

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : NJ WASTE WATER PT

ALLIANCE TECHNICAL GROUP, LLC - NEWARK

284 Sheffiled Stree

Suite 1

Mountainside, NJ - 07092

Phone No: 908-789-8900

ORDER ID : Q3015

ATTENTION : Mohammad Ahmed



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3015

Project ID : NJ Waste Water PT

Client : Alliance Technical Group, LLC - Newark

Lab Sample Number

Q3015-01
Q3015-02
Q3015-03
Q3015-04
Q3015-05
Q3015-06
Q3015-07
Q3015-08
Q3015-09
Q3015-10
Q3015-11
Q3015-12
Q3015-13
Q3015-14
Q3015-15
Q3015-16
Q3015-17
Q3015-18
Q3015-19
Q3015-20
Q3015-21
Q3015-22

Client Sample Number

WP0925-PT-VOA-WP
WP0925-PT-VOA-WP
WP0925-PT-BN-WP
WP0925-PT-BN-WP
WP0925-PT-BN-WP
WP0925-PT-ACIDS-WP
WP0925-PT-ACIDS-WP
WP0925-PT-ACIDS-WP
WP0925-PT-PEST-WP
WP0925-PT-PEST-WP
WP0925-PT-CHLR-WP
WP0925-PT-CHLR-WP
WP0925-PT-TXP-WP
WP0925-PT-TXP-WP
WP0925-PT-PCBW-WP
WP0925-PT-PCBW-WP
WP0925-PT-HERB-WP
WP0925-RR-GAS-WP
WP0925-RR-DIES-WP
WP0925-RR-8011-WP
WP0925-RR-PAH-WP
WP0925-RR-TRIAZINE-WP

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 :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 3:09 pm, Oct 24, 2025

Date: 10/10/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Alliance Technical Group, LLC - Newark

Project Name: NJ Waste Water PT

Project # N/A

Order ID # Q3015

Test Name: PESTICIDE Group3

A. Number of Samples and Date of Receipt:

2 Water samples were received on 09/04/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: PESTICIDE Group3. This data package contains results for PESTICIDE Group3.

C. Analytical Techniques:

The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df.; Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11. The analysis of PESTICIDE Group3s was based on method 608.3,8081B and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Retention Times were met for all analysis.

The Blank Spike met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

Sample WP0925-PT-TXP-WP was diluted due to high concentration.

E. Additional Comments:

F. Manual Integration Comments:

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

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



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Phone: 908 789 8900 Fax: 908 789 8922

above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 3:09 pm, Oct 24, 2025

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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



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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3015

MATRIX: Water

METHOD: 608.3,8081B/3510

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified.			✓
2. Standard Summary Submitted.			✓
3. Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD. The Initial Calibration met the requirements. The Continuous Calibration met the requirements.			✓
4. Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5. Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Blank Spike met requirements for all compounds.			✓
7. Retention Time Shift Meet Criteria (if applicable) Comments:			✓
8. Extraction Holding Time Met If not met, list number of days exceeded for each sample:			✓
9. Analysis Holding Time Met If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓



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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

ADDITIONAL COMMENTS:

Sample WP0925-PT-TXP-WP was diluted due to high concentration.

REVIEWED

By Sohil Jodhani, QA/QC Director at 9:49 am, Oct 24, 2025

QA REVIEW

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3015

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 10/10/2025

LAB CHRONICLE

OrderID:	Q3015	OrderDate:	9/4/2025 10:14:00 AM
Client:	Alliance Technical Group, LLC - Newark	Project:	NJ Waste Water PT
Contact:	Mohammad Ahmed	Location:	QA Office, VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3015-09	WP0925-PT-PEST-WP	WATER	PESTICIDE Group1	8081B	09/02/25	09/08/25	09/08/25	09/04/25
Q3015-09DL	WP0925-PT-PEST-WP DL	WATER	PESTICIDE Group1	8081B	09/02/25	09/08/25	09/08/25	09/04/25
Q3015-09DL 2	WP0925-PT-PEST-WP DL2	WATER	PESTICIDE Group1	8081B	09/02/25	09/08/25	09/08/25	09/04/25
Q3015-11	WP0925-PT-CHLR-WP	WATER	PESTICIDE Group2	8081B	09/02/25	09/10/25	09/10/25	09/04/25
Q3015-13	WP0925-PT-TXP-WP	WATER	PESTICIDE Group3	8081B	09/02/25	09/10/25	09/10/25	09/04/25
Q3015-13DL	WP0925-PT-TXP-WPD L	WATER	PESTICIDE Group3	8081B	09/02/25	09/10/25	09/10/25	09/04/25
Q3015-15	WP0925-PT-PCBW-W P	WATER	PCB	8082A	09/02/25	09/08/25	09/09/25	09/04/25
Q3015-17	WP0925-PT-HERB-WP	WATER	Herbicide group1	8151A	09/02/25	09/05/25	09/09/25	09/04/25
Q3015-18	WP0925-RR-GAS-WP	Water	Gasoline Range Organics	8015D	09/02/25		09/17/25	09/04/25
Q3015-19	WP0925-RR-DIES-WP	Water	Diesel Range Organics	8015D	09/02/25	09/17/25	09/18/25	09/04/25

LAB CHRONICLE

Q3015-20	WP0925-RR-8011-WP	WATER			09/02/25		09/04/25
			VOCGC Group 1	8011		10/07/25	10/07/25
Q3015-20DL	WP0925-RR-8011-WP DL	WATER			09/02/25		09/04/25
			VOCGC Group 1	8011		10/07/25	10/07/25

Hit Summary Sheet
SW-846

SDG No.: Q3015

Order ID: Q3015

Client: Alliance Technical Group, LLC - Newark

Project ID: NJ Waste Water PT

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WP0925-PT-TXP-WP							
Q3015-13	WP0925-PT-TXP-WP WATER	Toxaphene	40.2	E	0.17	1.00	ug/L
Total Concentration:			40.200				
Client ID : WP0925-PT-TXP-WPDL							
Q3015-13DL	WP0925-PT-TXP-WP WATER	Toxaphene	42.7	D	1.70	10.0	ug/L
Total Concentration:			42.700				



QC SUMMARY

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Surrogate Summary

SDG No.: **Q3015**

Client: **Alliance Technical Group, LLC - Newark**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD089961.D	PIBLK-PD089961.D	Decachlorobiphen	1	20	19.3	96		57	171
		Tetrachloro-m-xyl	1	20	17.4	87		61	148
		Decachlorobiphen	2	20	18.3	91		57	171
		Tetrachloro-m-xyl	2	20	17.5	88		61	148
I.BLK-PD090219.D	PIBLK-PD090219.D	Decachlorobiphen	1	20	19.3	97		57	171
		Tetrachloro-m-xyl	1	20	17.9	89		61	148
		Decachlorobiphen	2	20	20.1	101		57	171
		Tetrachloro-m-xyl	2	20	20.3	101		61	148
Q3015-13	WP0925-PT-TXP-WP	Decachlorobiphen	1	20	19.4	97		57	171
		Tetrachloro-m-xyl	1	20	18.1	90		61	148
		Decachlorobiphen	2	20	21.4	107		57	171
		Tetrachloro-m-xyl	2	20	20.5	103		61	148
Q3015-13DL	WP0925-PT-TXP-WPDL	Decachlorobiphen	1	20	23.4	117		57	171
		Tetrachloro-m-xyl	1	20	19.7	99		61	148
		Decachlorobiphen	2	20	25.5	128		57	171
		Tetrachloro-m-xyl	2	20	22.6	113		61	148
PB169637BL	PB169637BL	Decachlorobiphen	1	20	19.8	99		57	171
		Tetrachloro-m-xyl	1	20	16.8	84		61	148
		Decachlorobiphen	2	20	20.2	101		57	171
		Tetrachloro-m-xyl	2	20	20.1	100		61	148
I.BLK-PD090232.D	PIBLK-PD090232.D	Decachlorobiphen	1	20	19.9	99		57	171
		Tetrachloro-m-xyl	1	20	17.1	86		61	148
		Decachlorobiphen	2	20	21.2	106		57	171
		Tetrachloro-m-xyl	2	20	20.4	102		61	148
I.BLK-PD090237.D	PIBLK-PD090237.D	Decachlorobiphen	1	20	19.4	97		57	171
		Tetrachloro-m-xyl	1	20	16.6	83		61	148
		Decachlorobiphen	2	20	21.1	106		57	171
		Tetrachloro-m-xyl	2	20	20.3	101		61	148
PB169637BS	PB169637BS	Decachlorobiphen	1	20	20.3	101		57	171
		Tetrachloro-m-xyl	1	20	15.8	79		61	148
		Decachlorobiphen	2	20	21.7	108		57	171
		Tetrachloro-m-xyl	2	20	20.0	100		61	148
I.BLK-PD090252.D	PIBLK-PD090252.D	Decachlorobiphen	1	20	19.7	98		57	171
		Tetrachloro-m-xyl	1	20	16.1	81		61	148
		Decachlorobiphen	2	20	21.8	109		57	171
		Tetrachloro-m-xyl	2	20	20.1	101		61	148

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3015</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Alliance Technical Group, LLC - Newark</u>	Datafile :	<u>PD090242.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169637BS (Column 1)	Toxaphene	2	2.00	ug/L	100				80	120		
PB169637BS (Column 2)	Toxaphene	2	2.30	ug/L	115				80	120		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169637BL

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Lab Sample ID: PB169637BL

Lab File ID: PD090229.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/10/2025

Date Analyzed (1): 09/10/2025

Date Analyzed (2): 09/10/2025

Time Analyzed (1): 17:29

Time Analyzed (2): 17:29

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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
WP0925-PT-TXP-WP	Q3015-13	PD090225.D	09/10/2025	09/10/2025
PB169637BS	PB169637BS	PD090242.D	09/11/2025	09/11/2025

COMMENTS: _____



SAMPLE DATA

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Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/02/25
Project:	NJ Waste Water PT	Date Received:	09/04/25
Client Sample ID:	WP0925-PT-TXP-WP	SDG No.:	Q3015
Lab Sample ID:	Q3015-13	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group3
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090225.D	1	09/10/25 08:48	09/10/25 16:28	PB169637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
8001-35-2	Toxaphene	40.2	E	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.4		57 - 171	107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.5		61 - 148	103%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
 Data File : PD090225.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 16:28
 Operator : AR\AJ
 Sample : Q3015-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WP0925-PT-TXP-WP

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/11/2025
 Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 08:13:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 05:29:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.547	2.877	53836413	458.3E6	18.051	20.528
7) SA Decachlor...	9.068	8.064	83894164	568.5E6	19.370	21.421m
Target Compounds						
2) Toxaphene-1	6.244	5.468	192.6E6	1081.9E6	4448.509	4724.337
3) Toxaphene-2	6.439	5.640	392.5E6	1265.1E6	7063.305	8245.318
4) Toxaphene-3	7.143	6.738	502.5E6	2694.3E6	4765.511	3713.153
5) Toxaphene-4	7.562	7.193	311.2E6	1021.0E6	2308.179	2058.693
6) Toxaphene-5	7.927	7.326	117.5E6	157.6E6	1528.438	439.055 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090225.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 16:28
Operator : AR\AJ
Sample : Q3015-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

WP0925-PT-TXP-WP

Manual Integrations

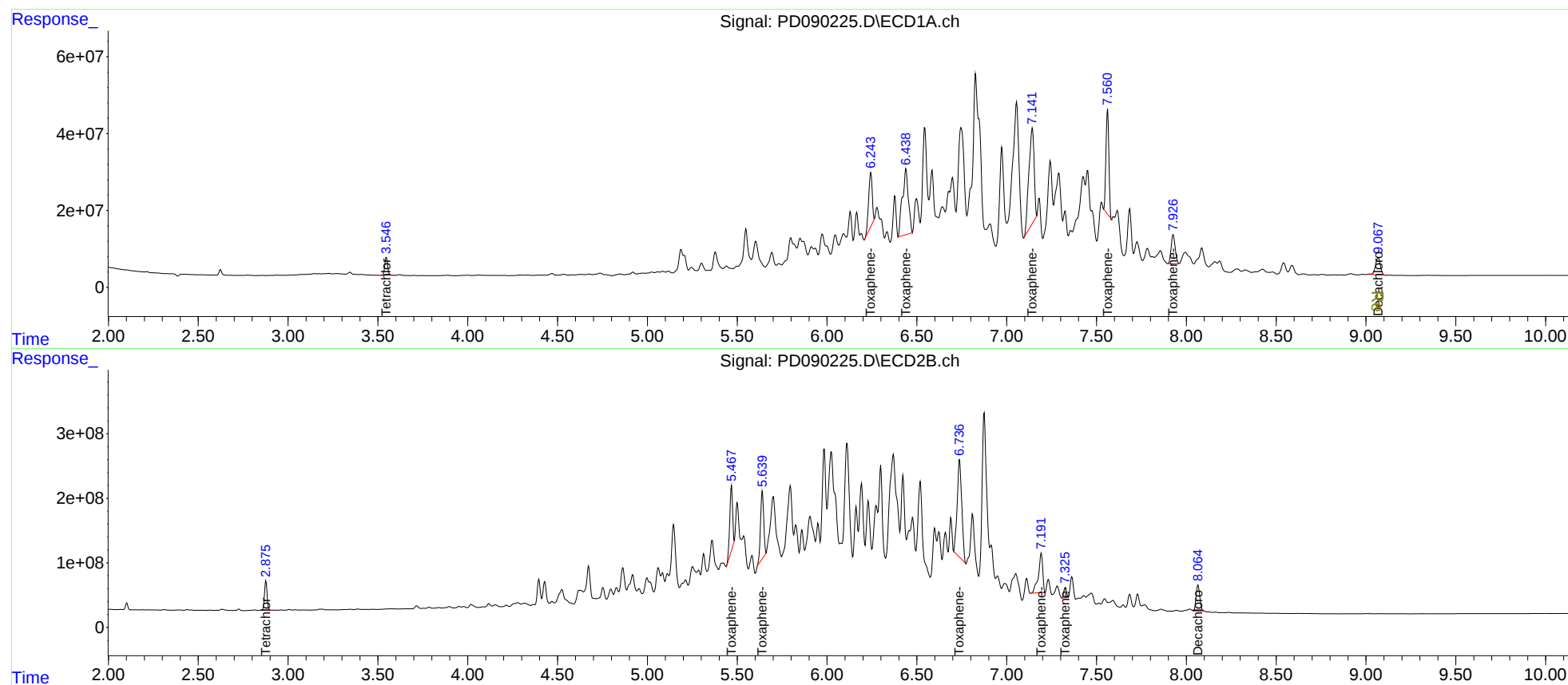
APPROVED

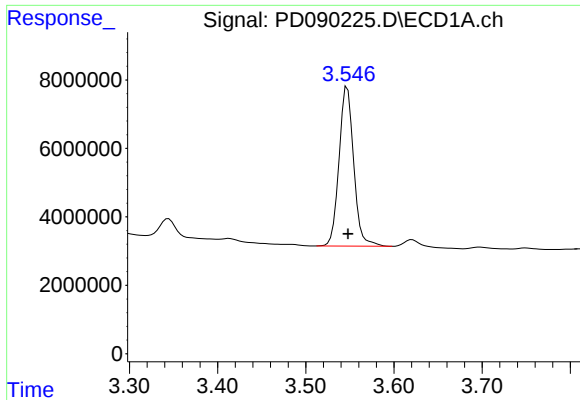
Reviewed By :Abdul Mirza 09/11/2025

Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 08:13:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:29:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm





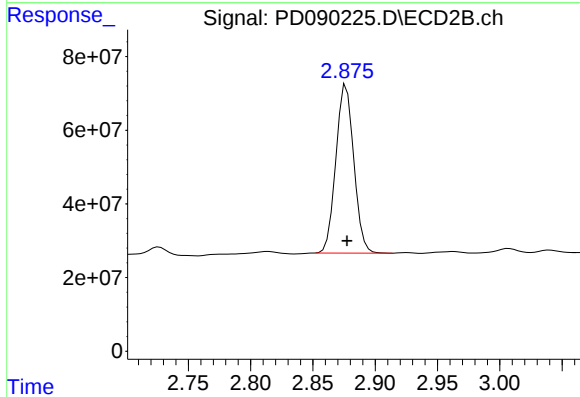
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 53836413
Conc: 18.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-TXP-WP

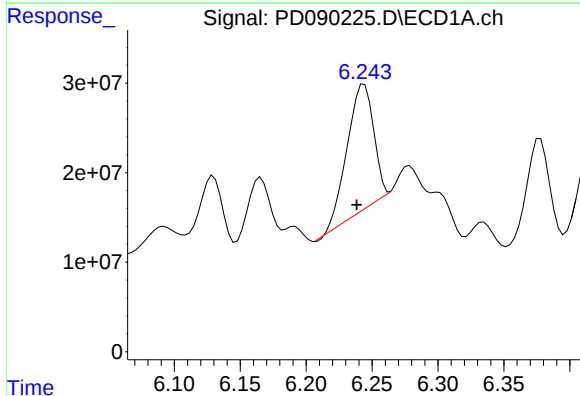
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 10/11/2025



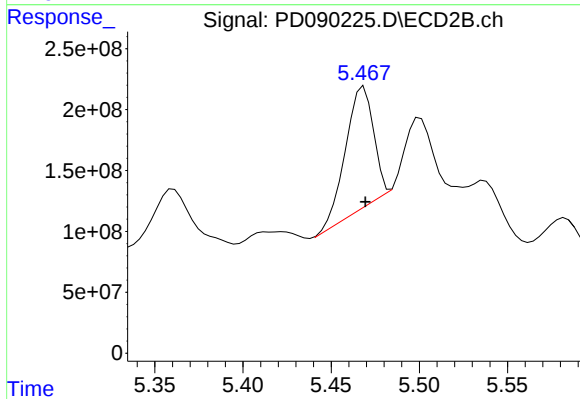
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 458277250
Conc: 20.53 ng/ml



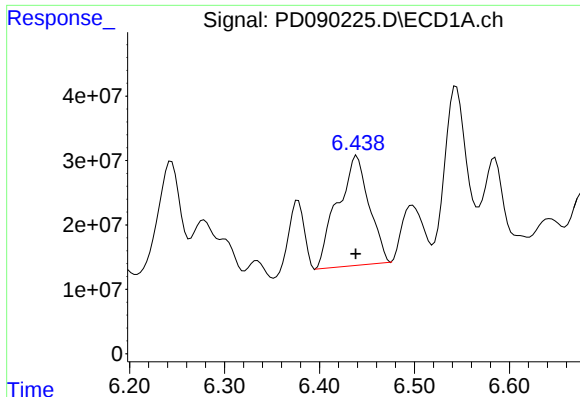
#2 Toxaphene-1

R.T.: 6.244 min
Delta R.T.: 0.006 min
Response: 192630540
Conc: 4448.51 ng/ml



#2 Toxaphene-1

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 1081897473
Conc: 4724.34 ng/ml



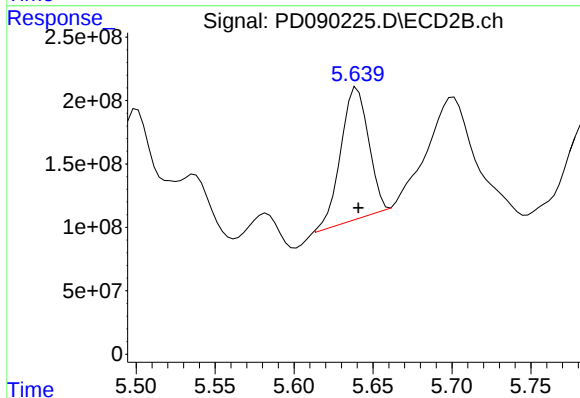
#3 Toxaphene-2

R.T.: 6.439 min
Delta R.T.: 0.001 min
Response: 392467656
Conc: 7063.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-TXP-WP

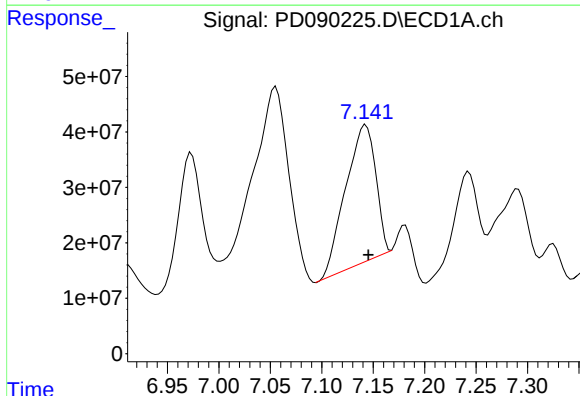
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 10/11/2025



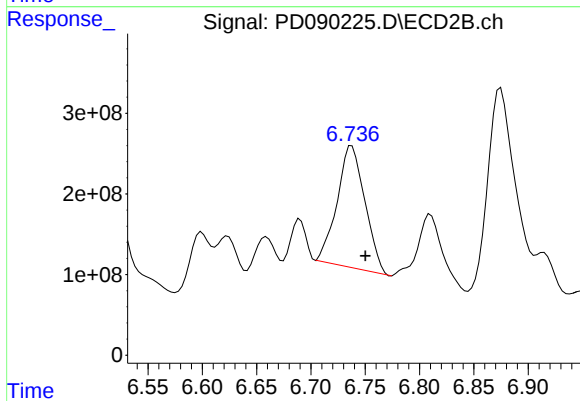
#3 Toxaphene-2

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 1265052378
Conc: 8245.32 ng/ml



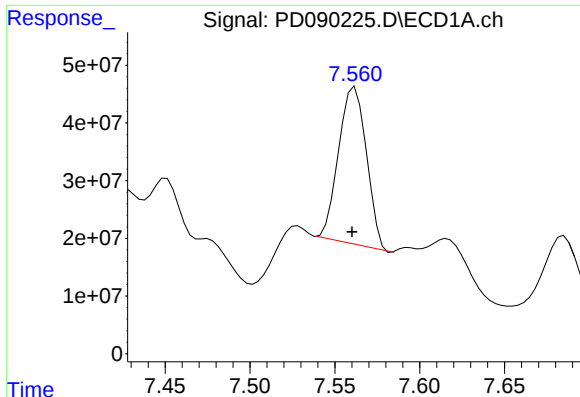
#4 Toxaphene-3

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 502461963
Conc: 4765.51 ng/ml



#4 Toxaphene-3

R.T.: 6.738 min
Delta R.T.: -0.013 min
Response: 2694261060
Conc: 3713.15 ng/ml



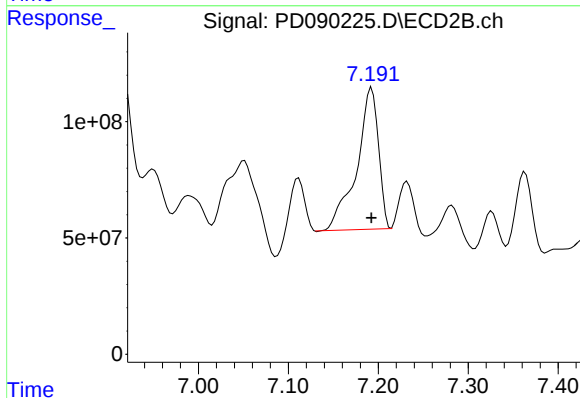
#5 Toxaphene-4

R.T.: 7.562 min
Delta R.T.: 0.002 min
Response: 311214577
Conc: 2308.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-TXP-WP

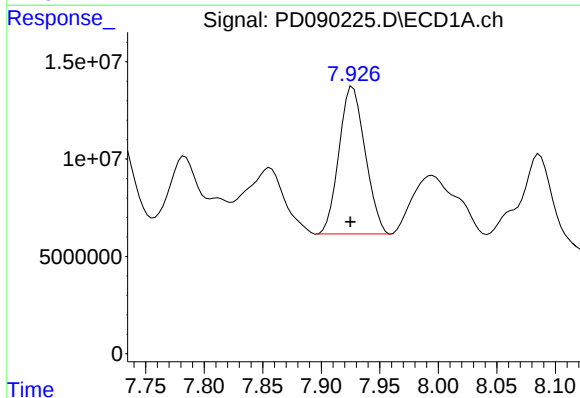
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 10/11/2025



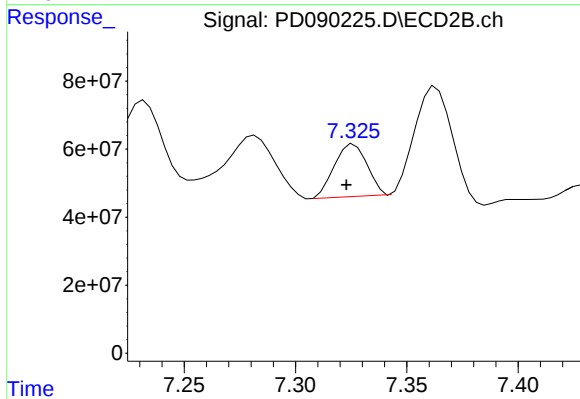
#5 Toxaphene-4

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 1020986405
Conc: 2058.69 ng/ml



#6 Toxaphene-5

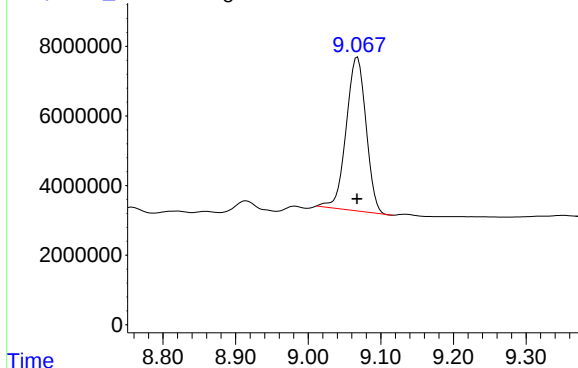
R.T.: 7.927 min
Delta R.T.: 0.002 min
Response: 117538720
Conc: 1528.44 ng/ml



#6 Toxaphene-5

R.T.: 7.326 min
Delta R.T.: 0.003 min
Response: 157597388
Conc: 439.06 ng/ml

Signal: PD090225.D\ECD1A.ch



#7 Decachlorobiphenyl

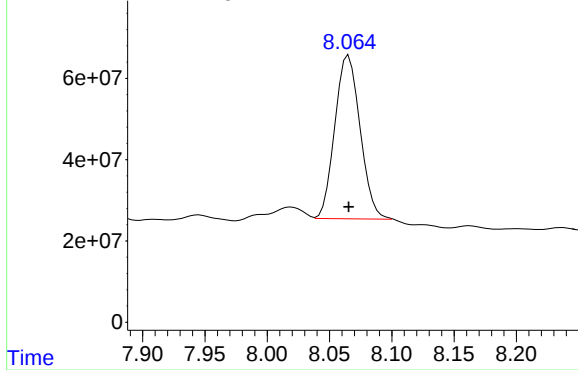
R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 83894164
Conc: 19.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-TXP-WP

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 10/11/2025

Signal: PD090225.D\ECD2B.ch



#7 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 568515298
Conc: 21.42 ng/ml m

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/02/25
Project:	NJ Waste Water PT	Date Received:	09/04/25
Client Sample ID:	WP0925-PT-TXP-WPDL	SDG No.:	Q3015
Lab Sample ID:	Q3015-13DL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group3
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090226.D	10	09/10/25 08:48	09/10/25 16:48	PB169637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
8001-35-2	Toxaphene	42.7	D	1.70	10.0	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.5		57 - 171	128%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.6		61 - 148	113%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
 Data File : PD090226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 16:48
 Operator : AR\AJ
 Sample : Q3015-13DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WP0925-PT-TXP-WPDL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/11/2025
 Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 08:13:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 05:29:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.552	2.876	5868145	50497713	1.968	2.262
7) SA Decachlor...	9.073	8.066	10141960	67698487	2.342	2.551
Target Compounds						
2) Toxaphene-1	6.249	5.469	20307193	125.9E6	468.964	549.754
3) Toxaphene-2	6.445	5.640	36643514	146.6E6	659.479	955.542 #
4) Toxaphene-3	7.147	6.739	45249544	294.6E6	429.161	406.068
5) Toxaphene-4	7.566	7.192	29466685	87776280	218.545	176.990m
6) Toxaphene-5	7.931	7.327	11692674	16751057	152.048	46.667 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090226.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 16:48
Operator : AR\AJ
Sample : Q3015-13DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

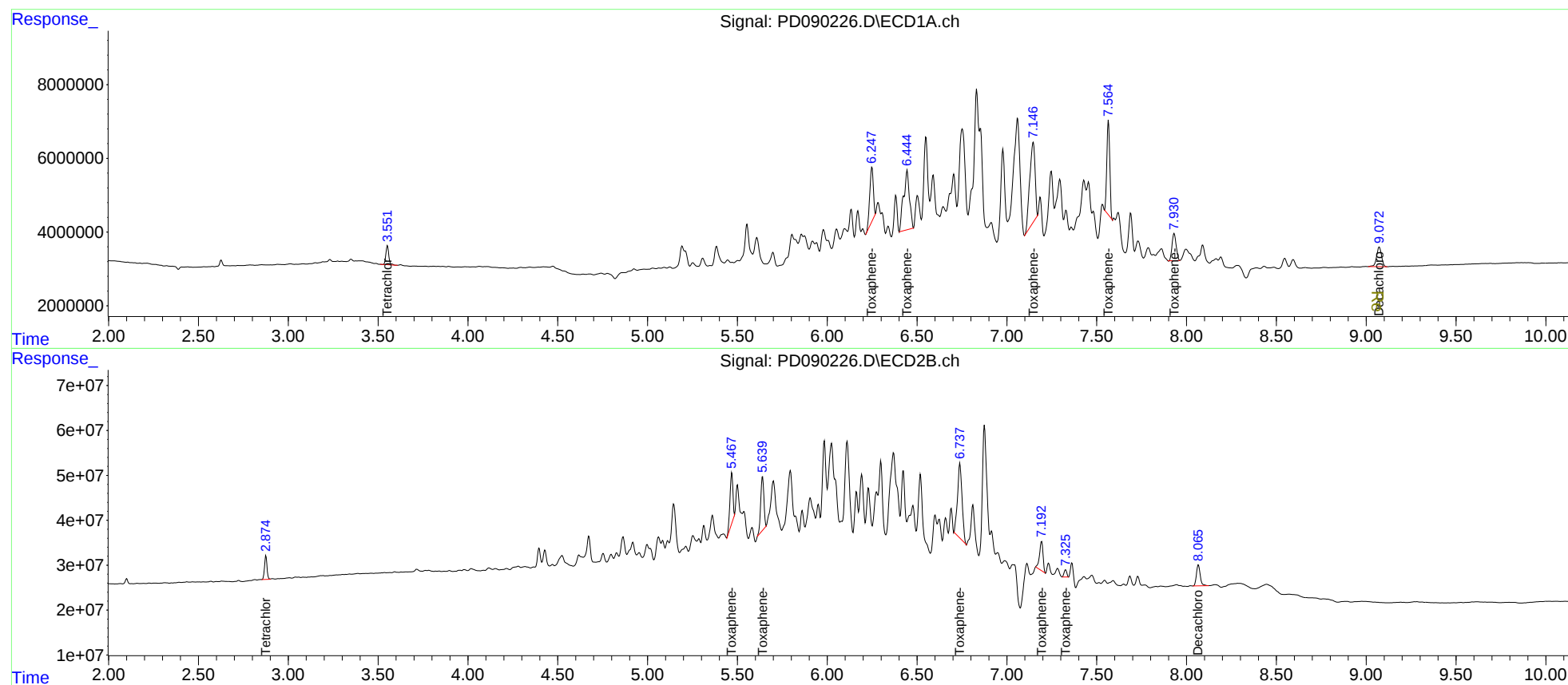
Instrument :
ECD_D
ClientSampleId :
WP0925-PT-TXP-WPDL

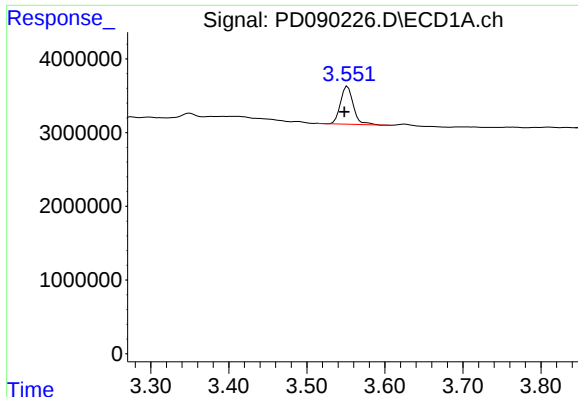
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/11/2025
Supervised By : mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 08:13:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:29:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.004 min
Response: 5868145
Conc: 1.97 ng/ml

Instrument :

ECD_D

ClientSampleId :

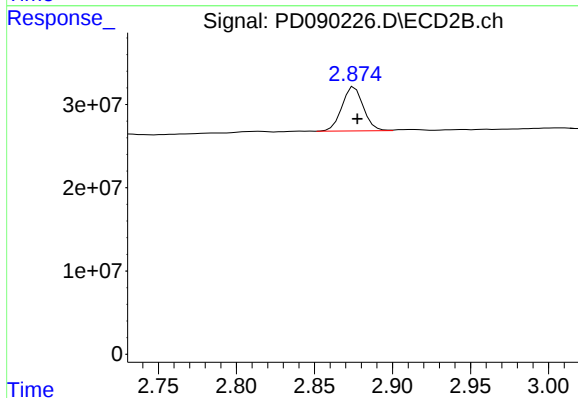
WP0925-PT-TXP-WPDL

Manual Integrations

APPROVED

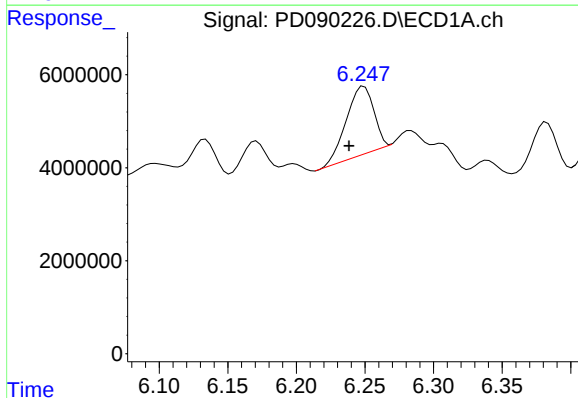
Reviewed By :Abdul Mirza 09/11/2025

Supervised By :mohammad ahmed 10/11/2025



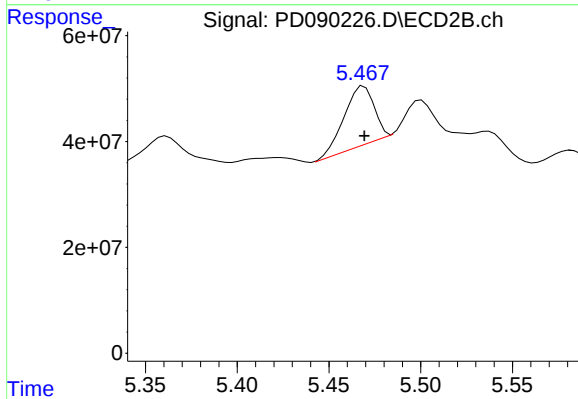
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 50497713
Conc: 2.26 ng/ml



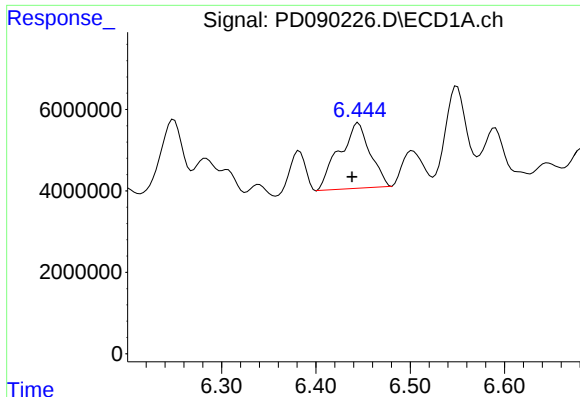
#2 Toxaphene-1

R.T.: 6.249 min
Delta R.T.: 0.011 min
Response: 20307193
Conc: 468.96 ng/ml



#2 Toxaphene-1

R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 125896590
Conc: 549.75 ng/ml



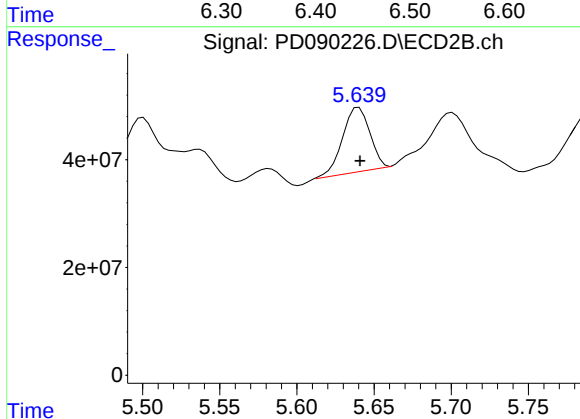
#3 Toxaphene-2

R.T.: 6.445 min
Delta R.T.: 0.007 min
Response: 36643514
Conc: 659.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-TXP-WPDL

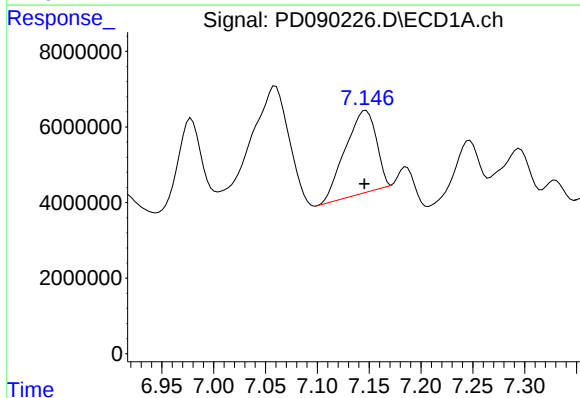
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 10/11/2025



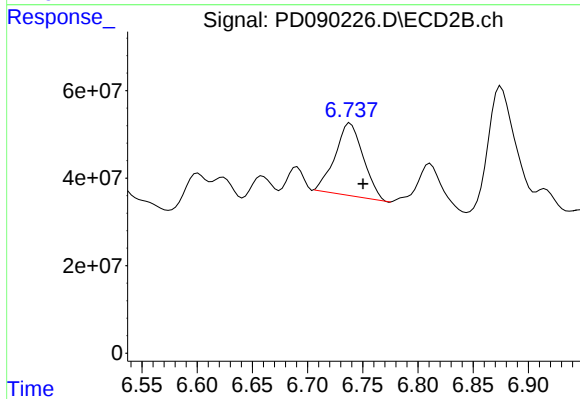
#3 Toxaphene-2

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 146605690
Conc: 955.54 ng/ml



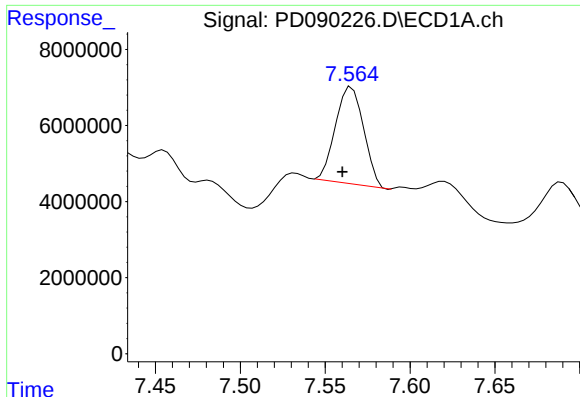
#4 Toxaphene-3

R.T.: 7.147 min
Delta R.T.: 0.001 min
Response: 45249544
Conc: 429.16 ng/ml



#4 Toxaphene-3

R.T.: 6.739 min
Delta R.T.: -0.012 min
Response: 294642966
Conc: 406.07 ng/ml



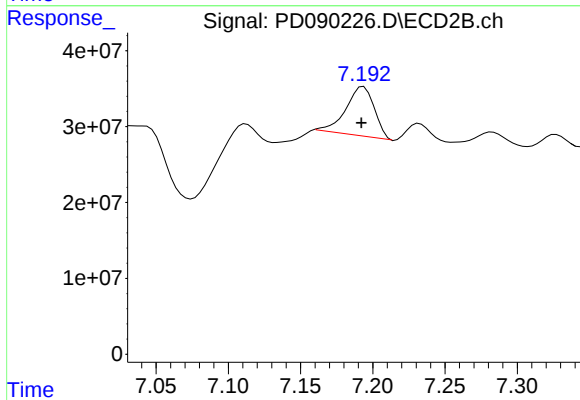
#5 Toxaphene-4

R.T.: 7.566 min
Delta R.T.: 0.005 min
Response: 29466685
Conc: 218.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-TXP-WPDL

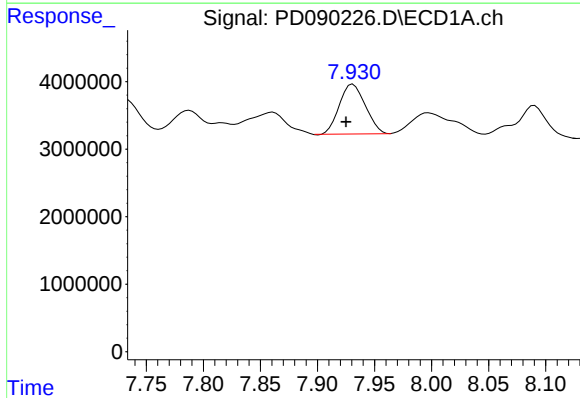
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 10/11/2025



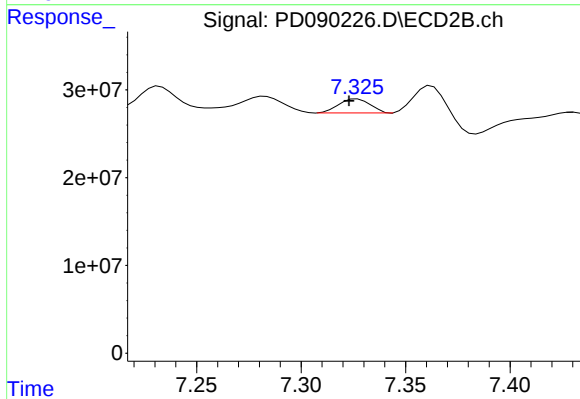
#5 Toxaphene-4

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 87776280
Conc: 176.99 ng/ml m



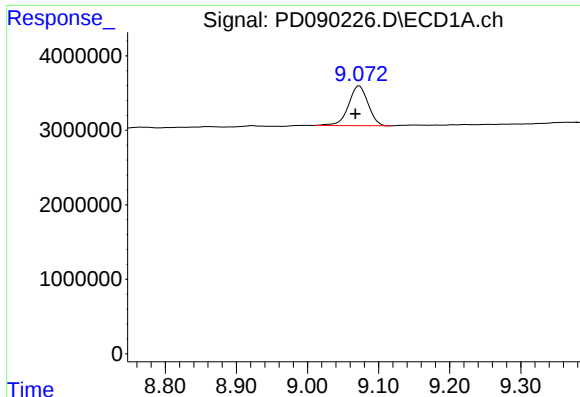
#6 Toxaphene-5

R.T.: 7.931 min
Delta R.T.: 0.006 min
Response: 11692674
Conc: 152.05 ng/ml



#6 Toxaphene-5

R.T.: 7.327 min
Delta R.T.: 0.004 min
Response: 16751057
Conc: 46.67 ng/ml



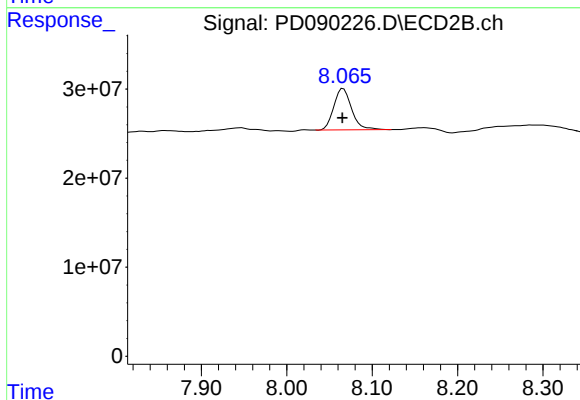
#7 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.005 min
Response: 10141960
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-TXP-WPDL

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 10/11/2025



#7 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 67698487
Conc: 2.55 ng/ml



CALIBRATION SUMMARY

1
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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ALLI03</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3015</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>08/18/2025</u> <u>08/18/2025</u>
		Calibration Times:	<u>15:00</u> <u>15:58</u>

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

LAB FILE ID:	RT 1000 = <u>PD089974.D</u>	RT 750 = <u>PD089975.D</u>
RT 500 = <u>PD089976.D</u>	RT 250 = <u>PD089977.D</u>	RT 100 = <u>PD089978.D</u>

COMPOUND	RT 1000	RT 750	RT 500	RT 250	RT 100	MEAN RT	RT WINDOW	
							FROM	TO
Decachlorobiphenyl	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
Tetrachloro-m-xylene	3.55	3.55	3.55	3.55	3.55	3.55	3.45	3.65
Toxaphene-1 (1)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Toxaphene-2 (2)	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
Toxaphene-3 (3)	7.15	7.15	7.15	7.14	7.14	7.15	7.05	7.25
Toxaphene-4 (4)	7.56	7.56	7.56	7.56	7.56	7.56	7.46	7.66
Toxaphene-5 (5)	7.93	7.93	7.93	7.93	7.92	7.93	7.83	8.03

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ALLI03</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3015</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>08/18/2025</u> <u>08/18/2025</u>
		Calibration Times:	<u>15:00</u> <u>15:58</u>

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

LAB FILE ID:	RT 1000 = <u>PD089974.D</u>	RT 750 = <u>PD089975.D</u>
RT 500 = <u>PD089976.D</u>	RT 250 = <u>PD089977.D</u>	RT 100 = <u>PD089978.D</u>

COMPOUND	RT 1000	RT 750	RT 500	RT 250	RT 100	MEAN RT	RT WINDOW	
							FROM	TO
Decachlorobiphenyl	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Tetrachloro-m-xylene	2.88	2.88	2.88	2.88	2.88	2.88	2.78	2.98
Toxaphene-1 (1)	5.47	5.47	5.47	5.47	5.47	5.47	5.37	5.57
Toxaphene-2 (2)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Toxaphene-3 (3)	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Toxaphene-4 (4)	7.19	7.19	7.19	7.19	7.19	7.19	7.09	7.29
Toxaphene-5 (5)	7.32	7.32	7.32	7.32	7.32	7.32	7.22	7.42

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ALLI03
SDG NO.: Q3015

Calibration Date(s): 08/18/2025 08/18/2025
Calibration Times: 15:00 15:58

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

LAB FILE ID:		CF 1000 =	<u>PD089974.D</u>	CF 750 =	<u>PD089975.D</u>			
CF 500 =		<u>PD089976.D</u>	CF 250 =	<u>PD089977.D</u>	CF 100 =	<u>PD089978.D</u>		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 100	CF	% RSD
Decachlorobiphenyl		402352000	406060000	415531000	435365000	506248000	433111000	10
Tetrachloro-m-xylene		297748000	292698000	291472000	289940000	319390000	298249000	4
Toxaphene-1	(1)	38651700	39213900	40562300	44934500	53148900	43302300	14
Toxaphene-2	(2)	54496600	53467600	53517200	55151900	61188200	55564300	6
Toxaphene-3	(3)	106381000	102475000	101826000	101252000	115251000	105437000	6
Toxaphene-4	(4)	138885000	134791000	130379000	130057000	140044000	134831000	3
Toxaphene-5	(5)	76383200	74646300	75181300	76181300	82113700	76901200	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ALLI03
SDG NO.: Q3015

