

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

**PROJECT NAME : NJ SOIL PT**

**ALLIANCE TECHNICAL GROUP, LLC - NEWARK**

**284 Sheffiled Stree**

**Suite 1**

**Mountainside, NJ - 07092**

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

**ORDER ID : Q3483**

**ATTENTION : Mohammad Ahmed**



**Laboratory Certification ID # 20012**



|                                             |     |
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## Cover Page

**Order ID :** Q3483

**Project ID :** NJ Soil PT

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

### Lab Sample Number

Q3483-01  
Q3483-02  
Q3483-03  
Q3483-04  
Q3483-05  
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Q3483-14  
Q3483-15  
Q3483-16  
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Q3483-21  
Q3483-22  
Q3483-23  
Q3483-24  
Q3483-25

### Client Sample Number

HW1025-PT-AN-SOIL  
HW1025-PT-CORR-SOIL  
HW1025-PT-CN-SOIL  
HW1025-PT-CN-SOIL  
HW1025-PT-FP-SOIL  
HW1025-PT-CR6-SOIL  
HW1025-PT-NUT-SOIL  
HW1025-PT-NUT-SOIL  
HW1025-PT-OGR-SOIL  
HW1025-PT-MET-SOIL  
HW1025-PT-BNA-SOIL  
HW1025-PT-TRIAZINE-SOIL  
HW1025-PT-PAH-SOIL  
HW1025-PT-DIES-SOIL  
HW1025-PT-GAS-SOIL  
HW1025-PT-NJEPH-SOIL  
HW1025-PT-HERB-SOIL  
HW1025-PT-PCB-SOIL  
HW1025-PT-PCBO-SOIL  
HW1025-PT-PEST-SOIL  
HW1025-PT-CHLOR-SOIL  
HW1025-PT-TXP-SOIL  
HW1025-PT-VOA-SOIL  
HW1025-PT-SOL-SOIL  
HW1025-PT-NO2-SOIL

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

Signature : \_\_\_\_\_

Date: 11/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



## **CASE NARRATIVE**

**Alliance Technical Group, LLC - Newark**

**Project Name: NJ Soil PT**

**Project # N/A**

**Order ID # Q3483**

**Test Name: PESTICIDE Group2**

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

1 Solid sample was received on 10/29/2025.

### **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 8081B and extraction was done based on method 3541.

### **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:**

The soil samples results are based on a dry weight basis.

### **F. Manual Integration Comments:**

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

---

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



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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.

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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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>U</b>  | 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.                                                                                                                                                                                                                                                                                      |
| <b>ND</b> | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>J</b>  | Indicates an estimated value. This flag is used: <ul style="list-style-type: none"> <li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li> <li>(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.</li> </ul> |
| <b>B</b>  | Indicates the analyte was found in the blank as well as the sample report as “12 B”.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>E</b>  | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>D</b>  | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>P</b>  | 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”.                                                                                                                                                                                                                                                                                                                                                                             |
| <b>N</b>  | 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.                                                                                                                                                                                                                                                                       |
| <b>A</b>  | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Q</b>  | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



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

ORDER ID: Q3483

MATRIX: Solid

METHOD: 8081B/3541

|                                                                                                                                                                                                                                                                                                        | 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:

The soil samples results are based on a dry weight basis.

QA REVIEW

Date

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q3483

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: 11/28/2025

## LAB CHRONICLE

|                 |                                        |                   |                       |
|-----------------|----------------------------------------|-------------------|-----------------------|
| <b>OrderID:</b> | Q3483                                  | <b>OrderDate:</b> | 10/29/2025 2:32:00 PM |
| <b>Client:</b>  | Alliance Technical Group, LLC - Newark | <b>Project:</b>   | NJ Soil 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 |
|----------|----------------------|--------|-------------------------|--------|-------------|-----------|-----------|----------|
| Q3483-15 | HW1025-PT-GAS-SOIL   | SOIL   |                         |        | 10/27/25    |           |           | 10/29/25 |
|          | L                    |        | Gasoline Range Organics | 8015D  |             |           | 11/04/25  |          |
| Q3483-21 | HW1025-PT-CHLOR-SOIL | SOIL   |                         |        | 10/27/25    |           |           | 10/29/25 |
|          |                      |        | PESTICIDE Group2        | 8081B  |             | 11/19/25  | 11/20/25  |          |

