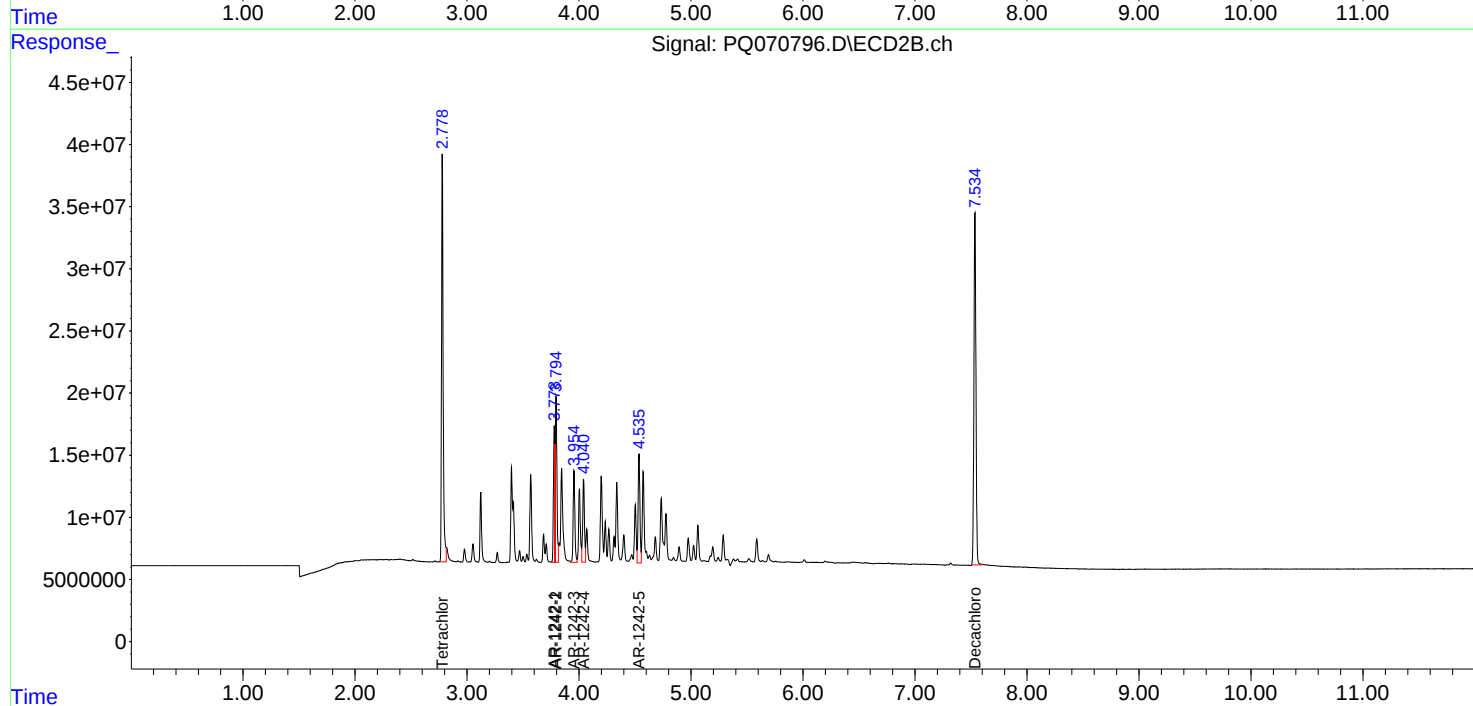
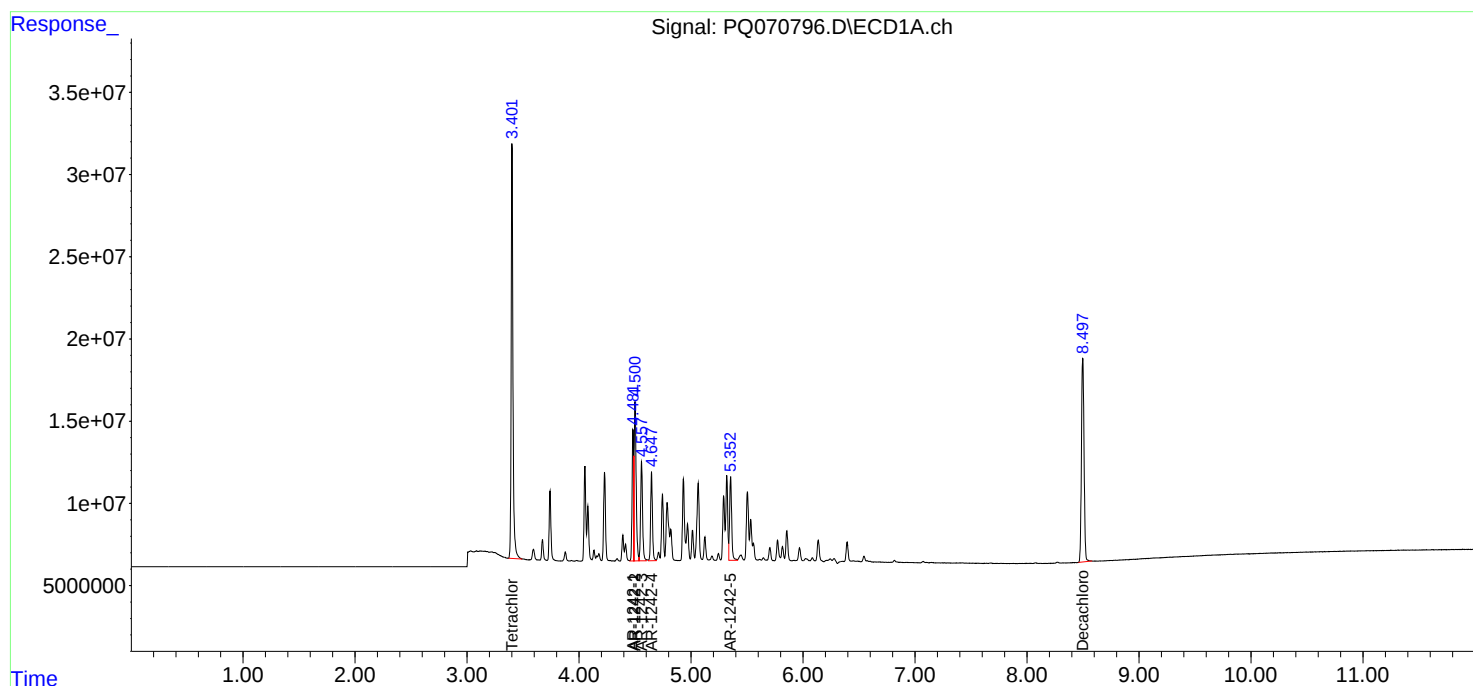
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070796.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 11:07
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 11:41:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 11:41:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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_Q\Data\PQ091025\
 Data File : PQ070797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 11:21
 Operator : YP\AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:45:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 11:44:46 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.402	2.778	276.1E6	325.9E6	50.000	50.000
2) SA Decachlor...	8.498	7.535	199.7E6	356.8E6	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	4.481	3.779	57282113	71404539	500.000	500.000
22) L5 AR-1248-2	4.745	4.003	81760384	108.0E6	500.000	500.000
23) L5 AR-1248-3	4.931	4.041	97821239	104.0E6	500.000	500.000
24) L5 AR-1248-4	5.319	4.198	108.1E6	127.7E6	500.000	500.000
25) L5 AR-1248-5	5.353	4.572	109.2E6	129.3E6	500.000	500.000

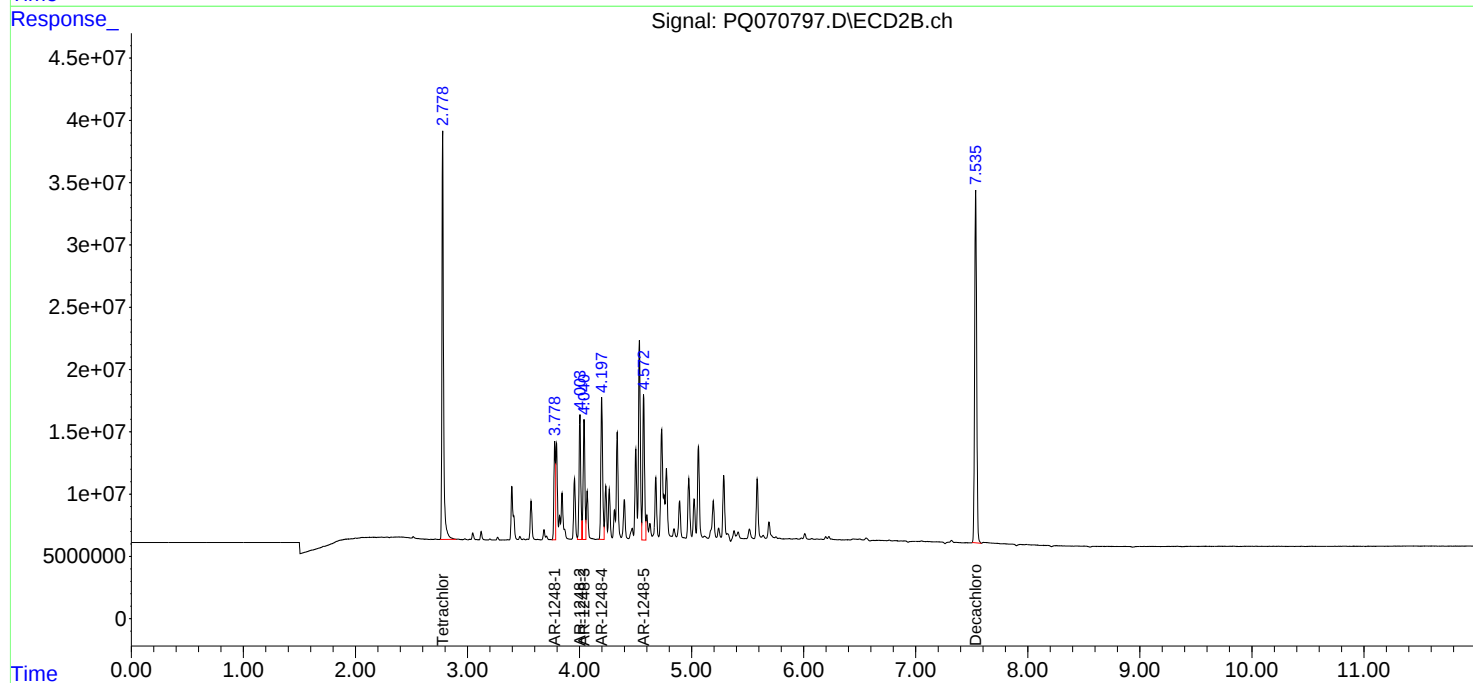
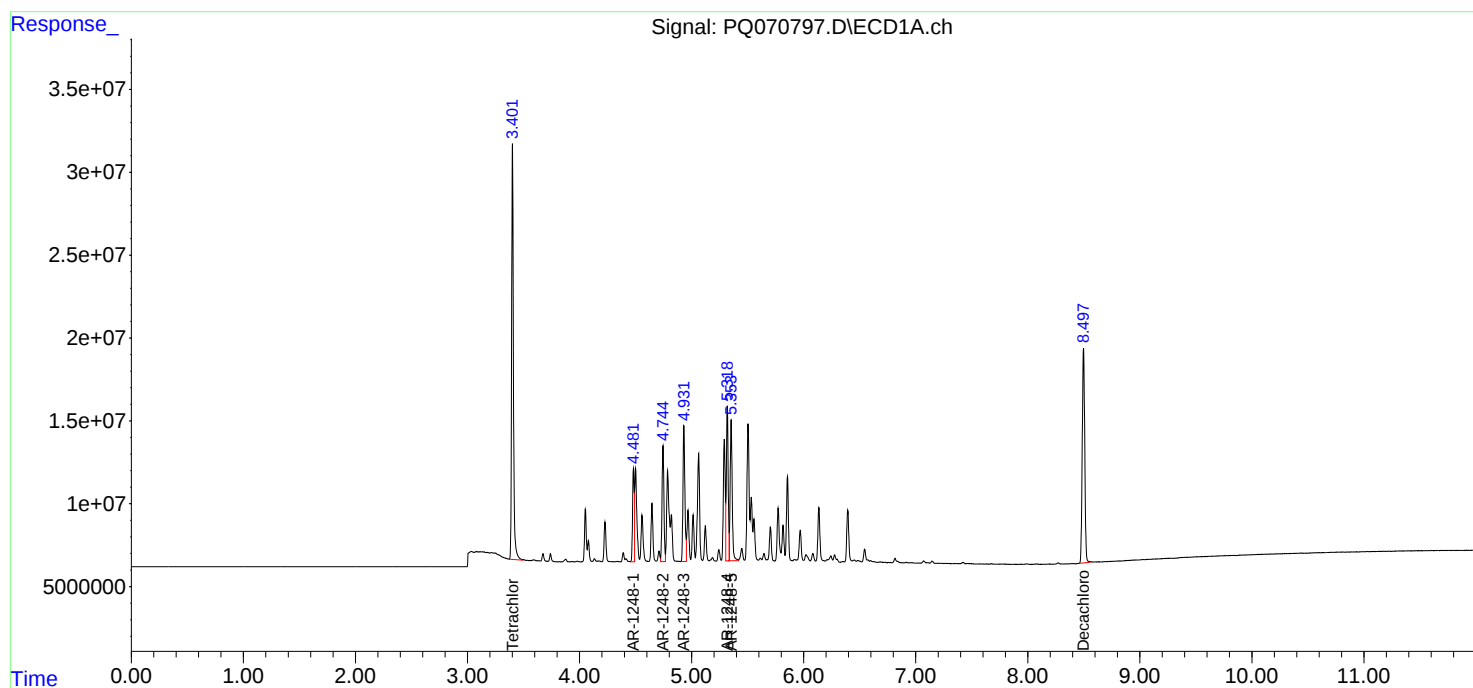
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 11:21
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 11:45:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 11:44:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070798.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 11:36
 Operator : YP\AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:51:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 11:51:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.402	2.779	278.0E6	330.0E6	50.000	50.000
2) SA Decachlor...	8.498	7.536	201.3E6	358.7E6	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	5.294	4.534	116.8E6	199.0E6	500.000	500.000
27) L6 AR-1254-2	5.508	4.681	178.5E6	175.1E6	500.000	500.000
28) L6 AR-1254-3	5.856	5.061	189.5E6	282.8E6	500.000	500.000
29) L6 AR-1254-4	6.136	5.288	134.5E6	172.9E6	500.000	500.000
30) L6 AR-1254-5	6.544	5.691	149.8E6	262.2E6	500.000	500.000

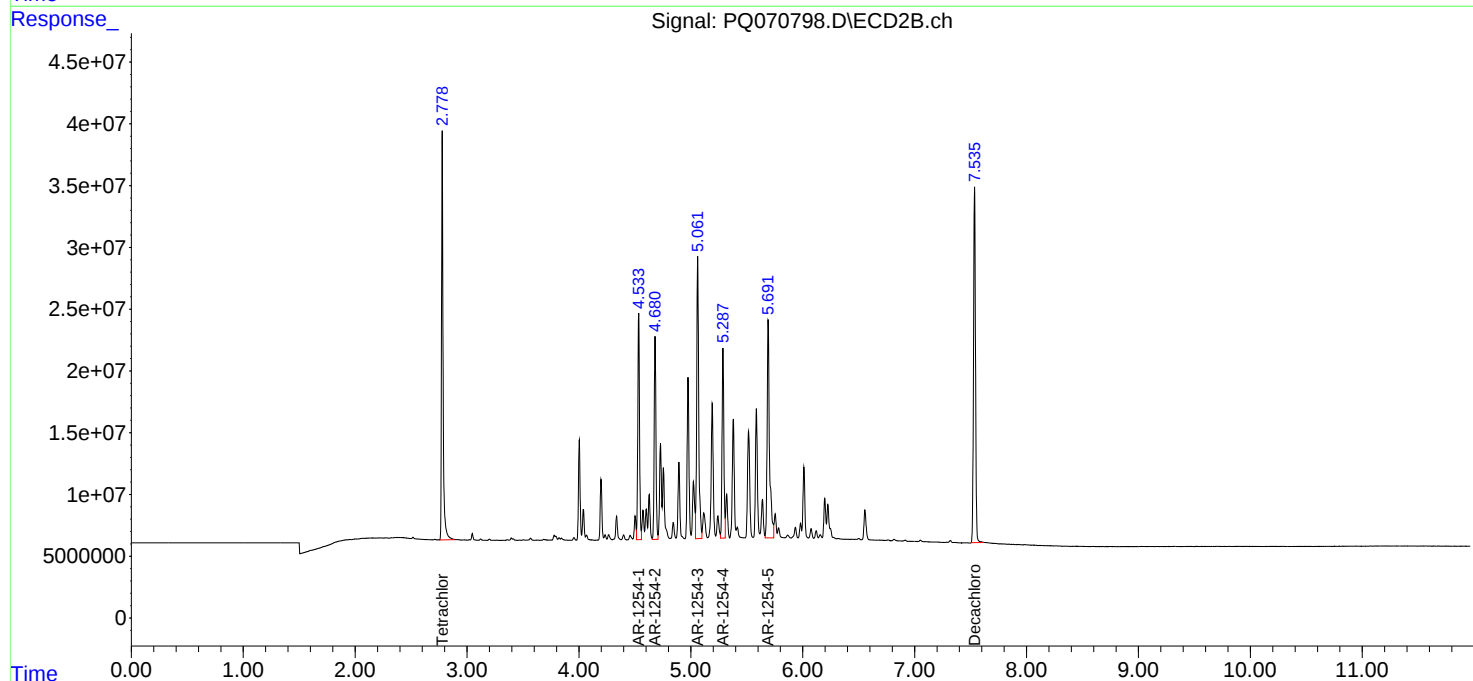
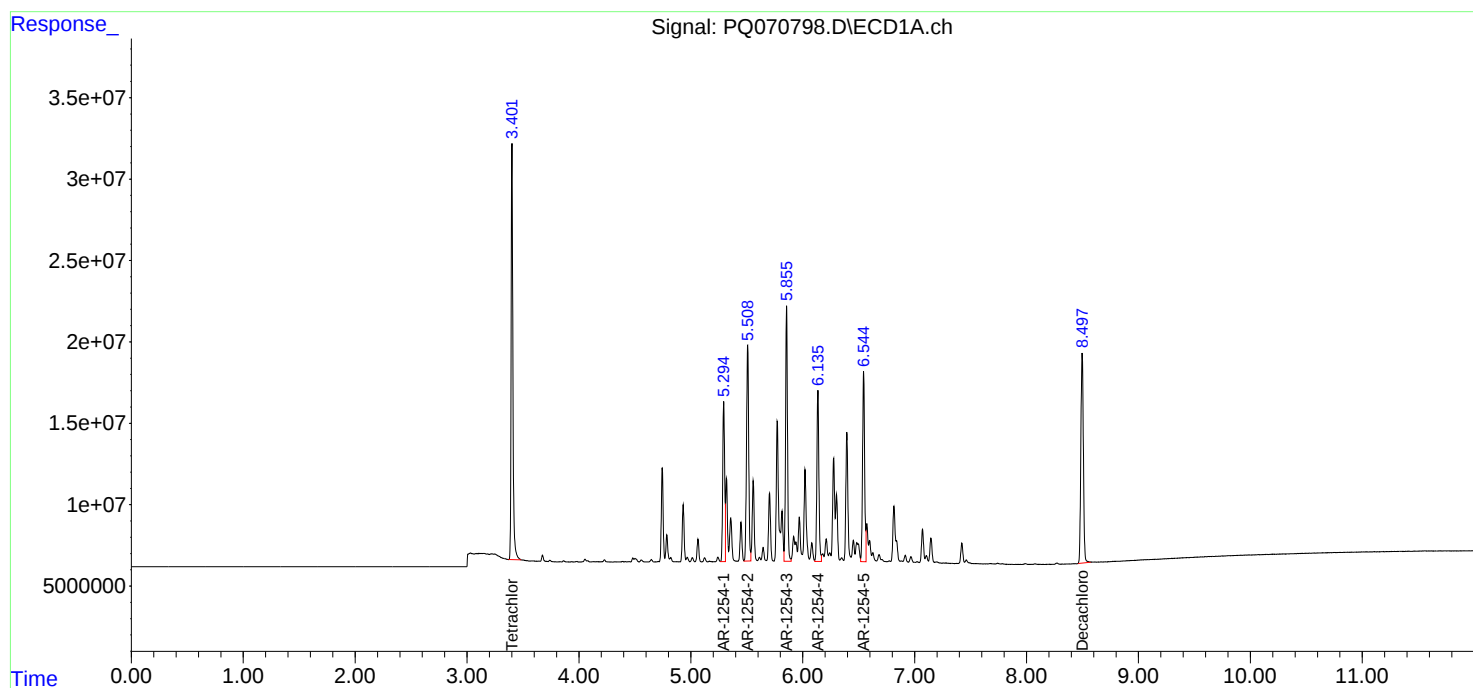
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070798.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 11:36
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 11:51:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 11:51:13 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_Q\Data\PQ091025\
 Data File : PQ070799.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 11:51
 Operator : YP\AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 12:06:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:06:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.401	2.778	274.1E6	317.6E6	50.000	50.000
2) SA Decachlor...	8.498	7.536	203.5E6	359.6E6	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	6.841	5.734	167.6E6	265.5E6	500.000	500.000
37) L8 AR-1262-2	7.146	5.981	299.0E6	248.8E6	500.000	500.000
38) L8 AR-1262-3	7.420	6.502	200.3E6	198.3E6	500.000	500.000
39) L8 AR-1262-4	7.493	6.563	158.2E6	365.7E6	500.000	500.000
40) L8 AR-1262-5	7.989	7.053	98193189	173.7E6	500.000	500.000

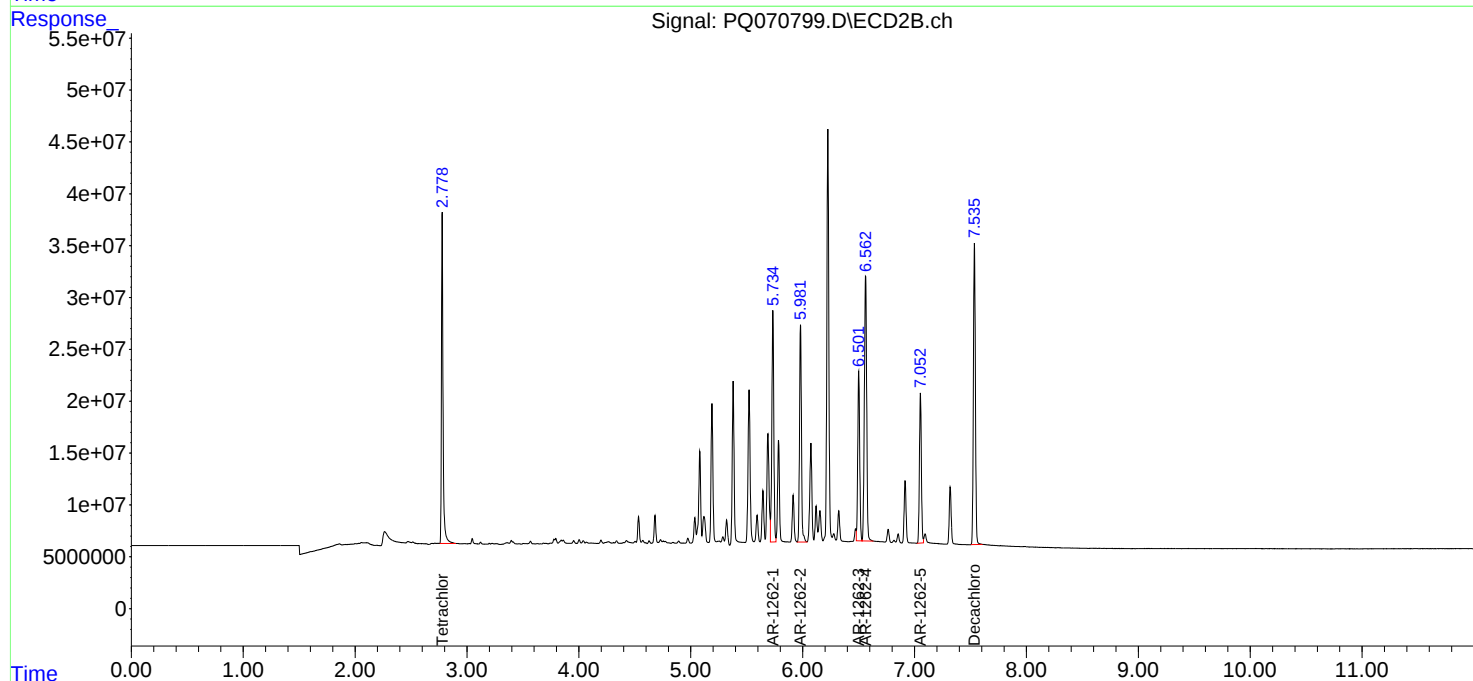
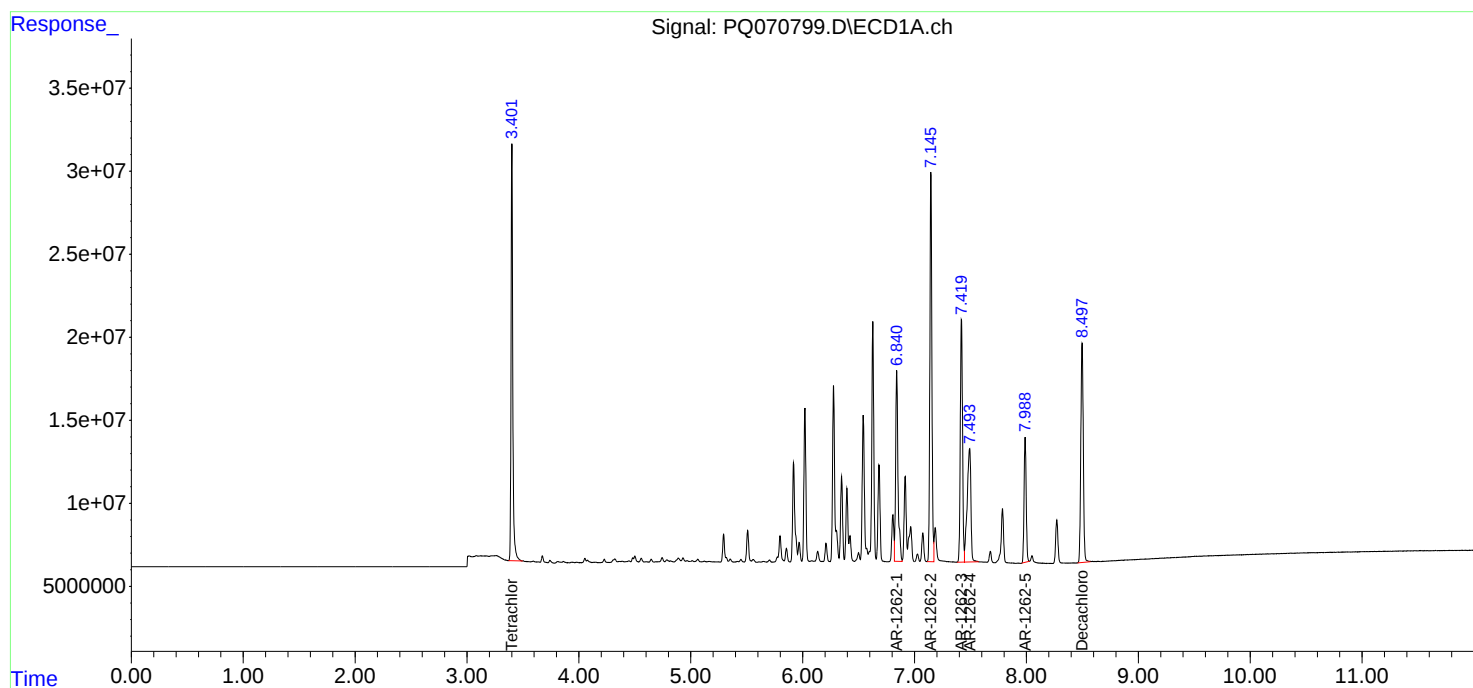
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070799.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 11:51
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:06:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:06:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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_Q\Data\PQ091025\
 Data File : PQ070800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 12:05
 Operator : YP\AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 12:22:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:21:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.402	2.779	281.7E6	332.3E6	50.000	50.000
2) SA Decachlor...	8.498	7.535	353.5E6	624.5E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	7.420	6.502	342.0E6	561.5E6	500.000	500.000
42) L9 AR-1268-2	7.495	6.564	315.6E6	522.0E6	500.000	500.000
43) L9 AR-1268-3	7.678	6.764	259.6E6	447.0E6	500.000	500.000
44) L9 AR-1268-4	7.989	7.052	109.6E6	198.2E6	500.000	500.000
45) L9 AR-1268-5	8.272	7.319	774.5E6	1368.6E6	500.000	500.000

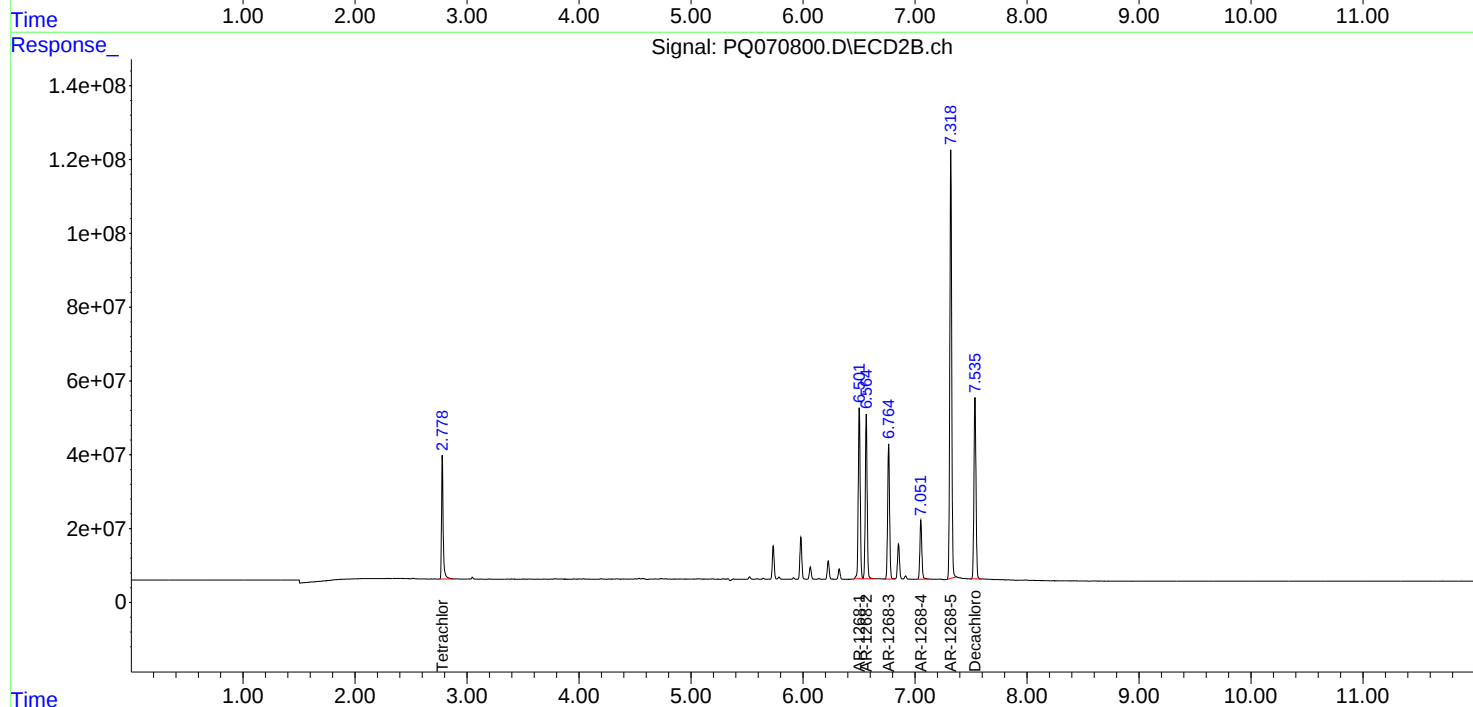
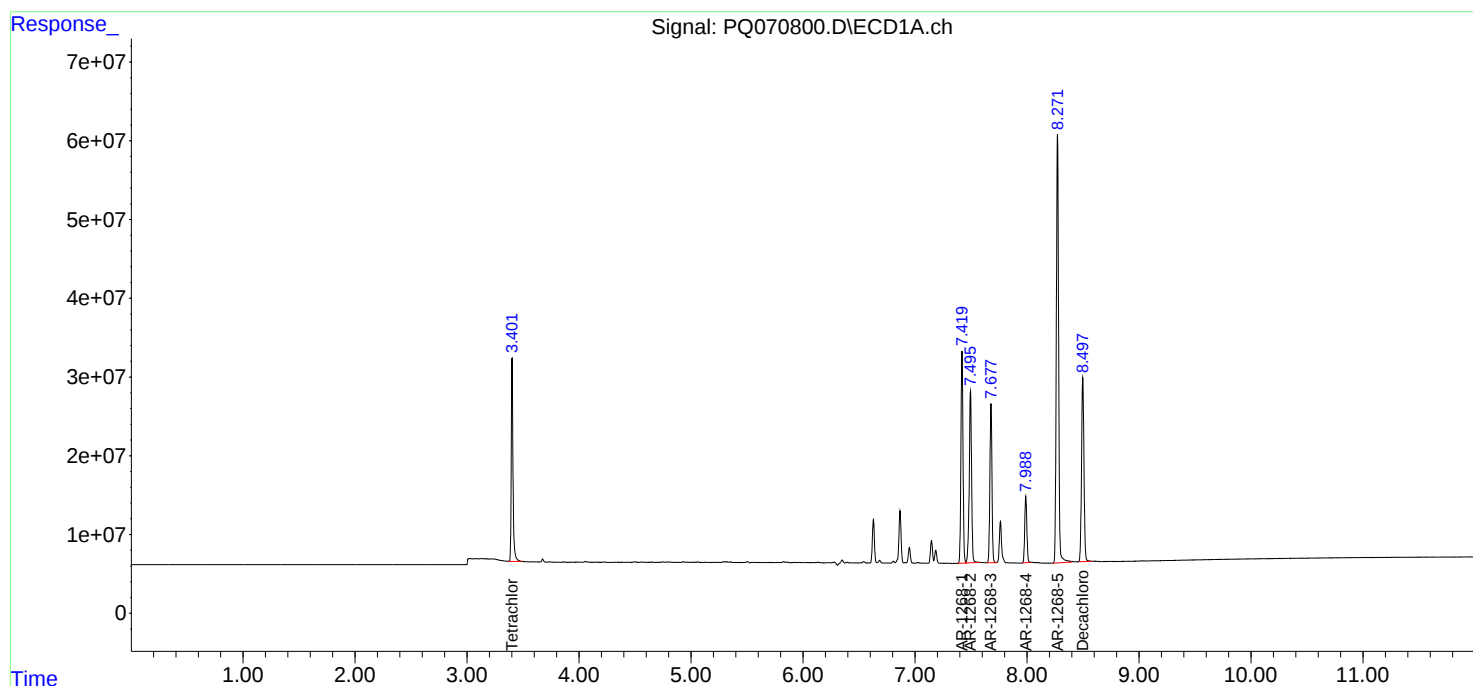
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070800.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 12:05
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:22:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:21:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070801.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 12:20
 Operator : YP\AJ
 Sample : PQ091025ICV500
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ICVPQ091025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 12:35:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.402	2.779	284.6E6	318.7E6	53.141	49.700
2) SA Decachlor...	8.497	7.535	203.4E6	359.3E6	52.760	50.950
Target Compounds						
3) L1 AR-1016-1	4.482	3.779	85617003	107.6E6	516.433	501.750
4) L1 AR-1016-2	4.500	3.795	139.2E6	162.6E6	521.783	500.019
5) L1 AR-1016-3	4.558	3.955	87096014	90046667	526.016	495.502
6) L1 AR-1016-4	4.647	4.003	71032337	78157323	524.686	493.121
7) L1 AR-1016-5	4.932	4.198	71110967	93513112	531.762	501.793
31) L7 AR-1260-1	6.021	5.191	128.6E6	179.8E6	525.287	503.786
32) L7 AR-1260-2	6.277	5.380	152.7E6	214.9E6	509.577	505.187
33) L7 AR-1260-3	6.628	5.521	113.1E6	202.9E6	528.132	501.487
34) L7 AR-1260-4	6.842	5.981	125.6E6	178.9E6	528.136	505.224
35) L7 AR-1260-5	7.147	6.226	251.3E6	420.2E6	525.986	511.785

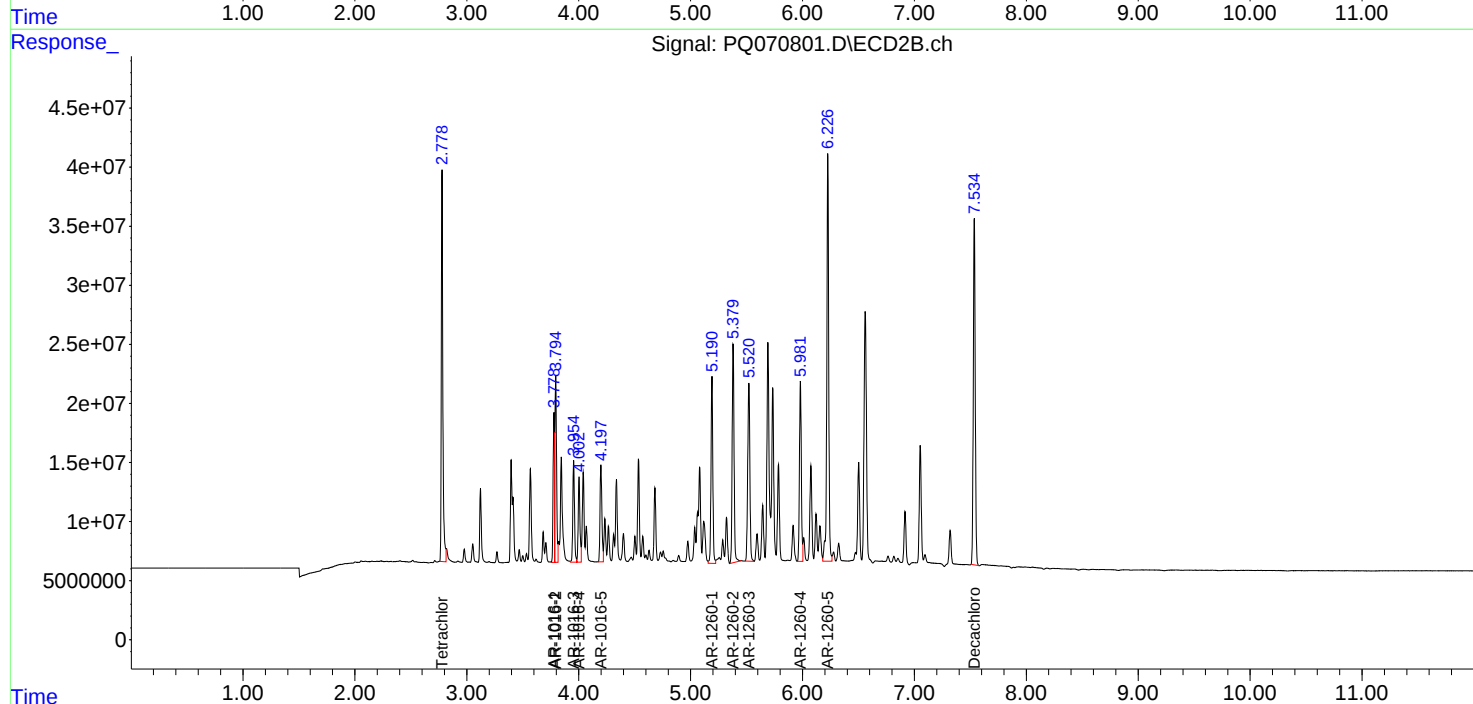
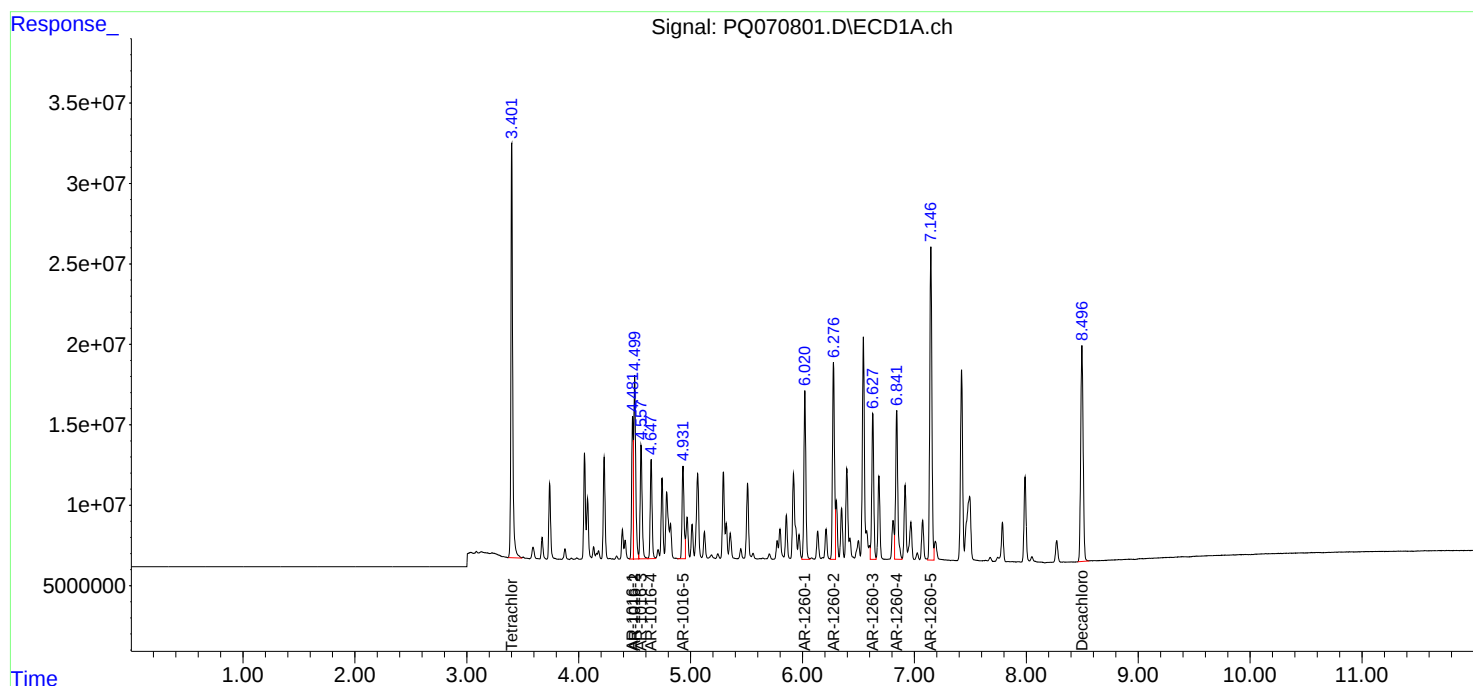
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070801.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 12:20
Operator : YP\AJ
Sample : PQ091025ICV500
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ091025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:35:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/22/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 13:26

Initial Calibration Time(s): 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.01
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.42	6.42	6.32	6.52	0.00
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.67	8.67	8.57	8.77	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/22/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 13:26

Initial Calibration Time(s): 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.00	6.90	7.10	0.00
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113907.D **Time Analyzed:** 13:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.741	4.643	4.843	511.880	500.000	2.4
Aroclor-1016-2	4.759	4.661	4.861	513.760	500.000	2.8
Aroclor-1016-3	4.816	4.718	4.918	498.030	500.000	-0.4
Aroclor-1016-4	4.935	4.837	5.037	502.570	500.000	0.5
Aroclor-1016-5	5.191	5.093	5.293	550.220	500.000	10.0
Aroclor-1260-1	6.227	6.129	6.329	514.910	500.000	3.0
Aroclor-1260-2	6.416	6.319	6.519	497.920	500.000	-0.4
Aroclor-1260-3	6.781	6.683	6.883	509.790	500.000	2.0
Aroclor-1260-4	7.040	6.941	7.141	555.930	500.000	11.2
Aroclor-1260-5	7.284	7.185	7.385	561.650	500.000	12.3
Decachlorobiphenyl	8.667	8.570	8.770	46.230	50.000	-7.5
Tetrachloro-m-xylene	3.659	3.560	3.760	53.850	50.000	7.7



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113907.D **Time Analyzed:** 13:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.721	4.623	4.823	488.230	500.000	-2.4
Aroclor-1016-2	4.738	4.641	4.841	492.580	500.000	-1.5
Aroclor-1016-3	4.913	4.816	5.016	496.450	500.000	-0.7
Aroclor-1016-4	4.956	4.858	5.058	493.470	500.000	-1.3
Aroclor-1016-5	5.167	5.070	5.270	509.880	500.000	2.0
Aroclor-1260-1	6.193	6.096	6.296	471.840	500.000	-5.6
Aroclor-1260-2	6.382	6.284	6.484	459.060	500.000	-8.2
Aroclor-1260-3	6.532	6.435	6.635	442.950	500.000	-11.4
Aroclor-1260-4	7.001	6.903	7.103	457.730	500.000	-8.5
Aroclor-1260-5	7.244	7.146	7.346	455.040	500.000	-9.0
Decachlorobiphenyl	8.612	8.514	8.714	49.130	50.000	-1.7
Tetrachloro-m-xylene	3.650	3.551	3.751	51.590	50.000	3.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
 Data File : PO113907.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 13:26
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 13:46:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:49:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	474.9E6	275.6E6	53.850	51.593
2) SA Decachlor...	8.667	8.612	309.3E6	102.6E6	46.232	49.128
Target Compounds						
3) L1 AR-1016-1	4.741	4.721	155.4E6	88974891	511.880	488.225
4) L1 AR-1016-2	4.759	4.738	233.8E6	136.4E6	513.755	492.582
5) L1 AR-1016-3	4.816	4.913	149.0E6	74141813	498.033	496.451
6) L1 AR-1016-4	4.935	4.956	120.8E6	59566042	502.574	493.467
7) L1 AR-1016-5	5.191	5.167	132.1E6	76515609	550.222	509.879
31) L7 AR-1260-1	6.227	6.193	252.4E6	118.6E6	514.912	471.839
32) L7 AR-1260-2	6.416	6.382	381.3E6	151.8E6	497.919	459.058
33) L7 AR-1260-3	6.781	6.532	343.0E6	124.2E6	509.793	442.947
34) L7 AR-1260-4	7.040	7.001	240.6E6	87523842	555.928	457.734
35) L7 AR-1260-5	7.284	7.244	636.2E6	193.7E6	561.646	455.044