Calibration Date(s): 08/18/2025 08/18/2025
Calibration Times: 15:00 15:58

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

LAB FILE ID:		CF 1000 =	<u>PD089974.D</u>	CF 750 =	<u>PD089975.D</u>			
CF 500 =		<u>PD089976.D</u>	CF 250 =	<u>PD089977.D</u>	CF 100 =	<u>PD089978.D</u>		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 100	CF	% RSD
Decachlorobiphenyl		2485870000	2496790000	2557990000	2652980000	3076330000	2653990000	9
Tetrachloro-m-xylene		2116130000	2115180000	2169310000	2224090000	2537440000	2232430000	8
Toxaphene-1	(1)	212855000	215059000	218810000	234269000	264034000	229005000	9
Toxaphene-2	(2)	144579000	147234000	149373000	154059000	171889000	153427000	7
Toxaphene-3	(3)	712463000	716275000	724168000	714918000	760173000	725599000	3
Toxaphene-4	(4)	468732000	470961000	490399000	499721000	549883000	495939000	7
Toxaphene-5	(5)	362677000	364597000	361533000	348961000	356965000	358947000	2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
Data File : PD089974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:00
Operator : AR\AJ
Sample : PTOXICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:18:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:08:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.548	2.878	297.7E6	2116.1E6	102.153	97.549
7) SA Decachlor...	9.067	8.066	402.4E6	2485.9E6	96.828	97.180
Target Compounds						
2) Toxaphene-1	6.239	5.470	38651749	212.9E6	952.898	972.785
3) Toxaphene-2	6.439	5.641	54496644	144.6E6	1018.302	967.904
4) Toxaphene-3	7.146	6.751	106.4E6	712.5E6	1044.738	983.836
5) Toxaphene-4	7.560	7.192	138.9E6	468.7E6	1065.240	955.817
6) Toxaphene-5	7.926	7.323	76383192	362.7E6	1015.986	1003.163

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
Data File : PD089974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:00
Operator : AR\AJ
Sample : PTOXICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

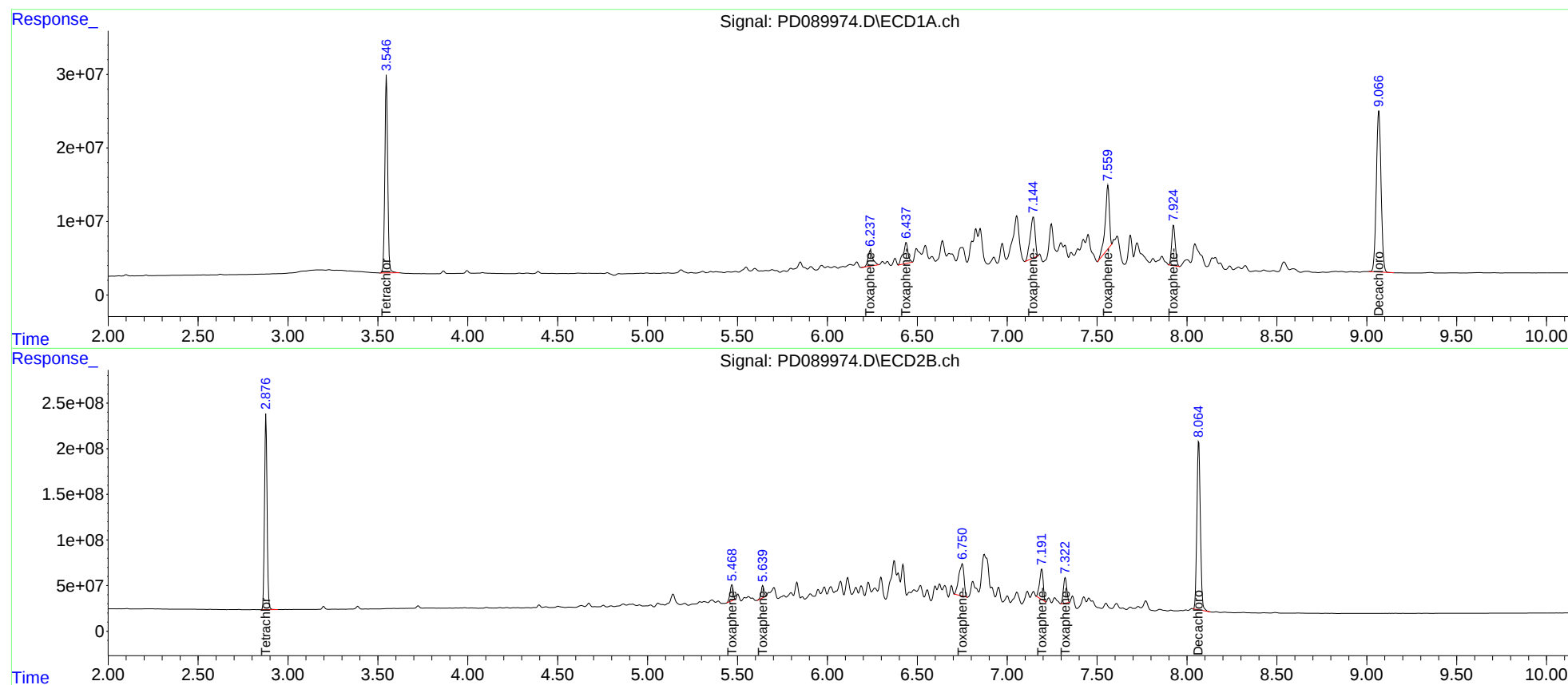
ECD_D

ClientSampleId :

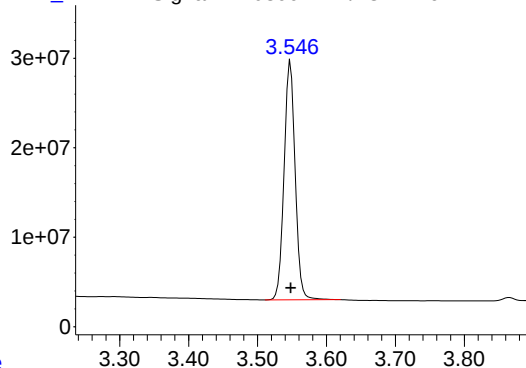
PTOXICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:18:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:08:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm



Response_ Signal: PD089974.D\ECD1A.ch

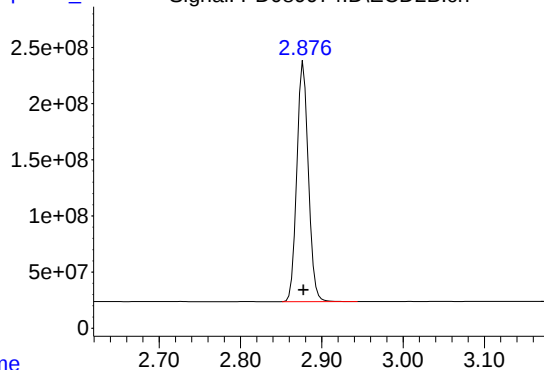


#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 297747614
Conc: 102.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC1000

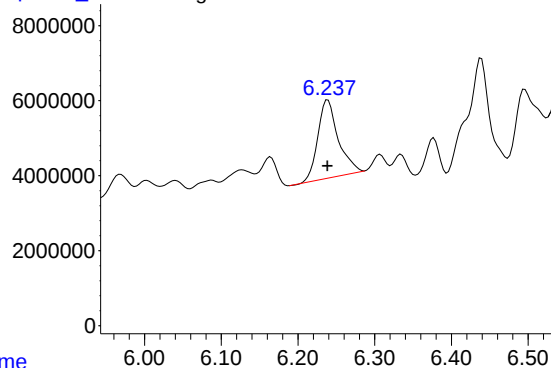
Time Response_ Signal: PD089974.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 2116129069
Conc: 97.55 ng/ml

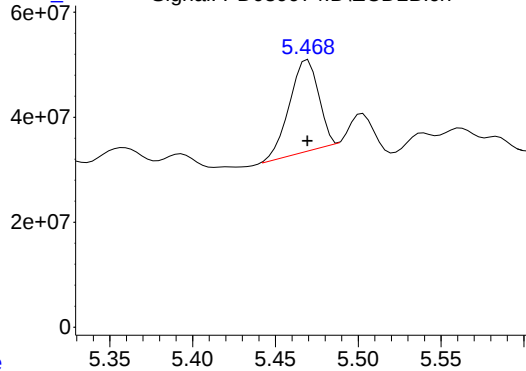
Time Response_ Signal: PD089974.D\ECD1A.ch



#2 Toxaphene-1

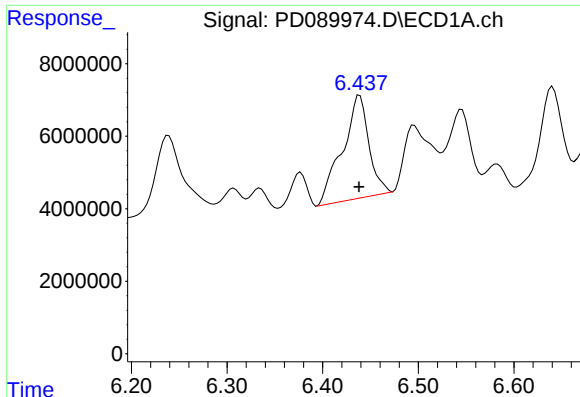
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 38651749
Conc: 952.90 ng/ml

Time Response_ Signal: PD089974.D\ECD2B.ch



#2 Toxaphene-1

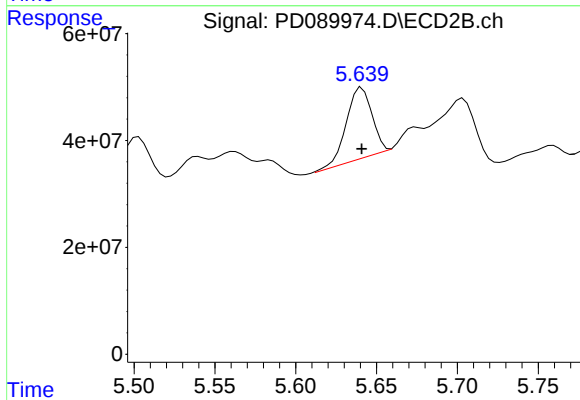
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 212854845
Conc: 972.79 ng/ml



#3 Toxaphene-2

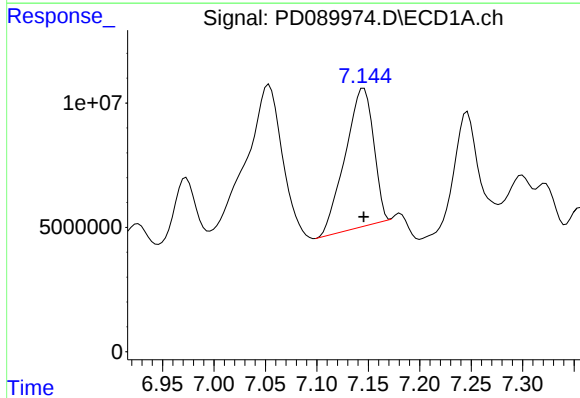
R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 54496644
Conc: 1018.30 ng/m

Instrument :
ECD_D
ClientSampleId :
PTOXICC1000



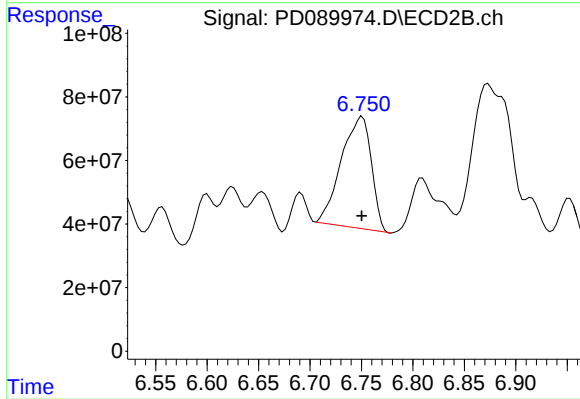
#3 Toxaphene-2

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 144578607
Conc: 967.90 ng/ml



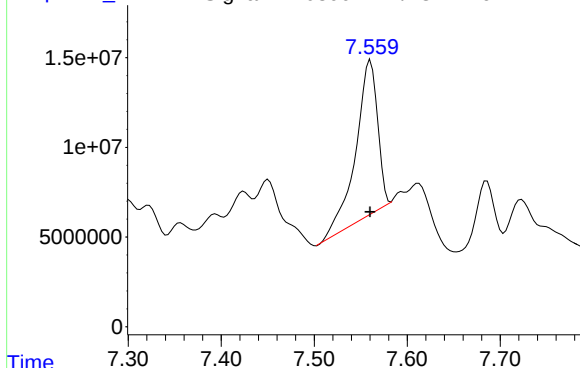
#4 Toxaphene-3

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 106381331
Conc: 1044.74 ng/ml



#4 Toxaphene-3

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 712462504
Conc: 983.84 ng/ml



R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 138885016
Conc: 1065.24 ng/ml

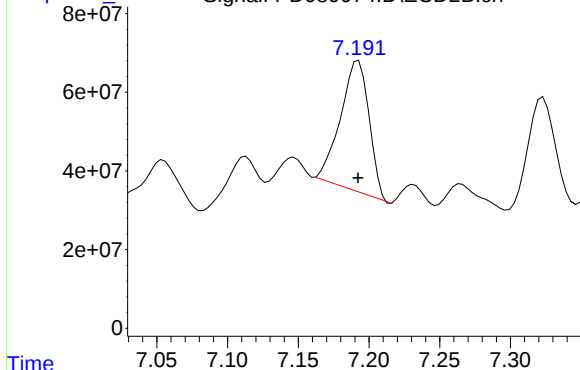
Instrument :
ECD_D
ClientSampleId :
PTOXICC1000

Time

Response

Signal: PD089974.D\ECD2B.ch

#5 Toxaphene-4



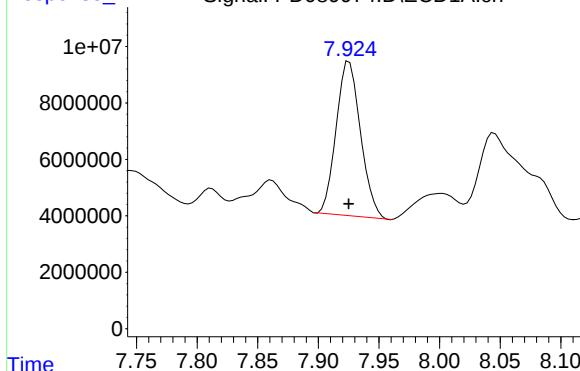
R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 468732081
Conc: 955.82 ng/ml

Time

Response

Signal: PD089974.D\ECD1A.ch

#6 Toxaphene-5



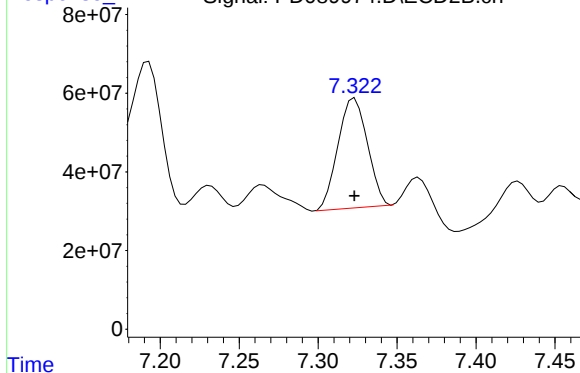
R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 76383192
Conc: 1015.99 ng/ml

Time

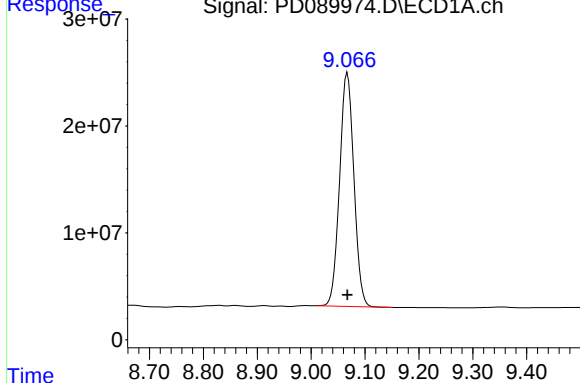
Response

Signal: PD089974.D\ECD2B.ch

#6 Toxaphene-5



R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 362676863
Conc: 1003.16 ng/ml



R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 402351948
Conc: 96.83 ng/ml

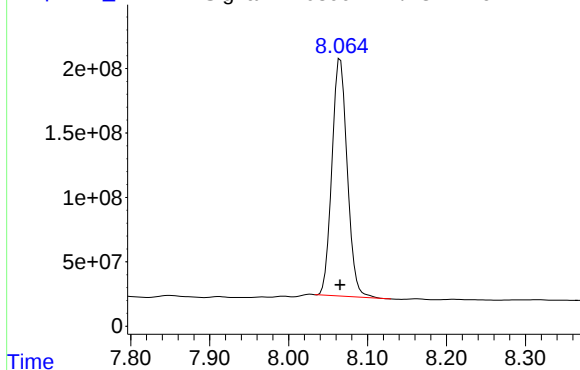
Instrument :
ECD_D
ClientSampleId :
PTOXICC1000

Time

Response_

Signal: PD089974.D\ECD2B.ch

#7 Decachlorobiphenyl



R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 2485866947
Conc: 97.18 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
Data File : PD089975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:17
Operator : AR\AJ
Sample : PTOXICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:18:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:08:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.552	2.877	219.5E6	1586.4E6	75.316	73.129
7) SA Decachlor...	9.072	8.066	304.5E6	1872.6E6	73.290	73.205
Target Compounds						
2) Toxaphene-1	6.242	5.470	29410441	161.3E6	725.068	737.143
3) Toxaphene-2	6.442	5.641	40100688	110.4E6	749.305	739.263
4) Toxaphene-3	7.149	6.752	76856462	537.2E6	754.784	741.825
5) Toxaphene-4	7.564	7.193	101.1E6	353.2E6	775.379	720.272
6) Toxaphene-5	7.930	7.324	55984757	273.4E6	744.663	756.357

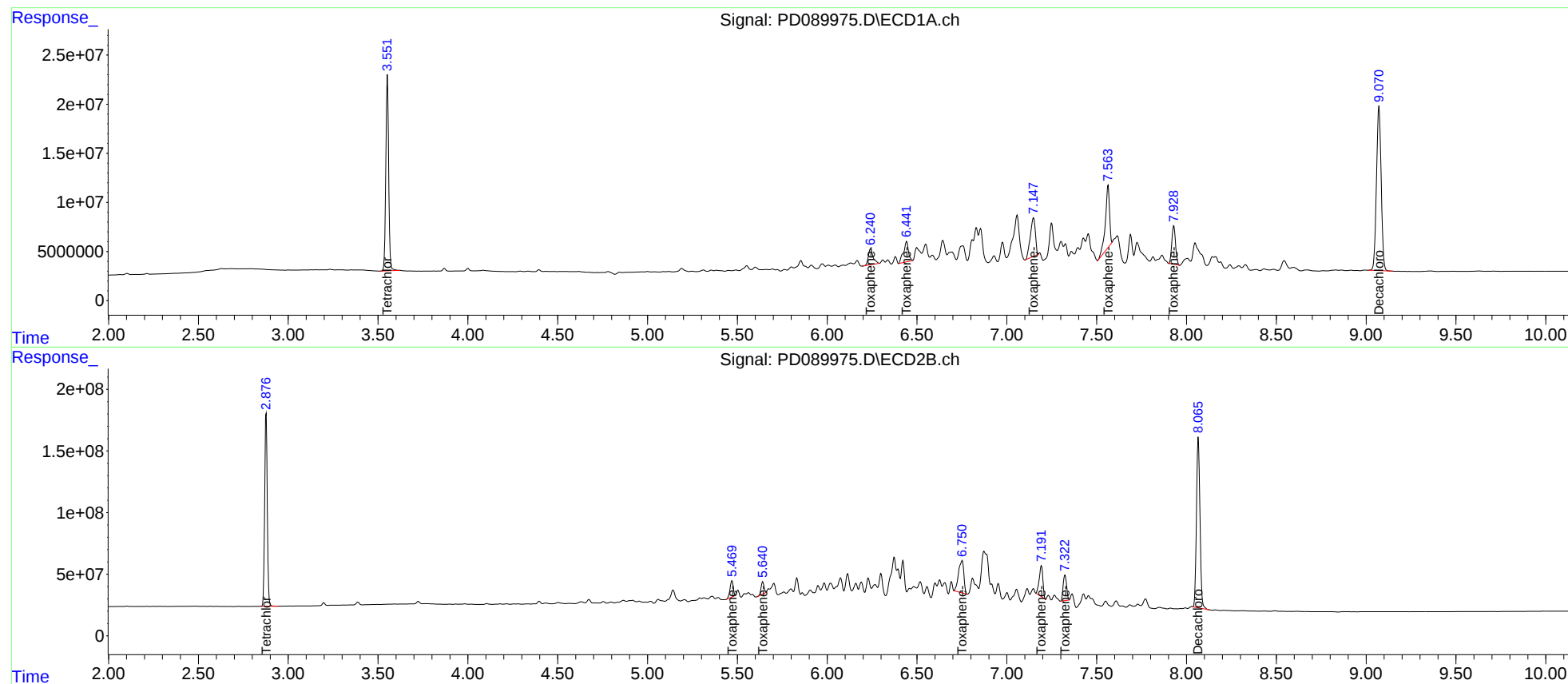
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

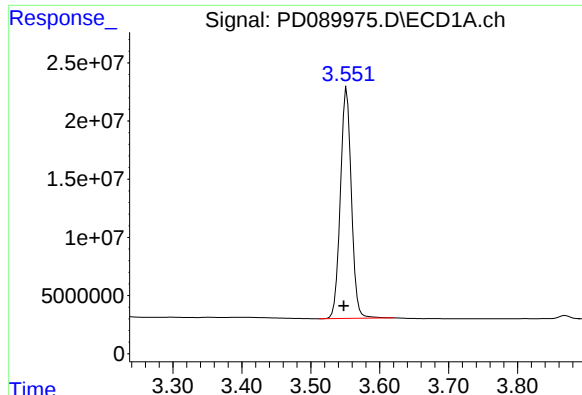
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
Data File : PD089975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:17
Operator : AR\AJ
Sample : PTOXICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_D
Client Sampled :
PTOXICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:18:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:08:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

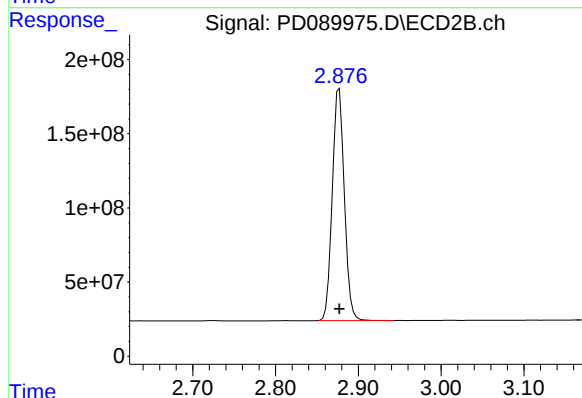




#1 Tetrachloro-m-xylene

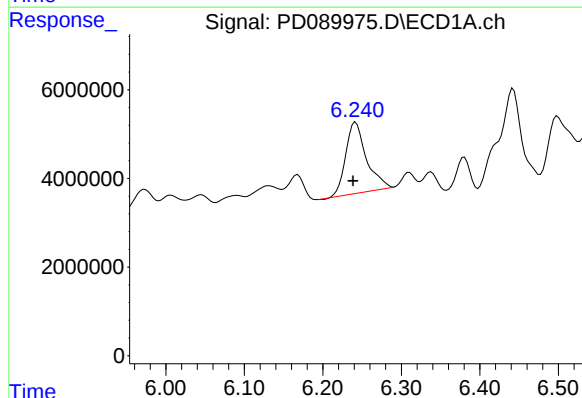
R.T.: 3.552 min
Delta R.T.: 0.004 min
Response: 219523473
Conc: 75.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC750



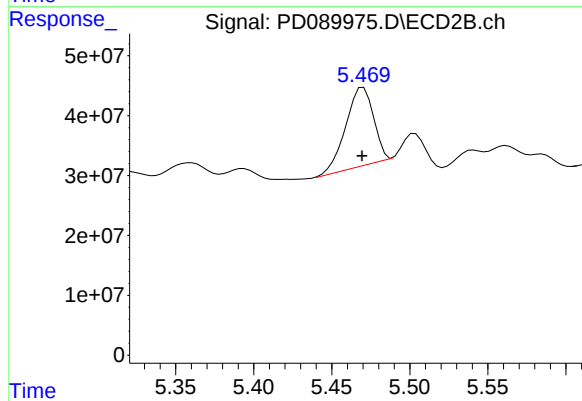
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 1586388029
Conc: 73.13 ng/ml



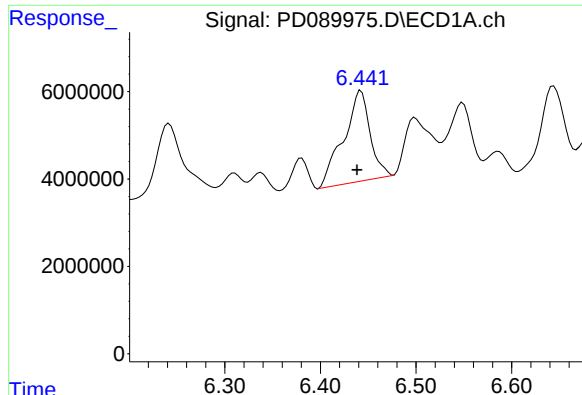
#2 Toxaphene-1

R.T.: 6.242 min
Delta R.T.: 0.003 min
Response: 29410441
Conc: 725.07 ng/ml



#2 Toxaphene-1

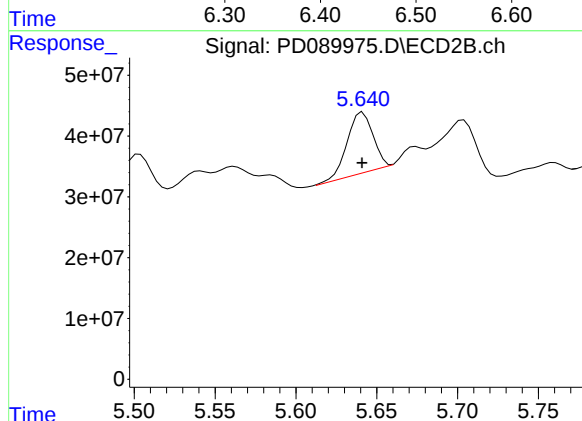
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 161293909
Conc: 737.14 ng/ml



#3 Toxaphene-2

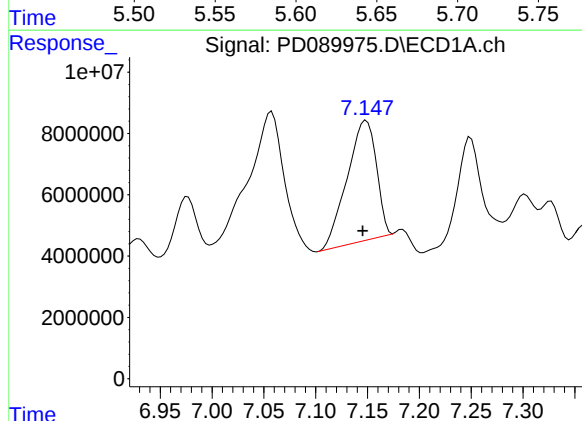
R.T.: 6.442 min
Delta R.T.: 0.004 min
Response: 40100688
Conc: 749.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC750



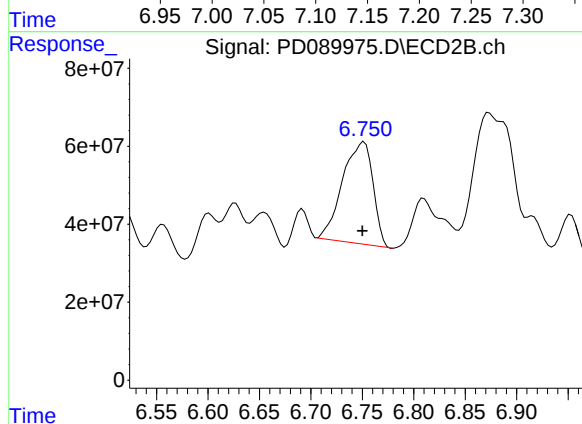
#3 Toxaphene-2

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 110425829
Conc: 739.26 ng/ml



#4 Toxaphene-3

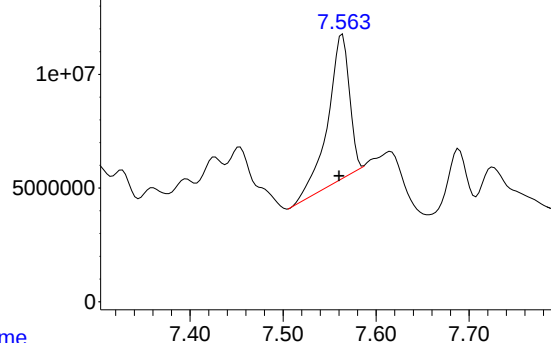
R.T.: 7.149 min
Delta R.T.: 0.003 min
Response: 76856462
Conc: 754.78 ng/ml



#4 Toxaphene-3

R.T.: 6.752 min
Delta R.T.: 0.002 min
Response: 537206319
Conc: 741.83 ng/ml

Response_ Signal: PD089975.D\ECD1A.ch

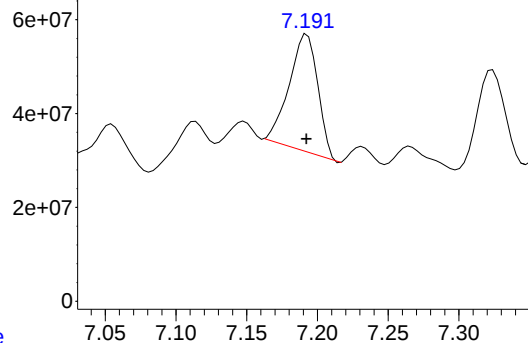


#5 Toxaphene-4

R.T.: 7.564 min
Delta R.T.: 0.004 min
Response: 101093143
Conc: 775.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC750

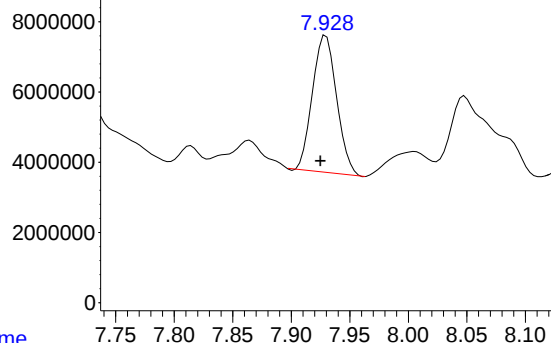
Time Response_ Signal: PD089975.D\ECD2B.ch



#5 Toxaphene-4

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 353220769
Conc: 720.27 ng/ml

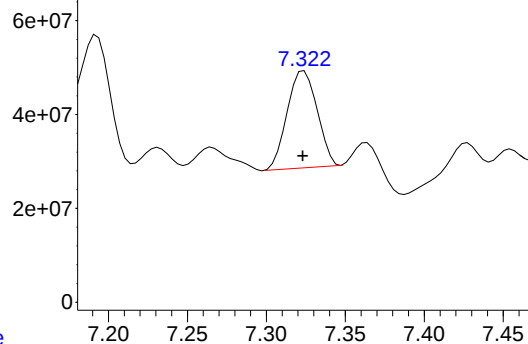
Time Response_ Signal: PD089975.D\ECD1A.ch



#6 Toxaphene-5

R.T.: 7.930 min
Delta R.T.: 0.005 min
Response: 55984757
Conc: 744.66 ng/ml

Time Response_ Signal: PD089975.D\ECD2B.ch



#6 Toxaphene-5

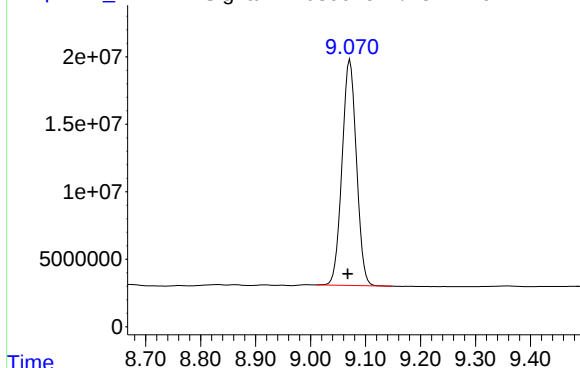
R.T.: 7.324 min
Delta R.T.: 0.000 min
Response: 273448107
Conc: 756.36 ng/ml

Response_

Signal: PD089975.D\ECD1A.ch

#7 Decachlorobiphenyl

ICAL Form



R.T.: 9.072 min
Delta R.T.: 0.004 min
Response: 304544906
Conc: 73.29 ng/ml

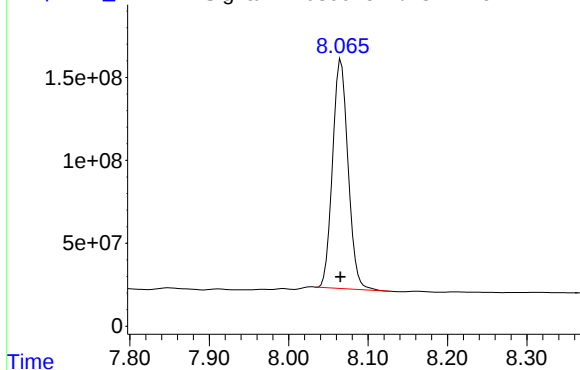
Instrument :
ECD_D
ClientSampleId :
PTOXICC750

Time

Response_

Signal: PD089975.D\ECD2B.ch

#7 Decachlorobiphenyl



R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 1872589118
Conc: 73.21 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
Data File : PD089976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:31
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:12:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:08:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.548	2.877	145.7E6	1084.7E6	50.000	50.000
7) SA Decachlor...	9.068	8.065	207.8E6	1279.0E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.238	5.469	20281150	109.4E6	500.000	500.000
3) Toxaphene-2	6.438	5.641	26758594	74686445	500.000	500.000
4) Toxaphene-3	7.145	6.750	50912911	362.1E6	500.000	500.000
5) Toxaphene-4	7.560	7.192	65189512	245.2E6	500.000	500.000
6) Toxaphene-5	7.925	7.323	37590653	180.8E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
Data File : PD089976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:31
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

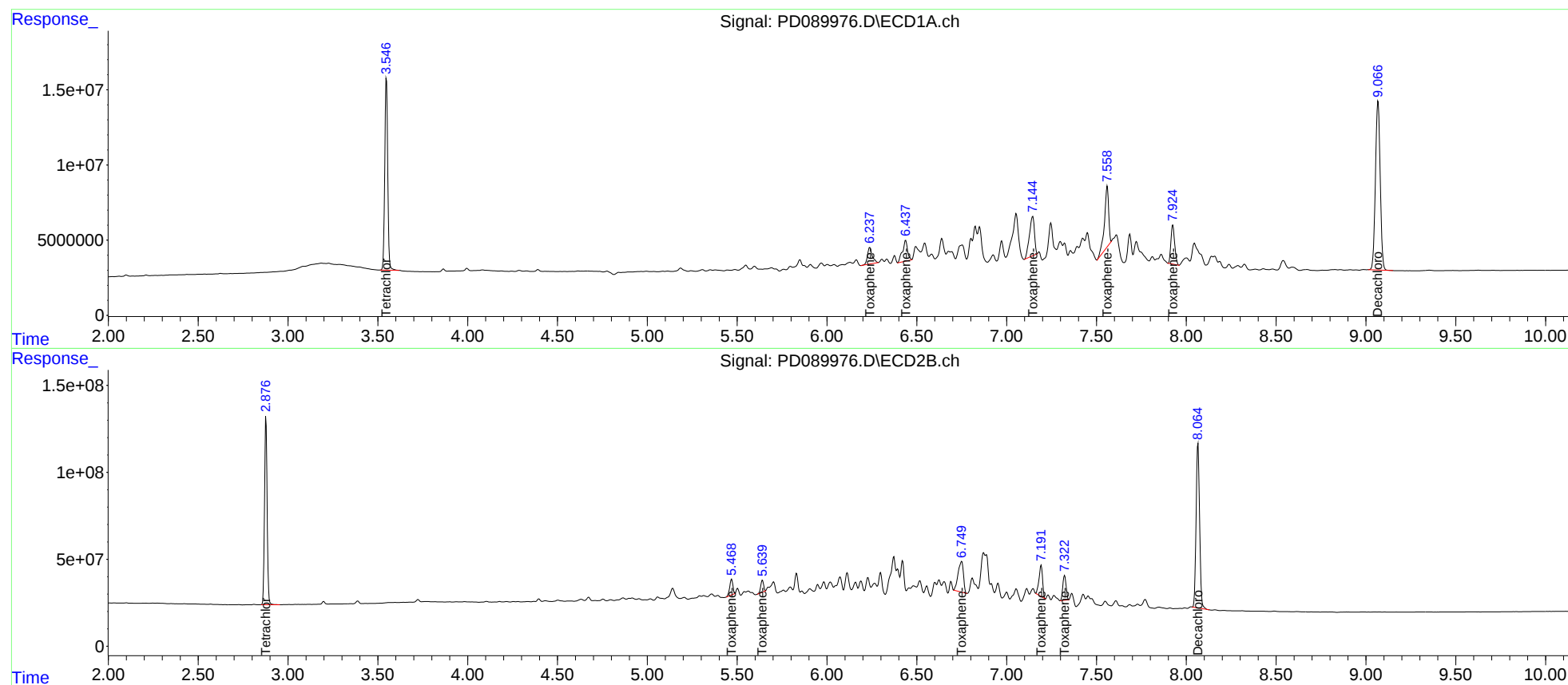
ECD_D

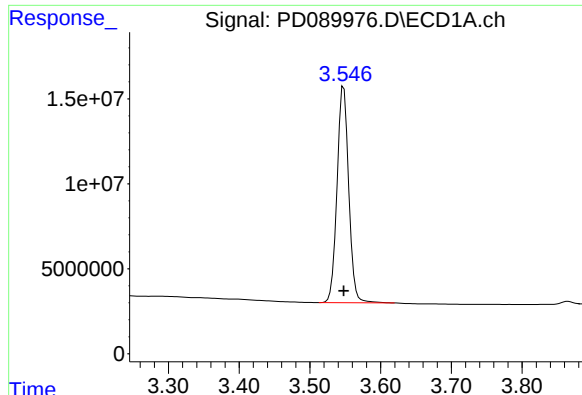
ClientSampleId :

PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:12:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:08:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm

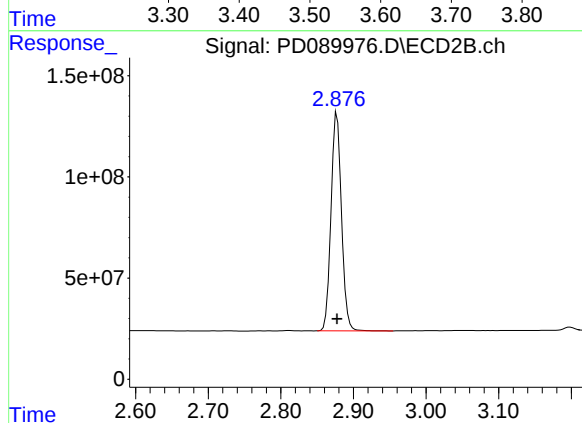




#1 Tetrachloro-m-xylene

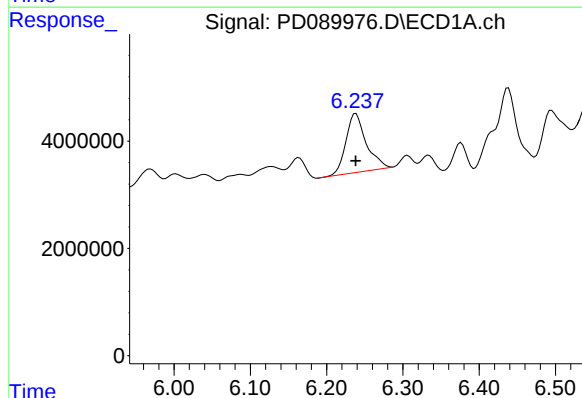
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 145735800
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC500



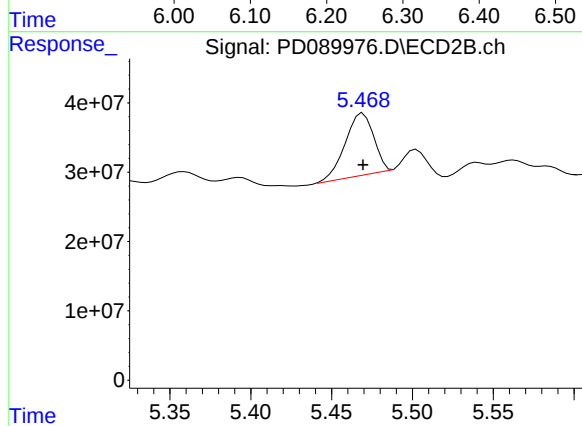
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 1084653622
Conc: 50.00 ng/ml



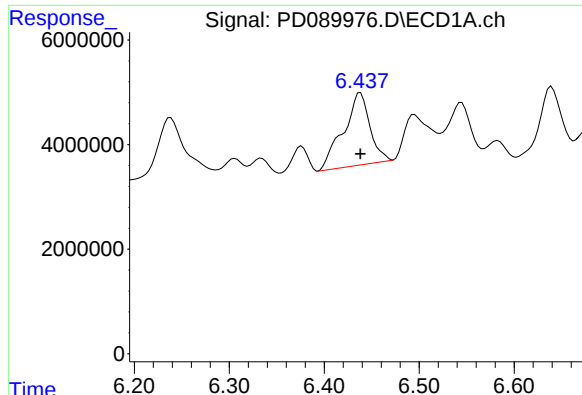
#2 Toxaphene-1

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 20281150
Conc: 500.00 ng/ml



#2 Toxaphene-1

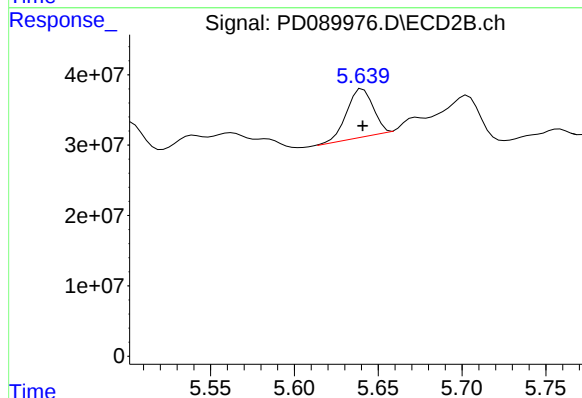
R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 109404826
Conc: 500.00 ng/ml



#3 Toxaphene-2

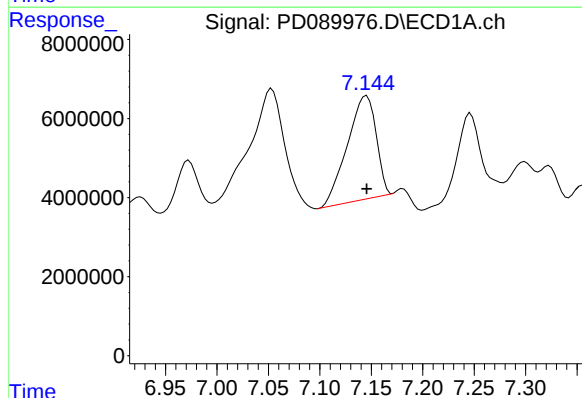
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 26758594
Conc: 500.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC500



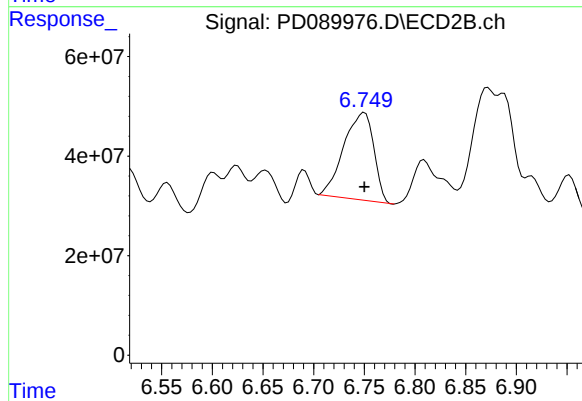
#3 Toxaphene-2

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 74686445
Conc: 500.00 ng/ml



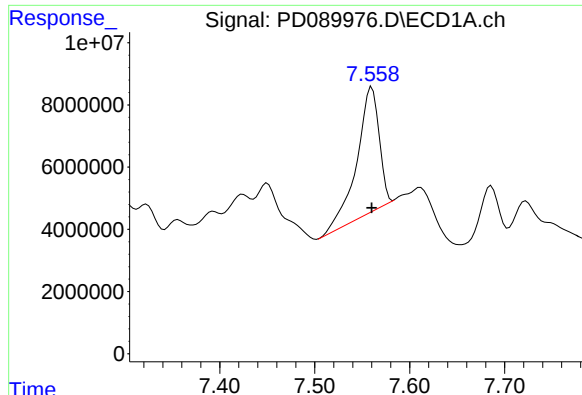
#4 Toxaphene-3

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 50912911
Conc: 500.00 ng/ml



#4 Toxaphene-3

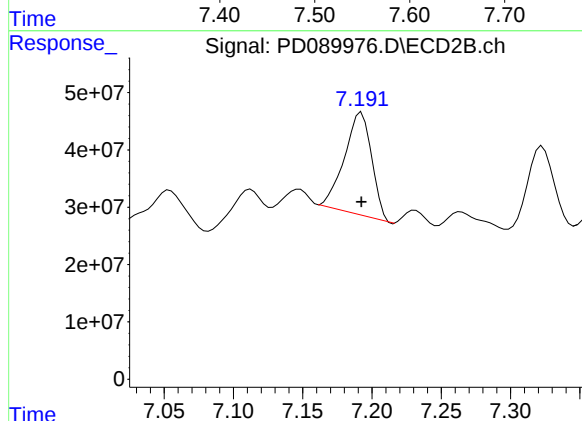
R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 362084120
Conc: 500.00 ng/ml



#5 Toxaphene-4

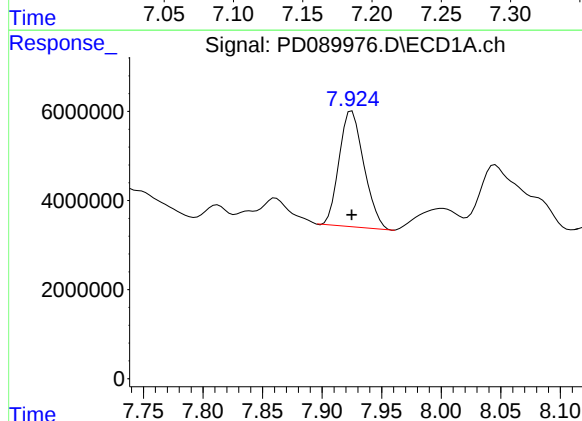
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 65189512
Conc: 500.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC500



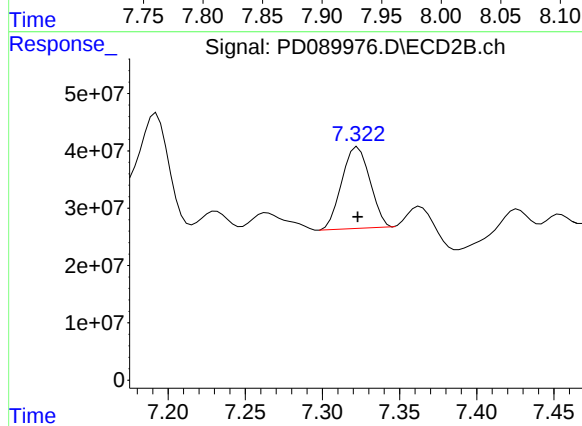
#5 Toxaphene-4

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 245199618
Conc: 500.00 ng/ml



