284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q1502

Project ID : NJ Waste Water PT

Client : Alliance Technical Group, LLC - Newark

Lab Sample Number	Client Sample Number
Q1502-01	PT-VOA-WP
Q1502-02	PT-VOA-WP
Q1502-03	PT-BN-WP
Q1502-04	PT-BN-WP
Q1502-05	PT-BN-WP
Q1502-06	PT-ACIDS-WP
Q1502-07	PT-ACIDS-WP
Q1502-08	PT-ACIDS-WP
Q1502-09	PT-PEST-WP
Q1502-10	PT-PEST-WP
Q1502-11	PT-CHLR-WP
Q1502-12	PT-CHLR-WP
Q1502-13	PT-TXP-WP
Q1502-14	PT-TXP-WP
Q1502-15	PT-PCBW-WP
Q1502-16	PT-PCBW-WP
Q1502-17	PT-HERB-WP
Q1502-18	RR-GAS-WP
Q1502-19	RR-DIES-WP
Q1502-20	RR-8011-WP
Q1502-21	RR-PAH-WP
Q1502-22	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 : _____

Date: 4/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Alliance Technical Group, LLC - Newark
Project Name: NJ Waste Water PT
Project # N/A
Chemtech Project # Q1502
Test Name: PESTICIDE Group3

A. Number of Samples and Date of Receipt:
21 Water samples were received on 03/05/2025.
1 Water sample was received on 03/11/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, Gasoline Range Organics, Herbicide group1, PCB, PESTICIDE Group1, PESTICIDE Group2, PESTICIDE Group3, SVOCMS Group1, SVOCMS Group2, SVOCMS Group3, SVOCMS Group4, SVOCMS Group5, SVOCMS Group6, VOCGC Group 1 and VOCMS Group1. This data package contains results for PESTICIDE Group3.

C. Analytical Techniques:
The analysis was performed on instrument ECD_L. 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 met the acceptable criteria.
The Retention Times were acceptable for all samples.
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

Sample 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.

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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 is 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

CHEMTECH PROJECT NUMBER: Q1502 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 samples .			✓
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 PT-TXP-WP was diluted due to high concentration.

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1502**

	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 Castody	✓
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:** **04/18/2025**

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LAB CHRONICLE

OrderID:	Q1502	**OrderDate:**	3/6/2025 10:04:07 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
Q1502-09	**PT-PEST-WP**	**WATER**			**03/03/25**			**03/05/25**
			PESTICIDE Group1	8081B		03/11/25	03/11/25	
Q1502-09DL	**PT-PEST-WPDL**	**WATER**			**03/03/25**			**03/05/25**
			PESTICIDE Group1	8081B		03/11/25	03/12/25	
Q1502-09DL2	**PT-PEST-WPDL2**	**WATER**			**03/03/25**			**03/05/25**
			PESTICIDE Group1	8081B		03/11/25	03/12/25	
Q1502-11	**PT-CHLR-WP**	**WATER**			**03/03/25**			**03/05/25**
			PESTICIDE Group2	8081B		03/11/25	03/12/25	
Q1502-13	**PT-TXP-WP**	**WATER**			**03/03/25**			**03/05/25**
			PESTICIDE Group3	8081B		03/11/25	03/12/25	
Q1502-13DL	**PT-TXP-WPDL**	**WATER**			**03/03/25**			**03/05/25**
			PESTICIDE Group3	8081B		03/11/25	03/12/25	
Q1502-15	**PT-PCBW-WP**	**WATER**			**03/03/25**			**03/05/25**
			PCB	8082A		03/11/25	03/12/25	
Q1502-17	**PT-HERB-WP**	**WATER**			**03/03/25**			**03/05/25**
			Herbicide group1	8151A		03/20/25	04/03/25	
Q1502-18	**RR-GAS-WP**	**Water**			**03/03/25**			**03/05/25**
			Gasoline Range Organics	8015D			03/11/25	
Q1502-19	**RR-DIES-WP**	**Water**			**03/03/25**			**03/05/25**
			Diesel Range Organics	8015D		03/12/25	03/12/25	
Q1502-20	**RR-8011-WP**	**WATER**			**03/03/25**			**03/05/25**
			VOCGC Group 1	8011		03/12/25	03/12/25	

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LAB CHRONICLE

Q1502-20DL	**RR-8011-WPDL**	**WATER**			**03/03/25**		**03/05/25**
			VOCGC Group 1	8011	03/12/25	03/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1502 **Order ID:** Q1502

Client: Alliance Technical Group, LLC - Newark **Project ID:** NJ Waste Water PT

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : PT-TXP-WP								
Q1502-13	PT-TXP-WP	WATER	Toxaphene	36.7	E	0.17	1.00	ug/L
			Total Concentration:	**36.700**				
Client ID : PT-TXP-WPDL								
Q1502-13DL	PT-TXP-WPDL	WATER	Toxaphene	38.3	D	1.70	10.0	ug/L
			Total Concentration:	**38.300**				

QC SUMMARY

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Surrogate Summary

SDG No.: Q1502

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL094566.D	PIBLK-PL094566.D	Decachlorobiphenyl	1	20	22.7	114		43	140
		Tetrachloro-m-xylene	1	20	20.6	103		77	126
		Decachlorobiphenyl	2	20	21.0	105		43	140
		Tetrachloro-m-xylene	2	20	20.2	101		77	126
I.BLK-PL094628.D	PIBLK-PL094628.D	Decachlorobiphenyl	1	20	23.9	120		43	140
		Tetrachloro-m-xylene	1	20	21.2	106		77	126
		Decachlorobiphenyl	2	20	22.9	115		43	140
		Tetrachloro-m-xylene	2	20	20.9	105		77	126
Q1502-13	PT-TXP-WP	Decachlorobiphenyl	1	20	24.7	123		43	140
		Tetrachloro-m-xylene	1	20	20.7	103		77	126
		Decachlorobiphenyl	2	20	23.9	119		43	140
		Tetrachloro-m-xylene	2	20	20.1	101		77	126
Q1502-13DL	PT-TXP-WPDL	Decachlorobiphenyl	1	20	27.8	139		43	140
		Tetrachloro-m-xylene	1	20	22.3	112		77	126
		Decachlorobiphenyl	2	20	24.4	122		43	140
		Tetrachloro-m-xylene	2	20	21.1	106		77	126
I.BLK-PL094639.D	PIBLK-PL094639.D	Decachlorobiphenyl	1	20	24.1	121		43	140
		Tetrachloro-m-xylene	1	20	21.0	105		77	126
		Decachlorobiphenyl	2	20	23.8	119		43	140
		Tetrachloro-m-xylene	2	20	21.0	105		77	126
I.BLK-PL095202.D	PIBLK-PL095202.D	Decachlorobiphenyl	1	20	22.6	113		43	140
		Tetrachloro-m-xylene	1	20	20.6	103		77	126
		Decachlorobiphenyl	2	20	21.7	109		43	140
		Tetrachloro-m-xylene	2	20	20.1	100		77	126
I.BLK-PL095272.D	PIBLK-PL095272.D	Decachlorobiphenyl	1	20	20.8	104		43	140
		Tetrachloro-m-xylene	1	20	20.4	102		77	126
		Decachlorobiphenyl	2	20	20.4	102		43	140
		Tetrachloro-m-xylene	2	20	18.8	94		77	126
PB167087BL	PB167087BL	Decachlorobiphenyl	1	20	21.1	106		43	140
		Tetrachloro-m-xylene	1	20	19.5	97		77	126
		Decachlorobiphenyl	2	20	20.1	101		43	140
		Tetrachloro-m-xylene	2	20	17.5	87		77	126
PB167087BS	PB167087BS	Decachlorobiphenyl	1	20	20.0	100		43	140
		Tetrachloro-m-xylene	1	20	21.0	105		77	126
		Decachlorobiphenyl	2	20	18.9	94		43	140
		Tetrachloro-m-xylene	2	20	19.5	98		77	126
I.BLK-PL095280.D	PIBLK-PL095280.D	Decachlorobiphenyl	1	20	21.7	109		43	140
		Tetrachloro-m-xylene	1	20	20.0	100		77	126
		Decachlorobiphenyl	2	20	21.2	106		43	140
		Tetrachloro-m-xylene	2	20	19.0	95		77	126

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1502

Client: Alliance Technical Group, LLC - Newar

Analytical Method: 8081B **Datafile :** PL095279.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167087BS	Toxaphene	2	2.00	ug/L	100				80	120	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167087BL

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG NO.: Q1502

Lab Sample ID: PB167087BL Lab File ID: PL095278.D

Matrix: (soil/water) WATER Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 03/11/2025

Date Analyzed (1): 04/17/2025 Date Analyzed (2): 04/17/2025

Time Analyzed (1): 13:00 Time Analyzed (2): 13:00

Instrument ID (1): ECD_L Instrument ID (2): ECD_L

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
PT-TXP-WP	Q1502-13	PL094637.D	03/12/2025	03/12/2025
PB167087BS	PB167087BS	PL095279.D	04/17/2025	04/17/2025

COMMENTS:

SAMPLE DATA

Raw Data: **PL094637.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	03/03/25
Project:	NJ Waste Water PT	Date Received:	03/05/25
Client Sample ID:	PT-TXP-WP	SDG No.:	Q1502
Lab Sample ID:	Q1502-13	Matrix:	WATER
Analytical Method:	SW8081	% 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
PL094637.D	1	03/11/25 08:46	03/12/25 14:54	PB167087

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
8001-35-2	Toxaphene	36.7	E	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.7		43 - 140	123%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		77 - 126	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_L\Data\PL031225\
Data File : PL094637.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 14:54
Operator : AR\AJ
Sample : Q1502-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PT-TXP-WP

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:41:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:54:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.537	2.771	59264154	73745752	20.685	20.152	
7) SA	Decachlor...	9.050	7.903	53176971	100.5E6	24.681	23.873	
	Target Compounds							
2)	Toxaphene-1	6.239	4.999	100.7E6	161.8E6	3880.495	6010.211	#
3)	Toxaphene-2	6.439	5.320	72326912	145.0E6	4417.319	5586.120	#
4)	Toxaphene-3	7.055	5.678	352.5E6	47943355	4217.581	1715.435	#
5)	Toxaphene-4	7.144	6.587	225.3E6	359.3E6	3554.713	3713.370	
6)	Toxaphene-5	7.931	7.036	57494584	121.5E6	1271.647	1322.145	

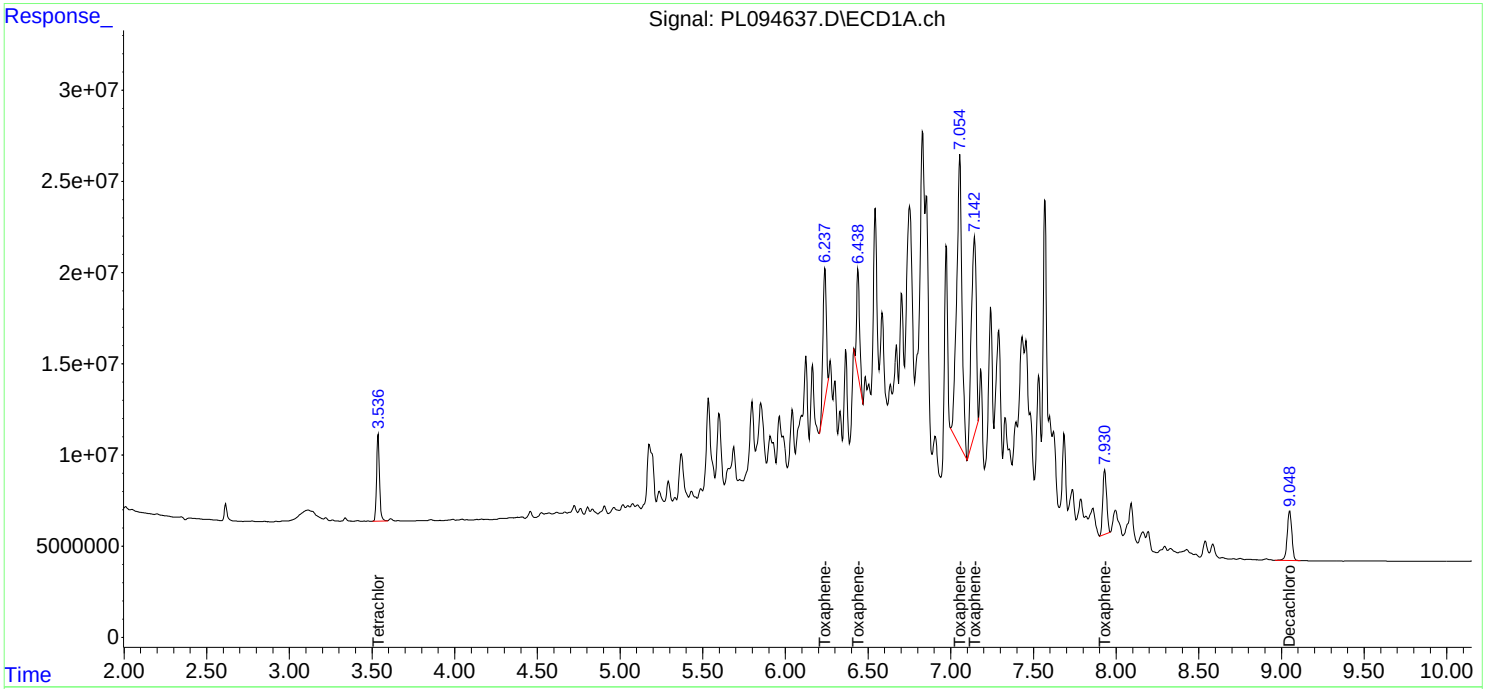
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

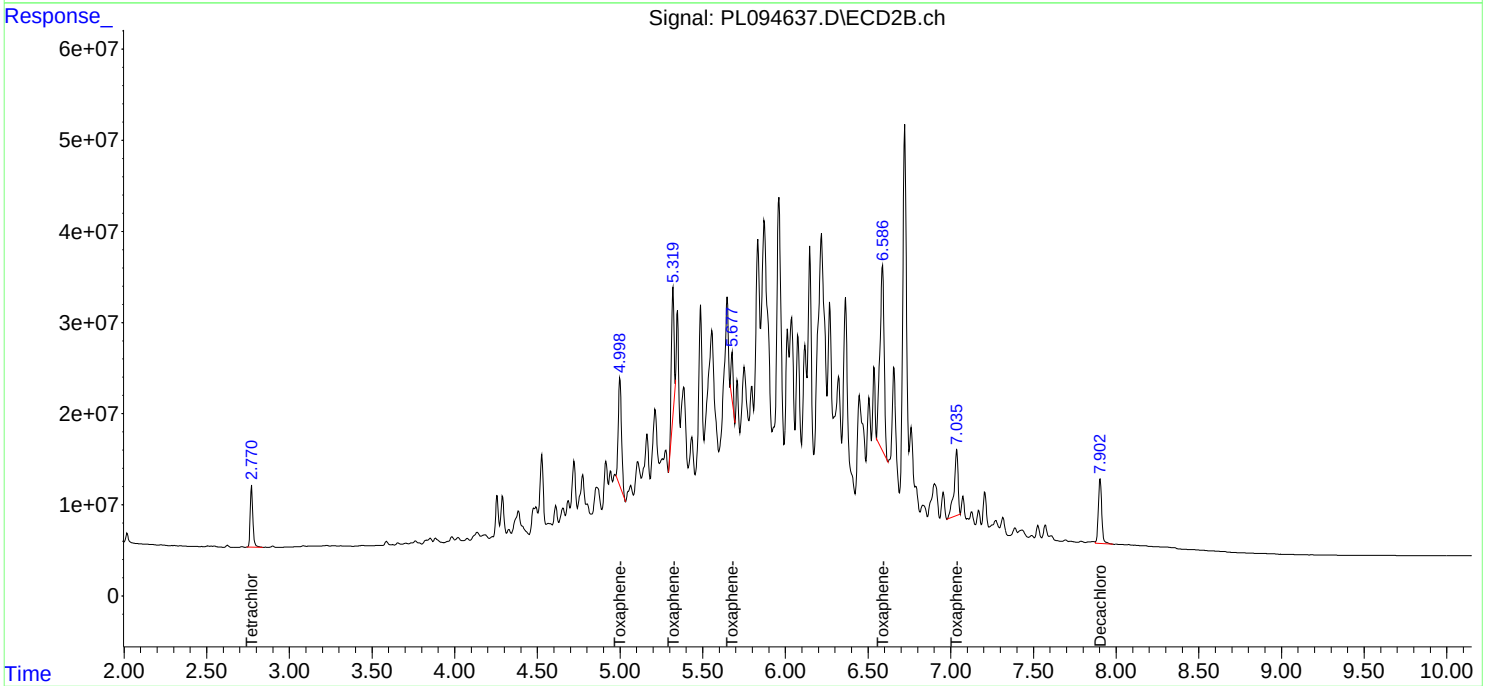
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094637.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 14:54
Operator : AR\AJ
Sample : Q1502-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

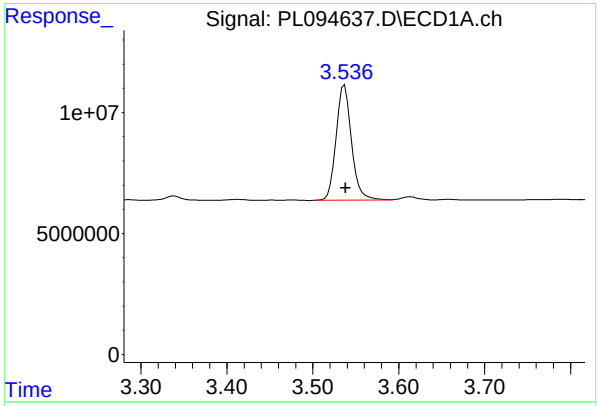
Instrument :
ECD_L
ClientSampleId :
PT-TXP-WP

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:41:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:54:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



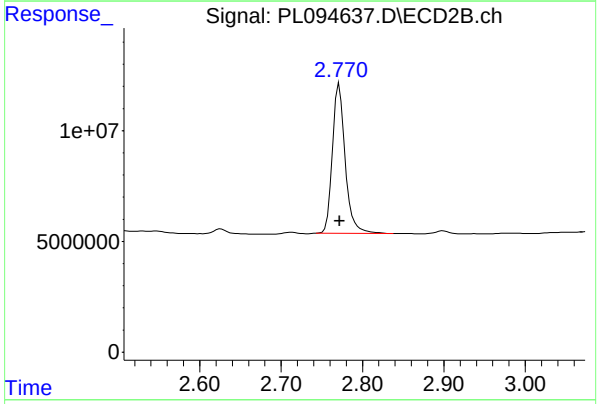




#1 Tetrachloro-m-xylene

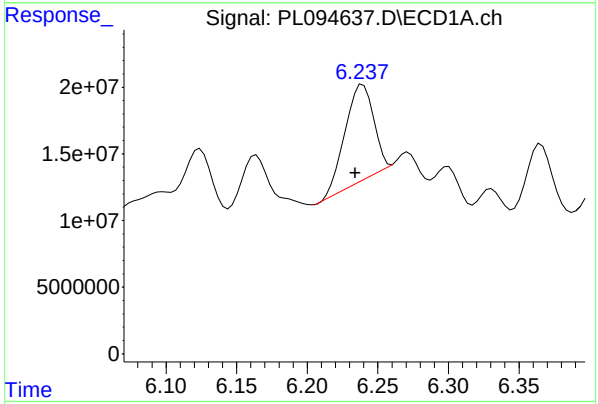
R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 59264154
Conc: 20.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-TXP-WP



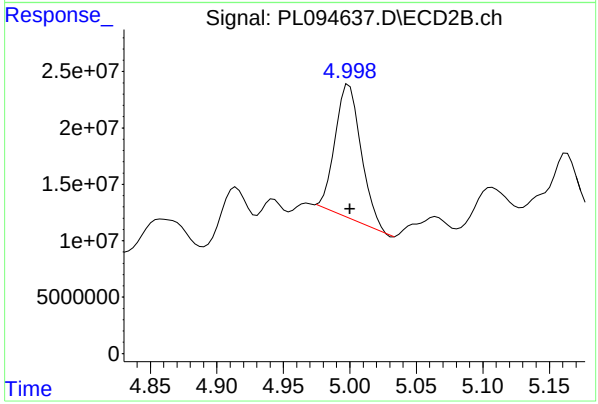
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 73745752
Conc: 20.15 ng/ml



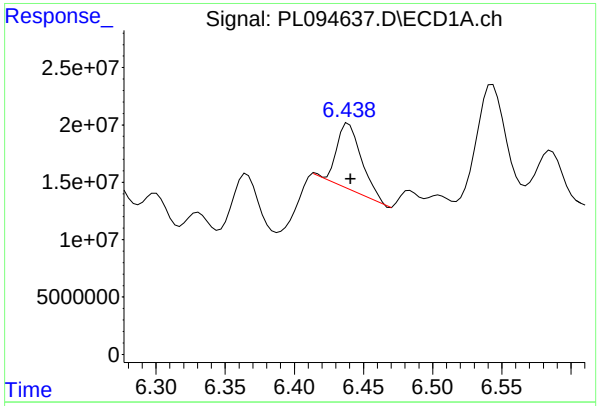
#2 Toxaphene-1

R.T.: 6.239 min
Delta R.T.: 0.005 min
Response: 100680140
Conc: 3880.50 ng/ml



#2 Toxaphene-1

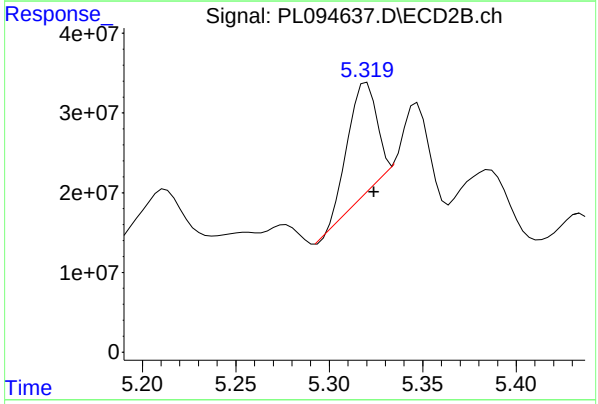
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 161818307
Conc: 6010.21 ng/ml



#3 Toxaphene-2

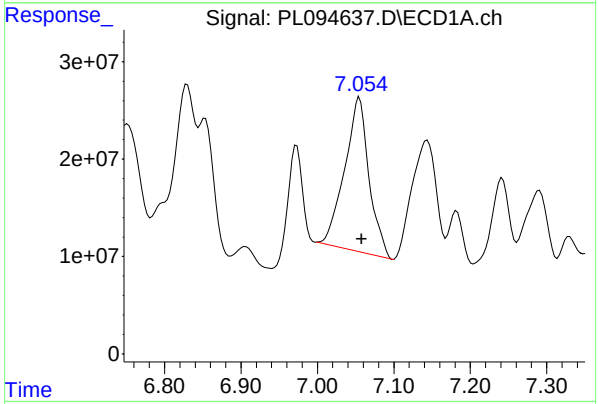
R.T.: 6.439 min
Delta R.T.: -0.002 min
Response: 72326912
Conc: 4417.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-TXP-WP



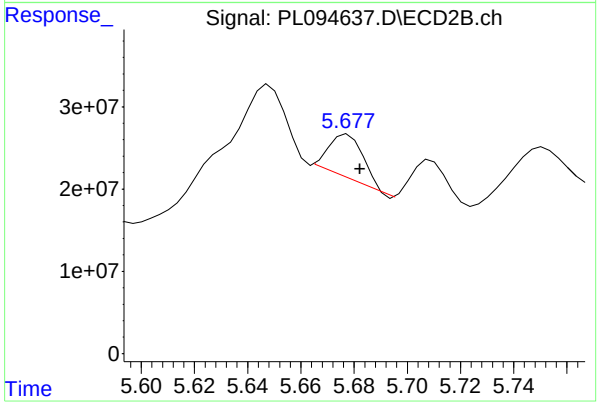
#3 Toxaphene-2

R.T.: 5.320 min
Delta R.T.: -0.004 min
Response: 145010137
Conc: 5586.12 ng/ml



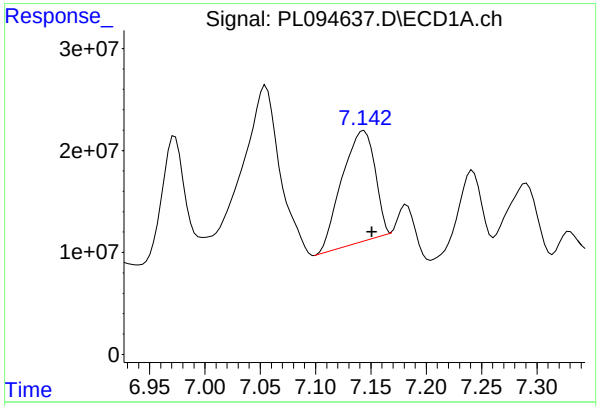
#4 Toxaphene-3

R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 352530422
Conc: 4217.58 ng/ml



#4 Toxaphene-3

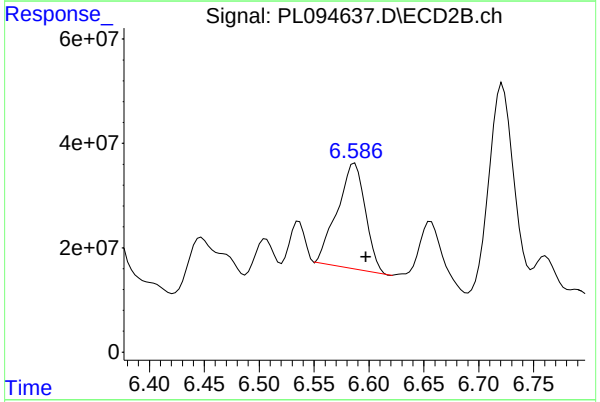
R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 47943355
Conc: 1715.44 ng/ml



#5 Toxaphene-4

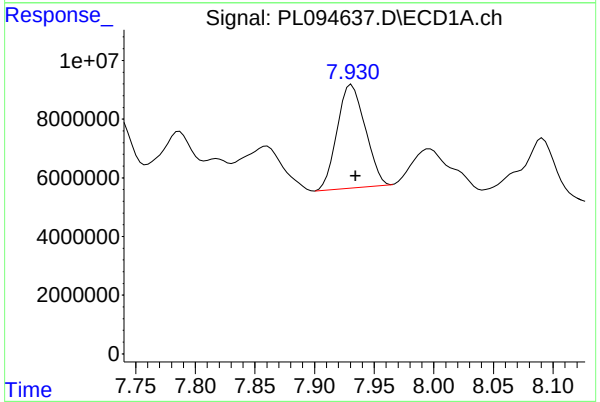
R.T.: 7.144 min
Delta R.T.: -0.007 min
Response: 225251568
Conc: 3554.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-TXP-WP



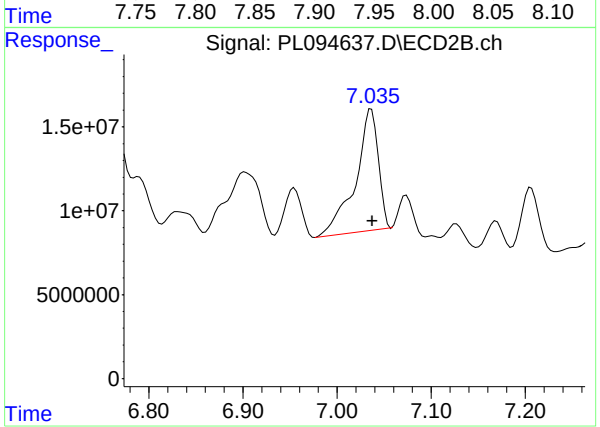
#5 Toxaphene-4

R.T.: 6.587 min
Delta R.T.: -0.010 min
Response: 359314590
Conc: 3713.37 ng/ml



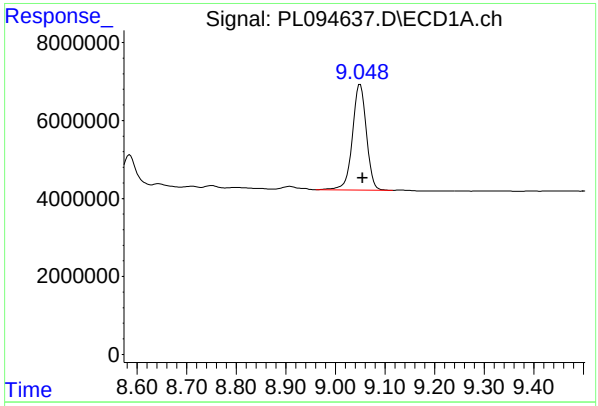
#6 Toxaphene-5

R.T.: 7.931 min
Delta R.T.: -0.004 min
Response: 57494584
Conc: 1271.65 ng/ml



#6 Toxaphene-5

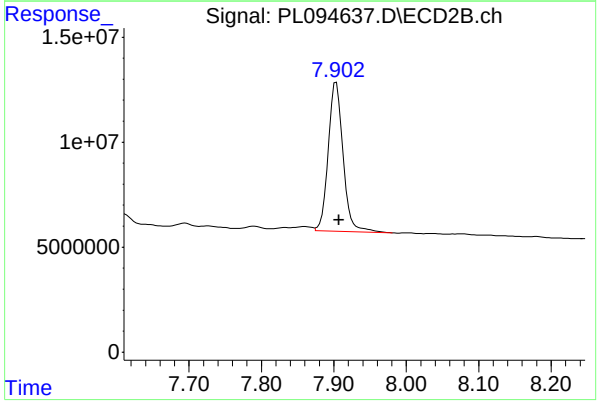
R.T.: 7.036 min
Delta R.T.: -0.001 min
Response: 121520156
Conc: 1322.14 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.006 mi
Response: 53176971
Conc: 24.68 ng/m

Instrument :
ECD_L
ClientSampleId :
PT-TXP-WP



#7 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 100540998
Conc: 23.87 ng/ml

Raw Data: **PL094638.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	03/03/25
Project:	NJ Waste Water PT	Date Received:	03/05/25
Client Sample ID:	PT-TXP-WPDL	SDG No.:	Q1502
Lab Sample ID:	Q1502-13DL	Matrix:	WATER
Analytical Method:	SW8081	% 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
PL094638.D	10	03/11/25 08:46	03/12/25 15:07	PB167087

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
8001-35-2	Toxaphene	38.3	D	1.70	10.0	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	27.8		43 - 140	139%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.3		77 - 126	112%	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_L\Data\PL031225\
Data File : PL094638.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 15:07
Operator : AR\AJ
Sample : Q1502-13DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PT-TXP-WPDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:41:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:54:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.536	2.771	6388414	7704525	2.230	2.105	
7)	SA Decachlor...	9.050	7.903	5997683	10261005	2.784	2.436	
	Target Compounds							
2)	Toxaphene-1	6.239	4.999	12274182	14278264	473.081	530.319	
3)	Toxaphene-2	6.439	5.321	7121247	14162377	434.926	545.567	#
4)	Toxaphene-3	7.054	5.678	39065712	4553884	467.372	162.940	#
5)	Toxaphene-4	7.142	6.587	25020888	31368004	394.857	324.176	
6)	Toxaphene-5	7.931	7.036	6442974	12003785	142.504	130.602	

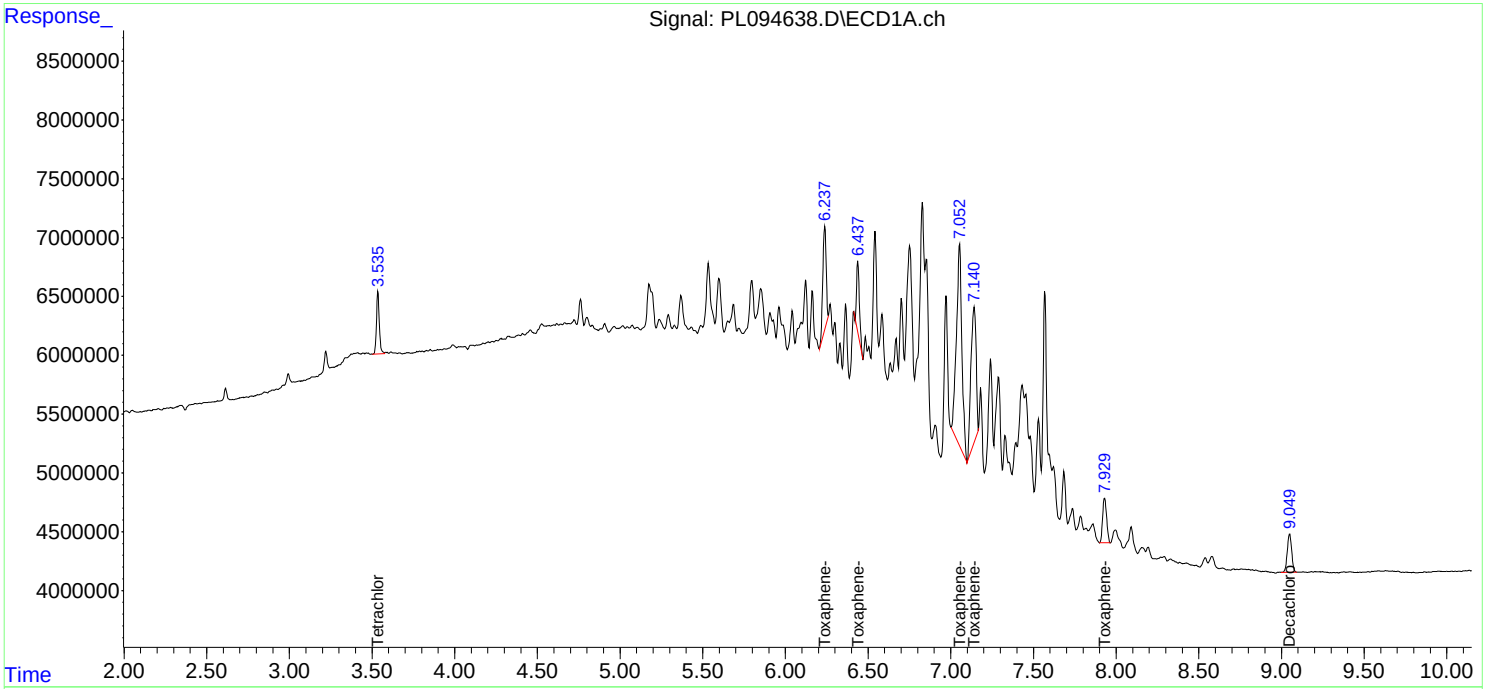
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

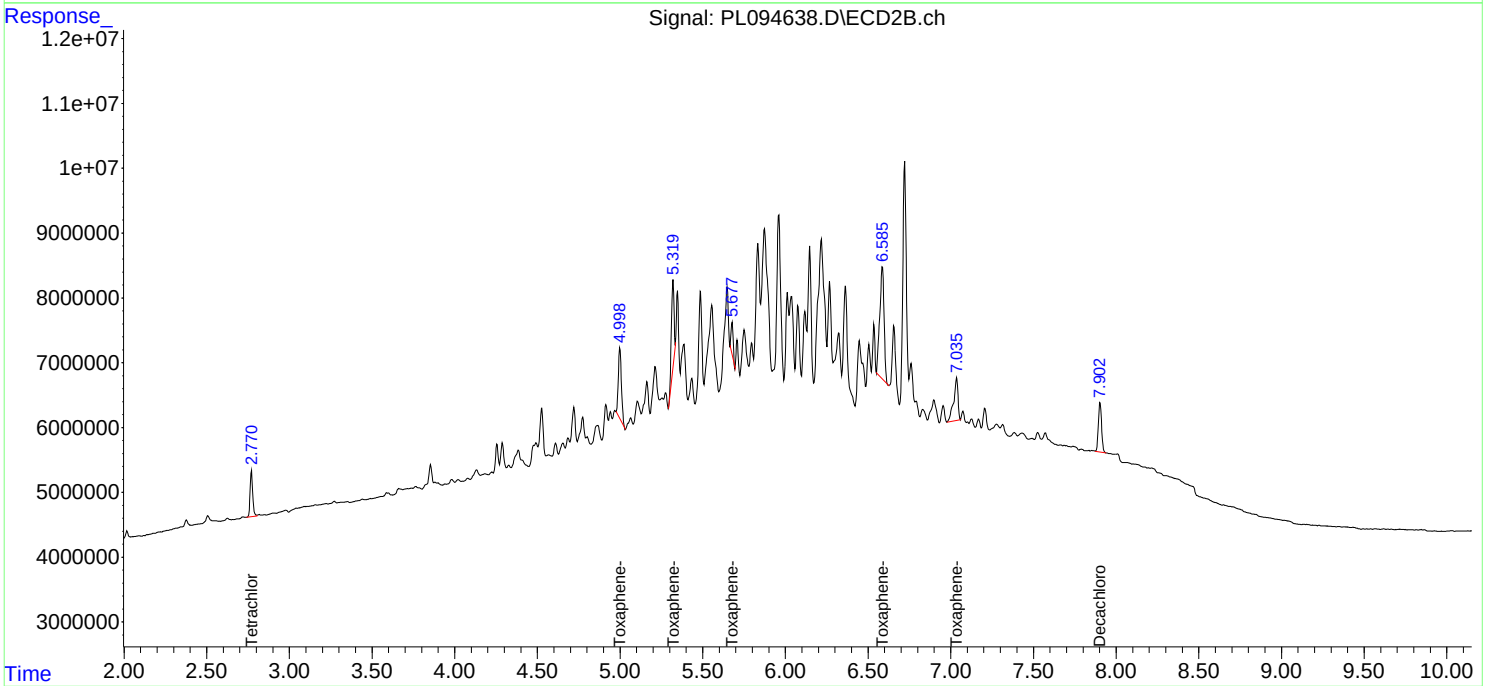
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094638.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 15:07
Operator : AR\AJ
Sample : Q1502-13DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

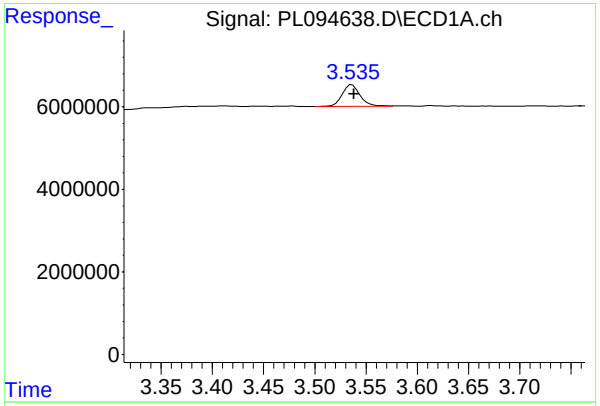
Instrument :
ECD_L
ClientSampleId :
PT-TXP-WPDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:41:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:54:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



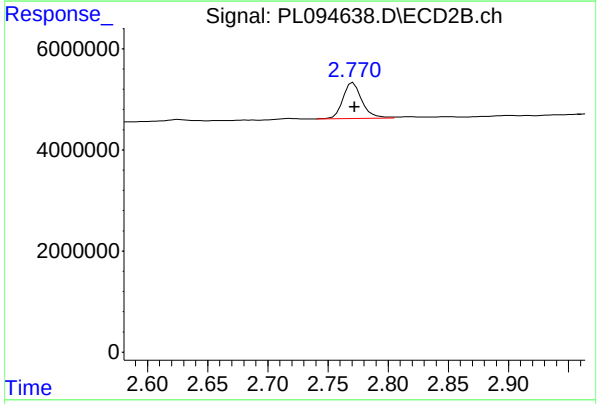




#1 Tetrachloro-m-xylene

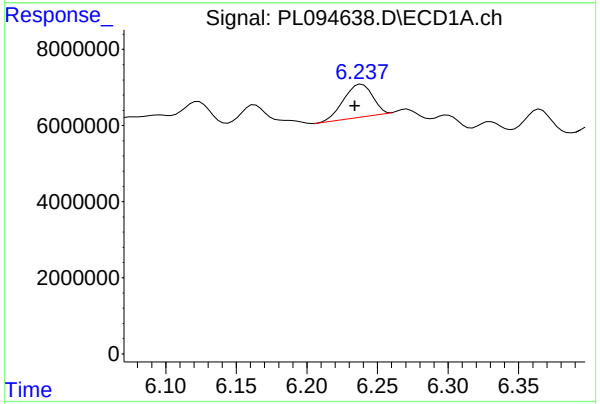
R.T.: 3.536 min
Delta R.T.: -0.002 mi
Response: 6388414
Conc: 2.23 ng/m

Instrument :
ECD_L
ClientSampleId :
PT-TXP-WPDL



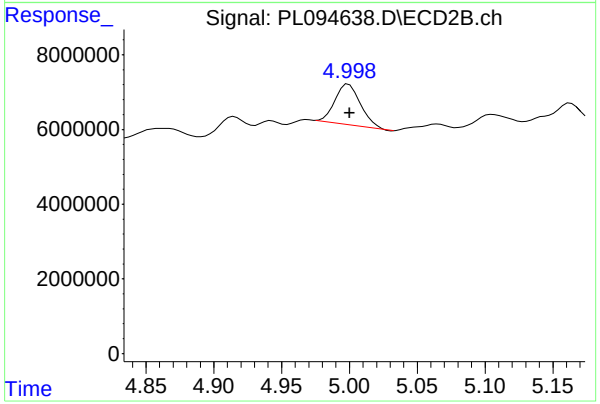
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 7704525
Conc: 2.11 ng/ml



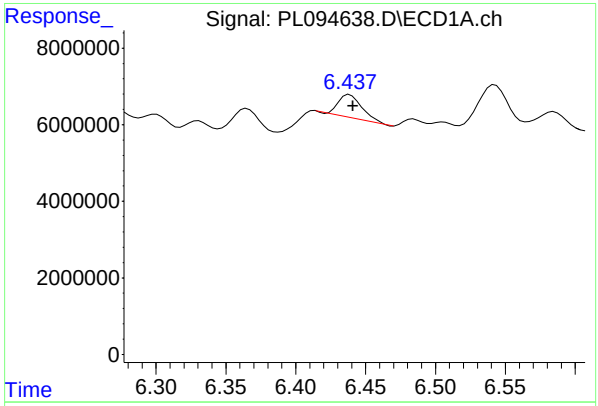
#2 Toxaphene-1

R.T.: 6.239 min
Delta R.T.: 0.005 min
Response: 12274182
Conc: 473.08 ng/ml



#2 Toxaphene-1

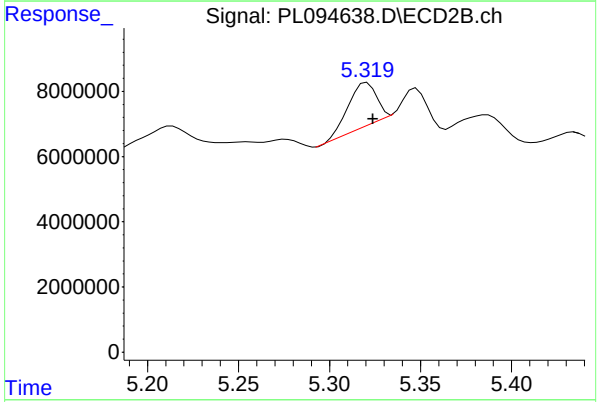
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 14278264
Conc: 530.32 ng/ml



#3 Toxaphene-2

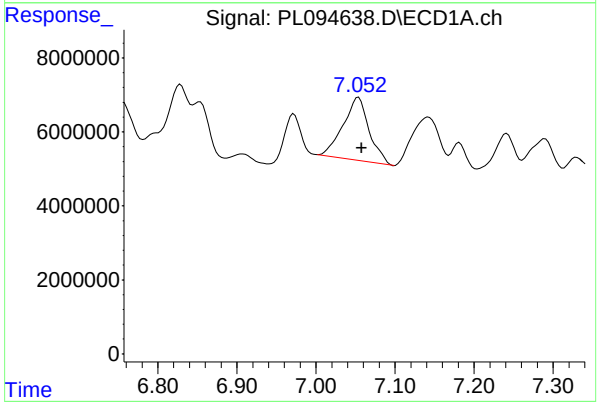
R.T.: 6.439 min
Delta R.T.: -0.002 min
Response: 7121247
Conc: 434.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-TXP-WPDL



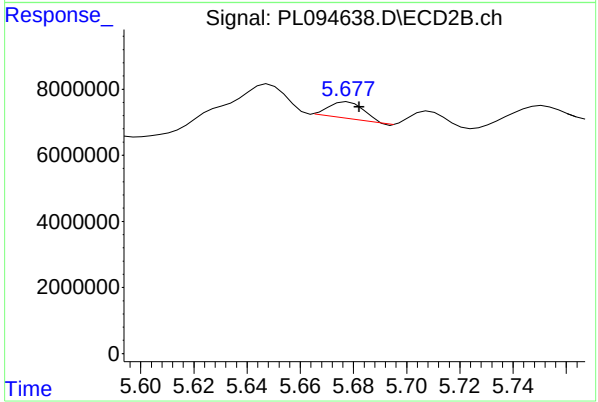
#3 Toxaphene-2

R.T.: 5.321 min
Delta R.T.: -0.003 min
Response: 14162377
Conc: 545.57 ng/ml



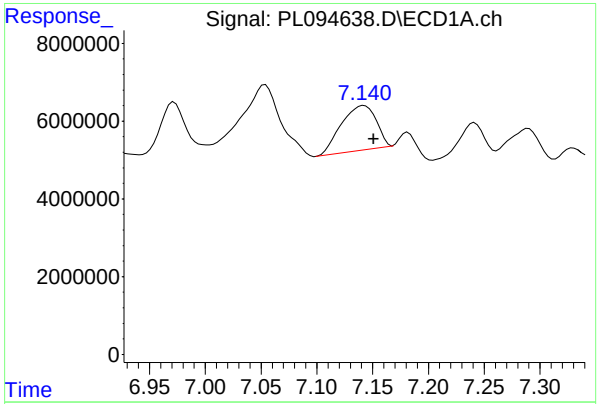
#4 Toxaphene-3

R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 39065712
Conc: 467.37 ng/ml



#4 Toxaphene-3

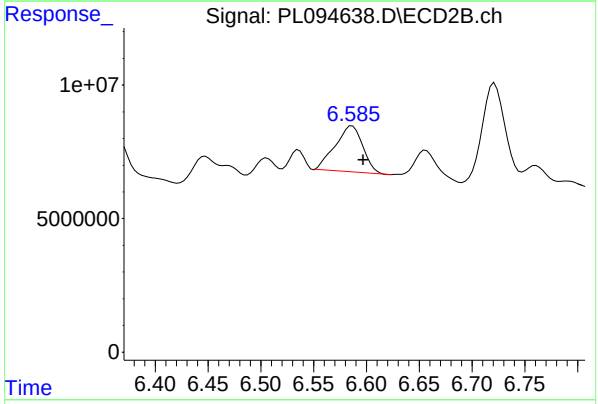
R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 4553884
Conc: 162.94 ng/ml



#5 Toxaphene-4

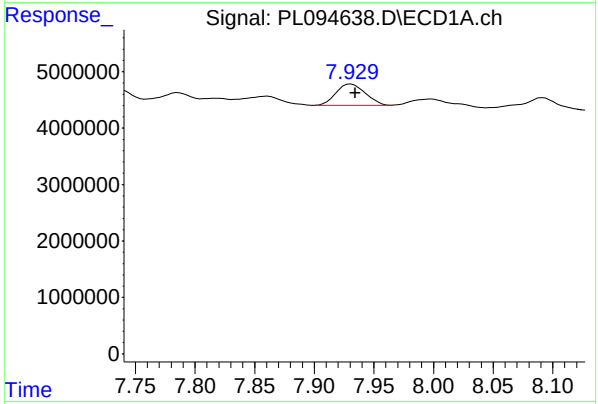
R.T.: 7.142 min
Delta R.T.: -0.009 min
Response: 25020888
Conc: 394.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-TXP-WPDL



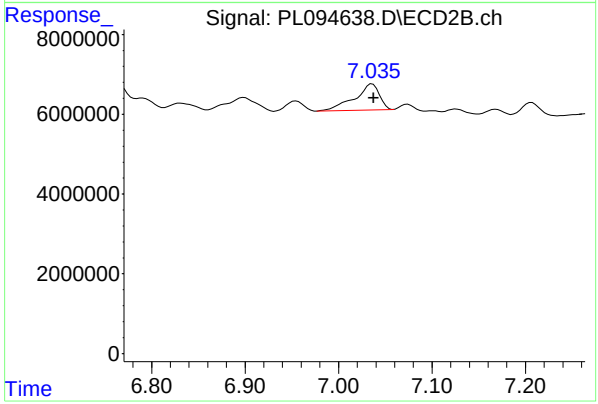
#5 Toxaphene-4

R.T.: 6.587 min
Delta R.T.: -0.011 min
Response: 31368004
Conc: 324.18 ng/ml



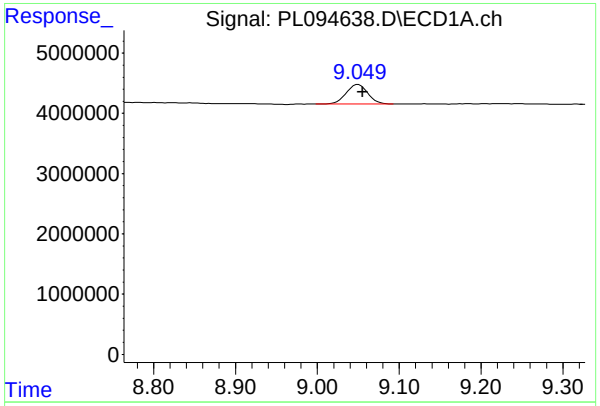
#6 Toxaphene-5

R.T.: 7.931 min
Delta R.T.: -0.004 min
Response: 6442974
Conc: 142.50 ng/ml



#6 Toxaphene-5

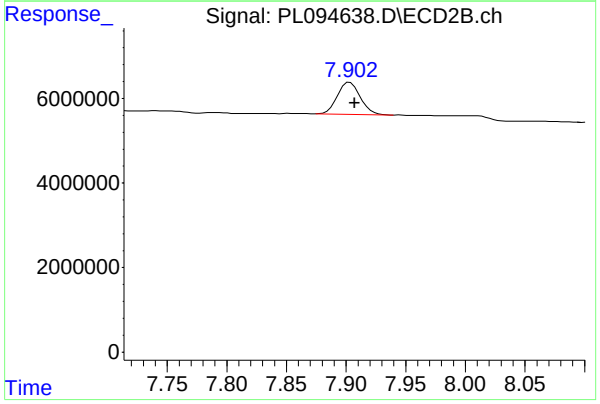
R.T.: 7.036 min
Delta R.T.: -0.001 min
Response: 12003785
Conc: 130.60 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.005 min
Response: 5997683
Conc: 2.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-TXP-WPDL



#7 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 10261005
Conc: 2.44 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_L **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 12:51 13:45

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

LAB FILE ID: RT 1000 = PL094579.D RT 750 = PL094580.D

RT 500 = PL094581.D RT 250 = PL094582.D RT 100 = PL094583.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 100	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl		9.06	9.06	9.05	9.06	9.06	9.06	8.96	9.16
Tetrachloro-m-xylene		3.54	3.54	3.54	3.54	3.54	3.54	3.44	3.64
Toxaphene-1	(1)	6.24	6.24	6.24	6.24	6.23	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)	7.06	7.06	7.06	7.06	7.06	7.06	6.96	7.16
Toxaphene-4	(4)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Toxaphene-5	(5)	7.93	7.93	7.93	7.93	7.94	7.93	7.83	8.03

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_L **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 12:51 13:45

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

LAB FILE ID: RT 1000 = PL094579.D RT 750 = PL094580.D

RT 500 = PL094581.D RT 250 = PL094582.D RT 100 = PL094583.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 100	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl		7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
Tetrachloro-m-xylene		2.77	2.77	2.77	2.77	2.77	2.77	2.67	2.87
Toxaphene-1	(1)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Toxaphene-2	(2)	5.32	5.32	5.32	5.32	5.32	5.32	5.22	5.42
Toxaphene-3	(3)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Toxaphene-4	(4)	6.60	6.60	6.60	6.60	6.60	6.60	6.50	6.70
Toxaphene-5	(5)	7.04	7.04	7.04	7.04	7.04	7.04	6.94	7.14

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_L **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 12:51 13:45

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

LAB FILE ID: **CF 1000 =** PL094579.D **CF 750 =** PL094580.D

CF 500 = PL094581.D **CF 250 =** PL094582.D **CF 100 =** PL094583.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 100	CF	% RSD
Decachlorobiphenyl		203411000	195939000	211091000	225722000	241127000	215458000	8
Tetrachloro-m-xylene		278117000	264031000	280555000	297454000	312355000	286502000	7
Toxaphene-1	(1)	25338800	24663700	25951700	28940500	24831200	25945200	7
Toxaphene-2	(2)	16039500	15655100	16397600	16257300	17517900	16373500	4
Toxaphene-3	(3)	80001000	76214600	82030600	87531700	92151700	83585900	8
Toxaphene-4	(4)	59197400	57470200	62943200	66372300	70852000	63367000	9
Toxaphene-5	(5)	43712200	42062200	45040400	47003500	48245300	45212700	5

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_L **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 12:51 13:45

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

LAB FILE ID: **CF 1000 =** PL094579.D **CF 750 =** PL094580.D

CF 500 = PL094581.D **CF 250 =** PL094582.D **CF 100 =** PL094583.D

COMPOUND	CF 1000	CF 750	CF 500	CF 250	CF 100	CF	% RSD
Decachlorobiphenyl	424242000	400594000	420669000	427224000	433029000	421151000	3
Tetrachloro-m-xylene	372193000	349035000	363038000	368645000	376826000	365947000	3
Toxaphene-1 (1)	26300300	25333900	26020300	27481600	29483400	26923900	6
Toxaphene-2 (2)	26308100	23976600	25489100	26705900	27315400	25959000	5
Toxaphene-3 (3)	28628000	27232500	28236400	27565400	28078800	27948200	2
Toxaphene-4 (4)	104821000	96917200	96540400	96935800	88597200	96762400	6
Toxaphene-5 (5)	96010300	88920500	93337600	90962800	90325600	91911400	3

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 12:51
Operator : AR\AJ
Sample : PTOXICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:49:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:48:02 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.538	2.772	278.1E6	372.2E6	99.564	101.245
7)	SA Decachlor...	9.056	7.907	203.4E6	424.2E6	98.147	100.423
	Target Compounds						
2)	Toxaphene-1	6.237	4.998	25338784	26300294	988.049	1005.351
3)	Toxaphene-2	6.441	5.323	16039516	26308105	988.962	1015.811
4)	Toxaphene-3	7.059	5.682	80001000	28627982	987.474	1006.886
5)	Toxaphene-4	7.150	6.597	59197385	104.8E6	969.332	1041.126
6)	Toxaphene-5	7.934	7.037	43712155	96010279	985.034	1014.115

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

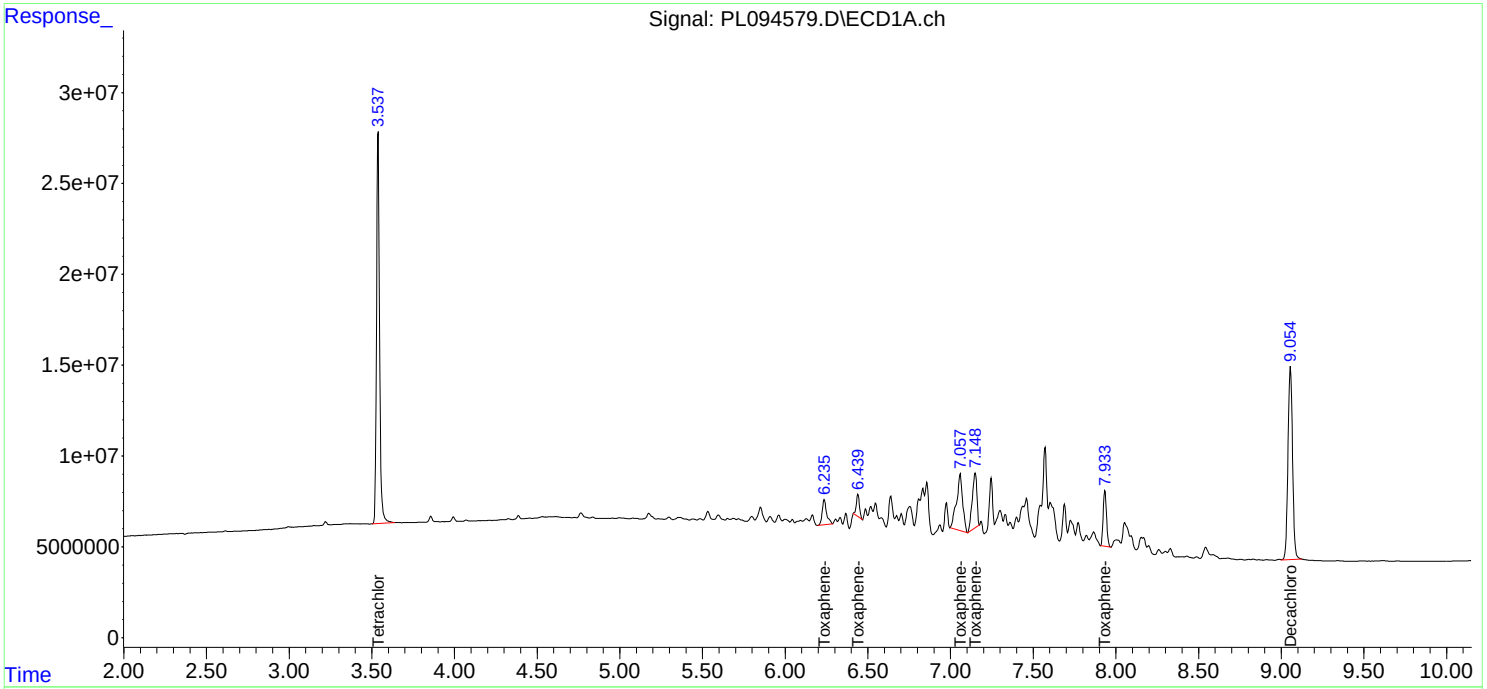
ICAL Form

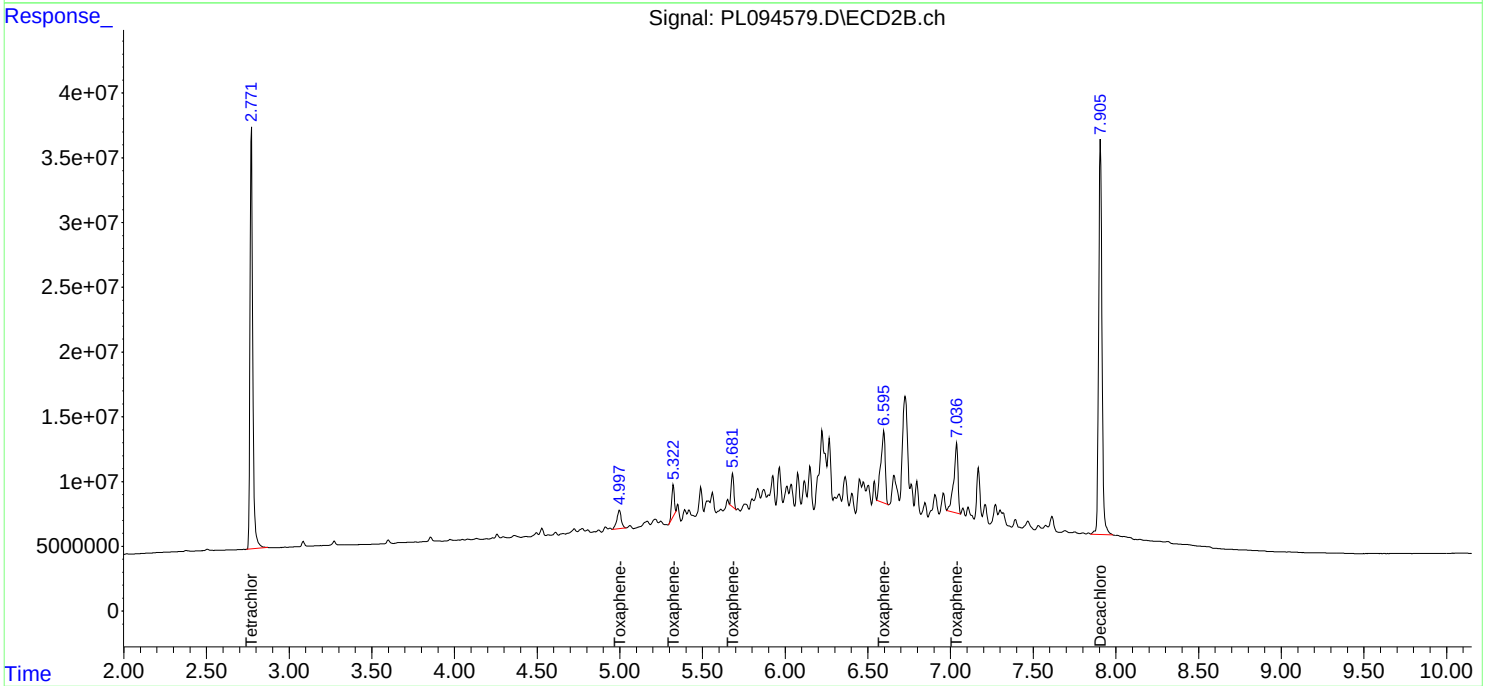
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 12:51
Operator : AR\AJ
Sample : PTOXICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

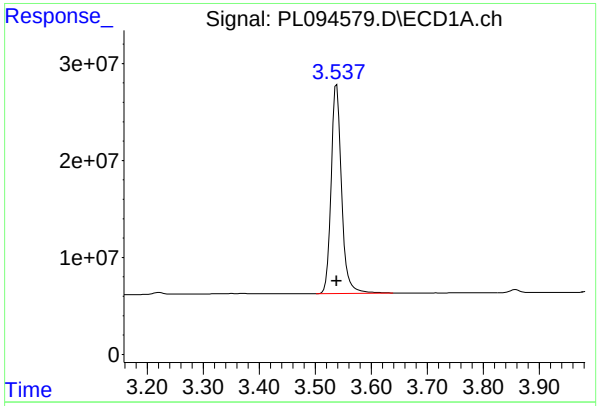
Instrument :
ECD_L
ClientSampleId :
PTOXICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:49:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:48:02 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



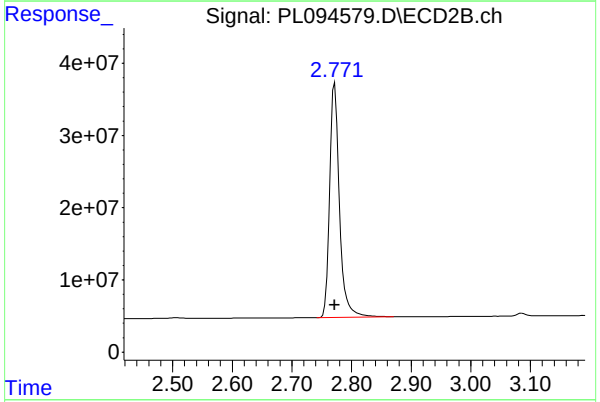




#1 Tetrachloro-m-xylene

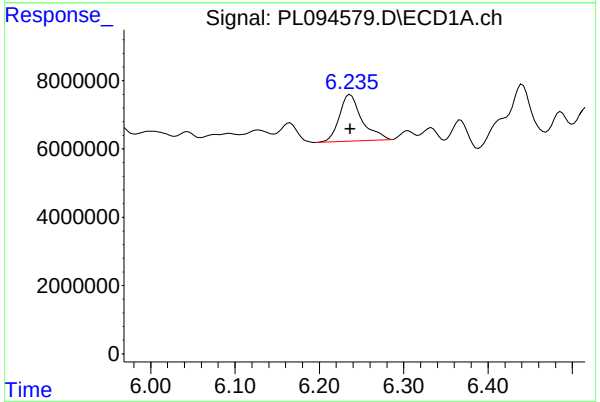
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 278116868
Conc: 99.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC1000



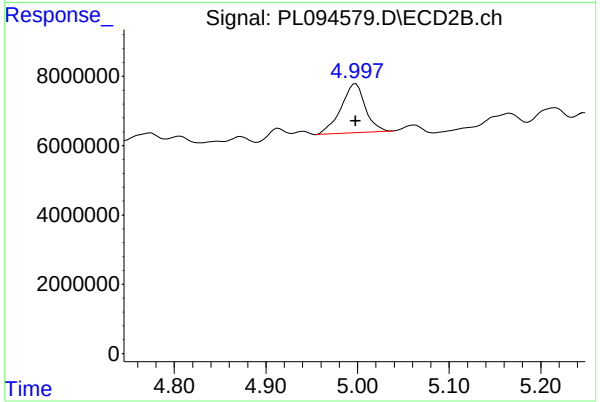
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 372193478
Conc: 101.25 ng/ml



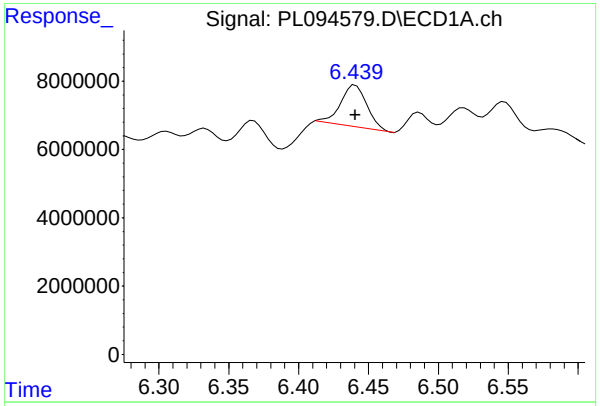
#2 Toxaphene-1

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 25338784
Conc: 988.05 ng/ml



#2 Toxaphene-1

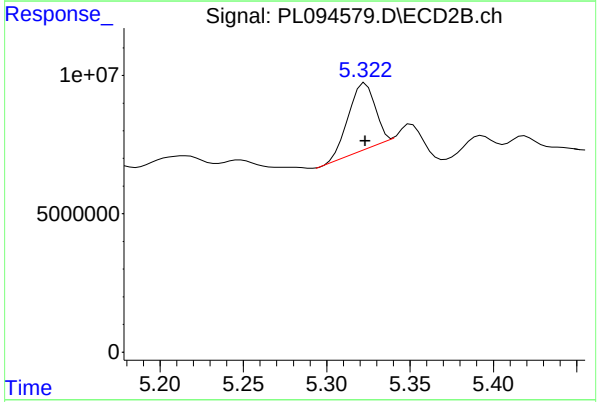
R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 26300294
Conc: 1005.35 ng/ml



#3 Toxaphene-2

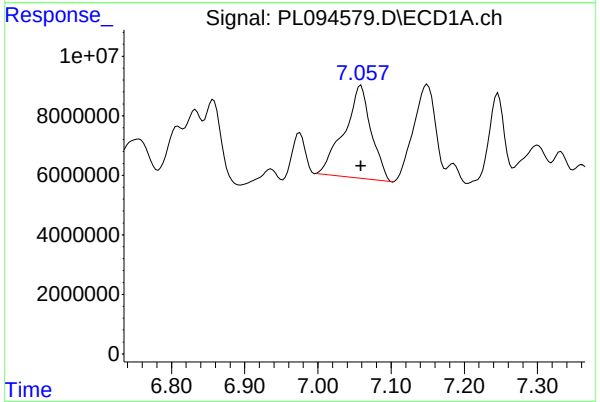
R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 16039516
Conc: 988.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC1000



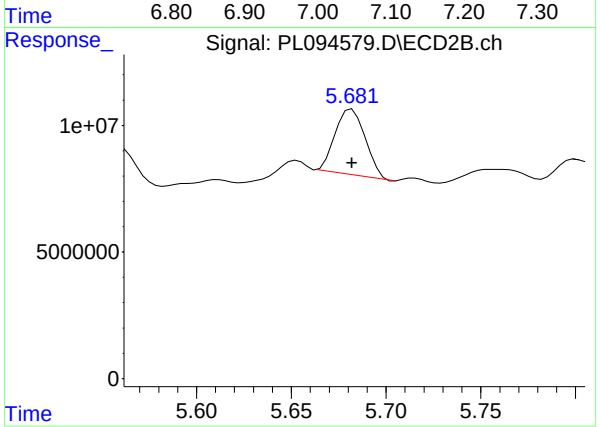
#3 Toxaphene-2

R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 26308105
Conc: 1015.81 ng/ml



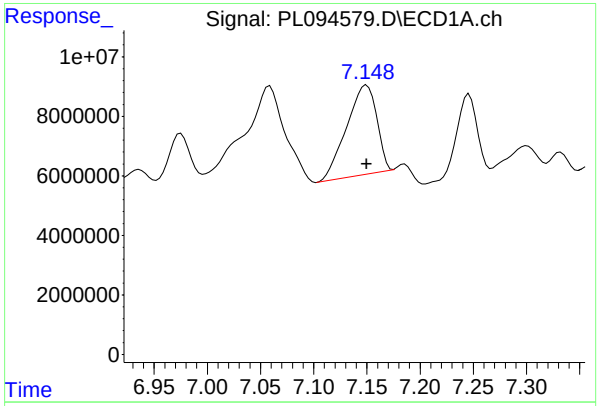
#4 Toxaphene-3

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 80001000
Conc: 987.47 ng/ml



#4 Toxaphene-3

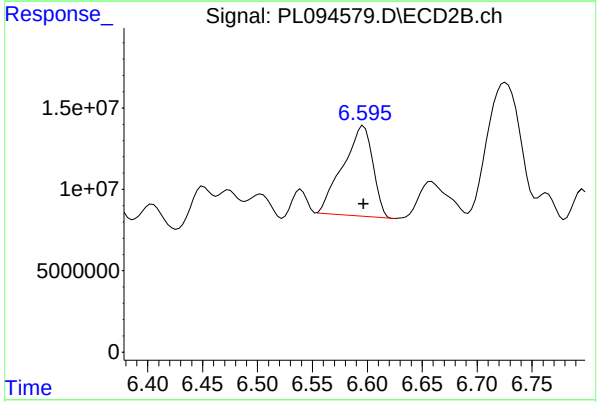
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 28627982
Conc: 1006.89 ng/ml



#5 Toxaphene-4

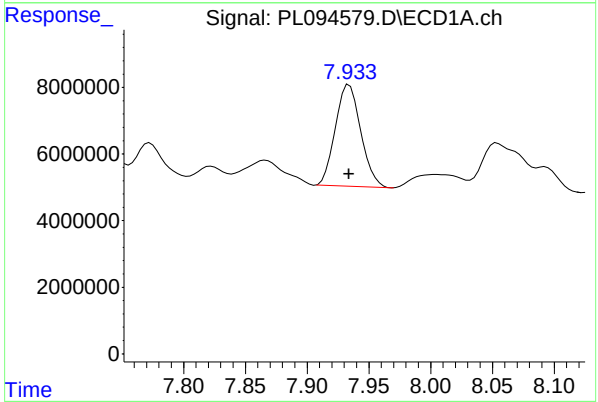
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 59197385
Conc: 969.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC1000



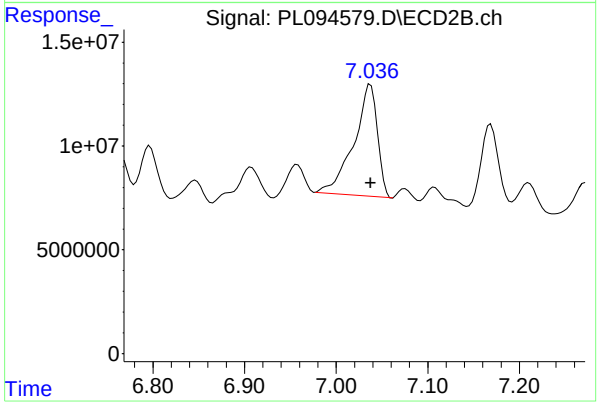
#5 Toxaphene-4

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 104821487
Conc: 1041.13 ng/ml



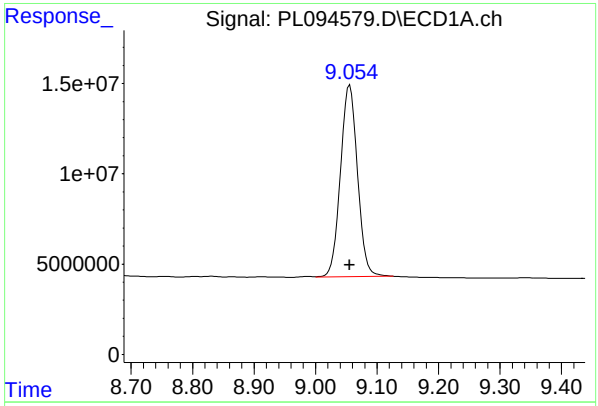
#6 Toxaphene-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 43712155
Conc: 985.03 ng/ml