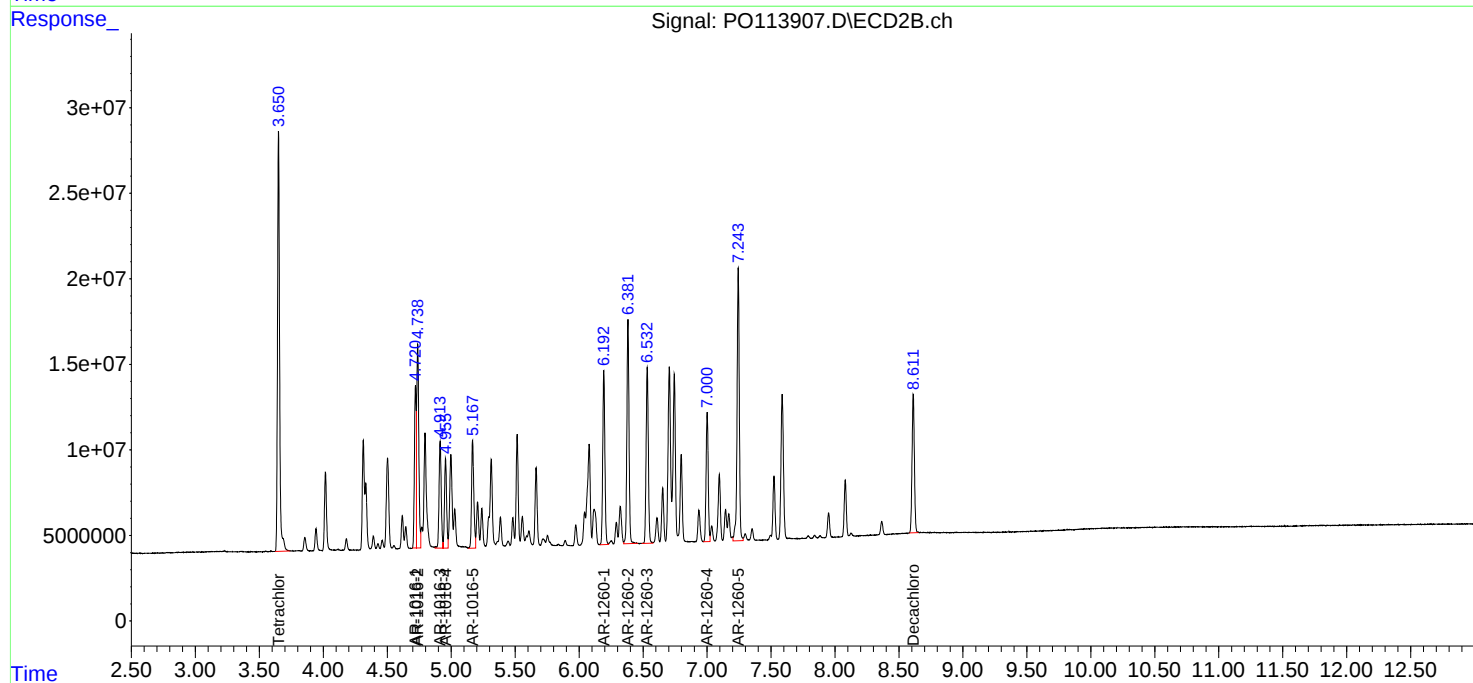
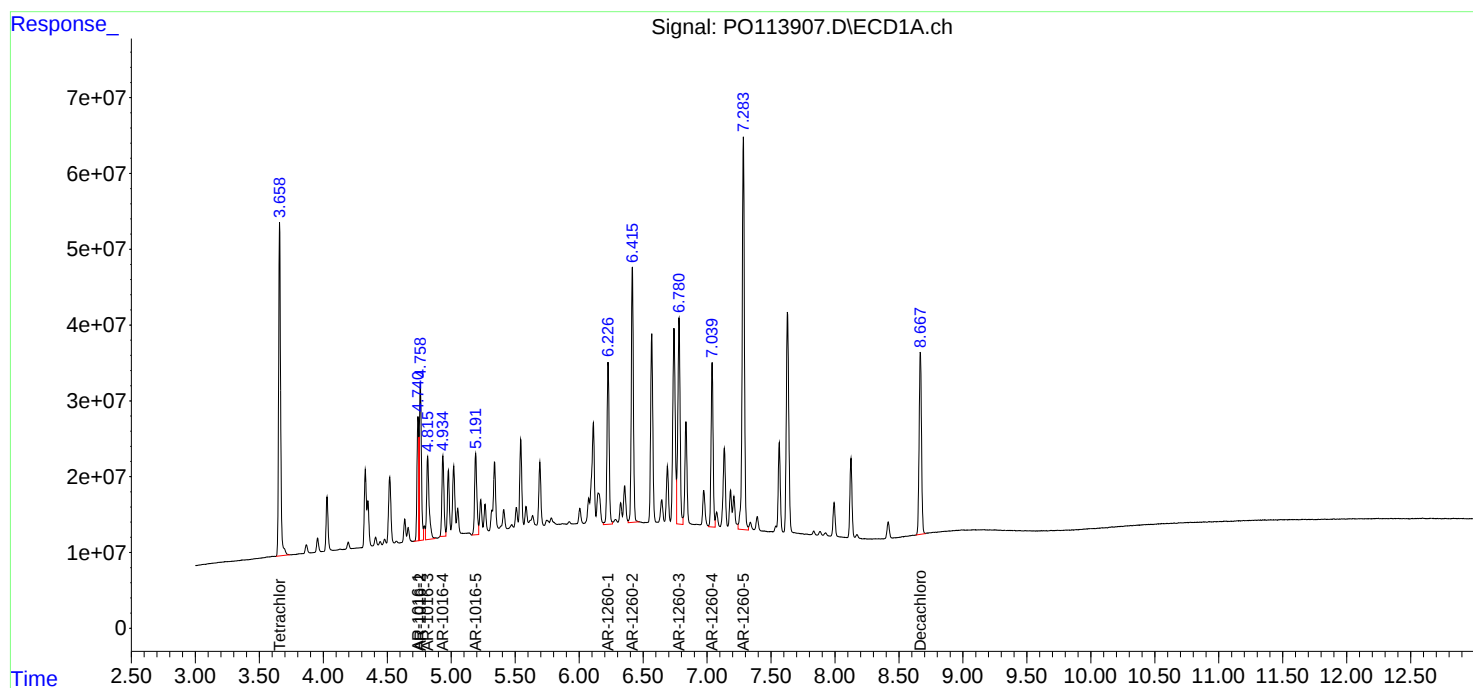
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092225\
Data File : PO113907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 13:26
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 13:46:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/22/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 18:07

Initial Calibration Time(s): 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.42	6.42	6.32	6.52	0.00
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.67	8.67	8.57	8.77	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/22/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 18:07

Initial Calibration Time(s): 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.00	6.90	7.10	0.00
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113919.D **Time Analyzed:** 18:07

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.741	4.643	4.843	491.900	500.000	-1.6
Aroclor-1016-2	4.760	4.661	4.861	498.360	500.000	-0.3
Aroclor-1016-3	4.817	4.718	4.918	478.980	500.000	-4.2
Aroclor-1016-4	4.936	4.837	5.037	486.290	500.000	-2.7
Aroclor-1016-5	5.192	5.093	5.293	567.270	500.000	13.5
Aroclor-1260-1	6.227	6.129	6.329	510.180	500.000	2.0
Aroclor-1260-2	6.416	6.319	6.519	480.240	500.000	-4.0
Aroclor-1260-3	6.781	6.683	6.883	477.220	500.000	-4.6
Aroclor-1260-4	7.039	6.941	7.141	535.900	500.000	7.2
Aroclor-1260-5	7.283	7.185	7.385	541.560	500.000	8.3
Decachlorobiphenyl	8.668	8.570	8.770	43.100	50.000	-13.8
Tetrachloro-m-xylene	3.659	3.560	3.760	52.680	50.000	5.4



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113919.D **Time Analyzed:** 18:07

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.721	4.623	4.823	488.360	500.000	-2.3
Aroclor-1016-2	4.740	4.641	4.841	483.290	500.000	-3.3
Aroclor-1016-3	4.914	4.816	5.016	492.170	500.000	-1.6
Aroclor-1016-4	4.957	4.858	5.058	488.570	500.000	-2.3
Aroclor-1016-5	5.168	5.070	5.270	510.810	500.000	2.2
Aroclor-1260-1	6.193	6.096	6.296	463.780	500.000	-7.2
Aroclor-1260-2	6.382	6.284	6.484	460.500	500.000	-7.9
Aroclor-1260-3	6.533	6.435	6.635	433.520	500.000	-13.3
Aroclor-1260-4	7.001	6.903	7.103	445.890	500.000	-10.8
Aroclor-1260-5	7.244	7.146	7.346	442.880	500.000	-11.4
Decachlorobiphenyl	8.612	8.514	8.714	48.500	50.000	-3.0
Tetrachloro-m-xylene	3.650	3.551	3.751	51.130	50.000	2.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
 Data File : PO113919.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 18:07
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:42:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:49:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	464.6E6	273.1E6	52.677	51.126
2) SA Decachlor...	8.668	8.612	288.3E6	101.3E6	43.096	48.503
Target Compounds						
3) L1 AR-1016-1	4.741	4.721	149.3E6	88999669	491.897	488.361
4) L1 AR-1016-2	4.760	4.740	226.8E6	133.8E6	498.361	483.290
5) L1 AR-1016-3	4.817	4.914	143.3E6	73502967	478.977	492.173
6) L1 AR-1016-4	4.936	4.957	116.9E6	58974606	486.290	488.567
7) L1 AR-1016-5	5.192	5.168	136.2E6	76655664	567.275	510.813
31) L7 AR-1260-1	6.227	6.193	250.1E6	116.5E6	510.178	463.781
32) L7 AR-1260-2	6.416	6.382	367.8E6	152.2E6	480.239	460.500
33) L7 AR-1260-3	6.781	6.533	321.1E6	121.5E6	477.220	433.518
34) L7 AR-1260-4	7.039	7.001	231.9E6	85259560	535.896	445.892
35) L7 AR-1260-5	7.283	7.244	613.5E6	188.5E6	541.563	442.878

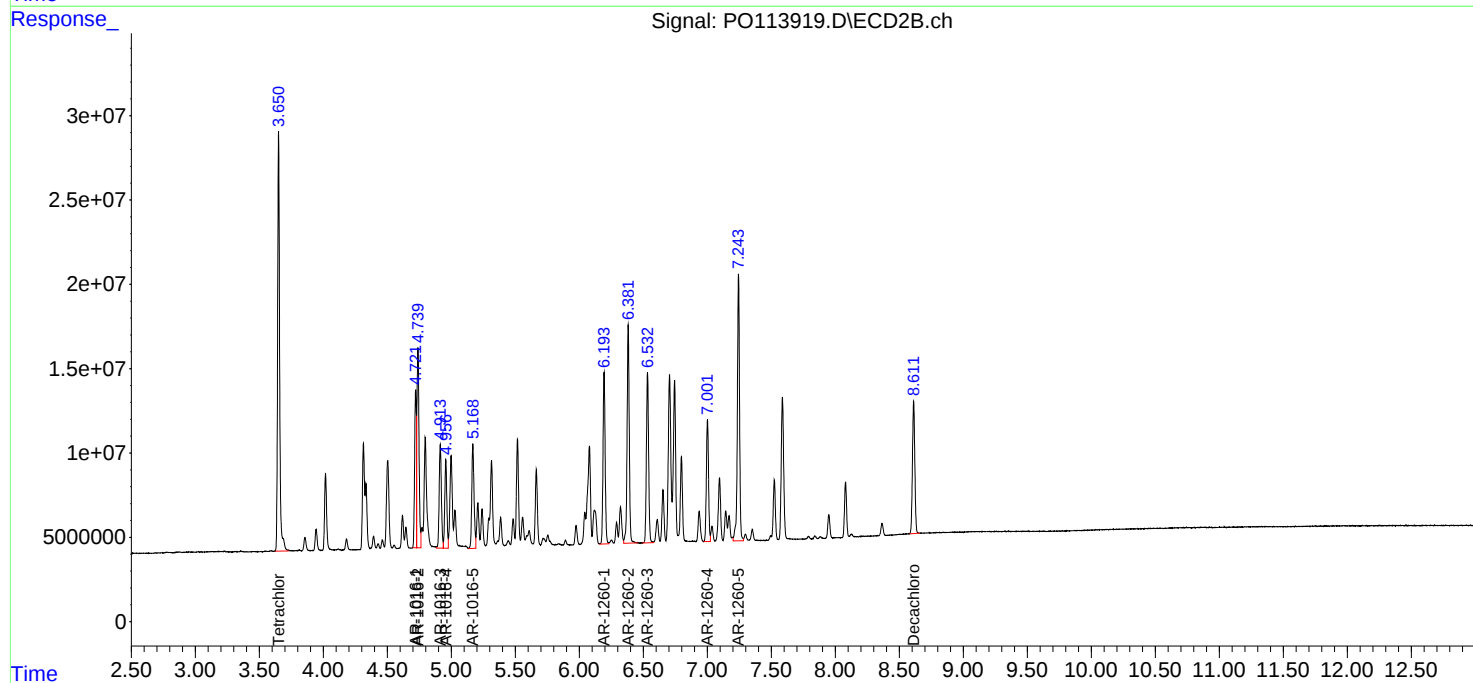
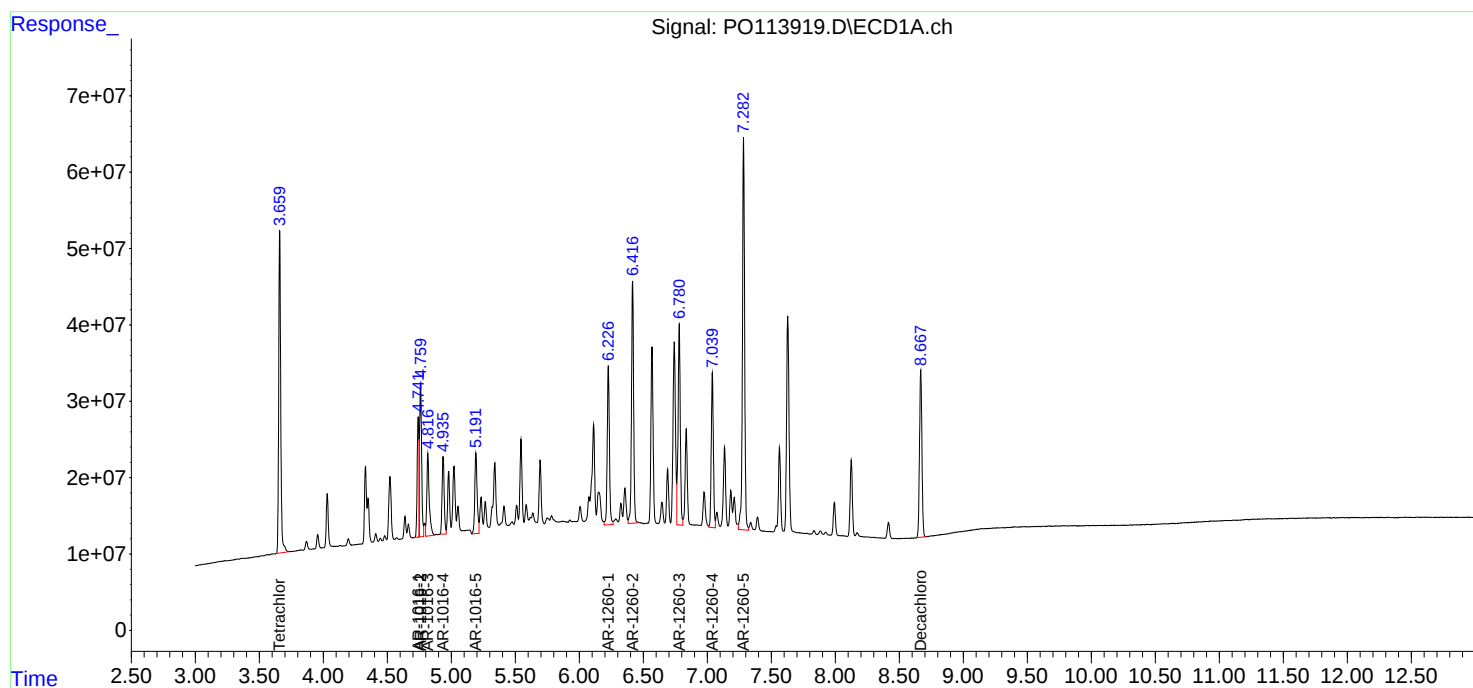
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092225\
Data File : PO113919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 18:07
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:42:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/23/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 05:16

Initial Calibration Time(s): 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.42	6.42	6.32	6.52	0.00
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.67	8.67	8.57	8.77	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/23/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 05:16

Initial Calibration Time(s): 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.00	6.90	7.10	0.00
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL03 **Date Analyzed:** 09/23/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113948.D **Time Analyzed:** 05:16

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.742	4.643	4.843	507.230	500.000	1.4
Aroclor-1016-2	4.760	4.661	4.861	525.810	500.000	5.2
Aroclor-1016-3	4.817	4.718	4.918	520.560	500.000	4.1
Aroclor-1016-4	4.936	4.837	5.037	512.640	500.000	2.5
Aroclor-1016-5	5.192	5.093	5.293	540.270	500.000	8.1
Aroclor-1260-1	6.226	6.129	6.329	556.490	500.000	11.3
Aroclor-1260-2	6.417	6.319	6.519	532.460	500.000	6.5
Aroclor-1260-3	6.782	6.683	6.883	530.960	500.000	6.2
Aroclor-1260-4	7.039	6.941	7.141	593.180	500.000	18.6
Aroclor-1260-5	7.283	7.185	7.385	593.790	500.000	18.8
Decachlorobiphenyl	8.668	8.570	8.770	48.670	50.000	-2.7
Tetrachloro-m-xylene	3.659	3.560	3.760	53.560	50.000	7.1



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL03 **Date Analyzed:** 09/23/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113948.D **Time Analyzed:** 05:16

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.721	4.623	4.823	496.850	500.000	-0.6
Aroclor-1016-2	4.738	4.641	4.841	497.320	500.000	-0.5
Aroclor-1016-3	4.913	4.816	5.016	515.340	500.000	3.1
Aroclor-1016-4	4.956	4.858	5.058	504.390	500.000	0.9
Aroclor-1016-5	5.167	5.070	5.270	534.610	500.000	6.9
Aroclor-1260-1	6.193	6.096	6.296	492.560	500.000	-1.5
Aroclor-1260-2	6.382	6.284	6.484	485.240	500.000	-3.0
Aroclor-1260-3	6.532	6.435	6.635	460.360	500.000	-7.9
Aroclor-1260-4	7.001	6.903	7.103	476.490	500.000	-4.7
Aroclor-1260-5	7.243	7.146	7.346	472.800	500.000	-5.4
Decachlorobiphenyl	8.611	8.514	8.714	51.530	50.000	3.1
Tetrachloro-m-xylene	3.650	3.551	3.751	51.760	50.000	3.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
 Data File : PO113948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 05:16
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2025
 Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 05:35:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:49:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	472.4E6	276.4E6	53.561	51.759
2) SA Decachlor...	8.668	8.611	325.6E6	107.6E6	48.668	51.533
Target Compounds						
3) L1 AR-1016-1	4.742	4.721	154.0E6	90546802	507.233	496.851
4) L1 AR-1016-2	4.760	4.738	239.3E6	137.7E6	525.812	497.324
5) L1 AR-1016-3	4.817	4.913	155.8E6	76963301	520.564	515.344
6) L1 AR-1016-4	4.936	4.956	123.2E6	60884948	512.637	504.393
7) L1 AR-1016-5	5.192	5.167	129.7E6	80227456	540.274m	534.614
31) L7 AR-1260-1	6.226	6.193	272.8E6	123.8E6	556.493	492.557
32) L7 AR-1260-2	6.417	6.382	407.8E6	160.4E6	532.458	485.244
33) L7 AR-1260-3	6.782	6.532	357.2E6	129.1E6	530.962	460.360
34) L7 AR-1260-4	7.039	7.001	256.7E6	91109338	593.182m	476.485
35) L7 AR-1260-5	7.283	7.243	672.7E6	201.3E6	593.792m	472.802

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092225\
Data File : PO113948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 05:16
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

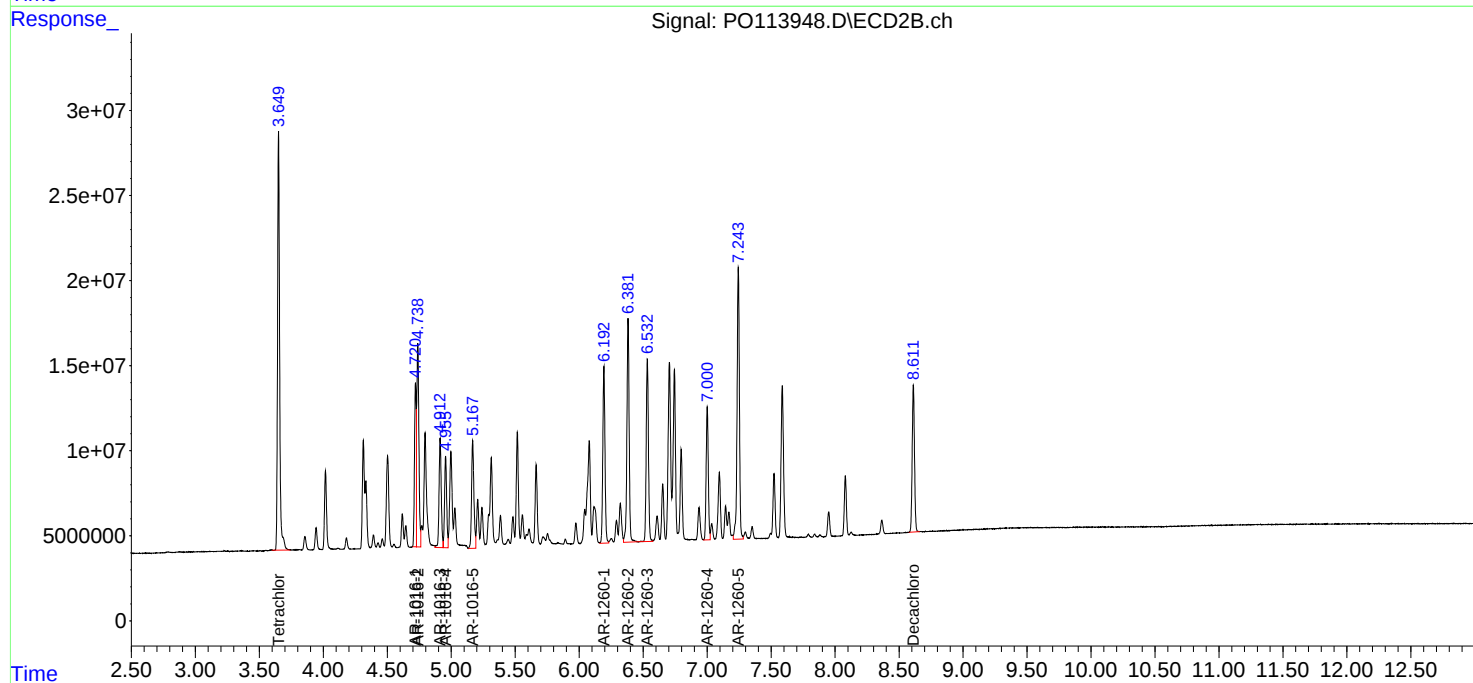
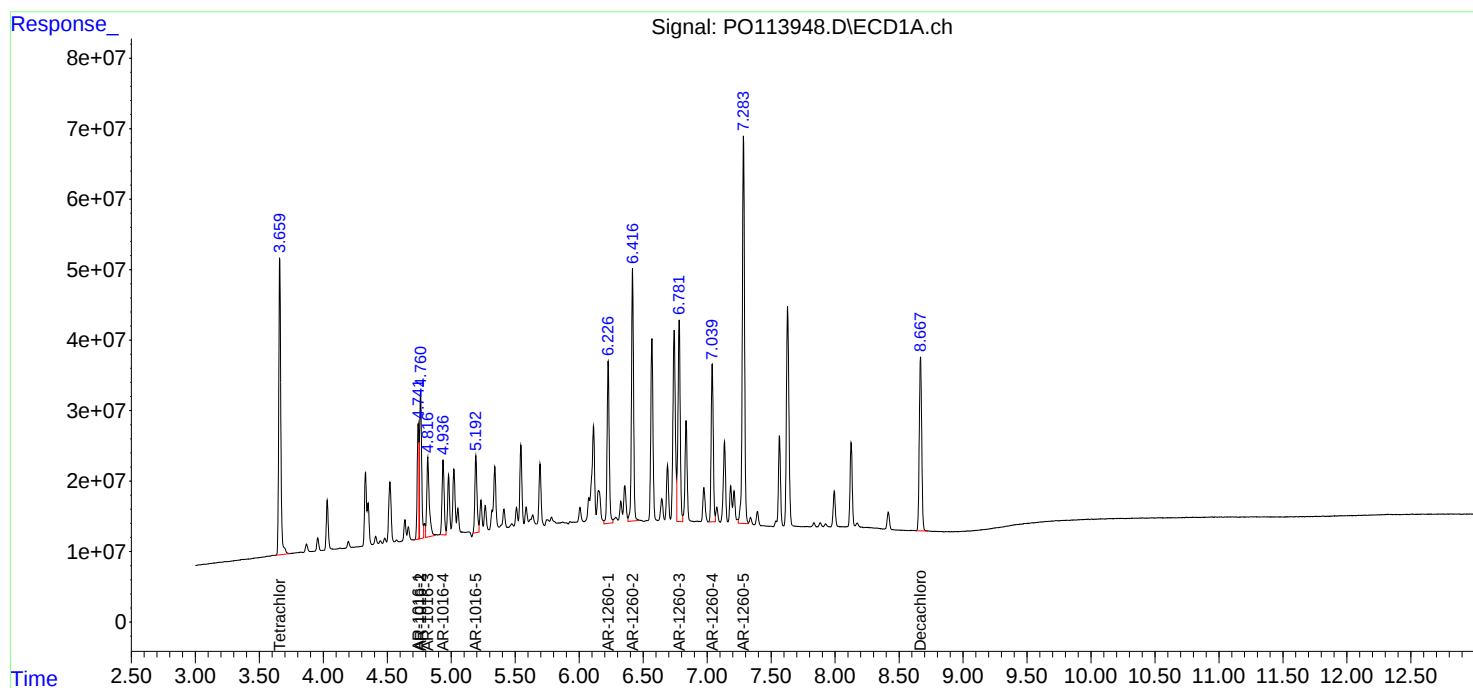
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/23/2025
Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 05:35:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/23/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 08:56

Initial Calibration Time(s): 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.42	6.42	6.32	6.52	0.00
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.67	8.67	8.57	8.77	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/23/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 08:56

Initial Calibration Time(s): 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.00	6.90	7.10	0.00
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/23/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113957.D **Time Analyzed:** 08:56

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.741	4.643	4.843	501.600	500.000	0.3
Aroclor-1016-2	4.759	4.661	4.861	511.580	500.000	2.3
Aroclor-1016-3	4.816	4.718	4.918	504.390	500.000	0.9
Aroclor-1016-4	4.934	4.837	5.037	501.090	500.000	0.2
Aroclor-1016-5	5.191	5.093	5.293	506.890	500.000	1.4
Aroclor-1260-1	6.226	6.129	6.329	547.250	500.000	9.5
Aroclor-1260-2	6.416	6.319	6.519	537.780	500.000	7.6
Aroclor-1260-3	6.781	6.683	6.883	523.420	500.000	4.7
Aroclor-1260-4	7.039	6.941	7.141	592.790	500.000	18.6
Aroclor-1260-5	7.282	7.185	7.385	596.750	500.000	19.4
Decachlorobiphenyl	8.668	8.570	8.770	51.980	50.000	4.0
Tetrachloro-m-xylene	3.659	3.560	3.760	53.050	50.000	6.1



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/23/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO113957.D **Time Analyzed:** 08:56

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.720	4.623	4.823	479.330	500.000	-4.1
Aroclor-1016-2	4.738	4.641	4.841	482.560	500.000	-3.5
Aroclor-1016-3	4.913	4.816	5.016	512.650	500.000	2.5
Aroclor-1016-4	4.956	4.858	5.058	494.990	500.000	-1.0
Aroclor-1016-5	5.167	5.070	5.270	543.180	500.000	8.6
Aroclor-1260-1	6.192	6.096	6.296	476.790	500.000	-4.6
Aroclor-1260-2	6.381	6.284	6.484	481.400	500.000	-3.7
Aroclor-1260-3	6.532	6.435	6.635	443.950	500.000	-11.2
Aroclor-1260-4	7.000	6.903	7.103	457.200	500.000	-8.6
Aroclor-1260-5	7.243	7.146	7.346	456.250	500.000	-8.8
Decachlorobiphenyl	8.611	8.514	8.714	52.880	50.000	5.8
Tetrachloro-m-xylene	3.649	3.551	3.751	50.440	50.000	0.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
 Data File : PO113957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 08:56
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2025
 Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 09:16:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:49:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.649	467.9E6	269.4E6	53.048	50.444
2) SA Decachlor...	8.668	8.611	347.8E6	110.4E6	51.984	52.881
Target Compounds						
3) L1 AR-1016-1	4.741	4.720	152.2E6	87354014	501.595	479.331
4) L1 AR-1016-2	4.759	4.738	232.8E6	133.6E6	511.584	482.563
5) L1 AR-1016-3	4.816	4.913	150.9E6	76560571	504.393	512.647
6) L1 AR-1016-4	4.934	4.956	120.5E6	59749779	501.087m	494.989
7) L1 AR-1016-5	5.191	5.167	121.7E6	81513230	506.889m	543.182
31) L7 AR-1260-1	6.226	6.192	268.3E6	119.8E6	547.252	476.793
32) L7 AR-1260-2	6.416	6.381	411.9E6	159.2E6	537.780	481.399
33) L7 AR-1260-3	6.781	6.532	352.2E6	124.5E6	523.423	443.951
34) L7 AR-1260-4	7.039	7.000	256.5E6	87421346	592.785	457.198
35) L7 AR-1260-5	7.282	7.243	676.0E6	194.2E6	596.754m	456.247

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092225\
Data File : PO113957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 08:56
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

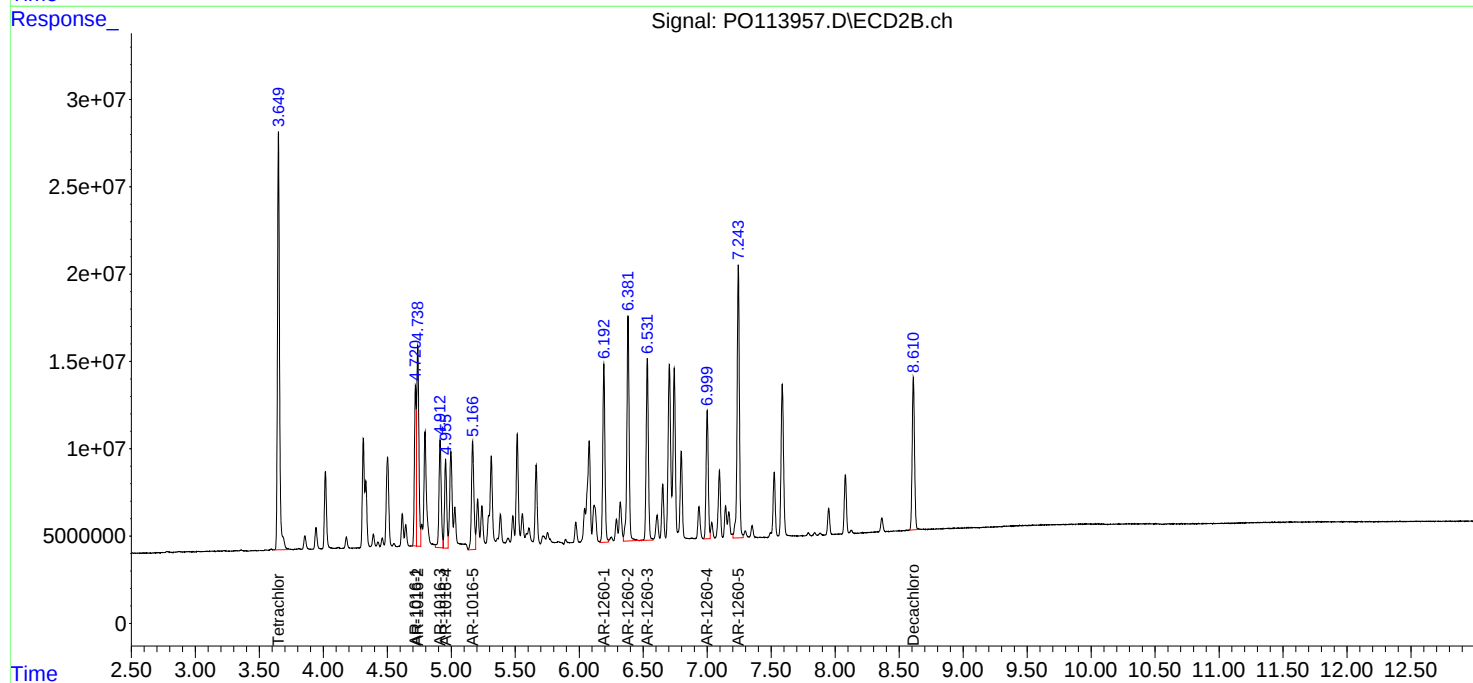
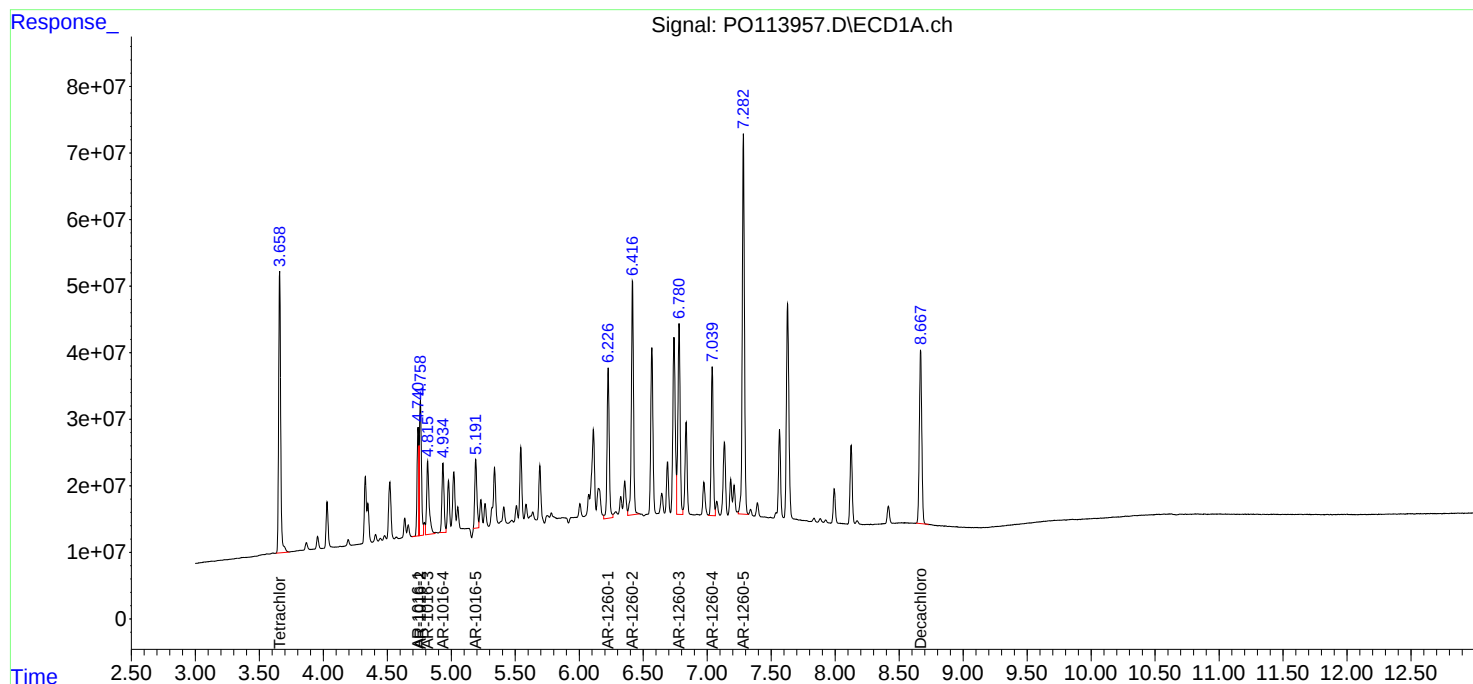
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/23/2025
Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 09:16:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/22/2025

Initial Calibration Date(s): 09/10/2025 09/10/2025

Continuing Calib Time: 13:19

Initial Calibration Time(s): 09:25 12:05

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.48	4.48	4.38	4.58	0.00
Aroclor-1016-2	(2)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-3	(3)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-4	(4)	4.65	4.65	4.55	4.75	0.00
Aroclor-1016-5	(5)	4.93	4.93	4.83	5.03	0.00
Aroclor-1260-1	(1)	6.02	6.02	5.92	6.12	0.00
Aroclor-1260-2	(2)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-3	(3)	6.63	6.63	6.53	6.73	0.00
Aroclor-1260-4	(4)	6.84	6.84	6.74	6.94	0.00
Aroclor-1260-5	(5)	7.15	7.15	7.05	7.25	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.50	8.50	8.40	8.60	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/22/2025

Initial Calibration Date(s): 09/10/2025 09/10/2025

Continuing Calib Time: 13:19

Initial Calibration Time(s): 09:25 12:05

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.78	3.78	3.68	3.88	0.00
Aroclor-1016-2	(2)	3.79	3.79	3.69	3.89	0.00
Aroclor-1016-3	(3)	3.95	3.95	3.85	4.05	0.00
Aroclor-1016-4	(4)	4.00	4.00	3.90	4.10	0.00
Aroclor-1016-5	(5)	4.20	4.20	4.10	4.30	0.00
Aroclor-1260-1	(1)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-2	(2)	5.38	5.38	5.28	5.48	0.00
Aroclor-1260-3	(3)	5.52	5.52	5.42	5.62	0.00
Aroclor-1260-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1260-5	(5)	6.22	6.23	6.13	6.33	0.01
Tetrachloro-m-xylene		2.78	2.78	2.68	2.88	0.00
Decachlorobiphenyl		7.53	7.54	7.44	7.64	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/10/2025 09/10/2025

Client Sample No.: CCAL05 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ070933.D **Time Analyzed:** 13:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.481	4.381	4.581	513.770	500.000	2.8
Aroclor-1016-2	4.499	4.400	4.600	501.390	500.000	0.3
Aroclor-1016-3	4.557	4.457	4.657	505.140	500.000	1.0
Aroclor-1016-4	4.647	4.548	4.748	504.520	500.000	0.9
Aroclor-1016-5	4.931	4.832	5.032	496.020	500.000	-0.8
Aroclor-1260-1	6.021	5.921	6.121	475.250	500.000	-5.0
Aroclor-1260-2	6.276	6.177	6.377	463.260	500.000	-7.3
Aroclor-1260-3	6.627	6.528	6.728	478.450	500.000	-4.3
Aroclor-1260-4	6.841	6.742	6.942	465.380	500.000	-6.9
Aroclor-1260-5	7.147	7.047	7.247	466.690	500.000	-6.7
Decachlorobiphenyl	8.497	8.399	8.599	47.760	50.000	-4.5
Tetrachloro-m-xylene	3.401	3.302	3.502	51.930	50.000	3.9



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/10/2025 09/10/2025

Client Sample No.: CCAL05 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ070933.D **Time Analyzed:** 13:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	3.778	3.678	3.878	468.310	500.000	-6.3
Aroclor-1016-2	3.794	3.694	3.894	461.740	500.000	-7.7
Aroclor-1016-3	3.954	3.854	4.054	455.180	500.000	-9.0
Aroclor-1016-4	4.003	3.903	4.103	454.740	500.000	-9.1
Aroclor-1016-5	4.197	4.097	4.297	467.020	500.000	-6.6
Aroclor-1260-1	5.190	5.090	5.290	437.300	500.000	-12.5
Aroclor-1260-2	5.379	5.280	5.480	441.930	500.000	-11.6
Aroclor-1260-3	5.519	5.420	5.620	436.480	500.000	-12.7
Aroclor-1260-4	5.979	5.880	6.080	419.480	500.000	-16.1
Aroclor-1260-5	6.224	6.126	6.326	418.970	500.000	-16.2
Decachlorobiphenyl	7.533	7.436	7.636	38.730	50.000	-22.5
Tetrachloro-m-xylene	2.778	2.678	2.878	47.130	50.000	-5.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092225\
 Data File : PQ070933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 13:19
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 14:09:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.401	2.778	278.2E6	302.2E6	51.934	47.127
2) SA Decachlor...	8.497	7.533	184.1E6	273.1E6	47.756	38.729
Target Compounds						
3) L1 AR-1016-1	4.481	3.778	85176184	100.4E6	513.774	468.311
4) L1 AR-1016-2	4.499	3.794	133.7E6	150.1E6	501.390	461.739
5) L1 AR-1016-3	4.557	3.954	83639525	82718837	505.140	455.179
6) L1 AR-1016-4	4.647	4.003	68302502	72074362	504.522	454.742
7) L1 AR-1016-5	4.931	4.197	66331801	87032309	496.024	467.017
31) L7 AR-1260-1	6.021	5.190	116.4E6	156.1E6	475.253	437.304
32) L7 AR-1260-2	6.276	5.379	138.8E6	188.0E6	463.255	441.931
33) L7 AR-1260-3	6.627	5.519	102.5E6	176.6E6	478.450	436.481
34) L7 AR-1260-4	6.841	5.979	110.6E6	148.5E6	465.379	419.476
35) L7 AR-1260-5	7.147	6.224	223.0E6	344.0E6	466.688	418.966

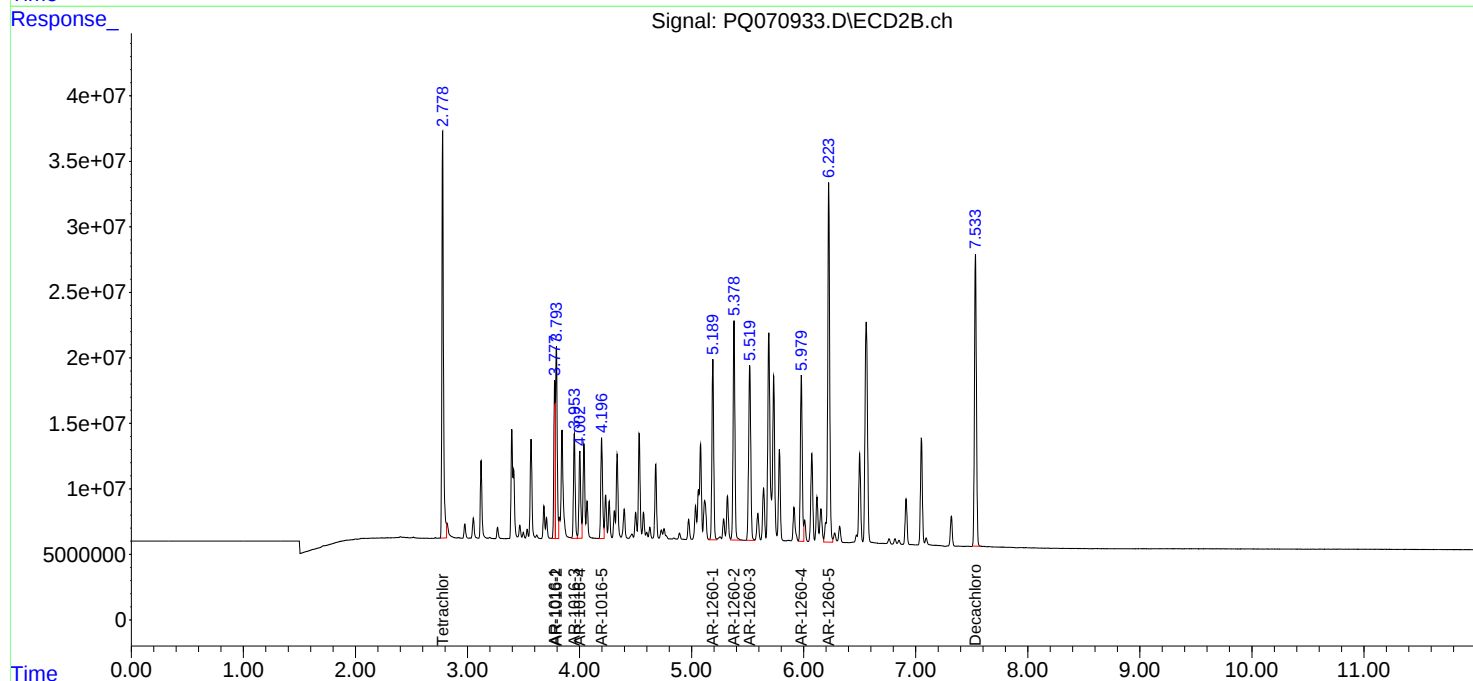
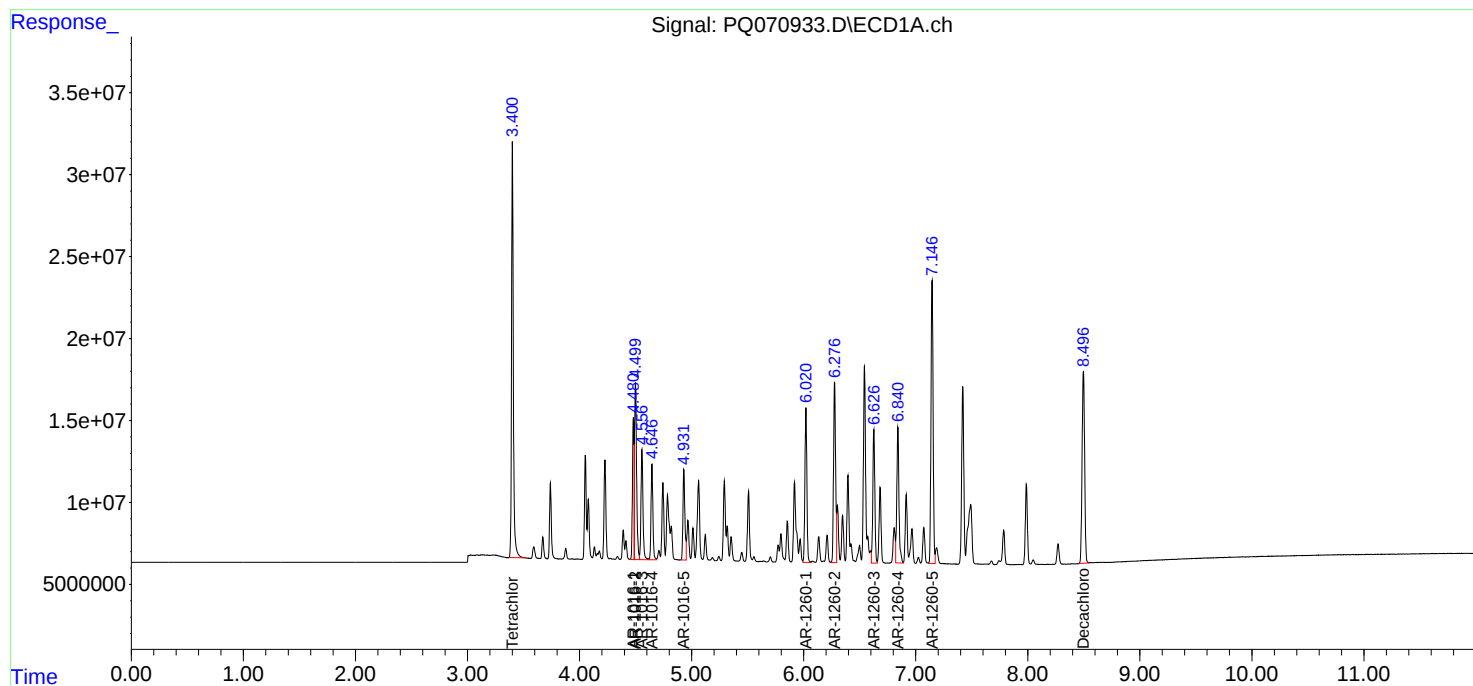
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092225\
Data File : PQ070933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 13:19
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 14:09:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/22/2025

Initial Calibration Date(s): 09/10/2025 09/10/2025

Continuing Calib Time: 18:02

Initial Calibration Time(s): 09:25 12:05

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.48	4.48	4.38	4.58	0.00
Aroclor-1016-2	(2)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-3	(3)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-4	(4)	4.65	4.65	4.55	4.75	0.00
Aroclor-1016-5	(5)	4.93	4.93	4.83	5.03	0.00
Aroclor-1260-1	(1)	6.02	6.02	5.92	6.12	0.00
Aroclor-1260-2	(2)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-3	(3)	6.63	6.63	6.53	6.73	0.00
Aroclor-1260-4	(4)	6.84	6.84	6.74	6.94	0.00
Aroclor-1260-5	(5)	7.15	7.15	7.05	7.25	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.50	8.50	8.40	8.60	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Continuing Calib Date: 09/22/2025

