

**DATA PACKAGE**  
**GC SEMI-VOLATILES**

**PROJECT NAME : NJ WASTE WATER PT**

**ALLIANCE TECHNICAL GROUP, LLC - NEWARK**

**284 Sheffiled Stree**

**Suite 1**

**Mountainside, NJ - 07092**

**Phone No: 908-789-8900**

**ORDER ID : Q3015**

**ATTENTION : Mohammad Ahmed**



**Laboratory Certification ID # 20012**

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|                                             |     |
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## Cover Page

**Order ID :** Q3015

**Project ID :** NJ Waste Water PT

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

### Lab Sample Number

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

### Client Sample Number

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

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

**APPROVED**

By Nimisha Pandya, QA/QC Supervisor at 2:57 pm, Oct 24, 2025

Date: 10/10/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

**Alliance Technical Group, LLC - Newark**

**Project Name: NJ Waste Water PT**

**Project # N/A**

**Order ID # Q3015**

**Test Name: PESTICIDE Group2**

### **A. Number of Samples and Date of Receipt:**

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

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: PESTICIDE Group2. This data package contains results for PESTICIDE Group2.

### **C. Analytical Techniques:**

The analysis was performed on instrument ECD\_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df.; Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11. The analysis of PESTICIDE Group2s was based on method 608.3,8081B and extraction was done based on method 3510.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Retention Times were met for all analysis.

The Blank Spike met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

### **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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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed



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Phone: 908 789 8900 Fax: 908 789 8922

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

Signature\_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 2:58 pm, Oct 24, 2025*

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



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**GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY**

ORDER ID: Q3015

MATRIX: Water

METHOD: 608.3,8081B/3510

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

**REVIEWED**

QA REVIEW

By Sohil Jodhani, QA/QC Director at 9:48 am, Oct 24, 2025

APPENDIX A

**QA REVIEW GENERAL DOCUMENTATION**

Project #: Q3015

Completed

For thorough review, the report must have the following:

**GENERAL:**

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

**COVER PAGE:**

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

✓

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

✓

**CHAIN OF CUSTODY:**

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

**ANALYTICAL:**

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 10/10/2025

## LAB CHRONICLE

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

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

**Hit Summary Sheet**  
SW-846

**SDG No.:** Q3015

**Order ID:** Q3015

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

**Project ID:** NJ Waste Water PT

| Sample ID               | Client ID                   | Parameter | Concentration | C | MDL   | RDL  | Units |
|-------------------------|-----------------------------|-----------|---------------|---|-------|------|-------|
| Client ID :<br>Q3015-11 | WP0925-PT-CHLR-WP           |           |               |   |       |      |       |
|                         | WP0925-PT-CHLR-W WATER      | Chlordane | 7.60          |   | 0.088 | 0.50 | ug/L  |
|                         | <b>Total Concentration:</b> |           | <b>7.600</b>  |   |       |      |       |



# QC SUMMARY

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### Surrogate Summary

SDG No.: Q3015

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8081B

| Lab Sample ID    | Client ID         | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|-------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                   |                   |        |       |        |             |      | Low       | High |
| I.BLK-PD089983.D | PIBLK-PD089983.D  | Decachlorobiphen  | 1      | 20    | 20.6   | 103         |      | 57        | 171  |
|                  |                   | Tetrachloro-m-xyl | 1      | 20    | 18.7   | 94          |      | 61        | 148  |
|                  |                   | Decachlorobiphen  | 2      | 20    | 21.4   | 107         |      | 57        | 171  |
|                  |                   | Tetrachloro-m-xyl | 2      | 20    | 20.2   | 101         |      | 61        | 148  |
| I.BLK-PD090219.D | PIBLK-PD090219.D  | Decachlorobiphen  | 1      | 20    | 19.3   | 97          |      | 57        | 171  |
|                  |                   | Tetrachloro-m-xyl | 1      | 20    | 17.9   | 89          |      | 61        | 148  |
|                  |                   | Decachlorobiphen  | 2      | 20    | 20.1   | 101         |      | 57        | 171  |
|                  |                   | Tetrachloro-m-xyl | 2      | 20    | 20.3   | 101         |      | 61        | 148  |
| Q3015-11         | WP0925-PT-CHLR-WP | Decachlorobiphen  | 1      | 20    | 22.8   | 114         |      | 57        | 171  |
|                  |                   | Tetrachloro-m-xyl | 1      | 20    | 19.7   | 99          |      | 61        | 148  |
|                  |                   | Decachlorobiphen  | 2      | 20    | 24.1   | 120         |      | 57        | 171  |
|                  |                   | Tetrachloro-m-xyl | 2      | 20    | 27.4   | 137         |      | 61        | 148  |
| PB169636BL       | PB169636BL        | Decachlorobiphen  | 1      | 20    | 20.0   | 100         |      | 57        | 171  |
|                  |                   | Tetrachloro-m-xyl | 1      | 20    | 19.1   | 96          |      | 61        | 148  |
|                  |                   | Decachlorobiphen  | 2      | 20    | 21.2   | 106         |      | 57        | 171  |
|                  |                   | Tetrachloro-m-xyl | 2      | 20    | 20.7   | 103         |      | 61        | 148  |
| PB169636BS       | PB169636BS        | Decachlorobiphen  | 1      | 20    | 18.4   | 92          |      | 57        | 171  |
|                  |                   | Tetrachloro-m-xyl | 1      | 20    | 15.1   | 75          |      | 61        | 148  |
|                  |                   | Decachlorobiphen  | 2      | 20    | 19.8   | 99          |      | 57        | 171  |
|                  |                   | Tetrachloro-m-xyl | 2      | 20    | 21.7   | 109         |      | 61        | 148  |
| I.BLK-PD090232.D | PIBLK-PD090232.D  | Decachlorobiphen  | 1      | 20    | 19.9   | 99          |      | 57        | 171  |
|                  |                   | Tetrachloro-m-xyl | 1      | 20    | 17.1   | 86          |      | 61        | 148  |
|                  |                   | Decachlorobiphen  | 2      | 20    | 21.2   | 106         |      | 57        | 171  |
|                  |                   | Tetrachloro-m-xyl | 2      | 20    | 20.4   | 102         |      | 61        | 148  |



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Fax : 908 789 8922

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                                               |                           |                   |
|-----------------|-----------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3015</u>                                  | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Alliance Technical Group, LLC - Newark</u> | <b>Datafile :</b>         | <u>PD090231.D</u> |

| Lab Sample ID            | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  | Low | Limits | RPD |
|--------------------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|                          |           |       |        |       |     |     |      | Qual |     | High   |     |
| PB169636BS<br>(Column 1) | Chlordane | 2     | 1.70   | ug/L  | 85  |     |      |      | 80  | 120    |     |
| PB169636BS<br>(Column 2) | Chlordane | 2     | 2.00   | ug/L  | 100 |     |      |      | 80  | 120    |     |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169636BL

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Lab Sample ID: PB169636BL

Lab File ID: PD090227.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/10/2025

Date Analyzed (1): 09/10/2025

Date Analyzed (2): 09/10/2025

Time Analyzed (1): 17:02

Time Analyzed (2): 17:02

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

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

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

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| WP0925-PT-CHLR-WP | Q3015-11         | PD090224.D     | 09/10/2025         | 09/10/2025         |
| PB169636BS        | PB169636BS       | PD090231.D     | 09/10/2025         | 09/10/2025         |

COMMENTS: \_\_\_\_\_  
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## Report of Analysis

|                    |                                        |           |                    |                  |           |
|--------------------|----------------------------------------|-----------|--------------------|------------------|-----------|
| Client:            | Alliance Technical Group, LLC - Newark |           | Date Collected:    | 09/02/25         |           |
| Project:           | NJ Waste Water PT                      |           | Date Received:     | 09/04/25         |           |
| Client Sample ID:  | WP0925-PT-CHLR-WP                      |           | SDG No.:           | Q3015            |           |
| Lab Sample ID:     | Q3015-11                               |           | Matrix:            | WATER            |           |
| Analytical Method: | 8081B                                  |           | % Solid:           | 0                | Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: mL | Final Vol:         | 10000            | uL        |
| Soil Aliquot Vol:  |                                        | uL        | Test:              | PESTICIDE Group2 |           |
| Extraction Type:   |                                        |           | Injection Volume : |                  |           |
| GPC Factor :       | 1.0                                    | PH :      |                    |                  |           |
| Prep Method :      | 3510C                                  |           |                    |                  |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD090224.D        | 1         | 09/10/25 08:46 | 09/10/25 16:15 | PB169636      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 57-74-9           | Chlordane            | 7.60  |           | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 24.1  |           | 57 - 171 | 120%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 27.4  |           | 61 - 148 | 137%       | 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 &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091025\  
 Data File : PD090224.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Sep 2025 16:15  
 Operator : AR\AJ  
 Sample : Q3015-11  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 WP0925-PT-CHLR-WP

### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
 Supervised By :mohammad ahmed 09/16/2025

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

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|-----------|
| -----                       |                 |       |       |          |          |          |           |
| System Monitoring Compounds |                 |       |       |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.551 | 2.874 | 57944371 | 603.8E6  | 19.744m  | 27.382m#  |
| 28)                         | SA Decachlor... | 9.074 | 8.066 | 98289527 | 623.1E6  | 22.774   | 24.069    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 23)                         | Chlordane-1     | 4.716 | 3.900 | 109.5E6  | 700.5E6  | 637.801m | 788.059   |
| 24)                         | Chlordane-2     | 5.245 | 4.482 | 119.9E6  | 706.3E6  | 681.054  | 737.263   |
| 25)                         | Chlordane-3     | 5.949 | 5.120 | 411.5E6  | 2095.1E6 | 606.766  | 756.091   |
| 26)                         | Chlordane-4     | 6.032 | 5.185 | 508.8E6  | 1892.4E6 | 612.852  | 786.222 # |
| 27)                         | Chlordane-5     | 6.873 | 6.084 | 102.1E6  | 785.5E6  | 728.178  | 714.071   |
| -----                       |                 |       |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091025\  
Data File : PD090224.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2025 16:15  
Operator : AR\AJ  
Sample : Q3015-11  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

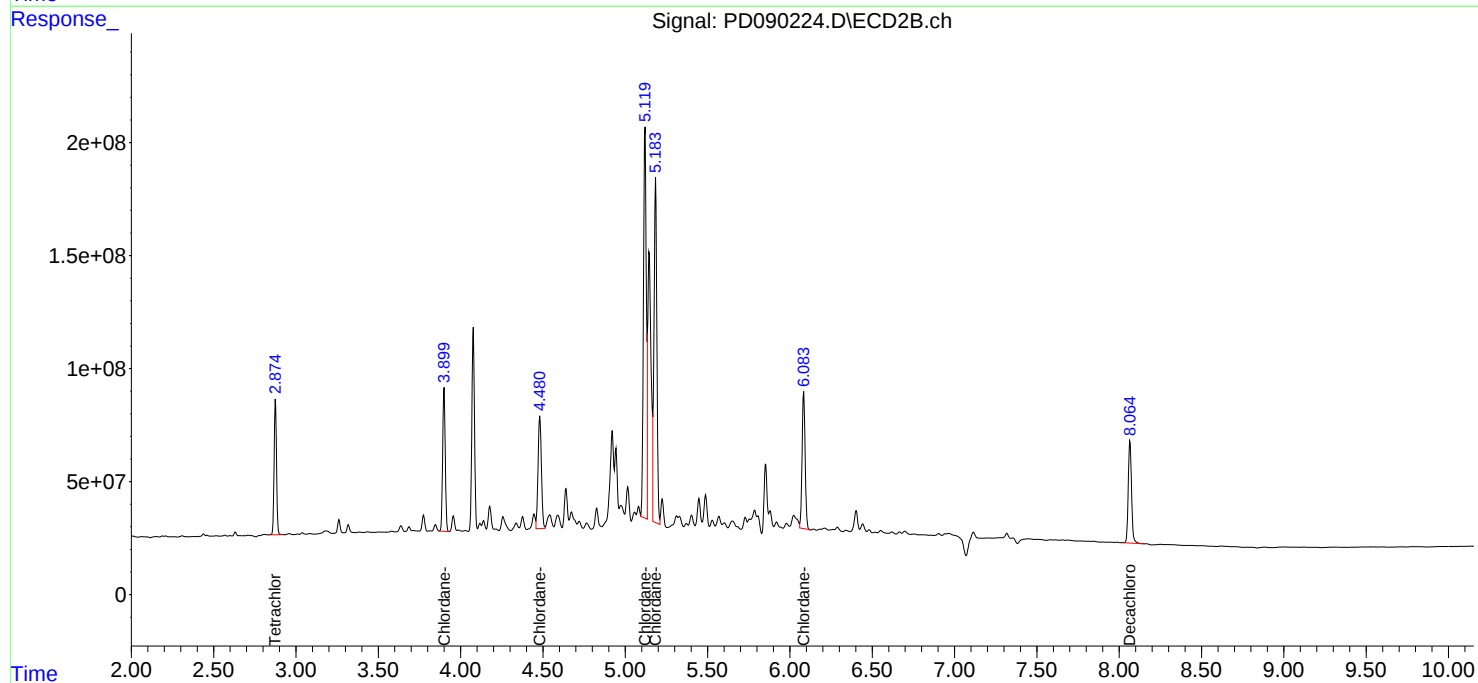
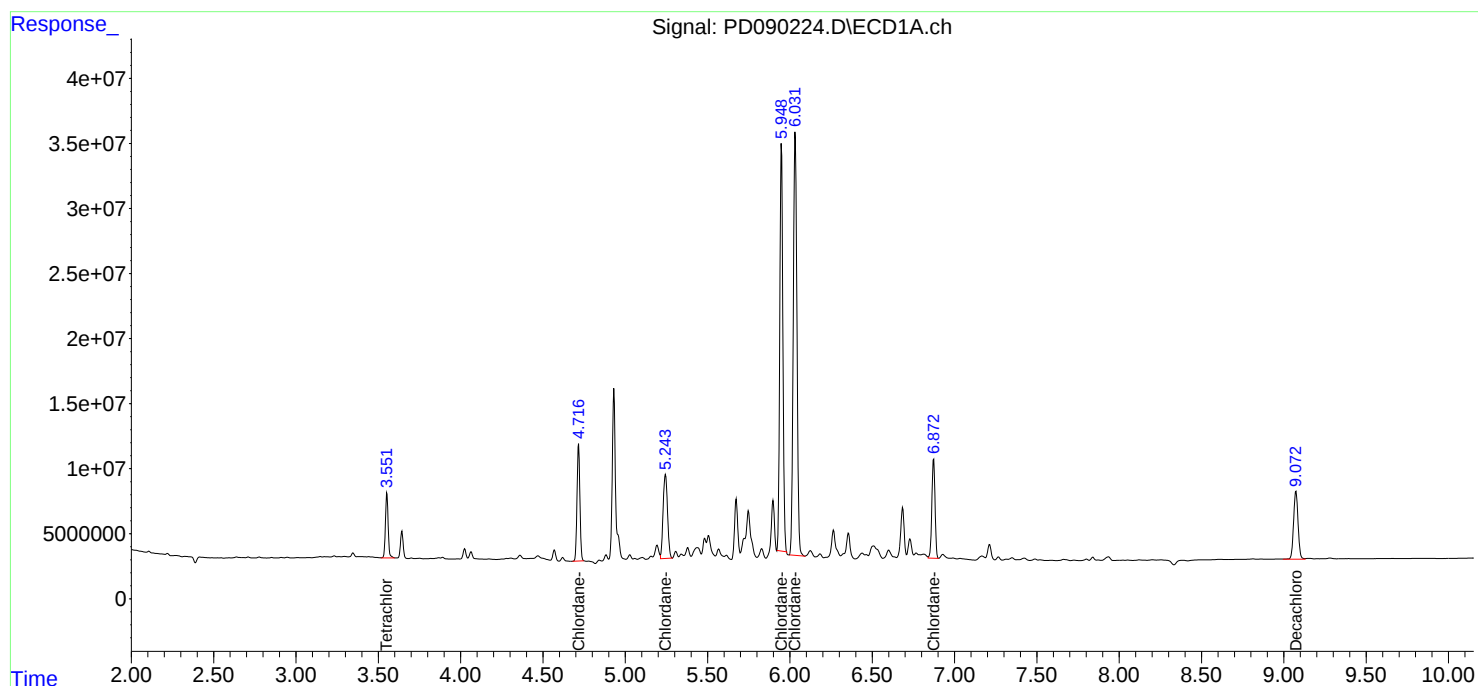
Instrument :  
ECD\_D  
ClientSampleId :  
WP0925-PT-CHLR-WP

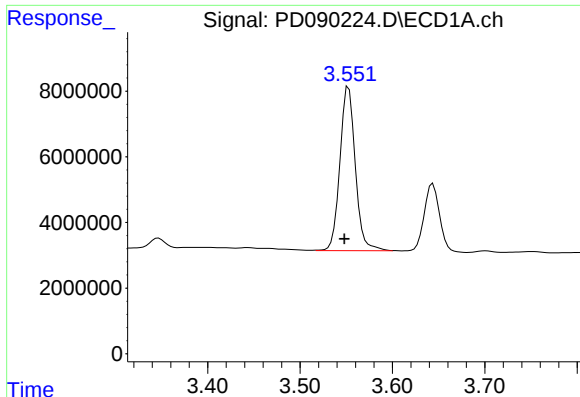
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 09/11/2025  
Supervised By : mohammad ahmed 09/16/2025

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

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





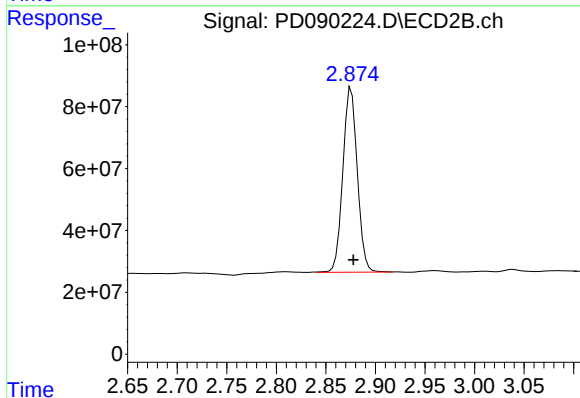
## #1 Tetrachloro-m-xylene

R.T.: 3.551 min  
Delta R.T.: 0.003 min  
Response: 57944371  
Conc: 19.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WP0925-PT-CHLR-WP

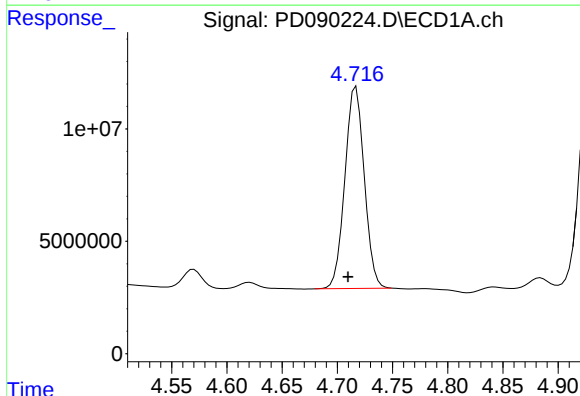
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025



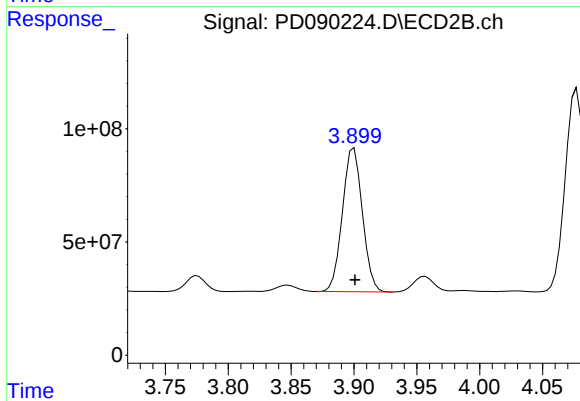
## #1 Tetrachloro-m-xylene

R.T.: 2.874 min  
Delta R.T.: -0.004 min  
Response: 603780103  
Conc: 27.38 ng/ml m



## #23 Chlordane-1

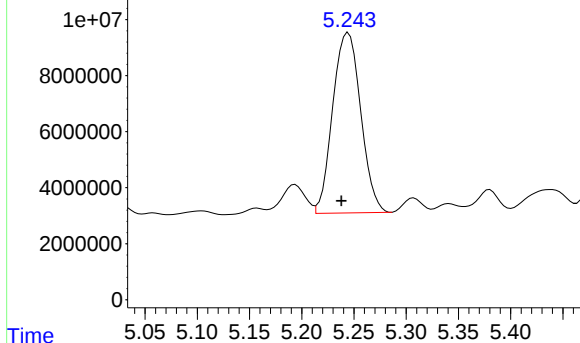
R.T.: 4.716 min  
Delta R.T.: 0.006 min  
Response: 109539823  
Conc: 637.80 ng/ml m



## #23 Chlordane-1

R.T.: 3.900 min  
Delta R.T.: 0.000 min  
Response: 700530024  
Conc: 788.06 ng/ml

Response\_ Signal: PD090224.D\ECD1A.ch



#24 Chlordane-2

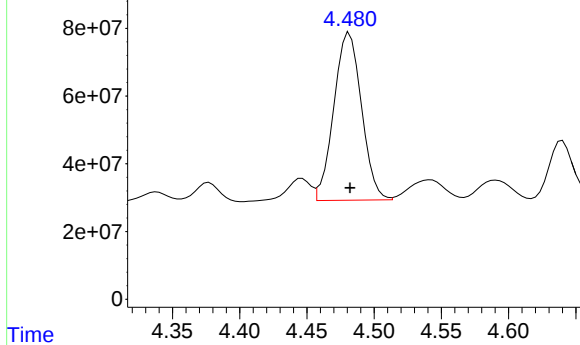
R.T.: 5.245 min  
Delta R.T.: 0.007 min  
Response: 119880313  
Conc: 681.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WP0925-PT-CHLR-WP

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025

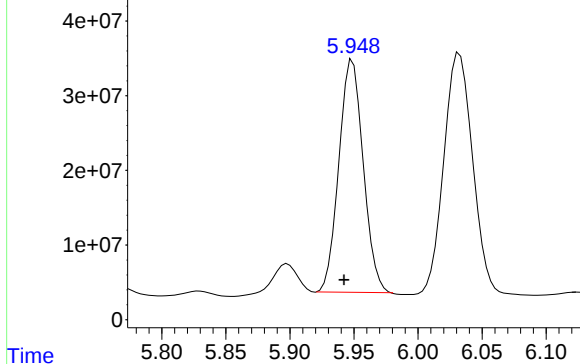
Response\_ Signal: PD090224.D\ECD2B.ch



#24 Chlordane-2

R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 706262883  
Conc: 737.26 ng/ml

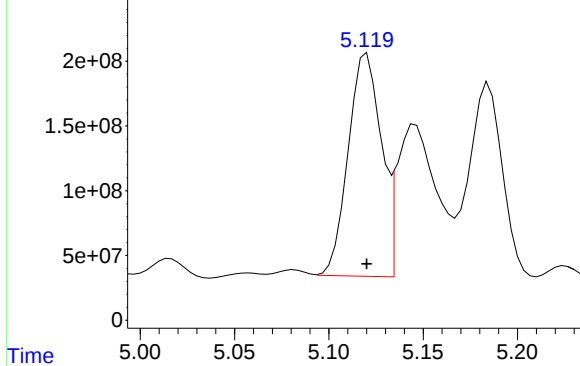
Response\_ Signal: PD090224.D\ECD1A.ch



#25 Chlordane-3

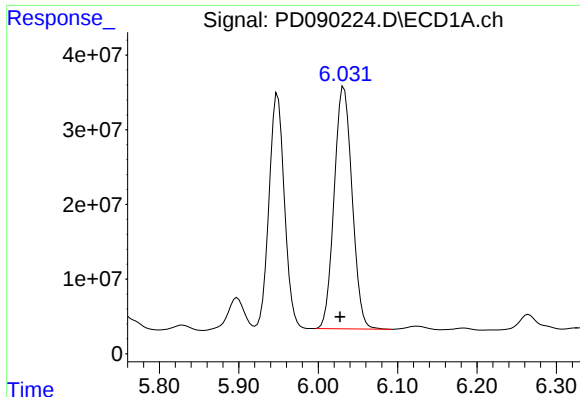
R.T.: 5.949 min  
Delta R.T.: 0.007 min  
Response: 411510794  
Conc: 606.77 ng/ml

Response\_ Signal: PD090224.D\ECD2B.ch



#25 Chlordane-3

R.T.: 5.120 min  
Delta R.T.: 0.000 min  
Response: 2095100160  
Conc: 756.09 ng/ml



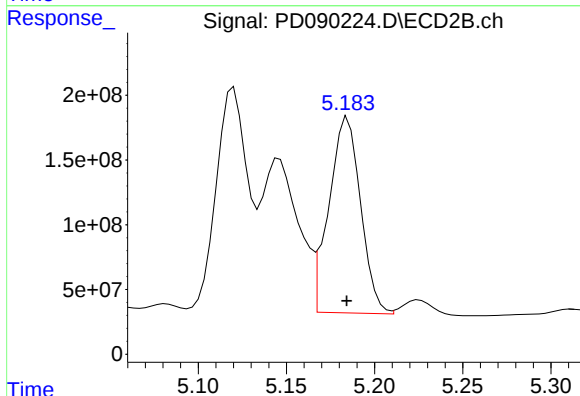
## #26 Chlordane-4

R.T.: 6.032 min  
Delta R.T.: 0.005 min  
Response: 508818756  
Conc: 612.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WP0925-PT-CHLR-WP

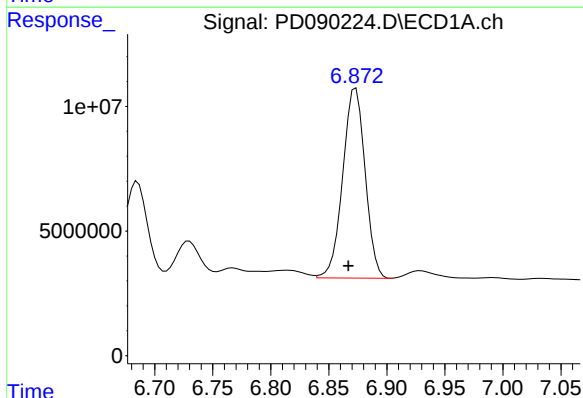
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025



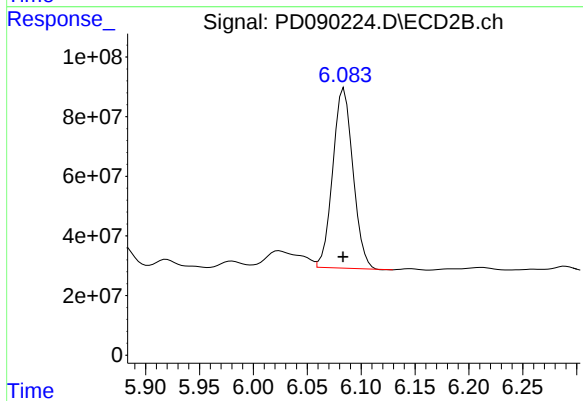
## #26 Chlordane-4

R.T.: 5.185 min  
Delta R.T.: 0.000 min  
Response: 1892375779  
Conc: 786.22 ng/ml



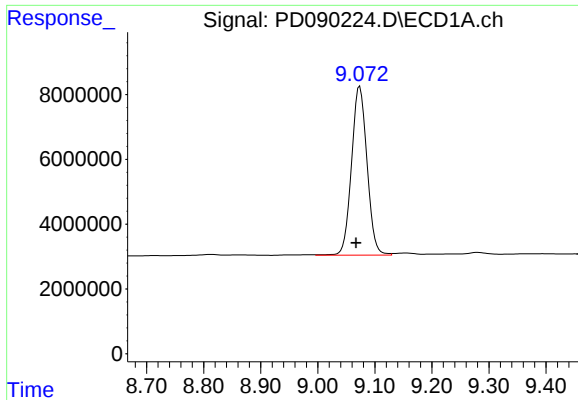
## #27 Chlordane-5

R.T.: 6.873 min  
Delta R.T.: 0.006 min  
Response: 102058681  
Conc: 728.18 ng/ml



## #27 Chlordane-5

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 785456076  
Conc: 714.07 ng/ml



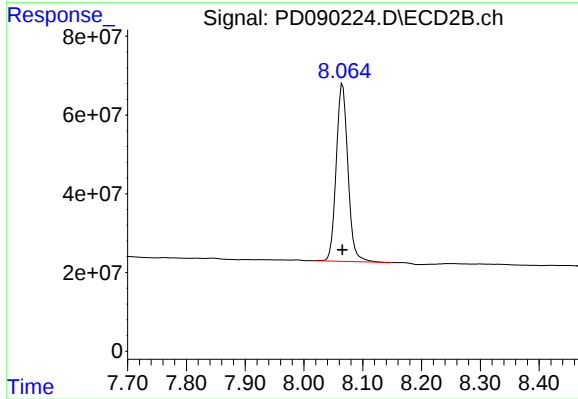
#28 Decachlorobiphenyl

R.T.: 9.074 min  
Delta R.T.: 0.007 min  
Response: 98289527  
Conc: 22.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WP0925-PT-CHLR-WP

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025



#28 Decachlorobiphenyl

R.T.: 8.066 min  
Delta R.T.: 0.000 min  
Response: 623057973  
Conc: 24.07 ng/ml



# CALIBRATION SUMMARY

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

**Calibration Times:**                      **10:30**                      **11:51**

|              |           |                   |          |                   |
|--------------|-----------|-------------------|----------|-------------------|
| LAB FILE ID: | RT 1000 = | <u>PD089986.D</u> | RT 750 = | <u>PD089987.D</u> |
|              | RT 500 =  | PD089988.D        | RT 250 = | PD089989.D        |
|              |           |                   | RT 050 = | PD089990.D        |

[illegible]

**Calibration Times:**                      **10:30**                      **11:51**

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

|              |           |                   |          |                   |
|--------------|-----------|-------------------|----------|-------------------|
| LAB FILE ID: | RT 1000 = | <u>PD089986.D</u> | RT 750 = | <u>PD089987.D</u> |
|              | RT 500 =  | PD089988.D        | RT 250 = | PD089989.D        |
|              |           |                   | RT 050 = | PD089990.D        |

[illegible]



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

### CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_D

Contract: ALLI03  
SDG NO.: Q3015

Calibration Date(s): 08/19/2025 08/19/2025  
Calibration Times: 10:30 11:51

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

| LAB FILE ID:               |     | CF 1000 = <u>PD089986.D</u> |           | CF 750 = <u>PD089987.D</u> |           |           |           |          |
|----------------------------|-----|-----------------------------|-----------|----------------------------|-----------|-----------|-----------|----------|
| CF 500 = <u>PD089988.D</u> |     | CF 250 = <u>PD089989.D</u>  |           | CF 050 = <u>PD089990.D</u> |           |           |           |          |
| COMPOUND                   |     | CF 1000                     | CF 750    | CF 500                     | CF 250    | CF 050    | CF        | %<br>RSD |
| Chlordane-1                | (1) | 181608000                   | 178357000 | 184252000                  | 179684000 | 134829000 | 171746000 | 12       |
| Chlordane-2                | (2) | 173499000                   | 177758000 | 186362000                  | 188970000 | 153520000 | 176022000 | 8        |
| Chlordane-3                | (3) | 734580000                   | 729803000 | 733298000                  | 682260000 | 511076000 | 678203000 | 14       |
| Chlordane-4                | (4) | 876408000                   | 876098000 | 892321000                  | 847343000 | 659067000 | 830247000 | 12       |
| Chlordane-5                | (5) | 146332000                   | 146759000 | 150779000                  | 145988000 | 110924000 | 140156000 | 12       |
| Decachlorobiphenyl         |     | 289274000                   | 300683000 | 323872000                  | 338848000 | 326708000 | 315877000 | 6        |
| Tetrachloro-m-xylene       |     | 213024000                   | 213590000 | 219628000                  | 216564000 | 163354000 | 205232000 | 11       |



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

# CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_D

Contract: ALLI03  
SDG NO.: Q3015

Calibration Date(s): 08/19/2025 08/19/2025  
Calibration Times: 10:30 11:51

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

| LAB FILE ID:               |     | CF 1000 = <u>PD089986.D</u> |            | CF 750 = <u>PD089987.D</u> |            |            |            |          |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|----------|
| CF 500 = <u>PD089988.D</u> |     | CF 250 = <u>PD089989.D</u>  |            | CF 050 = <u>PD089990.D</u> |            |            |            |          |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | CF         | %<br>RSD |
| Chlordane-1                | (1) | 887489000                   | 907906000  | 948532000                  | 950221000  | 750506000  | 888931000  | 9        |
| Chlordane-2                | (2) | 900468000                   | 929634000  | 987046000                  | 1020050000 | 952568000  | 957953000  | 5        |
| Chlordane-3                | (3) | 2734010000                  | 2792980000 | 2921580000                 | 2941130000 | 2465130000 | 2770960000 | 7        |
| Chlordane-4                | (4) | 2328220000                  | 2397560000 | 2525200000                 | 2540800000 | 2242830000 | 2406920000 | 5        |
| Chlordane-5                | (5) | 1091010000                  | 1117460000 | 1176580000                 | 1173310000 | 941483000  | 1099970000 | 9        |
| Decachlorobiphenyl         |     | 1875770000                  | 1931830000 | 2065370000                 | 2140320000 | 2117470000 | 2026150000 | 6        |
| Tetrachloro-m-xylene       |     | 2008460000                  | 2048910000 | 2114190000                 | 2087090000 | 1547760000 | 1961280000 | 12       |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
 Data File : PD089986.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Aug 2025 10:30  
 Operator : AR\AJ  
 Sample : PCHLORICC1000  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 13:05:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:03:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|---------|
| -----                       |                 |       |       |         |          |          |         |
| System Monitoring Compounds |                 |       |       |         |          |          |         |
| 1)                          | SA Tetrachlo... | 3.548 | 2.877 | 213.0E6 | 2008.5E6 | 98.474   | 97.435  |
| 28)                         | SA Decachlor... | 9.067 | 8.064 | 289.3E6 | 1875.8E6 | 94.357   | 95.189  |
| Target Compounds            |                 |       |       |         |          |          |         |
| 23)                         | Chlordane-1     | 4.712 | 3.901 | 181.6E6 | 887.5E6  | 992.774  | 966.752 |
| 24)                         | Chlordane-2     | 5.239 | 4.482 | 173.5E6 | 900.5E6  | 964.257  | 954.131 |
| 25)                         | Chlordane-3     | 5.943 | 5.121 | 734.6E6 | 2734.0E6 | 1000.873 | 966.834 |
| 26)                         | Chlordane-4     | 6.028 | 5.184 | 876.4E6 | 2328.2E6 | 991.003  | 959.414 |
| 27)                         | Chlordane-5     | 6.867 | 6.085 | 146.3E6 | 1091.0E6 | 985.034  | 962.264 |
| -----                       |                 |       |       |         |          |          |         |

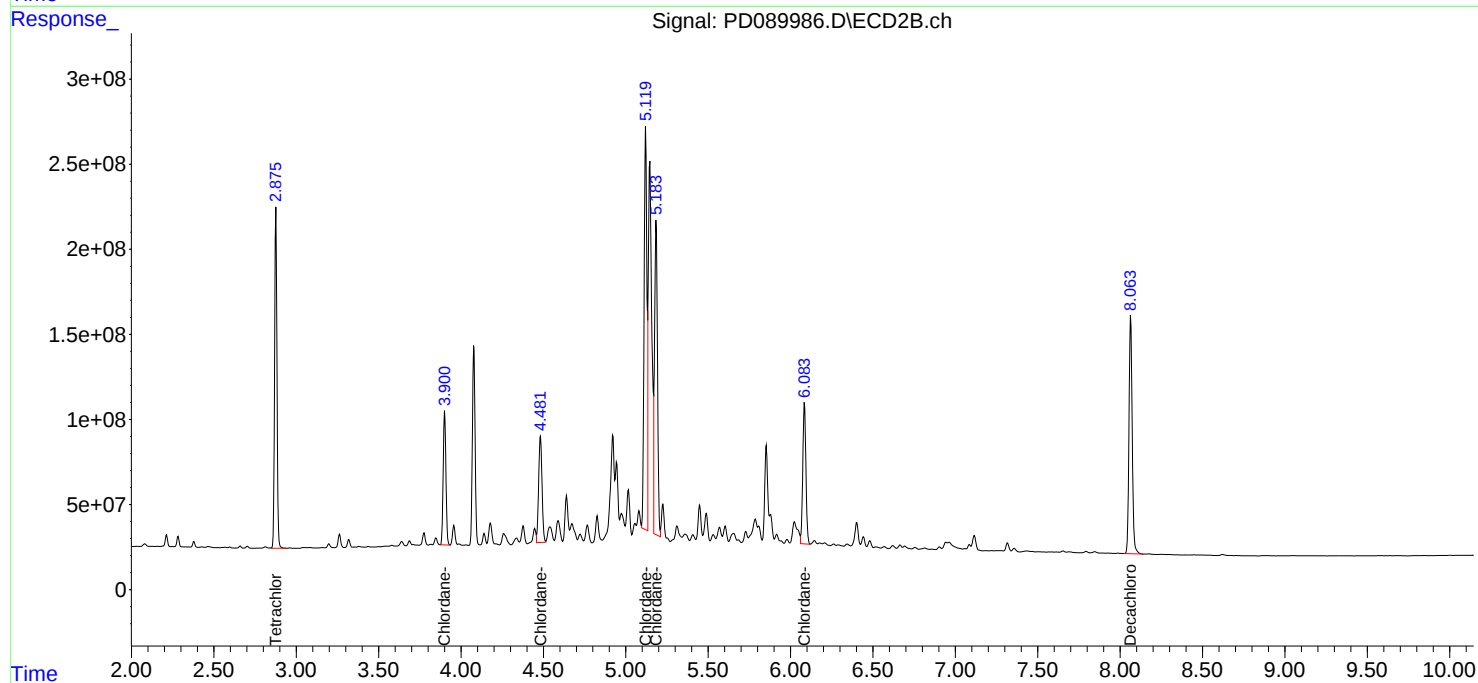
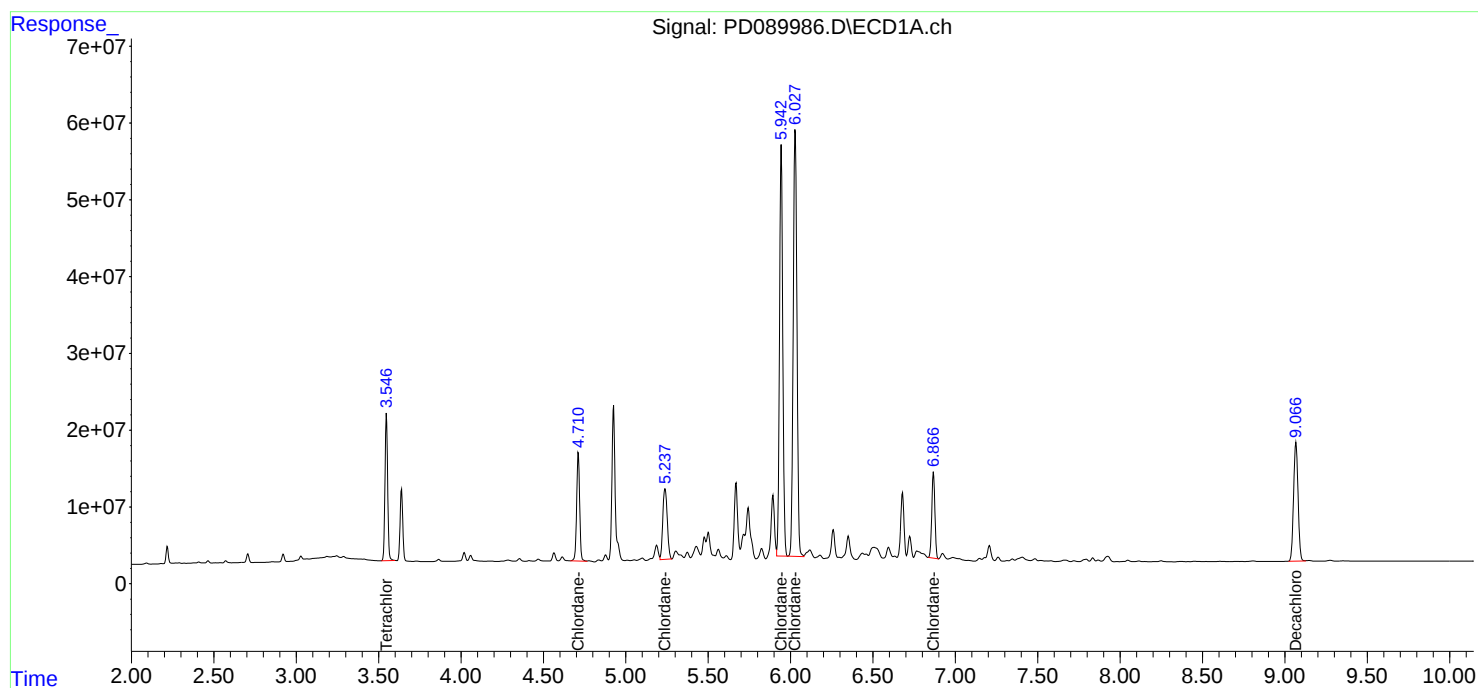
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

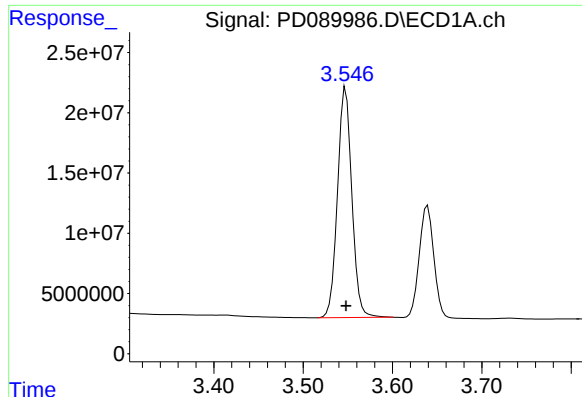
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
Data File : PD089986.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 10:30  
Operator : AR\AJ  
Sample : PCHLORICC1000  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 13:05:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:03:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

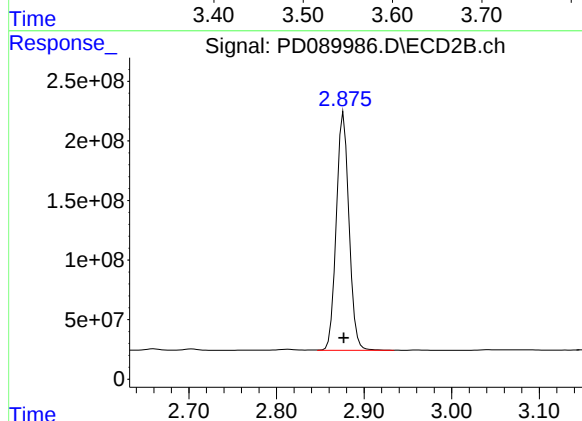




## #1 Tetrachloro-m-xylene

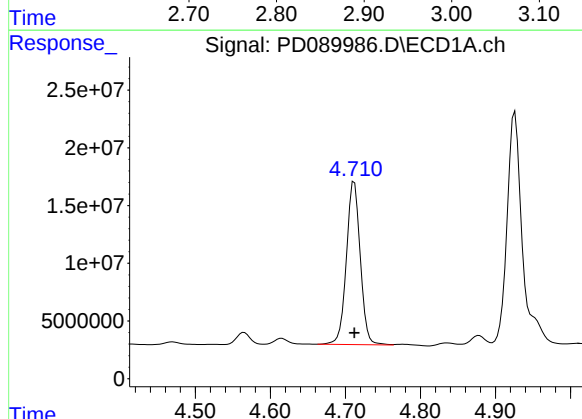
R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 213023800  
Conc: 98.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC1000