#6 Toxaphene-5

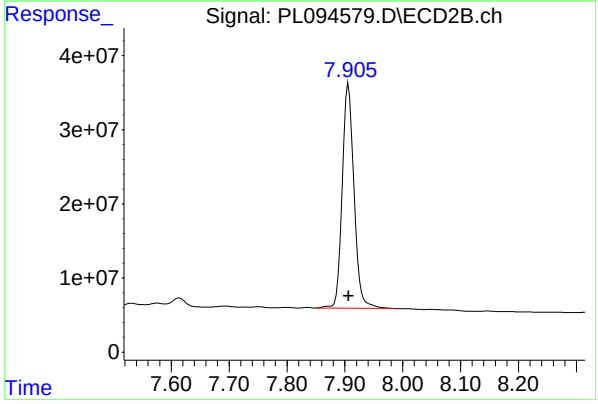
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 96010279
Conc: 1014.12 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 203411029
Conc: 98.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC1000



#7 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 424241692
Conc: 100.42 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 13:04
Operator : AR\AJ
Sample : PTOXICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:50:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:48:02 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.538	2.772	198.0E6	261.8E6	72.209	72.430
7) SA	Decachlor...	9.055	7.907	147.0E6	300.4E6	72.220	72.367
	Target Compounds						
2)	Toxaphene-1	6.236	4.998	18497768	19000414	730.615	734.036
3)	Toxaphene-2	6.441	5.324	11741346	17982430	732.427	711.952
4)	Toxaphene-3	7.058	5.681	57160986	20424341	719.772	728.601
5)	Toxaphene-4	7.149	6.597	43102634	72687868	719.934	731.073
6)	Toxaphene-5	7.933	7.038	31546640	66690404	723.465	718.986

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

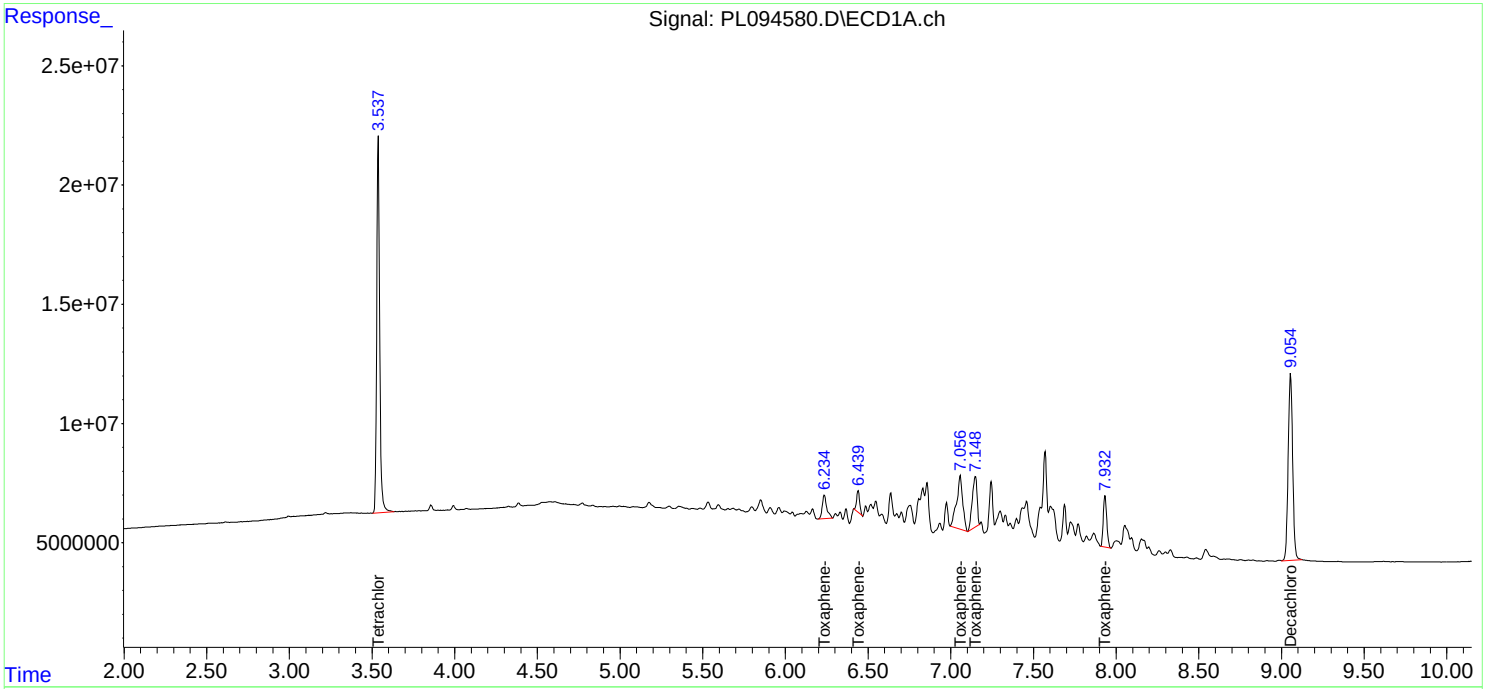
ICAL Form

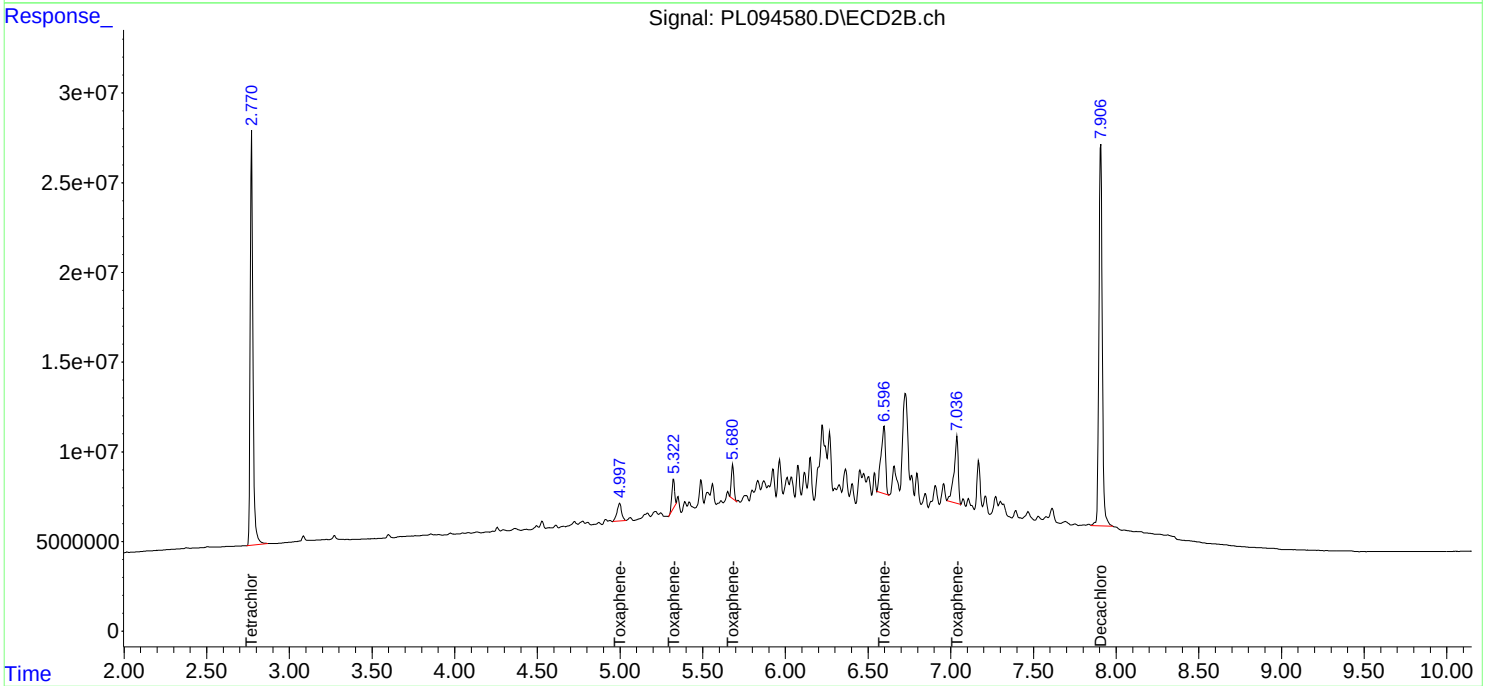
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 13:04
Operator : AR\AJ
Sample : PTOXICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

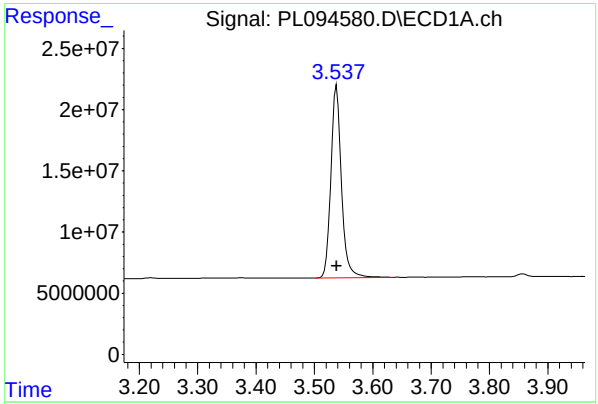
Instrument :
ECD_L
ClientSampleId :
PTOXICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:50:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:48:02 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



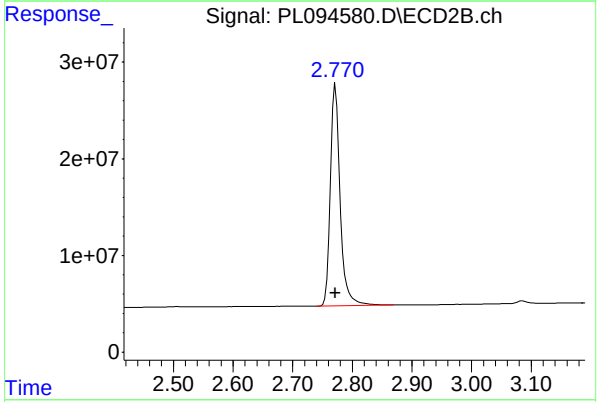




#1 Tetrachloro-m-xylene

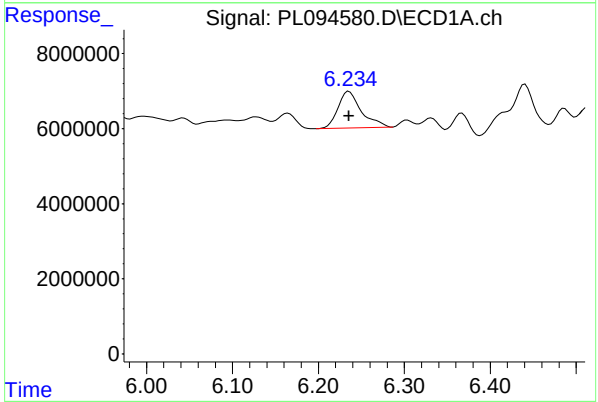
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 198022914
Conc: 72.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC750



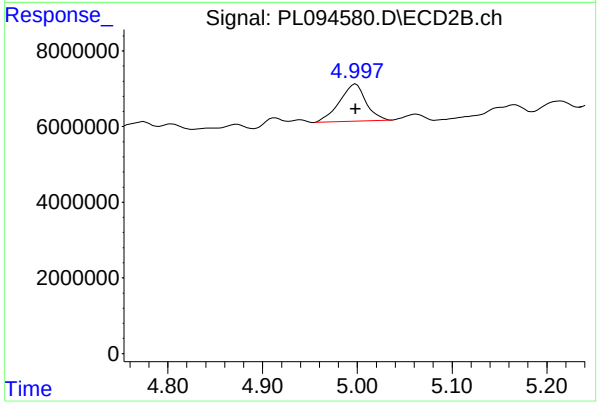
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 261776291
Conc: 72.43 ng/ml



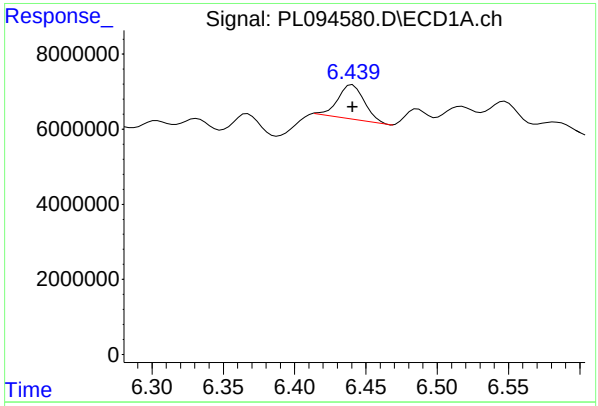
#2 Toxaphene-1

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 18497768
Conc: 730.62 ng/ml



#2 Toxaphene-1

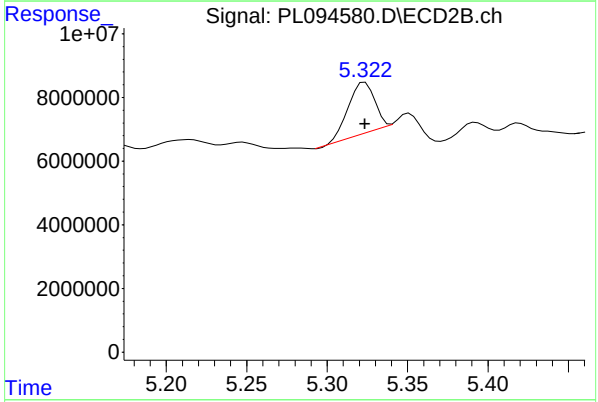
R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 19000414
Conc: 734.04 ng/ml



#3 Toxaphene-2

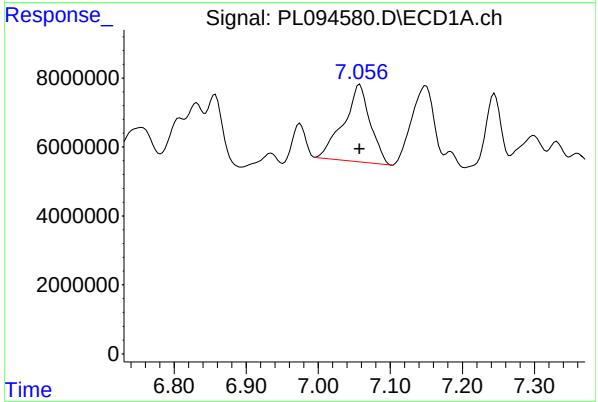
R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 11741346
Conc: 732.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC750



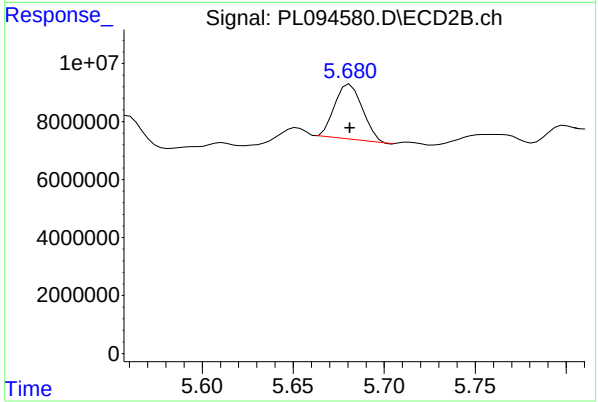
#3 Toxaphene-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 17982430
Conc: 711.95 ng/ml



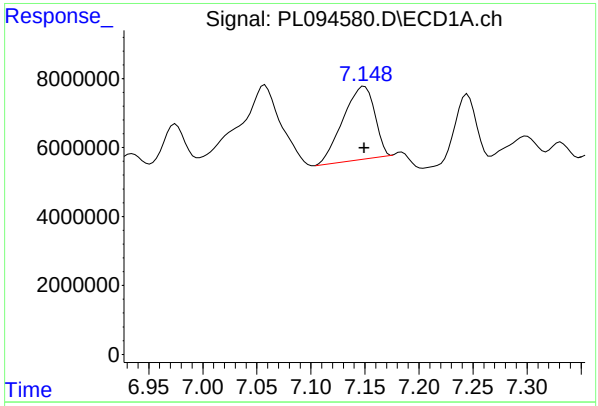
#4 Toxaphene-3

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 57160986
Conc: 719.77 ng/ml



#4 Toxaphene-3

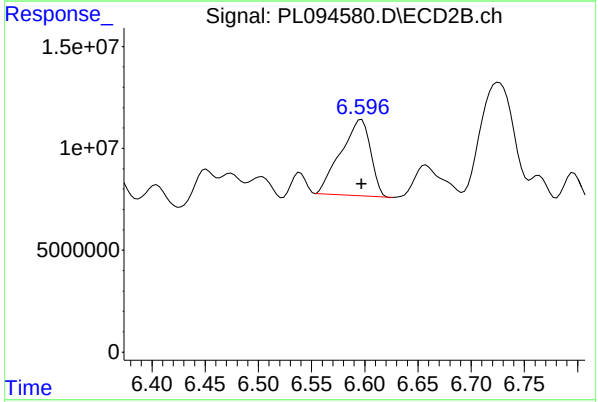
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 20424341
Conc: 728.60 ng/ml



#5 Toxaphene-4

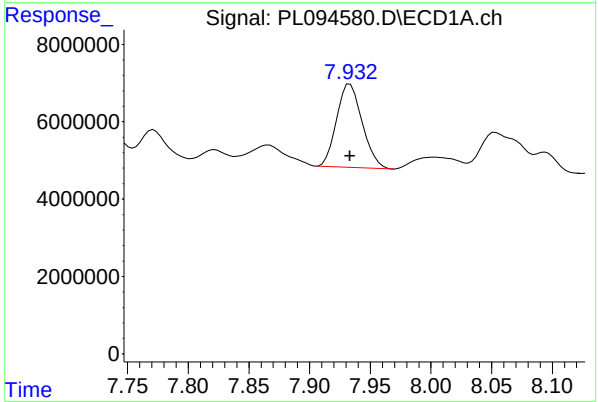
R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 43102634
Conc: 719.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC750



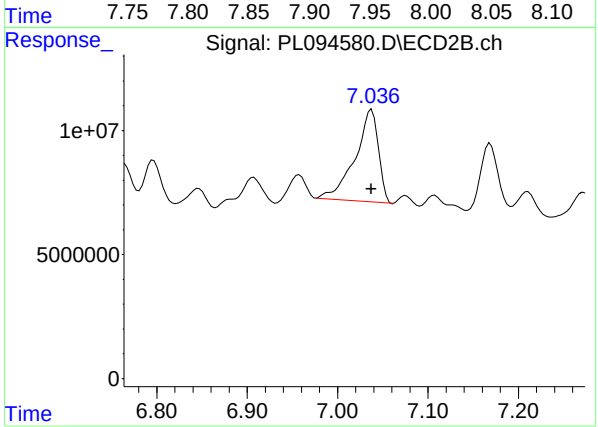
#5 Toxaphene-4

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 72687868
Conc: 731.07 ng/ml



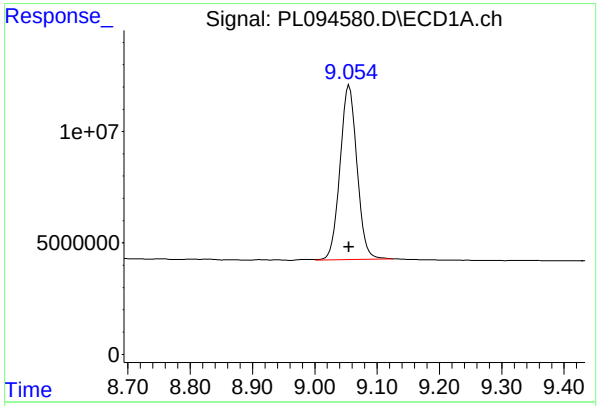
#6 Toxaphene-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 31546640
Conc: 723.47 ng/ml



#6 Toxaphene-5

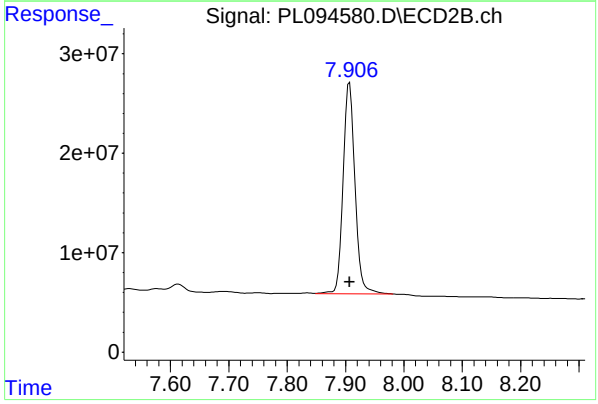
R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 66690404
Conc: 718.99 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 mi
Response: 146954590
Conc: 72.22 ng/m

Instrument :
ECD_L
ClientSampleId :
PTOXICC750



#7 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 300445208
Conc: 72.37 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 13:18
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:48:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:48:02 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.538	2.772	140.3E6	181.5E6	50.000	50.000
7)	SA Decachlor...	9.054	7.907	105.5E6	210.3E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.236	4.999	12975869	13010166	500.000	500.000
3)	Toxaphene-2	6.441	5.324	8198781	12744567	500.000	500.000
4)	Toxaphene-3	7.059	5.682	41015316	14118201	500.000	500.000
5)	Toxaphene-4	7.149	6.596	31471621	48270189	500.000	500.000
6)	Toxaphene-5	7.934	7.038	22520220	46668809	500.000	500.000

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

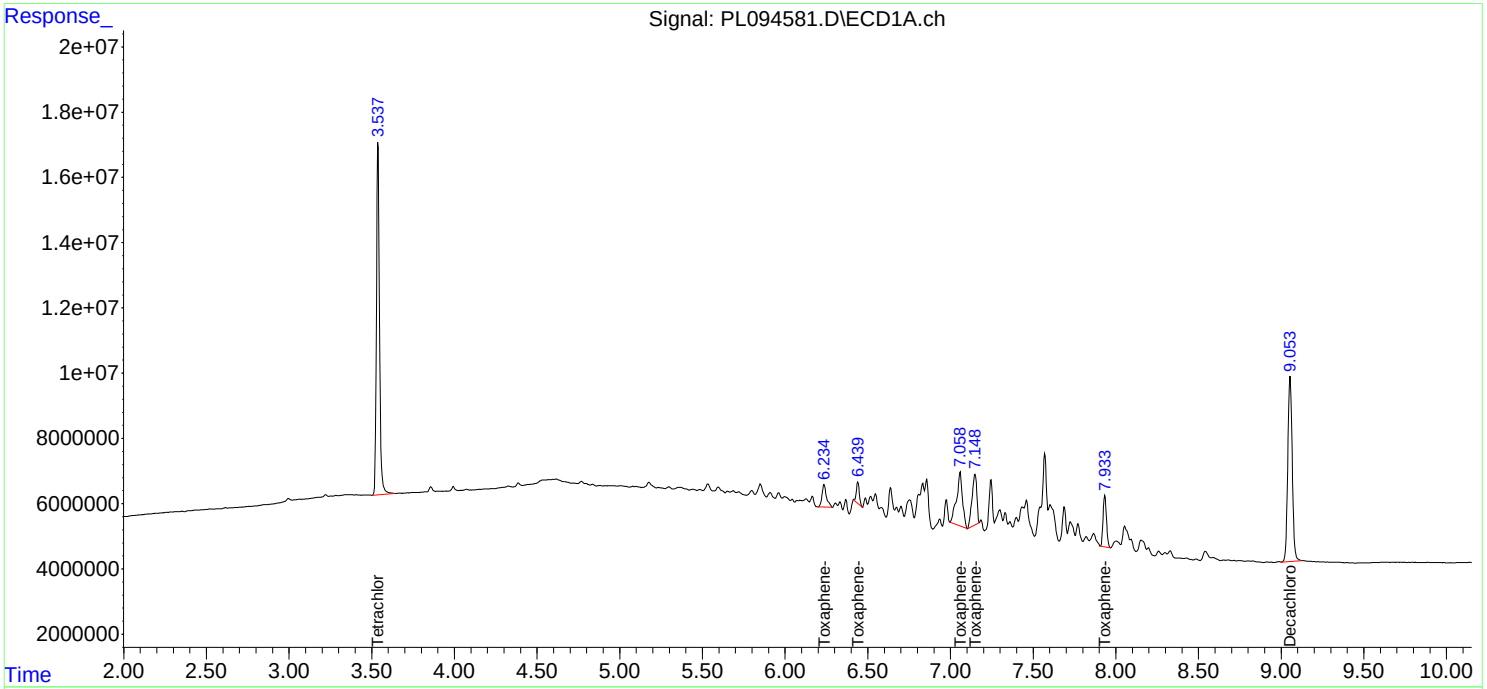
ICAL Form

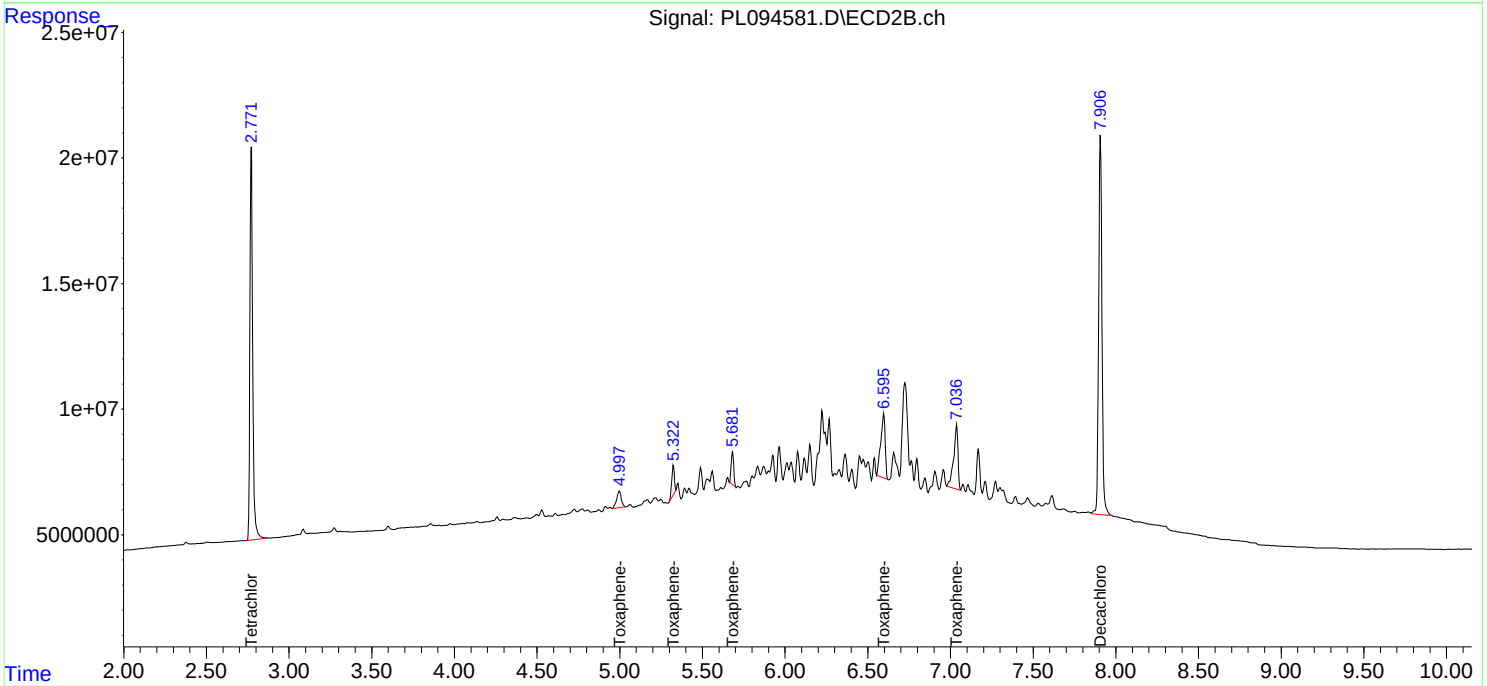
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 13:18
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

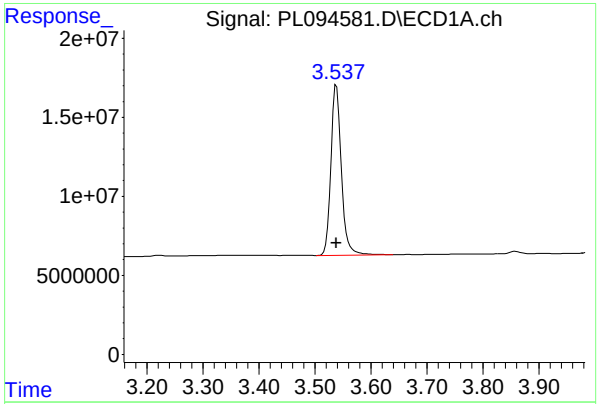
Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:48:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:48:02 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



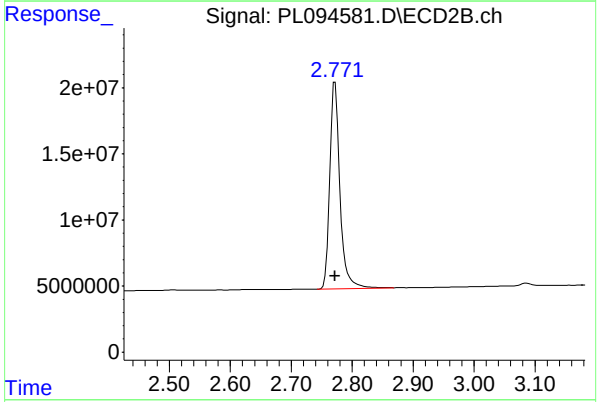




#1 Tetrachloro-m-xylene

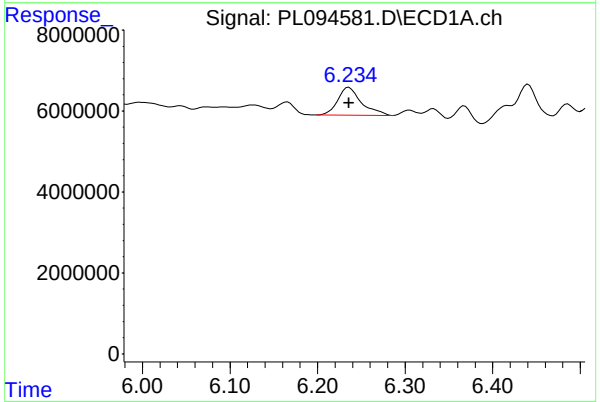
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 140277499
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC500



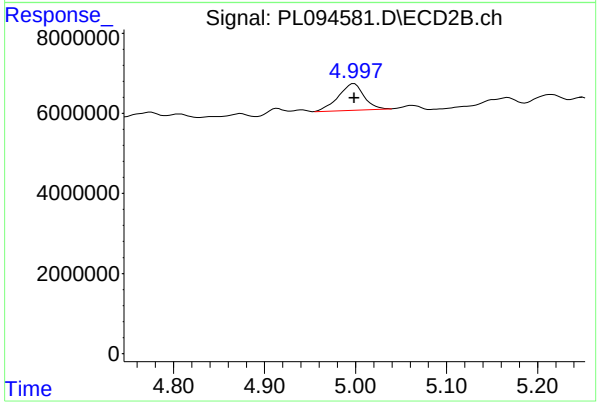
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 181518995
Conc: 50.00 ng/ml



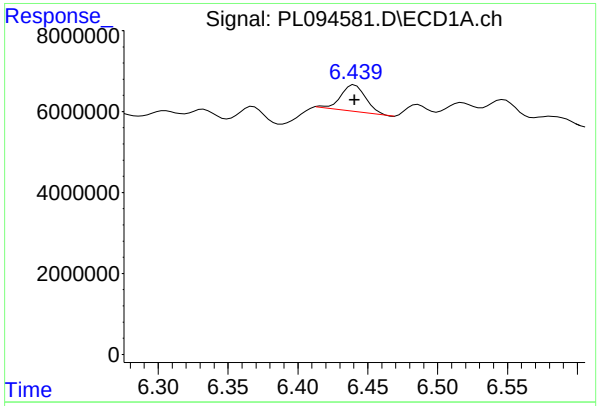
#2 Toxaphene-1

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 12975869
Conc: 500.00 ng/ml



#2 Toxaphene-1

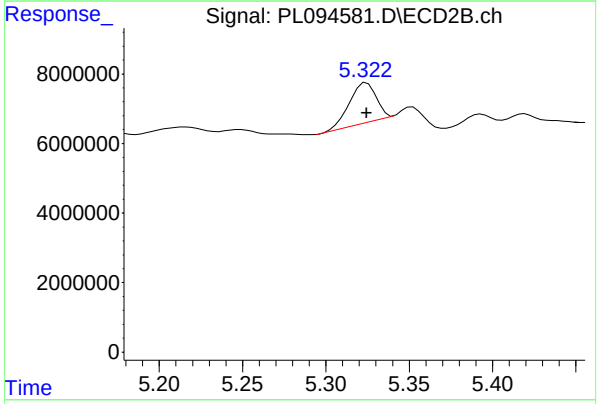
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 13010166
Conc: 500.00 ng/ml



#3 Toxaphene-2

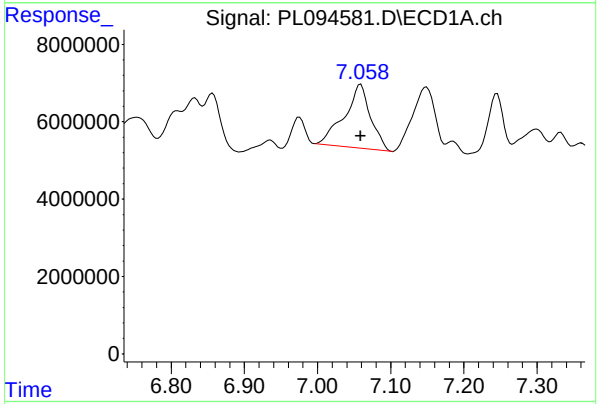
R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 8198781
Conc: 500.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC500



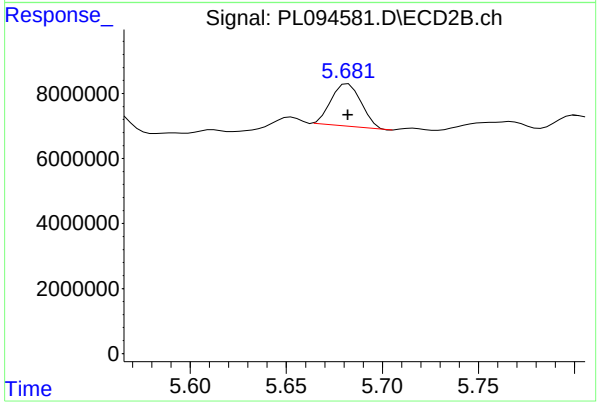
#3 Toxaphene-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 12744567
Conc: 500.00 ng/ml



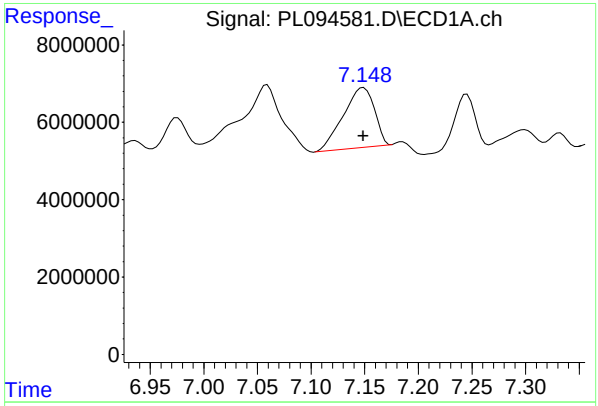
#4 Toxaphene-3

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 41015316
Conc: 500.00 ng/ml



#4 Toxaphene-3

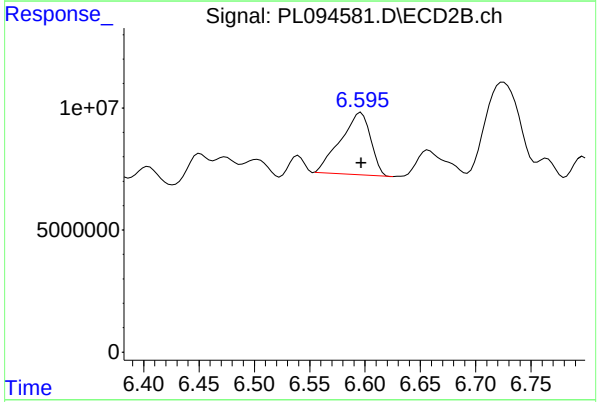
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 14118201
Conc: 500.00 ng/ml



#5 Toxaphene-4

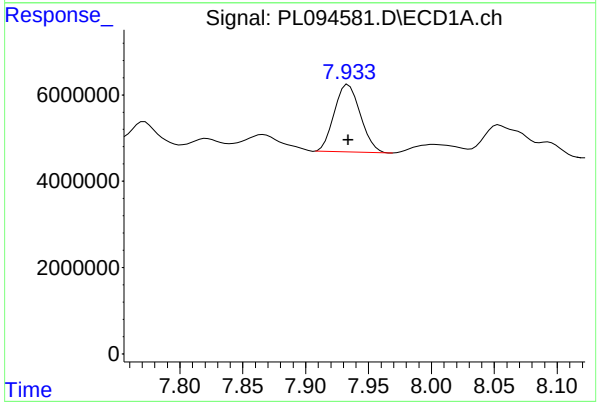
R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 31471621
Conc: 500.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC500



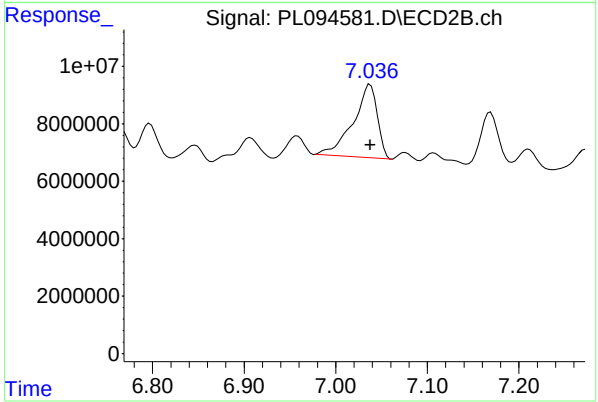
#5 Toxaphene-4

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 48270189
Conc: 500.00 ng/ml



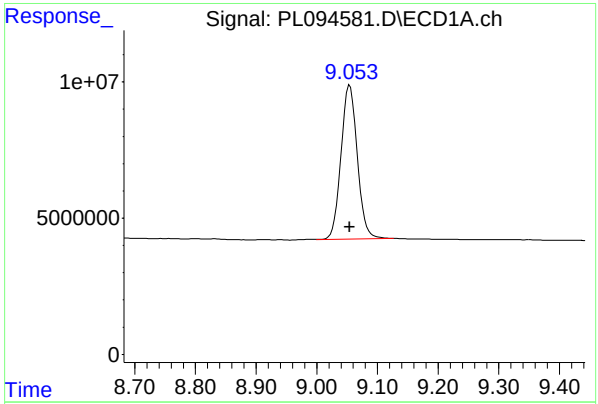
#6 Toxaphene-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 22520220
Conc: 500.00 ng/ml



#6 Toxaphene-5

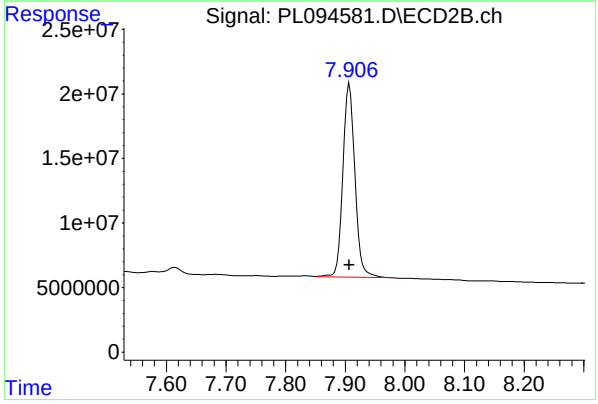
R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 46668809
Conc: 500.00 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 mi
Response: 105545490
Conc: 50.00 ng/m

Instrument :
ECD_L
ClientSampleId :
PTOXICC500



#7 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 210334351
Conc: 50.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094582.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 13:31
Operator : AR\AJ
Sample : PTOXICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC250

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:52:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:48:02 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.538	2.772	74363540	92161313	26.555	25.373
7)	SA Decachlor...	9.055	7.907	56430596	106.8E6	26.995	25.541
	Target Compounds						
2)	Toxaphene-1	6.236	5.000	7235115	6870390	275.900	261.390
3)	Toxaphene-2	6.439	5.324	4064332	6676470	255.491m	260.597
4)	Toxaphene-3	7.058	5.682	21882914	6891360	268.685	246.864
5)	Toxaphene-4	7.149	6.597	16593075	24233951	269.825	245.274
6)	Toxaphene-5	7.934	7.038	11750870	22740706	264.334	246.357

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094582.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 13:31
Operator : AR\AJ
Sample : PTOXICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

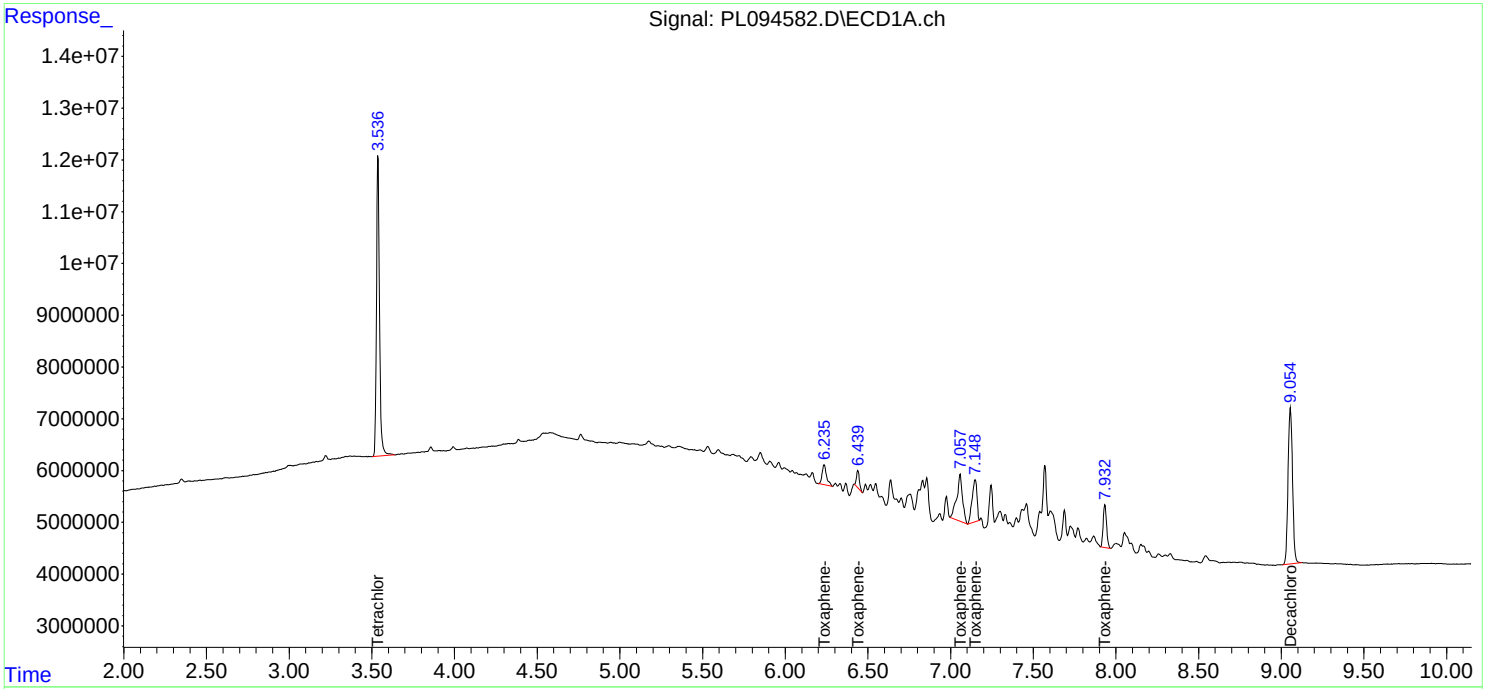
Instrument :
ECD_L
ClientSampleId :
PTOXICC250

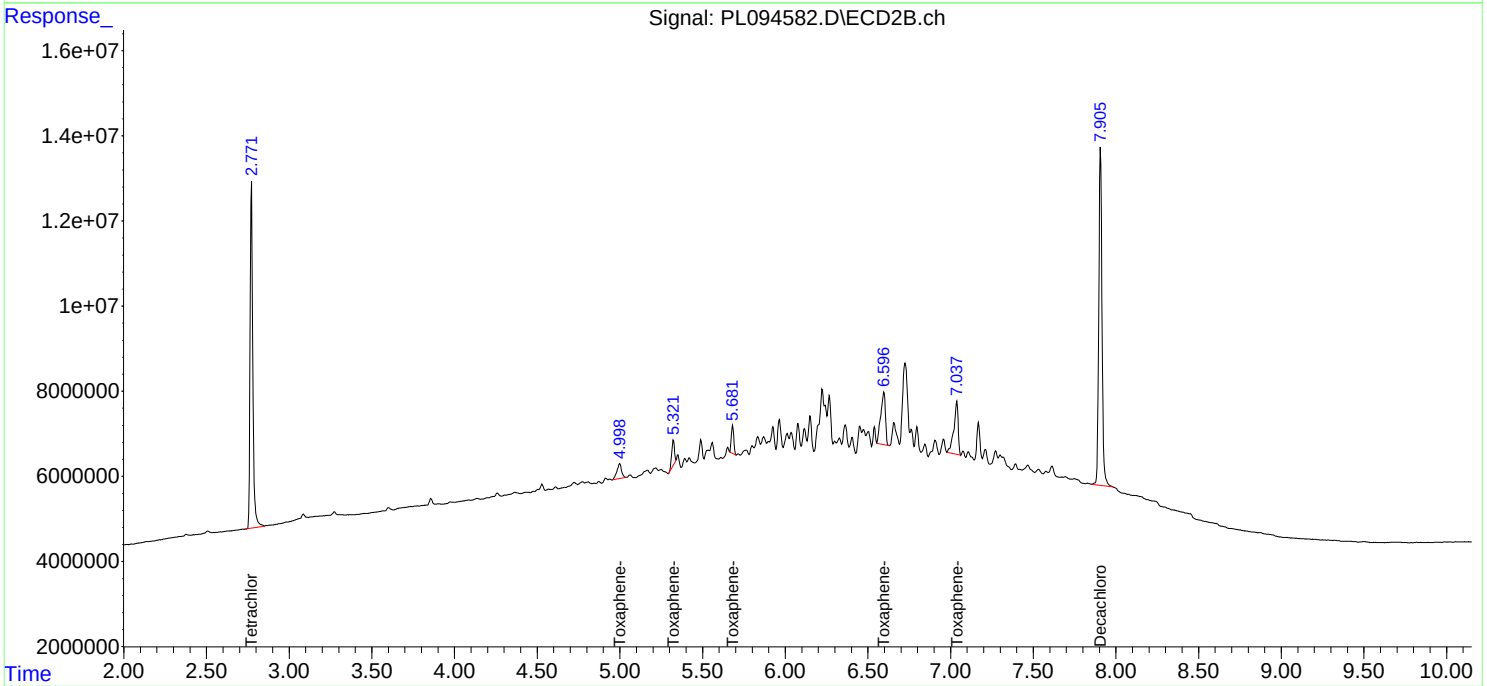
Manual Integrations APPROVED

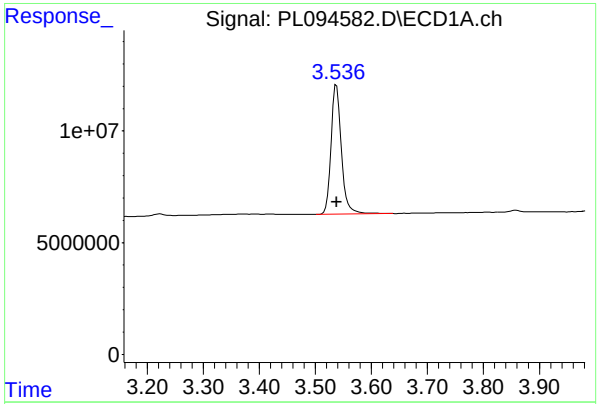
Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:52:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:48:02 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm







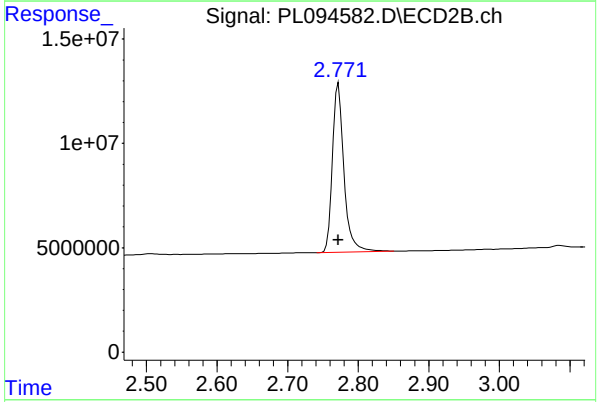
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 74363540
Conc: 26.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC250

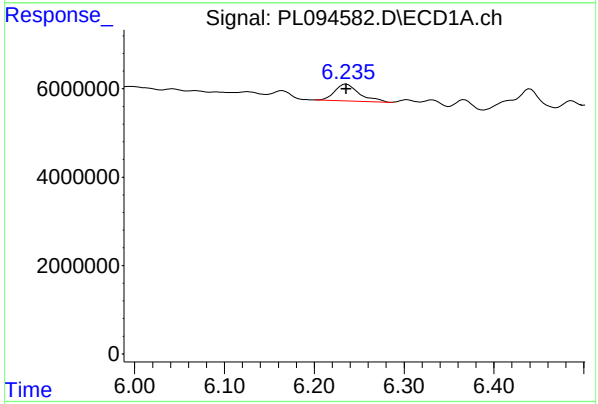
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



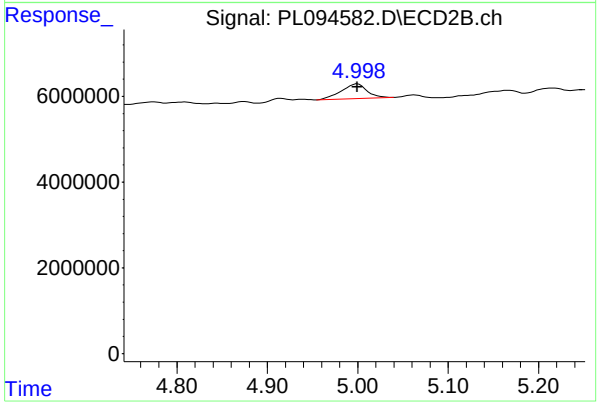
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 92161313
Conc: 25.37 ng/ml



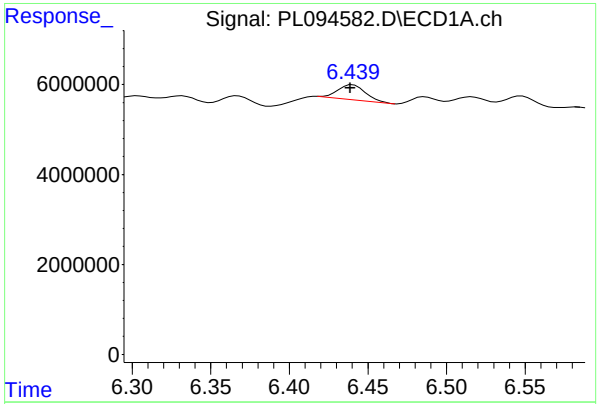
#2 Toxaphene-1

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 7235115
Conc: 275.90 ng/ml



#2 Toxaphene-1

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 6870390
Conc: 261.39 ng/ml



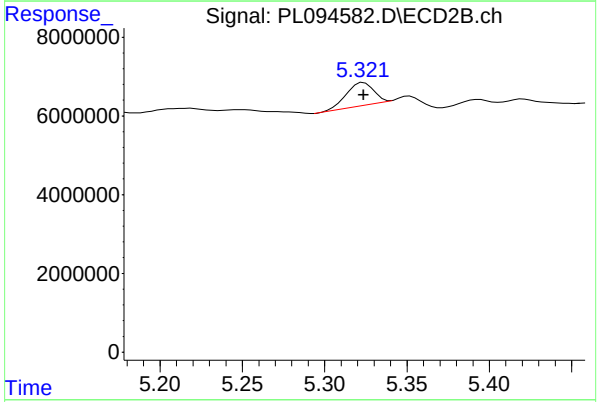
#3 Toxaphene-2

R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 4064332
Conc: 255.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC250

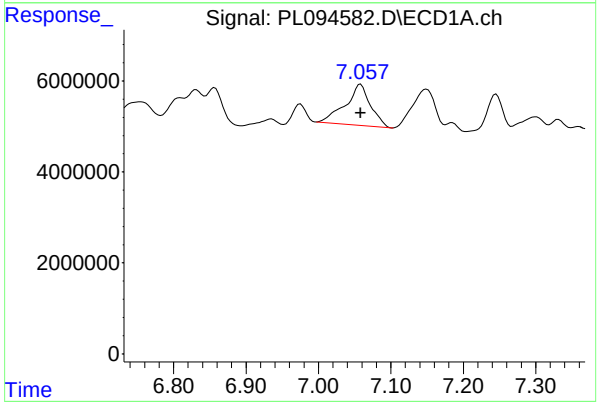
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



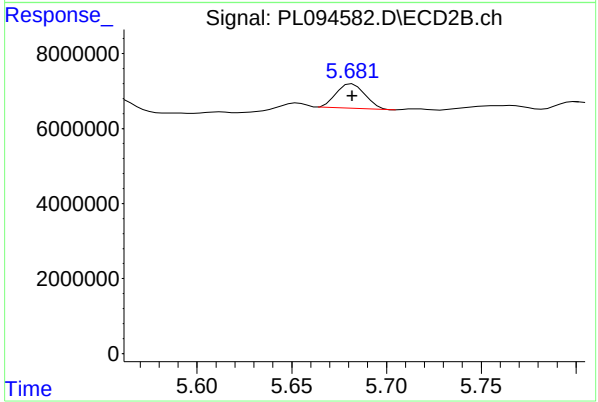
#3 Toxaphene-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 6676470
Conc: 260.60 ng/ml



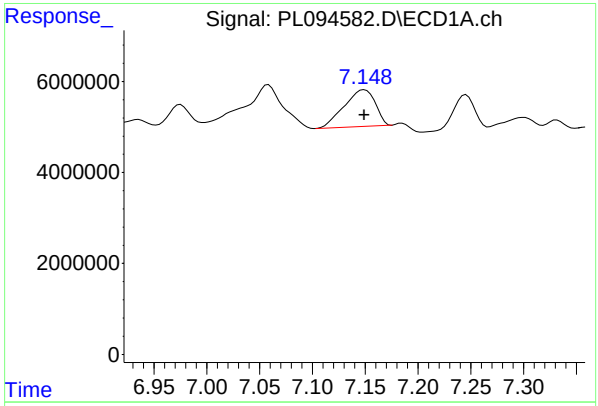
#4 Toxaphene-3

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 21882914
Conc: 268.69 ng/ml



#4 Toxaphene-3

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 6891360
Conc: 246.86 ng/ml



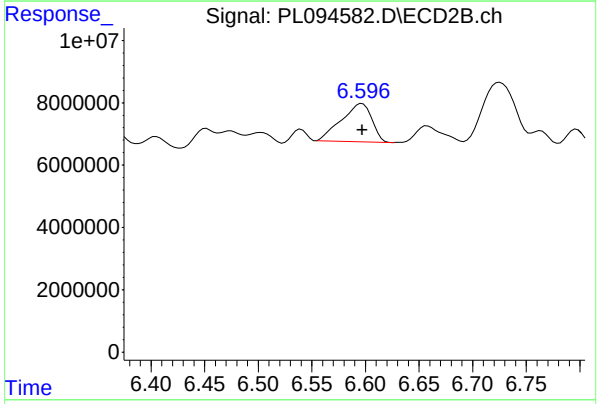
#5 Toxaphene-4

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 16593075
Conc: 269.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC250

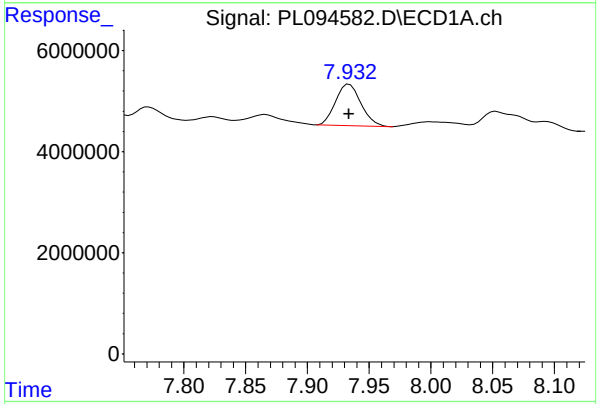
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



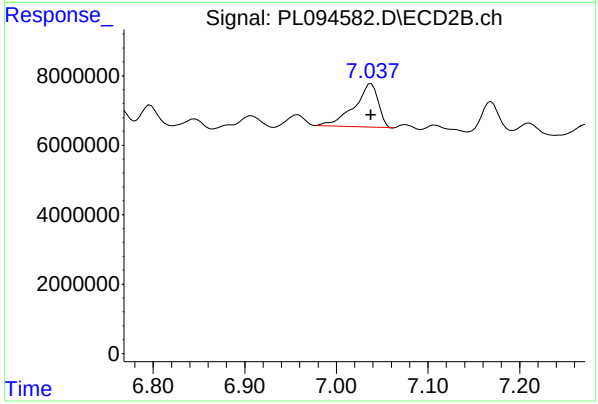
#5 Toxaphene-4

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 24233951
Conc: 245.27 ng/ml



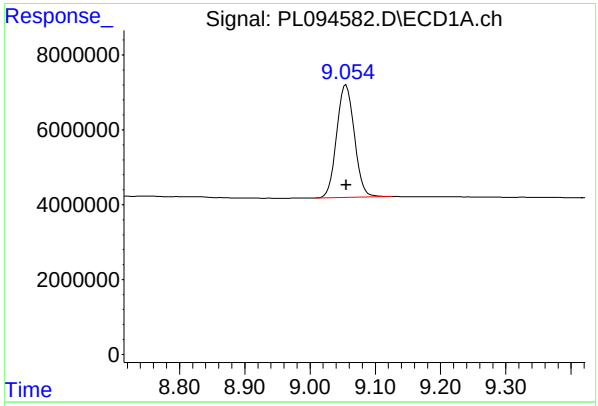
#6 Toxaphene-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 11750870
Conc: 264.33 ng/ml



#6 Toxaphene-5

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 22740706
Conc: 246.36 ng/ml



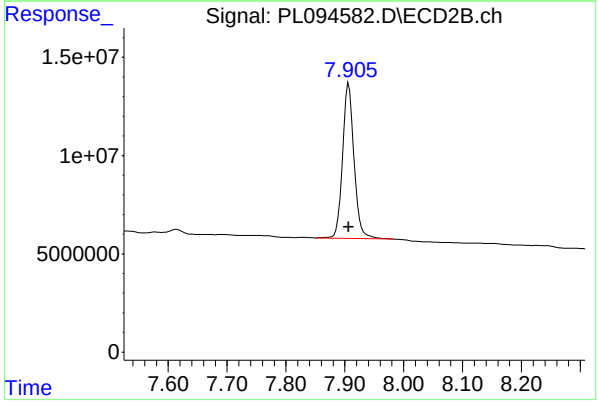
#7 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 56430596
Conc: 26.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC250

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



#7 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 106806030
Conc: 25.54 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 13:45
Operator : AR\AJ
Sample : PTOXICC100
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC100

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:53:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:48:02 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.538	2.772	31235495	37682565	10.902	10.297
7)	SA Decachlor...	9.055	7.907	24112695	43302890	11.191	10.282
	Target Compounds						
2)	Toxaphene-1	6.234	5.000	2483122	2948342	96.146m	109.507
3)	Toxaphene-2	6.441	5.324	1751791	2731535	106.989	105.225
4)	Toxaphene-3	7.058	5.682	9215167	2807880	110.248	100.467
5)	Toxaphene-4	7.151	6.597	7085197	8859723	111.812	91.562
6)	Toxaphene-5	7.935	7.037	4824526	9032559	106.707	98.275

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 13:45
Operator : AR\AJ
Sample : PTOXICC100
Misc :
ALS Vial : 19 Sample Multiplier: 1

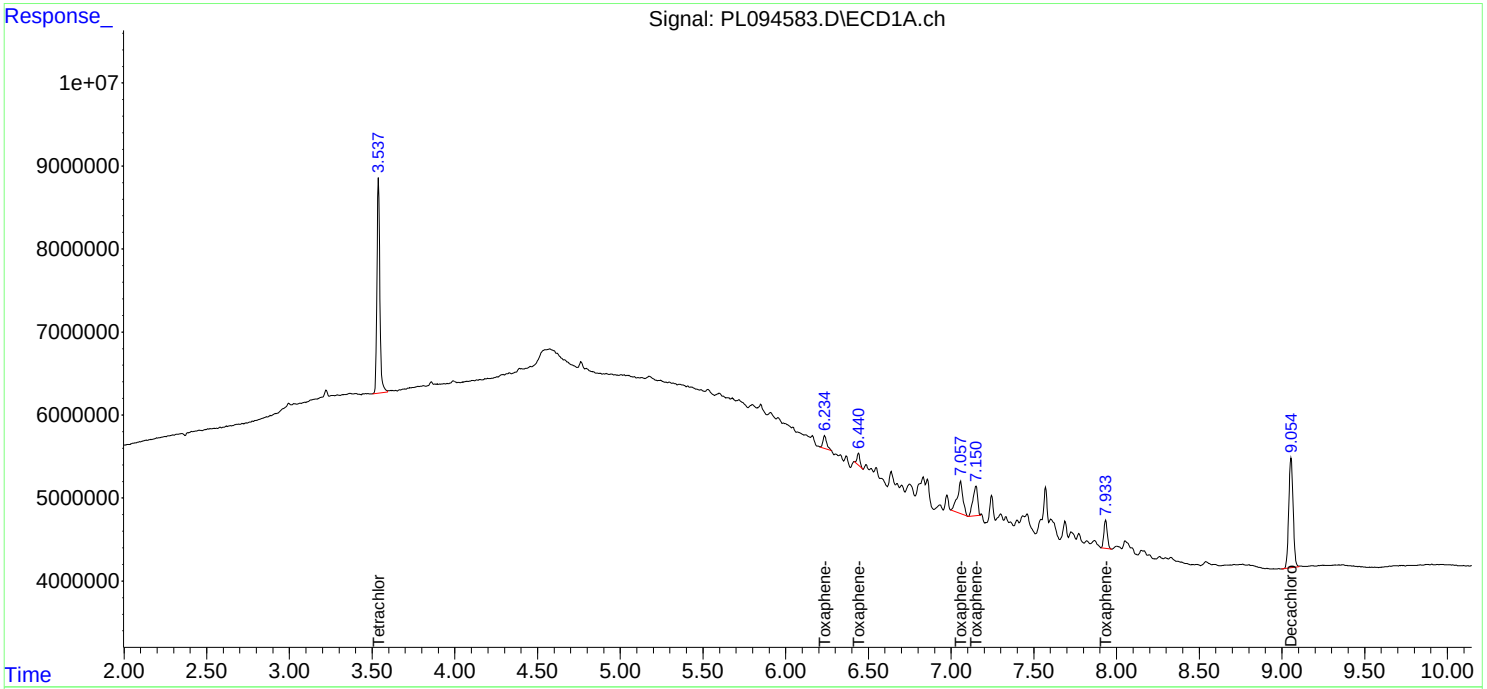
Instrument :
ECD_L
ClientSampleId :
PTOXICC100

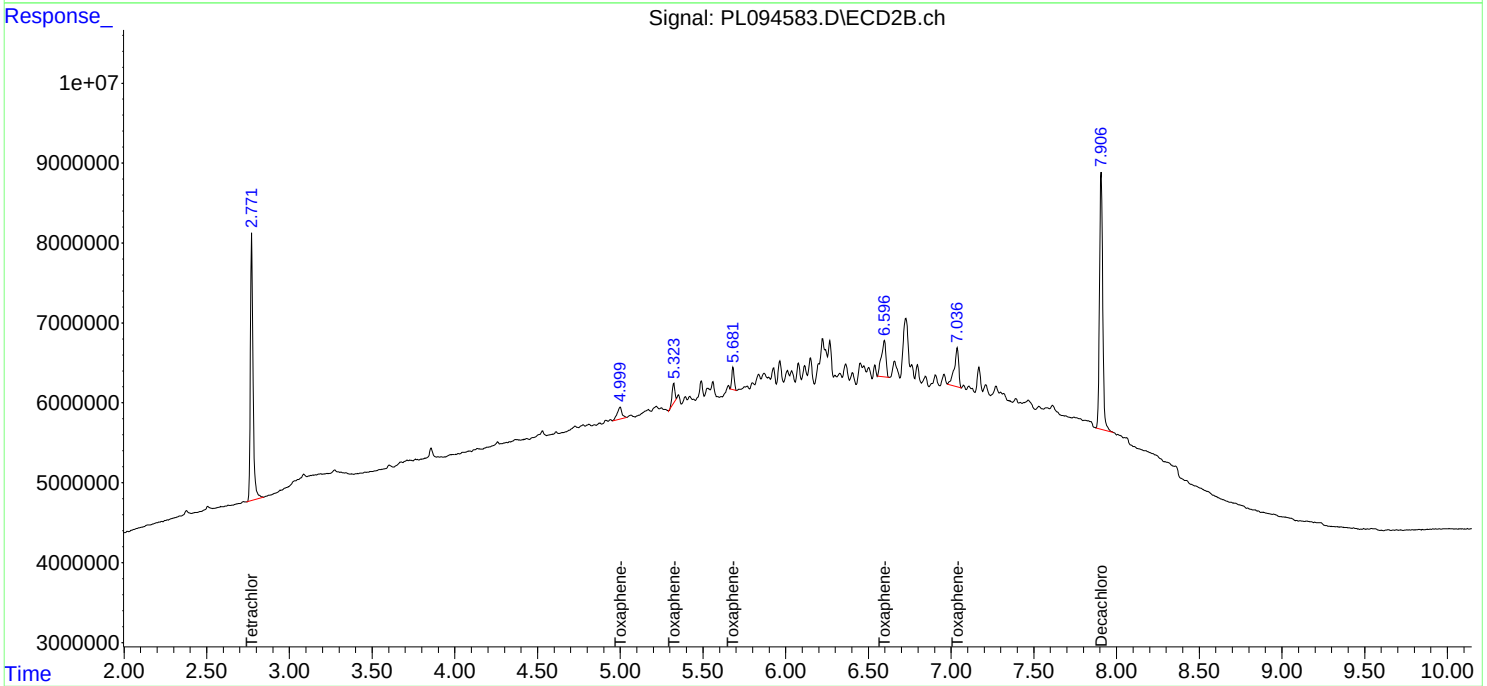
Manual Integrations APPROVED

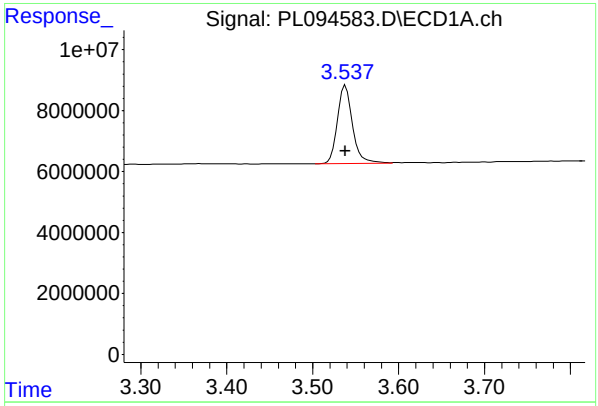
Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:53:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:48:02 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm







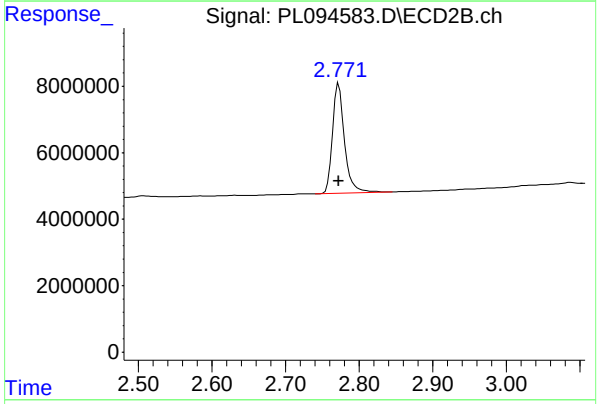
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 mi
Response: 31235495
Conc: 10.90 ng/m

Instrument :
ECD_L
ClientSampleId :
PTOXICC100

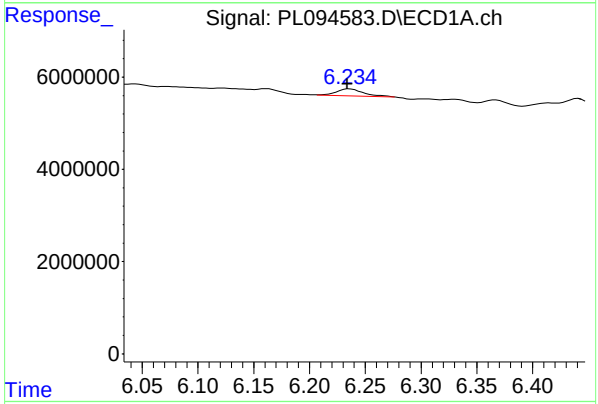
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



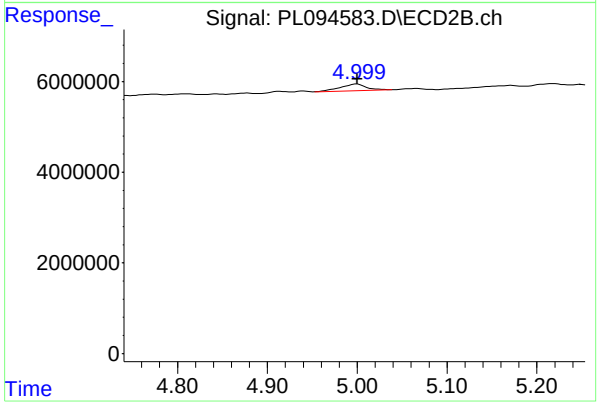
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 37682565
Conc: 10.30 ng/ml



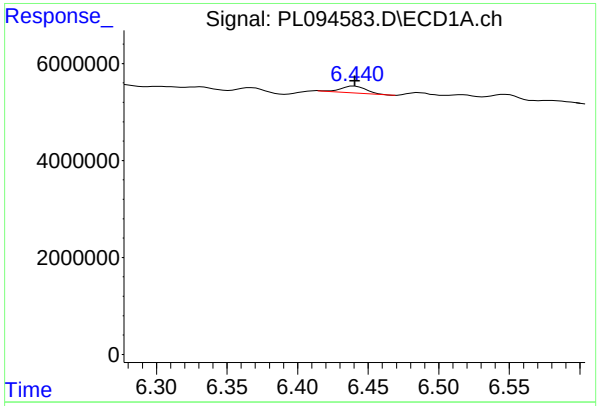
#2 Toxaphene-1

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 2483122
Conc: 96.15 ng/ml m



#2 Toxaphene-1

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 2948342
Conc: 109.51 ng/ml



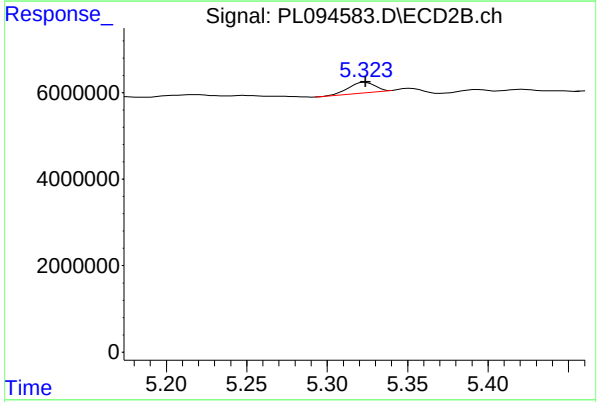
#3 Toxaphene-2

R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 1751791
Conc: 106.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC100

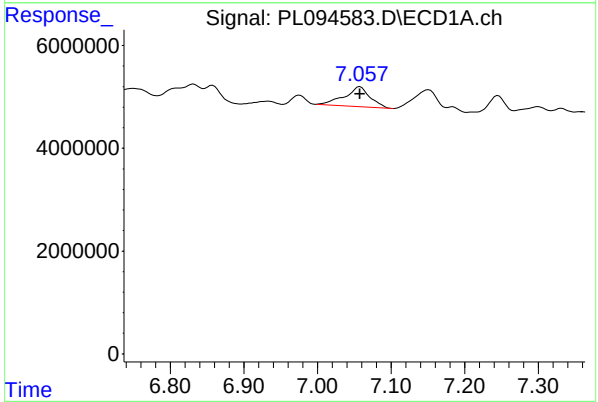
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