#6 Toxaphene-5

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 37590653
Conc: 500.00 ng/ml



#6 Toxaphene-5

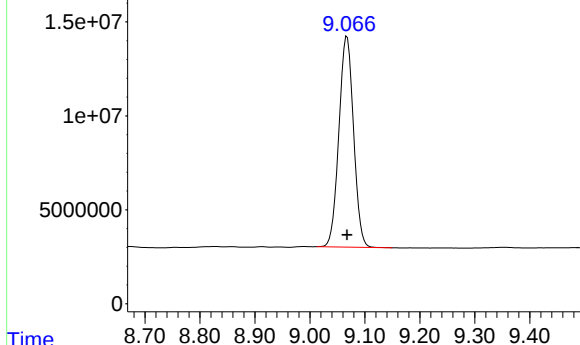
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 180766665
Conc: 500.00 ng/ml

Response_

Signal: PD089976.D\ECD1A.ch

#7 Decachlorobiphenyl

ICAL Form



R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 207765608
Conc: 50.00 ng/ml

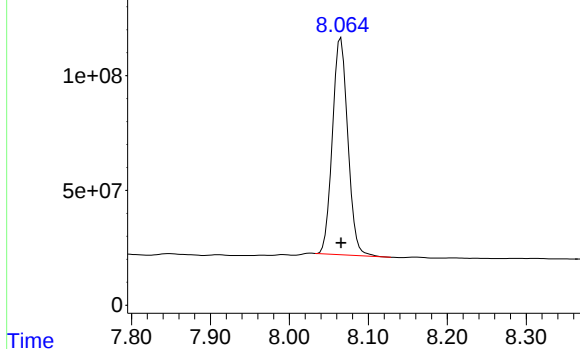
Instrument :
ECD_D
ClientSampleId :
PTOXICC500

Time

Response_

Signal: PD089976.D\ECD2B.ch

#7 Decachlorobiphenyl



R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 1278996768
Conc: 50.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
 Data File : PD089977.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 15:44
 Operator : AR\AJ
 Sample : PTOXICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PTOXICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 05:18:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 05:08:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.548	2.878	72485102	556.0E6	24.869	25.631
7) SA Decachlor...	9.067	8.065	108.8E6	663.2E6	26.193	25.928
Target Compounds						
2) Toxaphene-1	6.238	5.470	11233624	58567208	276.947	267.663
3) Toxaphene-2	6.438	5.641	13787981	38514752	257.636	257.843
4) Toxaphene-3	7.143	6.750	25313091	178.7E6	248.592	246.806
5) Toxaphene-4	7.560	7.192	32514283	124.9E6	249.383	254.752
6) Toxaphene-5	7.925	7.323	19045333	87240293	253.325	241.306

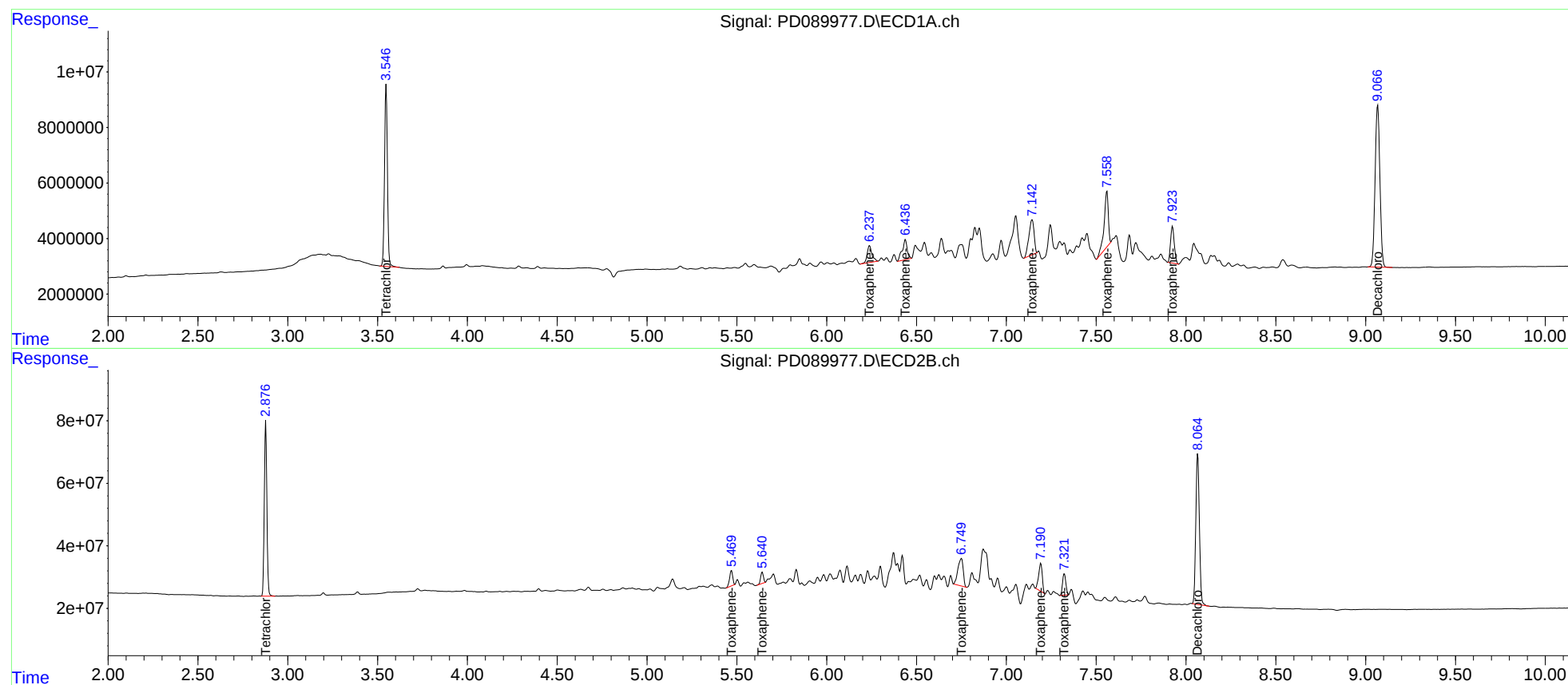
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

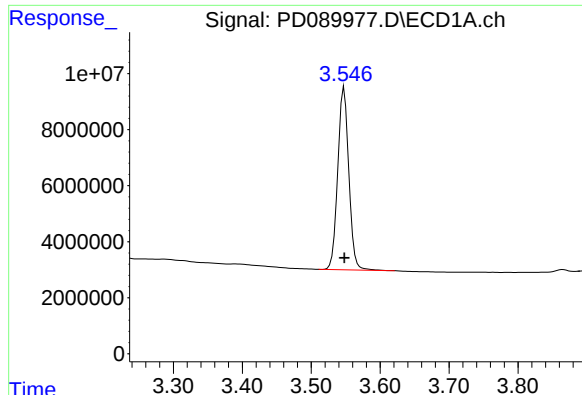
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
Data File : PD089977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:44
Operator : AR\AJ
Sample : PTOXICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:18:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:08:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm

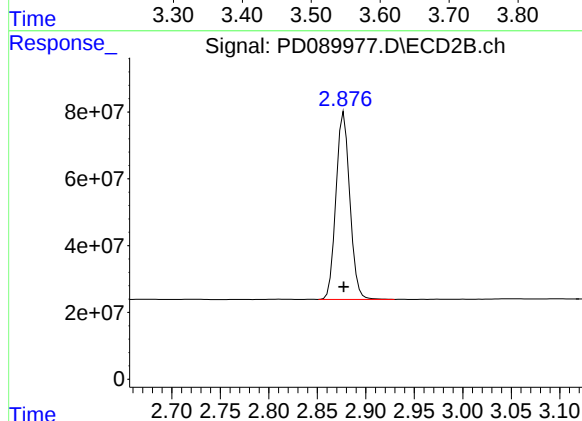




#1 Tetrachloro-m-xylene

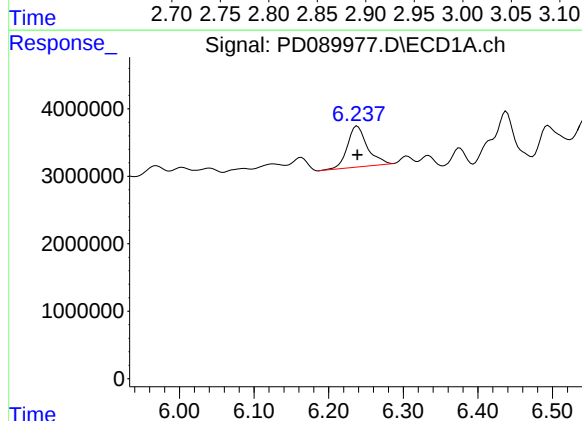
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 72485102
Conc: 24.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC250



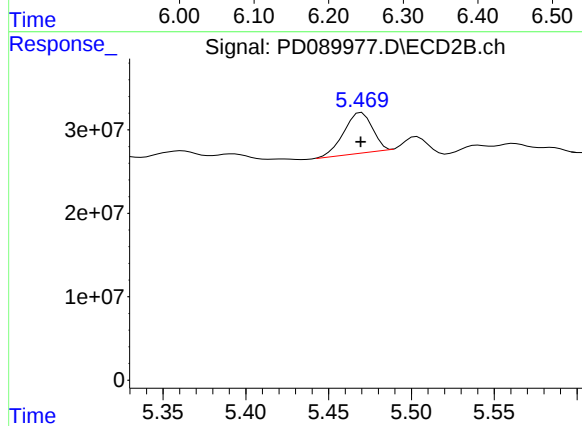
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 556022136
Conc: 25.63 ng/ml



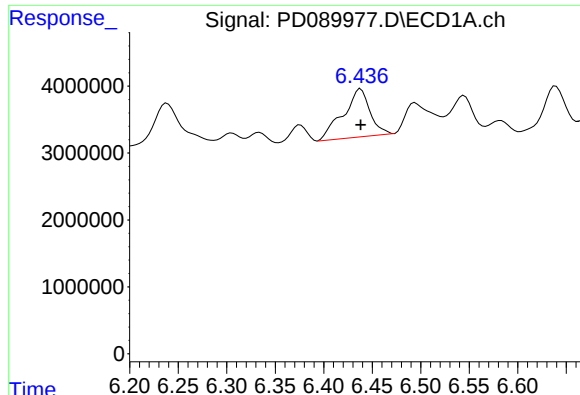
#2 Toxaphene-1

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 11233624
Conc: 276.95 ng/ml



#2 Toxaphene-1

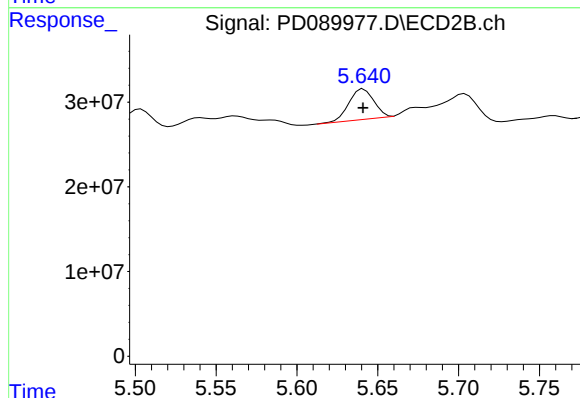
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 58567208
Conc: 267.66 ng/ml



#3 Toxaphene-2

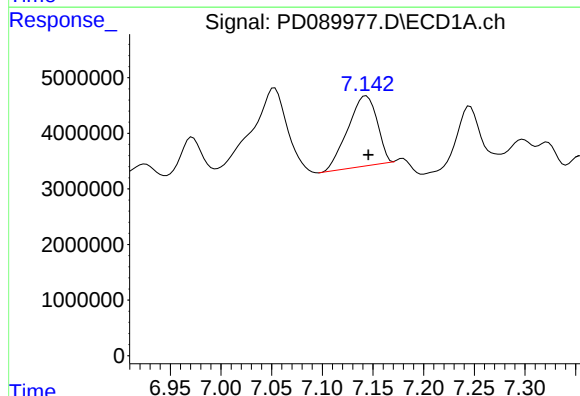
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 13787981
Conc: 257.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC250



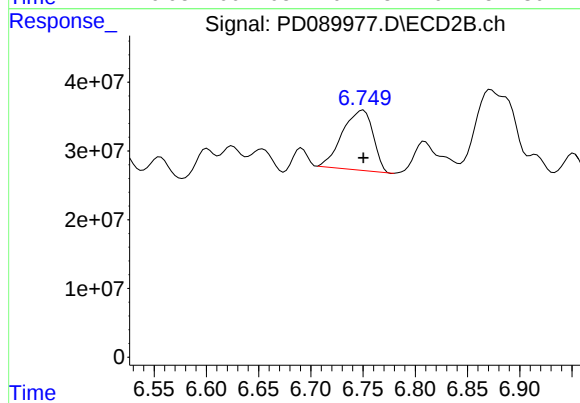
#3 Toxaphene-2

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 38514752
Conc: 257.84 ng/ml



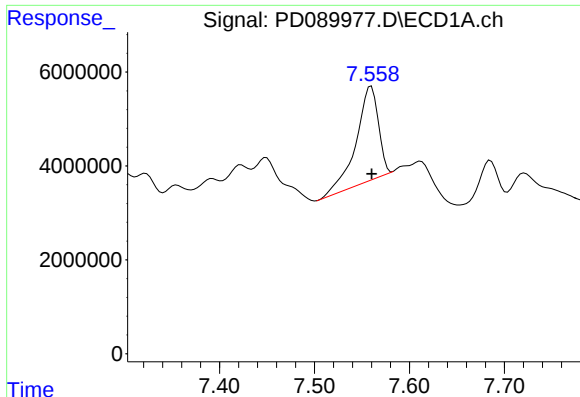
#4 Toxaphene-3

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 25313091
Conc: 248.59 ng/ml



#4 Toxaphene-3

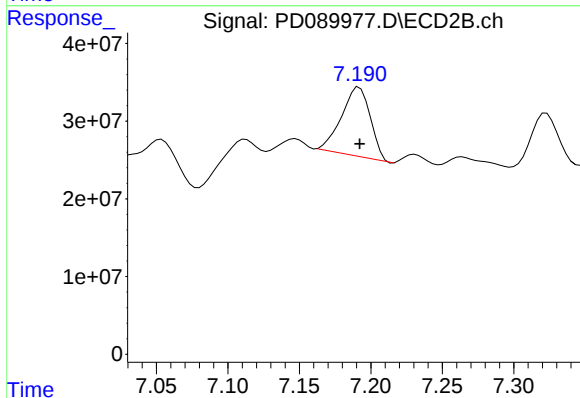
R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 178729395
Conc: 246.81 ng/ml



#5 Toxaphene-4

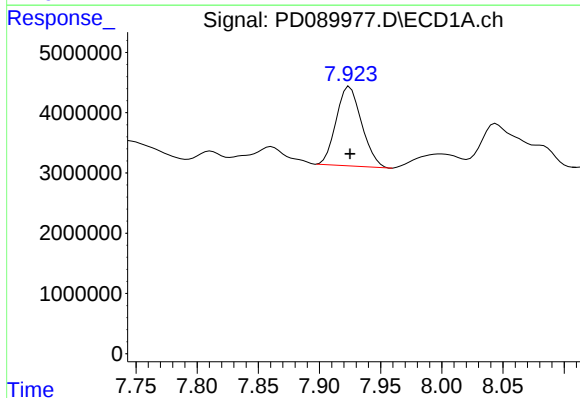
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 32514283
Conc: 249.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC250



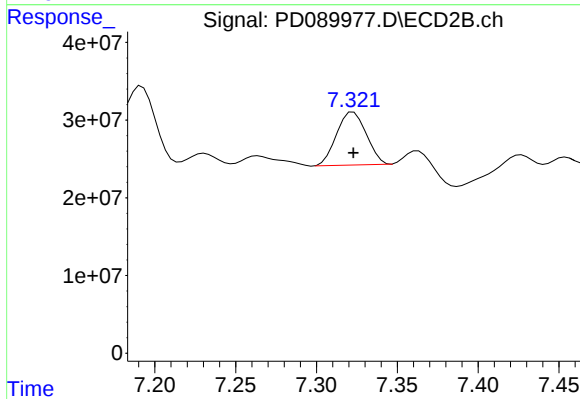
#5 Toxaphene-4

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 124930177
Conc: 254.75 ng/ml



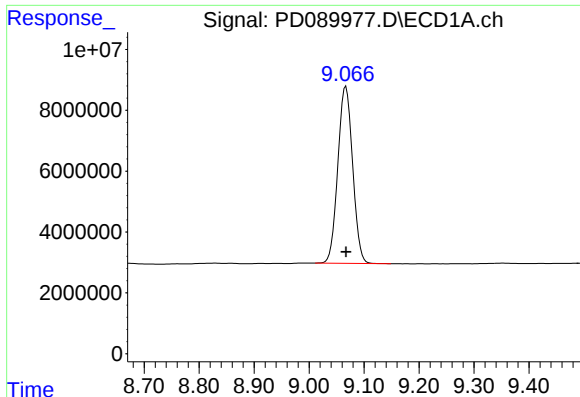
#6 Toxaphene-5

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 19045333
Conc: 253.33 ng/ml



#6 Toxaphene-5

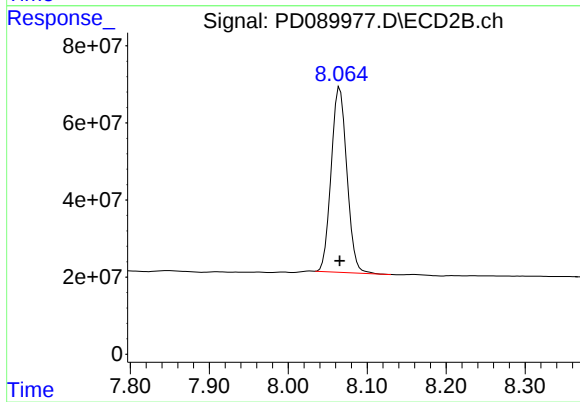
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 87240293
Conc: 241.31 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 108841134
Conc: 26.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC250



#7 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 663245771
Conc: 25.93 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
 Data File : PD089978.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 15:58
 Operator : AR\AJ
 Sample : PTOXICC100
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PTOXICC100

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 05:18:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 05:08:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.547	2.878	31938973	253.7E6	10.958	11.697
7) SA Decachlor...	9.067	8.065	50624843	307.6E6	12.183	12.026
Target Compounds						
2) Toxaphene-1	6.238	5.470	5314890	26403395	131.030	120.668
3) Toxaphene-2	6.438	5.640	6118820	17188878	114.334	115.074
4) Toxaphene-3	7.144	6.749	11525098	76017332	113.184	104.972
5) Toxaphene-4	7.560	7.192	14004399	54988311	107.413	112.130
6) Toxaphene-5	7.924	7.323	8211372	35696488	109.221	98.736

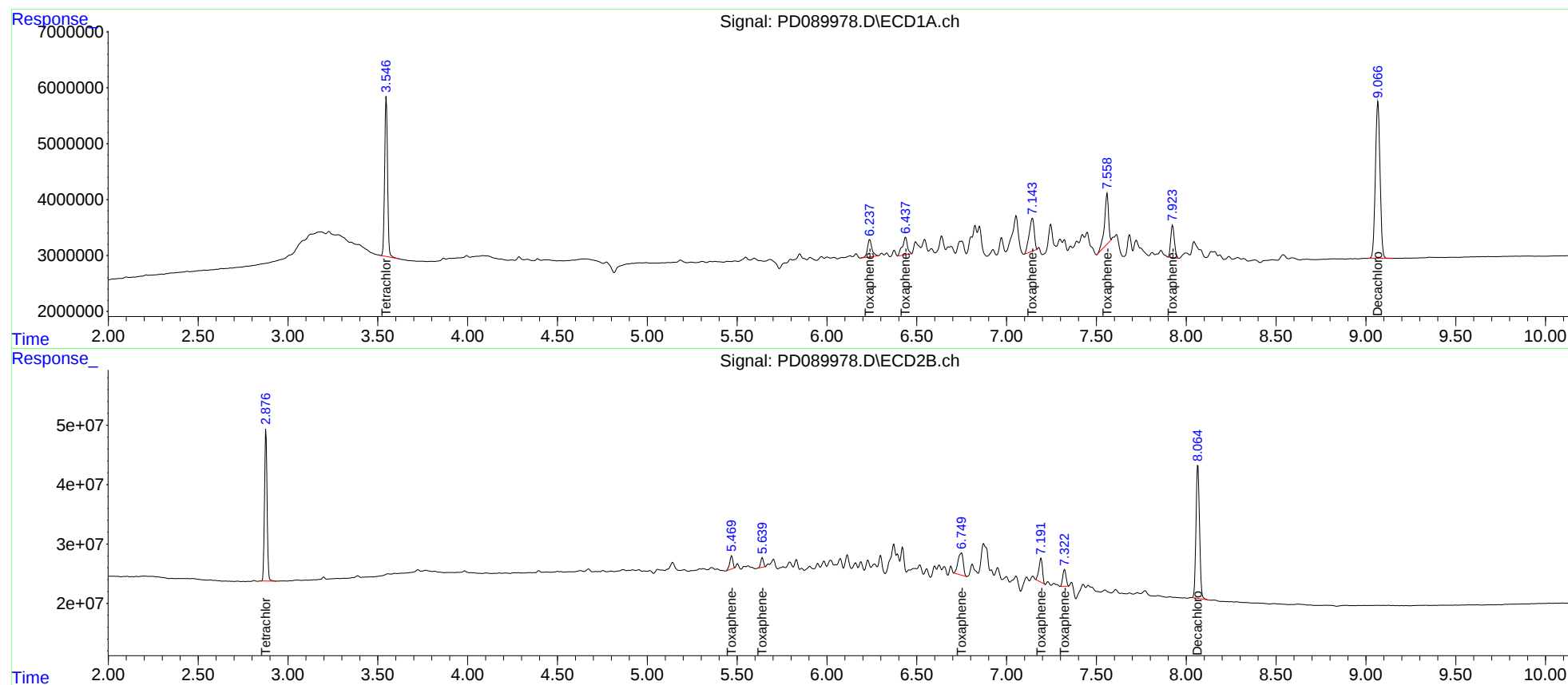
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

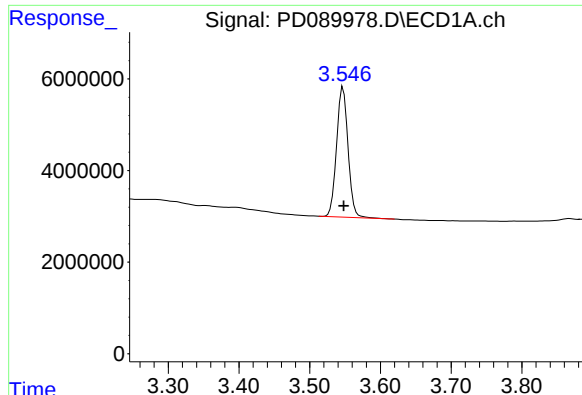
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
Data File : PD089978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:58
Operator : AR\AJ
Sample : PTOXICC100
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:18:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:08:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm

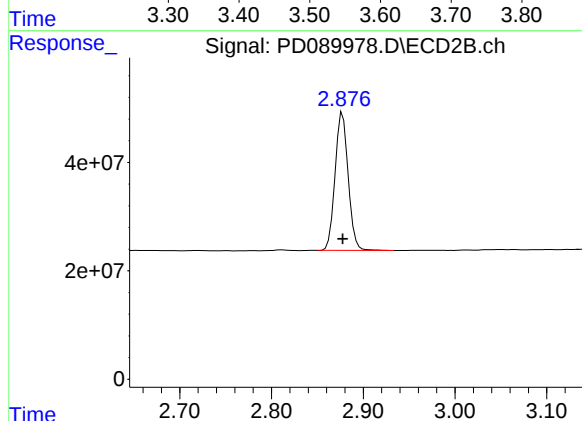




#1 Tetrachloro-m-xylene

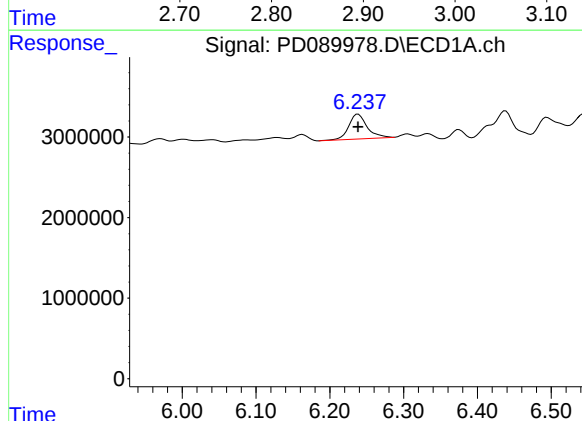
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 31938973
Conc: 10.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC100



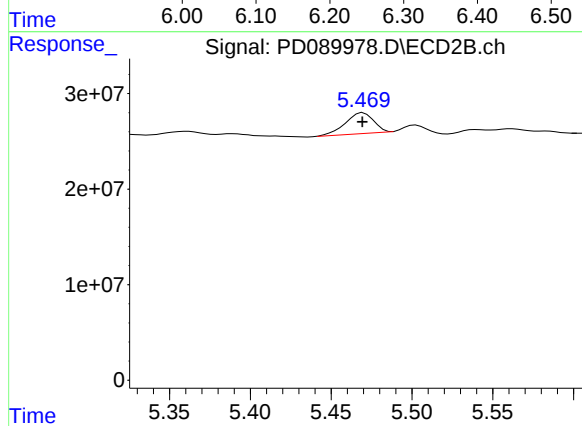
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 253744222
Conc: 11.70 ng/ml



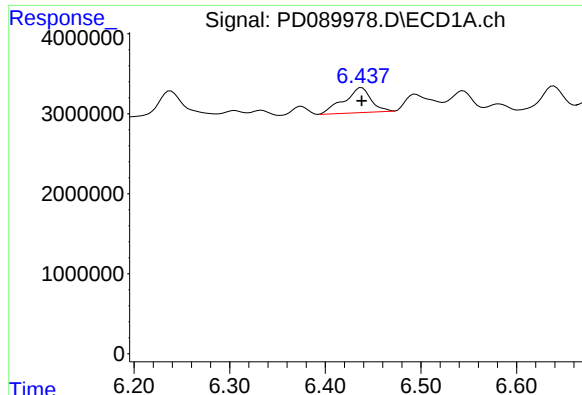
#2 Toxaphene-1

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 5314890
Conc: 131.03 ng/ml



#2 Toxaphene-1

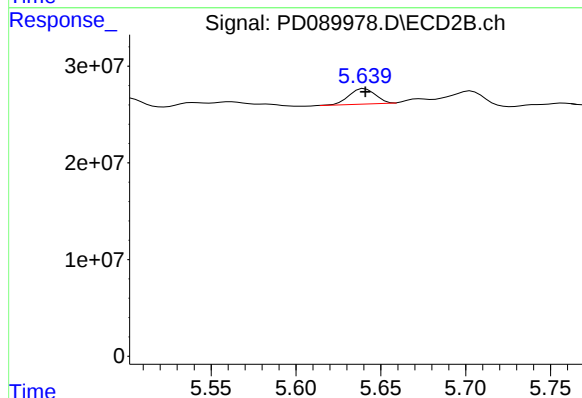
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 26403395
Conc: 120.67 ng/ml



#3 Toxaphene-2

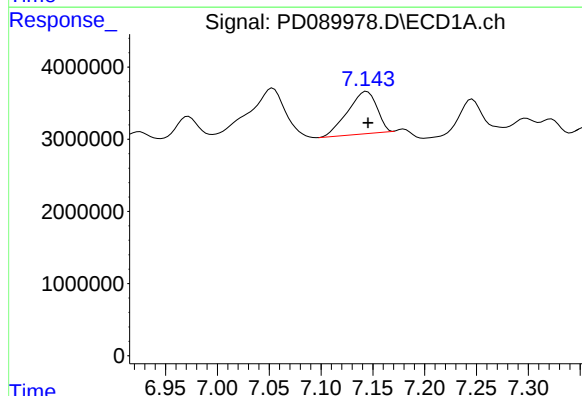
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 6118820
Conc: 114.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC100



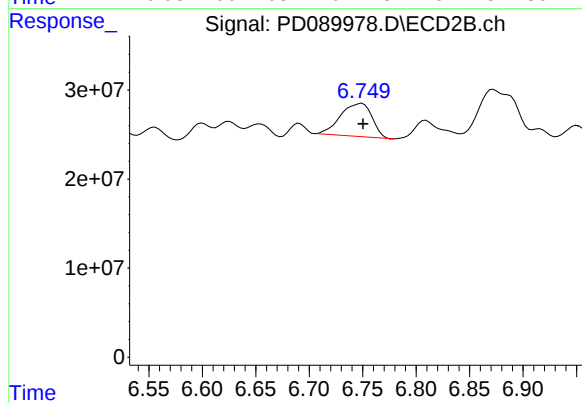
#3 Toxaphene-2

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 17188878
Conc: 115.07 ng/ml



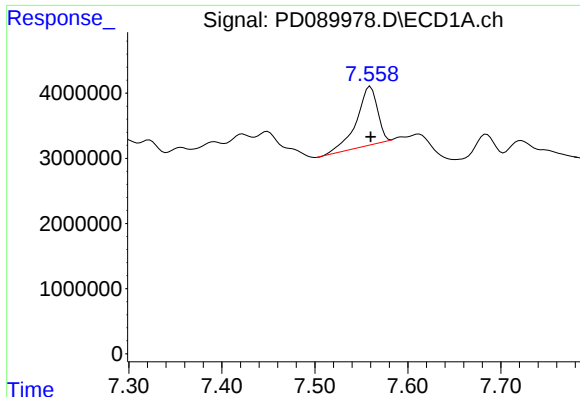
#4 Toxaphene-3

R.T.: 7.144 min
Delta R.T.: -0.001 min
Response: 11525098
Conc: 113.18 ng/ml



#4 Toxaphene-3

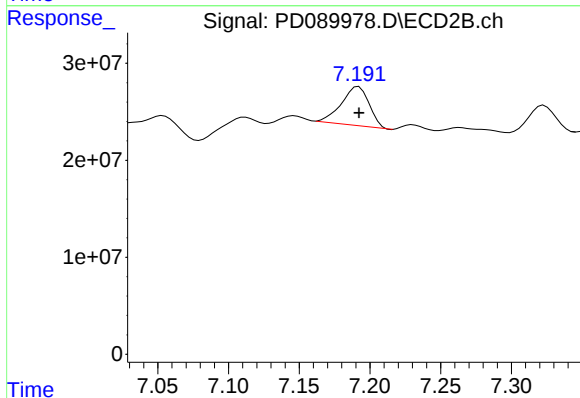
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 76017332
Conc: 104.97 ng/ml



#5 Toxaphene-4

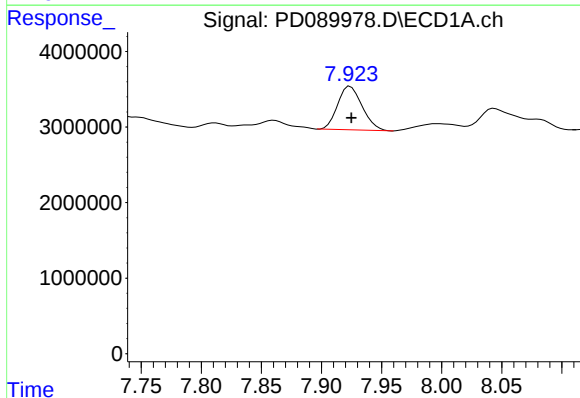
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 14004399
Conc: 107.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC100



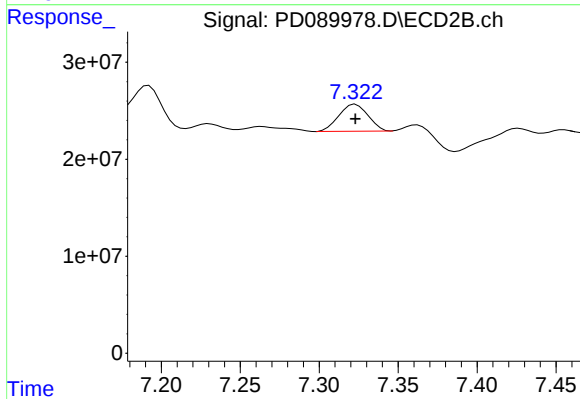
#5 Toxaphene-4

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 54988311
Conc: 112.13 ng/ml



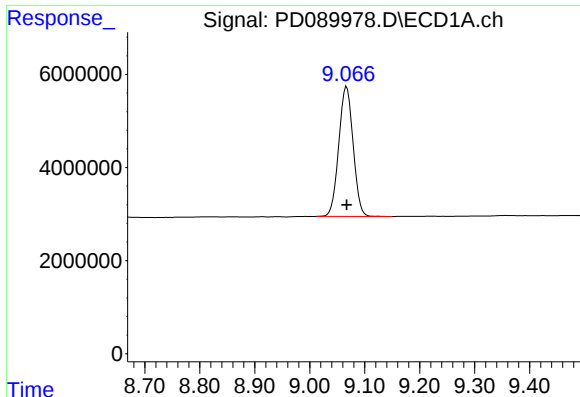
#6 Toxaphene-5

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 8211372
Conc: 109.22 ng/ml



#6 Toxaphene-5

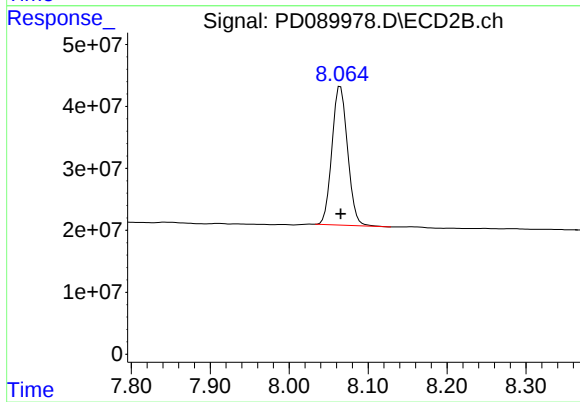
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 35696488
Conc: 98.74 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 50624843
Conc: 12.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC100



#7 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 307632528
Conc: 12.03 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
 Data File : PD089981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 16:39
 Operator : AR\AJ
 Sample : PTOXICV500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD081825TOX

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 05:42:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 05:29:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.547	2.878	147.4E6	1090.9E6	49.435	48.864
7) SA Decachlor...	9.067	8.066	210.4E6	1287.6E6	48.582	48.517
Target Compounds						
2) Toxaphene-1	6.238	5.470	21450919	113.5E6	495.376	495.411
3) Toxaphene-2	6.438	5.641	27421972	73778939	493.518	480.874
4) Toxaphene-3	7.144	6.751	51705419	359.6E6	490.391	495.621
5) Toxaphene-4	7.560	7.192	67201792	244.5E6	498.414	493.052
6) Toxaphene-5	7.925	7.323	37867351	181.2E6	492.416	504.674

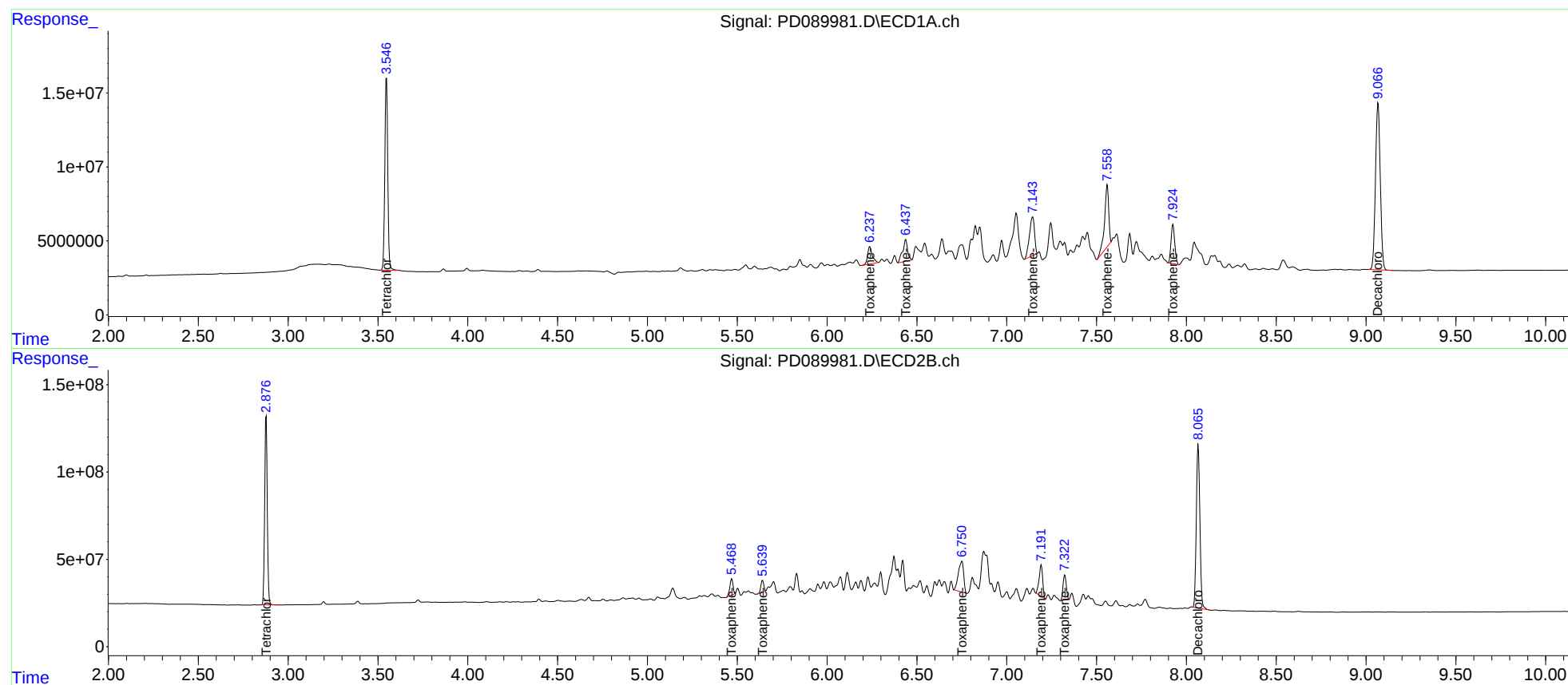
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

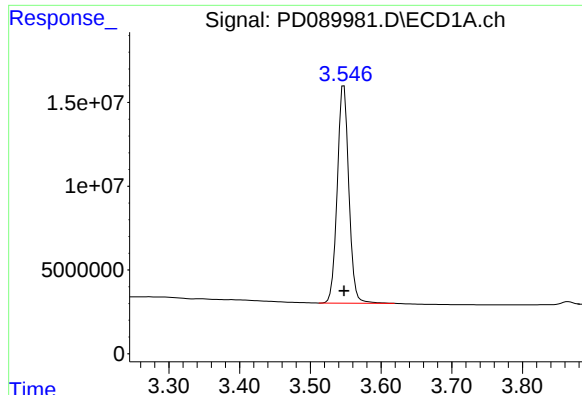
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
Data File : PD089981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:39
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
ICVPD081825TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:42:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:29:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

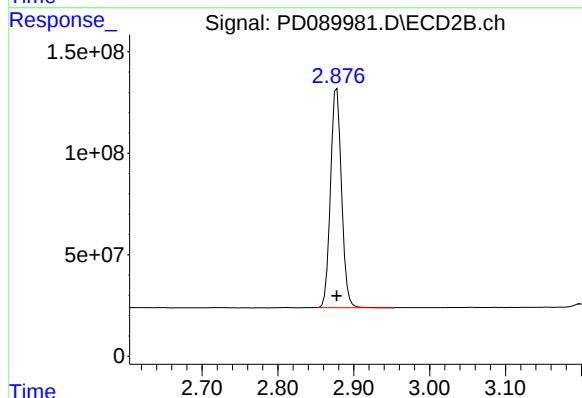




#1 Tetrachloro-m-xylene

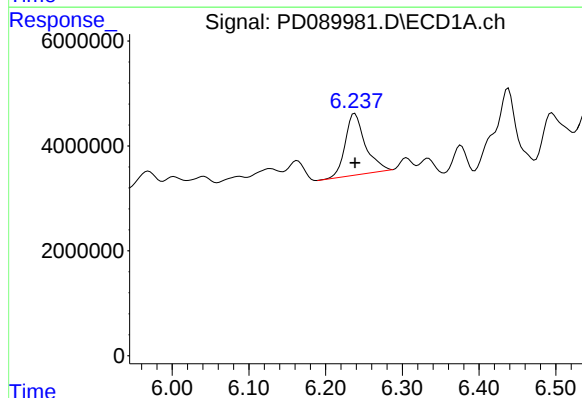
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 147438288
Conc: 49.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD081825TOX



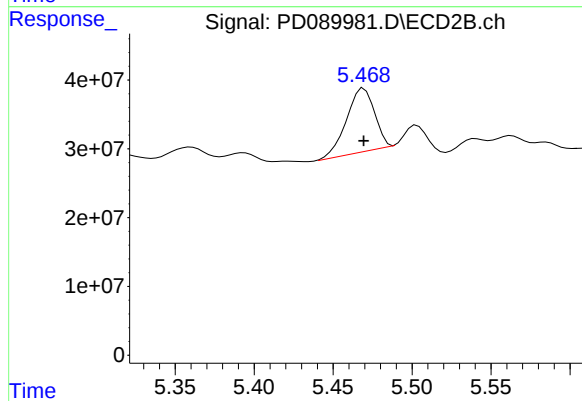
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 1090851632
Conc: 48.86 ng/ml



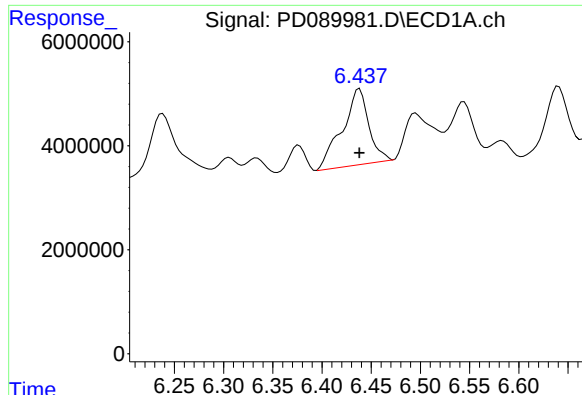
#2 Toxaphene-1

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 21450919
Conc: 495.38 ng/ml



#2 Toxaphene-1

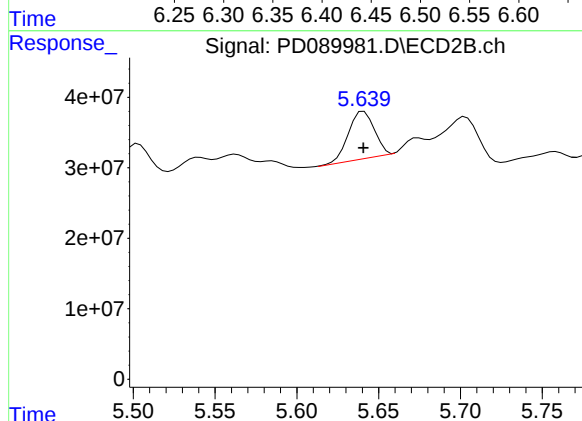
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 113451645
Conc: 495.41 ng/ml



#3 Toxaphene-2

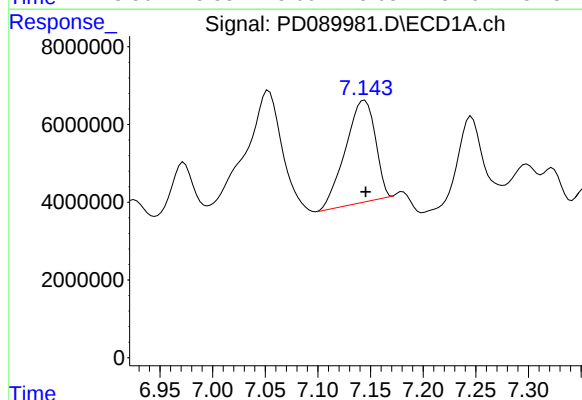
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 27421972
Conc: 493.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD081825TOX



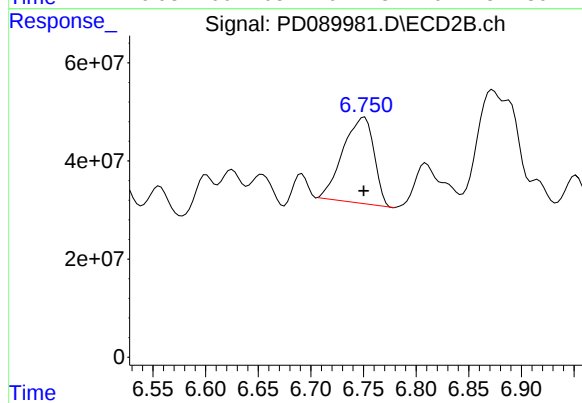
#3 Toxaphene-2

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 73778939
Conc: 480.87 ng/ml



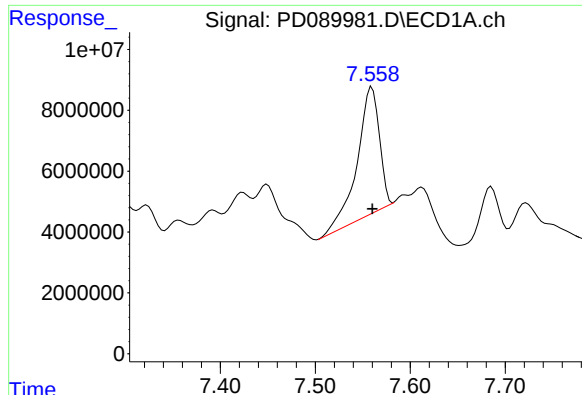
#4 Toxaphene-3

R.T.: 7.144 min
Delta R.T.: -0.001 min
Response: 51705419
Conc: 490.39 ng/ml



#4 Toxaphene-3

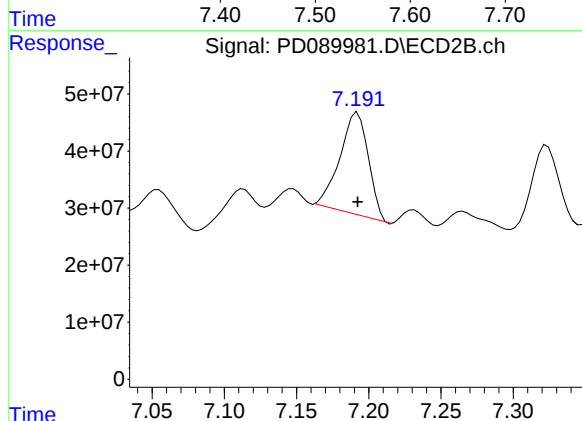
R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 359622632
Conc: 495.62 ng/ml



#5 Toxaphene-4

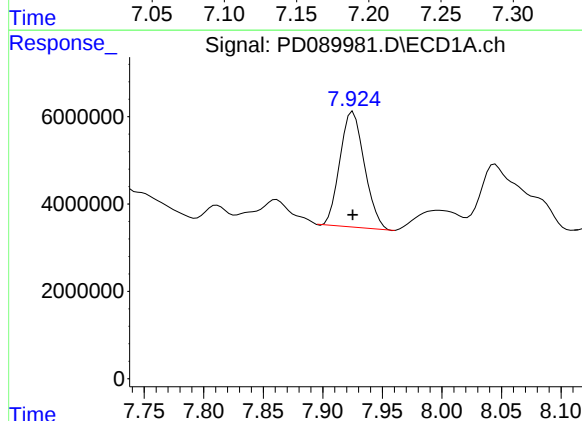
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 67201792
Conc: 498.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD081825TOX