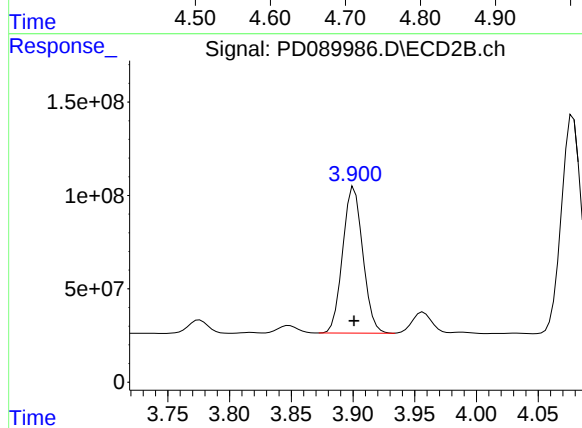
## #1 Tetrachloro-m-xylene

R.T.: 2.877 min  
Delta R.T.: 0.000 min  
Response: 2008459489  
Conc: 97.44 ng/ml



## #23 Chlordane-1

R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 181608215  
Conc: 992.77 ng/ml



## #23 Chlordane-1

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 887488686  
Conc: 966.75 ng/ml

Response\_ Signal: PD089986.D\ECD1A.ch

#24 Chlordane-2

R.T.: 5.239 min  
Delta R.T.: 0.000 min  
Response: 173499195  
Conc: 964.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC1000

Time 5.05 5.10 5.15 5.20 5.25 5.30 5.35 5.40

Response\_ Signal: PD089986.D\ECD2B.ch

#24 Chlordane-2

R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 900468222  
Conc: 954.13 ng/ml

Time 4.35 4.40 4.45 4.50 4.55 4.60

Response\_ Signal: PD089986.D\ECD1A.ch

#25 Chlordane-3

R.T.: 5.943 min  
Delta R.T.: 0.000 min  
Response: 734580261  
Conc: 1000.87 ng/ml

Time 5.75 5.80 5.85 5.90 5.95 6.00 6.05 6.10

Response\_ Signal: PD089986.D\ECD2B.ch

#25 Chlordane-3

R.T.: 5.121 min  
Delta R.T.: 0.000 min  
Response: 2734005257  
Conc: 966.83 ng/ml

Time 5.05 5.10 5.15 5.20

Response\_ Signal: PD089986.D\ECD1A.ch

#26 Chlordane-4

R.T.: 6.028 min  
Delta R.T.: 0.000 min  
Response: 876408044  
Conc: 991.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC1000

Time

Response\_ Signal: PD089986.D\ECD2B.ch

#26 Chlordane-4

R.T.: 5.184 min  
Delta R.T.: 0.000 min  
Response: 2328219422  
Conc: 959.41 ng/ml

Time

Response\_ Signal: PD089986.D\ECD1A.ch

#27 Chlordane-5

R.T.: 6.867 min  
Delta R.T.: 0.000 min  
Response: 146332088  
Conc: 985.03 ng/ml

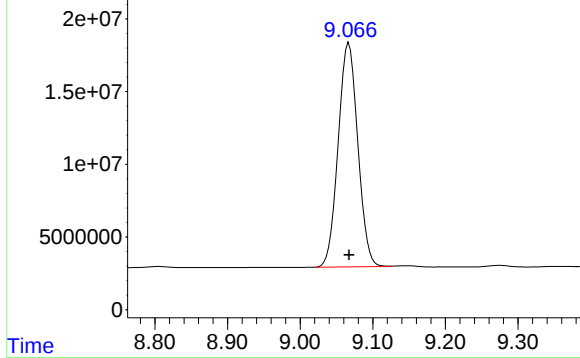
Time

Response\_ Signal: PD089986.D\ECD2B.ch

#27 Chlordane-5

R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 1091013214  
Conc: 962.26 ng/ml

Time



R.T.: 9.067 min  
Delta R.T.: 0.000 min  
Response: 289273621  
Conc: 94.36 ng/ml

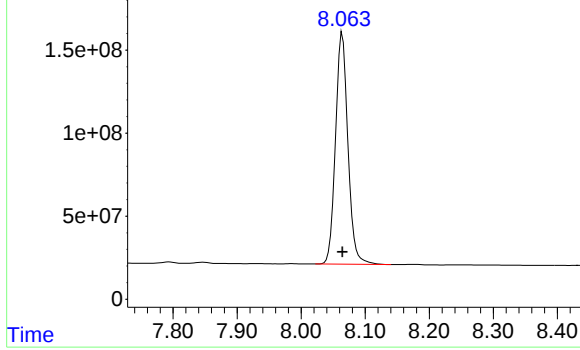
Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC1000

Time

Response\_

Signal: PD089986.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.064 min  
Delta R.T.: 0.000 min  
Response: 1875766141  
Conc: 95.19 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
Data File : PD089987.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 11:10  
Operator : AR\AJ  
Sample : PCHLORICC750  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 13:07:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:03:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|----------|---------|---------|
| -----                       |                 |       |       |         |          |         |         |
| System Monitoring Compounds |                 |       |       |         |          |         |         |
| 1)                          | SA Tetrachlo... | 3.552 | 2.876 | 160.2E6 | 1536.7E6 | 74.365  | 74.698  |
| 28)                         | SA Decachlor... | 9.073 | 8.067 | 225.5E6 | 1448.9E6 | 74.033  | 74.011  |
|                             |                 |       |       |         |          |         |         |
| Target Compounds            |                 |       |       |         |          |         |         |
| 23)                         | Chlordane-1     | 4.716 | 3.901 | 133.8E6 | 680.9E6  | 737.394 | 744.476 |
| 24)                         | Chlordane-2     | 5.243 | 4.482 | 133.3E6 | 697.2E6  | 743.938 | 742.480 |
| 25)                         | Chlordane-3     | 5.948 | 5.121 | 547.4E6 | 2094.7E6 | 747.177 | 743.819 |
| 26)                         | Chlordane-4     | 6.033 | 5.185 | 657.1E6 | 1798.2E6 | 745.312 | 743.970 |
| 27)                         | Chlordane-5     | 6.872 | 6.085 | 110.1E6 | 838.1E6  | 743.931 | 742.759 |
| -----                       |                 |       |       |         |          |         |         |

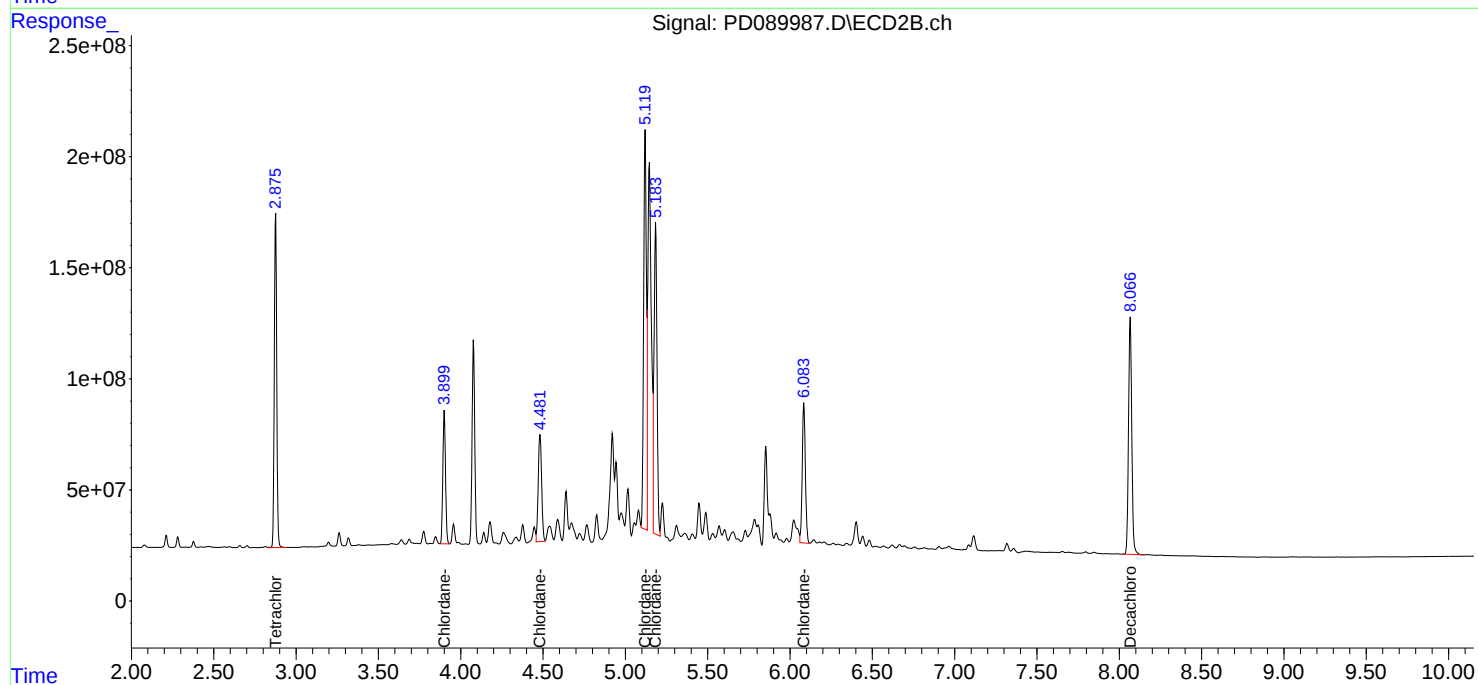
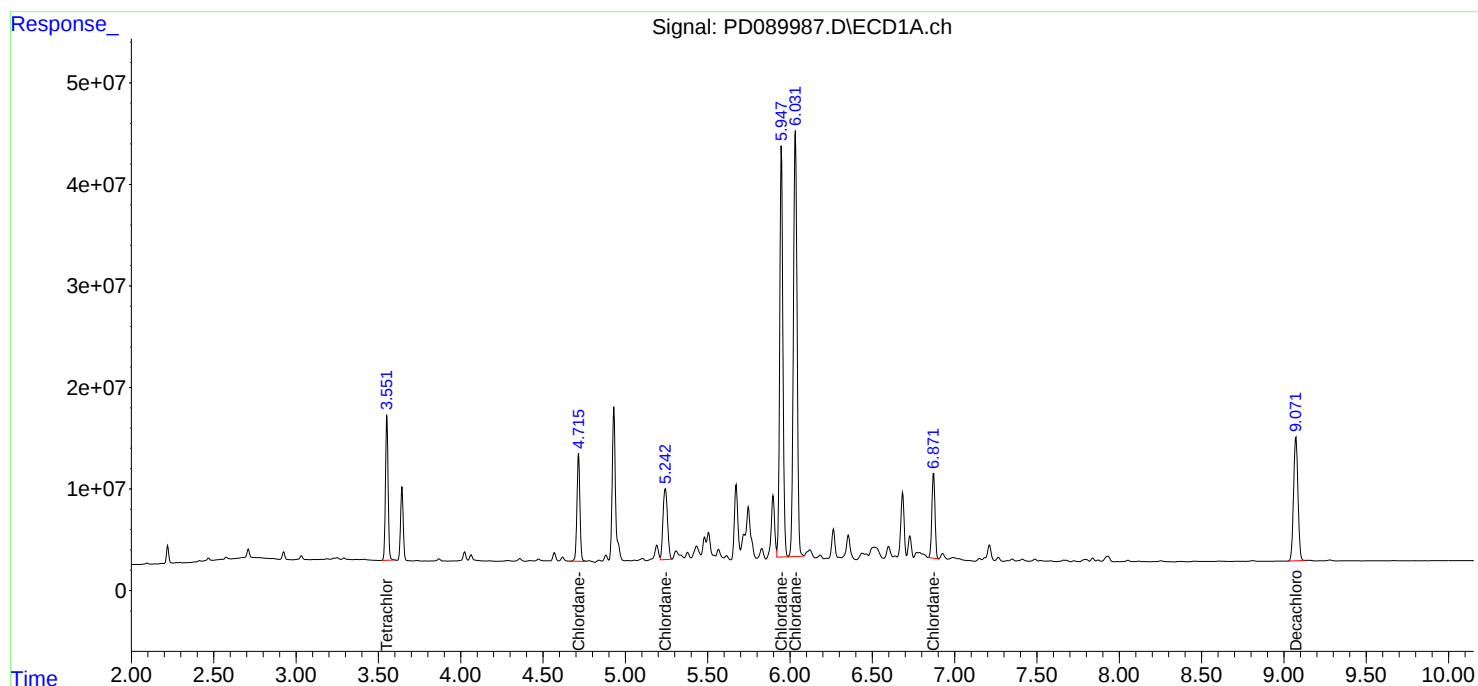
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

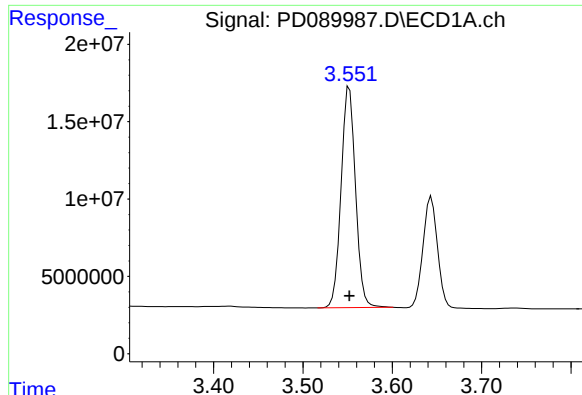
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
Data File : PD089987.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 11:10  
Operator : AR\AJ  
Sample : PCHLORICC750  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 13:07:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:03:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

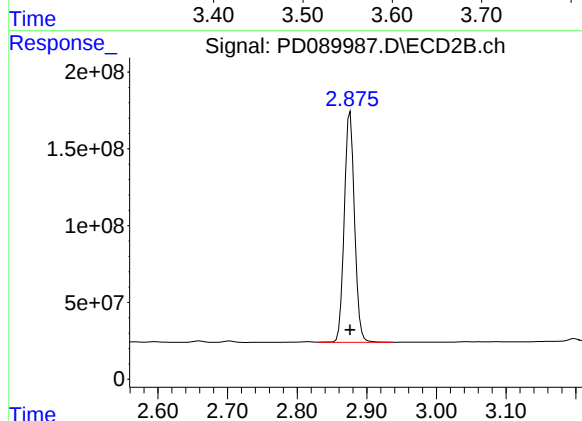




## #1 Tetrachloro-m-xylene

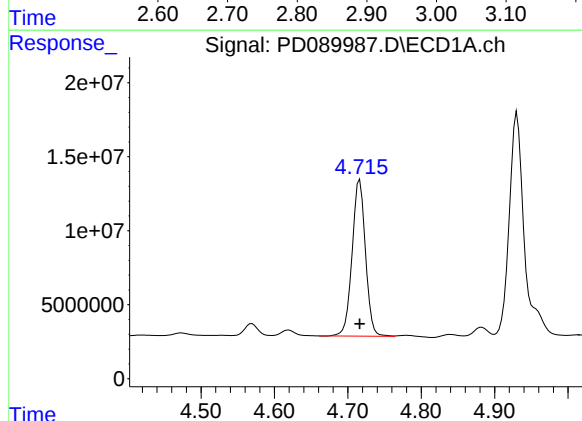
R.T.: 3.552 min  
Delta R.T.: 0.000 min  
Response: 160192305  
Conc: 74.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC750



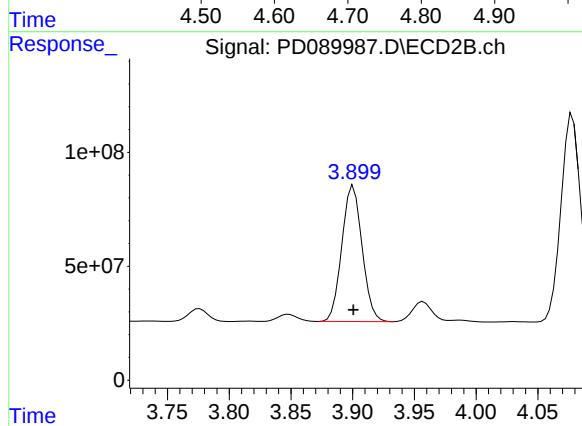
## #1 Tetrachloro-m-xylene

R.T.: 2.876 min  
Delta R.T.: 0.000 min  
Response: 1536685842  
Conc: 74.70 ng/ml



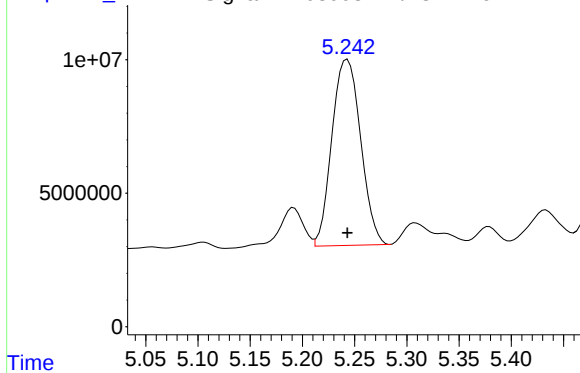
## #23 Chlordane-1

R.T.: 4.716 min  
Delta R.T.: 0.000 min  
Response: 133767438  
Conc: 737.39 ng/ml



## #23 Chlordane-1

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 680929241  
Conc: 744.48 ng/ml



R.T.: 5.243 min  
Delta R.T.: 0.000 min  
Response: 133318353  
Conc: 743.94 ng/ml

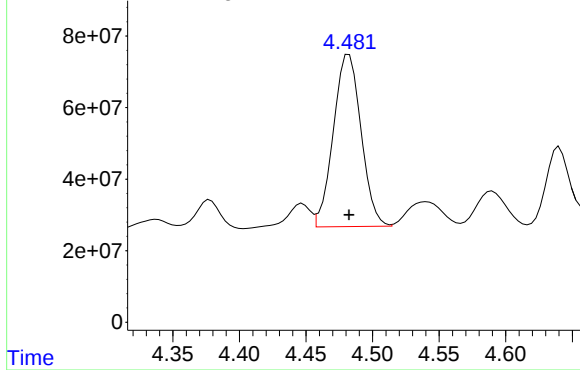
Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC750

Time

Response\_

Signal: PD089987.D\ECD2B.ch

#24 Chlordane-2



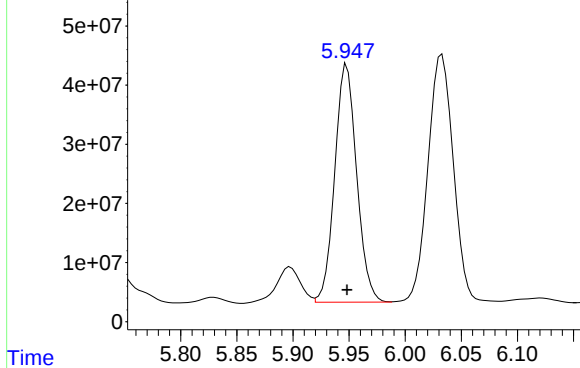
R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 697225804  
Conc: 742.48 ng/ml

Time

Response\_

Signal: PD089987.D\ECD1A.ch

#25 Chlordane-3



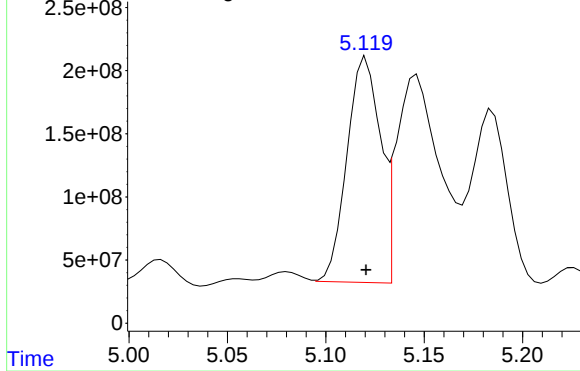
R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 547352282  
Conc: 747.18 ng/ml

Time

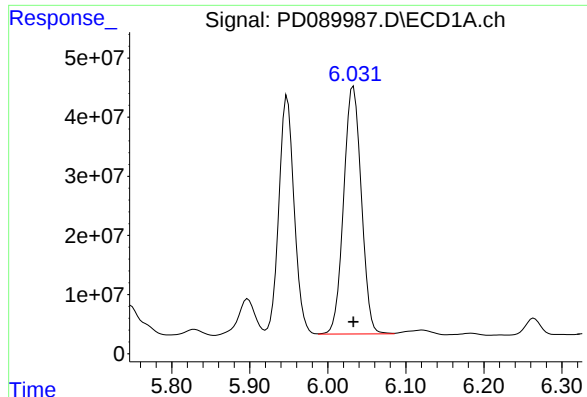
Response\_

Signal: PD089987.D\ECD2B.ch

#25 Chlordane-3



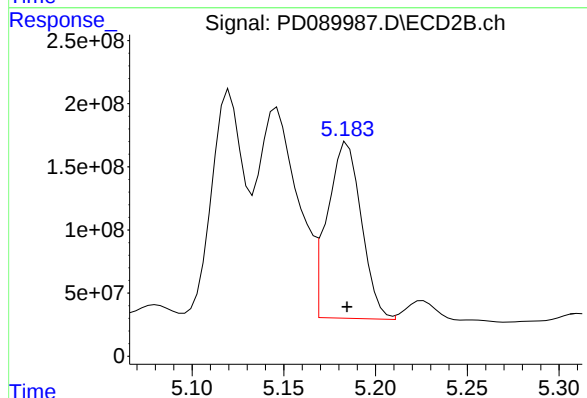
R.T.: 5.121 min  
Delta R.T.: 0.000 min  
Response: 2094732756  
Conc: 743.82 ng/ml



#26 Chlordane-4

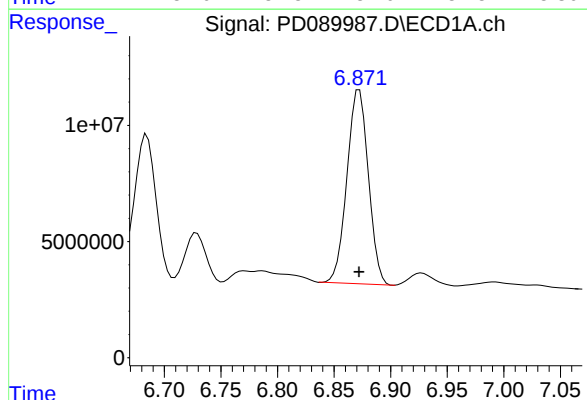
R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 657073207  
Conc: 745.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC750



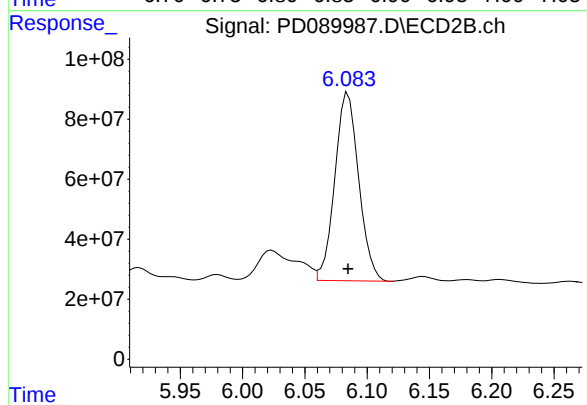
#26 Chlordane-4

R.T.: 5.185 min  
Delta R.T.: 0.000 min  
Response: 1798170679  
Conc: 743.97 ng/ml



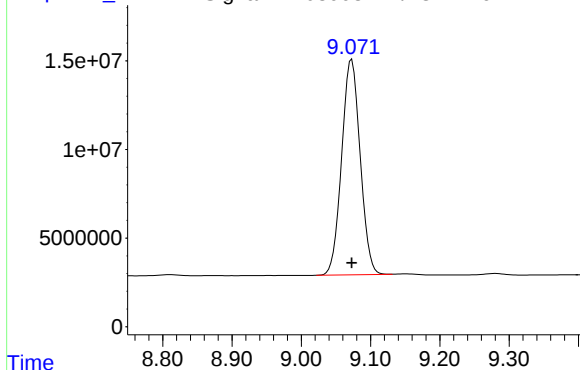
#27 Chlordane-5

R.T.: 6.872 min  
Delta R.T.: 0.000 min  
Response: 110069468  
Conc: 743.93 ng/ml



#27 Chlordane-5

R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 838092830  
Conc: 742.76 ng/ml



R.T.: 9.073 min  
Delta R.T.: 0.000 min  
Response: 225512430  
Conc: 74.03 ng/ml

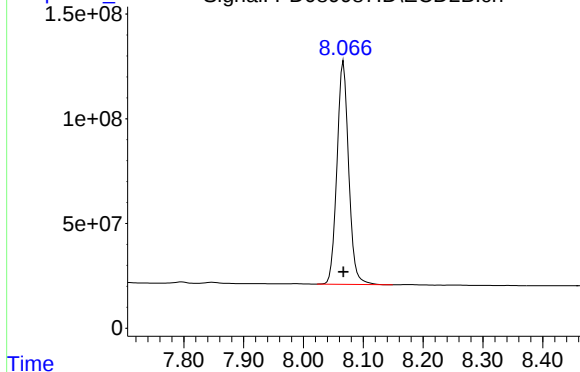
Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC750

Time

Response

Signal: PD089987.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.067 min  
Delta R.T.: 0.000 min  
Response: 1448874185  
Conc: 74.01 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
 Data File : PD089988.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Aug 2025 11:24  
 Operator : AR\AJ  
 Sample : PCHLORICC500  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 13:03:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:03:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.549 | 2.876 | 109.8E6  | 1057.1E6 | 50.000  | 50.000  |
| 28)                         | SA Decachlor... | 9.068 | 8.064 | 161.9E6  | 1032.7E6 | 50.000  | 50.000  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 23)                         | Chlordane-1     | 4.713 | 3.901 | 92125896 | 474.3E6  | 500.000 | 500.000 |
| 24)                         | Chlordane-2     | 5.239 | 4.482 | 93180795 | 493.5E6  | 500.000 | 500.000 |
| 25)                         | Chlordane-3     | 5.944 | 5.120 | 366.6E6  | 1460.8E6 | 500.000 | 500.000 |
| 26)                         | Chlordane-4     | 6.029 | 5.184 | 446.2E6  | 1262.6E6 | 500.000 | 500.000 |
| 27)                         | Chlordane-5     | 6.868 | 6.084 | 75389263 | 588.3E6  | 500.000 | 500.000 |
| -----                       |                 |       |       |          |          |         |         |

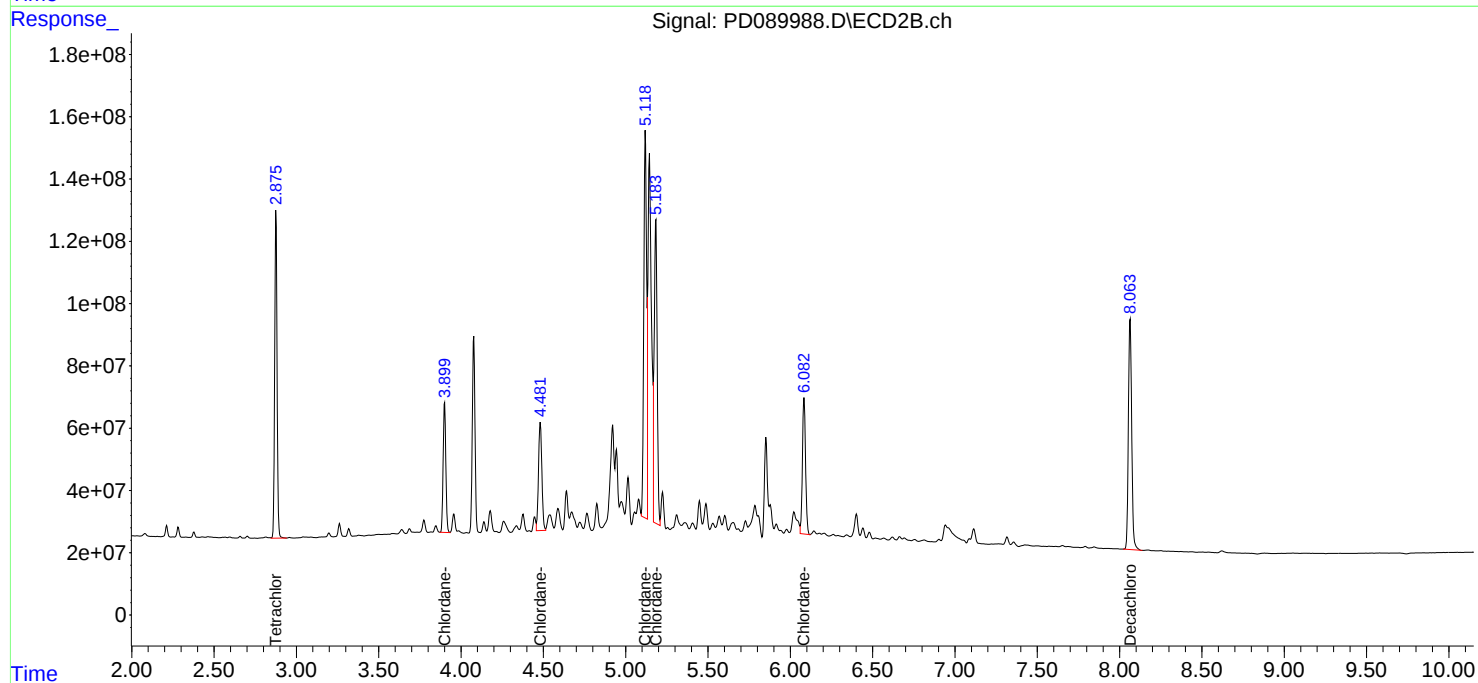
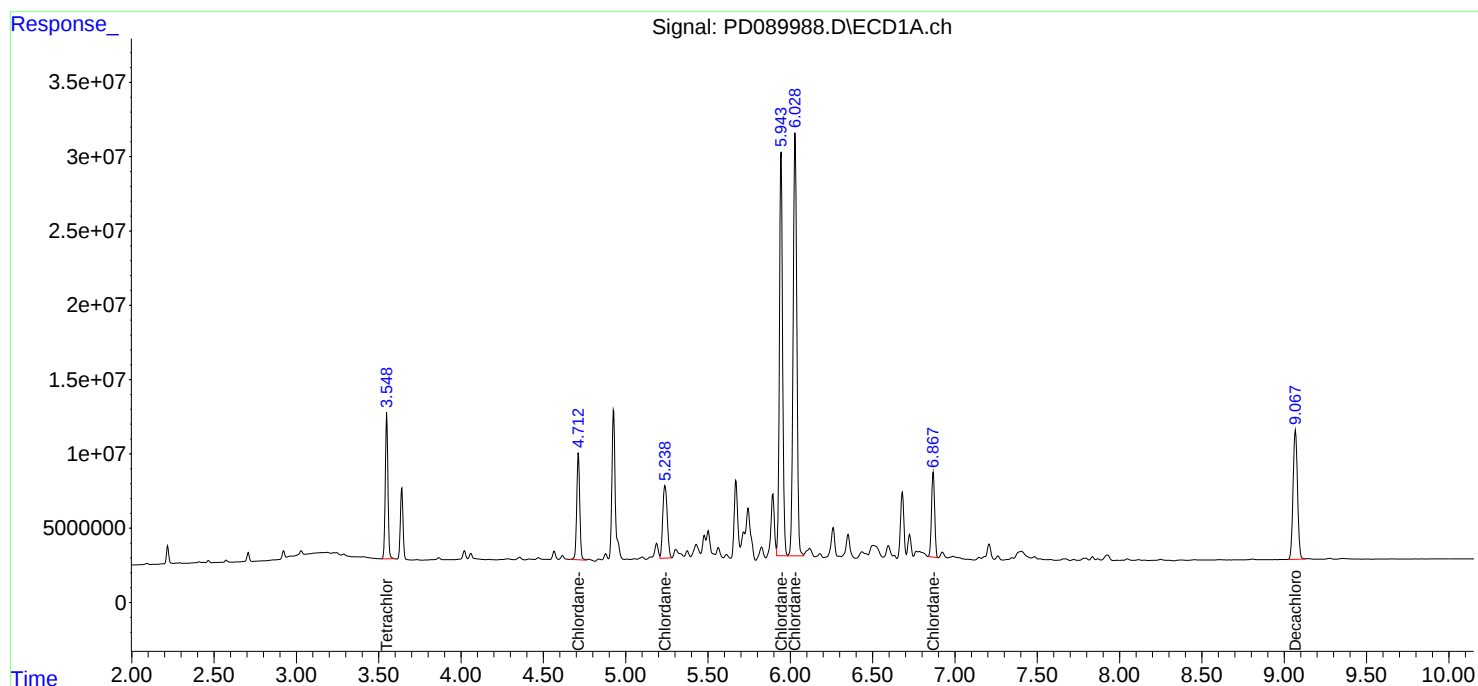
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

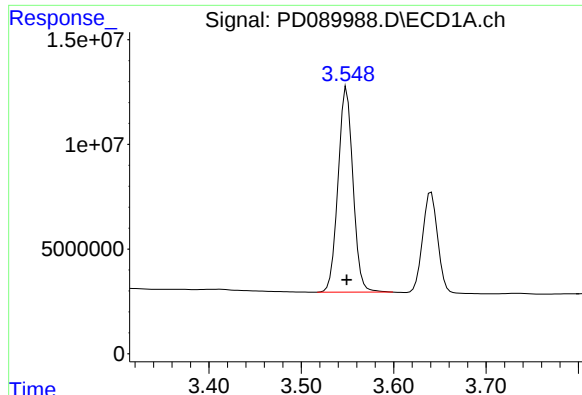
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
Data File : PD089988.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 11:24  
Operator : AR\AJ  
Sample : PCHLORICC500  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 13:03:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:03:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

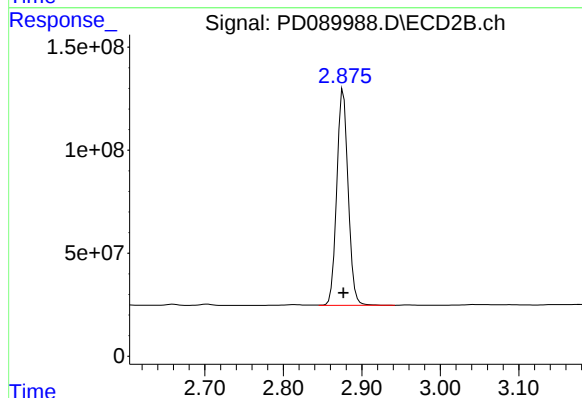




## #1 Tetrachloro-m-xylene

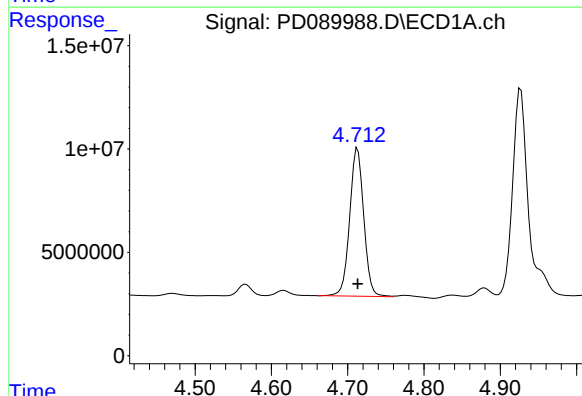
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 109813767  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC500



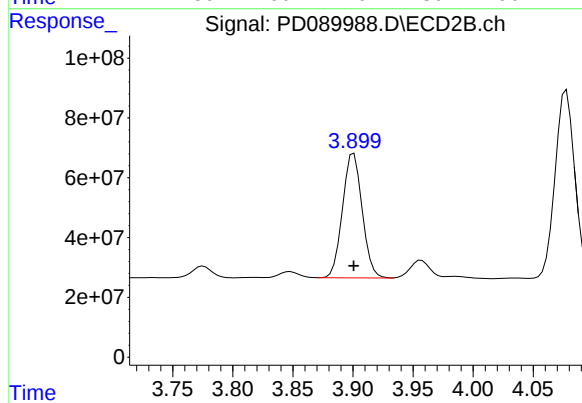
## #1 Tetrachloro-m-xylene

R.T.: 2.876 min  
Delta R.T.: 0.000 min  
Response: 1057096075  
Conc: 50.00 ng/ml



## #23 Chlordane-1

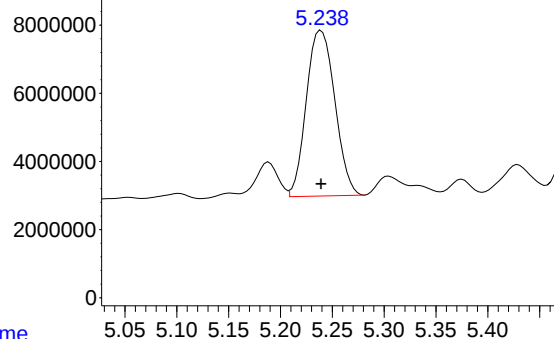
R.T.: 4.713 min  
Delta R.T.: 0.000 min  
Response: 92125896  
Conc: 500.00 ng/ml



## #23 Chlordane-1

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 474266214  
Conc: 500.00 ng/ml

Response\_ Signal: PD089988.D\ECD1A.ch

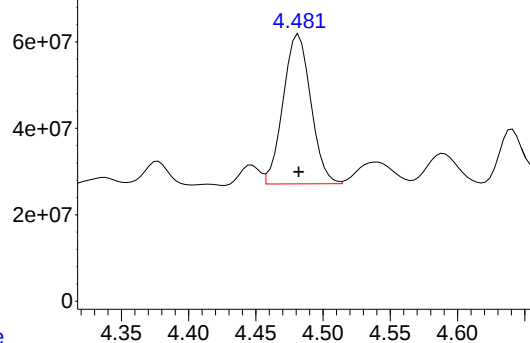


#24 Chlordane-2

R.T.: 5.239 min  
Delta R.T.: 0.000 min  
Response: 93180795  
Conc: 500.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC500

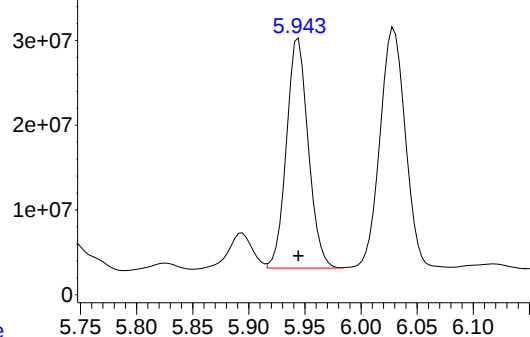
Time Response\_ Signal: PD089988.D\ECD2B.ch



#24 Chlordane-2

R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 493523178  
Conc: 500.00 ng/ml

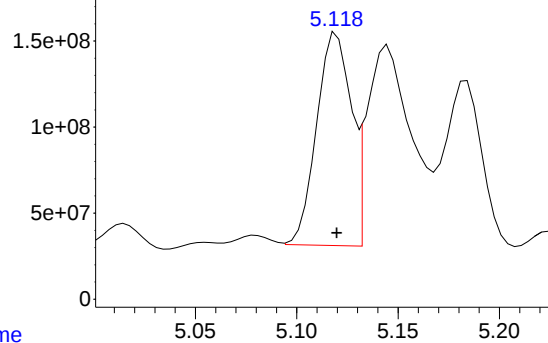
Time Response\_ Signal: PD089988.D\ECD1A.ch



#25 Chlordane-3

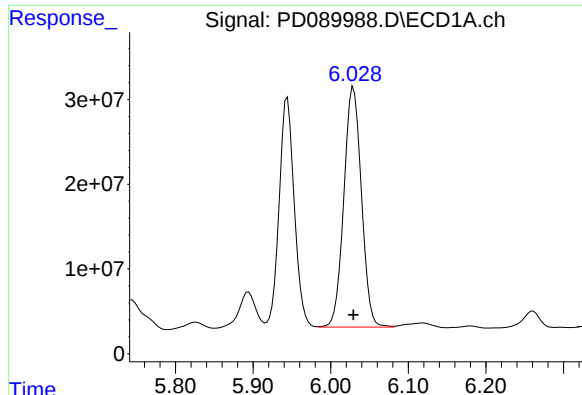
R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 366649042  
Conc: 500.00 ng/ml

Time Response\_ Signal: PD089988.D\ECD2B.ch



#25 Chlordane-3

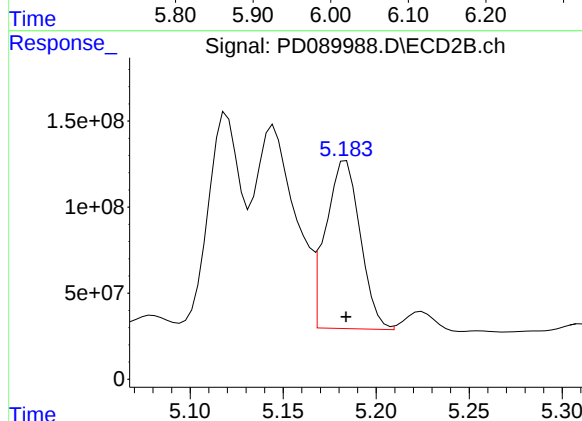
R.T.: 5.120 min  
Delta R.T.: 0.000 min  
Response: 1460789048  
Conc: 500.00 ng/ml



#26 Chlordane-4

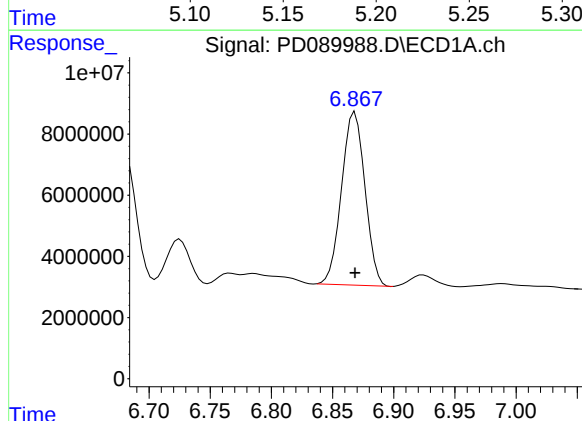
R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 446160270  
Conc: 500.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC500



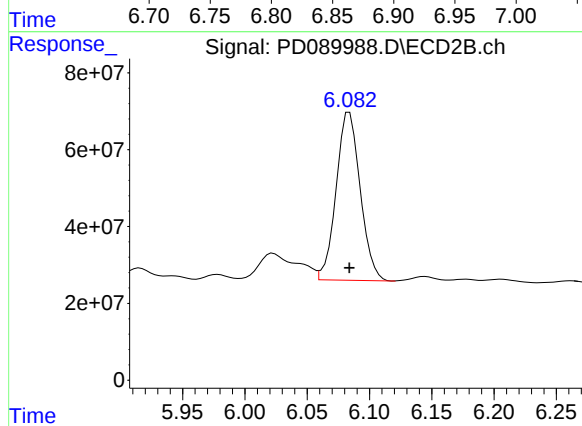
#26 Chlordane-4

R.T.: 5.184 min  
Delta R.T.: 0.000 min  
Response: 1262600245  
Conc: 500.00 ng/ml



#27 Chlordane-5

R.T.: 6.868 min  
Delta R.T.: 0.000 min  
Response: 75389263  
Conc: 500.00 ng/ml



#27 Chlordane-5

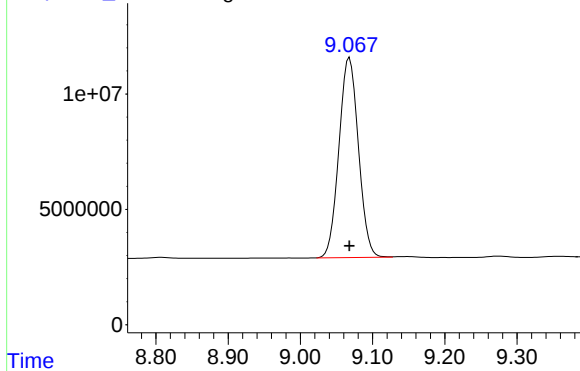
R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 588291533  
Conc: 500.00 ng/ml

Response\_

Signal: PD089988.D\ECD1A.ch

#28 Decachlorobiphenyl

ICAL Form



R.T.: 9.068 min  
Delta R.T.: 0.000 min  
Response: 161936087  
Conc: 50.00 ng/ml

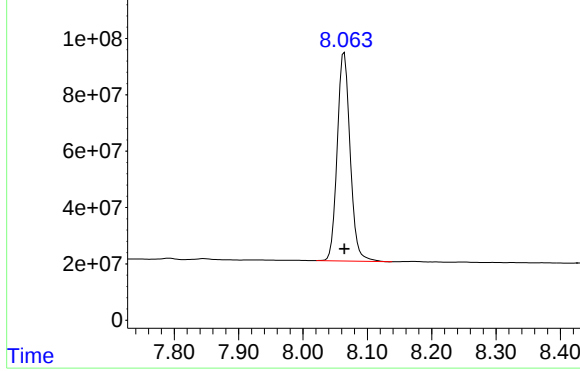
Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC500