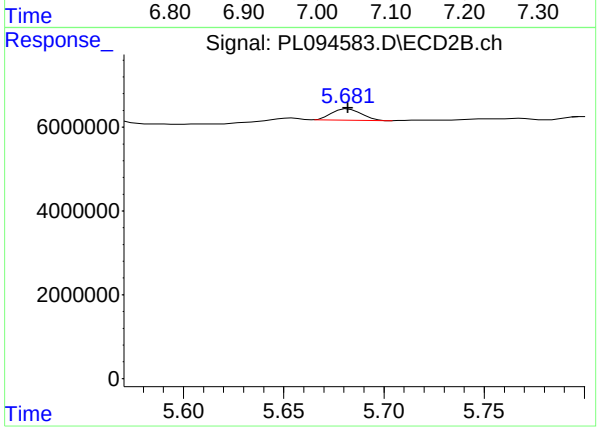
#3 Toxaphene-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 2731535
Conc: 105.22 ng/ml



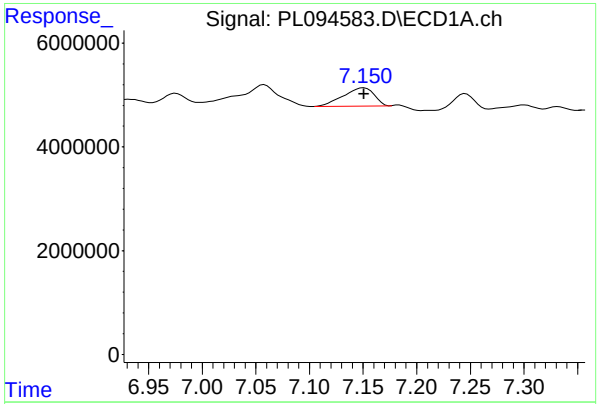
#4 Toxaphene-3

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 9215167
Conc: 110.25 ng/ml



#4 Toxaphene-3

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 2807880
Conc: 100.47 ng/ml



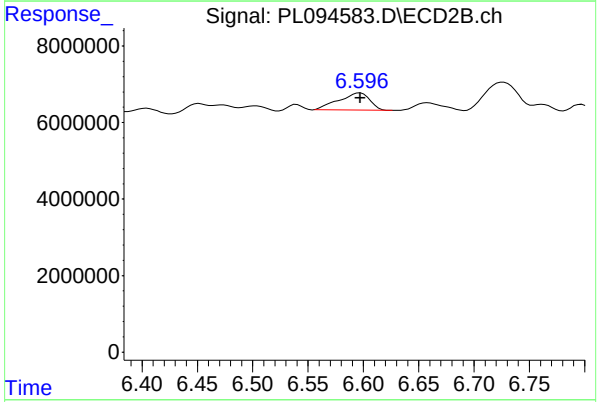
#5 Toxaphene-4

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 7085197
Conc: 111.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC100

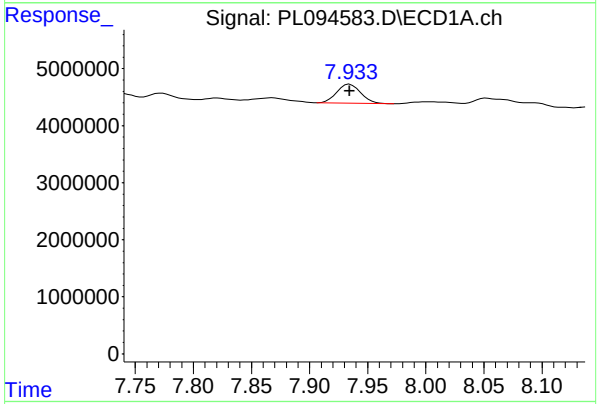
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



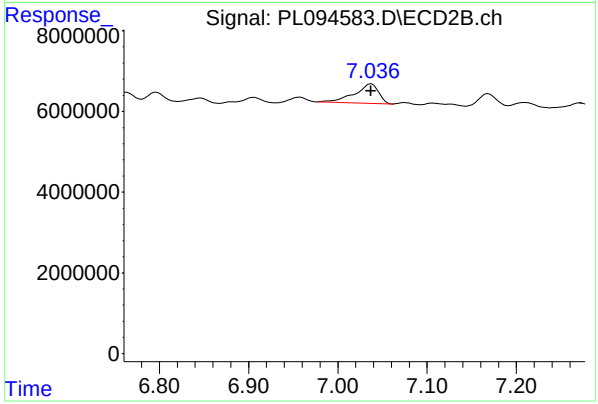
#5 Toxaphene-4

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 8859723
Conc: 91.56 ng/ml



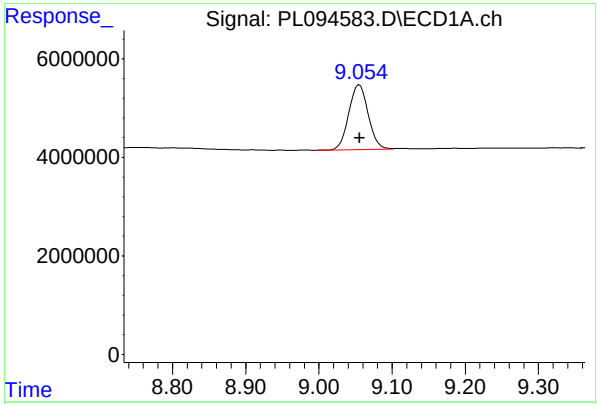
#6 Toxaphene-5

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 4824526
Conc: 106.71 ng/ml



#6 Toxaphene-5

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 9032559
Conc: 98.27 ng/ml



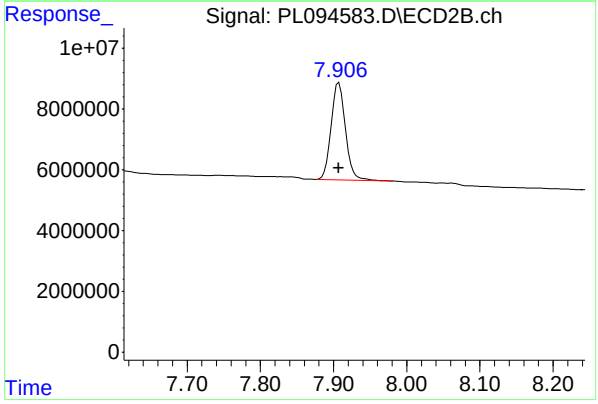
#7 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 24112695
Conc: 11.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC100

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



#7 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 43302890
Conc: 10.28 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 14:53
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL031125TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 01:29:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:54:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.539	2.772	142.4E6	185.3E6	49.695	50.638
7)	SA Decachlor...	9.056	7.907	107.3E6	215.3E6	49.786	51.130
	Target Compounds						
2)	Toxaphene-1	6.237	4.998	12932398	13192637	498.451	489.997
3)	Toxaphene-2	6.440	5.324	8497655	12782684	518.989	492.418
4)	Toxaphene-3	7.059	5.682	43111651	14208462	515.776	508.385
5)	Toxaphene-4	7.150	6.597	31431408	49583590	496.022	512.426
6)	Toxaphene-5	7.934	7.038	22999107	46764979	508.687	508.805

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

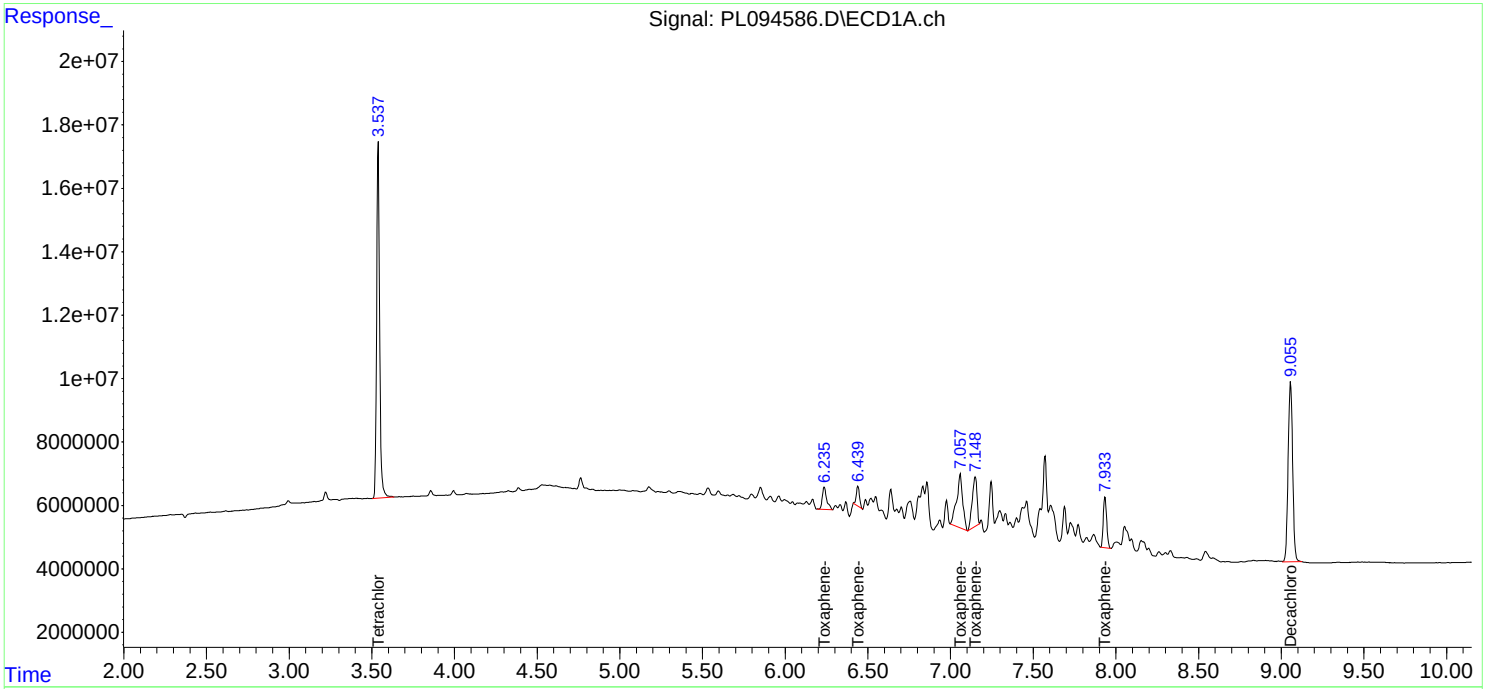
ICAL Form

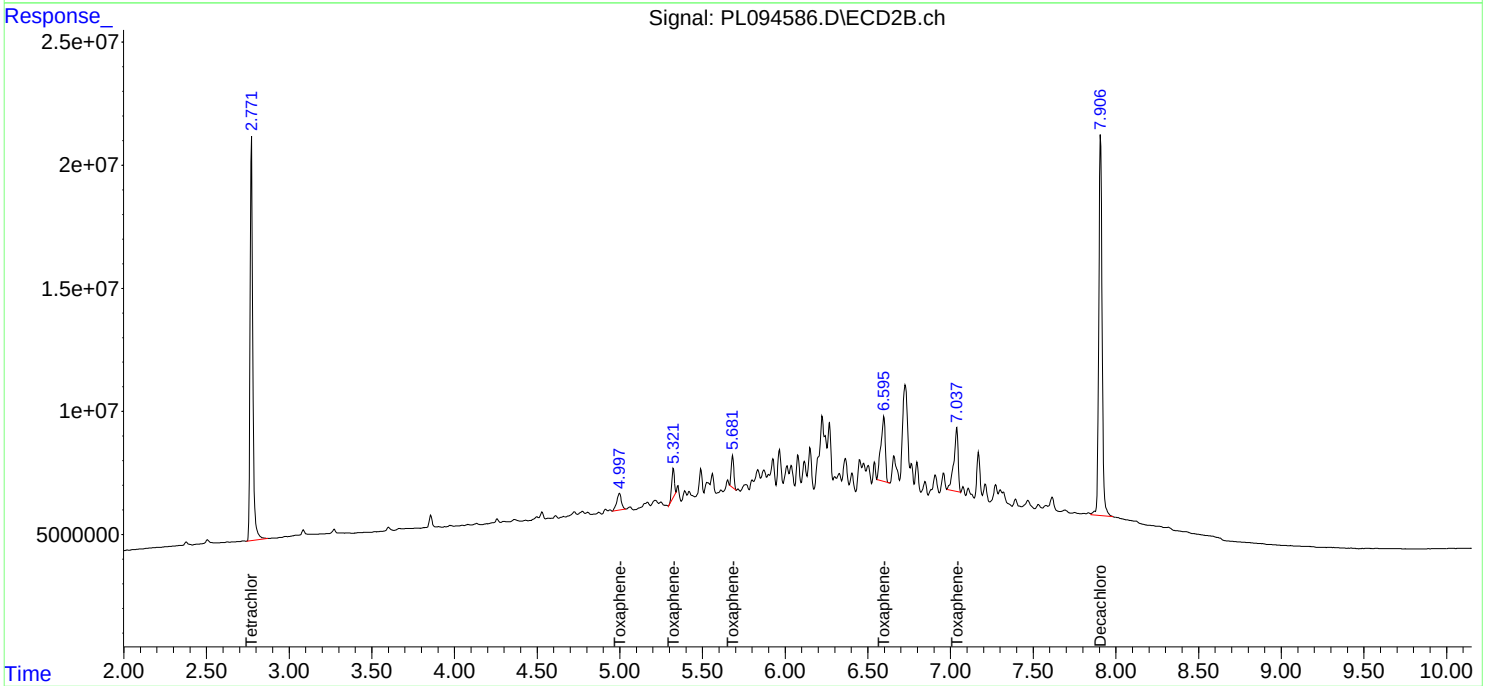
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 14:53
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 24 Sample Multiplier: 1

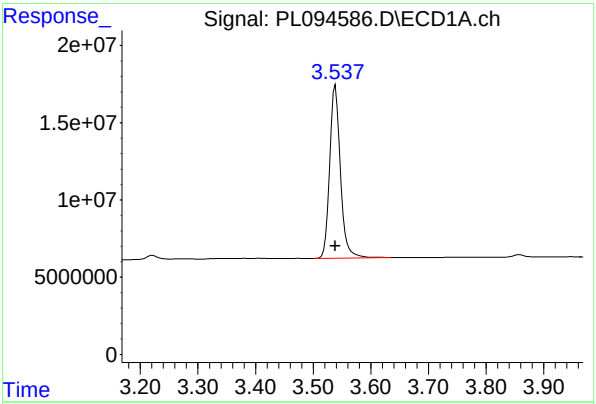
Instrument :
ECD_L
ClientSampleId :
ICVPL031125TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 01:29:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:54:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



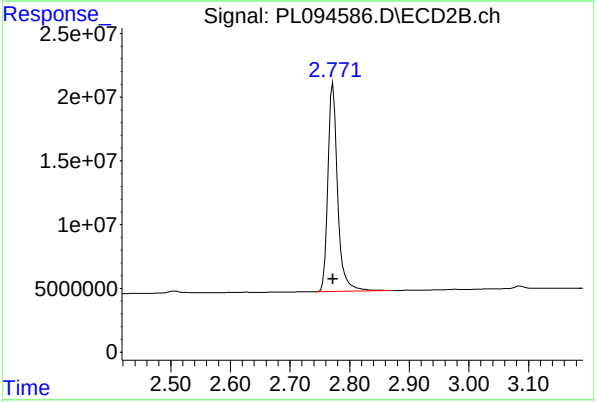




#1 Tetrachloro-m-xylene

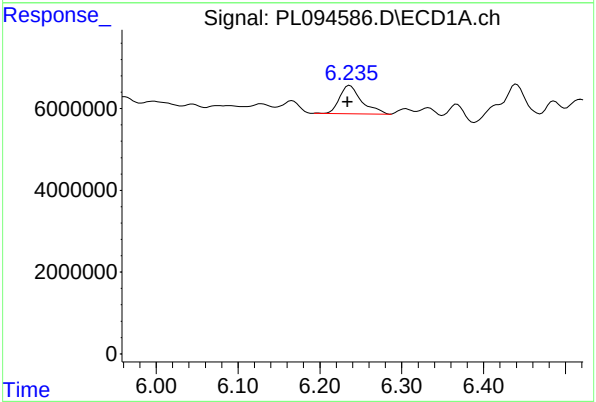
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 142377900
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL031125TOX



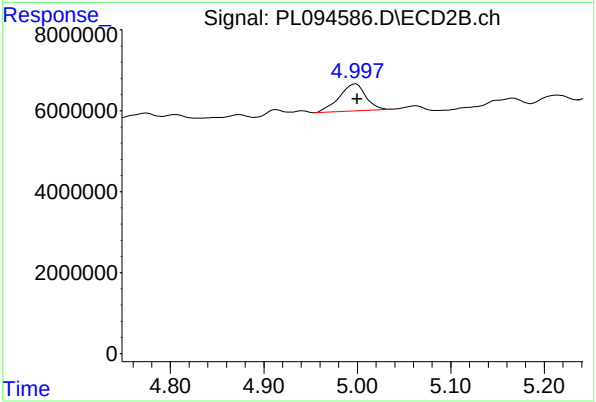
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 185306922
Conc: 50.64 ng/ml



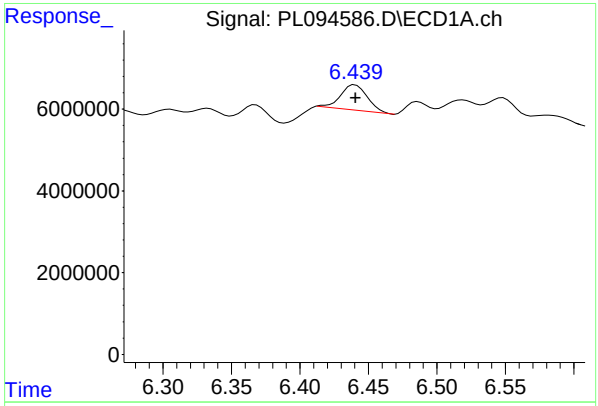
#2 Toxaphene-1

R.T.: 6.237 min
Delta R.T.: 0.002 min
Response: 12932398
Conc: 498.45 ng/ml



#2 Toxaphene-1

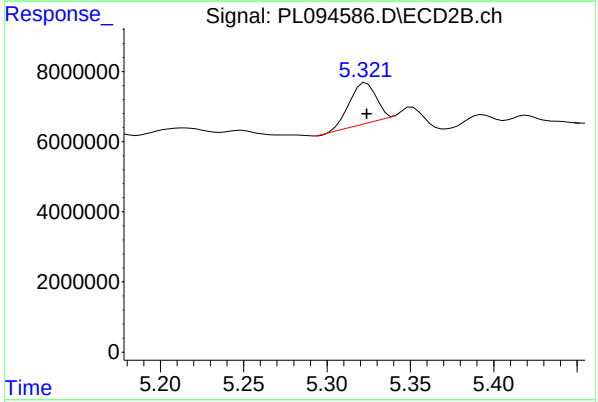
R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 13192637
Conc: 490.00 ng/ml



#3 Toxaphene-2

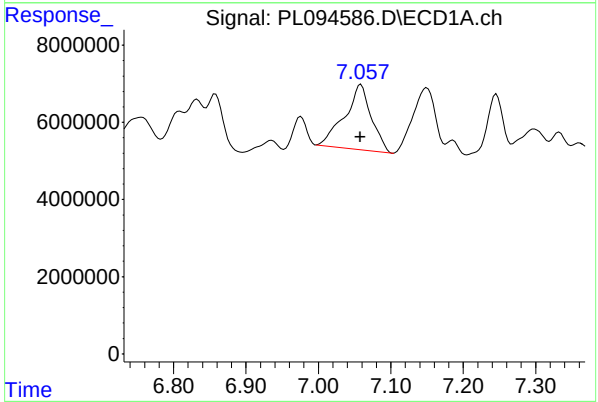
R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 8497655
Conc: 518.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL031125TOX



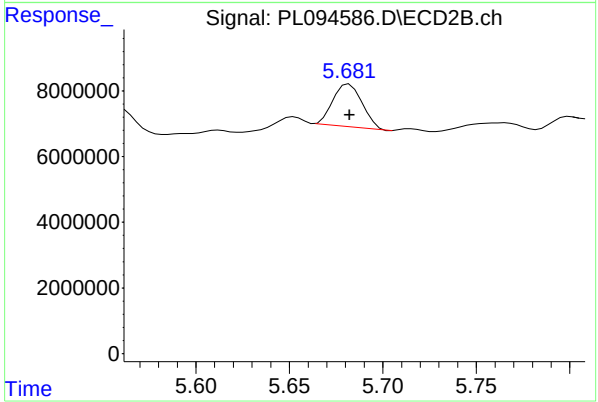
#3 Toxaphene-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 12782684
Conc: 492.42 ng/ml



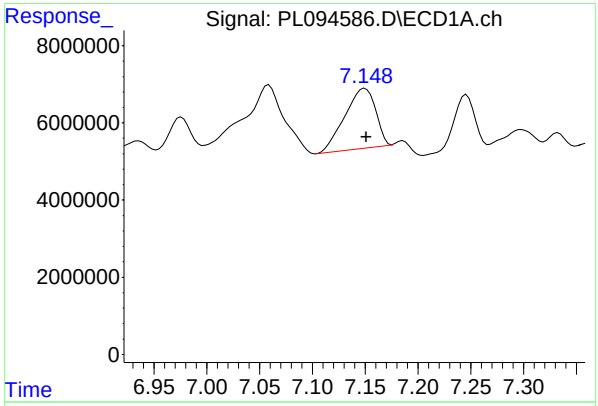
#4 Toxaphene-3

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 43111651
Conc: 515.78 ng/ml



#4 Toxaphene-3

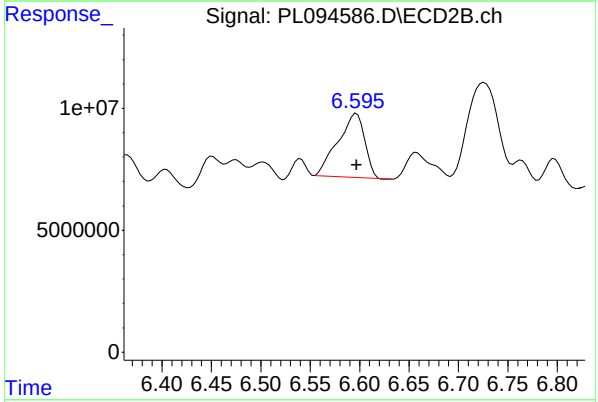
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 14208462
Conc: 508.39 ng/ml



#5 Toxaphene-4

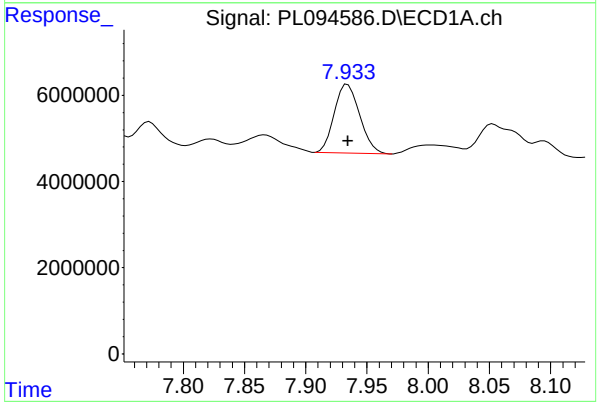
R.T.: 7.150 min
Delta R.T.: -0.001 min
Response: 31431408
Conc: 496.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL031125TOX



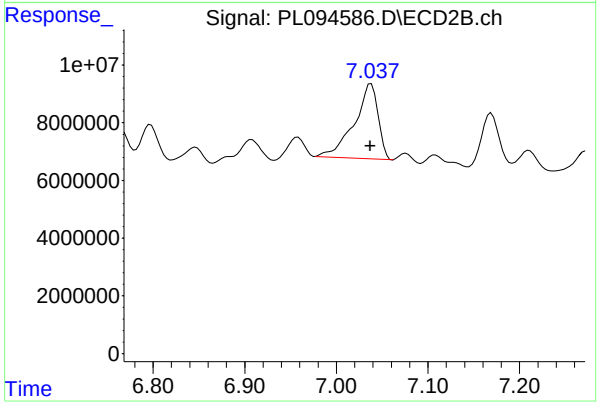
#5 Toxaphene-4

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 49583590
Conc: 512.43 ng/ml



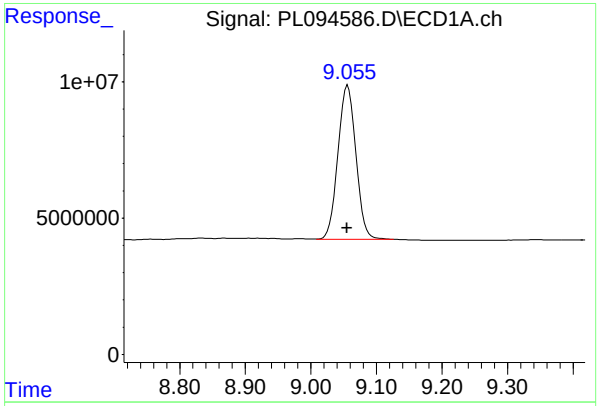
#6 Toxaphene-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 22999107
Conc: 508.69 ng/ml



#6 Toxaphene-5

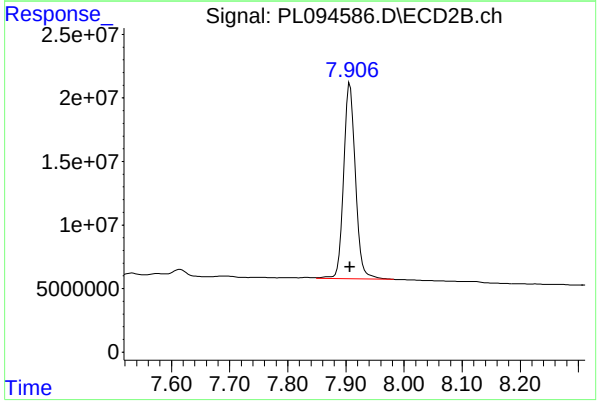
R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 46764979
Conc: 508.81 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 107267326
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL031125TOX



#7 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 215332879
Conc: 51.13 ng/ml

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_L **Calibration Date(s):** 04/14/2025 04/14/2025

Calibration Times: 17:38 18:32

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

LAB FILE ID: RT 1000 = PL095215.D RT 750 = PL095216.D

RT 500 = PL095217.D RT 250 = PL095218.D RT 100 = PL095219.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 100	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl		9.05	9.05	9.05	9.05	9.05	9.05	8.95	9.15
Tetrachloro-m-xylene		3.54	3.53	3.54	3.54	3.54	3.53	3.43	3.63
Toxaphene-1	(1)	6.23	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Toxaphene-2	(2)	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
Toxaphene-3	(3)	7.06	7.06	7.06	7.06	7.06	7.06	6.96	7.16
Toxaphene-4	(4)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Toxaphene-5	(5)	7.93	7.93	7.93	7.93	7.93	7.93	7.83	8.03

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_L **Calibration Date(s):** 04/14/2025 04/14/2025

Calibration Times: 17:38 18:32

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

LAB FILE ID: RT 1000 = PL095215.D RT 750 = PL095216.D

RT 500 = PL095217.D RT 250 = PL095218.D RT 100 = PL095219.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 100	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl		7.90	7.90	7.90	7.90	7.90	7.90	7.80	8.00
Tetrachloro-m-xylene		2.77	2.77	2.77	2.77	2.77	2.77	2.67	2.87
Toxaphene-1	(1)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Toxaphene-2	(2)	5.32	5.32	5.32	5.32	5.32	5.32	5.22	5.42
Toxaphene-3	(3)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Toxaphene-4	(4)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Toxaphene-5	(5)	7.03	7.03	7.03	7.03	7.03	7.03	6.93	7.13

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_L **Calibration Date(s):** 04/14/2025 04/14/2025

Calibration Times: 17:38 18:32

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

LAB FILE ID: **CF 1000 =** PL095215.D **CF 750 =** PL095216.D

CF 500 = PL095217.D **CF 250 =** PL095218.D **CF 100 =** PL095219.D

COMPOUND	CF 1000	CF 750	CF 500	CF 250	CF 100	CF	% RSD
Decachlorobiphenyl	223046000	230931000	236202000	237208000	264545000	238386000	7
Tetrachloro-m-xylene	260875000	263255000	265291000	265106000	290732000	269052000	5
Toxaphene-1 (1)	26669700	27535000	27376000	27448600	34368100	28679500	11
Toxaphene-2 (2)	15455600	15460200	14916800	16099800	17117600	15810000	5
Toxaphene-3 (3)	83409100	85961800	82942000	80246000	84819600	83475700	3
Toxaphene-4 (4)	62789200	64296500	64931700	63748800	65728400	64298900	2
Toxaphene-5 (5)	44923100	46790900	46223600	43713700	48442200	46018700	4

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_L

Calibration Date(s): 04/14/2025 04/14/2025

Calibration Times: 17:38 18:32

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

LAB FILE ID: **CF 1000 =** PL095215.D **CF 750 =** PL095216.D

CF 500 = PL095217.D **CF 250 =** PL095218.D **CF 100 =** PL095219.D

COMPOUND	CF 1000	CF 750	CF 500	CF 250	CF 100	CF	% RSD
Decachlorobiphenyl	428743000	431243000	432396000	427133000	453419000	434587000	2
Tetrachloro-m-xylene	374172000	373180000	359952000	354466000	380790000	368512000	3
Toxaphene-1 (1)	26448000	26658700	27499800	26302700	28392900	27060400	3
Toxaphene-2 (2)	24331600	25341800	25414900	24846900	25676500	25122300	2
Toxaphene-3 (3)	28653500	28223000	27465800	24682600	25236900	26852400	7
Toxaphene-4 (4)	103157000	103221000	96741800	87115500	88722800	95791600	8
Toxaphene-5 (5)	96812100	97551500	106909000	111883000	106361000	103903000	6

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 17:38
Operator : AR\AJ
Sample : PTOXICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 18:22:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:20:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.535	2.767	260.9E6	374.2E6	99.161	101.937
7)	SA Decachlor...	9.053	7.899	223.0E6	428.7E6	97.135	99.576
	Target Compounds						
2)	Toxaphene-1	6.234	4.993	26669732	26447983	986.933	980.504
3)	Toxaphene-2	6.438	5.317	15455637	24331644	1017.742	978.224
4)	Toxaphene-3	7.056	5.676	83409058	28653469	1002.808	1021.164
5)	Toxaphene-4	7.146	6.590	62789175	103.2E6	983.225	1032.093
6)	Toxaphene-5	7.933	7.031	44923125	96812148	985.732	950.436

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

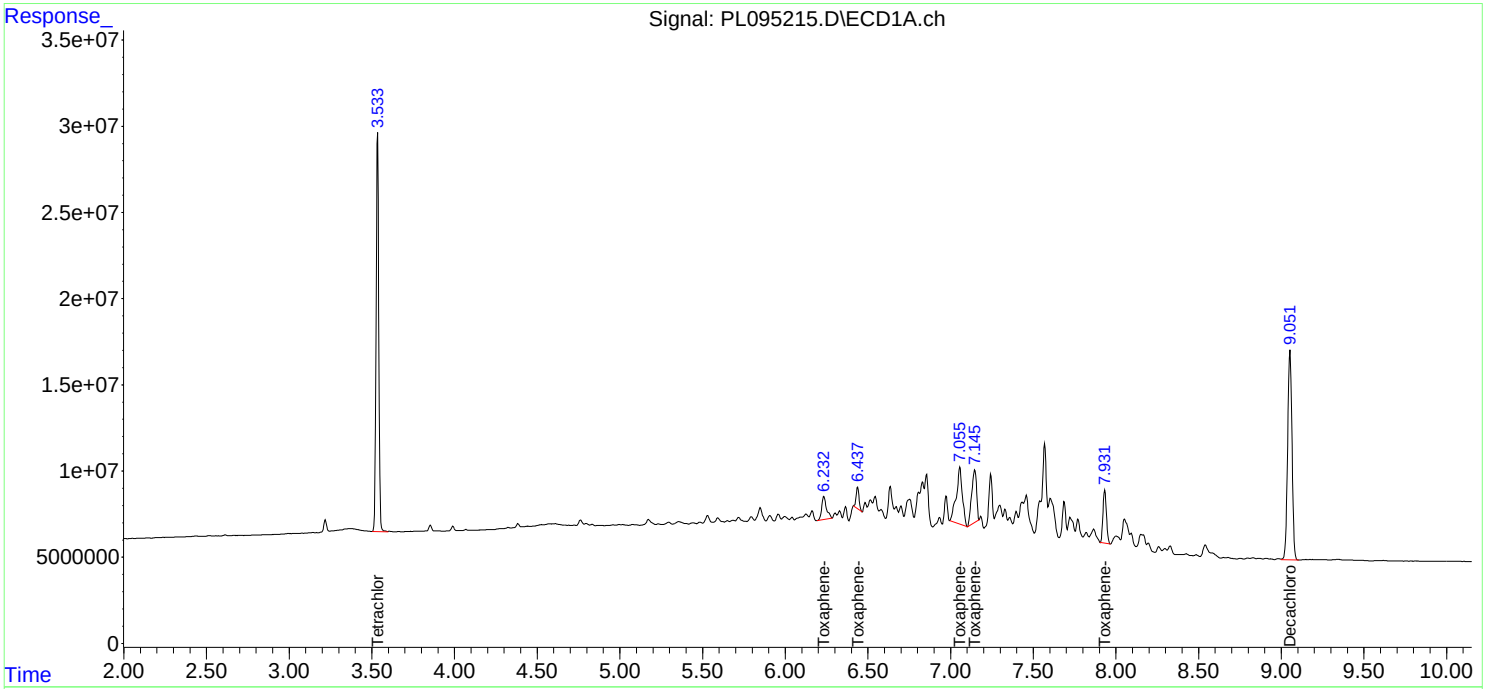
ICAL Form

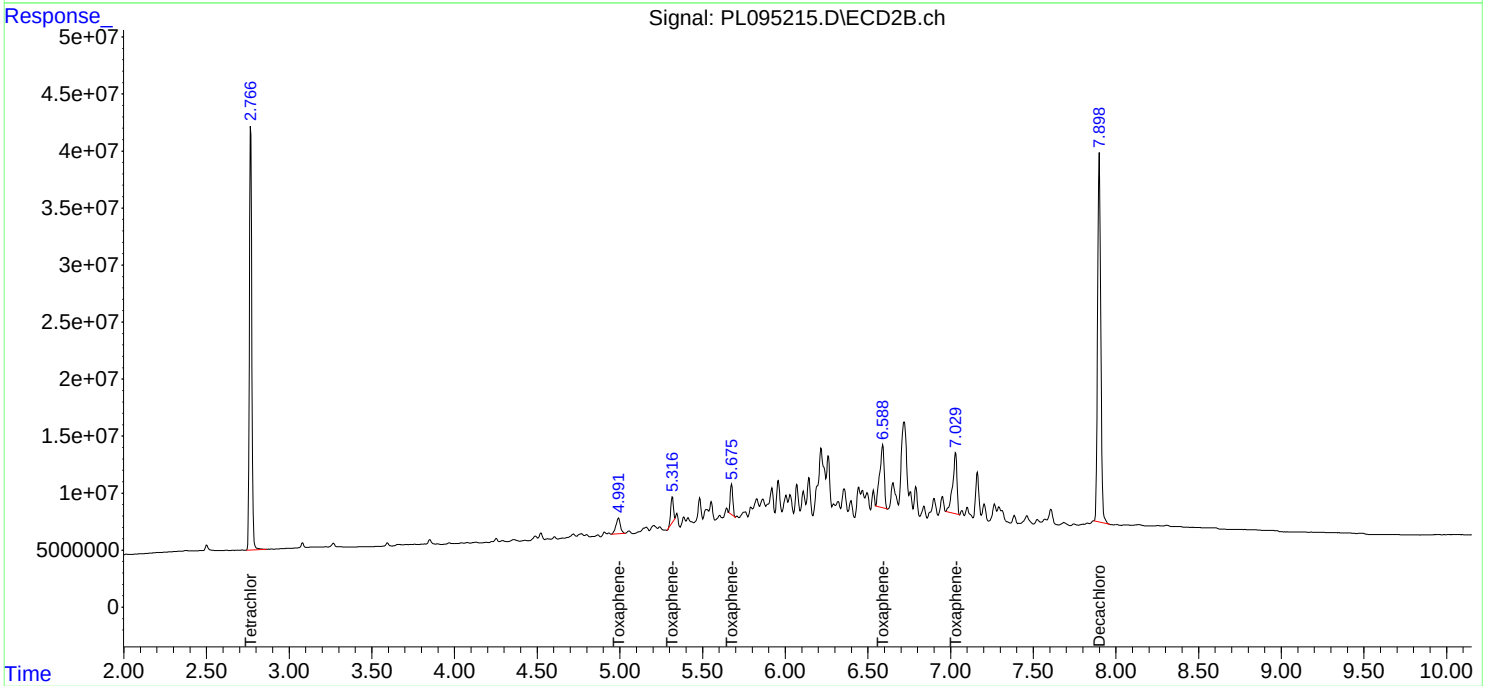
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 17:38
Operator : AR\AJ
Sample : PTOXICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

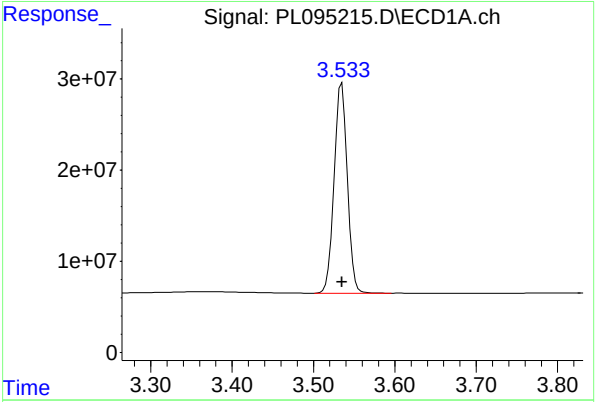
Instrument :
ECD_L
ClientSampleId :
PTOXICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 18:22:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:20:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



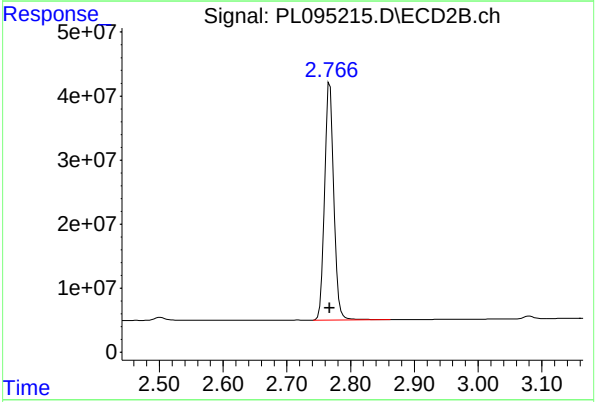




#1 Tetrachloro-m-xylene

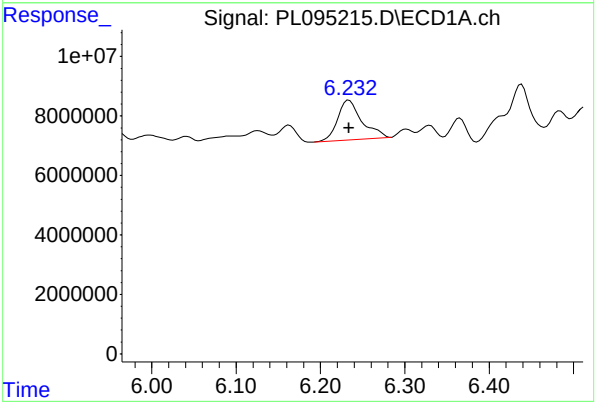
R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 260875436
Conc: 99.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC1000



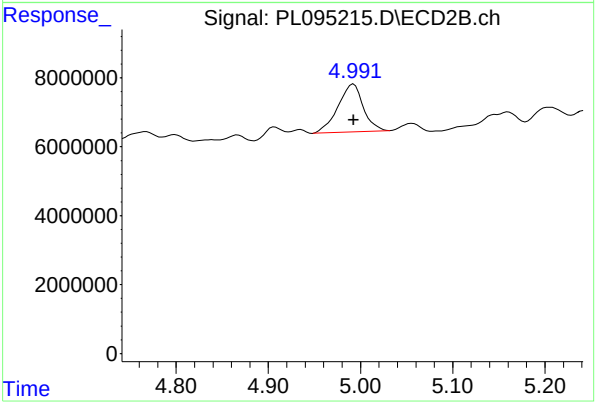
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 374171908
Conc: 101.94 ng/ml



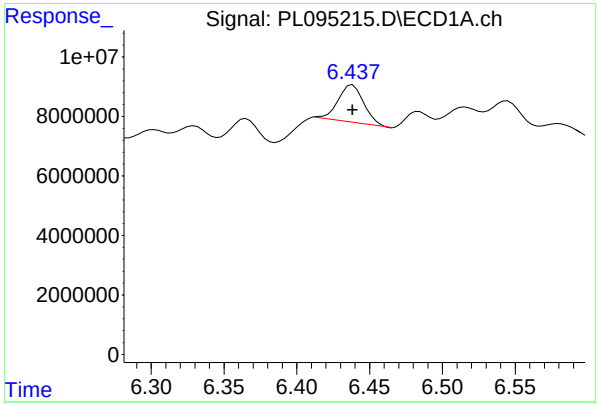
#2 Toxaphene-1

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 26669732
Conc: 986.93 ng/ml



#2 Toxaphene-1

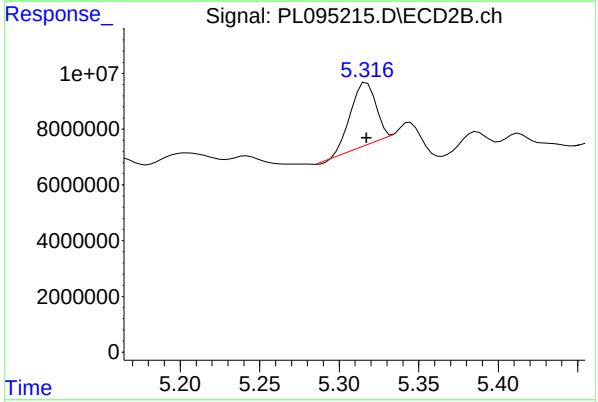
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 26447983
Conc: 980.50 ng/ml



#3 Toxaphene-2

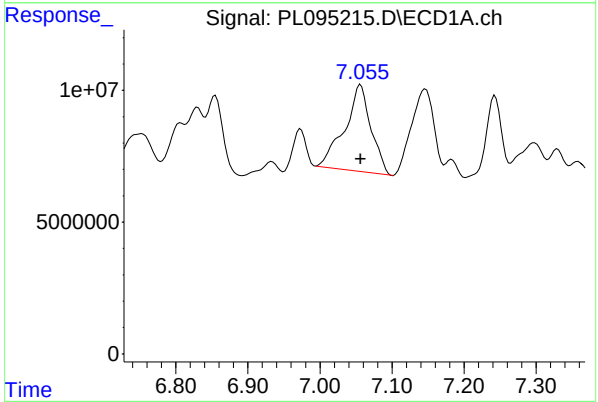
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 15455637
Conc: 1017.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC1000



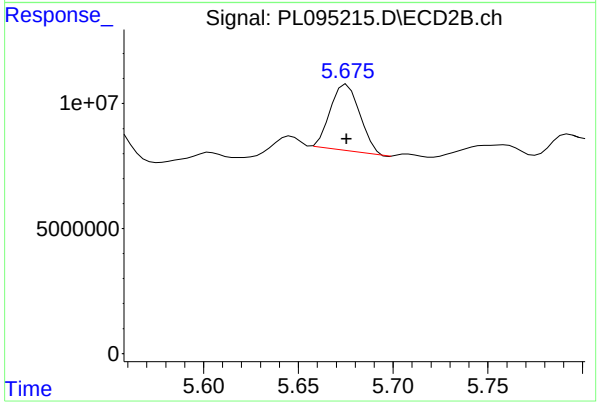
#3 Toxaphene-2

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 24331644
Conc: 978.22 ng/ml



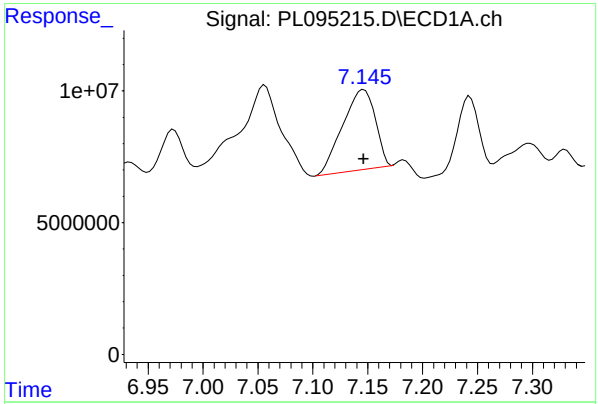
#4 Toxaphene-3

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 83409058
Conc: 1002.81 ng/ml



#4 Toxaphene-3

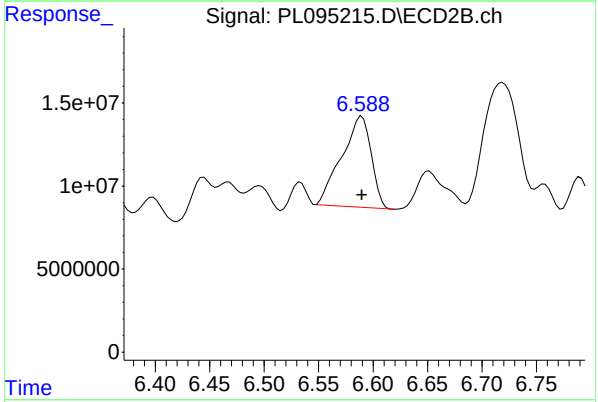
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 28653469
Conc: 1021.16 ng/ml



#5 Toxaphene-4

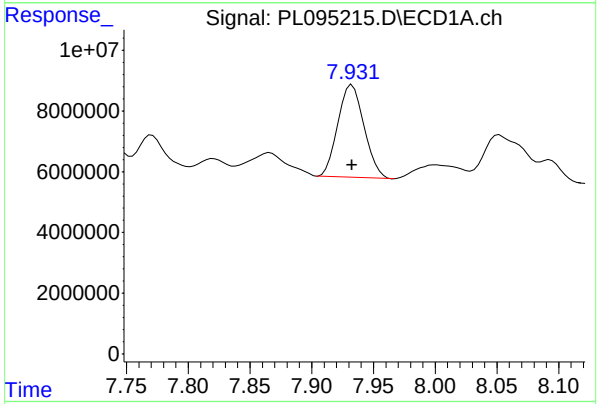
R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 62789175
Conc: 983.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC1000



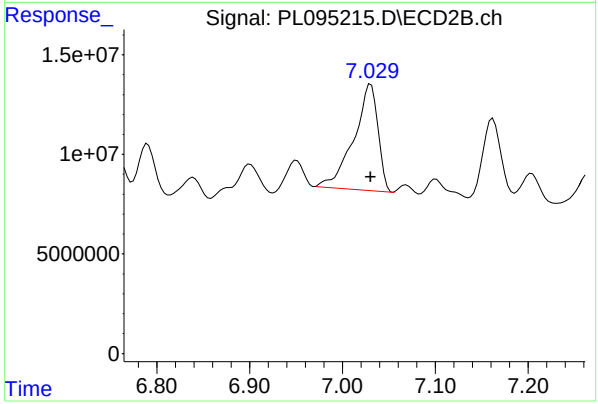
#5 Toxaphene-4

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 103157185
Conc: 1032.09 ng/ml



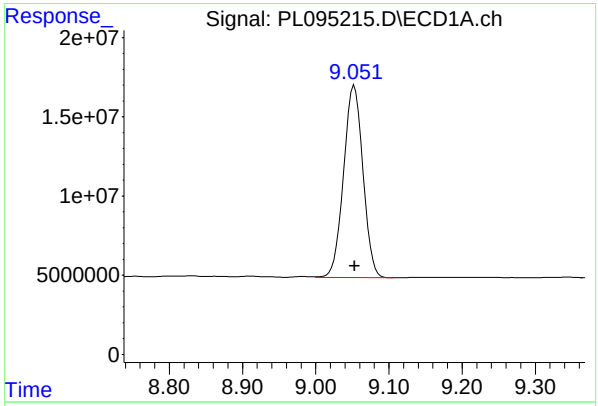
#6 Toxaphene-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 44923125
Conc: 985.73 ng/ml



#6 Toxaphene-5

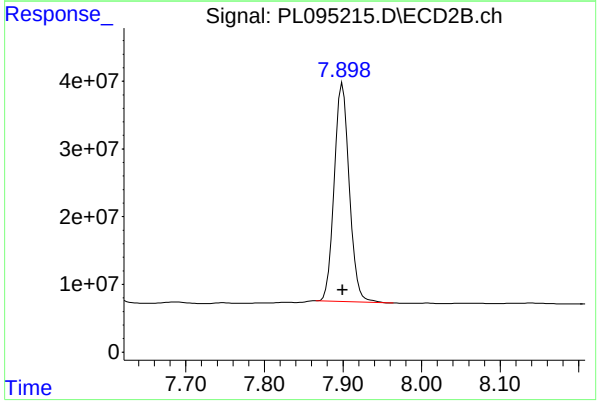
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 96812148
Conc: 950.44 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 mi
Response: 223045932
Conc: 97.14 ng/m

Instrument :
ECD_L
ClientSampleId :
PTOXICC1000



#7 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 428742925
Conc: 99.58 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 17:51
Operator : AR\AJ
Sample : PTOXICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 18:23:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:20:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.534	2.768	197.4E6	279.9E6	75.033	75.829
7) SA	Decachlor...	9.052	7.900	173.2E6	323.4E6	75.284	75.078
	Target Compounds						
2)	Toxaphene-1	6.233	4.993	20651231	19994043	759.416	744.135
3)	Toxaphene-2	6.438	5.317	11595171	19006361	758.968	759.359
4)	Toxaphene-3	7.056	5.675	64471325	21167282	766.564	752.906
5)	Toxaphene-4	7.146	6.590	48222350	77415623	753.406	766.188
6)	Toxaphene-5	7.932	7.031	35093191	73163589	763.240	728.545

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

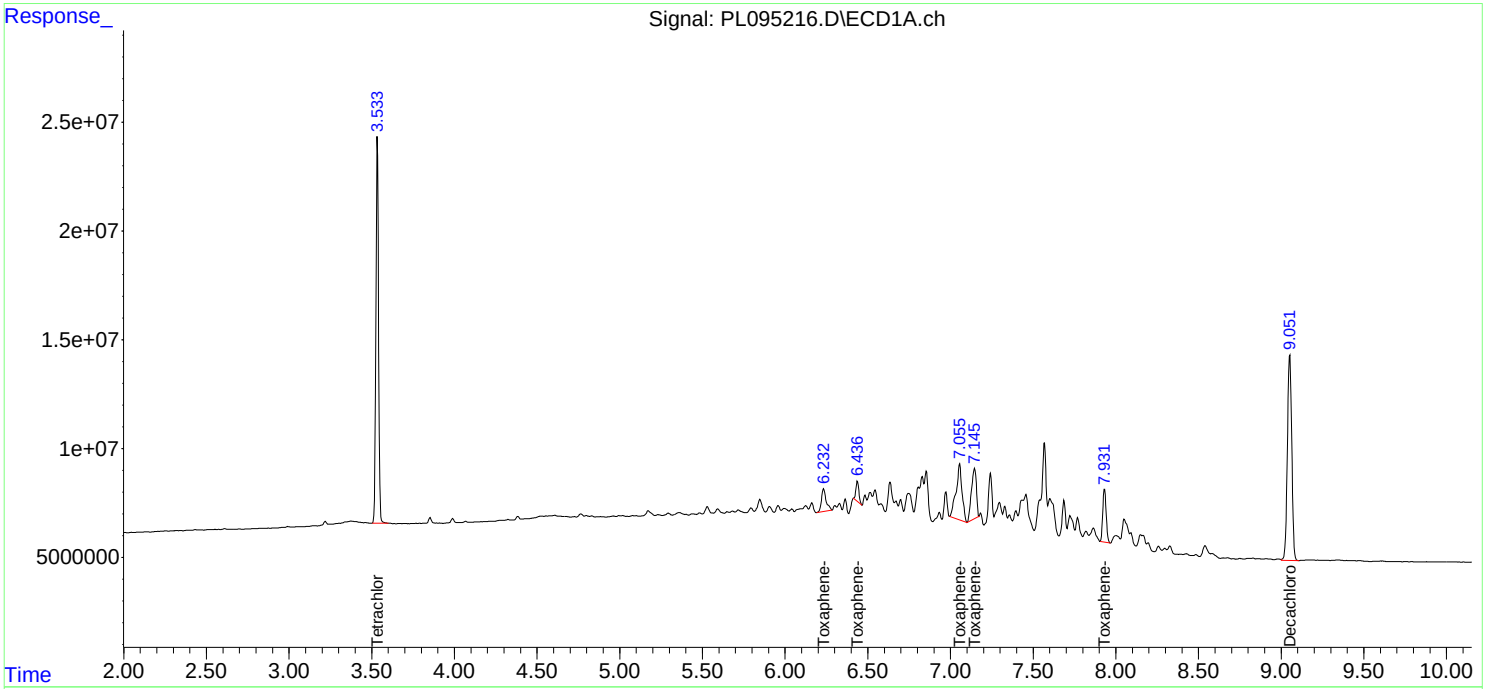
ICAL Form

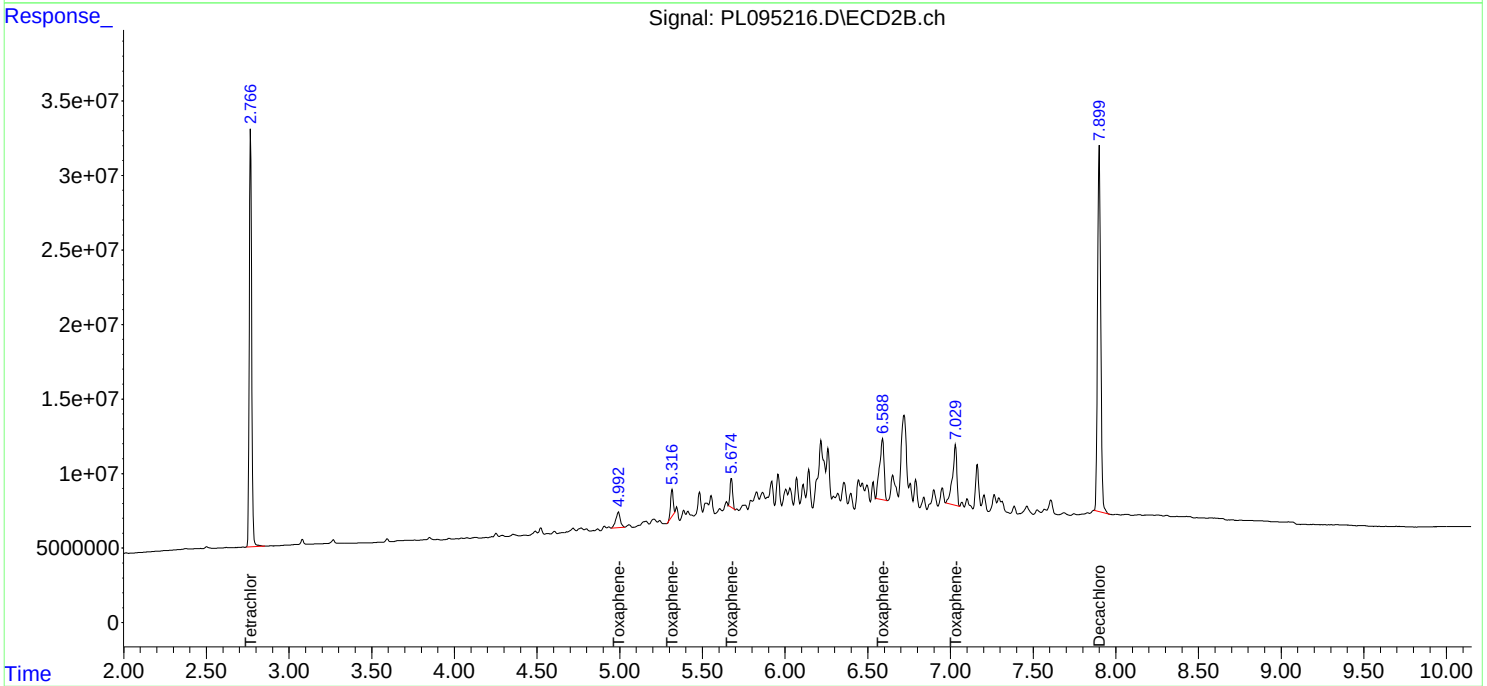
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 17:51
Operator : AR\AJ
Sample : PTOXICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

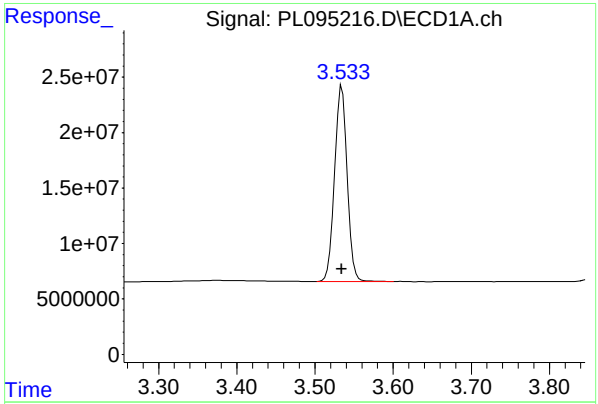
Instrument :
ECD_L
ClientSampleId :
PTOXICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 18:23:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:20:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



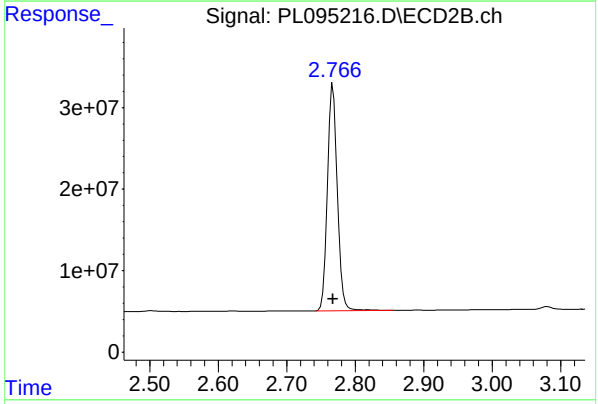




#1 Tetrachloro-m-xylene

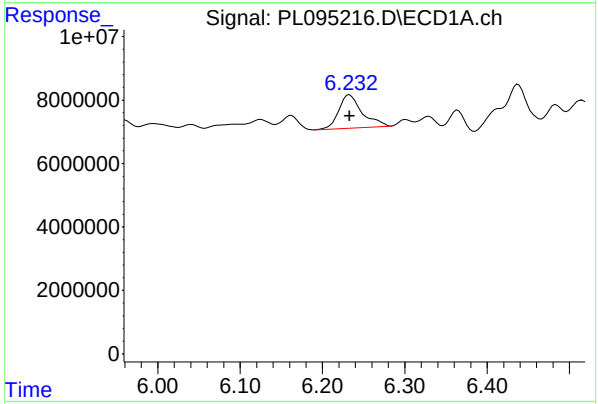
R.T.: 3.534 min
Delta R.T.: 0.000 mi
Response: 197441141
Conc: 75.03 ng/m

Instrument :
ECD_L
ClientSampleId :
PTOXICC750



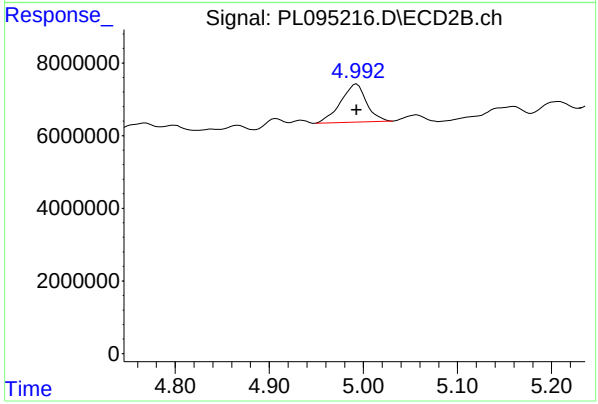
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 279885162
Conc: 75.83 ng/ml



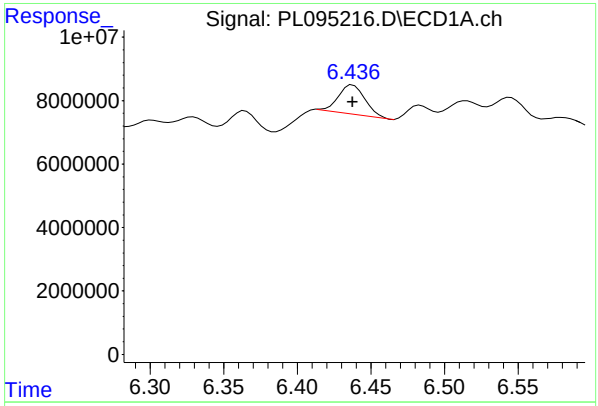
#2 Toxaphene-1

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 20651231
Conc: 759.42 ng/ml



#2 Toxaphene-1

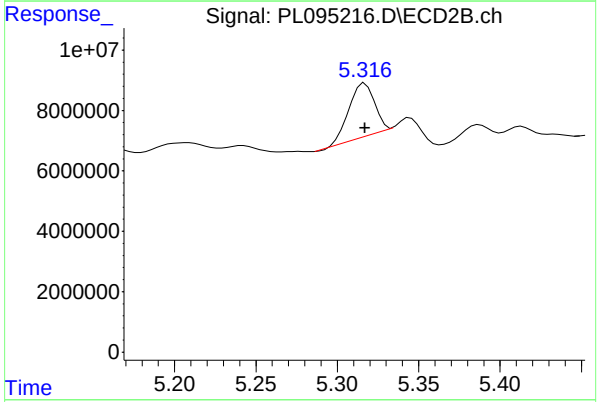
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 19994043
Conc: 744.14 ng/ml



#3 Toxaphene-2

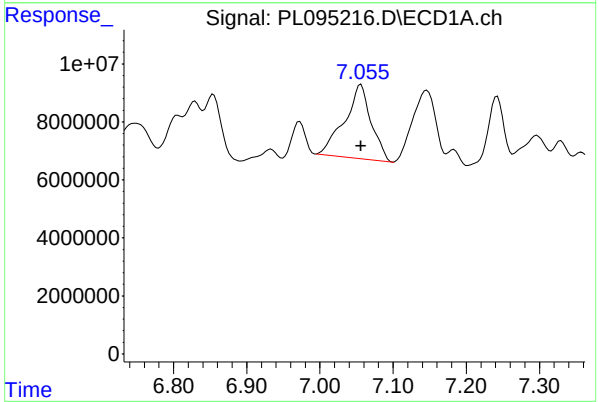
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 11595171
Conc: 758.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC750



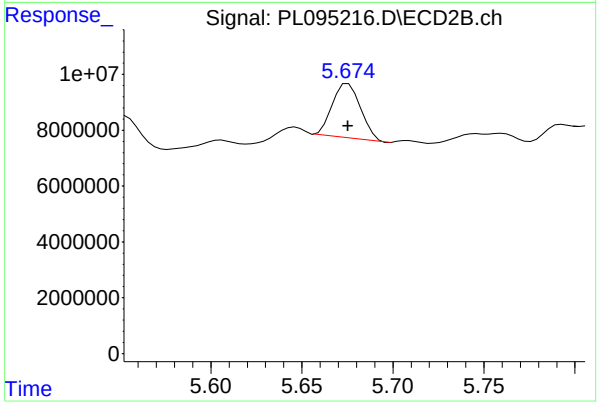
#3 Toxaphene-2

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 19006361
Conc: 759.36 ng/ml



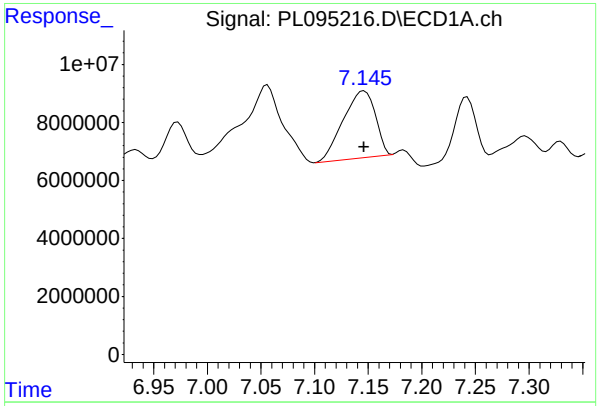
#4 Toxaphene-3

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 64471325
Conc: 766.56 ng/ml



#4 Toxaphene-3

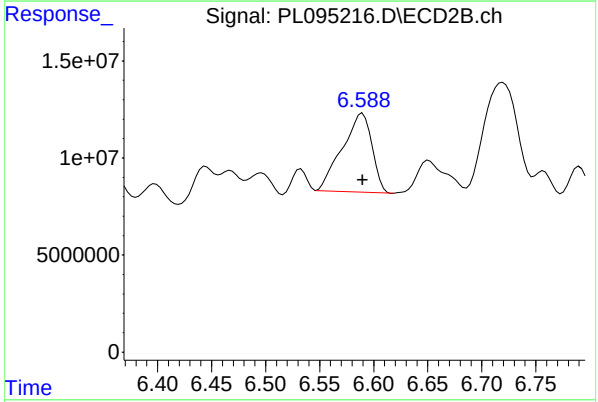
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 21167282
Conc: 752.91 ng/ml



#5 Toxaphene-4

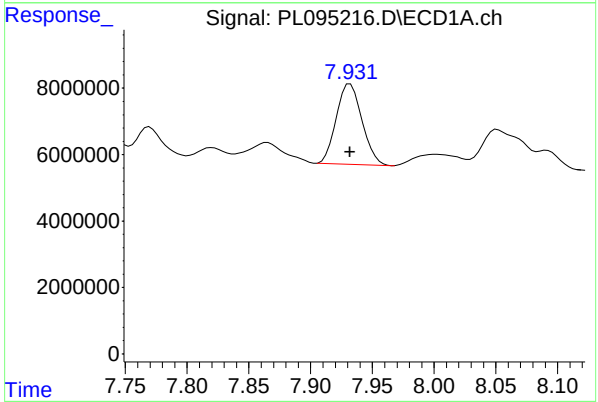
R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 48222350
Conc: 753.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC750



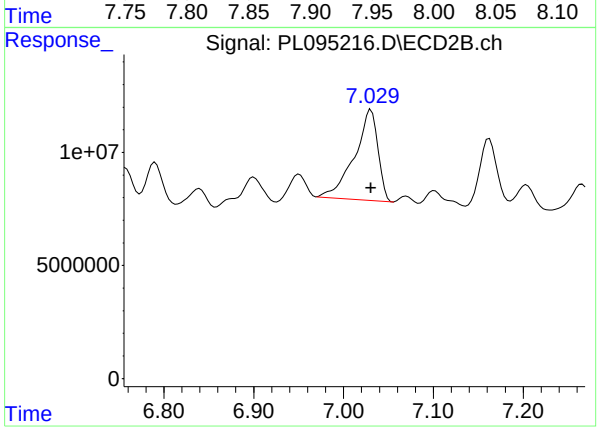
#5 Toxaphene-4

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 77415623
Conc: 766.19 ng/ml



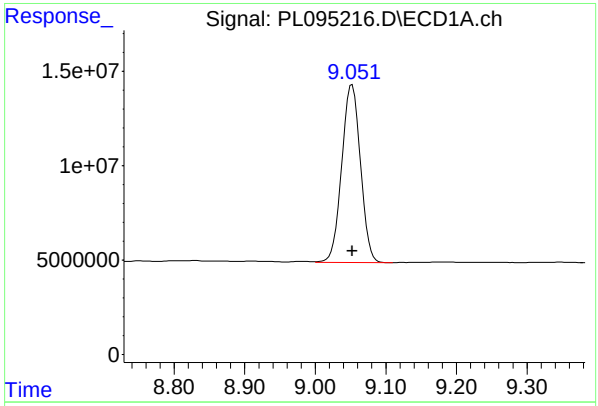
#6 Toxaphene-5

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 35093191
Conc: 763.24 ng/ml



#6 Toxaphene-5

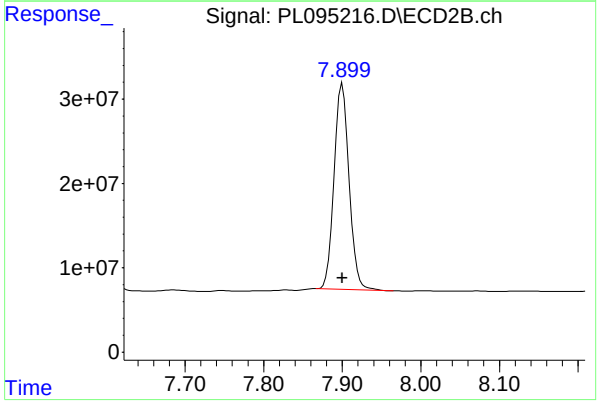
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 73163589
Conc: 728.54 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 173197879
Conc: 75.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC750



#7 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 323432531
Conc: 75.08 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 18:05
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 18:20:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:20:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.535	2.768	132.6E6	180.0E6	50.000	50.000
7) SA	Decachlor...	9.053	7.899	118.1E6	216.2E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.234	4.992	13687983	13749887	500.000	500.000
3)	Toxaphene-2	6.438	5.317	7458387	12707474	500.000	500.000
4)	Toxaphene-3	7.056	5.675	41470983	13732893	500.000	500.000
5)	Toxaphene-4	7.147	6.590	32465841	48370923	500.000	500.000
6)	Toxaphene-5	7.932	7.030	23111792	53454651	500.000	500.000