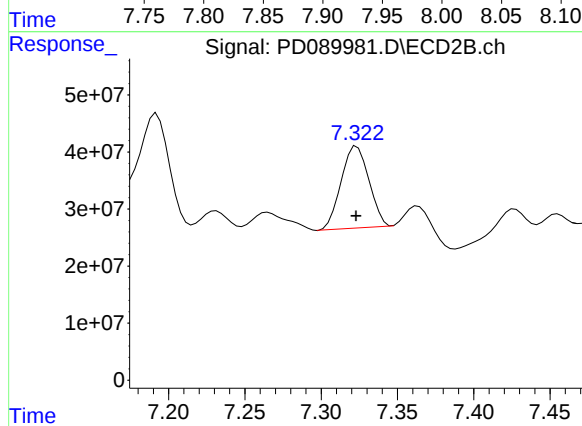
#5 Toxaphene-4

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 244524011
Conc: 493.05 ng/ml



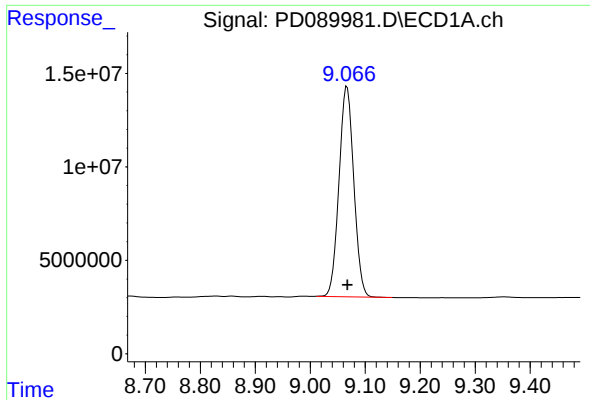
#6 Toxaphene-5

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 37867351
Conc: 492.42 ng/ml



#6 Toxaphene-5

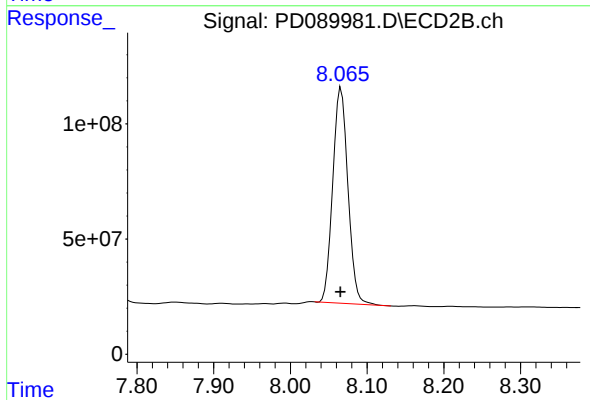
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 181151043
Conc: 504.67 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 210414261
Conc: 48.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD081825TOX



#7 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 1287642665
Conc: 48.52 ng/ml



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Continuing Calib Date: 09/10/2025

Initial Calibration Date(s): 08/18/2025 08/18/2025

Continuing Calib Time: 15:55

Initial Calibration Time(s): 15:00 15:58

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Toxaphene-1	(1)	6.24	6.24	6.14	6.34	0.00
Toxaphene-2	(2)	6.44	6.44	6.34	6.54	0.00
Toxaphene-3	(3)	7.14	7.15	7.05	7.25	0.01
Toxaphene-4	(4)	7.56	7.56	7.46	7.66	0.00
Toxaphene-5	(5)	7.92	7.93	7.83	8.03	0.01
Decachlorobiphenyl		9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene		3.55	3.55	3.45	3.65	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Continuing Calib Date: 09/10/2025

Initial Calibration Date(s): 08/18/2025 08/18/2025

Continuing Calib Time: 15:55

Initial Calibration Time(s): 15:00 15:58

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Toxaphene-1	(1)	5.47	5.47	5.37	5.57	0.00
Toxaphene-2	(2)	5.64	5.64	5.54	5.74	0.00
Toxaphene-3	(3)	6.75	6.75	6.65	6.85	0.00
Toxaphene-4	(4)	7.19	7.19	7.09	7.29	0.00
Toxaphene-5	(5)	7.32	7.32	7.22	7.42	0.00
Decachlorobiphenyl		8.06	8.07	7.97	8.17	0.01
Tetrachloro-m-xylene		2.88	2.88	2.78	2.98	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3015
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/10/2025
Lab Sample No.: PTOXCCC500 **Data File :** PD090223.D **Time Analyzed:** 15:55

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.968	9.168	47.510	50.000	-5.0
Tetrachloro-m-xylene	3.546	3.448	3.648	47.340	50.000	-5.3
Toxaphene-1	6.237	6.138	6.338	468.790	500.000	-6.2
Toxaphene-2	6.437	6.338	6.538	467.530	500.000	-6.5
Toxaphene-3	7.144	7.045	7.245	480.190	500.000	-4.0
Toxaphene-4	7.559	7.460	7.660	487.820	500.000	-2.4
Toxaphene-5	7.924	7.825	8.025	487.290	500.000	-2.5



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3015
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/10/2025
Lab Sample No.: PTOXCCC500 **Data File :** PD090223.D **Time Analyzed:** 15:55

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.064	7.965	8.165	50.260	50.000	0.5
Tetrachloro-m-xylene	2.876	2.777	2.977	52.610	50.000	5.2
Toxaphene-1	5.468	5.369	5.569	536.490	500.000	7.3
Toxaphene-2	5.639	5.541	5.741	525.490	500.000	5.1
Toxaphene-3	6.749	6.650	6.850	559.970	500.000	12.0
Toxaphene-4	7.191	7.092	7.292	529.500	500.000	5.9
Toxaphene-5	7.322	7.223	7.423	566.320	500.000	13.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 15:55
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 08:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:29:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.546	2.876	141.2E6	1174.5E6	47.337	52.609
7) SA Decachlor...	9.066	8.064	205.8E6	1334.0E6	47.514	50.265
Target Compounds						
2) Toxaphene-1	6.237	5.468	20299539	122.9E6	468.787	536.495
3) Toxaphene-2	6.437	5.639	25977929	80623705	467.529	525.487
4) Toxaphene-3	7.144	6.749	50629582	406.3E6	480.187	559.969
5) Toxaphene-4	7.559	7.191	65773527	262.6E6	487.821	529.503
6) Toxaphene-5	7.924	7.322	37472855	203.3E6	487.286	566.317

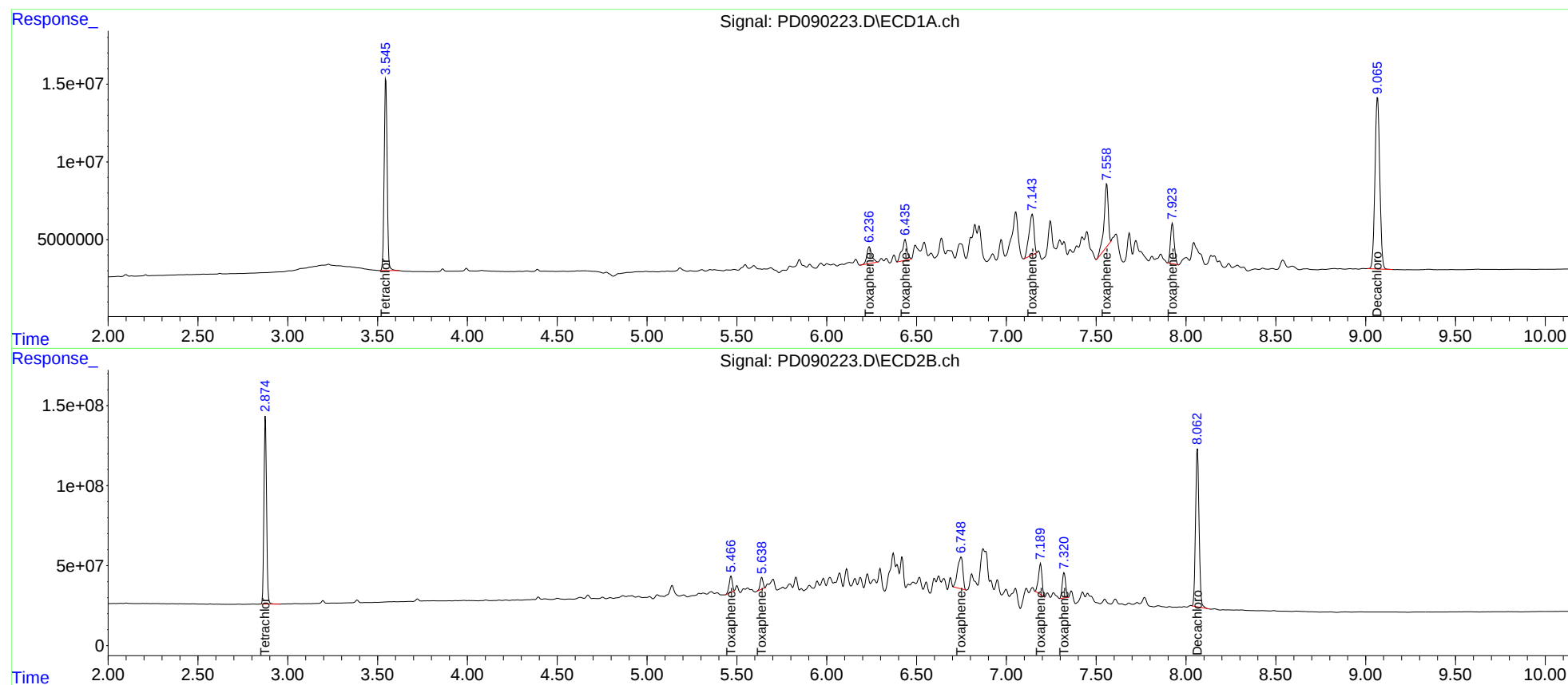
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

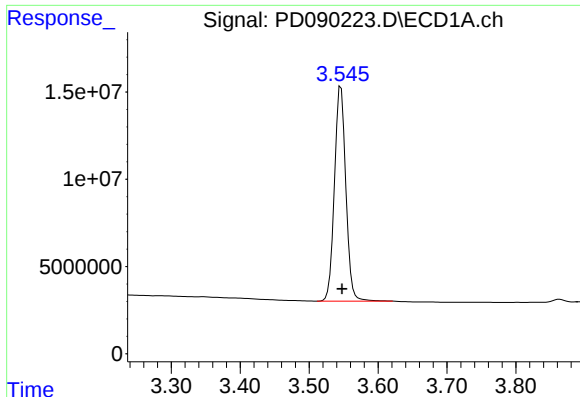
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 15:55
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 08:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:29:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

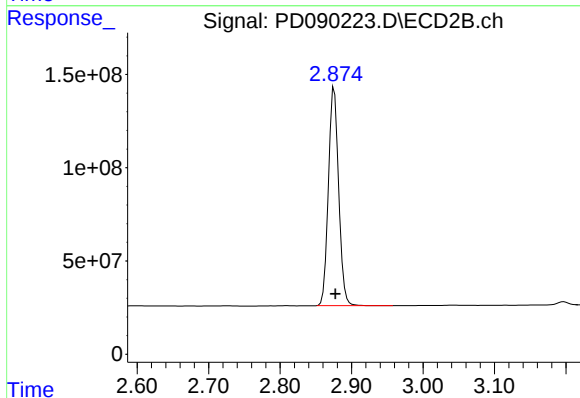




#1 Tetrachloro-m-xylene

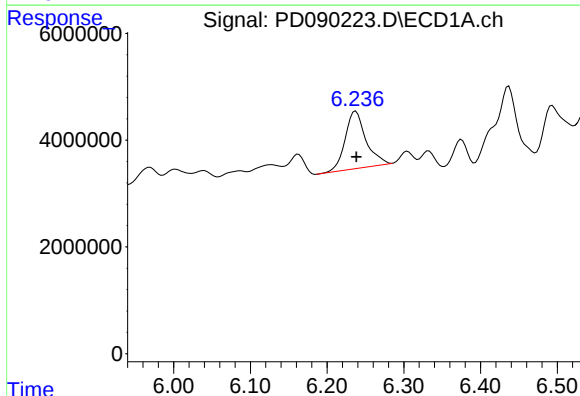
R.T.: 3.546 min
Delta R.T.: -0.002 min
Response: 141183702
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500



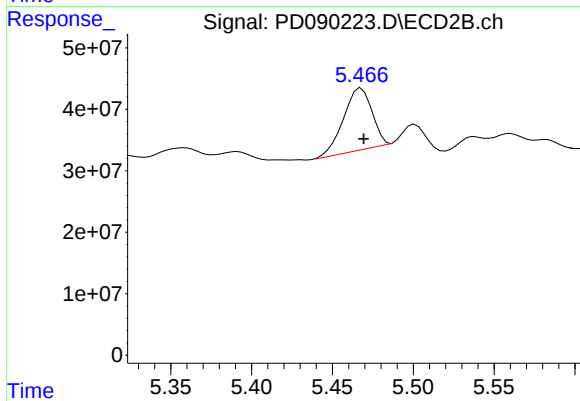
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 1174450488
Conc: 52.61 ng/ml



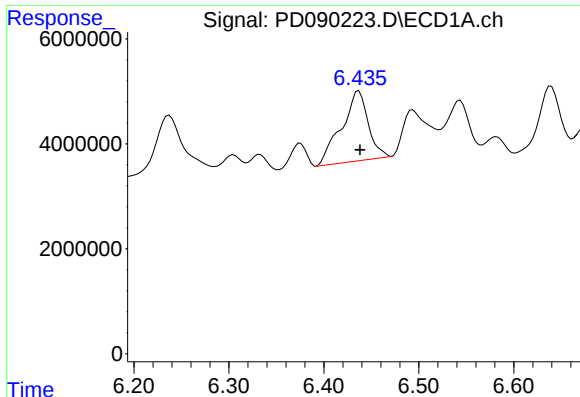
#2 Toxaphene-1

R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 20299539
Conc: 468.79 ng/ml



#2 Toxaphene-1

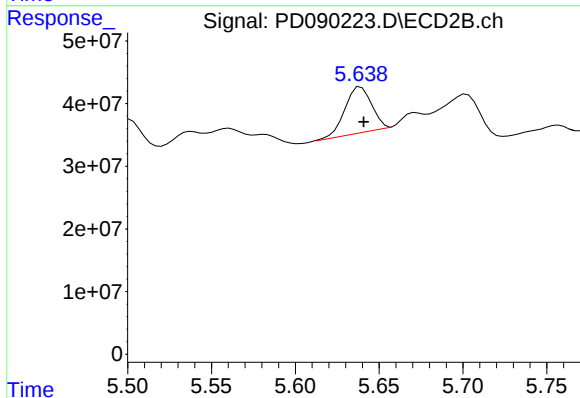
R.T.: 5.468 min
Delta R.T.: -0.002 min
Response: 122860026
Conc: 536.49 ng/ml



#3 Toxaphene-2

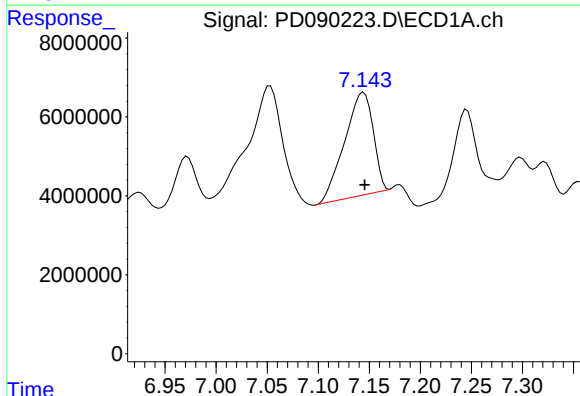
R.T.: 6.437 min
Delta R.T.: -0.001 min
Response: 25977929
Conc: 467.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500



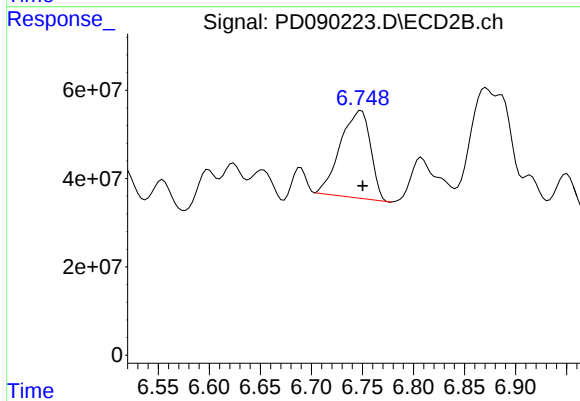
#3 Toxaphene-2

R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 80623705
Conc: 525.49 ng/ml



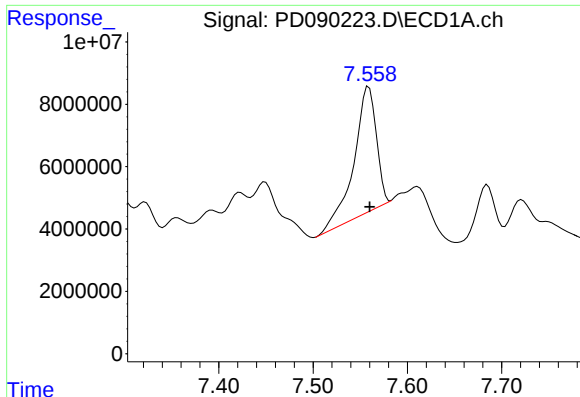
#4 Toxaphene-3

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 50629582
Conc: 480.19 ng/ml



#4 Toxaphene-3

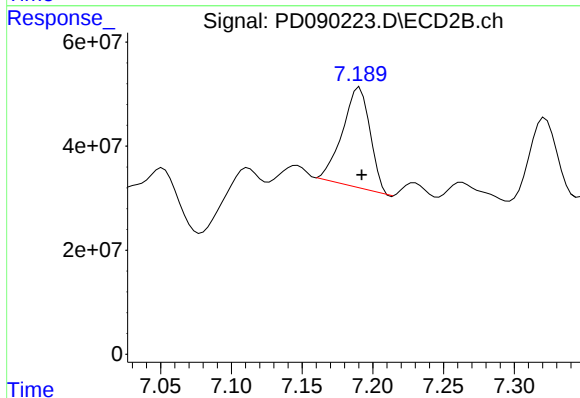
R.T.: 6.749 min
Delta R.T.: -0.001 min
Response: 406313143
Conc: 559.97 ng/ml



#5 Toxaphene-4

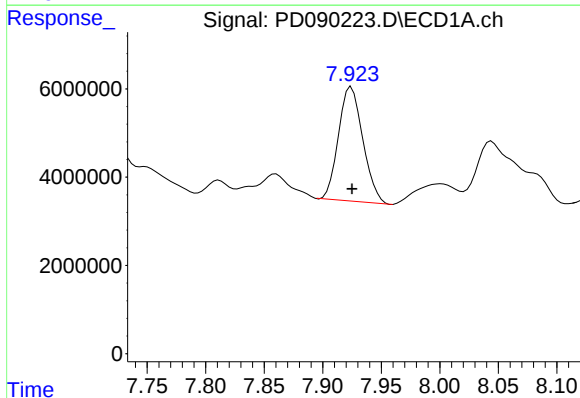
R.T.: 7.559 min
Delta R.T.: -0.001 min
Response: 65773527
Conc: 487.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500



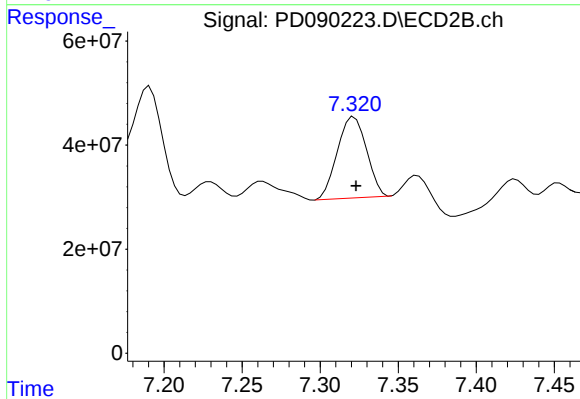
#5 Toxaphene-4

R.T.: 7.191 min
Delta R.T.: -0.002 min
Response: 262601467
Conc: 529.50 ng/ml



#6 Toxaphene-5

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 37472855
Conc: 487.29 ng/ml



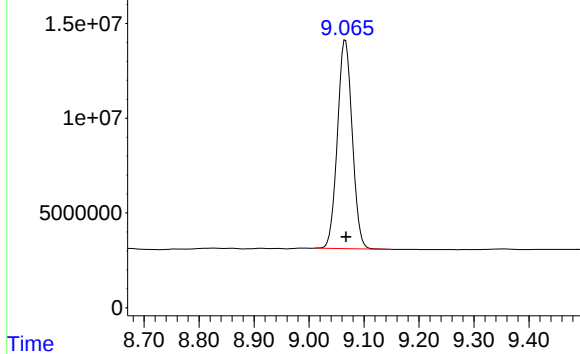
#6 Toxaphene-5

R.T.: 7.322 min
Delta R.T.: -0.001 min
Response: 203277545
Conc: 566.32 ng/ml

Response_

Signal: PD090223.D\ECD1A.ch

#7 Decachlorobiphenyl



R.T.: 9.066 min

Delta R.T.: -0.001 min

Response: 205789284

Conc: 47.51 ng/ml

Instrument :

ECD_D

ClientSampleId :

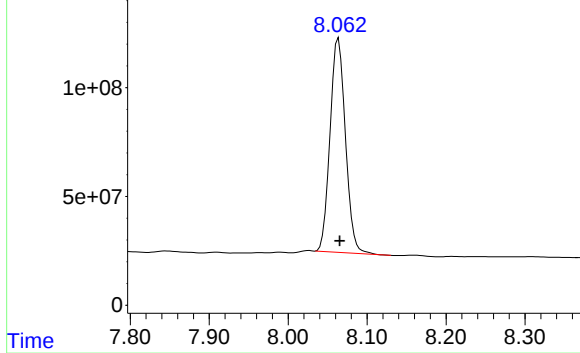
PTOXCCC500

Time

Response_

Signal: PD090223.D\ECD2B.ch

#7 Decachlorobiphenyl



R.T.: 8.064 min

Delta R.T.: -0.001 min

Response: 1334021007

Conc: 50.26 ng/ml

Time



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Continuing Calib Date: 09/10/2025

Initial Calibration Date(s): 08/18/2025 08/18/2025

Continuing Calib Time: 18:51

Initial Calibration Time(s): 15:00 15:58

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Toxaphene-1	(1)	6.24	6.24	6.14	6.34	0.00
Toxaphene-2	(2)	6.44	6.44	6.34	6.54	0.00
Toxaphene-3	(3)	7.14	7.15	7.05	7.25	0.01
Toxaphene-4	(4)	7.56	7.56	7.46	7.66	0.00
Toxaphene-5	(5)	7.92	7.93	7.83	8.03	0.01
Decachlorobiphenyl		9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene		3.55	3.55	3.45	3.65	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Continuing Calib Date: 09/10/2025

Initial Calibration Date(s): 08/18/2025 08/18/2025

Continuing Calib Time: 18:51

Initial Calibration Time(s): 15:00 15:58

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Toxaphene-1 (1)	5.47	5.47	5.37	5.57	0.00
Toxaphene-2 (2)	5.64	5.64	5.54	5.74	0.00
Toxaphene-3 (3)	6.75	6.75	6.65	6.85	0.00
Toxaphene-4 (4)	7.19	7.19	7.09	7.29	0.00
Toxaphene-5 (5)	7.32	7.32	7.22	7.42	0.00
Decachlorobiphenyl	8.06	8.07	7.97	8.17	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3015
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/10/2025
Lab Sample No.: PTOXCCC500 **Data File :** PD090235.D **Time Analyzed:** 18:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.066	8.968	9.168	46.830	50.000	-6.3
Tetrachloro-m-xylene	3.546	3.448	3.648	46.300	50.000	-7.4
Toxaphene-1	6.238	6.138	6.338	459.600	500.000	-8.1
Toxaphene-2	6.438	6.338	6.538	465.220	500.000	-7.0
Toxaphene-3	7.144	7.045	7.245	478.430	500.000	-4.3
Toxaphene-4	7.559	7.460	7.660	475.000	500.000	-5.0
Toxaphene-5	7.924	7.825	8.025	480.390	500.000	-3.9



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3015
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/10/2025
Lab Sample No.: PTOXCCC500 **Data File :** PD090235.D **Time Analyzed:** 18:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.064	7.965	8.165	50.480	50.000	1.0
Tetrachloro-m-xylene	2.876	2.777	2.977	51.980	50.000	4.0
Toxaphene-1	5.469	5.369	5.569	541.080	500.000	8.2
Toxaphene-2	5.640	5.541	5.741	534.580	500.000	6.9
Toxaphene-3	6.750	6.650	6.850	557.110	500.000	11.4
Toxaphene-4	7.191	7.092	7.292	533.520	500.000	6.7
Toxaphene-5	7.322	7.223	7.423	560.190	500.000	12.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
 Data File : PD090235.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 18:51
 Operator : AR\AJ
 Sample : PTOXCCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PTOXCCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 08:13:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 05:29:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.546	2.876	138.1E6	1160.4E6	46.304	51.978
7) SA Decachlor...	9.066	8.064	202.8E6	1339.6E6	46.828	50.475
Target Compounds						
2) Toxaphene-1	6.238	5.469	19901620	123.9E6	459.598	541.083
3) Toxaphene-2	6.438	5.640	25849658	82018185	465.221	534.576
4) Toxaphene-3	7.144	6.750	50444224	404.2E6	478.429	557.112
5) Toxaphene-4	7.559	7.191	64044312	264.6E6	474.996	533.520
6) Toxaphene-5	7.924	7.322	36942241	201.1E6	480.386	560.188

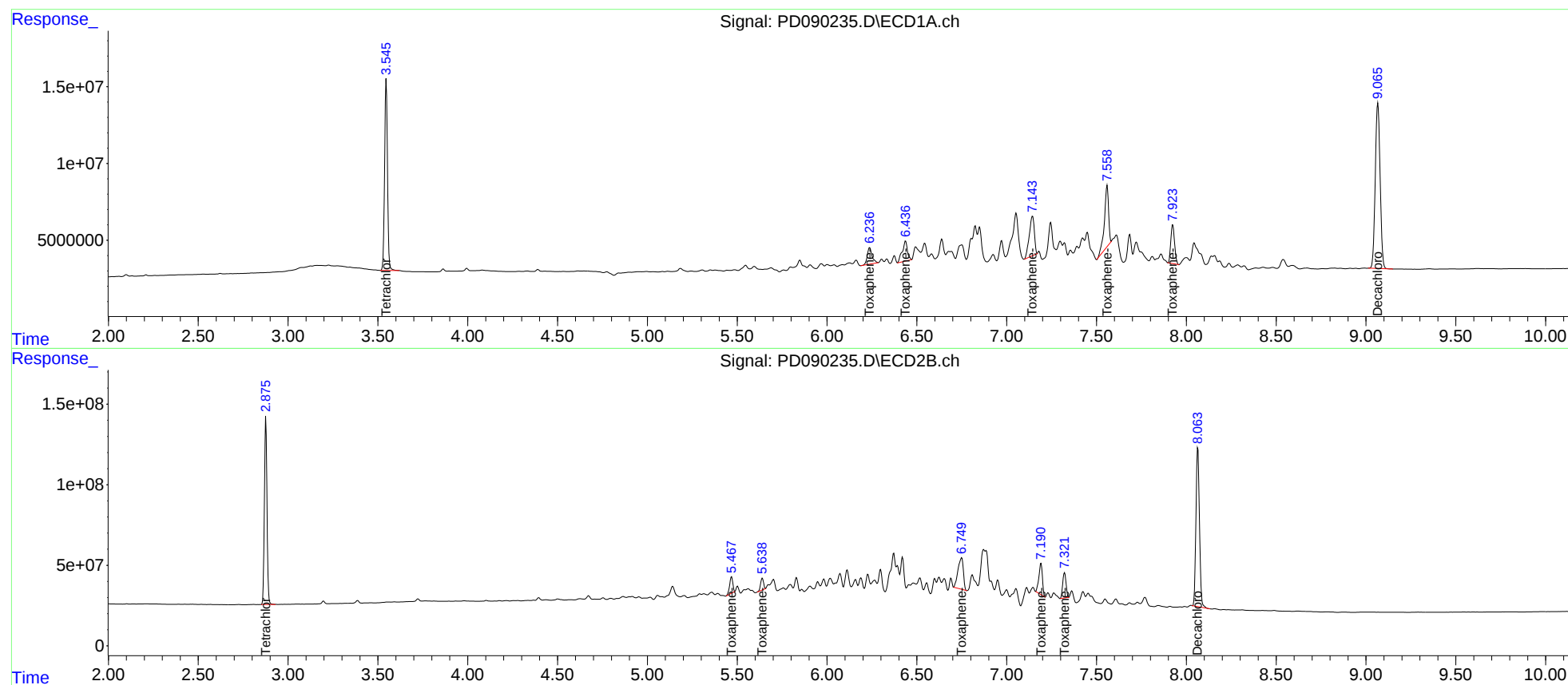
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

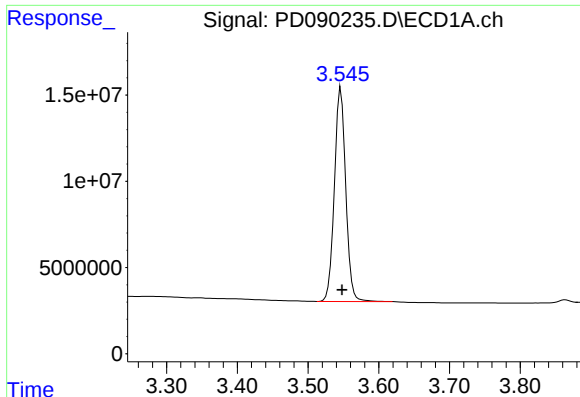
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090235.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 18:51
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 08:13:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:29:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm

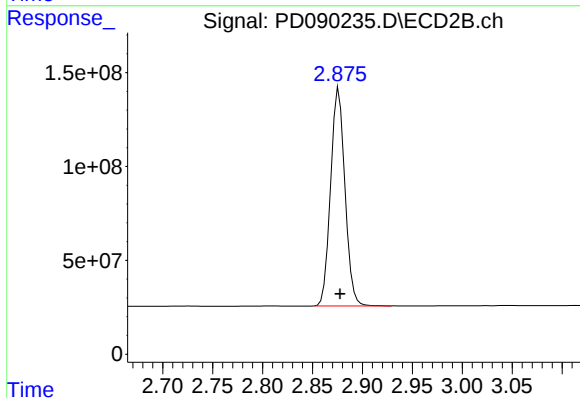




#1 Tetrachloro-m-xylene

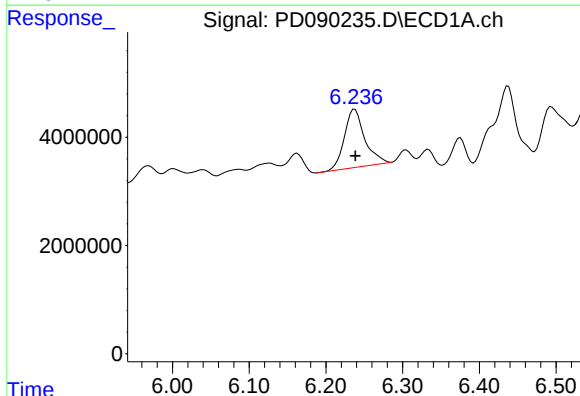
R.T.: 3.546 min
Delta R.T.: -0.002 min
Response: 138102323
Conc: 46.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500



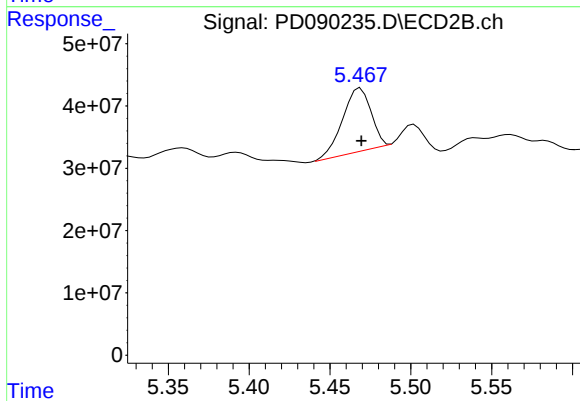
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 1160362470
Conc: 51.98 ng/ml



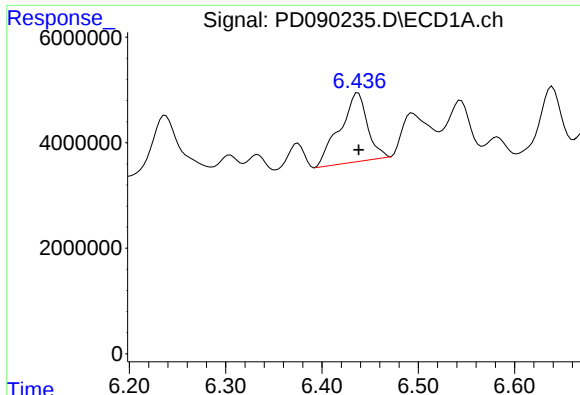
#2 Toxaphene-1

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 19901620
Conc: 459.60 ng/ml



#2 Toxaphene-1

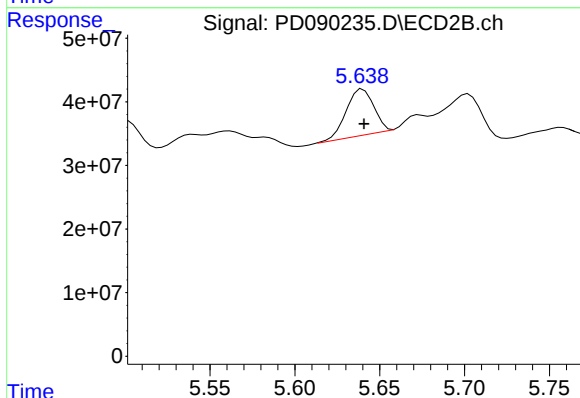
R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 123910763
Conc: 541.08 ng/ml



#3 Toxaphene-2

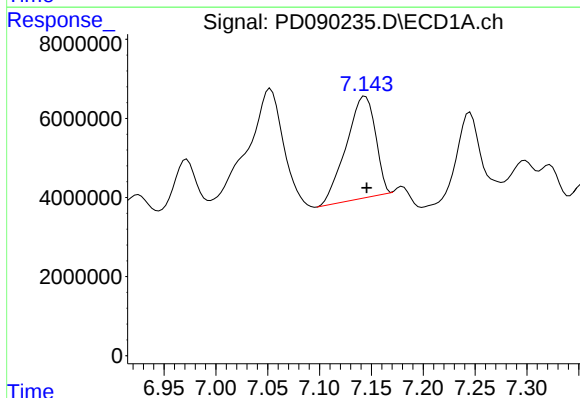
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 25849658
Conc: 465.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500



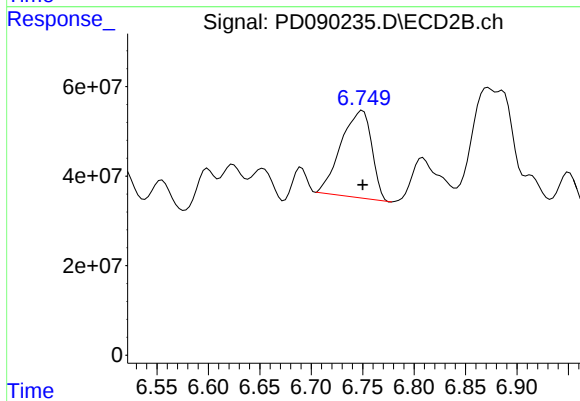
#3 Toxaphene-2

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 82018185
Conc: 534.58 ng/ml



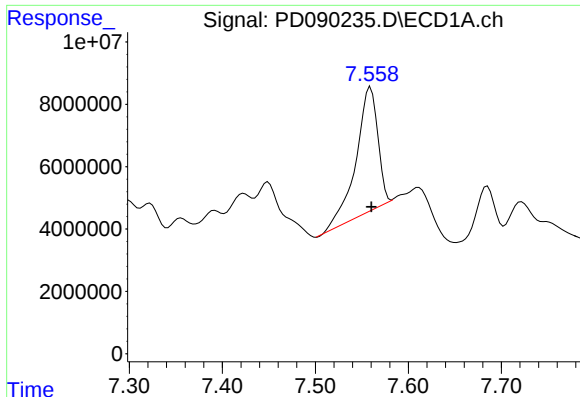
#4 Toxaphene-3

R.T.: 7.144 min
Delta R.T.: -0.001 min
Response: 50444224
Conc: 478.43 ng/ml



#4 Toxaphene-3

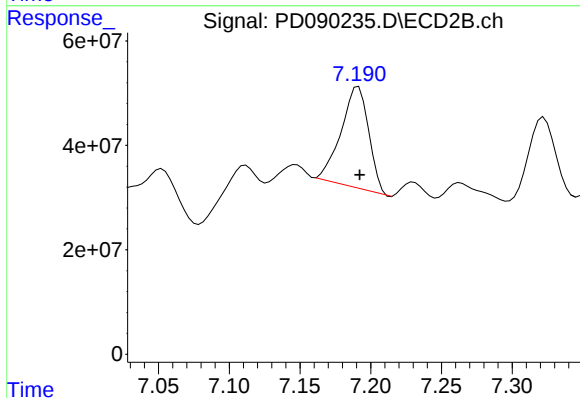
R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 404239942
Conc: 557.11 ng/ml



#5 Toxaphene-4

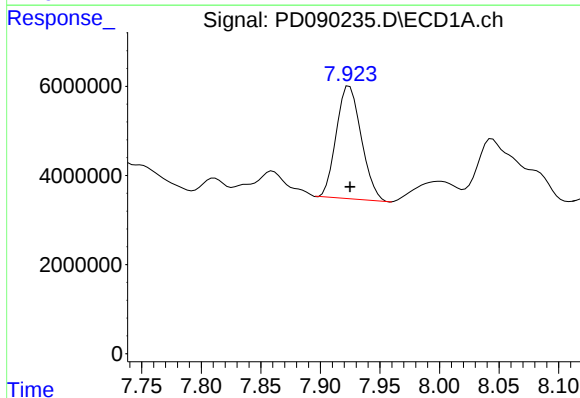
R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 64044312
Conc: 475.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500



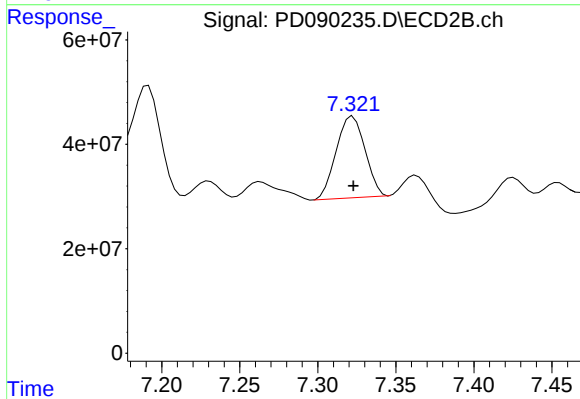
#5 Toxaphene-4

R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 264593647
Conc: 533.52 ng/ml



#6 Toxaphene-5

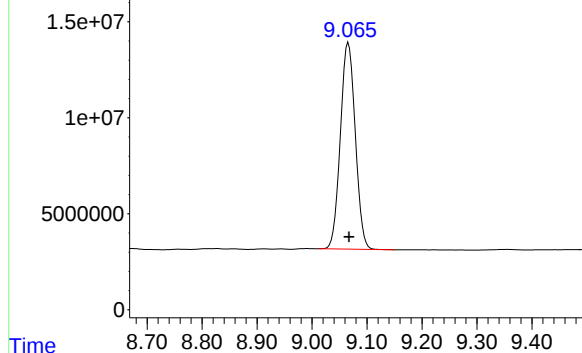
R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 36942241
Conc: 480.39 ng/ml



#6 Toxaphene-5

R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 201077507
Conc: 560.19 ng/ml

Response_ Signal: PD090235.D\ECD1A.ch

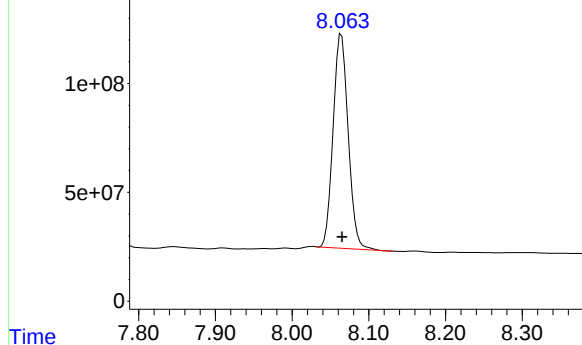


#7 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 202815619
Conc: 46.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500

Time Response_ Signal: PD090235.D\ECD2B.ch



#7 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 1339608702
Conc: 50.48 ng/ml



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Continuing Calib Date: 09/11/2025

Initial Calibration Date(s): 08/18/2025 08/18/2025

Continuing Calib Time: 11:17

Initial Calibration Time(s): 15:00 15:58

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Toxaphene-1	(1)	6.24	6.24	6.14	6.34	0.00
Toxaphene-2	(2)	6.44	6.44	6.34	6.54	0.00
Toxaphene-3	(3)	7.15	7.15	7.05	7.25	0.01
Toxaphene-4	(4)	7.56	7.56	7.46	7.66	0.00
Toxaphene-5	(5)	7.93	7.93	7.83	8.03	0.00
Decachlorobiphenyl		9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene		3.55	3.55	3.45	3.65	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Continuing Calib Date: 09/11/2025

Initial Calibration Date(s): 08/18/2025 08/18/2025

Continuing Calib Time: 11:17

Initial Calibration Time(s): 15:00 15:58

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Toxaphene-1	(1)	5.47	5.47	5.37	5.57	0.00
Toxaphene-2	(2)	5.64	5.64	5.54	5.74	0.00
Toxaphene-3	(3)	6.75	6.75	6.65	6.85	0.00
Toxaphene-4	(4)	7.19	7.19	7.09	7.29	0.00
Toxaphene-5	(5)	7.32	7.32	7.22	7.42	0.00
Decachlorobiphenyl		8.06	8.07	7.97	8.17	0.01
Tetrachloro-m-xylene		2.88	2.88	2.78	2.98	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3015
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/11/2025
Lab Sample No.: PTOXCCC500 **Data File :** PD090241.D **Time Analyzed:** 11:17

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.069	8.968	9.168	48.810	50.000	-2.4
Tetrachloro-m-xylene	3.547	3.448	3.648	46.770	50.000	-6.5
Toxaphene-1	6.239	6.138	6.338	503.050	500.000	0.6
Toxaphene-2	6.439	6.338	6.538	491.420	500.000	-1.7
Toxaphene-3	7.145	7.045	7.245	490.810	500.000	-1.8
Toxaphene-4	7.561	7.460	7.660	488.080	500.000	-2.4
Toxaphene-5	7.926	7.825	8.025	501.750	500.000	0.4



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3015
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/11/2025
Lab Sample No.: PTOXCCC500 **Data File :** PD090241.D **Time Analyzed:** 11:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.064	7.965	8.165	52.840	50.000	5.7
Tetrachloro-m-xylene	2.876	2.777	2.977	53.490	50.000	7.0
Toxaphene-1	5.469	5.369	5.569	597.490	500.000	19.5
Toxaphene-2	5.640	5.541	5.741	513.980	500.000	2.8
Toxaphene-3	6.749	6.650	6.850	571.990	500.000	14.4
Toxaphene-4	7.191	7.092	7.292	560.610	500.000	12.1
Toxaphene-5	7.322	7.223	7.423	592.860	500.000	18.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 11:17
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 09:10:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:29:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.547	2.876	139.5E6	1194.2E6	46.774	53.491
7) SA Decachlor...	9.069	8.064	211.4E6	1402.5E6	48.814	52.845
Target Compounds						
2) Toxaphene-1	6.239	5.469	21783172	136.8E6	503.049	597.485
3) Toxaphene-2	6.439	5.640	27305683	78858341	491.425	513.980
4) Toxaphene-3	7.145	6.749	51749436	415.0E6	490.808	571.991
5) Toxaphene-4	7.561	7.191	65808123	278.0E6	488.078	560.615
6) Toxaphene-5	7.926	7.322	38585353	212.8E6	501.752	592.863

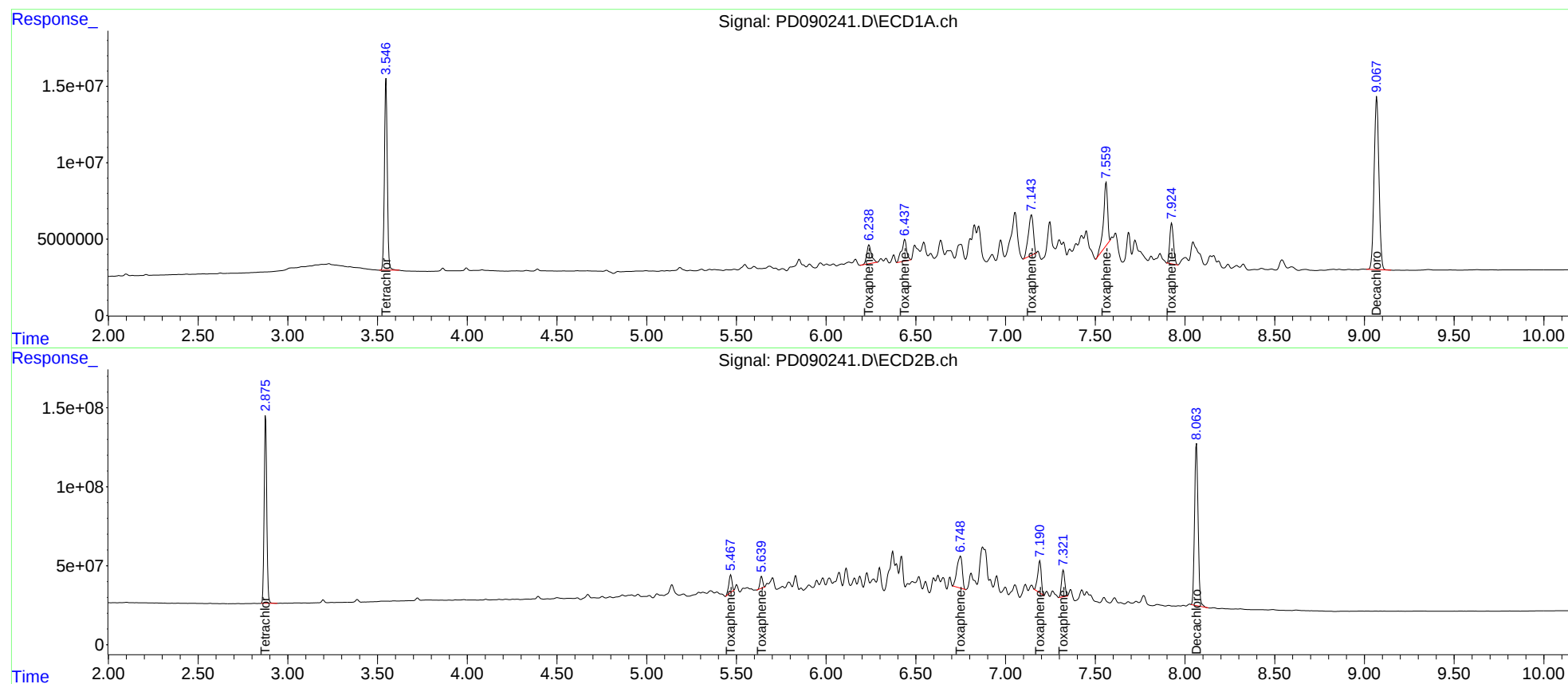
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