Time

Response\_

Signal: PD089988.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.064 min  
Delta R.T.: 0.000 min  
Response: 1032683856  
Conc: 50.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
Data File : PD089989.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 11:37  
Operator : AR\AJ  
Sample : PCHLORICC250  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 13:09:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:03:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 1) SA Tetrachlo...          | 3.548 | 2.877 | 54140886 | 521.8E6 | 25.100  | 25.272  |
| 28) SA Decachlor...         | 9.068 | 8.065 | 84712007 | 535.1E6 | 27.050  | 26.710  |
|                             |       |       |          |         |         |         |
| Target Compounds            |       |       |          |         |         |         |
| 23) Chlordane-1             | 4.711 | 3.901 | 44921056 | 237.6E6 | 248.217 | 257.223 |
| 24) Chlordane-2             | 5.238 | 4.482 | 47242413 | 255.0E6 | 260.078 | 265.832 |
| 25) Chlordane-3             | 5.943 | 5.120 | 170.6E6  | 735.3E6 | 236.901 | 258.228 |
| 26) Chlordane-4             | 6.029 | 5.184 | 211.8E6  | 635.2E6 | 242.641 | 259.483 |
| 27) Chlordane-5             | 6.867 | 6.084 | 36496936 | 293.3E6 | 247.497 | 257.397 |
| -----                       |       |       |          |         |         |         |

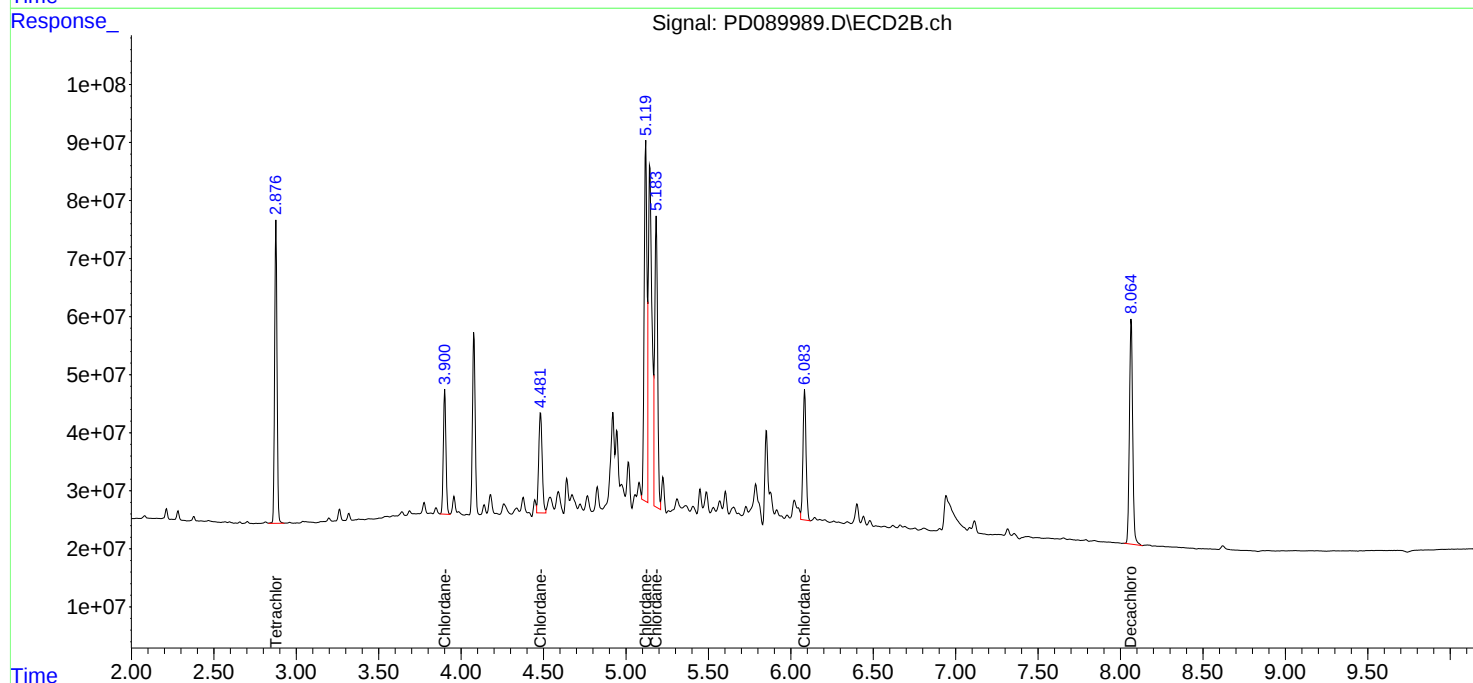
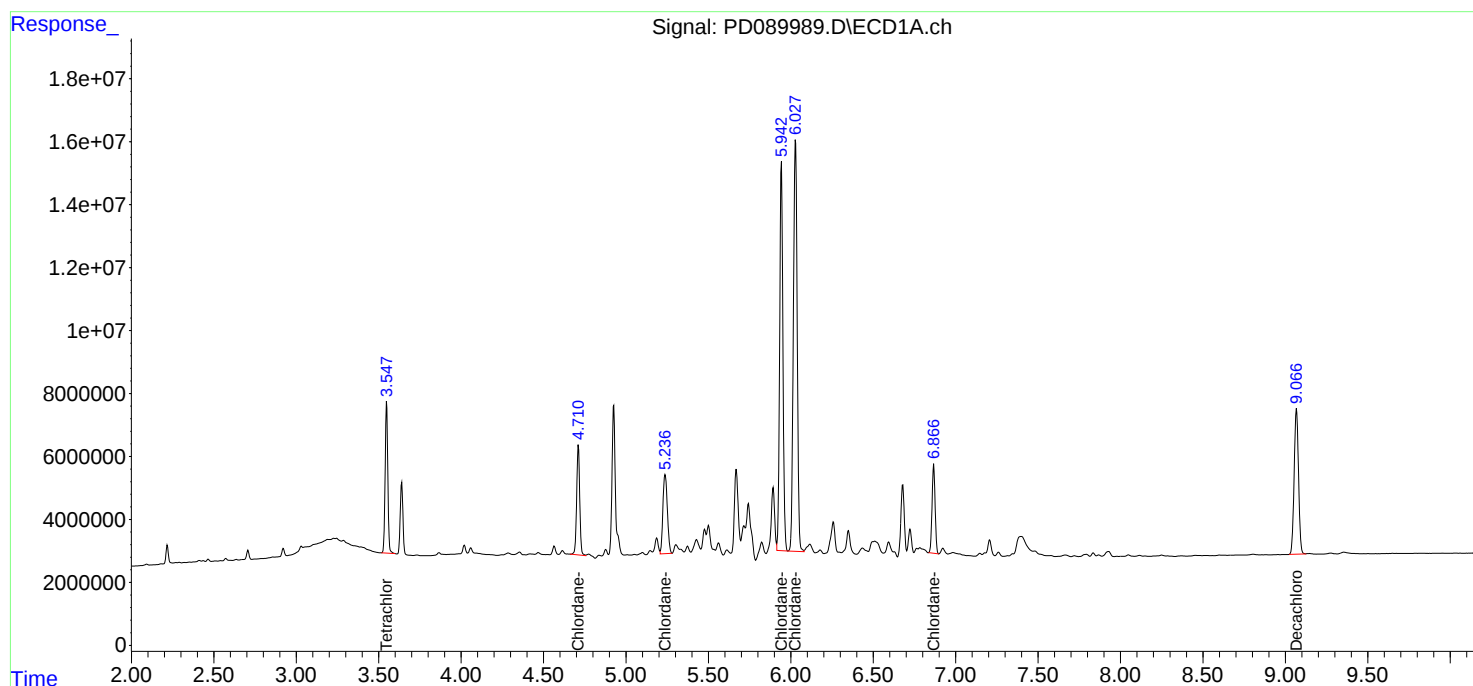
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

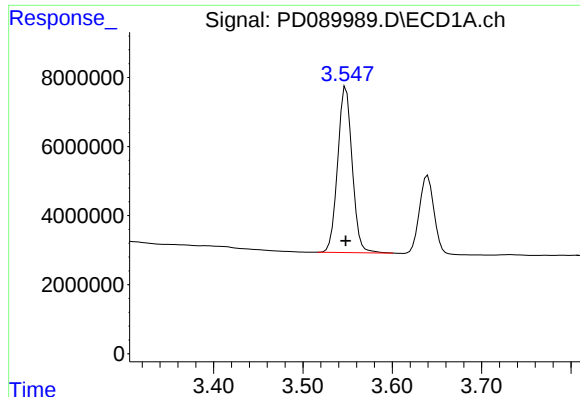
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
Data File : PD089989.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 11:37  
Operator : AR\AJ  
Sample : PCHLORICC250  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 13:09:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:03:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

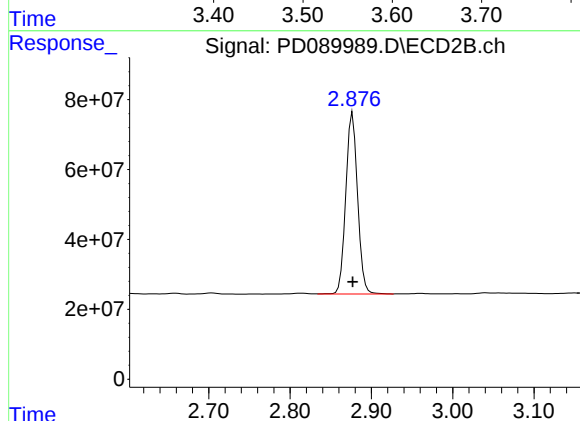




## #1 Tetrachloro-m-xylene

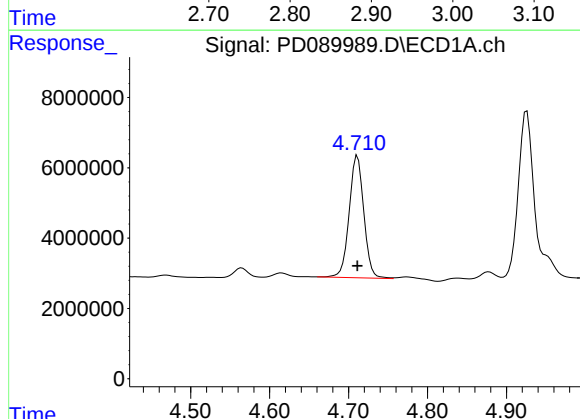
R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 54140886  
Conc: 25.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC250



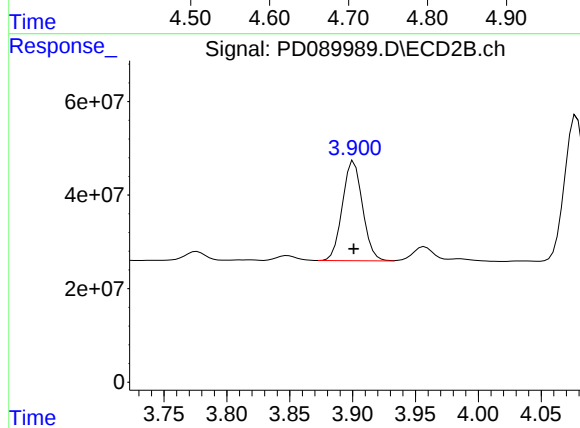
## #1 Tetrachloro-m-xylene

R.T.: 2.877 min  
Delta R.T.: 0.000 min  
Response: 521771959  
Conc: 25.27 ng/ml



## #23 Chlordane-1

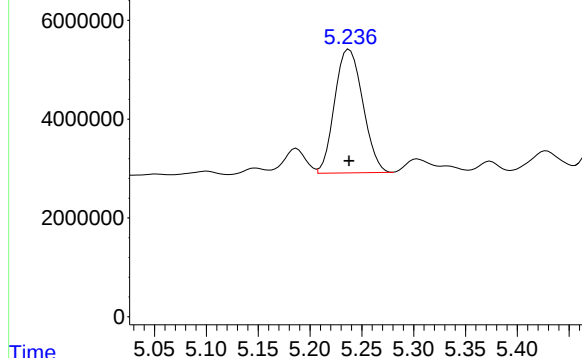
R.T.: 4.711 min  
Delta R.T.: 0.000 min  
Response: 44921056  
Conc: 248.22 ng/ml



## #23 Chlordane-1

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 237555319  
Conc: 257.22 ng/ml

Response\_ Signal: PD089989.D\ECD1A.ch

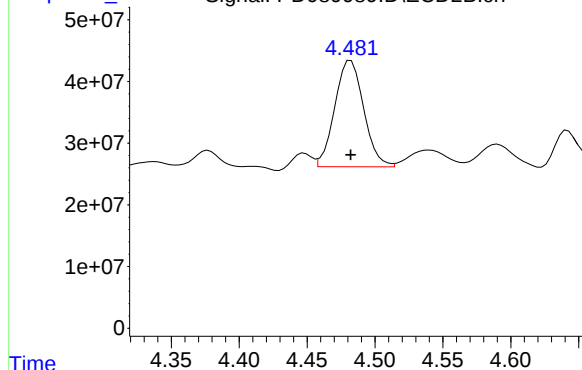


#24 Chlordane-2

R.T.: 5.238 min  
Delta R.T.: 0.000 min  
Response: 47242413  
Conc: 260.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC250

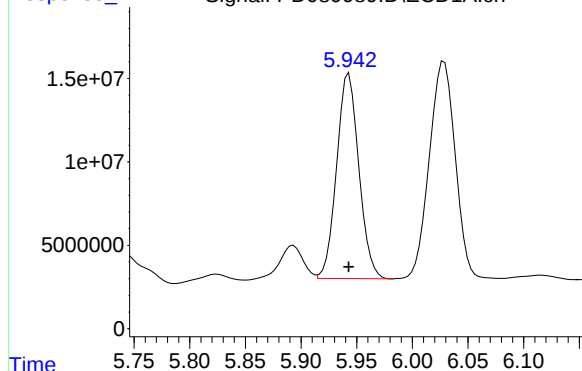
Time Response\_ Signal: PD089989.D\ECD2B.ch



#24 Chlordane-2

R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 255011985  
Conc: 265.83 ng/ml

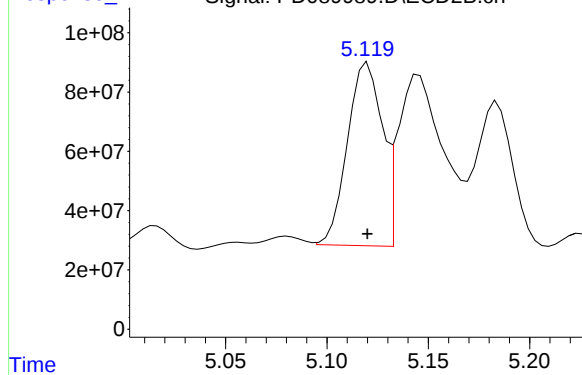
Time Response\_ Signal: PD089989.D\ECD1A.ch



#25 Chlordane-3

R.T.: 5.943 min  
Delta R.T.: 0.000 min  
Response: 170564875  
Conc: 236.90 ng/ml

Time Response\_ Signal: PD089989.D\ECD2B.ch



#25 Chlordane-3

R.T.: 5.120 min  
Delta R.T.: 0.000 min  
Response: 735283180  
Conc: 258.23 ng/ml

Response\_

Signal: PD089989.D\ECD1A.ch

#26 Chlordane-4

R.T.: 6.029 min

Delta R.T.: 0.000 min

Response: 211835785

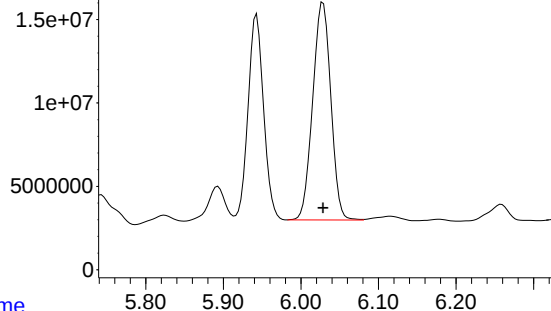
Conc: 242.64 ng/ml

Instrument :

ECD\_D

ClientSampleId :

PCHLORICC250



Time

Response\_

Signal: PD089989.D\ECD2B.ch

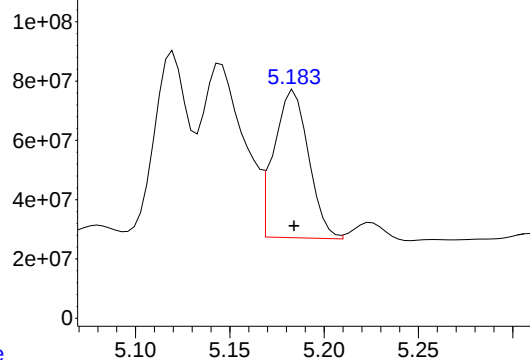
#26 Chlordane-4

R.T.: 5.184 min

Delta R.T.: 0.000 min

Response: 635200327

Conc: 259.48 ng/ml



Time

Response\_

Signal: PD089989.D\ECD1A.ch

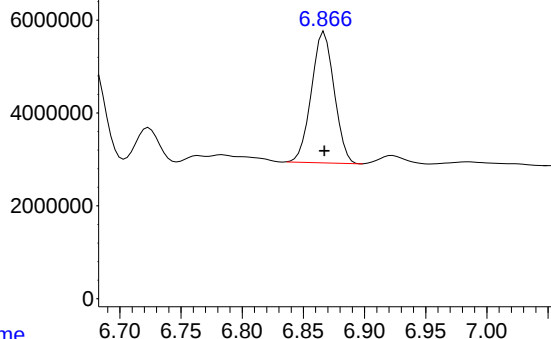
#27 Chlordane-5

R.T.: 6.867 min

Delta R.T.: 0.000 min

Response: 36496936

Conc: 247.50 ng/ml



Time

Response\_

Signal: PD089989.D\ECD2B.ch

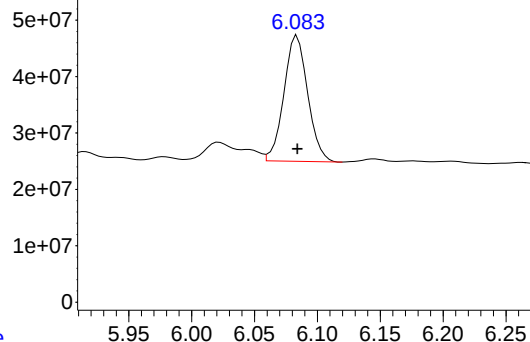
#27 Chlordane-5

R.T.: 6.084 min

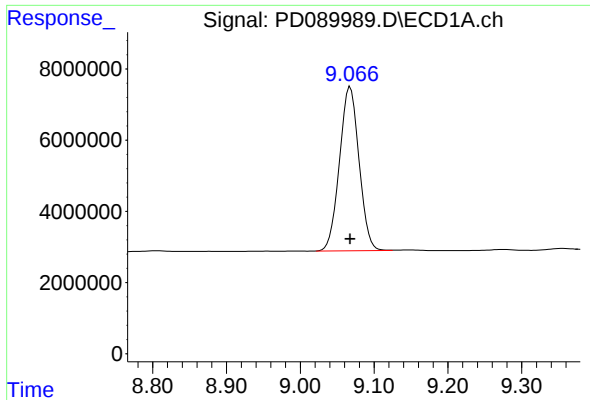
Delta R.T.: 0.000 min

Response: 293326941

Conc: 257.40 ng/ml



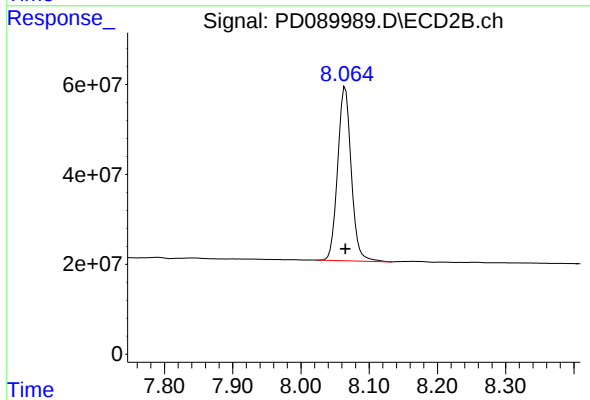
Time



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.000 min  
Response: 84712007  
Conc: 27.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC250



#28 Decachlorobiphenyl

R.T.: 8.065 min  
Delta R.T.: 0.000 min  
Response: 535080575  
Conc: 26.71 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
 Data File : PD089990.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Aug 2025 11:51  
 Operator : AR\AJ  
 Sample : PCHLORICC050  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORICC050

### Manual Integrations APPROVED

Reviewed By : Abdul Mirza 08/20/2025  
 Supervised By : mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 13:12:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:03:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-------|-------|----------|----------|---------|--------|
| -----                       |       |       |          |          |         |        |
| System Monitoring Compounds |       |       |          |          |         |        |
| 1) SA Tetrachlo...          | 3.548 | 2.877 | 8167709  | 77387807 | 3.980   | 3.946  |
| 28) SA Decachlor...         | 9.067 | 8.065 | 16335402 | 105.9E6  | 5.171   | 5.301  |
| Target Compounds            |       |       |          |          |         |        |
| 23) Chlordane-1             | 4.710 | 3.901 | 6741447  | 37525313 | 39.213m | 42.214 |
| 24) Chlordane-2             | 5.238 | 4.482 | 7675996  | 47628411 | 43.608  | 50.950 |
| 25) Chlordane-3             | 5.942 | 5.120 | 25553823 | 123.3E6  | 37.679  | 44.481 |
| 26) Chlordane-4             | 6.028 | 5.184 | 32953372 | 112.1E6  | 39.691  | 46.591 |
| 27) Chlordane-5             | 6.867 | 6.083 | 5546188  | 47074152 | 39.571  | 42.796 |
| -----                       |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
Data File : PD089990.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 11:51  
Operator : AR\AJ  
Sample : PCHLORICC050  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

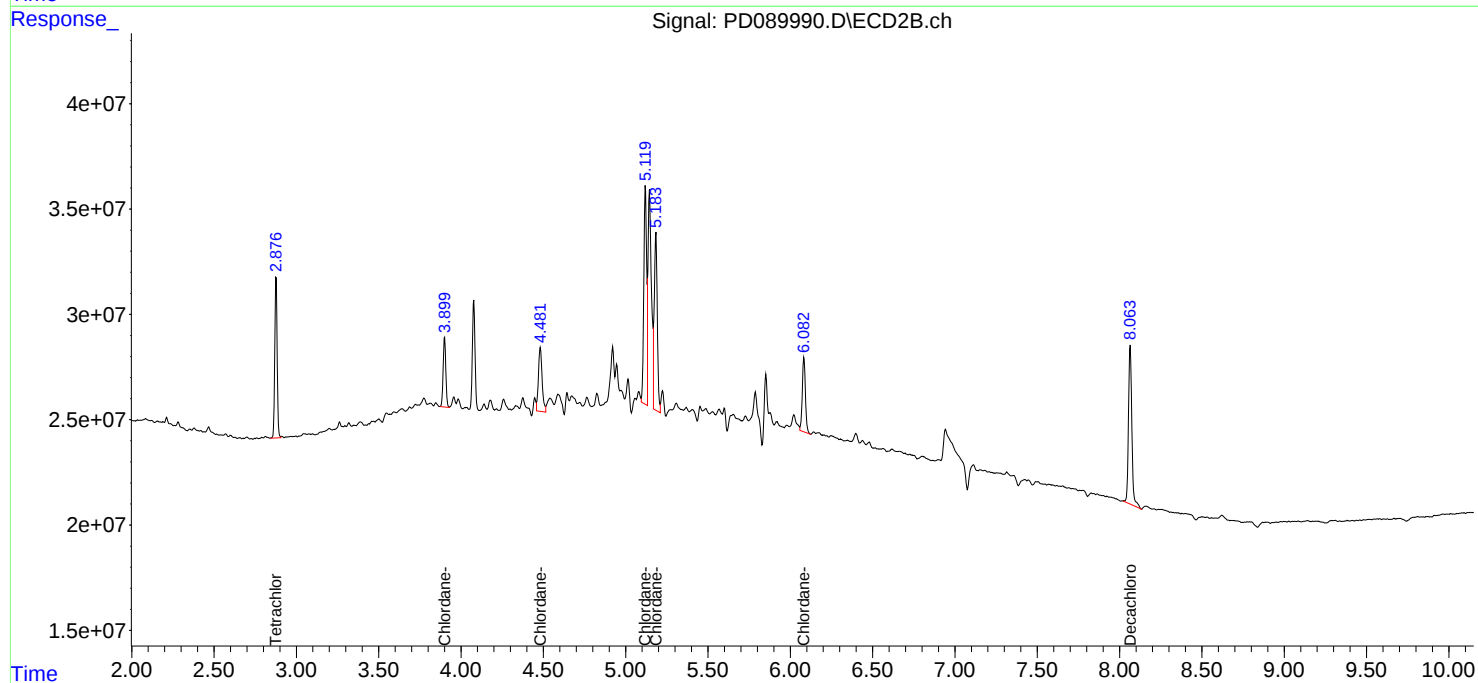
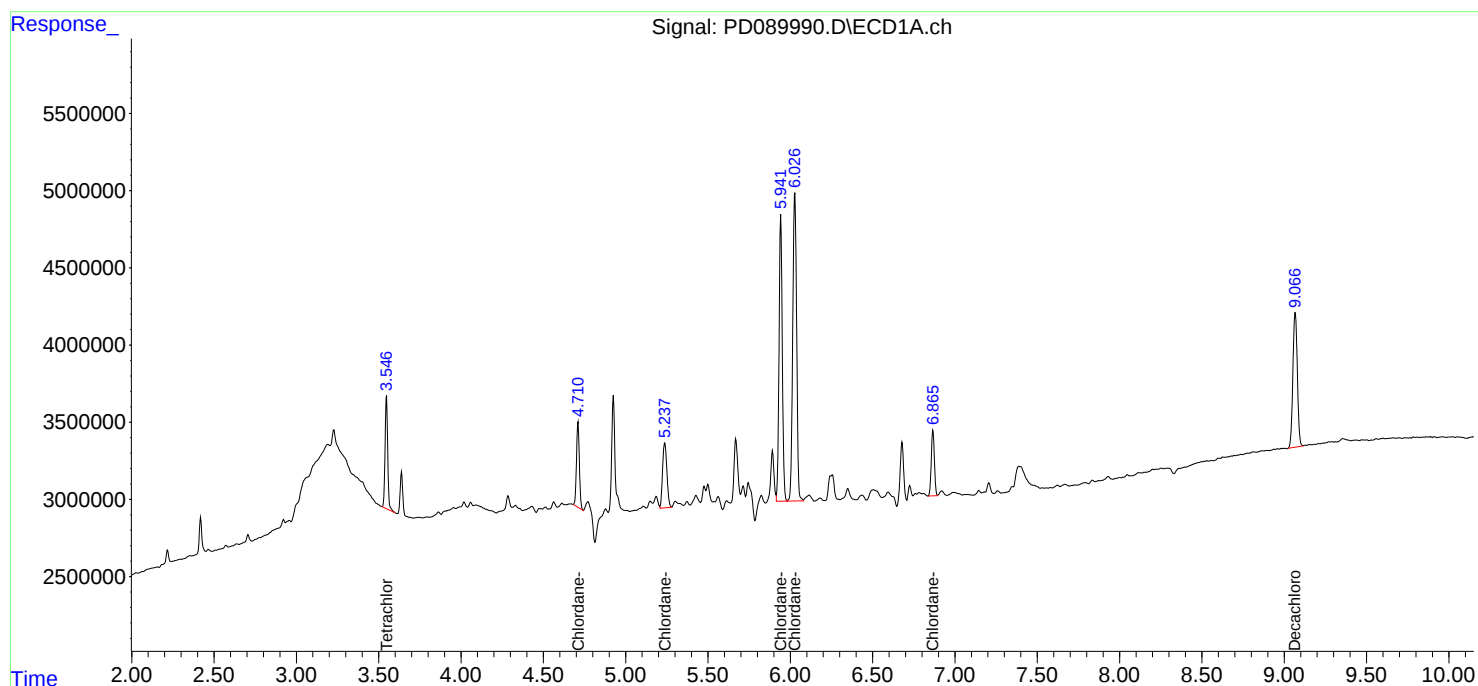
Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC050

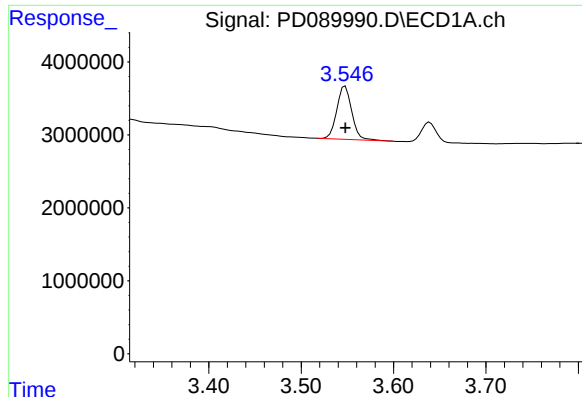
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/20/2025  
Supervised By :mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 13:12:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:03:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





## #1 Tetrachloro-m-xylene

R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 8167709  
Conc: 3.98 ng/ml

Instrument :

ECD\_D

ClientSampleId :

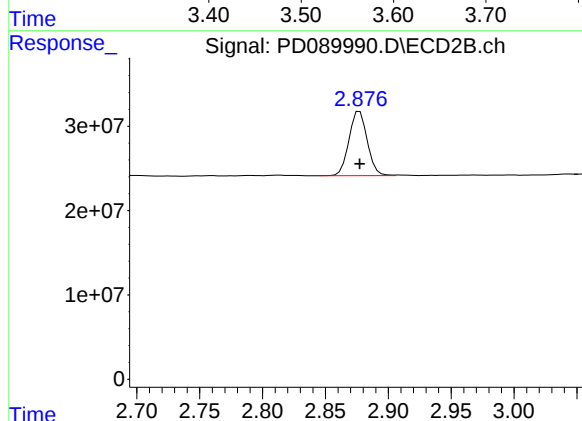
PCHLORICC050

## Manual Integrations

APPROVED

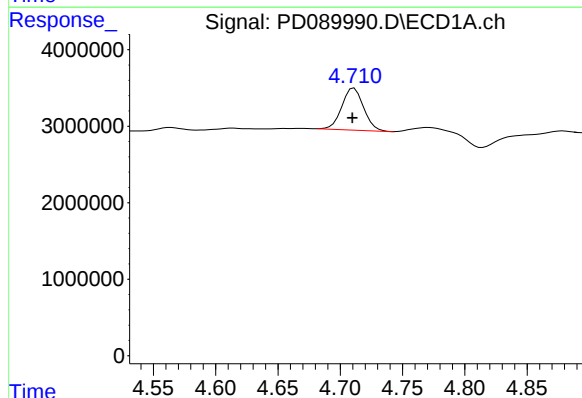
Reviewed By :Abdul Mirza 08/20/2025

Supervised By :mohammad ahmed 08/22/2025



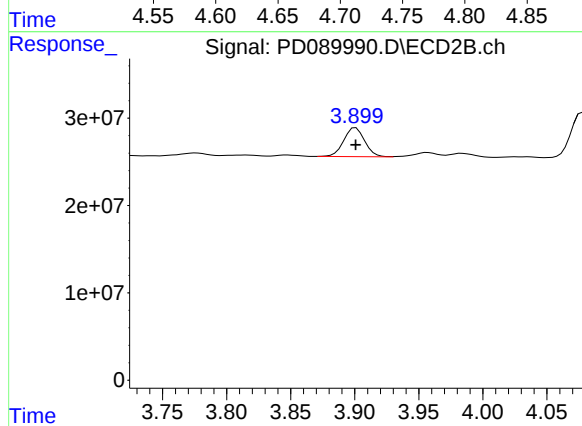
## #1 Tetrachloro-m-xylene

R.T.: 2.877 min  
Delta R.T.: 0.000 min  
Response: 77387807  
Conc: 3.95 ng/ml



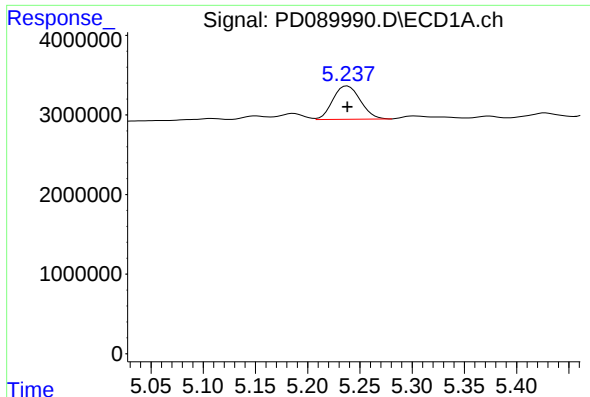
## #23 Chlordane-1

R.T.: 4.710 min  
Delta R.T.: 0.000 min  
Response: 6741447  
Conc: 39.21 ng/ml m



## #23 Chlordane-1

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 37525313  
Conc: 42.21 ng/ml



#24 Chlordane-2

R.T.: 5.238 min  
Delta R.T.: 0.000 min  
Response: 7675996  
Conc: 43.61 ng/ml

Instrument :

ECD\_D

ClientSampleId :

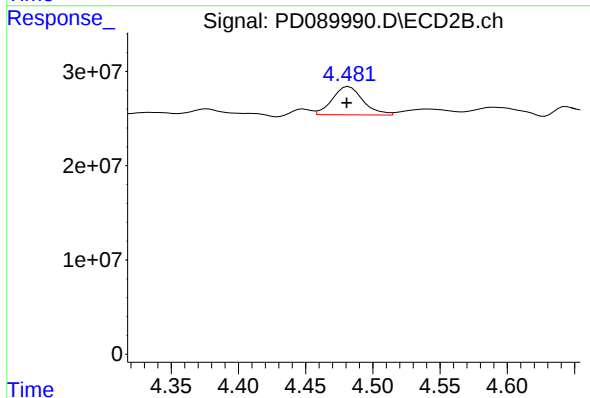
PCHLORICC050

Manual Integrations

APPROVED

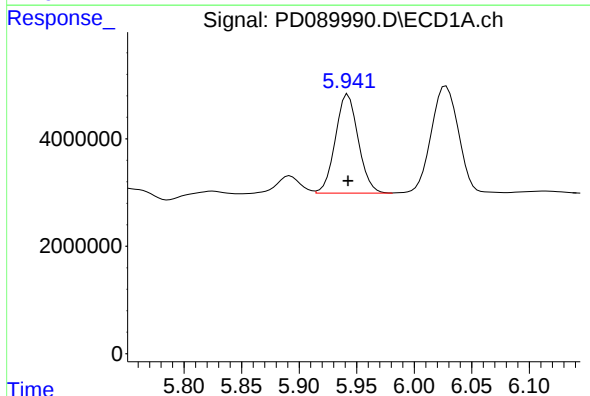
Reviewed By :Abdul Mirza 08/20/2025

Supervised By :mohammad ahmed 08/22/2025



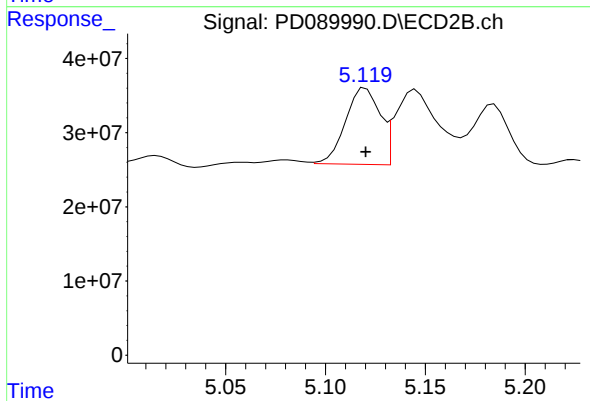
#24 Chlordane-2

R.T.: 4.482 min  
Delta R.T.: 0.001 min  
Response: 47628411  
Conc: 50.95 ng/ml



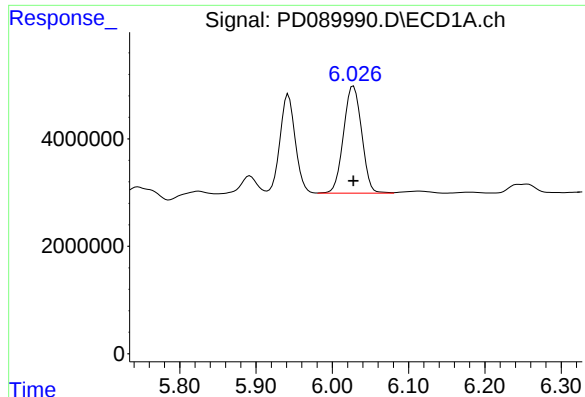
#25 Chlordane-3

R.T.: 5.942 min  
Delta R.T.: 0.000 min  
Response: 25553823  
Conc: 37.68 ng/ml



#25 Chlordane-3

R.T.: 5.120 min  
Delta R.T.: 0.000 min  
Response: 123256281  
Conc: 44.48 ng/ml



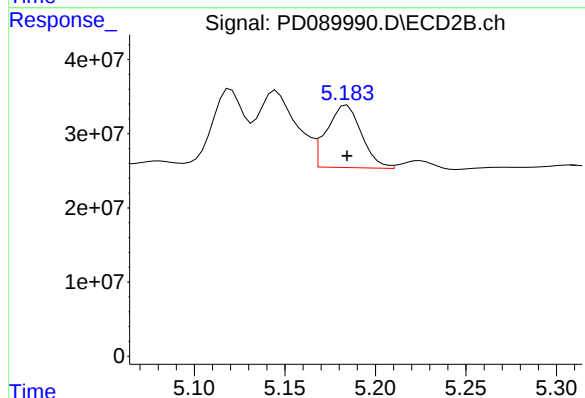
## #26 Chlordane-4

R.T.: 6.028 min  
Delta R.T.: 0.000 min  
Response: 32953372  
Conc: 39.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC050

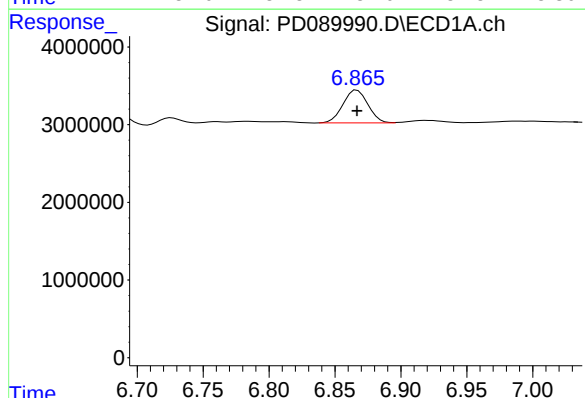
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/20/2025  
Supervised By :mohammad ahmed 08/22/2025



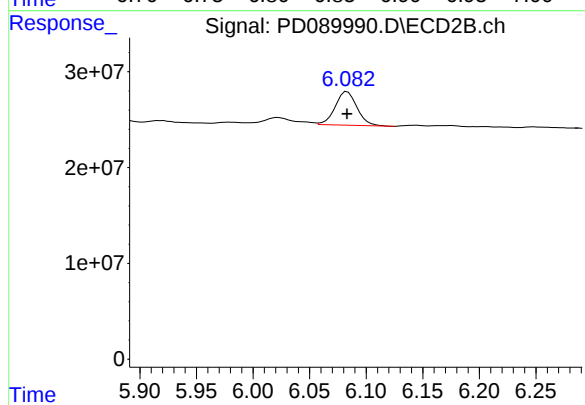
## #26 Chlordane-4

R.T.: 5.184 min  
Delta R.T.: 0.000 min  
Response: 112141390  
Conc: 46.59 ng/ml



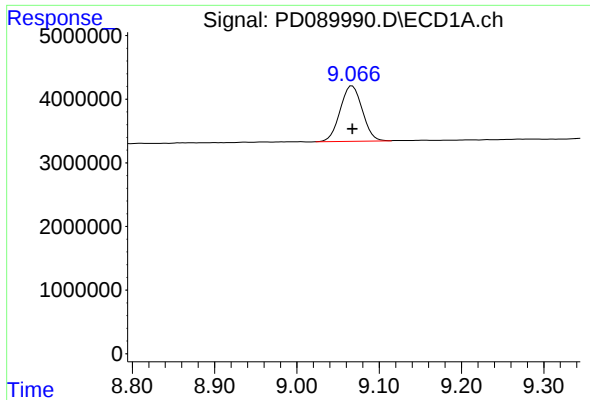
## #27 Chlordane-5

R.T.: 6.867 min  
Delta R.T.: 0.000 min  
Response: 5546188  
Conc: 39.57 ng/ml



## #27 Chlordane-5

R.T.: 6.083 min  
Delta R.T.: 0.000 min  
Response: 47074152  
Conc: 42.80 ng/ml



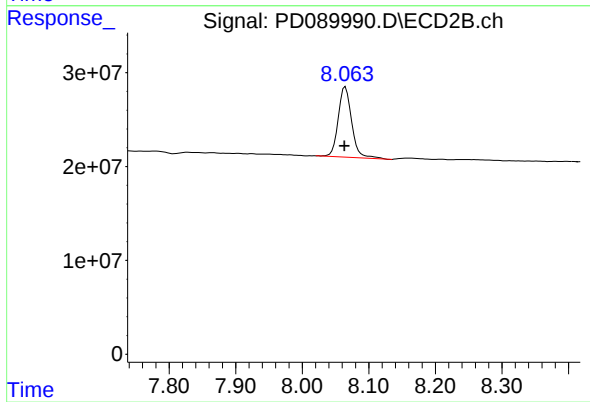
#28 Decachlorobiphenyl

R.T.: 9.067 min  
Delta R.T.: 0.000 min  
Response: 16335402  
Conc: 5.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/20/2025  
Supervised By :mohammad ahmed 08/22/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min  
Delta R.T.: 0.001 min  
Response: 105873358  
Conc: 5.30 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
 Data File : PD089991.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Aug 2025 12:28  
 Operator : AR\AJ  
 Sample : PCHLORICV500  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 ICVPD081825CHLOR

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 13:14:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:13:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.548 | 2.876 | 112.7E6  | 1070.2E6 | 54.905  | 54.566  |
| 28)                         | SA Decachlor... | 9.068 | 8.065 | 170.2E6  | 1048.6E6 | 53.887  | 51.755  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 23)                         | Chlordane-1     | 4.712 | 3.901 | 94572433 | 484.5E6  | 550.653 | 545.015 |
| 24)                         | Chlordane-2     | 5.238 | 4.482 | 94345645 | 518.6E6  | 535.989 | 541.327 |
| 25)                         | Chlordane-3     | 5.944 | 5.120 | 373.3E6  | 1483.5E6 | 550.391 | 535.367 |
| 26)                         | Chlordane-4     | 6.029 | 5.184 | 455.0E6  | 1296.1E6 | 547.973 | 538.483 |
| 27)                         | Chlordane-5     | 6.868 | 6.084 | 76427586 | 599.8E6  | 545.303 | 545.309 |
| -----                       |                 |       |       |          |          |         |         |