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

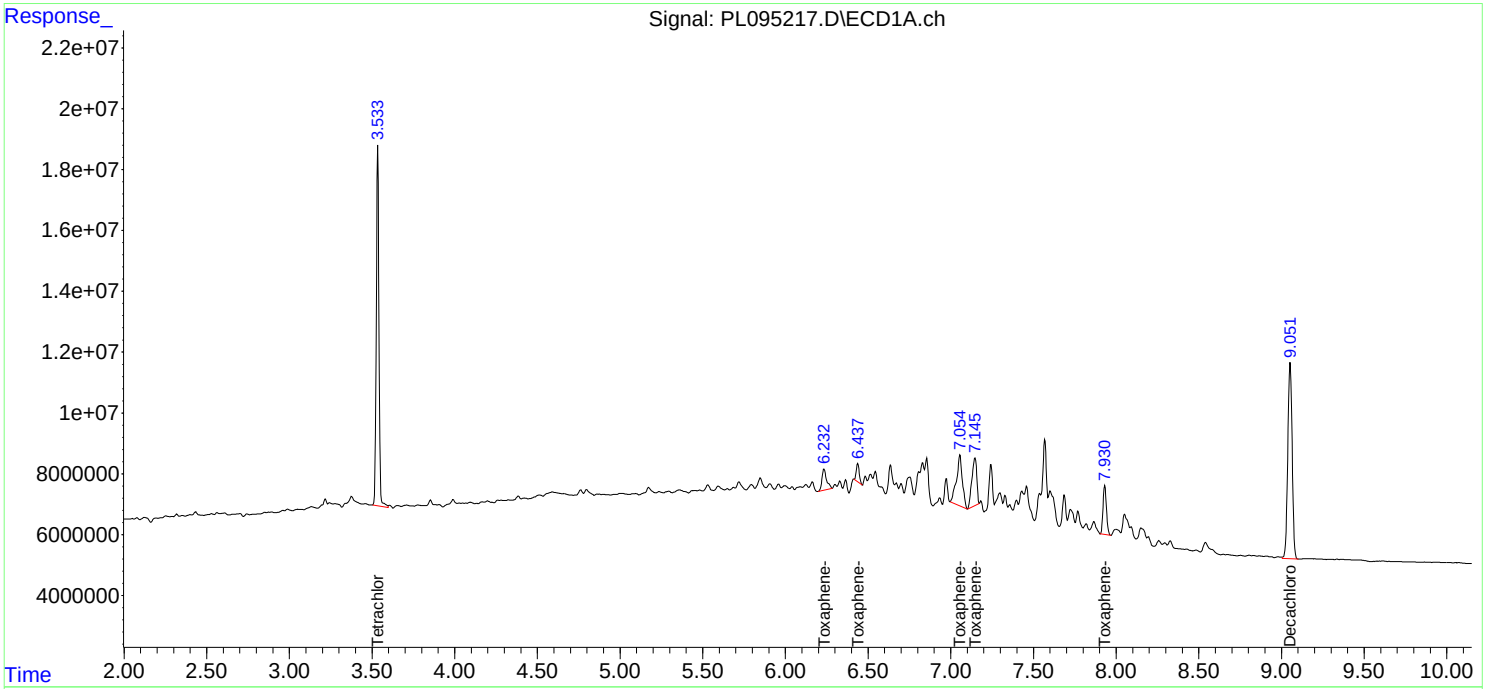
ICAL Form

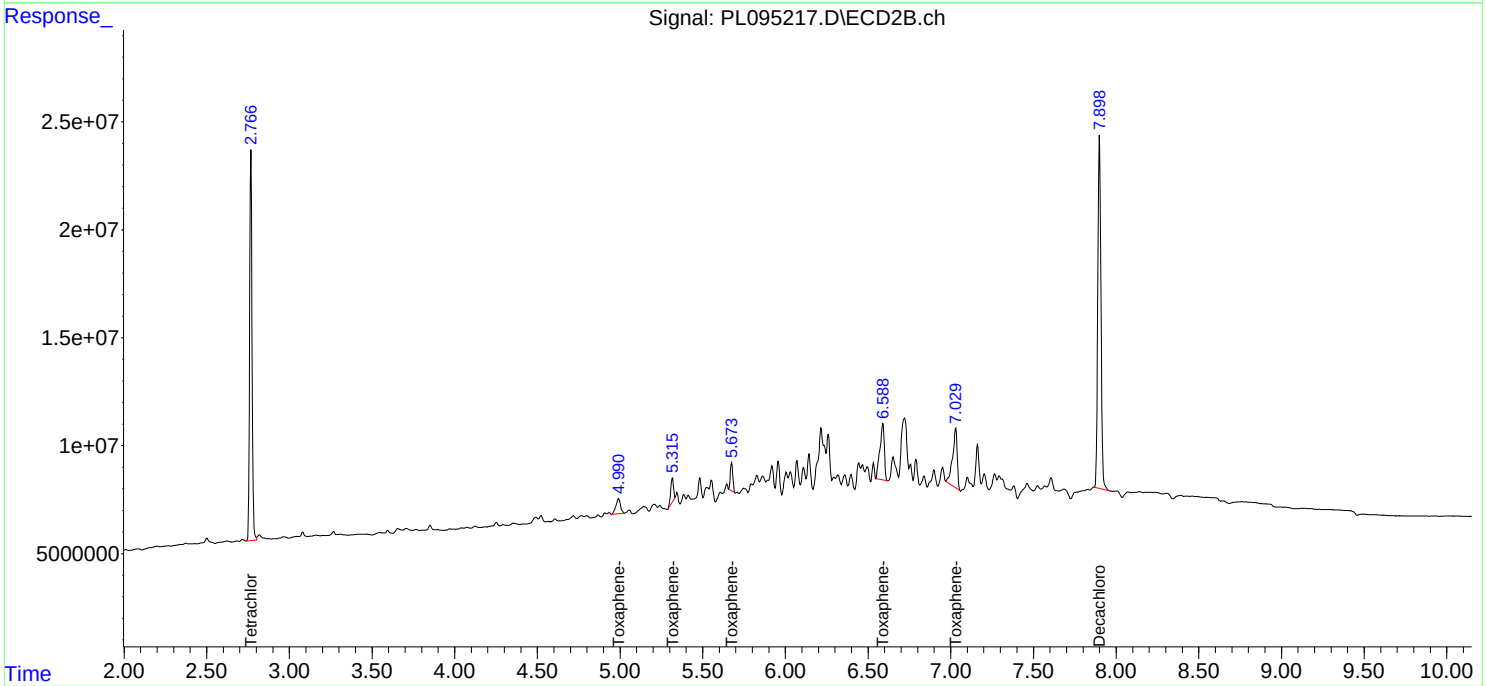
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 18:05
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

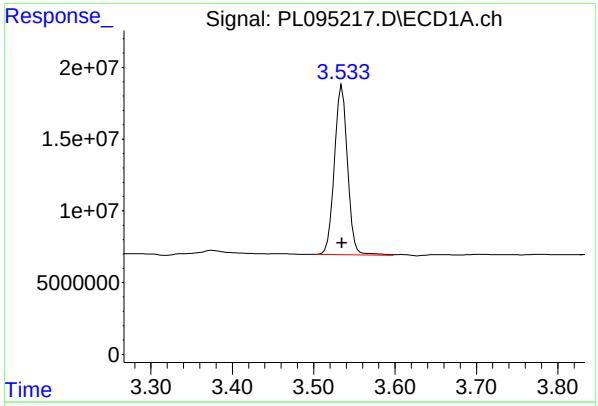
Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 18:20:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:20:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



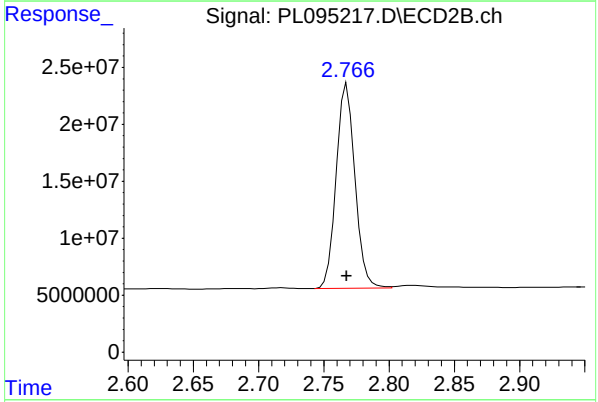




#1 Tetrachloro-m-xylene

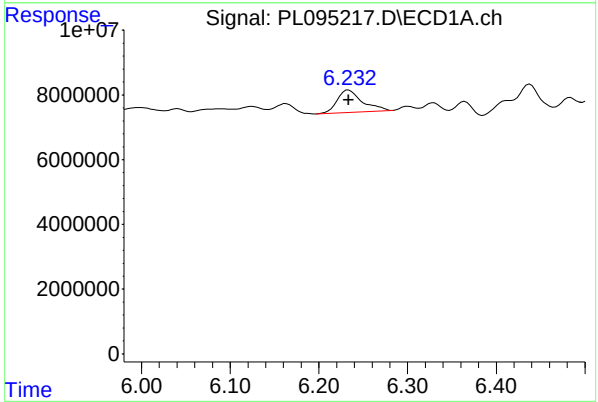
R.T.: 3.535 min
Delta R.T.: 0.000 mi
Response: 132645507
Conc: 50.00 ng/m

Instrument :
ECD_L
ClientSampleId :
PTOXICC500



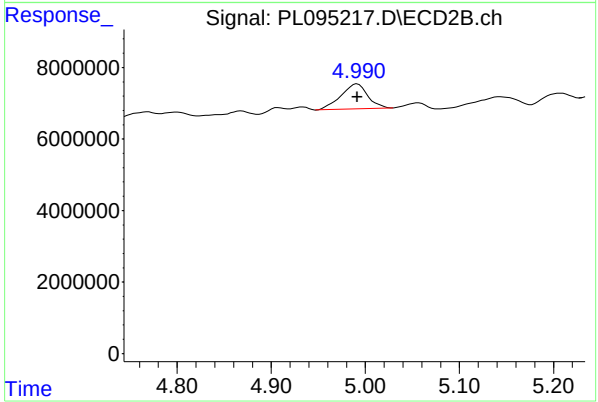
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 179975843
Conc: 50.00 ng/ml



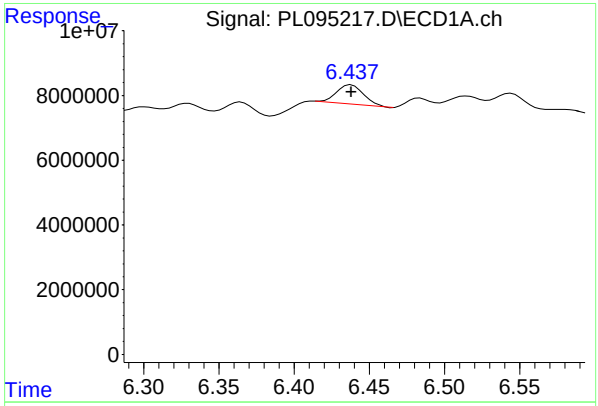
#2 Toxaphene-1

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 13687983
Conc: 500.00 ng/ml



#2 Toxaphene-1

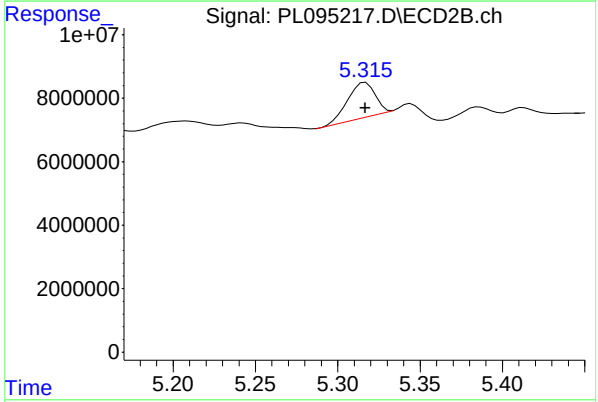
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 13749887
Conc: 500.00 ng/ml



#3 Toxaphene-2

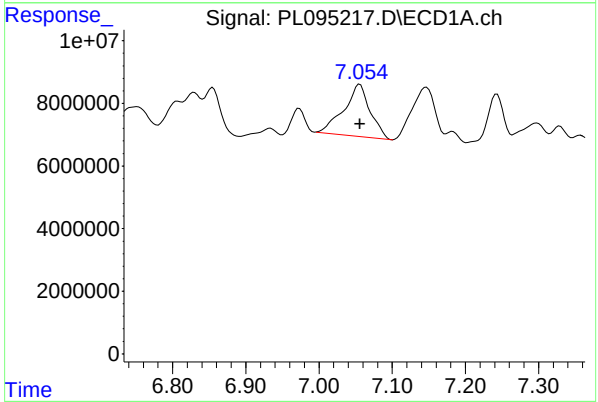
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 7458387
Conc: 500.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC500



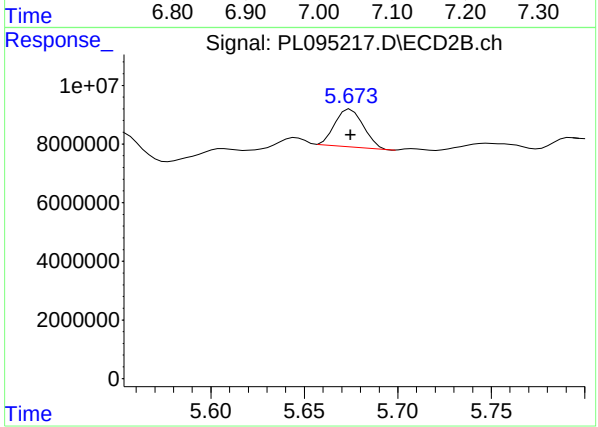
#3 Toxaphene-2

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 12707474
Conc: 500.00 ng/ml



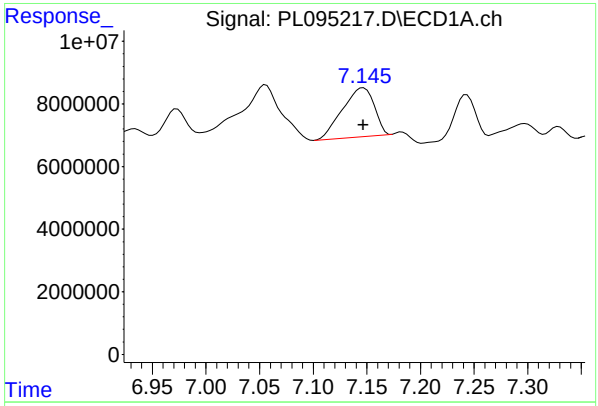
#4 Toxaphene-3

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 41470983
Conc: 500.00 ng/ml



#4 Toxaphene-3

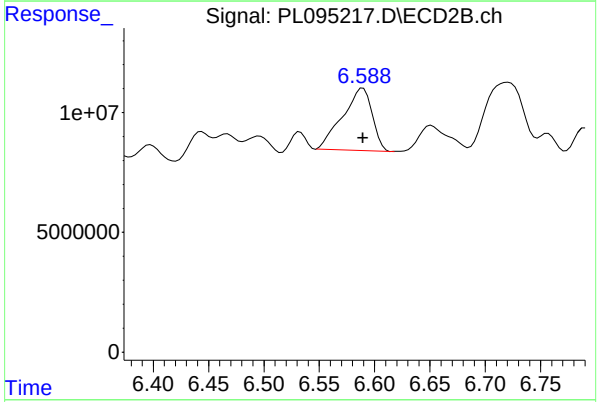
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 13732893
Conc: 500.00 ng/ml



#5 Toxaphene-4

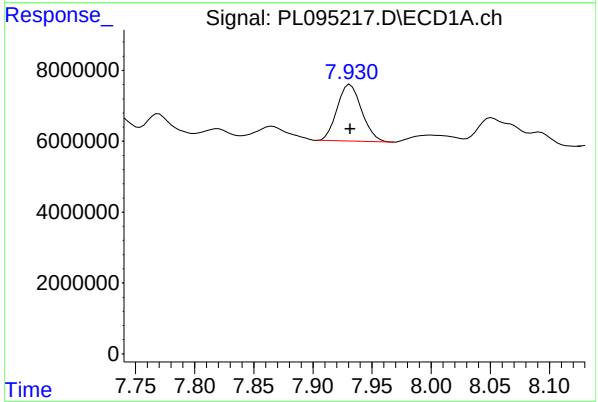
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 32465841
Conc: 500.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC500



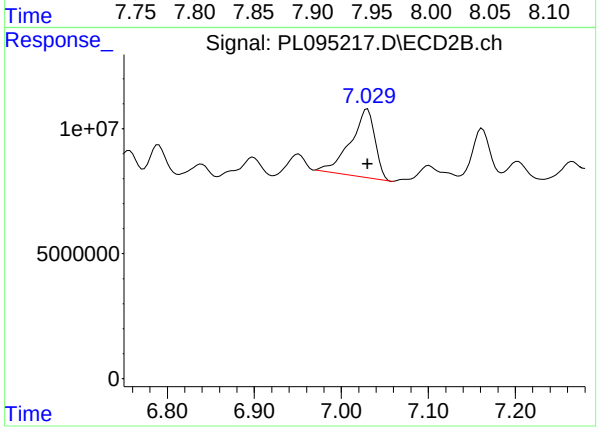
#5 Toxaphene-4

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 48370923
Conc: 500.00 ng/ml



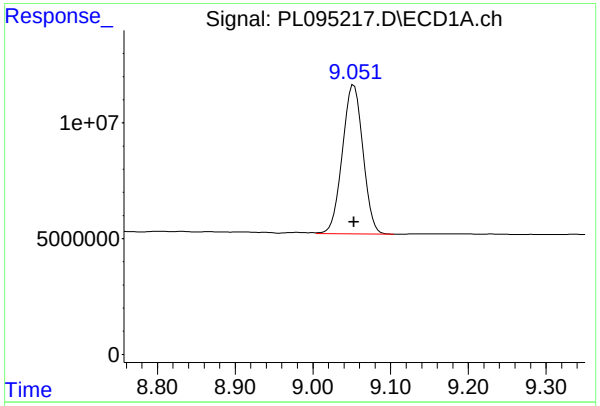
#6 Toxaphene-5

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 23111792
Conc: 500.00 ng/ml



#6 Toxaphene-5

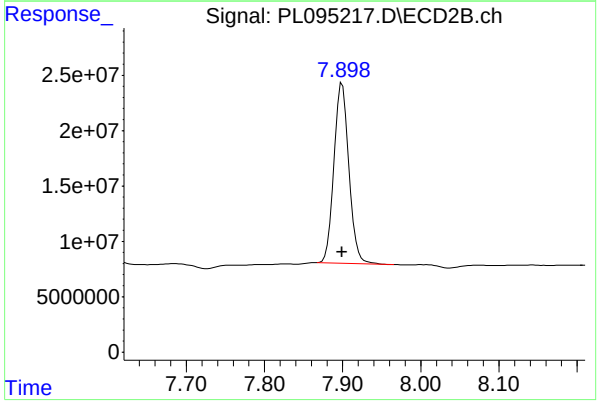
R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 53454651
Conc: 500.00 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 mi
Response: 118101091
Conc: 50.00 ng/m

Instrument :
ECD_L
ClientSampleId :
PTOXICC500



#7 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 216197801
Conc: 50.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095218.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 18:19
Operator : AR\AJ
Sample : PTOXICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC250

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/15/2025
Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 18:37:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:37:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.535	2.767	66276546	88616377	25.140	24.249
7)	SA Decachlor...	9.053	7.899	59301889	106.8E6	25.578	24.840
	Target Compounds						
2)	Toxaphene-1	6.233	4.992	6862157	6575674	251.755	246.028
3)	Toxaphene-2	6.437	5.317	4024948	6211715	259.957	248.630
4)	Toxaphene-3	7.055	5.675	20061494	6170651	241.299	226.394
5)	Toxaphene-4	7.145	6.590	15937208	21778885	249.247	223.238
6)	Toxaphene-5	7.932	7.029	10928418	27970803	240.646	272.577m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095218.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 18:19
Operator : AR\AJ
Sample : PTOXICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

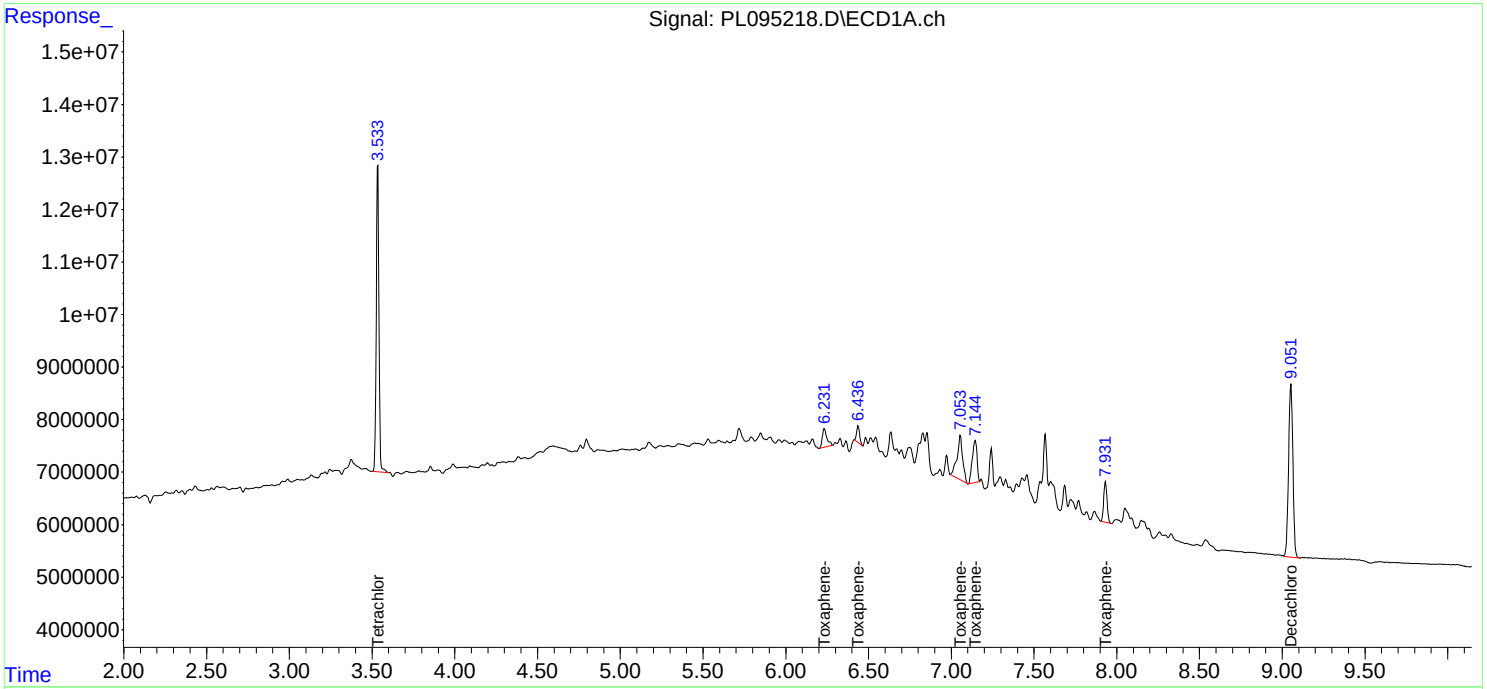
Instrument :
ECD_L
ClientSampleId :
PTOXICC250

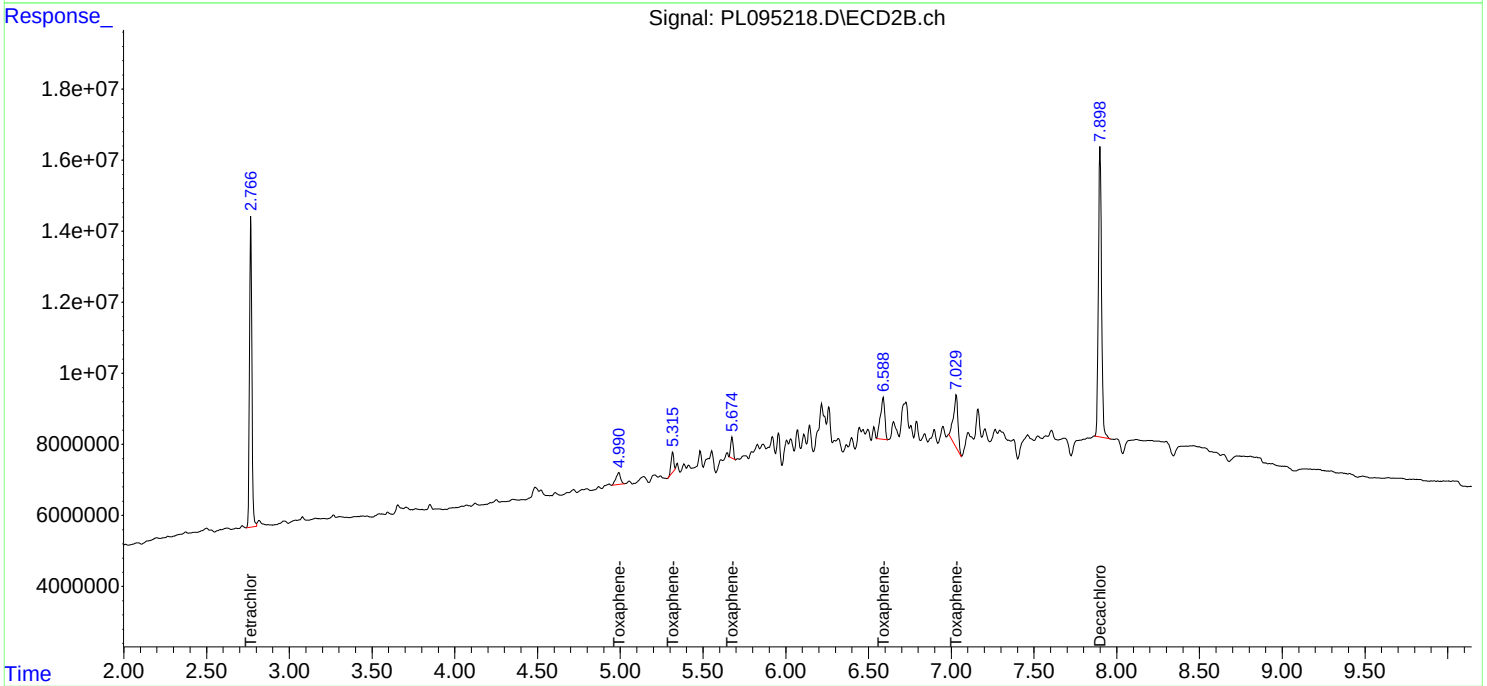
Manual Integrations APPROVED

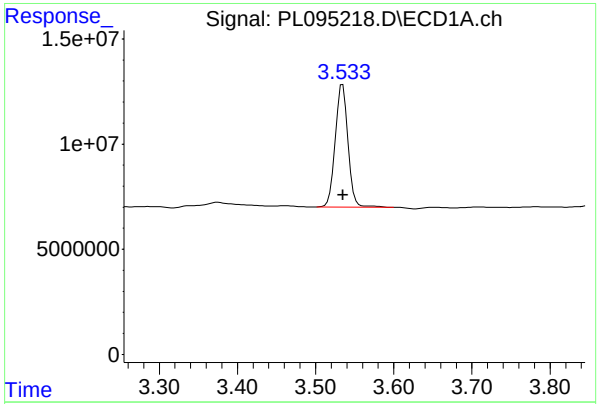
Reviewed By :Abdul Mirza 04/15/2025
Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 18:37:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:37:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm







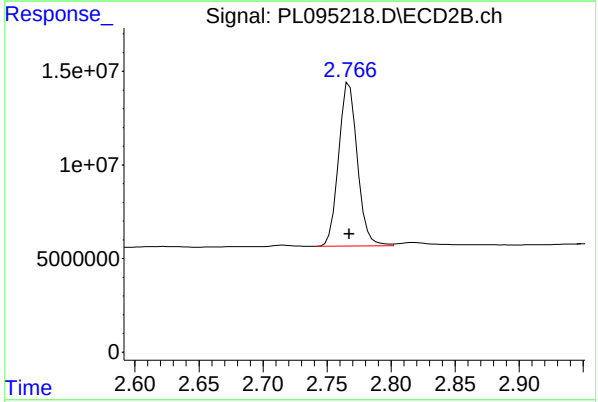
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 66276546
Conc: 25.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC250

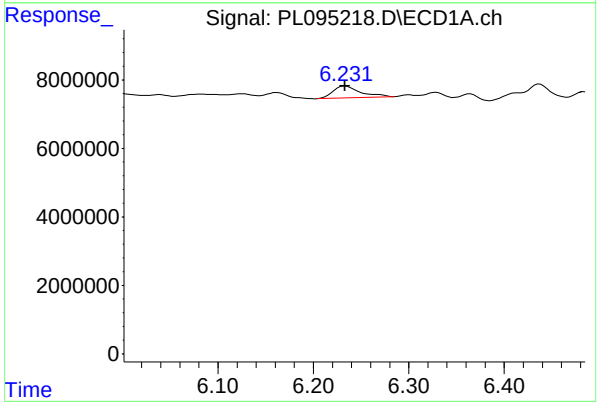
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2025
Supervised By :mohammad ahmed 04/16/2025



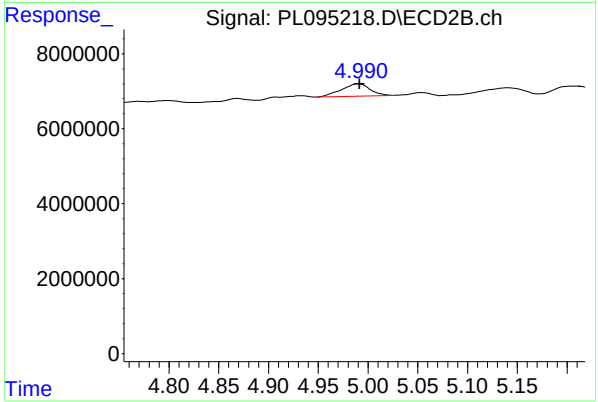
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 88616377
Conc: 24.25 ng/ml



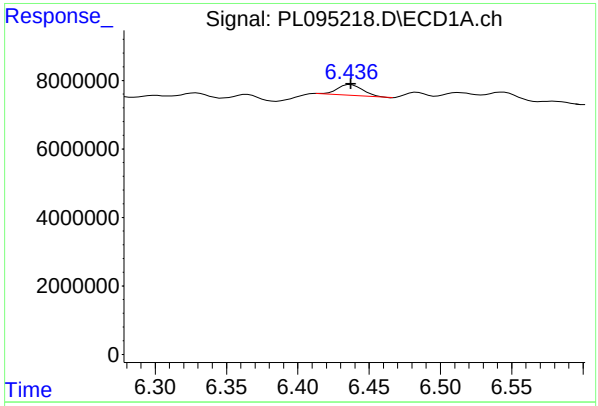
#2 Toxaphene-1

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 6862157
Conc: 251.75 ng/ml



#2 Toxaphene-1

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 6575674
Conc: 246.03 ng/ml



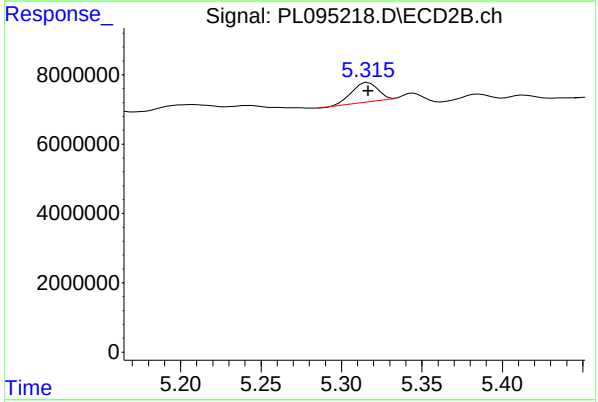
#3 Toxaphene-2

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 4024948
Conc: 259.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC250

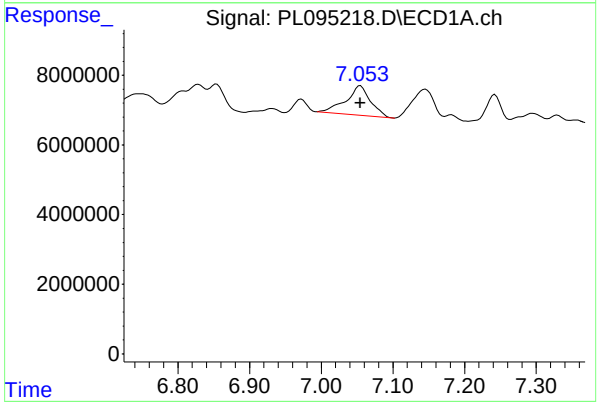
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2025
Supervised By :mohammad ahmed 04/16/2025



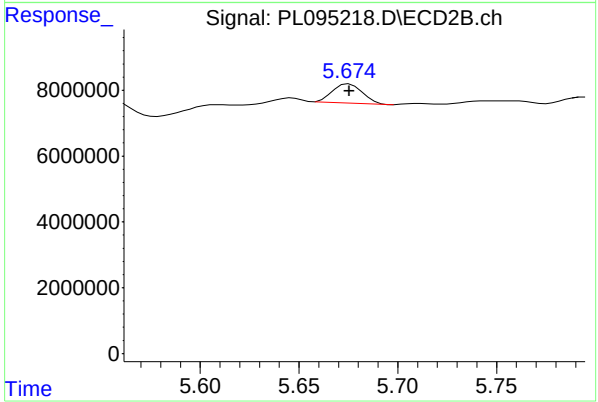
#3 Toxaphene-2

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 6211715
Conc: 248.63 ng/ml



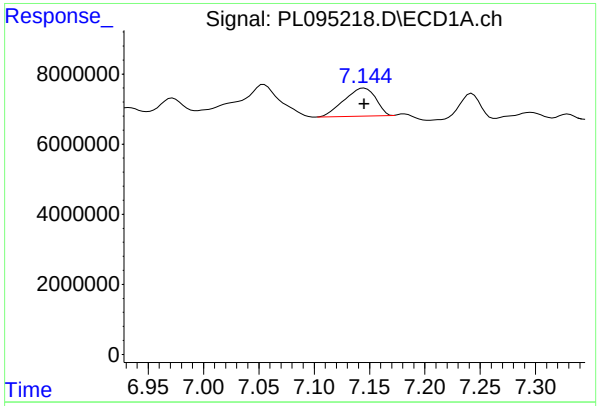
#4 Toxaphene-3

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 20061494
Conc: 241.30 ng/ml



#4 Toxaphene-3

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 6170651
Conc: 226.39 ng/ml



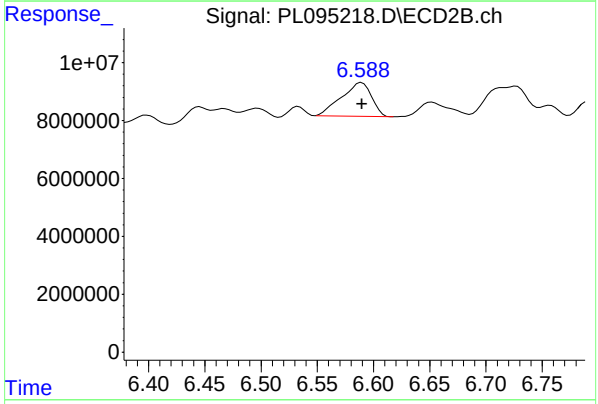
#5 Toxaphene-4

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 15937208
Conc: 249.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC250

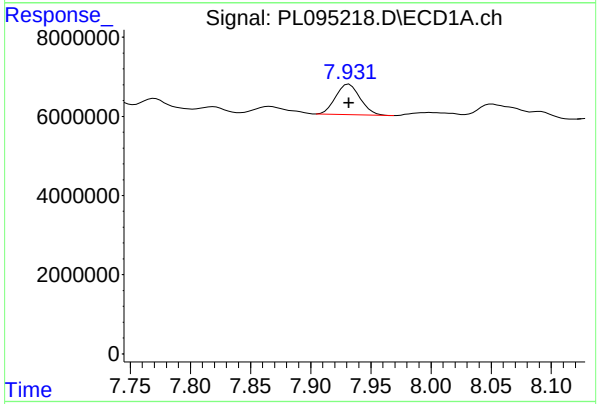
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/15/2025
Supervised By :mohammad ahmed 04/16/2025



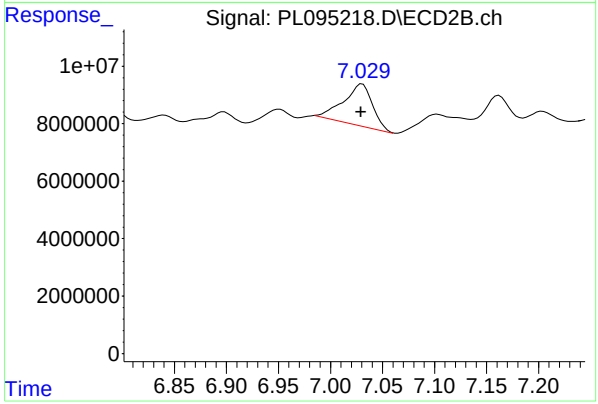
#5 Toxaphene-4

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 21778885
Conc: 223.24 ng/ml



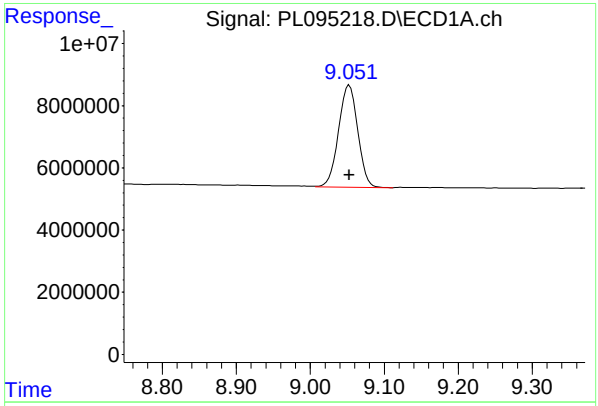
#6 Toxaphene-5

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 10928418
Conc: 240.65 ng/ml



#6 Toxaphene-5

R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 27970803
Conc: 272.58 ng/ml m



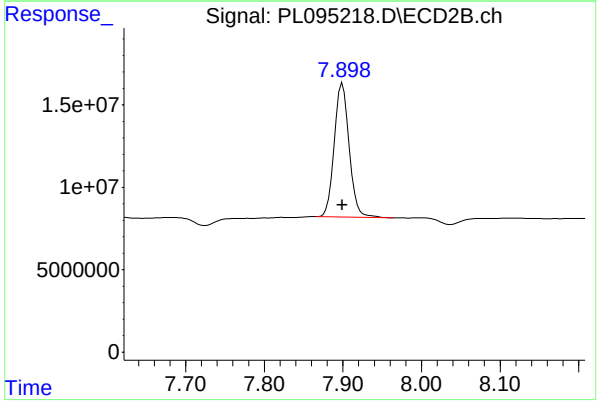
#7 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 mi
Response: 59301889
Conc: 25.58 ng/m

Instrument :
ECD_L
ClientSampleId :
PTOXICC250

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/15/2025
Supervised By :mohammad ahmed 04/16/2025



#7 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 106783142
Conc: 24.84 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 18:32
Operator : AR\AJ
Sample : PTOXICC100
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 18:40:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.535	2.768	29073248	38078987	10.806	10.333
7) SA	Decachlor...	9.053	7.900	26454545	45341854	11.097	10.433
	Target Compounds						
2)	Toxaphene-1	6.233	4.993	3436810	2839286	119.835	104.924
3)	Toxaphene-2	6.439	5.317	1711764	2567648	108.271	102.206
4)	Toxaphene-3	7.056	5.675	8481962	2523685	101.610	93.984
5)	Toxaphene-4	7.146	6.589	6572840	8872281	102.223	92.621
6)	Toxaphene-5	7.932	7.031	4844216	10636094	105.266	102.365

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

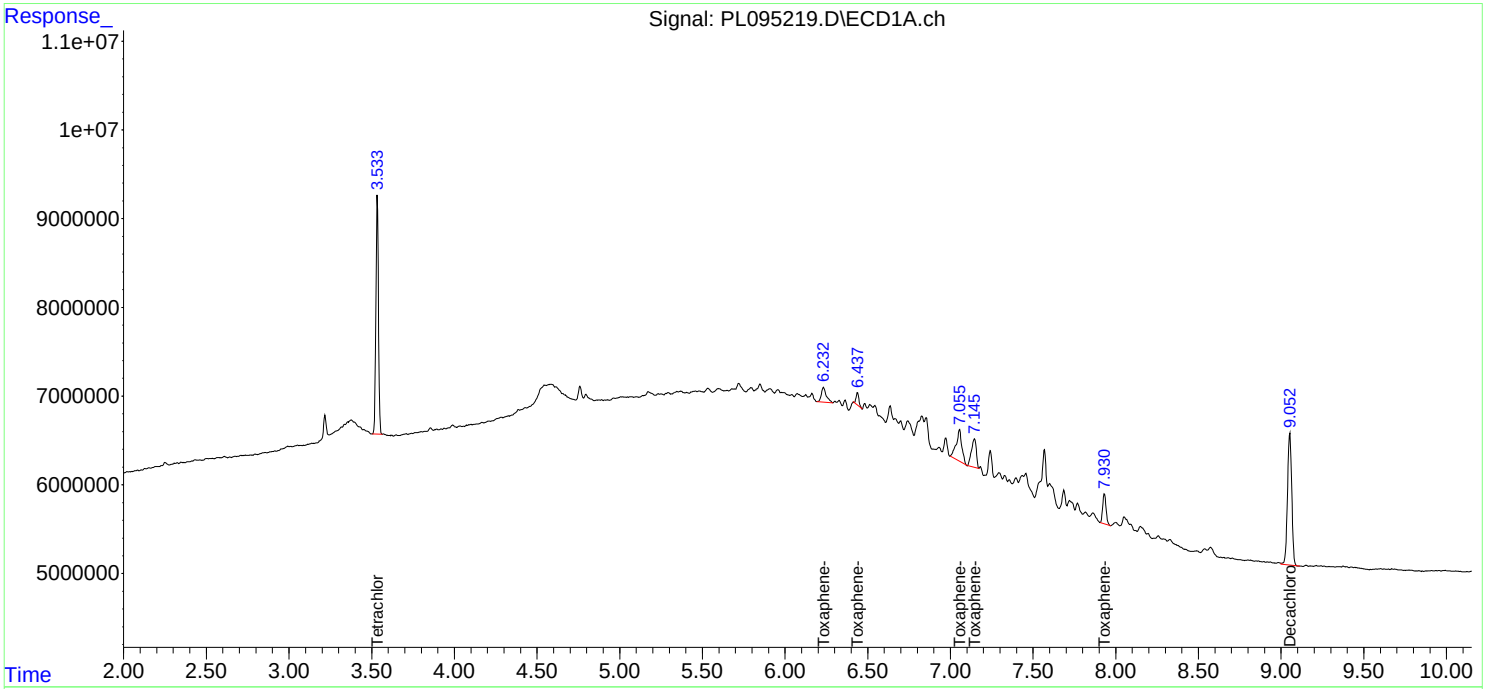
ICAL Form

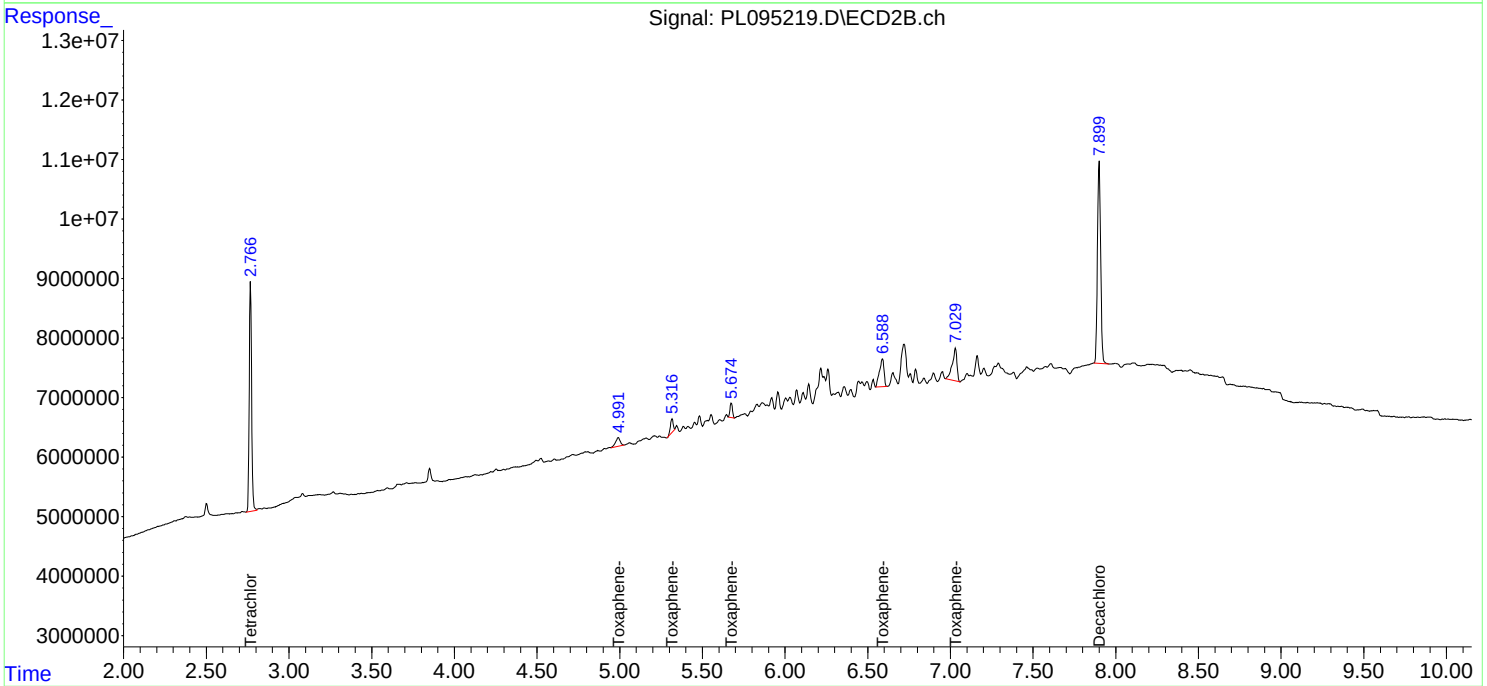
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 18:32
Operator : AR\AJ
Sample : PTOXICC100
Misc :
ALS Vial : 19 Sample Multiplier: 1

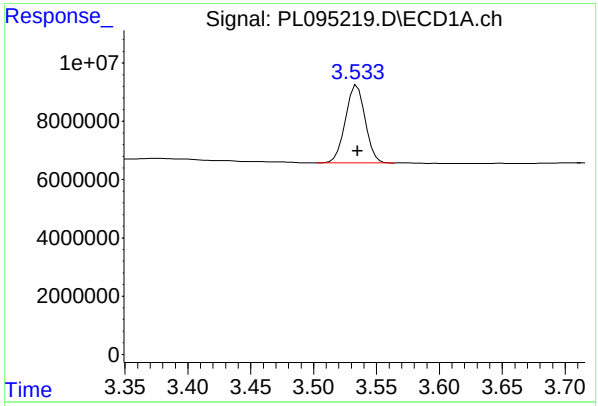
Instrument :
ECD_L
ClientSampleId :
PTOXICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 18:40:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



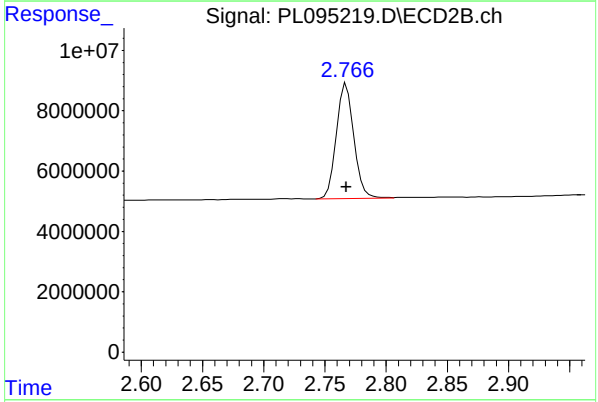




#1 Tetrachloro-m-xylene

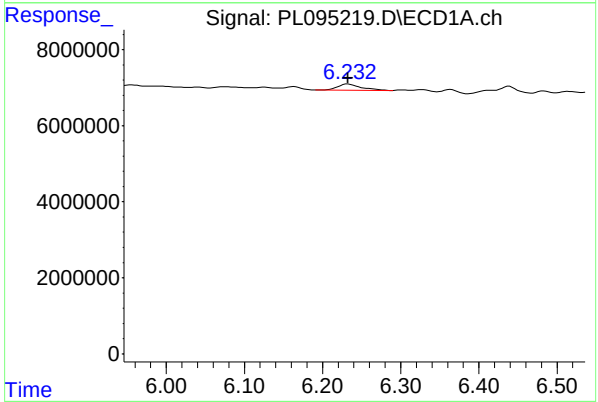
R.T.: 3.535 min
Delta R.T.: 0.000 mi
Response: 29073248
Conc: 10.81 ng/m

Instrument :
ECD_L
ClientSampleId :
PTOXICC100



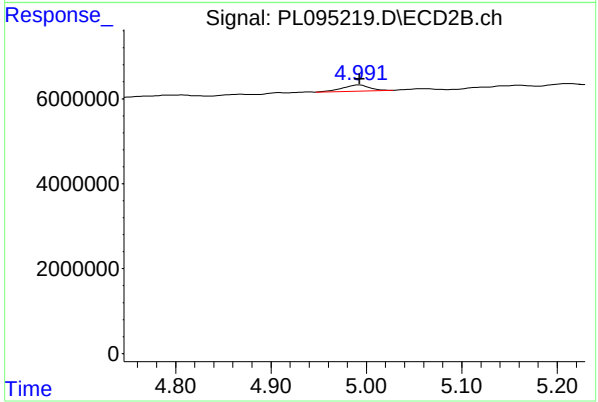
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 38078987
Conc: 10.33 ng/ml



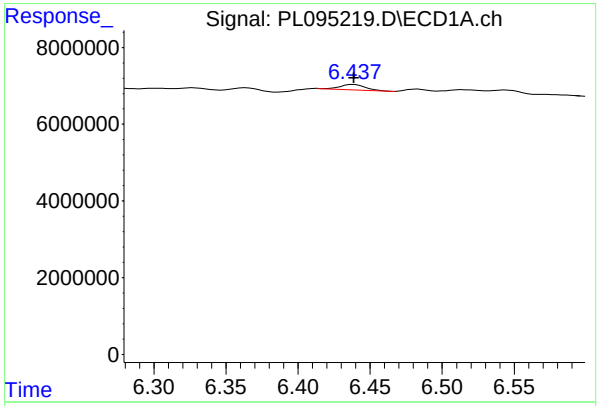
#2 Toxaphene-1

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 3436810
Conc: 119.84 ng/ml



#2 Toxaphene-1

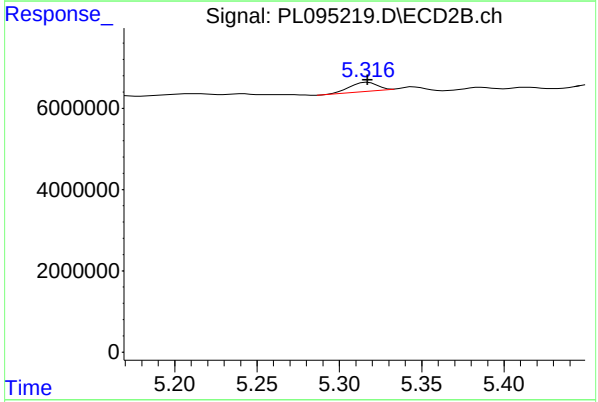
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 2839286
Conc: 104.92 ng/ml



#3 Toxaphene-2

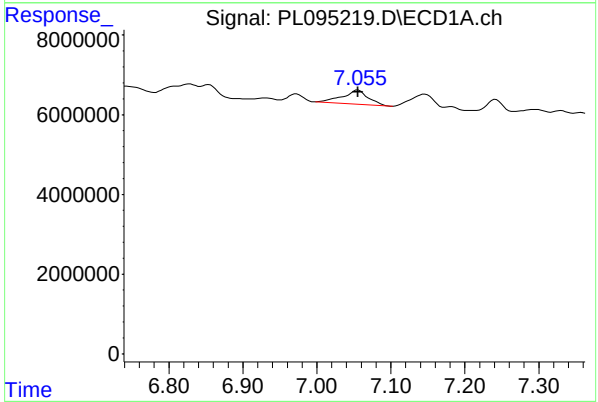
R.T.: 6.439 min
Delta R.T.: 0.000 mi
Response: 1711764
Conc: 108.27 ng/m

Instrument :
ECD_L
ClientSampleId :
PTOXICC100



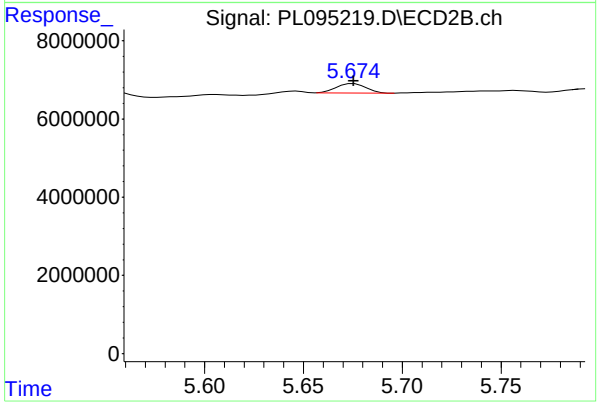
#3 Toxaphene-2

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 2567648
Conc: 102.21 ng/ml



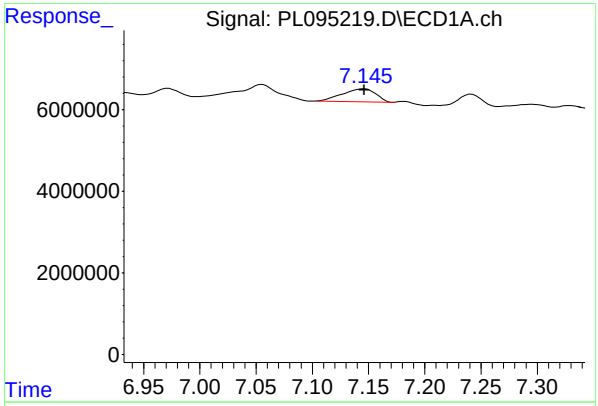
#4 Toxaphene-3

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 8481962
Conc: 101.61 ng/ml



#4 Toxaphene-3

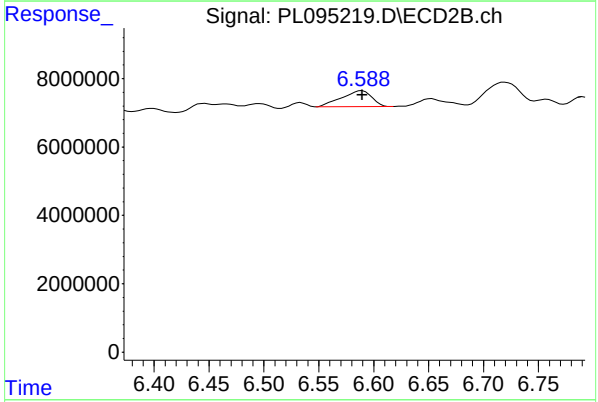
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 2523685
Conc: 93.98 ng/ml



#5 Toxaphene-4

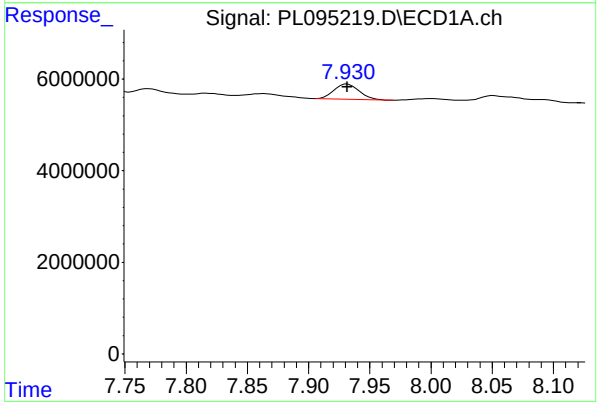
R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 6572840
Conc: 102.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXICC100



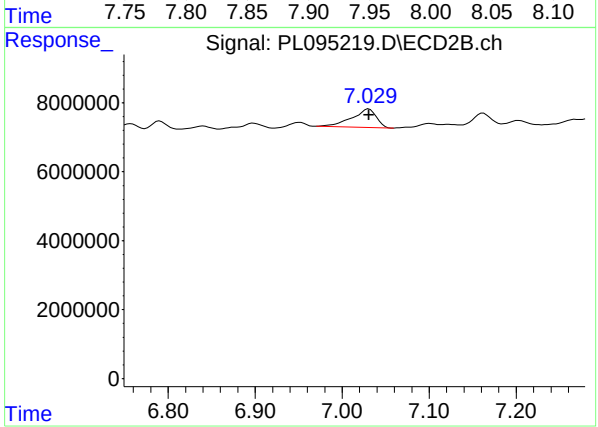
#5 Toxaphene-4

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 8872281
Conc: 92.62 ng/ml



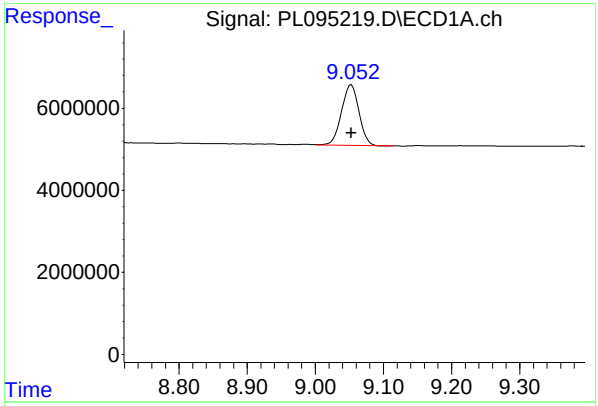
#6 Toxaphene-5

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 4844216
Conc: 105.27 ng/ml



#6 Toxaphene-5

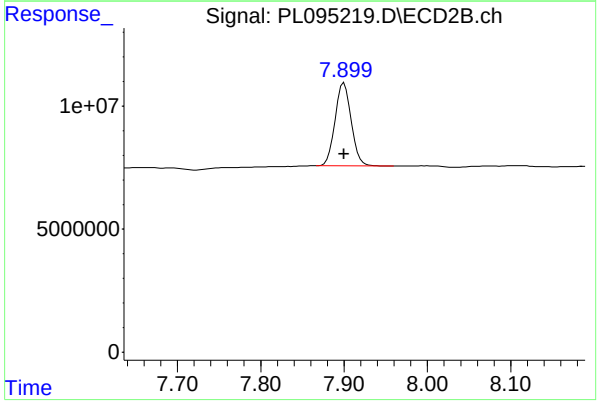
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 10636094
Conc: 102.37 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 mi
Response: 26454545
Conc: 11.10 ng/m

Instrument :
ECD_L
ClientSampleId :
PTOXICC100



#7 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 45341854
Conc: 10.43 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 19:13
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL041425TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 19:21:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:41:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.535	2.768	136.5E6	189.0E6	50.732	51.290
7) SA	Decachlor...	9.052	7.899	120.9E6	222.6E6	50.709	51.215
	Target Compounds						
2)	Toxaphene-1	6.233	4.992	14155817	14818986	493.587	547.626
3)	Toxaphene-2	6.438	5.317	7711487	12930560	487.760	514.703
4)	Toxaphene-3	7.056	5.675	43279402	13686685	518.467	509.702
5)	Toxaphene-4	7.147	6.590	32832240	48927088	510.619	510.766
6)	Toxaphene-5	7.933	7.030	23445213	47908744	509.472	461.089

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

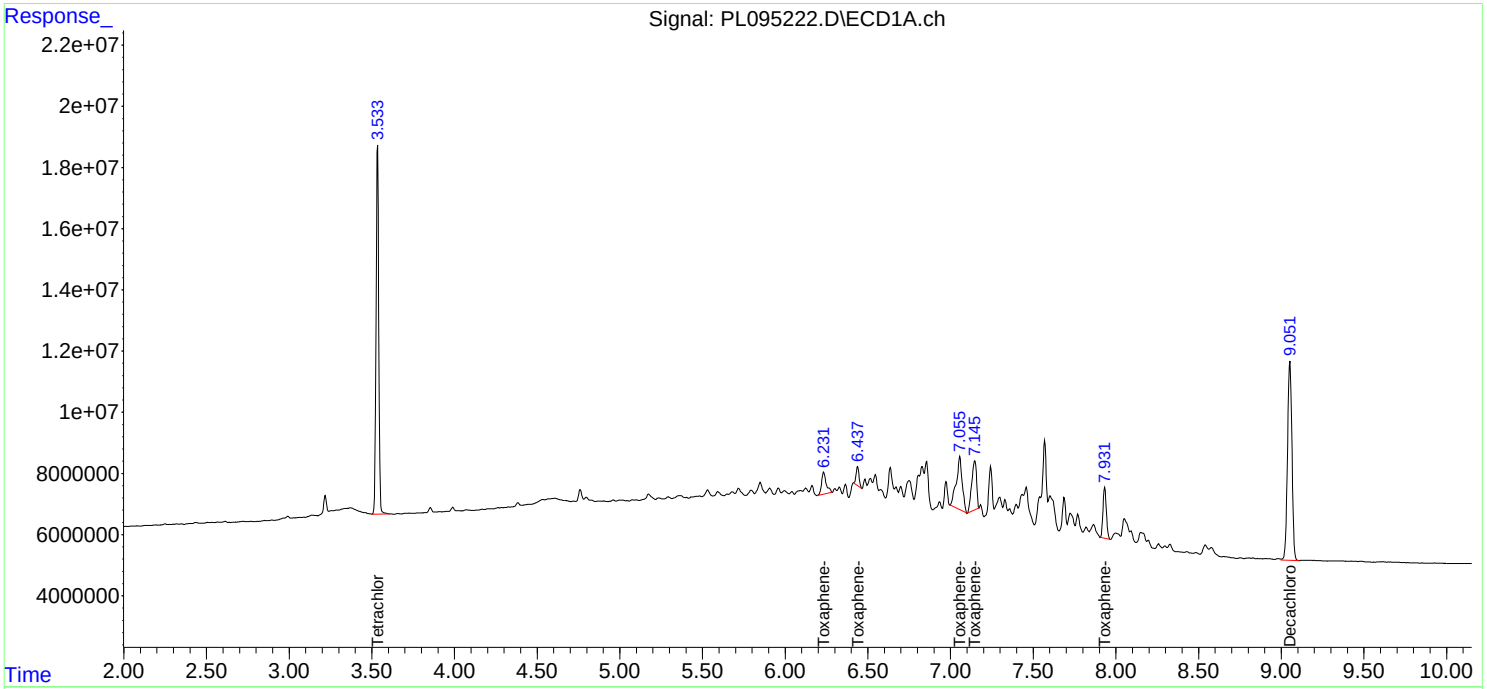
ICAL Form

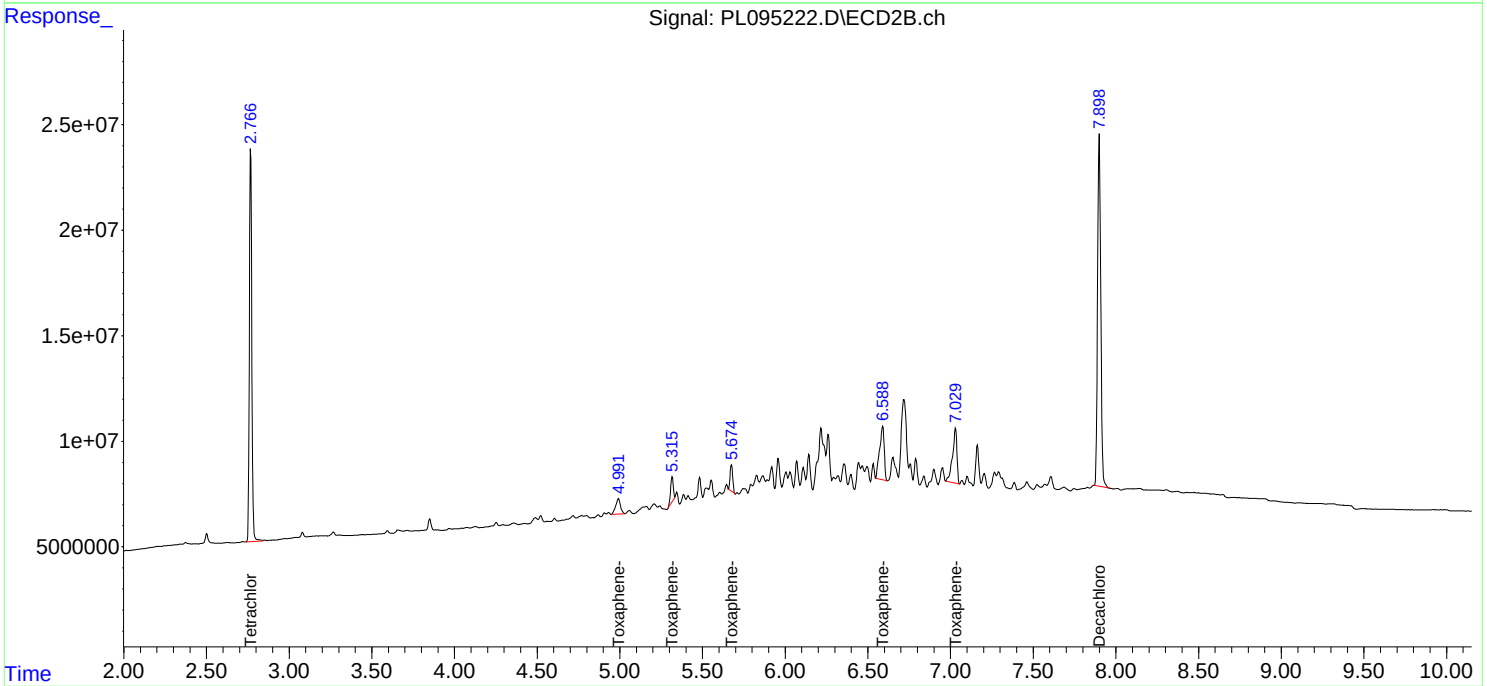
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 19:13
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

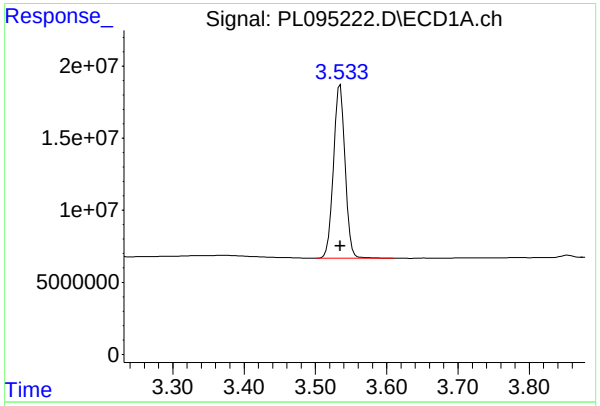
Instrument :
ECD_L
ClientSampleId :
ICVPL041425TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 19:21:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:41:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



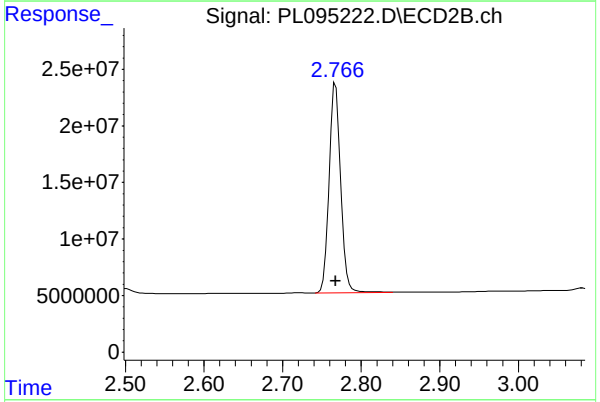




#1 Tetrachloro-m-xylene

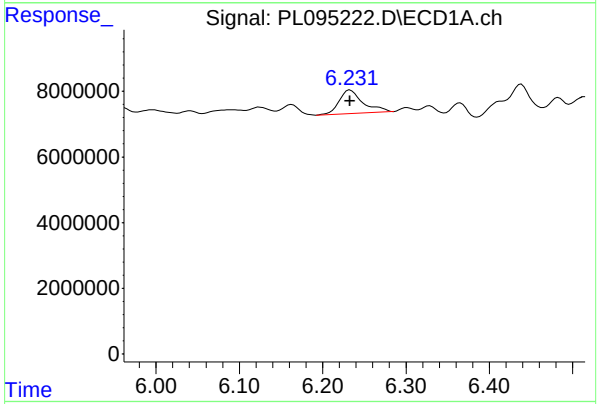
R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 136495079
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL041425TOX



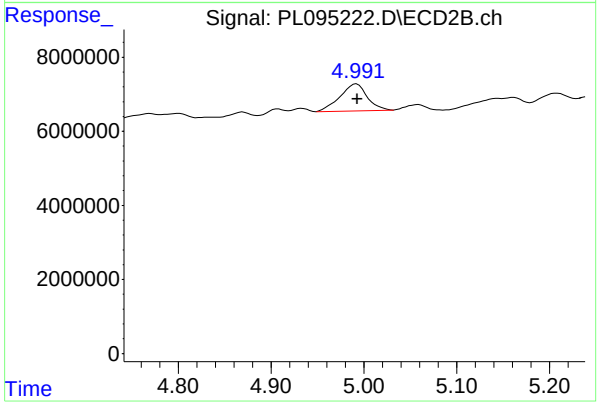
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 189010233
Conc: 51.29 ng/ml



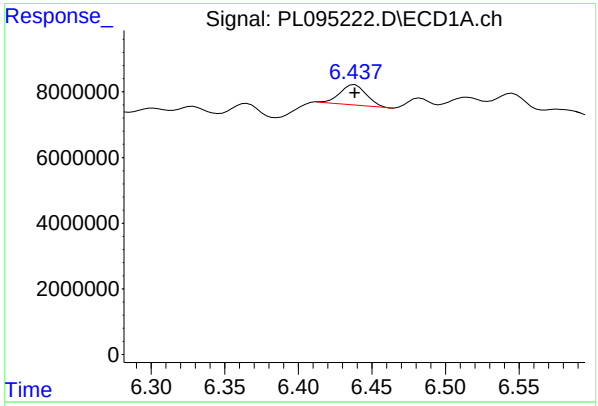
#2 Toxaphene-1

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 14155817
Conc: 493.59 ng/ml



#2 Toxaphene-1

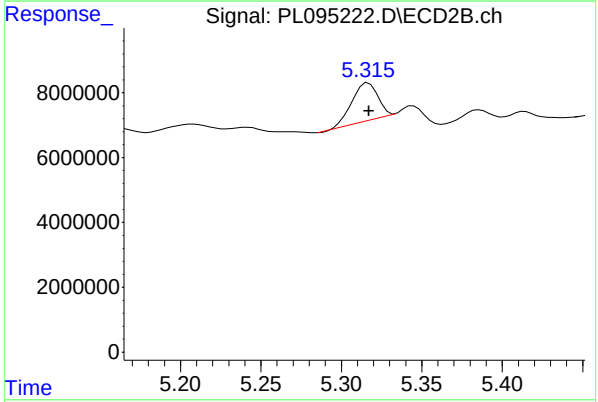
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 14818986
Conc: 547.63 ng/ml



#3 Toxaphene-2

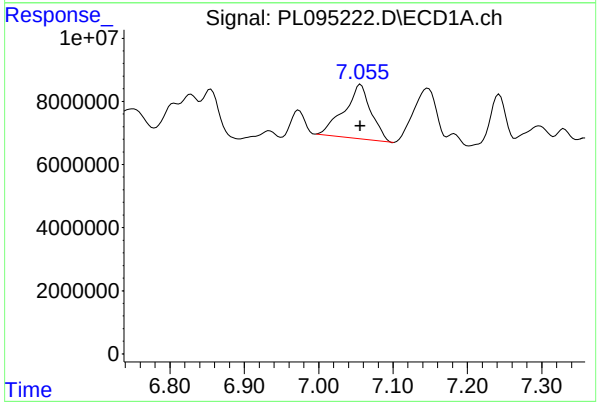
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 7711487
Conc: 487.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL041425TOX



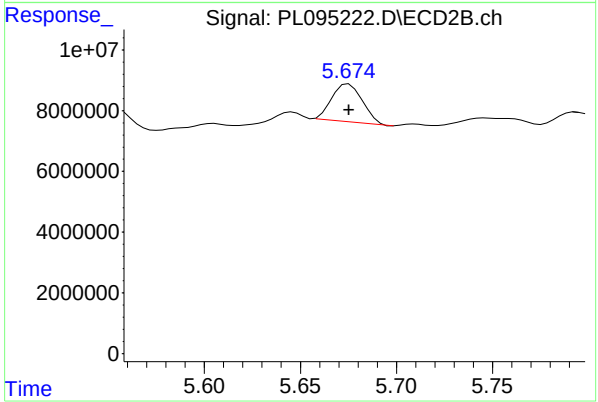
#3 Toxaphene-2

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 12930560
Conc: 514.70 ng/ml



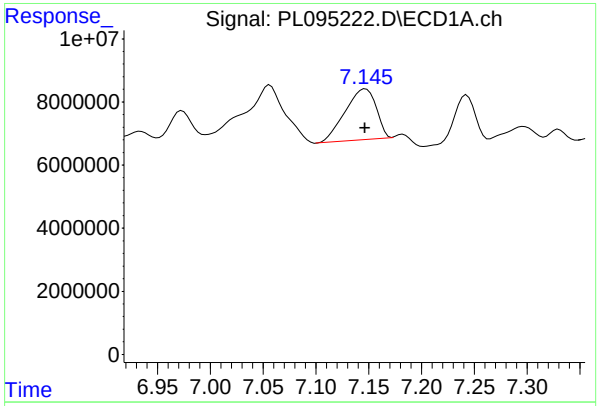
#4 Toxaphene-3

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 43279402
Conc: 518.47 ng/ml



#4 Toxaphene-3

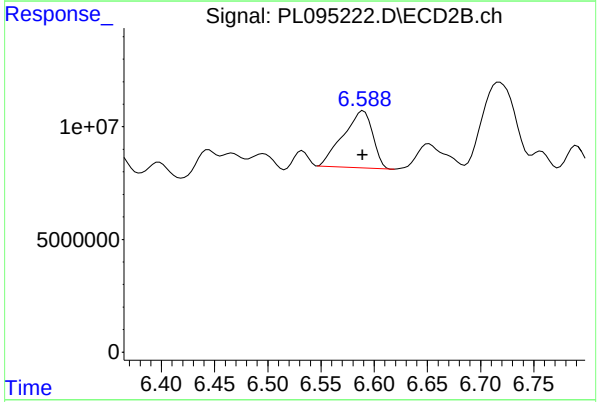
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 13686685
Conc: 509.70 ng/ml



#5 Toxaphene-4

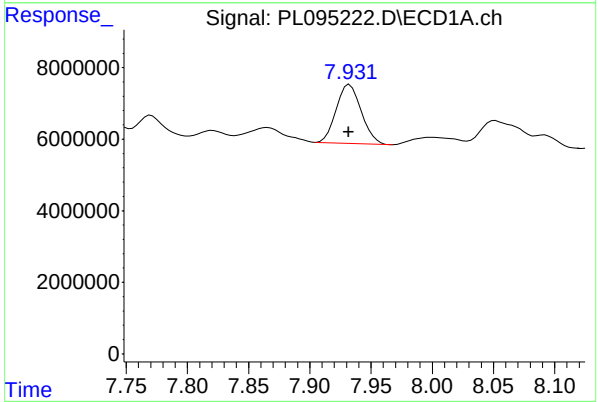
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 32832240
Conc: 510.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL041425TOX