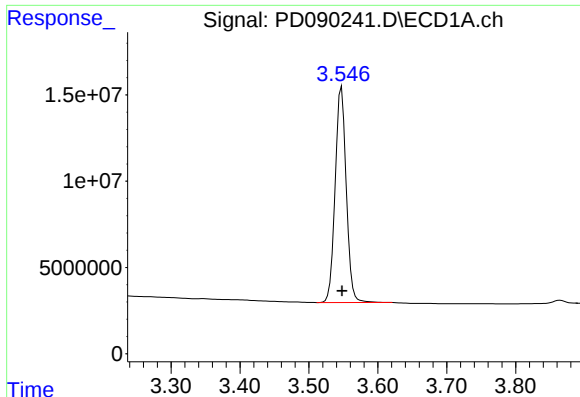
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 11:17
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 09:10:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:29:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm

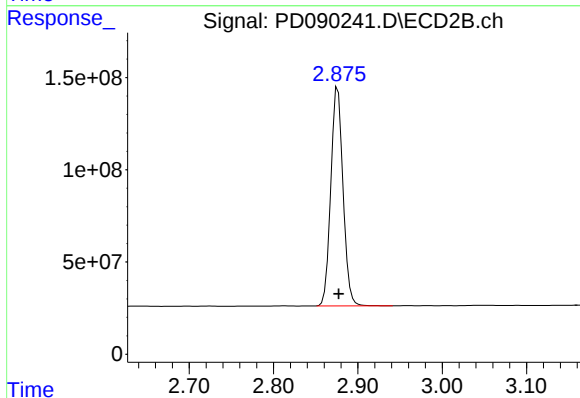




#1 Tetrachloro-m-xylene

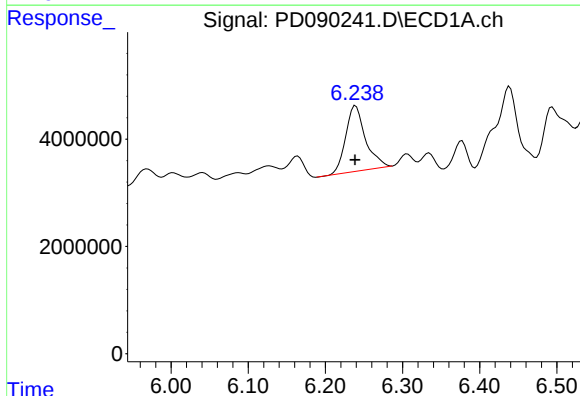
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 139503310
Conc: 46.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500



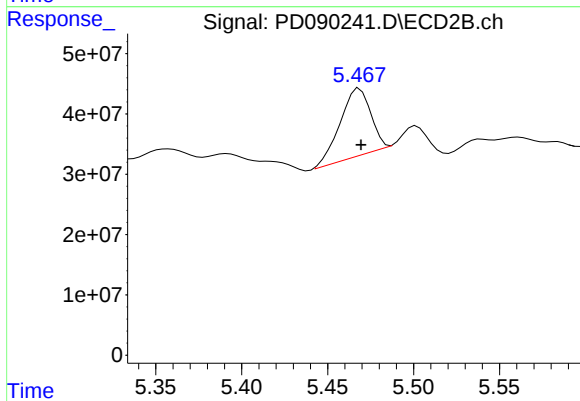
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.001 min
Response: 1194152683
Conc: 53.49 ng/ml



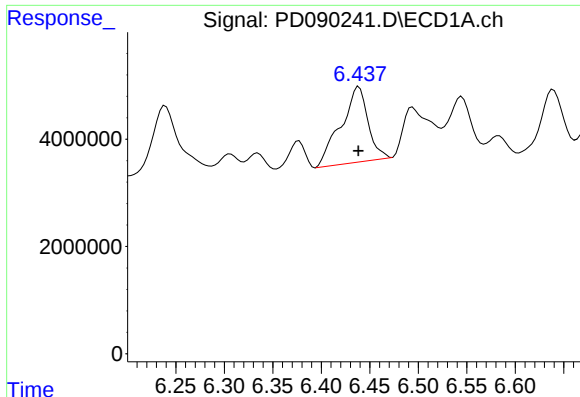
#2 Toxaphene-1

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 21783172
Conc: 503.05 ng/ml



#2 Toxaphene-1

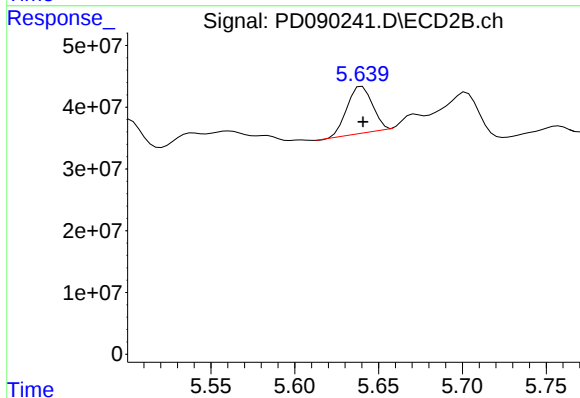
R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 136827173
Conc: 597.49 ng/ml



#3 Toxaphene-2

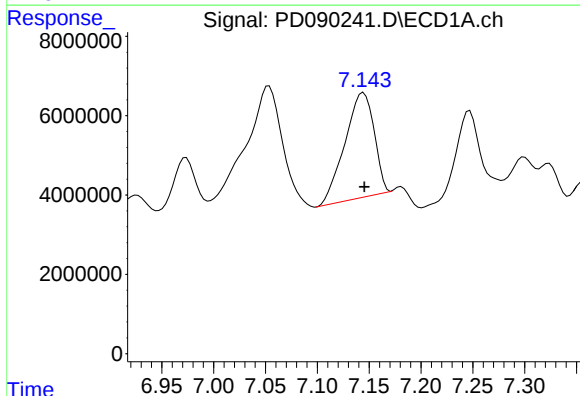
R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 27305683
Conc: 491.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500



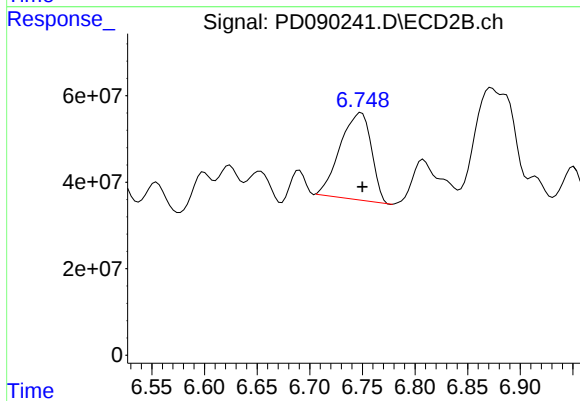
#3 Toxaphene-2

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 78858341
Conc: 513.98 ng/ml



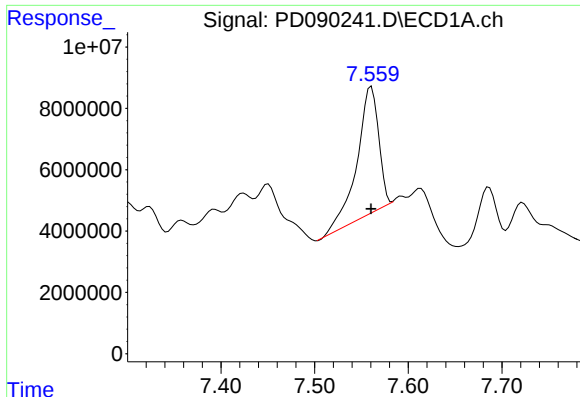
#4 Toxaphene-3

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 51749436
Conc: 490.81 ng/ml



#4 Toxaphene-3

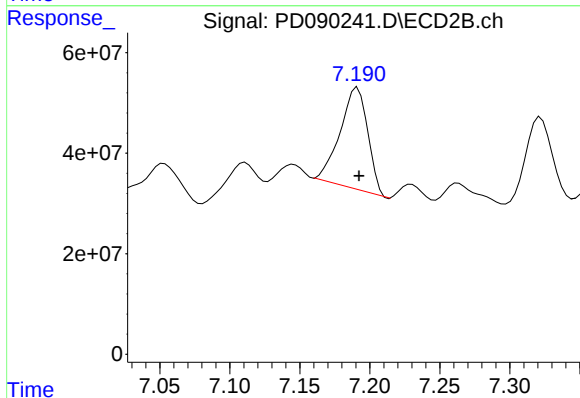
R.T.: 6.749 min
Delta R.T.: -0.001 min
Response: 415035989
Conc: 571.99 ng/ml



#5 Toxaphene-4

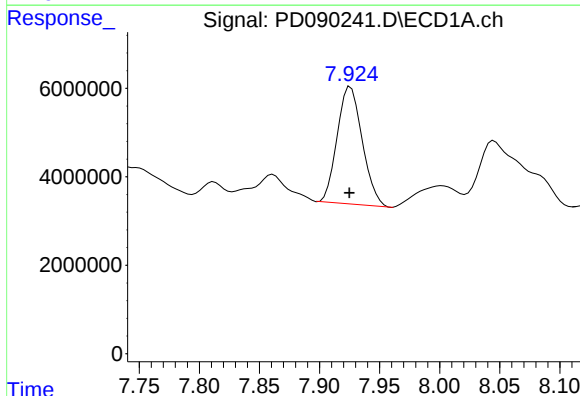
R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 65808123
Conc: 488.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500



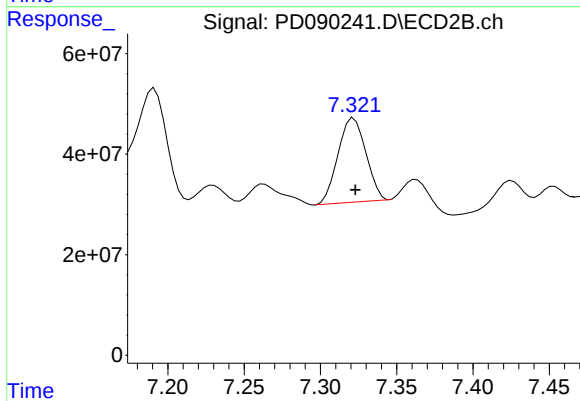
#5 Toxaphene-4

R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 278030858
Conc: 560.61 ng/ml



#6 Toxaphene-5

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 38585353
Conc: 501.75 ng/ml

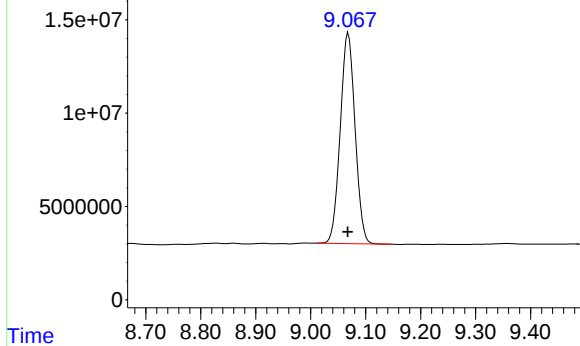


#6 Toxaphene-5

R.T.: 7.322 min
Delta R.T.: -0.001 min
Response: 212806397
Conc: 592.86 ng/ml

Signal: PD090241.D\ECD1A.ch

#7 Decachlorobiphenyl

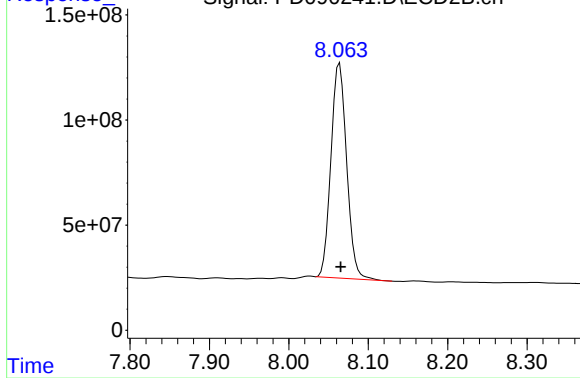


R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 211417653
Conc: 48.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500

Signal: PD090241.D\ECD2B.ch

#7 Decachlorobiphenyl



R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 1402489326
Conc: 52.84 ng/ml



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Continuing Calib Date: 09/11/2025

Initial Calibration Date(s): 08/18/2025 08/18/2025

Continuing Calib Time: 18:25

Initial Calibration Time(s): 15:00 15:58

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Toxaphene-1	(1)	6.24	6.24	6.14	6.34	0.00
Toxaphene-2	(2)	6.44	6.44	6.34	6.54	0.00
Toxaphene-3	(3)	7.15	7.15	7.05	7.25	0.00
Toxaphene-4	(4)	7.56	7.56	7.46	7.66	0.00
Toxaphene-5	(5)	7.93	7.93	7.83	8.03	0.00
Decachlorobiphenyl		9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene		3.55	3.55	3.45	3.65	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Continuing Calib Date: 09/11/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 18:25

Initial Calibration Time(s): 15:00

15:58

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Toxaphene-1	(1)	5.47	5.47	5.37	5.57	0.00
Toxaphene-2	(2)	5.64	5.64	5.54	5.74	0.00
Toxaphene-3	(3)	6.75	6.75	6.65	6.85	0.00
Toxaphene-4	(4)	7.19	7.19	7.09	7.29	0.00
Toxaphene-5	(5)	7.32	7.32	7.22	7.42	0.00
Decachlorobiphenyl		8.07	8.07	7.97	8.17	0.01
Tetrachloro-m-xylene		2.88	2.88	2.78	2.98	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3015
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/11/2025
Lab Sample No.: PTOXCCC500 **Data File :** PD090255.D **Time Analyzed:** 18:25

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.069	8.968	9.168	46.430	50.000	-7.1
Tetrachloro-m-xylene	3.549	3.448	3.648	42.990	50.000	-14.0
Toxaphene-1	6.240	6.138	6.338	429.230	500.000	-14.2
Toxaphene-2	6.440	6.338	6.538	440.980	500.000	-11.8
Toxaphene-3	7.146	7.045	7.245	434.860	500.000	-13.0
Toxaphene-4	7.561	7.460	7.660	450.330	500.000	-9.9
Toxaphene-5	7.926	7.825	8.025	450.760	500.000	-9.8



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3015
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/11/2025
Lab Sample No.: PTOXCCC500 **Data File :** PD090255.D **Time Analyzed:** 18:25

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.065	7.965	8.165	51.390	50.000	2.8
Tetrachloro-m-xylene	2.877	2.777	2.977	50.820	50.000	1.6
Toxaphene-1	5.470	5.369	5.569	502.210	500.000	0.4
Toxaphene-2	5.641	5.541	5.741	513.250	500.000	2.7
Toxaphene-3	6.750	6.650	6.850	532.910	500.000	6.6
Toxaphene-4	7.192	7.092	7.292	522.570	500.000	4.5
Toxaphene-5	7.323	7.223	7.423	541.120	500.000	8.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 18:25
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 06:26:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:29:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.549	2.877	128.2E6	1134.5E6	42.995	50.818
7) SA Decachlor...	9.069	8.065	201.1E6	1363.8E6	46.425	51.387
Target Compounds						
2) Toxaphene-1	6.240	5.470	18586467	115.0E6	429.226	502.210
3) Toxaphene-2	6.440	5.641	24502938	78745971	440.983	513.248
4) Toxaphene-3	7.146	6.750	45850805	386.7E6	434.864	532.911
5) Toxaphene-4	7.561	7.192	60717934	259.2E6	450.326	522.569
6) Toxaphene-5	7.926	7.323	34664258	194.2E6	450.764	541.119

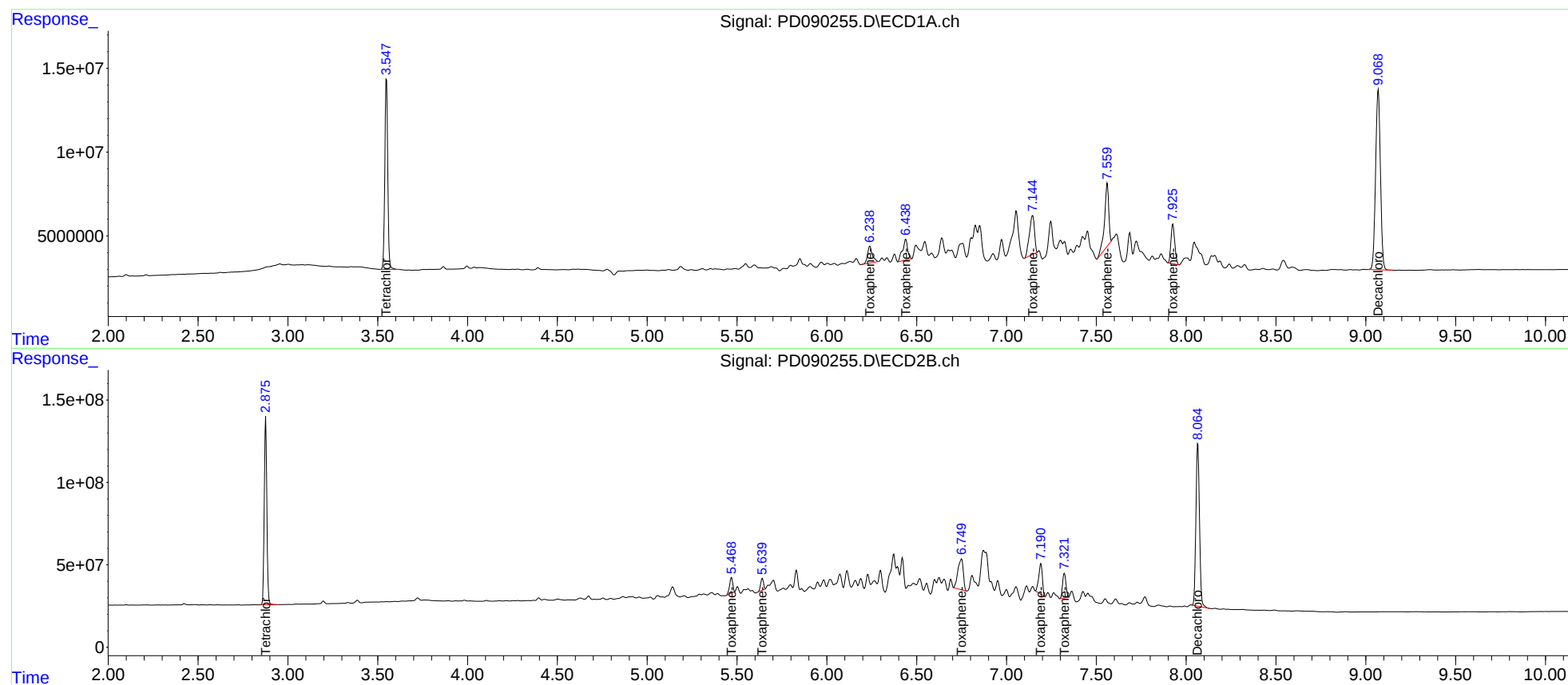
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 18:25
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

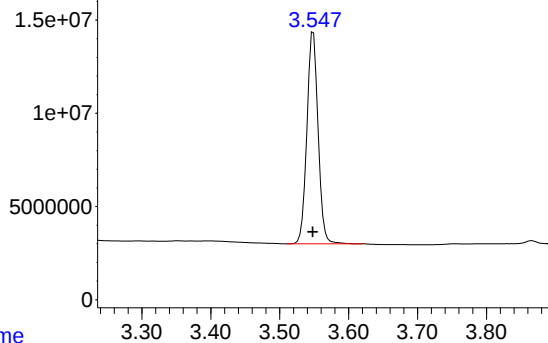
Instrument :
ECD_D
ClientSampleId :
PTOXCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 06:26:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:29:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PD090255.D\ECD1A.ch

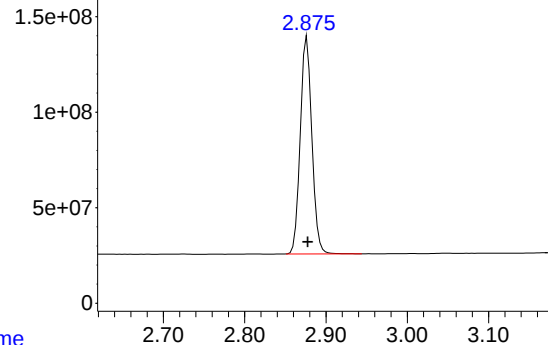


#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 128231042
Conc: 42.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500

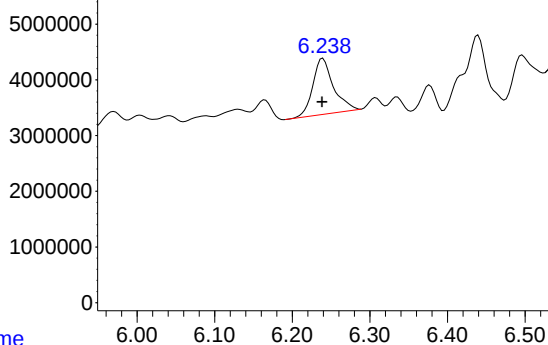
Time Response_ Signal: PD090255.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 1134484866
Conc: 50.82 ng/ml

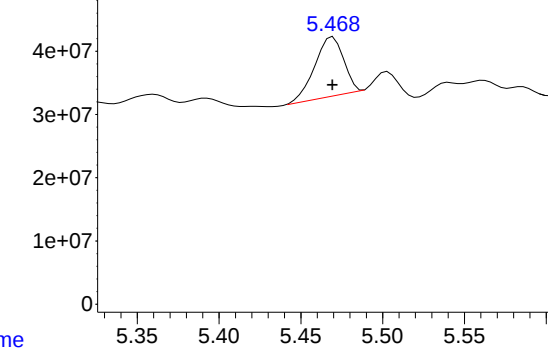
Time Response_ Signal: PD090255.D\ECD1A.ch



#2 Toxaphene-1

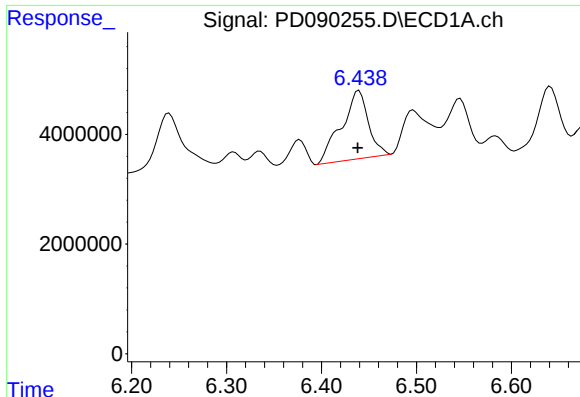
R.T.: 6.240 min
Delta R.T.: 0.001 min
Response: 18586467
Conc: 429.23 ng/ml

Time Response_ Signal: PD090255.D\ECD2B.ch



#2 Toxaphene-1

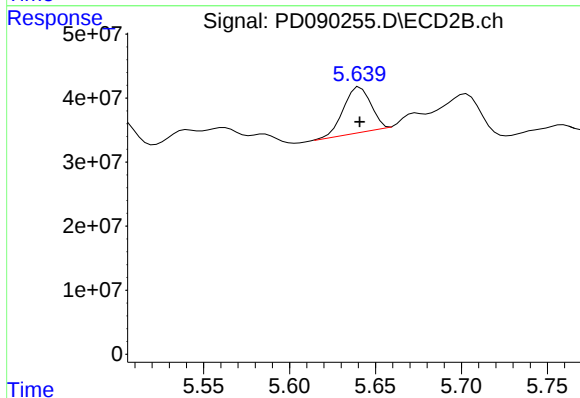
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 115008738
Conc: 502.21 ng/ml



#3 Toxaphene-2

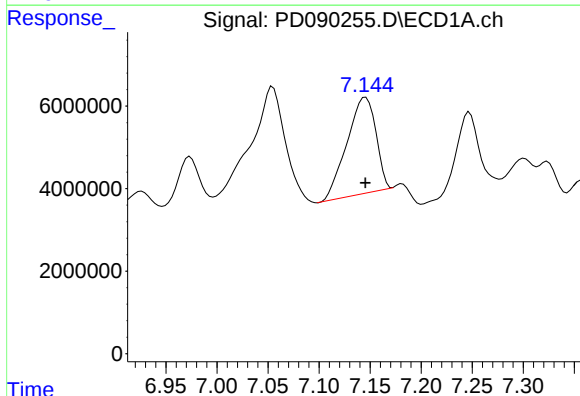
R.T.: 6.440 min
Delta R.T.: 0.001 min
Response: 24502938
Conc: 440.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500



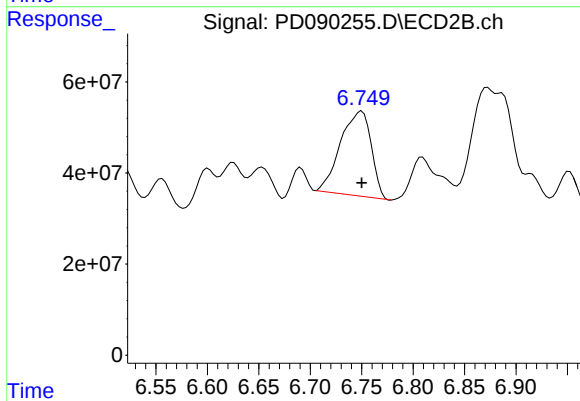
#3 Toxaphene-2

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 78745971
Conc: 513.25 ng/ml



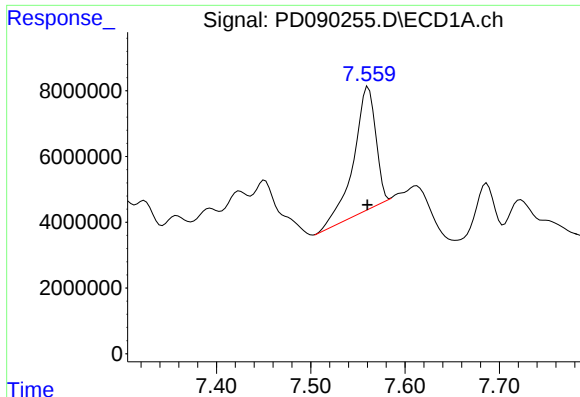
#4 Toxaphene-3

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 45850805
Conc: 434.86 ng/ml



#4 Toxaphene-3

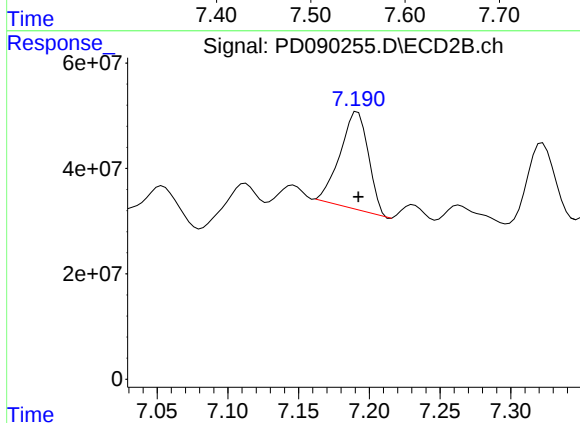
R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 386679551
Conc: 532.91 ng/ml



#5 Toxaphene-4

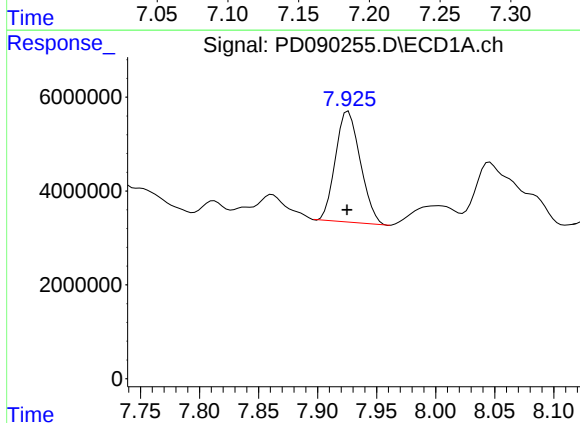
R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 60717934
Conc: 450.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500



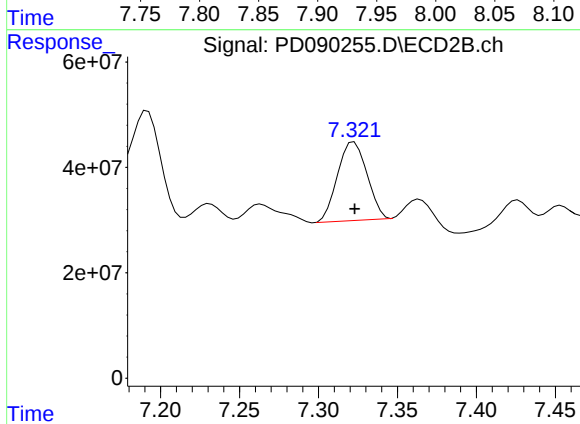
#5 Toxaphene-4

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 259162455
Conc: 522.57 ng/ml



#6 Toxaphene-5

R.T.: 7.926 min
Delta R.T.: 0.001 min
Response: 34664258
Conc: 450.76 ng/ml

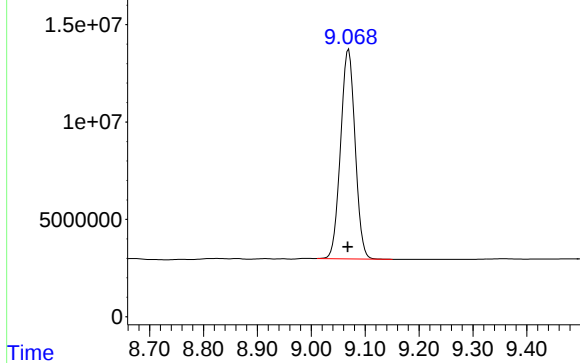


#6 Toxaphene-5

R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 194232992
Conc: 541.12 ng/ml

Signal: PD090255.D\ECD1A.ch

#7 Decachlorobiphenyl

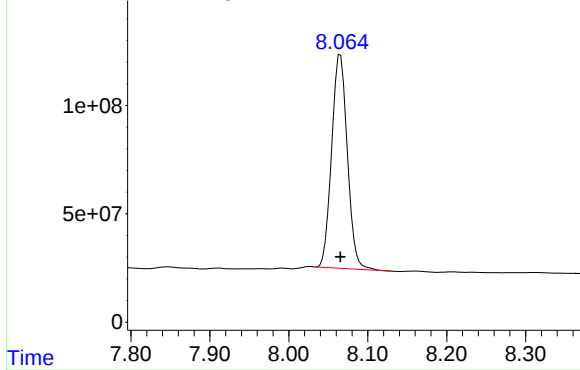


R.T.: 9.069 min
Delta R.T.: 0.002 min
Response: 201073203
Conc: 46.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXCCC500

Signal: PD090255.D\ECD2B.ch

#7 Decachlorobiphenyl



R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 1363813005
Conc: 51.39 ng/ml

Analytical Sequence

Client: Alliance Technical Group, LLC - Newark	SDG No.: Q3015
Project: NJ Waste Water PT	Instrument ID: ECD_D
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 08/18/2025 08/18/2025

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	08/18/2025	10:44	PD089961.D	9.07	3.55
PTOXICC1000	PTOXICC1000	08/18/2025	15:00	PD089974.D	9.07	3.55
PTOXICC750	PTOXICC750	08/18/2025	15:17	PD089975.D	9.07	3.55
PTOXICC500	PTOXICC500	08/18/2025	15:31	PD089976.D	9.07	3.55
PTOXICC250	PTOXICC250	08/18/2025	15:44	PD089977.D	9.07	3.55
PTOXICC100	PTOXICC100	08/18/2025	15:58	PD089978.D	9.07	3.55
IBLK	IBLK	09/10/2025	13:55	PD090219.D	9.07	3.55
PTOXCCC500	PTOXCCC500	09/10/2025	15:55	PD090223.D	9.07	3.55
WP0925-PT-TXP-WP	Q3015-13	09/10/2025	16:28	PD090225.D	9.07	3.55
WP0925-PT-TXP-WPDL	Q3015-13DL	09/10/2025	16:48	PD090226.D	9.07	3.55
PB169637BL	PB169637BL	09/10/2025	17:29	PD090229.D	9.07	3.55
IBLK	IBLK	09/10/2025	18:10	PD090232.D	9.07	3.54
PTOXCCC500	PTOXCCC500	09/10/2025	18:51	PD090235.D	9.07	3.55
IBLK	IBLK	09/11/2025	09:52	PD090237.D	9.07	3.55
PTOXCCC500	PTOXCCC500	09/11/2025	11:17	PD090241.D	9.07	3.55
PB169637BS	PB169637BS	09/11/2025	13:05	PD090242.D	9.07	3.55
IBLK	IBLK	09/11/2025	17:43	PD090252.D	9.07	3.55
PTOXCCC500	PTOXCCC500	09/11/2025	18:25	PD090255.D	9.07	3.55

Analytical Sequence

Client: Alliance Technical Group, LLC - Newark	SDG No.: Q3015
Project: NJ Waste Water PT	Instrument ID: ECD_D
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 08/18/2025 08/18/2025

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	08/18/2025	10:44	PD089961.D	8.06	2.88
PTOXICC1000	PTOXICC1000	08/18/2025	15:00	PD089974.D	8.07	2.88
PTOXICC750	PTOXICC750	08/18/2025	15:17	PD089975.D	8.07	2.88
PTOXICC500	PTOXICC500	08/18/2025	15:31	PD089976.D	8.07	2.88
PTOXICC250	PTOXICC250	08/18/2025	15:44	PD089977.D	8.07	2.88
PTOXICC100	PTOXICC100	08/18/2025	15:58	PD089978.D	8.07	2.88
IBLK	IBLK	09/10/2025	13:55	PD090219.D	8.06	2.88
PTOXCCC500	PTOXCCC500	09/10/2025	15:55	PD090223.D	8.06	2.88
WP0925-PT-TXP-WP	Q3015-13	09/10/2025	16:28	PD090225.D	8.06	2.88
WP0925-PT-TXP-WPDL	Q3015-13DL	09/10/2025	16:48	PD090226.D	8.07	2.88
PB169637BL	PB169637BL	09/10/2025	17:29	PD090229.D	8.06	2.88
IBLK	IBLK	09/10/2025	18:10	PD090232.D	8.06	2.88
PTOXCCC500	PTOXCCC500	09/10/2025	18:51	PD090235.D	8.06	2.88
IBLK	IBLK	09/11/2025	09:52	PD090237.D	8.06	2.88
PTOXCCC500	PTOXCCC500	09/11/2025	11:17	PD090241.D	8.06	2.88
PB169637BS	PB169637BS	09/11/2025	13:05	PD090242.D	8.07	2.88
IBLK	IBLK	09/11/2025	17:43	PD090252.D	8.06	2.88
PTOXCCC500	PTOXCCC500	09/11/2025	18:25	PD090255.D	8.07	2.88

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169637BS

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Lab Sample ID: PB169637BS

Date(s) Analyzed: 09/11/2025 09/11/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Toxaphene	1	7.07	7.02	7.12	2.00	14
	2	6.48	6.43	6.53	2.30	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WP0925-PT-TXP-WP

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Lab Sample ID: Q3015-13

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

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Toxaphene	1	7.06	7.01	7.11	40.2	4.6
	2	6.47	6.42	6.52	38.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WP0925-PT-TXP-WPDL

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Lab Sample ID: Q3015-13DL

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

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Toxaphene	1	7.07	7.02	7.12	38.6	10.1
	2	6.47	6.42	6.52	42.7	



QC SAMPLE DATA

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB169637BL	SDG No.:	Q3015
Lab Sample ID:	PB169637BL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group3
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090229.D	1	09/10/25 08:48	09/10/25 17:29	PB169637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.2		57 - 171	101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		61 - 148	100%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
 Data File : PD090229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 17:29
 Operator : AR\AJ
 Sample : PB169637BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB169637BL

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 08:20:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.545	2.876	50464437	450.5E6	17.195m	20.430
2) SA Decachlor...	9.066	8.063	86242544	539.3E6	19.982	20.835

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 17:29
Operator : AR\AJ
Sample : PB169637BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB169637BL

Manual Integrations

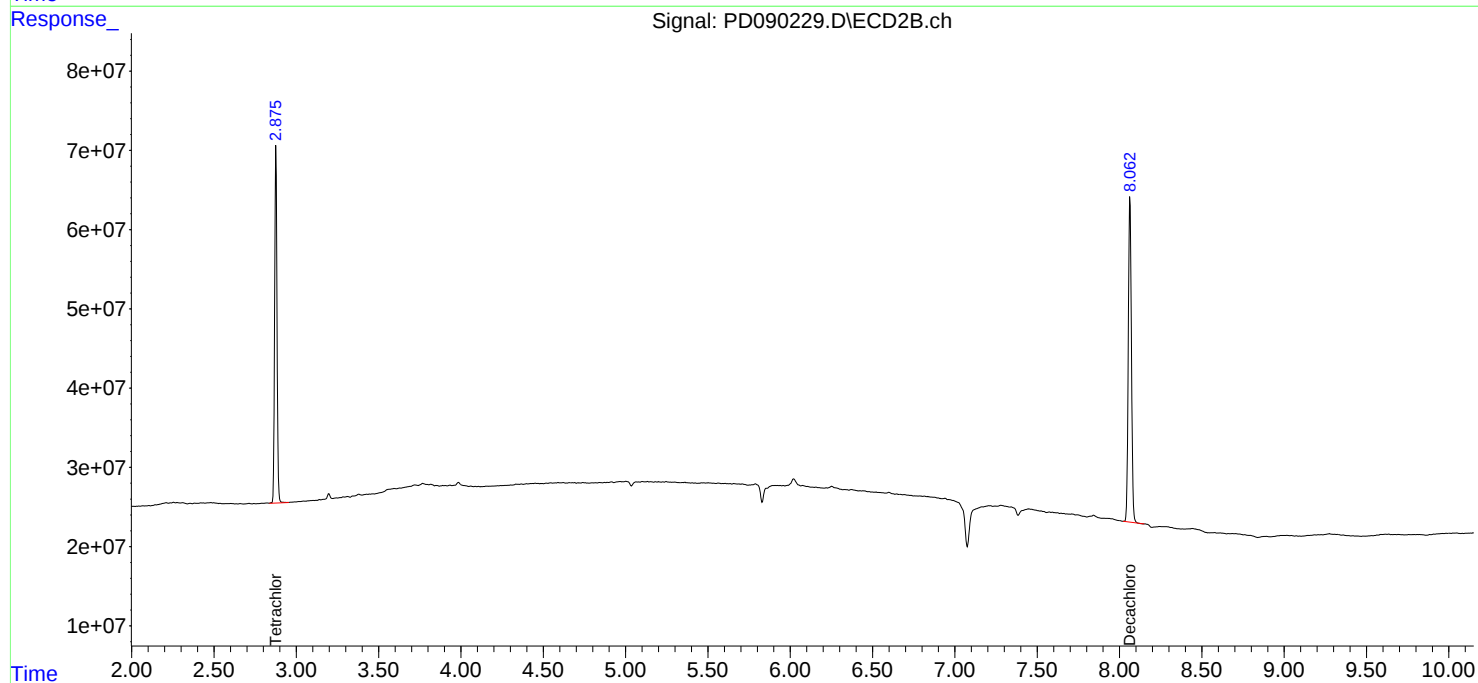
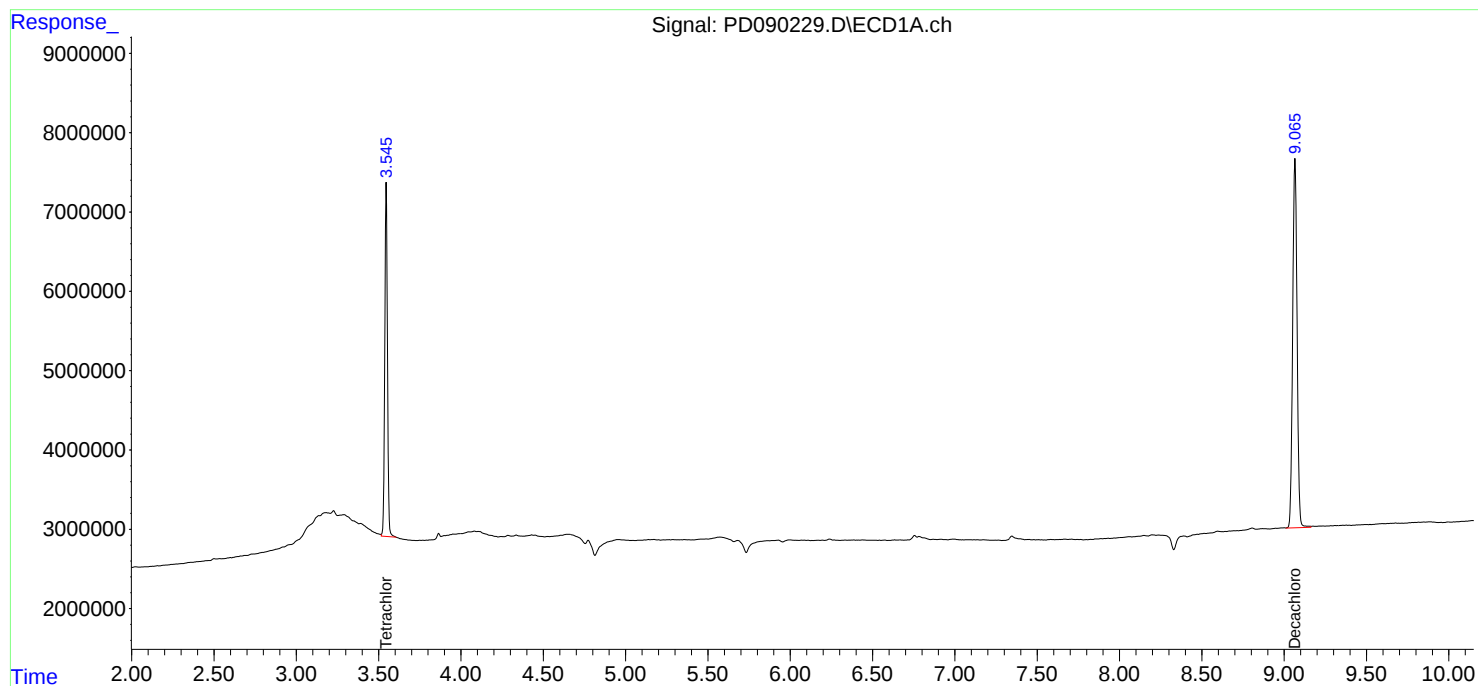
APPROVED

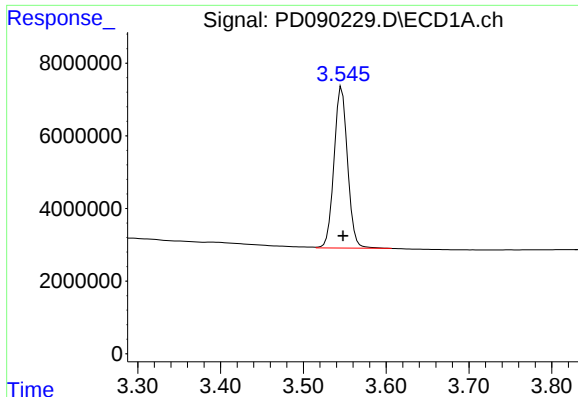
Reviewed By :Yogesh Patel 10/11/2025

Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 08:20:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





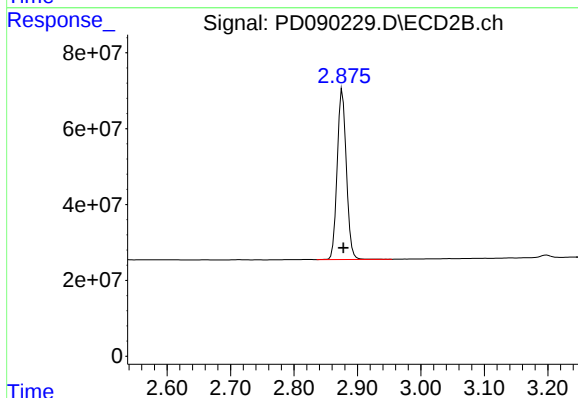
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.003 min
Response: 50464437
Conc: 17.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169637BL

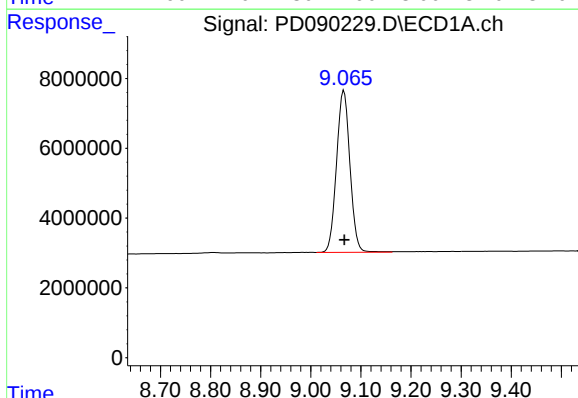
Manual Integrations
APPROVED

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



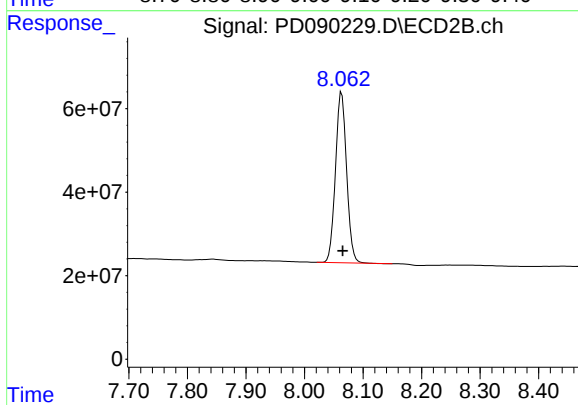
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 450493305
Conc: 20.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.000 min
Response: 86242544
Conc: 19.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 539324055
Conc: 20.83 ng/ml

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	08/18/25
Project:	NJ Waste Water PT	Date Received:	08/18/25
Client Sample ID:	PIBLK-PD089961.D	SDG No.:	Q3015
Lab Sample ID:	I.BLK-PD089961.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group3
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089961.D	1		08/18/25	pd081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.3		57 - 171	96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		61 - 148	88%	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_D\Data\PD081825\
Data File : PD089961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:44
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:46:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.547	2.876	51222346	386.0E6	17.453	17.507m
28) SA Decachlor...	9.068	8.064	83150013	472.4E6	19.266	18.248m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081825\
Data File : PD089961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:44
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