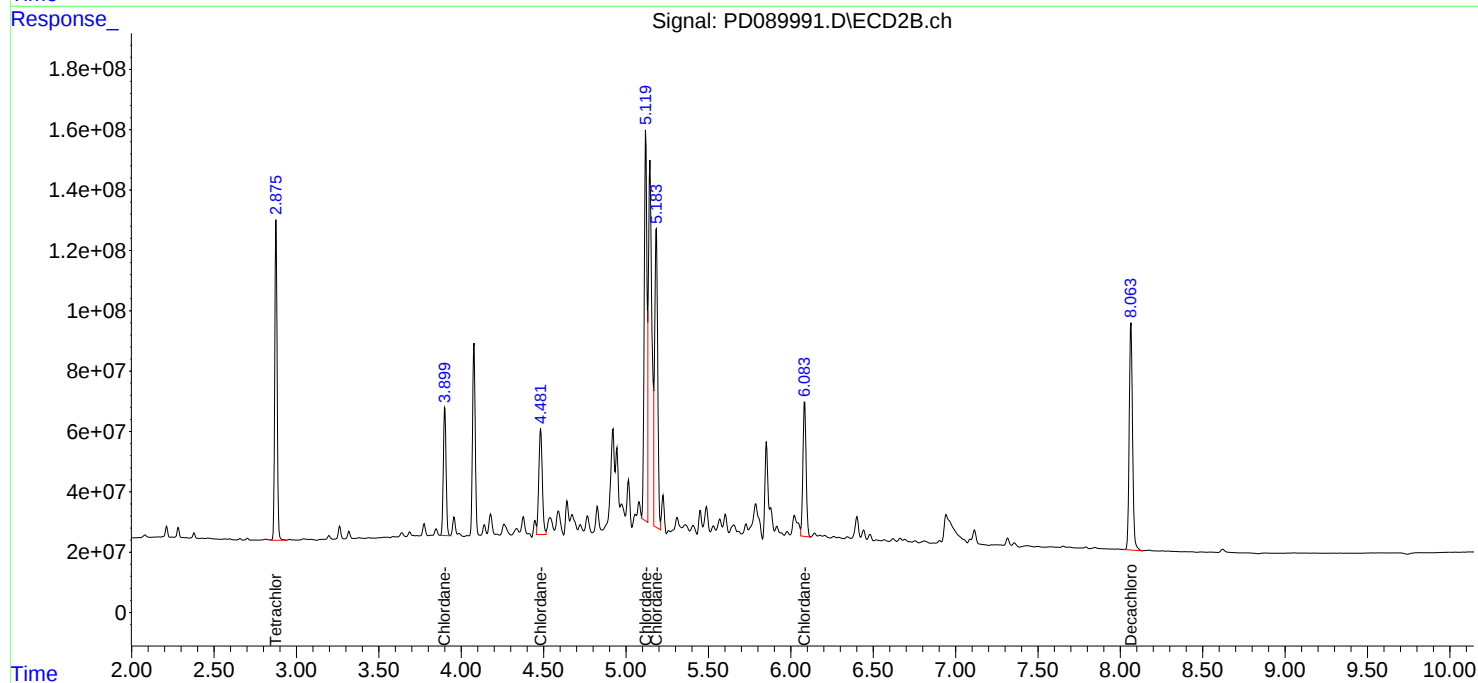
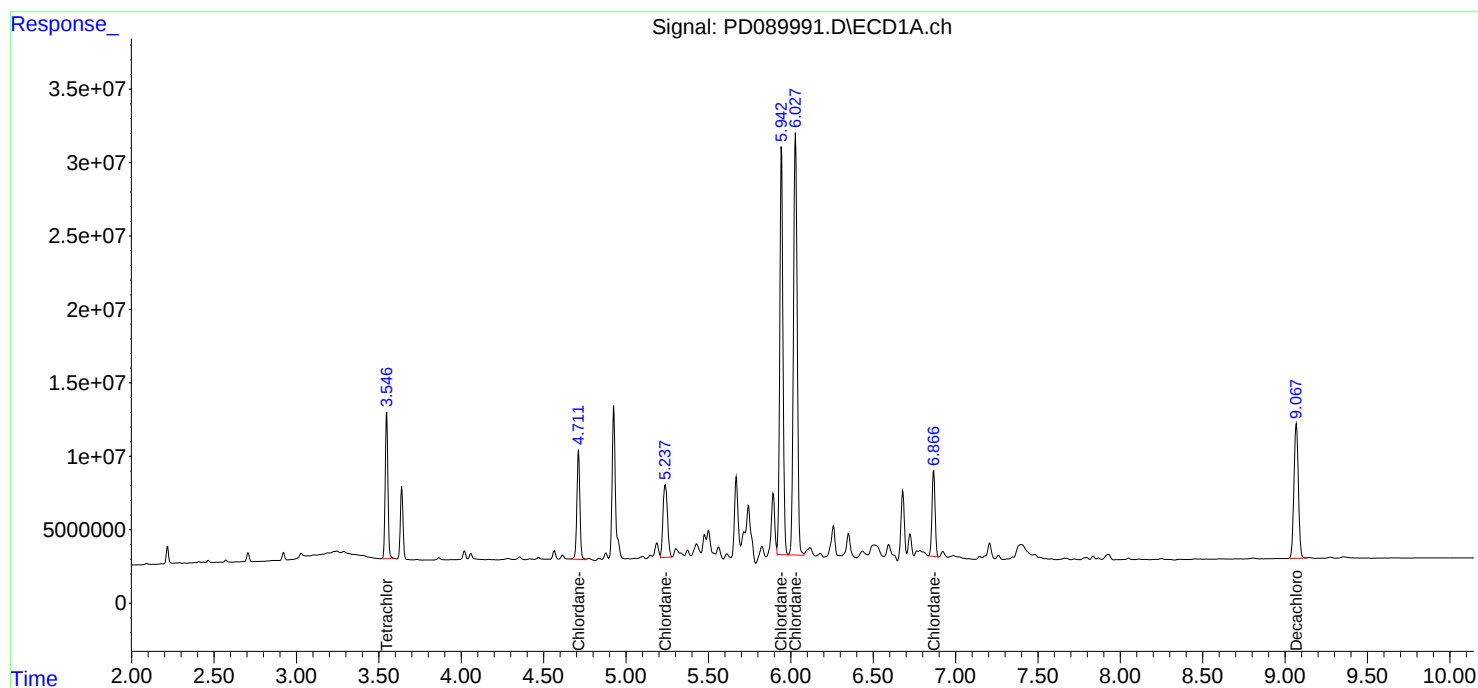
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

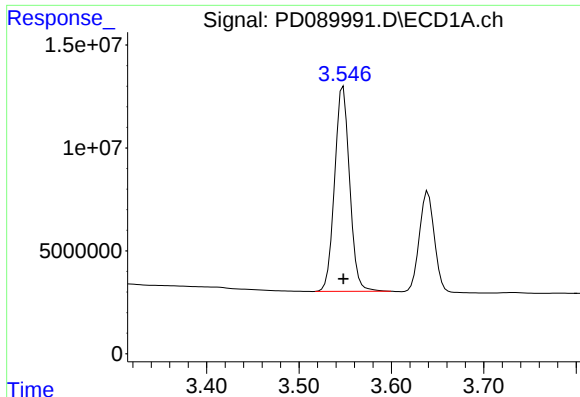
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
Data File : PD089991.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 12:28  
Operator : AR\AJ  
Sample : PCHLORICV500  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD081825CHLOR

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 13:14:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:13:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

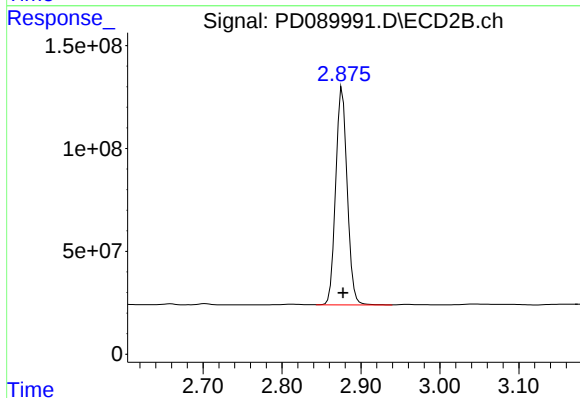




#1 Tetrachloro-m-xylene

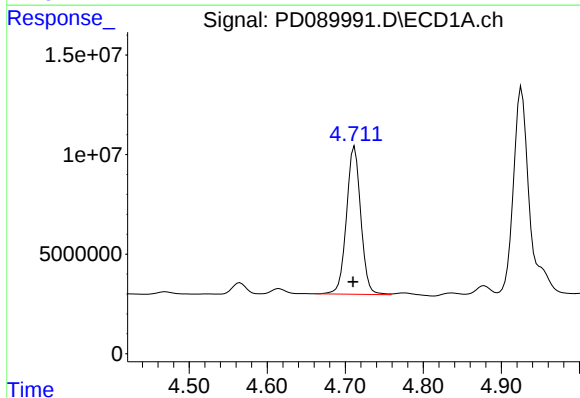
R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 112682678  
Conc: 54.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD081825CHLOR



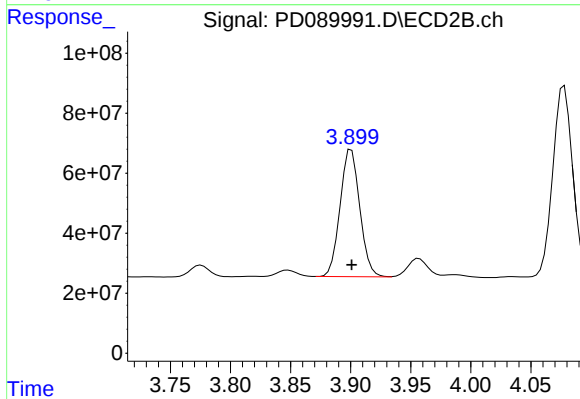
#1 Tetrachloro-m-xylene

R.T.: 2.876 min  
Delta R.T.: 0.000 min  
Response: 1070200805  
Conc: 54.57 ng/ml



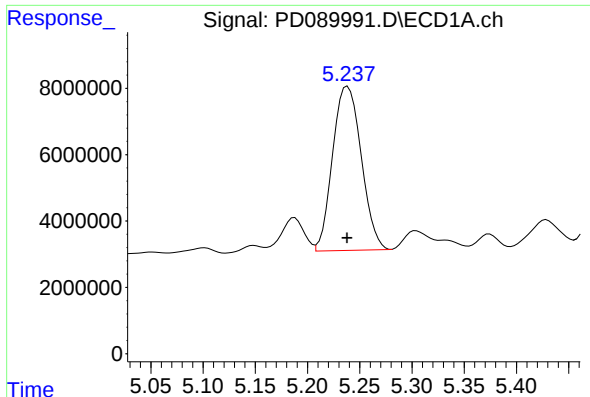
#23 Chlordane-1

R.T.: 4.712 min  
Delta R.T.: 0.002 min  
Response: 94572433  
Conc: 550.65 ng/ml



#23 Chlordane-1

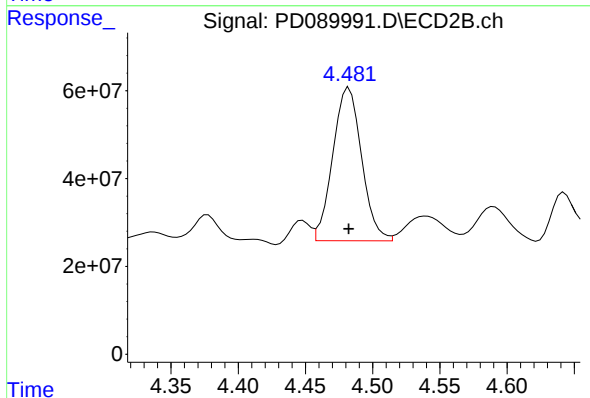
R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 484480927  
Conc: 545.02 ng/ml



#24 Chlordane-2

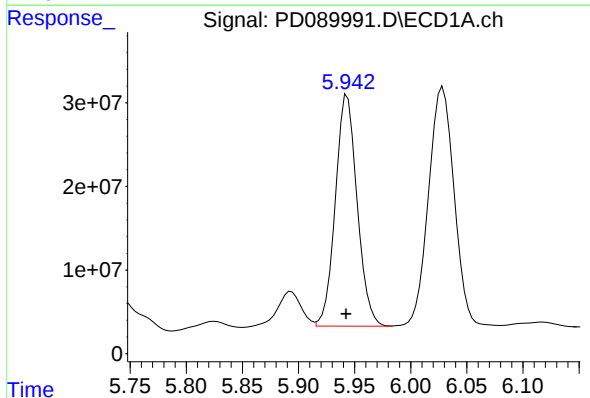
R.T.: 5.238 min  
Delta R.T.: 0.000 min  
Response: 94345645  
Conc: 535.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD081825CHLOR



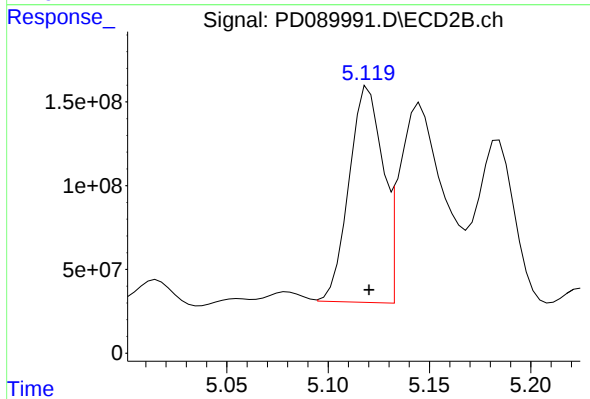
#24 Chlordane-2

R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 518566185  
Conc: 541.33 ng/ml



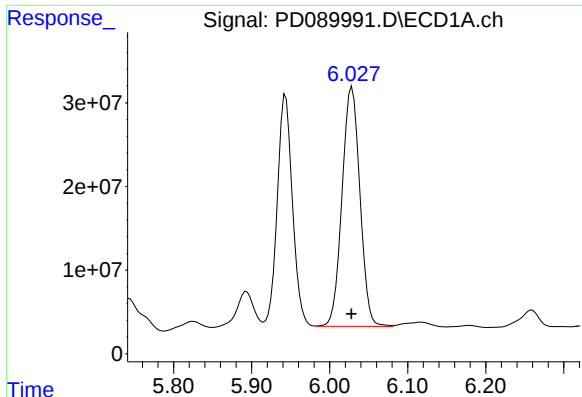
#25 Chlordane-3

R.T.: 5.944 min  
Delta R.T.: 0.001 min  
Response: 373277350  
Conc: 550.39 ng/ml



#25 Chlordane-3

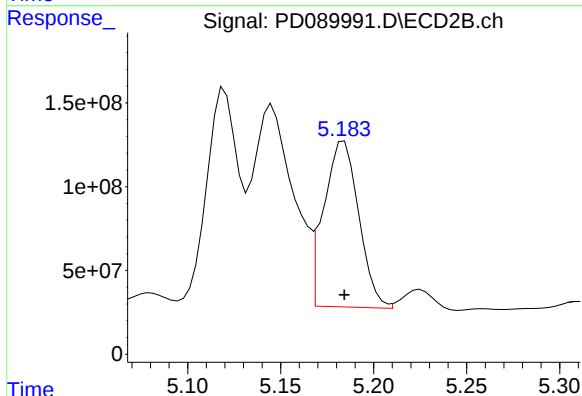
R.T.: 5.120 min  
Delta R.T.: 0.000 min  
Response: 1483481924  
Conc: 535.37 ng/ml



#26 Chlordane-4

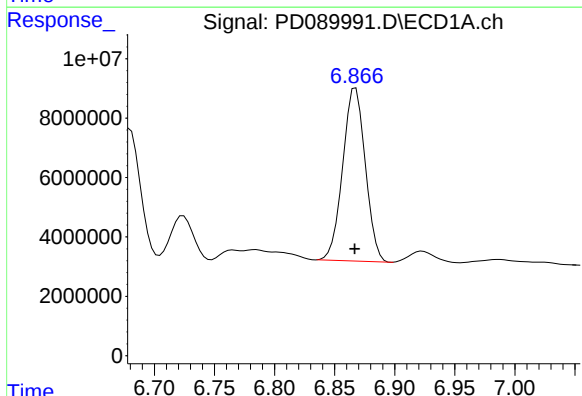
R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 454952798  
Conc: 547.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD081825CHLOR



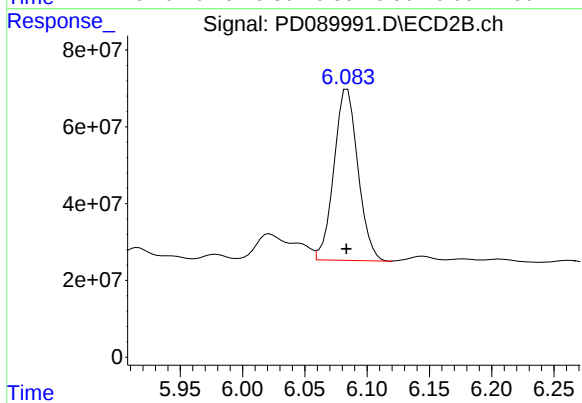
#26 Chlordane-4

R.T.: 5.184 min  
Delta R.T.: 0.000 min  
Response: 1296085753  
Conc: 538.48 ng/ml



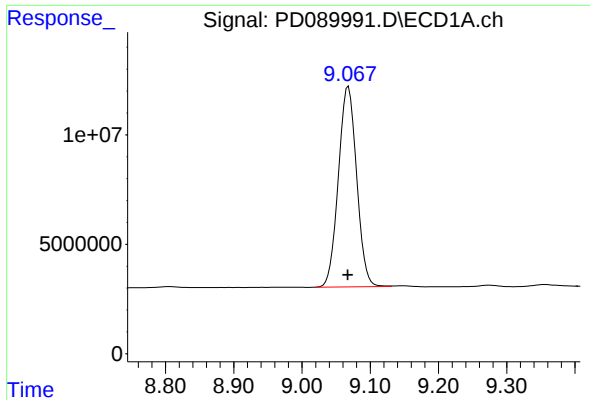
#27 Chlordane-5

R.T.: 6.868 min  
Delta R.T.: 0.000 min  
Response: 76427586  
Conc: 545.30 ng/ml



#27 Chlordane-5

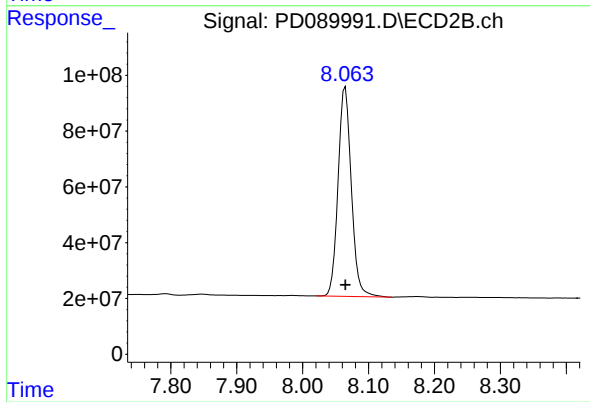
R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 599822823  
Conc: 545.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.000 min  
Response: 170217257  
Conc: 53.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD081825CHLOR



#28 Decachlorobiphenyl

R.T.: 8.065 min  
Delta R.T.: 0.000 min  
Response: 1048626524  
Conc: 51.75 ng/ml



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Continuing Calib Date: 09/10/2025

Initial Calibration Date(s): 08/19/2025 08/19/2025

Continuing Calib Time: 15:41

Initial Calibration Time(s): 10:30 11:51

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|------------|-----------|------------------------|------|------------|
| Chlordane-1 (1)      | 4.71       | 4.71      | 4.61                   | 4.81 | 0.00       |
| Chlordane-2 (2)      | 5.24       | 5.24      | 5.14                   | 5.34 | 0.00       |
| Chlordane-3 (3)      | 5.95       | 5.94      | 5.84                   | 6.04 | -0.01      |
| Chlordane-4 (4)      | 6.03       | 6.03      | 5.93                   | 6.13 | 0.00       |
| Chlordane-5 (5)      | 6.87       | 6.87      | 6.77                   | 6.97 | 0.00       |
| Decachlorobiphenyl   | 9.07       | 9.07      | 8.97                   | 9.17 | 0.00       |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45                   | 3.65 | 0.00       |



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**CALIBRATION VERIFICATION SUMMARY****Lab Name:** Alliance**Contract:** ALLI03**Lab Code:** ACE**SDG NO.:** Q3015**Continuing Calib Date:** 09/10/2025**Initial Calibration Date(s):** 08/19/2025 08/19/2025**Continuing Calib Time:** 15:41**Initial Calibration Time(s):** 10:30 11:51**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Chlordane-1 (1)      | 3.90       | 3.90      | 3.80      | 4.00 | 0.00       |
| Chlordane-2 (2)      | 4.48       | 4.48      | 4.38      | 4.58 | 0.00       |
| Chlordane-3 (3)      | 5.12       | 5.12      | 5.02      | 5.22 | 0.00       |
| Chlordane-4 (4)      | 5.18       | 5.18      | 5.08      | 5.28 | 0.00       |
| Chlordane-5 (5)      | 6.08       | 6.08      | 5.98      | 6.18 | 0.00       |
| Decachlorobiphenyl   | 8.07       | 8.06      | 7.96      | 8.16 | 0.00       |
| Tetrachloro-m-xylene | 2.88       | 2.88      | 2.78      | 2.98 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

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

**Client Sample No.:** CCAL01 **Date Analyzed:** 09/10/2025  
**Lab Sample No.:** PCHLORCCC500 **Data File :** PD090222.D **Time Analyzed:** 15:41

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Chlordane-1          | 4.713 | 4.613     | 4.813 | 474.820            | 500.000           | -5.0  |
| Chlordane-2          | 5.242 | 5.139     | 5.339 | 519.770            | 500.000           | 4.0   |
| Chlordane-3          | 5.947 | 5.844     | 6.044 | 520.610            | 500.000           | 4.1   |
| Chlordane-4          | 6.030 | 5.929     | 6.129 | 532.410            | 500.000           | 6.5   |
| Chlordane-5          | 6.871 | 6.768     | 6.968 | 552.610            | 500.000           | 10.5  |
| Decachlorobiphenyl   | 9.071 | 8.968     | 9.168 | 42.200             | 50.000            | -15.6 |
| Tetrachloro-m-xylene | 3.550 | 3.449     | 3.649 | 42.140             | 50.000            | -15.7 |



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### CALIBRATION VERIFICATION SUMMARY

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

**Client Sample No.:** CCAL01 **Date Analyzed:** 09/10/2025  
**Lab Sample No.:** PCHLORCCC500 **Data File :** PD090222.D **Time Analyzed:** 15:41

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Chlordane-1          | 3.900 | 3.801     | 4.001 | 581.700            | 500.000           | 16.3 |
| Chlordane-2          | 4.481 | 4.382     | 4.582 | 552.020            | 500.000           | 10.4 |
| Chlordane-3          | 5.120 | 5.020     | 5.220 | 580.760            | 500.000           | 16.2 |
| Chlordane-4          | 5.184 | 5.084     | 5.284 | 573.250            | 500.000           | 14.7 |
| Chlordane-5          | 6.084 | 5.984     | 6.184 | 590.240            | 500.000           | 18.0 |
| Decachlorobiphenyl   | 8.065 | 7.964     | 8.164 | 45.470             | 50.000            | -9.1 |
| Tetrachloro-m-xylene | 2.875 | 2.776     | 2.976 | 58.390             | 50.000            | 16.8 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091025\  
 Data File : PD090222.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Sep 2025 15:41  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORCCC500

### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 08:20:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|----------|
| -----                       |                 |       |       |          |          |          |          |
| System Monitoring Compounds |                 |       |       |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.550 | 2.875 | 123.7E6  | 1287.6E6 | 42.136   | 58.395 # |
| 28)                         | SA Decachlor... | 9.071 | 8.065 | 182.1E6  | 1177.1E6 | 42.204   | 45.473   |
| Target Compounds            |                 |       |       |          |          |          |          |
| 23)                         | Chlordane-1     | 4.713 | 3.900 | 81548388 | 517.1E6  | 474.820m | 581.701  |
| 24)                         | Chlordane-2     | 5.242 | 4.481 | 91490649 | 528.8E6  | 519.769  | 552.024  |
| 25)                         | Chlordane-3     | 5.947 | 5.120 | 353.1E6  | 1609.3E6 | 520.605  | 580.764  |
| 26)                         | Chlordane-4     | 6.030 | 5.184 | 442.0E6  | 1379.8E6 | 532.412m | 573.253  |
| 27)                         | Chlordane-5     | 6.871 | 6.084 | 77451160 | 649.2E6  | 552.606  | 590.242  |
| -----                       |                 |       |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091025\  
Data File : PD090222.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2025 15:41  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PCHLORCCC500

## Manual Integrations

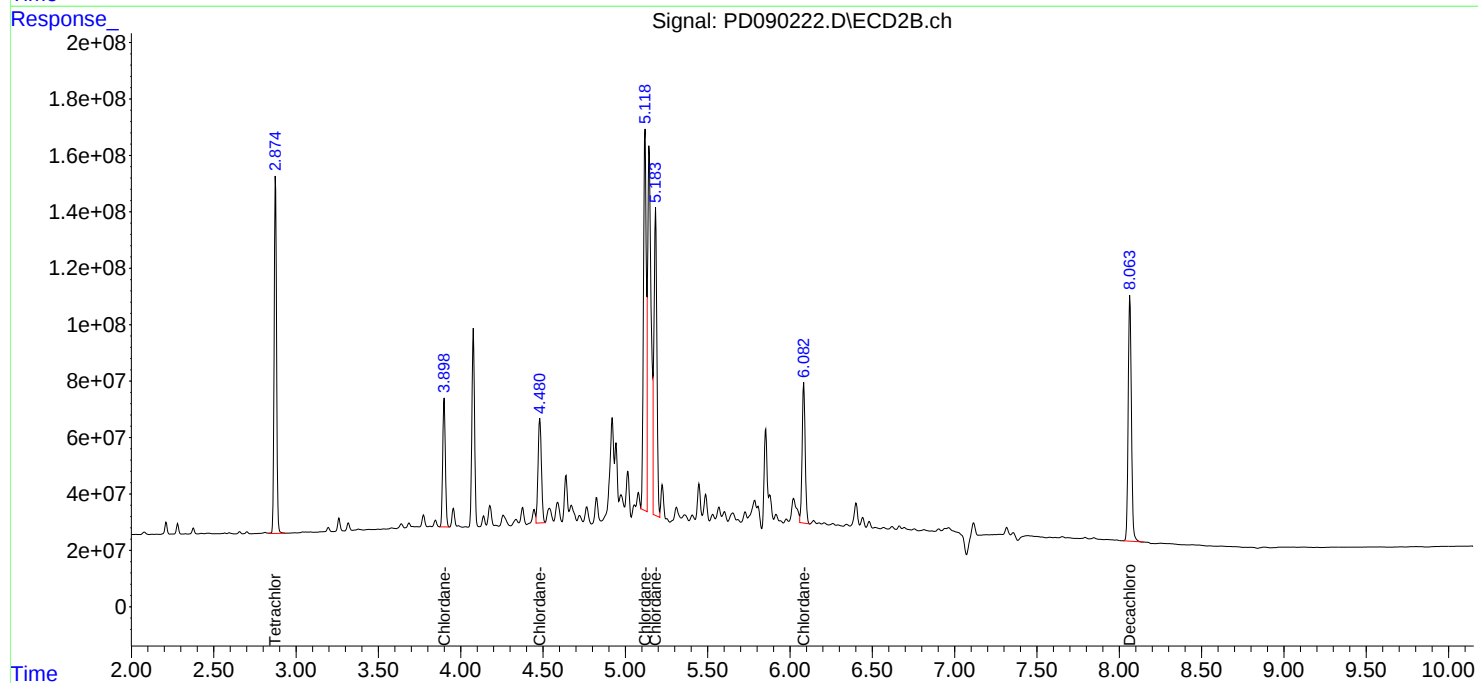
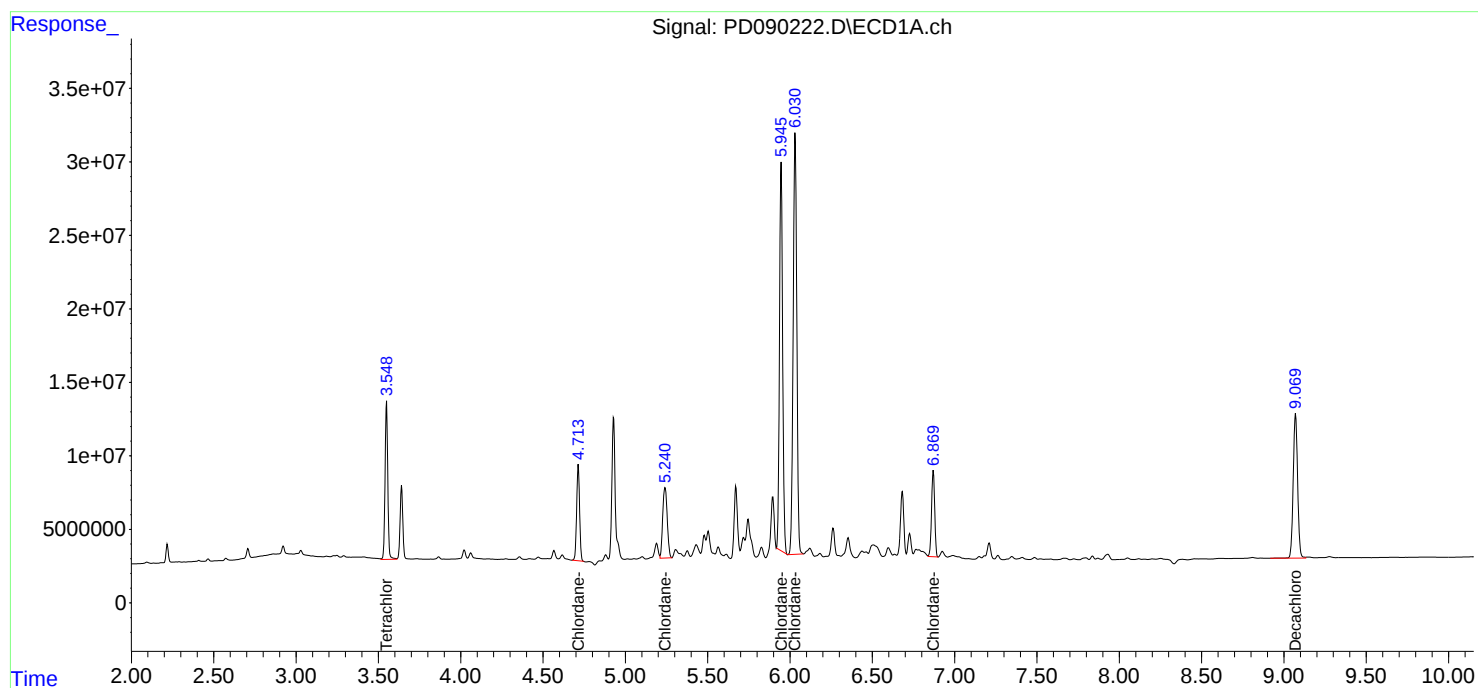
APPROVED

Reviewed By :Abdul Mirza 09/11/2025

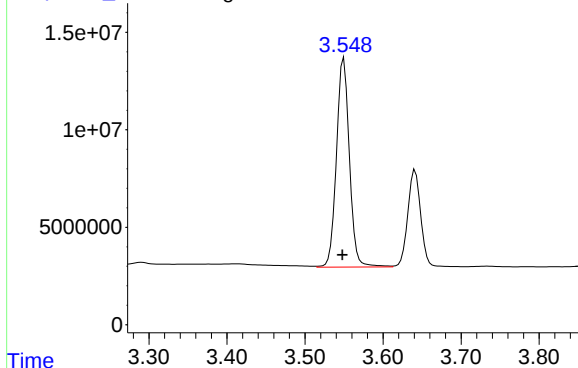
Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 08:20:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Response\_ Signal: PD090222.D\ECD1A.ch



#1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: 0.002 min  
Response: 123663224  
Conc: 42.14 ng/ml

Instrument :

ECD\_D

ClientSampleId :

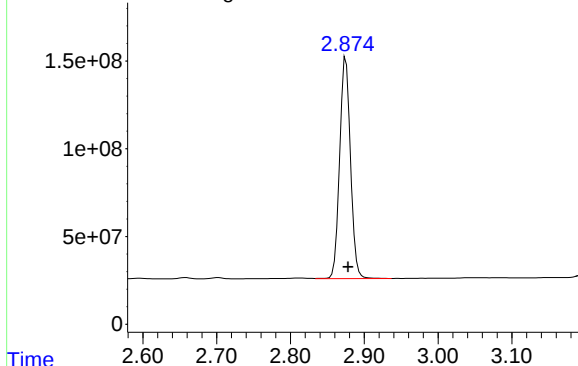
PCHLORCCC500

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025

Supervised By :mohammad ahmed 09/16/2025

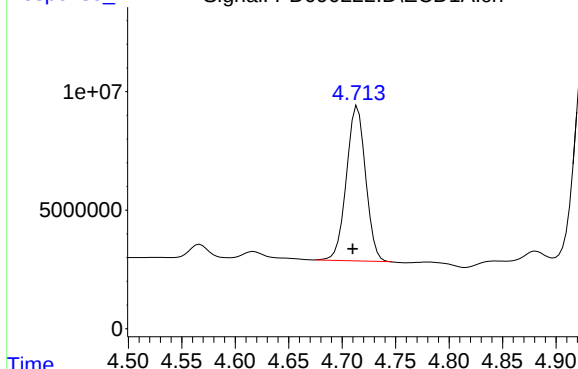
Response\_ Signal: PD090222.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.875 min  
Delta R.T.: -0.003 min  
Response: 1287638278  
Conc: 58.39 ng/ml

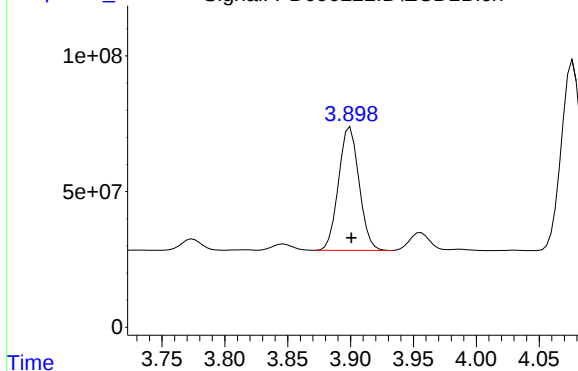
Response\_ Signal: PD090222.D\ECD1A.ch



#23 Chlordane-1

R.T.: 4.713 min  
Delta R.T.: 0.003 min  
Response: 81548388  
Conc: 474.82 ng/ml m

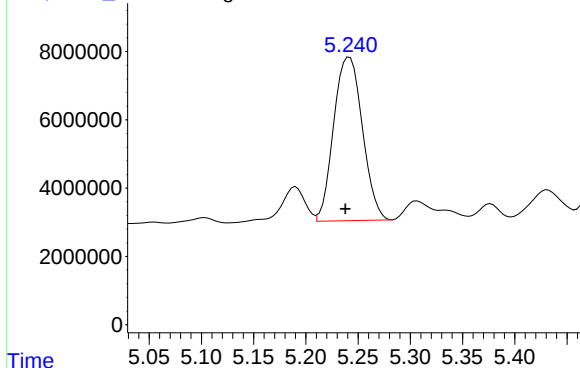
Response\_ Signal: PD090222.D\ECD2B.ch



#23 Chlordane-1

R.T.: 3.900 min  
Delta R.T.: -0.001 min  
Response: 517091994  
Conc: 581.70 ng/ml

Response\_ Signal: PD090222.D\ECD1A.ch



#24 Chlordane-2

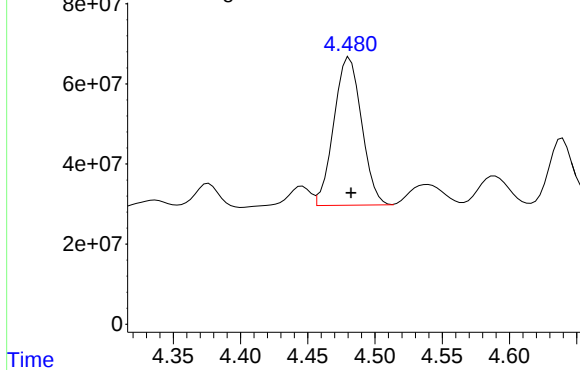
R.T.: 5.242 min  
Delta R.T.: 0.004 min  
Response: 91490649  
Conc: 519.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025

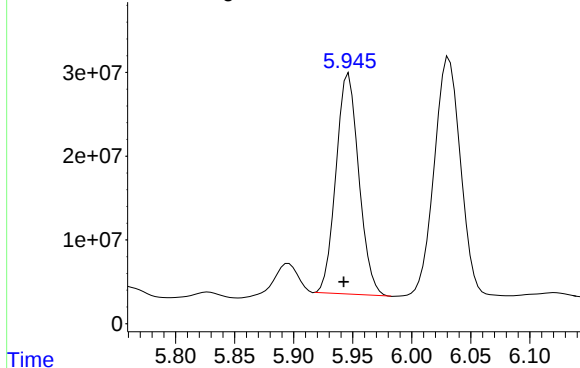
Response\_ Signal: PD090222.D\ECD2B.ch



#24 Chlordane-2

R.T.: 4.481 min  
Delta R.T.: -0.001 min  
Response: 528812640  
Conc: 552.02 ng/ml

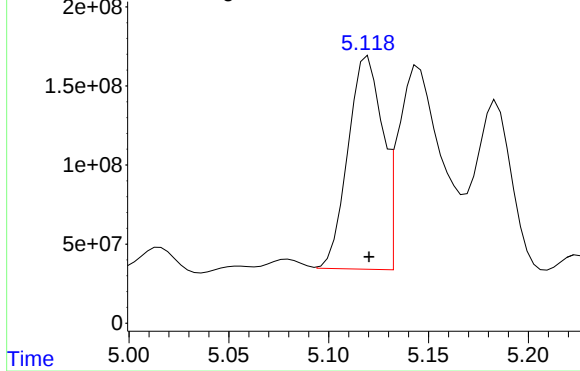
Response\_ Signal: PD090222.D\ECD1A.ch



#25 Chlordane-3

R.T.: 5.947 min  
Delta R.T.: 0.004 min  
Response: 353076233  
Conc: 520.61 ng/ml

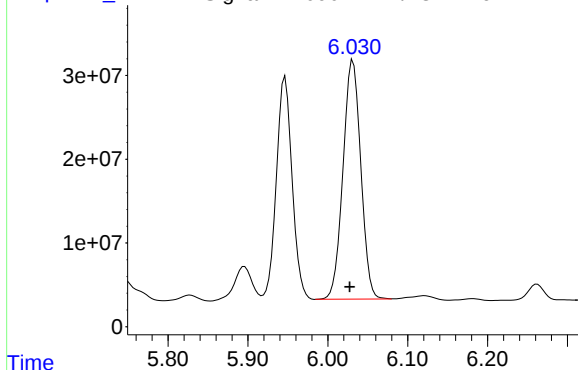
Response\_ Signal: PD090222.D\ECD2B.ch



#25 Chlordane-3

R.T.: 5.120 min  
Delta R.T.: 0.000 min  
Response: 1609277231  
Conc: 580.76 ng/ml

Response\_ Signal: PD090222.D\ECD1A.ch



#26 Chlordane-4

R.T.: 6.030 min  
Delta R.T.: 0.002 min  
Response: 442033504  
Conc: 532.41 ng/ml

Instrument :

ECD\_D

ClientSampleId :

PCHLORCCC500

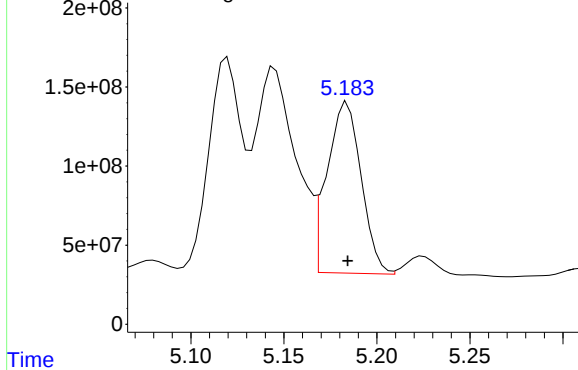
Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/11/2025

Supervised By :mohammad ahmed 09/16/2025

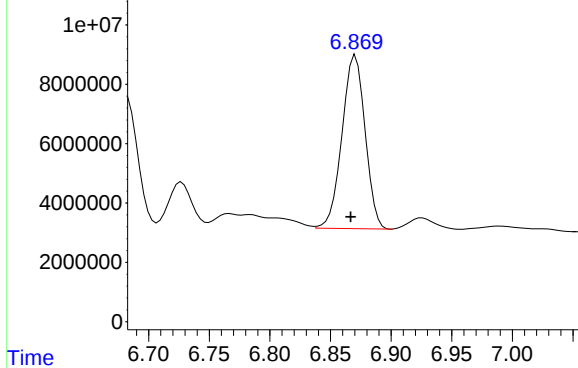
Response\_ Signal: PD090222.D\ECD2B.ch



#26 Chlordane-4

R.T.: 5.184 min  
Delta R.T.: 0.000 min  
Response: 1379775619  
Conc: 573.25 ng/ml

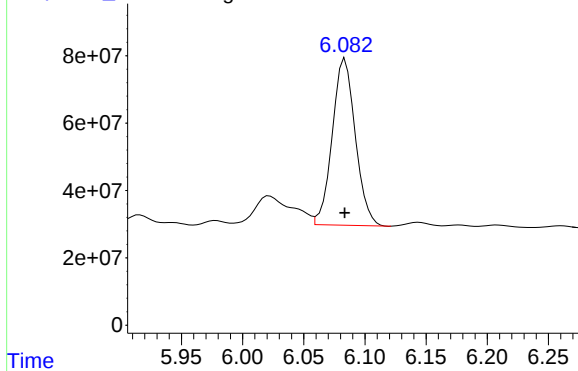
Response\_ Signal: PD090222.D\ECD1A.ch



#27 Chlordane-5

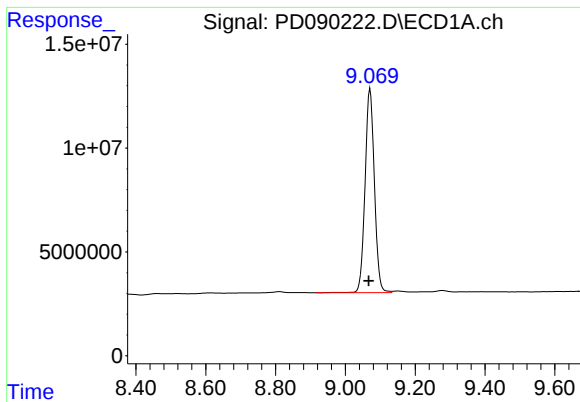
R.T.: 6.871 min  
Delta R.T.: 0.004 min  
Response: 77451160  
Conc: 552.61 ng/ml

Response\_ Signal: PD090222.D\ECD2B.ch



#27 Chlordane-5

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 649247933  
Conc: 590.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.004 min  
Response: 182148037  
Conc: 42.20 ng/ml

Instrument :

ECD\_D

ClientSampleId :

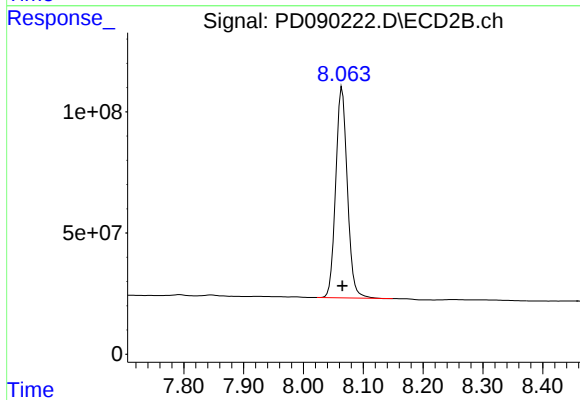
PCHLORCCC500

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/11/2025

Supervised By :mohammad ahmed 09/16/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min  
Delta R.T.: 0.000 min  
Response: 1177117684  
Conc: 45.47 ng/ml



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Fax : 908 789 8922

**CALIBRATION VERIFICATION SUMMARY****Lab Name:** Alliance**Contract:** ALLI03**Lab Code:** ACE**SDG NO.:** Q3015**Continuing Calib Date:** 09/10/2025**Initial Calibration Date(s):** 08/19/2025 08/19/2025**Continuing Calib Time:** 18:38**Initial Calibration Time(s):** 10:30 11:51**GC Column:** ZB-MR1 **ID:** 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Chlordane-1 (1)      | 4.71       | 4.71      | 4.61      | 4.81 | 0.00       |
| Chlordane-2 (2)      | 5.24       | 5.24      | 5.14      | 5.34 | 0.00       |
| Chlordane-3 (3)      | 5.94       | 5.94      | 5.84      | 6.04 | 0.00       |
| Chlordane-4 (4)      | 6.03       | 6.03      | 5.93      | 6.13 | 0.00       |
| Chlordane-5 (5)      | 6.87       | 6.87      | 6.77      | 6.97 | 0.00       |
| Decachlorobiphenyl   | 9.07       | 9.07      | 8.97      | 9.17 | 0.00       |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45      | 3.65 | 0.00       |