Initial Calibration Date(s): 09/10/2025 09/10/2025

Continuing Calib Time: 18:02

Initial Calibration Time(s): 09:25 12:05

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.78	3.78	3.68	3.88	0.00
Aroclor-1016-2	(2)	3.79	3.79	3.69	3.89	0.00
Aroclor-1016-3	(3)	3.95	3.95	3.85	4.05	0.00
Aroclor-1016-4	(4)	4.00	4.00	3.90	4.10	0.00
Aroclor-1016-5	(5)	4.20	4.20	4.10	4.30	0.00
Aroclor-1260-1	(1)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-2	(2)	5.38	5.38	5.28	5.48	0.00
Aroclor-1260-3	(3)	5.52	5.52	5.42	5.62	0.00
Aroclor-1260-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1260-5	(5)	6.22	6.23	6.13	6.33	0.01
Tetrachloro-m-xylene		2.78	2.78	2.68	2.88	0.00
Decachlorobiphenyl		7.53	7.54	7.44	7.64	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/10/2025 09/10/2025

Client Sample No.: CCAL06 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ070944.D **Time Analyzed:** 18:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.481	4.381	4.581	556.890	500.000	11.4
Aroclor-1016-2	4.499	4.400	4.600	526.870	500.000	5.4
Aroclor-1016-3	4.557	4.457	4.657	536.580	500.000	7.3
Aroclor-1016-4	4.647	4.548	4.748	538.050	500.000	7.6
Aroclor-1016-5	4.932	4.832	5.032	534.980	500.000	7.0
Aroclor-1260-1	6.021	5.921	6.121	458.190	500.000	-8.4
Aroclor-1260-2	6.277	6.177	6.377	508.510	500.000	1.7
Aroclor-1260-3	6.628	6.528	6.728	526.050	500.000	5.2
Aroclor-1260-4	6.841	6.742	6.942	481.440	500.000	-3.7
Aroclor-1260-5	7.146	7.047	7.247	453.090	500.000	-9.4
Decachlorobiphenyl	8.498	8.399	8.599	43.890	50.000	-12.2
Tetrachloro-m-xylene	3.401	3.302	3.502	54.310	50.000	8.6



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **SDG NO.:** Q3155
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/10/2025 09/10/2025

Client Sample No.: CCAL06 **Date Analyzed:** 09/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ070944.D **Time Analyzed:** 18:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	3.777	3.678	3.878	478.160	500.000	-4.4
Aroclor-1016-2	3.793	3.694	3.894	471.340	500.000	-5.7
Aroclor-1016-3	3.953	3.854	4.054	465.970	500.000	-6.8
Aroclor-1016-4	4.002	3.903	4.103	465.760	500.000	-6.8
Aroclor-1016-5	4.197	4.097	4.297	476.280	500.000	-4.7
Aroclor-1260-1	5.189	5.090	5.290	469.880	500.000	-6.0
Aroclor-1260-2	5.378	5.280	5.480	459.590	500.000	-8.1
Aroclor-1260-3	5.520	5.420	5.620	448.810	500.000	-10.2
Aroclor-1260-4	5.980	5.880	6.080	414.370	500.000	-17.1
Aroclor-1260-5	6.224	6.126	6.326	409.830	500.000	-18.0
Decachlorobiphenyl	7.534	7.436	7.636	34.360	50.000	-31.3
Tetrachloro-m-xylene	2.778	2.678	2.878	49.680	50.000	-0.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092225\
 Data File : PQ070944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 18:02
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 03:24:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.401	2.778	290.9E6	318.5E6	54.308	49.677
2) SA Decachlor...	8.498	7.534	169.2E6	242.3E6	43.890	34.355
Target Compounds						
3) L1 AR-1016-1	4.481	3.777	92325035	102.5E6	556.895	478.162
4) L1 AR-1016-2	4.499	3.793	140.5E6	153.2E6	526.873	471.342
5) L1 AR-1016-3	4.557	3.953	88845783	84679924	536.583	465.971
6) L1 AR-1016-4	4.647	4.002	72841067	73820546	538.046	465.759
7) L1 AR-1016-5	4.932	4.197	71541522	88758651	534.981	476.280
31) L7 AR-1260-1	6.021	5.189	112.2E6	167.7E6	458.185	469.885
32) L7 AR-1260-2	6.277	5.378	152.4E6	195.5E6	508.510	459.585
33) L7 AR-1260-3	6.628	5.520	112.7E6	181.5E6	526.047	448.806
34) L7 AR-1260-4	6.841	5.980	114.5E6	146.7E6	481.443	414.371
35) L7 AR-1260-5	7.146	6.224	216.5E6	336.5E6	453.094	409.830

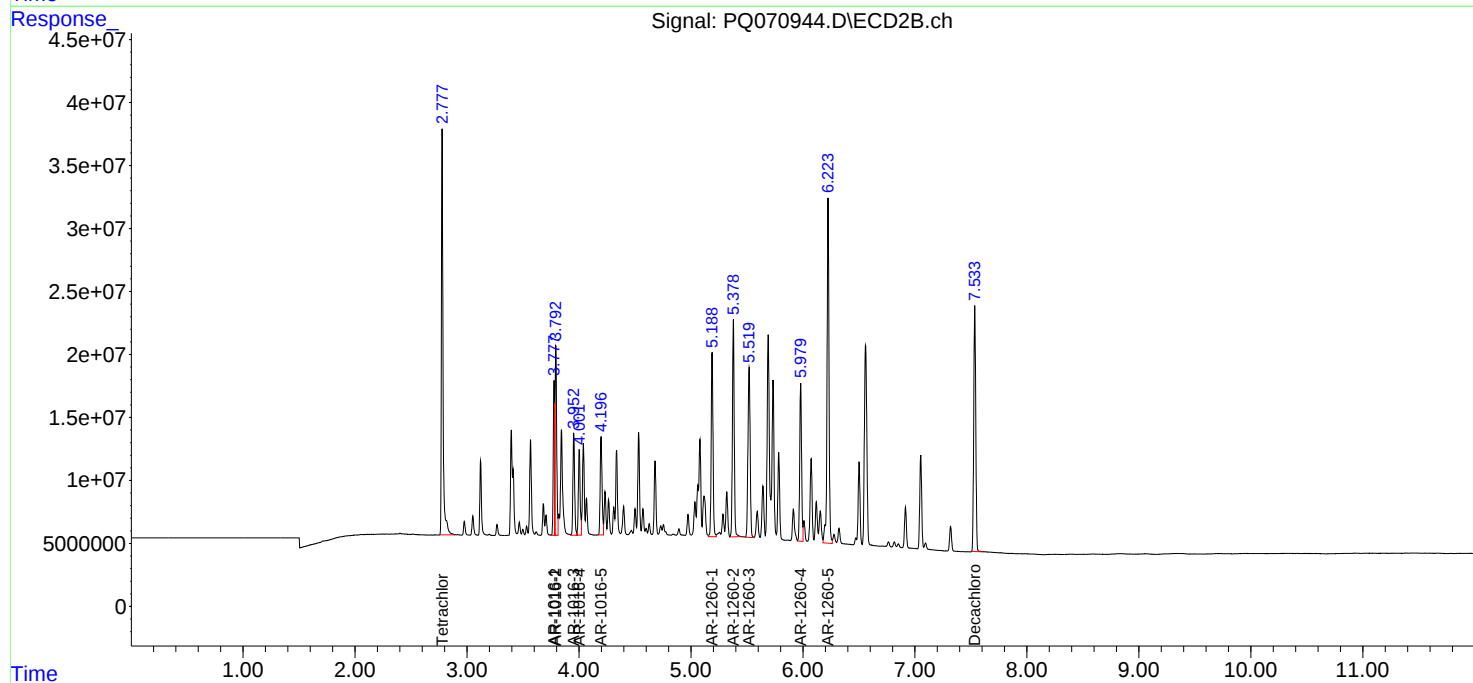
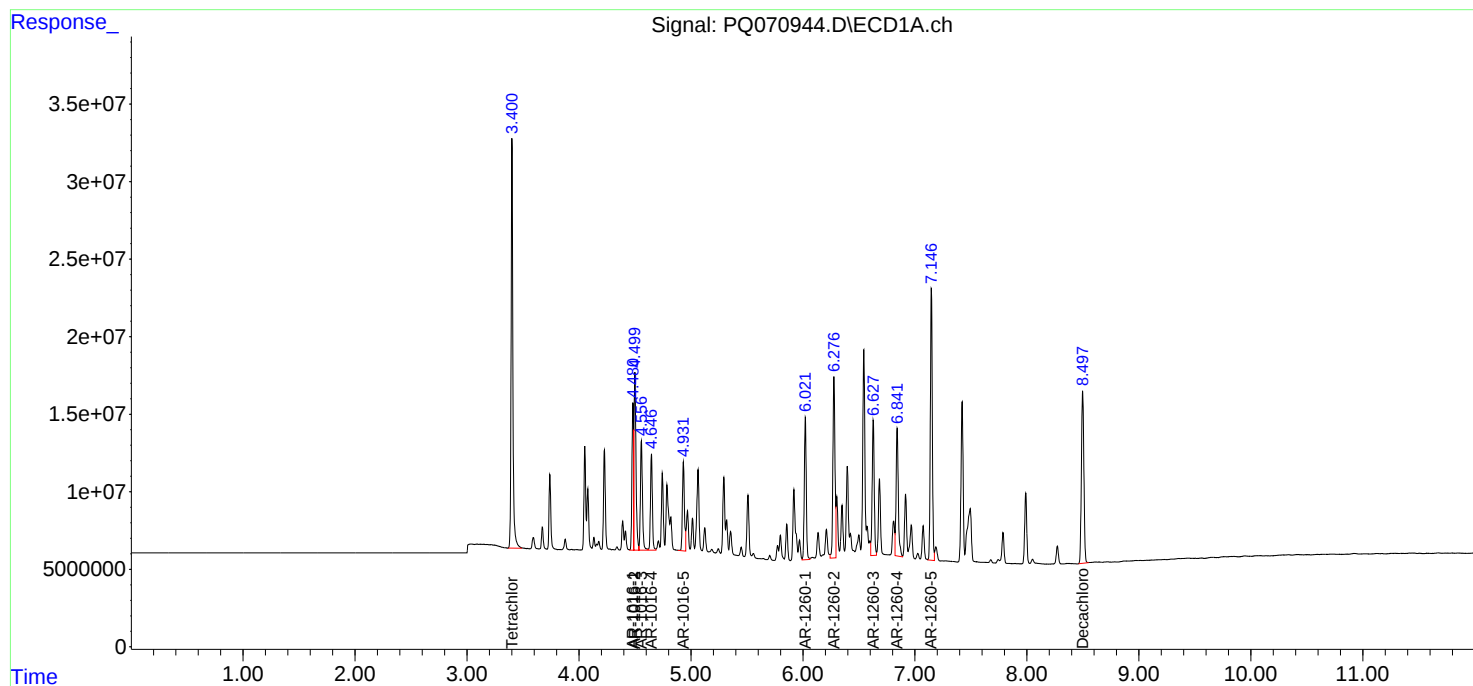
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092225\
Data File : PQ070944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 18:02
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 03:24:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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: Kleinfelder

SDG No.: Q3155

Project: Tanner G. Duckrey Public School

Instrument ID: ECD_O

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/15/2025

09/15/2025

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	09/15/2025	09:16	PO113719.D	8.67	3.66
AR1660ICC1000	AR1660ICC1000	09/15/2025	09:34	PO113720.D	8.67	3.66
AR1660ICC750	AR1660ICC750	09/15/2025	09:53	PO113721.D	8.67	3.66
AR1660ICC500	AR1660ICC500	09/15/2025	10:11	PO113722.D	8.67	3.66
AR1660ICC250	AR1660ICC250	09/15/2025	10:30	PO113723.D	8.67	3.66
AR1660ICC050	AR1660ICC050	09/15/2025	10:48	PO113724.D	8.67	3.66
AR1221ICC500	AR1221ICC500	09/15/2025	11:06	PO113725.D	8.67	3.66
AR1232ICC500	AR1232ICC500	09/15/2025	11:25	PO113726.D	8.67	3.66
AR1242ICC1000	AR1242ICC1000	09/15/2025	11:43	PO113727.D	8.67	3.66
AR1242ICC750	AR1242ICC750	09/15/2025	12:02	PO113728.D	8.67	3.66
AR1242ICC500	AR1242ICC500	09/15/2025	12:20	PO113729.D	8.67	3.66
AR1242ICC250	AR1242ICC250	09/15/2025	12:38	PO113730.D	8.67	3.66
AR1242ICC050	AR1242ICC050	09/15/2025	13:34	PO113731.D	8.67	3.66
AR1248ICC1000	AR1248ICC1000	09/15/2025	13:54	PO113732.D	8.67	3.66
AR1248ICC750	AR1248ICC750	09/15/2025	14:13	PO113733.D	8.67	3.66
AR1248ICC500	AR1248ICC500	09/15/2025	14:31	PO113734.D	8.67	3.66
AR1248ICC250	AR1248ICC250	09/15/2025	14:49	PO113735.D	8.67	3.66
AR1248ICC050	AR1248ICC050	09/15/2025	15:26	PO113736.D	8.67	3.66
AR1254ICC1000	AR1254ICC1000	09/15/2025	15:45	PO113737.D	8.67	3.66
AR1254ICC750	AR1254ICC750	09/15/2025	16:02	PO113738.D	8.67	3.66
AR1254ICC500	AR1254ICC500	09/15/2025	16:20	PO113739.D	8.67	3.66
AR1254ICC250	AR1254ICC250	09/15/2025	16:38	PO113740.D	8.67	3.66
AR1254ICC050	AR1254ICC050	09/15/2025	17:14	PO113741.D	8.67	3.66
AR1262ICC500	AR1262ICC500	09/15/2025	17:33	PO113742.D	8.67	3.66
AR1268ICC1000	AR1268ICC1000	09/15/2025	17:51	PO113743.D	8.67	3.66
AR1268ICC750	AR1268ICC750	09/15/2025	18:10	PO113744.D	8.67	3.66
AR1268ICC500	AR1268ICC500	09/15/2025	18:27	PO113745.D	8.67	3.66
AR1268ICC250	AR1268ICC250	09/15/2025	18:45	PO113746.D	8.67	3.66
AR1268ICC050	AR1268ICC050	09/15/2025	19:21	PO113747.D	8.67	3.66
AR1660CCC500	AR1660CCC500	09/22/2025	13:26	PO113907.D	8.67	3.66
IBLK	IBLK	09/22/2025	13:44	PO113908.D	8.67	3.66
COMP-1	Q3155-01	09/22/2025	16:11	PO113915.D	8.67	3.66
COMP-2	Q3155-02	09/22/2025	16:29	PO113916.D	8.67	3.66
COMP-3	Q3155-03	09/22/2025	16:48	PO113917.D	8.67	3.66
AR1660CCC500	AR1660CCC500	09/22/2025	18:07	PO113919.D	8.67	3.66
IBLK	IBLK	09/22/2025	19:38	PO113923.D	8.67	3.66
AR1660CCC500	AR1660CCC500	09/23/2025	05:16	PO113948.D	8.67	3.66
IBLK	IBLK	09/23/2025	07:06	PO113952.D	8.67	3.66
PB169771BL	PB169771BL	09/23/2025	07:24	PO113953.D	8.67	3.66
PB169771BS	PB169771BS	09/23/2025	07:43	PO113954.D	8.67	3.66
AR1660CCC500	AR1660CCC500	09/23/2025	08:56	PO113957.D	8.67	3.66
IBLK	IBLK	09/23/2025	09:14	PO113958.D	8.67	3.66

Analytical Sequence

LBLK	LBLK	09/10/2025	09:10	PQ070788.D	8.50	3.40
AR1660ICC1000	AR1660ICC1000	09/10/2025	09:25	PQ070789.D	8.50	3.40
AR1660ICC750	AR1660ICC750	09/10/2025	09:39	PQ070790.D	8.50	3.40
AR1660ICC500	AR1660ICC500	09/10/2025	09:54	PQ070791.D	8.50	3.40
AR1660ICC250	AR1660ICC250	09/10/2025	10:09	PQ070792.D	8.50	3.40
AR1660ICC050	AR1660ICC050	09/10/2025	10:23	PQ070793.D	8.50	3.40
AR1221ICC500	AR1221ICC500	09/10/2025	10:38	PQ070794.D	8.50	3.40
AR1232ICC500	AR1232ICC500	09/10/2025	10:52	PQ070795.D	8.50	3.40
AR1242ICC500	AR1242ICC500	09/10/2025	11:07	PQ070796.D	8.50	3.40
AR1248ICC500	AR1248ICC500	09/10/2025	11:21	PQ070797.D	8.50	3.40
AR1254ICC500	AR1254ICC500	09/10/2025	11:36	PQ070798.D	8.50	3.40
AR1262ICC500	AR1262ICC500	09/10/2025	11:51	PQ070799.D	8.50	3.40
AR1268ICC500	AR1268ICC500	09/10/2025	12:05	PQ070800.D	8.50	3.40
AR1660CCC500	AR1660CCC500	09/22/2025	13:19	PQ070933.D	8.50	3.40
LBLK	LBLK	09/22/2025	13:34	PQ070934.D	8.50	3.40
EO-02-091925MS	Q3152-01MS	09/22/2025	15:46	PQ070942.D	8.50	3.40
EO-02-091925MSD	Q3152-01MSD	09/22/2025	16:00	PQ070943.D	8.50	3.40
AR1660CCC500	AR1660CCC500	09/22/2025	18:02	PQ070944.D	8.50	3.40
LBLK	LBLK	09/22/2025	18:31	PQ070945.D	8.50	3.40

Analytical Sequence

Client: Kleinfelder	SDG No.: Q3155
Project: Tanner G. Duckrey Public School	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/15/2025 09/15/2025

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	09/15/2025	09:16	PO113719.D	8.62	3.65
AR1660ICC1000	AR1660ICC1000	09/15/2025	09:34	PO113720.D	8.61	3.65
AR1660ICC750	AR1660ICC750	09/15/2025	09:53	PO113721.D	8.62	3.65
AR1660ICC500	AR1660ICC500	09/15/2025	10:11	PO113722.D	8.61	3.65
AR1660ICC250	AR1660ICC250	09/15/2025	10:30	PO113723.D	8.62	3.65
AR1660ICC050	AR1660ICC050	09/15/2025	10:48	PO113724.D	8.62	3.65
AR1221ICC500	AR1221ICC500	09/15/2025	11:06	PO113725.D	8.61	3.65
AR1232ICC500	AR1232ICC500	09/15/2025	11:25	PO113726.D	8.62	3.65
AR1242ICC1000	AR1242ICC1000	09/15/2025	11:43	PO113727.D	8.62	3.65
AR1242ICC750	AR1242ICC750	09/15/2025	12:02	PO113728.D	8.62	3.65
AR1242ICC500	AR1242ICC500	09/15/2025	12:20	PO113729.D	8.62	3.65
AR1242ICC250	AR1242ICC250	09/15/2025	12:38	PO113730.D	8.62	3.65
AR1242ICC050	AR1242ICC050	09/15/2025	13:34	PO113731.D	8.62	3.65
AR1248ICC1000	AR1248ICC1000	09/15/2025	13:54	PO113732.D	8.62	3.65
AR1248ICC750	AR1248ICC750	09/15/2025	14:13	PO113733.D	8.62	3.65
AR1248ICC500	AR1248ICC500	09/15/2025	14:31	PO113734.D	8.61	3.65
AR1248ICC250	AR1248ICC250	09/15/2025	14:49	PO113735.D	8.62	3.65
AR1248ICC050	AR1248ICC050	09/15/2025	15:26	PO113736.D	8.62	3.65
AR1254ICC1000	AR1254ICC1000	09/15/2025	15:45	PO113737.D	8.62	3.65
AR1254ICC750	AR1254ICC750	09/15/2025	16:02	PO113738.D	8.61	3.65
AR1254ICC500	AR1254ICC500	09/15/2025	16:20	PO113739.D	8.62	3.65
AR1254ICC250	AR1254ICC250	09/15/2025	16:38	PO113740.D	8.61	3.65
AR1254ICC050	AR1254ICC050	09/15/2025	17:14	PO113741.D	8.62	3.65
AR1262ICC500	AR1262ICC500	09/15/2025	17:33	PO113742.D	8.62	3.65
AR1268ICC1000	AR1268ICC1000	09/15/2025	17:51	PO113743.D	8.62	3.65
AR1268ICC750	AR1268ICC750	09/15/2025	18:10	PO113744.D	8.61	3.65
AR1268ICC500	AR1268ICC500	09/15/2025	18:27	PO113745.D	8.61	3.65
AR1268ICC250	AR1268ICC250	09/15/2025	18:45	PO113746.D	8.62	3.65
AR1268ICC050	AR1268ICC050	09/15/2025	19:21	PO113747.D	8.61	3.65
AR1660CCC500	AR1660CCC500	09/22/2025	13:26	PO113907.D	8.61	3.65
IBLK	IBLK	09/22/2025	13:44	PO113908.D	8.61	3.65
COMP-1	Q3155-01	09/22/2025	16:11	PO113915.D	8.61	3.65
COMP-2	Q3155-02	09/22/2025	16:29	PO113916.D	8.61	3.65
COMP-3	Q3155-03	09/22/2025	16:48	PO113917.D	8.61	3.65
AR1660CCC500	AR1660CCC500	09/22/2025	18:07	PO113919.D	8.61	3.65
IBLK	IBLK	09/22/2025	19:38	PO113923.D	8.61	3.65
AR1660CCC500	AR1660CCC500	09/23/2025	05:16	PO113948.D	8.61	3.65
IBLK	IBLK	09/23/2025	07:06	PO113952.D	8.61	3.65
PB169771BL	PB169771BL	09/23/2025	07:24	PO113953.D	8.61	3.65
PB169771BS	PB169771BS	09/23/2025	07:43	PO113954.D	8.61	3.65
AR1660CCC500	AR1660CCC500	09/23/2025	08:56	PO113957.D	8.61	3.65
IBLK	IBLK	09/23/2025	09:14	PO113958.D	8.61	3.65

Analytical Sequence

LBLK	LBLK	09/10/2025	09:10	PQ070788.D	7.54	2.78
AR1660ICC1000	AR1660ICC1000	09/10/2025	09:25	PQ070789.D	7.54	2.78
AR1660ICC750	AR1660ICC750	09/10/2025	09:39	PQ070790.D	7.54	2.78
AR1660ICC500	AR1660ICC500	09/10/2025	09:54	PQ070791.D	7.54	2.78
AR1660ICC250	AR1660ICC250	09/10/2025	10:09	PQ070792.D	7.54	2.78
AR1660ICC050	AR1660ICC050	09/10/2025	10:23	PQ070793.D	7.54	2.78
AR1221ICC500	AR1221ICC500	09/10/2025	10:38	PQ070794.D	7.54	2.78
AR1232ICC500	AR1232ICC500	09/10/2025	10:52	PQ070795.D	7.53	2.78
AR1242ICC500	AR1242ICC500	09/10/2025	11:07	PQ070796.D	7.54	2.78
AR1248ICC500	AR1248ICC500	09/10/2025	11:21	PQ070797.D	7.54	2.78
AR1254ICC500	AR1254ICC500	09/10/2025	11:36	PQ070798.D	7.54	2.78
AR1262ICC500	AR1262ICC500	09/10/2025	11:51	PQ070799.D	7.54	2.78
AR1268ICC500	AR1268ICC500	09/10/2025	12:05	PQ070800.D	7.54	2.78
AR1660CCC500	AR1660CCC500	09/22/2025	13:19	PQ070933.D	7.53	2.78
LBLK	LBLK	09/22/2025	13:34	PQ070934.D	7.53	2.78
EO-02-091925MS	Q3152-01MS	09/22/2025	15:46	PQ070942.D	7.53	2.78
EO-02-091925MSD	Q3152-01MSD	09/22/2025	16:00	PQ070943.D	7.54	2.78
AR1660CCC500	AR1660CCC500	09/22/2025	18:02	PQ070944.D	7.53	2.78
LBLK	LBLK	09/22/2025	18:31	PQ070945.D	7.54	2.78



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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169771BS

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab Sample ID: PB169771BS

Date(s) Analyzed: 09/23/2025 09/23/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO113954.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.742	4.692	4.792	154	156	6.62
COLUMN 1	2	4.76	4.71	4.81	158		
	3	4.817	4.767	4.867	156		
	4	4.936	4.886	4.986	151		
	5	5.192	5.142	5.242	161		
COLUMN 2	1	4.721	4.671	4.771	147	146	
	2	4.738	4.688	4.788	147		
	3	4.913	4.863	4.963	147		
	4	4.956	4.906	5.006	144		
	5	5.168	5.118	5.218	147		
Aroclor-1260	1	6.227	6.177	6.277	171	163	15.89
COLUMN 1	2	6.417	6.367	6.467	163		
	3	6.781	6.731	6.831	143		
	4	7.04	6.99	7.09	166		
	5	7.284	7.234	7.334	172		
COLUMN 2	1	6.193	6.143	6.243	150	139	
	2	6.382	6.332	6.432	144		
	3	6.532	6.482	6.582	143		
	4	7.001	6.951	7.051	128		
	5	7.243	7.193	7.293	128		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

EO-02-091925MS

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab Sample ID: Q3152-01MS

Date(s) Analyzed: 09/22/2025 09/22/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ070942.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.481	4.431	4.531	187	177	15.2
COLUMN 1	2	4.5	4.45	4.55	173		
	3	4.557	4.507	4.607	181		
	4	4.647	4.597	4.697	194		
	5	4.931	4.881	4.981	149		
	1	3.778	3.728	3.828	160		
COLUMN 2	2	3.793	3.743	3.843	157	152	
	3	3.953	3.903	4.003	149		
	4	4.002	3.952	4.052	145		
	5	4.196	4.146	4.246	150		
Aroclor-1260	1	6.021	5.971	6.071	152	138	18.18
COLUMN 1	2	6.277	6.227	6.327	157		
	3	6.628	6.578	6.678	125		
	4	6.841	6.791	6.891	128		
	5	7.147	7.097	7.197	128		
	1	5.189	5.139	5.239	126		
COLUMN 2	2	5.379	5.329	5.429	130	115	
	3	5.519	5.469	5.569	124		
	4	5.979	5.929	6.029	99.1		
	5	6.224	6.174	6.274	95.0		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

EO-02-091925MSD

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab Sample ID: Q3152-01MSD

Date(s) Analyzed: 09/22/2025 09/22/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ070943.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.481	4.431	4.531	197	187	18.08
COLUMN 1	2	4.5	4.45	4.55	185		
	3	4.557	4.507	4.607	194		
	4	4.647	4.597	4.697	206		
	5	4.931	4.881	4.981	152		
	1	3.778	3.728	3.828	164		
COLUMN 2	2	3.793	3.743	3.843	163	156	
	3	3.953	3.903	4.003	155		
	4	4.002	3.952	4.052	146		
	5	4.197	4.147	4.247	151		
Aroclor-1260	1	6.02	5.97	6.07	148	134	15.26
COLUMN 1	2	6.276	6.226	6.326	154		
	3	6.628	6.578	6.678	121		
	4	6.841	6.791	6.891	124		
	5	7.147	7.097	7.197	123		
	1	5.189	5.139	5.239	129		
COLUMN 2	2	5.378	5.328	5.428	130	115	
	3	5.519	5.469	5.569	124		
	4	5.98	5.93	6.03	100.0		
	5	6.224	6.174	6.274	94.1		



QC SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169771BL	SDG No.:	Q3155
Lab Sample ID:	PB169771BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113953.D	1	09/22/25 08:40	09/23/25 07:24	PB169771

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
11097-69-1	Aroclor-1254	3.20	U	3.20	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	19.7		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		32 - 175	104%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
Data File : PO113953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 07:24
Operator : YP/AJ
Sample : PB169771BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169771BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 07:57:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	174.0E6	101.9E6	19.729	19.075
2) SA Decachlor...	8.667	8.611	135.0E6	43313889	20.177	20.747

Target Compounds

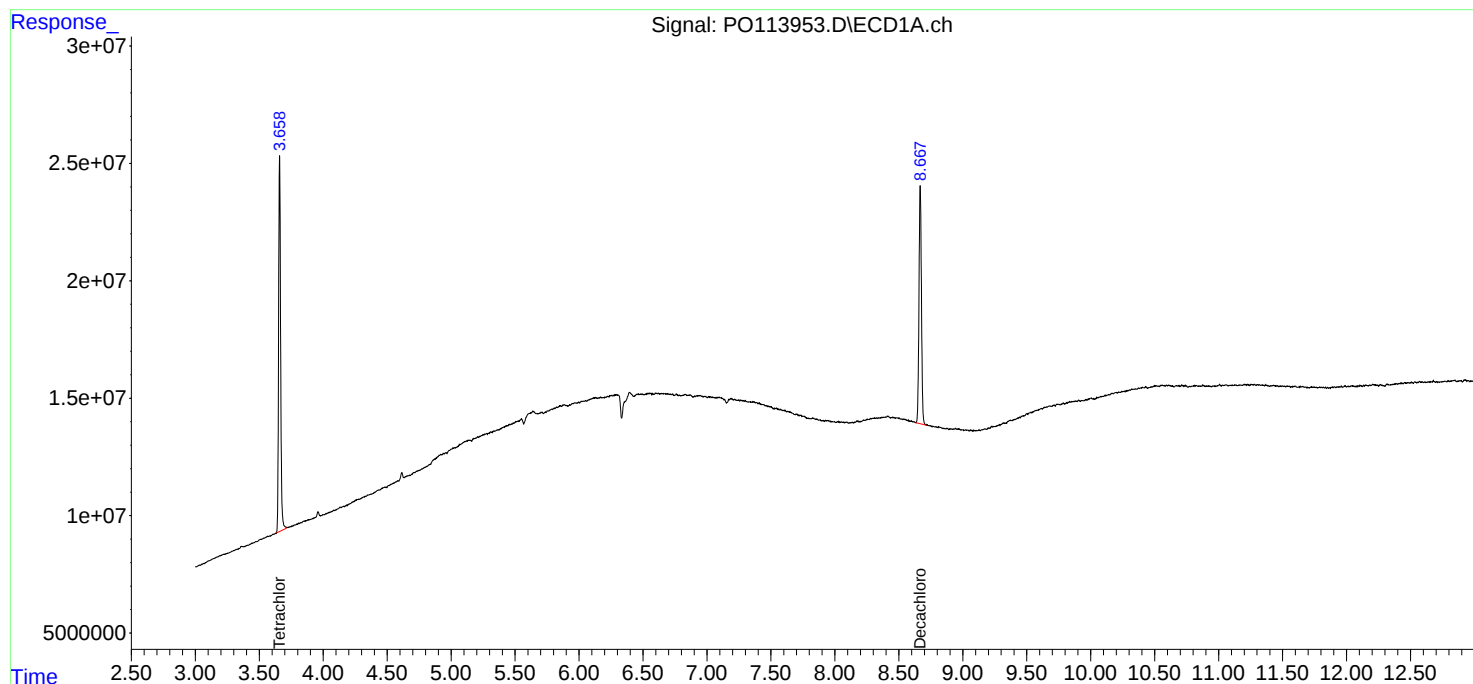
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

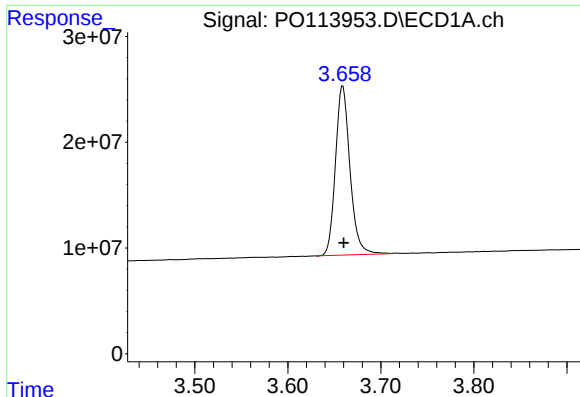
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092225\
Data File : PO113953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 07:24
Operator : YP/AJ
Sample : PB169771BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169771BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 07:57:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

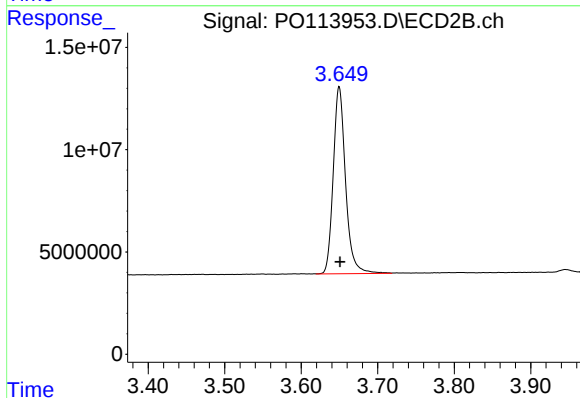




#1 Tetrachloro-m-xylene

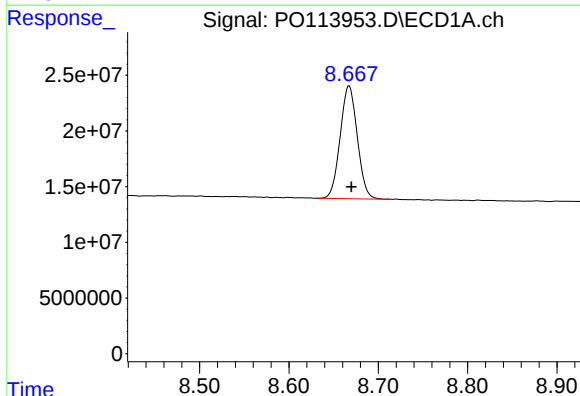
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 174008014
Conc: 19.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169771BL



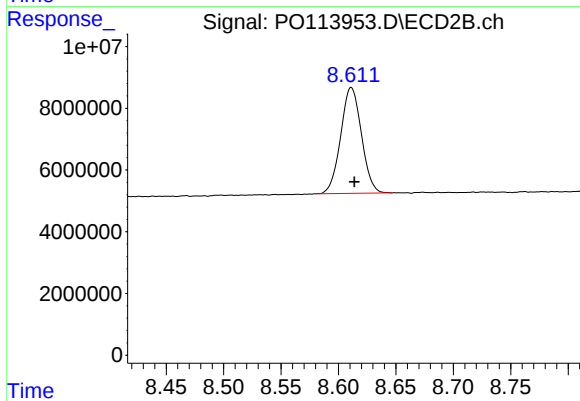
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: -0.001 min
Response: 101878225
Conc: 19.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.667 min
Delta R.T.: -0.002 min
Response: 134990143
Conc: 20.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: -0.003 min
Response: 43313889
Conc: 20.75 ng/ml

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/15/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/15/25
Client Sample ID:	PIBLK-PO113719.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PO113719.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113719.D	1		09/15/25	po091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	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
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140	86%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091525\
Data File : PO113719.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 09:16
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:17:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	149.9E6	90826369	16.992	17.005
2) SA Decachlor...	8.670	8.615	115.6E6	37797688	17.280	18.105

Target Compounds

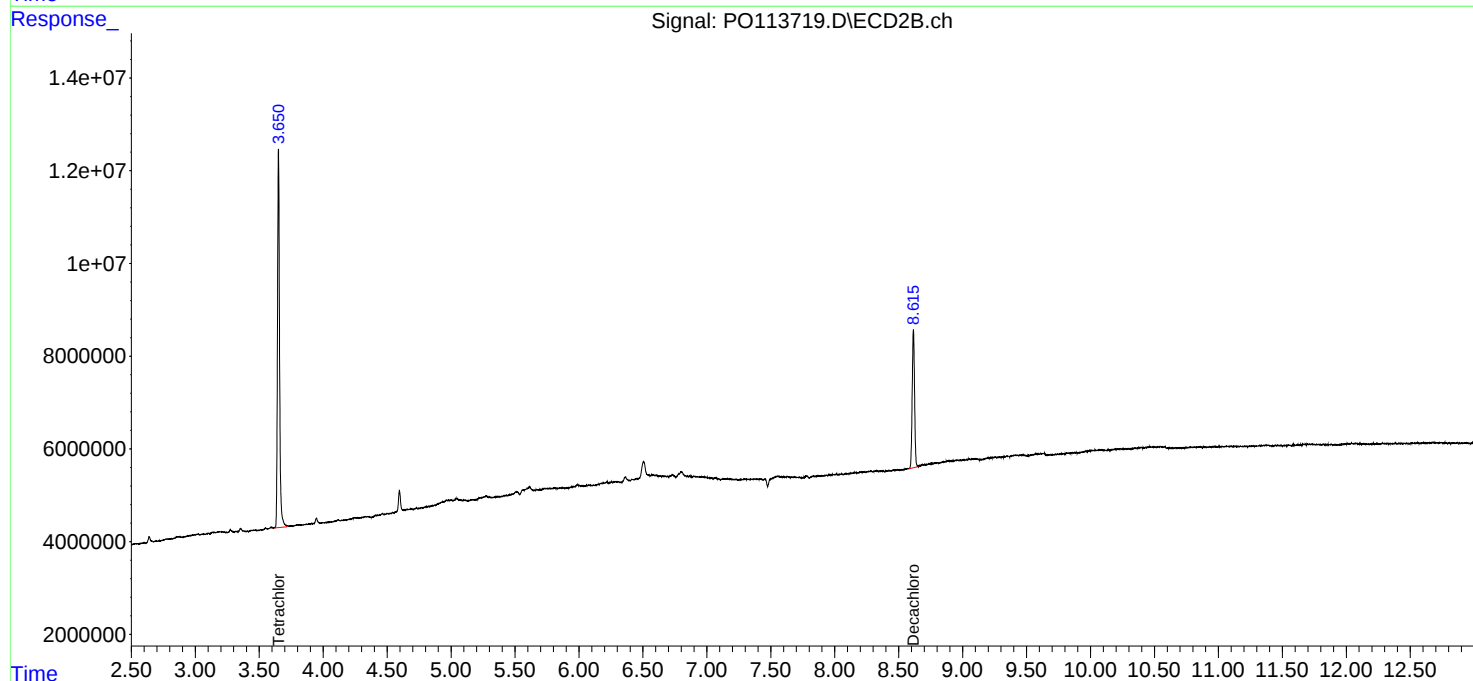
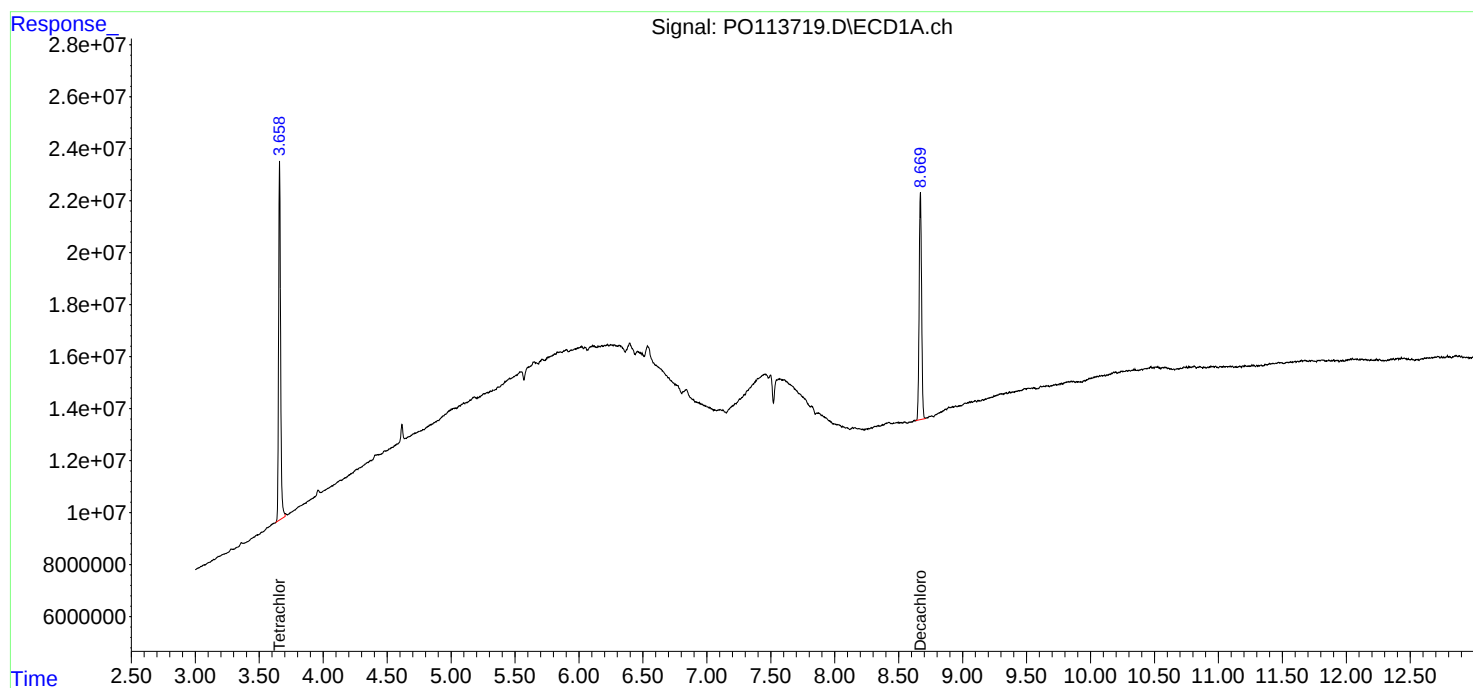
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

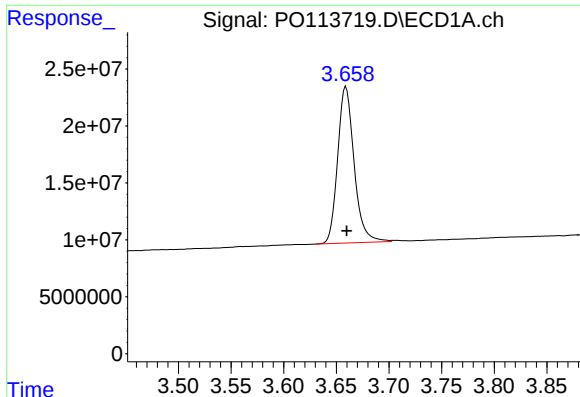
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113719.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 09:16
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:17:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

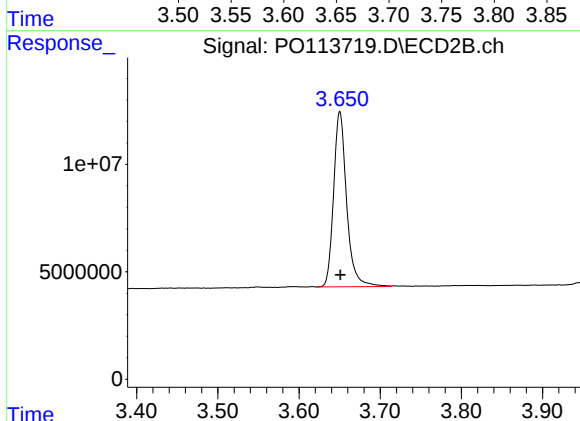




#1 Tetrachloro-m-xylene

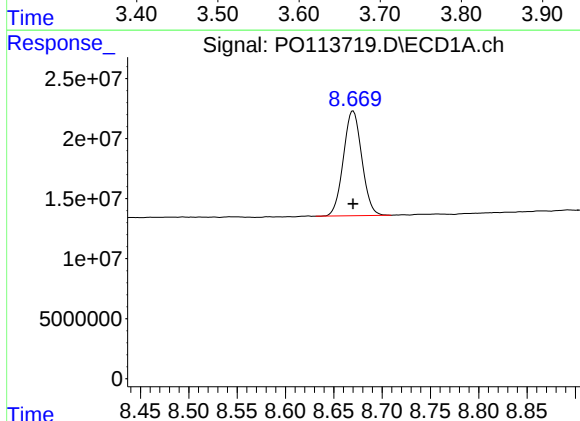
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 149864244
Conc: 16.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



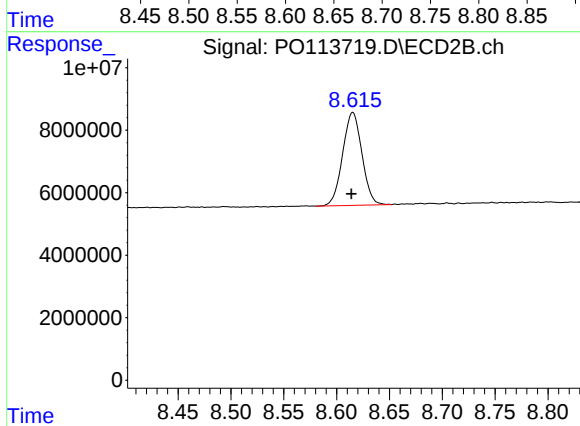
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 90826369
Conc: 17.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 115604769
Conc: 17.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.615 min
Delta R.T.: 0.001 min
Response: 37797688
Conc: 18.10 ng/ml

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/22/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/22/25
Client Sample ID:	PIBLK-PO113908.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PO113908.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113908.D	1		09/22/25	PO092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	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
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.5		60 - 140	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.8		60 - 140	79%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
 Data File : PO113908.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 13:44
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 14:41:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:49:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.650	158.7E6	93533185	17.998	17.512
2) SA Decachlor...	8.667	8.612	105.5E6	37664825	15.762	18.041

Target Compounds

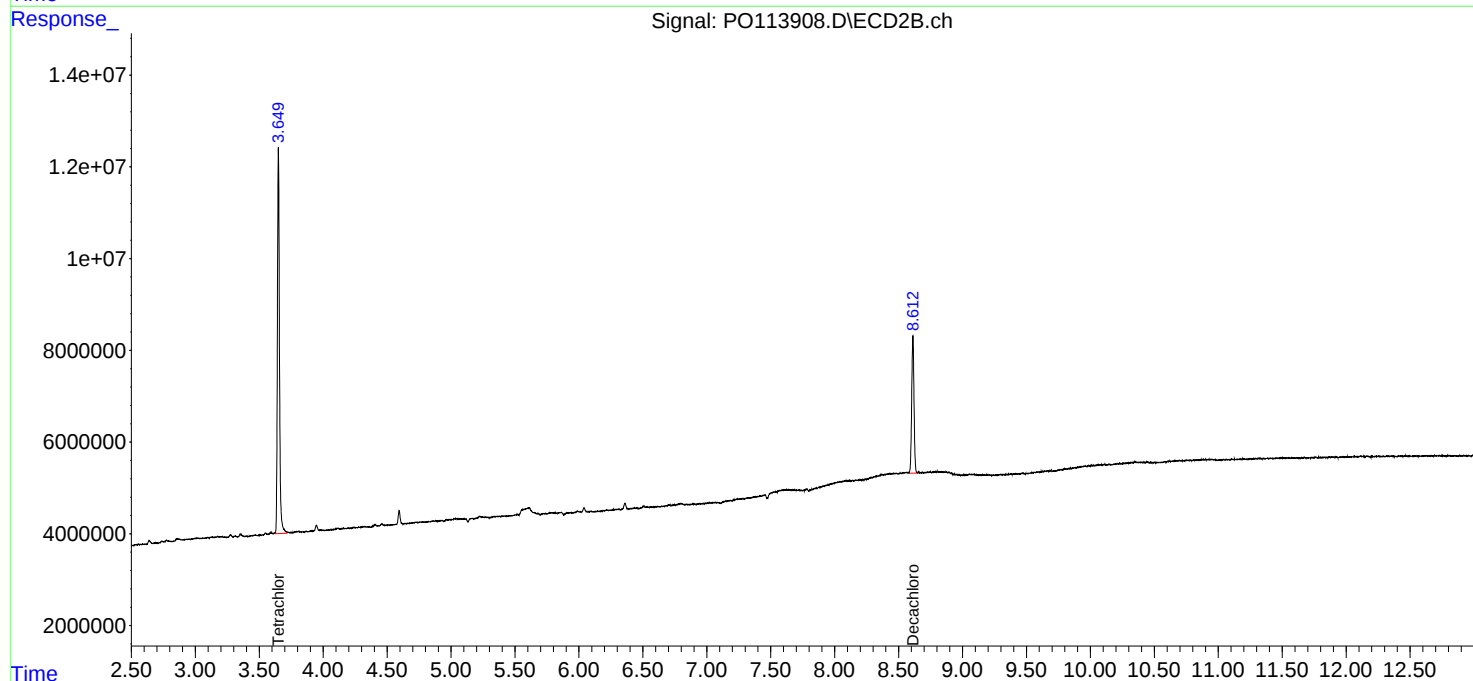
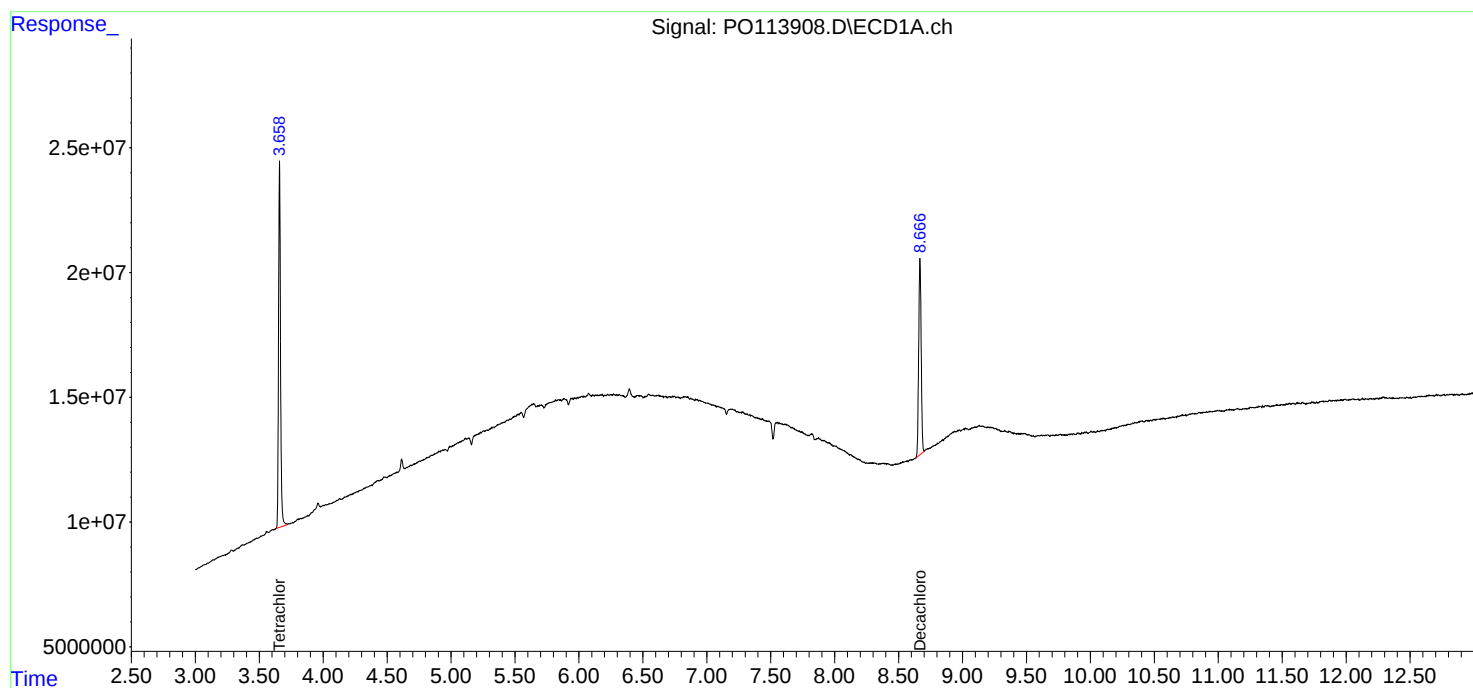
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092225\
Data File : PO113908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 13:44
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 14:41:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_