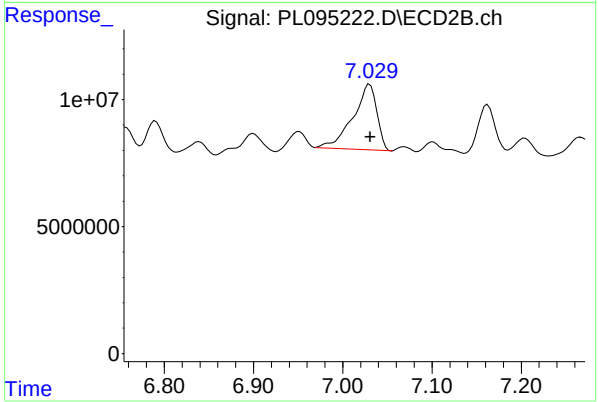
#5 Toxaphene-4

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 48927088
Conc: 510.77 ng/ml



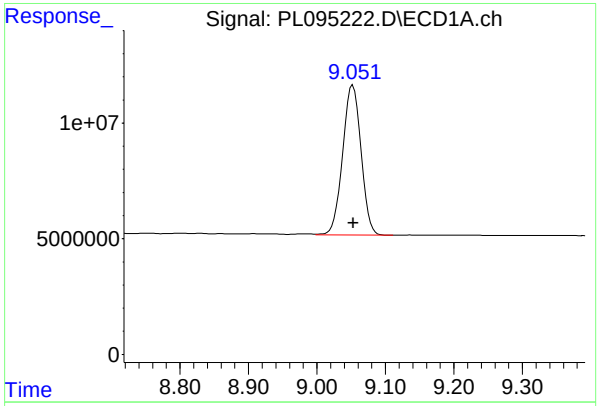
#6 Toxaphene-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 23445213
Conc: 509.47 ng/ml



#6 Toxaphene-5

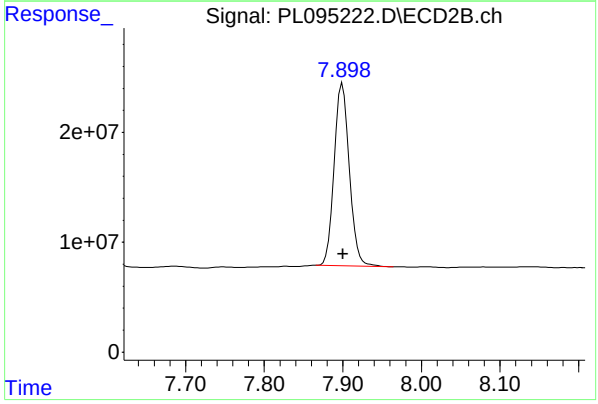
R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 47908744
Conc: 461.09 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 mi
Response: 120882367
Conc: 50.71 ng/m

Instrument :
ECD_L
ClientSampleId :
ICVPL041425TOX



#7 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 222574583
Conc: 51.22 ng/ml

Raw Data: **PL094631.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 12:34 **Initial Calibration Time(s):** 12:51 13:45

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
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)	7.06	7.06	6.96	7.16	0.00
Toxaphene-4	(4)	7.15	7.15	7.05	7.25	0.00
Toxaphene-5	(5)	7.94	7.93	7.83	8.03	-0.01
Decachlorobiphenyl		9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene		3.54	3.54	3.44	3.64	0.00

Raw Data: **PL094631.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 12:34 **Initial Calibration Time(s):** 12:51 13:45

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Toxaphene-1	(1)	5.00	5.00	4.90	5.10	0.00
Toxaphene-2	(2)	5.32	5.32	5.22	5.42	0.00
Toxaphene-3	(3)	5.68	5.68	5.58	5.78	0.00
Toxaphene-4	(4)	6.59	6.60	6.50	6.70	0.01
Toxaphene-5	(5)	7.04	7.04	6.94	7.14	0.01
Decachlorobiphenyl		7.91	7.91	7.81	8.01	0.00
Tetrachloro-m-xylene		2.77	2.77	2.67	2.87	0.00

Raw Data: **PL094631.D**

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CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/12/2025

Lab Sample No.: PTOXCCC500 **Data File :** PL094631.D **Time Analyzed:** 12:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.058	8.954	9.154	49.460	50.000	-1.1
Tetrachloro-m-xylene	3.542	3.438	3.638	46.870	50.000	-6.3
Toxaphene-1	6.238	6.136	6.336	492.430	500.000	-1.5
Toxaphene-2	6.443	6.341	6.541	590.250	500.000	18.1
Toxaphene-3	7.061	6.959	7.159	463.000	500.000	-7.4
Toxaphene-4	7.152	7.049	7.249	469.460	500.000	-6.1
Toxaphene-5	7.936	7.834	8.034	474.220	500.000	-5.2

Raw Data: **PL094631.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/12/2025

Lab Sample No.: PTOXCCC500 **Data File :** PL094631.D **Time Analyzed:** 12:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.905	7.807	8.007	49.650	50.000	-0.7
Tetrachloro-m-xylene	2.770	2.672	2.872	49.120	50.000	-1.8
Toxaphene-1	4.998	4.899	5.099	507.350	500.000	1.5
Toxaphene-2	5.321	5.224	5.424	477.820	500.000	-4.4
Toxaphene-3	5.680	5.582	5.782	465.870	500.000	-6.8
Toxaphene-4	6.594	6.496	6.696	470.510	500.000	-5.9
Toxaphene-5	7.035	6.938	7.138	480.130	500.000	-4.0

Sample Results: **PL094631.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094631.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 12:34
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 12:52:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:54:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.542	2.770	134.3E6	179.8E6	46.872	49.121
7) SA	Decachlor...	9.058	7.905	106.6E6	209.1E6	49.462	49.647
	Target Compounds						
2)	Toxaphene-1	6.238	4.998	12776236	13659830	492.432	507.350
3)	Toxaphene-2	6.443	5.321	9664506	12403773	590.253	477.822
4)	Toxaphene-3	7.061	5.680	38700169	13020168	462.999	465.868
5)	Toxaphene-4	7.152	6.594	29748099	45527263	469.457	470.506
6)	Toxaphene-5	7.936	7.035	21440907	44129057	474.223	480.126

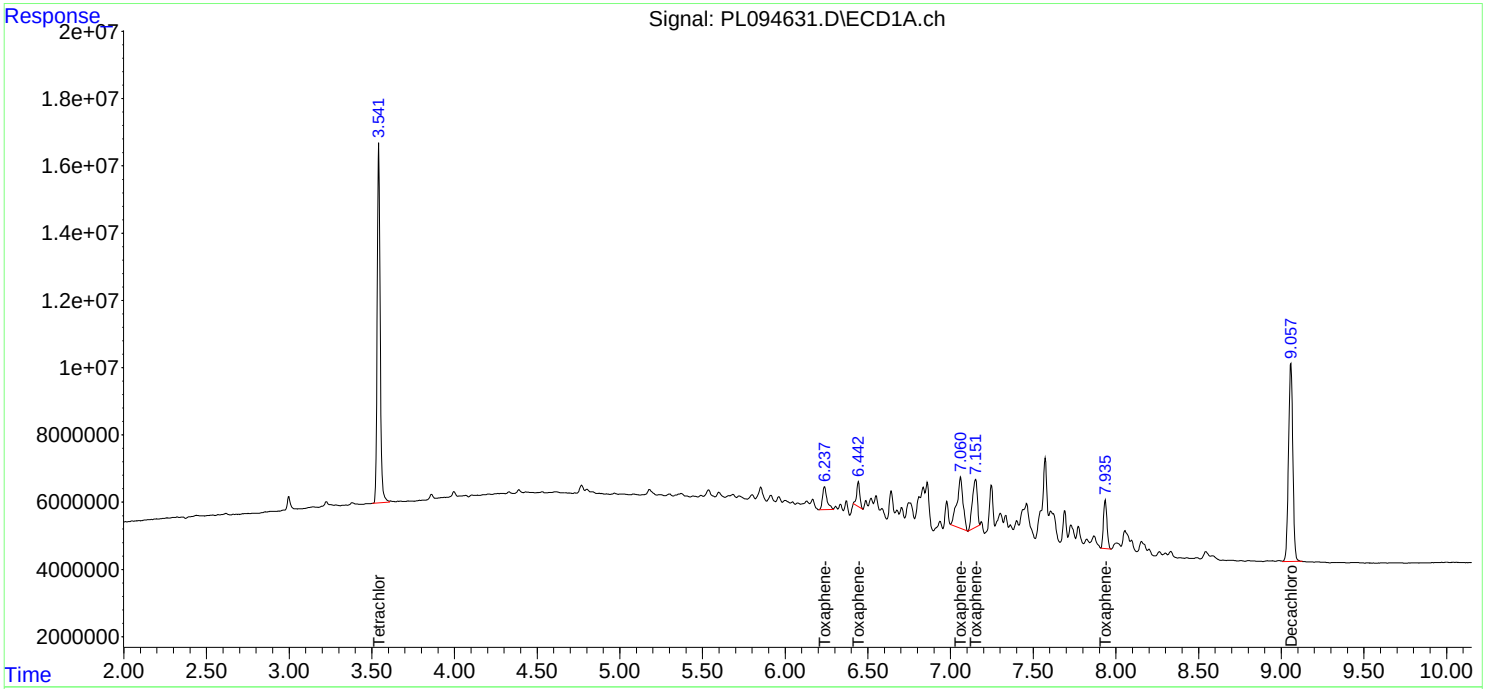
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

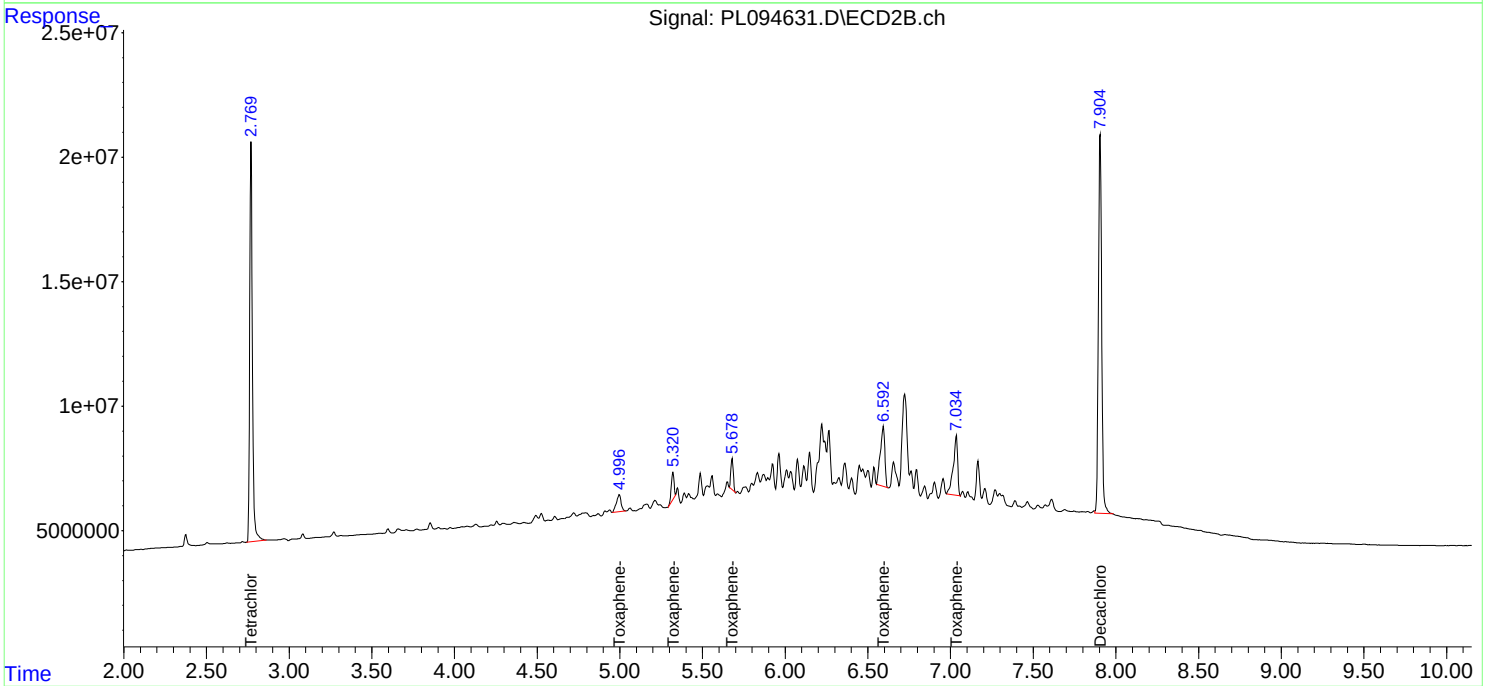
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094631.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 12:34
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 11 Sample Multiplier: 1

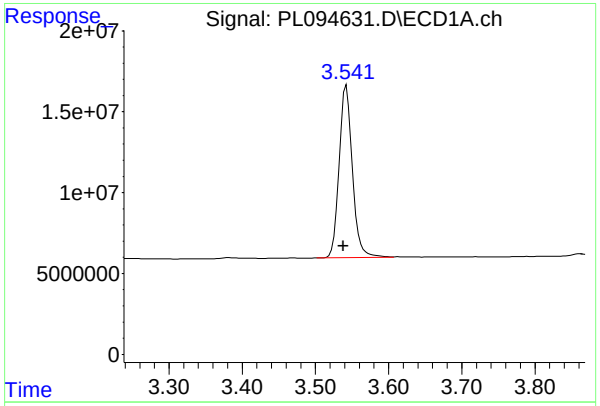
Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 12:52:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:54:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



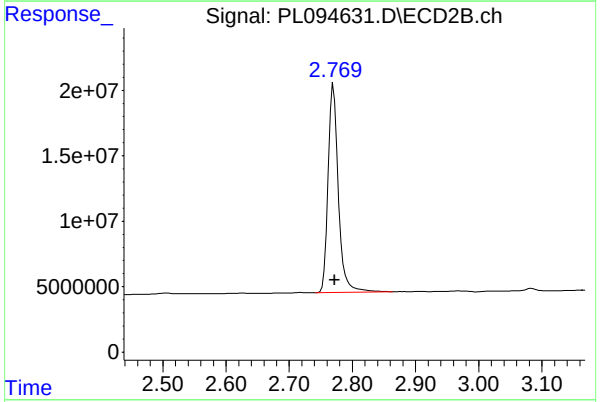




#1 Tetrachloro-m-xylene

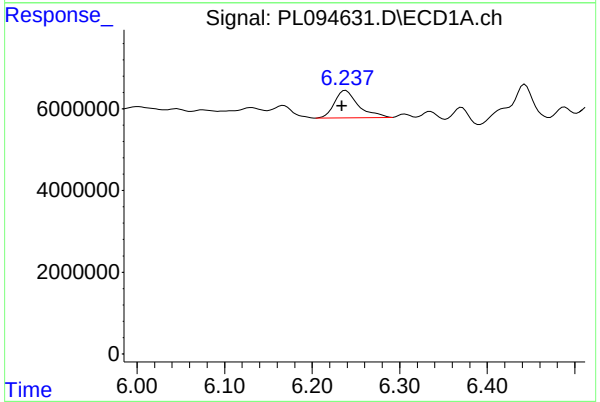
R.T.: 3.542 min
Delta R.T.: 0.004 min
Response: 134290735
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500



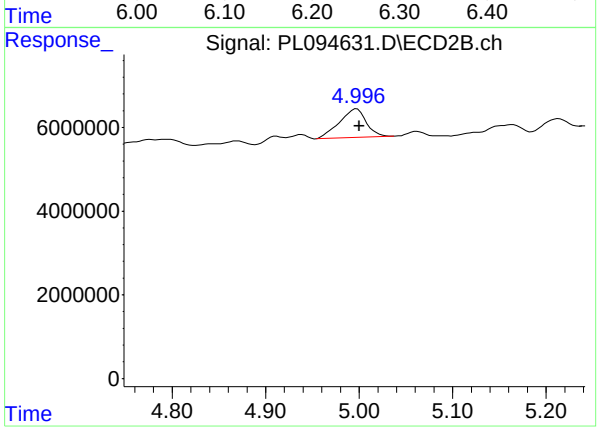
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 179756740
Conc: 49.12 ng/ml



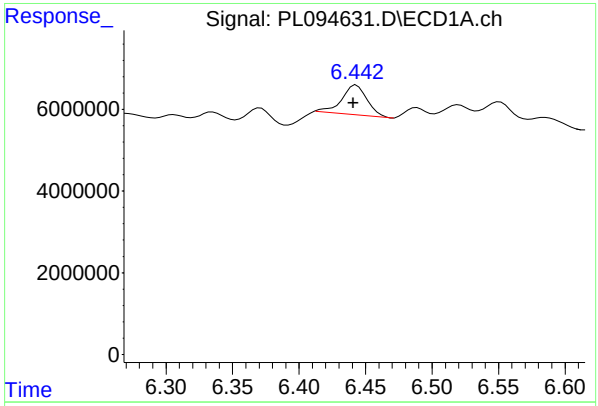
#2 Toxaphene-1

R.T.: 6.238 min
Delta R.T.: 0.004 min
Response: 12776236
Conc: 492.43 ng/ml



#2 Toxaphene-1

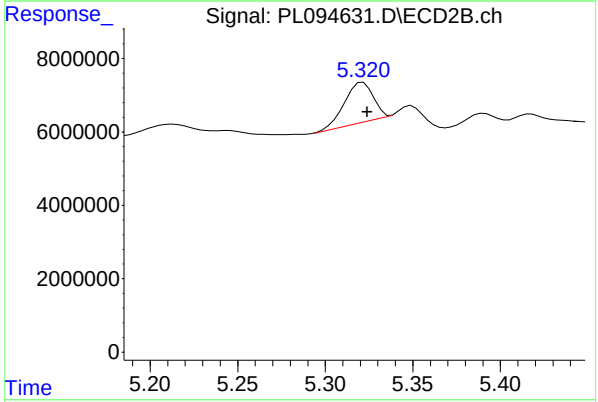
R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 13659830
Conc: 507.35 ng/ml



#3 Toxaphene-2

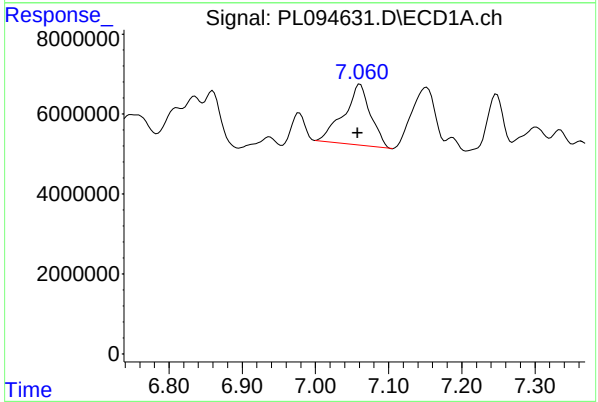
R.T.: 6.443 min
Delta R.T.: 0.002 min
Response: 9664506
Conc: 590.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500



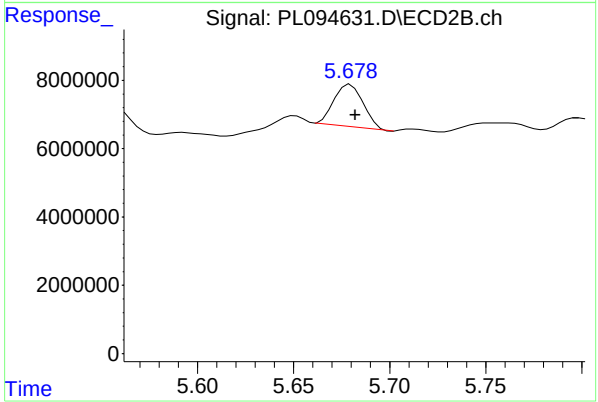
#3 Toxaphene-2

R.T.: 5.321 min
Delta R.T.: -0.002 min
Response: 12403773
Conc: 477.82 ng/ml



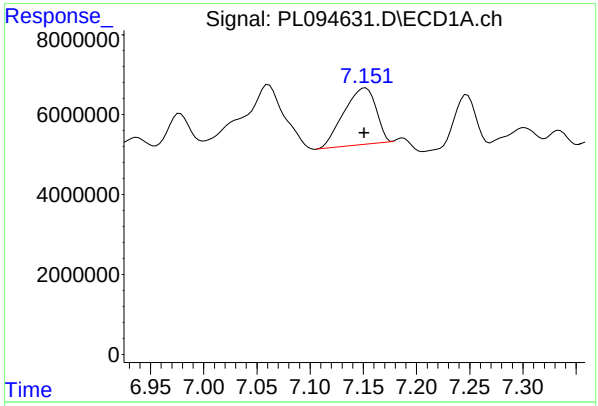
#4 Toxaphene-3

R.T.: 7.061 min
Delta R.T.: 0.003 min
Response: 38700169
Conc: 463.00 ng/ml



#4 Toxaphene-3

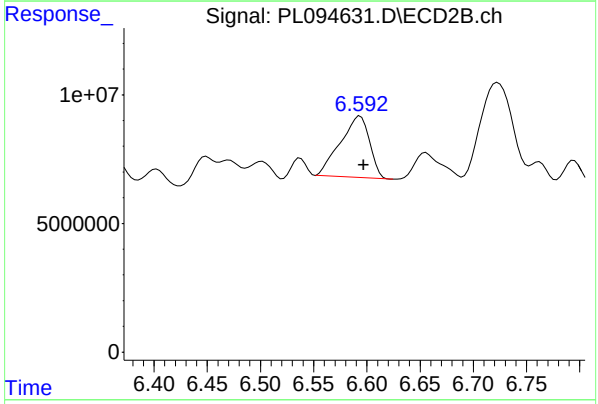
R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 13020168
Conc: 465.87 ng/ml



#5 Toxaphene-4

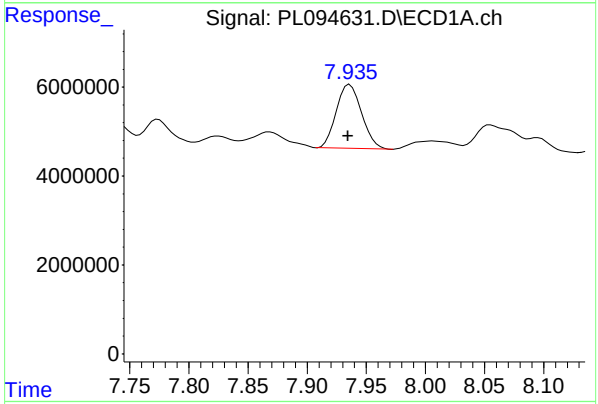
R.T.: 7.152 min
Delta R.T.: 0.001 min
Response: 29748099
Conc: 469.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500



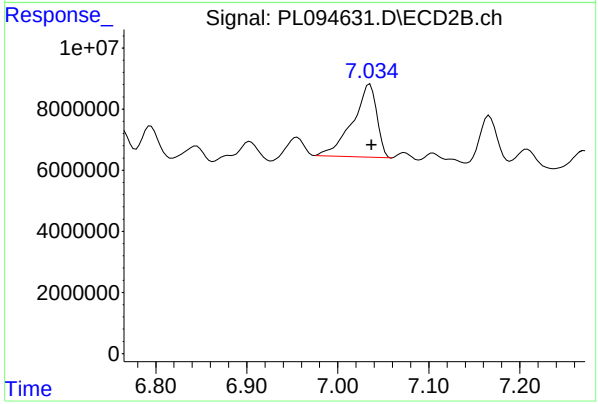
#5 Toxaphene-4

R.T.: 6.594 min
Delta R.T.: -0.004 min
Response: 45527263
Conc: 470.51 ng/ml



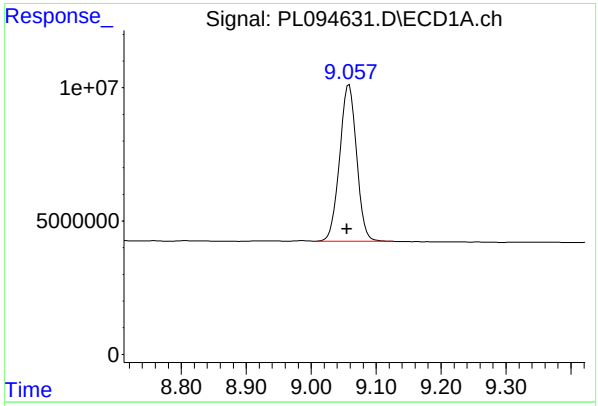
#6 Toxaphene-5

R.T.: 7.936 min
Delta R.T.: 0.001 min
Response: 21440907
Conc: 474.22 ng/ml



#6 Toxaphene-5

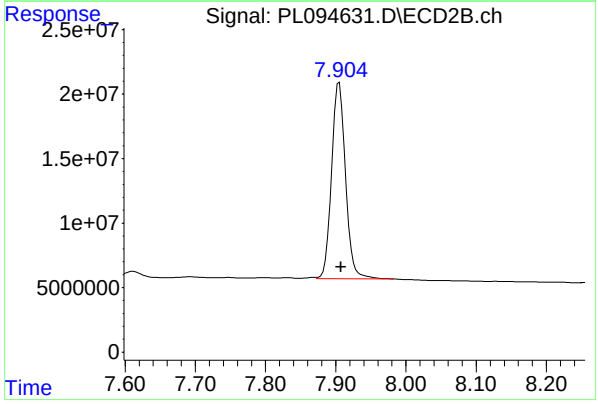
R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 44129057
Conc: 480.13 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 106570893
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500



#7 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 209090320
Conc: 49.65 ng/ml

Raw Data: **PL094642.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 16:54 **Initial Calibration Time(s):** 12:51 13:45

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Toxaphene-1	(1)	6.24	6.24	6.14	6.34	0.00
Toxaphene-2	(2)	6.45	6.44	6.34	6.54	-0.01
Toxaphene-3	(3)	7.07	7.06	6.96	7.16	-0.01
Toxaphene-4	(4)	7.16	7.15	7.05	7.25	-0.01
Toxaphene-5	(5)	7.94	7.93	7.83	8.03	-0.01
Decachlorobiphenyl		9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene		3.54	3.54	3.44	3.64	0.00

Raw Data: **PL094642.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 16:54 **Initial Calibration Time(s):** 12:51 13:45

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Toxaphene-1	(1)	5.00	5.00	4.90	5.10	0.00
Toxaphene-2	(2)	5.32	5.32	5.22	5.42	0.00
Toxaphene-3	(3)	5.68	5.68	5.58	5.78	0.00
Toxaphene-4	(4)	6.60	6.60	6.50	6.70	0.00
Toxaphene-5	(5)	7.04	7.04	6.94	7.14	0.00
Decachlorobiphenyl		7.91	7.91	7.81	8.01	0.00
Tetrachloro-m-xylene		2.77	2.77	2.67	2.87	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/12/2025

Lab Sample No.: PTOXCCC500 **Data File :** PL094642.D **Time Analyzed:** 16:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.063	8.954	9.154	51.290	50.000	2.6
Tetrachloro-m-xylene	3.544	3.438	3.638	46.710	50.000	-6.6
Toxaphene-1	6.243	6.136	6.336	515.520	500.000	3.1
Toxaphene-2	6.447	6.341	6.541	428.140	500.000	-14.4
Toxaphene-3	7.065	6.959	7.159	467.210	500.000	-6.6
Toxaphene-4	7.156	7.049	7.249	478.240	500.000	-4.4
Toxaphene-5	7.940	7.834	8.034	501.810	500.000	0.4

Raw Data: **PL094642.D**

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CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/12/2025

Lab Sample No.: PTOXCCC500 **Data File :** PL094642.D **Time Analyzed:** 16:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.908	7.807	8.007	50.650	50.000	1.3
Tetrachloro-m-xylene	2.770	2.672	2.872	46.730	50.000	-6.5
Toxaphene-1	4.998	4.899	5.099	498.520	500.000	-0.3
Toxaphene-2	5.323	5.224	5.424	557.670	500.000	11.5
Toxaphene-3	5.681	5.582	5.782	441.900	500.000	-11.6
Toxaphene-4	6.596	6.496	6.696	465.590	500.000	-6.9
Toxaphene-5	7.038	6.938	7.138	472.220	500.000	-5.6

Sample Results: **PL094642.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 16:54
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:41:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:54:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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	2.770	133.8E6	171.0E6	46.710	46.726
7)	SA Decachlor...	9.063	7.908	110.5E6	213.3E6	51.290	50.646
	Target Compounds						
2)	Toxaphene-1	6.243	4.998	13375165	13422016	515.516	498.517
3)	Toxaphene-2	6.447	5.323	7010143	14476465	428.140m	557.666 #
4)	Toxaphene-3	7.065	5.681	39052451	12350436	467.213	441.904
5)	Toxaphene-4	7.156	6.596	30304697	45051592	478.241	465.590
6)	Toxaphene-5	7.940	7.038	22687979	43402740	501.805	472.224

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 16:54
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 11 Sample Multiplier: 1

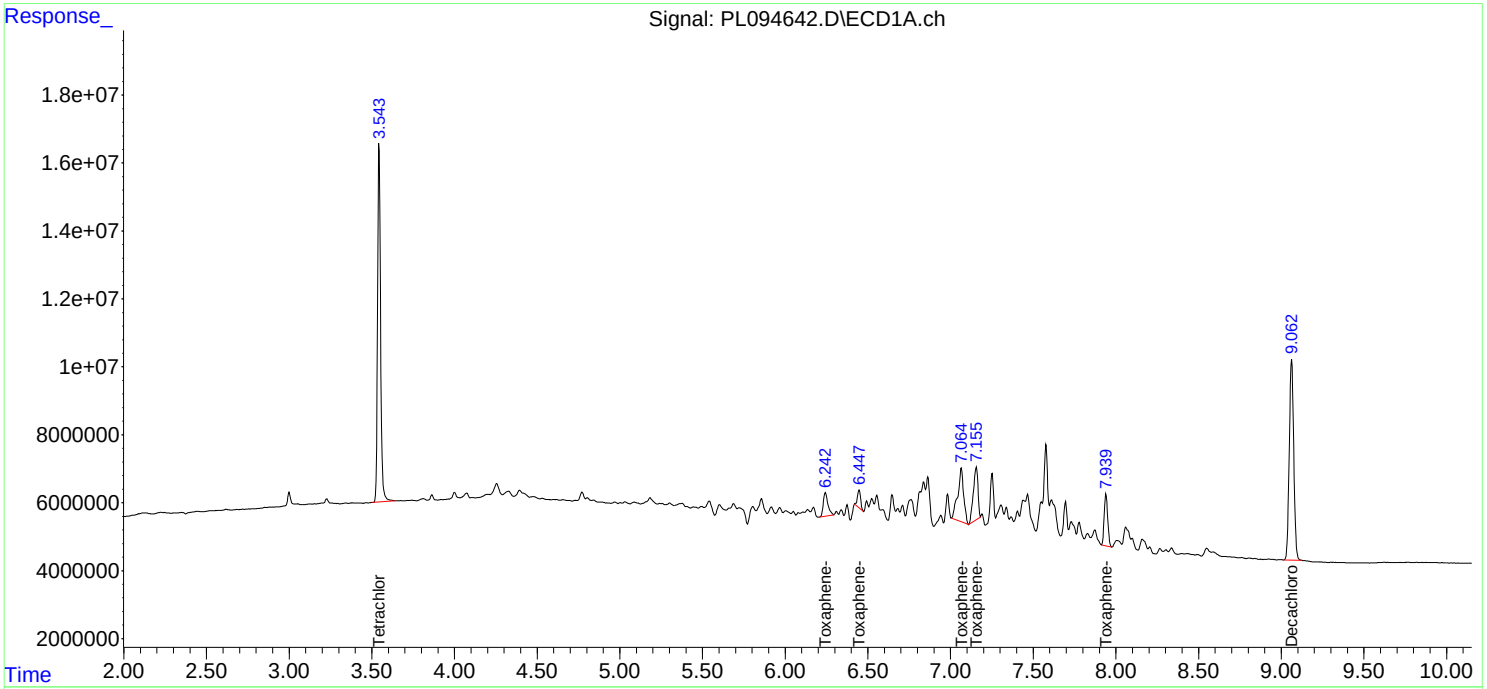
Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

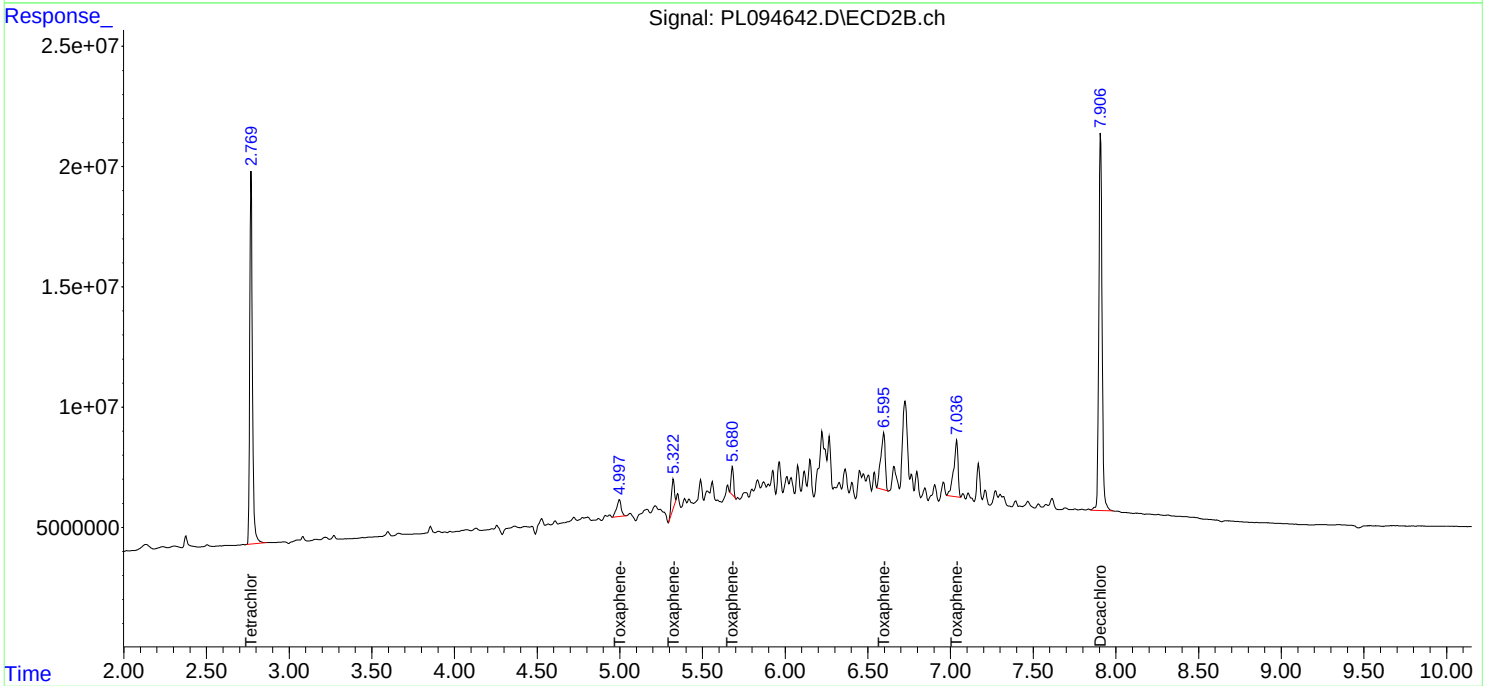
Manual Integrations APPROVED

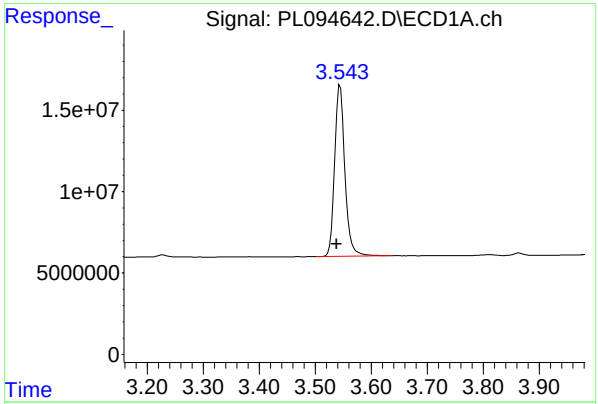
Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:41:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:54:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm







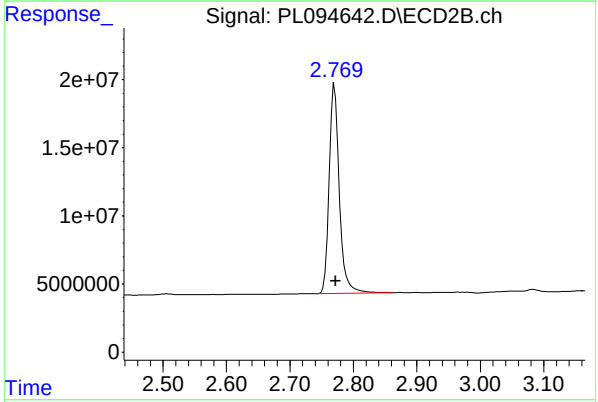
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.006 min
Response: 133824678
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

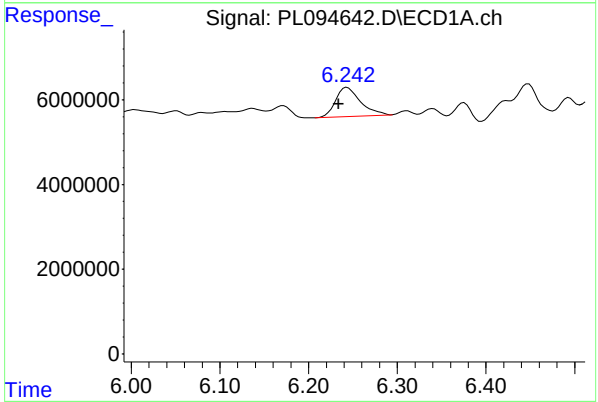
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025



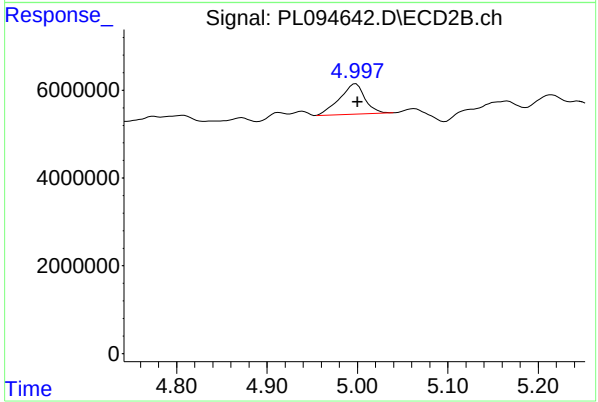
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 170992421
Conc: 46.73 ng/ml



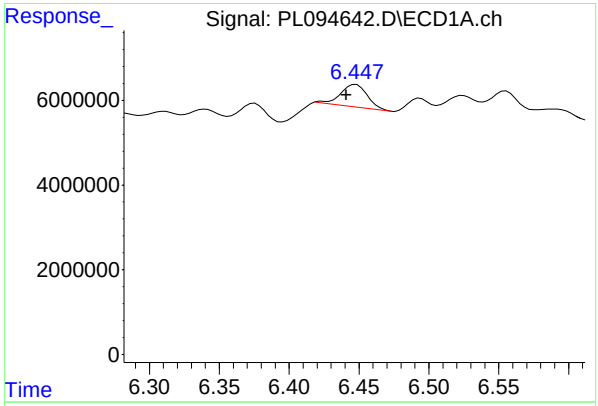
#2 Toxaphene-1

R.T.: 6.243 min
Delta R.T.: 0.009 min
Response: 13375165
Conc: 515.52 ng/ml



#2 Toxaphene-1

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 13422016
Conc: 498.52 ng/ml



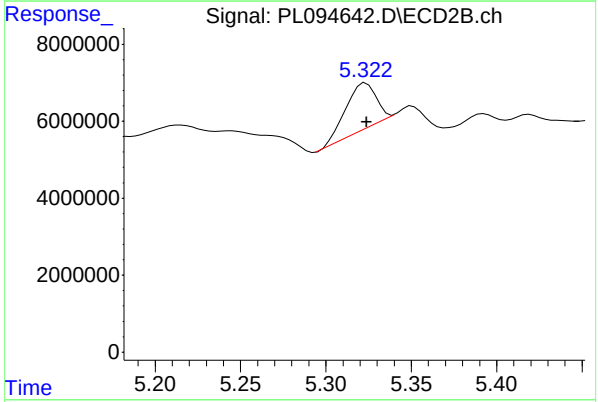
#3 Toxaphene-2

R.T.: 6.447 min
Delta R.T.: 0.006 min
Response: 7010143
Conc: 428.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

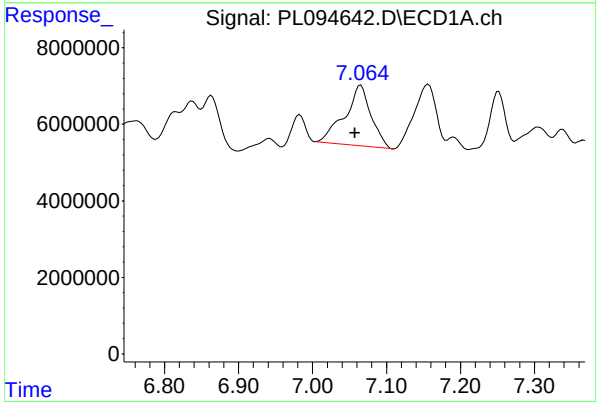
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025



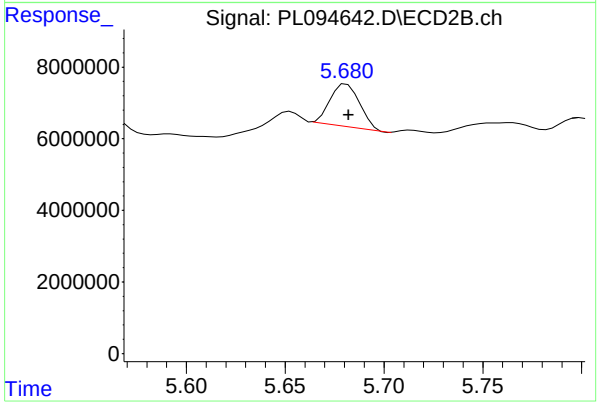
#3 Toxaphene-2

R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 14476465
Conc: 557.67 ng/ml



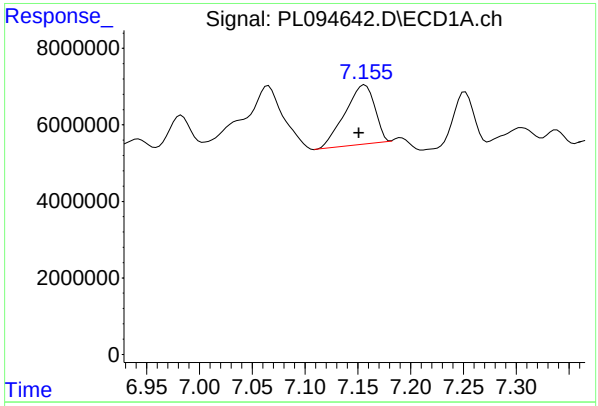
#4 Toxaphene-3

R.T.: 7.065 min
Delta R.T.: 0.007 min
Response: 39052451
Conc: 467.21 ng/ml



#4 Toxaphene-3

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 12350436
Conc: 441.90 ng/ml



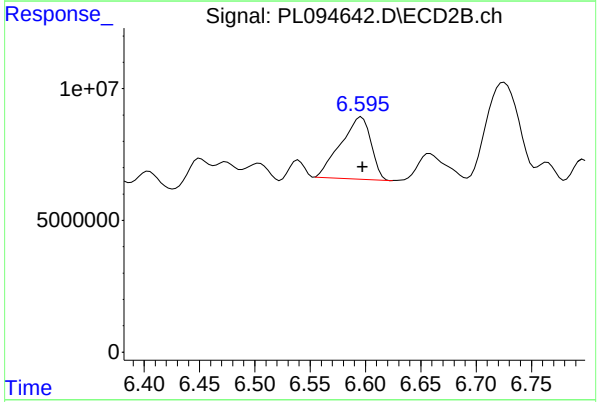
#5 Toxaphene-4

R.T.: 7.156 min
Delta R.T.: 0.005 min
Response: 30304697
Conc: 478.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

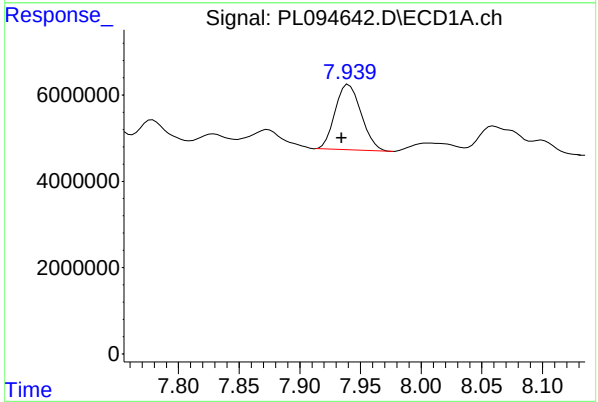
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025



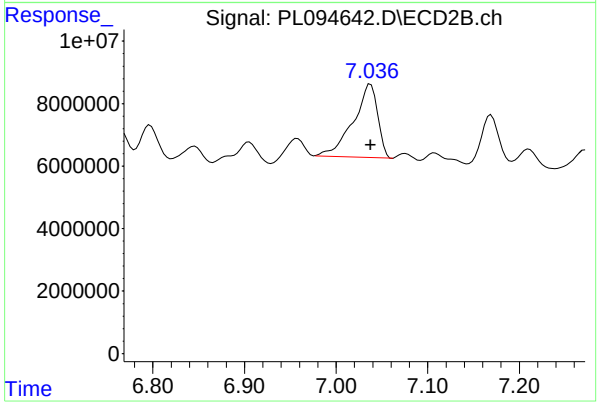
#5 Toxaphene-4

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 45051592
Conc: 465.59 ng/ml



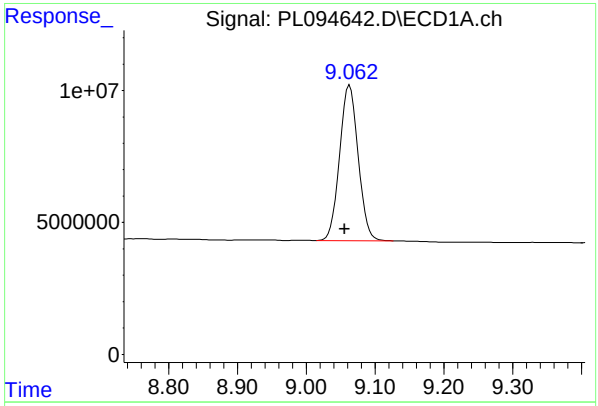
#6 Toxaphene-5

R.T.: 7.940 min
Delta R.T.: 0.006 min
Response: 22687979
Conc: 501.81 ng/ml



#6 Toxaphene-5

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 43402740
Conc: 472.22 ng/ml



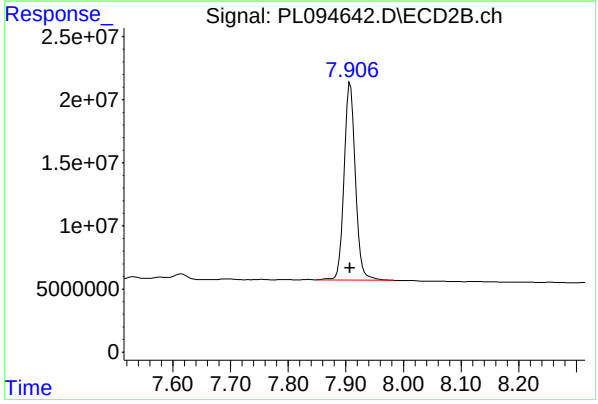
#7 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.008 min
Response: 110509006
Conc: 51.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025



#7 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 213294364
Conc: 50.65 ng/ml

Raw Data: **PL095275.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 04/17/2025 **Initial Calibration Date(s):** 04/14/2025 04/14/2025

Continuing Calib Time: 12:06 **Initial Calibration Time(s):** 17:38 18:32

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Toxaphene-1	(1)	6.23	6.23	6.13	6.33	0.00
Toxaphene-2	(2)	6.44	6.44	6.34	6.54	0.00
Toxaphene-3	(3)	7.06	7.06	6.96	7.16	0.01
Toxaphene-4	(4)	7.15	7.15	7.05	7.25	0.00
Toxaphene-5	(5)	7.93	7.93	7.83	8.03	0.00
Decachlorobiphenyl		9.05	9.05	8.95	9.15	0.00
Tetrachloro-m-xylene		3.54	3.54	3.44	3.64	0.00

Raw Data: **PL095275.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 04/17/2025 **Initial Calibration Date(s):** 04/14/2025 04/14/2025

Continuing Calib Time: 12:06 **Initial Calibration Time(s):** 17:38 18:32

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Toxaphene-1	(1)	4.99	4.99	4.89	5.09	0.00
Toxaphene-2	(2)	5.32	5.32	5.22	5.42	0.00
Toxaphene-3	(3)	5.67	5.68	5.58	5.78	0.01
Toxaphene-4	(4)	6.59	6.59	6.49	6.69	0.00
Toxaphene-5	(5)	7.03	7.03	6.93	7.13	0.00
Decachlorobiphenyl		7.90	7.90	7.80	8.00	0.00
Tetrachloro-m-xylene		2.77	2.77	2.67	2.87	0.00

Raw Data: **PL095275.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/14/2025 04/14/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/17/2025

Lab Sample No.: PTOXCCC500 **Data File :** PL095275.D **Time Analyzed:** 12:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.052	8.953	9.153	48.720	50.000	-2.6
Tetrachloro-m-xylene	3.537	3.435	3.635	52.300	50.000	4.6
Toxaphene-1	6.233	6.134	6.334	481.520	500.000	-3.7
Toxaphene-2	6.438	6.338	6.538	557.700	500.000	11.5
Toxaphene-3	7.055	6.956	7.156	502.880	500.000	0.6
Toxaphene-4	7.146	7.047	7.247	499.280	500.000	-0.1
Toxaphene-5	7.931	7.832	8.032	514.590	500.000	2.9

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/14/2025 04/14/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/17/2025

Lab Sample No.: PTOXCCC500 **Data File :** PL095275.D **Time Analyzed:** 12:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.898	7.799	7.999	49.080	50.000	-1.8
Tetrachloro-m-xylene	2.767	2.668	2.868	51.330	50.000	2.7
Toxaphene-1	4.993	4.892	5.092	526.760	500.000	5.4
Toxaphene-2	5.316	5.217	5.417	516.220	500.000	3.2
Toxaphene-3	5.674	5.575	5.775	516.750	500.000	3.4
Toxaphene-4	6.589	6.490	6.690	513.700	500.000	2.7
Toxaphene-5	7.029	6.930	7.130	458.290	500.000	-8.3

Sample Results: **PL095275.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 12:06
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 23:13:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:41:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.537	2.767	140.7E6	189.2E6	52.295	51.332
7) SA	Decachlor...	9.052	7.898	116.1E6	213.3E6	48.717	49.079
	Target Compounds						
2)	Toxaphene-1	6.233	4.993	13809747	14254320	481.520	526.759
3)	Toxaphene-2	6.438	5.316	8817306	12968573	557.704	516.217
4)	Toxaphene-3	7.055	5.674	41978441	13875986	502.882	516.751
5)	Toxaphene-4	7.146	6.589	32102928	49208058	499.276	513.699
6)	Toxaphene-5	7.931	7.029	23680717	47618339	514.589	458.294

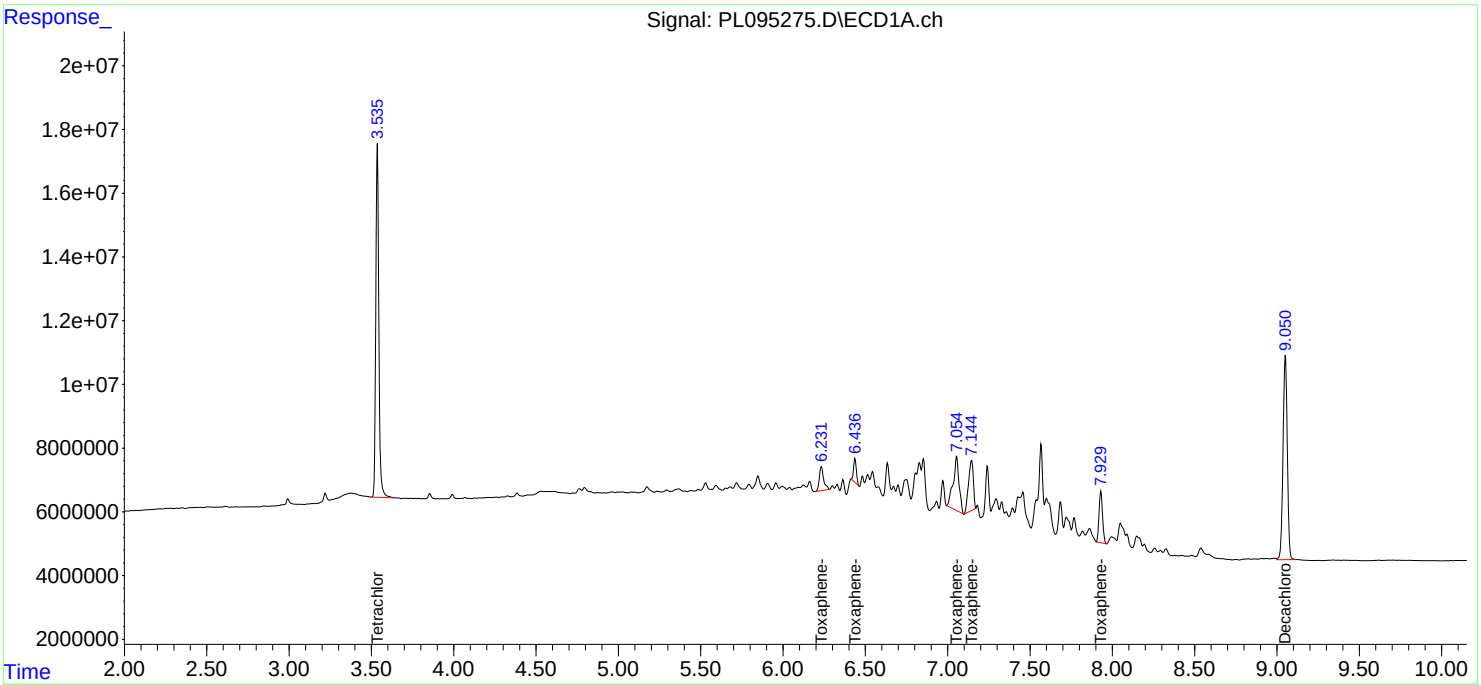
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

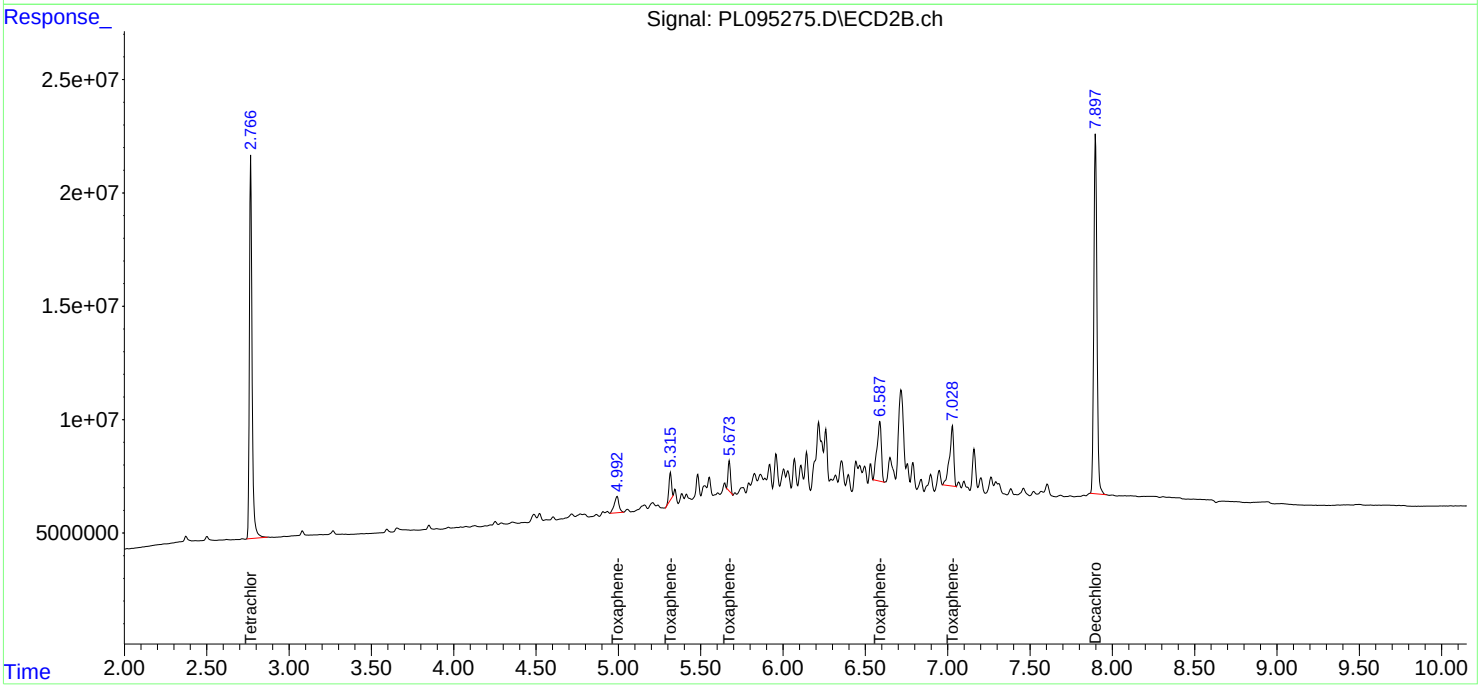
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 12:06
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

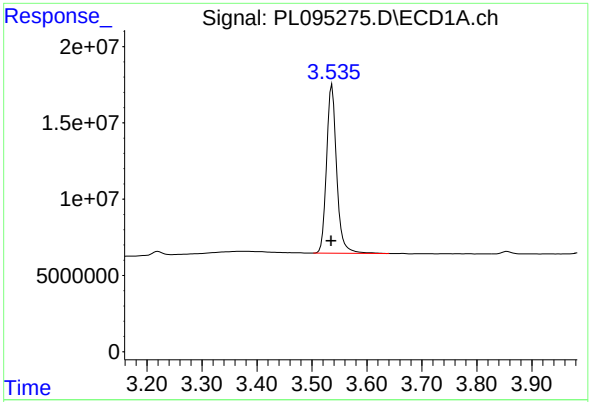
Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 23:13:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:41:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



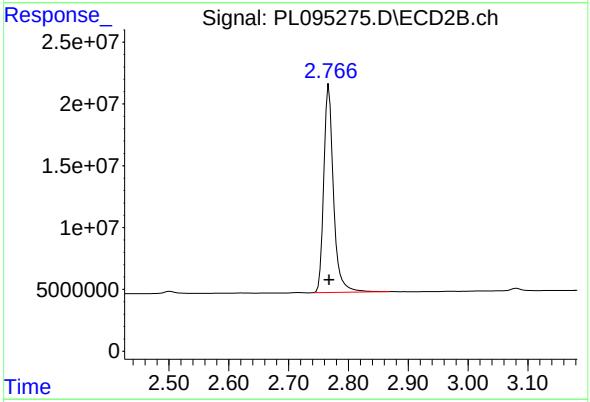




#1 Tetrachloro-m-xylene

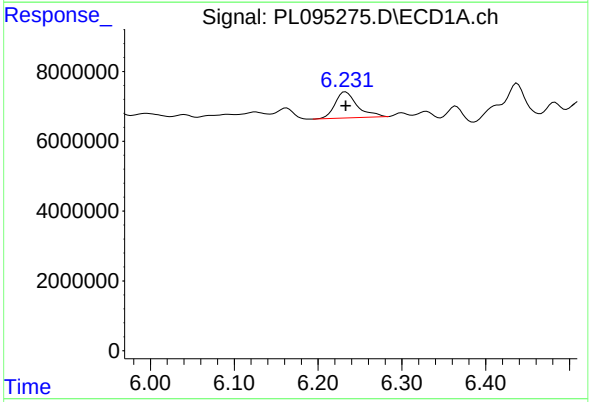
R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 140700769
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500



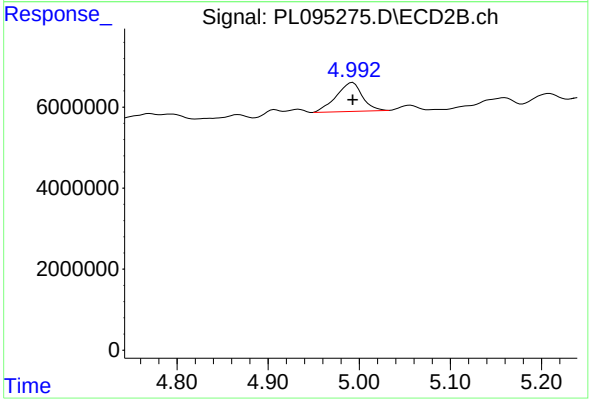
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 189164066
Conc: 51.33 ng/ml



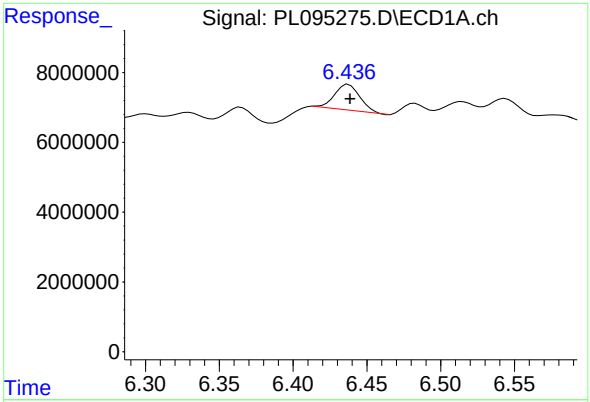
#2 Toxaphene-1

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 13809747
Conc: 481.52 ng/ml



#2 Toxaphene-1

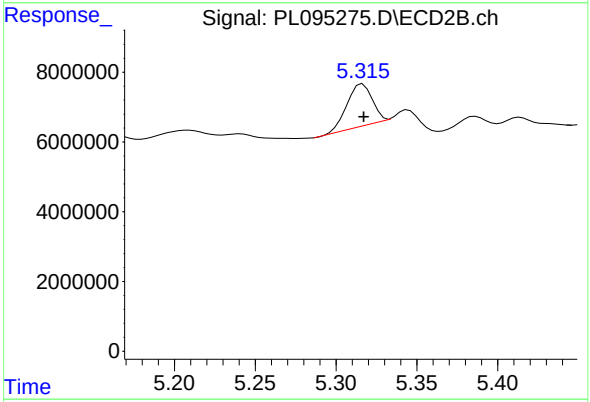
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 14254320
Conc: 526.76 ng/ml



#3 Toxaphene-2

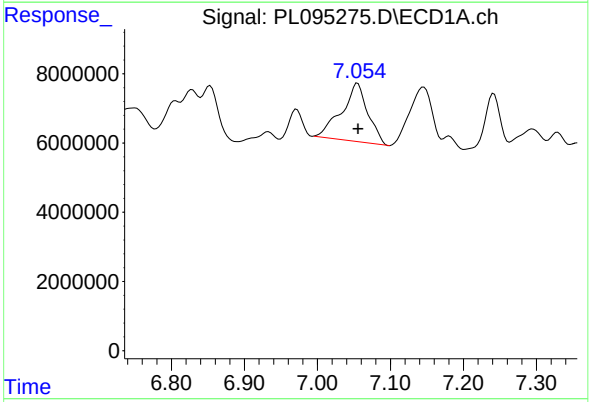
R.T.: 6.438 min
Delta R.T.: -0.001 min
Response: 8817306
Conc: 557.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500



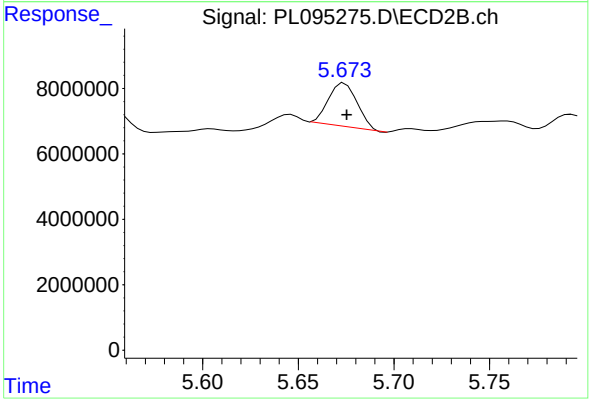
#3 Toxaphene-2

R.T.: 5.316 min
Delta R.T.: 0.000 min
Response: 12968573
Conc: 516.22 ng/ml



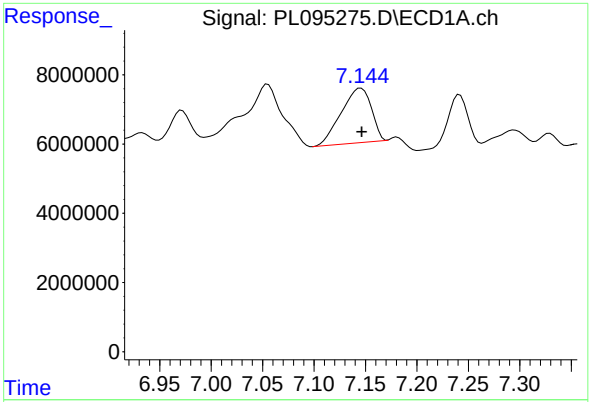
#4 Toxaphene-3

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 41978441
Conc: 502.88 ng/ml



#4 Toxaphene-3

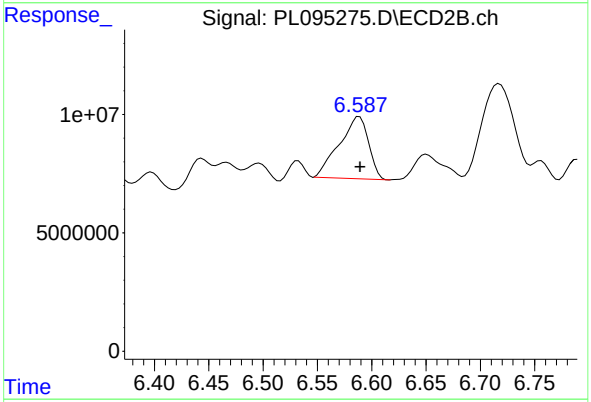
R.T.: 5.674 min
Delta R.T.: -0.001 min
Response: 13875986
Conc: 516.75 ng/ml



#5 Toxaphene-4

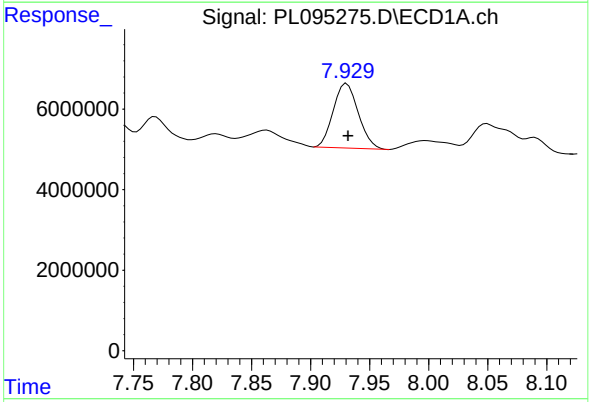
R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 32102928
Conc: 499.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500



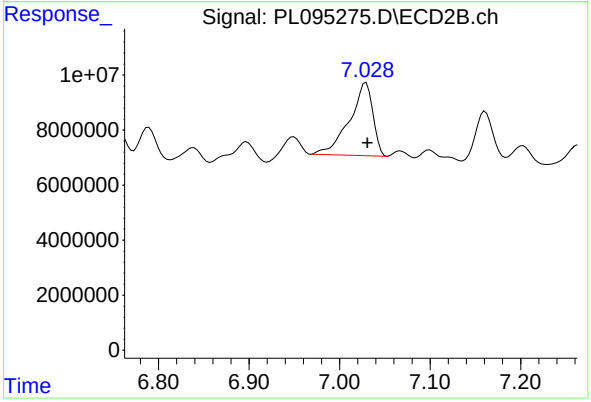
#5 Toxaphene-4

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 49208058
Conc: 513.70 ng/ml



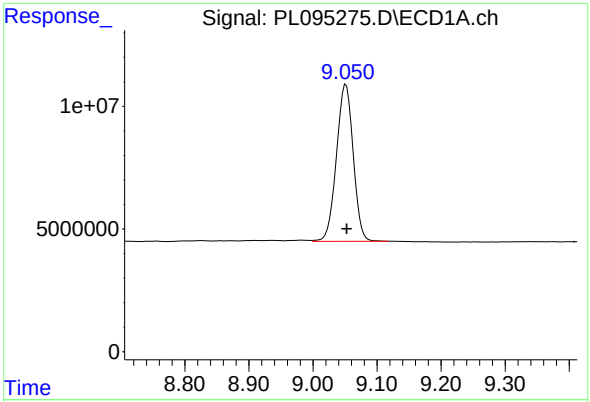
#6 Toxaphene-5

R.T.: 7.931 min
Delta R.T.: -0.001 min
Response: 23680717
Conc: 514.59 ng/ml



#6 Toxaphene-5

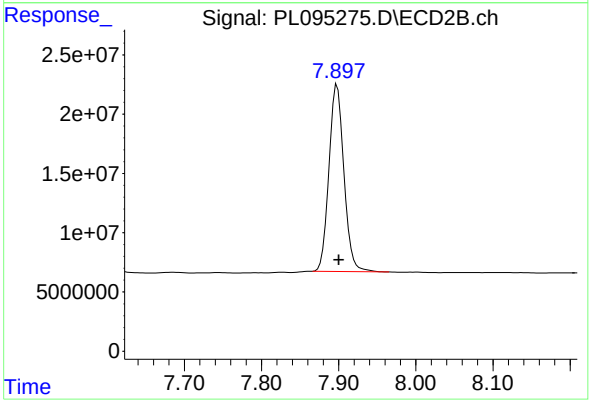
R.T.: 7.029 min
Delta R.T.: -0.002 min
Response: 47618339
Conc: 458.29 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.001 min
Response: 116135727
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500



#7 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.002 min
Response: 213291156
Conc: 49.08 ng/ml

Raw Data: **PL095283.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 04/17/2025 **Initial Calibration Date(s):** 04/14/2025 04/14/2025

Continuing Calib Time: 14:52 **Initial Calibration Time(s):** 17:38 18:32

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Toxaphene-1	(1)	6.24	6.23	6.13	6.33	-0.01
Toxaphene-2	(2)	6.44	6.44	6.34	6.54	0.00
Toxaphene-3	(3)	7.06	7.06	6.96	7.16	0.00
Toxaphene-4	(4)	7.15	7.15	7.05	7.25	0.00
Toxaphene-5	(5)	7.94	7.93	7.83	8.03	-0.01
Decachlorobiphenyl		9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene		3.54	3.54	3.44	3.64	0.00

Raw Data: **PL095283.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 04/17/2025 **Initial Calibration Date(s):** 04/14/2025 04/14/2025

Continuing Calib Time: 14:52 **Initial Calibration Time(s):** 17:38 18:32

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Toxaphene-1	(1)	4.99	4.99	4.89	5.09	0.00
Toxaphene-2	(2)	5.32	5.32	5.22	5.42	0.00
Toxaphene-3	(3)	5.68	5.68	5.58	5.78	0.00
Toxaphene-4	(4)	6.59	6.59	6.49	6.69	0.00
Toxaphene-5	(5)	7.03	7.03	6.93	7.13	0.00
Decachlorobiphenyl		7.90	7.90	7.80	8.00	0.00
Tetrachloro-m-xylene		2.77	2.77	2.67	2.87	0.00

Raw Data: **PL095283.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/14/2025 04/14/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/17/2025

Lab Sample No.: PTOXCCC500 **Data File :** PL095283.D **Time Analyzed:** 14:52

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.059	8.953	9.153	47.950	50.000	-4.1
Tetrachloro-m-xylene	3.542	3.435	3.635	50.680	50.000	1.4
Toxaphene-1	6.240	6.134	6.334	498.170	500.000	-0.4
Toxaphene-2	6.443	6.338	6.538	581.570	500.000	16.3
Toxaphene-3	7.062	6.956	7.156	486.690	500.000	-2.7
Toxaphene-4	7.153	7.047	7.247	494.460	500.000	-1.1
Toxaphene-5	7.937	7.832	8.032	498.510	500.000	-0.3

Raw Data: **PL095283.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/14/2025 04/14/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/17/2025

Lab Sample No.: PTOXCCC500 **Data File :** PL095283.D **Time Analyzed:** 14:52

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.902	7.799	7.999	49.080	50.000	-1.8
Tetrachloro-m-xylene	2.769	2.668	2.868	49.500	50.000	-1.0
Toxaphene-1	4.994	4.892	5.092	502.680	500.000	0.5
Toxaphene-2	5.319	5.217	5.417	487.460	500.000	-2.5
Toxaphene-3	5.677	5.575	5.775	496.260	500.000	-0.7
Toxaphene-4	6.591	6.490	6.690	492.870	500.000	-1.4
Toxaphene-5	7.033	6.930	7.130	451.470	500.000	-9.7