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Fax : 908 789 8922

**CALIBRATION VERIFICATION SUMMARY****Lab Name:** Alliance**Contract:** ALLI03**Lab Code:** ACE**SDG NO.:** Q3015**Continuing Calib Date:** 09/10/2025**Initial Calibration Date(s):** 08/19/2025 08/19/2025**Continuing Calib Time:** 18:38**Initial Calibration Time(s):** 10:30 11:51**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Chlordane-1 (1)      | 3.90       | 3.90      | 3.80      | 4.00 | 0.00       |
| Chlordane-2 (2)      | 4.48       | 4.48      | 4.38      | 4.58 | 0.00       |
| Chlordane-3 (3)      | 5.12       | 5.12      | 5.02      | 5.22 | 0.00       |
| Chlordane-4 (4)      | 5.18       | 5.18      | 5.08      | 5.28 | 0.00       |
| Chlordane-5 (5)      | 6.08       | 6.08      | 5.98      | 6.18 | 0.00       |
| Decachlorobiphenyl   | 8.06       | 8.06      | 7.96      | 8.16 | 0.00       |
| Tetrachloro-m-xylene | 2.88       | 2.88      | 2.78      | 2.98 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

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

**Client Sample No.:** CCAL02 **Date Analyzed:** 09/10/2025  
**Lab Sample No.:** PCHLORCCC500 **Data File :** PD090234.D **Time Analyzed:** 18:38

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Chlordane-1          | 4.709 | 4.613     | 4.813 | 541.810            | 500.000           | 8.4   |
| Chlordane-2          | 5.236 | 5.139     | 5.339 | 515.740            | 500.000           | 3.1   |
| Chlordane-3          | 5.941 | 5.844     | 6.044 | 531.370            | 500.000           | 6.3   |
| Chlordane-4          | 6.027 | 5.929     | 6.129 | 515.080            | 500.000           | 3.0   |
| Chlordane-5          | 6.866 | 6.768     | 6.968 | 545.600            | 500.000           | 9.1   |
| Decachlorobiphenyl   | 9.066 | 8.968     | 9.168 | 41.150             | 50.000            | -17.7 |
| Tetrachloro-m-xylene | 3.546 | 3.449     | 3.649 | 42.490             | 50.000            | -15.0 |



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

### CALIBRATION VERIFICATION SUMMARY

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

**Client Sample No.:** CCAL02 **Date Analyzed:** 09/10/2025  
**Lab Sample No.:** PCHLORCCC500 **Data File :** PD090234.D **Time Analyzed:** 18:38

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Chlordane-1          | 3.900 | 3.801     | 4.001 | 584.670            | 500.000           | 16.9 |
| Chlordane-2          | 4.481 | 4.382     | 4.582 | 557.170            | 500.000           | 11.4 |
| Chlordane-3          | 5.119 | 5.020     | 5.220 | 582.070            | 500.000           | 16.4 |
| Chlordane-4          | 5.183 | 5.084     | 5.284 | 569.480            | 500.000           | 13.9 |
| Chlordane-5          | 6.083 | 5.984     | 6.184 | 590.220            | 500.000           | 18.0 |
| Decachlorobiphenyl   | 8.064 | 7.964     | 8.164 | 45.570             | 50.000            | -8.9 |
| Tetrachloro-m-xylene | 2.876 | 2.776     | 2.976 | 57.490             | 50.000            | 15.0 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091025\  
 Data File : PD090234.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Sep 2025 18:38  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORCCC500

### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 08:21:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|----------|
| -----                       |                 |       |       |          |          |          |          |
| System Monitoring Compounds |                 |       |       |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.546 | 2.876 | 124.7E6  | 1267.6E6 | 42.494   | 57.486 # |
| 28)                         | SA Decachlor... | 9.066 | 8.064 | 177.6E6  | 1179.6E6 | 41.146   | 45.568   |
| Target Compounds            |                 |       |       |          |          |          |          |
| 23)                         | Chlordane-1     | 4.709 | 3.900 | 93054091 | 519.7E6  | 541.812m | 584.672  |
| 24)                         | Chlordane-2     | 5.236 | 4.481 | 90780916 | 533.7E6  | 515.737  | 557.173  |
| 25)                         | Chlordane-3     | 5.941 | 5.119 | 360.4E6  | 1612.9E6 | 531.366m | 582.072  |
| 26)                         | Chlordane-4     | 6.027 | 5.183 | 427.6E6  | 1370.7E6 | 515.079  | 569.483  |
| 27)                         | Chlordane-5     | 6.866 | 6.083 | 76468988 | 649.2E6  | 545.598  | 590.223  |
| -----                       |                 |       |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091025\  
Data File : PD090234.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2025 18:38  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PCHLORCCC500

## Manual Integrations

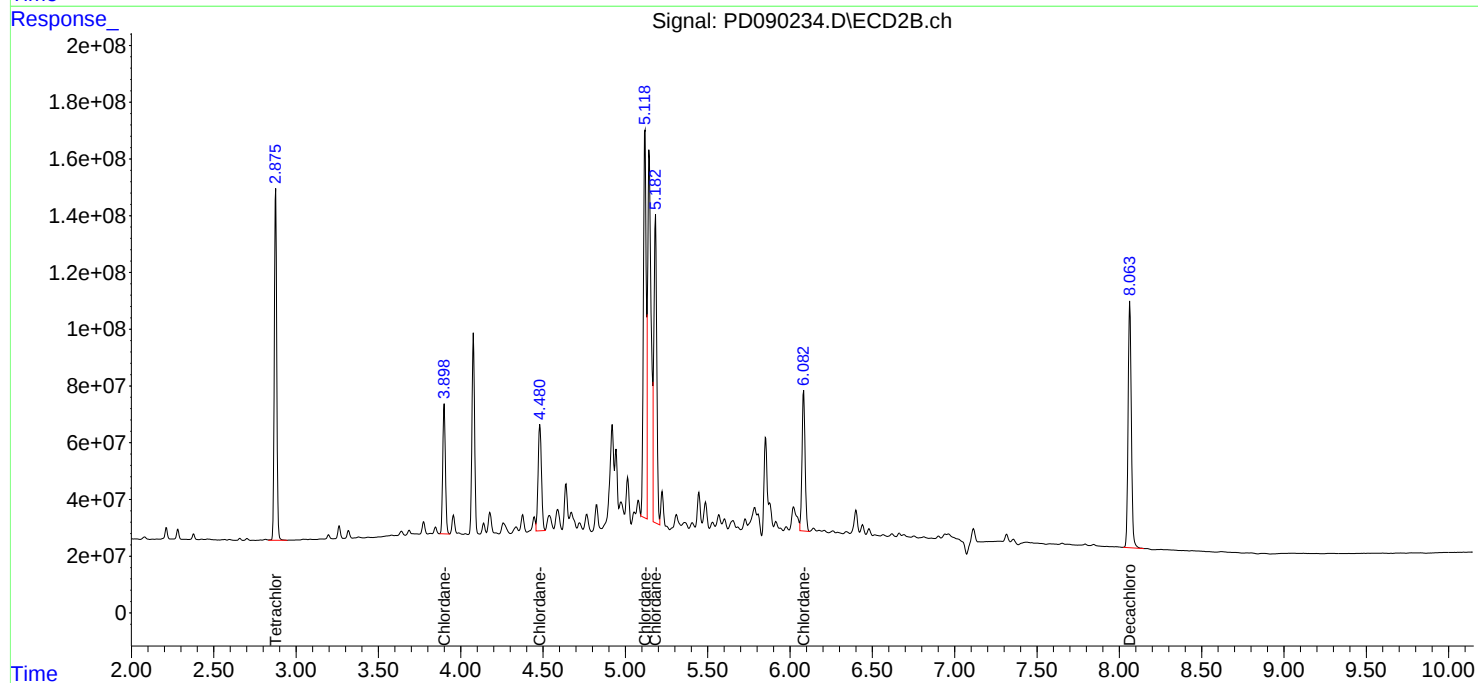
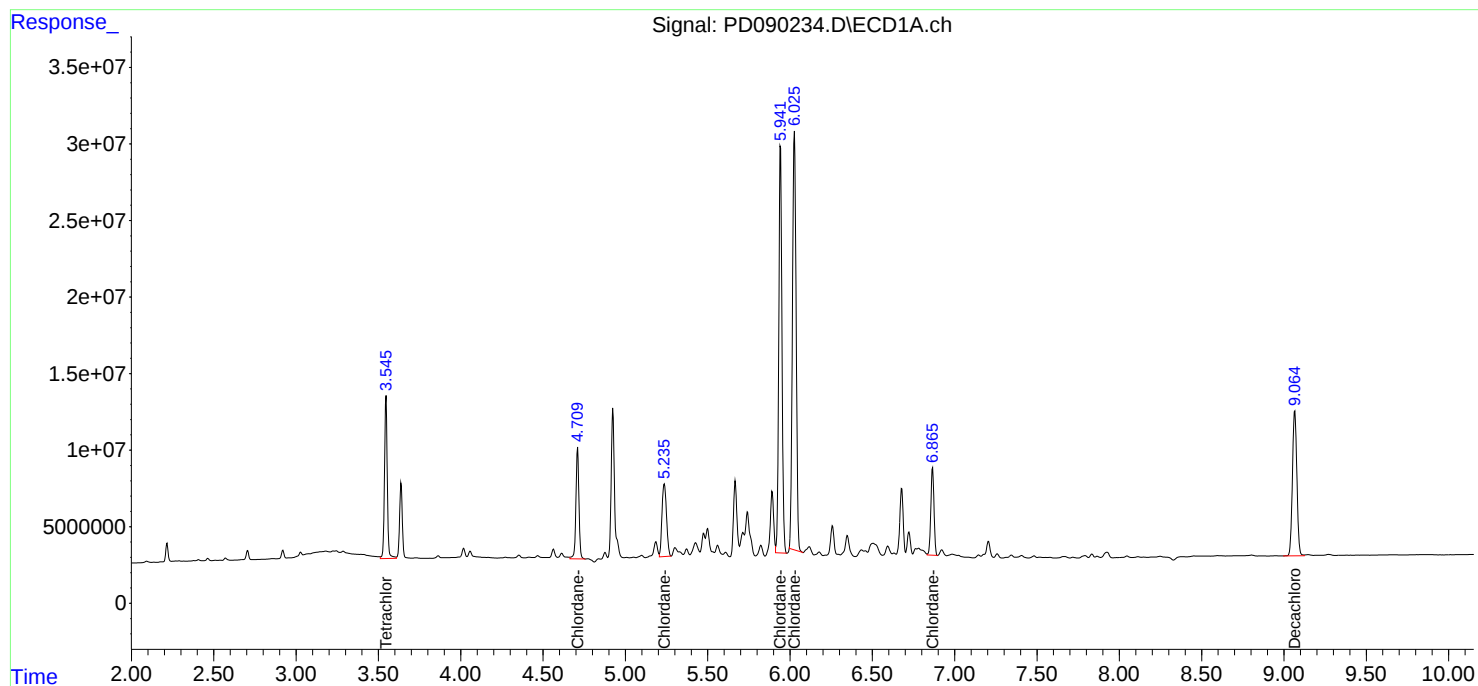
APPROVED

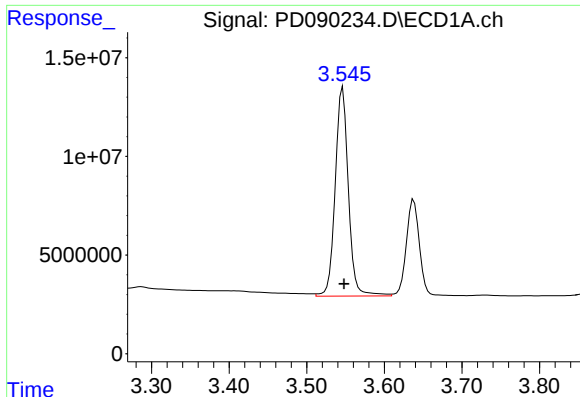
Reviewed By :Abdul Mirza 09/11/2025

Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 08:21:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





## #1 Tetrachloro-m-xylene

R.T.: 3.546 min  
Delta R.T.: -0.002 min  
Response: 124714270  
Conc: 42.49 ng/ml

Instrument :

ECD\_D

ClientSampleId :

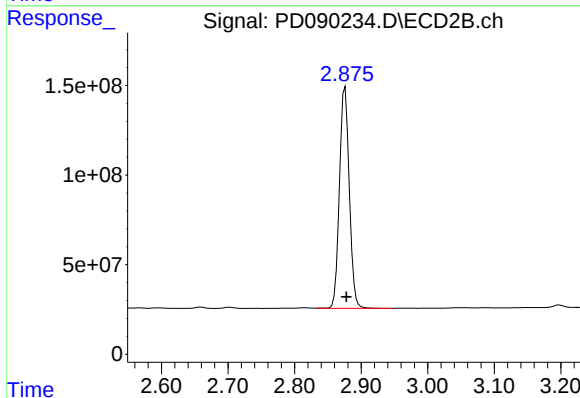
PCHLORCCC500

Manual Integrations

APPROVED

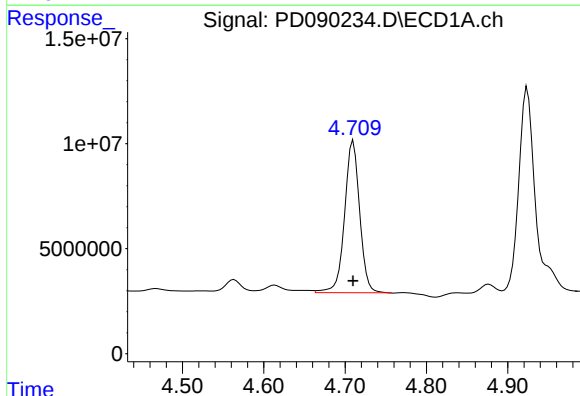
Reviewed By :Abdul Mirza 09/11/2025

Supervised By :mohammad ahmed 09/16/2025



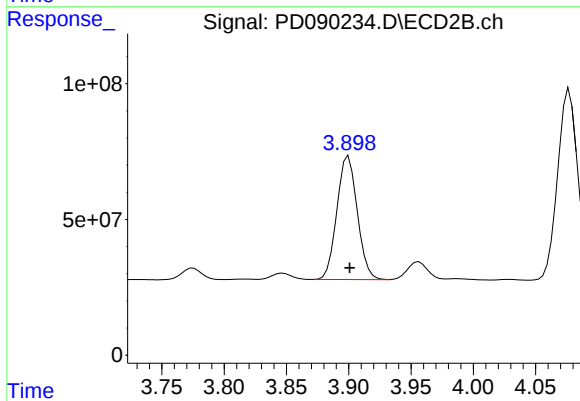
## #1 Tetrachloro-m-xylene

R.T.: 2.876 min  
Delta R.T.: -0.002 min  
Response: 1267603089  
Conc: 57.49 ng/ml



## #23 Chlordane-1

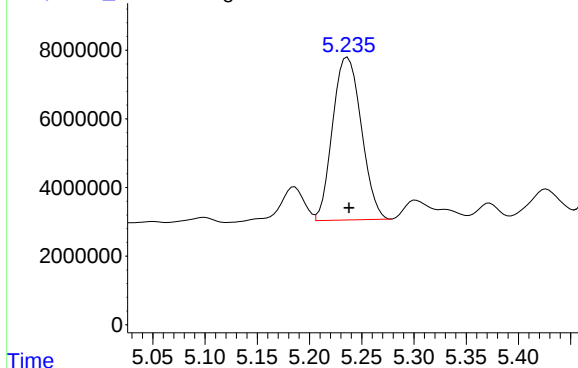
R.T.: 4.709 min  
Delta R.T.: -0.001 min  
Response: 93054091  
Conc: 541.81 ng/ml m



## #23 Chlordane-1

R.T.: 3.900 min  
Delta R.T.: -0.001 min  
Response: 519733285  
Conc: 584.67 ng/ml

Response\_ Signal: PD090234.D\ECD1A.ch



#24 Chlordane-2

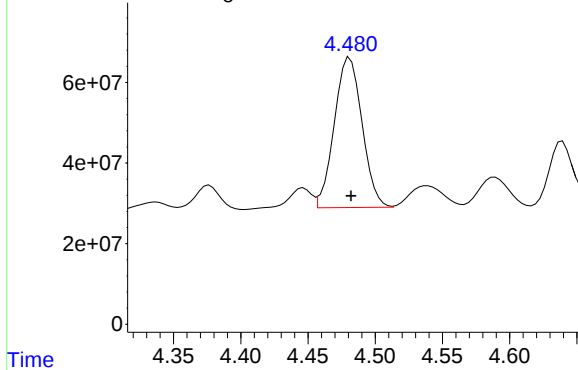
R.T.: 5.236 min  
Delta R.T.: -0.002 min  
Response: 90780916  
Conc: 515.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025

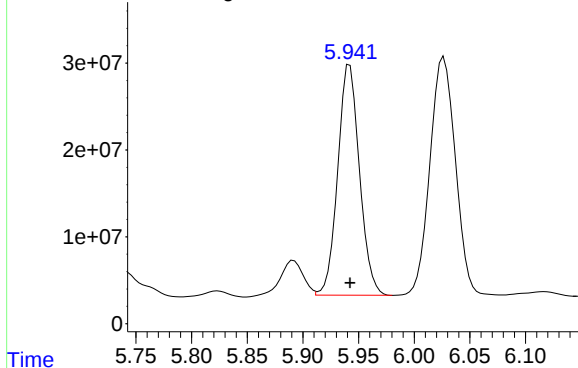
Response\_ Signal: PD090234.D\ECD2B.ch



#24 Chlordane-2

R.T.: 4.481 min  
Delta R.T.: -0.001 min  
Response: 533745342  
Conc: 557.17 ng/ml

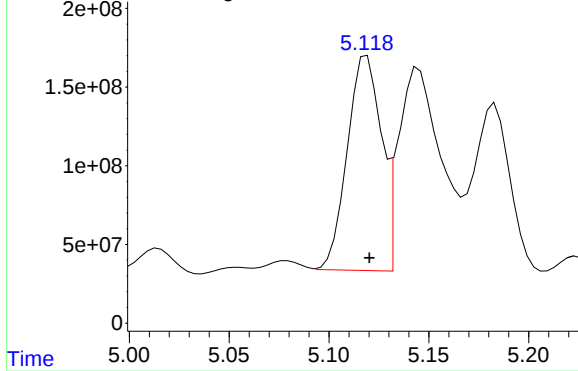
Response\_ Signal: PD090234.D\ECD1A.ch



#25 Chlordane-3

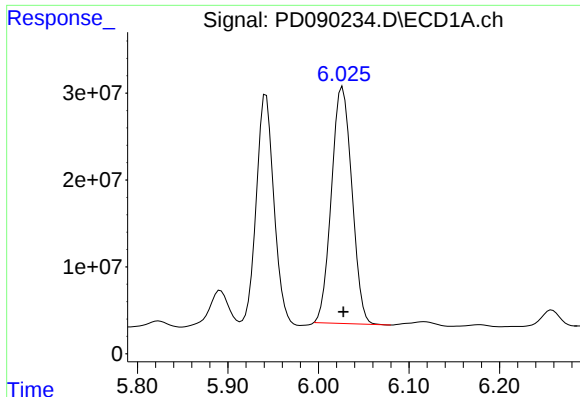
R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 360374357  
Conc: 531.37 ng/ml m

Response\_ Signal: PD090234.D\ECD2B.ch



#25 Chlordane-3

R.T.: 5.119 min  
Delta R.T.: -0.001 min  
Response: 1612899387  
Conc: 582.07 ng/ml



## #26 Chlordane-4

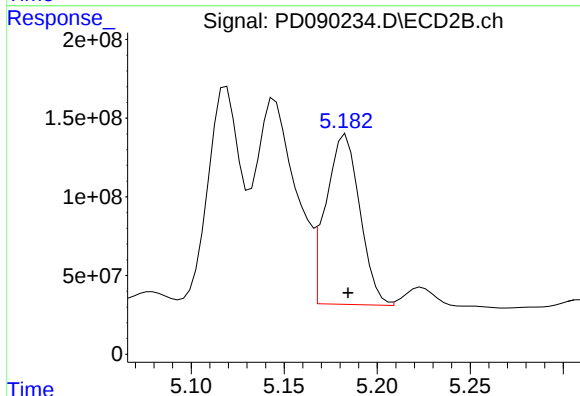
R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 427643127  
Conc: 515.08 ng/ml

Instrument :

ECD\_D

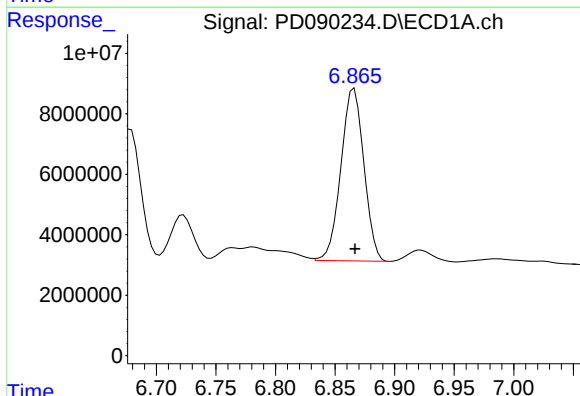
ClientSampleId :  
PCHLORCCC500Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025



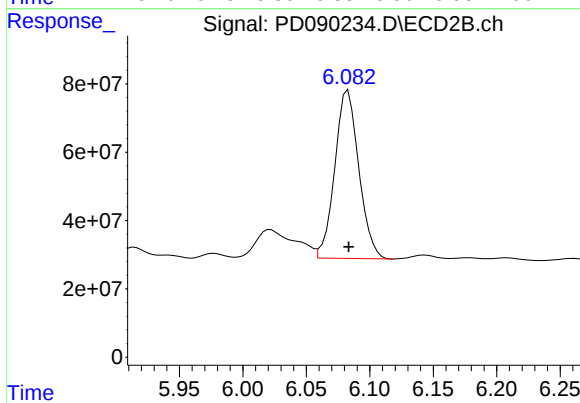
## #26 Chlordane-4

R.T.: 5.183 min  
Delta R.T.: -0.001 min  
Response: 1370701440  
Conc: 569.48 ng/ml



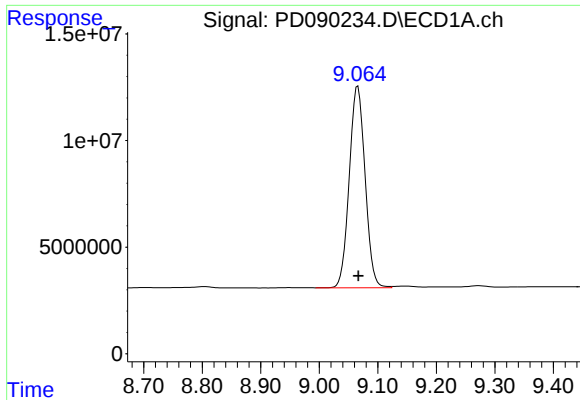
## #27 Chlordane-5

R.T.: 6.866 min  
Delta R.T.: 0.000 min  
Response: 76468988  
Conc: 545.60 ng/ml



## #27 Chlordane-5

R.T.: 6.083 min  
Delta R.T.: 0.000 min  
Response: 649227426  
Conc: 590.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min  
Delta R.T.: -0.001 min  
Response: 177582461  
Conc: 41.15 ng/ml

Instrument :

ECD\_D

ClientSampleId :

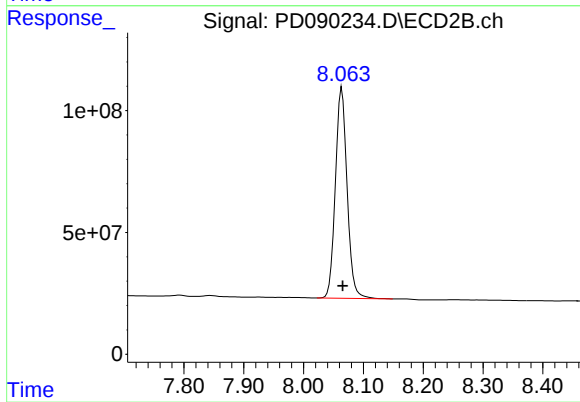
PCHLORCCC500

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/11/2025

Supervised By :mohammad ahmed 09/16/2025



#28 Decachlorobiphenyl

R.T.: 8.064 min  
Delta R.T.: -0.001 min  
Response: 1179562247  
Conc: 45.57 ng/ml

## Analytical Sequence

|                                                |                                                                 |
|------------------------------------------------|-----------------------------------------------------------------|
| Client: Alliance Technical Group, LLC - Newark | SDG No.: Q3015                                                  |
| Project: NJ Waste Water PT                     | Instrument ID: ECD_D                                            |
| GC Column: ZB-MR1                              | ID: 0.32 (mm)    Inst. Calib. Date(s): 08/19/2025    08/19/2025 |

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

| CLIENT ID         | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| LBLK              | LBLK             | 08/19/2025       | 09:50            | PD089983.D | 9.07        | 3.55        |
| PCHLORICC1000     | PCHLORICC1000    | 08/19/2025       | 10:30            | PD089986.D | 9.07        | 3.55        |
| PCHLORICC750      | PCHLORICC750     | 08/19/2025       | 11:10            | PD089987.D | 9.07        | 3.55        |
| PCHLORICC500      | PCHLORICC500     | 08/19/2025       | 11:24            | PD089988.D | 9.07        | 3.55        |
| PCHLORICC250      | PCHLORICC250     | 08/19/2025       | 11:37            | PD089989.D | 9.07        | 3.55        |
| PCHLORICC050      | PCHLORICC050     | 08/19/2025       | 11:51            | PD089990.D | 9.07        | 3.55        |
| LBLK              | LBLK             | 09/10/2025       | 13:55            | PD090219.D | 9.07        | 3.55        |
| PCHLORCCC500      | PCHLORCCC500     | 09/10/2025       | 15:41            | PD090222.D | 9.07        | 3.55        |
| WP0925-PT-CHLR-WP | Q3015-11         | 09/10/2025       | 16:15            | PD090224.D | 9.07        | 3.55        |
| PB169636BL        | PB169636BL       | 09/10/2025       | 17:02            | PD090227.D | 9.07        | 3.55        |
| PB169636BS        | PB169636BS       | 09/10/2025       | 17:57            | PD090231.D | 9.07        | 3.55        |
| LBLK              | LBLK             | 09/10/2025       | 18:10            | PD090232.D | 9.07        | 3.54        |
| PCHLORCCC500      | PCHLORCCC500     | 09/10/2025       | 18:38            | PD090234.D | 9.07        | 3.55        |

## Analytical Sequence

|                                                |                                                                     |
|------------------------------------------------|---------------------------------------------------------------------|
| Client: Alliance Technical Group, LLC - Newark | SDG No.: Q3015                                                      |
| Project: NJ Waste Water PT                     | Instrument ID: ECD_D                                                |
| GC Column: ZB-MR2                              | ID: 0.32 (mm)      Inst. Calib. Date(s): 08/19/2025      08/19/2025 |

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

| CLIENT ID         | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| LBLK              | LBLK             | 08/19/2025       | 09:50            | PD089983.D | 8.06        | 2.88        |
| PCHLORICC1000     | PCHLORICC1000    | 08/19/2025       | 10:30            | PD089986.D | 8.06        | 2.88        |
| PCHLORICC750      | PCHLORICC750     | 08/19/2025       | 11:10            | PD089987.D | 8.07        | 2.88        |
| PCHLORICC500      | PCHLORICC500     | 08/19/2025       | 11:24            | PD089988.D | 8.06        | 2.88        |
| PCHLORICC250      | PCHLORICC250     | 08/19/2025       | 11:37            | PD089989.D | 8.07        | 2.88        |
| PCHLORICC050      | PCHLORICC050     | 08/19/2025       | 11:51            | PD089990.D | 8.07        | 2.88        |
| LBLK              | LBLK             | 09/10/2025       | 13:55            | PD090219.D | 8.06        | 2.88        |
| PCHLORCCC500      | PCHLORCCC500     | 09/10/2025       | 15:41            | PD090222.D | 8.07        | 2.88        |
| WP0925-PT-CHLR-WP | Q3015-11         | 09/10/2025       | 16:15            | PD090224.D | 8.07        | 2.87        |
| PB169636BL        | PB169636BL       | 09/10/2025       | 17:02            | PD090227.D | 8.06        | 2.88        |
| PB169636BS        | PB169636BS       | 09/10/2025       | 17:57            | PD090231.D | 8.06        | 2.88        |
| LBLK              | LBLK             | 09/10/2025       | 18:10            | PD090232.D | 8.06        | 2.88        |
| PCHLORCCC500      | PCHLORCCC500     | 09/10/2025       | 18:38            | PD090234.D | 8.06        | 2.88        |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169636BS

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Lab Sample ID: PB169636BS

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

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

| ANALYTE   | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|-----------|-----|------|-----------|------|---------------|------|
|           |     |      | FROM      | TO   |               |      |
| Chlordane | 1   | 5.76 | 5.71      | 5.81 | 1.70          | 16.2 |
|           | 2   | 4.95 | 4.90      | 5.00 | 2.00          |      |

**COMPOUND DETECTION SUMMARY**

**CLIENT SAMPLE NO.**

**WP0925-PT-CHLR-WP**

**Lab Name:** Alliance

**Contract:** ALLI03

**Lab Code:** ACE

**SDG NO.:** Q3015

**Lab Sample ID:** Q3015-11

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

**Instrument ID (1):** ECD\_D

**Instrument ID (2):** ECD\_D

**GC Column: (1):** ZB-MR1

**ID:** 0.32 (mm)

**GC Column:(2):** ZB-MR2

**ID:** 0.32 (mm)

| ANALYTE   | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|-----------|-----|------|-----------|------|---------------|------|
|           |     |      | FROM      | TO   |               |      |
| Chlordane | 1   | 5.76 | 5.71      | 5.81 | 6.50          | 15.6 |
|           | 2   | 4.95 | 4.90      | 5.00 | 7.60          |      |



# QC SAMPLE DATA

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

## Report of Analysis

|                    |                                        |           |                    |                  |
|--------------------|----------------------------------------|-----------|--------------------|------------------|
| Client:            | Alliance Technical Group, LLC - Newark |           | Date Collected:    |                  |
| Project:           | NJ Waste Water PT                      |           | Date Received:     |                  |
| Client Sample ID:  | PB169636BL                             |           | SDG No.:           | Q3015            |
| Lab Sample ID:     | PB169636BL                             |           | Matrix:            | WATER            |
| Analytical Method: | 8081B                                  |           | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: mL | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  |                                        | uL        | Test:              | PESTICIDE Group2 |
| Extraction Type:   |                                        |           | Injection Volume : |                  |
| GPC Factor :       | 1.0                                    | PH :      |                    |                  |
| Prep Method :      | 3510C                                  |           |                    |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD090227.D        | 1         | 09/10/25 08:46 | 09/10/25 17:02 | PB169636      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 57-74-9           | Chlordane            | 0.088 | U         | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.2  |           | 57 - 171 | 106%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.7  |           | 61 - 148 | 103%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091025\  
Data File : PD090227.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2025 17:02  
Operator : AR\AJ  
Sample : PB169636BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB169636BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 08:20:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|---------|--------|--------|
| -----                       |       |       |          |         |        |        |
| System Monitoring Compounds |       |       |          |         |        |        |
| 1) SA Tetrachlo...          | 3.546 | 2.876 | 56081522 | 456.3E6 | 19.109 | 20.693 |
| 28) SA Decachlor...         | 9.066 | 8.063 | 86332730 | 549.6E6 | 20.003 | 21.232 |

Target Compounds

-----

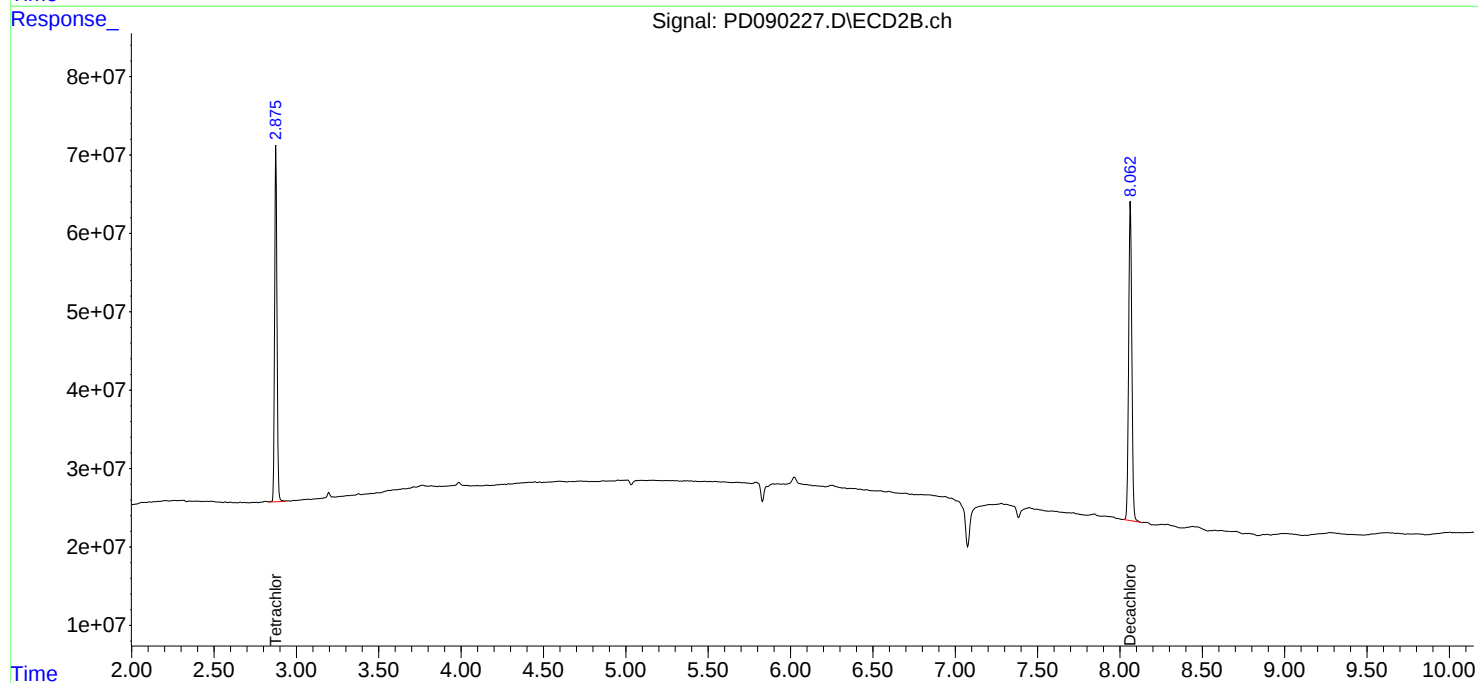
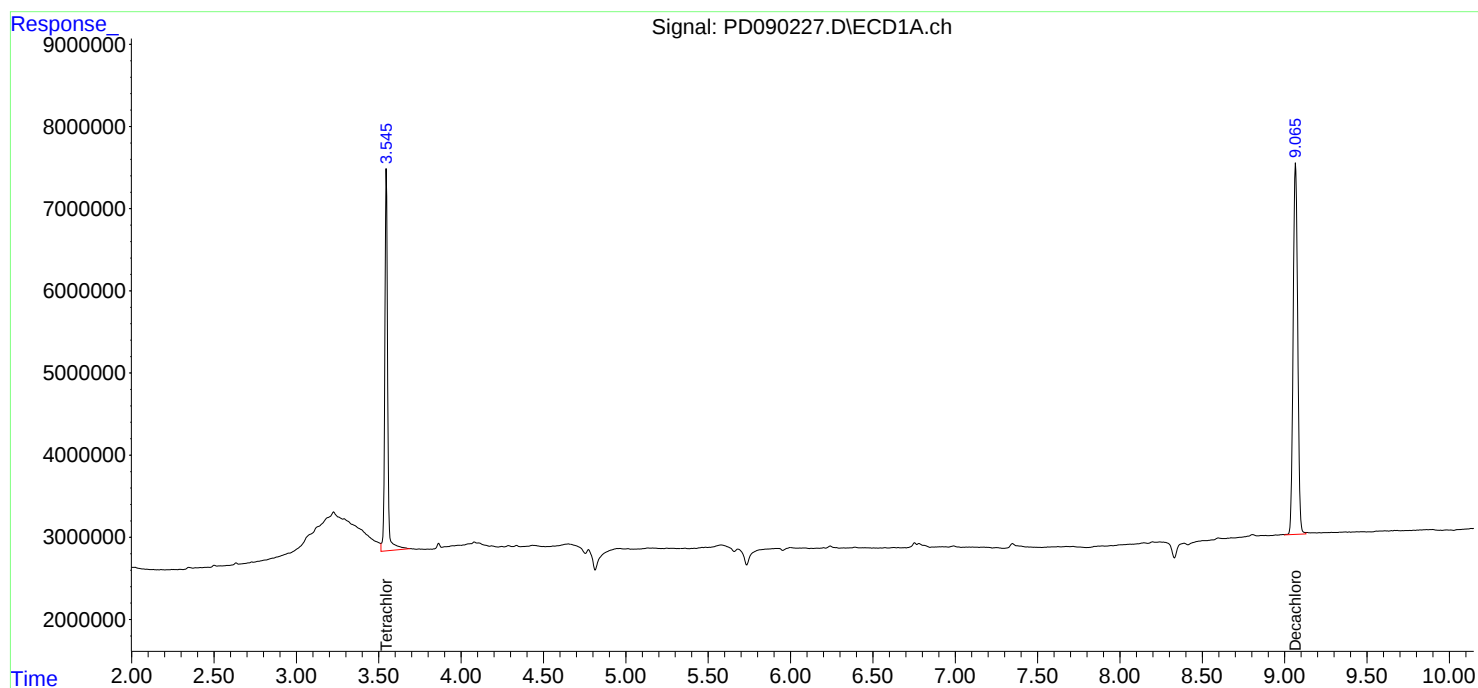
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091025\  
Data File : PD090227.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2025 17:02  
Operator : AR\AJ  
Sample : PB169636BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

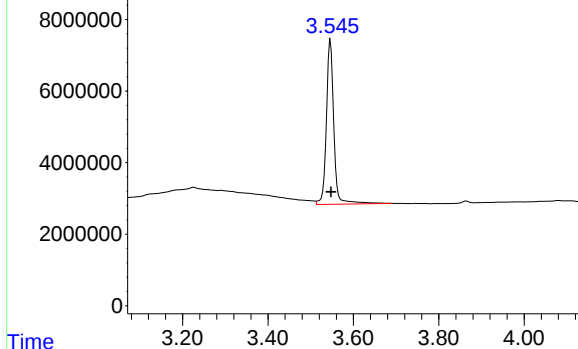
Instrument :  
ECD\_D  
ClientSampleId :  
PB169636BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 08:20:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Response\_ Signal: PD090227.D\ECD1A.ch

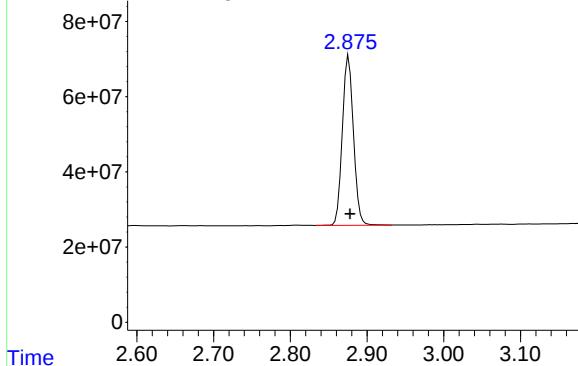


#1 Tetrachloro-m-xylene

R.T.: 3.546 min  
Delta R.T.: -0.002 min  
Response: 56081522  
Conc: 19.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB169636BL

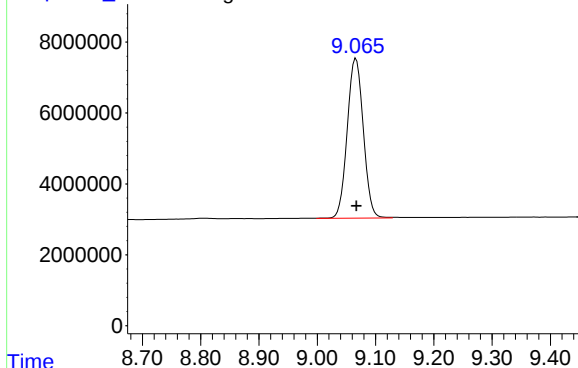
Time Response\_ Signal: PD090227.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.876 min  
Delta R.T.: -0.002 min  
Response: 456294372  
Conc: 20.69 ng/ml

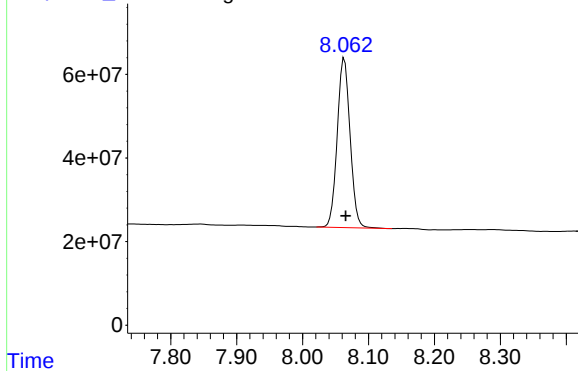
Time Response\_ Signal: PD090227.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.066 min  
Delta R.T.: 0.000 min  
Response: 86332730  
Conc: 20.00 ng/ml

Time Response\_ Signal: PD090227.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.063 min  
Delta R.T.: -0.002 min  
Response: 549613206  
Conc: 21.23 ng/ml

## Report of Analysis

|                    |                                        |        |      |                    |                  |           |
|--------------------|----------------------------------------|--------|------|--------------------|------------------|-----------|
| Client:            | Alliance Technical Group, LLC - Newark |        |      | Date Collected:    | 08/19/25         |           |
| Project:           | NJ Waste Water PT                      |        |      | Date Received:     | 08/19/25         |           |
| Client Sample ID:  | PIBLK-PD089983.D                       |        |      | SDG No.:           | Q3015            |           |
| Lab Sample ID:     | I.BLK-PD089983.D                       |        |      | Matrix:            | WATER            |           |
| Analytical Method: | 8081B                                  |        |      | % Solid:           | 0                | Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: | mL   | Final Vol:         | 10000            | uL        |
| Soil Aliquot Vol:  |                                        |        | uL   | Test:              | PESTICIDE Group2 |           |
| Extraction Type:   |                                        |        |      | Injection Volume : |                  |           |
| GPC Factor :       | 1.0                                    |        | PH : |                    |                  |           |
| Prep Method :      | 3510C                                  |        |      |                    |                  |           |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|-------------------|-----------|-----------|---------------|---------------|
| PD089983.D        | 1         |           | 08/19/25      | pd081925      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 57-74-9           | Chlordane            | 0.088 | U         | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.4  |           | 57 - 171 | 107%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.2  |           | 61 - 148 | 101%       | SPK: 20 |

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of OC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
Data File : PD089983.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 09:50  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 20 07:12:09 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.548 | 2.877 | 54983370 | 444.7E6 | 18.735 | 20.169 |
| 28)                         | SA Decachlor... | 9.068 | 8.064 | 89025095 | 553.0E6 | 20.627 | 21.363 |