Signal: PO113908.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.659 min

Delta R.T.: -0.001 min

Response: 158735965

Conc: 18.00 ng/ml

Instrument :

ECD_O

ClientSampleId :

I.BLK

2e+07

1e+07

0

3.658

+

3.50 3.60 3.70 3.80 3.90

Time

Response_

Signal: PO113908.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 3.650 min

Delta R.T.: -0.001 min

Response: 93533185

Conc: 17.51 ng/ml

1e+07

5000000

0

3.649

+

3.40 3.50 3.60 3.70 3.80 3.90

Time

Response_

Signal: PO113908.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.667 min

Delta R.T.: -0.003 min

Response: 105455181

Conc: 15.76 ng/ml

2e+07

1.5e+07

1e+07

5000000

0

8.666

+

8.50 8.55 8.60 8.65 8.70 8.75 8.80 8.85

Time

Response_

Signal: PO113908.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.612 min

Delta R.T.: -0.002 min

Response: 37664825

Conc: 18.04 ng/ml

8000000

6000000

4000000

2000000

0

8.612

+

8.45 8.50 8.55 8.60 8.65 8.70 8.75

Time

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/22/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/22/25
Client Sample ID:	PIBLK-PO113923.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PO113923.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113923.D	1		09/22/25	po092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	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
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.7		60 - 140	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		60 - 140	81%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
Data File : PO113923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 19:38
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:43:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.649	160.8E6	94299913	18.232	17.656
2) SA Decachlor...	8.668	8.612	107.9E6	38255896	16.131	18.324

Target Compounds

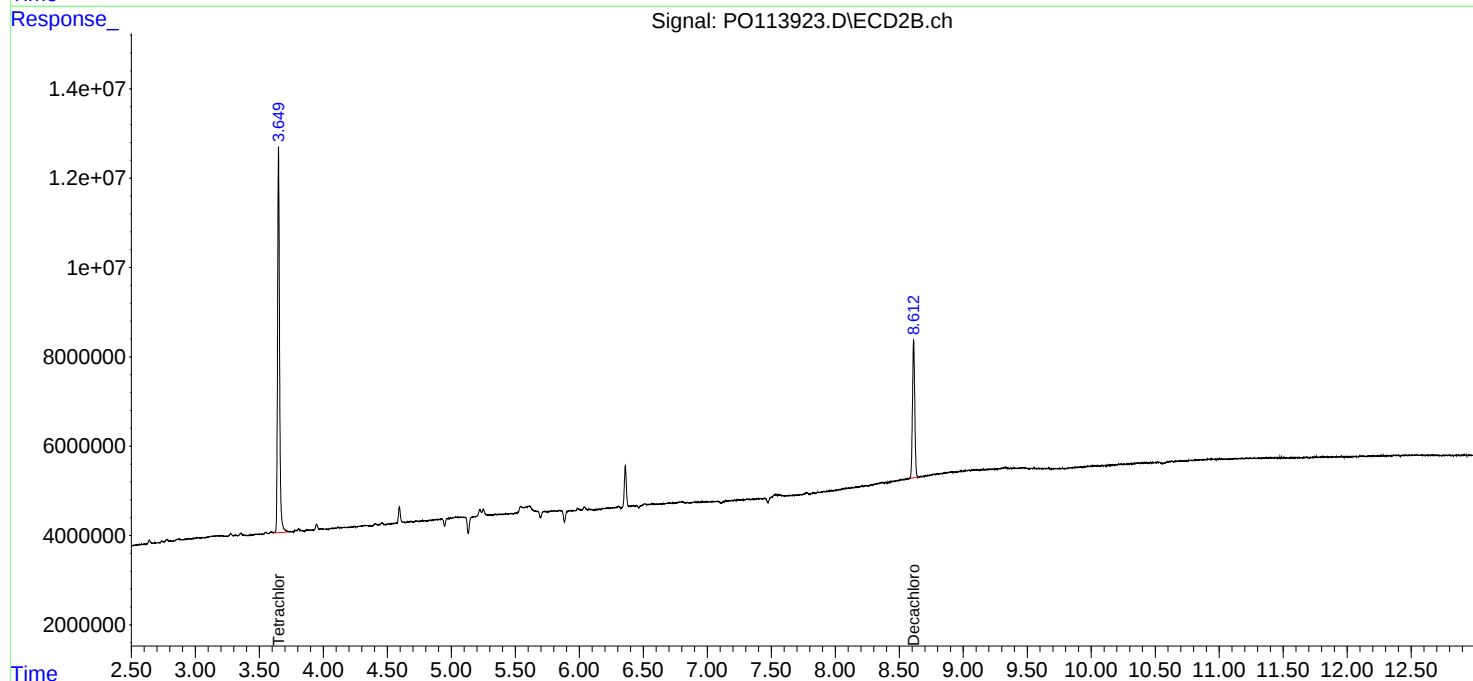
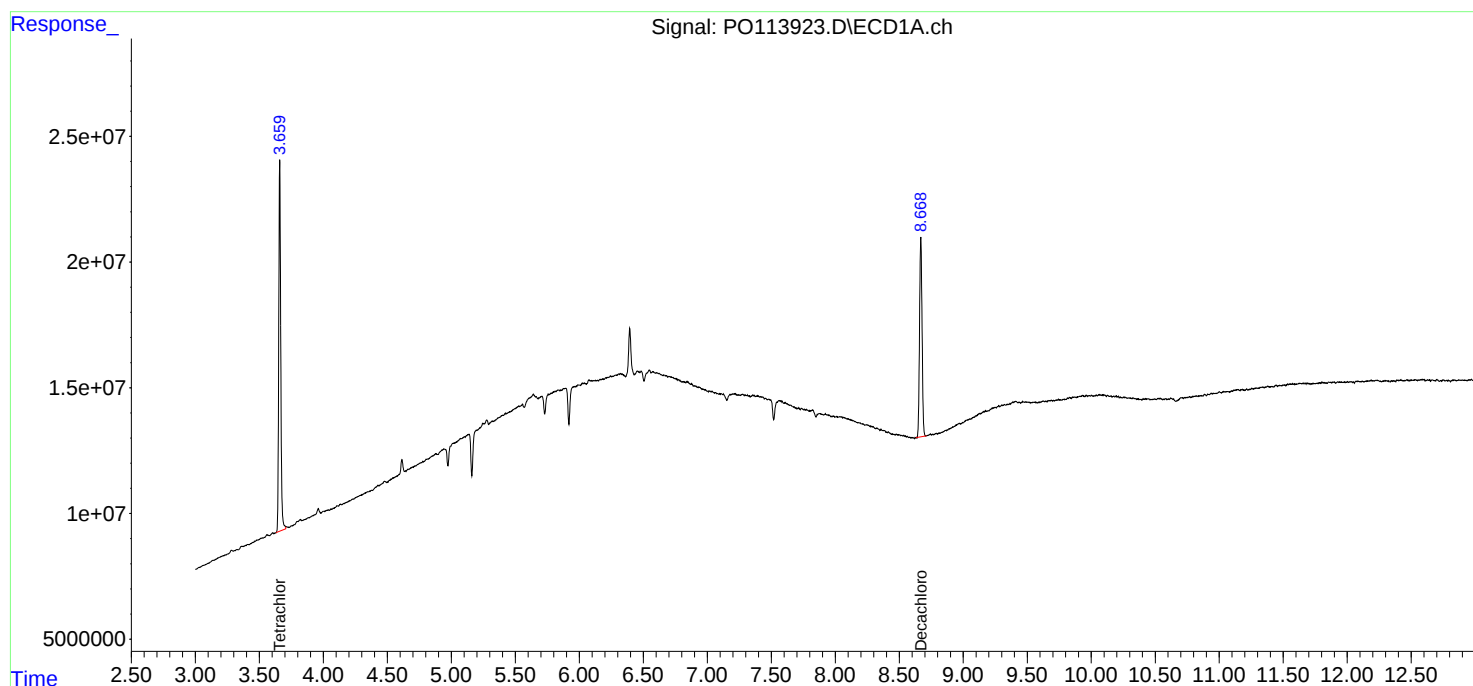
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

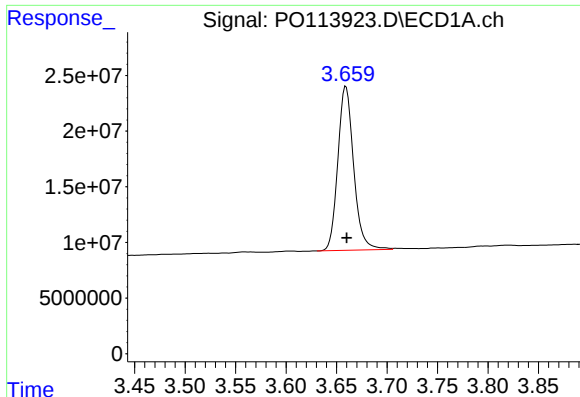
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092225\
Data File : PO113923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 19:38
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:43:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

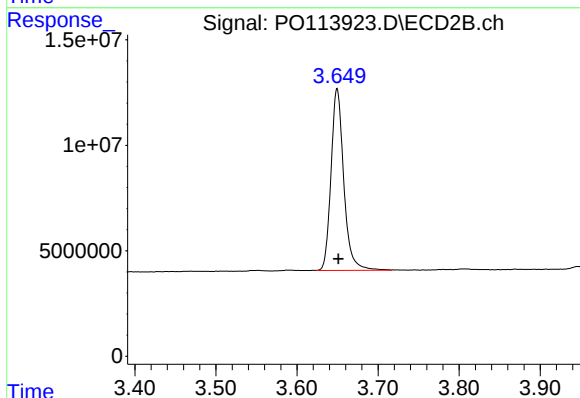




#1 Tetrachloro-m-xylene

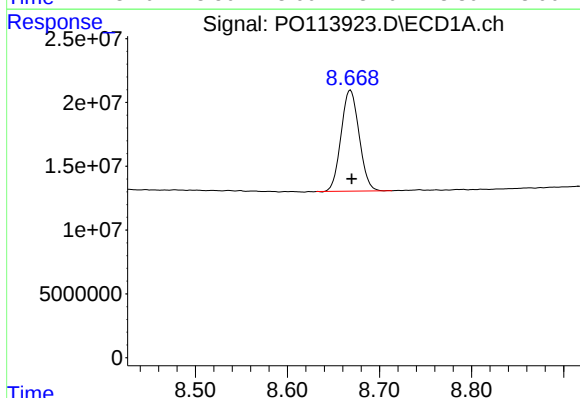
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 160799416
Conc: 18.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



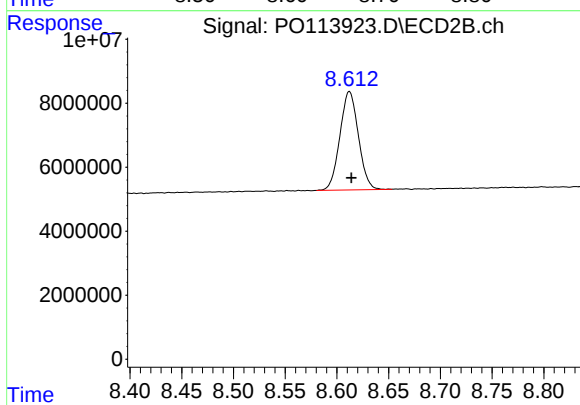
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: -0.001 min
Response: 94299913
Conc: 17.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.668 min
Delta R.T.: -0.001 min
Response: 107919960
Conc: 16.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.612 min
Delta R.T.: -0.002 min
Response: 38255896
Conc: 18.32 ng/ml

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/23/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/23/25
Client Sample ID:	PIBLK-PO113952.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PO113952.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113952.D	1		09/23/25	po092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	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
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.5		60 - 140	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.2		60 - 140	91%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
Data File : PO113952.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 07:06
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 07:57:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.658	3.649	161.3E6	93298401	18.285	17.468
2) SA Decachlor...	8.667	8.612	121.8E6	39453592	18.200	18.898

Target Compounds

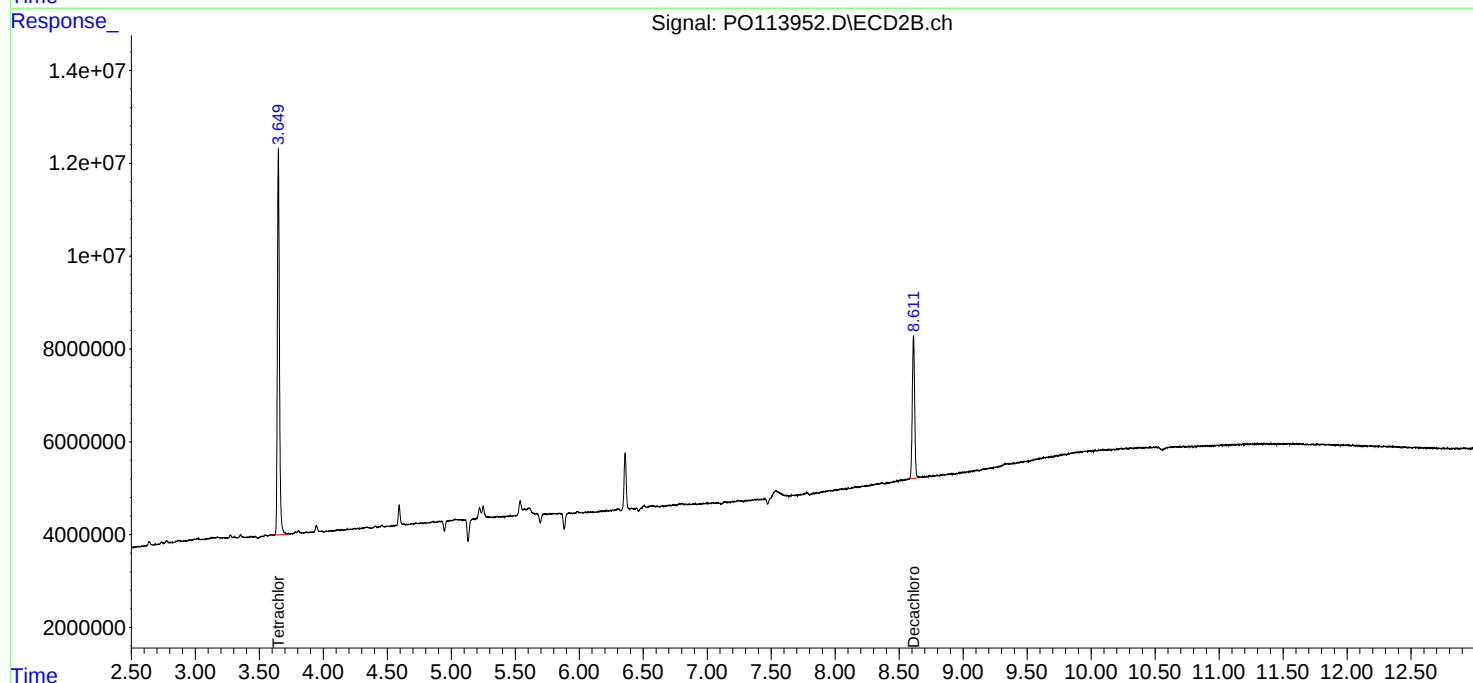
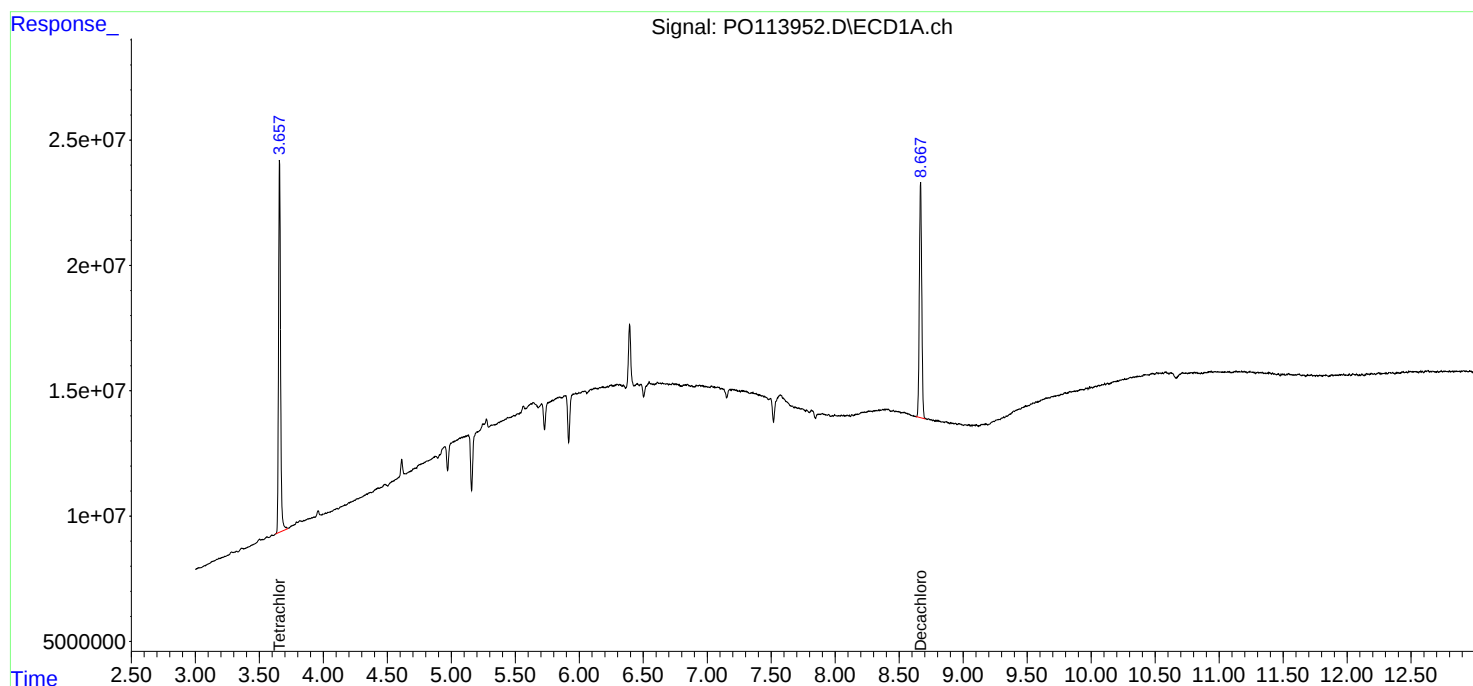
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

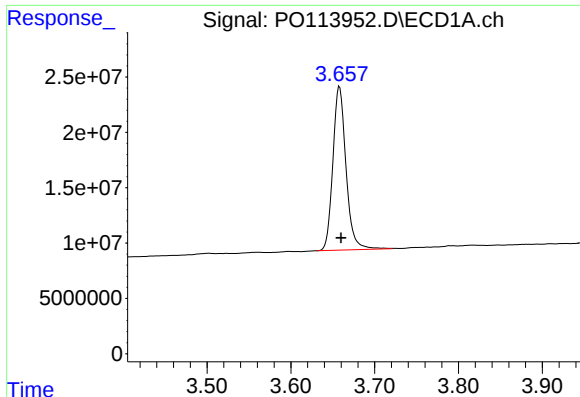
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092225\
Data File : PO113952.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 07:06
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 07:57:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

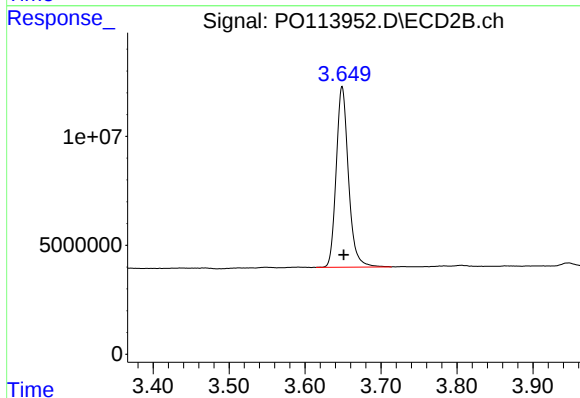




#1 Tetrachloro-m-xylene

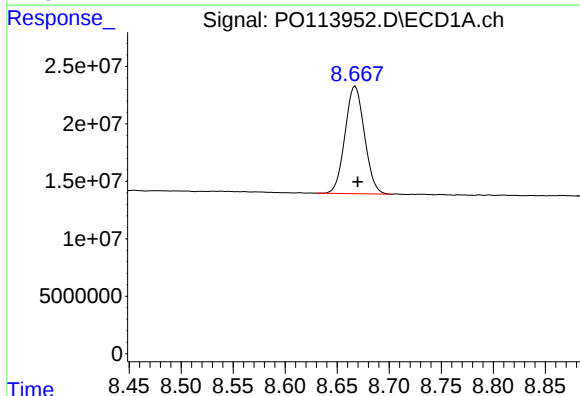
R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 161272125
Conc: 18.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



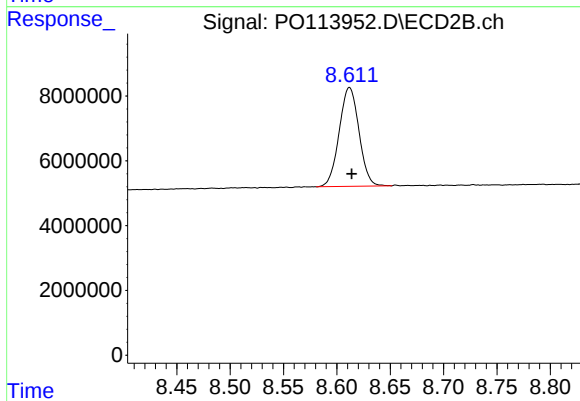
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: -0.002 min
Response: 93298401
Conc: 17.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.667 min
Delta R.T.: -0.003 min
Response: 121763465
Conc: 18.20 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.612 min
Delta R.T.: -0.002 min
Response: 39453592
Conc: 18.90 ng/ml

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/23/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/23/25
Client Sample ID:	PIBLK-PO113958.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PO113958.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113958.D	1		09/23/25	po092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	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
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.5		60 - 140	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 140	95%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
Data File : PO113958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 09:14
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 09:31:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.659	3.649	160.9E6	93432810	18.243	17.493
2) SA Decachlor...	8.668	8.611	126.9E6	39539654	18.967	18.939

Target Compounds

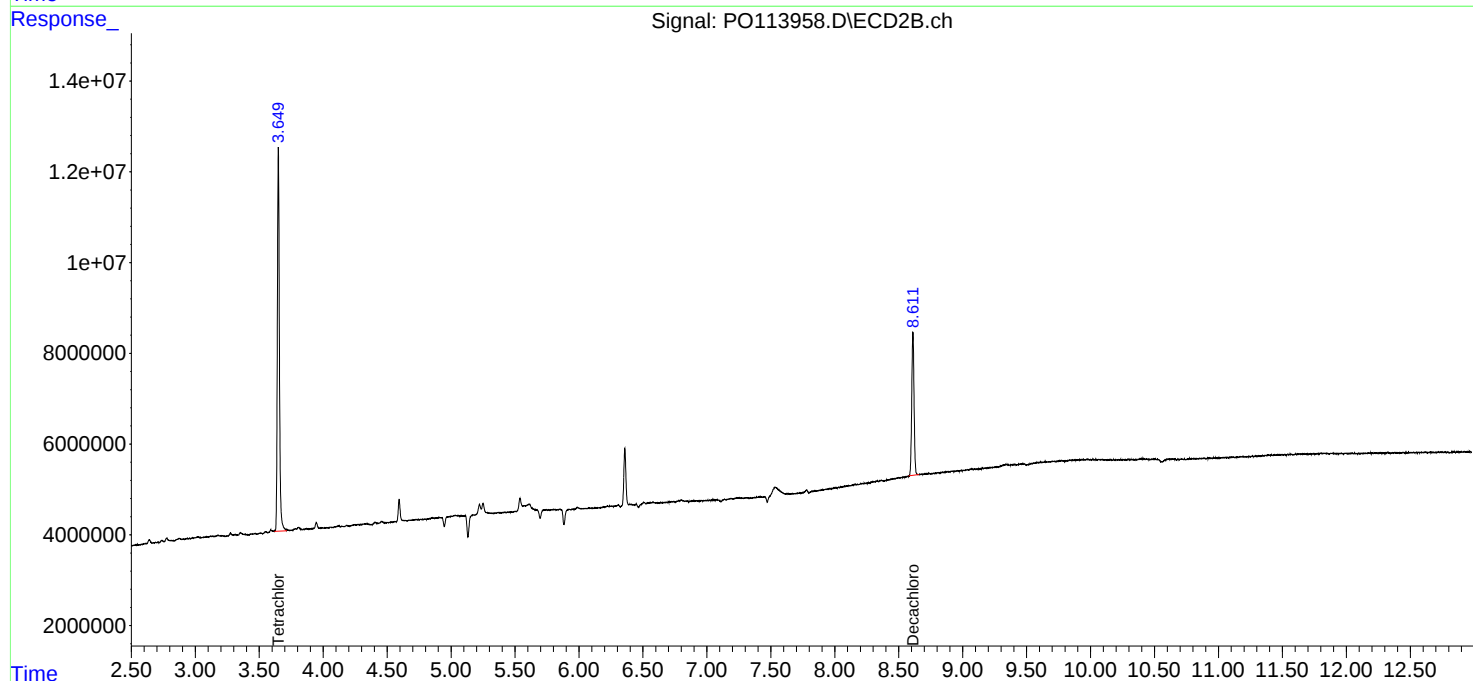
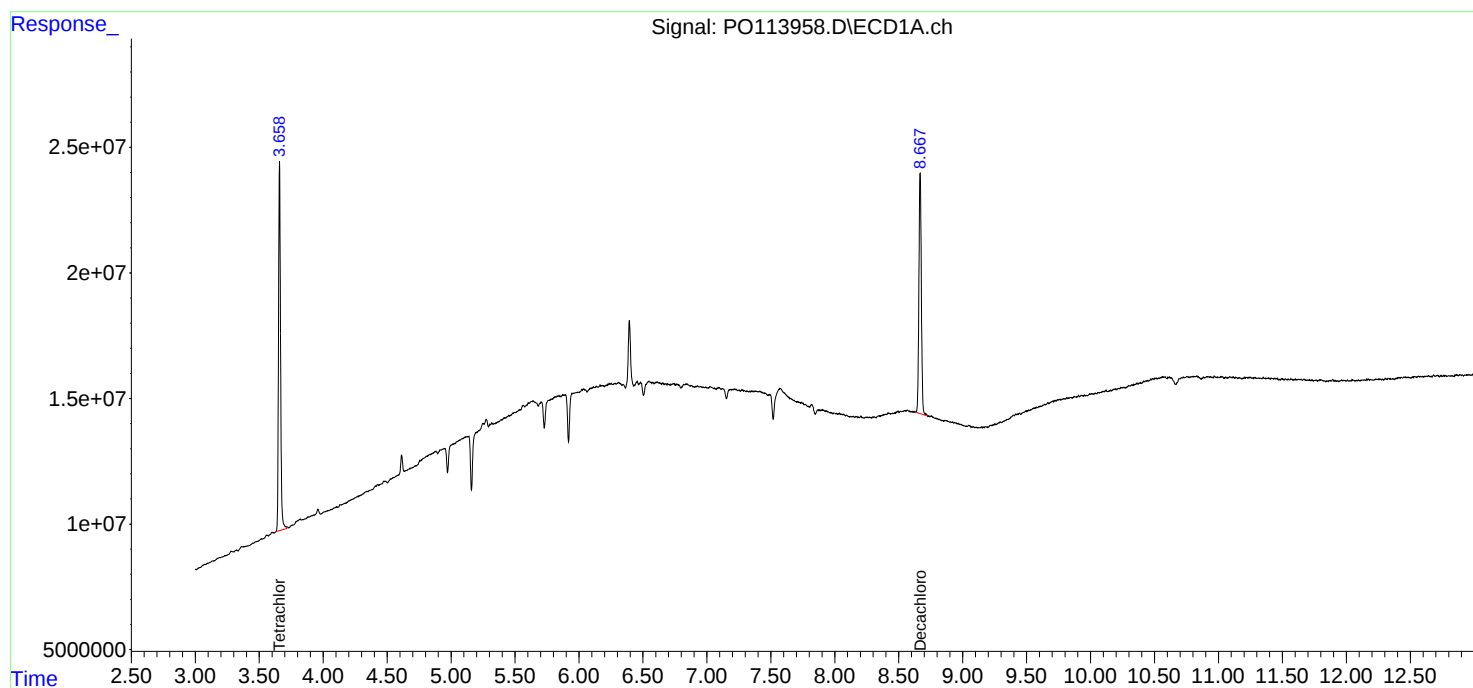
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

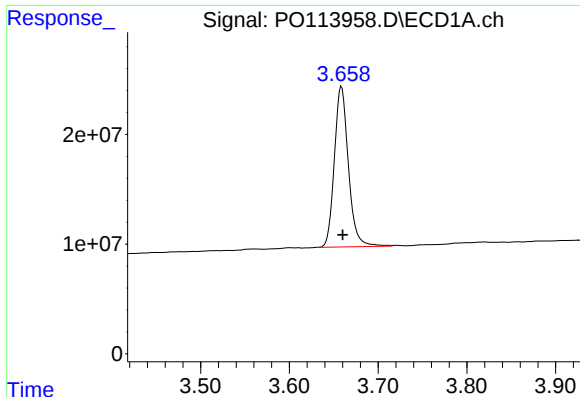
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092225\
Data File : PO113958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 09:14
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 09:31:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

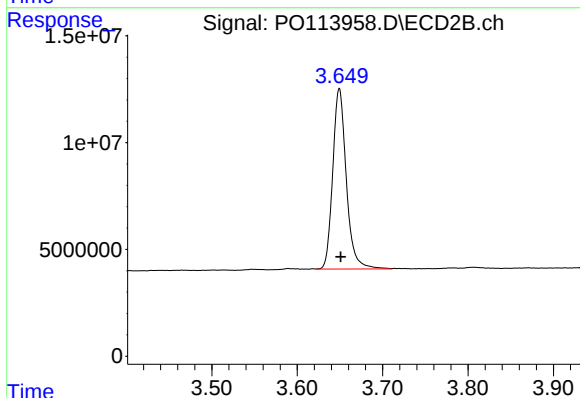




#1 Tetrachloro-m-xylene

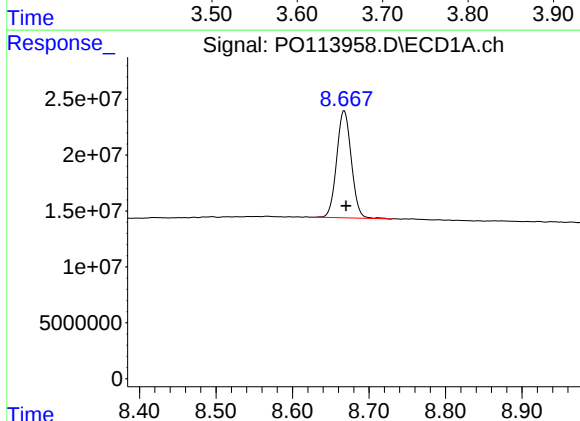
R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 160898056
Conc: 18.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



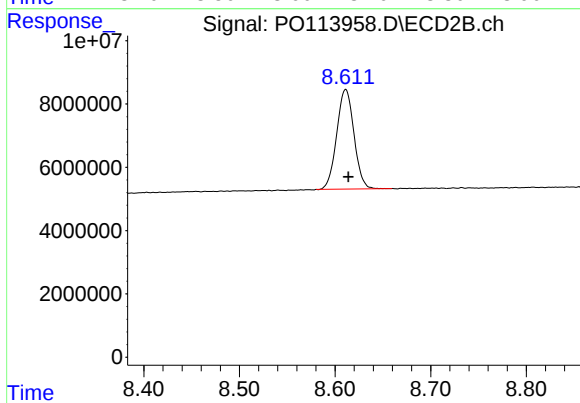
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: -0.002 min
Response: 93432810
Conc: 17.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.668 min
Delta R.T.: -0.002 min
Response: 126893901
Conc: 18.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.611 min
Delta R.T.: -0.003 min
Response: 39539654
Conc: 18.94 ng/ml

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/10/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/10/25
Client Sample ID:	PIBLK-PQ070788.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PQ070788.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070788.D	1		09/10/25	PQ091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	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
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.2		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.5		60 - 140	93%	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_Q\Data\PQ091025\
Data File : PQ070788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 09:10
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:26:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.402	2.778	91980153	113.1E6	17.173	17.631
2) SA Decachlor...	8.499	7.535	72773187	130.5E6	18.873	18.502

Target Compounds

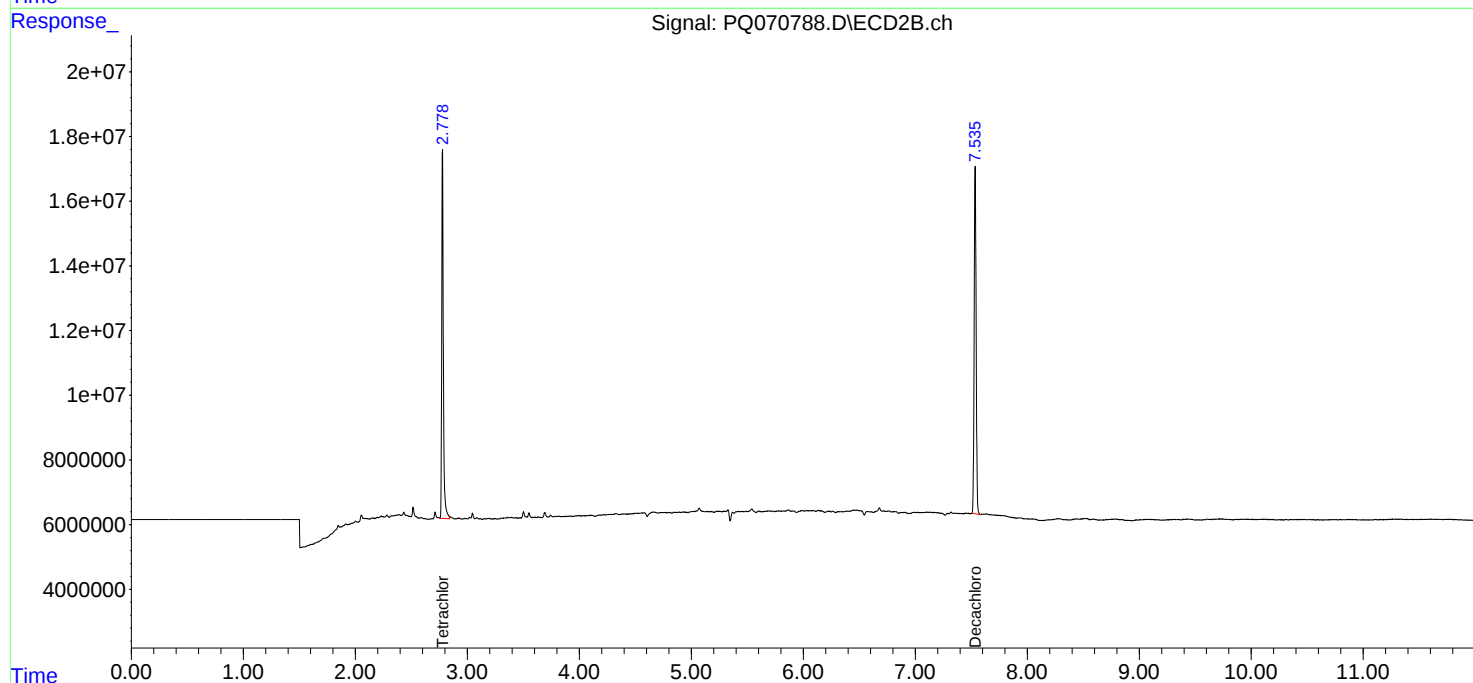
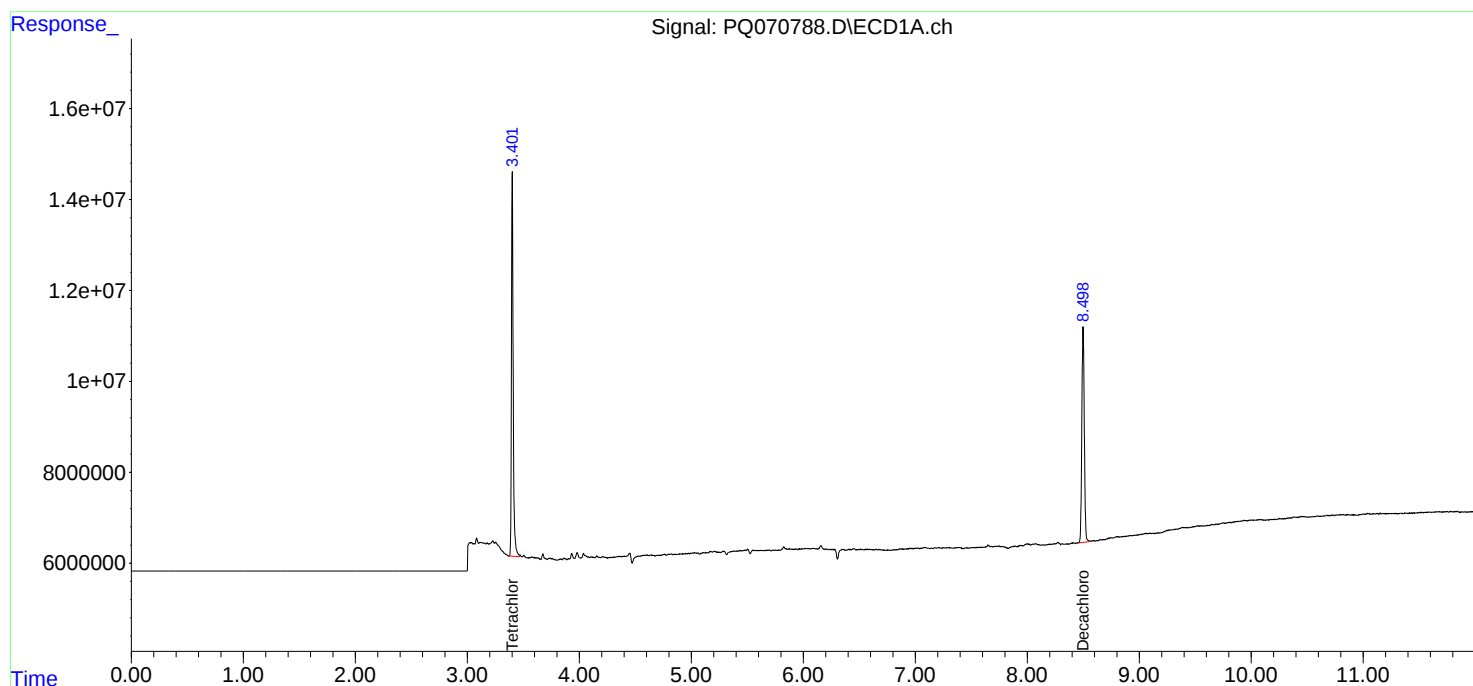
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

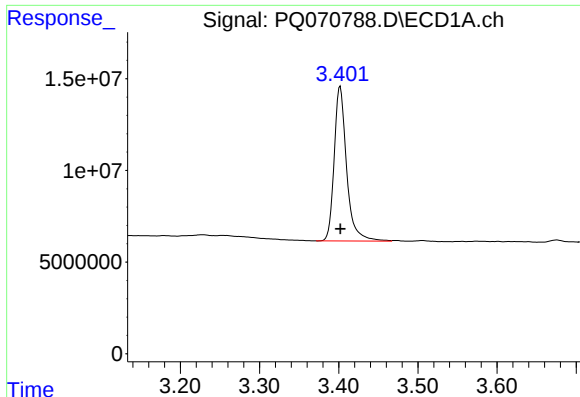
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 09:10
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 12:26:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

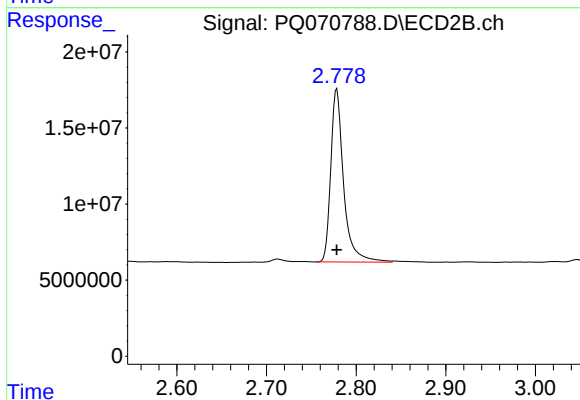




#1 Tetrachloro-m-xylene

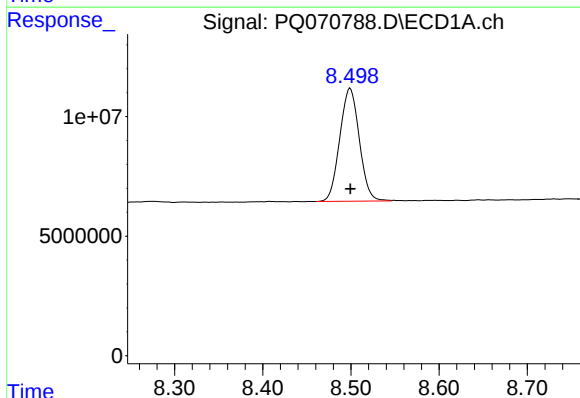
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 91980153
Conc: 17.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



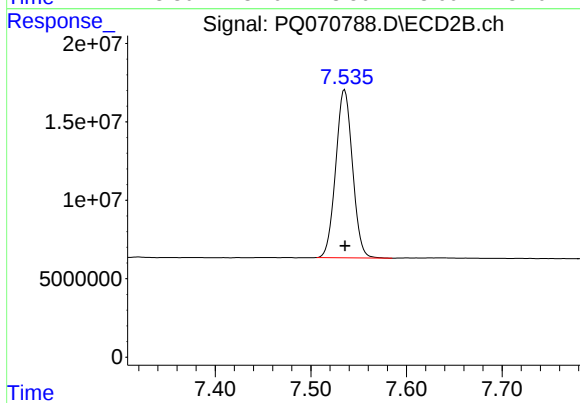
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 113056325
Conc: 17.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 72773187
Conc: 18.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 130493740
Conc: 18.50 ng/ml

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/22/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/22/25
Client Sample ID:	PIBLK-PQ070934.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PQ070934.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070934.D	1		09/22/25	PQ092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	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
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.8		60 - 140	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.9		60 - 140	74%	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_Q\Data\PQ092225\
 Data File : PQ070934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 13:34
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 14:09:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.402	2.777	90675808	101.5E6	16.930	15.830
2)	SA Decachlor...	8.499	7.534	67721688	105.0E6	17.563	14.887