**Hit Summary Sheet**  
SW-846

**SDG No.:** Q3483

**Order ID:** Q3483

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

**Project ID:** NJ Soil PT

| Sample ID                               | Client ID             | Matrix | Parameter | Concentration | C | MDL  | RDL  | Units |
|-----------------------------------------|-----------------------|--------|-----------|---------------|---|------|------|-------|
| <b>Client ID : HW1025-PT-CHLOR-SOIL</b> |                       |        |           |               |   |      |      |       |
| Q3483-21                                | HW1025-PT-CHLOR- SOIL |        | Chlordane | 65.5          |   | 3.10 | 16.9 | ug/kg |
| <b>Total Concentration:</b>             |                       |        |           | <b>65.500</b> |   |      |      |       |





# QC SUMMARY

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### Surrogate Summary

SDG No.: **Q3483**

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-PD091193.D | PIBLK-PD091193.D     | Decachlorobiphen  | 1      | 20    | 20.8   | 104         |      | 31        | 149  |
|                  |                      | Tetrachloro-m-xyl | 1      | 20    | 19.5   | 98          |      | 41        | 134  |
|                  |                      | Decachlorobiphen  | 2      | 20    | 20.1   | 100         |      | 31        | 149  |
|                  |                      | Tetrachloro-m-xyl | 2      | 20    | 20.0   | 100         |      | 41        | 134  |
| I.BLK-PD091298.D | PIBLK-PD091298.D     | Decachlorobiphen  | 1      | 20    | 25.2   | 126         |      | 31        | 149  |
|                  |                      | Tetrachloro-m-xyl | 1      | 20    | 24.4   | 122         |      | 41        | 134  |
|                  |                      | Decachlorobiphen  | 2      | 20    | 26.5   | 133         |      | 31        | 149  |
|                  |                      | Tetrachloro-m-xyl | 2      | 20    | 26.3   | 132         |      | 41        | 134  |
| PB170629BL       | PB170629BL           | Decachlorobiphen  | 1      | 20    | 22.2   | 111         |      | 10        | 143  |
|                  |                      | Tetrachloro-m-xyl | 1      | 20    | 20.1   | 101         |      | 10        | 131  |
|                  |                      | Decachlorobiphen  | 2      | 20    | 23.4   | 117         |      | 10        | 143  |
|                  |                      | Tetrachloro-m-xyl | 2      | 20    | 22.0   | 110         |      | 10        | 131  |
| PB170629BS       | PB170629BS           | Decachlorobiphen  | 1      | 20    | 18.5   | 93          |      | 10        | 143  |
|                  |                      | Tetrachloro-m-xyl | 1      | 20    | 17.9   | 89          |      | 10        | 131  |
|                  |                      | Decachlorobiphen  | 2      | 20    | 19.5   | 98          |      | 10        | 143  |
|                  |                      | Tetrachloro-m-xyl | 2      | 20    | 22.8   | 114         |      | 10        | 131  |
| Q3483-21         | HW1025-PT-CHLOR-SOIL | Decachlorobiphen  | 1      | 20    | 24.7   | 124         |      | 10        | 143  |
|                  |                      | Tetrachloro-m-xyl | 1      | 20    | 21.0   | 105         |      | 10        | 131  |
|                  |                      | Decachlorobiphen  | 2      | 20    | 22.7   | 114         |      | 10        | 143  |
|                  |                      | Tetrachloro-m-xyl | 2      | 20    | 21.7   | 109         |      | 10        | 131  |
| I.BLK-PD091306.D | PIBLK-PD091306.D     | Decachlorobiphen  | 1      | 20    | 25.8   | 129         |      | 31        | 149  |
|                  |                      | Tetrachloro-m-xyl | 1      | 20    | 23.2   | 116         |      | 41        | 134  |
|                  |                      | Decachlorobiphen  | 2      | 20    | 27.3   | 137         |      | 31        | 149  |
|                  |                      | Tetrachloro-m-xyl | 2      | 20    | 25.7   | 129         |      | 41        | 134  |