Target Compounds

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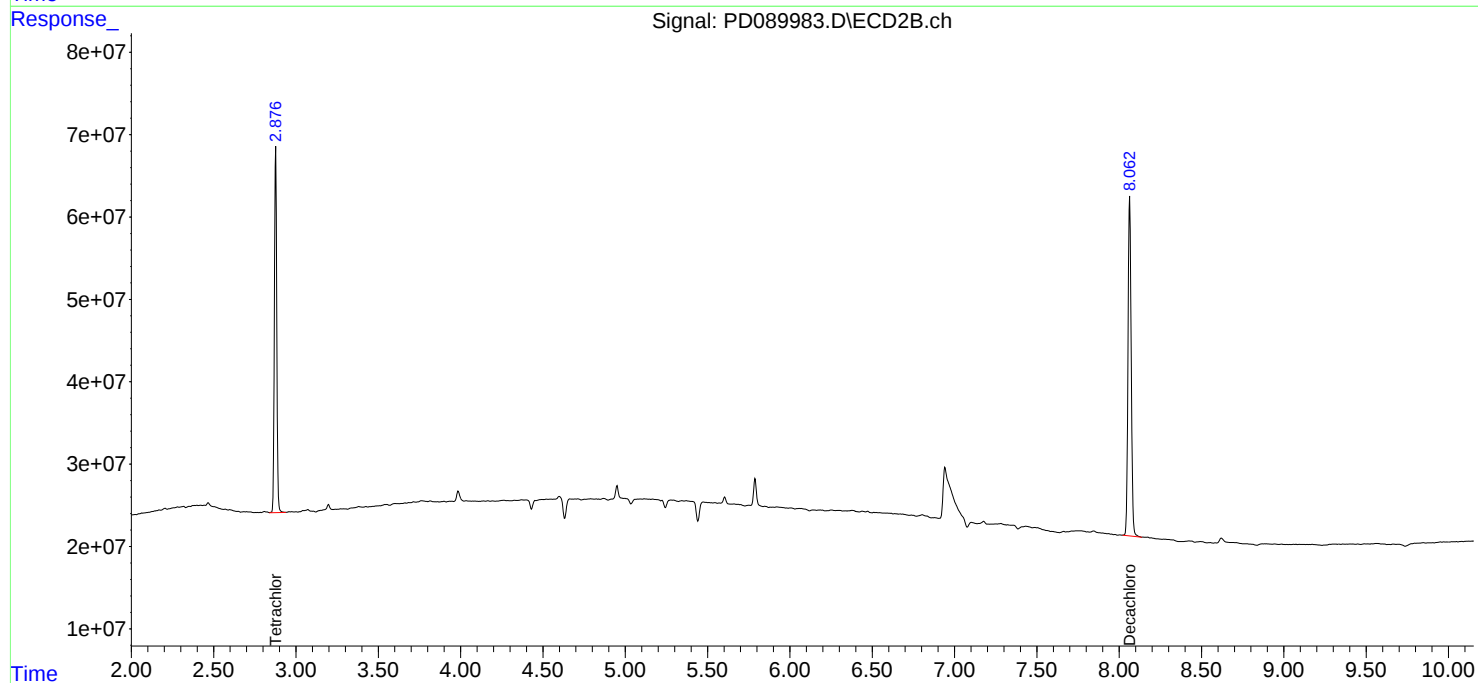
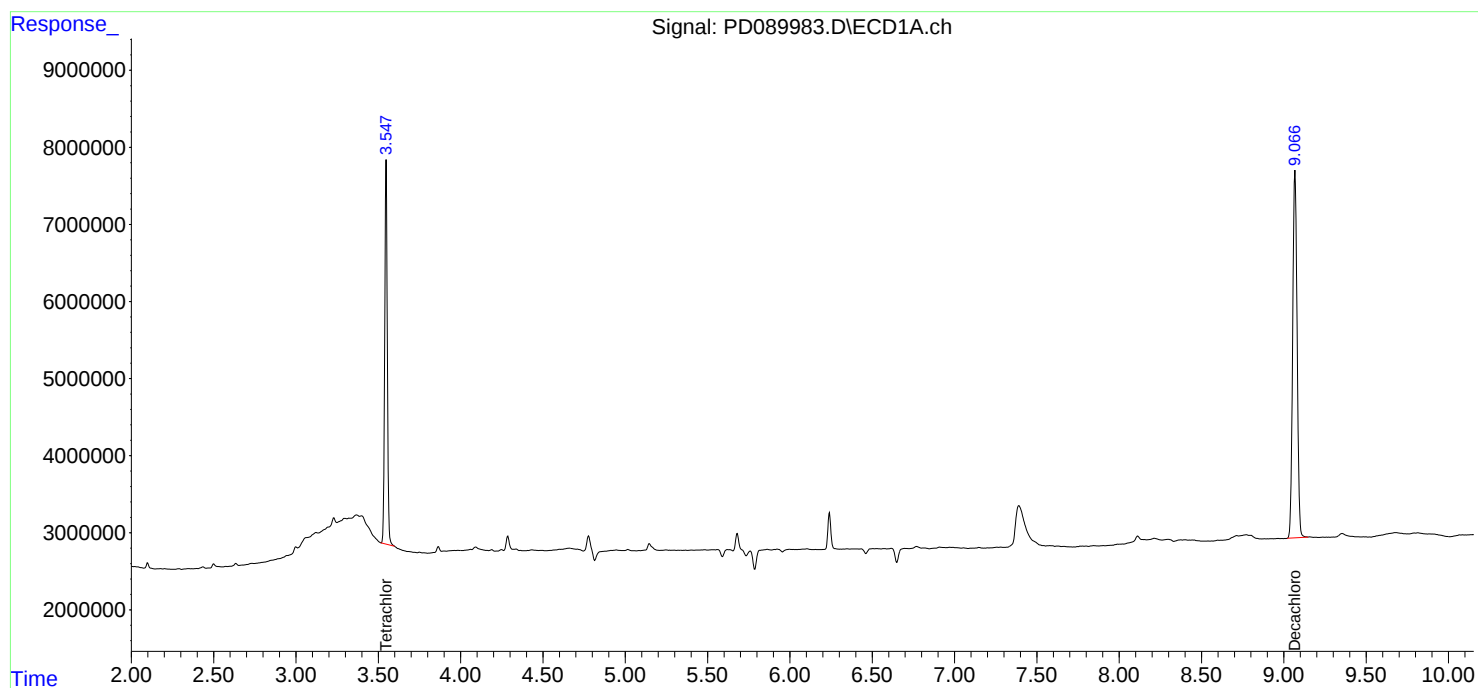
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

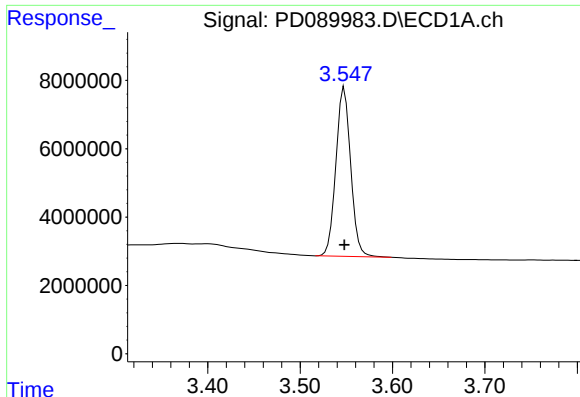
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
Data File : PD089983.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 09:50  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 20 07:12:09 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

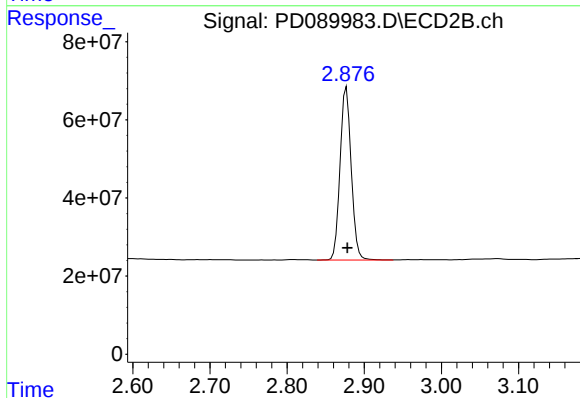




## #1 Tetrachloro-m-xylene

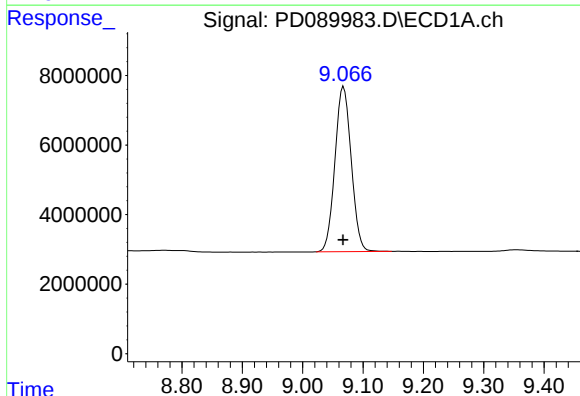
R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 54983370  
Conc: 18.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



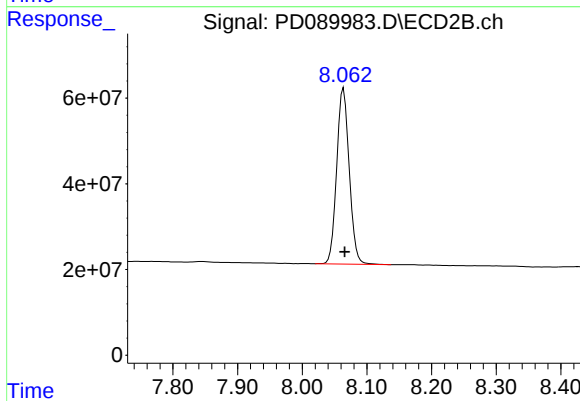
## #1 Tetrachloro-m-xylene

R.T.: 2.877 min  
Delta R.T.: 0.000 min  
Response: 444736184  
Conc: 20.17 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.000 min  
Response: 89025095  
Conc: 20.63 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.064 min  
Delta R.T.: -0.001 min  
Response: 553007094  
Conc: 21.36 ng/ml

## Report of Analysis

|                    |                                        |           |                    |                  |           |
|--------------------|----------------------------------------|-----------|--------------------|------------------|-----------|
| Client:            | Alliance Technical Group, LLC - Newark |           | Date Collected:    | 09/10/25         |           |
| Project:           | NJ Waste Water PT                      |           | Date Received:     | 09/10/25         |           |
| Client Sample ID:  | PIBLK-PD090219.D                       |           | SDG No.:           | Q3015            |           |
| Lab Sample ID:     | I.BLK-PD090219.D                       |           | Matrix:            | WATER            |           |
| Analytical Method: | 8081B                                  |           | % Solid:           | 0                | Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: mL | Final Vol:         | 10000            | uL        |
| Soil Aliquot Vol:  |                                        | uL        | Test:              | PESTICIDE Group2 |           |
| Extraction Type:   |                                        |           | Injection Volume : |                  |           |
| GPC Factor :       | 1.0                                    | PH :      |                    |                  |           |
| Prep Method :      | 3510C                                  |           |                    |                  |           |

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

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 57-74-9           | Chlordane            | 0.088 | U         | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 20.1  |           | 57 - 171 | 101%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.3  |           | 61 - 148 | 101%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

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

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

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

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.546 | 2.876 | 52514969 | 446.7E6 | 17.894 | 20.256 |
| 28)                         | SA Decachlor... | 9.066 | 8.064 | 83362172 | 520.9E6 | 19.315 | 20.123 |

Target Compounds

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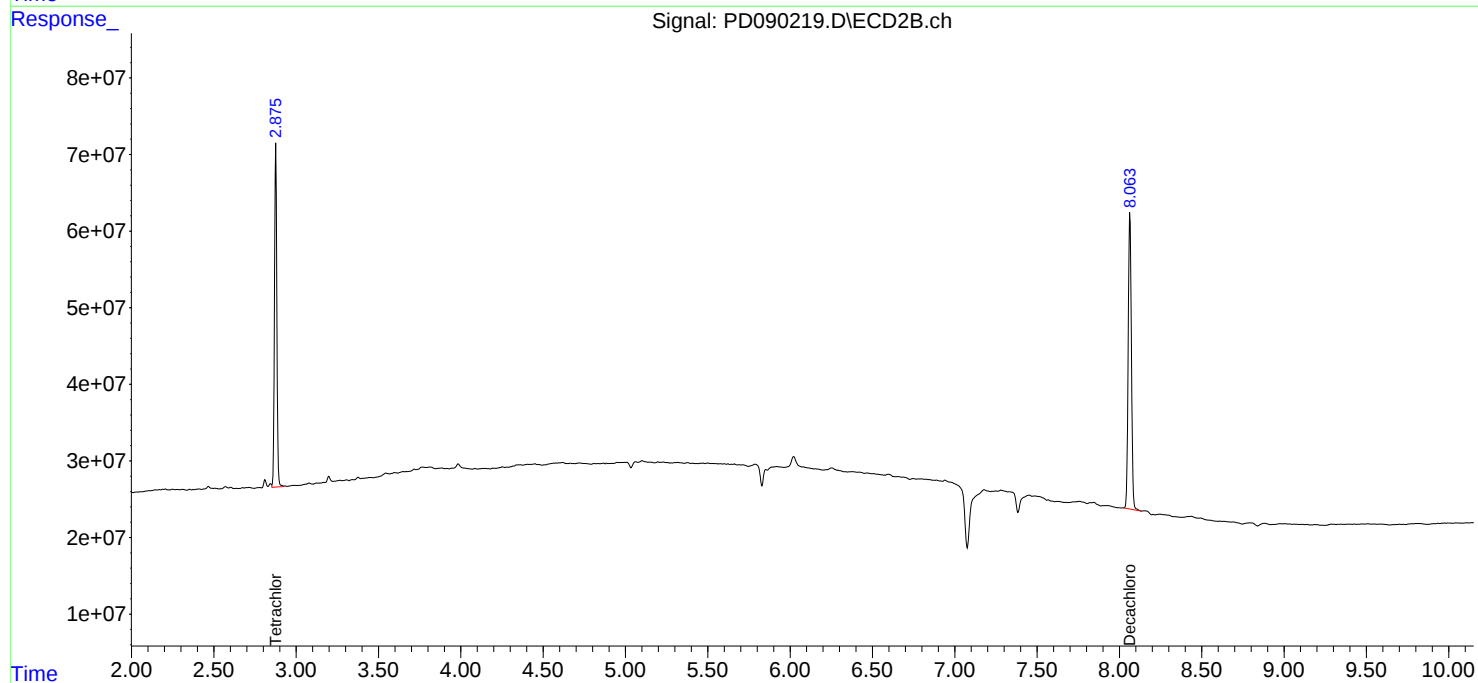
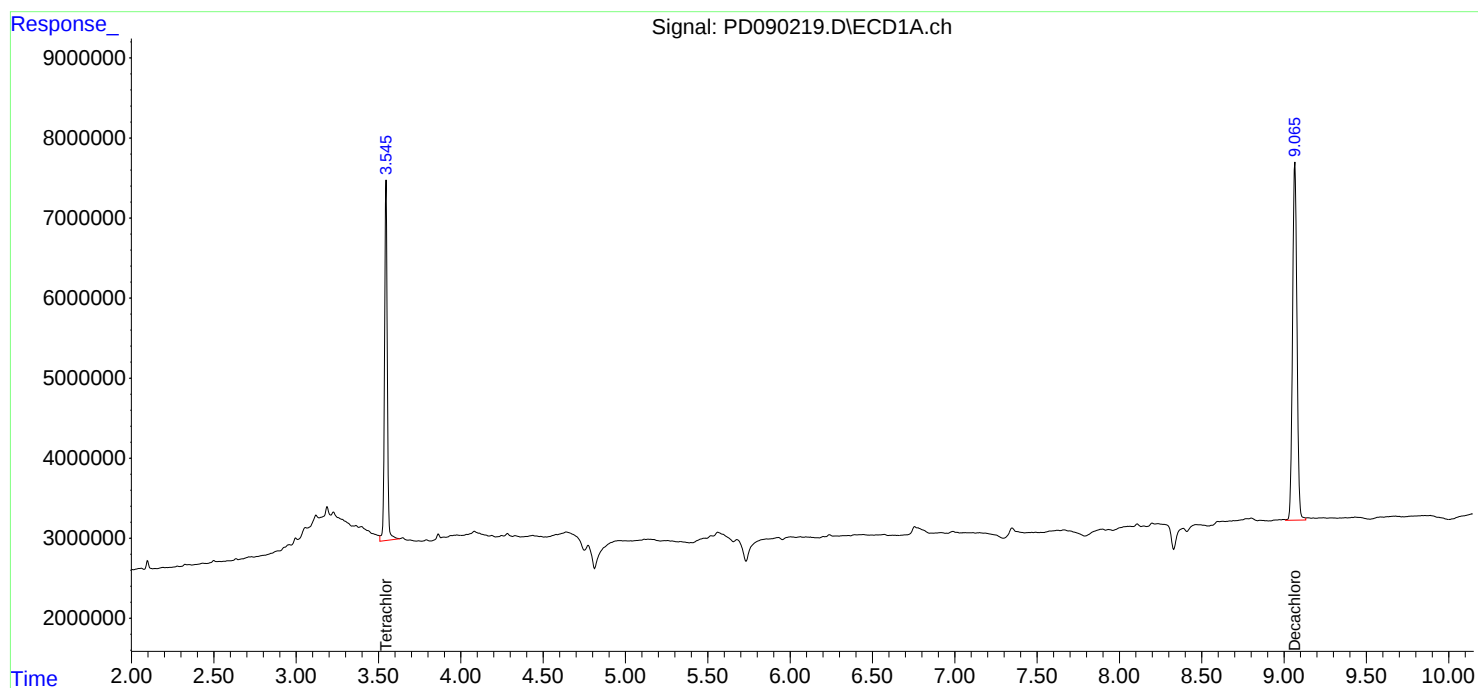
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

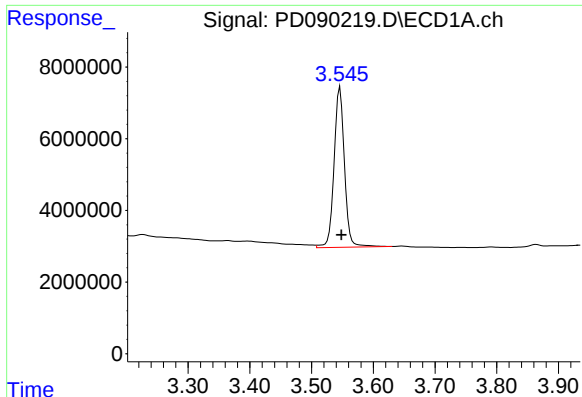
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091025\  
Data File : PD090219.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2025 13:55  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

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

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

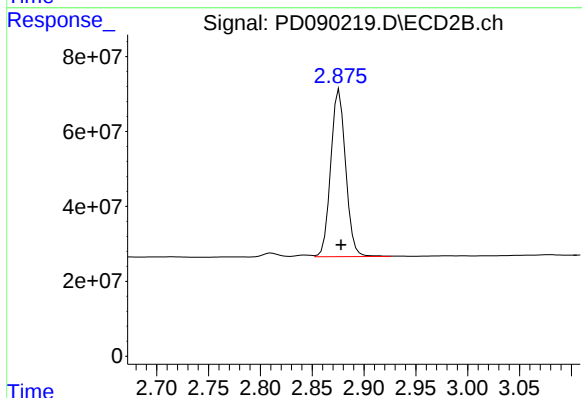




## #1 Tetrachloro-m-xylene

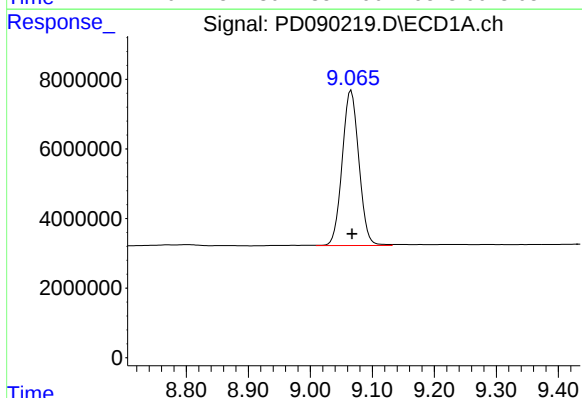
R.T.: 3.546 min  
Delta R.T.: -0.002 min  
Response: 52514969  
Conc: 17.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



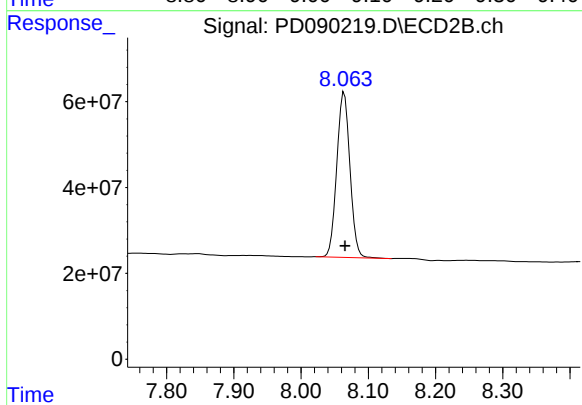
## #1 Tetrachloro-m-xylene

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



## #28 Decachlorobiphenyl

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



## #28 Decachlorobiphenyl

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

## Report of Analysis

|                    |                                        |           |                    |                  |           |
|--------------------|----------------------------------------|-----------|--------------------|------------------|-----------|
| Client:            | Alliance Technical Group, LLC - Newark |           | Date Collected:    | 09/10/25         |           |
| Project:           | NJ Waste Water PT                      |           | Date Received:     | 09/10/25         |           |
| Client Sample ID:  | PIBLK-PD090232.D                       |           | SDG No.:           | Q3015            |           |
| Lab Sample ID:     | I.BLK-PD090232.D                       |           | Matrix:            | WATER            |           |
| Analytical Method: | 8081B                                  |           | % Solid:           | 0                | Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: mL | Final Vol:         | 10000            | uL        |
| Soil Aliquot Vol:  |                                        | uL        | Test:              | PESTICIDE Group2 |           |
| Extraction Type:   |                                        |           | Injection Volume : |                  |           |
| GPC Factor :       | 1.0                                    | PH :      |                    |                  |           |
| Prep Method :      | 3510C                                  |           |                    |                  |           |

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

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 57-74-9           | Chlordane            | 0.088 | U         | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.2  |           | 57 - 171 | 106%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.4  |           | 61 - 148 | 102%       | SPK: 20 |

### Comments:

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

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

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

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025

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

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml  |
|-----------------------------|-------|-------|----------|---------|---------|--------|
| -----                       |       |       |          |         |         |        |
| System Monitoring Compounds |       |       |          |         |         |        |
| 1) SA Tetrachlo...          | 3.544 | 2.876 | 50273155 | 449.5E6 | 17.130m | 20.386 |
| 2) SA Decachlor...          | 9.065 | 8.064 | 85701622 | 547.7E6 | 19.857m | 21.156 |

Target Compounds

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

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

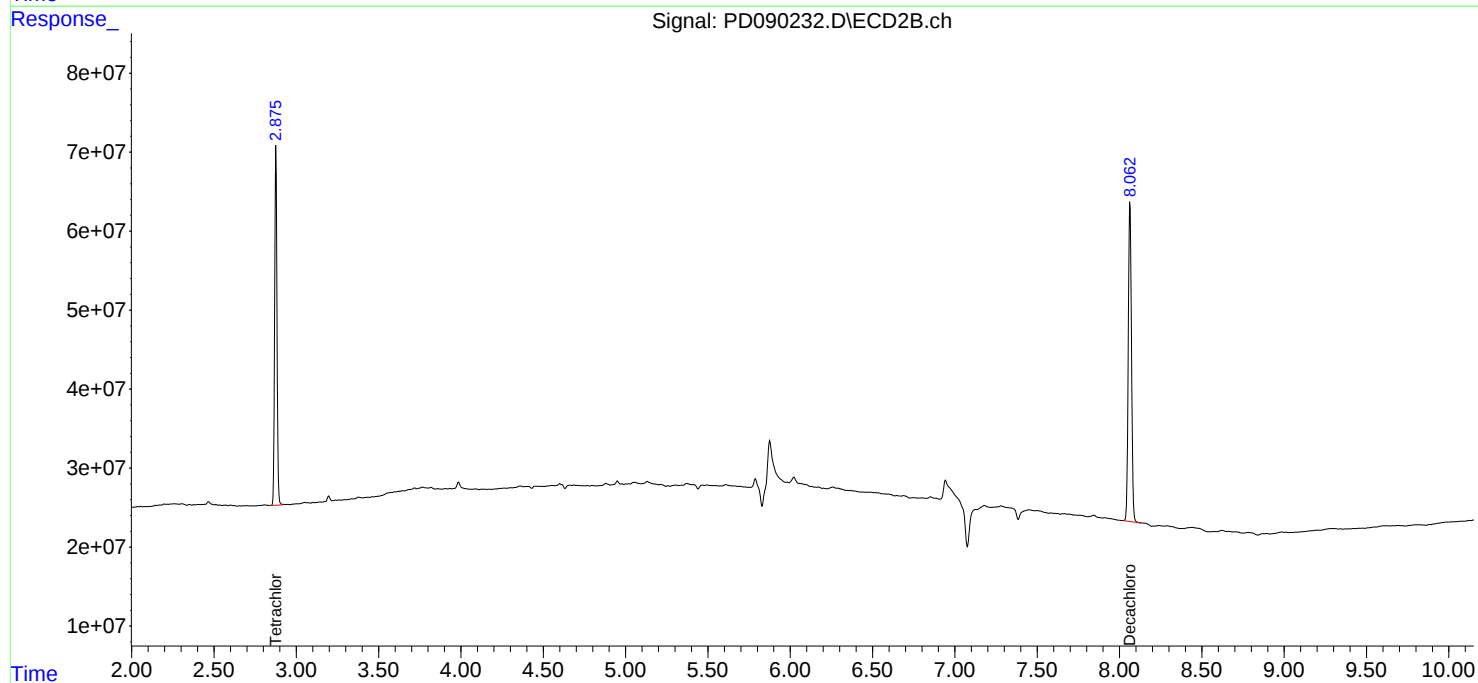
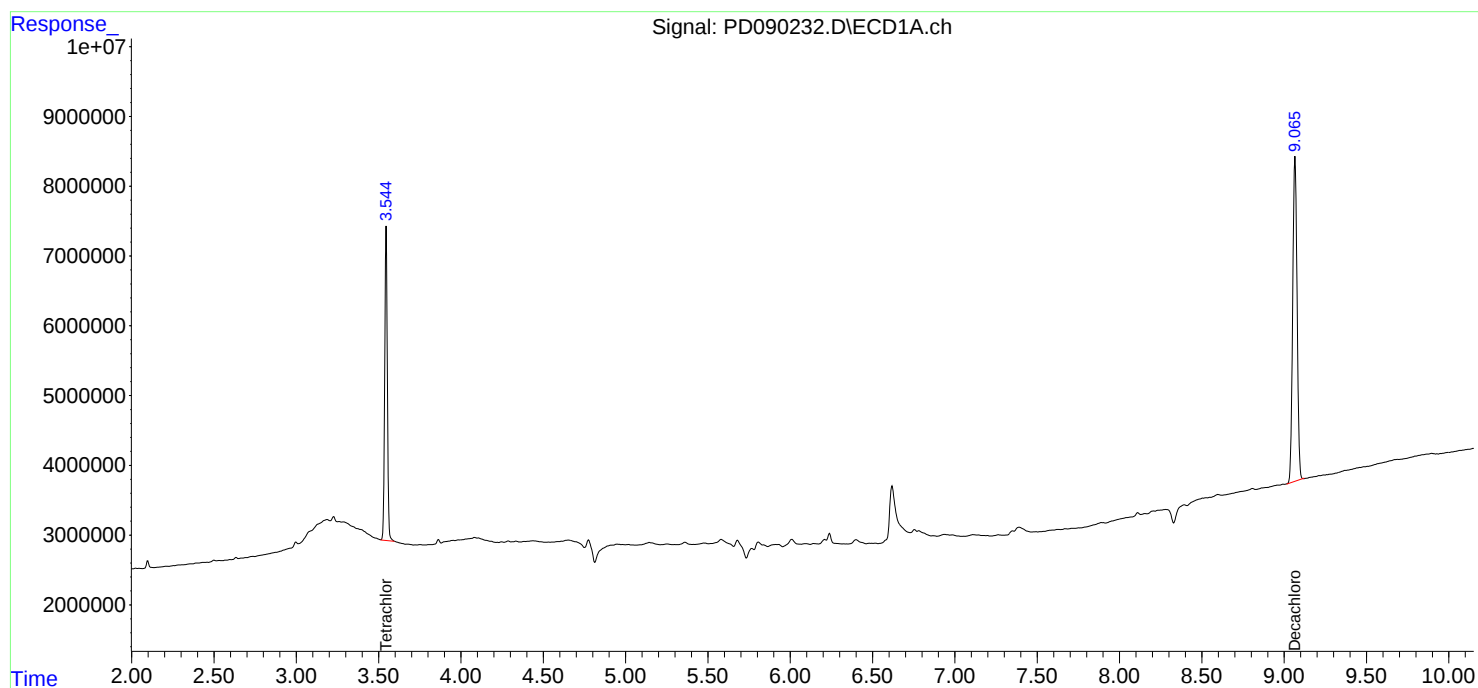
Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Manual Integrations  
APPROVED

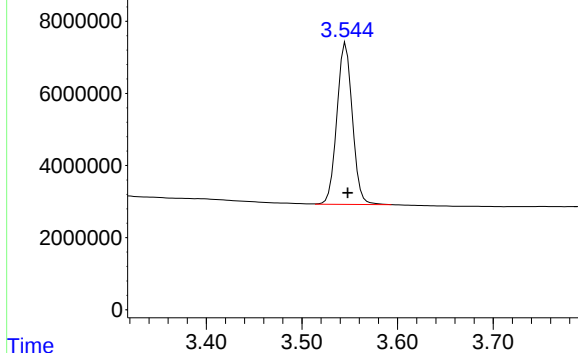
Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025

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

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



Response\_ Signal: PD090232.D\ECD1A.ch



#1 Tetrachloro-m-xylene

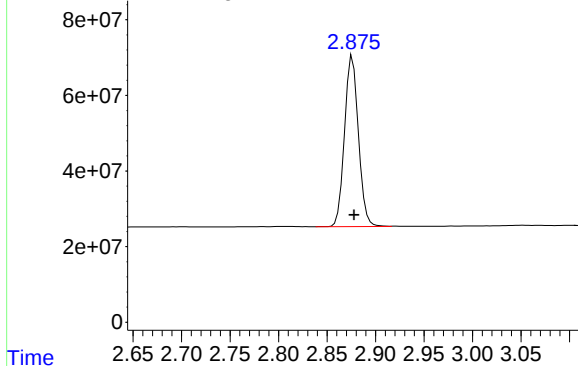
R.T.: 3.544 min  
Delta R.T.: -0.004 min  
Response: 50273155  
Conc: 17.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025

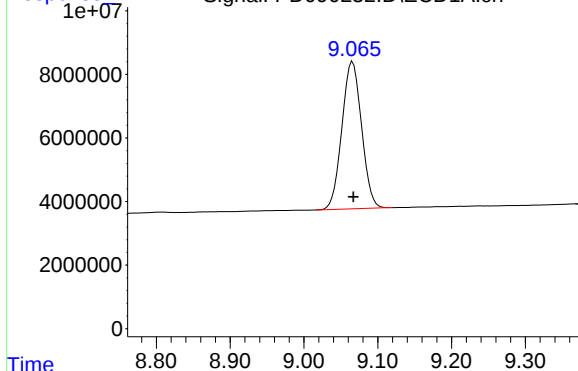
Time Response\_ Signal: PD090232.D\ECD2B.ch



#1 Tetrachloro-m-xylene

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

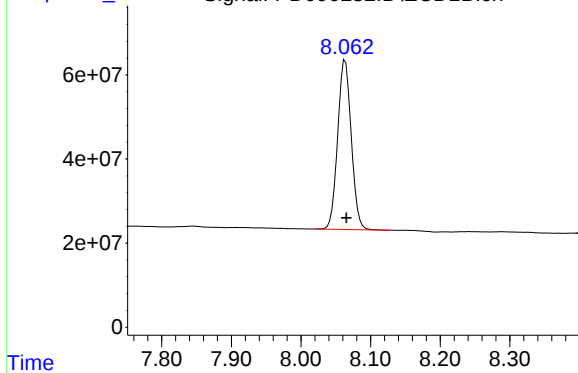
Time Response\_ Signal: PD090232.D\ECD1A.ch



#28 Decachlorobiphenyl

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

Time Response\_ Signal: PD090232.D\ECD2B.ch



#28 Decachlorobiphenyl

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

## Report of Analysis

|                    |                                        |           |                    |                  |           |
|--------------------|----------------------------------------|-----------|--------------------|------------------|-----------|
| Client:            | Alliance Technical Group, LLC - Newark |           | Date Collected:    |                  |           |
| Project:           | NJ Waste Water PT                      |           | Date Received:     |                  |           |
| Client Sample ID:  | PB169636BS                             |           | SDG No.:           | Q3015            |           |
| Lab Sample ID:     | PB169636BS                             |           | Matrix:            | WATER            |           |
| Analytical Method: | 8081B                                  |           | % Solid:           | 0                | Decanted: |
| Sample Wt/Vol:     | 1000                                   | Units: mL | Final Vol:         | 10000            | uL        |
| Soil Aliquot Vol:  |                                        | uL        | Test:              | PESTICIDE Group2 |           |
| Extraction Type:   |                                        |           | Injection Volume : |                  |           |
| GPC Factor :       | 1.0                                    | PH :      |                    |                  |           |
| Prep Method :      | 3510C                                  |           |                    |                  |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD090231.D        | 1         | 09/10/25 08:46 | 09/10/25 17:57 | PB169636      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 57-74-9           | Chlordane            | 2.00  |           | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 19.8  |           | 57 - 171 | 99%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 21.7  |           | 61 - 148 | 109%       | 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 &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091025\  
 Data File : PD090231.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Sep 2025 17:57  
 Operator : AR\AJ  
 Sample : PB169636BS  
 Misc : BS / CHLOR  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**

ECD\_D

**ClientSampleId :**

PB169636BS

**Manual Integrations****APPROVED**

Reviewed By :Abdul Mirza 09/11/2025

Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 08:21:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml    | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|---------|----------|----------|
| -----                       |                 |       |       |          |         |          |          |
| System Monitoring Compounds |                 |       |       |          |         |          |          |
| 1)                          | SA Tetrachlo... | 3.545 | 2.877 | 44191800 | 478.6E6 | 15.058m  | 21.704 # |
| 28)                         | SA Decachlor... | 9.066 | 8.064 | 79436014 | 511.2E6 | 18.405   | 19.749   |
| Target Compounds            |                 |       |       |          |         |          |          |
| 23)                         | Chlordane-1     | 4.709 | 3.900 | 29264668 | 173.9E6 | 170.395m | 195.660  |
| 24)                         | Chlordane-2     | 5.237 | 4.482 | 30677432 | 187.7E6 | 174.282  | 195.907  |
| 25)                         | Chlordane-3     | 5.941 | 5.120 | 110.8E6  | 554.5E6 | 163.368m | 200.098  |
| 26)                         | Chlordane-4     | 6.026 | 5.184 | 138.4E6  | 476.6E6 | 166.709m | 198.032  |
| 27)                         | Chlordane-5     | 6.866 | 6.083 | 25241943 | 223.0E6 | 180.099  | 202.764  |
| -----                       |                 |       |       |          |         |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091025\  
Data File : PD090231.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2025 17:57  
Operator : AR\AJ  
Sample : PB169636BS  
Misc : BS / CHLOR  
ALS Vial : 11 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PB169636BS

## Manual Integrations

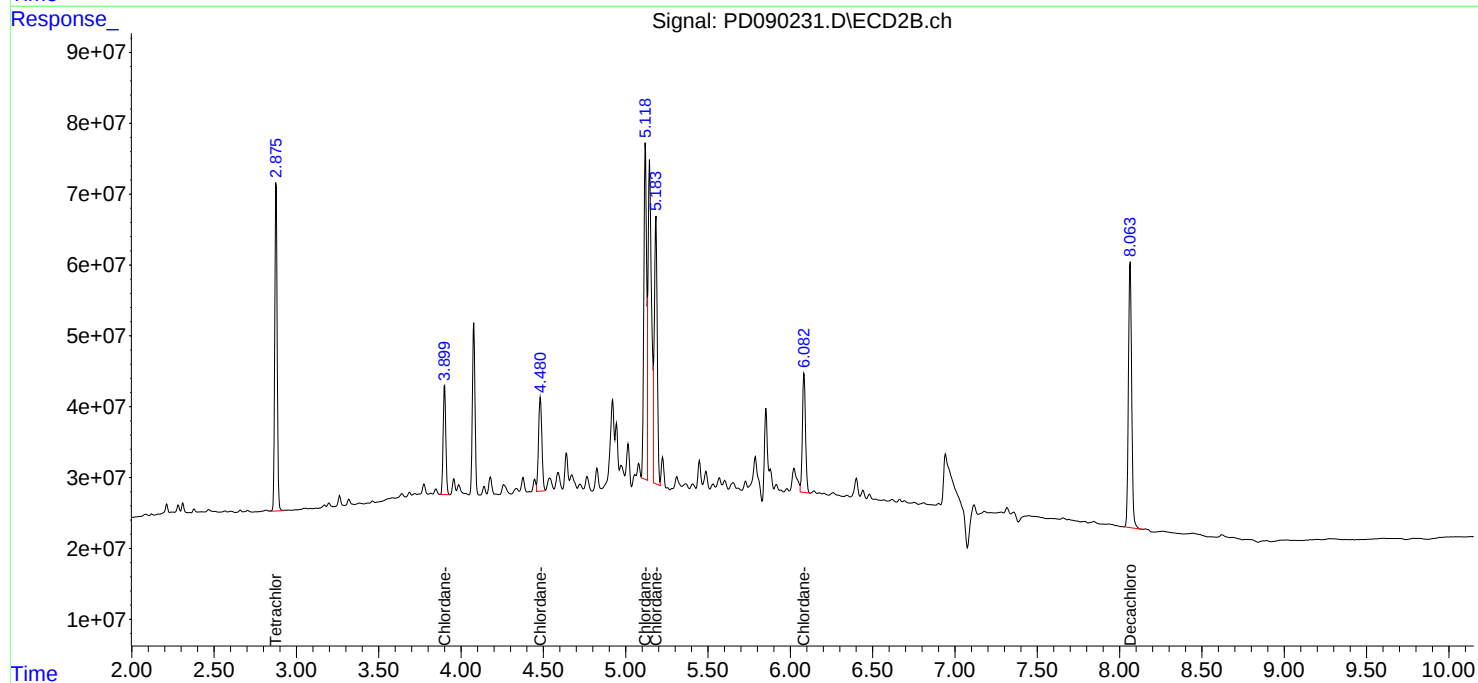
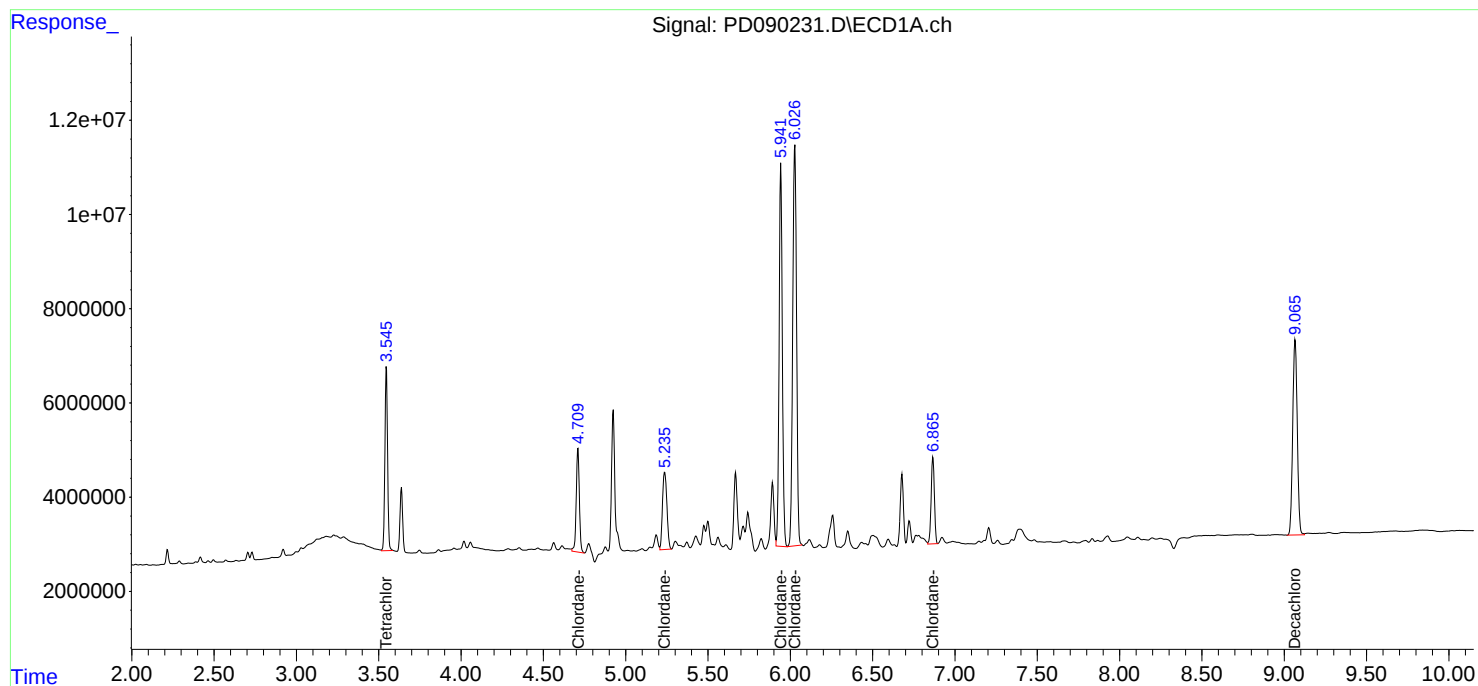
APPROVED

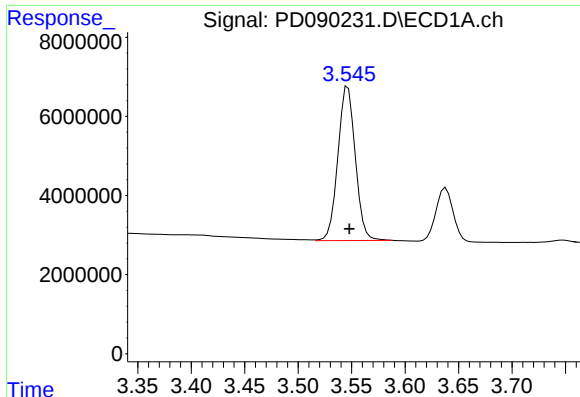
Reviewed By :Abdul Mirza 09/11/2025

Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 08:21:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





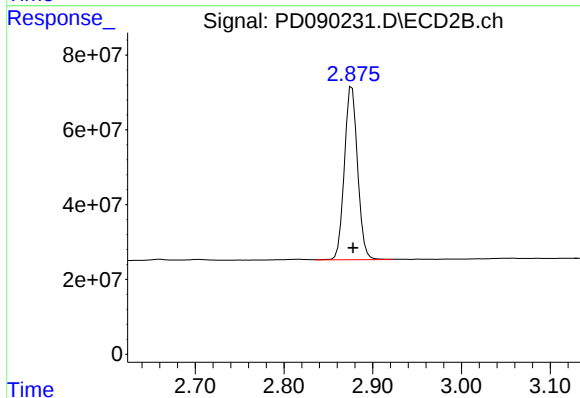
## #1 Tetrachloro-m-xylene

R.T.: 3.545 min  
Delta R.T.: -0.003 min  
Response: 44191800  
Conc: 15.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB169636BS

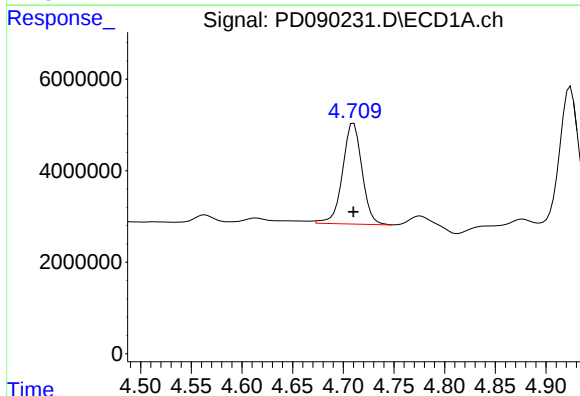
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025



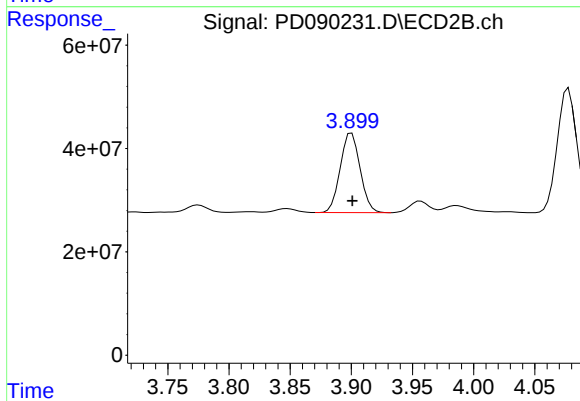
## #1 Tetrachloro-m-xylene

R.T.: 2.877 min  
Delta R.T.: -0.001 min  
Response: 478578616  
Conc: 21.70 ng/ml