Target Compounds

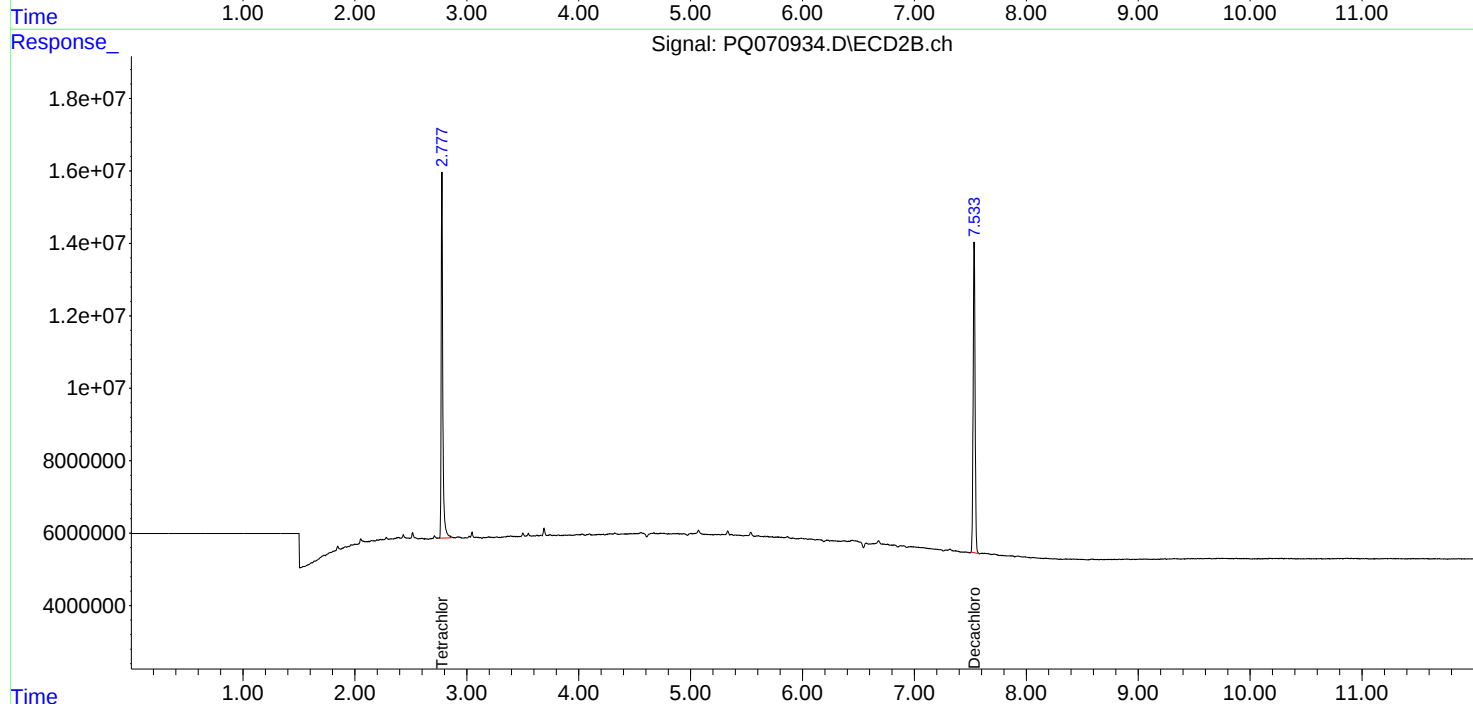
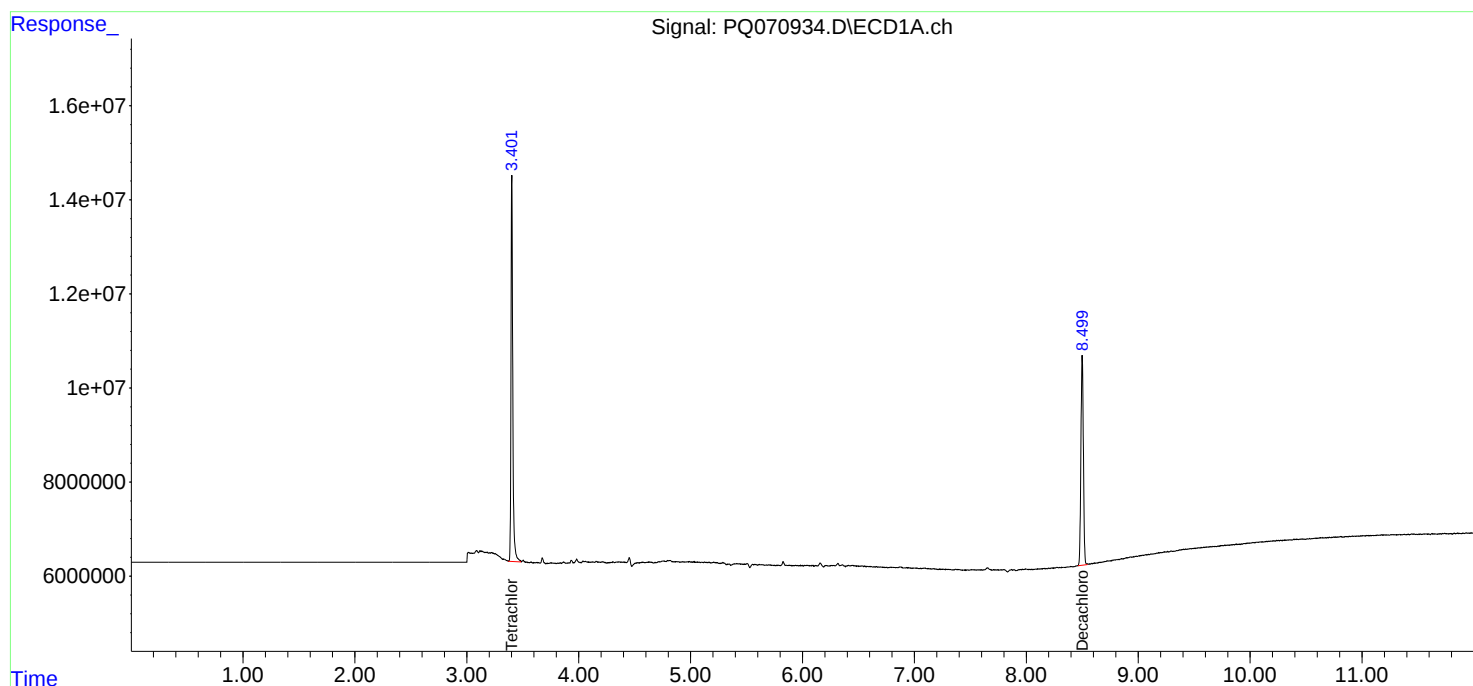
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

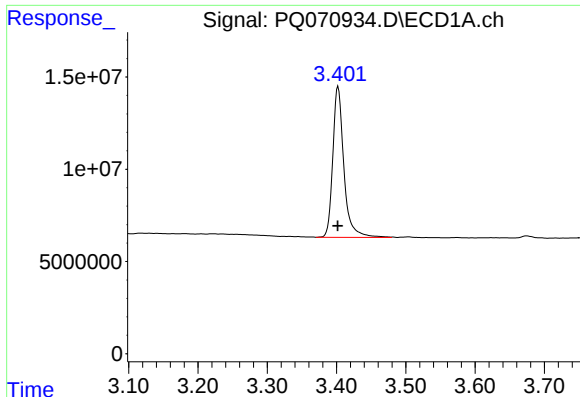
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092225\
Data File : PQ070934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 13:34
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 14:09:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

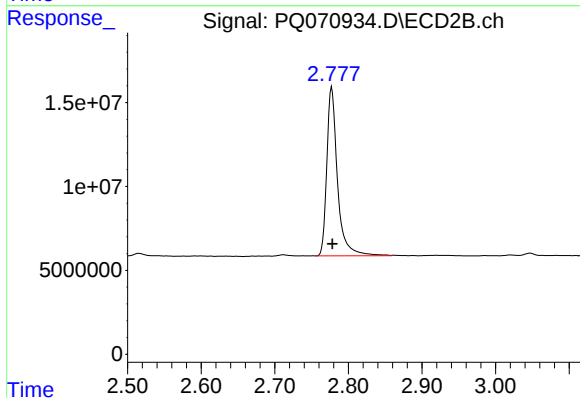




#1 Tetrachloro-m-xylene

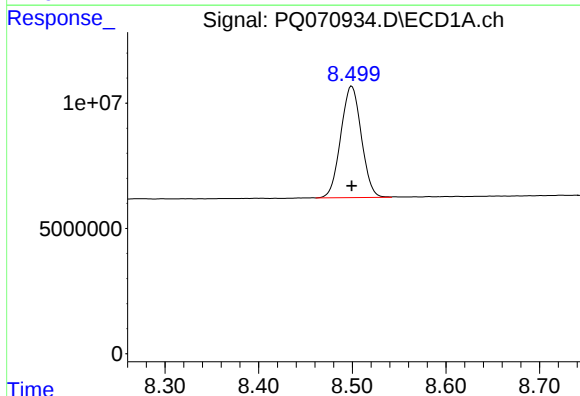
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 90675808
Conc: 16.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



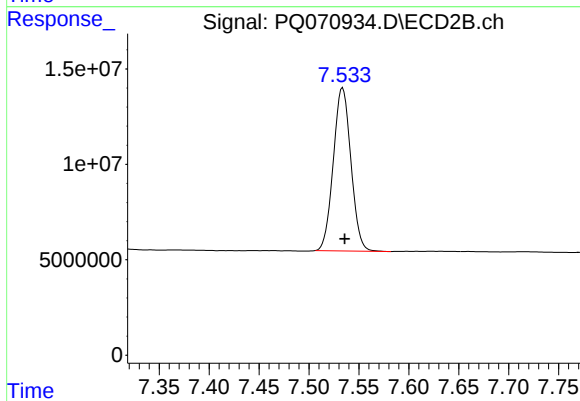
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 101510634
Conc: 15.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 67721688
Conc: 17.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: -0.002 min
Response: 104992398
Conc: 14.89 ng/ml

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/22/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/22/25
Client Sample ID:	PIBLK-PQ070945.D	SDG No.:	Q3155
Lab Sample ID:	I.BLK-PQ070945.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070945.D	1		09/22/25	PQ092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	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
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.4		60 - 140	77%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.7		60 - 140	64%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092225\
Data File : PQ070945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 18:31
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 03:25:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.401	2.778	92548138	98631420	17.279	15.381
2) SA Decachlor...	8.498	7.535	61524834	89833902	15.956	12.737

Target Compounds

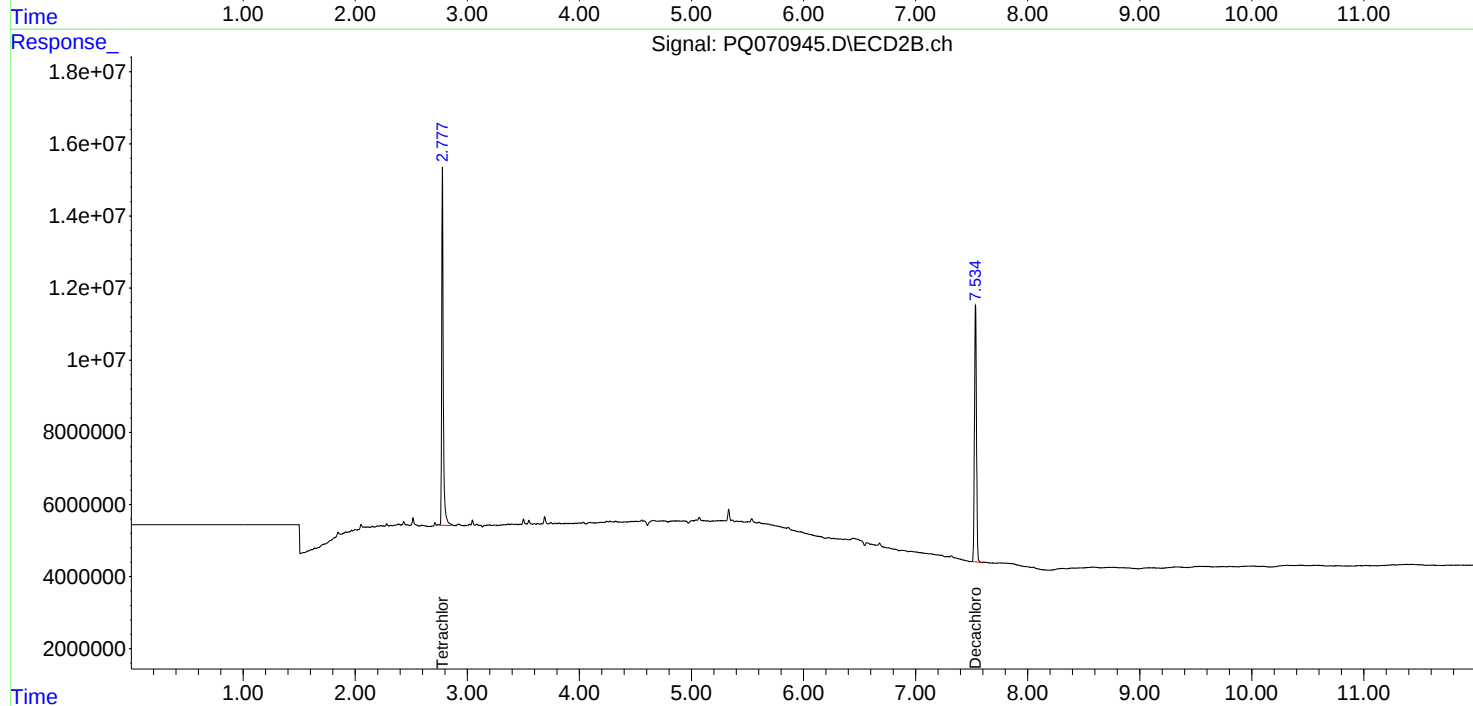
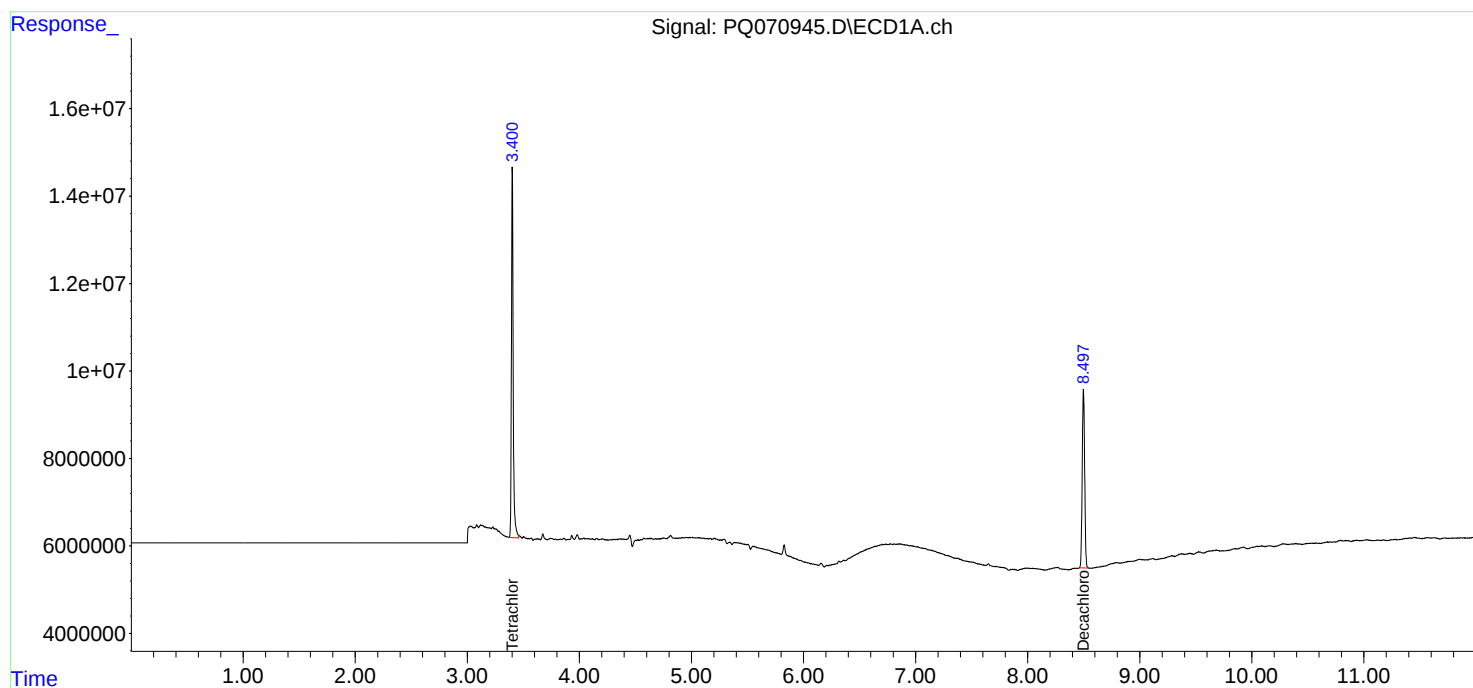
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

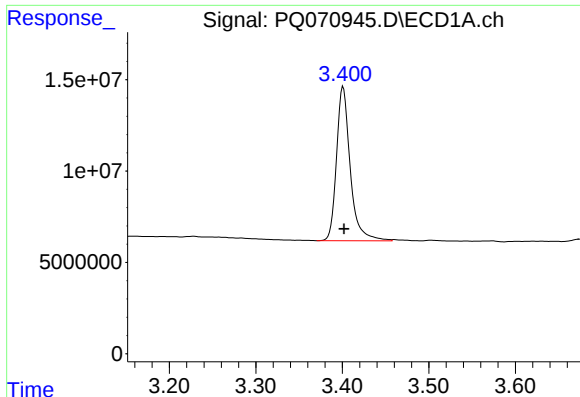
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092225\
Data File : PQ070945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 18:31
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 03:25:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

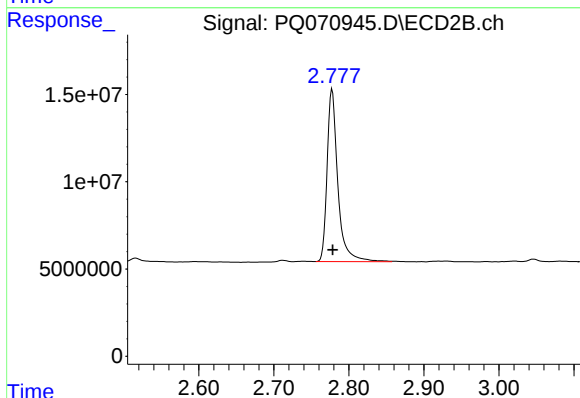




#1 Tetrachloro-m-xylene

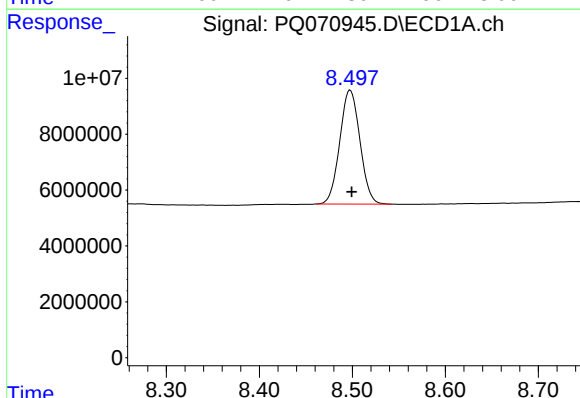
R.T.: 3.401 min
Delta R.T.: -0.001 min
Response: 92548138
Conc: 17.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



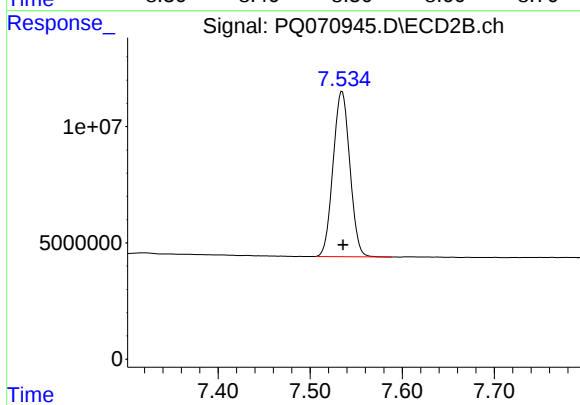
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 98631420
Conc: 15.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 61524834
Conc: 15.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.535 min
Delta R.T.: -0.001 min
Response: 89833902
Conc: 12.74 ng/ml

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	PB169771BS	SDG No.:	Q3155
Lab Sample ID:	PB169771BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113954.D	1	09/22/25 08:40	09/23/25 07:43	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	156		3.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
11096-82-5	Aroclor-1260	163		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		32 - 175	108%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092225\
 Data File : PO113954.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 07:43
 Operator : YP/AJ
 Sample : PB169771BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB169771BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 08:19:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 16 02:49:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.660	3.650	171.2E6	98795871	19.407	18.498
2) SA Decachlor...	8.668	8.612	137.5E6	45083699	20.553	21.594
Target Compounds						
3) L1 AR-1016-1	4.742	4.721	140.2E6	80203803	461.806	440.096
4) L1 AR-1016-2	4.760	4.738	215.2E6	122.1E6	472.984	441.198
5) L1 AR-1016-3	4.817	4.913	140.2E6	65748887	468.504	440.252
6) L1 AR-1016-4	4.936	4.956	109.1E6	52238776	453.873	432.765
7) L1 AR-1016-5	5.192	5.168	116.2E6	66355895	483.764	442.178
31) L7 AR-1260-1	6.227	6.193	251.4E6	113.3E6	512.762	450.822
32) L7 AR-1260-2	6.417	6.382	374.1E6	143.1E6	488.483	432.722
33) L7 AR-1260-3	6.781	6.532	288.5E6	120.4E6	428.740	429.344
34) L7 AR-1260-4	7.040	7.001	216.2E6	73270088	499.594	383.189
35) L7 AR-1260-5	7.284	7.243	585.9E6	164.0E6	517.219	385.161 #

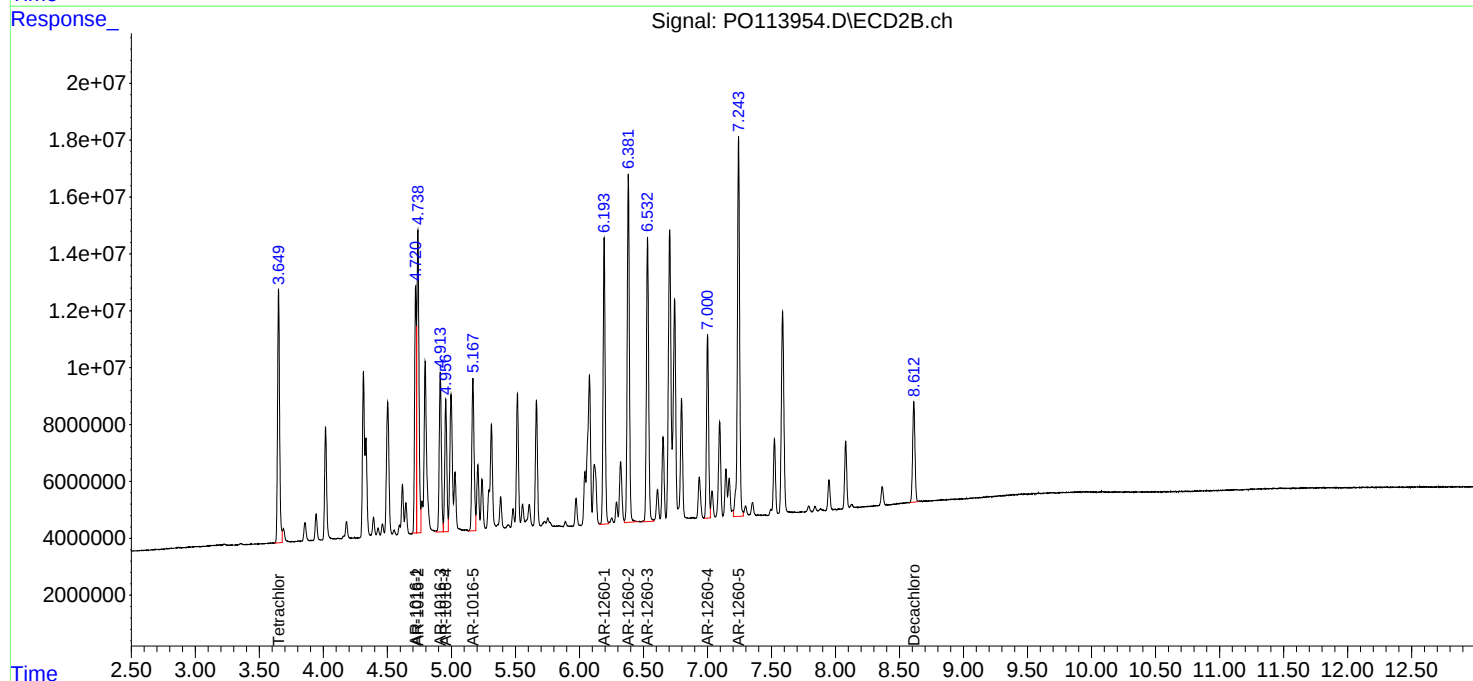
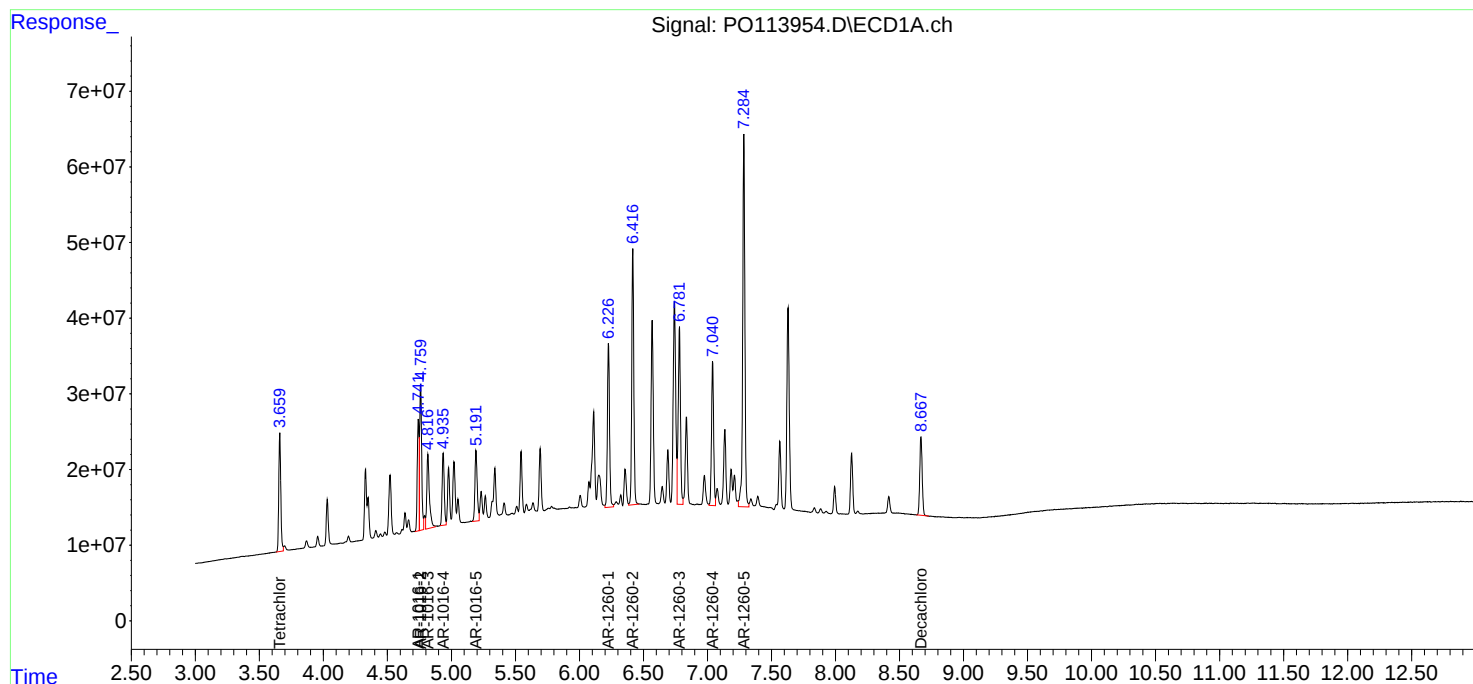
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092225\
Data File : PO113954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 07:43
Operator : YP/AJ
Sample : PB169771BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169771BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 08:19:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	EO-02-091925MS	SDG No.:	Q3155
Lab Sample ID:	Q3152-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070942.D	1	09/22/25 08:40	09/22/25 15:46	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	177		4.30	18.4	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.4	ug/kg
11096-82-5	Aroclor-1260	138		3.50	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.4		32 - 144	72%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.3		32 - 175	67%	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_Q\Data\PQ092225\
 Data File : PQ070942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 15:46
 Operator : YP\AJ
 Sample : Q3152-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 EO-02-091925MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2025
 Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 03:23:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.401	2.778	76953643	81574523	14.368	12.721
2) SA Decachlor...	8.498	7.534	51435610	64458776	13.339m	9.139 #
Target Compounds						
3) L1 AR-1016-1	4.481	3.778	85823730	95100407	517.679	443.475
4) L1 AR-1016-2	4.500	3.793	128.0E6	141.5E6	479.713	435.110
5) L1 AR-1016-3	4.557	3.953	82994113	74955547	501.242	412.460
6) L1 AR-1016-4	4.647	4.002	72967515	63541488	538.980	400.905 #
7) L1 AR-1016-5	4.931	4.196	55351421	77422650	413.913m	415.451
31) L7 AR-1260-1	6.021	5.189	103.3E6	124.9E6	421.822	349.934
32) L7 AR-1260-2	6.277	5.379	130.8E6	153.8E6	436.476	361.618
33) L7 AR-1260-3	6.628	5.519	74254148	139.4E6	346.683	344.546
34) L7 AR-1260-4	6.841	5.979	84522320	97255124	355.504	274.728
35) L7 AR-1260-5	7.147	6.224	170.0E6	216.3E6	355.717	263.419 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092225\
Data File : PQ070942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 15:46
Operator : YP\AJ
Sample : Q3152-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

EO-02-091925MS

Manual Integrations

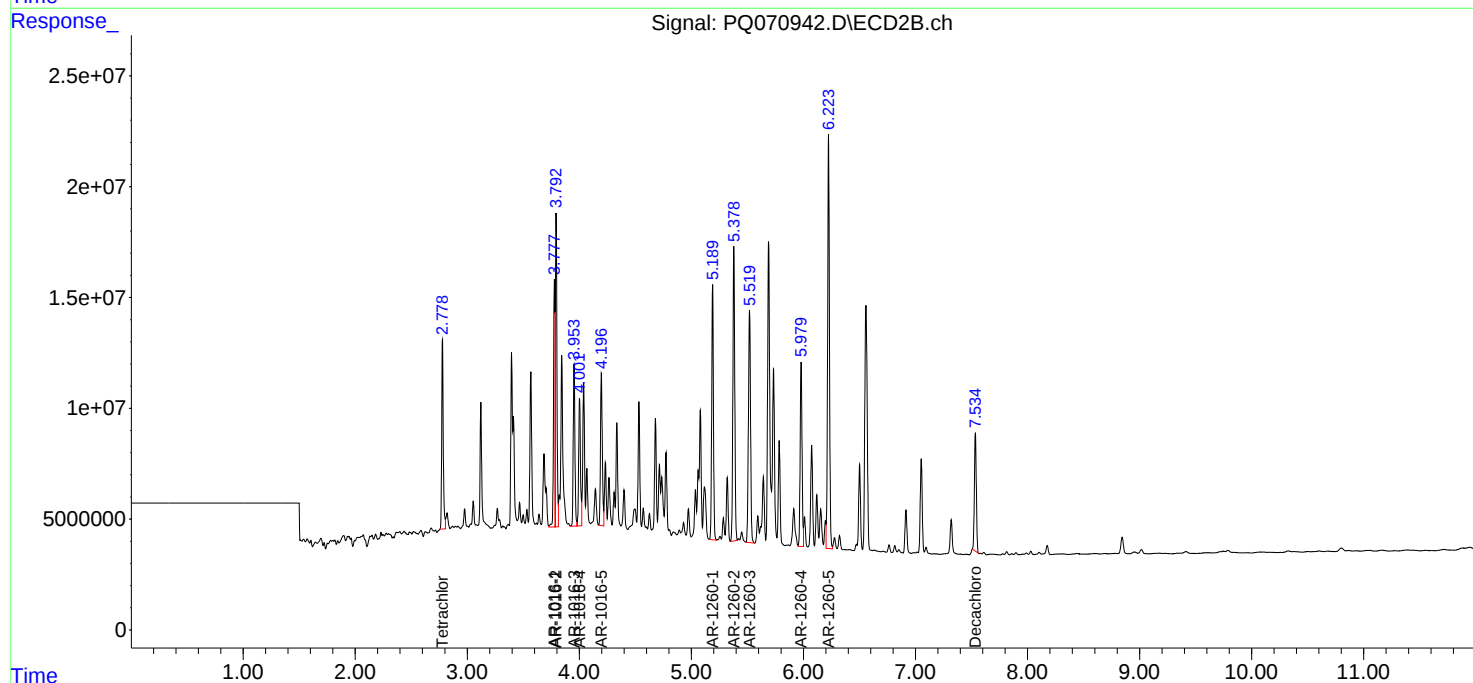
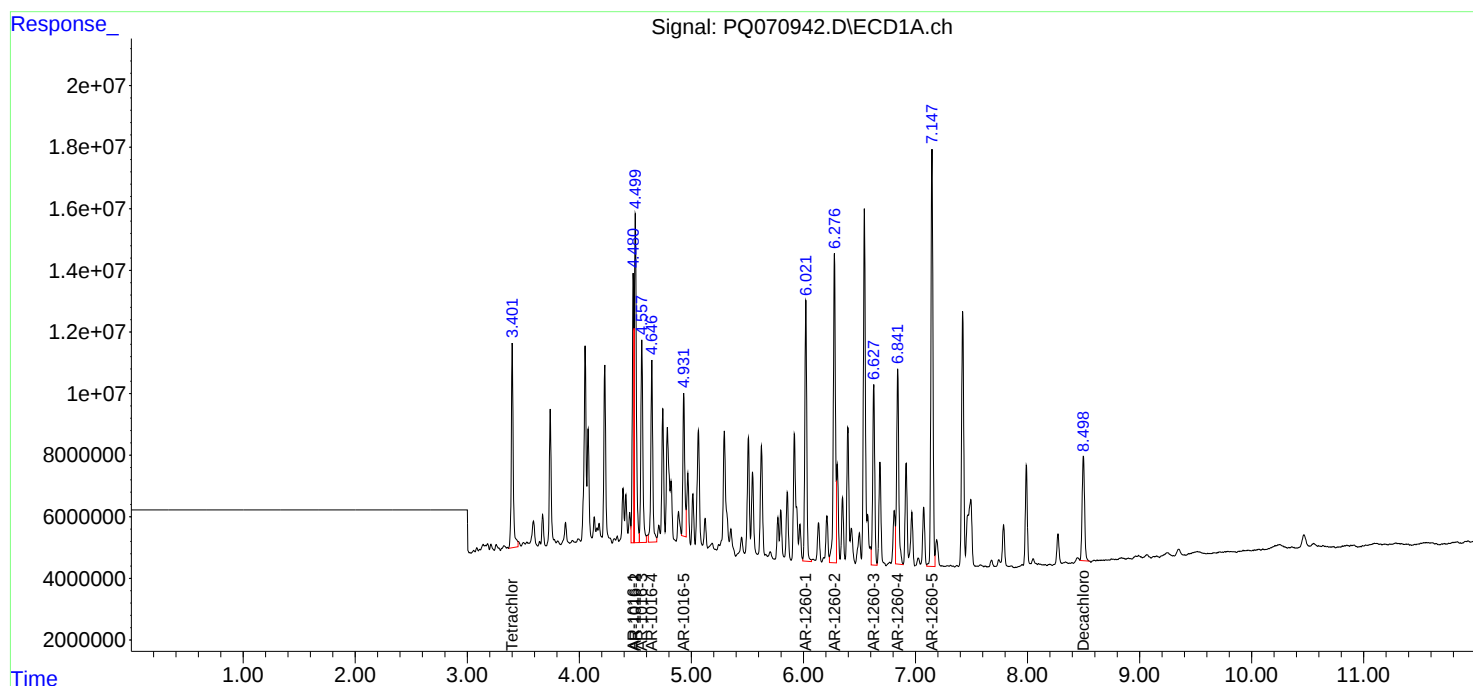
APPROVED

Reviewed By :Yogesh Patel 09/23/2025

Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 03:23:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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:	Kleinfelder	Date Collected:	09/19/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	EO-02-091925MSD	SDG No.:	Q3155
Lab Sample ID:	Q3152-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070943.D	1	09/22/25 08:40	09/22/25 16:00	PB169771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	187		4.30	18.4	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.4	ug/kg
11096-82-5	Aroclor-1260	134		3.50	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.0		32 - 144	75%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.9		32 - 175	64%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092225\
 Data File : PQ070943.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 16:00
 Operator : YP\AJ
 Sample : Q3152-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 EO-02-091925MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2025
 Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 03:24:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.401	2.778	80445624	84285519	15.020	13.144
2) SA Decachlor...	8.499	7.535	49701560	62601819	12.890	8.876 #
Target Compounds						
3) L1 AR-1016-1	4.481	3.778	90447931	97552007	545.572	454.907
4) L1 AR-1016-2	4.500	3.793	136.8E6	147.2E6	513.011	452.628
5) L1 AR-1016-3	4.557	3.953	89293596	78116152	539.288	429.852
6) L1 AR-1016-4	4.647	4.002	77470562	64131509	572.242	404.628 #
7) L1 AR-1016-5	4.931	4.197	56424166	77982122	421.935m	418.453
31) L7 AR-1260-1	6.020	5.189	100.4E6	128.1E6	410.093	359.001
32) L7 AR-1260-2	6.276	5.378	127.7E6	153.4E6	426.075	360.705
33) L7 AR-1260-3	6.628	5.519	71817941	138.9E6	335.309	343.395
34) L7 AR-1260-4	6.841	5.980	81448748	98180618	342.576	277.342
35) L7 AR-1260-5	7.147	6.224	163.5E6	214.4E6	342.144	261.116

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092225\
Data File : PQ070943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 16:00
Operator : YP\AJ
Sample : Q3152-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

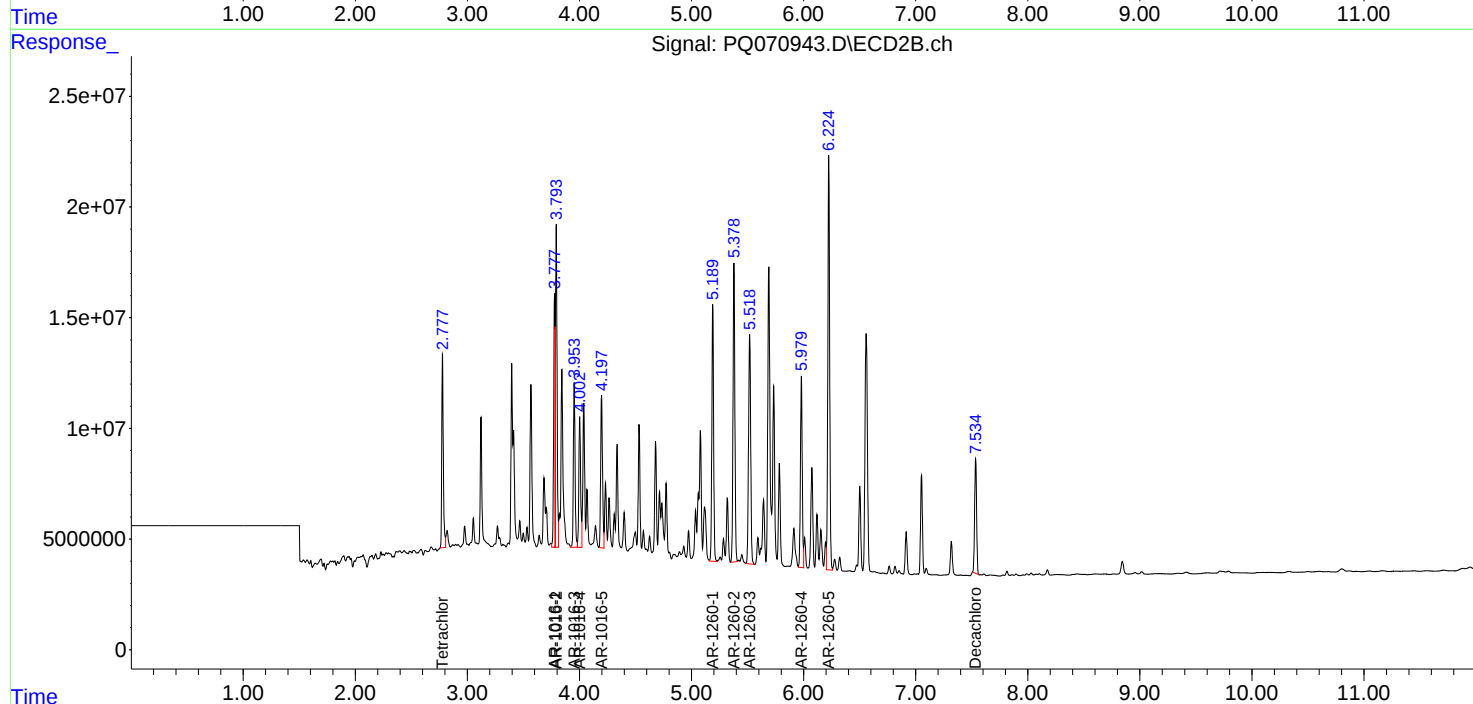
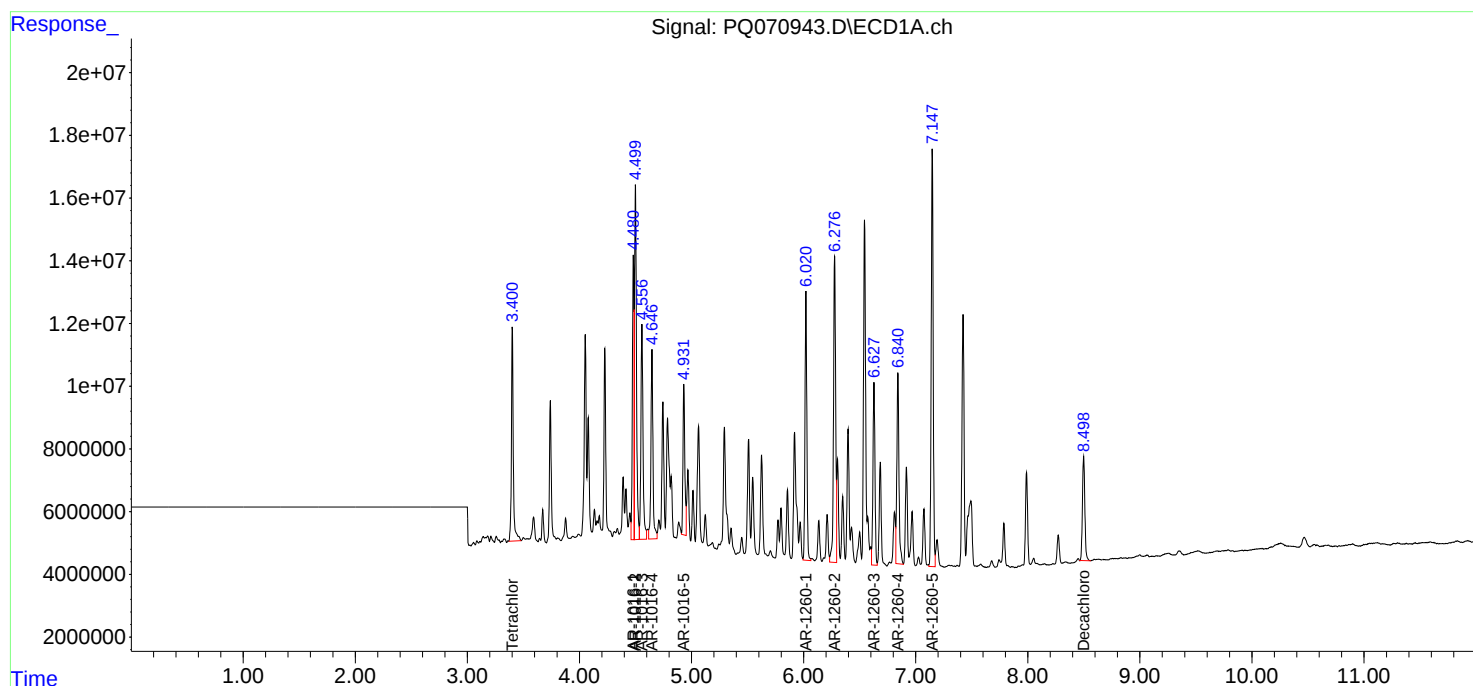
Instrument :
ECD_Q
ClientSampleId :
EO-02-091925MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/23/2025
Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 03:24:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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:	po091525	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO113723.D	AR-1016-3 #2	yogesh	9/16/2025 8:17:06 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC250	PO113723.D	AR-1016-4	yogesh	9/16/2025 8:17:06 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC250	PO113723.D	AR-1016-4 #2	yogesh	9/16/2025 8:17:06 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC250	PO113723.D	AR-1016-5	yogesh	9/16/2025 8:17:06 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC250	PO113723.D	AR-1016-5 #2	yogesh	9/16/2025 8:17:06 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC050	PO113724.D	AR-1016-3 #2	yogesh	9/16/2025 8:17:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC050	PO113724.D	AR-1016-4	yogesh	9/16/2025 8:17:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC050	PO113724.D	AR-1016-4 #2	yogesh	9/16/2025 8:17:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC050	PO113724.D	AR-1016-5	yogesh	9/16/2025 8:17:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC050	PO113724.D	AR-1016-5 #2	yogesh	9/16/2025 8:17:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC050	PO113724.D	AR-1260-4 #2	yogesh	9/16/2025 8:17:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1242ICC050	PO113731.D	AR-1242-1	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1242ICC050	PO113731.D	AR-1242-2	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software

Manual Integration Report

Sequence:	po091525	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PO113731.D	AR-1242-3 #2	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1242ICC050	PO113731.D	AR-1242-4 #2	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1242ICC050	PO113731.D	AR-1242-5 #2	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1242ICC050	PO113731.D	Tetrachloro-m-xylene	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1242ICC050	PO113731.D	Tetrachloro-m-xylene #2	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1248ICC250	PO113735.D	Tetrachloro-m-xylene	yogesh	9/16/2025 8:17:11 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1254ICC050	PO113741.D	AR-1254-1	yogesh	9/16/2025 8:17:15 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1254ICC050	PO113741.D	AR-1254-2	yogesh	9/16/2025 8:17:15 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1254ICC050	PO113741.D	AR-1254-3	yogesh	9/16/2025 8:17:15 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1254ICC050	PO113741.D	AR-1254-4	yogesh	9/16/2025 8:17:15 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1268ICC050	PO113747.D	AR-1268-1 #2	yogesh	9/16/2025 8:17:16 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1268ICC050	PO113747.D	AR-1268-2 #2	yogesh	9/16/2025 8:17:16 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1268ICC050	PO113747.D	AR-1268-3	yogesh	9/16/2025 8:17:16 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software

Manual Integration Report

Sequence:

po091525

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC050	PO113747.D	AR-1268-3 #2	yogesh	9/16/2025 8:17:16 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1268ICC050	PO113747.D	Tetrachloro-m-xylene	yogesh	9/16/2025 8:17:16 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1268ICC050	PO113747.D	Tetrachloro-m-xylene #2	yogesh	9/16/2025 8:17:16 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
PO091525ICV500	PO113748.D	AR-1260-5	yogesh	9/16/2025 8:45:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software

Manual Integration Report

Sequence:

po092225

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3155-03	PO113917.D	Decachlorobiphenyl	yogesh	9/23/2025 9:41:29 AM	mohammad	9/24/2025 2:24:23	Peak Integrated by Software
AR1660CCC500	PO113934.D	AR-1016-5	yogesh	9/23/2025 9:41:40 AM	mohammad	9/24/2025 2:24:23	Peak Integrated by Software
AR1660CCC500	PO113934.D	AR-1260-4	yogesh	9/23/2025 9:41:40 AM	mohammad	9/24/2025 2:24:23	Peak Integrated by Software
AR1660CCC500	PO113948.D	AR-1016-5	yogesh	9/23/2025 9:41:46 AM	mohammad	9/24/2025 2:24:23	Peak Integrated by Software
AR1660CCC500	PO113948.D	AR-1260-4	yogesh	9/23/2025 9:41:46 AM	mohammad	9/24/2025 2:24:23	Peak Integrated by Software
AR1660CCC500	PO113948.D	AR-1260-5	yogesh	9/23/2025 9:41:46 AM	mohammad	9/24/2025 2:24:23	Peak Integrated by Software
AR1254CCC500	PO113951.D	AR-1254-1	yogesh	9/23/2025 9:41:48 AM	mohammad	9/24/2025 2:24:23	Peak Integrated by Software
AR1254CCC500	PO113951.D	AR-1254-2	yogesh	9/23/2025 9:41:48 AM	mohammad	9/24/2025 2:24:23	Peak Integrated by Software
AR1660CCC500	PO113957.D	AR-1016-4	yogesh	9/23/2025 9:41:49 AM	mohammad	9/24/2025 2:24:23	Peak Integrated by Software
AR1660CCC500	PO113957.D	AR-1016-5	yogesh	9/23/2025 9:41:49 AM	mohammad	9/24/2025 2:24:23	Peak Integrated by Software
AR1660CCC500	PO113957.D	AR-1260-5	yogesh	9/23/2025 9:41:49 AM	mohammad	9/24/2025 2:24:23	Peak Integrated by Software

Manual Integration Report

Sequence:

PQ091025

Instrument

ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PQ070793.D	AR-1260-1 #2	yogesh	9/11/2025 7:45:13 AM	mohammad	9/15/2025 2:23:00	Peak Integrated by Software
AR1660ICC050	PQ070793.D	AR-1260-2 #2	yogesh	9/11/2025 7:45:13 AM	mohammad	9/15/2025 2:23:00	Peak Integrated by Software
AR1660CCC500	PQ070802.D	AR-1016-2	yogesh	9/11/2025 11:01:40 AM	mohammad	9/15/2025 2:23:00	Peak Integrated by Software

Manual Integration Report

Sequence:

PQ092225

Instrument

ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3152-01MS	PQ070942.D	AR-1016-5	yogesh	9/23/2025 7:33:17 AM	mohammad	9/24/2025 2:24:30	Peak Integrated by Software
Q3152-01MS	PQ070942.D	Decachlorobiphenyl	yogesh	9/23/2025 7:33:17 AM	mohammad	9/24/2025 2:24:30	Peak Integrated by Software
Q3152-01MSD	PQ070943.D	AR-1016-5	yogesh	9/23/2025 7:33:19 AM	mohammad	9/24/2025 2:24:30	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO091525

Review By	yogesh	Review On	9/15/2025 12:11:18 PM
Supervise By	mohammad	Supervise On	9/17/2025 2:07:54 AM
SubDirectory	PO091525	HP Acquire Method	HP Processing Method PO091525
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO113718.D	15 Sep 2025 08:58	YP/AJ	Ok
2	I.BLK	PO113719.D	15 Sep 2025 09:16	YP/AJ	Ok
3	AR1660ICC1000	PO113720.D	15 Sep 2025 09:34	YP/AJ	Ok
4	AR1660ICC750	PO113721.D	15 Sep 2025 09:53	YP/AJ	Ok
5	AR1660ICC500	PO113722.D	15 Sep 2025 10:11	YP/AJ	Ok
6	AR1660ICC250	PO113723.D	15 Sep 2025 10:30	YP/AJ	Ok,M
7	AR1660ICC050	PO113724.D	15 Sep 2025 10:48	YP/AJ	Ok,M
8	AR1221ICC500	PO113725.D	15 Sep 2025 11:06	YP/AJ	Ok
9	AR1232ICC500	PO113726.D	15 Sep 2025 11:25	YP/AJ	Ok
10	AR1242ICC1000	PO113727.D	15 Sep 2025 11:43	YP/AJ	Ok
11	AR1242ICC750	PO113728.D	15 Sep 2025 12:02	YP/AJ	Ok
12	AR1242ICC500	PO113729.D	15 Sep 2025 12:20	YP/AJ	Ok
13	AR1242ICC250	PO113730.D	15 Sep 2025 12:38	YP/AJ	Ok
14	AR1242ICC050	PO113731.D	15 Sep 2025 13:34	YP/AJ	Ok,M
15	AR1248ICC1000	PO113732.D	15 Sep 2025 13:54	YP/AJ	Ok
16	AR1248ICC750	PO113733.D	15 Sep 2025 14:13	YP/AJ	Ok
17	AR1248ICC500	PO113734.D	15 Sep 2025 14:31	YP/AJ	Ok
18	AR1248ICC250	PO113735.D	15 Sep 2025 14:49	YP/AJ	Ok,M
19	AR1248ICC050	PO113736.D	15 Sep 2025 15:26	YP/AJ	Ok
20	AR1254ICC1000	PO113737.D	15 Sep 2025 15:45	YP/AJ	Ok
21	AR1254ICC750	PO113738.D	15 Sep 2025 16:02	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO091525

Review By	yogesh	Review On	9/15/2025 12:11:18 PM
Supervise By	mohammad	Supervise On	9/17/2025 2:07:54 AM
SubDirectory	PO091525	HP Acquire Method	HP Processing Method PO091525
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC			
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PO113739.D	15 Sep 2025 16:20	YP/AJ	Ok
23	AR1254ICC250	PO113740.D	15 Sep 2025 16:38	YP/AJ	Ok
24	AR1254ICC050	PO113741.D	15 Sep 2025 17:14	YP/AJ	Ok,M
25	AR1262ICC500	PO113742.D	15 Sep 2025 17:33	YP/AJ	Ok
26	AR1268ICC1000	PO113743.D	15 Sep 2025 17:51	YP/AJ	Ok
27	AR1268ICC750	PO113744.D	15 Sep 2025 18:10	YP/AJ	Ok
28	AR1268ICC500	PO113745.D	15 Sep 2025 18:27	YP/AJ	Ok
29	AR1268ICC250	PO113746.D	15 Sep 2025 18:45	YP/AJ	Ok
30	AR1268ICC050	PO113747.D	15 Sep 2025 19:21	YP/AJ	Ok,M
31	PO091525ICV500	PO113748.D	15 Sep 2025 19:40	YP/AJ	Ok,M
32	AR1242ICV500	PO113749.D	15 Sep 2025 20:16	YP/AJ	Ok
33	AR1248ICV500	PO113750.D	15 Sep 2025 21:11	YP/AJ	Ok
34	AR1254ICV500	PO113751.D	15 Sep 2025 22:05	YP/AJ	Ok
35	AR1268ICV500	PO113752.D	15 Sep 2025 23:00	YP/AJ	Ok
36	DDT ANALOG	PO113753.D	15 Sep 2025 23:37	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO092225

Review By	yogesh	Review On	9/22/2025 10:34:05 AM
Supervise By	mohammad	Supervise On	9/24/2025 2:24:23 AM
SubDirectory	PO092225	HP Acquire Method	HP Processing Method PO091925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO113894.D	22 Sep 2025 08:43	YP/AJ	Ok
2	AR1660CCC500	PO113895.D	22 Sep 2025 09:02	YP/AJ	Ok
3	I.BLK	PO113896.D	22 Sep 2025 09:21	YP/AJ	Ok
4	Q3147-01	PO113897.D	22 Sep 2025 09:39	YP/AJ	Ok
5	Q3147-02	PO113898.D	22 Sep 2025 09:57	YP/AJ	Ok
6	Q3147-03	PO113899.D	22 Sep 2025 10:16	YP/AJ	Ok
7	Q3147-04	PO113900.D	22 Sep 2025 10:34	YP/AJ	Ok
8	Q3147-05	PO113901.D	22 Sep 2025 10:53	YP/AJ	Ok
9	Q3147-07	PO113902.D	22 Sep 2025 11:11	YP/AJ	Ok
10	Q3147-08	PO113903.D	22 Sep 2025 11:29	YP/AJ	Ok
11	Q3147-09	PO113904.D	22 Sep 2025 11:48	YP/AJ	Ok
12	Q3147-10	PO113905.D	22 Sep 2025 12:06	YP/AJ	Ok
13	Q3147-11	PO113906.D	22 Sep 2025 12:25	YP/AJ	Ok
14	AR1660CCC500	PO113907.D	22 Sep 2025 13:26	YP/AJ	Ok
15	I.BLK	PO113908.D	22 Sep 2025 13:44	YP/AJ	Ok
16	Q3147-21DL	PO113909.D	22 Sep 2025 14:03	YP/AJ	Ok,M
17	Q3147-22DL	PO113910.D	22 Sep 2025 14:21	YP/AJ	Ok
18	Q3147-23DL	PO113911.D	22 Sep 2025 14:40	YP/AJ	Ok
19	Q3147-24	PO113912.D	22 Sep 2025 14:58	YP/AJ	Ok
20	Q3153-01	PO113913.D	22 Sep 2025 15:34	YP/AJ	Ok
21	Q3153-05	PO113914.D	22 Sep 2025 15:52	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO092225

Review By	yogesh	Review On	9/22/2025 10:34:05 AM
Supervise By	mohammad	Supervise On	9/24/2025 2:24:23 AM
SubDirectory	PO092225	HP Acquire Method	HP Processing Method PO091925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3155-01	PO113915.D	22 Sep 2025 16:11	YP/AJ	Ok
23	Q3155-02	PO113916.D	22 Sep 2025 16:29	YP/AJ	Ok
24	Q3155-03	PO113917.D	22 Sep 2025 16:48	YP/AJ	Ok,M
25	Q3157-01	PO113918.D	22 Sep 2025 17:06	YP/AJ	Ok
26	AR1660CCC500	PO113919.D	22 Sep 2025 18:07	YP/AJ	Ok
27	AR1242CCC500	PO113920.D	22 Sep 2025 18:44	YP/AJ	Ok
28	AR1248CCC500	PO113921.D	22 Sep 2025 19:01	YP/AJ	Ok
29	AR1254CCC500	PO113922.D	22 Sep 2025 19:20	YP/AJ	Ok
30	I.BLK	PO113923.D	22 Sep 2025 19:38	YP/AJ	Ok
31	Q3145-03	PO113924.D	22 Sep 2025 19:57	YP/AJ	Ok
32	Q3150-01	PO113925.D	22 Sep 2025 20:14	YP/AJ	Ok,M
33	Q3150-03	PO113926.D	22 Sep 2025 20:33	YP/AJ	Ok,M
34	Q3151-01	PO113927.D	22 Sep 2025 20:51	YP/AJ	Ok,M
35	Q3145-01	PO113928.D	22 Sep 2025 21:10	YP/AJ	Ok
36	PB169769BL	PO113929.D	22 Sep 2025 21:28	YP/AJ	Ok
37	PB169769BS	PO113930.D	22 Sep 2025 21:45	YP/AJ	Ok,M
38	Q3114-01	PO113931.D	22 Sep 2025 22:04	YP/AJ	Ok,M
39	Q3119-01	PO113932.D	22 Sep 2025 22:22	YP/AJ	Ok
40	Q3119-02	PO113933.D	22 Sep 2025 22:41	YP/AJ	Ok
41	AR1660CCC500	PO113934.D	22 Sep 2025 23:42	YP/AJ	Ok,M
42	AR1242CCC500	PO113935.D	23 Sep 2025 00:37	YP/AJ	Ok
43	AR1248CCC500	PO113936.D	23 Sep 2025 00:56	YP/AJ	Ok
44	AR1254CCC500	PO113937.D	23 Sep 2025 01:14	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO092225

Review By	yogesh	Review On	9/22/2025 10:34:05 AM
Supervise By	mohammad	Supervise On	9/24/2025 2:24:23 AM
SubDirectory	PO092225	HP Acquire Method	HP Processing Method PO091925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	I.BLK	PO113938.D	23 Sep 2025 01:32	YP/AJ	Ok
46	Q3136-05DL	PO113939.D	23 Sep 2025 01:50	YP/AJ	Not Ok
47	PB169767BL	PO113940.D	23 Sep 2025 02:08	YP/AJ	Ok
48	PB169767BS	PO113941.D	23 Sep 2025 02:26	YP/AJ	Ok
49	PB169767BSD	PO113942.D	23 Sep 2025 02:45	YP/AJ	Ok
50	Q3135-01	PO113943.D	23 Sep 2025 03:02	YP/AJ	Ok
51	Q3138-05	PO113944.D	23 Sep 2025 03:20	YP/AJ	Ok,M
52	Q3138-06	PO113945.D	23 Sep 2025 03:38	YP/AJ	Ok,M
53	Q3139-01	PO113946.D	23 Sep 2025 03:56	YP/AJ	Ok,M
54	Q3151-02	PO113947.D	23 Sep 2025 04:15	YP/AJ	Ok
55	AR1660CCC500	PO113948.D	23 Sep 2025 05:16	YP/AJ	Ok,M
56	AR1242CCC500	PO113949.D	23 Sep 2025 06:10	YP/AJ	Ok
57	AR1248CCC500	PO113950.D	23 Sep 2025 06:29	YP/AJ	Ok
58	AR1254CCC500	PO113951.D	23 Sep 2025 06:47	YP/AJ	Ok,M
59	I.BLK	PO113952.D	23 Sep 2025 07:06	YP/AJ	Ok
60	PB169771BL	PO113953.D	23 Sep 2025 07:24	YP/AJ	Ok
61	PB169771BS	PO113954.D	23 Sep 2025 07:43	YP/AJ	Ok
62	PB169757BL	PO113955.D	23 Sep 2025 08:01	YP/AJ	Ok
63	PB169757BS	PO113956.D	23 Sep 2025 08:20	YP/AJ	Ok
64	AR1660CCC500	PO113957.D	23 Sep 2025 08:56	YP/AJ	Ok,M
65	I.BLK	PO113958.D	23 Sep 2025 09:14	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ091025

Review By	yogesh	Review On	9/10/2025 11:13:51 AM
Supervise By	mohammad	Supervise On	9/15/2025 2:23:00 AM
SubDirectory	PQ091025	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ070787.D	10 Sep 2025 08:56	YP\AJ	Ok
2	I.BLK	PQ070788.D	10 Sep 2025 09:10	YP\AJ	Ok
3	AR1660ICC1000	PQ070789.D	10 Sep 2025 09:25	YP\AJ	Ok
4	AR1660ICC750	PQ070790.D	10 Sep 2025 09:39	YP\AJ	Ok
5	AR1660ICC500	PQ070791.D	10 Sep 2025 09:54	YP\AJ	Ok
6	AR1660ICC250	PQ070792.D	10 Sep 2025 10:09	YP\AJ	Ok
7	AR1660ICC050	PQ070793.D	10 Sep 2025 10:23	YP\AJ	Ok,M
8	AR1221ICC500	PQ070794.D	10 Sep 2025 10:38	YP\AJ	Ok
9	AR1232ICC500	PQ070795.D	10 Sep 2025 10:52	YP\AJ	Ok
10	AR1242ICC500	PQ070796.D	10 Sep 2025 11:07	YP\AJ	Ok
11	AR1248ICC500	PQ070797.D	10 Sep 2025 11:21	YP\AJ	Ok
12	AR1254ICC500	PQ070798.D	10 Sep 2025 11:36	YP\AJ	Ok
13	AR1262ICC500	PQ070799.D	10 Sep 2025 11:51	YP\AJ	Ok
14	AR1268ICC500	PQ070800.D	10 Sep 2025 12:05	YP\AJ	Ok
15	PQ091025ICV500	PQ070801.D	10 Sep 2025 12:20	YP\AJ	Ok
16	AR1660CCC500	PQ070802.D	10 Sep 2025 12:39	YP\AJ	Ok,M
17	I.BLK	PQ070803.D	10 Sep 2025 12:54	YP\AJ	Ok
18	PB169532BL	PQ070804.D	10 Sep 2025 13:15	YP\AJ	Ok
19	Q2893-01	PQ070805.D	10 Sep 2025 13:29	YP\AJ	Ok,M
20	Q2893-01	PQ070806.D	10 Sep 2025 13:44	YP\AJ	Ok,M
21	Q2893-01	PQ070807.D	10 Sep 2025 13:58	YP\AJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ091025

Review By	yogesh	Review On	9/10/2025 11:13:51 AM
Supervise By	mohammad	Supervise On	9/15/2025 2:23:00 AM
SubDirectory	PQ091025	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
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	Q2893-01	PQ070808.D	10 Sep 2025 14:13	YPIAJ	Ok
23	Q2893-01	PQ070809.D	10 Sep 2025 14:28	YPIAJ	Ok
24	Q2893-01	PQ070810.D	10 Sep 2025 14:42	YPIAJ	Ok
25	Q2893-01	PQ070811.D	10 Sep 2025 14:57	YPIAJ	Ok
26	Q2893-01	PQ070812.D	10 Sep 2025 15:11	YPIAJ	Ok,M
27	AR1660CCC500	PQ070813.D	10 Sep 2025 15:41	YPIAJ	Ok
28	I.BLK	PQ070814.D	10 Sep 2025 15:55	YPIAJ	Ok
29	PB169530BL	PQ070815.D	10 Sep 2025 16:10	YPIAJ	Ok
30	Q2893-07	PQ070816.D	10 Sep 2025 16:24	YPIAJ	Ok
31	Q2893-07	PQ070817.D	10 Sep 2025 16:39	YPIAJ	Ok,M
32	Q2893-07	PQ070818.D	10 Sep 2025 16:54	YPIAJ	Ok
33	Q2893-07	PQ070819.D	10 Sep 2025 17:08	YPIAJ	Ok
34	Q2893-07	PQ070820.D	10 Sep 2025 17:23	YPIAJ	Ok,M
35	Q2893-07	PQ070821.D	10 Sep 2025 17:37	YPIAJ	Ok
36	Q2893-07	PQ070822.D	10 Sep 2025 17:52	YPIAJ	Ok,M
37	Q2893-07	PQ070823.D	10 Sep 2025 18:06	YPIAJ	Ok,M
38	AR1660CCC500	PQ070824.D	10 Sep 2025 18:36	YPIAJ	Ok
39	I.BLK	PQ070825.D	10 Sep 2025 19:05	YPIAJ	Ok
40	Q2893-01	PQ070826.D	10 Sep 2025 19:19	YPIAJ	Ok
41	Q2893-01	PQ070827.D	10 Sep 2025 19:34	YPIAJ	Ok
42	Q2893-01	PQ070828.D	10 Sep 2025 19:49	YPIAJ	Ok
43	Q2893-01	PQ070829.D	10 Sep 2025 20:03	YPIAJ	Ok
44	Q2893-01	PQ070830.D	10 Sep 2025 20:18	YPIAJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ091025

Review By	yogesh	Review On	9/10/2025 11:13:51 AM
Supervise By	mohammad	Supervise On	9/15/2025 2:23:00 AM
SubDirectory	PQ091025	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
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	Q2893-01	PQ070831.D	10 Sep 2025 20:33	YPIAJ	Ok
46	Q2893-01	PQ070832.D	10 Sep 2025 20:47	YPIAJ	Ok,M
47	Q2893-01	PQ070833.D	10 Sep 2025 21:02	YPIAJ	Ok,M
48	AR1660CCC500	PQ070834.D	10 Sep 2025 22:00	YPIAJ	Ok
49	I.BLK	PQ070835.D	10 Sep 2025 22:29	YPIAJ	Ok
50	Q2893-07	PQ070836.D	10 Sep 2025 22:44	YPIAJ	Ok
51	Q2893-07	PQ070837.D	10 Sep 2025 22:58	YPIAJ	Ok
52	Q2893-07	PQ070838.D	10 Sep 2025 23:13	YPIAJ	Ok
53	Q2893-07	PQ070839.D	10 Sep 2025 23:28	YPIAJ	Ok
54	Q2893-07	PQ070840.D	10 Sep 2025 23:42	YPIAJ	Ok
55	Q2893-07	PQ070841.D	10 Sep 2025 23:57	YPIAJ	Ok
56	Q2893-07	PQ070842.D	11 Sep 2025 00:11	YPIAJ	Ok,M
57	Q2893-07	PQ070843.D	11 Sep 2025 00:26	YPIAJ	Ok,M
58	AR1660CCC500	PQ070844.D	11 Sep 2025 01:24	YPIAJ	Ok
59	I.BLK	PQ070845.D	11 Sep 2025 01:54	YPIAJ	Ok
60	PB169550BL	PQ070846.D	11 Sep 2025 03:21	YPIAJ	Ok
61	Q2893-03	PQ070847.D	11 Sep 2025 03:36	YPIAJ	Ok,M
62	Q2893-03	PQ070848.D	11 Sep 2025 03:50	YPIAJ	Ok,M
63	Q2893-03	PQ070849.D	11 Sep 2025 04:05	YPIAJ	Ok,M
64	Q2893-03	PQ070850.D	11 Sep 2025 04:19	YPIAJ	Ok
65	Q2893-03	PQ070851.D	11 Sep 2025 04:34	YPIAJ	Ok,M
66	Q2893-03	PQ070852.D	11 Sep 2025 04:49	YPIAJ	Ok
67	Q2893-03	PQ070853.D	11 Sep 2025 05:03	YPIAJ	Ok,M

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ091025

Review By	yogesh	Review On	9/10/2025 11:13:51 AM
Supervise By	mohammad	Supervise On	9/15/2025 2:23:00 AM
SubDirectory	PQ091025	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
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			

68	Q2893-03	PQ070854.D	11 Sep 2025 05:18	YPIAJ	Ok,M
69	AR1660CCC500	PQ070855.D	11 Sep 2025 06:16	YPIAJ	Ok
70	I.BLK	PQ070856.D	11 Sep 2025 06:45	YPIAJ	Ok
71	PB169548BL	PQ070857.D	11 Sep 2025 07:00	YPIAJ	Ok
72	Q2893-09	PQ070858.D	11 Sep 2025 07:15	YPIAJ	Ok,M
73	Q2893-09	PQ070859.D	11 Sep 2025 07:29	YPIAJ	Ok,M
74	Q2893-09	PQ070860.D	11 Sep 2025 07:44	YPIAJ	Ok,M
75	Q2893-09	PQ070861.D	11 Sep 2025 07:58	YPIAJ	Ok,M
76	Q2893-09	PQ070862.D	11 Sep 2025 08:13	YPIAJ	Ok,M
77	Q2893-09	PQ070863.D	11 Sep 2025 08:27	YPIAJ	Ok,M
78	Q2893-09	PQ070864.D	11 Sep 2025 08:42	YPIAJ	Ok,M
79	Q2893-09	PQ070865.D	11 Sep 2025 08:57	YPIAJ	Ok,M
80	AR1660CCC500	PQ070866.D	11 Sep 2025 09:55	YPIAJ	Ok
81	I.BLK	PQ070867.D	11 Sep 2025 10:10	YPIAJ	Ok
82	Q2893-02	PQ070868.D	11 Sep 2025 10:24	YPIAJ	Ok
83	Q2893-02	PQ070869.D	11 Sep 2025 10:39	YPIAJ	Ok
84	Q2893-02	PQ070870.D	11 Sep 2025 10:53	YPIAJ	Ok
85	Q2893-02	PQ070871.D	11 Sep 2025 11:08	YPIAJ	Ok
86	Q2893-02	PQ070872.D	11 Sep 2025 11:23	YPIAJ	Ok
87	Q2893-02	PQ070873.D	11 Sep 2025 11:37	YPIAJ	Ok
88	Q2893-02	PQ070874.D	11 Sep 2025 11:52	YPIAJ	Ok
89	Q2893-02	PQ070875.D	11 Sep 2025 12:06	YPIAJ	Ok
90	AR1660CCC500	PQ070876.D	11 Sep 2025 12:36	YPIAJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ091025

Review By	yogesh	Review On	9/10/2025 11:13:51 AM
Supervise By	mohammad	Supervise On	9/15/2025 2:23:00 AM
SubDirectory	PQ091025	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
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			

91	I.BLK	PQ070877.D	11 Sep 2025 12:50	YP\AJ	Ok
92	Q2893-08	PQ070878.D	11 Sep 2025 13:05	YP\AJ	Ok
93	Q2893-08	PQ070879.D	11 Sep 2025 13:19	YP\AJ	Ok,M
94	Q2893-08	PQ070880.D	11 Sep 2025 13:34	YP\AJ	Ok
95	Q2893-08	PQ070881.D	11 Sep 2025 13:49	YP\AJ	Ok
96	Q2893-08	PQ070882.D	11 Sep 2025 14:03	YP\AJ	Ok
97	Q2893-08	PQ070883.D	11 Sep 2025 14:18	YP\AJ	Ok
98	Q2893-08	PQ070884.D	11 Sep 2025 14:32	YP\AJ	Ok
99	Q2893-08	PQ070885.D	11 Sep 2025 14:47	YP\AJ	Ok
100	AR1660CCC500	PQ070886.D	11 Sep 2025 15:02	YP\AJ	Ok
101	I.BLK	PQ070887.D	11 Sep 2025 15:16	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ092225

Review By	yogesh	Review On	9/22/2025 10:34:56 AM
Supervise By	mohammad	Supervise On	9/24/2025 2:24:30 AM
SubDirectory	PQ092225	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ070920.D	22 Sep 2025 08:48	YP\AJ	Ok
2	AR1660CCC500	PQ070921.D	22 Sep 2025 09:02	YP\AJ	Ok
3	I.BLK	PQ070922.D	22 Sep 2025 09:50	YP\AJ	Ok
4	Q3147-06DL	PQ070923.D	22 Sep 2025 10:23	YP\AJ	Ok
5	Q3147-27DL	PQ070924.D	22 Sep 2025 10:38	YP\AJ	Ok
6	Q3147-12	PQ070925.D	22 Sep 2025 10:52	YP\AJ	Ok
7	Q3147-13	PQ070926.D	22 Sep 2025 11:07	YP\AJ	Ok
8	Q3147-14	PQ070927.D	22 Sep 2025 11:21	YP\AJ	Ok
9	Q3147-15	PQ070928.D	22 Sep 2025 11:36	YP\AJ	Dilution
10	Q3147-16	PQ070929.D	22 Sep 2025 11:51	YP\AJ	Dilution
11	Q3147-17	PQ070930.D	22 Sep 2025 12:05	YP\AJ	Ok
12	Q3147-18	PQ070931.D	22 Sep 2025 12:20	YP\AJ	Dilution
13	Q3147-19	PQ070932.D	22 Sep 2025 12:34	YP\AJ	Ok
14	AR1660CCC500	PQ070933.D	22 Sep 2025 13:19	YP\AJ	Ok
15	I.BLK	PQ070934.D	22 Sep 2025 13:34	YP\AJ	Ok
16	Q3147-20	PQ070935.D	22 Sep 2025 13:49	YP\AJ	Dilution
17	Q3147-09DL	PQ070936.D	22 Sep 2025 14:04	YP\AJ	Not Ok
18	Q3147-16DL	PQ070937.D	22 Sep 2025 14:18	YP\AJ	Ok,M
19	Q3147-18DL	PQ070938.D	22 Sep 2025 14:33	YP\AJ	Ok
20	Q3147-15DL	PQ070939.D	22 Sep 2025 14:47	YP\AJ	Ok
21	Q3147-20DL	PQ070940.D	22 Sep 2025 15:02	YP\AJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ092225

Review By	yogesh	Review On	9/22/2025 10:34:56 AM
Supervise By	mohammad	Supervise On	9/24/2025 2:24:30 AM
SubDirectory	PQ092225	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
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	Q3152-01	PQ070941.D	22 Sep 2025 15:31	YP\AJ	Ok,M
23	Q3152-01MS	PQ070942.D	22 Sep 2025 15:46	YP\AJ	Ok,M
24	Q3152-01MSD	PQ070943.D	22 Sep 2025 16:00	YP\AJ	Ok,M
25	AR1660CCC500	PQ070944.D	22 Sep 2025 18:02	YP\AJ	Ok
26	I.BLK	PQ070945.D	22 Sep 2025 18:31	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO091525

Review By	yogesh	Review On	9/15/2025 12:11:18 PM
Supervise By	mohammad	Supervise On	9/17/2025 2:07:54 AM
SubDirectory	PO091525	HP Acquire Method	HP Processing Method PO091525

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO113718.D	15 Sep 2025 08:58		YP/AJ	Ok
2	I.BLK	I.BLK	PO113719.D	15 Sep 2025 09:16		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO113720.D	15 Sep 2025 09:34		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO113721.D	15 Sep 2025 09:53		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO113722.D	15 Sep 2025 10:11		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO113723.D	15 Sep 2025 10:30		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO113724.D	15 Sep 2025 10:48		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO113725.D	15 Sep 2025 11:06		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO113726.D	15 Sep 2025 11:25		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO113727.D	15 Sep 2025 11:43		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO113728.D	15 Sep 2025 12:02		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO113729.D	15 Sep 2025 12:20		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO113730.D	15 Sep 2025 12:38		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO113731.D	15 Sep 2025 13:34		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO113732.D	15 Sep 2025 13:54		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO113733.D	15 Sep 2025 14:13		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO113734.D	15 Sep 2025 14:31		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO113735.D	15 Sep 2025 14:49		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO091525

Review By	yogesh	Review On	9/15/2025 12:11:18 PM
Supervise By	mohammad	Supervise On	9/17/2025 2:07:54 AM
SubDirectory	PO091525	HP Acquire Method	HP Processing Method PO091525
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		

19	AR1248ICC050	AR1248ICC050	PO113736.D	15 Sep 2025 15:26		YP/AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PO113737.D	15 Sep 2025 15:45		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO113738.D	15 Sep 2025 16:02		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO113739.D	15 Sep 2025 16:20		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO113740.D	15 Sep 2025 16:38		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO113741.D	15 Sep 2025 17:14		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO113742.D	15 Sep 2025 17:33		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO113743.D	15 Sep 2025 17:51		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO113744.D	15 Sep 2025 18:10		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO113745.D	15 Sep 2025 18:27		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO113746.D	15 Sep 2025 18:45		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO113747.D	15 Sep 2025 19:21		YP/AJ	Ok,M
31	PO091525ICV500	ICVPO091525	PO113748.D	15 Sep 2025 19:40		YP/AJ	Ok,M
32	AR1242ICV500	ICVPO091525AR1242	PO113749.D	15 Sep 2025 20:16		YP/AJ	Ok
33	AR1248ICV500	ICVPO091525AR1248	PO113750.D	15 Sep 2025 21:11		YP/AJ	Ok
34	AR1254ICV500	ICVPO091525AR1254	PO113751.D	15 Sep 2025 22:05		YP/AJ	Ok
35	AR1268ICV500	ICVPO091525AR1268	PO113752.D	15 Sep 2025 23:00		YP/AJ	Ok
36	DDT ANALOG	DDT ANALOG	PO113753.D	15 Sep 2025 23:37		YP/AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO092225

Review By	yogesh	Review On	9/22/2025 10:34:05 AM
Supervise By	mohammad	Supervise On	9/24/2025 2:24:23 AM
SubDirectory	PO092225	HP Acquire Method	HP Processing Method PO091925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO113894.D	22 Sep 2025 08:43		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO113895.D	22 Sep 2025 09:02		YP/AJ	Ok
3	I.BLK	I.BLK	PO113896.D	22 Sep 2025 09:21		YP/AJ	Ok
4	Q3147-01	S-1	PO113897.D	22 Sep 2025 09:39	AR1260 Hit	YP/AJ	Ok
5	Q3147-02	S-2	PO113898.D	22 Sep 2025 09:57	AR1260 Hit	YP/AJ	Ok
6	Q3147-03	S-3	PO113899.D	22 Sep 2025 10:16	AR1260 Hit	YP/AJ	Ok
7	Q3147-04	S-4	PO113900.D	22 Sep 2025 10:34	AR1260 Hit	YP/AJ	Ok
8	Q3147-05	S-5	PO113901.D	22 Sep 2025 10:53	AR1260 Hit	YP/AJ	Ok
9	Q3147-07	S-7	PO113902.D	22 Sep 2025 11:11	AR1260 Hit	YP/AJ	Ok
10	Q3147-08	S-8	PO113903.D	22 Sep 2025 11:29	AR1260 Hit	YP/AJ	Ok
11	Q3147-09	S-9	PO113904.D	22 Sep 2025 11:48	AR1260 Hit	YP/AJ	Ok
12	Q3147-10	S-10	PO113905.D	22 Sep 2025 12:06	AR1260 Hit	YP/AJ	Ok
13	Q3147-11	S-11	PO113906.D	22 Sep 2025 12:25	AR1260 Hit	YP/AJ	Ok
14	AR1660CCC500	AR1660CCC500	PO113907.D	22 Sep 2025 13:26		YP/AJ	Ok
15	I.BLK	I.BLK	PO113908.D	22 Sep 2025 13:44		YP/AJ	Ok
16	Q3147-21DL	S-21DL	PO113909.D	22 Sep 2025 14:03	AR1260 Hit	YP/AJ	Ok,M
17	Q3147-22DL	S-22DL	PO113910.D	22 Sep 2025 14:21	AR1260 Hit	YP/AJ	Ok
18	Q3147-23DL	S-23DL	PO113911.D	22 Sep 2025 14:40	AR1260 Hit	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO092225

Review By	yogesh	Review On	9/22/2025 10:34:05 AM
Supervise By	mohammad	Supervise On	9/24/2025 2:24:23 AM
SubDirectory	PO092225	HP Acquire Method	HP Processing Method PO091925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3147-24	S-24	PO113912.D	22 Sep 2025 14:58	AR1260 Hit	YP/AJ	Ok
20	Q3153-01	OR-500-COMP-39	PO113913.D	22 Sep 2025 15:34		YP/AJ	Ok
21	Q3153-05	OR-500-COMP-40	PO113914.D	22 Sep 2025 15:52		YP/AJ	Ok
22	Q3155-01	COMP-1	PO113915.D	22 Sep 2025 16:11		YP/AJ	Ok
23	Q3155-02	COMP-2	PO113916.D	22 Sep 2025 16:29		YP/AJ	Ok
24	Q3155-03	COMP-3	PO113917.D	22 Sep 2025 16:48		YP/AJ	Ok,M
25	Q3157-01	20-DEAD-1	PO113918.D	22 Sep 2025 17:06		YP/AJ	Ok
26	AR1660CCC500	AR1660CCC500	PO113919.D	22 Sep 2025 18:07		YP/AJ	Ok
27	AR1242CCC500	AR1242CCC500	PO113920.D	22 Sep 2025 18:44		YP/AJ	Ok
28	AR1248CCC500	AR1248CCC500	PO113921.D	22 Sep 2025 19:01		YP/AJ	Ok
29	AR1254CCC500	AR1254CCC500	PO113922.D	22 Sep 2025 19:20		YP/AJ	Ok
30	I.BLK	I.BLK	PO113923.D	22 Sep 2025 19:38		YP/AJ	Ok
31	Q3145-03	SP-B	PO113924.D	22 Sep 2025 19:57		YP/AJ	Ok
32	Q3150-01	MER Rd Con Ed	PO113925.D	22 Sep 2025 20:14		YP/AJ	Ok,M
33	Q3150-03	Mid Site Grid 5-7	PO113926.D	22 Sep 2025 20:33		YP/AJ	Ok,M
34	Q3151-01	MH-OIL	PO113927.D	22 Sep 2025 20:51		YP/AJ	Ok,M
35	Q3145-01	SP-A	PO113928.D	22 Sep 2025 21:10		YP/AJ	Ok
36	PB169769BL	PB169769BL	PO113929.D	22 Sep 2025 21:28		YP/AJ	Ok
37	PB169769BS	PB169769BS	PO113930.D	22 Sep 2025 21:45		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO092225

Review By	yogesh	Review On	9/22/2025 10:34:05 AM
Supervise By	mohammad	Supervise On	9/24/2025 2:24:23 AM
SubDirectory	PO092225	HP Acquire Method	HP Processing Method PO091925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	Q3114-01	TRE-25-0100	PO113931.D	22 Sep 2025 22:04	AR1254 Hit	YP/AJ	Ok,M
39	Q3119-01	50798	PO113932.D	22 Sep 2025 22:22	AR1242 Hit	YP/AJ	Ok
40	Q3119-02	50799	PO113933.D	22 Sep 2025 22:41	AR1242 Hit	YP/AJ	Ok
41	AR1660CCC500	AR1660CCC500	PO113934.D	22 Sep 2025 23:42		YP/AJ	Ok,M
42	AR1242CCC500	AR1242CCC500	PO113935.D	23 Sep 2025 00:37		YP/AJ	Ok
43	AR1248CCC500	AR1248CCC500	PO113936.D	23 Sep 2025 00:56		YP/AJ	Ok
44	AR1254CCC500	AR1254CCC500	PO113937.D	23 Sep 2025 01:14		YP/AJ	Ok
45	I.BLK	I.BLK	PO113938.D	23 Sep 2025 01:32		YP/AJ	Ok
46	Q3136-05DL	34926DL	PO113939.D	23 Sep 2025 01:50	AR1254 + AR1260 Hit, eed to confirm	YP/AJ	Not Ok
47	PB169767BL	PB169767BL	PO113940.D	23 Sep 2025 02:08		YP/AJ	Ok
48	PB169767BS	PB169767BS	PO113941.D	23 Sep 2025 02:26		YP/AJ	Ok
49	PB169767BSD	PB169767BSD	PO113942.D	23 Sep 2025 02:45		YP/AJ	Ok
50	Q3135-01	MH-121	PO113943.D	23 Sep 2025 03:02		YP/AJ	Ok
51	Q3138-05	MOO-25-0264	PO113944.D	23 Sep 2025 03:20		YP/AJ	Ok,M
52	Q3138-06	MOO-25-0242	PO113945.D	23 Sep 2025 03:38		YP/AJ	Ok,M
53	Q3139-01	LAW-25-0140	PO113946.D	23 Sep 2025 03:56		YP/AJ	Ok,M
54	Q3151-02	1402	PO113947.D	23 Sep 2025 04:15		YP/AJ	Ok
55	AR1660CCC500	AR1660CCC500	PO113948.D	23 Sep 2025 05:16		YP/AJ	Ok,M
56	AR1242CCC500	AR1242CCC500	PO113949.D	23 Sep 2025 06:10		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO092225

Review By	yogesh	Review On	9/22/2025 10:34:05 AM
Supervise By	mohammad	Supervise On	9/24/2025 2:24:23 AM
SubDirectory	PO092225	HP Acquire Method	HP Processing Method PO091925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

57	AR1248CCC500	AR1248CCC500	PO113950.D	23 Sep 2025 06:29		YP/AJ	Ok
58	AR1254CCC500	AR1254CCC500	PO113951.D	23 Sep 2025 06:47		YP/AJ	Ok,M
59	I.BLK	I.BLK	PO113952.D	23 Sep 2025 07:06		YP/AJ	Ok
60	PB169771BL	PB169771BL	PO113953.D	23 Sep 2025 07:24		YP/AJ	Ok
61	PB169771BS	PB169771BS	PO113954.D	23 Sep 2025 07:43		YP/AJ	Ok
62	PB169757BL	PB169757BL	PO113955.D	23 Sep 2025 08:01		YP/AJ	Ok
63	PB169757BS	PB169757BS	PO113956.D	23 Sep 2025 08:20		YP/AJ	Ok
64	AR1660CCC500	AR1660CCC500	PO113957.D	23 Sep 2025 08:56		YP/AJ	Ok,M
65	I.BLK	I.BLK	PO113958.D	23 Sep 2025 09:14		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ091025

Review By	yogesh	Review On	9/10/2025 11:13:51 AM
Supervise By	mohammad	Supervise On	9/15/2025 2:23:00 AM
SubDirectory	PQ091025	HP Acquire Method	HP Processing Method PQ091025

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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
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	PQ070787.D	10 Sep 2025 08:56		YP\AJ	Ok
2	I.BLK	I.BLK	PQ070788.D	10 Sep 2025 09:10		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PQ070789.D	10 Sep 2025 09:25		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PQ070790.D	10 Sep 2025 09:39		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PQ070791.D	10 Sep 2025 09:54		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PQ070792.D	10 Sep 2025 10:09		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PQ070793.D	10 Sep 2025 10:23		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PQ070794.D	10 Sep 2025 10:38		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PQ070795.D	10 Sep 2025 10:52		YP\AJ	Ok
10	AR1242ICC500	AR1242ICC500	PQ070796.D	10 Sep 2025 11:07		YP\AJ	Ok
11	AR1248ICC500	AR1248ICC500	PQ070797.D	10 Sep 2025 11:21		YP\AJ	Ok
12	AR1254ICC500	AR1254ICC500	PQ070798.D	10 Sep 2025 11:36		YP\AJ	Ok
13	AR1262ICC500	AR1262ICC500	PQ070799.D	10 Sep 2025 11:51		YP\AJ	Ok
14	AR1268ICC500	AR1268ICC500	PQ070800.D	10 Sep 2025 12:05		YP\AJ	Ok
15	PQ091025ICV500	ICVPQ091025	PQ070801.D	10 Sep 2025 12:20		YP\AJ	Ok
16	AR1660CCC500	AR1660CCC500	PQ070802.D	10 Sep 2025 12:39		YP\AJ	Ok,M
17	I.BLK	I.BLK	PQ070803.D	10 Sep 2025 12:54		YP\AJ	Ok
18	PB169532BL	PB169532BL	PQ070804.D	10 Sep 2025 13:15		YP\AJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ091025

Review By	yogesh	Review On	9/10/2025 11:13:51 AM
Supervise By	mohammad	Supervise On	9/15/2025 2:23:00 AM
SubDirectory	PQ091025	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070805.D	10 Sep 2025 13:29	AR1660 SOIL LOD 25PPB	YPIAJ	Ok,M
20	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070806.D	10 Sep 2025 13:44	AR1221 SOIL LOD 25PPB	YPIAJ	Ok,M
21	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070807.D	10 Sep 2025 13:58	AR1232 SOIL LOD 25PPB	YPIAJ	Ok
22	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070808.D	10 Sep 2025 14:13	AR1242 SOIL LOD 25PPB	YPIAJ	Ok
23	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070809.D	10 Sep 2025 14:28	AR1248 SOIL LOD 25PPB	YPIAJ	Ok
24	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070810.D	10 Sep 2025 14:42	AR1254 SOIL LOD 25PPB	YPIAJ	Ok
25	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070811.D	10 Sep 2025 14:57	AR1262 SOIL LOD 25PPB	YPIAJ	Ok
26	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070812.D	10 Sep 2025 15:11	AR1268 SOIL LOD 25PPB	YPIAJ	Ok,M
27	AR1660CCC500	AR1660CCC500	PQ070813.D	10 Sep 2025 15:41		YPIAJ	Ok
28	I.BLK	I.BLK	PQ070814.D	10 Sep 2025 15:55		YPIAJ	Ok
29	PB169530BL	PB169530BL	PQ070815.D	10 Sep 2025 16:10		YPIAJ	Ok
30	Q2893-07	LOD-MDL-WATER-01-QT	PQ070816.D	10 Sep 2025 16:24	AR1660 WATER LOD 25PPB	YPIAJ	Ok
31	Q2893-07	LOD-MDL-WATER-01-QT	PQ070817.D	10 Sep 2025 16:39	AR1221 WATER LOD 25PPB	YPIAJ	Ok,M
32	Q2893-07	LOD-MDL-WATER-01-QT	PQ070818.D	10 Sep 2025 16:54	AR1232 WATER LOD 25PPB	YPIAJ	Ok
33	Q2893-07	LOD-MDL-WATER-01-QT	PQ070819.D	10 Sep 2025 17:08	AR1242 WATER LOD 25PPB	YPIAJ	Ok
34	Q2893-07	LOD-MDL-WATER-01-QT	PQ070820.D	10 Sep 2025 17:23	AR1248 WATER LOD 25PPB	YPIAJ	Ok,M
35	Q2893-07	LOD-MDL-WATER-01-QT	PQ070821.D	10 Sep 2025 17:37	AR1254 WATER LOD 25PPB	YPIAJ	Ok
36	Q2893-07	LOD-MDL-WATER-01-QT	PQ070822.D	10 Sep 2025 17:52	AR1262 WATER LOD 25PPB	YPIAJ	Ok,M
37	Q2893-07	LOD-MDL-WATER-01-QT	PQ070823.D	10 Sep 2025 18:06	AR1268 WATER LOD 25PPB	YPIAJ	Ok,M

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ091025

Review By	yogesh	Review On	9/10/2025 11:13:51 AM
Supervise By	mohammad	Supervise On	9/15/2025 2:23:00 AM
SubDirectory	PQ091025	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	AR1660CCC500	AR1660CCC500	PQ070824.D	10 Sep 2025 18:36		YPIAJ	Ok
39	I.BLK	I.BLK	PQ070825.D	10 Sep 2025 19:05		YPIAJ	Ok
40	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070826.D	10 Sep 2025 19:19	AR1660 SOIL LOD 40PPB	YPIAJ	Ok
41	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070827.D	10 Sep 2025 19:34	AR1221 SOIL LOD 40PPB	YPIAJ	Ok
42	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070828.D	10 Sep 2025 19:49	AR1232 SOIL LOD 40PPB	YPIAJ	Ok
43	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070829.D	10 Sep 2025 20:03	AR1242 SOIL LOD 40PPB	YPIAJ	Ok
44	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070830.D	10 Sep 2025 20:18	AR1248 SOIL LOD 40PPB	YPIAJ	Ok
45	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070831.D	10 Sep 2025 20:33	AR1254 SOIL LOD 40PPB	YPIAJ	Ok
46	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070832.D	10 Sep 2025 20:47	AR1262 SOIL LOD 40PPB	YPIAJ	Ok,M
47	Q2893-01	LOD-MDL-SOIL-01-QT	PQ070833.D	10 Sep 2025 21:02	AR1268 SOIL LOD 40PPB	YPIAJ	Ok,M
48	AR1660CCC500	AR1660CCC500	PQ070834.D	10 Sep 2025 22:00		YPIAJ	Ok
49	I.BLK	I.BLK	PQ070835.D	10 Sep 2025 22:29		YPIAJ	Ok
50	Q2893-07	LOD-MDL-WATER-01-QT	PQ070836.D	10 Sep 2025 22:44	AR1660 WATER LOD 40PPB	YPIAJ	Ok
51	Q2893-07	LOD-MDL-WATER-01-QT	PQ070837.D	10 Sep 2025 22:58	AR1221 WATER LOD 40PPB	YPIAJ	Ok
52	Q2893-07	LOD-MDL-WATER-01-QT	PQ070838.D	10 Sep 2025 23:13	AR1232 WATER LOD 40PPB	YPIAJ	Ok
53	Q2893-07	LOD-MDL-WATER-01-QT	PQ070839.D	10 Sep 2025 23:28	AR1242 WATER LOD 40PPB	YPIAJ	Ok
54	Q2893-07	LOD-MDL-WATER-01-QT	PQ070840.D	10 Sep 2025 23:42	AR1248 WATER LOD 40PPB	YPIAJ	Ok
55	Q2893-07	LOD-MDL-WATER-01-QT	PQ070841.D	10 Sep 2025 23:57	AR1254 WATER LOD 40PPB	YPIAJ	Ok
56	Q2893-07	LOD-MDL-WATER-01-QT	PQ070842.D	11 Sep 2025 00:11	AR1262 WATER LOD 40PPB	YPIAJ	Ok,M

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ091025

Review By	yogesh	Review On	9/10/2025 11:13:51 AM
Supervise By	mohammad	Supervise On	9/15/2025 2:23:00 AM
SubDirectory	PQ091025	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

57	Q2893-07	LOD-MDL-WATER-01-0	PQ070843.D	11 Sep 2025 00:26	AR1268 WATER LOD 40PPB	YPIAJ	Ok,M
58	AR1660CCC500	AR1660CCC500	PQ070844.D	11 Sep 2025 01:24		YPIAJ	Ok
59	I.BLK	I.BLK	PQ070845.D	11 Sep 2025 01:54		YPIAJ	Ok
60	PB169550BL	PB169550BL	PQ070846.D	11 Sep 2025 03:21		YPIAJ	Ok
61	Q2893-03	MDL-SOIL-03-QT3-202	PQ070847.D	11 Sep 2025 03:36	AR1660 SOIL MDL 25PPB	YPIAJ	Ok,M
62	Q2893-03	MDL-SOIL-03-QT3-202	PQ070848.D	11 Sep 2025 03:50	AR1221 SOIL MDL 25PPB	YPIAJ	Ok,M
63	Q2893-03	MDL-SOIL-03-QT3-202	PQ070849.D	11 Sep 2025 04:05	AR1232 SOIL MDL 25PPB	YPIAJ	Ok,M
64	Q2893-03	MDL-SOIL-03-QT3-202	PQ070850.D	11 Sep 2025 04:19	AR1242 SOIL MDL 25PPB	YPIAJ	Ok
65	Q2893-03	MDL-SOIL-03-QT3-202	PQ070851.D	11 Sep 2025 04:34	AR1248 SOIL MDL 25PPB	YPIAJ	Ok,M
66	Q2893-03	MDL-SOIL-03-QT3-202	PQ070852.D	11 Sep 2025 04:49	AR1254 SOIL MDL 25PPB	YPIAJ	Ok
67	Q2893-03	MDL-SOIL-03-QT3-202	PQ070853.D	11 Sep 2025 05:03	AR1262 SOIL MDL 25PPB	YPIAJ	Ok,M
68	Q2893-03	MDL-SOIL-03-QT3-202	PQ070854.D	11 Sep 2025 05:18	AR1268 SOIL MDL 25PPB	YPIAJ	Ok,M
69	AR1660CCC500	AR1660CCC500	PQ070855.D	11 Sep 2025 06:16		YPIAJ	Ok
70	I.BLK	I.BLK	PQ070856.D	11 Sep 2025 06:45		YPIAJ	Ok
71	PB169548BL	PB169548BL	PQ070857.D	11 Sep 2025 07:00		YPIAJ	Ok
72	Q2893-09	MDL-WATER-03-QT3-2	PQ070858.D	11 Sep 2025 07:15	AR1660 WATER MDL 25PPB	YPIAJ	Ok,M
73	Q2893-09	MDL-WATER-03-QT3-2	PQ070859.D	11 Sep 2025 07:29	AR1221 WATER MDL 25PPB	YPIAJ	Ok,M
74	Q2893-09	MDL-WATER-03-QT3-2	PQ070860.D	11 Sep 2025 07:44	AR1232 WATER MDL 25PPB	YPIAJ	Ok,M
75	Q2893-09	MDL-WATER-03-QT3-2	PQ070861.D	11 Sep 2025 07:58	AR1242 WATER MDL 25PPB	YPIAJ	Ok,M