Sample Results: **PL095283.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 14:52
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 23:13:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:41:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.542	2.769	136.4E6	182.4E6	50.682	49.498
7)	SA Decachlor...	9.059	7.902	114.3E6	213.3E6	47.947	49.080
	Target Compounds						
2)	Toxaphene-1	6.240	4.994	14287367	13602718	498.174	502.680
3)	Toxaphene-2	6.443	5.319	9194681	12246156	581.573m	487.461
4)	Toxaphene-3	7.062	5.677	40626808	13325826	486.690	496.263
5)	Toxaphene-4	7.153	6.591	31793034	47212361	494.457	492.865
6)	Toxaphene-5	7.937	7.033	22940686	46908885	498.508	451.466

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 14:52
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

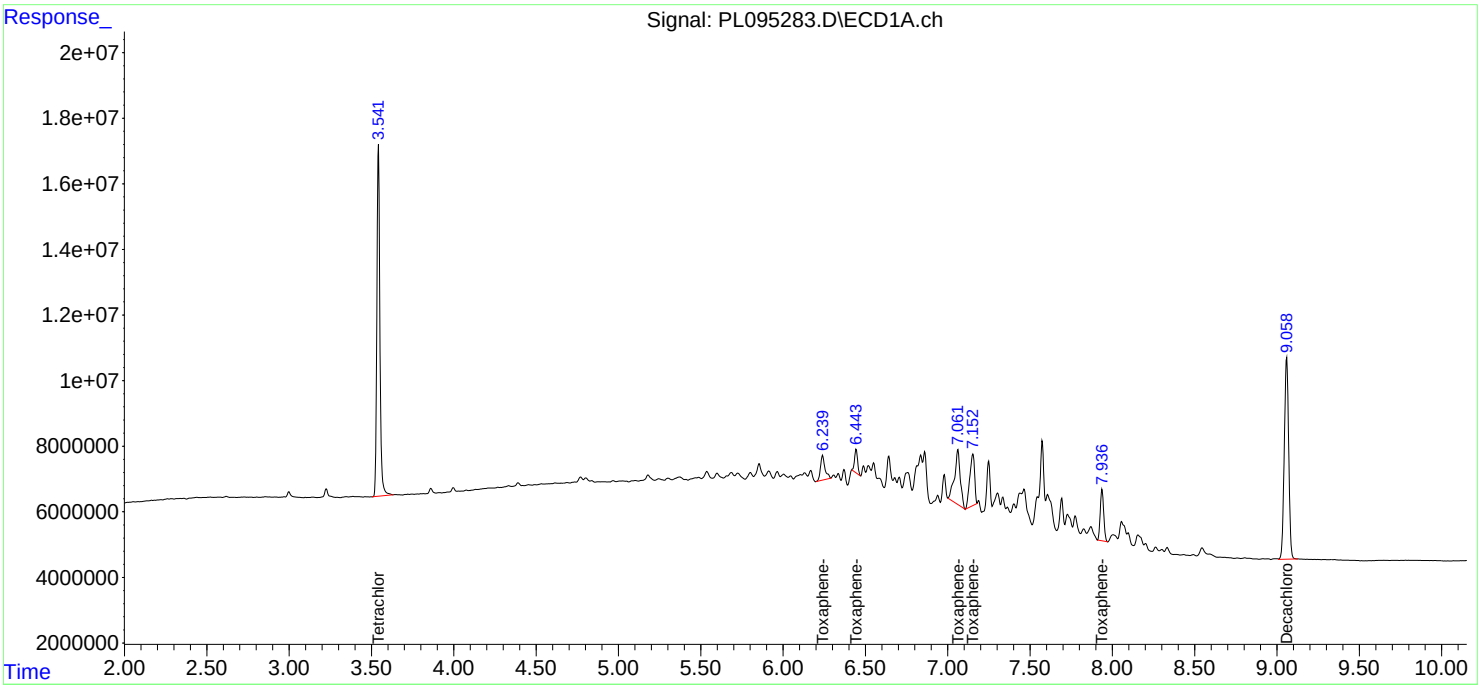
Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

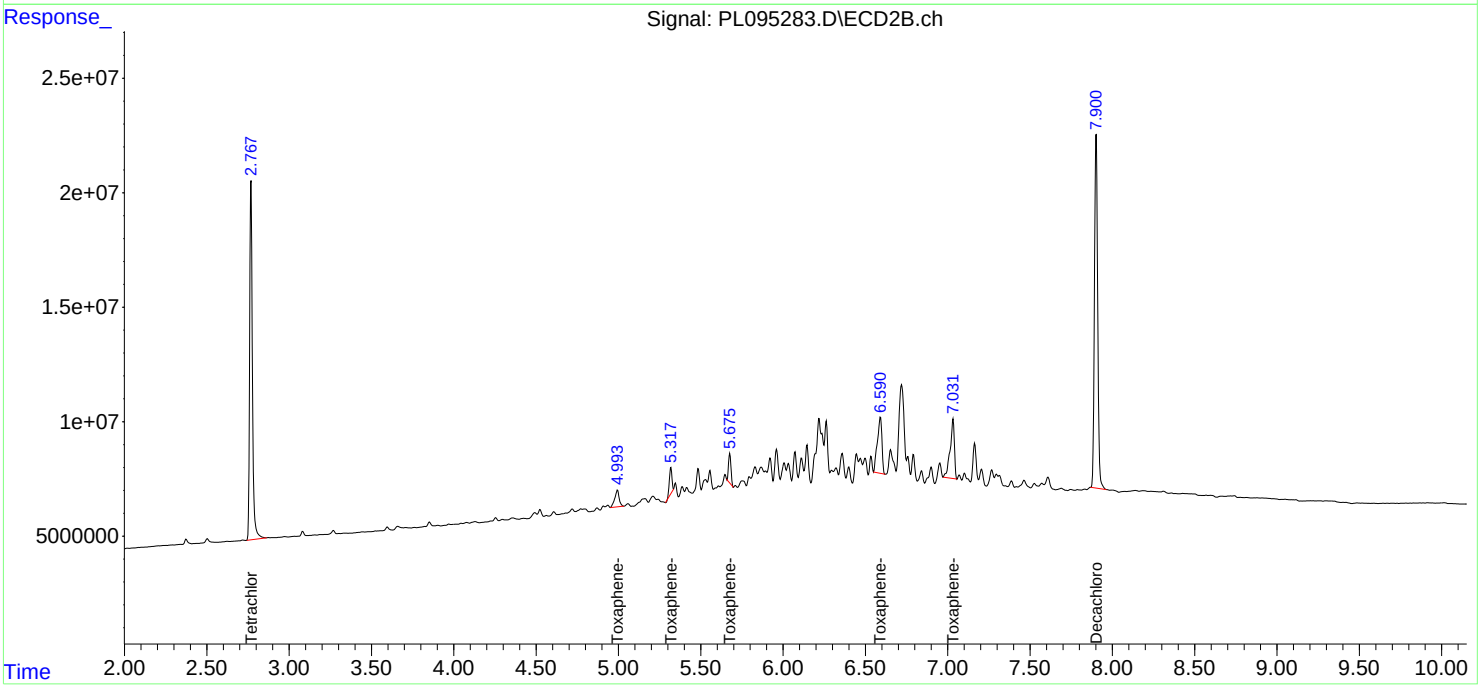
Manual Integrations APPROVED

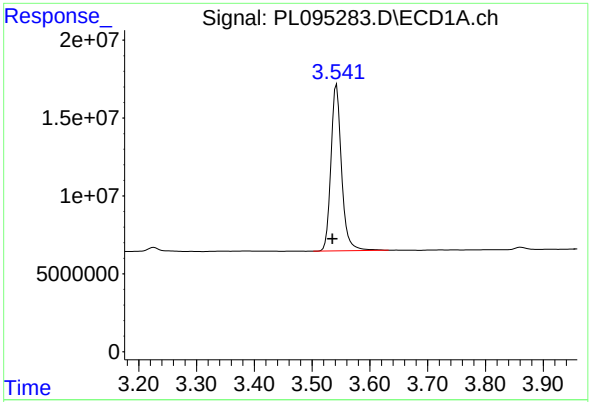
Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 23:13:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:41:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm







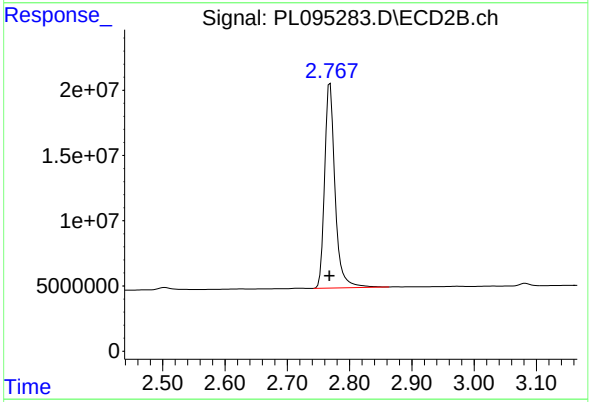
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.007 min
Response: 136361317
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

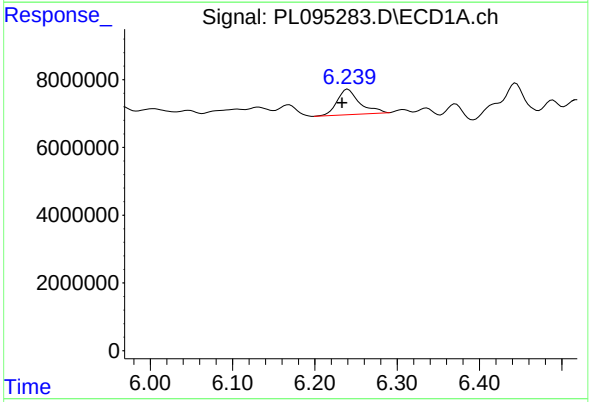
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



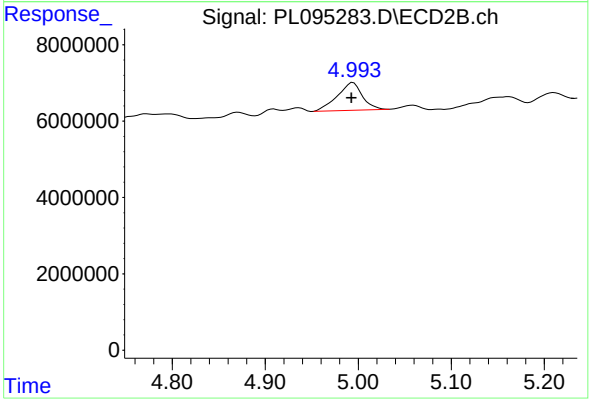
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.001 min
Response: 182406348
Conc: 49.50 ng/ml



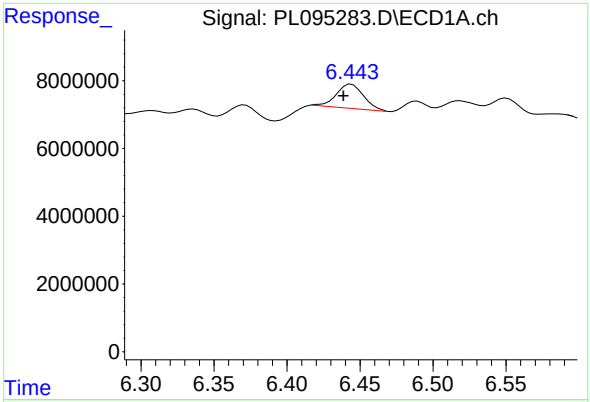
#2 Toxaphene-1

R.T.: 6.240 min
Delta R.T.: 0.007 min
Response: 14287367
Conc: 498.17 ng/ml



#2 Toxaphene-1

R.T.: 4.994 min
Delta R.T.: 0.002 min
Response: 13602718
Conc: 502.68 ng/ml



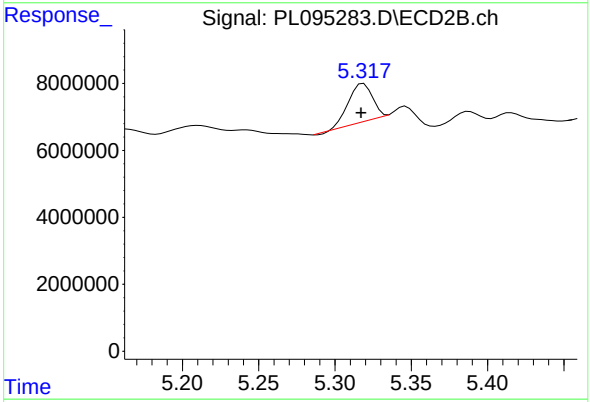
#3 Toxaphene-2

R.T.: 6.443 min
Delta R.T.: 0.004 min
Response: 9194681
Conc: 581.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

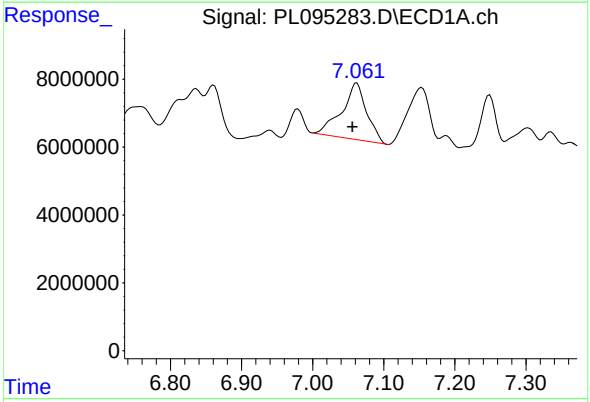
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



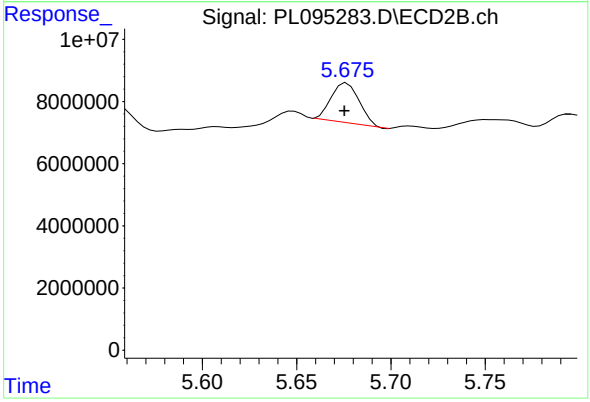
#3 Toxaphene-2

R.T.: 5.319 min
Delta R.T.: 0.002 min
Response: 12246156
Conc: 487.46 ng/ml



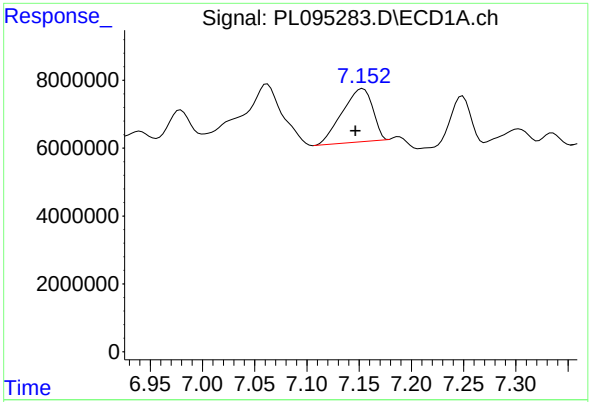
#4 Toxaphene-3

R.T.: 7.062 min
Delta R.T.: 0.006 min
Response: 40626808
Conc: 486.69 ng/ml



#4 Toxaphene-3

R.T.: 5.677 min
Delta R.T.: 0.001 min
Response: 13325826
Conc: 496.26 ng/ml



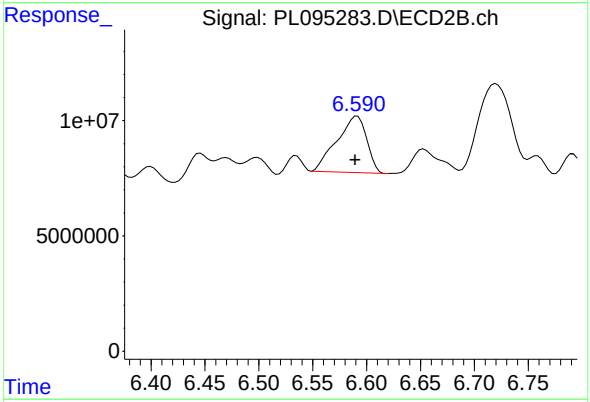
#5 Toxaphene-4

R.T.: 7.153 min
Delta R.T.: 0.007 min
Response: 31793034
Conc: 494.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

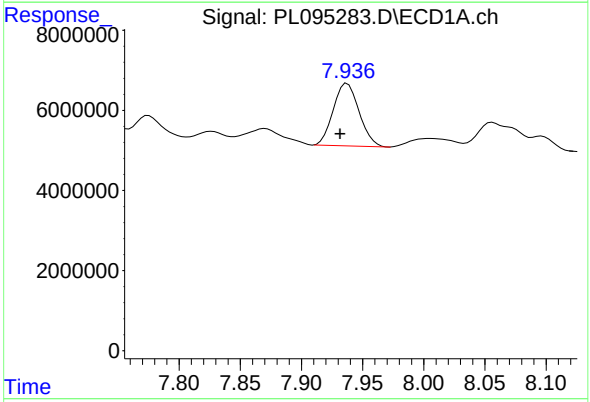
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



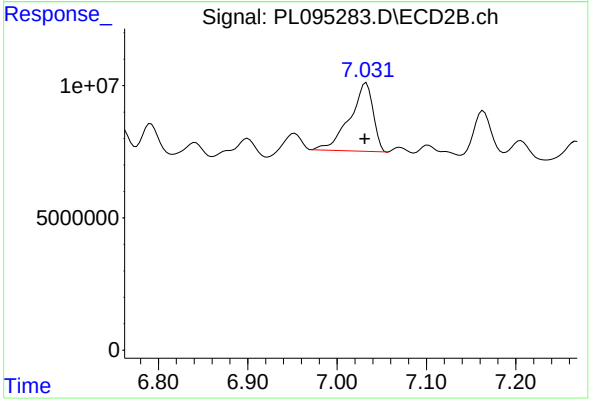
#5 Toxaphene-4

R.T.: 6.591 min
Delta R.T.: 0.002 min
Response: 47212361
Conc: 492.87 ng/ml



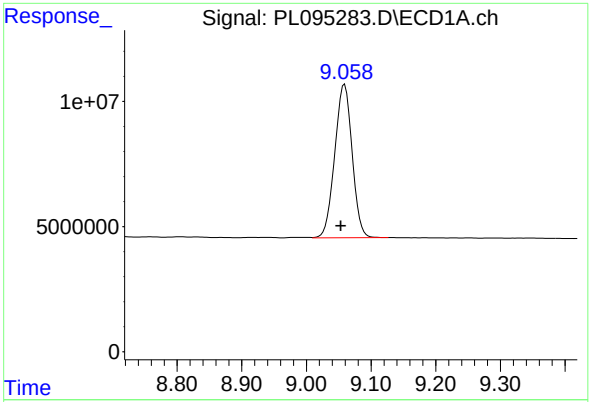
#6 Toxaphene-5

R.T.: 7.937 min
Delta R.T.: 0.006 min
Response: 22940686
Conc: 498.51 ng/ml



#6 Toxaphene-5

R.T.: 7.033 min
Delta R.T.: 0.002 min
Response: 46908885
Conc: 451.47 ng/ml



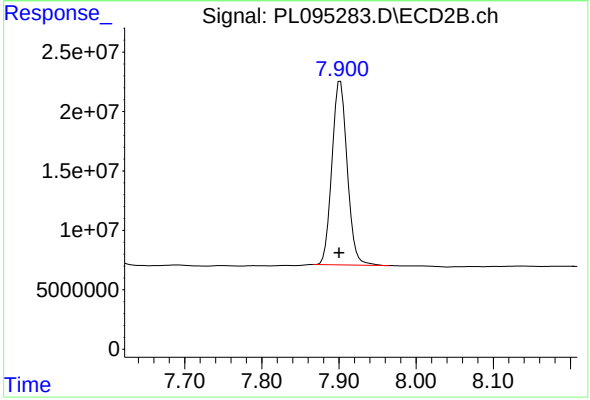
#7 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.006 min
Response: 114298095
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



#7 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 213295582
Conc: 49.08 ng/ml

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

Analytical Sequence

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1502

Project: NJ Waste Water PT **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/11/2025 03/11/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	03/11/2025	09:55	PL094566.D	9.05	3.54
PTOXICC1000	PTOXICC1000	03/11/2025	12:51	PL094579.D	9.06	3.54
PTOXICC750	PTOXICC750	03/11/2025	13:04	PL094580.D	9.06	3.54
PTOXICC500	PTOXICC500	03/11/2025	13:18	PL094581.D	9.05	3.54
PTOXICC250	PTOXICC250	03/11/2025	13:31	PL094582.D	9.06	3.54
PTOXICC100	PTOXICC100	03/11/2025	13:45	PL094583.D	9.06	3.54
I.BLK	I.BLK	03/12/2025	11:14	PL094628.D	9.05	3.54
PTOXCCC500	PTOXCCC500	03/12/2025	12:34	PL094631.D	9.06	3.54
PT-TXP-WP	Q1502-13	03/12/2025	14:54	PL094637.D	9.05	3.54
PT-TXP-WPDL	Q1502-13DL	03/12/2025	15:07	PL094638.D	9.05	3.54
I.BLK	I.BLK	03/12/2025	15:35	PL094639.D	9.06	3.54
PTOXCCC500	PTOXCCC500	03/12/2025	16:54	PL094642.D	9.06	3.54
I.BLK	I.BLK	04/14/2025	14:26	PL095202.D	9.05	3.53
PTOXICC1000	PTOXICC1000	04/14/2025	17:38	PL095215.D	9.05	3.54
PTOXICC750	PTOXICC750	04/14/2025	17:51	PL095216.D	9.05	3.53
PTOXICC500	PTOXICC500	04/14/2025	18:05	PL095217.D	9.05	3.54
PTOXICC250	PTOXICC250	04/14/2025	18:19	PL095218.D	9.05	3.54
PTOXICC100	PTOXICC100	04/14/2025	18:32	PL095219.D	9.05	3.54
I.BLK	I.BLK	04/17/2025	10:24	PL095272.D	9.06	3.54
PTOXCCC500	PTOXCCC500	04/17/2025	12:06	PL095275.D	9.05	3.54
PB167087BL	PB167087BL	04/17/2025	13:00	PL095278.D	9.05	3.54
PB167087BS	PB167087BS	04/17/2025	13:14	PL095279.D	9.05	3.54
I.BLK	I.BLK	04/17/2025	13:46	PL095280.D	9.06	3.54
PTOXCCC500	PTOXCCC500	04/17/2025	14:52	PL095283.D	9.06	3.54

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Analytical Sequence

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1502

Project: NJ Waste Water PT **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/11/2025 03/11/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	03/11/2025	09:55	PL094566.D	7.91	2.77
PTOXICC1000	PTOXICC1000	03/11/2025	12:51	PL094579.D	7.91	2.77
PTOXICC750	PTOXICC750	03/11/2025	13:04	PL094580.D	7.91	2.77
PTOXICC500	PTOXICC500	03/11/2025	13:18	PL094581.D	7.91	2.77
PTOXICC250	PTOXICC250	03/11/2025	13:31	PL094582.D	7.91	2.77
PTOXICC100	PTOXICC100	03/11/2025	13:45	PL094583.D	7.91	2.77
I.BLK	I.BLK	03/12/2025	11:14	PL094628.D	7.91	2.77
PTOXCCC500	PTOXCCC500	03/12/2025	12:34	PL094631.D	7.91	2.77
PT-TXP-WP	Q1502-13	03/12/2025	14:54	PL094637.D	7.90	2.77
PT-TXP-WPDL	Q1502-13DL	03/12/2025	15:07	PL094638.D	7.90	2.77
I.BLK	I.BLK	03/12/2025	15:35	PL094639.D	7.91	2.77
PTOXCCC500	PTOXCCC500	03/12/2025	16:54	PL094642.D	7.91	2.77
I.BLK	I.BLK	04/14/2025	14:26	PL095202.D	7.90	2.77
PTOXICC1000	PTOXICC1000	04/14/2025	17:38	PL095215.D	7.90	2.77
PTOXICC750	PTOXICC750	04/14/2025	17:51	PL095216.D	7.90	2.77
PTOXICC500	PTOXICC500	04/14/2025	18:05	PL095217.D	7.90	2.77
PTOXICC250	PTOXICC250	04/14/2025	18:19	PL095218.D	7.90	2.77
PTOXICC100	PTOXICC100	04/14/2025	18:32	PL095219.D	7.90	2.77
I.BLK	I.BLK	04/17/2025	10:24	PL095272.D	7.90	2.77
PTOXCCC500	PTOXCCC500	04/17/2025	12:06	PL095275.D	7.90	2.77
PB167087BL	PB167087BL	04/17/2025	13:00	PL095278.D	7.90	2.77
PB167087BS	PB167087BS	04/17/2025	13:14	PL095279.D	7.90	2.77
I.BLK	I.BLK	04/17/2025	13:46	PL095280.D	7.90	2.77
PTOXCCC500	PTOXCCC500	04/17/2025	14:52	PL095283.D	7.90	2.77

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167087BS

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Lab Sample ID: PB167087BS **Date(s) Analyzed:** 04/17/2025 04/17/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Toxaphene	1	6.96	6.91	7.01	2.00	5.1
	2	5.92	5.87	5.97	1.90	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PT-TXP-WP

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Lab Sample ID: Q1502-13 **Date(s) Analyzed:** 03/12/2025 03/12/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Toxaphene	1	6.96	6.91	7.01	34.7	5.6
	2	5.92	5.87	5.97	36.7	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PT-TXP-WPDL

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Lab Sample ID: Q1502-13DL **Date(s) Analyzed:** 03/12/2025 03/12/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Toxaphene	1	6.96	6.91	7.01	38.3	12.2
	2	5.92	5.87	5.97	33.9	

QC SAMPLE DATA

Raw Data: **PL095278.D**

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Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167087BL	SDG No.:	Q1502
Lab Sample ID:	PB167087BL	Matrix:	WATER
Analytical Method:	SW8081	% 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
PL095278.D	1	03/11/25 08:46	04/17/25 13:00	PB167087

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		43 - 140	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.5		77 - 126	97%	SPK: 20

Comments:

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

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

Sample Results: **PL095278.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 13:00
Operator : AR\AJ
Sample : PB167087BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB167087BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 01:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:41:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.539	2.766	52361774	64399355	19.462	17.476
7)	SA Decachlor...	9.053	7.899	50398866	87365073	21.142	20.103
	Target Compounds						

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

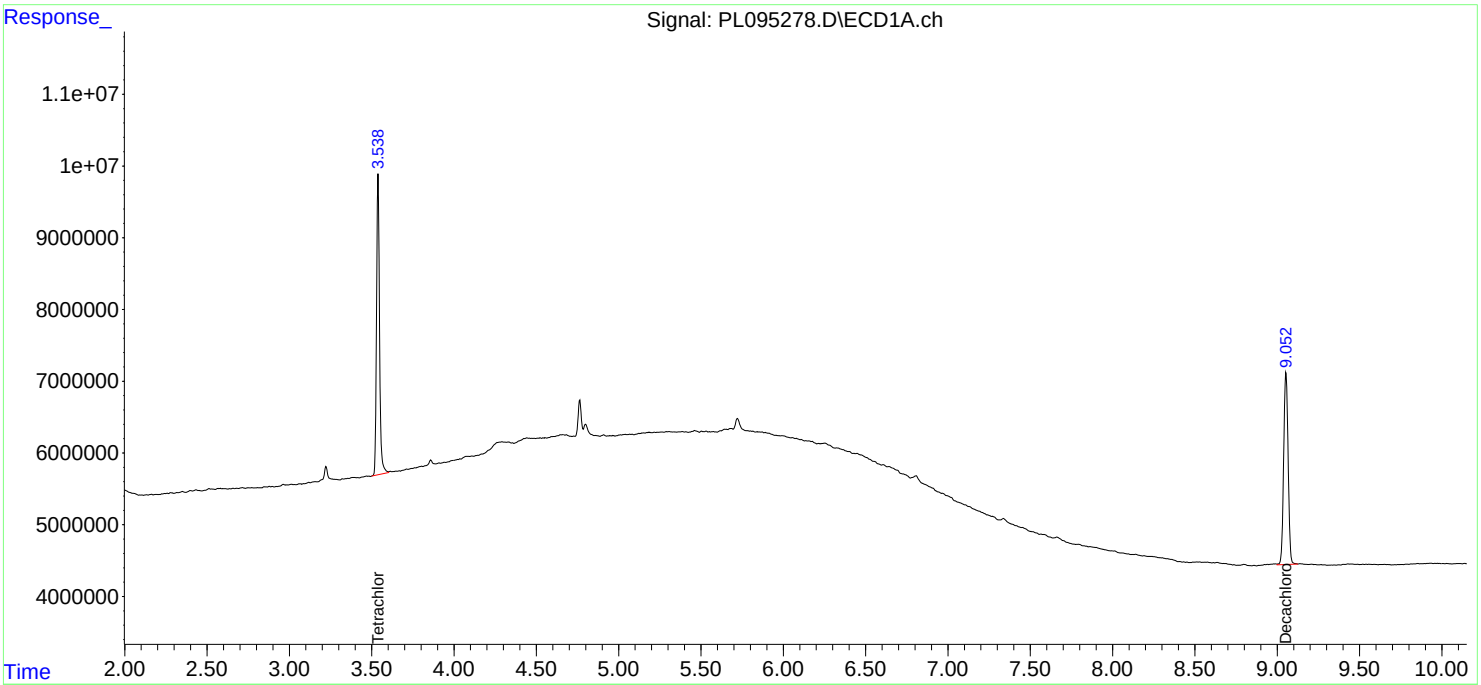
Sample Results: **PL095278.D**

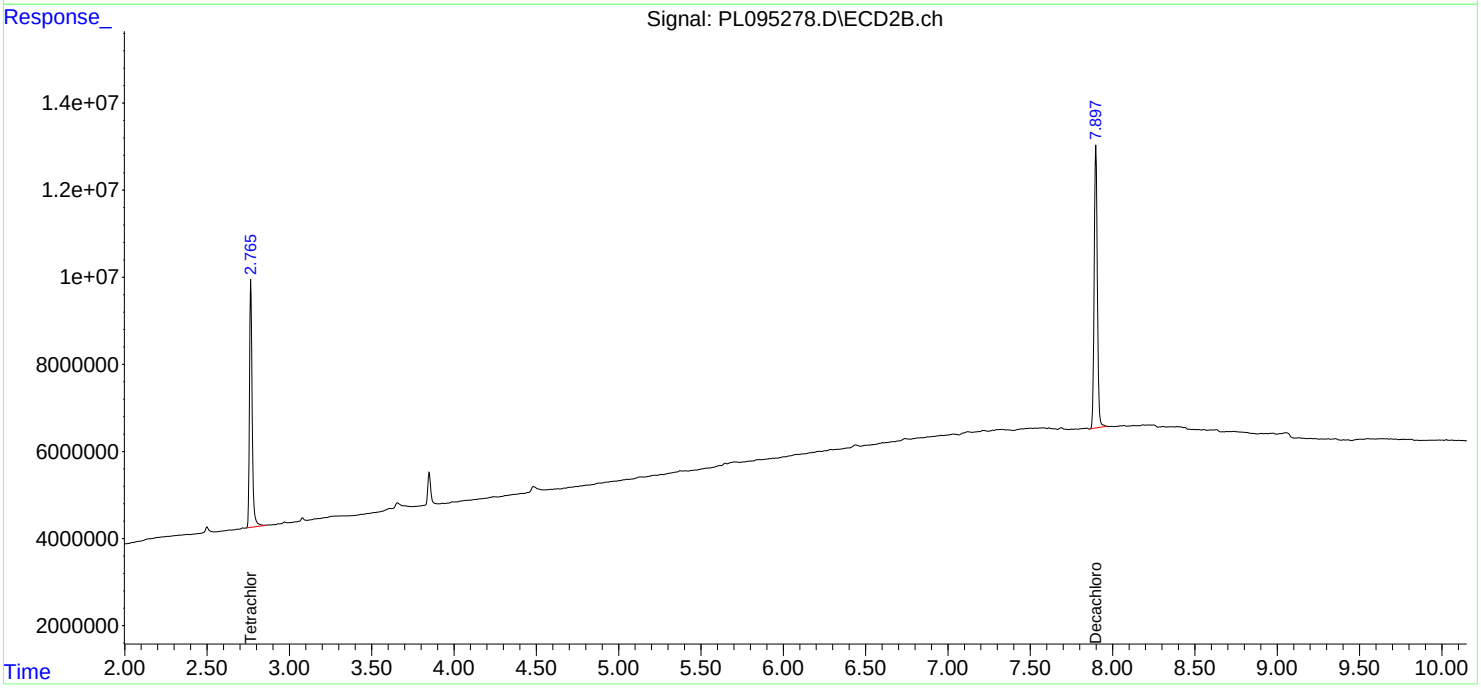
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 13:00
Operator : AR\AJ
Sample : PB167087BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

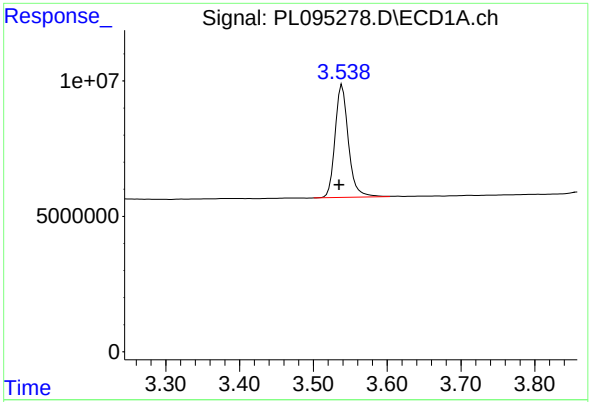
Instrument :
ECD_L
ClientSampleId :
PB167087BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 01:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:41:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



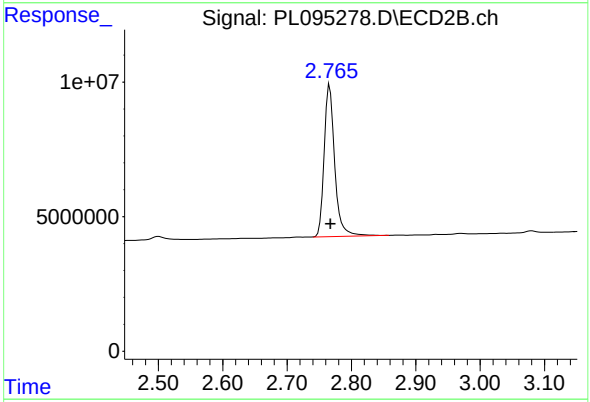




#1 Tetrachloro-m-xylene

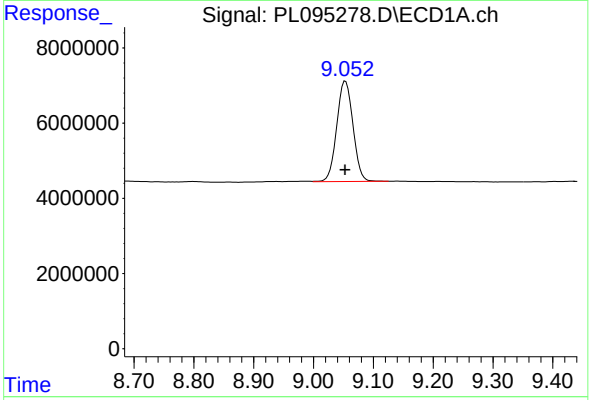
R.T.: 3.539 min
Delta R.T.: 0.004 min
Response: 52361774
Conc: 19.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167087BL



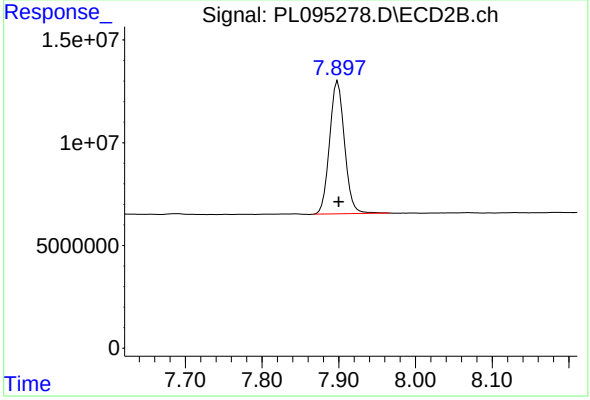
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: -0.001 min
Response: 64399355
Conc: 17.48 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 50398866
Conc: 21.14 ng/ml



#7 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 87365073
Conc: 20.10 ng/ml

Raw Data: **PL094566.D**

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Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	03/11/25
Project:	NJ Waste Water PT	Date Received:	03/11/25
Client Sample ID:	PIBLK-PL094566.D	SDG No.:	Q1502
Lab Sample ID:	I.BLK-PL094566.D	Matrix:	WATER
Analytical Method:	SW8081	% 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
PL094566.D	1		03/11/25	PL031125

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	22.7		43 - 140	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		77 - 126	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

Quantitation Report (QT Reviewed)

Sample Results: **PL094566.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 09:55
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:42:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.537	2.771	58403854	72167542	20.633	20.219
28)	SA Decachlor...	9.053	7.905	47932225	84990699	22.744	21.041
	Target Compounds						

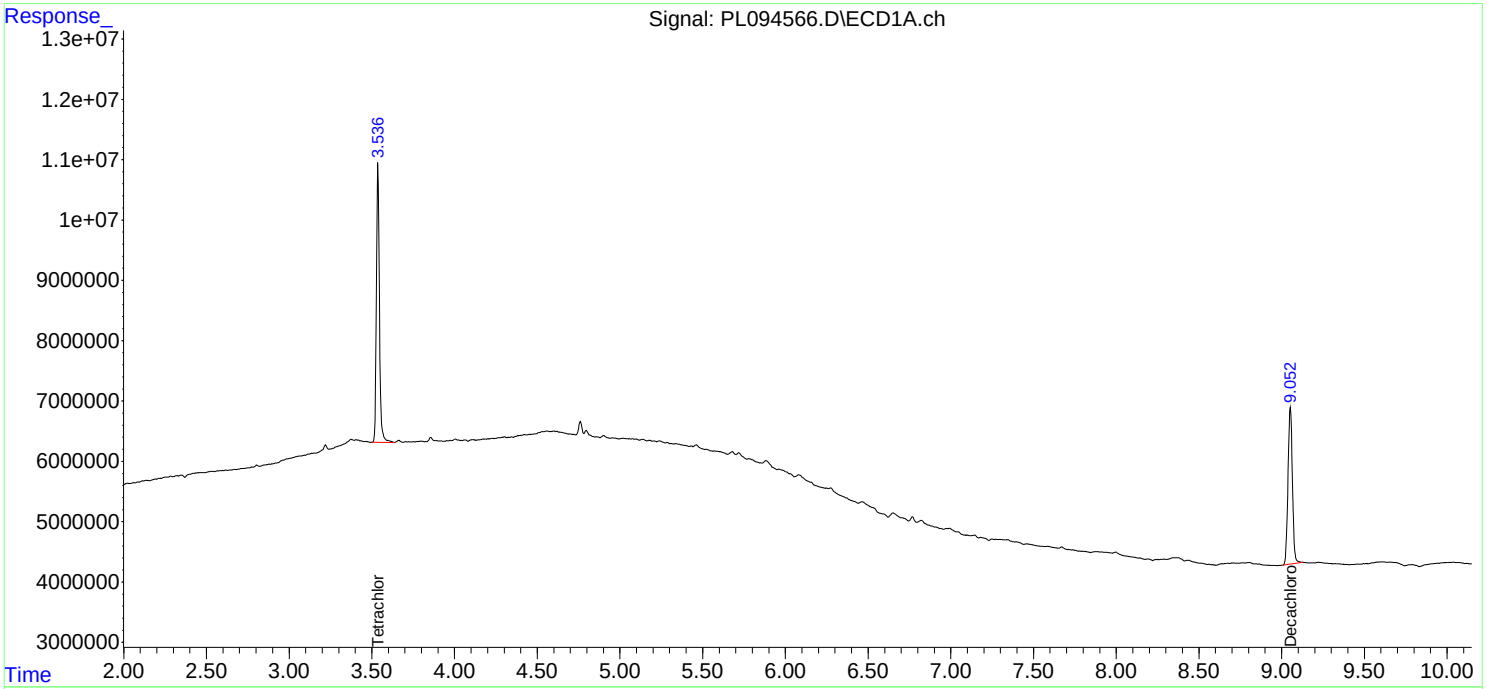
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

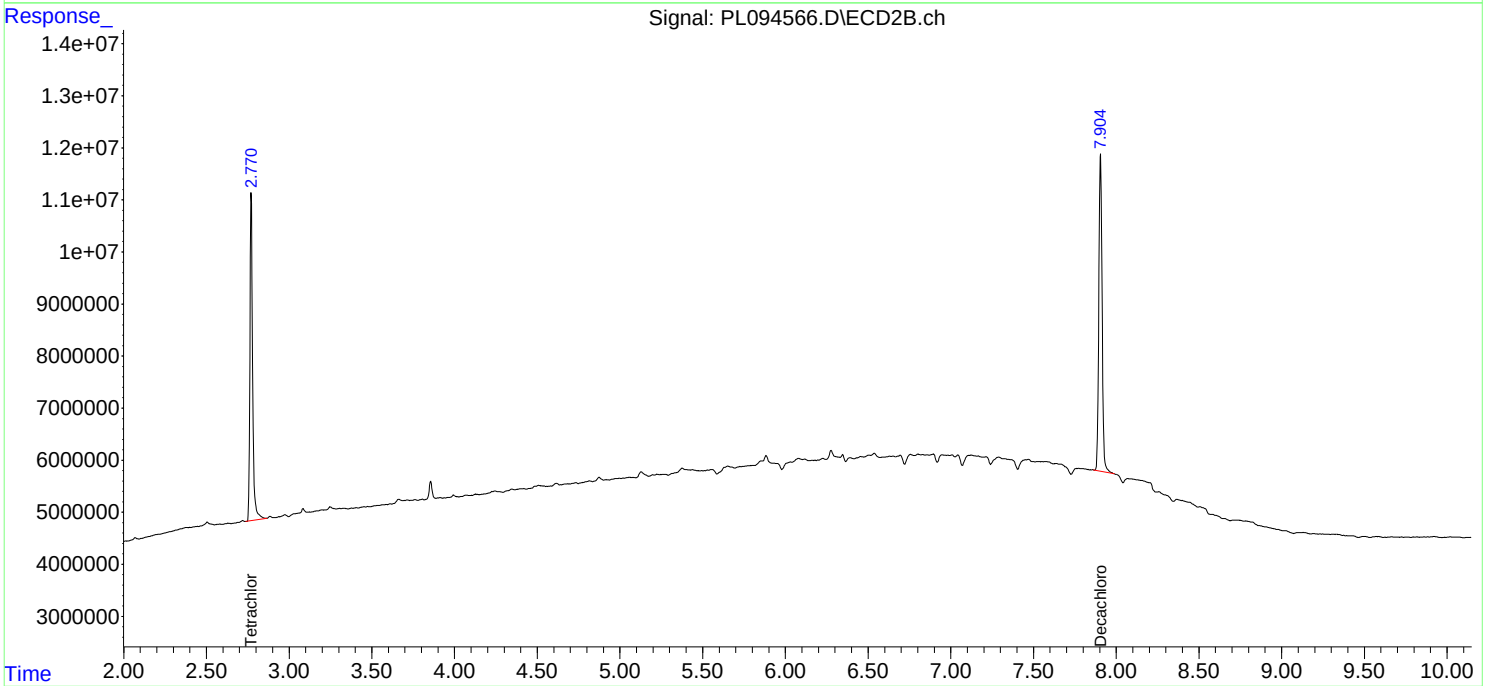
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 09:55
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

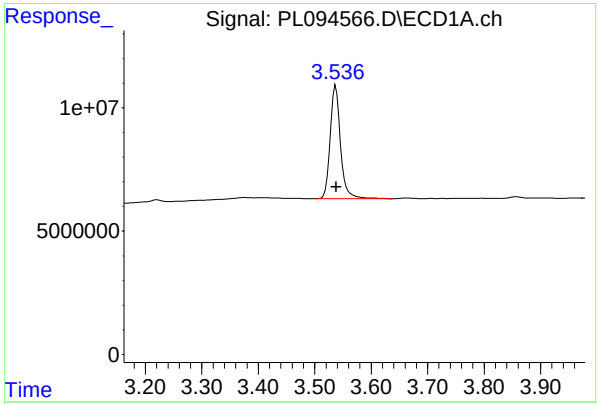
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 17:42:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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 x0.25µm



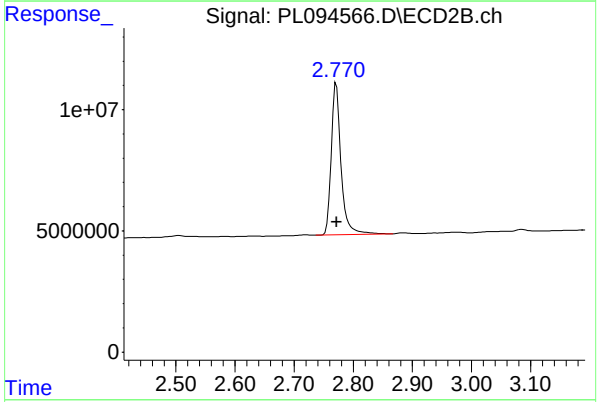




#1 Tetrachloro-m-xylene

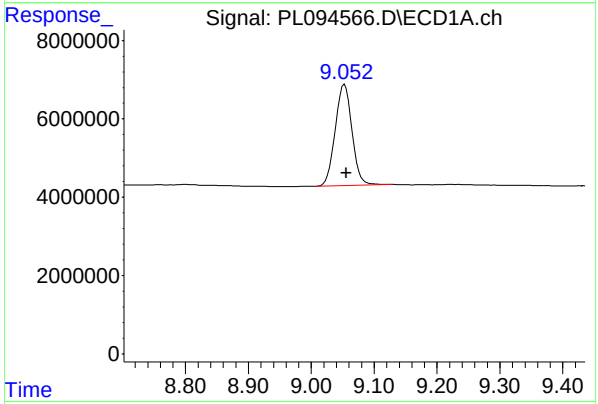
R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 58403854
Conc: 20.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



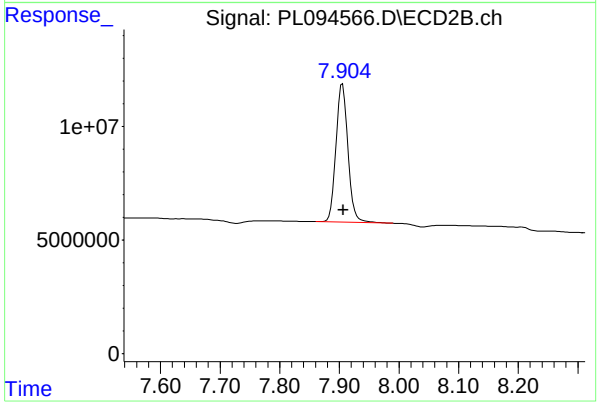
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 72167542
Conc: 20.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.003 min
Response: 47932225
Conc: 22.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.001 min
Response: 84990699
Conc: 21.04 ng/ml

Raw Data: **PL094628.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	03/12/25
Project:	NJ Waste Water PT	Date Received:	03/12/25
Client Sample ID:	PIBLK-PL094628.D	SDG No.:	Q1502
Lab Sample ID:	I.BLK-PL094628.D	Matrix:	WATER
Analytical Method:	SW8081	% 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
PL094628.D	1		03/12/25	PL031225

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	23.9		43 - 140	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.2		77 - 126	106%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 11:14
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 13:27:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.537	2.771	60056031	74706155	21.216	20.930
28)	SA Decachlor...	9.053	7.905	50405857	92543340	23.918	22.910
	Target Compounds						

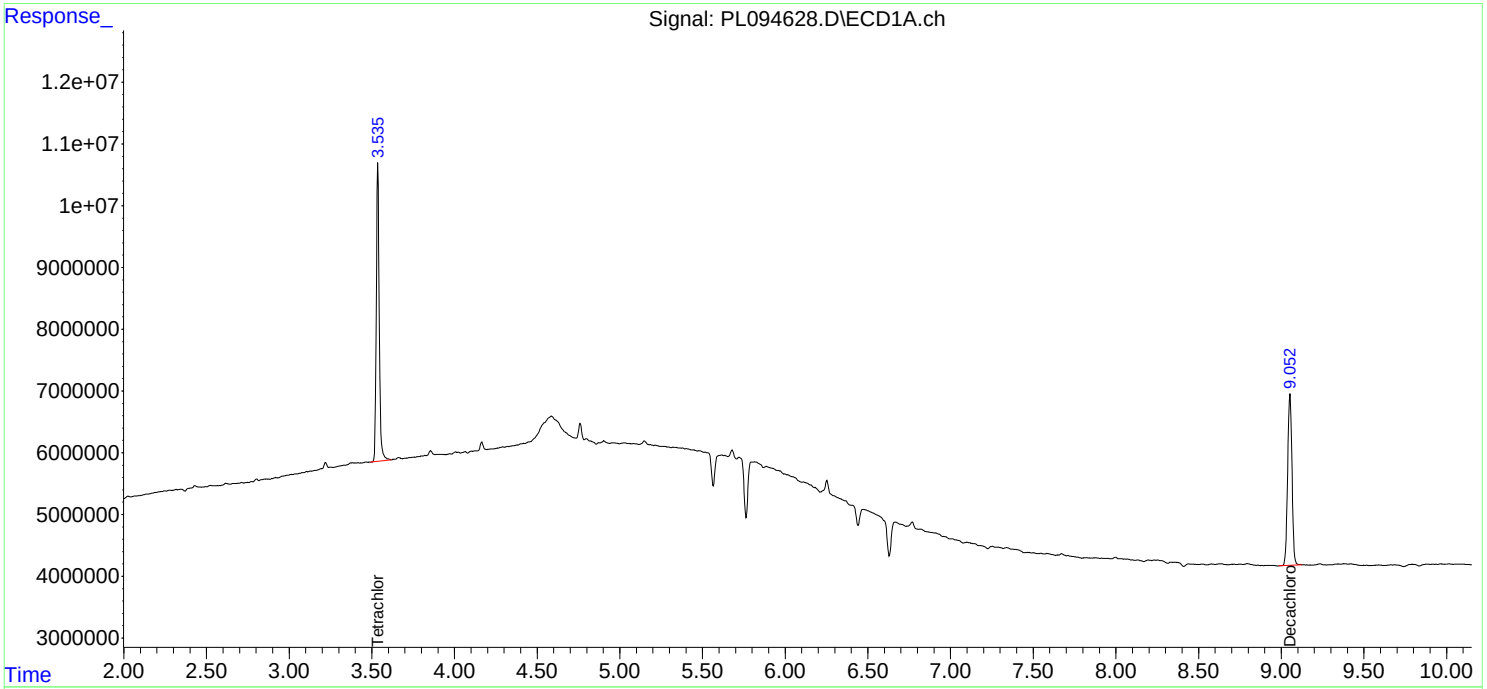
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

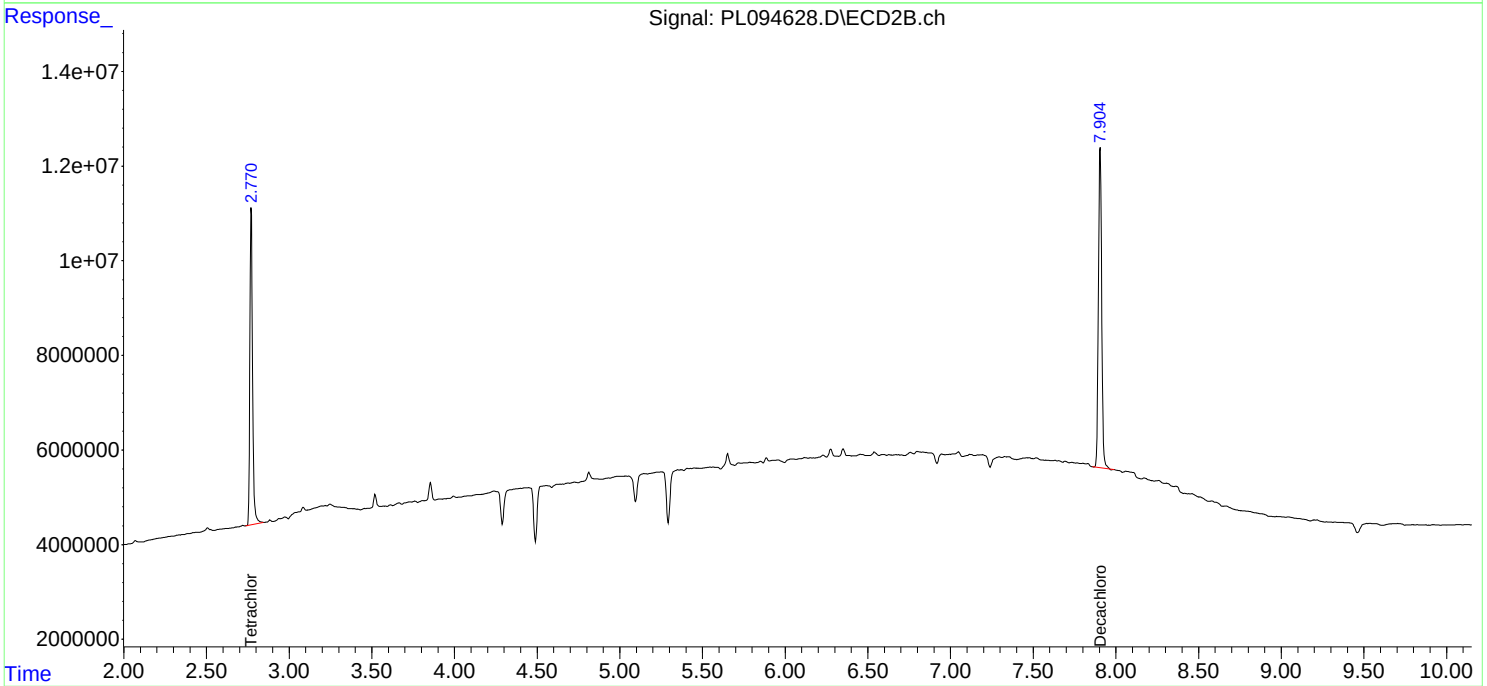
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 11:14
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

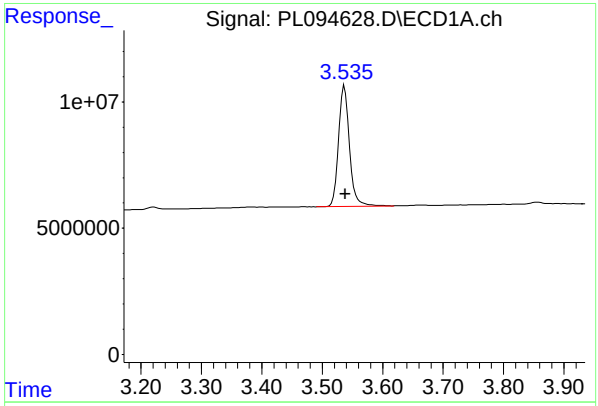
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 13:27:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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 x0.25µm



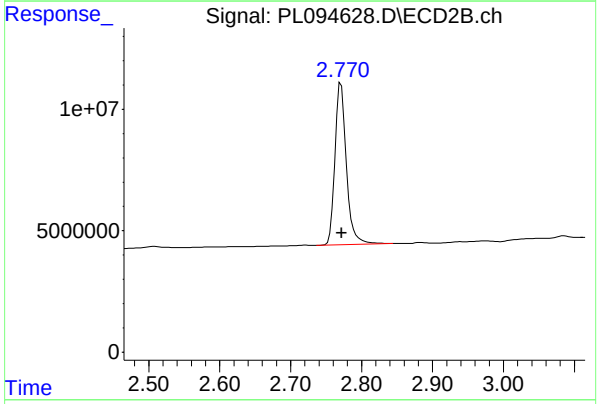




#1 Tetrachloro-m-xylene

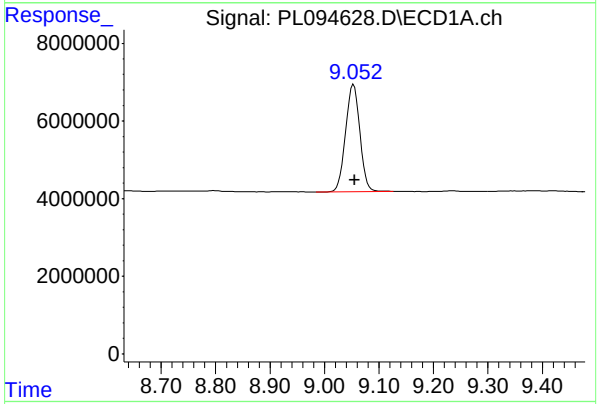
R.T.: 3.537 min
Delta R.T.: -0.001 min
Response: 60056031
Conc: 21.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



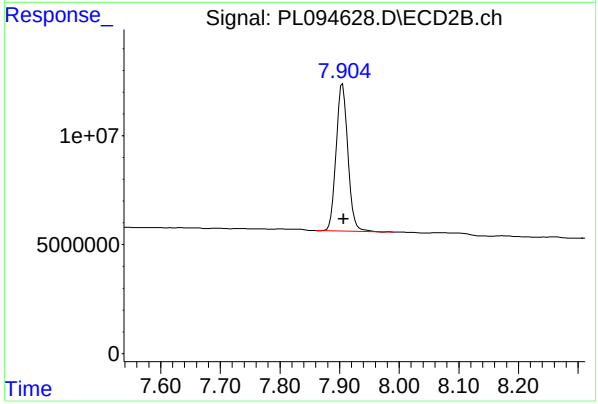
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 74706155
Conc: 20.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.002 min
Response: 50405857
Conc: 23.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 92543340
Conc: 22.91 ng/ml

Raw Data: **PL094639.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	03/12/25
Project:	NJ Waste Water PT	Date Received:	03/12/25
Client Sample ID:	PIBLK-PL094639.D	SDG No.:	Q1502
Lab Sample ID:	I.BLK-PL094639.D	Matrix:	WATER
Analytical Method:	SW8081	% 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
PL094639.D	1		03/12/25	PL031225

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	24.1		43 - 140	121%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		77 - 126	105%	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

Quantitation Report (QT Reviewed)

Sample Results: **PL094639.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094639.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 15:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:34:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.771	59508773	74819020	21.023	20.962
28)	SA Decachlor...	9.059	7.906	50811180	96286768	24.110	23.837
	Target Compounds						

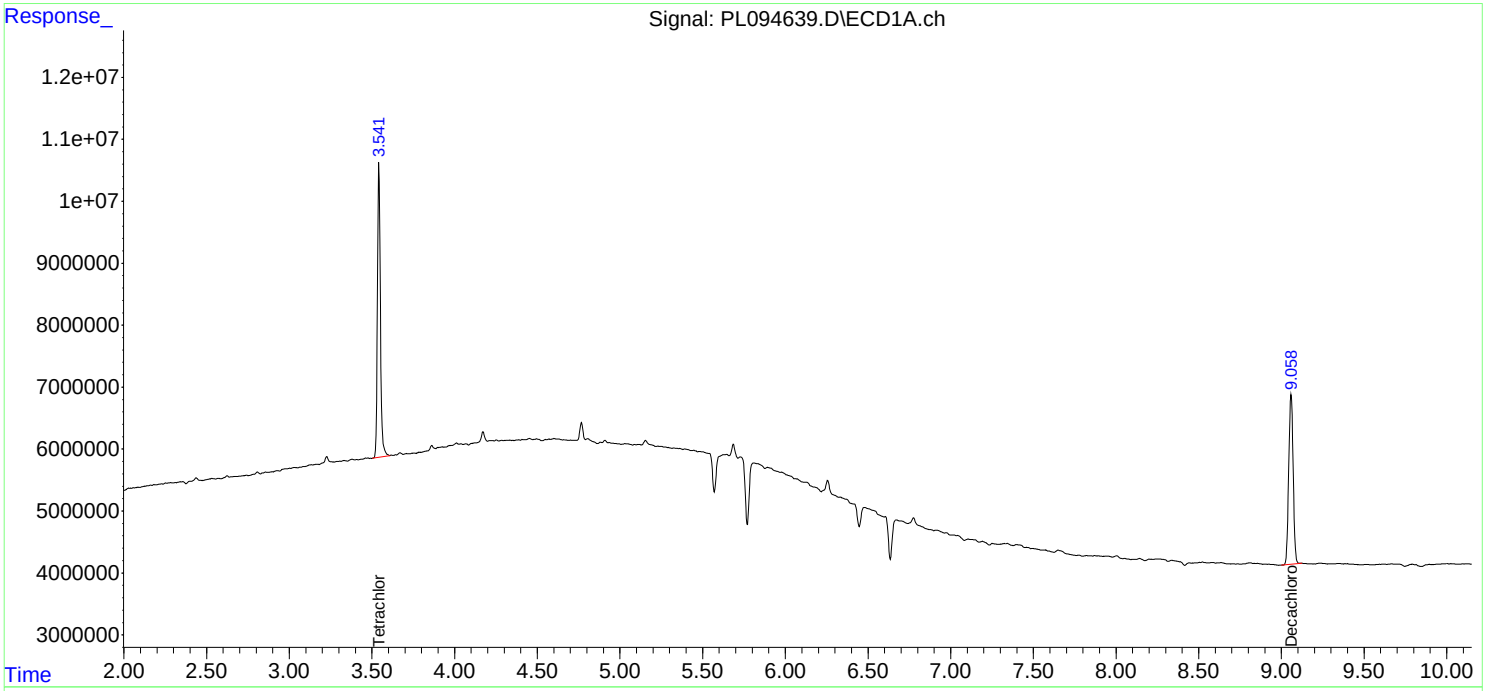
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

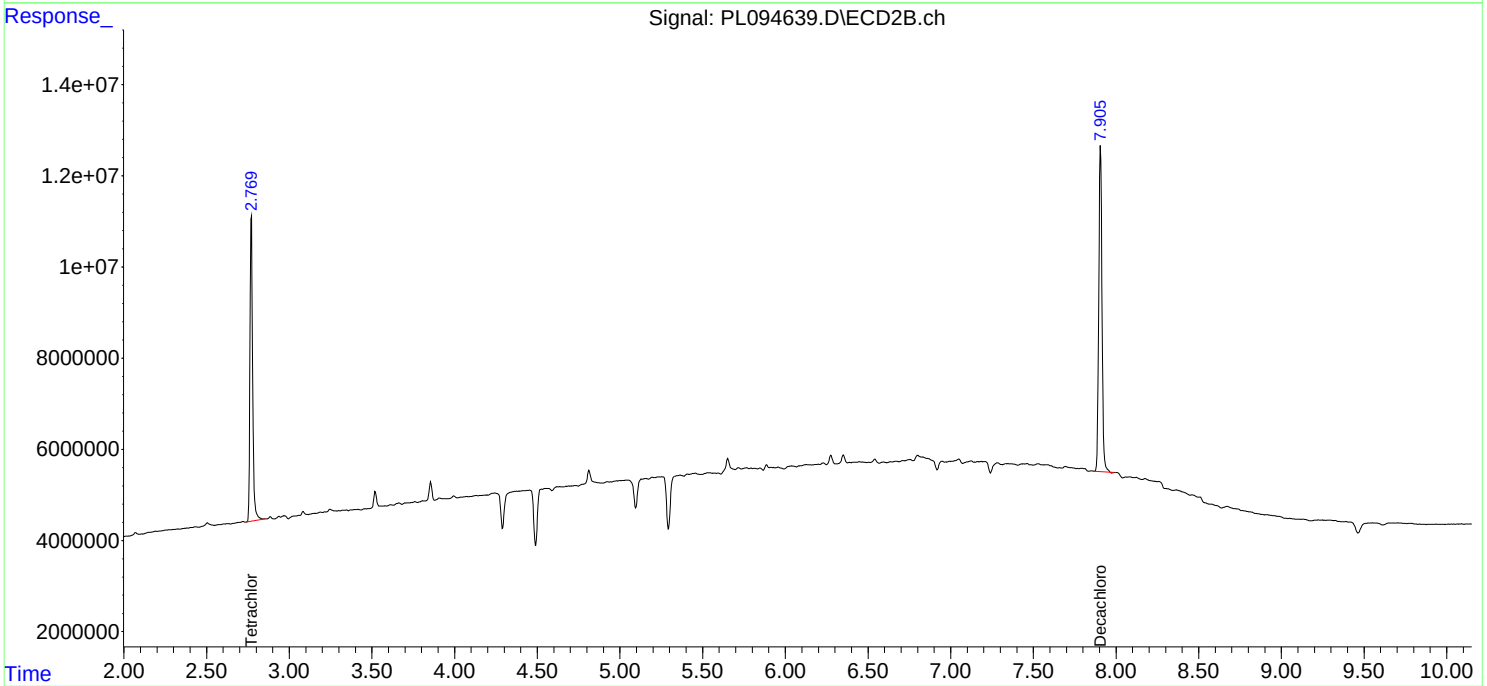
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094639.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 15:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

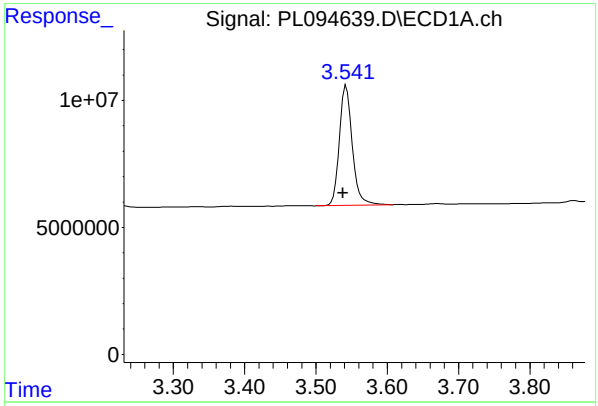
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:34:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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 x0.25µm



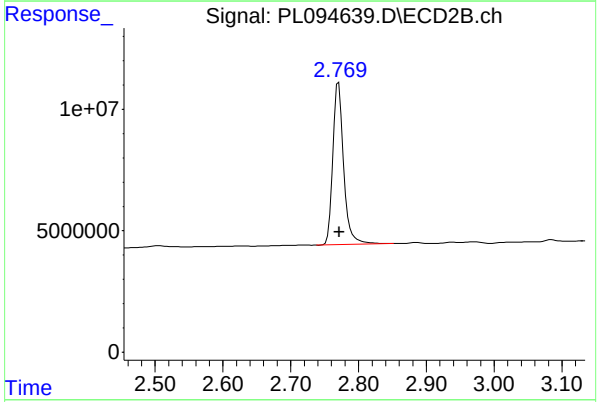




#1 Tetrachloro-m-xylene

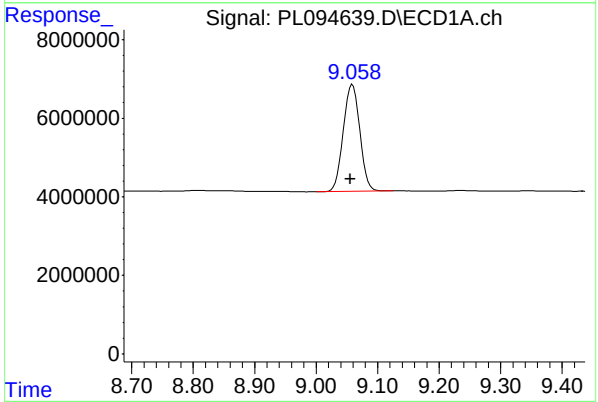
R.T.: 3.543 min
Delta R.T.: 0.005 min
Response: 59508773
Conc: 21.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



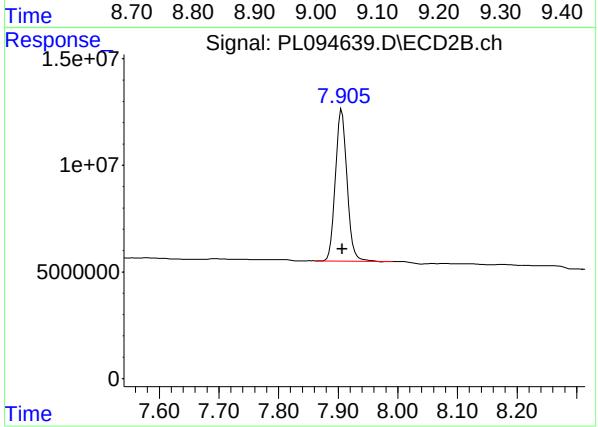
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 74819020
Conc: 20.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.003 min
Response: 50811180
Conc: 24.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 96286768
Conc: 23.84 ng/ml

Raw Data: **PL095202.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	04/14/25
Project:	NJ Waste Water PT	Date Received:	04/14/25
Client Sample ID:	PIBLK-PL095202.D	SDG No.:	Q1502
Lab Sample ID:	I.BLK-PL095202.D	Matrix:	WATER
Analytical Method:	SW8081	% 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
PL095202.D	1		04/14/25	PL041425

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	22.6		43 - 140	113%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		77 - 126	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

Quantitation Report (QT Reviewed)

Sample Results: **PL095202.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095202.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 14:26
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 17:50:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 17:48:47 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.534	2.767	56549483	74610748	20.614	20.050
28)	SA Decachlor...	9.052	7.899	54458382	95519883	22.618	21.714
	Target Compounds						

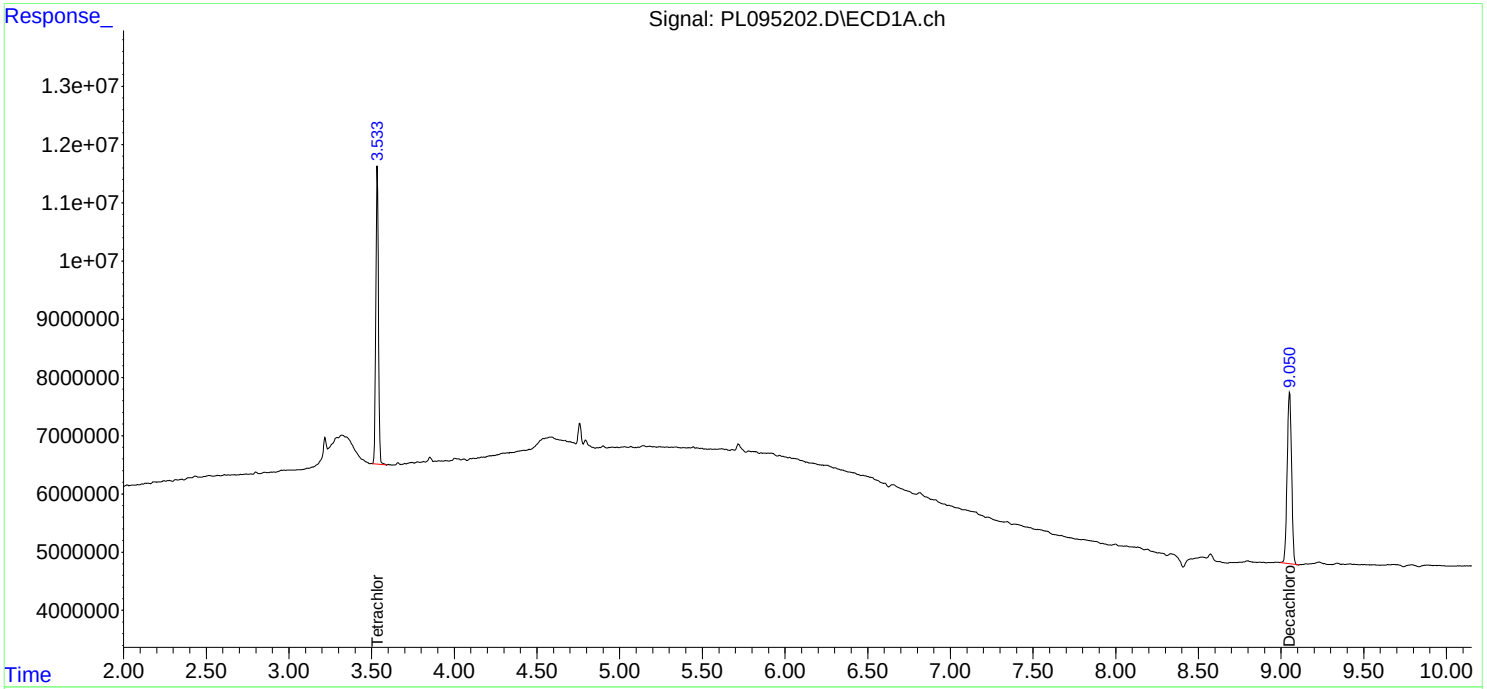
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