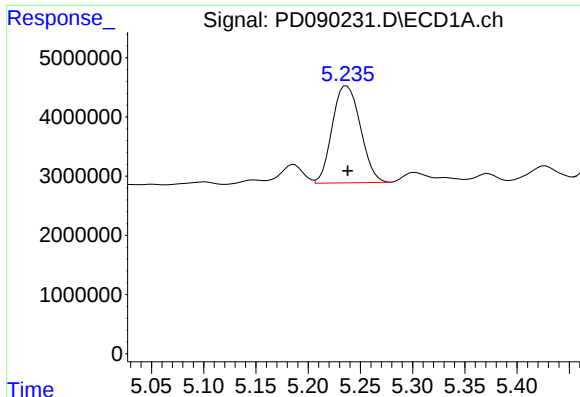
## #23 Chlordane-1

R.T.: 4.709 min  
Delta R.T.: 0.000 min  
Response: 29264668  
Conc: 170.40 ng/ml m



## #23 Chlordane-1

R.T.: 3.900 min  
Delta R.T.: 0.000 min  
Response: 173928034  
Conc: 195.66 ng/ml



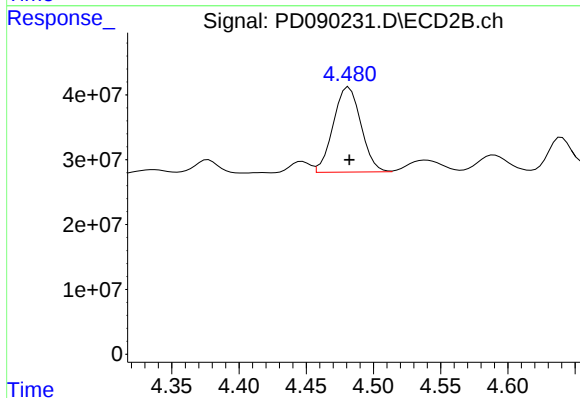
#24 Chlordane-2

R.T.: 5.237 min  
Delta R.T.: -0.001 min  
Response: 30677432  
Conc: 174.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB169636BS

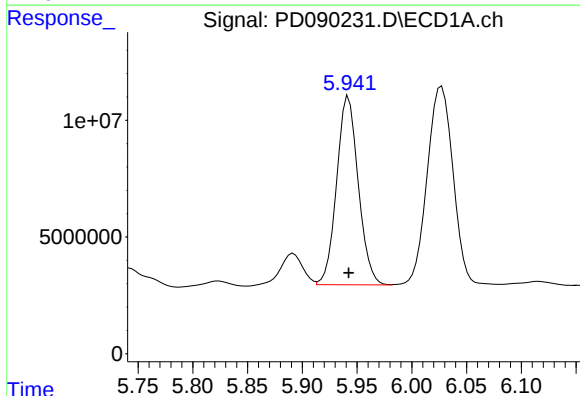
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025



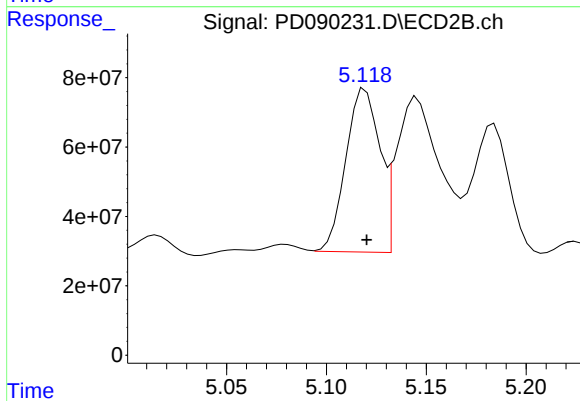
#24 Chlordane-2

R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 187669363  
Conc: 195.91 ng/ml



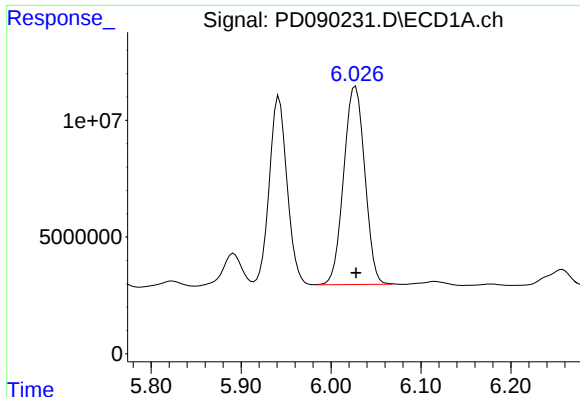
#25 Chlordane-3

R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 110796887  
Conc: 163.37 ng/ml m



#25 Chlordane-3

R.T.: 5.120 min  
Delta R.T.: 0.000 min  
Response: 554464123  
Conc: 200.10 ng/ml



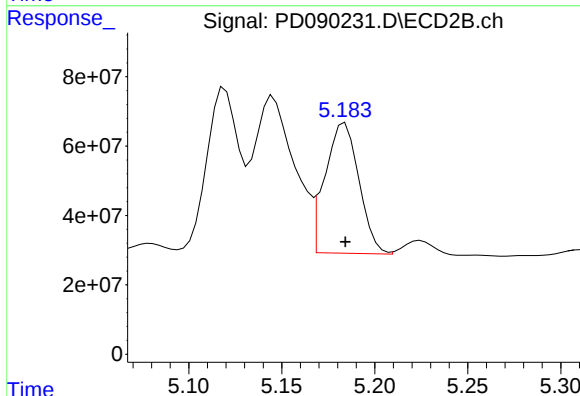
#26 Chlordane-4

R.T.: 6.026 min  
Delta R.T.: -0.002 min  
Response: 138409354  
Conc: 166.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB169636BS

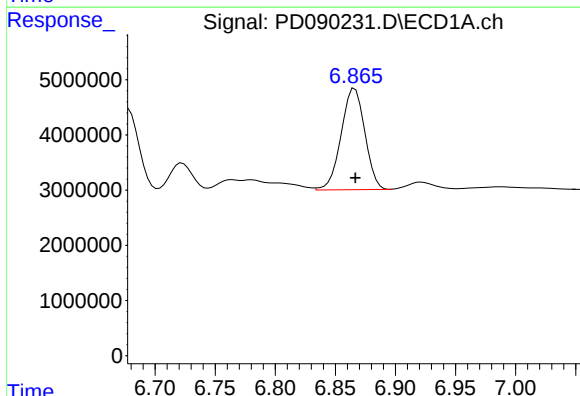
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025



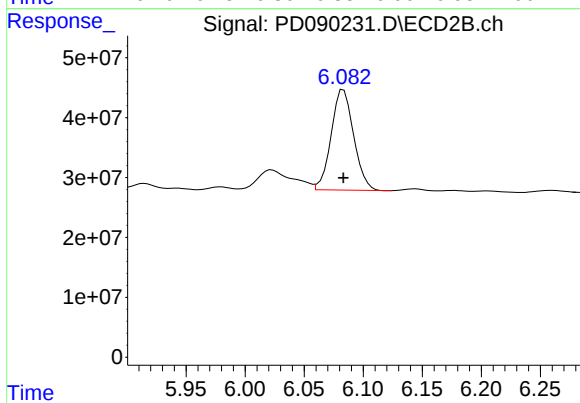
#26 Chlordane-4

R.T.: 5.184 min  
Delta R.T.: 0.000 min  
Response: 476647529  
Conc: 198.03 ng/ml



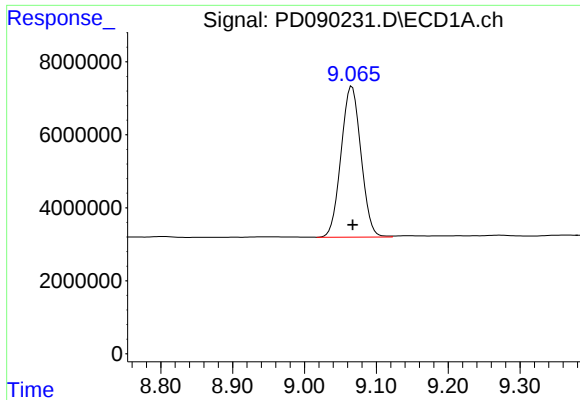
#27 Chlordane-5

R.T.: 6.866 min  
Delta R.T.: 0.000 min  
Response: 25241943  
Conc: 180.10 ng/ml



#27 Chlordane-5

R.T.: 6.083 min  
Delta R.T.: 0.000 min  
Response: 223034537  
Conc: 202.76 ng/ml



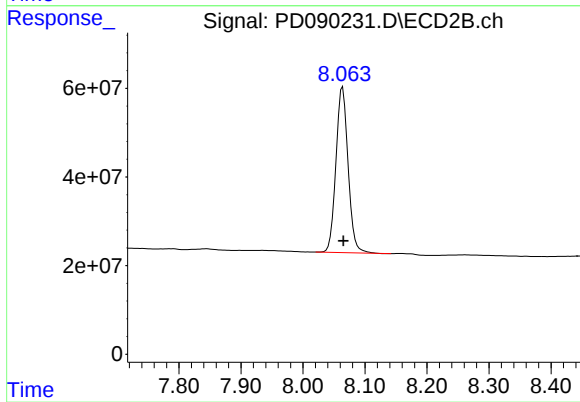
#28 Decachlorobiphenyl

R.T.: 9.066 min  
Delta R.T.: 0.000 min  
Response: 79436014  
Conc: 18.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB169636BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/11/2025  
Supervised By :mohammad ahmed 09/16/2025



#28 Decachlorobiphenyl

R.T.: 8.064 min  
Delta R.T.: -0.001 min  
Response: 511231443  
Conc: 19.75 ng/ml

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd081925 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter          | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|--------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PEM          | PD089984.D | Endrin ketone      | Abdul     | 8/21/2025 9:27:07 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PEM          | PD089984.D | Endrin ketone #2   | Abdul     | 8/21/2025 9:27:07 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PCHLORICC050 | PD089990.D | Chlordane-1        | Abdul     | 8/20/2025 8:41:31 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PEM          | PD089993.D | 4,4"-DDD           | Abdul     | 8/20/2025 8:41:34 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PEM          | PD089993.D | Endrin ketone      | Abdul     | 8/20/2025 8:41:34 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PEM          | PD089993.D | Endrin ketone #2   | Abdul     | 8/20/2025 8:41:34 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PTOXCCC500   | PD089996.D | Toxaphene-5        | Abdul     | 8/20/2025 8:41:37 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PSTDCCC050   | PD090000.D | gamma-Chlordane #2 | Abdul     | 8/20/2025 8:41:10 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd091025 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter           | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|---------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PEM          | PD090220.D | 4,4"-DDD #2         | Abdul     | 9/11/2025 1:09:45 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PEM          | PD090220.D | 4,4"-DDT            | Abdul     | 9/11/2025 1:09:45 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PEM          | PD090220.D | Endrin              | Abdul     | 9/11/2025 1:09:45 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PEM          | PD090220.D | gamma-BHC (Lindane) | Abdul     | 9/11/2025 1:09:45 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050   | PD090221.D | 4,4"-DDT            | Abdul     | 9/11/2025 1:09:48 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050   | PD090221.D | Aldrin              | Abdul     | 9/11/2025 1:09:48 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050   | PD090221.D | alpha-Chlordane     | Abdul     | 9/11/2025 1:09:48 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050   | PD090221.D | Dieldrin            | Abdul     | 9/11/2025 1:09:48 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050   | PD090221.D | Endosulfan Sulfate  | Abdul     | 9/11/2025 1:09:48 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050   | PD090221.D | Endrin              | Abdul     | 9/11/2025 1:09:48 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050   | PD090221.D | gamma-BHC (Lindane) | Abdul     | 9/11/2025 1:09:48 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PCHLORCCC500 | PD090222.D | Chlordane-1         | Abdul     | 9/11/2025 1:09:51 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PCHLORCCC500 | PD090222.D | Chlordane-4         | Abdul     | 9/11/2025 1:09:51 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd091025 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter               | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|-------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| Q3015-11   | PD090224.D | Chlordane-1             | Abdul     | 9/11/2025 1:09:56 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| Q3015-11   | PD090224.D | Tetrachloro-m-xylene    | Abdul     | 9/11/2025 1:09:56 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| Q3015-11   | PD090224.D | Tetrachloro-m-xylene #2 | Abdul     | 9/11/2025 1:09:56 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PB169636BS | PD090231.D | Chlordane-1             | Abdul     | 9/11/2025 1:10:12 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PB169636BS | PD090231.D | Chlordane-3             | Abdul     | 9/11/2025 1:10:12 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PB169636BS | PD090231.D | Chlordane-4             | Abdul     | 9/11/2025 1:10:12 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PB169636BS | PD090231.D | Tetrachloro-m-xylene    | Abdul     | 9/11/2025 1:10:12 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| I.BLK      | PD090232.D | Decachlorobiphenyl      | Abdul     | 9/11/2025 1:10:15 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| I.BLK      | PD090232.D | Tetrachloro-m-xylene    | Abdul     | 9/11/2025 1:10:15 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050 | PD090233.D | 4,4"-DDT                | Abdul     | 9/15/2025 9:11:23 AM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050 | PD090233.D | Aldrin                  | Abdul     | 9/15/2025 9:11:23 AM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050 | PD090233.D | alpha-Chlordane         | Abdul     | 9/15/2025 9:11:23 AM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050 | PD090233.D | Dieldrin                | Abdul     | 9/15/2025 9:11:23 AM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd091025 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter           | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|---------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PSTDCCC050   | PD090233.D | Endosulfan I        | Abdul     | 9/15/2025 9:11:23 AM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050   | PD090233.D | Endosulfan Sulfate  | Abdul     | 9/15/2025 9:11:23 AM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050   | PD090233.D | Endrin              | Abdul     | 9/15/2025 9:11:23 AM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050   | PD090233.D | Endrin aldehyde     | Abdul     | 9/15/2025 9:11:23 AM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PSTDCCC050   | PD090233.D | gamma-BHC (Lindane) | Abdul     | 9/15/2025 9:11:23 AM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PCHLORCCC500 | PD090234.D | Chlordane-1         | Abdul     | 9/11/2025 1:09:27 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |
| PCHLORCCC500 | PD090234.D | Chlordane-3         | Abdul     | 9/11/2025 1:09:27 PM | mohammad      | 9/16/2025 4:00:37 | Peak Integrated by Software |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD081925**

|                          |                                                                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                   | Review On         | 8/20/2025 8:42:02 AM               |
| Supervise By             | mohammad                                                                                                                                | Supervise On      | 8/22/2025 2:04:20 AM               |
| SubDirectory             | PD081925                                                                                                                                | HP Acquire Method | HP Processing Method pd081825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                        |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                         |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                         |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                                                                         |                   |                                    |
| LCS Standard             |                                                                                                                                         |                   |                                    |

| Sr# | Sampleld      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PD089982.D     | 19 Aug 2025 09:36 | AR\AJ    | Ok     |
| 2   | I.BLK         | PD089983.D     | 19 Aug 2025 09:50 | AR\AJ    | Ok     |
| 3   | PEM           | PD089984.D     | 19 Aug 2025 10:03 | AR\AJ    | Ok,M   |
| 4   | RESCHK        | PD089985.D     | 19 Aug 2025 10:17 | AR\AJ    | Ok     |
| 5   | PCHLORICC1000 | PD089986.D     | 19 Aug 2025 10:30 | AR\AJ    | Ok     |
| 6   | PCHLORICC750  | PD089987.D     | 19 Aug 2025 11:10 | AR\AJ    | Ok     |
| 7   | PCHLORICC500  | PD089988.D     | 19 Aug 2025 11:24 | AR\AJ    | Ok     |
| 8   | PCHLORICC250  | PD089989.D     | 19 Aug 2025 11:37 | AR\AJ    | Ok     |
| 9   | PCHLORICC050  | PD089990.D     | 19 Aug 2025 11:51 | AR\AJ    | Ok,M   |
| 10  | PCHLORICV500  | PD089991.D     | 19 Aug 2025 12:28 | AR\AJ    | Ok     |
| 11  | I.BLK         | PD089992.D     | 19 Aug 2025 13:29 | AR\AJ    | Ok     |
| 12  | PEM           | PD089993.D     | 19 Aug 2025 13:43 | AR\AJ    | Ok,M   |
| 13  | PSTDCCC050    | PD089994.D     | 19 Aug 2025 13:56 | AR\AJ    | Ok     |
| 14  | PCHLORCCC500  | PD089995.D     | 19 Aug 2025 14:48 | AR\AJ    | Ok     |
| 15  | PTOXCCC500    | PD089996.D     | 19 Aug 2025 15:04 | AR\AJ    | Ok,M   |
| 16  | PB169206BS    | PD089997.D     | 19 Aug 2025 16:02 | AR\AJ    | Ok     |
| 17  | PB169206BS    | PD089998.D     | 19 Aug 2025 16:16 | AR\AJ    | Ok     |
| 18  | I.BLK         | PD089999.D     | 19 Aug 2025 16:38 | AR\AJ    | Ok     |
| 19  | PSTDCCC050    | PD090000.D     | 19 Aug 2025 16:52 | AR\AJ    | Ok,M   |
| 20  | PCHLORCCC500  | PD090001.D     | 19 Aug 2025 17:05 | AR\AJ    | Ok     |
| 21  | PTOXCCC500    | PD090002.D     | 19 Aug 2025 17:19 | AR\AJ    | Ok     |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD091025**

|                          |                                                                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                   | Review On         | 9/11/2025 1:10:37 PM               |
| Supervise By             | mohammad                                                                                                                                | Supervise On      | 9/16/2025 4:00:37 AM               |
| SubDirectory             | PD091025                                                                                                                                | HP Acquire Method | HP Processing Method pd081825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                        |                   |                                    |
| Tune/Reschk              | PP24890,PP24651                                                                                                                         |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                         |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                                                                         |                   |                                    |
| LCS Standard             |                                                                                                                                         |                   |                                    |

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

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD081925**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 8/20/2025 8:42:02 AM               |
| Supervise By | mohammad | Supervise On      | 8/22/2025 2:04:20 AM               |
| SubDirectory | PD081925 | HP Acquire Method | HP Processing Method pd081825 8081 |

| STD. NAME                | STD REF.#                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP24433,PP24651                                                                                                                             |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P<br>P24763,PP24764 |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                     |
| Internal Standard/PEM    |                                                                                                                                             |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                     |
| Surrogate Standard       |                                                                                                                                             |
| MS/MSD Standard          |                                                                                                                                             |
| LCS Standard             |                                                                                                                                             |

| Sr# | Sampleld      | ClientID         | Data File Name | Date-Time         | Comment  | Operator | Status |
|-----|---------------|------------------|----------------|-------------------|----------|----------|--------|
| 1   | HEXANE        | HEXANE           | PD089982.D     | 19 Aug 2025 09:36 |          | AR\AJ    | Ok     |
| 2   | I.BLK         | I.BLK            | PD089983.D     | 19 Aug 2025 09:50 |          | AR\AJ    | Ok     |
| 3   | PEM           | PEM              | PD089984.D     | 19 Aug 2025 10:03 |          | AR\AJ    | Ok,M   |
| 4   | RESCHK        | RESCHK           | PD089985.D     | 19 Aug 2025 10:17 |          | AR\AJ    | Ok     |
| 5   | PCHLORICC1000 | PCHLORICC1000    | PD089986.D     | 19 Aug 2025 10:30 |          | AR\AJ    | Ok     |
| 6   | PCHLORICC750  | PCHLORICC750     | PD089987.D     | 19 Aug 2025 11:10 |          | AR\AJ    | Ok     |
| 7   | PCHLORICC500  | PCHLORICC500     | PD089988.D     | 19 Aug 2025 11:24 |          | AR\AJ    | Ok     |
| 8   | PCHLORICC250  | PCHLORICC250     | PD089989.D     | 19 Aug 2025 11:37 |          | AR\AJ    | Ok     |
| 9   | PCHLORICC050  | PCHLORICC050     | PD089990.D     | 19 Aug 2025 11:51 |          | AR\AJ    | Ok,M   |
| 10  | PCHLORICV500  | ICVPD081825CHLOR | PD089991.D     | 19 Aug 2025 12:28 |          | AR\AJ    | Ok     |
| 11  | I.BLK         | I.BLK            | PD089992.D     | 19 Aug 2025 13:29 |          | AR\AJ    | Ok     |
| 12  | PEM           | PEM              | PD089993.D     | 19 Aug 2025 13:43 |          | AR\AJ    | Ok,M   |
| 13  | PSTDCCC050    | PSTDCCC050       | PD089994.D     | 19 Aug 2025 13:56 |          | AR\AJ    | Ok     |
| 14  | PCHLORCCC500  | PCHLORCCC500     | PD089995.D     | 19 Aug 2025 14:48 |          | AR\AJ    | Ok     |
| 15  | PTOXCCC500    | PTOXCCC500       | PD089996.D     | 19 Aug 2025 15:04 |          | AR\AJ    | Ok,M   |
| 16  | PB169206BS    | PB169206BS       | PD089997.D     | 19 Aug 2025 16:02 | CHLOR BS | AR\AJ    | Ok     |
| 17  | PB169206BS    | PB169206BS       | PD089998.D     | 19 Aug 2025 16:16 | TOX BS   | AR\AJ    | Ok     |
| 18  | I.BLK         | I.BLK            | PD089999.D     | 19 Aug 2025 16:38 |          | AR\AJ    | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD081925**

| Review By                | Abdul                                                                                                                                       | Review On         | 8/20/2025 8:42:02 AM               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | mohammad                                                                                                                                    | Supervise On      | 8/22/2025 2:04:20 AM               |
| SubDirectory             | PD081925                                                                                                                                    | HP Acquire Method | HP Processing Method pd081825 8081 |
| STD. NAME                | STD REF.#                                                                                                                                   |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                             |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P<br>P24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                     |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                             |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                     |                   |                                    |
| Surrogate Standard       |                                                                                                                                             |                   |                                    |
| MS/MSD Standard          |                                                                                                                                             |                   |                                    |
| LCS Standard             |                                                                                                                                             |                   |                                    |

|    |              |              |            |                   |  |       |      |
|----|--------------|--------------|------------|-------------------|--|-------|------|
| 19 | PSTDCCC050   | PSTDCCC050   | PD090000.D | 19 Aug 2025 16:52 |  | AR\AJ | Ok,M |
| 20 | PCHLORCCC500 | PCHLORCCC500 | PD090001.D | 19 Aug 2025 17:05 |  | AR\AJ | Ok   |
| 21 | PTOXCCC500   | PTOXCCC500   | PD090002.D | 19 Aug 2025 17:19 |  | AR\AJ | Ok   |

M : Manual Integration

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Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD091025**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 9/11/2025 1:10:37 PM               |
| Supervise By | mohammad | Supervise On      | 9/16/2025 4:00:37 AM               |
| SubDirectory | PD091025 | HP Acquire Method | HP Processing Method pd081825 8081 |

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

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

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD091025**

| Review By                | Abdul                                                                                                                                       | Review On         | 9/11/2025 1:10:37 PM |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|
| Supervise By             | mohammad                                                                                                                                    | Supervise On      | 9/16/2025 4:00:37 AM |
| SubDirectory             | PD091025                                                                                                                                    | HP Acquire Method | HP Processing Method |
|                          |                                                                                                                                             |                   | pd081825 8081        |
| STD. NAME                | STD REF.#                                                                                                                                   |                   |                      |
| Tune/Reschk              | PP24890,PP24651                                                                                                                             |                   |                      |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P<br>P24763,PP24764 |                   |                      |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                     |                   |                      |
| Internal Standard/PEM    |                                                                                                                                             |                   |                      |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                     |                   |                      |
| Surrogate Standard       |                                                                                                                                             |                   |                      |
| MS/MSD Standard          |                                                                                                                                             |                   |                      |
| LCS Standard             |                                                                                                                                             |                   |                      |

M : Manual Integration

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**SOP ID:** M3510C,3580A-Extraction Pesticide-17

**Clean Up SOP #:** Florisil

**Matrix :** Water

**Weigh By:** N/A

**Balance check:** N/A

**Balance ID:** N/A

**pH Strip Lot#:** E3953

**Extraction By:** RJ

**Filter By:** RJ

**pH Meter ID:** N/A

**Hood ID:** 4,5,6,7

**Extraction Start Date :** 09/10/2025

**Extraction Start Time :** 08:46

**Extraction End Date :** 09/10/2025

**Extraction End Time :** 13:30

**Concentration By:** EH

**Supervisor By :** ritesh

**Extraction Method:** ☒ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Surrogate     | 1.0ML    | 200 PPB             | PP24663             |
| Spike Sol 1   | 2.0ML    | 1000 PPB            | PP24925             |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used              | ML/SAMPLE USED | Lot Number |
|----------------------------|----------------|------------|
| Methylene Chloride         | N/A            | E3964      |
| Baked Na2SO4               | N/A            | EP2636     |
| Hexane                     | N/A            | E3968      |
| Florisil                   | N/A            | E3927      |
| 9:1 Hexane:Acetone Mixture | N/A            | EP2596     |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |

**Extraction Conformance/Non-Conformance Comments:**

40ML Vial Lot#03-40BTS721.

**KD Bath ID:** WATER BATH-1,2

**KD Bath Temperature:** 60 °C

**Envap ID:** NEVAP-02

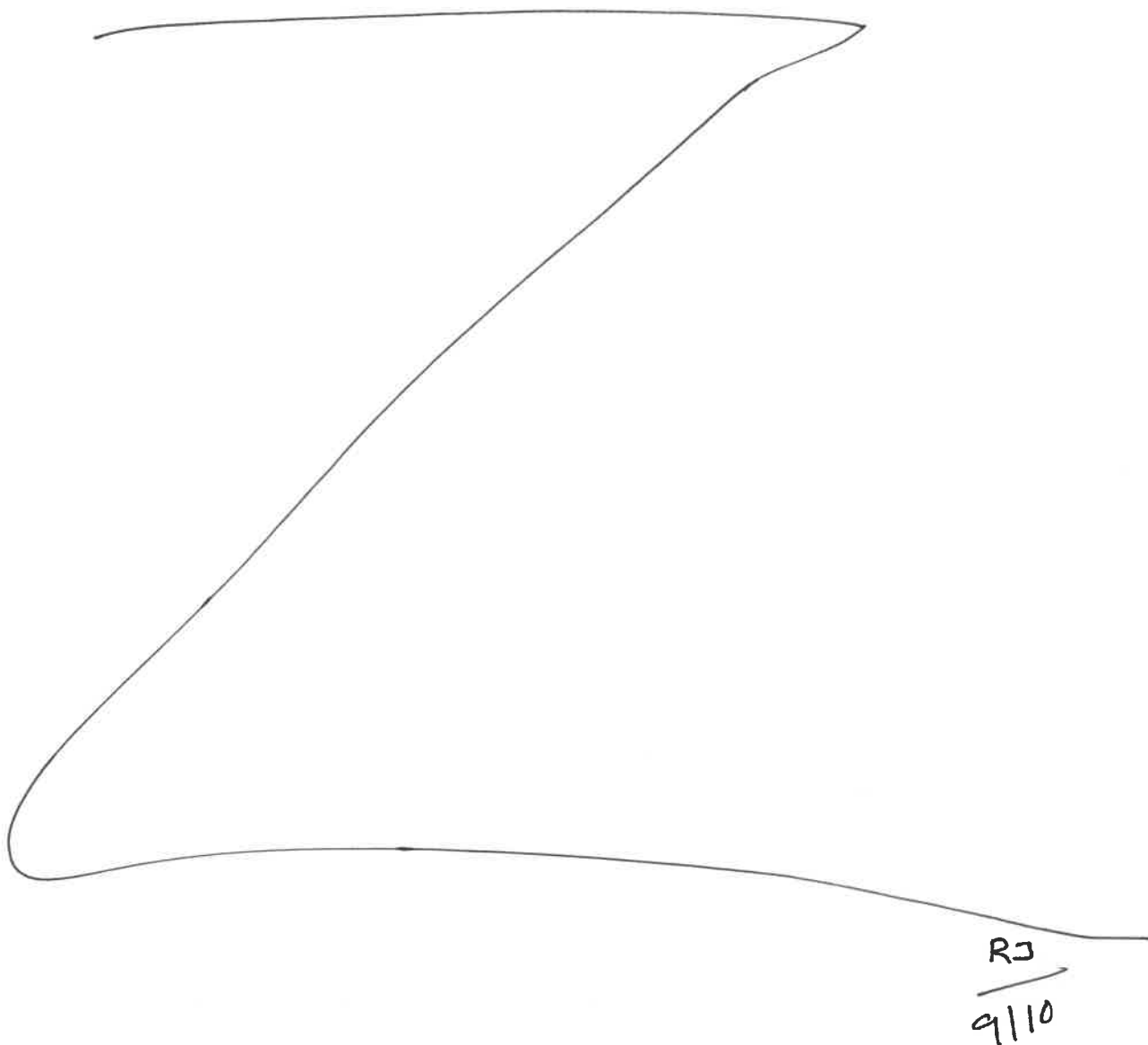
**Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 9/10/25     | RJ LEXI-106)                            | y.p. PEST/PLB.       |
| 13:35       | Preparation Group                       | Analysis Group       |

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

Concentration Date: 09/10/2025

| Sample ID  | Client Sample ID  | Test                | g / mL | PH | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|------------|-------------------|---------------------|--------|----|----------------|------------|--------------------|-------|----------|-------------|
|            |                   |                     |        |    | AddedBy        | VerifiedBy |                    |       |          |             |
| PB169636BL | PBLK636           | PESTICIDE<br>Group2 | 1000   | 6  | ritesh         | Evelyn     | 10                 |       |          | SEP-1       |
| PB169636BS | PLCS636           | PESTICIDE<br>Group2 | 1000   | 6  | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q3015-11   | WP0925-PT-CHLR-WP | PESTICIDE<br>Group2 | 1000   | 6  | ritesh         | Evelyn     | 10                 |       |          | 3           |



RJ  
9/10

\* Extracts relinquished on the same date as received.

169628  
8:46 am

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3015C

WorkList ID : 191780

Department : Extraction

Date : 09-10-2025 08:41:20

| Sample   | Customer Sample   | Matrix | Test             | Preservative | Customer | Raw Sample<br>Storage<br>Location | Collect Date | Method |
|----------|-------------------|--------|------------------|--------------|----------|-----------------------------------|--------------|--------|
| Q3015-11 | WP0925-PT-CHLR-WP | Water  | PESTICIDE Group2 | Cool 4 deg C | ALLI03   | QA Of                             | 09/02/2025   | 8081B  |

Date/Time 09/10/25 8:41

Raw Sample Received by: RJ LEX (lab)

Raw Sample Relinquished by: \_\_\_\_\_

Date/Time 09/10/25 9:10

Raw Sample Received by: \_\_\_\_\_

Raw Sample Relinquished by: RJ LEX (lab)

## Prep Standard - Chemical Standard Summary

**Order ID :** Q3015  
**Test :** PESTICIDE Group2  
**Prepbatch ID :** PB169636,  
**Sequence ID/Qc Batch ID:** pd091025,

**Standard ID :**

EP2596,EP2636,PP24651,PP24663,PP24738,PP24739,PP24740,PP24741,PP24742,PP24744,PP24745,PP24746,PP24747,PP24748,PP24749,PP24750,PP24751,PP24752,PP24753,PP24754,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764,PP24805,PP24890,PP24925,

**Chemical ID :**

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

## Extractions STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                    | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1215             | FLOROSIL CLEAN UP-WASHING SOLN | <a href="#">EP2596</a> | 03/27/2025       | 09/19/2025             | Rajesh Parikh      | None           | None             | Evelyn Huang         |
|                  |                                |                        |                  |                        |                    |                |                  | 03/27/2025           |

**FROM** 100.00000ml of E3915 + 900.00000ml of E3914 = Final Quantity: 1000.000 ml

| <u>Recipe ID</u> | <u>NAME</u>          | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u>      | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------|------------------------|------------------|------------------------|--------------------|---------------------|------------------|----------------------|
| 3923             | Baked Sodium Sulfate | <a href="#">EP2636</a> | 08/27/2025       | 01/28/2026             | Riteshkumar Patel  | Extraction_SC ALE_2 | None             | Evelyn Huang         |
|                  |                      |                        |                  |                        |                    | (EX-SC-2)           |                  | 08/27/2025           |

**FROM** 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                             | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 4027             | Pesticide resolution Check Mixture 8081 | <a href="#">PP24651</a> | 06/16/2025       | 12/11/2025             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                         |                         |                  |                        |                    |                |                  | 07/22/2025           |

**FROM** 1.00000ml of P13246 + 99.00000ml of E3941 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 465              | 200 PPB Pest/PCB Surrogate Spike | <a href="#">PP24663</a> | 06/24/2025       | 12/24/2025             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                  |                         |                  |                        |                    |                |                  | 07/21/2025           |

**FROM** 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                   | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3629             | 20 PPM PEST stock Solution 1st source(RESTEK) | <a href="#">PP24738</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                               |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 1.00000ml of P13038 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                           | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1472             | 20 PPM Pest Stock Solution 2nd Source | <a href="#">PP24739</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                       |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 1.00000ml of P13041 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                         | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1273             | 20 PPM Mirex Stock (Primary Source) | <a href="#">PP24740</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                     |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 1.00000ml of P9053 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                               | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3663             | 20 PPM MIREX Stock STD (Secondary source) | <a href="#">PP24741</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                           |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 1.00000ml of P13196 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 84               | Pest/PCB Surrogate Stock 20 PPM | <a href="#">PP24742</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                 |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 1.00000ml of P13788 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3630             | 100/100 PPB PEST Working std.1st Source(RESTEK) | <a href="#">PP24744</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                                 |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 98.50000ml of E3956 + 0.50000ml of PP24738 + 0.50000ml of PP24740 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 80               | 100/100 PPB Pesticide Working Solution 2nd Source | <a href="#">PP24745</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                                   |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 98.50000ml of E3956 + 0.50000ml of PP24739 + 0.50000ml of PP24741 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                         | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 386              | 1000/100 PPB Chlordane STD (Restek) | <a href="#">PP24746</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                     |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.10000ml of P12604 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                  | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3746             | 1000/100 ppb Chlordane STD-RESTEK 2ND SOURCE | <a href="#">PP24747</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                              |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.10000ml of P12610 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                         | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 383              | 1000/100 PPB Toxaphene STD (Restek) | <a href="#">PP24748</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                     |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.10000ml of P13774 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3669             | 1000/100 PPB TOXAPHENE STD<br>2nd source (RESTEK) | <a href="#">PP24749</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
| 07/24/2025       |                                                   |                         |                  |                        |                    |                |                  |                      |

**FROM** 0.10000ml of P13862 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3631             | 75 PPB ICAL PEST<br>STD(RESTEK) | <a href="#">PP24750</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
| 07/24/2025       |                                 |                         |                  |                        |                    |                |                  |                      |

**FROM** 0.25000ml of E3956 + 0.75000ml of PP24744 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                  | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3632             | 50 PPB ICAL PEST STD(RESTEK) | <a href="#">PP24751</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                              |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.50000ml of E3956 + 0.50000ml of PP24744 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                  | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3633             | 25 PPB ICAL PEST STD(RESTEK) | <a href="#">PP24752</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                              |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.75000ml of E3956 + 0.25000ml of PP24744 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3634             | 5 PPB ICAL PEST STD(RESTEK) | <a href="#">PP24753</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                             |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.90000ml of E3956 + 0.10000ml of PP24751 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3988             | 50 PPB PEST ICV STD(RESTEK) | <a href="#">PP24754</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                             |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.50000ml of E3956 + 0.50000ml of PP24745 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 528              | CHLOR 750 PPB STD | <a href="#">PP24755</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
| 07/24/2025       |                   |                         |                  |                        |                    |                |                  |                      |

**FROM** 0.25000ml of E3956 + 0.75000ml of PP24746 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 529              | CHLOR 500 PPB STD | <a href="#">PP24756</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
| 07/24/2025       |                   |                         |                  |                        |                    |                |                  |                      |

**FROM** 0.50000ml of E3956 + 0.50000ml of PP24746 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 530              | CHLOR 250 PPB STD | <a href="#">PP24757</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.75000ml of E3956 + 0.25000ml of PP24746 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3408             | CHLOR 50 PPB STD | <a href="#">PP24758</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                  |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.90000ml of E3956 + 0.10000ml of PP24756 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>           | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 532              | CHLOR 500 PPB ICV STD | <a href="#">PP24759</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                       |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.50000ml of E3956 + 0.50000ml of PP24747 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 533              | TOX 750 PPB STD | <a href="#">PP24760</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                 |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.25000ml of E3956 + 0.75000ml of PP24748 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 534              | TOX 500 PPB STD | <a href="#">PP24761</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
| 07/24/2025       |                 |                         |                  |                        |                    |                |                  |                      |

**FROM** 0.50000ml of E3956 + 0.50000ml of PP24748 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 535              | TOX 250 PPB STD | <a href="#">PP24762</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
| 07/24/2025       |                 |                         |                  |                        |                    |                |                  |                      |

**FROM** 0.75000ml of E3956 + 0.25000ml of PP24748 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 2217             | TOX 100 PPB STD | <a href="#">PP24763</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                 |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.90000ml of E3956 + 0.10000ml of PP24748 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                   | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3670             | TOX 500 PPB ICV std ( RESTEK) | <a href="#">PP24764</a> | 07/21/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                               |                         |                  |                        |                    |                |                  | 07/24/2025           |

**FROM** 0.50000ml of PP24749 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 84               | Pest/PCB Surrogate Stock 20 PPM | <a href="#">PP24805</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                 |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 1.00000ml of P13789 + 9.00000ml of E3962 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>           | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 518              | Pest/PCB I.BLK 20 PPB | <a href="#">PP24890</a> | 08/20/2025       | 02/18/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                       |                         |                  |                        |                    |                |                  | 09/17/2025           |

**FROM** 99.90000ml of E3962 + 0.10000ml of PP24805 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u>                                                                   | <u>NAME</u>                       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------------------------------------------------------------------------|-----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1501                                                                               | 1000 ppb CHLORDANE SPIKE (RESTEK) | <a href="#">PP24925</a> | 09/08/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
| <b>FROM</b> 0.10000ml of P12610 + 99.90000ml of E3965 = 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 | 417203 | 01/28/2026      | 07/28/2025 / RUPESH     | 01/29/2025 / Rajesh         | E3875          |

| Supplier         | ItemCode / ItemName                       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 243570 | 09/19/2025      | 03/19/2025 / RUPESH     | 03/13/2025 / RUPESH         | E3914          |

| Supplier         | ItemCode / ItemName                        | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|--------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H2762008 | 09/26/2025      | 03/26/2025 / Rajesh     | 03/19/2025 / RUPESH         | E3915          |

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

| Supplier         | ItemCode / ItemName                       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 243570 | 12/11/2025      | 06/11/2025 / Rajesh     | 06/04/2025 / Rajesh         | E3941          |

| Supplier         | ItemCode / ItemName                        | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|--------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 05/24/2027      | 06/20/2025 / RUPESH     | 05/14/2025 / RUPESH         | E3944          |

## CHEMICAL RECEIPT LOG BOOK

| Supplier         | ItemCode / ItemName                       | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 25C0362005 | 04/30/2026      | 07/16/2025 / RUPESH     | 07/16/2025 / RUPESH         | E3956          |

| Supplier         | ItemCode / ItemName                       | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 25C0362005 | 04/30/2026      | 08/05/2025 / RUPESH     | 07/30/2025 / RUPESH         | E3962          |

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

| Supplier         | ItemCode / ItemName                        | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|--------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 05/24/2027      | 08/22/2025 / RUPESH     | 08/20/2025 / RUPESH         | E3965          |

| Supplier         | ItemCode / ItemName                       | Lot #      | Expiration Date | Date Opened / Opened By  | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|------------|-----------------|--------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 25CO362005 | 03/03/2026      | 09/03/2025 / Riteshkumar | 08/27/2025 / Riteshkumar    | E3968          |

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

## CHEMICAL RECEIPT LOG BOOK

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

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

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

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

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

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

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                                                | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0214495 | 12/24/2025      | 06/24/2025 / Abdul      | 11/19/2024 / Ankita         | P13786         |

| Supplier | ItemCode / ItemName                                                                | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0214495 | 01/21/2026      | 07/21/2025 / Abdul      | 11/19/2024 / Ankita         | P13788         |

| Supplier | ItemCode / ItemName                                                                | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0214495 | 02/18/2026      | 08/18/2025 / yogesh     | 11/19/2024 / Ankita         | P13789         |

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

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

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Acetone  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

avantorsm



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 <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 99.8 %      |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.2 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (μeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (μeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | 0.2 %       |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | <1          |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)    | <= 10         | 1           |

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

Rec on 8/20/25

E3965

Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC



**PRODUCTOS  
QUÍMICOS  
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR  
MONTERREY, N.L. MÉXICO  
CP 64070  
TEL +52 81 13 52 67 67  
www.pqm.com.mx

# CERTIFICATE OF ANALYSIS

|                       |                                   |               |                                 |
|-----------------------|-----------------------------------|---------------|---------------------------------|
| PRODUCT :             | SODIUM SULFATE CRYSTALS ANHYDROUS |               |                                 |
| QUALITY :             | ACS (CODE RMB3375)                | FORMULA :     | Na <sub>2</sub> SO <sub>4</sub> |
| SPECIFICATION NUMBER: | 6399                              | RELEASE DATE: | MAY/23/2024                     |
| LOT NUMBER :          | 417203                            |               |                                 |

| TEST                                     | SPECIFICATIONS | LOT VALUES  |
|------------------------------------------|----------------|-------------|
| Assay (Na <sub>2</sub> SO <sub>4</sub> ) | Min. 99.0%     | 99.8 %      |
| pH of a 5% solution at 25°C              | 5.2 - 9.2      | 6.2         |
| Insoluble matter                         | Max. 0.01%     | 0.001 %     |
| Loss on ignition                         | Max. 0.5%      | 0.1 %       |
| Chloride (Cl)                            | Max. 0.001%    | <0.001 %    |
| Nitrogen compounds (as N)                | Max. 5 ppm     | <5 ppm      |
| Phosphate (PO <sub>4</sub> )             | Max. 0.001%    | <0.001 %    |
| Heavy metals (as Pb)                     | Max. 5 ppm     | <5 ppm      |
| Iron (Fe)                                | Max. 0.001%    | <0.001 %    |
| Calcium (Ca)                             | Max. 0.01%     | 0.001 %     |
| Magnesium (Mg)                           | Max. 0.005%    | 0.001 %     |
| Potassium (K)                            | Max. 0.008%    | 0.001 %     |
| Extraction-concentration suitability     | Passes test    | Passes test |
| Appearance                               | Passes test    | Passes test |
| Identification                           | Passes test    | Passes test |
| Solubility and foreign matter            | Passes test    | Passes test |
| Retained on US Standard No. 10 sieve     | Max. 1%        | 0.2 %       |
| Retained on US Standard No. 60 sieve     | Min. 94%       | 96.2 %      |
| Through US Standard No. 60 sieve         | Max. 5%        | 3.5 %       |
| Through US Standard No. 100 sieve        | Max. 10%       | 0.1 %       |

## COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

## Certificate of Analysis

1 Reagent Lane  
 Fair Lawn, NJ 07410  
 201.796.7100 tel  
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
 Standard ISO9001:2015 by SAI Global Certificate Number CERT - 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

|                   |                                                                                                                                                                                                   |                             |            |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------|
| Catalog Number    | H303                                                                                                                                                                                              | Quality Test / Release Date | 11/07/2024 |
| Lot Number        | 243570                                                                                                                                                                                            |                             |            |
| Description       | HEXANES - OPTIMA                                                                                                                                                                                  |                             |            |
| Country of Origin | United States                                                                                                                                                                                     | Suggested Retest Date       | Nov/2029   |
| Chemical Origin   | Organic - non animal                                                                                                                                                                              |                             |            |
| BSE/TSE Comment   | No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product. |                             |            |

| N/A                         |            |                                 |                         |
|-----------------------------|------------|---------------------------------|-------------------------|
| Result Name                 | Units      | Specifications                  | Test Value              |
| APPEARANCE                  |            | REPORT                          | Clear, colorless liquid |
| ASSAY (N-HEXANE)            | %          | >= 60                           | 69                      |
| ASSAY (SUM C6 HYDROCARBONS) | %          | >= 99.9                         | >99.9                   |
| COLOR                       | APHA       | <= 5                            | <5                      |
| DENSITY AT 25 DEGREES C     | GM/ML      | Inclusive Between 0.653 - 0.673 | 0.669                   |
| EVAPORATION RESIDUE         | ppm        | <= 1                            | <1                      |
| FLUORESCENCE BACKGROUND     | ppb        | <= 1                            | <1                      |
| IDENTIFICATION              | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| OPTICAL ABS AT 195 NM       | ABS. UNITS | <= 1                            | 0.74                    |
| OPTICAL ABS AT 210 NM       | ABS. UNITS | <= 0.25                         | 0.17                    |
| OPTICAL ABS AT 220 NM       | ABS. UNITS | <= 0.07                         | 0.05                    |
| OPTICAL ABS AT 254 NM       | ABS. UNITS | <= 0.005                        | 0.001                   |
| PESTICIDE RESIDUE ANALYSIS  | NG/L       | <= 10                           | <10                     |
| REFRACTIVE INDEX @ 25 DEG C |            | Inclusive Between 1.375 - 1.385 | 1.379                   |
| SUITABILITY FOR GC/MS       |            | = PASS TEST                     | PASS TEST               |
| SULFUR COMPOUNDS            | %          | <= 0.005                        | <0.005                  |
| THIOPHENE                   | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| WATER (H2O)                 | %          | <= 0.01                         | <0.01                   |
| WATER-SOLUBLE TITRABLE ACID | MEQ/G      | <= 0.0003                       | 0.0001                  |

Recd by RS on 3/14/25



E3914

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.  
 If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.