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ091025

Review By	yogesh	Review On	9/10/2025 11:13:51 AM
Supervise By	mohammad	Supervise On	9/15/2025 2:23:00 AM
SubDirectory	PQ091025	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
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			

76	Q2893-09	MDL-WATER-03-QT3-2	PQ070862.D	11 Sep 2025 08:13	AR1248 WATER MDL 25PPB	YPIAJ	Ok,M
77	Q2893-09	MDL-WATER-03-QT3-2	PQ070863.D	11 Sep 2025 08:27	AR1254 WATER MDL 25PPB	YPIAJ	Ok,M
78	Q2893-09	MDL-WATER-03-QT3-2	PQ070864.D	11 Sep 2025 08:42	AR1262 WATER MDL 25PPB	YPIAJ	Ok,M
79	Q2893-09	MDL-WATER-03-QT3-2	PQ070865.D	11 Sep 2025 08:57	AR1268 WATER MDL 25PPB	YPIAJ	Ok,M
80	AR1660CCC500	AR1660CCC500	PQ070866.D	11 Sep 2025 09:55		YPIAJ	Ok
81	I.BLK	I.BLK	PQ070867.D	11 Sep 2025 10:10		YPIAJ	Ok
82	Q2893-02	LOQ-SOIL-02-QT3-202	PQ070868.D	11 Sep 2025 10:24	AR1660 SOIL LOQ 50PPB	YPIAJ	Ok
83	Q2893-02	LOQ-SOIL-02-QT3-202	PQ070869.D	11 Sep 2025 10:39	AR1221 SOIL LOQ 50PPB	YPIAJ	Ok
84	Q2893-02	LOQ-SOIL-02-QT3-202	PQ070870.D	11 Sep 2025 10:53	AR1232 SOIL LOQ 50PPB	YPIAJ	Ok
85	Q2893-02	LOQ-SOIL-02-QT3-202	PQ070871.D	11 Sep 2025 11:08	AR1242 SOIL LOQ 50PPB	YPIAJ	Ok
86	Q2893-02	LOQ-SOIL-02-QT3-202	PQ070872.D	11 Sep 2025 11:23	AR1248 SOIL LOQ 50PPB	YPIAJ	Ok
87	Q2893-02	LOQ-SOIL-02-QT3-202	PQ070873.D	11 Sep 2025 11:37	AR1254 SOIL LOQ 50PPB	YPIAJ	Ok
88	Q2893-02	LOQ-SOIL-02-QT3-202	PQ070874.D	11 Sep 2025 11:52	AR1262 SOIL LOQ 50PPB	YPIAJ	Ok
89	Q2893-02	LOQ-SOIL-02-QT3-202	PQ070875.D	11 Sep 2025 12:06	AR1268 SOIL LOQ 50PPB	YPIAJ	Ok
90	AR1660CCC500	AR1660CCC500	PQ070876.D	11 Sep 2025 12:36		YPIAJ	Ok
91	I.BLK	I.BLK	PQ070877.D	11 Sep 2025 12:50		YPIAJ	Ok
92	Q2893-08	LOQ-WATER-02-QT3-2	PQ070878.D	11 Sep 2025 13:05	AR1660 water LOQ 50PPB	YPIAJ	Ok
93	Q2893-08	LOQ-WATER-02-QT3-2	PQ070879.D	11 Sep 2025 13:19	AR1221 water LOQ 50PPB	YPIAJ	Ok,M
94	Q2893-08	LOQ-WATER-02-QT3-2	PQ070880.D	11 Sep 2025 13:34	AR1232 water LOQ 50PPB	YPIAJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ091025

Review By	yogesh	Review On	9/10/2025 11:13:51 AM
Supervise By	mohammad	Supervise On	9/15/2025 2:23:00 AM
SubDirectory	PQ091025	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
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			

95	Q2893-08	LOQ-WATER-02-QT3-2	PQ070881.D	11 Sep 2025 13:49	AR1242 water LOQ 50PPB	YPIAJ	Ok
96	Q2893-08	LOQ-WATER-02-QT3-2	PQ070882.D	11 Sep 2025 14:03	AR1248 water LOQ 50PPB	YPIAJ	Ok
97	Q2893-08	LOQ-WATER-02-QT3-2	PQ070883.D	11 Sep 2025 14:18	AR1254 water LOQ 50PPB	YPIAJ	Ok
98	Q2893-08	LOQ-WATER-02-QT3-2	PQ070884.D	11 Sep 2025 14:32	AR1262 water LOQ 50PPB	YPIAJ	Ok
99	Q2893-08	LOQ-WATER-02-QT3-2	PQ070885.D	11 Sep 2025 14:47	AR1268 water LOQ 50PPB	YPIAJ	Ok
100	AR1660CCC500	AR1660CCC500	PQ070886.D	11 Sep 2025 15:02		YPIAJ	Ok
101	I.BLK	I.BLK	PQ070887.D	11 Sep 2025 15:16		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ092225

Review By	yogesh	Review On	9/22/2025 10:34:56 AM
Supervise By	mohammad	Supervise On	9/24/2025 2:24:30 AM
SubDirectory	PQ092225	HP Acquire Method	HP Processing Method PQ091025

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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
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	PQ070920.D	22 Sep 2025 08:48		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ070921.D	22 Sep 2025 09:02		YP\AJ	Ok
3	I.BLK	I.BLK	PQ070922.D	22 Sep 2025 09:50		YP\AJ	Ok
4	Q3147-06DL	S-6DL	PQ070923.D	22 Sep 2025 10:23	AR1260 Hit	YP\AJ	Ok
5	Q3147-27DL	S-27DL	PQ070924.D	22 Sep 2025 10:38	AR1260 Hit	YP\AJ	Ok
6	Q3147-12	S-12	PQ070925.D	22 Sep 2025 10:52	AR1260 Hit	YP\AJ	Ok
7	Q3147-13	S-13	PQ070926.D	22 Sep 2025 11:07	AR1260 Hit	YP\AJ	Ok
8	Q3147-14	S-14	PQ070927.D	22 Sep 2025 11:21	AR1260 Hit	YP\AJ	Ok
9	Q3147-15	S-15	PQ070928.D	22 Sep 2025 11:36	AR1260 Hit, Need more dilution	YP\AJ	Dilution
10	Q3147-16	S-16	PQ070929.D	22 Sep 2025 11:51	AR1260 Hit, Need more dilution	YP\AJ	Dilution
11	Q3147-17	S-17	PQ070930.D	22 Sep 2025 12:05	AR1260 Hit	YP\AJ	Ok
12	Q3147-18	S-18	PQ070931.D	22 Sep 2025 12:20	AR1260 Hit, Need more dilution	YP\AJ	Dilution
13	Q3147-19	S-19	PQ070932.D	22 Sep 2025 12:34	AR1260 Hit	YP\AJ	Ok
14	AR1660CCC500	AR1660CCC500	PQ070933.D	22 Sep 2025 13:19		YP\AJ	Ok
15	I.BLK	I.BLK	PQ070934.D	22 Sep 2025 13:34		YP\AJ	Ok
16	Q3147-20	S-20	PQ070935.D	22 Sep 2025 13:49	AR1260 Hit, Need more dilution	YP\AJ	Dilution
17	Q3147-09DL	S-9DL	PQ070936.D	22 Sep 2025 14:04	AR1260 Hit, Not Required	YP\AJ	Not Ok
18	Q3147-16DL	S-16DL	PQ070937.D	22 Sep 2025 14:18	AR1260 Hit	YP\AJ	Ok,M

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ092225

Review By	yogesh	Review On	9/22/2025 10:34:56 AM
Supervise By	mohammad	Supervise On	9/24/2025 2:24:30 AM
SubDirectory	PQ092225	HP Acquire Method	HP Processing Method PQ091025
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3147-18DL	S-18DL	PQ070938.D	22 Sep 2025 14:33	AR1260 Hit	YPIAJ	Ok
20	Q3147-15DL	S-15DL	PQ070939.D	22 Sep 2025 14:47	AR1260 Hit	YPIAJ	Ok
21	Q3147-20DL	S-20DL	PQ070940.D	22 Sep 2025 15:02	AR1260 Hit	YPIAJ	Ok
22	Q3152-01	EO-02-091925	PQ070941.D	22 Sep 2025 15:31		YPIAJ	Ok,M
23	Q3152-01MS	EO-02-091925MS	PQ070942.D	22 Sep 2025 15:46		YPIAJ	Ok,M
24	Q3152-01MSD	EO-02-091925MSD	PQ070943.D	22 Sep 2025 16:00		YPIAJ	Ok,M
25	AR1660CCC500	AR1660CCC500	PQ070944.D	22 Sep 2025 18:02	DCB low in second column	YPIAJ	Ok
26	I.BLK	I.BLK	PQ070945.D	22 Sep 2025 18:31		YPIAJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137247

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
Q3143-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q3143-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3143-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q3143-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q3143-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3143-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q3145-01	SP-A	7	1.14	10.75	11.89	10.28	85.0	
Q3145-02	SP-A-EPH-2	8	1.19	10.41	11.6	10.1	85.6	
Q3145-03	SP-B	9	1.19	10.10	11.29	9.75	84.8	
Q3145-04	SP-B-EPH-2	10	1.13	10.64	11.77	10.28	86.0	
Q3146-01	MECHANIC-ST-PAINT-CHIP S	11	1.00	1.00	2.00	2.00	100.0	PAINT CHIPS SAMPLE
Q3147-01	S-1	12	1.18	10.22	11.4	10.7	93.2	
Q3147-02	S-2	13	1.16	10.55	11.71	10.8	91.4	
Q3147-03	S-3	14	1.19	10.42	11.61	10.84	92.6	
Q3147-04	S-4	15	1.16	10.21	11.37	10.34	89.9	
Q3147-05	S-5	16	1.19	10.13	11.32	10.6	92.9	
Q3147-06	S-6	17	1.19	10.36	11.55	10.74	92.2	
Q3147-07	S-7	18	1.19	10.72	11.91	11.00	91.5	
Q3147-08	S-8	19	1.16	10.55	11.71	10.7	90.4	
Q3147-09	S-9	20	1.19	10.28	11.47	10.55	91.1	
Q3147-10	S-10	21	1.19	10.77	11.96	11.32	94.1	
Q3147-11	S-11	22	1.17	10.58	11.75	10.97	92.6	
Q3147-12	S-12	23	1.13	10.67	11.8	10.88	91.4	
Q3147-13	S-13	24	1.19	10.70	11.89	11.15	93.1	
Q3147-14	S-14	25	1.19	10.39	11.58	10.85	93.0	
Q3147-15	S-15	26	1.11	10.77	11.88	10.96	91.5	
Q3147-16	S-16	27	1.19	10.32	11.51	10.47	89.9	
Q3147-17	S-17	28	1.15	10.58	11.73	10.8	91.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137247

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
Q3147-18	S-18	29	1.18	10.70	11.88	10.95	91.3	
Q3147-19	S-19	30	1.14	10.92	12.06	11.17	91.8	
Q3147-20	S-20	31	1.15	11.56	12.71	11.72	91.4	
Q3147-21	S-21	32	1.18	10.61	11.79	10.96	92.2	
Q3147-22	S-22	33	1.19	11.06	12.25	11.15	90.1	
Q3147-23	S-23	34	1.15	10.40	11.55	10.6	90.9	
Q3147-24	S-24	35	1.19	10.75	11.94	11.14	92.6	
Q3147-25	S-25	36	1.18	10.24	11.42	10.72	93.2	
Q3147-26	S-26	37	1.15	10.35	11.5	11.04	95.6	
Q3147-27	S-27	38	1.15	10.26	11.41	10.27	88.9	
Q3147-28	S-28	39	1.16	11.34	12.5	11.72	93.1	
Q3147-29	S-29	40	1.19	11.23	12.42	11.42	91.1	
Q3147-30	S-30	41	1.13	10.34	11.47	10.94	94.9	
Q3147-31	S-31	42	1.15	11.25	12.4	11.9	95.6	
Q3147-32	S-32	43	1.15	10.91	12.06	11.51	95.0	
Q3150-01	MER Rd Con Ed	44	1.15	10.51	11.66	10.67	90.6	
Q3150-02	MER Rd Con Ed	45	1.15	10.51	11.66	10.67	90.6	
Q3150-03	Mid Site Grid 5-7	46	1.16	10.02	11.18	8.85	76.7	
Q3150-04	Mid Site Grid 5-7	47	1.16	10.02	11.18	8.85	76.7	
Q3151-01	MH-OIL	48	1.00	1.00	2.00	2.00	100.0	oil sample
Q3152-01	EO-02-091925	49	1.14	10.86	12.00	11.16	92.3	
Q3152-02	EO-02-091925-E2	50	1.14	10.38	11.52	10.64	91.5	
Q3153-01	OR-500-COMP-39	51	1.18	10.64	11.82	11.07	93.0	
Q3153-02	OR-500-VOC-115	52	1.17	10.52	11.69	11.13	94.7	
Q3153-03	OR-500-115	53	1.19	10.49	11.68	10.88	92.4	
Q3153-05	OR-500-COMP-40	54	1.19	10.15	11.34	10.00	86.8	
Q3153-06	OR-500-VOC-116	55	1.14	10.30	11.44	10.41	90.0	
Q3153-07	OR-500-116	56	1.13	10.37	11.5	10.15	87.0	



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137247

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
Q3155-01	COMP-1	57	1.11	10.26	11.37	10.12	87.8	
Q3155-02	COMP-2	58	1.14	10.30	11.44	10.52	91.1	
Q3155-03	COMP-3	59	1.18	10.23	11.41	10.57	91.8	
Q3157-01	20-DEAD-1	60	1.19	10.91	12.1	11.11	90.9	

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

WORKLIST(Hardcopy Internal Chain)

W 13247

WorkList Name : %1-091925

WorkList ID : 191953

Department : Wet-Chemistry

Date : 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3143-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3145-01	SP-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-02	SP-A-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-03	SP-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-04	SP-B-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3146-01	MECHANIC-ST-PAINT-CHIPS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	09/19/2025	Chemtech -SO
Q3147-01	S-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-02	S-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-03	S-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-04	S-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-05	S-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-06	S-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-07	S-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-08	S-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-09	S-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-10	S-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO

Date/Time 09-19-25 15:00

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

Date/Time 09-19-25

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

WORKLIST(Hardcopy Internal Chain)

13247

WorkList Name : %1-091925

WorkList ID : 191953

Department : Wet-Chemistry

Date : 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3147-11	S-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-12	S-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-13	S-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-14	S-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-15	S-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-16	S-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-17	S-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-18	S-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-19	S-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-20	S-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-21	S-21	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-22	S-22	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-23	S-23	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-24	S-24	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-25	S-25	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-26	S-26	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-27	S-27	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-28	S-28	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-29	S-29	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-30	S-30	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-31	S-31	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO

Date/Time 09-19-25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 09-19-25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

W 13247

WorkList Name : %1-091925 WorkList ID : 191953 Department : Wet-Chemistry Date : 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3147-32	S-32	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3150-01	MER Rd Con Ed	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-02	MER Rd Con Ed	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-03	Mid Site Grid 5-7	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-04	Mid Site Grid 5-7	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3151-01	MH-OIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3152-01	EO-02-091925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/19/2025	Chemtech -SO
Q3152-02	EO-02-091925-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/19/2025	Chemtech -SO
Q3153-01	OR-500-COMP-39	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-02	OR-500-VOC-115	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-03	OR-500-115	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-05	OR-500-COMP-40	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-06	OR-500-VOC-116	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-07	OR-500-116	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3155-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3155-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3155-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3157-01	20-DEAD-1	Solid	Percent Solids	Cool 4 deg C	ALWA01	D31	09/19/2025	Chemtech -SO

Date/Time 09-19-25 15:00

Raw Sample Received by: JP WPC

Raw Sample Relinquished by: JP WPC

Date/Time 09-19-25 17:20

Raw Sample Received by: JP WPC

Raw Sample Relinquished by: JP WPC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 09/22/2025

Matrix : Solid

Extraction Start Time : 08:40

Weigh By: EH

Extraction By: RJ

Extraction End Date : 09/22/2025

Balance check: EH

Filter By: RJ

Extraction End Time : 11:55

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : ritesh

Extraction Method: ☐ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24930
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	EP2643
Baked Na2SO4	N/A	EP2639
Hexane	N/A	E3971
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 # 03-40BTS721.Q3151-01 used Limited volume as sample is oil.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

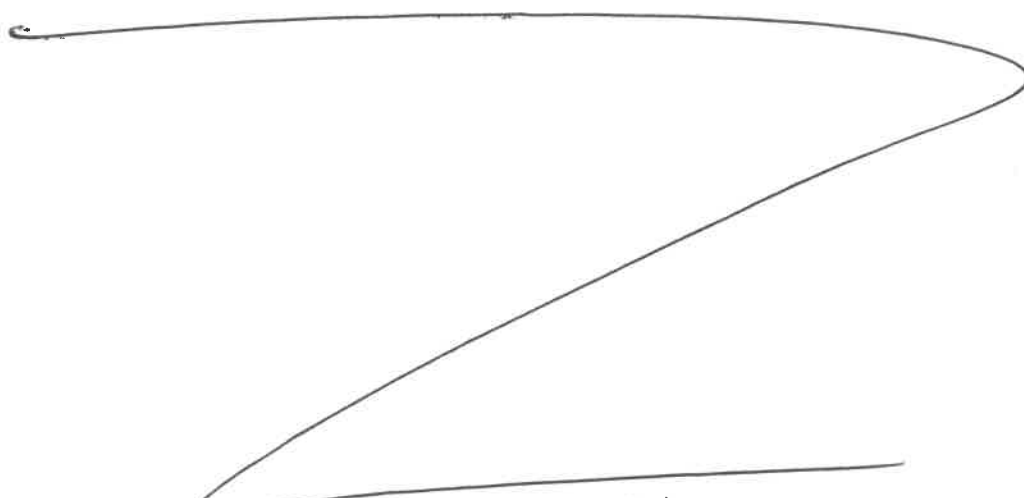
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/22/25 12:00	RJ (EH-106) Preparation Group	YP/Rest PCB Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 09/22/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169771BL	ABLK771	PCB	30.01	N/A	Evelyn	ritesh	10			U6-1
PB169771BS	ALCS771	PCB	30.03	N/A	Evelyn	ritesh	10			2
Q3145-01	SP-A	PCB	30.06	N/A	Evelyn	ritesh	10	E		3
Q3145-03	SP-B	PCB	30.03	N/A	Evelyn	ritesh	10	E		4
Q3150-01	MER RD CON ED	PCB	30.08	N/A	Evelyn	ritesh	10			5
Q3150-03	MID SITE GRID 5-7	PCB	30.07	N/A	Evelyn	ritesh	10			6
Q3151-01	MH-OIL	PCB	1.05	N/A	Evelyn	ritesh	10		Oil	
Q3152-01	EO-02-091925	PCB	30.02	N/A	Evelyn	ritesh	10	E		U1-1
Q3152-01MS	EO-02-091925MS	PCB	30.04	N/A	Evelyn	ritesh	10	E		2
Q3152-01MS D	EO-02-091925MSD	PCB	30.05	N/A	Evelyn	ritesh	10	E		3
Q3153-01	OR-500-COMP-39	PCB	30.03	N/A	Evelyn	ritesh	10	D		4
Q3153-05	OR-500-COMP-40	PCB	30.06	N/A	Evelyn	ritesh	10	D		5
Q3155-01	COMP-1	PCB Group1	30.01	N/A	Evelyn	ritesh	10	E		6
Q3155-02	COMP-2	PCB Group1	30.09	N/A	Evelyn	ritesh	10	E		U2-1
Q3155-03	COMP-3	PCB Group1	30.08	N/A	Evelyn	ritesh	10	E		2
Q3157-01	20-DEAD-1	PCB	30.03	N/A	Evelyn	ritesh	10	E		3



RS
9/22

164771
14169

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3152 WorkList ID : 191984 Department : Extraction Date : 09-22-2025 08:35:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3145-01	SP-A	Solid	PCB	Cool 4 deg C	PSEG03	D31	09/19/2025	8082A
Q3145-03	SP-B	Solid	PCB	Cool 4 deg C	PSEG03	D31	09/19/2025	8082A
Q3150-01	MER Rd Con Ed	Solid	PCB	Cool 4 deg C	SCAL01	J23	09/18/2025	8082A
Q3150-03	Mid Site Grid 5-7	Solid	PCB	Cool 4 deg C	SCAL01	J23	09/18/2025	8082A
Q3151-01	MH-OIL	Solid	PCB	Cool 4 deg C	PSEG03	D31	09/19/2025	8082A
Q3152-01	EO-02-091925	Solid	PCB	Cool 4 deg C	PSEG05	D31	09/19/2025	8082A
Q3153-01	OR-500-COMP-39	Solid	PCB	Cool 4 deg C	PSEG03	D31	09/19/2025	8082A
Q3153-05	OR-500-COMP-40	Solid	PCB	Cool 4 deg C	PSEG03	D31	09/19/2025	8082A
Q3155-01	COMP-1	Solid	PCB Group1	Cool 4 deg C	POWE02	D41	09/19/2025	8082A
Q3155-02	COMP-2	Solid	PCB Group1	Cool 4 deg C	POWE02	D41	09/19/2025	8082A
Q3155-03	COMP-3	Solid	PCB Group1	Cool 4 deg C	POWE02	D41	09/19/2025	8082A
Q3157-01	20-DEAD-1	Solid	PCB	Cool 4 deg C	ALWA01	D31	09/19/2025	8082A

Date/Time 9/22/25 8:35
Raw Sample Received by: R3 CEN-0661
Raw Sample Relinquished by: [Signature]

Date/Time 9/22/25 9:05
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: R3 CEN-0661

Prep Standard - Chemical Standard Summary

Order ID : Q3155

Test : PCB Group1

Prepbatch ID : PB169771,

Sequence ID/Qc Batch ID: po092225,PQ092225,

Standard ID :

EP2610,EP2639,EP2643,PP24329,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,PP24387,PP24663,PP24805,PP24806,PP24807,PP24808,PP24809,PP24810,PP24811,PP24812,PP24814,PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862,PP24930,

Chemical ID :

E3804,E3875,E3877,E3944,E3951,E3962,E3963,E3971,E3972,M6157,P11522,P11592,P12699,P12700,P12702,P12703,P12931,P12936,P12949,P12952,P12953,P12957,P13356,P13373,P13375,P13381,P13589,P13590,P13591,P13592,P13695,P13697,P13702,P13706,P13786,P13789,P13830,P13833,P13878,P13879,P13881,P13883,P13885,W3112,W3177,W3234,



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
314	1.1 H2SO4 SOLN	EP2610	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SC ALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/07/2025
<u>FROM</u>	1000.00000ml of M6157 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml							

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2639	09/12/2025	01/28/2026	Riteshkumar Patel	Extraction_SC ALE_2 (EX-SC-2)	None	Evelyn Huang 09/12/2025
<u>FROM</u> 4000.00000gram of E3875 = Final Quantity: 4000.000 gram								

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
230	1:1ACETONE/HEXANE	EP2643	09/16/2025	03/16/2026	Evelyn Huang	None	None	Riteshkumar Patel
09/16/2025								

FROM 4000.00000ml of E3971 + 4000.00000ml of E3972 = Final Quantity: 8000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
04/03/2025								

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
203	AR1660 750 PPB STD	PP24331	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24330 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
204	AR1660 500 PPB STD	PP24332	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24330 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
205	AR1660 250 PPB STD	PP24333	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24330 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
206	AR1660 50 PPB STD	PP24334	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24332 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
213	AR1221 1000 PPB WORKING SOLUTION	PP24335	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13702 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1079	AR1221 750 PPB STD	PP24336	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24335 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
222	AR1221 500 PPB STD	PP24337	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24335 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1080	AR1221 250 PPB STD	PP24338	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24335 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1081	AR1221 50 PPB STD	PP24339	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24337 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
214	AR1232 1000 PPB WORKING SOLUTION	PP24340	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13878 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1063	AR1232 750 PPB STD	PP24341	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24340 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
223	AR1232 500 PPB STD	PP24342	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24340 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1064	AR1232 250 PPB STD	PP24343	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24340 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1065	AR1232 50 PPB STD	PP24344	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24342 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
215	AR1242 1000 PPB WORKING STD	PP24345	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P12931 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1067	AR1242 750 PPB STD	PP24346	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.75000ml of PP24345 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
224	AR1242 500 PPB STD	PP24347	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24345 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1068	AR1242 250 PPB STD	PP24348	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24345 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1069	AR1242 50 PPB STD	PP24349	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24347 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
216	AR1248 1000 PPB WORKING STD	PP24350	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P12936 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1075	AR1248 750 PPB STD	PP24351	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24350 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
225	AR1248 500 PPB STD	PP24352	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24350 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1076	AR1248 250 PPB STD	PP24353	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24350 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1077	AR1248 50 PPB STD	PP24354	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24352 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
217	AR1254 1000 PPB WORKING STD	PP24355	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13830 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1071	AR1254 750 PPB STD	PP24356	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24355 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
226	AR1254 500 PPB STD	PP24357	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24355 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1072	AR1254 250 PPB STD	PP24358	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24355 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1073	AR1254 50 PPB STD	PP24359	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24357 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1529	AR1262 1000 PPB Working Solution	PP24360	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13883 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3753	AR1262 750 PPB STD	PP24361	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24360 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1530	AR1262 500 PPB STD	PP24362	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24360 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3754	AR1262 250 PPB STD	PP24363	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24360 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3755	AR1262 50 PPB STD	PP24364	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24362 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1532	AR1268 1000 PPB Working Solution	PP24365	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13381 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3820	AR1268 750 PPB STD	PP24366	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24365 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1533	AR1268 500 PPB STD	PP24367	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24365 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3821	AR1268 250 PPB STD	PP24368	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24365 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3822	AR1268 50 PPB STD	PP24369	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24367 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
404	AR1660 100 PPM Stock Solution 2nd Source	PP24370	03/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12949 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
405	AR1660 1000/100 PPB ICV STD	PP24371	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 98.50000ml of W3177 + 0.50000ml of PP24329 + 1.00000ml of PP24370 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
406	AR1660 500 PPB ICV	PP24372	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24371 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24373	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P13373 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1886	AR1221 500 PPB ICV	PP24374	03/18/2025	08/12/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of E3877 + 0.50000ml of W3177 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24375	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P12699 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1888	AR1232 500 PPB ICV	PP24376	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24375 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24377	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P13589 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1891	AR1242 500 PPB ICV	PP24378	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24377 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24379	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P13591 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1892	AR1248 500 PPB ICV	PP24380	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24379 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1894	AR1254 500 PPB ICV	PP24382	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3757	AR1262 1000 PPB Working Solution second source	PP24384	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P12702 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3758	AR1262 500 PPB STD ICV	PP24385	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24384 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24386	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P11522 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3823	AR1268 500 PPB STD ICV	PP24387	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24386 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
465	200 PPB Pest/PCB Surrogate Spike	PP24663	06/24/2025	12/24/2025	Abdul Mirza	None	None	Yogesh Patel
								07/21/2025

FROM 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
84	Pest/PCB Surrogate Stock 20 PPM	PP24805	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13789 + 9.00000ml of E3962 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
213	AR1221 1000 PPB WORKING SOLUTION	PP24806	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13375 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
214	AR1232 1000 PPB WORKING SOLUTION	PP24807	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13879 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
215	AR1242 1000 PPB WORKING STD	PP24808	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13706 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
216	AR1248 1000 PPB WORKING STD	PP24809	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13695 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
217	AR1254 1000 PPB WORKING STD	PP24810	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P11592 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1529	AR1262 1000 PPB Working Solution	PP24811	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13881 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1532	AR1268 1000 PPB Working Solution	PP24812	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13885 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
404	AR1660 100 PPM Stock Solution 2nd Source	PP24814	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P12952 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
405	AR1660 1000/100 PPB ICV STD	PP24815	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 98.50000ml of E3962 + 0.50000ml of PP24805 + 1.00000ml of PP24814 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24816	08/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13373 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24817	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P12700 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24818	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13590 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24819	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13592 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2193	AR1254 100 PPM STOCK SOLUTION	PP24820	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13833 + 9.00000ml of E3963 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3757	AR1262 1000 PPB Working Solution second source	PP24821	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P12703 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24822	08/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P11522 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
203	AR1660 750 PPB STD	PP24823	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24330 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
204	AR1660 500 PPB STD	PP24824	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24330 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
205	AR1660 250 PPB STD	PP24825	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24330 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
206	AR1660 50 PPB STD	PP24826	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24824 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1079	AR1221 750 PPB STD	PP24827	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24806 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
222	AR1221 500 PPB STD	PP24828	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24806 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1080	AR1221 250 PPB STD	PP24829	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24806 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1081	AR1221 50 PPB STD	PP24830	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24828 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1063	AR1232 750 PPB STD	PP24831	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24807 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
223	AR1232 500 PPB STD	PP24832	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24807 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1064	AR1232 250 PPB STD	PP24833	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24807 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1065	AR1232 50 PPB STD	PP24834	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24832 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1067	AR1242 750 PPB STD	PP24835	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24808 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
224	AR1242 500 PPB STD	PP24836	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24808 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1068	AR1242 250 PPB STD	PP24837	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24808 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1069	AR1242 50 PPB STD	PP24838	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24836 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1075	AR1248 750 PPB STD	PP24839	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24809 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
225	AR1248 500 PPB STD	PP24840	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24809 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1076	AR1248 250 PPB STD	PP24841	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24809 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1077	AR1248 50 PPB STD	PP24842	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24840 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1071	AR1254 750 PPB STD	PP24843	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24810 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
226	AR1254 500 PPB STD	PP24844	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24810 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1072	AR1254 250 PPB STD	PP24845	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24810 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1073	AR1254 50 PPB STD	PP24846	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24844 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3753	AR1262 750 PPB STD	PP24847	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24811 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1530	AR1262 500 PPB STD	PP24848	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24811 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3754	AR1262 250 PPB STD	PP24849	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24811 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3755	AR1262 50 PPB STD	PP24850	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24848 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3820	AR1268 750 PPB STD	PP24851	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24812 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1533	AR1268 500 PPB STD	PP24852	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24812 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3821	AR1268 250 PPB STD	PP24853	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24812 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3822	AR1268 50 PPB STD	PP24854	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24852 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
406	AR1660 500 PPB ICV	PP24855	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24815 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3790	AR1221 500 PPB ICV(AGILENT)	PP24856	08/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24816 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1888	AR1232 500 PPB ICV	PP24857	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24817 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1891	AR1242 500 PPB ICV	PP24858	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24818 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1892	AR1248 500 PPB ICV	PP24859	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24819 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1894	AR1254 500 PPB ICV	PP24860	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3758	AR1262 500 PPB STD ICV	PP24861	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24821 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3823	AR1268 500 PPB STD ICV	PP24862	08/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24822 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24930	09/18/2025	03/18/2026	Abdul Mirza	None	None	Yogesh Patel
								09/19/2025

FROM 0.50000ml of P12953 + 99.50000ml of E3972 = Final Quantity: 100.000 ml

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	02/18/2026	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	08/12/2025	02/12/2025 / Rajesh	02/12/2025 / Rajesh	E3877

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	06/20/2025 / RUPESH	05/14/2025 / RUPESH	E3944

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	08/05/2025 / RUPESH	07/30/2025 / RUPESH	E3962

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	02/15/2026	08/15/2025 / RUPESH	08/07/2025 / RUPESH	E3963

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	09/15/2025 / Evelyn	09/04/2025 / Riteshkumar	E3971

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	24i1262013	11/07/2025	05/07/2025 / RUPESH	02/18/2025 / Mohan	M6157

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	09/18/2025	03/18/2025 / yogesh	02/21/2022 / Ankita	P11522

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0175403	02/18/2026	08/18/2025 / yogesh	03/18/2022 / Abdul	P11592

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc	91867 / Aroclor 1232 100 ug/mL	020823	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12699

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc	91867 / Aroclor 1232 100 ug/mL	020823	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12700

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc	x9166 / Aroclor 1262 100 ug/mL	060523	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12702

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc	x9166 / Aroclor 1262 100 ug/mL	060523	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12703

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	a0203672	09/18/2025	03/18/2025 / yogesh	12/07/2023 / Ankita	P12931

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	a0202803	09/18/2025	03/18/2025 / yogesh	12/07/2023 / Ankita	P12936

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	09/18/2025	03/18/2025 / yogesh	12/20/2023 / Yogesh	P12949

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	02/18/2026	08/18/2025 / yogesh	12/20/2023 / Yogesh	P12952

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	03/18/2026	09/18/2025 / Abdul	12/20/2023 / Yogesh	P12953

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	09/18/2025	03/18/2025 / yogesh	05/02/2024 / Ankita	P13373

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0207511	02/18/2026	08/18/2025 / yogesh	05/03/2024 / Abdul	P13375

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	A0207475	09/18/2025	03/18/2025 / yogesh	05/03/2024 / Abdul	P13381

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	09/18/2025	03/18/2025 / yogesh	10/14/2024 / Ankita	P13589

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13590

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	09/18/2025	03/18/2025 / yogesh	10/14/2024 / Ankita	P13591

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13592

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	A0214733	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13695

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0210629	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0215270	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13702

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	A0210232	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13706

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	12/24/2025	06/24/2025 / Abdul	11/19/2024 / Ankita	P13786

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	02/18/2026	08/18/2025 / yogesh	11/19/2024 / Ankita	P13789

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0217391	09/18/2025	03/18/2025 / yogesh	12/09/2024 / Ankita	P13830

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	a0217391	02/18/2026	08/18/2025 / yogesh	12/09/2024 / Ankita	P13833

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul	A0219655	09/18/2025	03/18/2025 / yogesh	01/23/2025 / Ankita	P13878

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul	A0219655	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13879

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0217041	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13881

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0220950	09/18/2025	03/18/2025 / yogesh	01/23/2025 / Ankita	P13883

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	A0217264	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13885

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	07/28/2025 / jignesh	07/25/2025 / jignesh	W3234

Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titration Acid (μeq/g)	≤ 0.3	0.1
Titration Base (μeq/g)	≤ 0.5	0.1
Water (H ₂ O)	≤ 0.5 %	0.1 %
Solubility in H ₂ O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO ₄)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities – Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities – Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities – Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities – Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

Recd by RP on 9/25/24

E 3804

>>> Continued on page 2 >>>

Acetone
CMOS

 **avantor™**



Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

 **avantor™**



Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
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For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC



Michelle Bales
Sr. Manager, Quality Assurance



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 67 67
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

Certificate of Analysis

1 Reagent Lane
 Fair Lawn, NJ 07410
 201.796.7100 tel
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Recd. by RP on 2/12/25

 E3877

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.

If there are any questions with this certificate, please call at (800) 227-6701.

*Based on suggested storage condition.

Acetone

BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

Avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E3944

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC



Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO ₂
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 1/12/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above. This document has been electronically produced and is valid without a signature. Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	Analysis may have been rounded to significant digits in specification limits Product meets analytical specifications of the grades listed.

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 7/30/25

E3962

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone.
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

Avantor™



Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date: 2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 8/6/25

E 3963

J. Croak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3971

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3972

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™



MG157
MS

Material No.: 9673-33

Batch No.: 24I1262013

Manufactured Date: 2024-08-07

Retest Date: 2029-08-06

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (H ₂ SO ₄)	95.0 – 98.0 %	96.2 %
Appearance	Passes Test	Passes Test
ACS – Color (APHA)	<= 10	5
ACS – Residue after Ignition	<= 3 ppm	<1 ppm
ACS – Substances Reducing Permanganate(as SO ₂)	<= 2 ppm	<2 ppm
Ammonium (NH ₄)	<= 1 ppm	<1 ppm
Chloride (Cl)	<= 0.1 ppm	<0.1 ppm
Nitrate (NO ₃)	<= 0.2 ppm	0.1 ppm
Phosphate (PO ₄)	<= 0.5 ppm	<0.1 ppm
Trace Impurities – Aluminum (Al)	<= 30.0 ppb	<5.0 ppb
Arsenic & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities – Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities – Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities – Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities – Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities – Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities – Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities – Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities – Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities – Manganese (Mn)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Mercury (Hg)	<= 0.5 ppb	<0.1 ppb
Trace Impurities – Nickel (Ni)	<= 2.0 ppb	<0.3 ppb
Trace Impurities – Potassium (K)	<= 500.0 ppb	<10.0 ppb
Trace Impurities – Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities – Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities – Silver (Ag)	<= 1.0 ppb	<1.0 ppb

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Sulfuric Acid

BAKER INSTRA-ANALYZED® Reagent

For Trace Metal Analysis

Low Selenium

 **avantor**™



Material No.: 9673-33

Batch No.: 2411262013

Test	Specification	Result
Trace Impurities – Sodium (Na)	≤ 500.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 5.0 ppb	< 1.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	1.1 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 1.0 ppb

For Laboratory, Research, or Manufacturing Use

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak

Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC



Certificate of Analysis

P11518
↓
P11522
AJ
02/21/22

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1

Lot Issue Date: 09-Feb-2021

Lot Number: 0006587800

Expiration Date: 31-Mar-2029

Description:

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

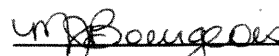
Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:


Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1

www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 Lot No.: A0175403
Description : Aroclor® 1254 Standard
Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : November 30, 2027 Storage: 25°C nominal
Handling: This product contains PCBs. Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Aroclor 1254 CAS # 11097-69-1 (Lot 124-191-B) Purity ----%	1,000.7 µg/mL	+/- 5.9437 µg/mL Gravimetric +/- 31.7284 µg/mL Unstressed +/- 41.4406 µg/mL Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588
↓
P11592 / (S)

AR
04/30/2022

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

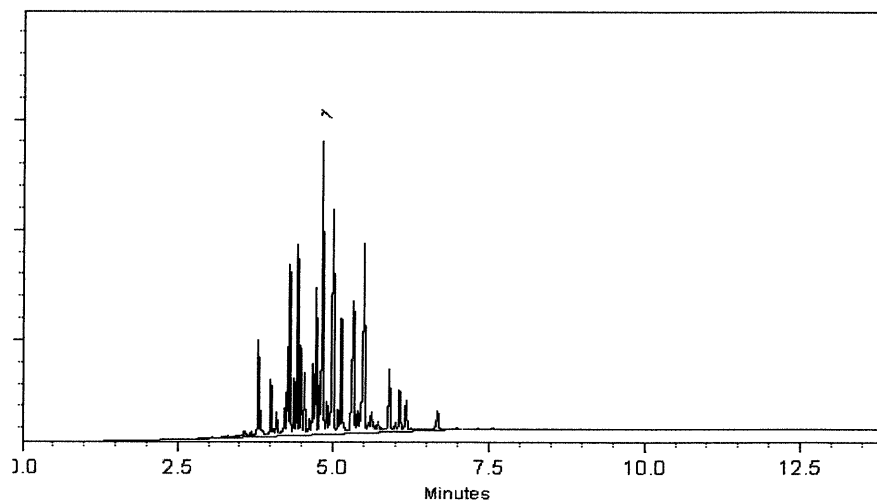
250°C

Det. Temp:

300°C

Det. Type:

ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021

Balance: 1128360905

Alexis Shelow

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P11588
↓
P11592 / (5)

AR
04/30/22



CERTIFIED WEIGHT REPORT

Part Number: **91867**
 Lot Number: **020823**
 Description: **WP 037 - Aroclor 1232**
PCB Technical Mixture
 Expiration Date: **020833**
 Recommended Storage: **Ambient (20 °C)**
 Nominal Concentration ($\mu\text{g/mL}$): **100**
 NIST Test ID#: **6UTB**

Solvent(
Aceton

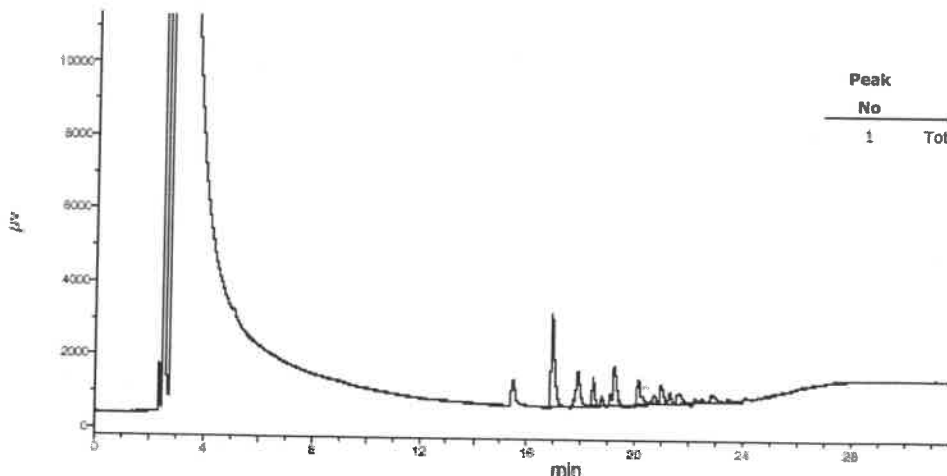
Weight(s) shown below were combined and diluted to (mL): **100.0**
 5E-05 Balance Uncertainty
 0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc ($\mu\text{g/mL}$)	Purity (%)	Uncertainty Purity	Target Weight (g)
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC3-M1 Analysis by Melissa Stonier
 Column ID SPB-608 30 meter X 0.53mm X 5 μm film thickness
 Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
 Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
 Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
 Rate = 8°C/min, Total run time = 35 min
 Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
 Standard injection = 1.5 μL , Range=3





CERTIFIED WEIGHT REPORT

Part Number: **91867**
 Lot Number: **020823**
 Description: **WP 037 - Aroclor 1232**
PCB Technical Mixture
 Expiration Date: **020833**
 Recommended Storage: **Ambient (20 °C)**
 Nominal Concentration ($\mu\text{g/mL}$): **100**
 NIST Test ID#: **6UTB**

Solvent(
Aceton

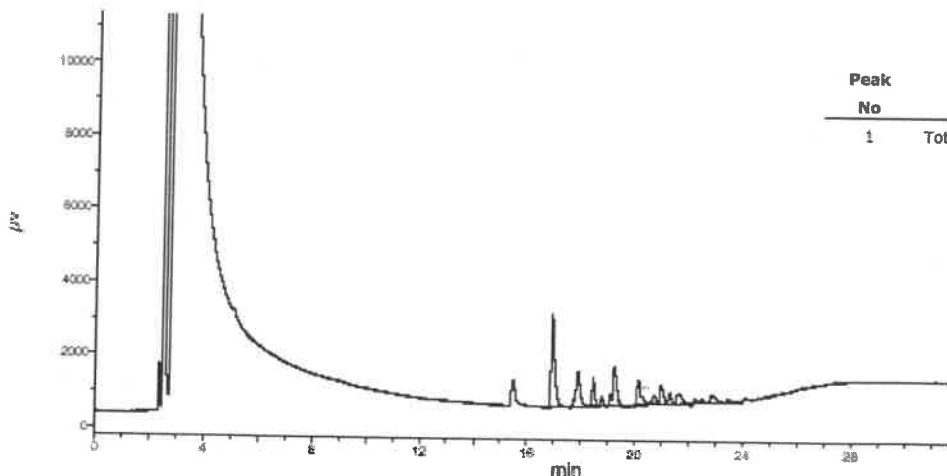
Weight(s) shown below were combined and diluted to (mL): **100.0**
 5E-05 Balance Uncertainty
 0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc ($\mu\text{g/mL}$)	Purity (%)	Uncertainty Purity	Target Weight (g)
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC3-M1 Analysis by Melissa Stonier
 Column ID SPB-608 30 meter X 0.53mm X 5 μm film thickness
 Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
 Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
 Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
 Rate = 8°C/min, Total run time = 35 min
 Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
 Standard injection = 1.5 μL , Range=3





CERTIFIED WEIGHT REPORT

Part Number: X9166
Lot Number: 060523
Description: Aroclor 1262

Solvent(s):
Methanol

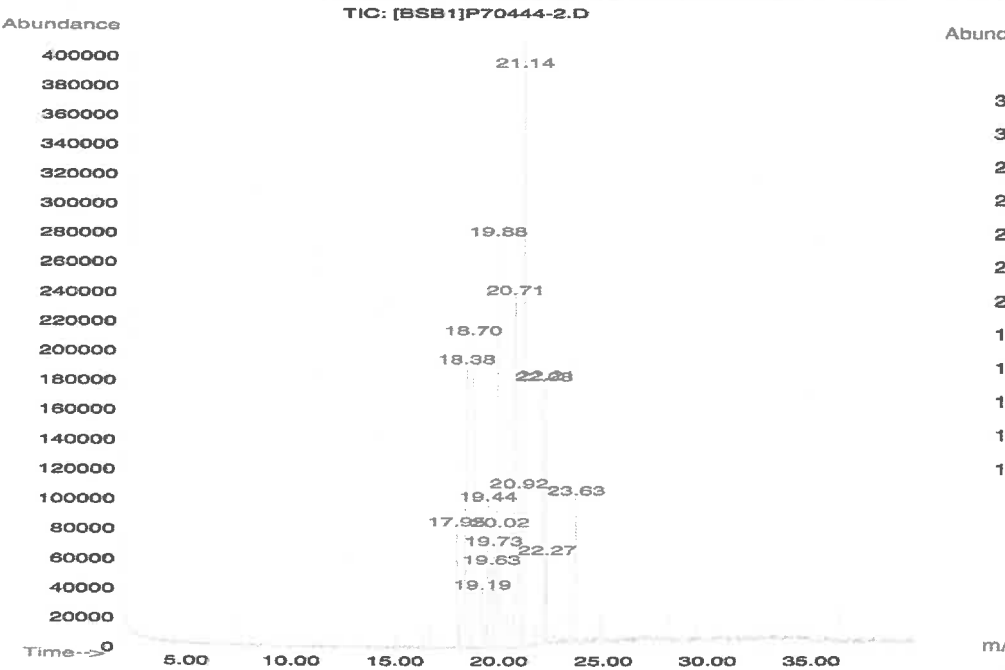
Appendix IX Compound

Expiration Date: 060533
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 100
NIST Test ID#: 6UTB

Volume(s) shown below were combined and diluted to (mL): 20.0 0.002
5E-05 Balance Uncertainty
Flask Uncertainty

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Co
1. Aroclor 1262	70444	080322	0.10	2.00	0.017	

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickn min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.



- The certified value is the concentration calculated from gravimetric and volumetric me
- Standards are prepared gravimetrically using balances that are calibrated with weight
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appro
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



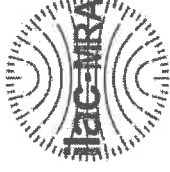
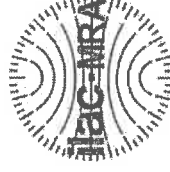
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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 32009 **Lot No.:** A0203672

Description: Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size: 2 mL **Pkg Amt:** > 1 mL

Expiration Date: January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

p12928

→

p12932

AJ

12/27/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	—%	1,004.7 µg/mL	+/- 55.7515

Solvent: Hexane

CAS # 110-54-3

Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

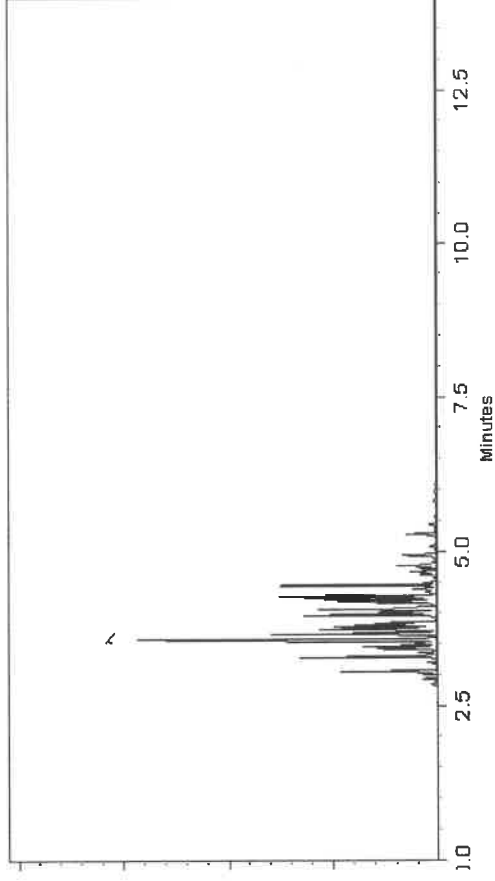
ECD

Split Vent:

10 ml/min.