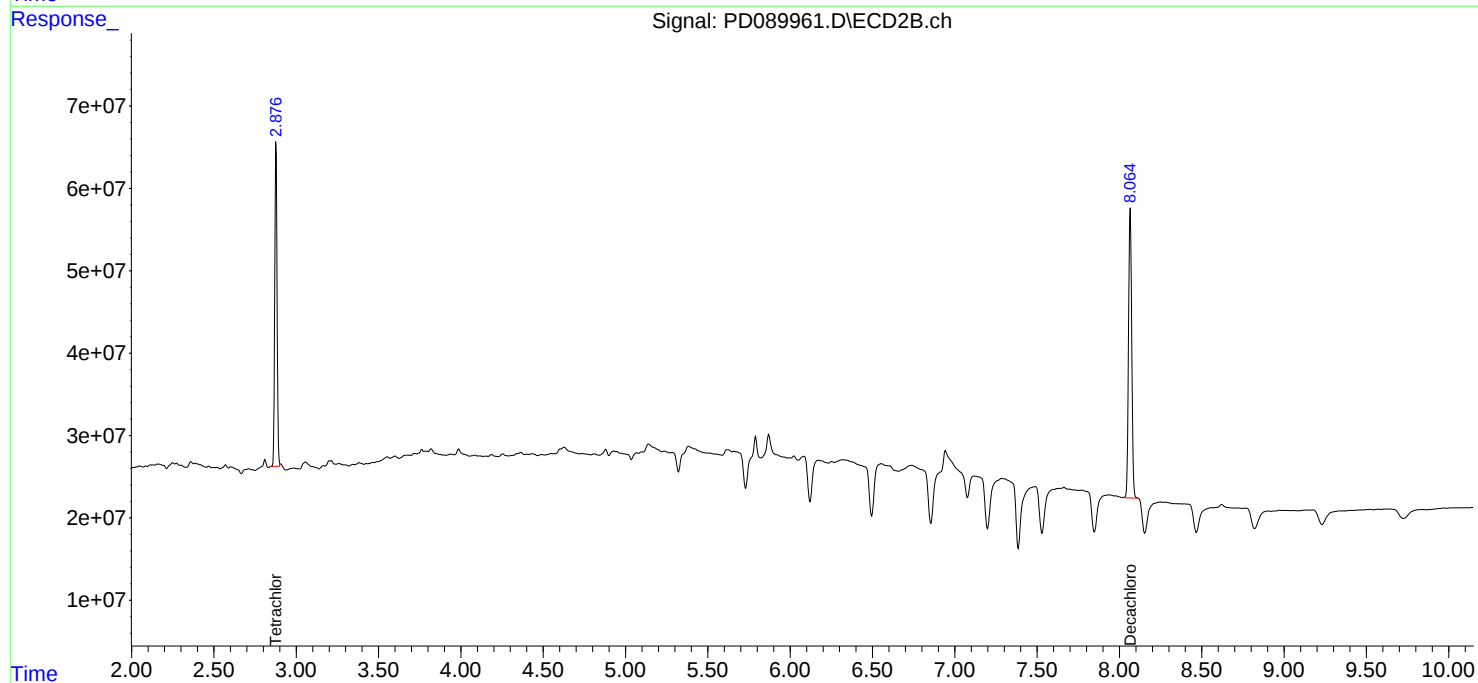
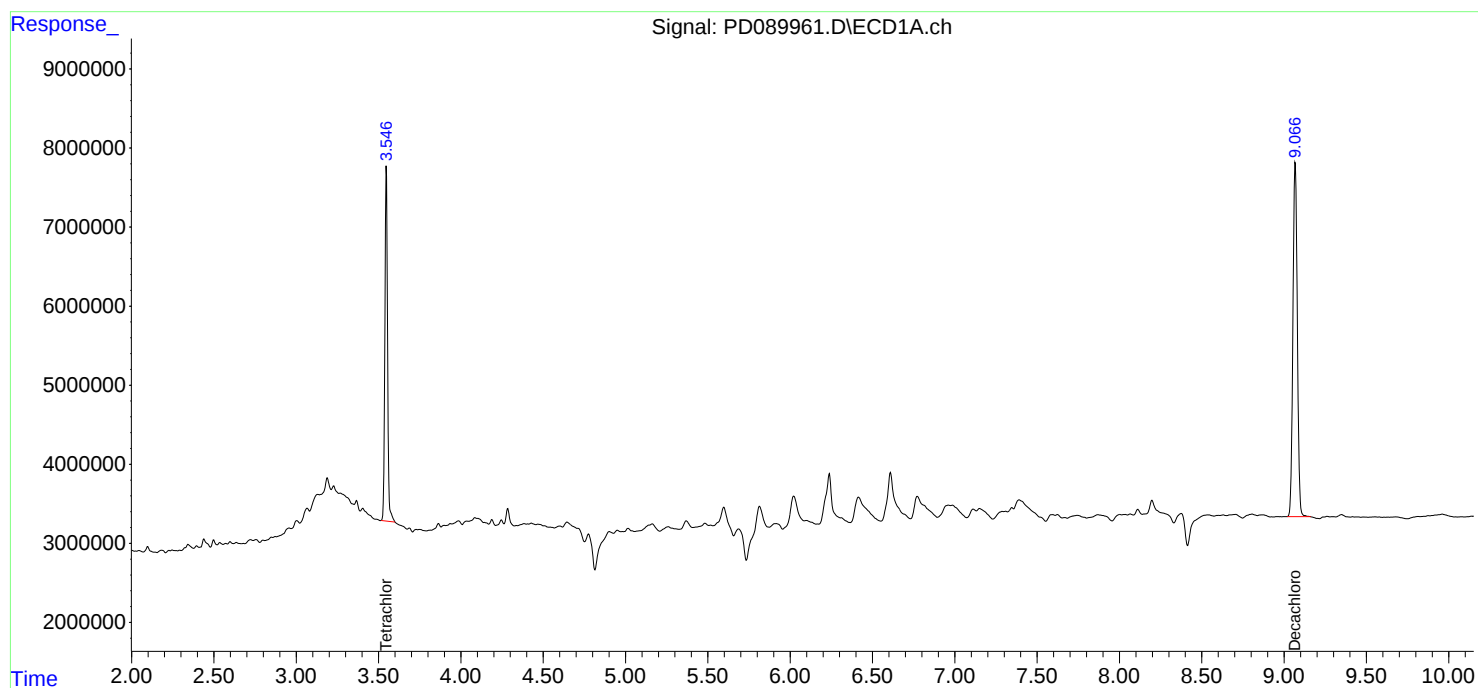
Instrument :
ECD_D
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/19/2025
Supervised By : mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:46:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PD089961.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 51222346
Conc: 17.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Time

Response_ Signal: PD089961.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 386030098
Conc: 17.51 ng/ml m

Time

Response_ Signal: PD089961.D\ECD1A.ch

#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 83150013
Conc: 19.27 ng/ml

Time

Response_ Signal: PD089961.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 472376959
Conc: 18.25 ng/ml m

Time

Response_ Signal: PD089961.D\ECD1A.ch

#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 472376959
Conc: 18.25 ng/ml m

Time

Response_ Signal: PD089961.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 472376959
Conc: 18.25 ng/ml m

Time

Response_ Signal: PD089961.D\ECD1A.ch

#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 472376959
Conc: 18.25 ng/ml m

Time

Response_ Signal: PD089961.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 472376959
Conc: 18.25 ng/ml m

Time

Response_ Signal: PD089961.D\ECD1A.ch

#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 472376959
Conc: 18.25 ng/ml m

Time

Response_ Signal: PD089961.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 472376959
Conc: 18.25 ng/ml m

Time

Response_ Signal: PD089961.D\ECD1A.ch

#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 472376959
Conc: 18.25 ng/ml m

Time

Response_ Signal: PD089961.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 472376959
Conc: 18.25 ng/ml m

Time

Response_ Signal: PD089961.D\ECD1A.ch

#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 472376959
Conc: 18.25 ng/ml m

Time

Response_ Signal: PD089961.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 472376959
Conc: 18.25 ng/ml m

Time

Response_ Signal: PD089961.D\ECD1A.ch

#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 472376959
Conc: 18.25 ng/ml m

Time

Response_ Signal: PD089961.D\ECD2B.ch

#28 Decachlorobiphenyl

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/10/25
Project:	NJ Waste Water PT	Date Received:	09/10/25
Client Sample ID:	PIBLK-PD090219.D	SDG No.:	Q3015
Lab Sample ID:	I.BLK-PD090219.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group3
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090219.D	1		09/10/25	pd091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		57 - 171	101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.3		61 - 148	101%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 13:55
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 08:19:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.876	52514969	446.7E6	17.894	20.256
28)	SA Decachlor...	9.066	8.064	83362172	520.9E6	19.315	20.123

Target Compounds

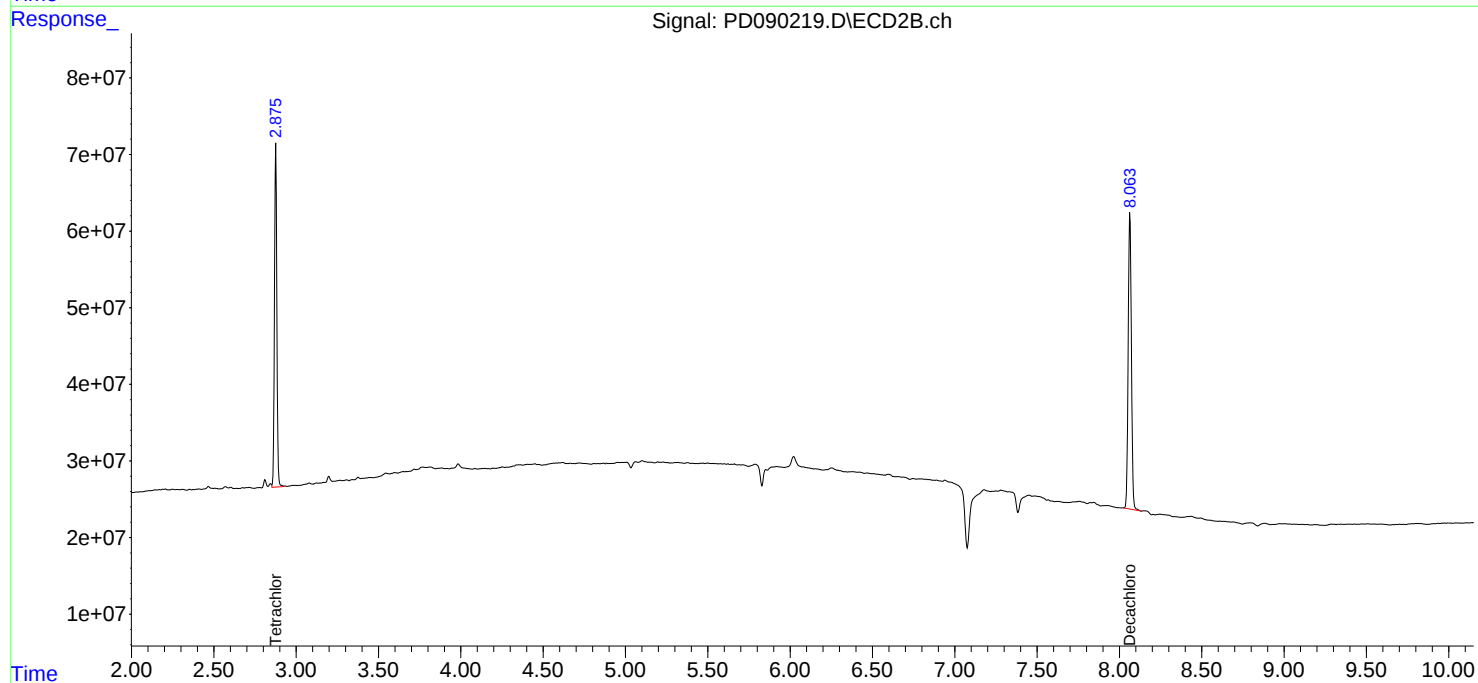
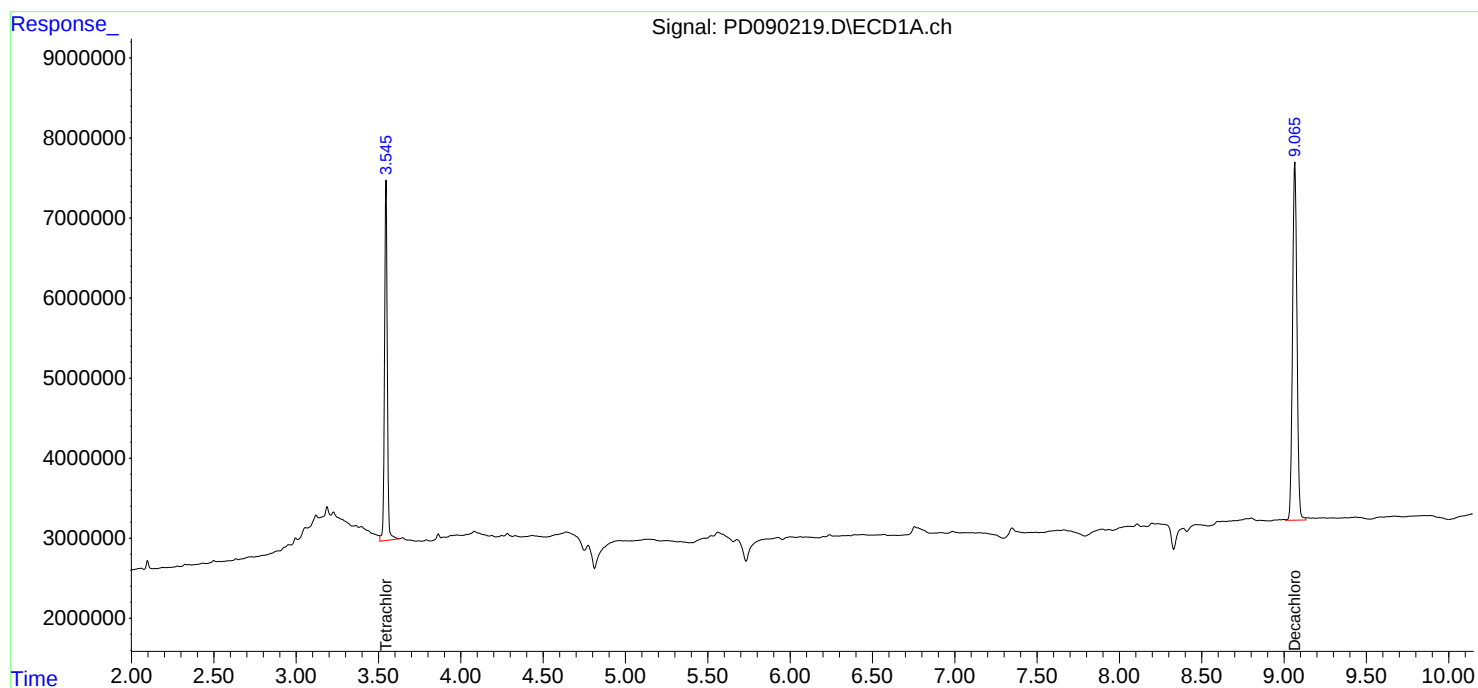
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

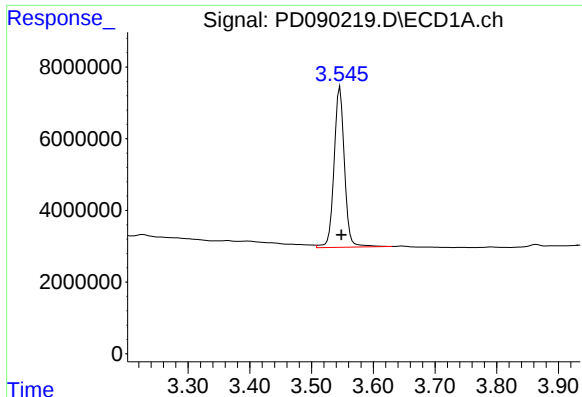
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 13:55
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 08:19:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

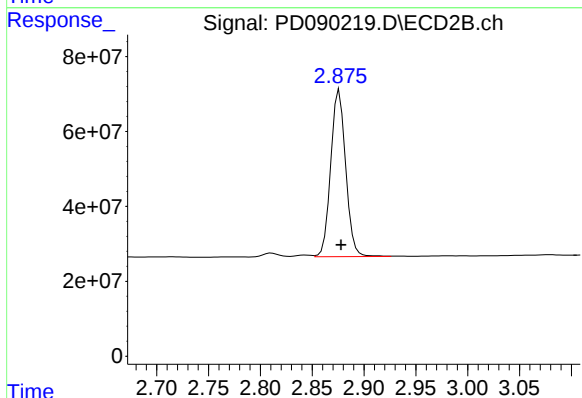




#1 Tetrachloro-m-xylene

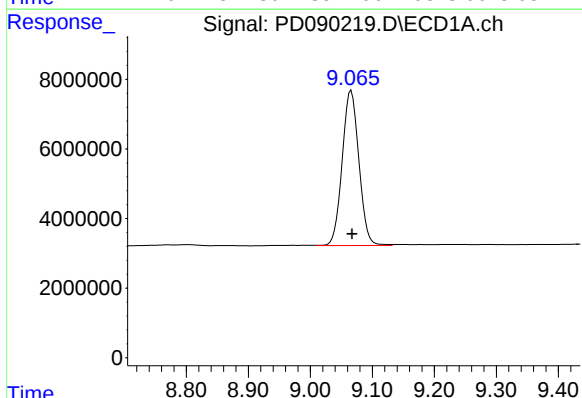
R.T.: 3.546 min
Delta R.T.: -0.002 min
Response: 52514969
Conc: 17.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



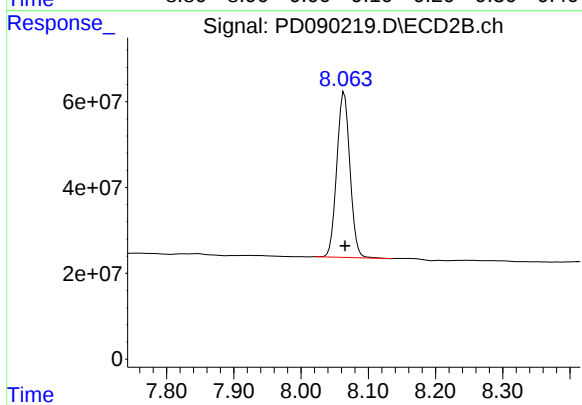
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 446666011
Conc: 20.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 83362172
Conc: 19.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 520892181
Conc: 20.12 ng/ml

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/10/25
Project:	NJ Waste Water PT	Date Received:	09/10/25
Client Sample ID:	PIBLK-PD090232.D	SDG No.:	Q3015
Lab Sample ID:	I.BLK-PD090232.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group3
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090232.D	1		09/10/25	pd091025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.2		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		61 - 148	102%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090232.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 18:10
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 08:21:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.544	2.876	50273155	449.5E6	17.130m	20.386
2) SA Decachlor...	9.065	8.064	85701622	547.7E6	19.857m	21.156

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090232.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 18:10
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

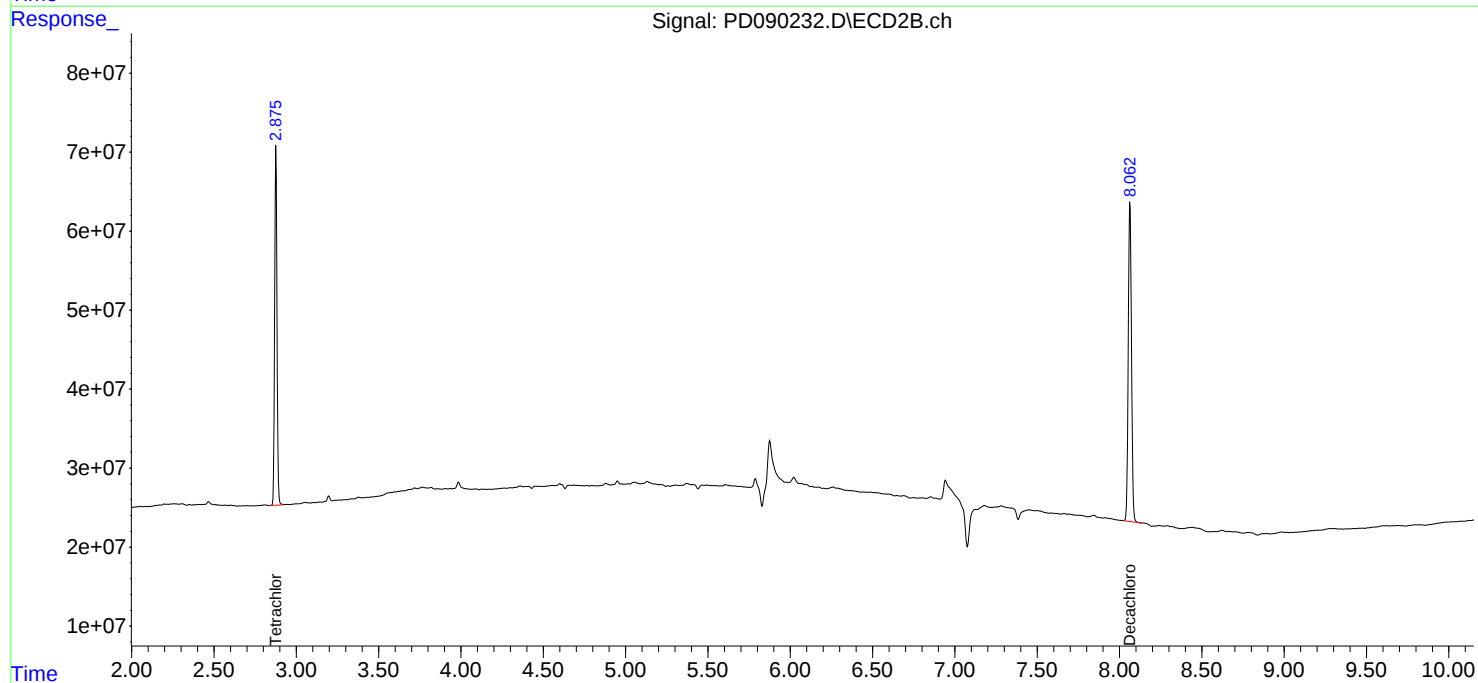
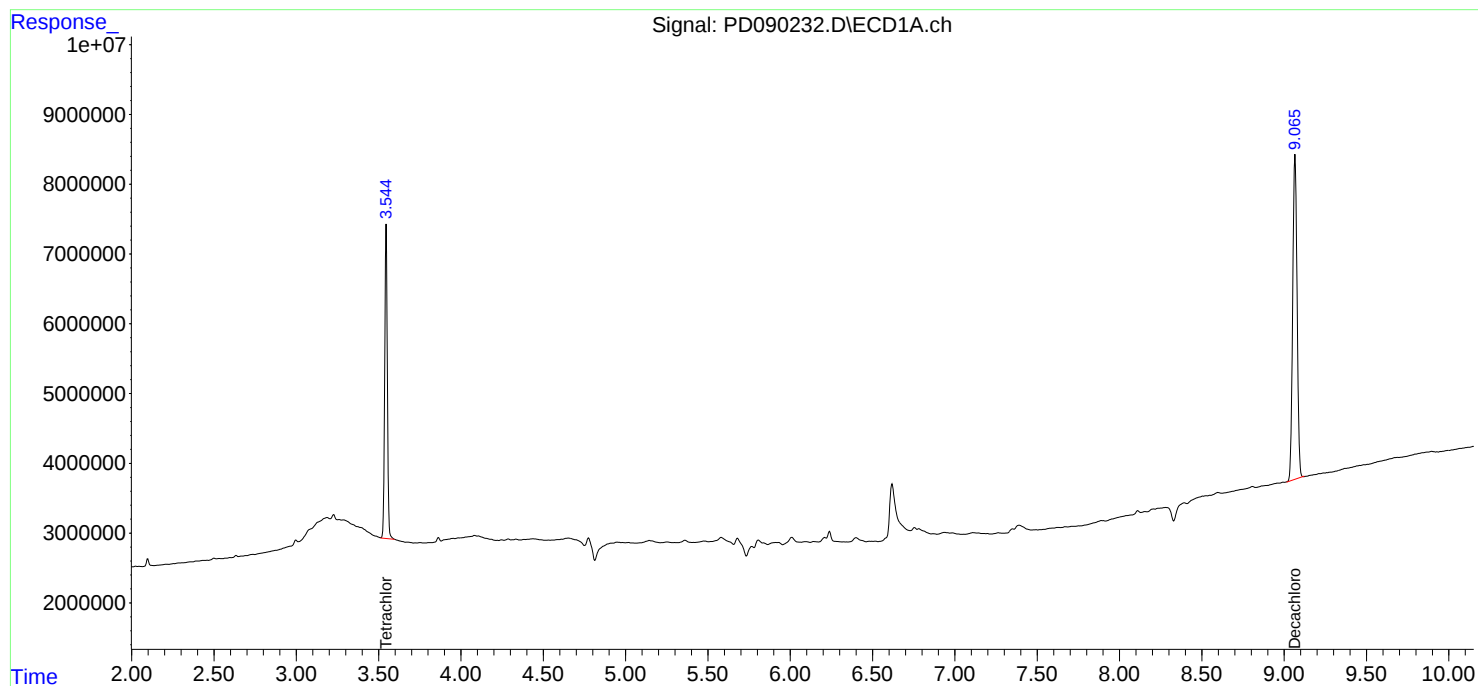
Instrument :
ECD_D
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

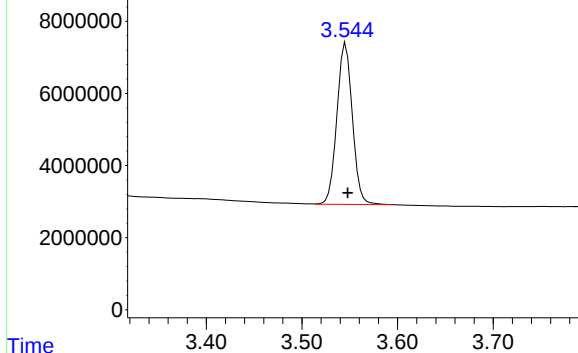
Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 08:21:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PD090232.D\ECD1A.ch



#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.004 min
Response: 50273155
Conc: 17.13 ng/ml

Instrument :

ECD_D

ClientSampleId :

I.BLK

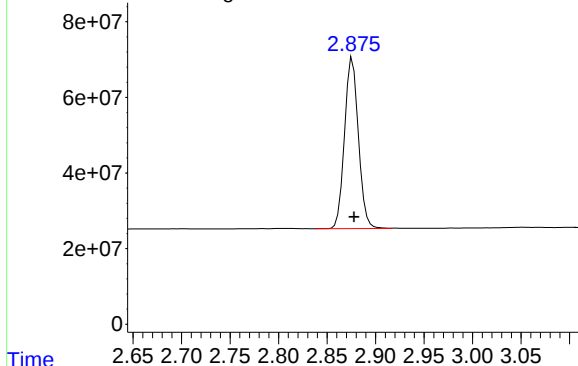
Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/11/2025

Supervised By :mohammad ahmed 10/11/2025

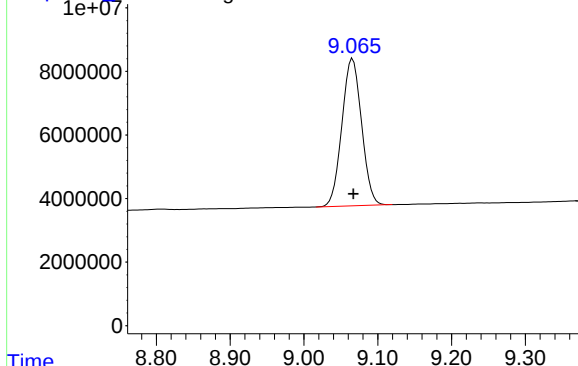
Time Response_ Signal: PD090232.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 449527562
Conc: 20.39 ng/ml

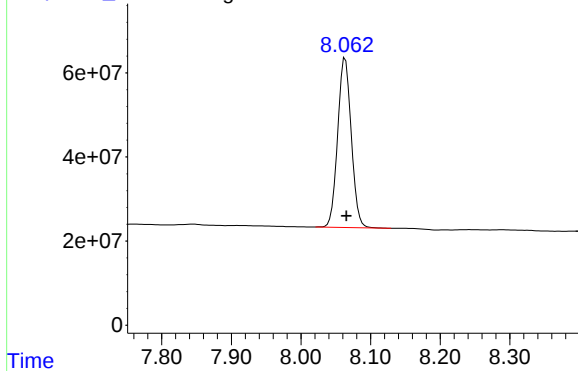
Time Response_ Signal: PD090232.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.002 min
Response: 85701622
Conc: 19.86 ng/ml m

Time Response_ Signal: PD090232.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 547653633
Conc: 21.16 ng/ml

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/11/25
Project:	NJ Waste Water PT	Date Received:	09/11/25
Client Sample ID:	PIBLK-PD090237.D	SDG No.:	Q3015
Lab Sample ID:	I.BLK-PD090237.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group3
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090237.D	1		09/11/25	pd091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.1		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.3		61 - 148	101%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 09:52
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 06:28:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.546	2.876	48729950	446.4E6	16.604m	20.245
28) SA Decachlor...	9.066	8.064	83635165	547.5E6	19.378m	21.150

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 09:52
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

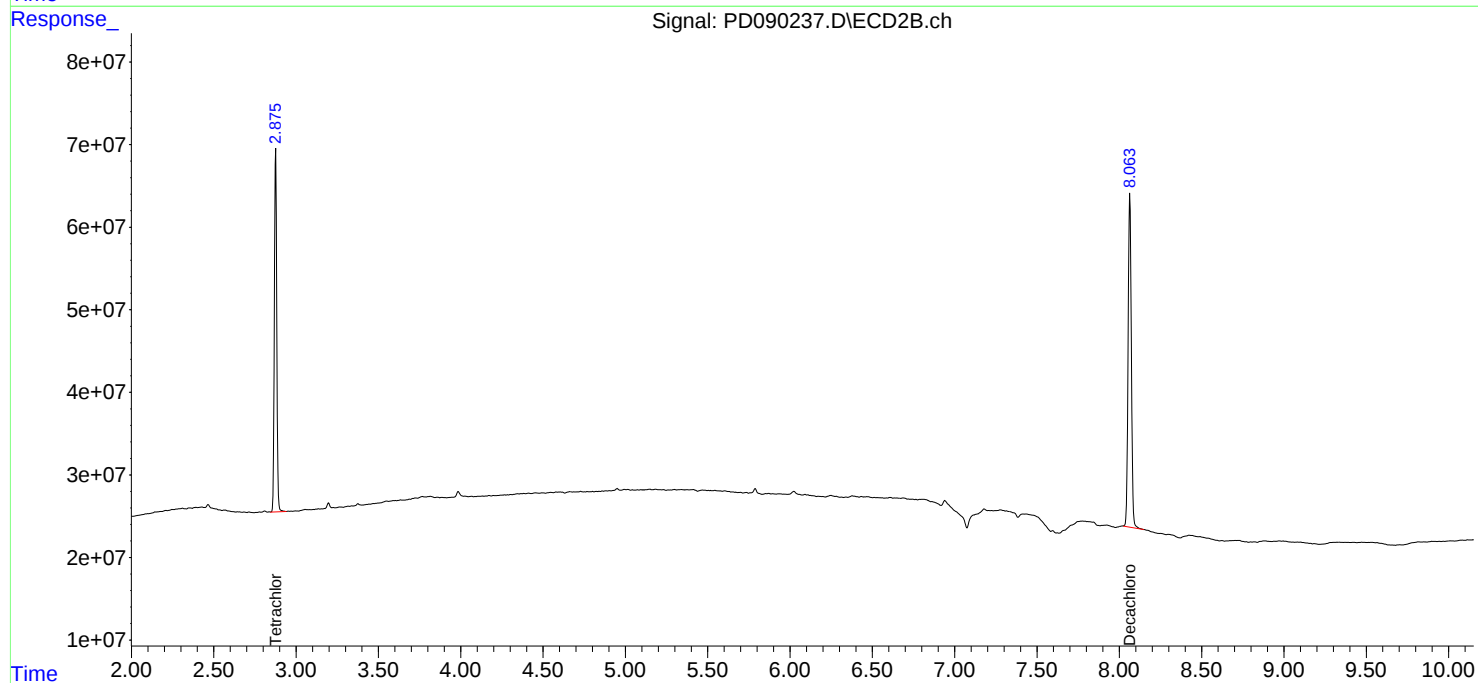
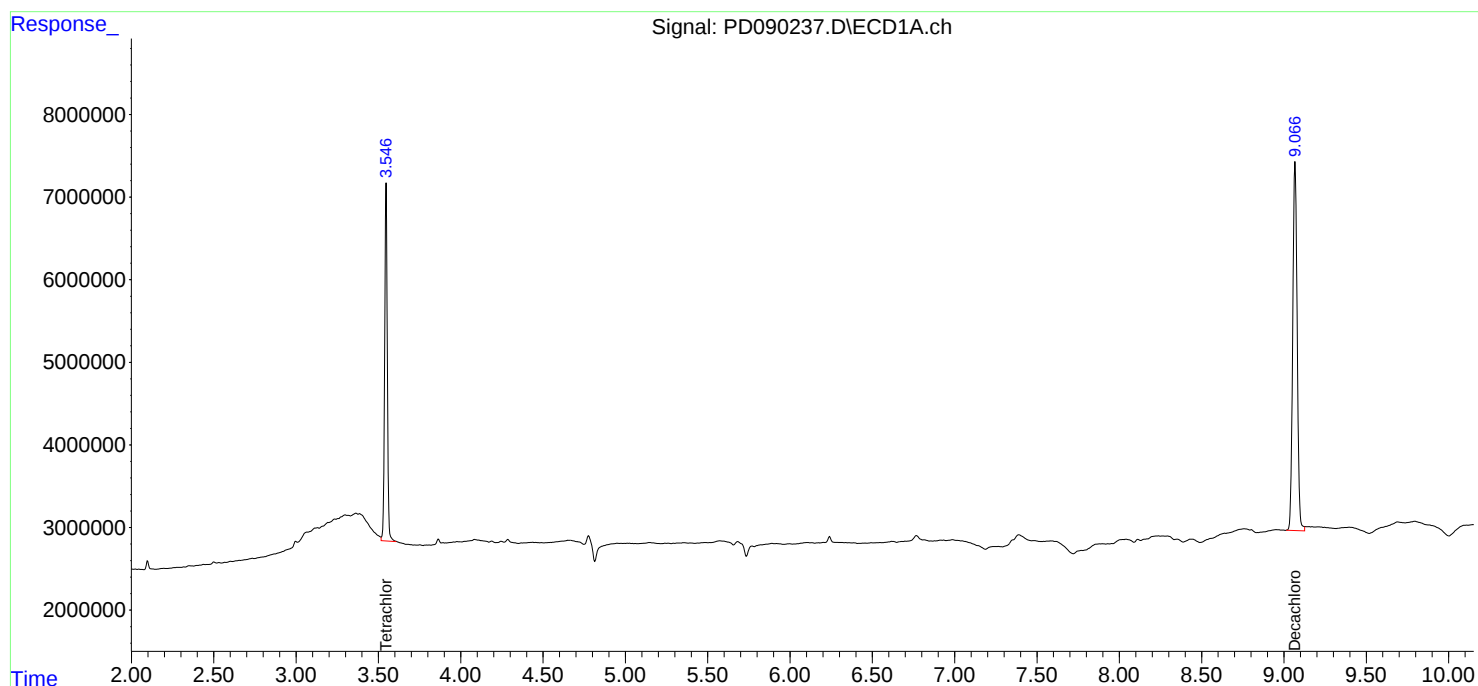
Instrument :
ECD_D
ClientSampleId :
I.BLK

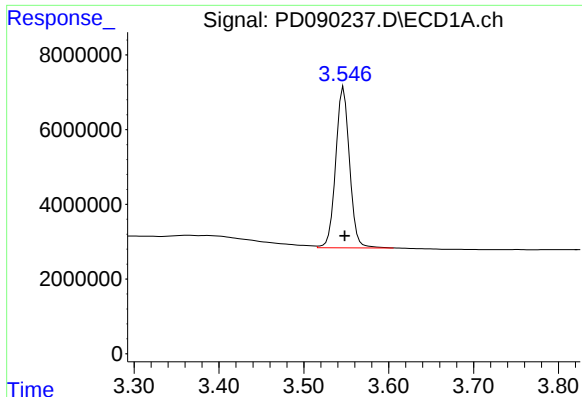
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 06:28:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





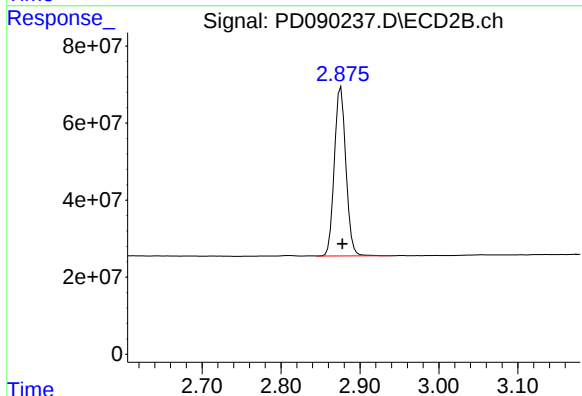
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.002 min
Response: 48729950
Conc: 16.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK

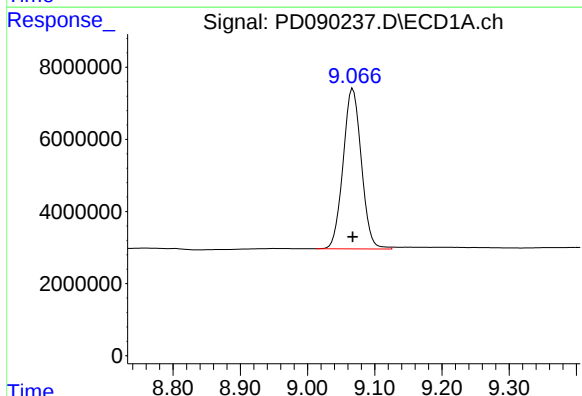
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/16/2025



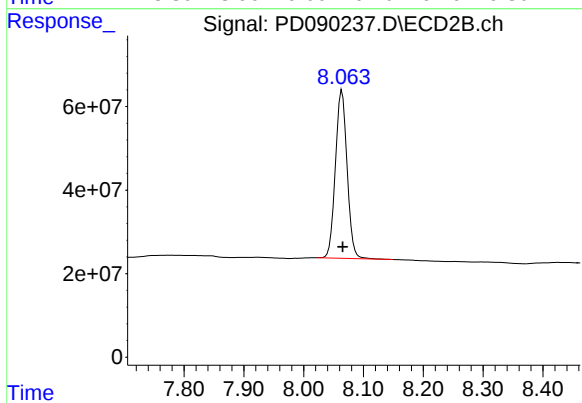
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 446421610
Conc: 20.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 83635165
Conc: 19.38 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 547476456
Conc: 21.15 ng/ml

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/11/25
Project:	NJ Waste Water PT	Date Received:	09/11/25
Client Sample ID:	PIBLK-PD090252.D	SDG No.:	Q3015
Lab Sample ID:	I.BLK-PD090252.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PESTICIDE Group3
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090252.D	1		09/11/25	pd091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.8		57 - 171	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		61 - 148	101%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 17:43
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 06:30:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.545	2.877	47287968	443.2E6	16.113m	20.101
28) SA Decachlor...	9.067	8.064	84899118	565.3E6	19.671	21.840

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 17:43
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

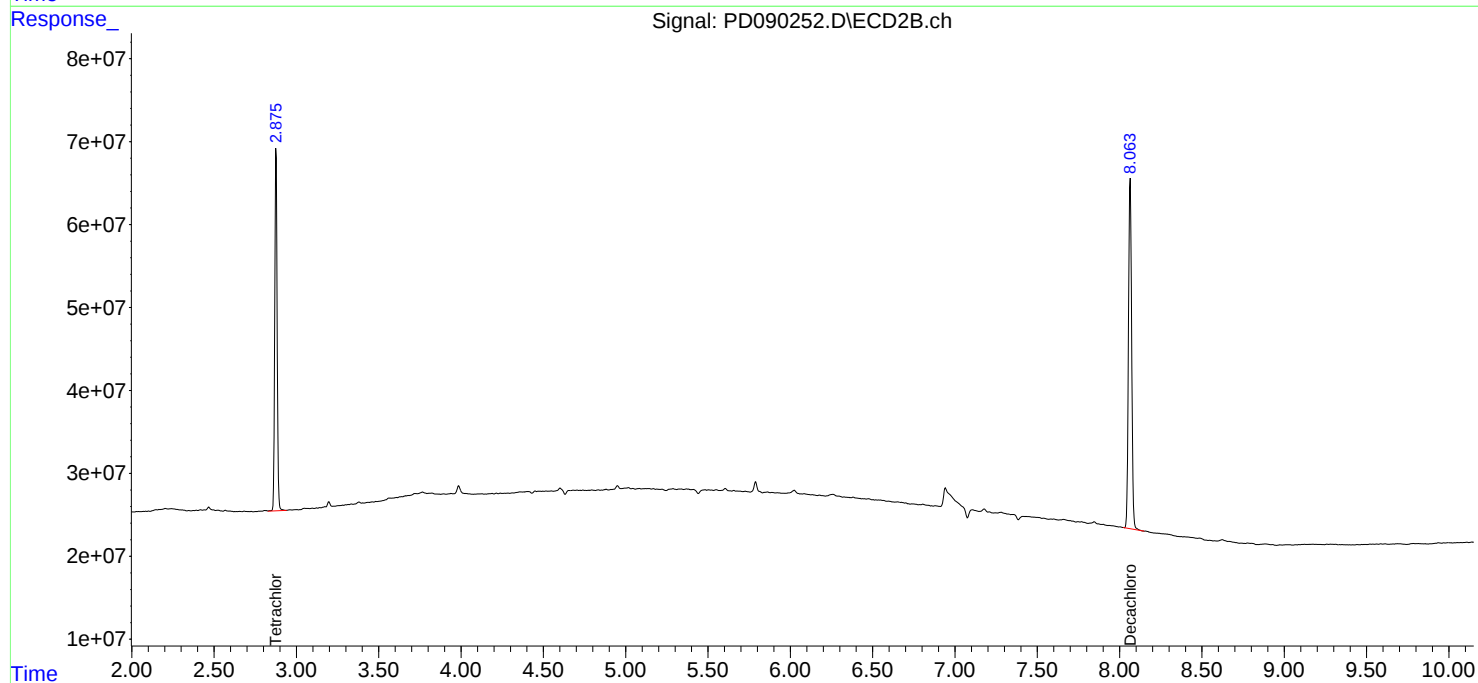
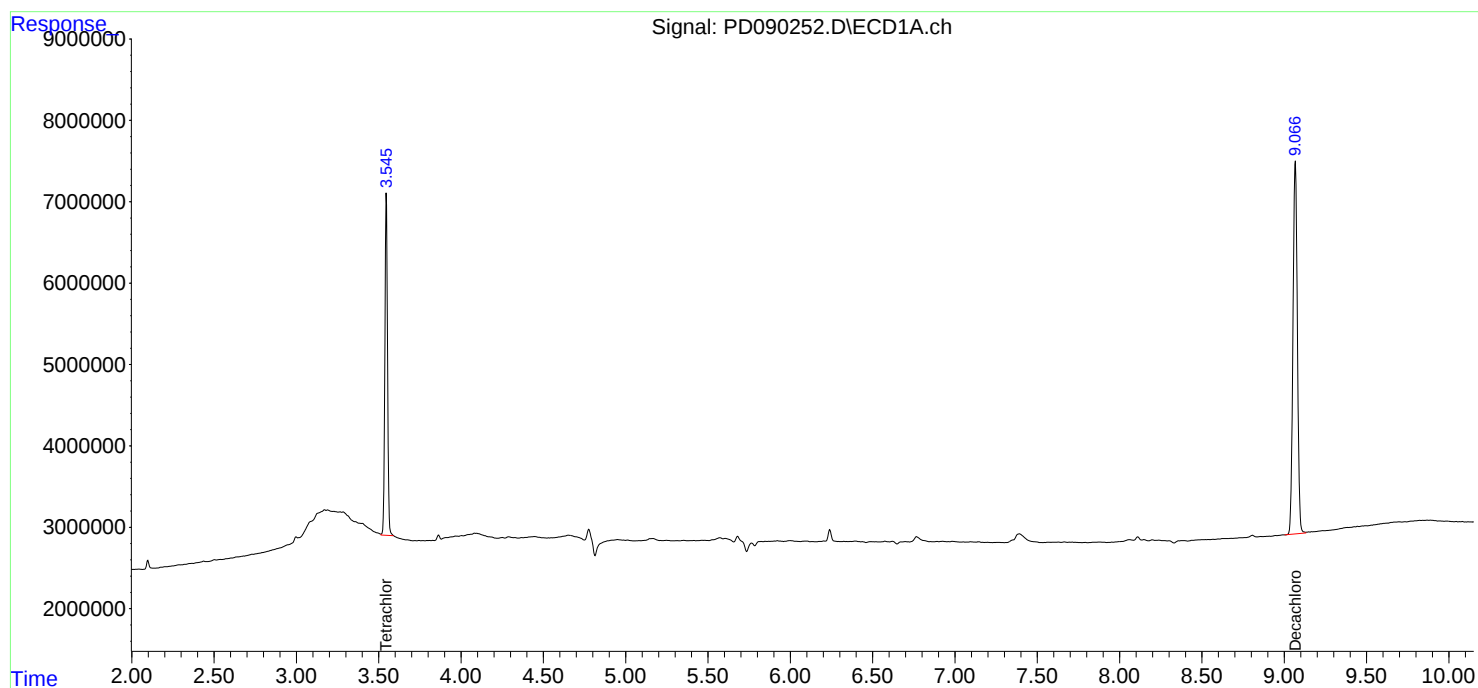
Instrument :
ECD_D
ClientSampleId :
I.BLK

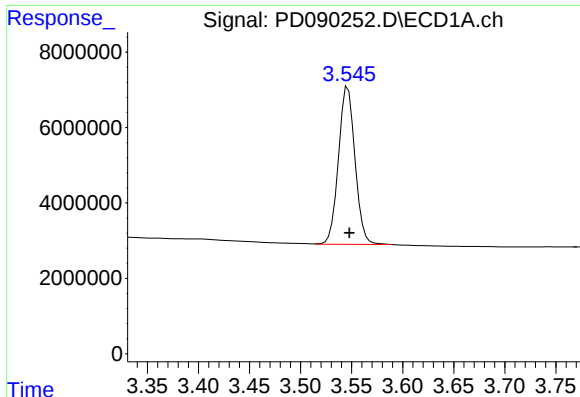
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 06:30:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





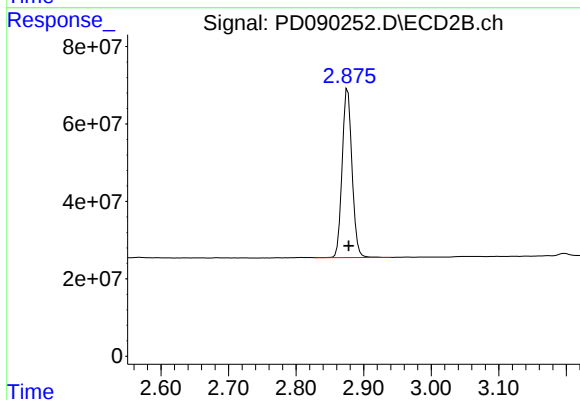
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.003 min
Response: 47287968
Conc: 16.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK

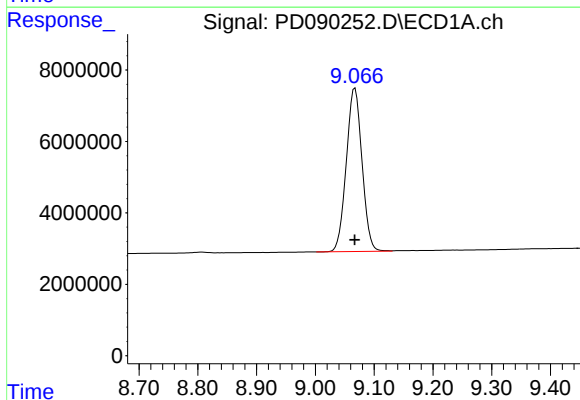
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/16/2025



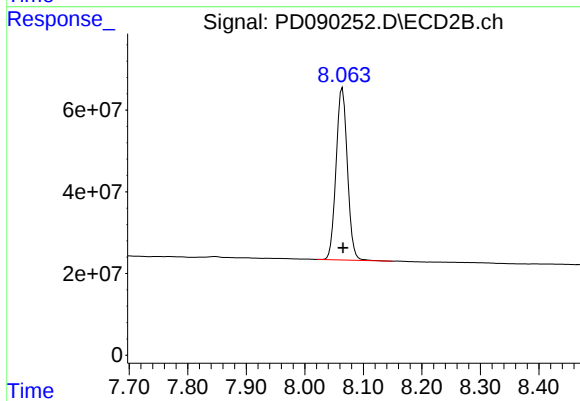
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 443235119
Conc: 20.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 84899118
Conc: 19.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 565349834
Conc: 21.84 ng/ml