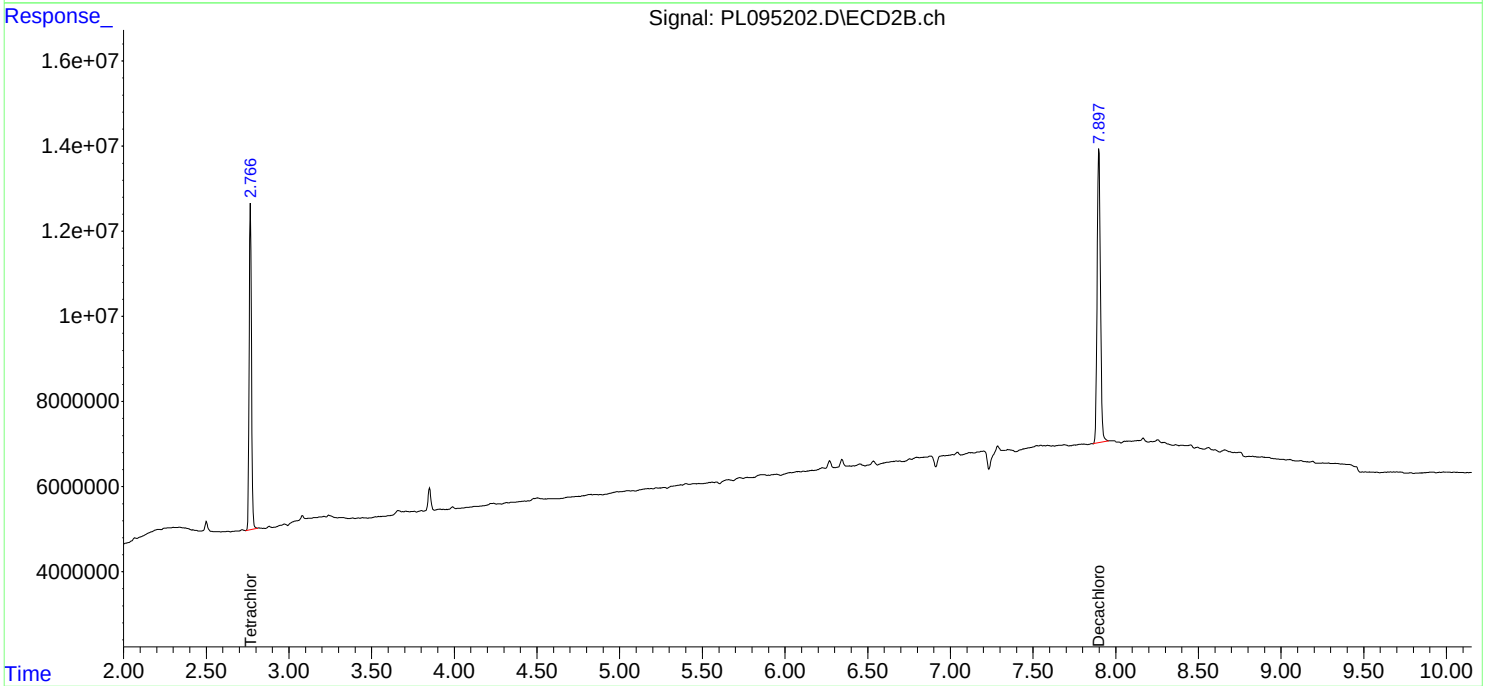
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095202.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 14:26
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

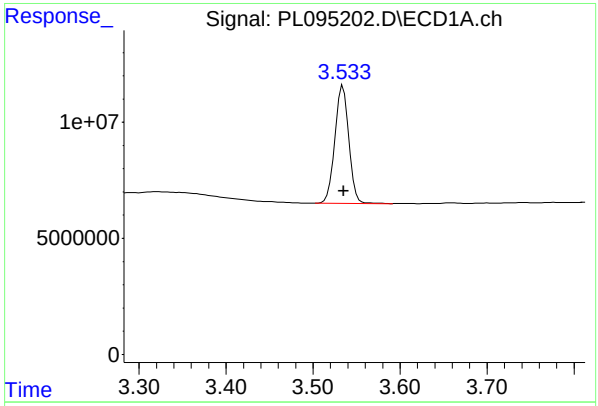
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 17:50:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 17:48:47 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 x0.25µm



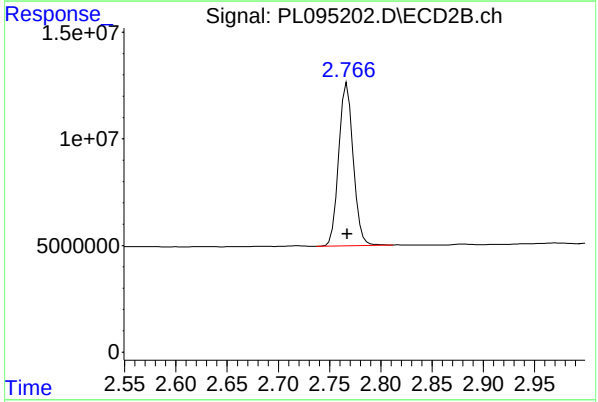




#1 Tetrachloro-m-xylene

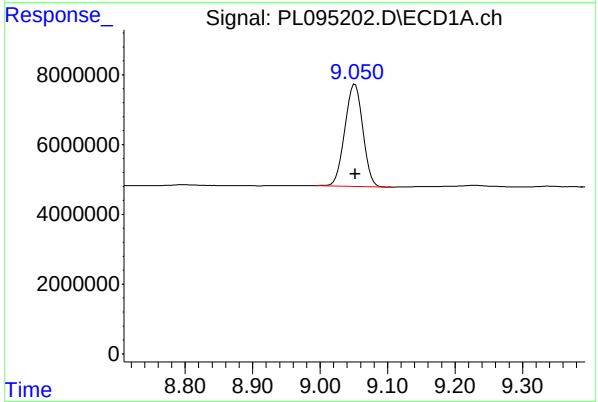
R.T.: 3.534 min
Delta R.T.: 0.000 min
Response: 56549483
Conc: 20.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



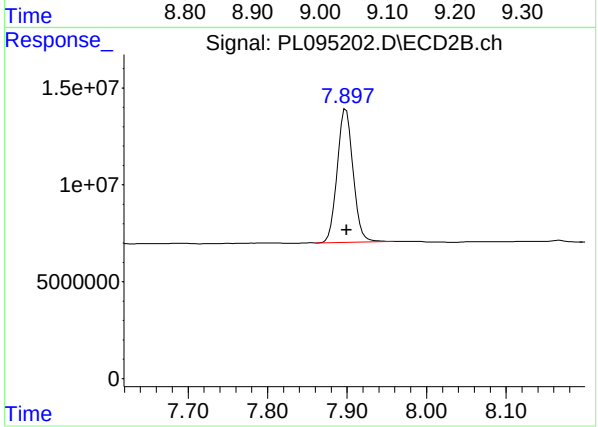
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 74610748
Conc: 20.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 54458382
Conc: 22.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 95519883
Conc: 21.71 ng/ml

Raw Data: **PL095272.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	04/17/25
Project:	NJ Waste Water PT	Date Received:	04/17/25
Client Sample ID:	PIBLK-PL095272.D	SDG No.:	Q1502
Lab Sample ID:	I.BLK-PL095272.D	Matrix:	water
Analytical Method:	SW8081	% 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
PL095272.D	1		04/17/25	PL041725

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	20.8		43 - 140	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		77 - 126	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

Sample Results: **PL095272.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 10:24
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 11:51:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.541	2.767	56027707	69872811	20.424	18.777
28)	SA Decachlor...	9.056	7.899	50079757	89809380	20.800	20.415
	Target Compounds						

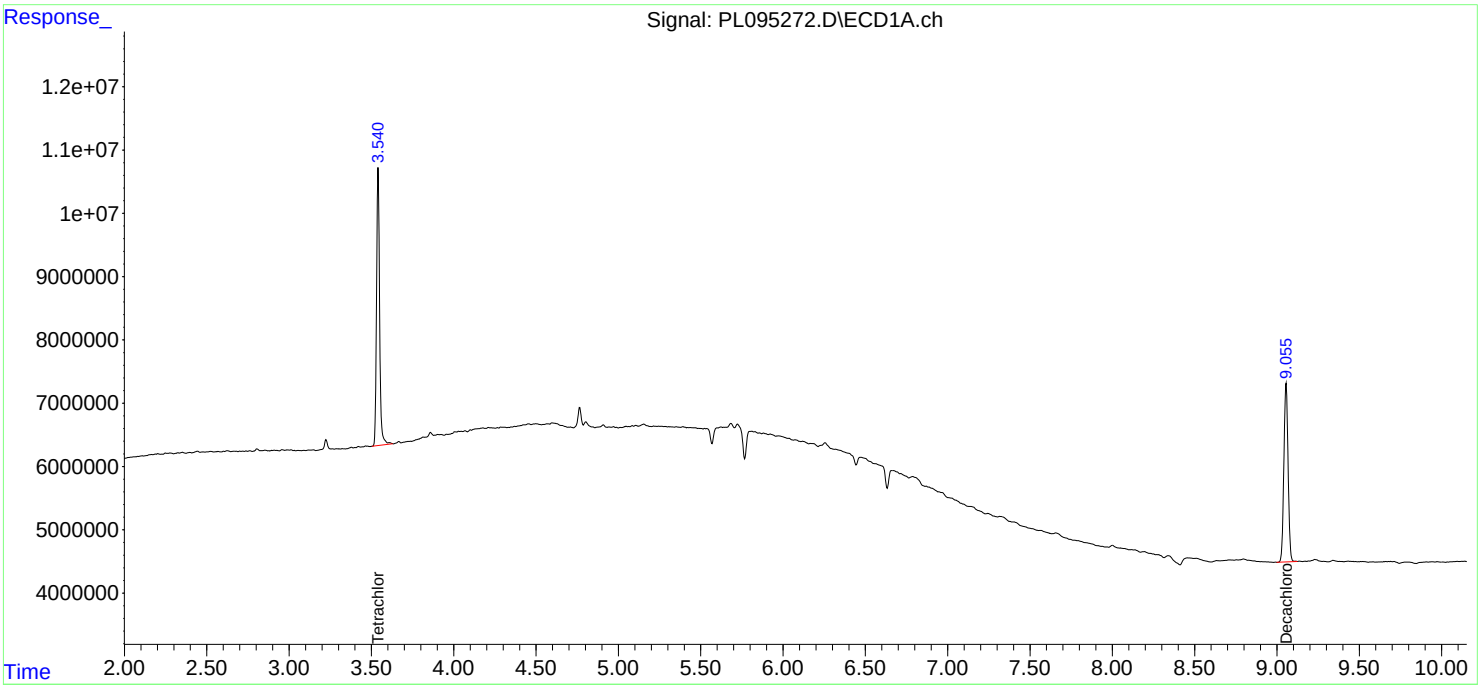
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

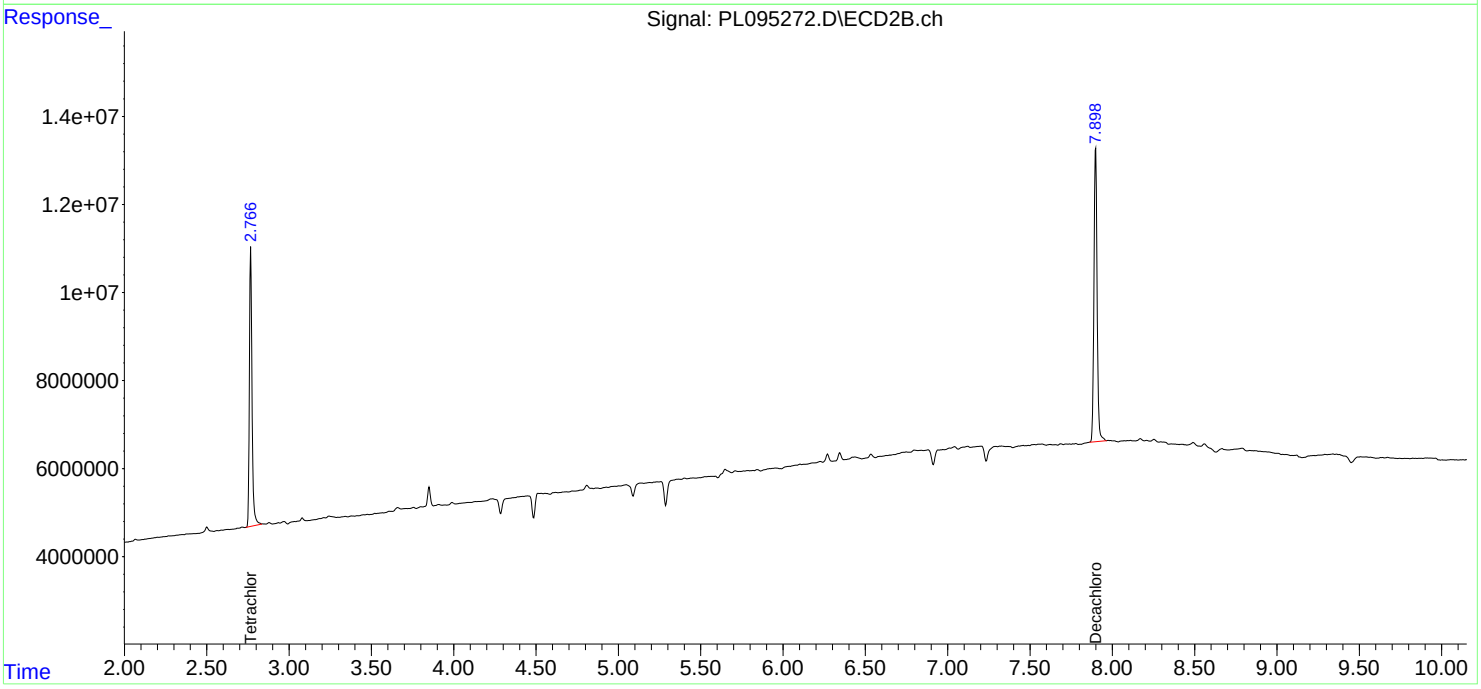
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 10:24
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 13 Sample Multiplier: 1

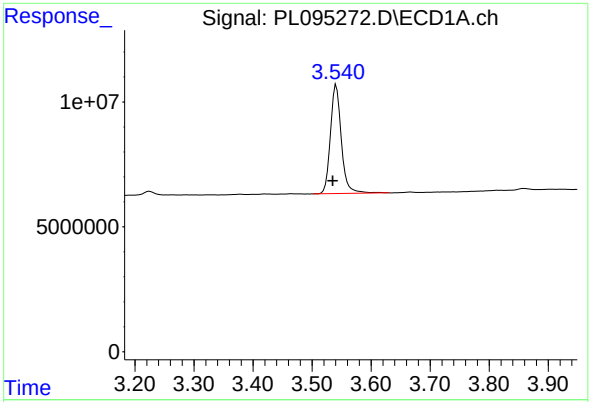
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 11:51:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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 x0.25µm



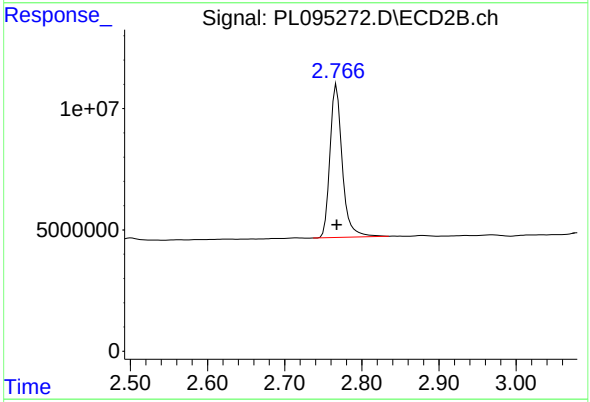




#1 Tetrachloro-m-xylene

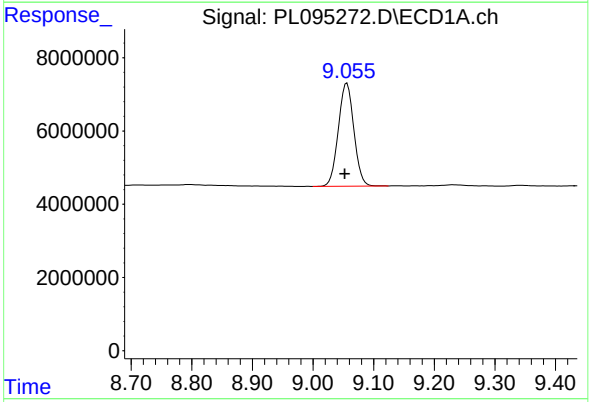
R.T.: 3.541 min
Delta R.T.: 0.006 min
Response: 56027707
Conc: 20.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



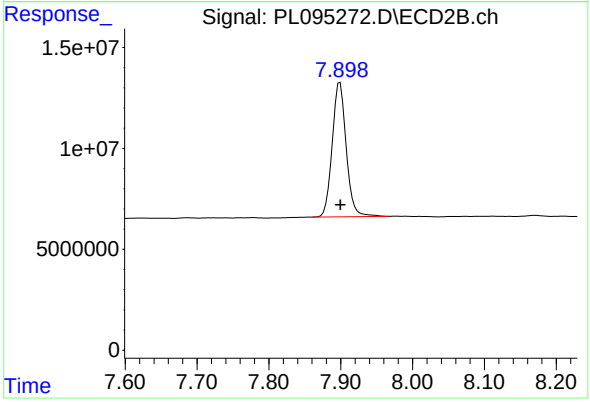
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 69872811
Conc: 18.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.003 min
Response: 50079757
Conc: 20.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 89809380
Conc: 20.42 ng/ml

Raw Data: **PL095280.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	04/17/25
Project:	NJ Waste Water PT	Date Received:	04/17/25
Client Sample ID:	PIBLK-PL095280.D	SDG No.:	Q1502
Lab Sample ID:	I.BLK-PL095280.D	Matrix:	WATER
Analytical Method:	SW8081	% 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
PL095280.D	1		04/17/25	pl041725

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	21.7		43 - 140	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		77 - 126	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

Sample Results: **PL095280.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 13:46
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 14:16:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.540	2.766	54822453	70843807	19.984	19.038
28)	SA Decachlor...	9.056	7.898	52270313	93172208	21.710	21.180
	Target Compounds						

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

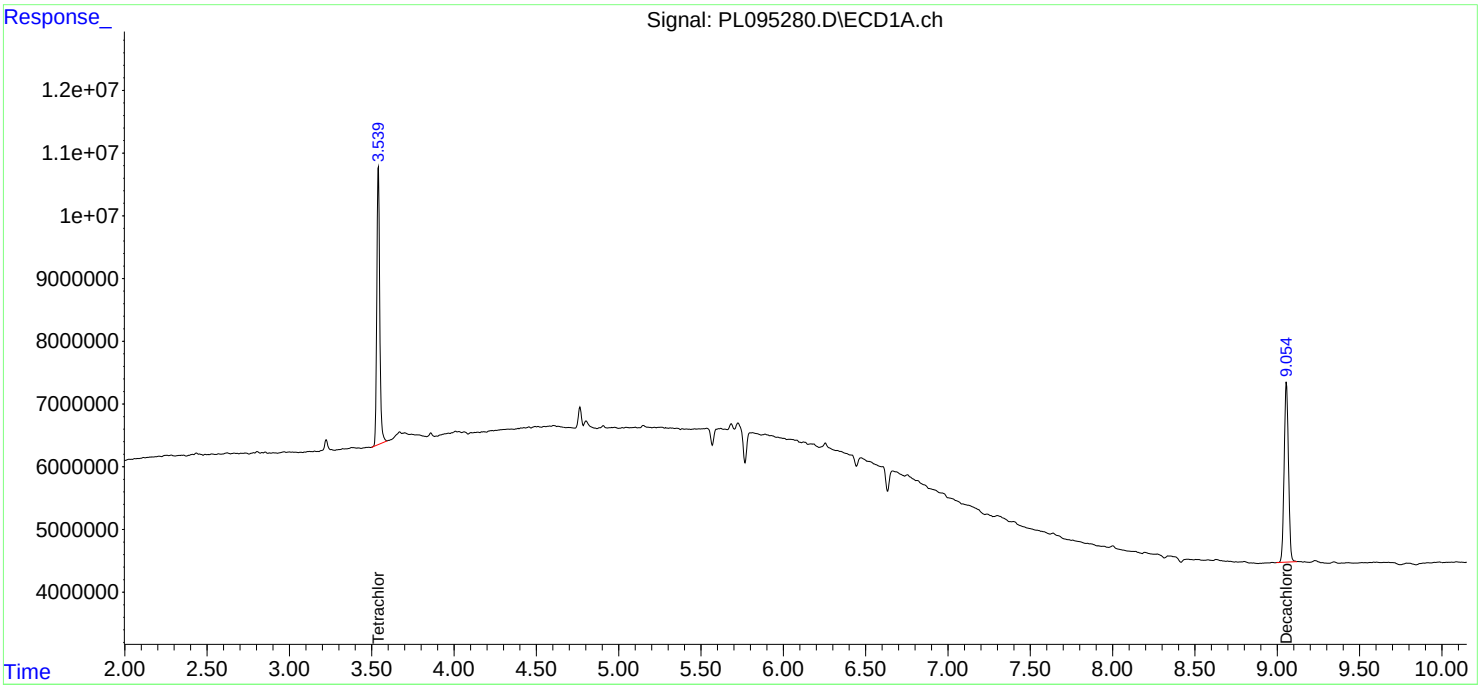
Sample Results: **PL095280.D**

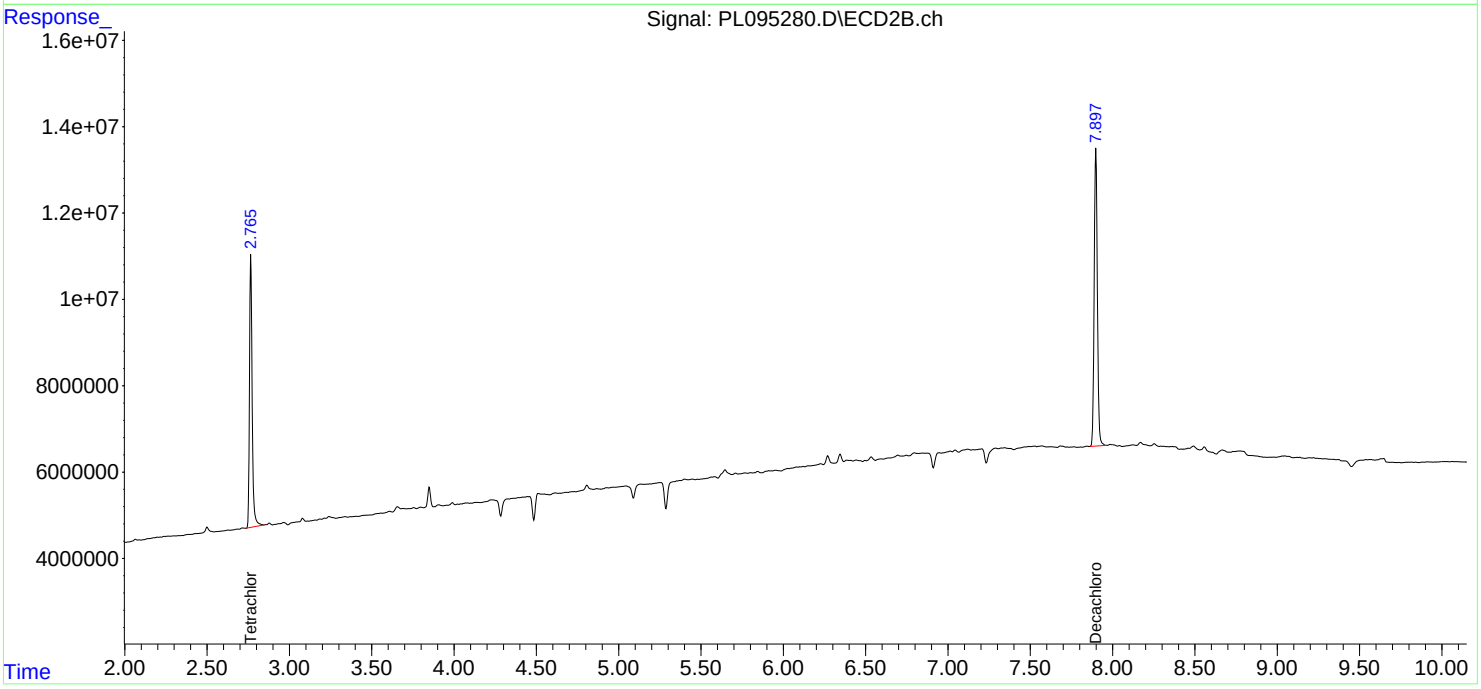
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 13:46
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

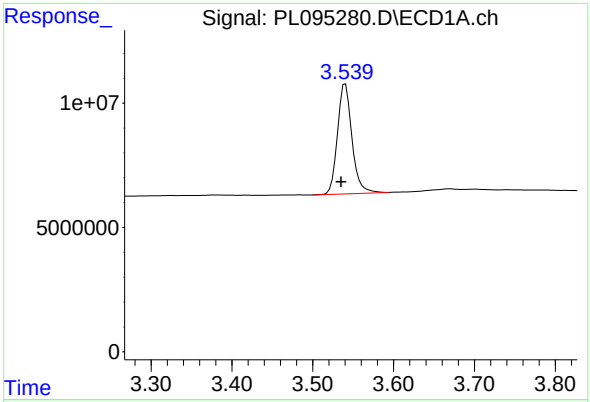
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 14:16:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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 x0.25µm



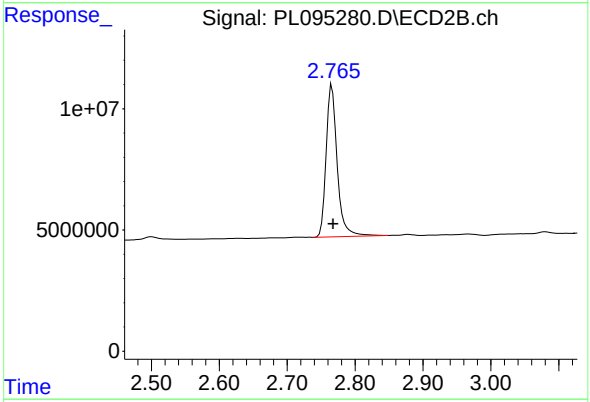




#1 Tetrachloro-m-xylene

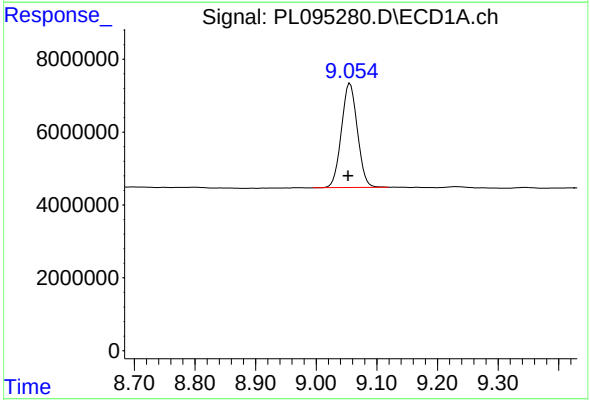
R.T.: 3.540 min
Delta R.T.: 0.005 min
Response: 54822453
Conc: 19.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



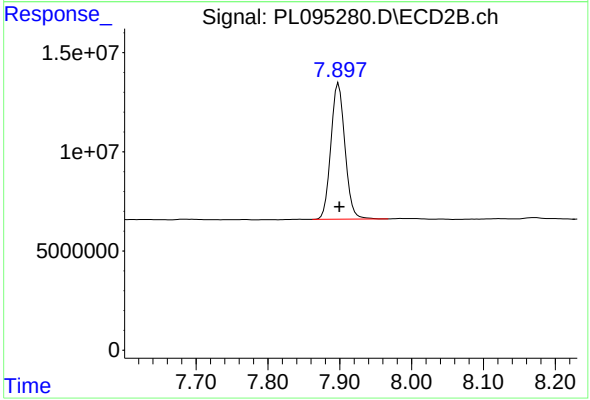
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: -0.001 min
Response: 70843807
Conc: 19.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.003 min
Response: 52270313
Conc: 21.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.001 min
Response: 93172208
Conc: 21.18 ng/ml

Raw Data: **PL095279.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167087BS	SDG No.:	Q1502
Lab Sample ID:	PB167087BS	Matrix:	WATER
Analytical Method:	SW8081	% 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
PL095279.D	1	03/11/25 08:46	04/17/25 13:14	PB167087

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
8001-35-2	Toxaphene	2.00		0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.0		43 - 140	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		77 - 126	105%	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

Sample Results: **PL095279.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 13:14
Operator : AR\AJ
Sample : PB167087BS
Misc : BS TOX
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB167087BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 23:13:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:41:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.535	2.767	56545561	71862054	21.017	19.501
7) SA	Decachlor...	9.048	7.897	47586962	81967970	19.962	18.861
	Target Compounds						
2)	Toxaphene-1	6.231	4.992	5046223	5576116	175.952	206.062
3)	Toxaphene-2	6.436	5.316	3588982	5013265	227.007	199.554
4)	Toxaphene-3	7.054	5.673	16487866	4869361	197.517	181.338
5)	Toxaphene-4	7.145	6.587	12826584	17195547	199.484	179.510
6)	Toxaphene-5	7.929	7.028	9234505	17745164	200.669	170.785

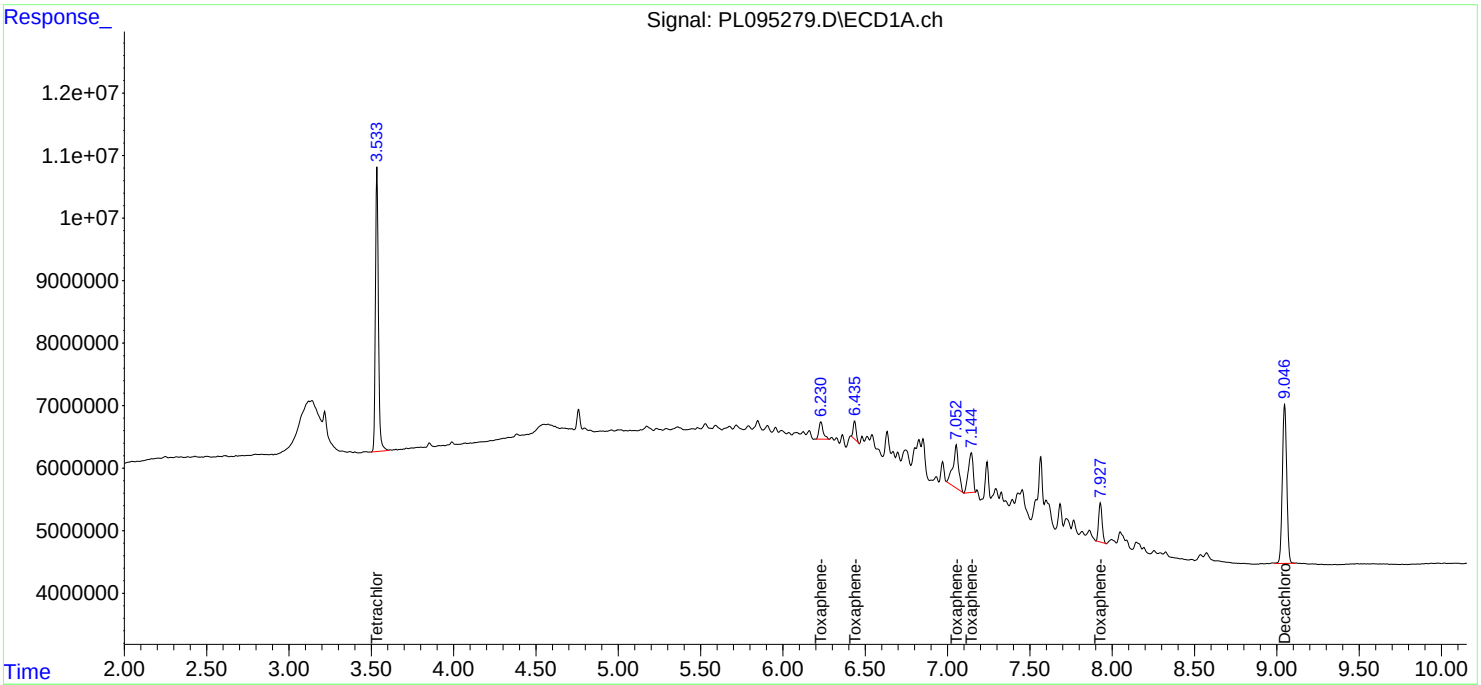
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

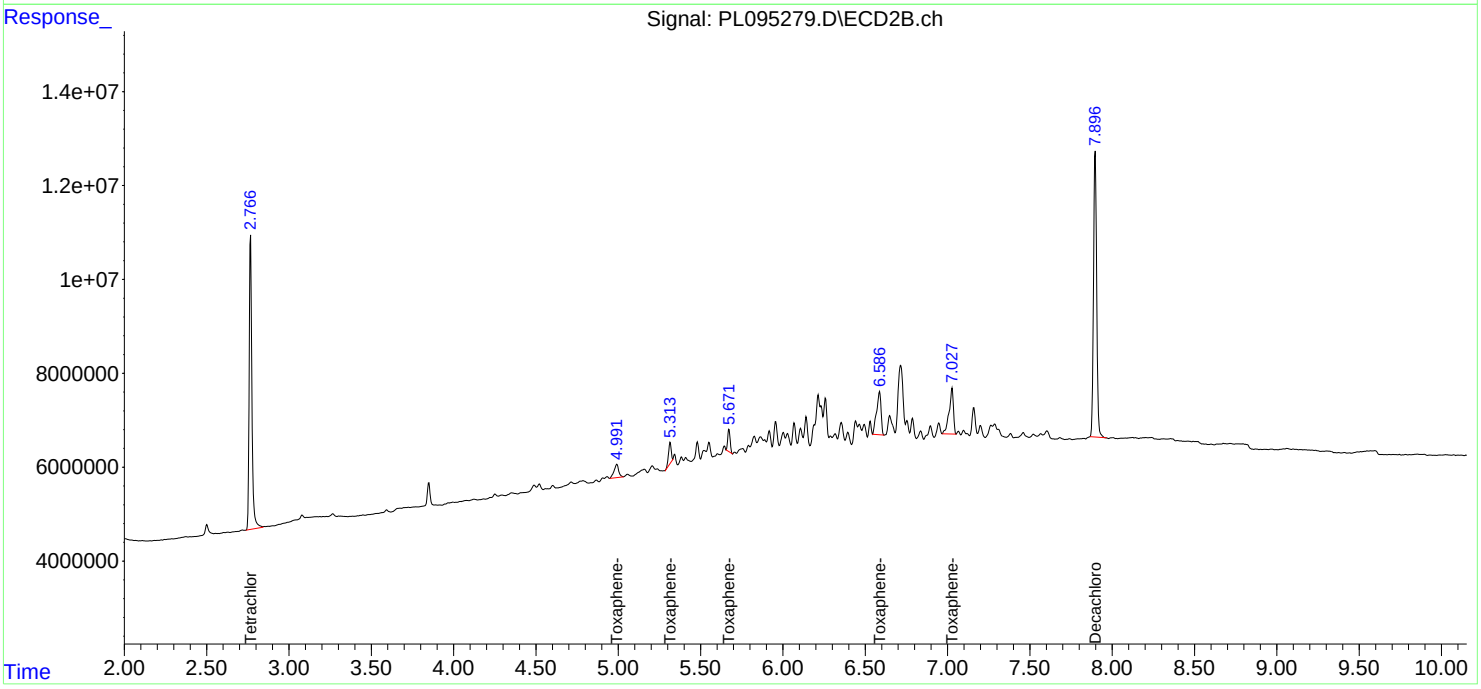
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 13:14
Operator : AR\AJ
Sample : PB167087BS
Misc : BS TOX
ALS Vial : 10 Sample Multiplier: 1

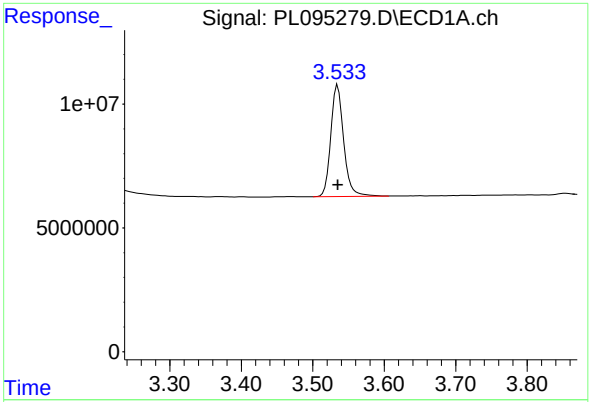
Instrument :
ECD_L
ClientSampleId :
PB167087BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 23:13:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 18:41:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



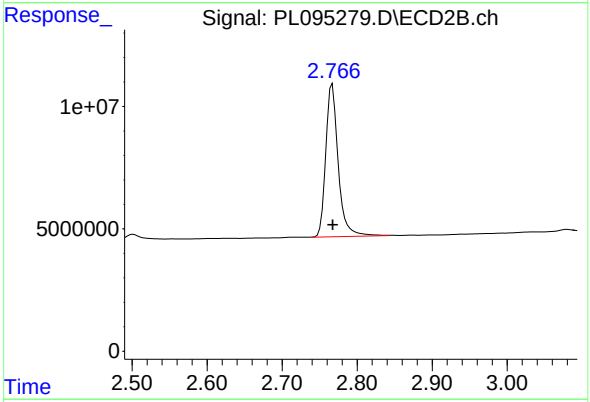




#1 Tetrachloro-m-xylene

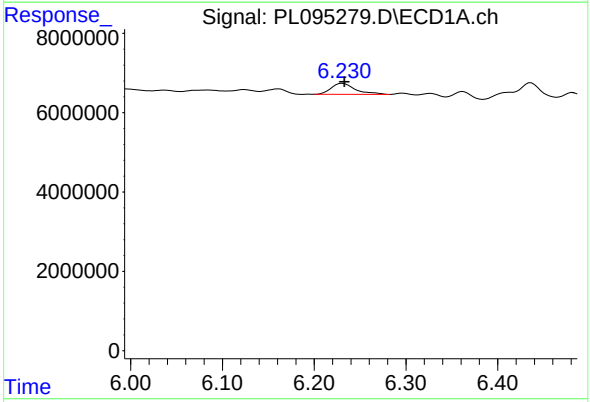
R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 56545561
Conc: 21.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167087BS



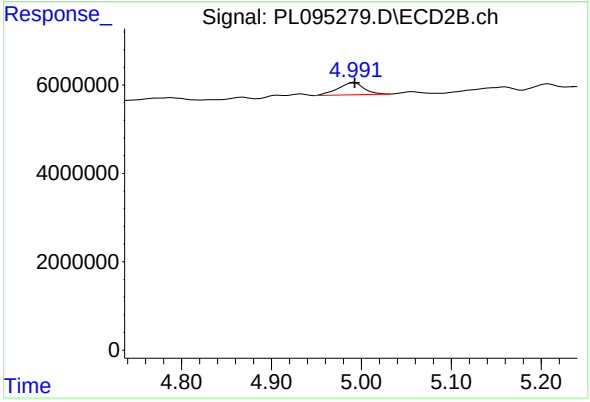
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 71862054
Conc: 19.50 ng/ml



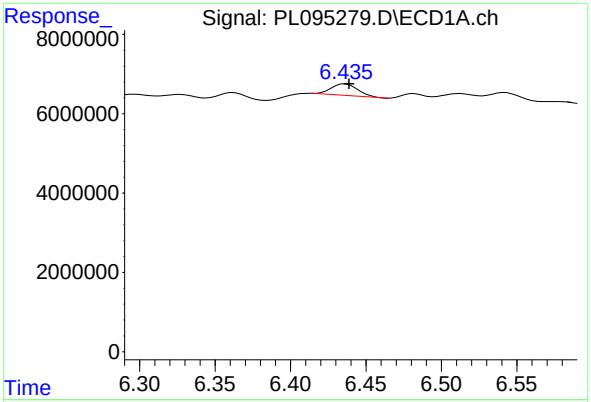
#2 Toxaphene-1

R.T.: 6.231 min
Delta R.T.: -0.002 min
Response: 5046223
Conc: 175.95 ng/ml



#2 Toxaphene-1

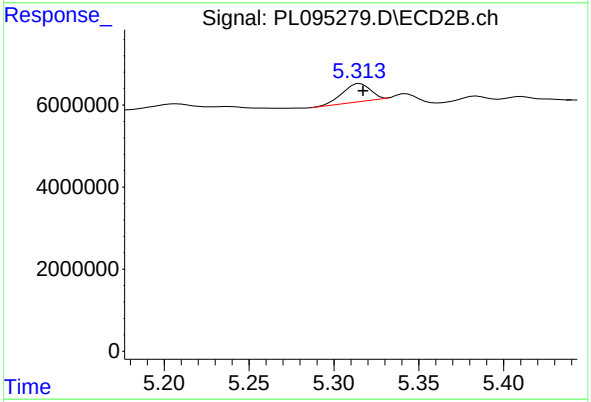
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 5576116
Conc: 206.06 ng/ml



#3 Toxaphene-2

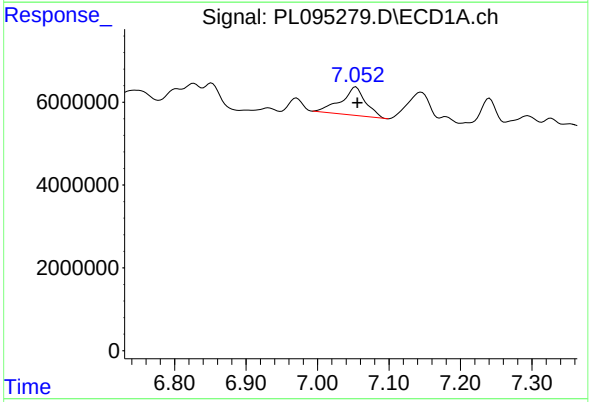
R.T.: 6.436 min
Delta R.T.: -0.002 min
Response: 3588982
Conc: 227.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167087BS



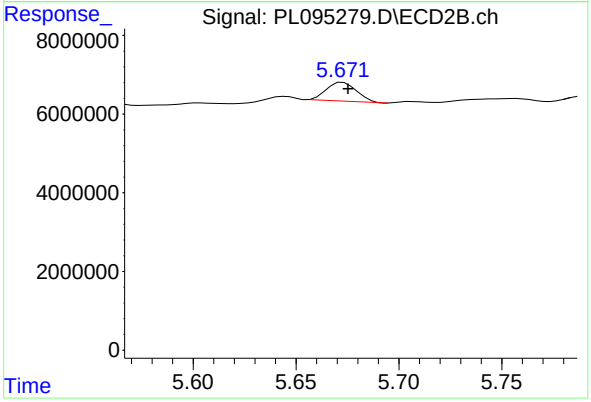
#3 Toxaphene-2

R.T.: 5.316 min
Delta R.T.: -0.001 min
Response: 5013265
Conc: 199.55 ng/ml



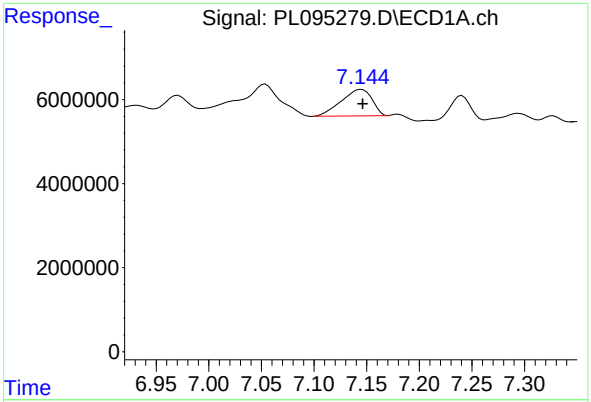
#4 Toxaphene-3

R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 16487866
Conc: 197.52 ng/ml



#4 Toxaphene-3

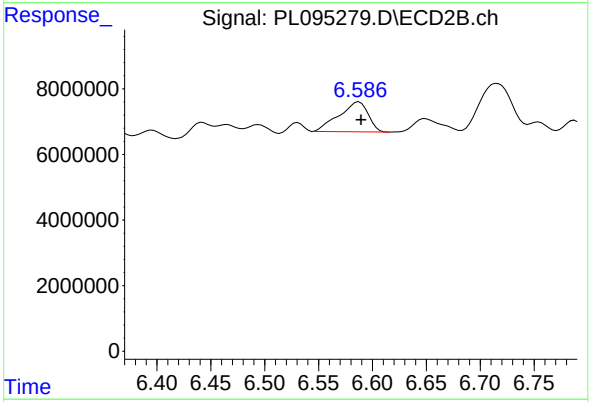
R.T.: 5.673 min
Delta R.T.: -0.002 min
Response: 4869361
Conc: 181.34 ng/ml



#5 Toxaphene-4

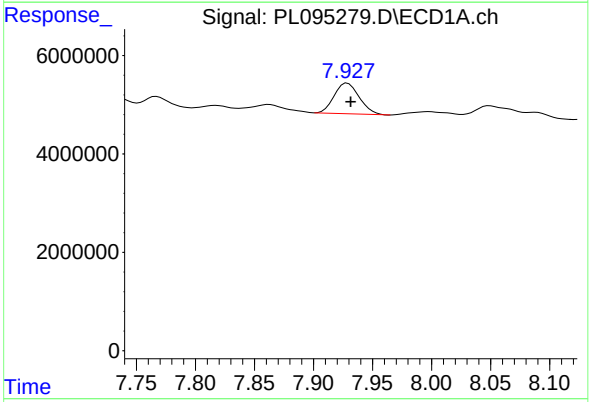
R.T.: 7.145 min
Delta R.T.: -0.001 min
Response: 12826584
Conc: 199.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167087BS



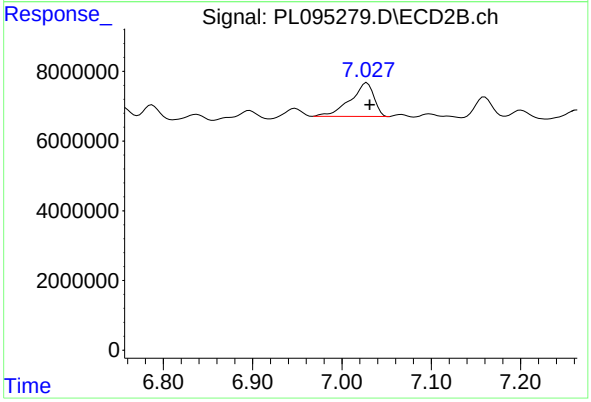
#5 Toxaphene-4

R.T.: 6.587 min
Delta R.T.: -0.002 min
Response: 17195547
Conc: 179.51 ng/ml



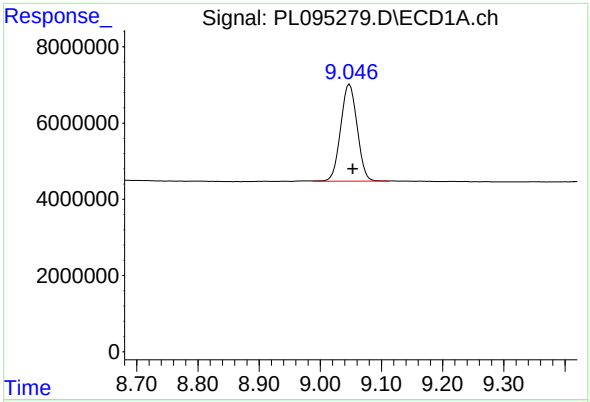
#6 Toxaphene-5

R.T.: 7.929 min
Delta R.T.: -0.003 min
Response: 9234505
Conc: 200.67 ng/ml



#6 Toxaphene-5

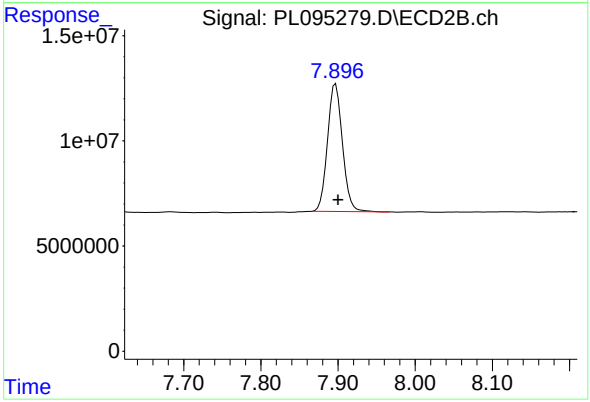
R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 17745164
Conc: 170.79 ng/ml



#7 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.005 min
Response: 47586962
Conc: 19.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167087BS



#7 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.003 min
Response: 81967970
Conc: 18.86 ng/ml

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

Manual Integration Report

Sequence:	PL031125	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL094567.D	4,4"-DDD	Abdul	3/12/2025 12:46:01 PM	Ankita	3/12/2025 2:34:07	Peak Integrated by Software
PEM	PL094567.D	4,4"-DDD #2	Abdul	3/12/2025 12:46:01 PM	Ankita	3/12/2025 2:34:07	Peak Integrated by Software
PEM	PL094567.D	Endrin aldehyde	Abdul	3/12/2025 12:46:01 PM	Ankita	3/12/2025 2:34:07	Peak Integrated by Software
PEM	PL094567.D	Endrin ketone	Abdul	3/12/2025 12:46:01 PM	Ankita	3/12/2025 2:34:07	Peak Integrated by Software
PEM	PL094567.D	Endrin ketone #2	Abdul	3/12/2025 12:46:01 PM	Ankita	3/12/2025 2:34:07	Peak Integrated by Software
RESCHK	PL094568.D	gamma-Chlordane #2	Abdul	3/12/2025 12:46:05 PM	Ankita	3/12/2025 2:34:09	Peak Integrated by Software
PTOXICC250	PL094582.D	Toxaphene-2	Abdul	3/12/2025 12:46:24 PM	Ankita	3/12/2025 2:34:17	Peak Integrated by Software
PTOXICC100	PL094583.D	Toxaphene-1	Abdul	3/12/2025 12:46:28 PM	Ankita	3/12/2025 2:34:19	Peak Integrated by Software
PEM	PL094588.D	4,4"-DDD	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PEM	PL094588.D	4,4"-DDE	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PEM	PL094588.D	4,4"-DDE #2	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PEM	PL094588.D	Endrin	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PEM	PL094588.D	Endrin aldehyde	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL031125	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL094588.D	Endrin ketone	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PEM	PL094588.D	gamma-BHC (Lindane)	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PEM	PL094588.D	Methoxychlor #2	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PSTDCCC050	PL094589.D	4,4"-DDE #2	Abdul	3/12/2025 12:46:36 PM	Ankita	3/12/2025 2:34:22	Peak Integrated by Software
PSTDCCC050	PL094589.D	Dieldrin #2	Abdul	3/12/2025 12:46:36 PM	Ankita	3/12/2025 2:34:22	Peak Integrated by Software
PSTDCCC050	PL094589.D	Endrin	Abdul	3/12/2025 12:46:36 PM	Ankita	3/12/2025 2:34:22	Peak Integrated by Software
PSTDCCC050	PL094589.D	Endrin #2	Abdul	3/12/2025 12:46:36 PM	Ankita	3/12/2025 2:34:22	Peak Integrated by Software
PSTDCCC050	PL094589.D	gamma-BHC (Lindane)	Abdul	3/12/2025 12:46:36 PM	Ankita	3/12/2025 2:34:22	Peak Integrated by Software
PSTDCCC050	PL094598.D	4,4"-DDE	Abdul	3/12/2025 12:47:00 PM	Ankita	3/12/2025 2:35:02	Peak Integrated by Software
PSTDCCC050	PL094598.D	Endrin	Abdul	3/12/2025 12:47:00 PM	Ankita	3/12/2025 2:35:02	Peak Integrated by Software
PSTDCCC050	PL094598.D	gamma-BHC (Lindane)	Abdul	3/12/2025 12:47:00 PM	Ankita	3/12/2025 2:35:02	Peak Integrated by Software
PSTDCCC050	PL094598.D	Heptachlor epoxide #2	Abdul	3/12/2025 12:47:00 PM	Ankita	3/12/2025 2:35:02	Peak Integrated by Software
PEM	PL094606.D	4,4"-DDD	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL031125	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL094606.D	4,4"-DDE	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PEM	PL094606.D	4,4"-DDE #2	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PEM	PL094606.D	Endrin	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PEM	PL094606.D	Endrin #2	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PEM	PL094606.D	Endrin aldehyde	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PEM	PL094606.D	Endrin ketone #2	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PSTDCCC050	PL094607.D	4,4"-DDE #2	Abdul	3/12/2025 12:47:24 PM	Ankita	3/12/2025 2:35:09	Peak Integrated by Software
PSTDCCC050	PL094607.D	Dieldrin #2	Abdul	3/12/2025 12:47:24 PM	Ankita	3/12/2025 2:35:09	Peak Integrated by Software
PSTDCCC050	PL094607.D	Endrin	Abdul	3/12/2025 12:47:24 PM	Ankita	3/12/2025 2:35:09	Peak Integrated by Software
PSTDCCC050	PL094607.D	gamma-BHC (Lindane)	Abdul	3/12/2025 12:47:24 PM	Ankita	3/12/2025 2:35:09	Peak Integrated by Software
PSTDCCC050	PL094618.D	4,4"-DDD	Abdul	3/12/2025 12:47:46 PM	Ankita	3/12/2025 2:35:26	Peak Integrated by Software
PSTDCCC050	PL094618.D	4,4"-DDE #2	Abdul	3/12/2025 12:47:46 PM	Ankita	3/12/2025 2:35:26	Peak Integrated by Software
PSTDCCC050	PL094618.D	Dieldrin #2	Abdul	3/12/2025 12:47:46 PM	Ankita	3/12/2025 2:35:26	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL031125	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL094618.D	Endosulfan I #2	Abdul	3/12/2025 12:47:46 PM	Ankita	3/12/2025 2:35:26	Peak Integrated by Software
PSTDCCC050	PL094618.D	Endrin	Abdul	3/12/2025 12:47:46 PM	Ankita	3/12/2025 2:35:26	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL031225	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL094621.D	4,4"-DDD	Abdul	3/28/2025 9:18:12 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PEM	PL094621.D	4,4"-DDE	Abdul	3/28/2025 9:18:12 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PEM	PL094621.D	4,4"-DDE #2	Abdul	3/28/2025 9:18:12 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PEM	PL094621.D	Endrin	Abdul	3/28/2025 9:18:12 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PEM	PL094621.D	Endrin aldehyde	Abdul	3/28/2025 9:18:12 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094622.D	4,4"-DDE	Abdul	3/13/2025 8:32:05 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094622.D	4,4"-DDE #2	Abdul	3/13/2025 8:32:05 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094622.D	Dieldrin	Abdul	3/13/2025 8:32:05 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094622.D	Endrin	Abdul	3/13/2025 8:32:05 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094629.D	4,4"-DDD	Abdul	3/13/2025 8:32:27 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094629.D	4,4"-DDE #2	Abdul	3/13/2025 8:32:27 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094629.D	Dieldrin #2	Abdul	3/13/2025 8:32:27 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094629.D	Endosulfan II	Abdul	3/13/2025 8:32:27 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL031225	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL094629.D	Endrin	Abdul	3/13/2025 8:32:27 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094629.D	gamma-BHC (Lindane)	Abdul	3/13/2025 8:32:27 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094629.D	gamma-BHC (Lindane) #2	Abdul	3/13/2025 8:32:27 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094629.D	gamma-Chlordane	Abdul	3/13/2025 8:32:27 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094629.D	Heptachlor epoxide	Abdul	3/13/2025 8:32:27 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PCHLORCCC500	PL094630.D	Chlordane-2	Abdul	3/13/2025 8:32:31 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PCHLORCCC500	PL094630.D	Chlordane-3	Abdul	3/13/2025 8:32:31 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PCHLORCCC500	PL094630.D	Chlordane-4	Abdul	3/13/2025 8:32:31 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094640.D	4,4"-DDE #2	Abdul	3/13/2025 8:32:54 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094640.D	Dieldrin #2	Abdul	3/13/2025 8:32:54 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094640.D	Endrin	Abdul	3/13/2025 8:32:54 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PCHLORCCC500	PL094641.D	Chlordane-2	Abdul	3/13/2025 8:32:58 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PCHLORCCC500	PL094641.D	Chlordane-5	Abdul	3/13/2025 8:32:58 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL031225	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PCHLORCCC500	PL094641.D	Chlordane-5 #2	Abdul	3/13/2025 8:32:58 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PTOXCCC500	PL094642.D	Toxaphene-2	Abdul	3/13/2025 8:33:04 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
I.BLK	PL094651.D	Tetrachloro-m-xylene	Abdul	3/13/2025 8:33:33 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PEM	PL094652.D	4,4"-DDE	Abdul	3/13/2025 8:33:37 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PEM	PL094652.D	4,4"-DDE #2	Abdul	3/13/2025 8:33:37 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PEM	PL094652.D	Endrin	Abdul	3/13/2025 8:33:37 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PEM	PL094652.D	Endrin ketone #2	Abdul	3/13/2025 8:33:37 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094653.D	4,4"-DDE #2	Abdul	3/13/2025 8:34:19 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094653.D	Dieldrin #2	Abdul	3/13/2025 8:34:19 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094653.D	Endrin	Abdul	3/13/2025 8:34:19 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
I.BLK	PL094663.D	Tetrachloro-m-xylene	Abdul	3/13/2025 8:33:58 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094664.D	4,4"-DDE #2	Abdul	3/13/2025 8:31:20 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094664.D	Dieldrin #2	Abdul	3/13/2025 8:31:20 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL031225	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL094664.D	Endosulfan I #2	Abdul	3/13/2025 8:31:20 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094664.D	Endrin	Abdul	3/13/2025 8:31:20 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software
PSTDCCC050	PL094664.D	Endrin ketone #2	Abdul	3/13/2025 8:31:20 AM	mohammad	3/28/2025 9:18:57	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL041425	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL095203.D	4,4"-DDD	Abdul	4/15/2025 7:50:36 AM	mohammad	4/16/2025 1:08:48	Peak Integrated by Software
PEM	PL095203.D	Methoxychlor #2	Abdul	4/15/2025 7:50:36 AM	mohammad	4/16/2025 1:08:48	Peak Integrated by Software
PTOXICC250	PL095218.D	Toxaphene-5 #2	Abdul	4/15/2025 7:50:52 AM	mohammad	4/16/2025 1:08:48	Peak Integrated by Software

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Sequence:	PL041725	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL095269.D	Endrin aldehyde	yogesh	4/18/2025 7:28:30 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095270.D	4,4"-DDE #2	yogesh	4/18/2025 7:28:32 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095270.D	Endrin	yogesh	4/18/2025 7:28:32 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095270.D	Endrin ketone #2	yogesh	4/18/2025 7:28:32 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095273.D	4,4"-DDE #2	yogesh	4/18/2025 7:28:36 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095273.D	Endrin	yogesh	4/18/2025 7:28:36 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095273.D	Endrin ketone #2	yogesh	4/18/2025 7:28:36 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PCHLORCCC500	PL095274.D	Chlordane-2	yogesh	4/18/2025 7:28:39 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PCHLORCCC500	PL095274.D	Chlordane-5	yogesh	4/18/2025 7:28:39 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095281.D	4,4"-DDE #2	yogesh	4/18/2025 7:28:43 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095281.D	Endrin	yogesh	4/18/2025 7:28:43 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095281.D	Endrin ketone #2	yogesh	4/18/2025 7:28:43 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PCHLORCCC500	PL095282.D	Chlordane-2	yogesh	4/18/2025 7:28:44 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software

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Sequence:	PL041725	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PCHLORCCC500	PL095282.D	Chlordane-5	yogesh	4/18/2025 7:28:44 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PTOXCCC500	PL095283.D	Toxaphene-2	yogesh	4/18/2025 7:28:46 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PEM	PL095294.D	4,4"-DDE	yogesh	4/18/2025 7:29:02 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PEM	PL095294.D	4,4"-DDE #2	yogesh	4/18/2025 7:29:02 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PEM	PL095294.D	Endrin	yogesh	4/18/2025 7:29:02 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PEM	PL095294.D	Endrin aldehyde	yogesh	4/18/2025 7:29:02 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095295.D	4,4"-DDE #2	yogesh	4/18/2025 7:29:04 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095295.D	Endosulfan I #2	yogesh	4/18/2025 7:29:04 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095295.D	Endrin	yogesh	4/18/2025 7:29:04 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095295.D	Endrin aldehyde	yogesh	4/18/2025 7:29:04 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095295.D	Endrin ketone #2	yogesh	4/18/2025 7:29:04 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095300.D	4,4"-DDE #2	yogesh	4/18/2025 7:29:12 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095300.D	Endrin	yogesh	4/18/2025 7:29:12 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software

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Sequence:	PL041725	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL095300.D	Endrin ketone #2	yogesh	4/18/2025 7:29:12 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software
PSTDCCC050	PL095300.D	Methoxychlor	yogesh	4/18/2025 7:29:12 AM	mohammad	4/18/2025 7:46:29	Peak Integrated by Software

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL031125

Review By	Abdul	Review On	3/12/2025 12:48:59 PM		
Supervise By	Ankita	Supervise On	3/12/2025 2:35:44 PM		
SubDirectory	PL031125	HP Acquire Method		HP Processing Method	pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL094565.D	11 Mar 2025 09:41	AR\AJ	Ok
2	I.BLK	PL094566.D	11 Mar 2025 09:55	AR\AJ	Ok
3	PEM	PL094567.D	11 Mar 2025 10:08	AR\AJ	Ok,M
4	RESCHK	PL094568.D	11 Mar 2025 10:22	AR\AJ	Ok,M
5	PSTDICC100	PL094569.D	11 Mar 2025 10:35	AR\AJ	Ok,M
6	PSTDICC075	PL094570.D	11 Mar 2025 10:49	AR\AJ	Ok,M
7	PSTDICC050	PL094571.D	11 Mar 2025 11:02	AR\AJ	Ok
8	PSTDICC025	PL094572.D	11 Mar 2025 11:16	AR\AJ	Ok
9	PSTDICC005	PL094573.D	11 Mar 2025 11:29	AR\AJ	Ok,M
10	PCHLORICC1000	PL094574.D	11 Mar 2025 11:43	AR\AJ	Ok
11	PCHLORICC750	PL094575.D	11 Mar 2025 11:57	AR\AJ	Ok
12	PCHLORICC500	PL094576.D	11 Mar 2025 12:10	AR\AJ	Ok
13	PCHLORICC250	PL094577.D	11 Mar 2025 12:24	AR\AJ	Ok
14	PCHLORICC050	PL094578.D	11 Mar 2025 12:37	AR\AJ	Ok,M
15	PTOXICC1000	PL094579.D	11 Mar 2025 12:51	AR\AJ	Ok
16	PTOXICC750	PL094580.D	11 Mar 2025 13:04	AR\AJ	Ok
17	PTOXICC500	PL094581.D	11 Mar 2025 13:18	AR\AJ	Ok
18	PTOXICC250	PL094582.D	11 Mar 2025 13:31	AR\AJ	Ok,M
19	PTOXICC100	PL094583.D	11 Mar 2025 13:45	AR\AJ	Ok,M
20	PSTDICV050	PL094584.D	11 Mar 2025 13:59	AR\AJ	Ok
21	PCHLORICV500	PL094585.D	11 Mar 2025 14:26	AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL031125

Review By	Abdul	Review On	3/12/2025 12:48:59 PM		
Supervise By	Ankita	Supervise On	3/12/2025 2:35:44 PM		
SubDirectory	PL031125	HP Acquire Method		HP Processing Method	pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PL094586.D	11 Mar 2025 14:53	AR\AJ	Ok
23	I.BLK	PL094587.D	11 Mar 2025 17:16	AR\AJ	Ok
24	PEM	PL094588.D	11 Mar 2025 17:30	AR\AJ	Ok,M
25	PSTDCCC050	PL094589.D	11 Mar 2025 17:43	AR\AJ	Ok,M
26	PB167076BL	PL094590.D	11 Mar 2025 17:57	AR\AJ	Ok
27	PB167076BS	PL094591.D	11 Mar 2025 18:11	AR\AJ	Ok,M
28	PB167076BSD	PL094592.D	11 Mar 2025 18:44	AR\AJ	Ok,M
29	Q1494-01	PL094593.D	11 Mar 2025 18:57	AR\AJ	Not Ok
30	Q1502-11	PL094594.D	11 Mar 2025 19:11	AR\AJ	Not Ok
31	Q1502-09	PL094595.D	11 Mar 2025 19:25	AR\AJ	Dilution
32	Q1502-13	PL094596.D	11 Mar 2025 19:39	AR\AJ	Not Ok
33	I.BLK	PL094597.D	11 Mar 2025 19:52	AR\AJ	Ok
34	PSTDCCC050	PL094598.D	11 Mar 2025 20:06	AR\AJ	Ok,M
35	Q1539-01	PL094599.D	11 Mar 2025 20:33	AR\AJ	Ok,M
36	Q1539-02	PL094600.D	11 Mar 2025 20:47	AR\AJ	Ok,M
37	PB167086BL	PL094601.D	11 Mar 2025 21:01	AR\AJ	Not Ok
38	PB167086BS	PL094602.D	11 Mar 2025 21:14	AR\AJ	Not Ok
39	PB167087BL	PL094603.D	11 Mar 2025 21:28	AR\AJ	Not Ok
40	PB167087BS	PL094604.D	11 Mar 2025 21:42	AR\AJ	Not Ok
41	I.BLK	PL094605.D	11 Mar 2025 21:55	AR\AJ	Ok
42	PEM	PL094606.D	11 Mar 2025 22:09	AR\AJ	Ok,M
43	PSTDCCC050	PL094607.D	11 Mar 2025 22:23	AR\AJ	Ok,M
44	PB167077BL	PL094608.D	11 Mar 2025 22:50	AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL031125

Review By	Abdul	Review On	3/12/2025 12:48:59 PM		
Supervise By	Ankita	Supervise On	3/12/2025 2:35:44 PM		
SubDirectory	PL031125	HP Acquire Method		HP Processing Method	pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	PB167077BS	PL094609.D	11 Mar 2025 23:04	AR\AJ	Not Ok
46	Q1534-01	PL094610.D	11 Mar 2025 23:17	AR\AJ	Ok,M
47	Q1534-07	PL094611.D	11 Mar 2025 23:31	AR\AJ	Ok,M
48	Q1534-07MS	PL094612.D	11 Mar 2025 23:44	AR\AJ	Ok,M
49	Q1534-07MSD	PL094613.D	11 Mar 2025 23:58	AR\AJ	Ok,M
50	Q1534-13	PL094614.D	12 Mar 2025 00:11	AR\AJ	Dilution
51	Q1534-19	PL094615.D	12 Mar 2025 00:25	AR\AJ	Dilution
52	Q1535-01	PL094616.D	12 Mar 2025 00:39	AR\AJ	Ok,M
53	I.BLK	PL094617.D	12 Mar 2025 00:53	AR\AJ	Ok
54	PSTDCCC050	PL094618.D	12 Mar 2025 01:06	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL031225

Review By	Abdul	Review On	3/13/2025 8:34:38 AM		
Supervise By	mohammad	Supervise On	3/28/2025 9:18:57 AM		
SubDirectory	PL031225	HP Acquire Method		HP Processing Method	pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL094619.D	12 Mar 2025 08:23	AR\AJ	Ok
2	I.BLK	PL094620.D	12 Mar 2025 08:37	AR\AJ	Ok
3	PEM	PL094621.D	12 Mar 2025 08:51	AR\AJ	Ok,M
4	PSTDCCC050	PL094622.D	12 Mar 2025 09:04	AR\AJ	Ok,M
5	Q1494-01	PL094623.D	12 Mar 2025 09:44	AR\AJ	Ok
6	PB167077BS	PL094624.D	12 Mar 2025 10:15	AR\AJ	Ok,M
7	Q1534-13DL	PL094625.D	12 Mar 2025 10:33	AR\AJ	Ok,M
8	Q1534-19DL	PL094626.D	12 Mar 2025 10:47	AR\AJ	Dilution
9	Q1534-19DL2	PL094627.D	12 Mar 2025 11:00	AR\AJ	Ok,M
10	I.BLK	PL094628.D	12 Mar 2025 11:14	AR\AJ	Ok
11	PSTDCCC050	PL094629.D	12 Mar 2025 11:37	AR\AJ	Ok,M
12	PCHLORCCC500	PL094630.D	12 Mar 2025 12:06	AR\AJ	Ok,M
13	PTOXCCC500	PL094631.D	12 Mar 2025 12:34	AR\AJ	Ok
14	PB167086BS	PL094632.D	12 Mar 2025 13:17	AR\AJ	Not Ok
15	PB167087BS	PL094633.D	12 Mar 2025 13:50	AR\AJ	Not Ok
16	Q1502-11	PL094634.D	12 Mar 2025 14:12	AR\AJ	Ok,M
17	Q1502-09DL	PL094635.D	12 Mar 2025 14:26	AR\AJ	Dilution
18	Q1502-09DL2	PL094636.D	12 Mar 2025 14:40	AR\AJ	Ok,M
19	Q1502-13	PL094637.D	12 Mar 2025 14:54	AR\AJ	Dilution
20	Q1502-13DL	PL094638.D	12 Mar 2025 15:07	AR\AJ	Ok
21	I.BLK	PL094639.D	12 Mar 2025 15:35	AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL031225

Review By	Abdul	Review On	3/13/2025 8:34:38 AM		
Supervise By	mohammad	Supervise On	3/28/2025 9:18:57 AM		
SubDirectory	PL031225	HP Acquire Method		HP Processing Method	pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PSTDCCC050	PL094640.D	12 Mar 2025 15:49	AR\AJ	Ok,M
23	PCHLORCCC500	PL094641.D	12 Mar 2025 16:02	AR\AJ	Ok,M
24	PTOXCCC500	PL094642.D	12 Mar 2025 16:54	AR\AJ	Ok,M
25	PB167091BL	PL094643.D	12 Mar 2025 17:20	AR\AJ	Not Ok
26	PB167091BS	PL094644.D	12 Mar 2025 17:34	AR\AJ	Not Ok
27	PB167020TB	PL094645.D	12 Mar 2025 17:48	AR\AJ	Not Ok
28	PB167049TB	PL094646.D	12 Mar 2025 18:01	AR\AJ	Not Ok
29	Q1488-02	PL094647.D	12 Mar 2025 18:15	AR\AJ	Ok
30	Q1488-02MS	PL094648.D	12 Mar 2025 18:29	AR\AJ	Ok,M
31	Q1488-02MSD	PL094649.D	12 Mar 2025 18:42	AR\AJ	Ok,M
32	Q1488-04	PL094650.D	12 Mar 2025 18:56	AR\AJ	Ok,M
33	I.BLK	PL094651.D	12 Mar 2025 19:10	AR\AJ	Ok,M
34	PEM	PL094652.D	12 Mar 2025 19:24	AR\AJ	Ok,M
35	PSTDCCC050	PL094653.D	12 Mar 2025 19:38	AR\AJ	Ok,M
36	Q1488-06	PL094654.D	12 Mar 2025 20:05	AR\AJ	Ok,M
37	Q1488-08	PL094655.D	12 Mar 2025 20:19	AR\AJ	Ok,M
38	Q1488-10	PL094656.D	12 Mar 2025 20:33	AR\AJ	Ok,M
39	Q1488-12	PL094657.D	12 Mar 2025 20:46	AR\AJ	Ok
40	Q1514-02	PL094658.D	12 Mar 2025 21:00	AR\AJ	Ok
41	Q1514-04	PL094659.D	12 Mar 2025 21:13	AR\AJ	Ok,M
42	Q1514-06	PL094660.D	12 Mar 2025 21:27	AR\AJ	Ok
43	Q1523-03	PL094661.D	12 Mar 2025 21:41	AR\AJ	Ok
44	Q1523-06	PL094662.D	12 Mar 2025 21:55	AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL031225

Review By	Abdul	Review On	3/13/2025 8:34:38 AM		
Supervise By	mohammad	Supervise On	3/28/2025 9:18:57 AM		
SubDirectory	PL031225	HP Acquire Method		HP Processing Method	pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	I.BLK	PL094663.D	12 Mar 2025 22:09	AR\AJ	Ok,M
46	PSTDCCC050	PL094664.D	12 Mar 2025 22:22	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL041425