Inj. Vol

0.2ul



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Boothamer - Operations Technician I

Date Mixed: 26-Oct-2023 Balance Serial # B442140311

Jennifer Polino - Operations Tech III - APM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FW 80397



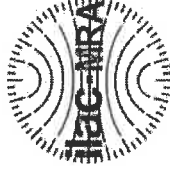
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Tel: 1-814-353-1300
Fax: 1-814-353-1309

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Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 32010 **Lot No.:** A0202803

Description: Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size: 2 mL **Pkg Amt:** > 1 mL

Expiration Date: January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P1219697
P1219697
A1
12104123

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	---%	1,001.7 µg/mL	+/- 55.5850

Solvent: Hexane

CAS # 110-54-3

Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

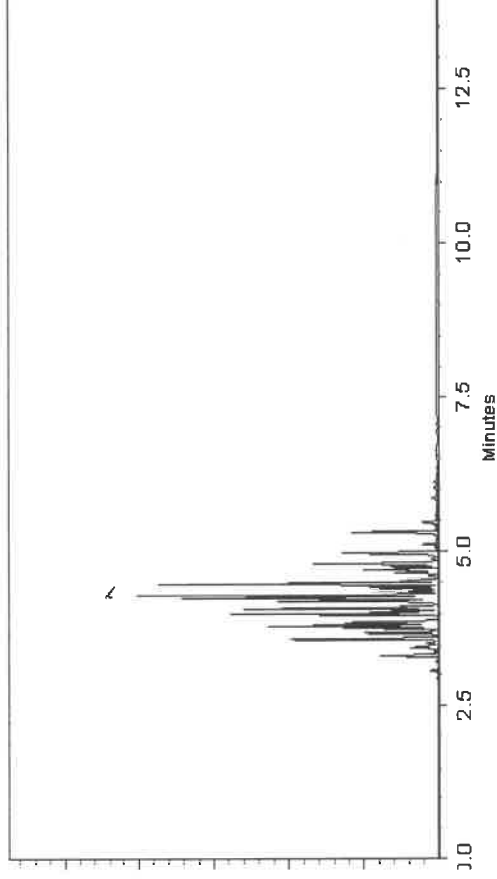
ECD

Split Vent:

10 ml/min.

Inj. Vol

0.2ul



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

[Signature]
Laith Clemente - Operations Technician I

Date Mixed: 03-Oct-2023

Balance Serial # 1128360905

[Signature]
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FW 80397



Certified Reference Material CRM

CERTIFIED WEIGHT REPORT

Part Number:
20084

Lot Number:
022023

Description:
CLP PCB'S - Aroclor Mix
Aroclors 1016 & 1260

Expiration Date:
022033

Recommended Storage:
Ambient (20 °C)

Nominal Concentration (µg/mL):
1000

NIST Test ID#:
6UTB

Solvent(s):
Hexane

Lot#
273615

Formulated By:
Benson Chan

Reviewed By:
Pedro L. Rentas

DATE
022023

DATE
022023

Weight(s) shown below were combined and diluted to (mL.):
200.0

Balance Uncertainty
0.010

Flask Uncertainty
0.010

SDS Information
(Solvent Safety Info. On Attached pg.)

Expanded Uncertainty
(+/-) (µg/mL)

Actual Conc (µg/mL)

Actual Weight(g)

Target Weight(g)

Purity (%)

Nominal Conc (µg/mL)

Lot Number

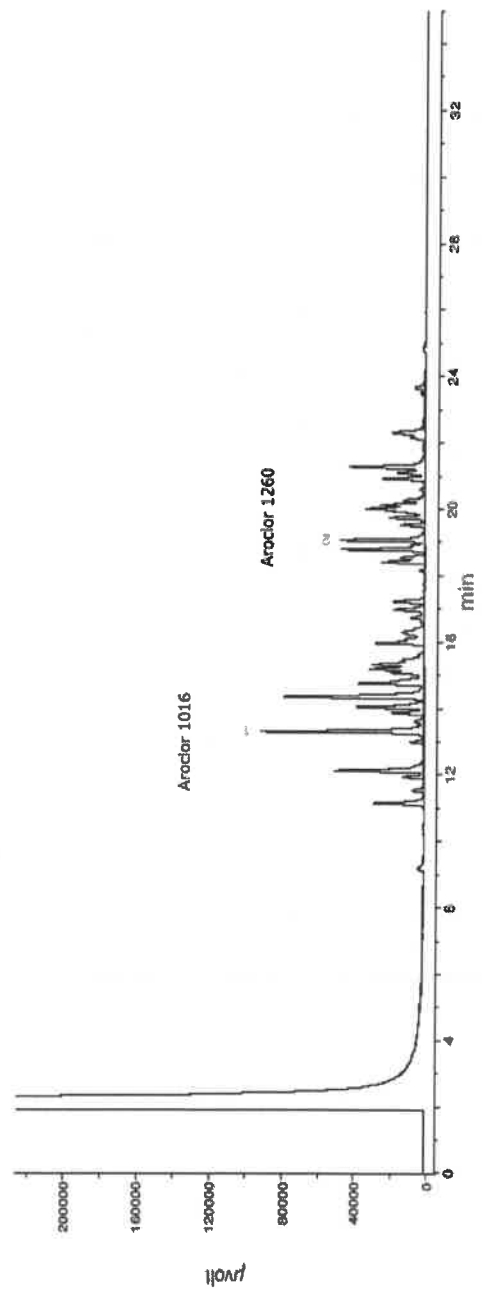
RM#

Compound

1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11086-82-5	0.5mg/m3 orl-rat 1315mg/kg

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stortier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 280°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C, FID Signal = Etdaq Channel 1
Standard Injection = 1.5µL, Range=3





Certified Reference Material CRM

CERTIFIED WEIGHT REPORT

Part Number:
20064

Lot Number:
022023

Description:
CLP PCB'S - Aroclor Mix
Aroclors 1016 & 1260

Expiration Date:
022033

Recommended Storage:
Ambient (20 °C)

Nominal Concentration (µg/mL):
1000

NIST Test ID#:
6UTB

Solvent(s):
Hexane

Lot#
273615

Formulated By:
Benson Chan

Reviewed By:
Pedro L. Rentas

DATE
022023

DATE
022023

5E-05 Balance Uncertainty
0.010 Flask Uncertainty

Nominal Conc (µg/mL):
200.0

Weight(s) shown below were combined and diluted to (mL):

Part Number:
20064

Lot Number:
022023

Description:
CLP PCB'S - Aroclor Mix
Aroclors 1016 & 1260

Expiration Date:
022033

Recommended Storage:
Ambient (20 °C)

Nominal Concentration (µg/mL):
1000

NIST Test ID#:
6UTB

Solvent(s):
Hexane

Lot#
273615

Formulated By:
Benson Chan

Reviewed By:
Pedro L. Rentas

DATE
022023

DATE
022023

5E-05 Balance Uncertainty
0.010 Flask Uncertainty

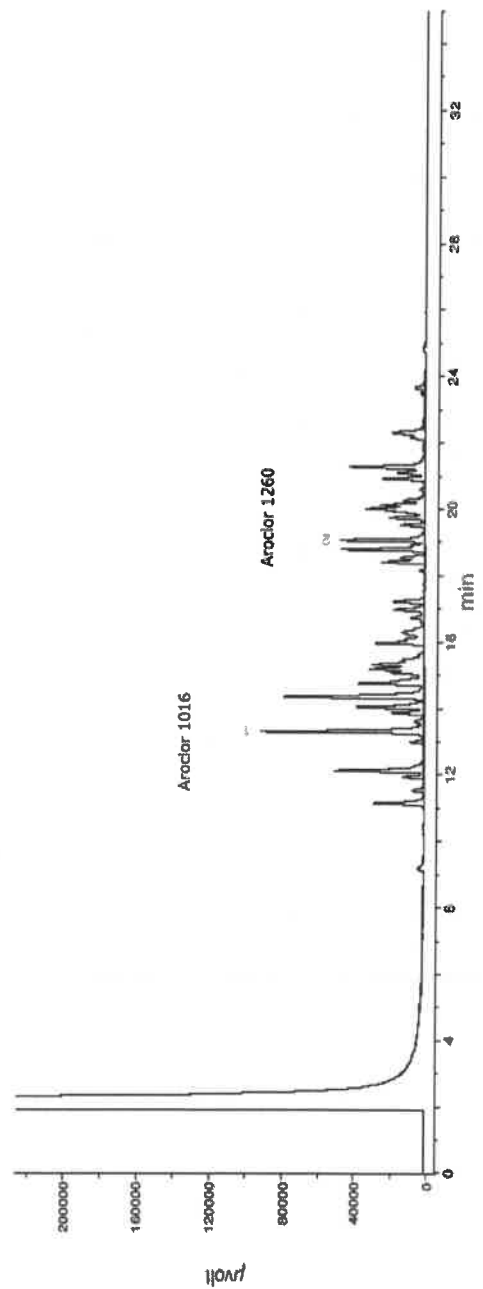
Nominal Conc (µg/mL):
200.0

Weight(s) shown below were combined and diluted to (mL):

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11086-82-5	0.5mg/m3	orl-rat 1315mg/kg

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stortier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 280°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C, FID Signal = Etdaq Channel 1
Standard Injection = 1.5µL, Range=3





Certified Reference Material CRM

CERTIFIED WEIGHT REPORT

Part Number:
20084

Lot Number:
022023

Description:
CLP PCB'S - Aroclor Mix
Aroclors 1016 & 1260

Expiration Date:
022033

Recommended Storage:
Ambient (20 °C)

Nominal Concentration (µg/mL):
1000

NIST Test ID#:
6UTB

Solvent(s):
Hexane

Lot#
273615

Formulated By:
Benson Chan

Reviewed By:
Pedro L. Rentas

DATE
022023

DATE
022023

Weight(s) shown below were combined and diluted to (mL):
200.0

Balance Uncertainty
0.010

Flask Uncertainty
0.010

Part Number:
20084

Lot Number:
022023

Description:
CLP PCB'S - Aroclor Mix
Aroclors 1016 & 1260

Expiration Date:
022033

Recommended Storage:
Ambient (20 °C)

Nominal Concentration (µg/mL):
1000

NIST Test ID#:
6UTB

Solvent(s):
Hexane

Lot#
273615

Formulated By:
Benson Chan

Reviewed By:
Pedro L. Rentas

DATE
022023

DATE
022023

Weight(s) shown below were combined and diluted to (mL):
200.0

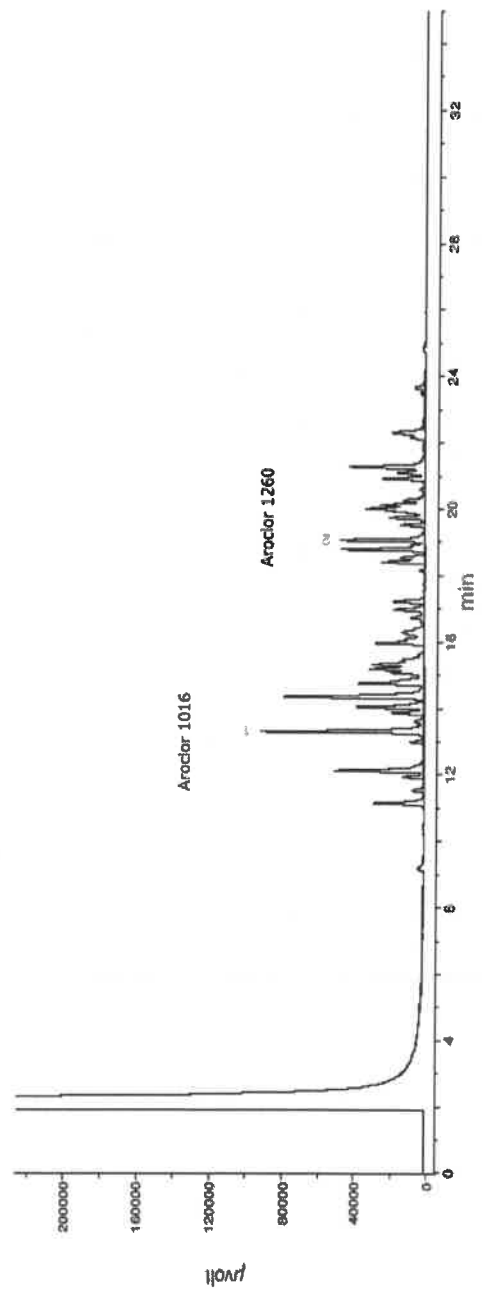
Balance Uncertainty
0.010

Flask Uncertainty
0.010

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information	
										(Solvent Safety Info. On Attached pg.)	(Solvent Safety Info. On Attached pg.)
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11086-82-5	0.5mg/m3 orl-rat 1315mg/kg

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stortier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 280°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C, FID Signal = Etdaq Channel 1
Standard Injection = 1.5µL, Range=3





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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13348
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P13357
10
DAUF
04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

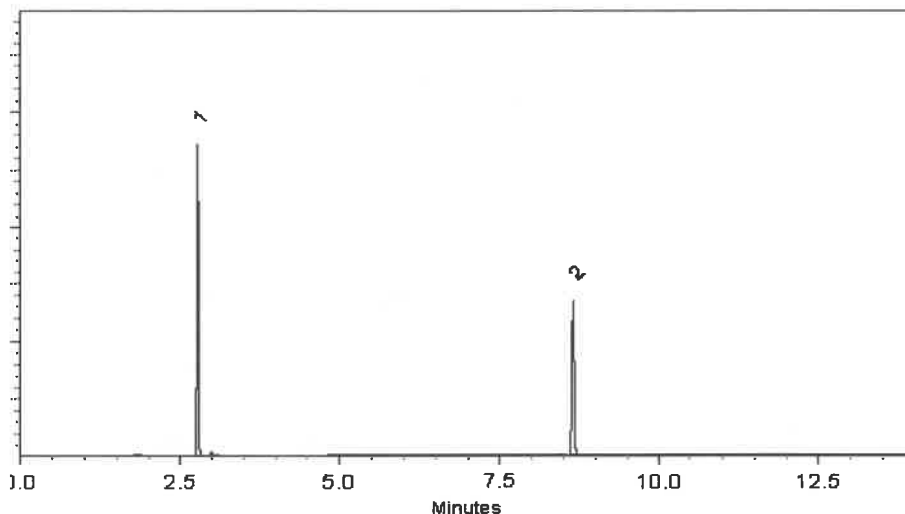
ECD

Split Vent:

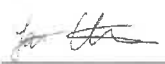
10 ml/min.

Inj. Vol

1µl

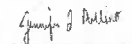


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

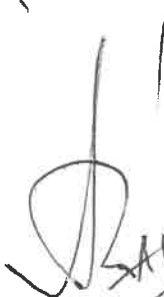
Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 13348
↓
P 13357
10


SAUF
04/25/2025



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CERTIFIED REFERENCE MATERIAL

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0207511

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	13192500	----%	1,002.7 µg/mL	+/- 55.6424

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13374
↓
P 13375
/

[Signature]
05/6/2024

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

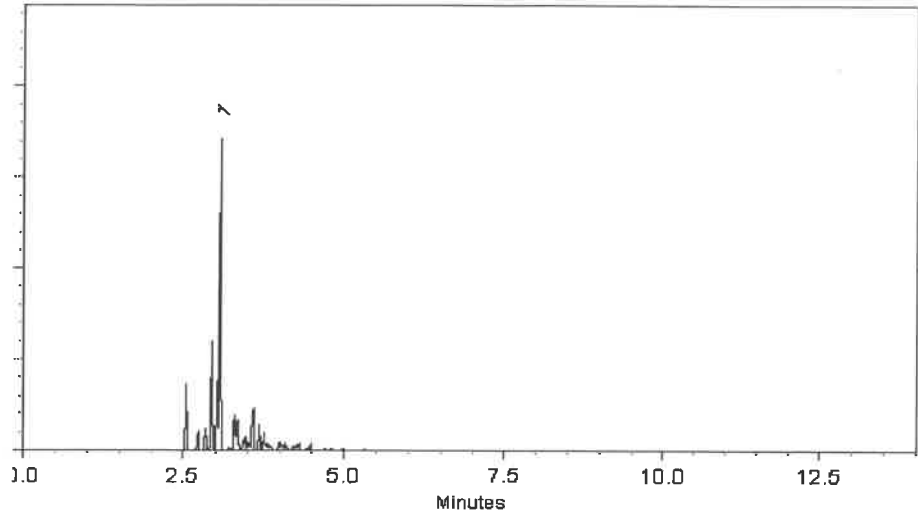
ECD

Split Vent:

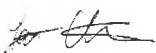
10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 06-Feb-2024

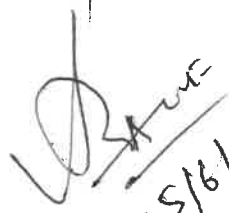
Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Feb-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 13374 } ②
↓
P 13375 }


05/6/2024



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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0207475

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1268	11100-14-4	10947000	---%	1,000.0 µg/mL	+/- 55.4925

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13380
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P 13381
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SAZU
05/6/2024

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

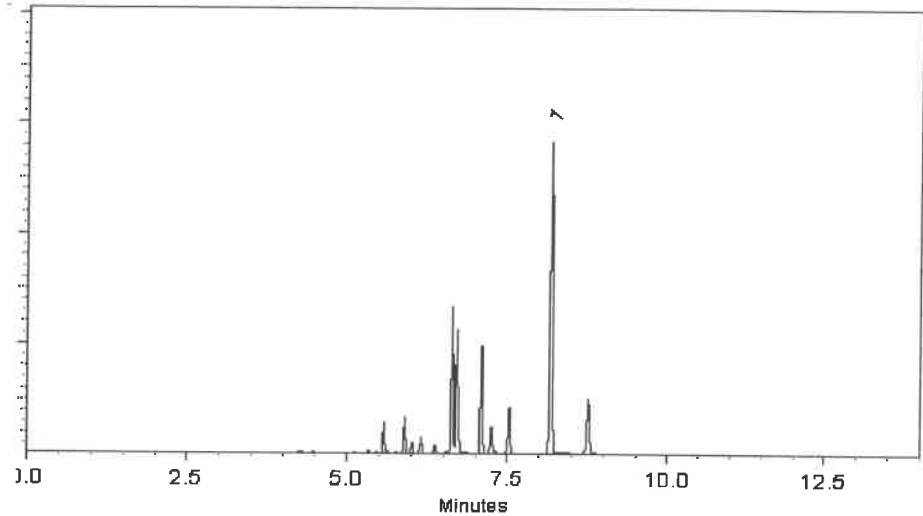
ECD

Split Vent:

Split ratio 500:1

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 06-Feb-2024

Balance Serial # B442140311

Dylan Murphy
Dylan Murphy - Operations Technician I

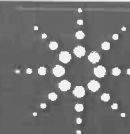
Date Passed: 09-Feb-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13380 } ②
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P13381
1

[Signature]
05/6/2024

ISO 17034



Agilent

Trusted Answers

Reference Material Certificate

Product Name: Aroclor 1242 Standard

Lot Number: 0006665550

Product Number: PP-312-1

Lot Issue Date: 08-Feb-2022

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 31-Jan-2027

Component Name	CERTIFIED VALUES		CAS#	Analyte Lot
	Concentration	Expanded Uncertainty		
Aroclor 1242	100.4	± 0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589
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P13590AJ
10/14/24

ISO 17034



Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 95T215321

Page: 2 of 2

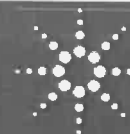
www.agilent.com/quality/

CSD-QA-015.1



ISO 17025
Cert No. AT-

ISO 17034



Agilent

Trusted Answers

Reference Material Certificate

Product Name: Aroclor 1242 Standard

Lot Number: 0006665550

Product Number: PP-312-1

Lot Issue Date: 08-Feb-2022

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 31-Jan-2027

Component Name	CERTIFIED VALUES		CAS#	Analyte Lot
	Concentration	Expanded Uncertainty		
Aroclor 1242	100.4	± 0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589
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P13590AJ
10/14/24

ISO 17034



Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 95T215321

Page: 2 of 2

www.agilent.com/quality/

CSD-QA-015.1



ISO 17025
Cert No. AT-

Reference Material Certificate
Product Information Sheet

Product Name: Aroclor 1248 Standard

Lot Number: 0006726317

Product Number: PP-342-1

Lot Issue Date: 27-Jan-2023

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 28-Feb-2031

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3 ±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591
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P13592

AS
10/14/2024



Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO
9001:2015 Quality Management System. Cert# 951215321

Page: 2 of 2

www.agilent.com/quality/

CSD-QA-015.1

ISO 17025

Reference Material Certificate
Product Information Sheet

Product Name: Aroclor 1248 Standard

Lot Number: 0006726317

Product Number: PP-342-1

Lot Issue Date: 27-Jan-2023

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 28-Feb-2031

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3 ±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591
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P13592

AS
10/14/2024



Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO
9001:2015 Quality Management System. Cert# 951215321

Page: 2 of 2

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CSD-QA-015.1

ISO 17025



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32010 **Lot No.:** A0214733
Description : Aroclor® 1248 Standard
Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : November 30, 2030 **Storage:** 25°C nominal
Handling: This product contains PCBs. **Ship:** Ambient

P13695 } Y.P.
P13696 } 10/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	15242800	----%	1,005.0 µg/mL	+/- 55.7700

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

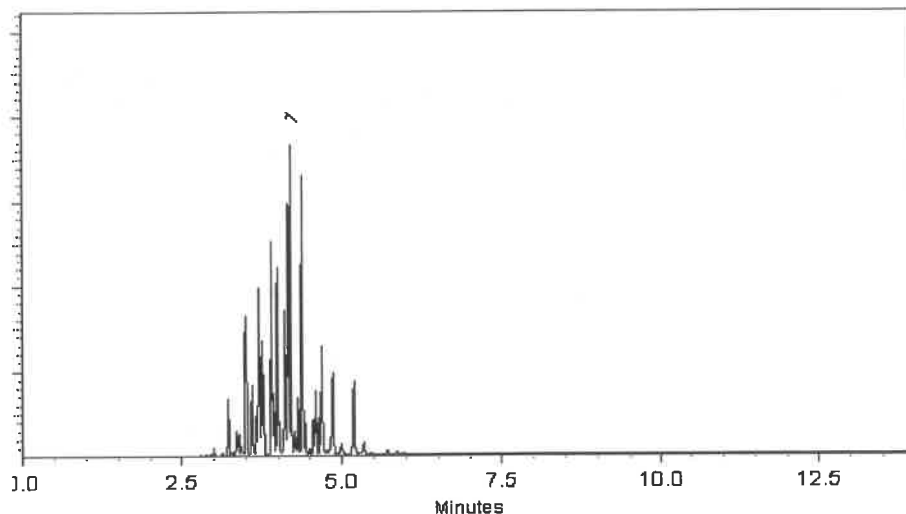
ECD

Split Vent:

10 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Rebecca Gingerich - Operations Tech II

Date Mixed: 02-Aug-2024

Balance Serial # C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0210629

Description : Aroclor® 1016/1260 Mix
Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13697
↓
P13701 } Y.P.
10/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1016	12674-11-2	07	----%	1,005.3 µg/mL	+/- 55.7809
2	Aroclor 1260	11096-82-5	1320657	----%	1,000.0 µg/mL	+/- 55.4850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

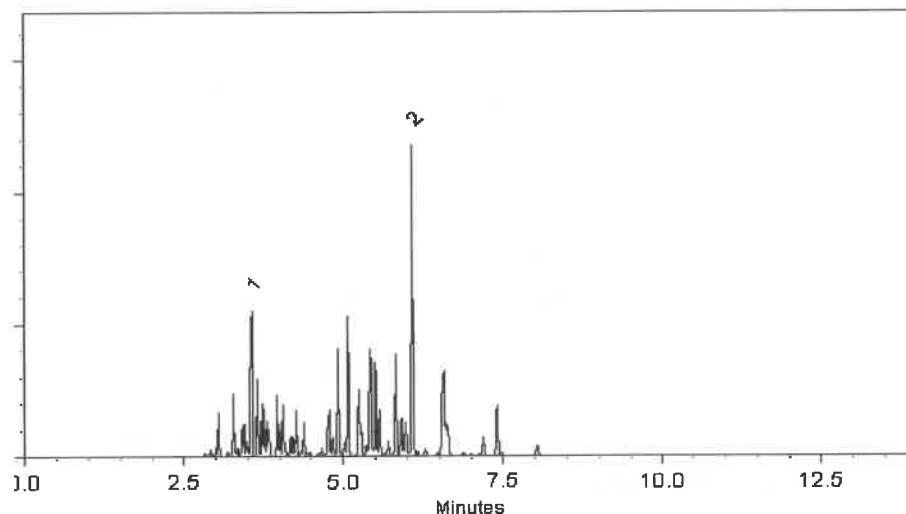
ECD

Split Vent:

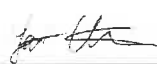
10 ml/min.

Inj. Vol

0.2µl

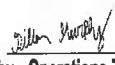


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Apr-2024

Balance Serial # B442140311


Dillan Murphy - Operations Technician I

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0215270

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13902
P13703 } Y.P.
10/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	14969200	----%	1,005.0 µg/mL	+/- 55.7700

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

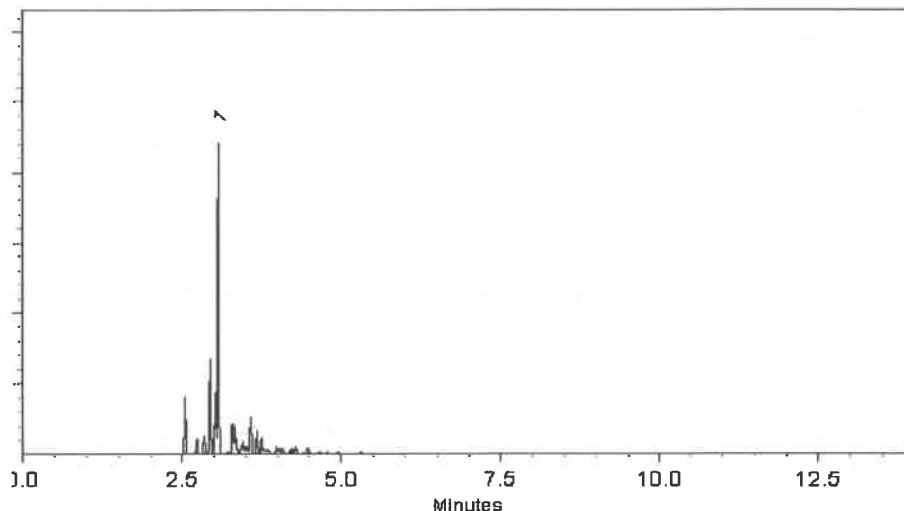
ECD

Split Vent:

10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 16-Aug-2024

Balance Serial # 1128360905

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 20-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0210232

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13706 } y.p.
P13707 } 10/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	----%	1,000.7 µg/mL	+/- 55.5295

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

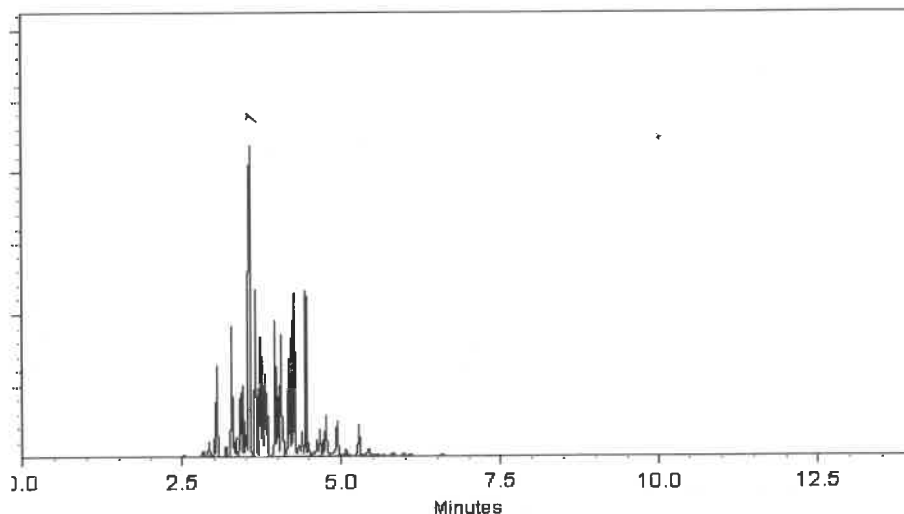
ECD

Split Vent:

10 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024

Balance Serial # B442140311


Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 17-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



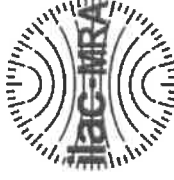
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CERTIFIED REFERENCE MATERIAL

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x 25mm x 2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

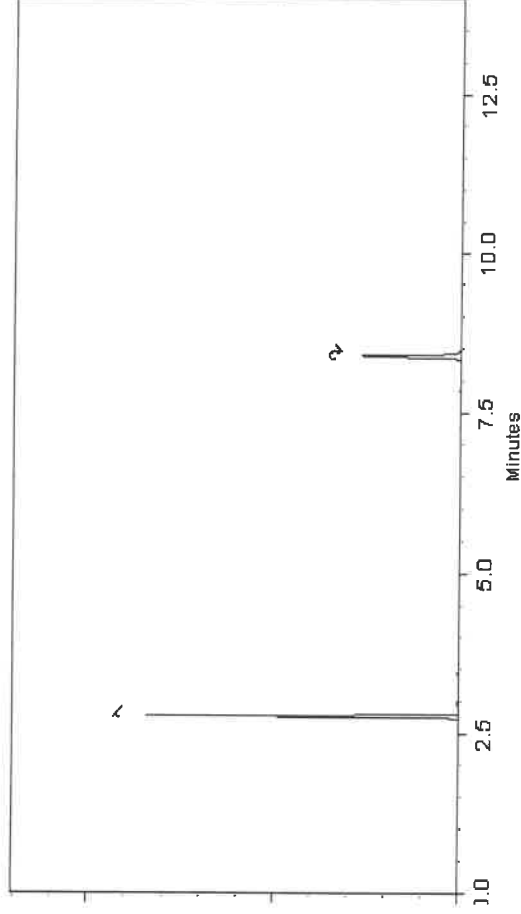
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

A. O. P.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



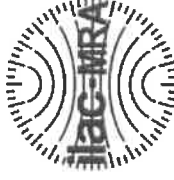
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x 25mm x 2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

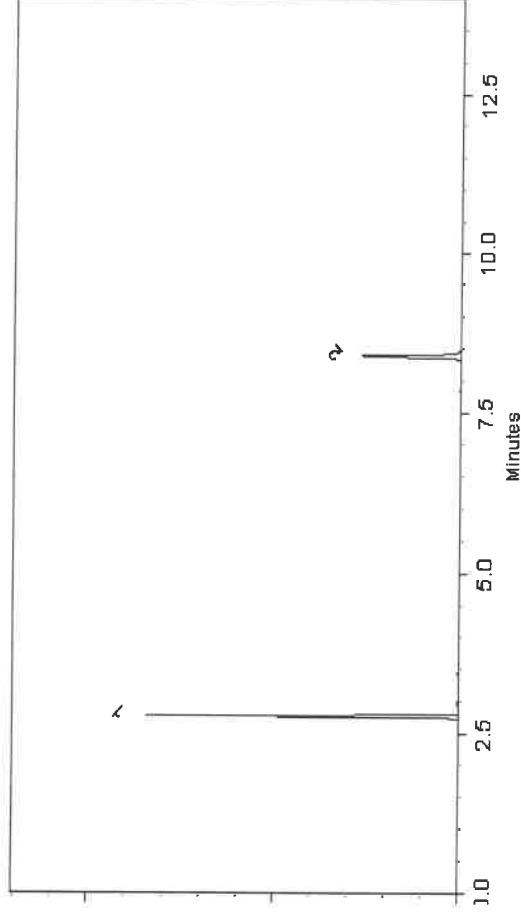
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

A. O. P.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0217391

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	124-191-B	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13830
↓
P13832
AJ
12/09/24

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

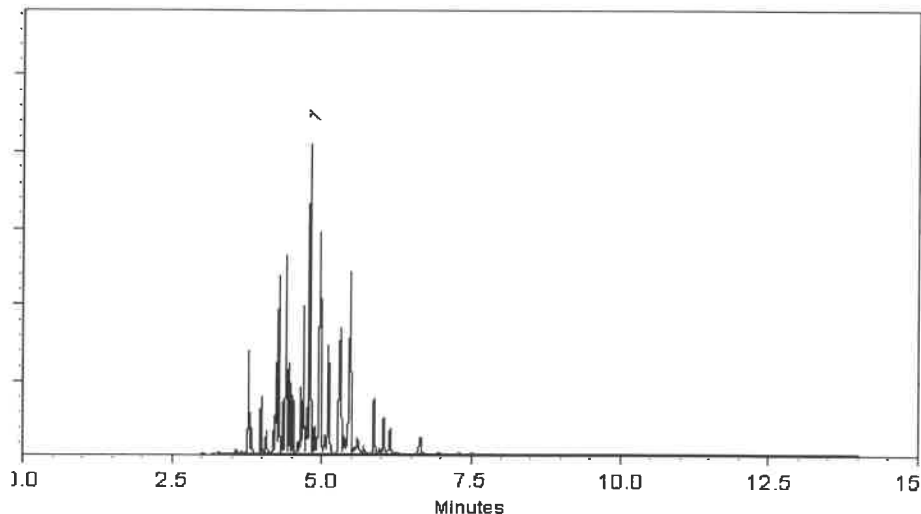
ECD

Split Vent:

300 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 02-Oct-2024

Balance Serial # C322230531

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 07-Oct-2024

Manufactured under Restek's ISO 9001:2015
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0217391

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	124-191-B	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13830
↓
P13832
↓
P13834
AJ
12/09/24

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

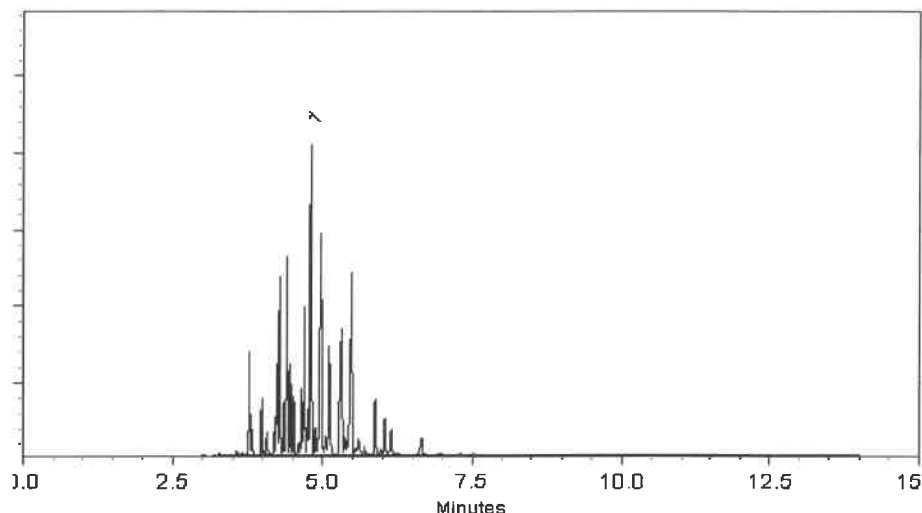
ECD

Split Vent:

300 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 02-Oct-2024

Balance Serial # C322230531

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 07-Oct-2024

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008

Lot No.: A0219655

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : March 31, 2031

Storage: 25°C nominal

Handling:

This product contains PCBs.

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1232	11141-16-5	15665-01	---%	1,007.0 µg/mL	+/- 55.8810

Solvent: Hexane

CAS # 110-54-3

Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

P13878
↓
P13880

AJ
01/28/25

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

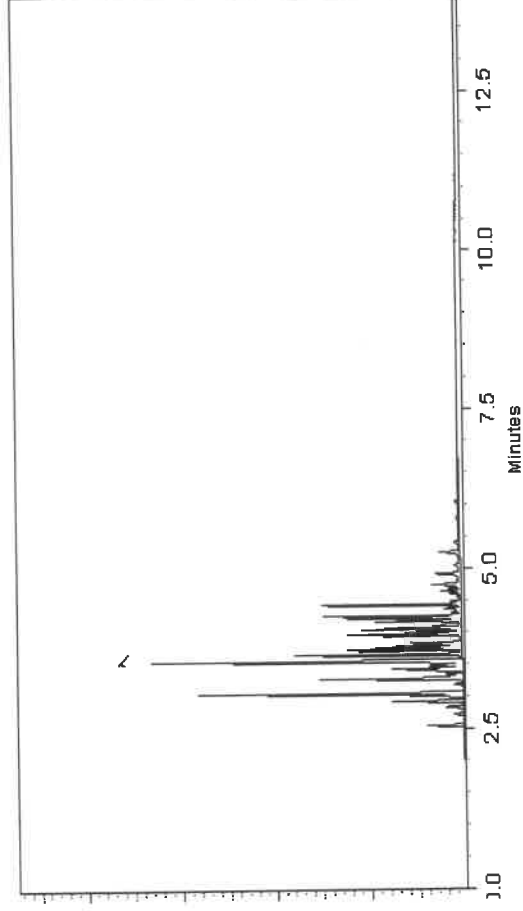
ECD

Split Vent:

10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024

Balance Serial #

C322230531

Brittany Federhik

Brittany Federhiko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008

Lot No.: A0219655

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : March 31, 2031

Storage: 25°C nominal

Handling:

This product contains PCBs.

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1232	11141-16-5	15665-01	---%	1,007.0 µg/mL	+/- 55.8810

Solvent: Hexane

CAS # 110-54-3

Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

P13878
↓
P13880

AJ
01/28/25

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

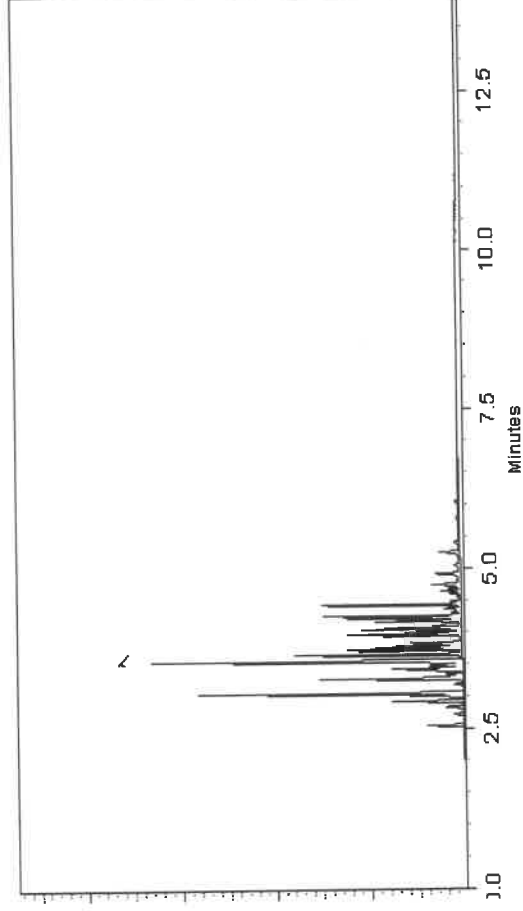
ECD

Split Vent:

10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024

Balance Serial #

C322230531

Brittany Federhik
Brittany Federhiko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0217041

Description : Aroclor® 1262 Standard

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1262	37324-23-5	10849100	----%	1,000.0 µg/mL	+/- 55.4925

Solvent: Hexane
CAS # 110-54-3
Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

P13881

AJ
01128125

~~PT3888~~

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

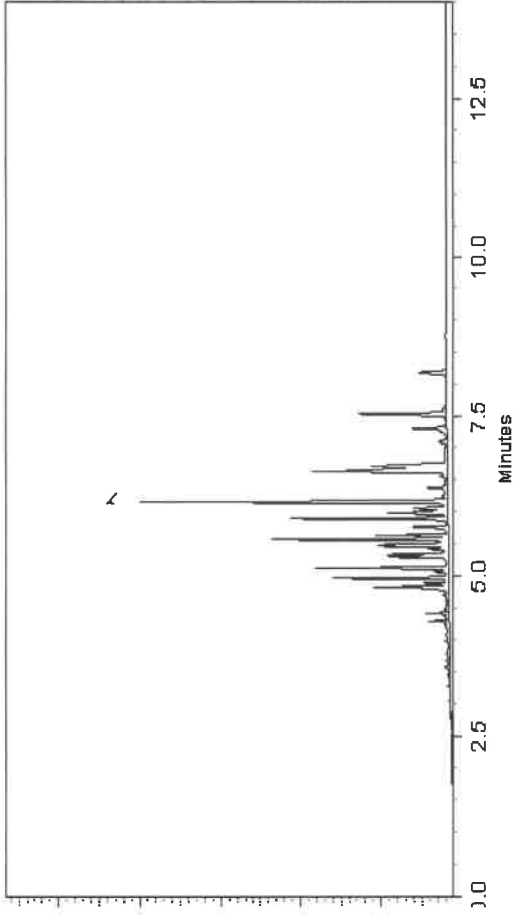
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Rebecca Gingerich - Operations Tech II


Jennifer Pollino - Operations Tech III - ARM QC

Date Mixed: 25-Sep-2024 Balance Serial # C322230531

Date Passed: 30-Sep-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 32409 **Lot No.:** A0220950

Description: Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size: 2 mL **Pkg Amt:** > 1 mL

Expiration Date: April 30, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1262	37324-23-5	10849100	----%	1,002.0 µg/mL	+/- 55.6035

Solvent: Hexane

CAS # 110-54-3
Purity 99%

P13882

↓

AJ
01/28/25

P13883

* Expanded Uncertainty displayed in same units as Grav. Conc.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

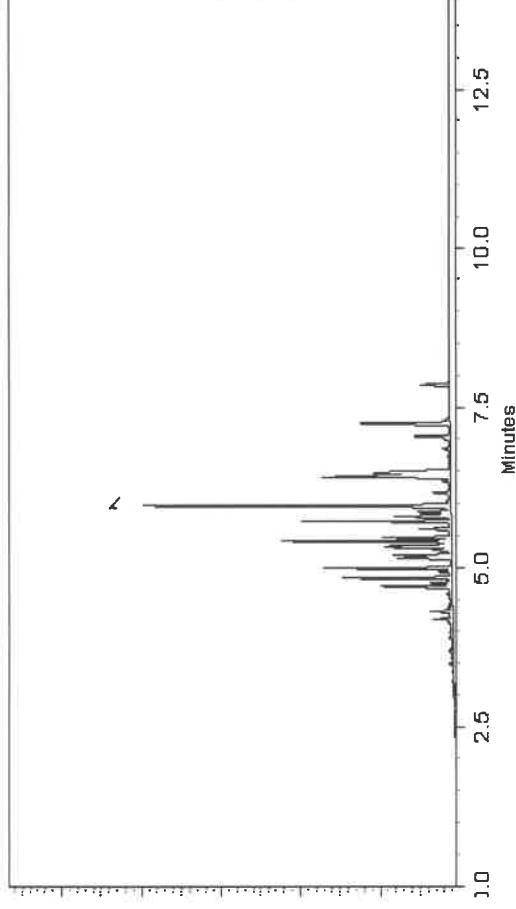
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Tom Suckal - Mix Technician

Date Mixed: 09-Jan-2025 Balance Serial # C322230531



Britiany Federinko - Operations Tech I

Date Passed: 14-Jan-2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



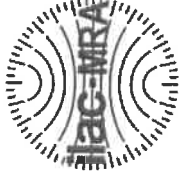
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410

Lot No.: A0217264

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : January 31, 2031

Storage: 25°C nominal

Handling:

This product contains PCBs.

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1268	11100-14-4	12353400	----%	1,009.8 µg/mL	+/- 56.0364

Solvent: Hexane

CAS # 110-54-3

Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

P13884

+

AJ
01/28/25

P13886

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

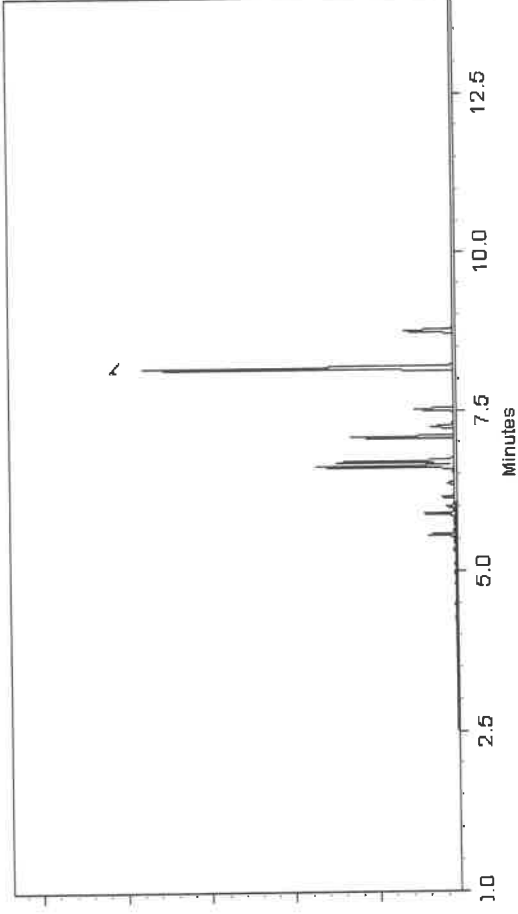
ECD

Split Vent:

Split ratio 500:1

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Balance Serial # 1128360905

Date Mixed: 01-Oct-2024

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-Oct-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	< 0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

 **avantor**™



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

W3234 JB
OP4421 07/28/2025

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: **Kleinfelder**
ADDRESS: **180 Sheree Blvd. Suite 3800**
CITY: **Exton** STATE: **PA** ZIP: **19341**
ATTENTION: **Mark Warchol**
PHONE: **484-883-3892** FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **Tanner Duckrey School**
PROJECT NO.: **2002048.001A** LOCATION: **Philadelphia**
PROJECT MANAGER: **Mark Warchol**
e-mail: **mwarchol@kleinfelder.com**
PHONE: **484-883-3892** FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#: **Same**
ADDRESS: **Same**
CITY: STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) **5** DAYS*
HARDCOPY (DATA PACKAGE): **5** DAYS*
EDD: **5** DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

1 2 3 4 5 6 7 8 9

ALLIANCE
SAMPLE
ID

PROJECT
SAMPLE IDENTIFICATION

SAMPLE
MATRIX

SAMPLE
TYPE
COMP GRAB

SAMPLE
COLLECTION
DATE TIME

OF BOTTLES

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

1.	COMP-1	Soil	✓	9/19/25	9:55	6	✓											
2.	COMP-2	↓	↓	↓	10:40	↓	↓											
3.	COMP-3	↓	↓	↓	11:30	↓	↓											
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. [Signature]	DATE/TIME: 9/18/25	RECEIVED BY: [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.6 °C
RELINQUISHED BY SAMPLER: 2. FedEx	DATE/TIME: 9-19-25 1155	RECEIVED BY: [Signature]	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY:	Page 1 of 1 CLIENT: ☐ Hand Delivered ☒ Other FedEx

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3155	POWE02	Order Date : 9/19/2025 1:05:00 PM	Project Mgr : Yazmeen
Client Name : Kleinfelder		Project Name : Tanner G. Duckrey Public S	Report Type : Results+QC
Client Contact : Mark Warchol		Receive DateTime : 9/19/2025 12:00:00 AM 11:15 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Kleinfelder		Purchase Order :	Hard Copy Date :
Invoice Contact : Mark Warchol			Date Signoff : 9/19/2025 1:30:45 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3155-01	COMP-1	Solid	09/19/2025	09:55					
					VOCMS Group1		8260D	5 Bus. Days	
Q3155-02	COMP-2	Solid	09/19/2025	10:40					
					VOCMS Group1		8260D	5 Bus. Days	
Q3155-03	COMP-3	Solid	09/19/2025	11:30					
					VOCMS Group1		8260D	5 Bus. Days	
Q3155-04	TB	Water	09/19/2025	00:00					
					VOC-TCLVOA-10		8260D	5 Bus. Days	

Relinquished By : cl

Date / Time : 9/19/25 1336

Received By : Sami

Date / Time : 09/19/25 13:20

Storage Area : VOA Refridgerator Room

6
P22
R2H4