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB169637BS	SDG No.:	Q3015
Lab Sample ID:	PB169637BS	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group3
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090242.D	1	09/10/25 08:48	09/11/25 13:05	PB169637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
8001-35-2	Toxaphene	2.30		0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.7		57 - 171	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		61 - 148	100%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 13:05
Operator : AR\AJ
Sample : PB169637BS
Misc : BS / TOX
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169637BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 06:26:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:29:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.551	2.876	47109872	446.3E6	15.795	19.994 #
7) SA Decachlor...	9.072	8.065	87842274	574.8E6	20.282	21.660
Target Compounds						
2) Toxaphene-1	6.243	5.470	9195732	51657199	212.361	225.572
3) Toxaphene-2	6.442	5.641	11186353	35001171	201.323	228.130
4) Toxaphene-3	7.148	6.750	20522178	165.0E6	194.639	227.363
5) Toxaphene-4	7.564	7.191	25861994	114.7E6	191.810	231.291
6) Toxaphene-5	7.930	7.323	15197165	82047132	197.619	228.577

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 13:05
Operator : AR\AJ
Sample : PB169637BS
Misc : BS / TOX
ALS Vial : 7 Sample Multiplier: 1

Instrument :

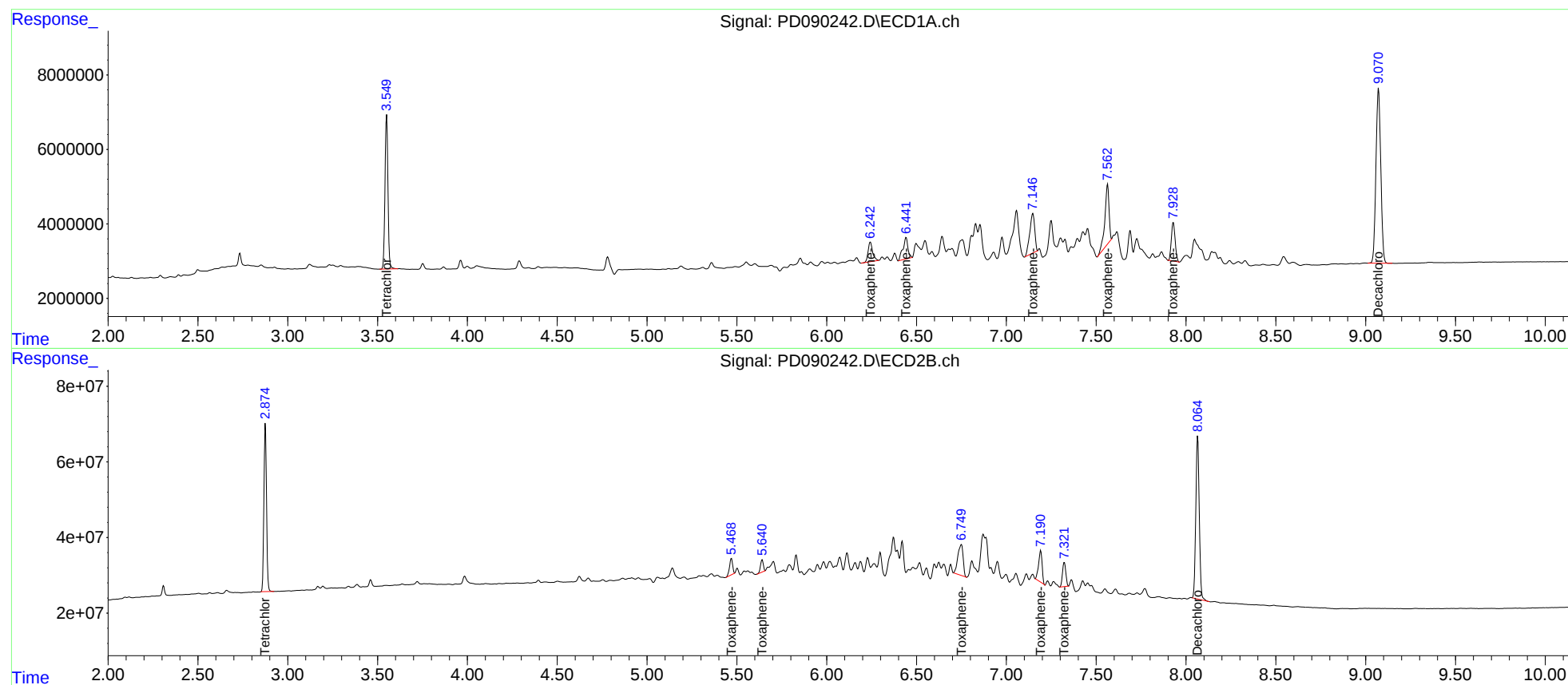
ECD_D

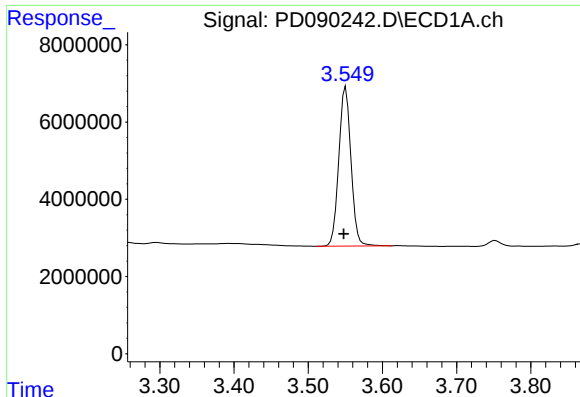
Client Sampled :

PB169637BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 06:26:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 05:29:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

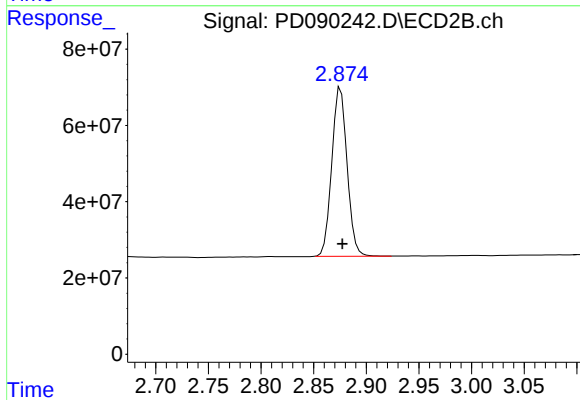




#1 Tetrachloro-m-xylene

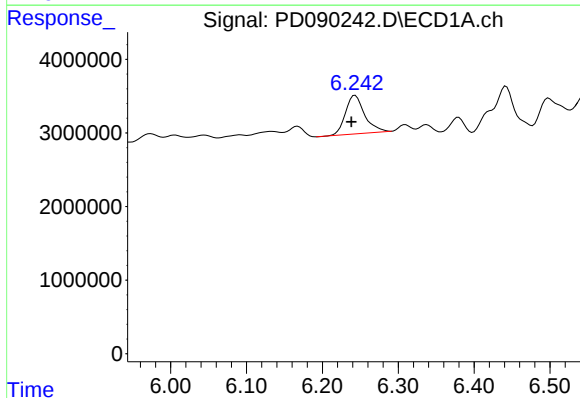
R.T.: 3.551 min
Delta R.T.: 0.003 min
Response: 47109872
Conc: 15.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169637BS



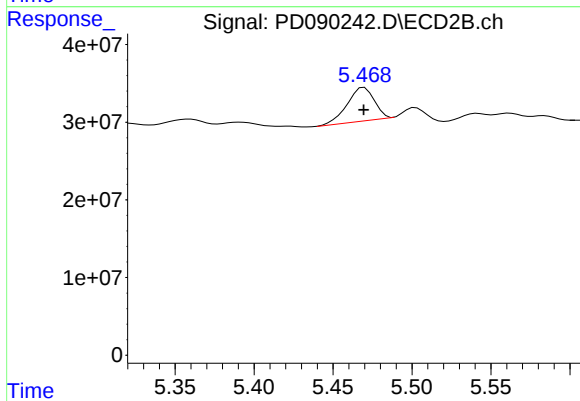
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 446348806
Conc: 19.99 ng/ml



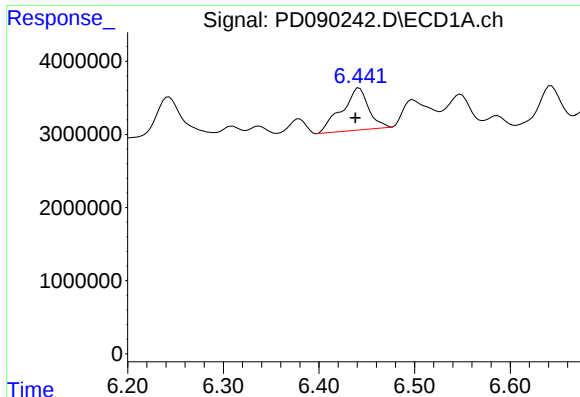
#2 Toxaphene-1

R.T.: 6.243 min
Delta R.T.: 0.005 min
Response: 9195732
Conc: 212.36 ng/ml



#2 Toxaphene-1

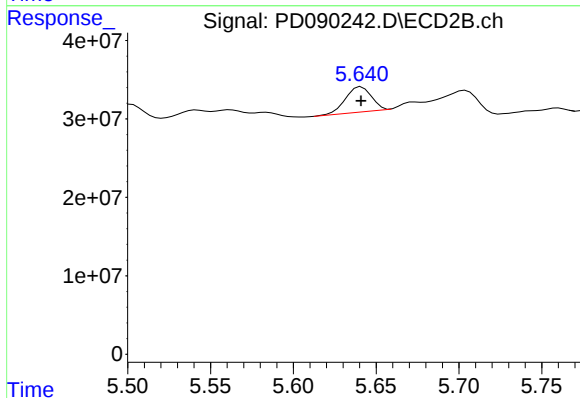
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 51657199
Conc: 225.57 ng/ml



#3 Toxaphene-2

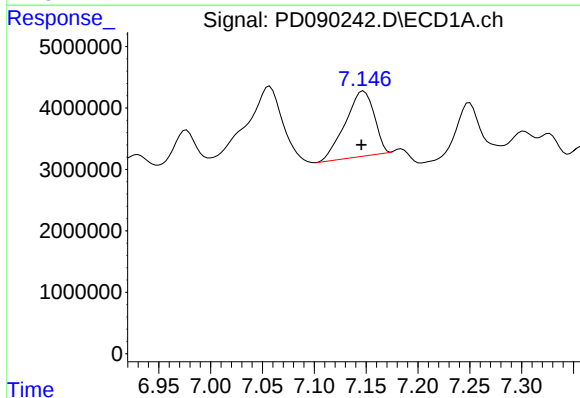
R.T.: 6.442 min
Delta R.T.: 0.004 min
Response: 11186353
Conc: 201.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169637BS



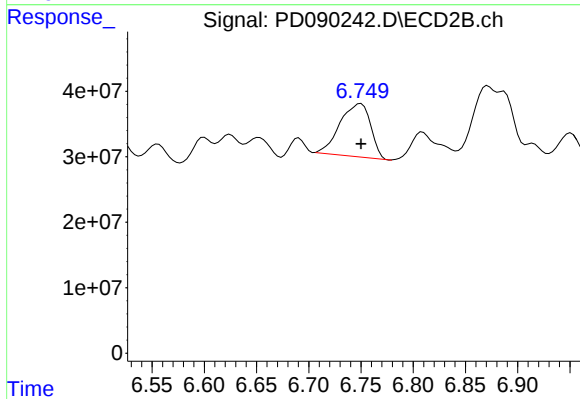
#3 Toxaphene-2

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 35001171
Conc: 228.13 ng/ml



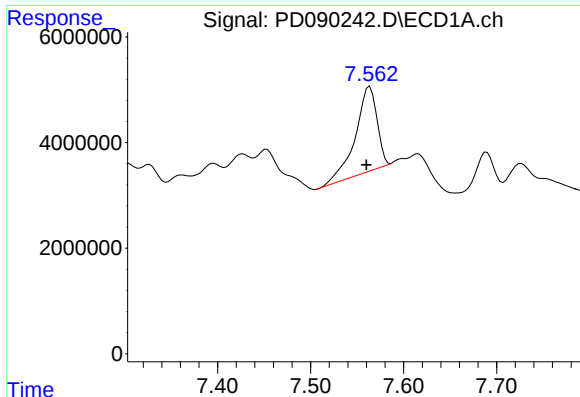
#4 Toxaphene-3

R.T.: 7.148 min
Delta R.T.: 0.002 min
Response: 20522178
Conc: 194.64 ng/ml



#4 Toxaphene-3

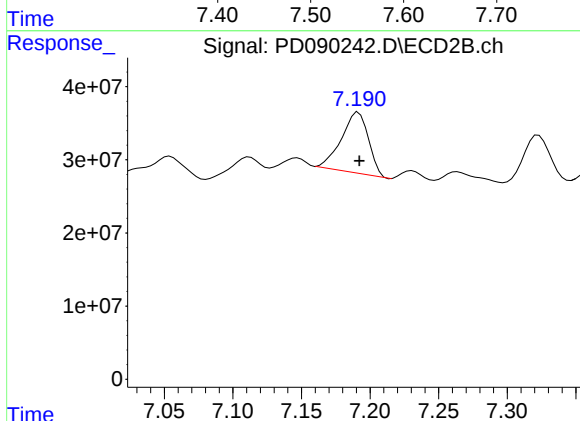
R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 164974174
Conc: 227.36 ng/ml



#5 Toxaphene-4

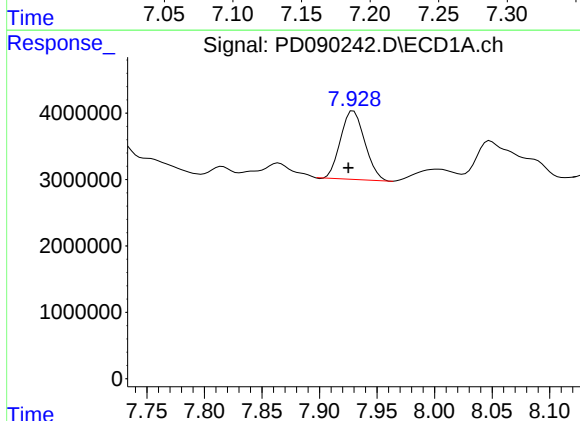
R.T.: 7.564 min
Delta R.T.: 0.003 min
Response: 25861994
Conc: 191.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169637BS



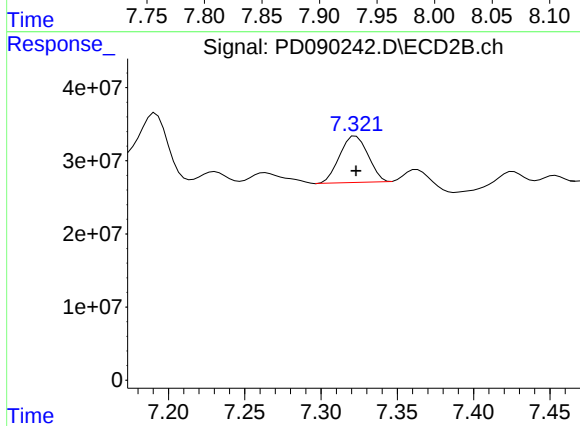
#5 Toxaphene-4

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 114706360
Conc: 231.29 ng/ml



#6 Toxaphene-5

R.T.: 7.930 min
Delta R.T.: 0.004 min
Response: 15197165
Conc: 197.62 ng/ml

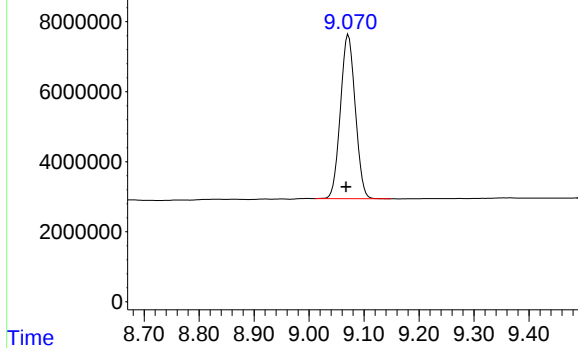


#6 Toxaphene-5

R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 82047132
Conc: 228.58 ng/ml

Signal: PD090242.D\ECD1A.ch

#7 Decachlorobiphenyl

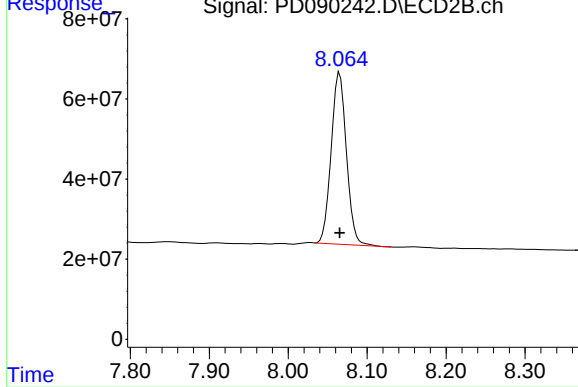


R.T.: 9.072 min
Delta R.T.: 0.004 min
Response: 87842274
Conc: 20.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169637BS

Signal: PD090242.D\ECD2B.ch

#7 Decachlorobiphenyl



R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 574848015
Conc: 21.66 ng/ml

Manual Integration Report

Sequence:

pd081825

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PD089961.D	Decachlorobiphenyl #2	Abdul	8/19/2025 9:46:41 AM	mohammad	8/20/2025 3:05:23	Peak Integrated by Software
I.BLK	PD089961.D	Tetrachloro-m-xylene #2	Abdul	8/19/2025 9:46:41 AM	mohammad	8/20/2025 3:05:23	Peak Integrated by Software

Manual Integration Report

Sequence:	pd091025	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090220.D	4,4"-DDD #2	Abdul	9/11/2025 1:09:45 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PEM	PD090220.D	4,4"-DDT	Abdul	9/11/2025 1:09:45 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PEM	PD090220.D	Endrin	Abdul	9/11/2025 1:09:45 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PEM	PD090220.D	gamma-BHC (Lindane)	Abdul	9/11/2025 1:09:45 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090221.D	4,4"-DDT	Abdul	9/11/2025 1:09:48 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090221.D	Aldrin	Abdul	9/11/2025 1:09:48 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090221.D	alpha-Chlordane	Abdul	9/11/2025 1:09:48 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090221.D	Dieldrin	Abdul	9/11/2025 1:09:48 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090221.D	Endosulfan Sulfate	Abdul	9/11/2025 1:09:48 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090221.D	Endrin	Abdul	9/11/2025 1:09:48 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090221.D	gamma-BHC (Lindane)	Abdul	9/11/2025 1:09:48 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PCHLORCCC500	PD090222.D	Chlordane-1	Abdul	9/11/2025 1:09:51 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PCHLORCCC500	PD090222.D	Chlordane-4	Abdul	9/11/2025 1:09:51 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software

Manual Integration Report

Sequence:	pd091025	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3015-13	PD090225.D	Decachlorobiphenyl #2	Abdul	9/11/2025 1:10:00 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
Q3015-13DL	PD090226.D	Toxaphene-4 #2	Abdul	9/11/2025 1:10:03 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PB169637BL	PD090229.D	Tetrachloro-m-xylene	Yogesh	10/11/2025 4:03:29 AM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
I.BLK	PD090232.D	Decachlorobiphenyl	Abdul	9/11/2025 1:10:15 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
I.BLK	PD090232.D	Tetrachloro-m-xylene	Abdul	9/11/2025 1:10:15 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090233.D	4,4"-DDT	Abdul	9/15/2025 9:11:23 AM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090233.D	Aldrin	Abdul	9/15/2025 9:11:23 AM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090233.D	alpha-Chlordane	Abdul	9/15/2025 9:11:23 AM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090233.D	Dieldrin	Abdul	9/15/2025 9:11:23 AM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090233.D	Endosulfan I	Abdul	9/15/2025 9:11:23 AM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090233.D	Endosulfan Sulfate	Abdul	9/15/2025 9:11:23 AM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090233.D	Endrin	Abdul	9/15/2025 9:11:23 AM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PSTDCCC050	PD090233.D	Endrin aldehyde	Abdul	9/15/2025 9:11:23 AM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software

Manual Integration Report

Sequence:	pd091025	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090233.D	gamma-BHC (Lindane)	Abdul	9/15/2025 9:11:23 AM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PCHLORCCC500	PD090234.D	Chlordane-1	Abdul	9/11/2025 1:09:27 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software
PCHLORCCC500	PD090234.D	Chlordane-3	Abdul	9/11/2025 1:09:27 PM	mohammad	10/11/2025 6:05:50	Peak Integrated by Software

Manual Integration Report

Sequence:	pd091125	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PD090237.D	Decachlorobiphenyl	Abdul	9/12/2025 10:08:26 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
I.BLK	PD090237.D	Tetrachloro-m-xylene	Abdul	9/12/2025 10:08:26 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PEM	PD090238.D	4,4"-DDD	Abdul	9/12/2025 10:08:29 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PEM	PD090238.D	4,4"-DDE	Abdul	9/12/2025 10:08:29 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PEM	PD090238.D	4,4"-DDE #2	Abdul	9/12/2025 10:08:29 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PEM	PD090238.D	4,4"-DDT	Abdul	9/12/2025 10:08:29 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PEM	PD090238.D	Endrin	Abdul	9/12/2025 10:08:29 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PEM	PD090238.D	Endrin aldehyde	Abdul	9/12/2025 10:08:29 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PEM	PD090238.D	Endrin ketone #2	Abdul	9/12/2025 10:08:29 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PEM	PD090238.D	gamma-BHC (Lindane)	Abdul	9/12/2025 10:08:29 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PEM	PD090238.D	Tetrachloro-m-xylene	Abdul	9/12/2025 10:08:29 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090239.D	4,4"-DDT	Abdul	9/12/2025 10:08:32 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090239.D	Aldrin	Abdul	9/12/2025 10:08:32 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software

Manual Integration Report

Sequence:	pd091125	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090239.D	alpha-Chlordane	Abdul	9/12/2025 10:08:32 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090239.D	Decachlorobiphenyl	Abdul	9/12/2025 10:08:32 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090239.D	Dieldrin	Abdul	9/12/2025 10:08:32 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090239.D	Endosulfan Sulfate	Abdul	9/12/2025 10:08:32 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090239.D	Endrin	Abdul	9/12/2025 10:08:32 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090239.D	gamma-BHC (Lindane)	Abdul	9/12/2025 10:08:32 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090239.D	gamma-Chlordane #2	Abdul	9/12/2025 10:08:32 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PCHLORCCC500	PD090240.D	Chlordane-1	Abdul	9/12/2025 10:08:36 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
I.BLK	PD090252.D	Tetrachloro-m-xylene	Abdul	9/12/2025 10:09:00 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090253.D	4,4"-DDT	Abdul	9/12/2025 10:09:08 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090253.D	Aldrin	Abdul	9/12/2025 10:09:08 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090253.D	alpha-Chlordane	Abdul	9/12/2025 10:09:08 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090253.D	Dieldrin	Abdul	9/12/2025 10:09:08 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software

Manual Integration Report

Sequence:	pd091125	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090253.D	Endosulfan Sulfate	Abdul	9/12/2025 10:09:08 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090253.D	Endrin	Abdul	9/12/2025 10:09:08 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PSTDCCC050	PD090253.D	gamma-BHC (Lindane)	Abdul	9/12/2025 10:09:08 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PCHLORCCC500	PD090254.D	Chlordane-1	Abdul	9/12/2025 10:09:04 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PCHLORCCC500	PD090254.D	Chlordane-3	Abdul	9/12/2025 10:09:04 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PCHLORCCC500	PD090254.D	Chlordane-4	Abdul	9/12/2025 10:09:04 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software
PCHLORCCC500	PD090254.D	Tetrachloro-m-xylene	Abdul	9/12/2025 10:09:04 AM	mohammad	9/16/2025 4:00:50	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD081825

Review By	Abdul	Review On	8/19/2025 9:47:27 AM
Supervise By	mohammad	Supervise On	8/20/2025 3:05:23 AM
SubDirectory	PD081825	HP Acquire Method	HP Processing Method pd081825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD089960.D	18 Aug 2025 10:30	AR\AJ	Ok
2	I.BLK	PD089961.D	18 Aug 2025 10:44	AR\AJ	Ok,M
3	PEM	PD089962.D	18 Aug 2025 10:57	AR\AJ	Ok
4	RESCHK	PD089963.D	18 Aug 2025 11:11	AR\AJ	Ok
5	PSTDICC100	PD089964.D	18 Aug 2025 11:25	AR\AJ	Ok,M
6	PSTDICC075	PD089965.D	18 Aug 2025 11:39	AR\AJ	Ok,M
7	PSTDICC050	PD089966.D	18 Aug 2025 11:53	AR\AJ	Ok
8	PSTDICC025	PD089967.D	18 Aug 2025 12:06	AR\AJ	Ok
9	PSTDICC005	PD089968.D	18 Aug 2025 12:20	AR\AJ	Ok,M
10	PCHLORICC1000	PD089969.D	18 Aug 2025 13:50	AR\AJ	Not Ok
11	PCHLORICC750	PD089970.D	18 Aug 2025 14:06	AR\AJ	Not Ok
12	PCHLORICC500	PD089971.D	18 Aug 2025 14:19	AR\AJ	Not Ok
13	PCHLORICC250	PD089972.D	18 Aug 2025 14:33	AR\AJ	Not Ok
14	PCHLORICC050	PD089973.D	18 Aug 2025 14:47	AR\AJ	Not Ok
15	PTOXICC1000	PD089974.D	18 Aug 2025 15:00	AR\AJ	Ok
16	PTOXICC750	PD089975.D	18 Aug 2025 15:17	AR\AJ	Ok
17	PTOXICC500	PD089976.D	18 Aug 2025 15:31	AR\AJ	Ok
18	PTOXICC250	PD089977.D	18 Aug 2025 15:44	AR\AJ	Ok
19	PTOXICC100	PD089978.D	18 Aug 2025 15:58	AR\AJ	Ok
20	PSTDICV050	PD089979.D	18 Aug 2025 16:12	AR\AJ	Ok
21	PCHLORICV500	PD089980.D	18 Aug 2025 16:25	AR\AJ	Not Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD081825

Review By	Abdul	Review On	8/19/2025 9:47:27 AM
Supervise By	mohammad	Supervise On	8/20/2025 3:05:23 AM
SubDirectory	PD081825	HP Acquire Method	HP Processing Method pd081825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PTOXICV500	PD089981.D	18 Aug 2025 16:39	AR\AJ	Ok
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M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD091025

Review By	Abdul	Review On	9/11/2025 1:10:37 PM
Supervise By	mohammad	Supervise On	10/11/2025 6:05:50 AM
SubDirectory	PD091025	HP Acquire Method	HP Processing Method pd081825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090218.D	10 Sep 2025 13:41	AR\AJ	Ok
2	I.BLK	PD090219.D	10 Sep 2025 13:55	AR\AJ	Ok
3	PEM	PD090220.D	10 Sep 2025 14:08	AR\AJ	Ok,M
4	PSTDCCC050	PD090221.D	10 Sep 2025 14:22	AR\AJ	Ok,M
5	PCHLORCCC500	PD090222.D	10 Sep 2025 15:41	AR\AJ	Ok,M
6	PTOXCCC500	PD090223.D	10 Sep 2025 15:55	AR\AJ	Ok
7	Q3015-11	PD090224.D	10 Sep 2025 16:15	AR\AJ	Ok,M
8	Q3015-13	PD090225.D	10 Sep 2025 16:28	AR\AJ	Dilution
9	Q3015-13DL	PD090226.D	10 Sep 2025 16:48	AR\AJ	Ok,M
10	PB169636BL	PD090227.D	10 Sep 2025 17:02	AR\AJ	Ok
11	PB169636BS	PD090228.D	10 Sep 2025 17:16	AR\AJ	Not Ok
12	PB169637BL	PD090229.D	10 Sep 2025 17:29	AR\AJ	Ok,M
13	PB169637BS	PD090230.D	10 Sep 2025 17:43	AR\AJ	Not Ok
14	PB169636BS	PD090231.D	10 Sep 2025 17:57	AR\AJ	Ok,M
15	I.BLK	PD090232.D	10 Sep 2025 18:10	AR\AJ	Ok,M
16	PSTDCCC050	PD090233.D	10 Sep 2025 18:24	AR\AJ	Ok,M
17	PCHLORCCC500	PD090234.D	10 Sep 2025 18:38	AR\AJ	Ok,M
18	PTOXCCC500	PD090235.D	10 Sep 2025 18:51	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD091125

Review By	Abdul	Review On	9/12/2025 10:09:33 AM
Supervise By	mohammad	Supervise On	9/16/2025 4:00:50 AM
SubDirectory	PD091125	HP Acquire Method	HP Processing Method PD081825
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090236.D	11 Sep 2025 09:39	AR\AJ	Ok
2	I.BLK	PD090237.D	11 Sep 2025 09:52	AR\AJ	Ok,M
3	PEM	PD090238.D	11 Sep 2025 10:06	AR\AJ	Ok,M
4	PSTDCCC050	PD090239.D	11 Sep 2025 10:19	AR\AJ	Ok,M
5	PCHLORCCC500	PD090240.D	11 Sep 2025 11:04	AR\AJ	Ok,M
6	PTOXCCC500	PD090241.D	11 Sep 2025 11:17	AR\AJ	Ok
7	PB169637BS	PD090242.D	11 Sep 2025 13:05	AR\AJ	Ok
8	PB169549BL	PD090243.D	11 Sep 2025 14:34	AR\AJ	Ok,M
9	Q2893-01	PD090244.D	11 Sep 2025 15:07	AR\AJ	Ok,M
10	Q2893-07	PD090245.D	11 Sep 2025 15:21	AR\AJ	Ok,M
11	Q2893-02	PD090246.D	11 Sep 2025 15:35	AR\AJ	Not Ok
12	Q2893-08	PD090247.D	11 Sep 2025 16:29	AR\AJ	Ok,M
13	Q2893-01	PD090248.D	11 Sep 2025 16:43	AR\AJ	Ok
14	Q2893-07	PD090249.D	11 Sep 2025 17:00	AR\AJ	Not Ok
15	Q2893-02	PD090250.D	11 Sep 2025 17:14	AR\AJ	Ok
16	Q2893-08	PD090251.D	11 Sep 2025 17:30	AR\AJ	Ok
17	I.BLK	PD090252.D	11 Sep 2025 17:43	AR\AJ	Ok,M
18	PSTDCCC050	PD090253.D	11 Sep 2025 18:39	AR\AJ	Ok,M
19	PCHLORCCC500	PD090254.D	11 Sep 2025 18:11	AR\AJ	Ok,M
20	PTOXCCC500	PD090255.D	11 Sep 2025 18:25	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD081825

Review By	Abdul	Review On	8/19/2025 9:47:27 AM
Supervise By	mohammad	Supervise On	8/20/2025 3:05:23 AM
SubDirectory	PD081825	HP Acquire Method	HP Processing Method pd081825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD089960.D	18 Aug 2025 10:30		AR\AJ	Ok
2	I.BLK	I.BLK	PD089961.D	18 Aug 2025 10:44		AR\AJ	Ok,M
3	PEM	PEM	PD089962.D	18 Aug 2025 10:57		AR\AJ	Ok
4	RESCHK	RESCHK	PD089963.D	18 Aug 2025 11:11		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PD089964.D	18 Aug 2025 11:25		AR\AJ	Ok,M
6	PSTDICC075	PSTDICC075	PD089965.D	18 Aug 2025 11:39		AR\AJ	Ok,M
7	PSTDICC050	PSTDICC050	PD089966.D	18 Aug 2025 11:53		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD089967.D	18 Aug 2025 12:06		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD089968.D	18 Aug 2025 12:20		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD089969.D	18 Aug 2025 13:50	DCB high	AR\AJ	Not Ok
11	PCHLORICC750	PCHLORICC750	PD089970.D	18 Aug 2025 14:06	DCB high	AR\AJ	Not Ok
12	PCHLORICC500	PCHLORICC500	PD089971.D	18 Aug 2025 14:19	Not used	AR\AJ	Not Ok
13	PCHLORICC250	PCHLORICC250	PD089972.D	18 Aug 2025 14:33	DCB high	AR\AJ	Not Ok
14	PCHLORICC050	PCHLORICC050	PD089973.D	18 Aug 2025 14:47	DCB high	AR\AJ	Not Ok
15	PTOXICC1000	PTOXICC1000	PD089974.D	18 Aug 2025 15:00		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD089975.D	18 Aug 2025 15:17		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD089976.D	18 Aug 2025 15:31		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD089977.D	18 Aug 2025 15:44		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD081825

Review By	Abdul	Review On	8/19/2025 9:47:27 AM
Supervise By	mohammad	Supervise On	8/20/2025 3:05:23 AM
SubDirectory	PD081825	HP Acquire Method	HP Processing Method
			pd081825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PTOXICC100	PTOXICC100	PD089978.D	18 Aug 2025 15:58		AR\AJ	Ok
20	PSTDICV050	ICVPD081825	PD089979.D	18 Aug 2025 16:12		AR\AJ	Ok
21	PCHLORICV500	ICVPD081825CHLOR	PD089980.D	18 Aug 2025 16:25	Not used	AR\AJ	Not Ok
22	PTOXICV500	ICVPD081825TOX	PD089981.D	18 Aug 2025 16:39		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD091025

Review By	Abdul	Review On	9/11/2025 1:10:37 PM
Supervise By	mohammad	Supervise On	10/11/2025 6:05:50 AM
SubDirectory	PD091025	HP Acquire Method	HP Processing Method pd081825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090218.D	10 Sep 2025 13:41		AR\AJ	Ok
2	I.BLK	I.BLK	PD090219.D	10 Sep 2025 13:55		AR\AJ	Ok
3	PEM	PEM	PD090220.D	10 Sep 2025 14:08		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD090221.D	10 Sep 2025 14:22		AR\AJ	Ok,M
5	PCHLORCCC500	PCHLORCCC500	PD090222.D	10 Sep 2025 15:41		AR\AJ	Ok,M
6	PTOXCCC500	PTOXCCC500	PD090223.D	10 Sep 2025 15:55		AR\AJ	Ok
7	Q3015-11	WP0925-PT-CHLR-WP	PD090224.D	10 Sep 2025 16:15		AR\AJ	Ok,M
8	Q3015-13	WP0925-PT-TXP-WP	PD090225.D	10 Sep 2025 16:28	need dilution	AR\AJ	Dilution
9	Q3015-13DL	WP0925-PT-TXP-WPD	PD090226.D	10 Sep 2025 16:48		AR\AJ	Ok,M
10	PB169636BL	PB169636BL	PD090227.D	10 Sep 2025 17:02		AR\AJ	Ok
11	PB169636BS	PB169636BS	PD090228.D	10 Sep 2025 17:16	CHLOR BS	AR\AJ	Not Ok
12	PB169637BL	PB169637BL	PD090229.D	10 Sep 2025 17:29		AR\AJ	Ok,M
13	PB169637BS	PB169637BS	PD090230.D	10 Sep 2025 17:43	TOX BS ,F Flag in 1st column	AR\AJ	Not Ok
14	PB169636BS	PB169636BS	PD090231.D	10 Sep 2025 17:57	CHLOR BS	AR\AJ	Ok,M
15	I.BLK	I.BLK	PD090232.D	10 Sep 2025 18:10		AR\AJ	Ok,M
16	PSTDCCC050	PSTDCCC050	PD090233.D	10 Sep 2025 18:24		AR\AJ	Ok,M
17	PCHLORCCC500	PCHLORCCC500	PD090234.D	10 Sep 2025 18:38		AR\AJ	Ok,M
18	PTOXCCC500	PTOXCCC500	PD090235.D	10 Sep 2025 18:51		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD091025

Review By	Abdul	Review On	9/11/2025 1:10:37 PM	
Supervise By	mohammad	Supervise On	10/11/2025 6:05:50 AM	
SubDirectory	PD091025	HP Acquire Method	HP Processing Method	pd081825 8081
STD. NAME	STD REF.#			
Tune/Reschk	PP24890,PP24651			
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P P24763,PP24764			
CCC	PP24751,PP24756,PP24761			
Internal Standard/PEM				
ICV/I.BLK	PP24754,PP24759,PP24761			
Surrogate Standard				
MS/MSD Standard				
LCS Standard				

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD091125

Review By	Abdul	Review On	9/12/2025 10:09:33 AM
Supervise By	mohammad	Supervise On	9/16/2025 4:00:50 AM
SubDirectory	PD091125	HP Acquire Method	HP Processing Method PD081825
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090236.D	11 Sep 2025 09:39		AR\AJ	Ok
2	I.BLK	I.BLK	PD090237.D	11 Sep 2025 09:52		AR\AJ	Ok,M
3	PEM	PEM	PD090238.D	11 Sep 2025 10:06		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD090239.D	11 Sep 2025 10:19		AR\AJ	Ok,M
5	PCHLORCCC500	PCHLORCCC500	PD090240.D	11 Sep 2025 11:04		AR\AJ	Ok,M
6	PTOXCCC500	PTOXCCC500	PD090241.D	11 Sep 2025 11:17		AR\AJ	Ok
7	PB169637BS	PB169637BS	PD090242.D	11 Sep 2025 13:05	TOX BS	AR\AJ	Ok
8	PB169549BL	PB169549BL	PD090243.D	11 Sep 2025 14:34		AR\AJ	Ok,M
9	Q2893-01	LOD-MDL-SOIL-01-QT	PD090244.D	11 Sep 2025 15:07	LOD CHLOR 25PPB	AR\AJ	Ok,M
10	Q2893-07	LOD-MDL-WATER-01-Q	PD090245.D	11 Sep 2025 15:21	LOD CHLOR 25PPB	AR\AJ	Ok,M
11	Q2893-02	LOQ-SOIL-02-QT3-202	PD090246.D	11 Sep 2025 15:35	LOQ CHLOR 50PPB , F Flag in 1st column	AR\AJ	Not Ok
12	Q2893-08	LOQ-WATER-02-QT3-2	PD090247.D	11 Sep 2025 16:29	LOQ CHLOR 50PPB	AR\AJ	Ok,M
13	Q2893-01	LOD-MDL-SOIL-01-QT	PD090248.D	11 Sep 2025 16:43	LOD TOX 50PPB	AR\AJ	Ok
14	Q2893-07	LOD-MDL-WATER-01-Q	PD090249.D	11 Sep 2025 17:00	LOD TOX 50PPB , Tox-1 high in 1st column	AR\AJ	Not Ok
15	Q2893-02	LOQ-SOIL-02-QT3-202	PD090250.D	11 Sep 2025 17:14	LOQ TOX 100PPB	AR\AJ	Ok
16	Q2893-08	LOQ-WATER-02-QT3-2	PD090251.D	11 Sep 2025 17:30	LOQ TOX 100PPB	AR\AJ	Ok
17	I.BLK	I.BLK	PD090252.D	11 Sep 2025 17:43		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD091125

Review By	Abdul	Review On	9/12/2025 10:09:33 AM
Supervise By	mohammad	Supervise On	9/16/2025 4:00:50 AM
SubDirectory	PD091125	HP Acquire Method	HP Processing Method PD081825

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PSTDCCC050	PSTDCCC050	PD090253.D	11 Sep 2025 18:39		AR\AJ	Ok,M
19	PCHLORCCC500	PCHLORCCC500	PD090254.D	11 Sep 2025 18:11		AR\AJ	Ok,M
20	PTOXCCC500	PTOXCCC500	PD090255.D	11 Sep 2025 18:25		AR\AJ	Ok

M : Manual Integration

SOP ID: M3510C,3580A-Extraction Pesticide-17
Clean Up SOP #: Florisil
Matrix : Water
Weigh By: N/A
Balance check: N/A
Balance ID: N/A
pH Strlp Lot#: E3953
Extraction Method: ☒ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Extraction By: RJ
Filter By: RJ
pH Meter ID: N/A
Hood ID: 4,5,6,7

Extraction Start Date : 09/10/2025
Extraction Start Time : 08:48
Extraction End Date : 09/10/2025
Extraction End Time : 13:30
Concentration By: EH
Supervisor By : ritesh

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Surrogate	1.0ML	200 PPB	PP24663
Spike Sol 1	2.0ML	1000 PPB	PP24926
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
Methylene Chloride	N/A	E3964
Baked Na2SO4	N/A	EP2636
Hexane	N/A	E3968
Florisil	N/A	E3927
9:1 Hexane:Acetone Mixture	N/A	EP2596
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot#03-40BTS721.

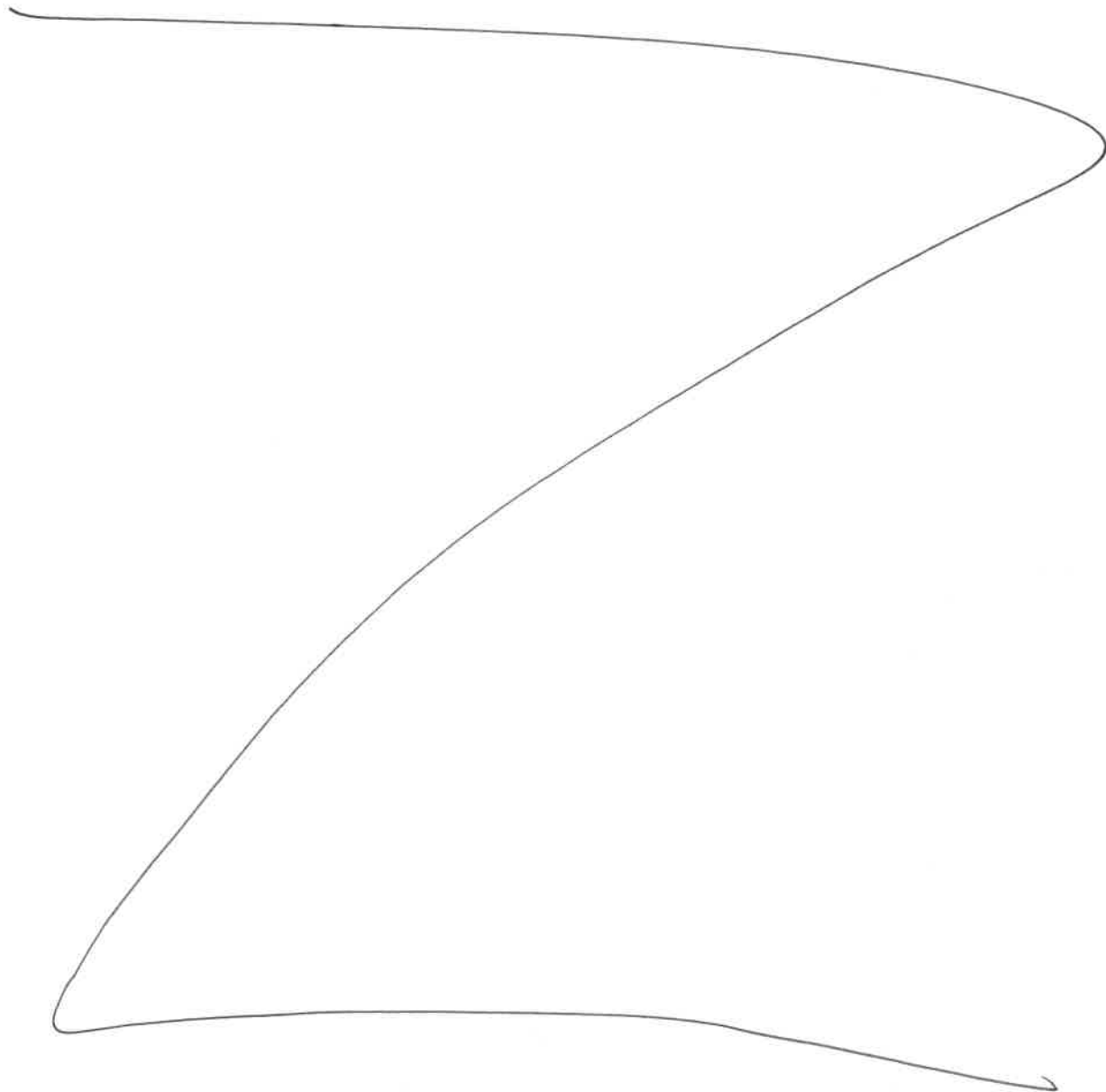
KD Bath ID: WATER BATH-1,2
KD Bath Temperature: 60 °C
Envap ID: NEVAP-02
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/10/25 13:35	RJ (Left-1006) Preparation Group	Y.P. Pest/PCB Analysis Group

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 09/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169637BL	PBLK637	PESTICIDE Group3	1000	N/A	ritesh	Evelyn	10			SEP-5
PB169637BS	PLCS637	PESTICIDE Group3	1000	N/A	ritesh	Evelyn	10			6
Q3015-13	WP0925-PT-TXP-WP	PESTICIDE Group3	1000	N/A	ritesh	Evelyn	10			7



RJ
9/10

* Extracts relinquished on the same date as received.