Acetone

BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

Avantor™



Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 100.0 %     |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.0 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (µeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (µeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | <0.1 %      |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | 1           |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)    | <= 10         | 1           |

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Recd. by RS on 3/19/25

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E3915

Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC

Cleanert Florisil

1g/6ml 30/pkg

LOT#: Z0830QB1

MFG#: G01256

CAT# FS0006



Made in China

Agela Technologies

固相萃取产品

E3927



## Certificate of Analysis

1 Reagent Lane  
 Fair Lawn, NJ 07410  
 201.796.7100 tel  
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
 Standard ISO9001:2015 by SAI Global Certificate Number CERT - 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

|                   |                                                                                                                                                                                                   |                             |            |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------|
| Catalog Number    | H303                                                                                                                                                                                              | Quality Test / Release Date | 11/07/2024 |
| Lot Number        | 243570                                                                                                                                                                                            |                             |            |
| Description       | HEXANES - OPTIMA                                                                                                                                                                                  |                             |            |
| Country of Origin | United States                                                                                                                                                                                     | Suggested Retest Date       | Nov/2029   |
| Chemical Origin   | Organic - non animal                                                                                                                                                                              |                             |            |
| BSE/TSE Comment   | No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product. |                             |            |

| N/A                         |            |                                 |                         |
|-----------------------------|------------|---------------------------------|-------------------------|
| Result Name                 | Units      | Specifications                  | Test Value              |
| APPEARANCE                  |            | REPORT                          | Clear, colorless liquid |
| ASSAY (N-HEXANE)            | %          | >= 60                           | 69                      |
| ASSAY (SUM C6 HYDROCARBONS) | %          | >= 99.9                         | >99.9                   |
| COLOR                       | APHA       | <= 5                            | <5                      |
| DENSITY AT 25 DEGREES C     | GM/ML      | Inclusive Between 0.653 - 0.673 | 0.669                   |
| EVAPORATION RESIDUE         | ppm        | <= 1                            | <1                      |
| FLUORESCENCE BACKGROUND     | ppb        | <= 1                            | <1                      |
| IDENTIFICATION              | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| OPTICAL ABS AT 195 NM       | ABS. UNITS | <= 1                            | 0.74                    |
| OPTICAL ABS AT 210 NM       | ABS. UNITS | <= 0.25                         | 0.17                    |
| OPTICAL ABS AT 220 NM       | ABS. UNITS | <= 0.07                         | 0.05                    |
| OPTICAL ABS AT 254 NM       | ABS. UNITS | <= 0.005                        | 0.001                   |
| PESTICIDE RESIDUE ANALYSIS  | NG/L       | <= 10                           | <10                     |
| REFRACTIVE INDEX @ 25 DEG C |            | Inclusive Between 1.375 - 1.385 | 1.379                   |
| SUITABILITY FOR GC/MS       |            | = PASS TEST                     | PASS TEST               |
| SULFUR COMPOUNDS            | %          | <= 0.005                        | <0.005                  |
| THIOPHENE                   | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| WATER (H2O)                 | %          | <= 0.01                         | <0.01                   |
| WATER-SOLUBLE TITRABLE ACID | MEQ/G      | <= 0.0003                       | 0.0001                  |

*Harout Sahagian*

Recd. by RI on 6/11/25

E3941

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.  
 If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.

Acetone  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

Avantor™



Material No.: 9254-03  
Batch No.: 24H1462005  
Manufactured Date: 2024-05-24  
Expiration Date: 2027-05-24  
Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 99.8 %      |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.2 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (μeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (μeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | 0.2 %       |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | <1          |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)    | <= 10         | 1           |

For Laboratory, Research, or Manufacturing Use  
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States  
Packaging Site: Phillipsburg Mfg Ctr & DC

E3944

Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC

n-Hexane 95%  
ULTRA RESI-ANALYZED  
For Organic Residue Analysis



Material No.: 9262-03  
Batch No.: 25C0362005  
Manufactured Date: 2025-01-29  
Expiration Date: 2026-04-30  
Revision No.: 0

## Certificate of Analysis

| Test                                                                           | Specification  | Result      |
|--------------------------------------------------------------------------------|----------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)           | $\leq 5$       | 1           |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)            | $\leq 10$      | 6           |
| ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL) | $\leq 5$       | 5           |
| Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)    | $\geq 99.5 \%$ | 100.0 %     |
| Assay (as n-Hexane) (by GC, corrected for water)                               | $\geq 95 \%$   | 100 %       |
| Color (APHA)                                                                   | $\leq 10$      | 10          |
| Residue after Evaporation                                                      | $\leq 1.0$ ppm | 0.1 ppm     |
| Substances Darkened by H <sub>2</sub> SO <sub>4</sub>                          | Passes Test    | Passes Test |
| Water (by KF, coulometric)                                                     | $\leq 0.05 \%$ | $< 0.01 \%$ |

For Laboratory, Research, or Manufacturing Use  
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States  
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 7/16/25

E3956

Jamie Croak  
Director Quality Operations, Bioscience Production

n-Hexane 95%  
ULTRA RESI-ANALYZED  
For Organic Residue Analysis



Material No.: 9262-03  
Batch No.: 25C0362005  
Manufactured Date: 2025-01-29  
Expiration Date: 2026-04-30  
Revision No.: 0

## Certificate of Analysis

| Test                                                                           | Specification  | Result      |
|--------------------------------------------------------------------------------|----------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)           | $\leq 5$       | 1           |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)            | $\leq 10$      | 6           |
| ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL) | $\leq 5$       | 5           |
| Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)    | $\geq 99.5 \%$ | 100.0 %     |
| Assay (as n-Hexane) (by GC, corrected for water)                               | $\geq 95 \%$   | 100 %       |
| Color (APHA)                                                                   | $\leq 10$      | 10          |
| Residue after Evaporation                                                      | $\leq 1.0$ ppm | 0.1 ppm     |
| Substances Darkened by H <sub>2</sub> SO <sub>4</sub>                          | Passes Test    | Passes Test |
| Water (by KF, coulometric)                                                     | $\leq 0.05 \%$ | $< 0.01 \%$ |

For Laboratory, Research, or Manufacturing Use  
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States  
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 7/30/25

E3962

Jamie Croak  
Director Quality Operations, Bioscience Production

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



Material No.: 9266-A4  
Batch No.: 25C1262005  
Manufactured Date: 2025-01-15  
Expiration Date: 2026-04-16  
Revision No.: 0

## Certificate of Analysis

| Test                                                                                       | Specification  | Result     |
|--------------------------------------------------------------------------------------------|----------------|------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)                       | $\leq 5$       | 1          |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)                       | $\leq 10$      | 1          |
| Assay ( $\text{CH}_2\text{Cl}_2$ ) (by GC, exclusive of preservative, corrected for water) | $\geq 99.8\%$  | 100.0 %    |
| Color (APHA)                                                                               | $\leq 10$      | 5          |
| Residue after Evaporation                                                                  | $\leq 1.0$ ppm | 0.1 ppm    |
| Titration Acid ( $\mu\text{eq/g}$ )                                                        | $\leq 0.3$     | $< 0.1$    |
| Chloride (Cl)                                                                              | $\leq 10$ ppm  | $< 5$ ppm  |
| Water (by KF, coulometric)                                                                 | $\leq 0.02\%$  | $< 0.01\%$ |

For Laboratory, Research, or Manufacturing Use  
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States  
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on .

E 3964

Jamie Croak  
Director Quality Operations, Bioscience Production

n-Hexane 95%  
ULTRA RESI-ANALYZED  
For Organic Residue Analysis

**Avantor**

Material No.: 9262-03  
Batch No.: 25C0362005  
Manufactured Date: 2025-01-29  
Expiration Date: 2026-04-30  
Revision No.: 0

## Certificate of Analysis

| Test                                                                           | Specification  | Result      |
|--------------------------------------------------------------------------------|----------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)           | $\leq 5$       | 1           |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)            | $\leq 10$      | 6           |
| ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL) | $\leq 5$       | 5           |
| Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)    | $\geq 99.5\%$  | 100.0 %     |
| Assay (as n-Hexane) (by GC, corrected for water)                               | $\geq 95\%$    | 100 %       |
| Color (APHA)                                                                   | $\leq 10$      | 10          |
| Residue after Evaporation                                                      | $\leq 1.0$ ppm | 0.1 ppm     |
| Substances Darkened by H <sub>2</sub> SO <sub>4</sub>                          | Passes Test    | Passes Test |
| Water (by KF, coulometric)                                                     | $\leq 0.05\%$  | $<0.01\%$   |

For Laboratory, Research, or Manufacturing Use  
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States  
Packaging Site: Phillipsburg Mfg Ctr & DC

Rec on 8/27/25

E 3968

Jamie Croak  
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700  
Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087 U.S.A. Phone 610.386.1700



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

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

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

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

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

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

**Ship:** Ambient

P130397 5  
↓  
P13043 1  
✓  
12-26-2023

### CERTIFIED VALUES

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

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

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

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

P13039  
 ↓  
 P13043  
 1  
 5  
 12/26/23

## Quality Confirmation Test

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

**Carrier Gas:**  
 helium-constant pressure 20 psi.

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

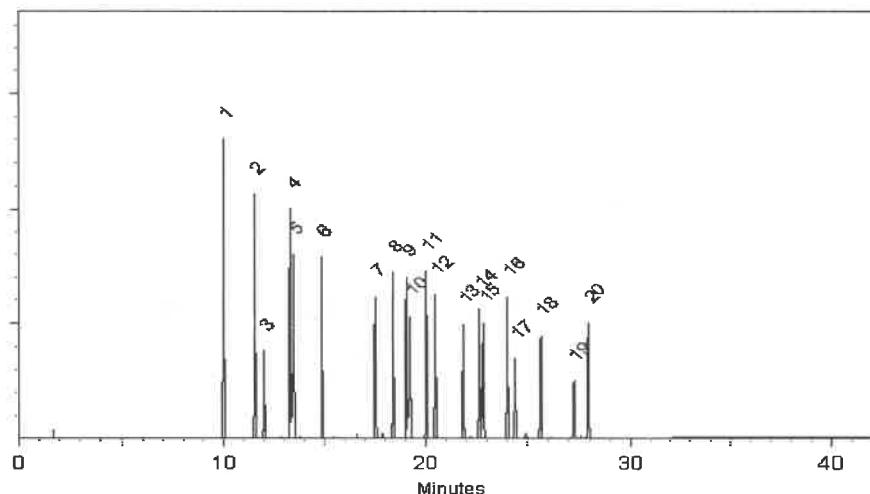
**Inj. Temp:**  
 200°C

**Det. Temp:**  
 300°C

**Det. Type:**  
 ECD

**Split Vent:**  
 Split ratio 50:1

**Inj. Vol**  
 1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*Josh McCloskey*  
 Josh McCloskey - Operations Technician I

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

*Jennifer Pollino*  
 Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 23-Jun-2023

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



**CERTIFIED WEIGHT REPORT**

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

Solvent(s):  
Acetone  
Lot#: 81025

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

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

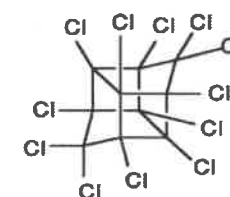
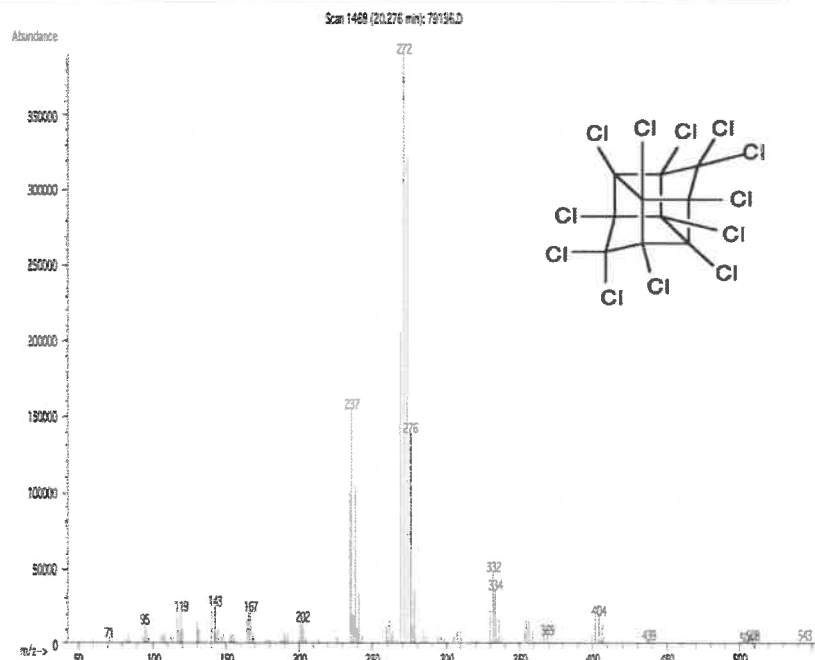
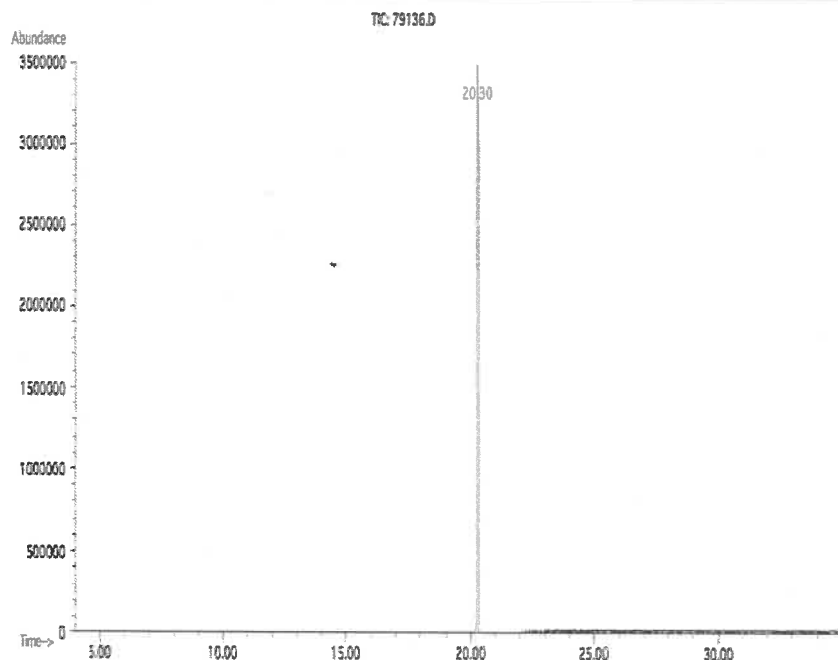
5E-05 Balance Uncertainty  
0.006 Flask Uncertainty

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

Expanded  
SDS Information  
(Solvent Safety Info. On Attached pg.)  
CAS# OSHA PEL (TWA) LD50

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

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



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

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5 % of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

- 1
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- 14
- 15
- 16
- 17
- 18



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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

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

P 12603  
↓  
P 12605  
[3]  
✓ Raut  
7/3/2023

### CERTIFIED VALUES

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

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

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

### Tech Tips:

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

200°C to 300°C  
@ 25°C/min. (hold 10 min.)

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

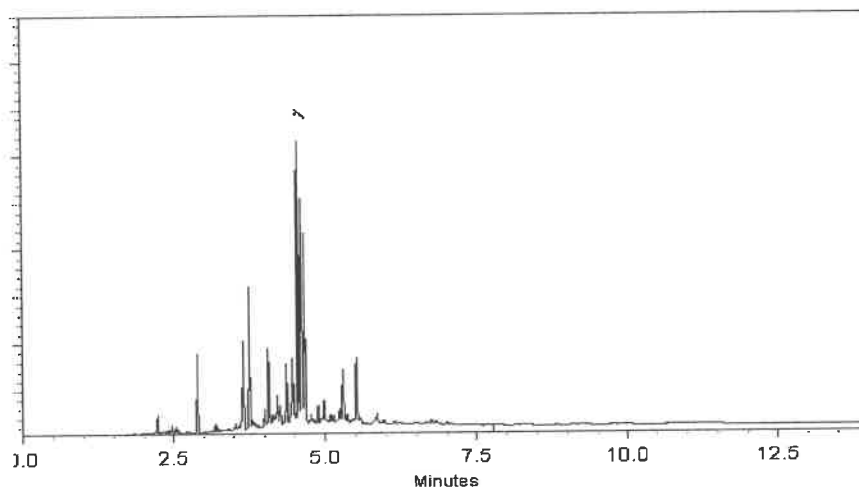
ECD

**Split Vent:**

300 ml/min.

**Inj. Vol**

0.2µl

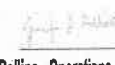


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Morgan Craighead - Mix Technician

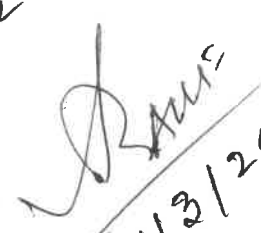
Date Mixed: 11-May-2023

Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

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

P 12603 } (3)  
↓  
P 12605  
  
7/3/2023



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Tel: 1-814-353-1300  
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## CERTIFIED REFERENCE MATERIAL

### Certificate of Analysis *chromatographic plus*



#### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

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

*Handwritten:* P 12606, P 12610, 5 Five, 7/3/2023

#### CERTIFIED VALUES

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

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

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

#### Tech Tips:

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

200°C to 300°C  
@ 25°C/min. { hold 10 min.}

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

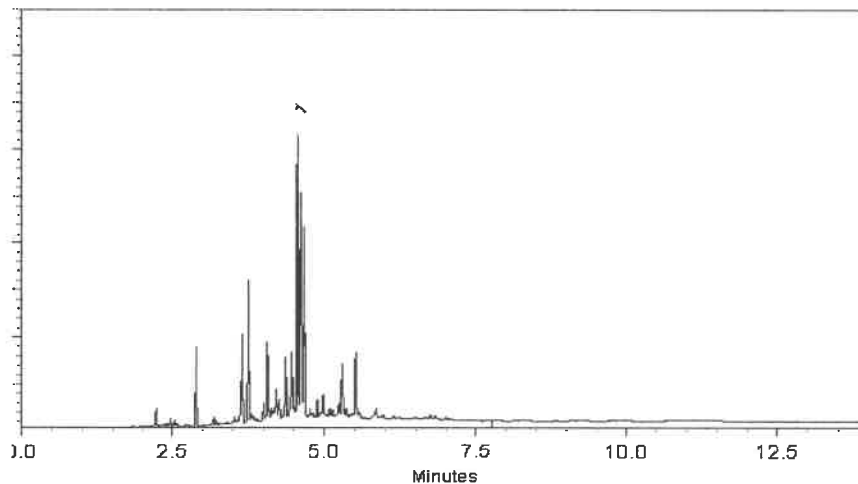
ECD

**Split Vent:**

300 ml/min.

**Inj. Vol**

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 11-May-2023

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

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



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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

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

**Description :** Organochlorine Pesticide Mix AB #1

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

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

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

**Ship:** Ambient

P 13034  
↓  
P 13038  
12.26.2023

### CERTIFIED VALUES

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

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

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

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

P13034  
P13038  
1  
5  
12/26/2023

## Quality Confirmation Test

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

**Carrier Gas:**  
helium-constant pressure 20 psi.

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

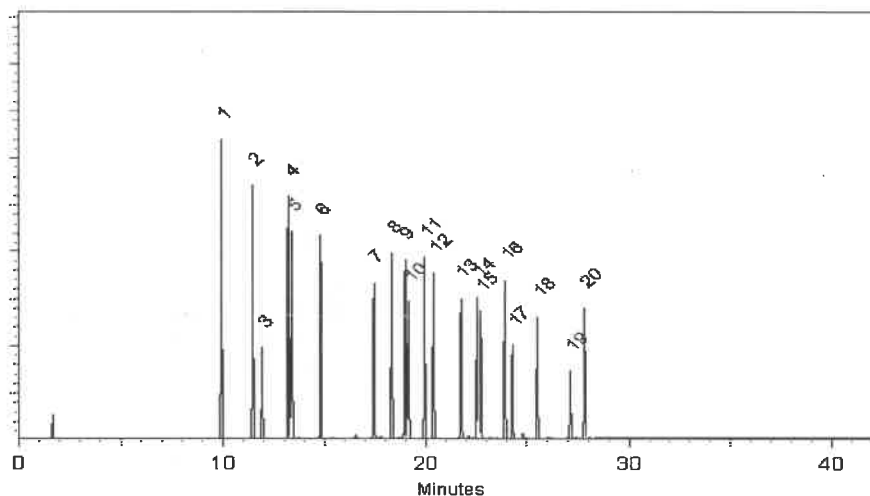
**Inj. Temp:**  
200°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD

**Split Vent:**  
Split ratio 50:1

**Inj. Vol**  
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*Sam Moodler*  
Sam Moodler - Operations Tech I

**Date Mixed:** 31-Jul-2023

**Balance Serial #** B442140311

*Jennifer Pollino*  
Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 03-Aug-2023

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



## CERTIFIED WEIGHT REPORT

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

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

Volume(s) shown below were combined and diluted to (mL): 100.0  
 5E-05 Balance Uncertainty  
 0.021 Flask Uncertainty

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

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

• The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.  
 • Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).  
 • Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.  
 • All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.  
 • Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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



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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



## FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32005 **Lot No.:** A0203038  
**Description :** Toxaphene Standard  
Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul  
**Container Size :** 2 mL **Pkg Amt:** > 1 mL  
**Expiration Date :** January 31, 2028 **Storage:** 10°C or colder  
**Ship:** Ambient

## CERTIFIED VALUES

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

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

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

P13773  
↓  
P13779  
AI  
11/19/24  
05-06-2024

# Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

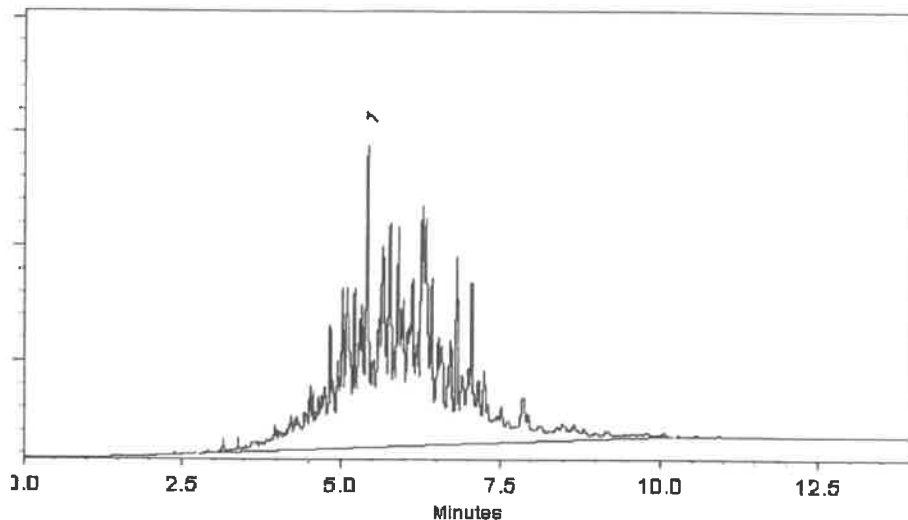
ECD

**Split Vent:**

300 ml/min.

**Inj. Vol**

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Dakota Parson - Operations Technician I

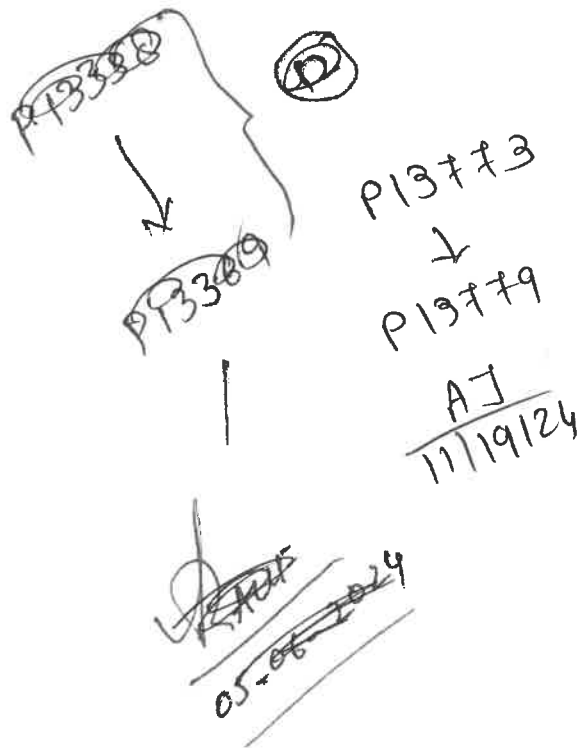
Date Mixed: 10-Oct-2023

Balance Serial # 1128353505

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Oct-2023

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

  
Handwritten notes and signatures at the bottom of the page. On the left, 'P13388' is written with a bracket pointing down to 'P13389'. To the right, 'P13773' is written with a bracket pointing down to 'P13779'. Below these, 'AJ' is written above the date '11/19/24'. At the bottom, there is a signature and the date '05-06-2024'.



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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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## FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32000 **Lot No.:** A0214495

**Description :** Pesticide Surrogate Mix  
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

**Expiration Date :** October 31, 2030 **Storage:** 10°C or colder

**Handling:** Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785  
↓  
P19789 AJ  
11/19/24

## CERTIFIED VALUES

| Elution Order | Compound                     | CAS #     | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------------|-----------|----------|--------|-----------------------------|----------------------------------------|
| 1             | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8  | RP220407 | 99%    | 200.2 µg/mL                 | +/- 11.1087                            |
| 2             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30679    | 99%    | 201.4 µg/mL                 | +/- 11.1753                            |

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

**Solvent:** Acetone  
**CAS #** 67-64-1  
**Purity** 99%

### Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

# Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

heliu-constant pressure 20 psi.

**Temp. Program:**

200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

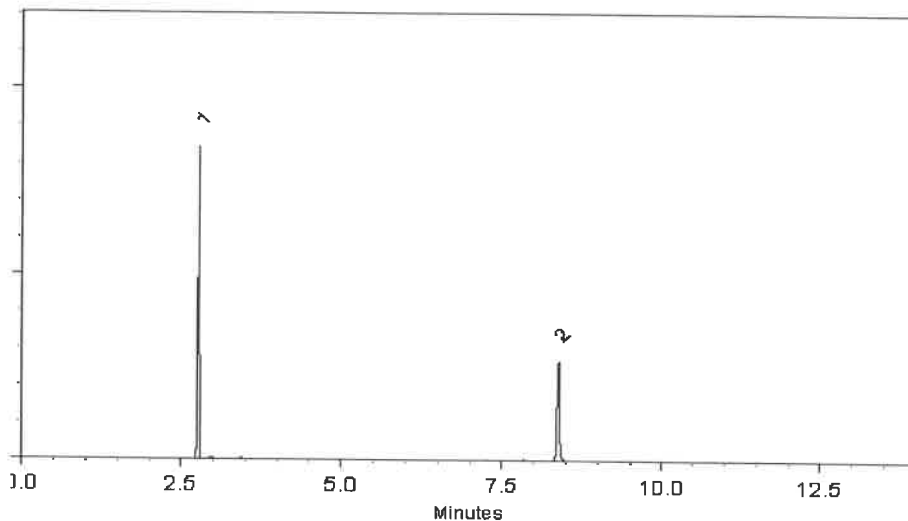
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*A.O.E.*  
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024

Balance Serial # B345965662

*Jennifer Pollino*  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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



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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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## FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 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:**

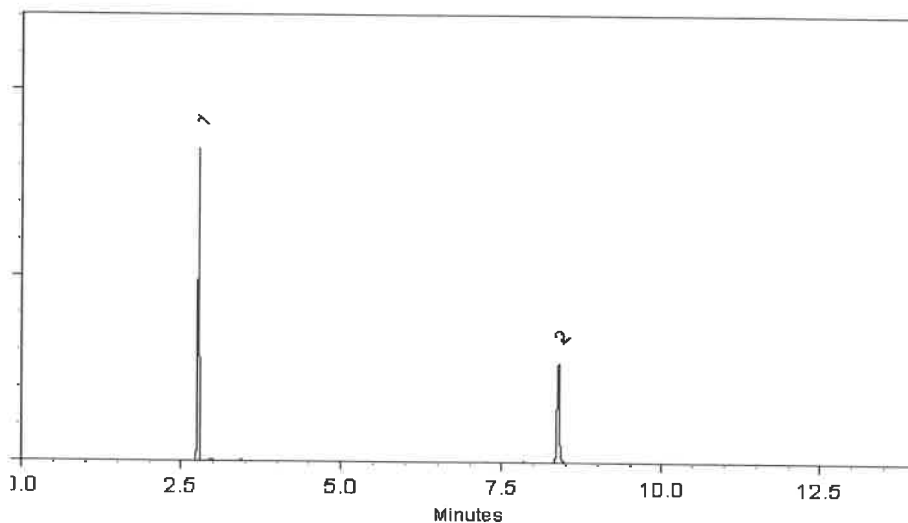
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*A.O.E.*  
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024

Balance Serial # B345965662

*Jennifer Pollino*  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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



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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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## FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32000 **Lot No.:** A0214495

**Description :** Pesticide Surrogate Mix  
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

**Expiration Date :** October 31, 2030 **Storage:** 10°C or colder

**Handling:** Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785  
↓  
P19789  
AJ  
11/19/24

## CERTIFIED VALUES

| Elution Order | Compound                     | CAS #     | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------------|-----------|----------|--------|-----------------------------|----------------------------------------|
| 1             | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8  | RP220407 | 99%    | 200.2 µg/mL                 | +/- 11.1087                            |
| 2             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30679    | 99%    | 201.4 µg/mL                 | +/- 11.1753                            |

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

**Solvent:** Acetone  
**CAS #** 67-64-1  
**Purity** 99%

### Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

# Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

heliu-constant pressure 20 psi.

**Temp. Program:**

200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

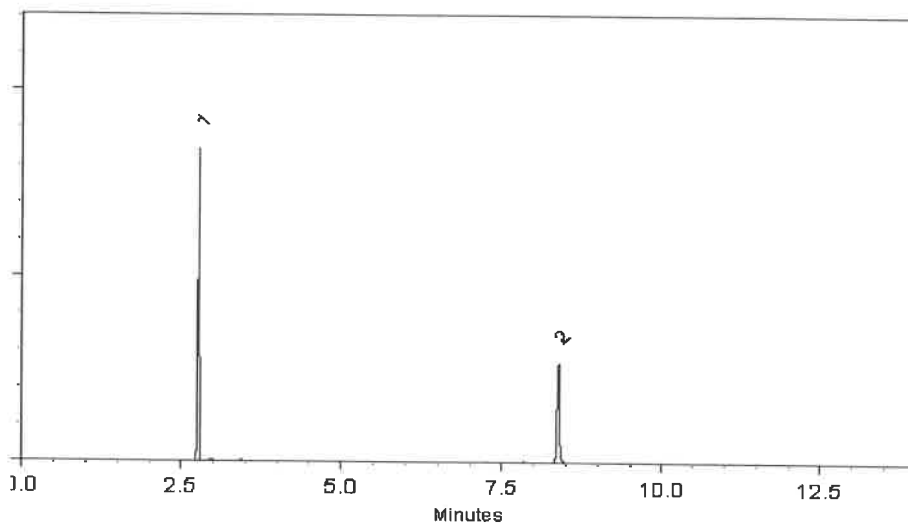
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*A.O.E.*  
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024

Balance Serial # B345965662

*Jennifer Pollino*  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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



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# Certificate of Analysis

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## FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32005 **Lot No.:** A0210240

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

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

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

**Ship:** Ambient

## CERTIFIED VALUES

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

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

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

P13861  
P13862

12/9/2024

# Quality Confirmation Test

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

**Carrier Gas:**  
helium-constant pressure 20 psi.

**Temp. Program:**  
200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

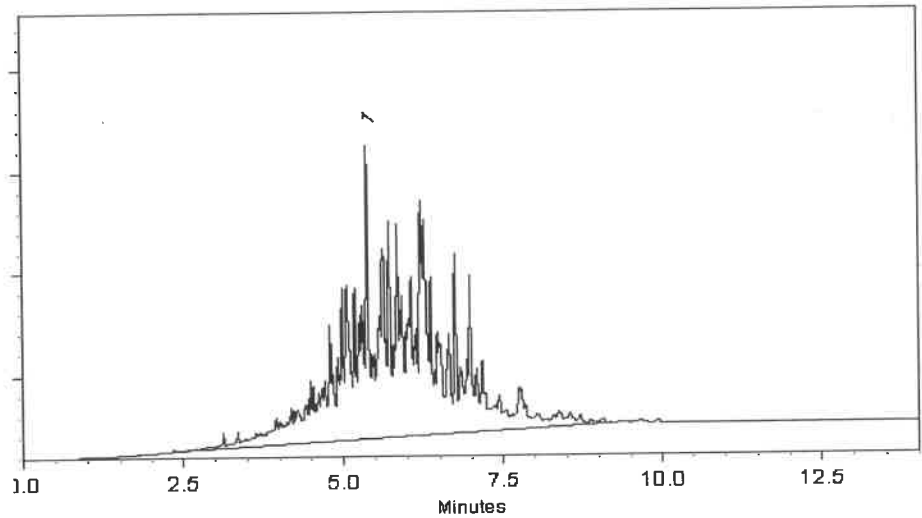
**Inj. Temp:**  
250°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD

**Split Vent:**  
300 ml/min.

**Inj. Vol**  
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

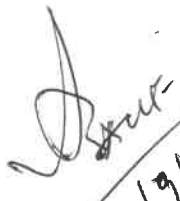
  
Amanda Miller - Operations Tech III - ARM QC

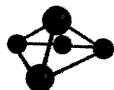
**Date Mixed:** 11-Apr-2024      **Balance Serial #** B442140311

  
Christie Mills - Operations Lead Tech - ARM QC

**Date Passed:** 26-Apr-2024

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

P13861 } ②  
P13862 }  
↑  
  
12/9/2024



CERTIFIED WEIGHT REPORT

Part Number: **72072**  
Lot Number: **112018**  
Description: **n-Tetracosane-d50**

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

Received by  
SG on 11/1/19  
P9044 - P9053

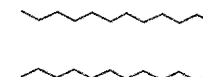
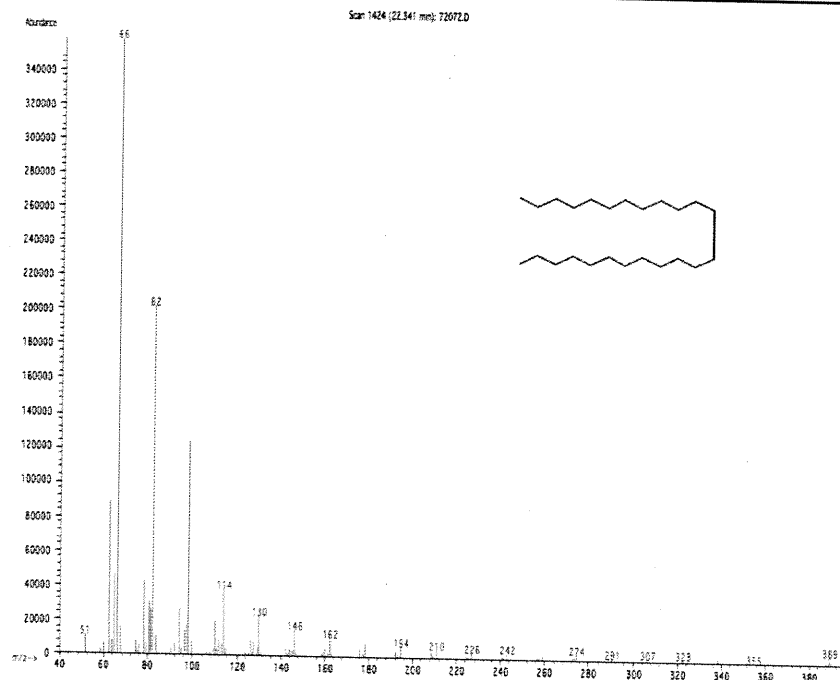
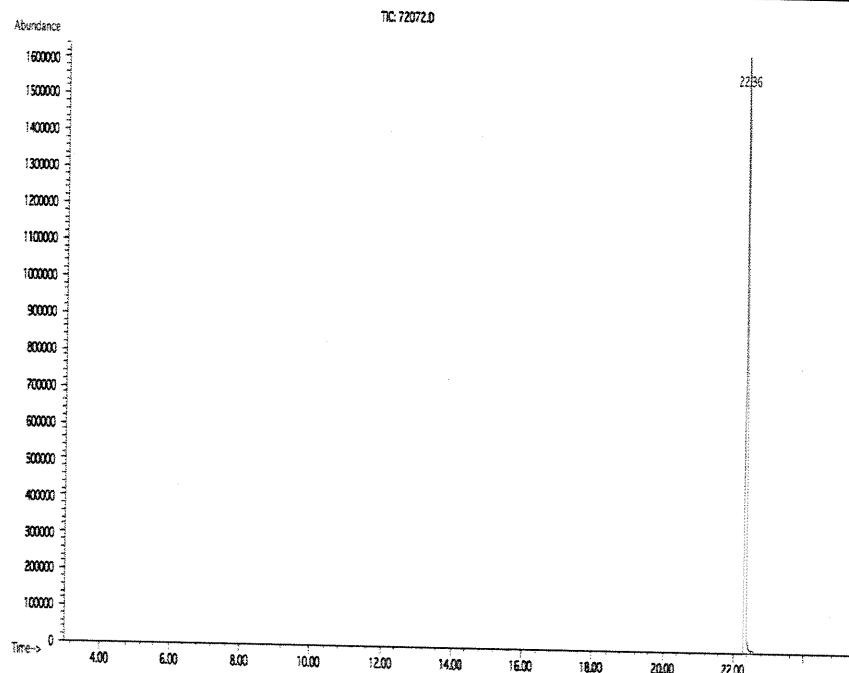
Expiration Date: **112028**  
Recommended Storage: **Ambient (20 °C)**  
Nominal Concentration (µg/mL): **1000**  
NIST Test ID#: **2684186**

Weight(s) shown below were combined and diluted to (mL):  
200.0  
5E-05 Balance Uncertainty  
0.058 Flask Uncertainty

|                |                  |        |
|----------------|------------------|--------|
|                |                  | 112018 |
| Formulated By: | Prashant Chauhan | DATE   |
|                |                  | 112018 |
| Reviewed By:   | Pedro Rentas     | DATE   |

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

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



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



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

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

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

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

Analyzed using Method "GC4-M1".

### Comments

GC4-M1 Analysis by Melissa Stonier

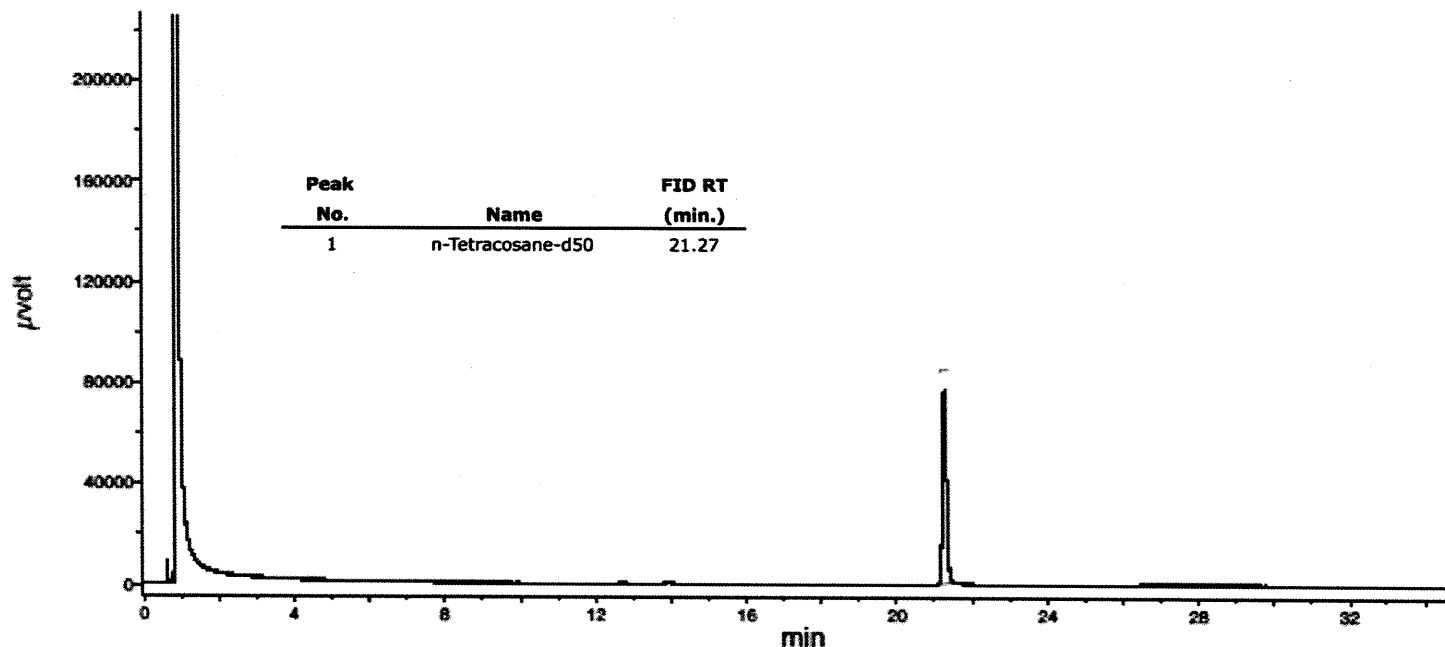
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5µm Film Thickness

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

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

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

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





# SHIPPING DOCUMENTS

- 1
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# Packing List

6390 Joyce Dr., #100  
Golden, CO 80403

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

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

| Date       | Order # |
|------------|---------|
| 09/02/2025 | 333290  |



## Ship To

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

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

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

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

6390 Joyce Dr., #100  
Golden, CO 80403

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Fax: +1-303-940-0043  
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| Date       | Order # |
|------------|---------|
| 09/02/2025 | 333290  |



## Ship To

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

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

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

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



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## Packing List

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| Date       | Order # |
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| 09/05/2025 | 340092  |



### Ship To

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

Received by: SJ

9/9/2025 12:20

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

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

### Laboratory Certification

| Certified By    | License No.      |
|-----------------|------------------|
|                 |                  |
| Connecticut     | PH-0830          |
|                 |                  |
| DOD ELAP (ANAB) | L2219            |
|                 |                  |
| Maine           | 2024021          |
|                 |                  |
| Maryland        | 296              |
|                 |                  |
| New Hampshire   | 255425           |
|                 |                  |
| New Jersey      | 20012            |
|                 |                  |
| New York        | 11376            |
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| Pennsylvania    | 68-00548         |
|                 |                  |
| Soil Permit     | 525-24-234-08441 |
|                 |                  |
| Texas           | TX-C25-00189     |
|                 |                  |
| Virginia        | 460312           |