Review By	Abdul	Review On	4/15/2025 7:51:14 AM		
Supervise By	mohammad	Supervise On	4/16/2025 1:08:48 AM		
SubDirectory	PL041425	HP Acquire Method		HP Processing Method	pl041425 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL095201.D	14 Apr 2025 14:12	AR\AJ	Ok
2	I.BLK	PL095202.D	14 Apr 2025 14:26	AR\AJ	Ok
3	PEM	PL095203.D	14 Apr 2025 14:40	AR\AJ	Ok,M
4	RESCHK	PL095204.D	14 Apr 2025 14:54	AR\AJ	Ok
5	PSTDICC100	PL095205.D	14 Apr 2025 15:07	AR\AJ	Ok,M
6	PSTDICC075	PL095206.D	14 Apr 2025 15:21	AR\AJ	Ok
7	PSTDICC050	PL095207.D	14 Apr 2025 15:35	AR\AJ	Ok
8	PSTDICC025	PL095208.D	14 Apr 2025 16:02	AR\AJ	Ok
9	PSTDICC005	PL095209.D	14 Apr 2025 16:15	AR\AJ	Ok,M
10	PCHLORICC1000	PL095210.D	14 Apr 2025 16:29	AR\AJ	Ok
11	PCHLORICC750	PL095211.D	14 Apr 2025 16:43	AR\AJ	Ok
12	PCHLORICC500	PL095212.D	14 Apr 2025 16:56	AR\AJ	Ok
13	PCHLORICC250	PL095213.D	14 Apr 2025 17:10	AR\AJ	Ok
14	PCHLORICC050	PL095214.D	14 Apr 2025 17:24	AR\AJ	Ok
15	PTOXICC1000	PL095215.D	14 Apr 2025 17:38	AR\AJ	Ok
16	PTOXICC750	PL095216.D	14 Apr 2025 17:51	AR\AJ	Ok
17	PTOXICC500	PL095217.D	14 Apr 2025 18:05	AR\AJ	Ok
18	PTOXICC250	PL095218.D	14 Apr 2025 18:19	AR\AJ	Ok,M
19	PTOXICC100	PL095219.D	14 Apr 2025 18:32	AR\AJ	Ok
20	PSTDICV050	PL095220.D	14 Apr 2025 18:46	AR\AJ	Ok
21	PCHLORICV500	PL095221.D	14 Apr 2025 19:00	AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL041425

Review By	Abdul	Review On	4/15/2025 7:51:14 AM		
Supervise By	mohammad	Supervise On	4/16/2025 1:08:48 AM		
SubDirectory	PL041425	HP Acquire Method		HP Processing Method	pl041425 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PL095222.D	14 Apr 2025 19:13	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL041725

Review By	yogesh	Review On	4/18/2025 7:29:31 AM		
Supervise By	mohammad	Supervise On	4/18/2025 7:46:29 AM		
SubDirectory	PL041725	HP Acquire Method		HP Processing Method	pl041425 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL095267.D	17 Apr 2025 09:04	AR\AJ	Ok
2	I.BLK	PL095268.D	17 Apr 2025 09:18	AR\AJ	Ok
3	PEM	PL095269.D	17 Apr 2025 09:32	AR\AJ	Ok,M
4	PSTDCCC050	PL095270.D	17 Apr 2025 09:46	AR\AJ	Ok,M
5	Q1803-01RE	PL095271.D	17 Apr 2025 09:59	AR\AJ	Confirms
6	I.BLK	PL095272.D	17 Apr 2025 10:24	AR\AJ	Ok
7	PSTDCCC050	PL095273.D	17 Apr 2025 10:38	AR\AJ	Ok,M
8	PCHLORCCC500	PL095274.D	17 Apr 2025 11:53	AR\AJ	Ok,M
9	PTOXCCC500	PL095275.D	17 Apr 2025 12:06	AR\AJ	Ok
10	PB167086BL	PL095276.D	17 Apr 2025 12:26	AR\AJ	Ok
11	PB167086BS	PL095277.D	17 Apr 2025 12:40	AR\AJ	Ok,M
12	PB167087BL	PL095278.D	17 Apr 2025 13:00	AR\AJ	Ok
13	PB167087BS	PL095279.D	17 Apr 2025 13:14	AR\AJ	Ok
14	I.BLK	PL095280.D	17 Apr 2025 13:46	AR\AJ	Ok
15	PSTDCCC050	PL095281.D	17 Apr 2025 14:15	AR\AJ	Ok,M
16	PCHLORCCC500	PL095282.D	17 Apr 2025 14:29	AR\AJ	Ok,M
17	PTOXCCC500	PL095283.D	17 Apr 2025 14:52	AR\AJ	Ok,M
18	PB167633BL	PL095284.D	17 Apr 2025 15:24	AR\AJ	Ok
19	PB167633BS	PL095285.D	17 Apr 2025 15:38	AR\AJ	Ok,M
20	Q1818-03	PL095286.D	17 Apr 2025 15:56	AR\AJ	Ok,M
21	Q1825-01	PL095287.D	17 Apr 2025 16:10	AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL041725

Review By	yogesh	Review On	4/18/2025 7:29:31 AM		
Supervise By	mohammad	Supervise On	4/18/2025 7:46:29 AM		
SubDirectory	PL041725	HP Acquire Method		HP Processing Method	pl041425 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1825-04	PL095288.D	17 Apr 2025 16:24	AR\AJ	Ok,M
23	Q1825-07	PL095289.D	17 Apr 2025 16:51	AR\AJ	Ok,M
24	Q1826-01	PL095290.D	17 Apr 2025 17:05	AR\AJ	Ok,M
25	Q1826-03	PL095291.D	17 Apr 2025 17:19	AR\AJ	Ok,M
26	Q1826-05	PL095292.D	17 Apr 2025 17:33	AR\AJ	Ok,M
27	I.BLK	PL095293.D	17 Apr 2025 17:46	AR\AJ	Ok
28	PEM	PL095294.D	17 Apr 2025 18:00	AR\AJ	Ok,M
29	PSTDCCC050	PL095295.D	17 Apr 2025 18:14	AR\AJ	Ok,M
30	Q1821-01	PL095296.D	17 Apr 2025 18:41	AR\AJ	Ok,M
31	Q1821-01MS	PL095297.D	17 Apr 2025 18:55	AR\AJ	Ok,M
32	Q1821-01MSD	PL095298.D	17 Apr 2025 19:09	AR\AJ	Ok,M
33	I.BLK	PL095299.D	17 Apr 2025 19:22	AR\AJ	Ok
34	PSTDCCC050	PL095300.D	17 Apr 2025 19:36	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL031125

Review By	Abdul	Review On	3/12/2025 12:48:59 PM		
Supervise By	Ankita	Supervise On	3/12/2025 2:35:44 PM		
SubDirectory	PL031125	HP Acquire Method		HP Processing Method	pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL094565.D	11 Mar 2025 09:41		AR\AJ	Ok
2	I.BLK	I.BLK	PL094566.D	11 Mar 2025 09:55		AR\AJ	Ok
3	PEM	PEM	PL094567.D	11 Mar 2025 10:08		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL094568.D	11 Mar 2025 10:22		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PL094569.D	11 Mar 2025 10:35		AR\AJ	Ok,M
6	PSTDICC075	PSTDICC075	PL094570.D	11 Mar 2025 10:49		AR\AJ	Ok,M
7	PSTDICC050	PSTDICC050	PL094571.D	11 Mar 2025 11:02		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL094572.D	11 Mar 2025 11:16		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PL094573.D	11 Mar 2025 11:29		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL094574.D	11 Mar 2025 11:43		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL094575.D	11 Mar 2025 11:57		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL094576.D	11 Mar 2025 12:10		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL094577.D	11 Mar 2025 12:24		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL094578.D	11 Mar 2025 12:37		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PL094579.D	11 Mar 2025 12:51		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL094580.D	11 Mar 2025 13:04		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL094581.D	11 Mar 2025 13:18		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL094582.D	11 Mar 2025 13:31		AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL031125

Review By	Abdul	Review On	3/12/2025 12:48:59 PM		
Supervise By	Ankita	Supervise On	3/12/2025 2:35:44 PM		
SubDirectory	PL031125	HP Acquire Method		HP Processing Method	pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PL094583.D	11 Mar 2025 13:45		AR\AJ	Ok,M
20	PSTDICV050	ICVPL031125	PL094584.D	11 Mar 2025 13:59		AR\AJ	Ok
21	PCHLORICV500	ICVPL031125CHLOR	PL094585.D	11 Mar 2025 14:26		AR\AJ	Ok
22	PTOXICV500	ICVPL031125TOX	PL094586.D	11 Mar 2025 14:53		AR\AJ	Ok
23	I.BLK	I.BLK	PL094587.D	11 Mar 2025 17:16		AR\AJ	Ok
24	PEM	PEM	PL094588.D	11 Mar 2025 17:30		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL094589.D	11 Mar 2025 17:43		AR\AJ	Ok,M
26	PB167076BL	PB167076BL	PL094590.D	11 Mar 2025 17:57		AR\AJ	Ok
27	PB167076BS	PB167076BS	PL094591.D	11 Mar 2025 18:11		AR\AJ	Ok,M
28	PB167076BSD	PB167076BSD	PL094592.D	11 Mar 2025 18:44		AR\AJ	Ok,M
29	Q1494-01	PURGE-WATER	PL094593.D	11 Mar 2025 18:57	F Flag in TCMX for both column	AR\AJ	Not Ok
30	Q1502-11	PT-CHLR-WP	PL094594.D	11 Mar 2025 19:11	Chlordane CCAL missing , TCMX high in 2nd column	AR\AJ	Not Ok
31	Q1502-09	PT-PEST-WP	PL094595.D	11 Mar 2025 19:25	TCMX high in 1st column , Need dilution	AR\AJ	Dilution
32	Q1502-13	PT-TXP-WP	PL094596.D	11 Mar 2025 19:39	TOX CCAL missing , need dilution	AR\AJ	Not Ok
33	I.BLK	I.BLK	PL094597.D	11 Mar 2025 19:52		AR\AJ	Ok
34	PSTDCCC050	PSTDCCC050	PL094598.D	11 Mar 2025 20:06		AR\AJ	Ok,M
35	Q1539-01	TAPIAL3-MW03D-0310	PL094599.D	11 Mar 2025 20:33		AR\AJ	Ok,M
36	Q1539-02	TAPFTA-MW01I-03102	PL094600.D	11 Mar 2025 20:47		AR\AJ	Ok,M

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Daily Analysis Runlog For Sequence/QCBatch ID # PL031125

Review By	Abdul	Review On	3/12/2025 12:48:59 PM		
Supervise By	Ankita	Supervise On	3/12/2025 2:35:44 PM		
SubDirectory	PL031125	HP Acquire Method		HP Processing Method	pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	PB167086BL	PB167086BL	PL094601.D	11 Mar 2025 21:01	Chlordane CCAL missing	AR\AJ	Not Ok
38	PB167086BS	PB167086BS	PL094602.D	11 Mar 2025 21:14	Chlordane CCAL missing	AR\AJ	Not Ok
39	PB167087BL	PB167087BL	PL094603.D	11 Mar 2025 21:28	TOX CCAL missing	AR\AJ	Not Ok
40	PB167087BS	PB167087BS	PL094604.D	11 Mar 2025 21:42	TOX CCAL missing	AR\AJ	Not Ok
41	I.BLK	I.BLK	PL094605.D	11 Mar 2025 21:55		AR\AJ	Ok
42	PEM	PEM	PL094606.D	11 Mar 2025 22:09		AR\AJ	Ok,M
43	PSTDCCC050	PSTDCCC050	PL094607.D	11 Mar 2025 22:23		AR\AJ	Ok,M
44	PB167077BL	PB167077BL	PL094608.D	11 Mar 2025 22:50		AR\AJ	Ok
45	PB167077BS	PB167077BS	PL094609.D	11 Mar 2025 23:04	Comp#2 recovery fail	AR\AJ	Not Ok
46	Q1534-01	OR-636-COMP-16	PL094610.D	11 Mar 2025 23:17		AR\AJ	Ok,M
47	Q1534-07	OR-636-COMP-17	PL094611.D	11 Mar 2025 23:31		AR\AJ	Ok,M
48	Q1534-07MS	OR-636-COMP-17MS	PL094612.D	11 Mar 2025 23:44		AR\AJ	Ok,M
49	Q1534-07MSD	OR-636-COMP-17MSD	PL094613.D	11 Mar 2025 23:58		AR\AJ	Ok,M
50	Q1534-13	OR-636-COMP-18	PL094614.D	12 Mar 2025 00:11	need dilution	AR\AJ	Dilution
51	Q1534-19	OR-636-COMP-19	PL094615.D	12 Mar 2025 00:25	need dilution	AR\AJ	Dilution
52	Q1535-01	SU-03-03102025	PL094616.D	12 Mar 2025 00:39		AR\AJ	Ok,M
53	I.BLK	I.BLK	PL094617.D	12 Mar 2025 00:53		AR\AJ	Ok
54	PSTDCCC050	PSTDCCC050	PL094618.D	12 Mar 2025 01:06		AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL031225

Review By	Abdul	Review On	3/13/2025 8:34:38 AM		
Supervise By	mohammad	Supervise On	3/28/2025 9:18:57 AM		
SubDirectory	PL031225	HP Acquire Method		HP Processing Method	pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL094619.D	12 Mar 2025 08:23		AR\AJ	Ok
2	I.BLK	I.BLK	PL094620.D	12 Mar 2025 08:37		AR\AJ	Ok
3	PEM	PEM	PL094621.D	12 Mar 2025 08:51		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL094622.D	12 Mar 2025 09:04		AR\AJ	Ok,M
5	Q1494-01	PURGE-WATER	PL094623.D	12 Mar 2025 09:44		AR\AJ	Ok
6	PB167077BS	PB167077BS	PL094624.D	12 Mar 2025 10:15		AR\AJ	Ok,M
7	Q1534-13DL	OR-636-COMP-18DL	PL094625.D	12 Mar 2025 10:33		AR\AJ	Ok,M
8	Q1534-19DL	OR-636-COMP-19DL	PL094626.D	12 Mar 2025 10:47	need dilution	AR\AJ	Dilution
9	Q1534-19DL2	OR-636-COMP-19DL2	PL094627.D	12 Mar 2025 11:00		AR\AJ	Ok,M
10	I.BLK	I.BLK	PL094628.D	12 Mar 2025 11:14		AR\AJ	Ok
11	PSTDCCC050	PSTDCCC050	PL094629.D	12 Mar 2025 11:37		AR\AJ	Ok,M
12	PCHLORCCC500	PCHLORCCC500	PL094630.D	12 Mar 2025 12:06		AR\AJ	Ok,M
13	PTOXCCC500	PTOXCCC500	PL094631.D	12 Mar 2025 12:34		AR\AJ	Ok
14	PB167086BS	PB167086BS	PL094632.D	12 Mar 2025 13:17	not needed	AR\AJ	Not Ok
15	PB167087BS	PB167087BS	PL094633.D	12 Mar 2025 13:50	not needed	AR\AJ	Not Ok
16	Q1502-11	PT-CHLR-WP	PL094634.D	12 Mar 2025 14:12	TCMX high in 2nd column	AR\AJ	Ok,M
17	Q1502-09DL	PT-PEST-WPDL	PL094635.D	12 Mar 2025 14:26	TCMX high in 1st column , Need dilution	AR\AJ	Dilution

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL031225

Review By	Abdul	Review On	3/13/2025 8:34:38 AM		
Supervise By	mohammad	Supervise On	3/28/2025 9:18:57 AM		
SubDirectory	PL031225	HP Acquire Method		HP Processing Method	pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1502-09DL2	PT-PEST-WPDL2	PL094636.D	12 Mar 2025 14:40	DCB and TCMX high in 1st column	AR\AJ	Ok,M
19	Q1502-13	PT-TXP-WP	PL094637.D	12 Mar 2025 14:54	need dilution	AR\AJ	Dilution
20	Q1502-13DL	PT-TXP-WPDL	PL094638.D	12 Mar 2025 15:07		AR\AJ	Ok
21	I.BLK	I.BLK	PL094639.D	12 Mar 2025 15:35		AR\AJ	Ok
22	PSTDCCC050	PSTDCCC050	PL094640.D	12 Mar 2025 15:49		AR\AJ	Ok,M
23	PCHLORCCC500	PCHLORCCC500	PL094641.D	12 Mar 2025 16:02		AR\AJ	Ok,M
24	PTOXCCC500	PTOXCCC500	PL094642.D	12 Mar 2025 16:54		AR\AJ	Ok,M
25	PB167091BL	PB167091BL	PL094643.D	12 Mar 2025 17:20	DCB high in 1st column	AR\AJ	Not Ok
26	PB167091BS	PB167091BS	PL094644.D	12 Mar 2025 17:34	DCB high in both column , TCMX high in 1st column , Comp#20 recovery fail	AR\AJ	Not Ok
27	PB167020TB	PB167020TB	PL094645.D	12 Mar 2025 17:48	DCB high in 1st column	AR\AJ	Not Ok
28	PB167049TB	PB167049TB	PL094646.D	12 Mar 2025 18:01	DCB high in 1st column	AR\AJ	Not Ok
29	Q1488-02	ENV-101-SB01	PL094647.D	12 Mar 2025 18:15		AR\AJ	Ok
30	Q1488-02MS	ENV-101-SB01MS	PL094648.D	12 Mar 2025 18:29		AR\AJ	Ok,M
31	Q1488-02MSD	ENV-101-SB01MSD	PL094649.D	12 Mar 2025 18:42		AR\AJ	Ok,M
32	Q1488-04	ENV-101-SB02	PL094650.D	12 Mar 2025 18:56		AR\AJ	Ok,M
33	I.BLK	I.BLK	PL094651.D	12 Mar 2025 19:10		AR\AJ	Ok,M
34	PEM	PEM	PL094652.D	12 Mar 2025 19:24		AR\AJ	Ok,M
35	PSTDCCC050	PSTDCCC050	PL094653.D	12 Mar 2025 19:38	Comp#16 high in 2nd column	AR\AJ	Ok,M

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Daily Analysis Runlog For Sequence/QCBatch ID # PL031225

Review By	Abdul	Review On	3/13/2025 8:34:38 AM		
Supervise By	mohammad	Supervise On	3/28/2025 9:18:57 AM		
SubDirectory	PL031225	HP Acquire Method		HP Processing Method	pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

36	Q1488-06	ENV-102-SB01	PL094654.D	12 Mar 2025 20:05	DCB high in 1st column	AR\AJ	Ok,M
37	Q1488-08	ENV-102-SB02	PL094655.D	12 Mar 2025 20:19		AR\AJ	Ok,M
38	Q1488-10	ENV-104-SB01	PL094656.D	12 Mar 2025 20:33		AR\AJ	Ok,M
39	Q1488-12	ENV-104-SB02	PL094657.D	12 Mar 2025 20:46		AR\AJ	Ok
40	Q1514-02	ENV-105-SB01	PL094658.D	12 Mar 2025 21:00		AR\AJ	Ok
41	Q1514-04	ENV-105-SB02	PL094659.D	12 Mar 2025 21:13		AR\AJ	Ok,M
42	Q1514-06	ENV-103-SB01	PL094660.D	12 Mar 2025 21:27		AR\AJ	Ok
43	Q1523-03	WC-A1-01-C	PL094661.D	12 Mar 2025 21:41		AR\AJ	Ok
44	Q1523-06	WC-A1-02-C	PL094662.D	12 Mar 2025 21:55		AR\AJ	Ok
45	I.BLK	I.BLK	PL094663.D	12 Mar 2025 22:09	DCB high in 1st column	AR\AJ	Ok,M
46	PSTDCCC050	PSTDCCC050	PL094664.D	12 Mar 2025 22:22	Comp#16 high in both column	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL041425

Review By	Abdul	Review On	4/15/2025 7:51:14 AM		
Supervise By	mohammad	Supervise On	4/16/2025 1:08:48 AM		
SubDirectory	PL041425	HP Acquire Method		HP Processing Method	pl041425 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL095201.D	14 Apr 2025 14:12		AR\AJ	Ok
2	I.BLK	I.BLK	PL095202.D	14 Apr 2025 14:26		AR\AJ	Ok
3	PEM	PEM	PL095203.D	14 Apr 2025 14:40		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL095204.D	14 Apr 2025 14:54		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL095205.D	14 Apr 2025 15:07		AR\AJ	Ok,M
6	PSTDICC075	PSTDICC075	PL095206.D	14 Apr 2025 15:21		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL095207.D	14 Apr 2025 15:35		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL095208.D	14 Apr 2025 16:02		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PL095209.D	14 Apr 2025 16:15		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL095210.D	14 Apr 2025 16:29		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL095211.D	14 Apr 2025 16:43		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL095212.D	14 Apr 2025 16:56		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL095213.D	14 Apr 2025 17:10		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL095214.D	14 Apr 2025 17:24		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL095215.D	14 Apr 2025 17:38		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL095216.D	14 Apr 2025 17:51		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL095217.D	14 Apr 2025 18:05		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL095218.D	14 Apr 2025 18:19		AR\AJ	Ok,M

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Daily Analysis Runlog For Sequence/QCBatch ID # PL041425

Review By	Abdul	Review On	4/15/2025 7:51:14 AM		
Supervise By	mohammad	Supervise On	4/16/2025 1:08:48 AM		
SubDirectory	PL041425	HP Acquire Method		HP Processing Method	pl041425 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PL095219.D	14 Apr 2025 18:32		AR\AJ	Ok
20	PSTDICV050	ICVPL041425	PL095220.D	14 Apr 2025 18:46		AR\AJ	Ok
21	PCHLORICV500	ICVPL041425CHLOR	PL095221.D	14 Apr 2025 19:00		AR\AJ	Ok
22	PTOXICV500	ICVPL041425TOX	PL095222.D	14 Apr 2025 19:13		AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL041725

Review By	yogesh	Review On	4/18/2025 7:29:31 AM		
Supervise By	mohammad	Supervise On	4/18/2025 7:46:29 AM		
SubDirectory	PL041725	HP Acquire Method		HP Processing Method	pl041425 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL095267.D	17 Apr 2025 09:04		AR\AJ	Ok
2	I.BLK	I.BLK	PL095268.D	17 Apr 2025 09:18		AR\AJ	Ok
3	PEM	PEM	PL095269.D	17 Apr 2025 09:32		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL095270.D	17 Apr 2025 09:46		AR\AJ	Ok,M
5	Q1803-01RE	WEST-BAYRE	PL095271.D	17 Apr 2025 09:59	TCMX low in both column	AR\AJ	Confirms
6	I.BLK	I.BLK	PL095272.D	17 Apr 2025 10:24		AR\AJ	Ok
7	PSTDCCC050	PSTDCCC050	PL095273.D	17 Apr 2025 10:38		AR\AJ	Ok,M
8	PCHLORCCC500	PCHLORCCC500	PL095274.D	17 Apr 2025 11:53		AR\AJ	Ok,M
9	PTOXCCC500	PTOXCCC500	PL095275.D	17 Apr 2025 12:06		AR\AJ	Ok
10	PB167086BL	PB167086BL	PL095276.D	17 Apr 2025 12:26	Chlordane	AR\AJ	Ok
11	PB167086BS	PB167086BS	PL095277.D	17 Apr 2025 12:40	Chlordane	AR\AJ	Ok,M
12	PB167087BL	PB167087BL	PL095278.D	17 Apr 2025 13:00	Toxaphene	AR\AJ	Ok
13	PB167087BS	PB167087BS	PL095279.D	17 Apr 2025 13:14	Toxaphene	AR\AJ	Ok
14	I.BLK	I.BLK	PL095280.D	17 Apr 2025 13:46		AR\AJ	Ok
15	PSTDCCC050	PSTDCCC050	PL095281.D	17 Apr 2025 14:15		AR\AJ	Ok,M
16	PCHLORCCC500	PCHLORCCC500	PL095282.D	17 Apr 2025 14:29		AR\AJ	Ok,M
17	PTOXCCC500	PTOXCCC500	PL095283.D	17 Apr 2025 14:52		AR\AJ	Ok,M
18	PB167633BL	PB167633BL	PL095284.D	17 Apr 2025 15:24		AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL041725

Review By	yogesh	Review On	4/18/2025 7:29:31 AM		
Supervise By	mohammad	Supervise On	4/18/2025 7:46:29 AM		
SubDirectory	PL041725	HP Acquire Method		HP Processing Method	pl041425 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PB167633BS	PB167633BS	PL095285.D	17 Apr 2025 15:38		AR\AJ	Ok,M
20	Q1818-03	RT-3873	PL095286.D	17 Apr 2025 15:56		AR\AJ	Ok,M
21	Q1825-01	TP-9	PL095287.D	17 Apr 2025 16:10		AR\AJ	Ok,M
22	Q1825-04	TP-10	PL095288.D	17 Apr 2025 16:24		AR\AJ	Ok,M
23	Q1825-07	TP-11	PL095289.D	17 Apr 2025 16:51	DCB high in 2nd column	AR\AJ	Ok,M
24	Q1826-01	SOIL-PILE	PL095290.D	17 Apr 2025 17:05		AR\AJ	Ok,M
25	Q1826-03	CONCRETE-PILE	PL095291.D	17 Apr 2025 17:19		AR\AJ	Ok,M
26	Q1826-05	CONCRETE-FLOOR	PL095292.D	17 Apr 2025 17:33		AR\AJ	Ok,M
27	I.BLK	I.BLK	PL095293.D	17 Apr 2025 17:46		AR\AJ	Ok
28	PEM	PEM	PL095294.D	17 Apr 2025 18:00		AR\AJ	Ok,M
29	PSTDCCC050	PSTDCCC050	PL095295.D	17 Apr 2025 18:14		AR\AJ	Ok,M
30	Q1821-01	SOIL-CUTTING	PL095296.D	17 Apr 2025 18:41		AR\AJ	Ok,M
31	Q1821-01MS	SOIL-CUTTINGMS	PL095297.D	17 Apr 2025 18:55		AR\AJ	Ok,M
32	Q1821-01MSD	SOIL-CUTTINGMSD	PL095298.D	17 Apr 2025 19:09		AR\AJ	Ok,M
33	I.BLK	I.BLK	PL095299.D	17 Apr 2025 19:22		AR\AJ	Ok
34	PSTDCCC050	PSTDCCC050	PL095300.D	17 Apr 2025 19:36		AR\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167087

SOP ID:	M3510C,3580A-Extraction Pesticide-16				
Clean Up SOP #:	Florisil			**Extraction Start Date :**	03/11/2025
Matrix :	Water			**Extraction Start Time :**	08:46
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	03/11/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:30
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	2.0ML	1000 PPB	PP24080
Surrogate	1.0ML	200 PPB	PP24123
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	E3878
Baked Na2SO4	N/A	EP2593
Hexane	N/A	E3877
Florisil	N/A	E3806
9:1 Hexane:Acetone Mixture	N/A	EP2545
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:

40 ML Vial lot# 03-40 BTS721.

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/11/25	RS (Bldg Lab)	R. Patel/Rec'd/Lab
13:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167087

Analytical Method: M3510C,3580A-Extraction Pesticide-16 **Concentration Date:** 03/11/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167087BL	PBLK087	PESTICIDE Group3	1000	6	RUPESH	ritesh	10			SEP-11
PB167087BS	PLCS087	PESTICIDE Group3	1000	6	RUPESH	ritesh	10			12
Q1502-13	PT-TXP-WP	PESTICIDE Group3	1000	6	RUPESH	ritesh	10			13

RS
3/11

* **Extracts relinguished on the same date as received.**

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1494P **WorkList ID :** 188187 **Department :** Extraction **Date :** 03-11-2025 08:32:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1494-01	PURGE-WATER	Water	Pesticide-TCL	Cool 4 deg C	PSEG03	I31	03/05/2025	8081B
Q1502-09	PT-PEST-WP	Water	PESTICIDE Group1	Cool 4 deg C	ALLI03	QA Of	03/03/2025	8081B
Q1502-11	PT-CHLR-WP	Water	PESTICIDE Group2	Cool 4 deg C	ALLI03	QA Of	03/03/2025	8081B
Q1502-13	PT-TXP-WP	Water	PESTICIDE Group3	Cool 4 deg C	ALLI03	QA Of	03/03/2025	8081B

Date/Time 3/11/25 8:35
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by:

Date/Time 3/11/25 9:00
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext-Lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q1502

Test : PESTICIDE Group3

Prepbatch ID : PB167087,

Sequence ID/Qc Batch ID: PL031225,pl041725,

Standard ID :
EP2545,EP2593,PP23733,PP23793,PP24080,PP24095,PP24123,PP24255,PP24256,PP24257,PP242583,PP24259,P
P24260,PP24261,PP24262,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,P
P24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284,PP24329,PP24433,

Chemical ID :
E3551,E3805,E3806,E3815,E3843,E3846,E3847,E3877,E3878,E3914,P12603,P 12611,P13037,P13040,P13195,P1324
5,P13350,P13353,P13356,P13404,P13405,P13785,P13861,P9052,W3177,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1215	FLOROSIL CLEAN UP-WASHING SOLN	EP2545	10/07/2024	03/30/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 10/07/2024

FROM 100.00000ml of E3815 + 900.00000ml of E3805 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2593	03/07/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 03/07/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP23733	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P13350 + 9.00000ml of E3805 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
518	Pest/PCB I.BLK 20 PPB	PP23793	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 99.90000ml of E3805 + 0.10000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3878	1000 PPB TOXAPHENE SPIKE (RESTEK)	PP24080	12/16/2024	06/05/2025	Abdul Mirza	None	None	Ankita Jodhani 12/17/2024

FROM 0.10000ml of P13404 + 99.90000ml of E3843 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4027	Pesticide resolution Check Mixture 8081	PP24095	12/23/2024	06/16/2025	Abdul Mirza	None	None	Ankita Jodhani 12/30/2024

FROM 1.00000ml of P13245 + 99.00000ml of E3847 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP24123	01/20/2025	06/26/2025	Abdul Mirza	None	None	Ankita Jodhani 01/20/2025

FROM 1.00000ml of P13353 + 999.00000ml of E3846 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24255	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 1.00000ml of P13785 + 9.00000ml of E3877 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3629	20 PPM PEST stock Solution 1st source(RESTEK)	PP24256	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 1.00000ml of P13040 + 9.00000ml of E3877 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1472	20 PPM Pest Stock Solution 2nd Source	PP24257	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 1.00000ml of P13037 + 9.00000ml of E3877 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3663	20 PPM MIREX Stock STD (Secondary source)	PP24259	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.20000ml of P13195 + 9.80000ml of E3877 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3630	100/100 PPB PEST Working std.1st Source(RESTEK)	PP24260	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 98.50000ml of E3877 + 0.50000ml of PP24255 + 0.50000ml of PP24256 + 0.50000ml of PP24258 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
80	100/100 PPB Pesticide Working Solution 2nd Source	PP24261	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 98.50000ml of E3877 + 0.50000ml of PP24255 + 0.50000ml of PP24257 + 0.50000ml of PP24259 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
386	1000/100 PPB Chlordane STD (Restek)	PP24262	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.10000ml of P12603 + 99.40000ml of E3877 + 0.50000ml of PP24255 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3746	1000/100 ppb Chlordane STD-RESTEK 2ND SOURCE	PP24266	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.10000ml of P12611 + 99.40000ml of E3877 + 0.50000ml of PP24255 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
383	1000/100 PPB Toxaphene STD (Restek)	PP24267	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.10000ml of P13405 + 99.40000ml of E3877 + 0.50000ml of PP24255 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3669	1000/100 PPB TOXAPHENE STD 2nd source (RESTEK)	PP24268	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.10000ml of P13861 + 99.40000ml of E3877 + 0.50000ml of PP24255 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3631	75 PPB ICAL PEST STD(RESTEK)	PP24269	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.75000ml of E3877 + 0.25000ml of PP24260 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3632	50 PPB ICAL PEST STD(RESTEK)	PP24270	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.50000ml of E3877 + 0.50000ml of PP24260 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3633	25 PPB ICAL PEST STD(RESTEK)	PP24271	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.75000ml of E3877 + 0.25000ml of PP24260 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3634	5 PPB ICAL PEST STD(RESTEK)	PP24272	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.90000ml of E3877 + 0.10000ml of PP24270 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3988	50 PPB PEST ICV STD(RESTEK)	PP24273	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.50000ml of E3877 + 0.50000ml of PP24261 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
528	CHLOR 750 PPB STD	PP24274	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.25000ml of E3877 + 0.75000ml of PP24262 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
529	CHLOR 500 PPB STD	PP24275	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.50000ml of E3877 + 0.50000ml of PP24262 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
530	CHLOR 250 PPB STD	PP24277	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.75000ml of E3877 + 0.25000ml of PP24262 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3408	CHLOR 50 PPB STD	PP24278	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.90000ml of E3877 + 0.10000ml of PP24275 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
532	CHLOR 500 PPB ICV STD	PP24279	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.50000ml of E3877 + 0.50000ml of PP24266 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
533	TOX 750 PPB STD	PP24280	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.25000ml of E3877 + 0.75000ml of PP24267 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
534	TOX 500 PPB STD	PP24281	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.50000ml of E3877 + 0.50000ml of PP24267 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
535	TOX 250 PPB STD	PP24282	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.75000ml of E3877 + 0.25000ml of PP24267 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2217	TOX 100 PPB STD	PP24283	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.90000ml of E3877 + 0.10000ml of PP24267 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3670	TOX 500 PPB ICV std (RESTEK)	PP24284	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani 03/12/2025

FROM 0.50000ml of E3877 + 0.50000ml of PP24268 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
518	Pest/PCB I.BLK 20 PPB	PP24433	03/31/2025	08/22/2025	Abdul Mirza	None	None	Yogesh Patel 04/02/2025

FROM 99.90000ml of E3914 + 0.10000ml of PP24329 = Final Quantity: 100.000 ml

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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	313201	07/01/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

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)	24C1862008	03/30/2025	09/30/2024 / Rajesh	09/25/2024 / Rajesh	E3805

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agela Technologies Inc.	FS0006 / Cleanert Florisil cartridge	M06518	09/25/2025	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3806

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	04/04/2025	10/04/2024 / Rajesh	10/04/2024 / Rajesh	E3815

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	06/05/2025	12/05/2024 / Rajesh	12/05/2024 / Rajesh	E3843

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	06/26/2025	12/26/2024 / Rajesh	12/13/2024 / Rajesh	E3846

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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)	24G1962003	06/16/2025	12/16/2024 / Rajesh	12/13/2024 / Rajesh	E3847

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	08/12/2025	02/12/2025 / Rajesh	02/12/2025 / Rajesh	E3877

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	08/14/2025	02/14/2025 / Rajesh	12/27/2024 / Rajesh	E3878

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 #
Restek	32021 / Chlordane Std.	A0197993	09/11/2025	03/10/2025 / Abdul	07/03/2023 / Abdul	P12603

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0193299	09/09/2025	03/10/2025 / Abdul	07/03/2023 / Abdul	P12611

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

CHEMICAL RECEIPT LOG BOOK

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	09/10/2025	03/10/2025 / Abdul	12/26/2023 / Abdul	P13037

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	09/10/2025	03/10/2025 / Abdul	12/26/2023 / Abdul	P13040

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	09/10/2025	03/10/2025 / Abdul	01/17/2024 / Abdul	P13195

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	06/23/2025	12/23/2024 / Abdul	02/09/2024 / Abdul	P13245

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	04/03/2025	10/03/2024 / Ankita	04/22/2024 / Abdul	P13350

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	07/20/2025	01/20/2025 / Abdul	04/22/2024 / Abdul	P13353

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

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	A0206810	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0203038	06/16/2025	12/16/2024 / Abdul	05/15/2024 / Abdul	P13404

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0203038	09/09/2025	03/10/2025 / Abdul	05/15/2024 / Abdul	P13405

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	09/10/2025	03/10/2025 / Abdul	11/19/2024 / Ankita	P13785

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0210240	09/10/2025	03/10/2025 / Abdul	12/09/2024 / Abdul	P13861

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	09/10/2025	03/10/2025 / Abdul	11/01/2019 / Stephen	P9052

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

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)	24G1962003	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
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%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
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.

RG-02-01, Ed. 3

Recd. by RB on 7/24/23 E3551

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24C1862008
Manufactured Date: 2024-01-30
Expiration Date: 2025-04-30
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 Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) – Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.4 ppm
Substances Darkened by H_2SO_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

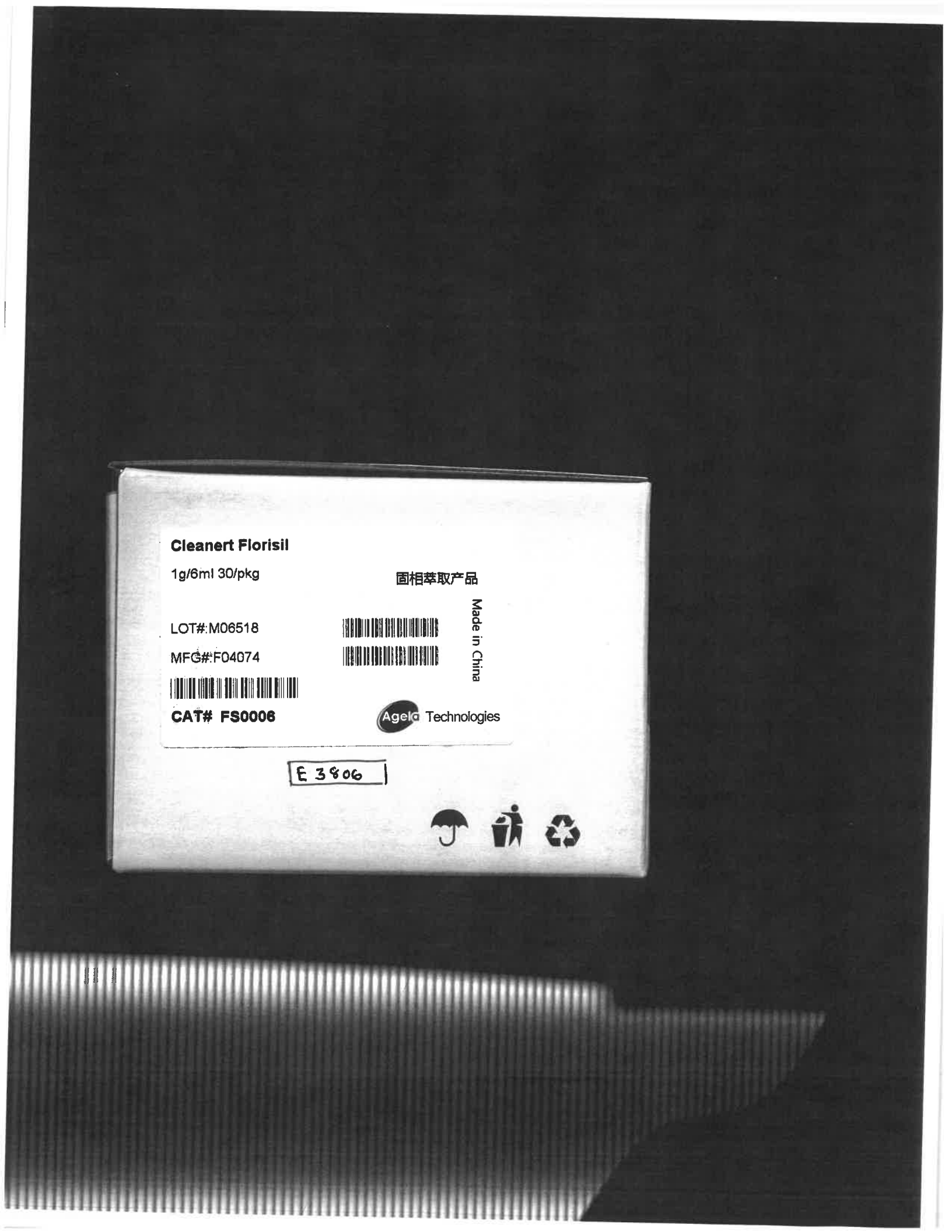
Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 9/25/24

E3805

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production


Cleanert Florisil
1g/6ml 30/pkg
固相萃取产品
LOT#:M06518
MFG#:F04074
CAT# FS0006
Made in China
Agela Technologies
E3806

PO: PO2-329 PRODUCT CODE: SHIP DATE: 9/30/2024

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) 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

E3815

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) 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

Recd. by RP on 12/5/24

E 3843

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) 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

Recd by RP on 12/13/24

E 3846

JCroak

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

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_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: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 12/13/24

E3847

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Recd by RP on 2/12/25

E3877

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

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

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 24K1762005
Manufactured Date: 2024-10-08
Expiration Date:2026-01-07
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	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	<= 0.3	0.0
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 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

E 3878

JCroak
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

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

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.

RESTEK
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

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.

P12614 V P12615 Five

Catalog No. : 32021 **Lot No.:** A0193299

Description : Chlordane Standard

Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul

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

Expiration Date : April 30, 2029 **Storage:** 10°C or colder

Ship: Ambient

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	----%	1,010.0 µg/mL	+/- 56.0475

* 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.)

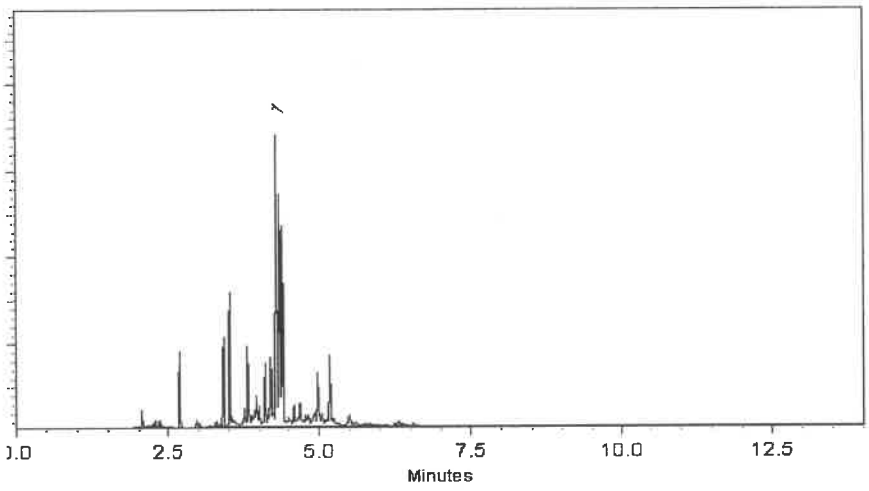
Inj. Temp:
250°C

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.

Bryan Snyder - Operations Tech I

Date Mixed: 06-Jan-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 09-Jan-2023

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

P12691 ↓ P12695

7/3/2023

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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.

P130397 } 5
↓
P130431

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

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 5
↓
P 13043 1
12/26/23

Quality Confirmation Test

Column:
30m x .25mm x .2um
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.)

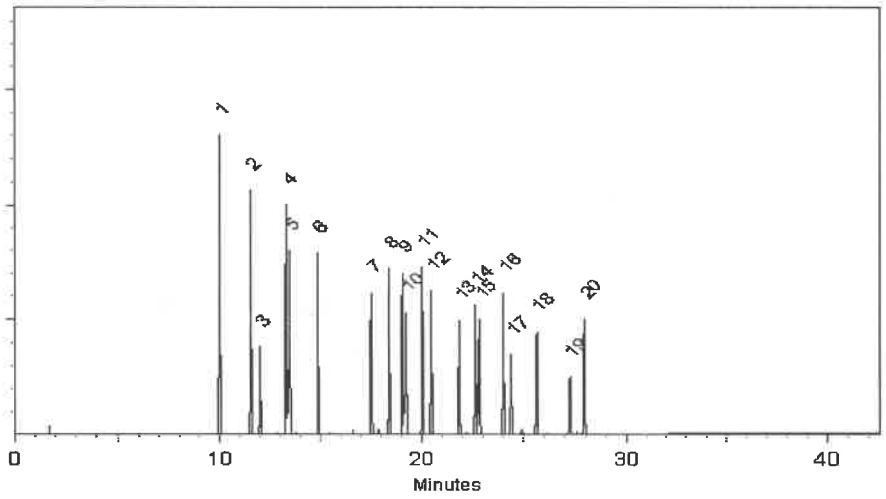
Inj. Temp:
200°C

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 - Operations Technician I

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

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 79136
Lot Number: 042022
Description: Mirex

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

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

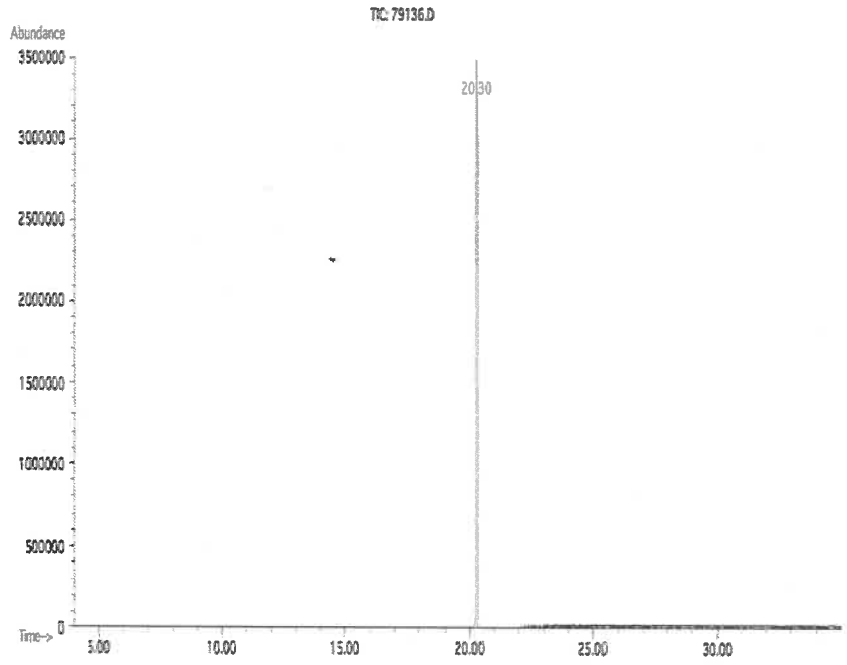
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.006 Flask Uncertainty

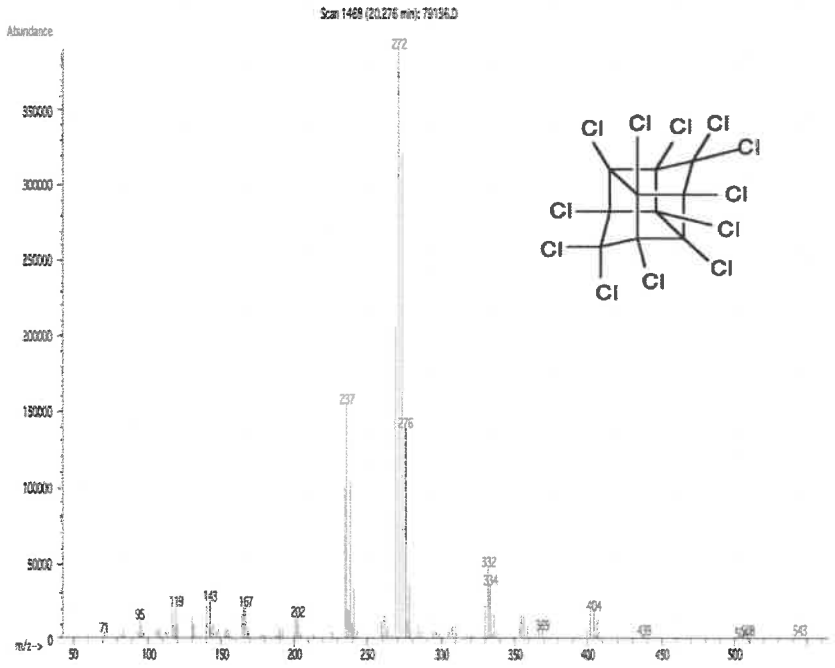
Prashant Chauhan 042022
Formulated By: Prashant Chauhan DATE

Pedro Rentas 042022
Reviewed By: Pedro L. 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.	Mirex	437	9492400	1000	99.4	0.5	0.05034	0.05040	1001.1	10.3	2385-85-5	N/A	orl-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)
|

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).

P13195
↓
P13199

(5)

01/17/2024

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Certificate of Analysis

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ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.

P12603 (3)
↓
P12605
7/3/2023

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

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.)

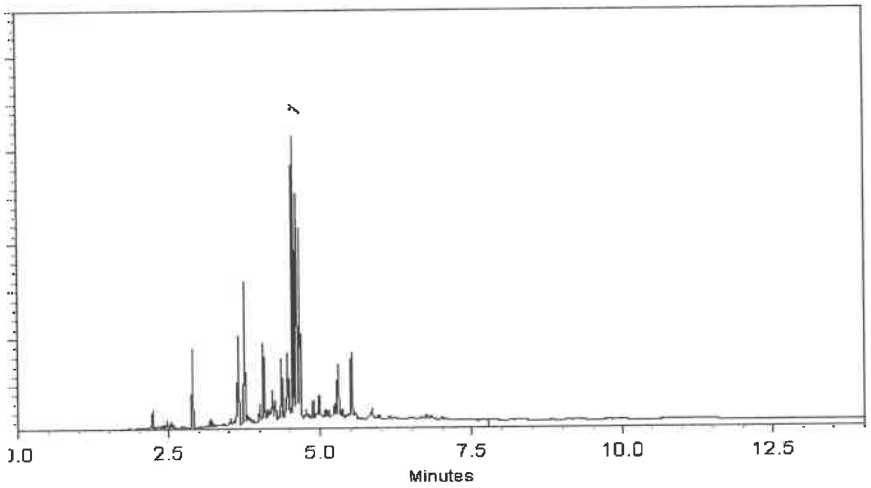
Inj. Temp:
250°C

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

P12603 & P12605 (3)

7/3/2023

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.

P 13034 ↓ P 13038 5

12.26.2023

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

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) 5
↓
P13038 1

12/26/2023

Quality Confirmation Test

Column:
30m x .25mm x .2um
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.)

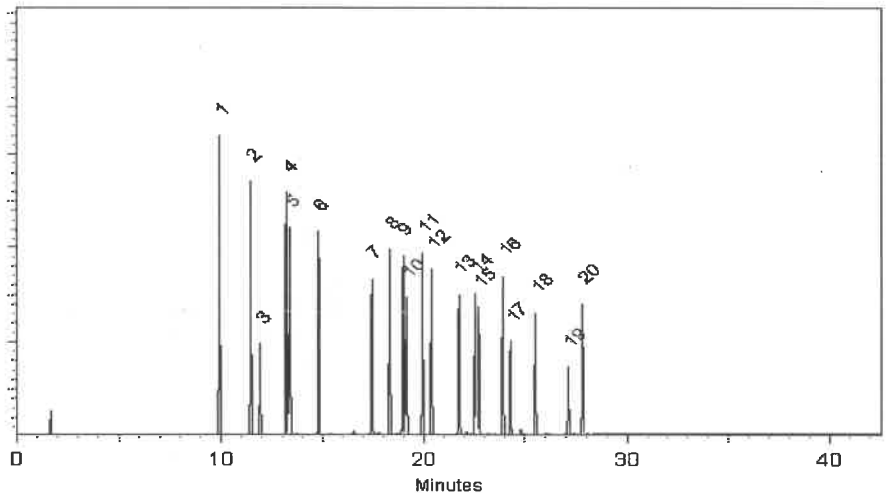
Inj. Temp:
200°C

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 - Operations Tech I

Date Mixed: 31-Jul-2023 **Balance Serial #** B442140311

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 19161
Lot Number: 013124
Description: CLP Pesticides & PCB's Resolution Check Standard
9 components

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

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 ± 0.021 Flask Uncertainty

5E-05 Balance Uncertainty

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

P13243 } (5)
thru
P13247

02/9/2024

- 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).

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Certificate of Analysis

chromatographic plus

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.

P13348 ↓ P13357 (10)

04/25/2024

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

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

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

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

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

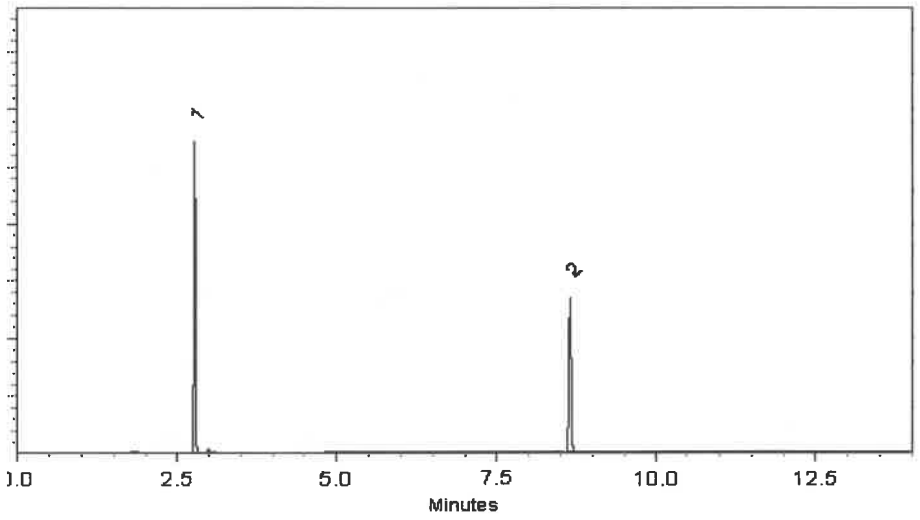
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

P13348 (10)

↓

P13357

04/25/2025

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.

P13348 ↓ P13357 (10)

04/25/2024

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

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

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

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

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

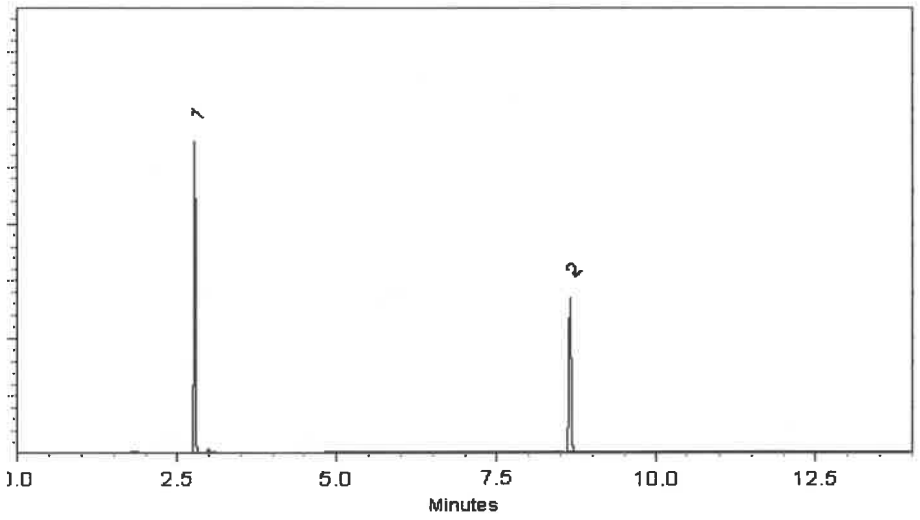
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

P13348 (10)

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P13357

04/25/2025

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.

P13348 ↓ P13357 (10)

04/25/2024

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

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

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

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

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

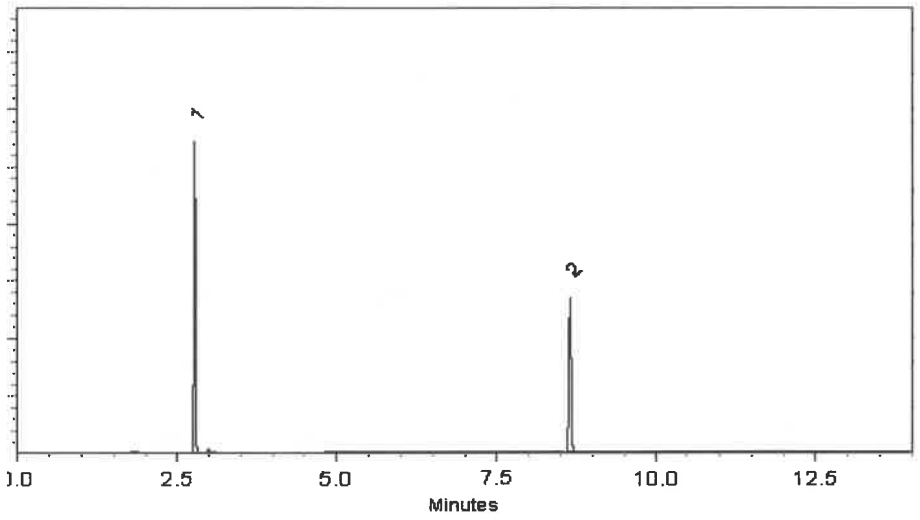
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

P13348 (10)

↓

P13357

04/25/2025

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13402 & P13406 (5)

5/22/2024

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%

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.)

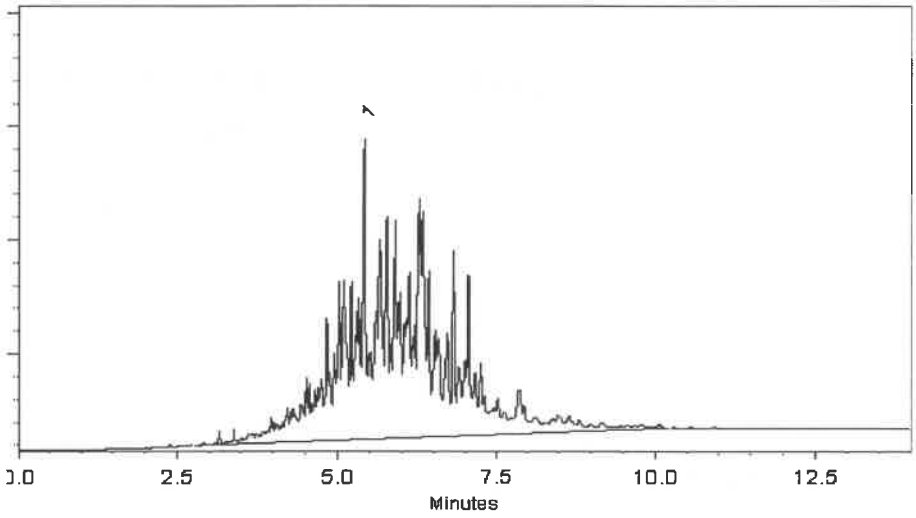
Inj. Temp:
250°C

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

P13402
↓
P13406
5

5/22/2024

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P13402 & P13406 (5)

5/22/2024

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%

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.)

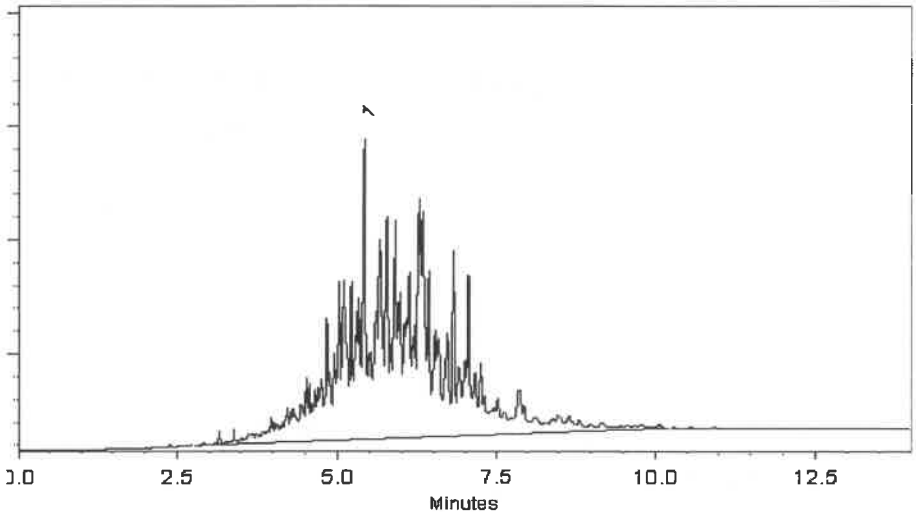
Inj. Temp:
250°C

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

P13402
↓
P13406
5

5/22/2024

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Certificate #3222.02

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:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

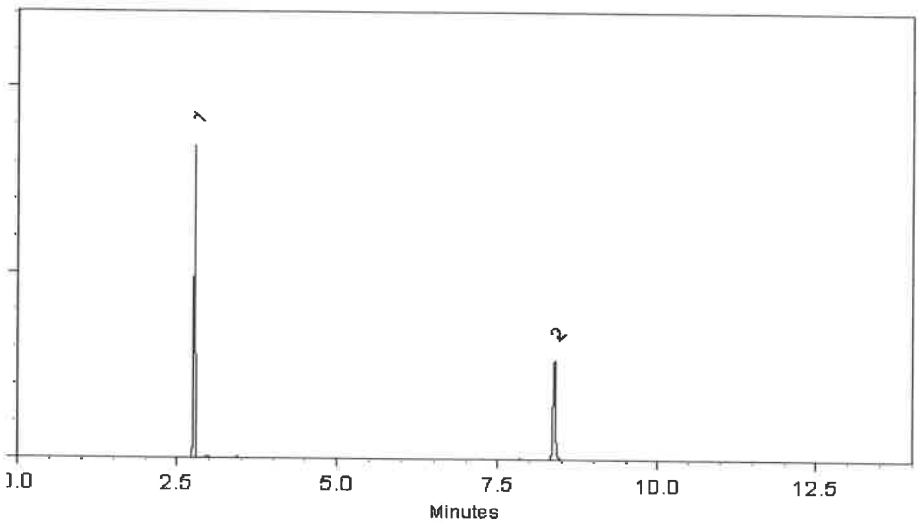
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

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. : 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 (2)

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.)

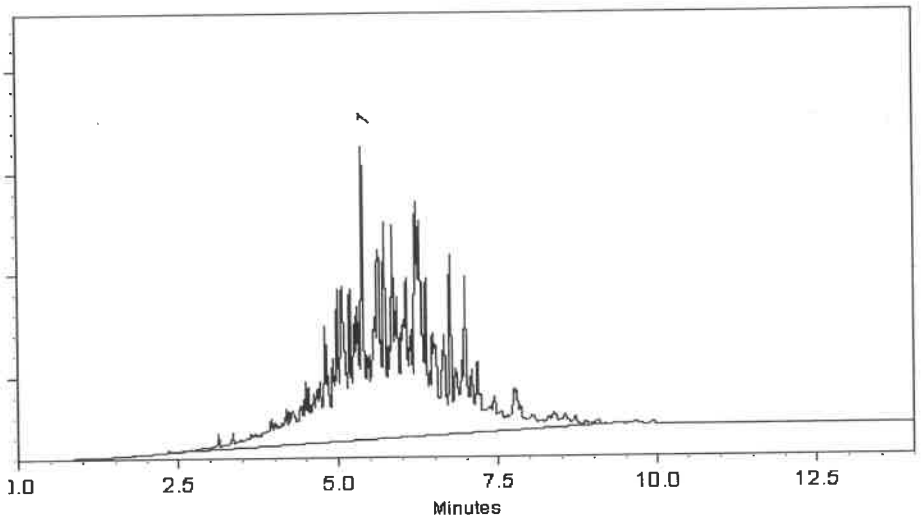
Inj. Temp:
250°C

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

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Scopes: http://AbsoluteStandards.com

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): **Lot#**
Methylene chloride 102669

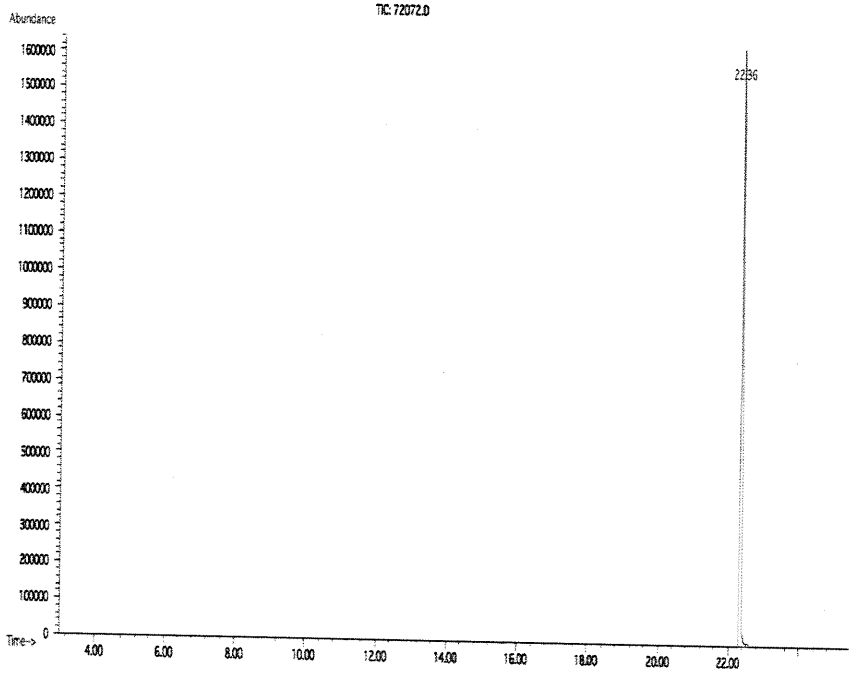
Received by SG on 11/1/19
P9044 - P9053

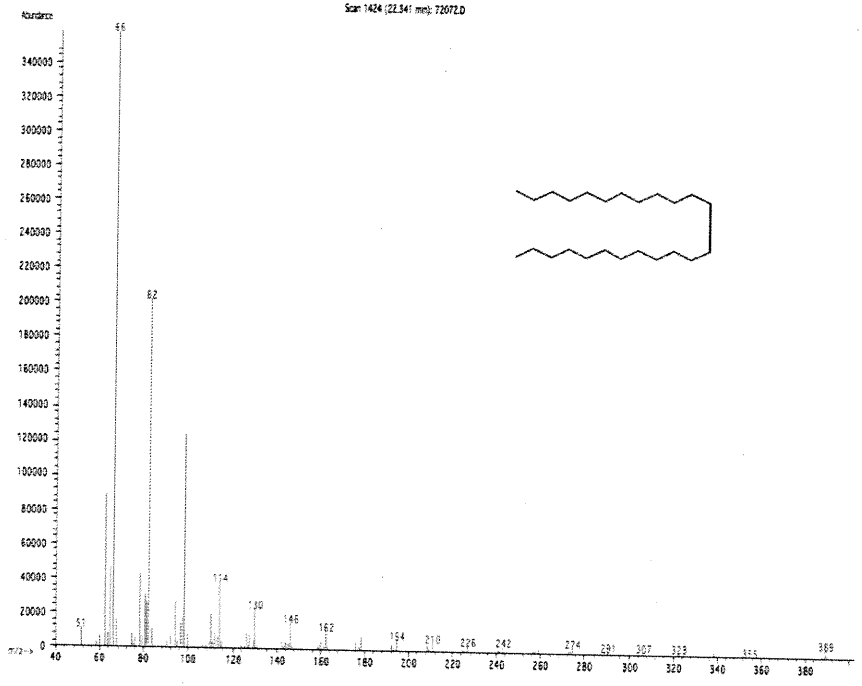
5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Prashant Chauhan	112018 DATE
Reviewed By:	Pedro Rentas	112018 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.





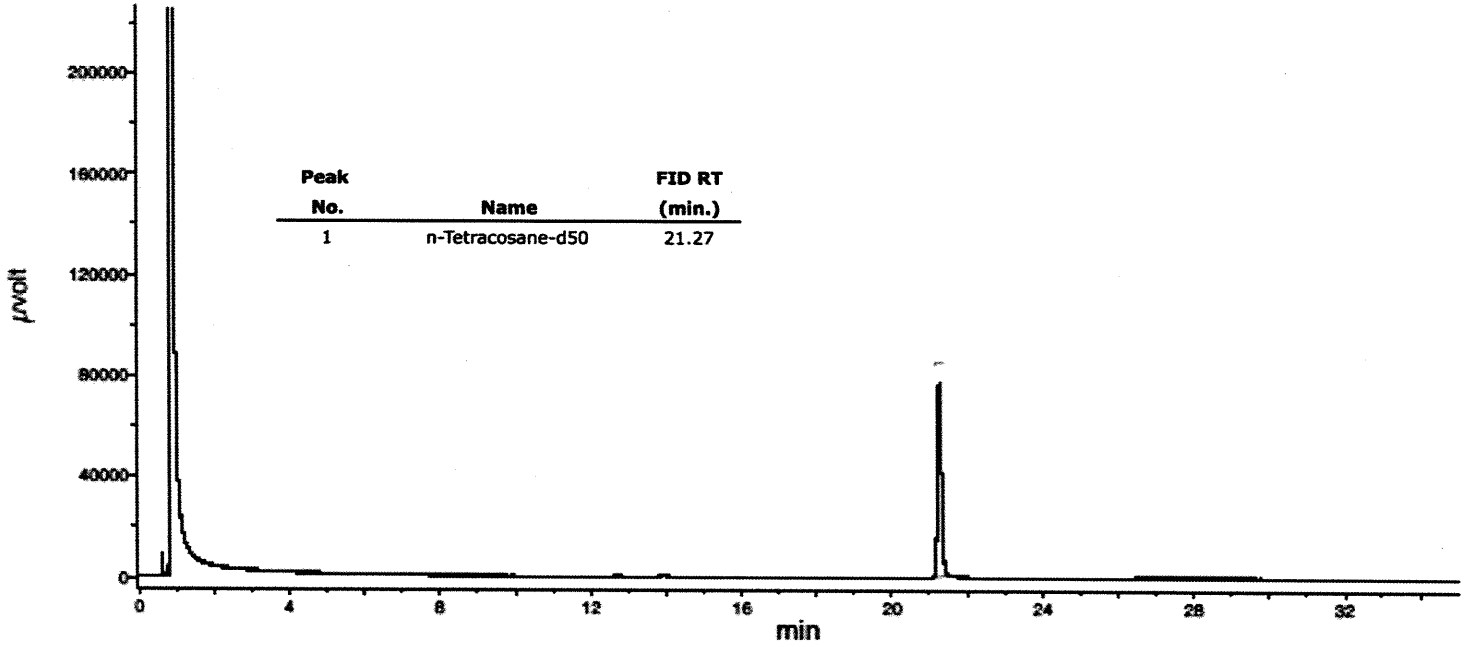
- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated 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 1.5um 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 = eDaq Channel 1.
Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 uL, Range = 3



Peak No.	Name	FID RT (min.)
1	n-Tetracosane-d50	21.27

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

W3147

W3147 update. 02/03/2025 JP

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_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: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
3/5/2025 14:30

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
PO2-1517	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	WP0325	8264-04
1	1	0	PT-HG-WP	WP Mercury	WP0325	8264-05
1	1	0	PT-SNTI-WP	WP Tin & Titanium	WP0325	8264-38
1	1	0	PT-CR6-WP	WP Hexavalent Chromium	WP0325	8264-06
1	1	0	PT-DEM-WP	WP Demand	WP0325	8264-07
			PT-MINSET-WP	WP Minerals Set : (MIN1, MIN2 and COND)		
1	1	0	PT-MIN1-WP	WP Minerals 1 Only	WP0325	8264-08
1	1	0	PT-MIN2-WP	WP Minerals 2 Only	WP0325	8264-102
1	1	0	PT-COND-WP	WP Conductivity Only	WP0325	8264-72
1	1	0	PT-SOL-WP	WP Solids	WP0325	8264-09
			PT-NUTSET-WP	WP Nutrients Set : (NUT1, NUT2 and NUT3)		
1	1	0	PT-NUT1-WP	WP NUT1 Simple Nutrients Only	WP0325	8264-10
1	1	0	PT-NUT2-WP	WP NUT2 - Complex Nutrients	WP0325	8264-11
1	1	0	PT-NUT3-WP	WP NUT3 - Nitrite Only	WP0325	8264-69
1	1	0	PT-OGR1L-WP	WP Oil and Grease 1L	WP0325	8264-103
1	1	0	PT-CL-WP	WP Residual Chlorine	WP0325	8264-13
1	1	0	PT-PH-WP	WP pH	WP0325	8264-15
1	1	0	PT-CN-WP	WP Cyanide	WP0325	8264-14
1	1	0	PT-PHEN-WP	WP Phenolics	WP0325	8264-16

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3/5/2025 14:30

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PO2-1517	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-S2-WP	WP Sulfide	WP0325	8264-22
1	1	0	PT-SSOL-WP	WP Settleable Solids	WP0325	8264-17
1	1	0	PT-TURB-WP	WP Turbidity	WP0325	8264-20
1	1	0	PT-VOA-WP	WP Volatiles	WP0325	8264-26
1	1	0	PT-BN-WP	WP Base Neutrals	WP0325	8264-27
1	1	0	PT-ACIDS-WP	WP Acids	WP0325	8264-28
1	1	0	PT-PEST-WP	WP Pesticides	WP0325	8264-29
1	1	0	PT-CHLR-WP	WP Chlordane	WP0325	8264-30
1	1	0	PT-TXP-WP	WP Toxaphene	WP0325	8264-31
1	1	0	PT-PCBW-WP	WP PCBs in Water	WP0325	8264-32
1	1	0	PT-HERB-WP	WP Herbicides	WP0325	8264-36
1	1	0	RR-TPH1L-WP	WP TPH 1L	R40367	R40367-104
1	1	0	RR-VSOL-WP	WP Volatile Solids	R40367	R40367-18
1	1	0	RR-SIO2-WP	WP Silica	R40367	R40367-21
1	1	0	RR-COL-WP	WP Color	R40367	R40367-51
1	1	0	RR-GAS-WP	WP Gasoline Range Organics	R40367	R40367-62
1	1	0	RR-DIES-WP	WP Diesel Range Organics	R40367	R40367-63
1	1	0	RR-8011-WP	WP EDB/DBCP/TCP	R40367	R40367-98
1	1	0	RR-PAH-WP	WP PAH-Low Level	R40433	R40433-37

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Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
Email: Sohil Jodhani	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	R40480	R40480-108

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148