169634
8:48 for

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3015T WorkList ID : 191781 Department : Extraction Date : 09-10-2025 08:42:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3015-13	WP0925-PT-TXP-WP	Water	PESTICIDE Group3	Cool 4 deg C	ALLI03	QA Of	09/02/2025	8081B

Date/Time 09/10/25 8:42
Raw Sample Received by: RS (LXL-Velb)
Raw Sample Relinquished by: _____

Date/Time 09/10/25 9:10
Raw Sample Received by: _____
Raw Sample Relinquished by: RS (LXL-Velb)

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Prep Standard - Chemical Standard Summary

Order ID : Q3015
Test : PESTICIDE Group3
Prepbatch ID : PB169637,
Sequence ID/Qc Batch ID: pd091025,pd091125,

Standard ID :
 EP2596,EP2636,PP24651,PP24663,PP24738,PP24739,PP24740,PP24741,PP24742,PP24744,PP24745,PP24746,PP
 24747,PP24748,PP24749,PP24750,PP24751,PP24752,PP24753,PP24754,PP24755,PP24756,PP24757,PP24758,PP2
 4759,PP24760,PP24761,PP24762,PP24763,PP24764,PP24805,PP24890,PP24926,

Chemical ID :
 E3875,E3914,E3915,E3927,E3941,E3944,E3956,E3962,E3964,E3965,E3968,P12604,P12610,P13038,P13041,P13196
 ,P13246,P13774,P13786,P13788,P13789,P13862,P9053,

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>
1215	FLOROSIL CLEAN UP-WASHING SOLN	EP2596	03/27/2025	09/19/2025	Rajesh Parikh	None	None	Evelyn Huang
								03/27/2025

FROM 100.00000ml of E3915 + 900.00000ml of E3914 = Final Quantity: 1000.000 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	EP2636	08/27/2025	01/28/2026	Riteshkumar Patel	Extraction_SC ALE_2	None	Evelyn Huang
						(EX-SC-2)		08/27/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

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>
4027	Pesticide resolution Check Mixture 8081	PP24651	06/16/2025	12/11/2025	Abdul Mirza	None	None	Yogesh Patel
								07/22/2025

FROM 1.00000ml of P13246 + 99.00000ml of E3941 = 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>
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>
3629	20 PPM PEST stock Solution 1st source(RESTEK)	PP24738	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13038 + 9.00000ml of E3956 = 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>
1472	20 PPM Pest Stock Solution 2nd Source	PP24739	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13041 + 9.00000ml of E3956 = 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>
1273	20 PPM Mirex Stock (Primary Source)	PP24740	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P9053 + 9.00000ml of E3956 = 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>
3663	20 PPM MIREX Stock STD (Secondary source)	PP24741	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13196 + 9.00000ml of E3956 = 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>
84	Pest/PCB Surrogate Stock 20 PPM	PP24742	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13788 + 9.00000ml of E3956 = 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>
3630	100/100 PPB PEST Working std.1st Source(RESTEK)	PP24744	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 98.50000ml of E3956 + 0.50000ml of PP24738 + 0.50000ml of PP24740 + 0.50000ml of PP24742 = 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>
80	100/100 PPB Pesticide Working Solution 2nd Source	PP24745	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 98.50000ml of E3956 + 0.50000ml of PP24739 + 0.50000ml of PP24741 + 0.50000ml of PP24742 = 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>
386	1000/100 PPB Chlordane STD (Restek)	PP24746	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.10000ml of P12604 + 99.40000ml of E3956 + 0.50000ml of PP24742 = 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>
3746	1000/100 ppb Chlordane STD-RESTEK 2ND SOURCE	PP24747	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P12610 + 99.40000ml of E3956 + 0.50000ml of PP24742 = 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>
383	1000/100 PPB Toxaphene STD (Restek)	PP24748	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P13774 + 99.40000ml of E3956 + 0.50000ml of PP24742 = 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>
3669	1000/100 PPB TOXAPHENE STD 2nd source (RESTEK)	PP24749	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P13862 + 99.40000ml of E3956 + 0.50000ml of PP24742 = 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>
3631	75 PPB ICAL PEST STD(RESTEK)	PP24750	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24744 = 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>
3632	50 PPB ICAL PEST STD(RESTEK)	PP24751	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.50000ml of E3956 + 0.50000ml of PP24744 = 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>
3633	25 PPB ICAL PEST STD(RESTEK)	PP24752	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.75000ml of E3956 + 0.25000ml of PP24744 = 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>
3634	5 PPB ICAL PEST STD(RESTEK)	PP24753	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.90000ml of E3956 + 0.10000ml of PP24751 = 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>
3988	50 PPB PEST ICV STD(RESTEK)	PP24754	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.50000ml of E3956 + 0.50000ml of PP24745 = 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>
528	CHLOR 750 PPB STD	PP24755	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.25000ml of E3956 + 0.75000ml of PP24746 = 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>
529	CHLOR 500 PPB STD	PP24756	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.50000ml of E3956 + 0.50000ml of PP24746 = 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>
530	CHLOR 250 PPB STD	PP24757	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.75000ml of E3956 + 0.25000ml of PP24746 = 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>
3408	CHLOR 50 PPB STD	PP24758	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.90000ml of E3956 + 0.10000ml of PP24756 = 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>
532	CHLOR 500 PPB ICV STD	PP24759	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24747 = 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>
533	TOX 750 PPB STD	PP24760	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24748 = 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>
534	TOX 500 PPB STD	PP24761	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.50000ml of E3956 + 0.50000ml of PP24748 = 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>
535	TOX 250 PPB STD	PP24762	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.75000ml of E3956 + 0.25000ml of PP24748 = 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>
2217	TOX 100 PPB STD	PP24763	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.90000ml of E3956 + 0.10000ml of PP24748 = 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>
3670	TOX 500 PPB ICV std (RESTEK)	PP24764	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 0.50000ml of PP24749 = 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>
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>
518	Pest/PCB I.BLK 20 PPB	PP24890	08/20/2025	02/18/2026	Abdul Mirza	None	None	Yogesh Patel
								09/17/2025

FROM 99.90000ml of E3962 + 0.10000ml 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>
3878	1000 PPB TOXAPHENE SPIKE (RESTEK)	PP24926	09/08/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
FROM 0.10000ml of P13862 + 99.90000ml of E3965 = 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 #
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	09/19/2025	03/19/2025 / RUPESH	03/13/2025 / RUPESH	E3914

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	09/26/2025	03/26/2025 / Rajesh	03/19/2025 / RUPESH	E3915

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
phenomenex	FS0006 / Cleanert SPE Silica, 1000 mg/6ml	Z0830QB1	04/18/2026	05/30/2025 / RUPESH	03/13/2025 / RUPESH	E3927

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	12/11/2025	06/11/2025 / Rajesh	06/04/2025 / Rajesh	E3941

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

CHEMICAL RECEIPT LOG BOOK

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	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3956

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	08/14/2025 / RUPESH	03/06/2025 / RUPESH	E3964

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	08/22/2025 / RUPESH	08/20/2025 / RUPESH	E3965

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)	25CO362005	03/03/2026	09/03/2025 / Riteshkumar	08/27/2025 / Riteshkumar	E3968

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0197993	01/21/2026	07/21/2025 / Abdul	07/03/2023 / Abdul	P12604

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0197993	01/21/2026	07/21/2025 / Abdul	07/03/2023 / Abdul	P12610

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul	A0200423	01/21/2026	07/21/2025 / Abdul	12/26/2023 / Abdul	P13038

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul	A0199099	07/21/2026	07/21/2025 / Abdul	12/26/2023 / Abdul	P13041

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	042022	01/21/2026	07/21/2025 / Abdul	01/17/2024 / Abdul	P13196

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	19161 / 8081 pesticide resolution check mixture	013124	12/17/2025	06/17/2025 / Abdul	02/09/2024 / Abdul	P13246

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0203038	01/21/2026	07/21/2025 / Abdul	05/03/2024 / Ankita	P13774

CHEMICAL RECEIPT LOG BOOK

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	01/21/2026	07/21/2025 / Abdul	11/19/2024 / Ankita	P13788

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0210240	01/21/2026	07/21/2025 / Abdul	12/09/2024 / Abdul	P13862

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	112018	01/21/2026	07/21/2025 / Abdul	11/01/2019 / Stephen	P9053

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantors™



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

Rec on 8/20/25

E3965

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



**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 RS on 3/14/25



E3914

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.: 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

Recd. by RS on 3/19/25

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E3915

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

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Cleanert Florisil

1g/6ml 30/pkg

LOT#: Z0830QB1

MFG#: G01256

CAT# FS0006



Made in China

固相萃取产品

Agela Technologies

E3927



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

Harout Sahagian

Recd. by RI on 6/11/25

E3941

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

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 7/16/25

E3956

Jamie Croak
Director Quality Operations, Bioscience Production

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

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date: 2026-04-16
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 Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8\%$	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	$\leq 0.02\%$	$< 0.01\%$

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 .

E 3964

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

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

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

Rec on 8/27/25

E 3968

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



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

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. : 32291 **Lot No.:** A0199099

Description : Organochlorine Pesticide Mix AB #1

Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2027 **Storage:** 10°C or colder

Ship: Ambient

P130397 5
↓
P13043 1
✓
12-26-2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	alpha-BHC	319-84-6	14434500	99%	200.0 µg/mL	+/- 8.9732
2	gamma-BHC (Lindane)	58-89-9	14184400	98%	200.1 µg/mL	+/- 8.9762
3	beta-BHC	319-85-7	BCCC6425	99%	200.3 µg/mL	+/- 8.9844
4	delta-BHC	319-86-8	14450800	98%	200.0 µg/mL	+/- 8.9740
5	Heptachlor	76-44-8	813251	99%	200.1 µg/mL	+/- 8.9754
6	Aldrin	309-00-2	14389400	98%	200.0 µg/mL	+/- 8.9718
7	Heptachlor epoxide (isomer B)	1024-57-3	14448800	99%	200.1 µg/mL	+/- 8.9754
8	trans-Chlordane	5103-74-2	32943	98%	199.9 µg/mL	+/- 8.9696
9	cis-Chlordane	5103-71-9	31766	98%	200.1 µg/mL	+/- 8.9762
10	Endosulfan I	959-98-8	BCCF4060	99%	200.1 µg/mL	+/- 8.9754
11	4,4'-DDE	72-55-9	GHYQG	99%	200.1 µg/mL	+/- 8.9777
12	Dieldrin	60-57-1	11129900	98%	200.0 µg/mL	+/- 8.9718
13	Endrin	72-20-8	14123200	98%	199.9 µg/mL	+/- 8.9696
14	4,4'-DDD	72-54-8	HAN02	99%	200.1 µg/mL	+/- 8.9777
15	Endosulfan II	33213-65-9	14374700	99%	200.0 µg/mL	+/- 8.9732
16	4,4'-DDT	50-29-3	230410JLMA	98%	200.0 µg/mL	+/- 8.9718

17	Endrin aldehyde	7421-93-4	30720	98%	200.1	µg/mL	+/- 8.9784
18	Endosulfan sulfate	1031-07-8	BCCH9010	99%	200.0	µg/mL	+/- 8.9732
19	Methoxychlor	72-43-5	13668200	99%	200.1	µg/mL	+/- 8.9777
20	Endrin ketone	53494-70-5	1-ABS-16-7	98%	200.0	µg/mL	+/- 8.9740

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane/Toluene (50:50)
CAS # 110-54-3/108-88-3
Purity 99%

P 13039
 ↓
 P13043
 1
 5
 12/26/23

Quality Confirmation Test

Column:
 30m x .25mm x .2µm
 Rtx-CLP II (cat.# 11323)

Carrier Gas:
 helium-constant pressure 20 psi.

Temp. Program:
 150°C to 300°C
 @ 4°C/min. (hold 5 min.)

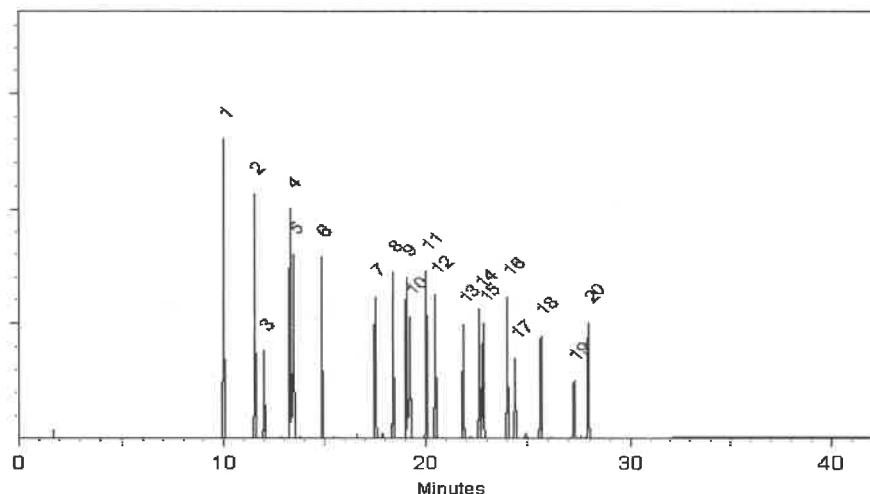
Inj. Temp:
 200°C

Det. Temp:
 300°C

Det. Type:
 ECD

Split Vent:
 Split ratio 50:1

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.

Josh McCloskey
 Josh McCloskey - Operations Technician I

Date Mixed: 19-Jun-2023 **Balance Serial #** 1128360905

Jennifer Pollino
 Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 23-Jun-2023

Manufactured under Restek's ISO 9001:2015
 Registered Quality System
 Certificate #FM 80397



CERTIFIED WEIGHT REPORT

Part Number: **79136**
Lot Number: **042022**
Description: **Mirex**

Solvent(s):
Acetone
Lot#: **81025**

		042022
Formulated By:	Prashant Chauhan	DATE
		042022
Reviewed By:	Pedro L. Rentas	DATE

Expiration Date: **042027**
Recommended Storage: **Refrigerate (4 °C)**
Nominal Concentration (µg/mL): **1000**
NIST Test ID#: **6UTB**

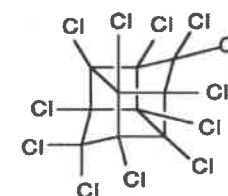
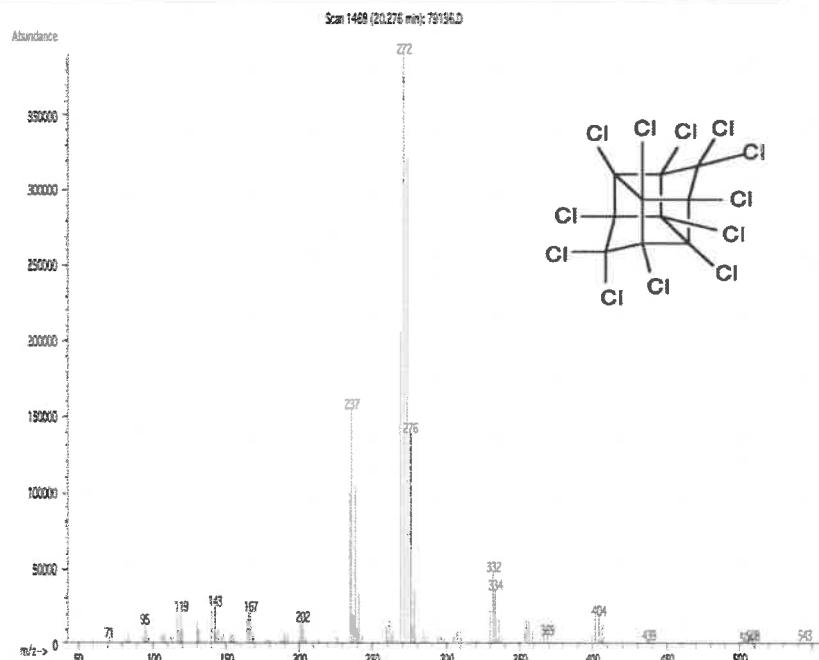
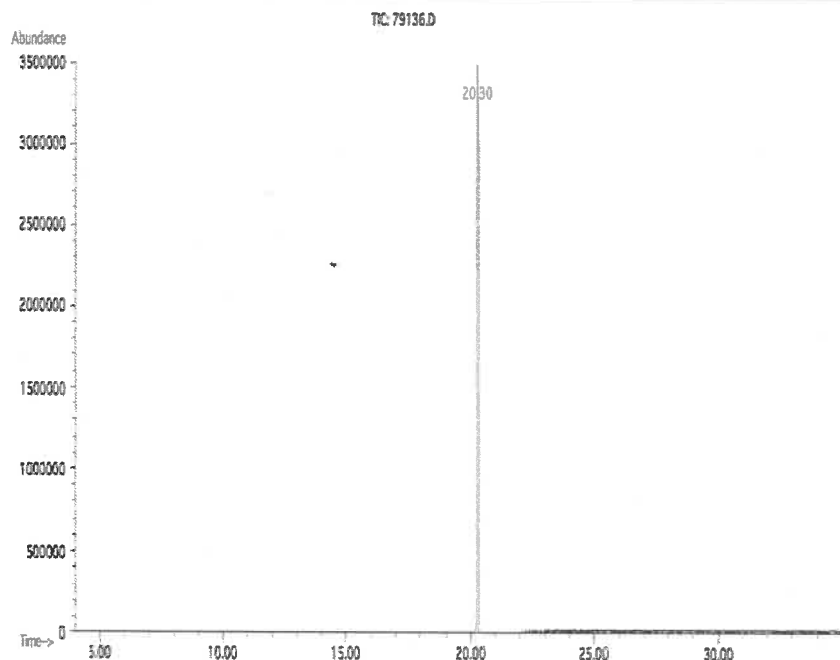
5E-05 Balance Uncertainty
0.006 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): **50.0**

SDS Information
(Solvent Safety Info. On Attached pg.)
Expanded Uncertainty (+/-) (µg/mL)
CAS# OSHA PEL (TWA) LD50

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	CAS#	OSHA PEL (TWA)	LD50
1. Mirex	437	9492400	1000	99.4	0.5	0.05034	0.05040	1001.1	10.3	2385-85-5	N/A	ori-rat 306mg/kg

Method GC7MSD-1.M: Column: SPB-608 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (4min.), Temp 2 = 290°C (13.5 min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C. Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Candice Warren.



P13195
↓
P13199
↓
(5)
↓
W. H. H. H.
01/17/2024

- 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 Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

01/17/2024
HARRIS
D
3/3/19
3/3/19
5
5



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

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. : 32021 **Lot No.:** A0197993
Description : Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : August 31, 2029 **Storage:** 10°C or colder
Ship: Ambient

P 12603
↓
P 12605
[3]
Kauf
7/3/2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Chlordane 10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers	57-74-9	978545	----%	1,005.0 µg/mL	+/- 55.7700

Solvent: Hexane
CAS # 110-54-3
Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

Tech Tips:

CAS #57-74-9 nomenclature is based on EPA method 8081B.

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:

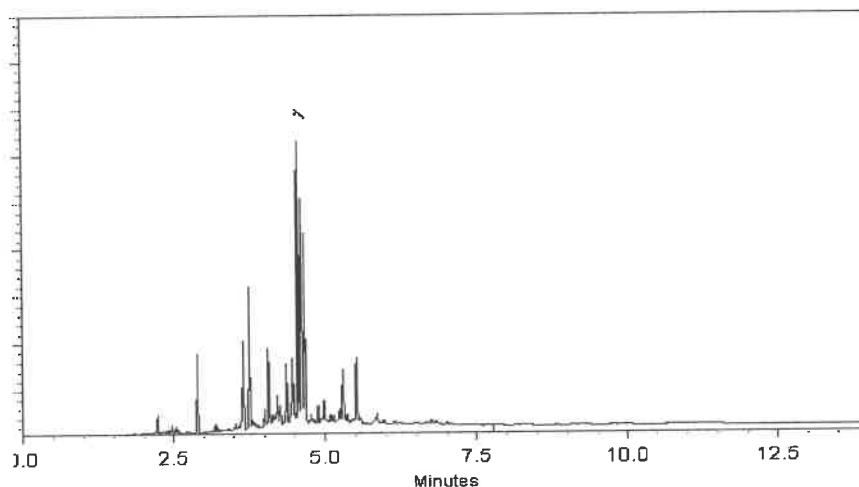
ECD

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.


Morgan Craighead - Mix Technician

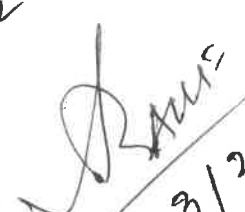
Date Mixed: 11-May-2023

Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 12603 } (3)
↓
P 12605

7/3/2023



110 Benner Circle
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.: 32021 Lot No.: A0197993
Description: Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul
Container Size: 2 mL Pkg Amt: > 1 mL
Expiration Date: August 31, 2029 Storage: 10°C or colder
Ship: Ambient

P 12606
P 12610
5 Five
7/3/2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Chlordane 10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers	57-74-9	978545	----%	1,005.0 µg/mL	+/- 55.7700

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Tech Tips:

CAS #57-74-9 nomenclature is based on EPA method 8081B.

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:

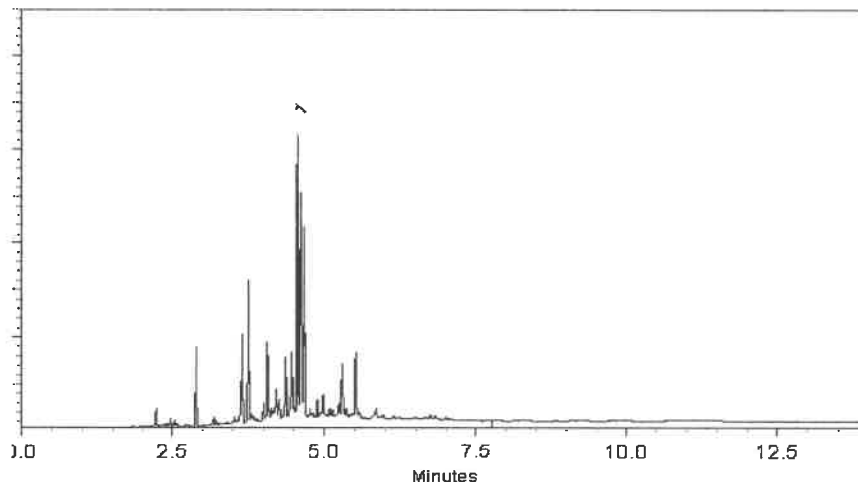
ECD

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.

Morgan Craighead - Mix Technician

Date Mixed: 11-May-2023

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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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. : 32291 **Lot No.:** A0200423

Description : Organochlorine Pesticide Mix AB #1

Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 10°C or colder

Ship: Ambient

P 13034
↓
P 13038
12.26.2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	alpha-BHC	319-84-6	14434500	99%	200.5 µg/mL	+/- 8.9956
2	gamma-BHC (Lindane)	58-89-9	14184400	98%	199.9 µg/mL	+/- 8.9696
3	beta-BHC	319-85-7	BCCC6425	99%	200.0 µg/mL	+/- 8.9732
4	delta-BHC	319-86-8	14450800	98%	199.9 µg/mL	+/- 8.9696
5	Heptachlor	76-44-8	813251	99%	202.0 µg/mL	+/- 9.0629
6	Aldrin	309-00-2	14389400	98%	200.9 µg/mL	+/- 9.0136
7	Heptachlor epoxide (isomer B)	1024-57-3	14448800	99%	200.0 µg/mL	+/- 8.9732
8	trans-Chlordane	5103-74-2	34616	99%	200.5 µg/mL	+/- 8.9956
9	cis-Chlordane	5103-71-9	31766	98%	201.4 µg/mL	+/- 9.0356
10	Endosulfan I	959-98-8	BCCF4060	99%	200.0 µg/mL	+/- 8.9732
11	4,4'-DDE	72-55-9	GHYQG	99%	201.5 µg/mL	+/- 9.0405
12	Dieldrin	60-57-1	14515000	98%	199.9 µg/mL	+/- 8.9696
13	Endrin	72-20-8	14485300	98%	200.4 µg/mL	+/- 8.9916
14	4,4'-DDD	72-54-8	HAN02	99%	200.5 µg/mL	+/- 8.9956
15	Endosulfan II	33213-65-9	14374700	99%	200.0 µg/mL	+/- 8.9732
16	4,4'-DDT	50-29-3	230410JLMA	98%	201.9 µg/mL	+/- 9.0575

17	Endrin aldehyde	7421-93-4	30720	98%	201.4 µg/mL	+/- 9.0356
18	Endosulfan sulfate	1031-07-8	BCCH9010	99%	200.5 µg/mL	+/- 8.9956
19	Methoxychlor	72-43-5	14563200	98%	200.9 µg/mL	+/- 9.0136
20	Endrin ketone	53494-70-5	14537700	98%	199.9 µg/mL	+/- 8.9696

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane/Toluene (50:50)
CAS # 110-54-3/108-88-3
Purity 99%

P13034
P13038
1
5
12/26/2023

Quality Confirmation Test

Column:
30m x .25mm x .2µm
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

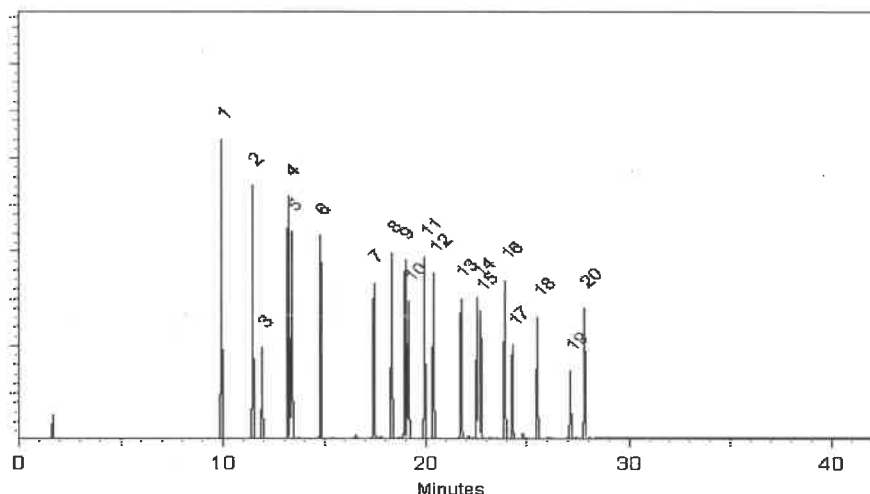
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

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.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 31-Jul-2023

Balance Serial # B442140311

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Aug-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



CERTIFIED WEIGHT REPORT

Part Number: **19161**
 Lot Number: **013124**
 Description: **CLP Pesticides & PCB's Resolution Check Standard**
 9 components
 Expiration Date: **013129**
 Recommended Storage: **Refrigerate (4 °C)**
 Nominal Concentration (µg/mL): **Varied**
 NIST Test ID#: **6UTB**
 Volume(s) shown below were combined and diluted to (mL): **100.0**

Solvent(s):
 Hexane 273615 (50%)
 Toluene 28508 (50%)

		013124
Formulated By:	Lawrence Barry	DATE
		013124
Reviewed By:	Pedro L. Rentas	DATE

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(ug/mL)	Final Conc.(ug/mL)	Expanded Uncertainty (+/-) µg/mL	SDS Information (Solvent Safety Info. On Attached pg.)		
									CAS#	OSHA PEL (TWA)	LD50
1. trans-Chlordane	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	5103-74-2	0.5mg/m3 (skin)	ori-rat 500mg/kg
2. Endosulfan I	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	959-98-8	0.1mg/m3 (skin)	ori-rat 18mg/kg
3. 4,4'-DDE	19361	013124	0.010	1.00	0.004	201.6	2.0	0.03	72-55-9	N/A	ori-rat 880mg/kg
4. Dieldrin	19361	013124	0.010	1.00	0.004	202.8	2.0	0.03	60-57-1	0.25mg/m3 (skin)	ori-rat 38300ug/kg
5. Endosulfan sulfate	19361	013124	0.010	1.00	0.004	204.2	2.0	0.03	1031-07-8	N/A	ori-rat 18mg/kg
6. Endrin ketone	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	53494-70-5	N/A	N/A
7. 4,4'-Methoxychlor	19361	013124	0.010	1.00	0.004	1000.7	10.0	0.09	72-43-5	10mg/m3	ori-rat 6000mg/kg
8. 2,4,5,6-Tetrachloro-m-xylene	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	877-09-8	N/A	N/A
9. Decachlorobiphenyl (209)	19361	013124	0.010	1.00	0.004	202.0	2.0	0.03	2051-24-3	N/A	N/A

• 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 Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

P13243 } (5)
 ↓
 P13247 }
 ↓
 02/9/2024



110 Benner Circle
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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. : 32005 **Lot No.:** A0203038

Description : Toxaphene Standard
Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	—%	1,009.0 µg/mL	+/- 55.9920

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13773
↓
P13779
AI
11/19/24

05-06-2024

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:

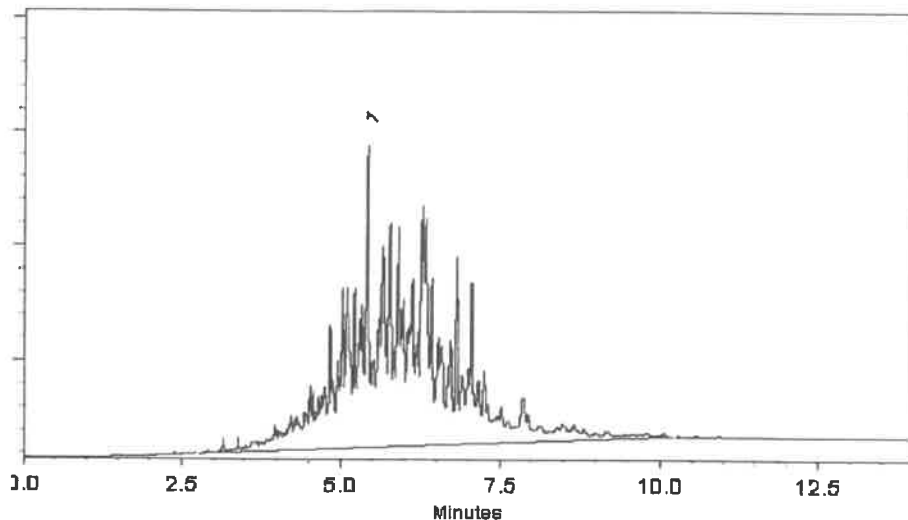
ECD

Split Vent:

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.


Dakota Parson - Operations Technician I

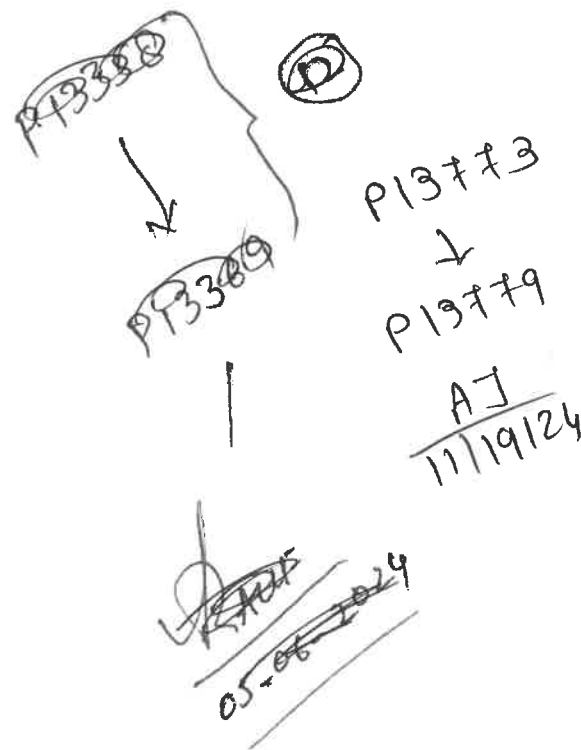
Date Mixed: 10-Oct-2023

Balance Serial # 1128353505


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397


Handwritten notes and signatures are present at the bottom right of the page. They include a circled 'P' with an arrow pointing to 'P13388', which then points to 'P13389'. To the right, there is a list: 'P13773', 'P13779', and 'AJ' with a date '11/19/24' below it. At the bottom, there is a signature and the date '05-06-2024'.



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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
↓
P19789 AJ
11/19/24

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:

heliu-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:

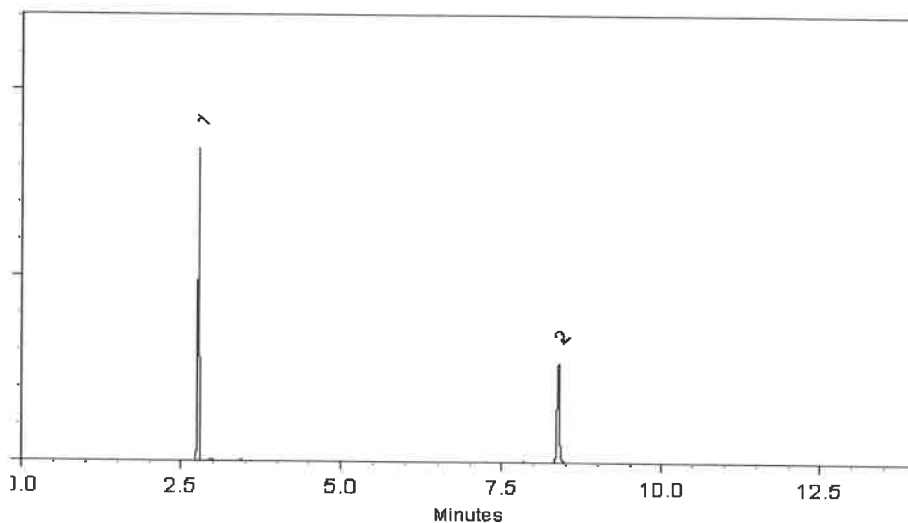
ECD

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.E.
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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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
↓
P19789
AJ
11/19/24

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:

heliu-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:

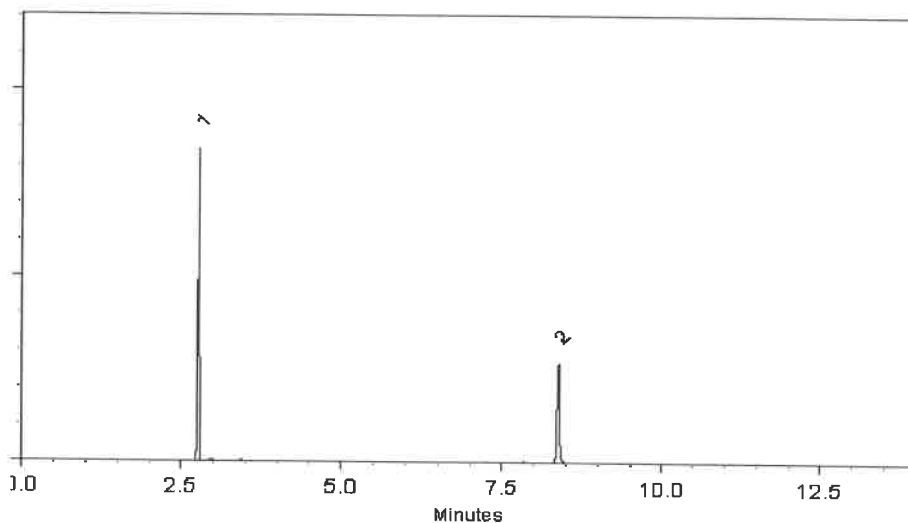
ECD

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.E.
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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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
↓
P19789 AJ
11/19/24

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:

heliu-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:

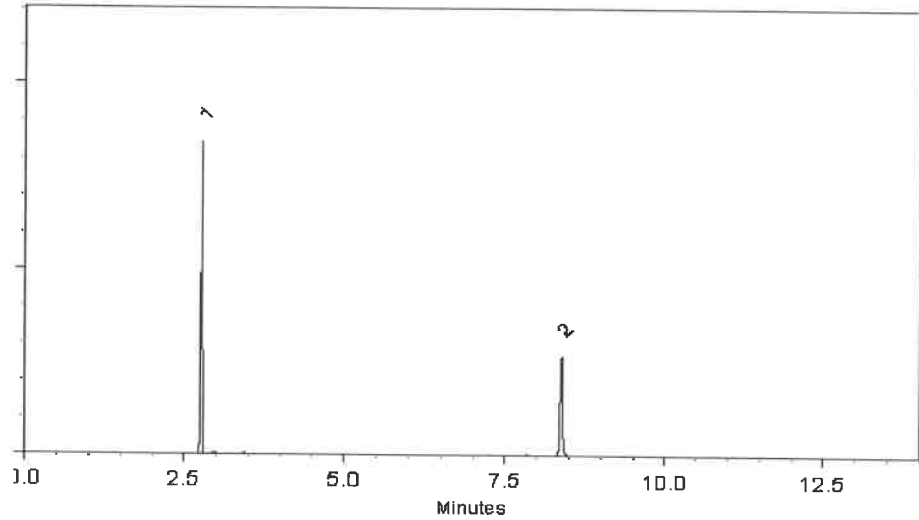
ECD

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.E.
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
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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. : 32005 **Lot No.:** A0210240

Description : Toxaphene Standard
Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	----%	1,009.3 µg/mL	+/- 56.0105

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13861
P13862

12/9/2024

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.)

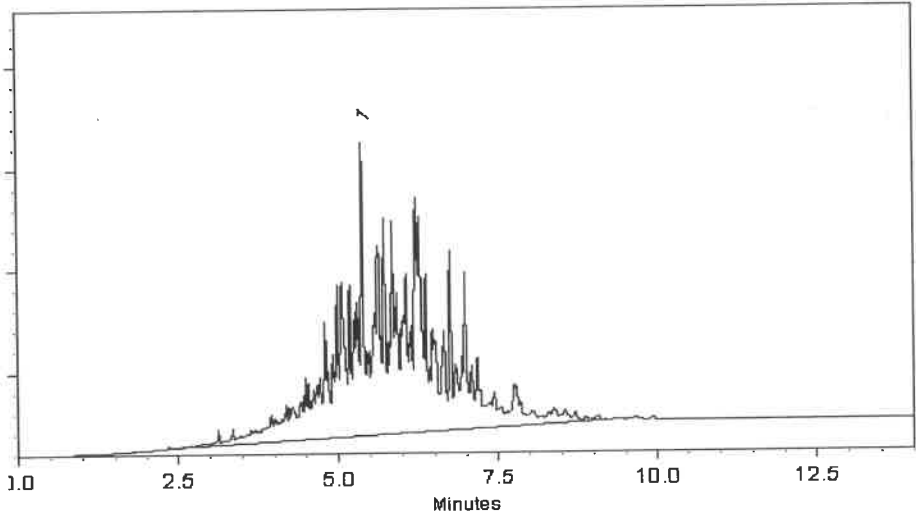
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
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.


Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024 **Balance Serial #** B442140311

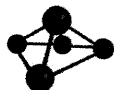

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 26-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13861 } ②
P13862 }
↑

12/9/2024



CERTIFIED WEIGHT REPORT

Part Number: **72072**
Lot Number: **112018**
Description: **n-Tetracosane-d50**
Expiration Date: **112028**
Recommended Storage: **Ambient (20 °C)**
Nominal Concentration (µg/mL): **1000**
NIST Test ID#: **2684186**
Weight(s) shown below were combined and diluted to (mL): **200.0**

Solvent(s): **Methylene chloride**
Lot#: **102669**

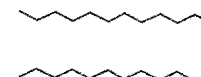
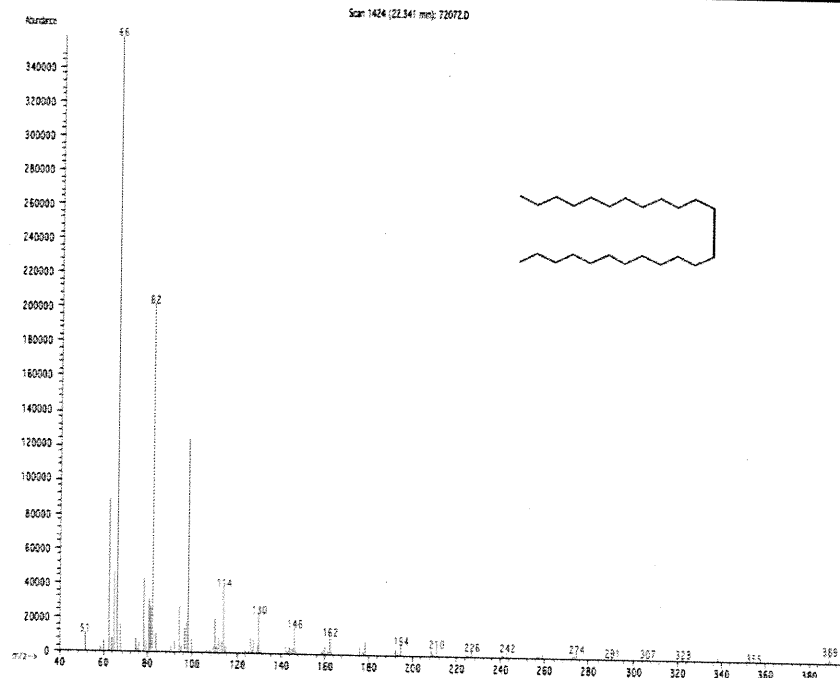
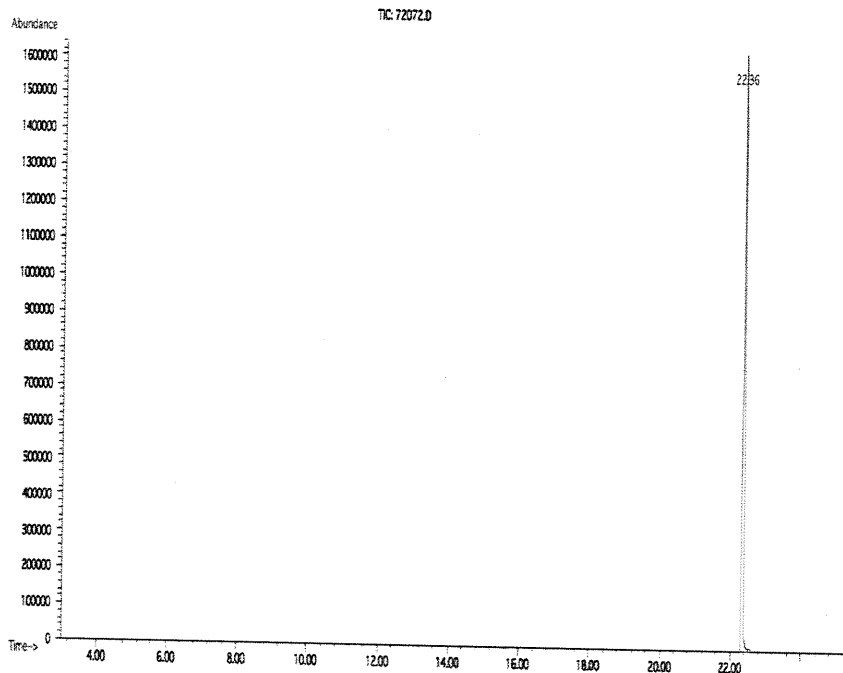
Received by
SG on 11/1/19
p9044 - p9053

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

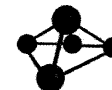
<i>Prashant Chauhan</i>		112018
Formulated By:	Prashant Chauhan	DATE
<i>Pedro Rentas</i>		112018
Reviewed By:	Pedro Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.)		
										CAS#	OSHA PEL (TWA)	LD50
1. n-Tetracosane-d50	2072	PR-17753/09216TC1	1000	98	0.2	0.20411	0.20415	1000.2	4.2	16416-32-3	N/A	N/A

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Candice Warren.



- 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 Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**Run 40, "P72072 L112018 [1000µg/mL in MeCl2]"**

Run Length: 35.00 min, 20999 points at 10 points/second.

Created: Thu, Nov 22, 2018 at 7:23:18 AM.

Sampled: Sequence "112018-GC4M1", Method "GC4-M1".

Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier

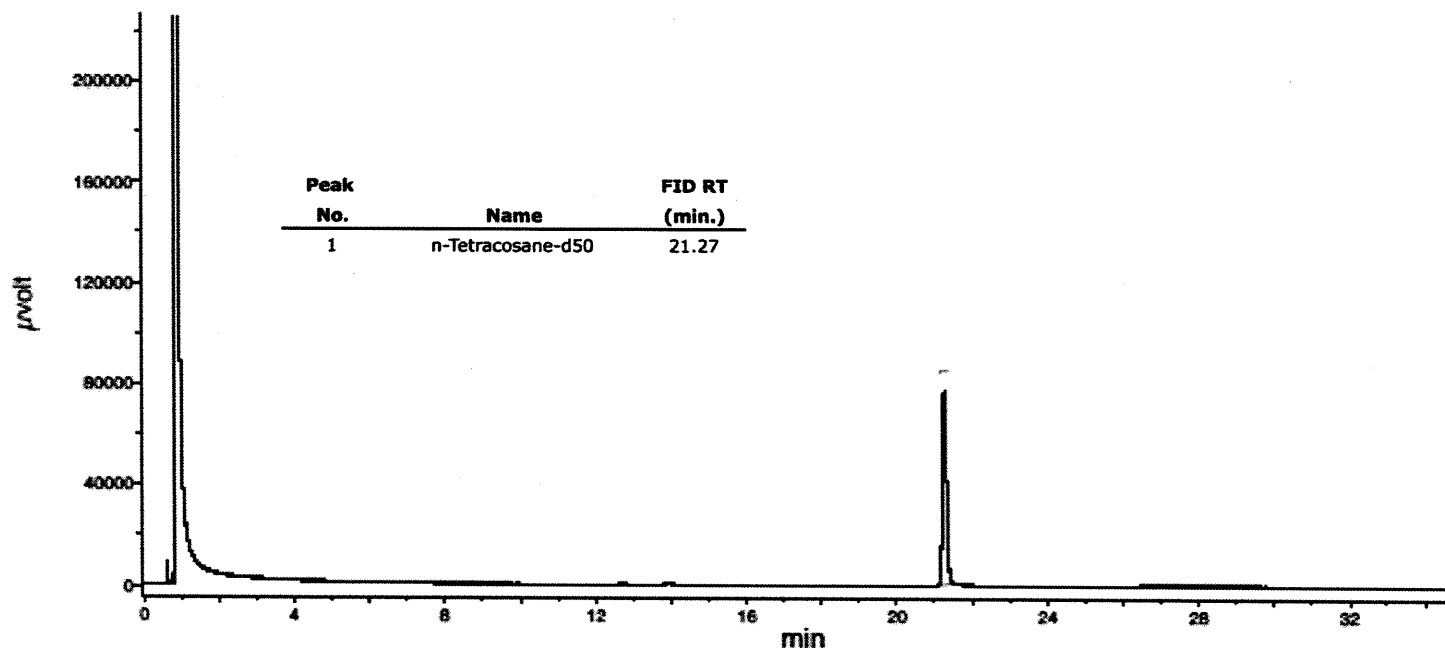
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5µm Film Thickness

Flow rates: Total Flow = 300 mL/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL,
Air (detector) = 360 mL

Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.

Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDag Channel 1.

Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 µL, Range = 3





SHIPPING DOCUMENTS

- 1
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- 18

Packing List

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsandsale

Date	Order #
09/02/2025	333290



Ship To

Alliance Tech Group - Newark
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: *ST* 9/4/2025
9:25

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
PO2-3159	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
			PT-TMSET-WP	WP Trace Metals Set : (TM1, HG and SNTI)		
1	1	0	PT-TM1-WP	WP Trace Metals 1	WP0925	8270-04
1	1	0	PT-HG-WP	WP Mercury	WP0925	8270-05
1	1	0	PT-SNTI-WP	WP Tin & Titanium	WP0925	8270-38
1	1	0	PT-CR6-WP	WP Hexavalent Chromium	WP0925	8270-06
1	1	0	PT-DEM-WP	WP Demand	WP0925	8270-07
			PT-MINSET-WP	WP Minerals Set : (MIN1, MIN2 and COND)		
1	1	0	PT-MIN1-WP	WP Minerals 1 Only	WP0925	8270-08
1	1	0	PT-MIN2-WP	WP Minerals 2 Only	WP0925	8270-102
1	1	0	PT-COND-WP	WP Conductivity Only	WP0925	8270-72
1	1	0	PT-COND-WP	WP Conductivity Only	WP0925	8270-72
1	1	0	PT-SOL-WP	WP Solids	WP0925	8270-09
			PT-NUTSET-WP	WP Nutrients Set : (NUT1, NUT2 and NUT3)		
1	1	0	PT-NUT1-WP	WP NUT1 Simple Nutrients Only	WP0925	8270-10
1	1	0	PT-NUT2-WP	WP NUT2 - Complex Nutrients	WP0925	8270-11
1	1	0	PT-NUT3-WP	WP NUT3 - Nitrite Only	WP0925	8270-69
1	1	0	PT-OGR1L-WP	WP Oil and Grease 1L	WP0925	8270-103
1	1	0	PT-CL-WP	WP Residual Chlorine	WP0925	8270-13
1	1	0	PT-PH-WP	WP pH	WP0925	8270-15
1	1	0	PT-CN-WP	WP Cyanide	WP0925	8270-14

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsandsale

Date	Order #
09/02/2025	333290



Ship To

Alliance Tech Group - Newark
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
9/4/2025
9:25

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
PO2-3159	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	PT-PHEN-WP	WP Phenolics	WP0925	8270-16
1	1	0	PT-S2-WP	WP Sulfide	WP0925	8270-22
1	1	0	PT-SSOL-WP	WP Settleable Solids	WP0925	8270-17
1	1	0	PT-VSOL-WP	WP Volatile Solids	WP0925	8270-18
1	1	0	PT-TURB-WP	WP Turbidity	WP0925	8270-20
1	1	0	PT-SIO2-WP	WP Silica	WP0925	8270-21
1	1	0	PT-COL-WP	WP Color	WP0925	8270-51
1	1	0	PT-VOA-WP	WP Volatiles	WP0925	8270-26
1	1	0	PT-BN-WP	WP Base Neutrals	WP0925	8270-27
1	1	0	PT-ACIDS-WP	WP Acids	WP0925	8270-28
1	1	0	PT-PEST-WP	WP Pesticides	WP0925	8270-29
1	1	0	PT-CHLR-WP	WP Chlordane	WP0925	8270-30
1	1	0	PT-TXP-WP	WP Toxaphene	WP0925	8270-31
1	1	0	PT-PCBW-WP	WP PCBs in Water	WP0925	8270-32
1	1	0	PT-HERB-WP	WP Herbicides	WP0925	8270-36
1	1	0	RR-TPH1L-WP	WP TPH 1L	R41815	R41815-104
1	1	0	RR-PAH-WP	WP PAH-Low Level	R41815	R41815-37
1	1	0	RR-GAS-WP	WP Gasoline Range Organics	R41815	R41815-62
1	1	0	RR-DIES-WP	WP Diesel Range Organics	R41815	R41815-63
1	1	0	RR-8011-WP	WP EDB/DBCP/TCP	R41815	R41815-98

Packing List

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsandsale

Date	Order #
09/05/2025	340092



Ship To

Alliance Tech Group - Newark
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ

9/9/2025 12:20

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
PO2-3159	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	RR-TRIAZINE-WP	WP Triazine Pesticides	R41854	R41854-108

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