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

**SW-846**

|                 |                                               |                           |                   |
|-----------------|-----------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3483</u>                                  | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Alliance Technical Group, LLC - Newark</u> | <b>Datafile :</b>         | <u>PD091303.D</u> |

| Lab Sample ID            | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|--------------------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|                          |           |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB170629BS<br>(Column 1) | Chlordane | 66.6  | 63.9   | ug/kg | 96  |     |      |      | 80  | 120    |  |     |
| PB170629BS<br>(Column 2) | Chlordane | 66.6  | 71.3   | ug/kg | 107 |     |      |      | 80  | 120    |  |     |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170629BL

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab Sample ID: PB170629BL

Lab File ID: PD091302.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/19/2025

Date Analyzed (1): 11/20/2025

Date Analyzed (2): 11/20/2025

Time Analyzed (1): 10:43

Time Analyzed (2): 10:43

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 |
|----------------------|------------------|----------------|--------------------|--------------------|
| PB170629BS           | PB170629BS       | PD091303.D     | 11/20/2025         | 11/20/2025         |
| HW1025-PT-CHLOR-SOIL | Q3483-21         | PD091304.D     | 11/20/2025         | 11/20/2025         |

COMMENTS: \_\_\_\_\_



# SAMPLE DATA

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Fax : 908 789 8922

## Report of Analysis

|                    |                                        |                     |                 |                  |
|--------------------|----------------------------------------|---------------------|-----------------|------------------|
| Client:            | Alliance Technical Group, LLC - Newark |                     | Date Collected: | 10/27/25         |
| Project:           | NJ Soil PT                             |                     | Date Received:  | 10/29/25         |
| Client Sample ID:  | HW1025-PT-CHLOR-SOIL                   |                     | SDG No.:        | Q3483            |
| Lab Sample ID:     | Q3483-21                               |                     | Matrix:         | SOIL             |
| Analytical Method: | 8081B                                  |                     | % Solid:        | 100              |
| Sample Wt/Vol:     | 30.1 g                                 | Final Vol: 10000 uL | Test:           | PESTICIDE Group2 |
| Prep Method:       | SW3541B                                | Prep Date: 11/19/25 |                 |                  |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 57-74-9           | Chlordane            | 65.5  |      | 1  | 3.10     | 16.9       | ug/kg   | 11/20/25 11:40 | PB170629 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 24.7  |      |    | 10 - 143 | 124%       | SPK: 20 |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 21.7  |      |    | 10 - 131 | 109%       | SPK: 20 |                |          |

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

Q3483-PESTICIDE Group2

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\PD112025\  
 Data File : PD091304.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2025 11:40  
 Operator : AR\AJ  
 Sample : Q3483-21  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 HW1025-PT-CHLOR-SOIL

### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/21/2025  
 Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 22:45:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 15 04:46:13 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... | 3.542 | 2.871 | 72571361 | 795.0E6  | 21.044m | 21.703    |
| 28)                         | SA Decachlor... | 9.060 | 8.055 | 123.1E6  | 899.4E6  | 24.705m | 22.727    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 23)                         | Chlordane-1     | 4.706 | 3.892 | 47853881 | 296.5E6  | 194.483 | 172.361   |
| 24)                         | Chlordane-2     | 5.233 | 4.473 | 48061709 | 324.2E6  | 194.637 | 185.159m  |
| 25)                         | Chlordane-3     | 5.938 | 5.112 | 175.2E6  | 1266.7E6 | 181.611 | 220.153   |
| 26)                         | Chlordane-4     | 6.022 | 5.176 | 209.1E6  | 1100.7E6 | 174.054 | 230.094 # |
| 27)                         | Chlordane-5     | 6.862 | 6.076 | 33947282 | 361.9E6  | 171.822 | 178.347   |
| -----                       |                 |       |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112025\  
Data File : PD091304.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2025 11:40  
Operator : AR\AJ  
Sample : Q3483-21  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

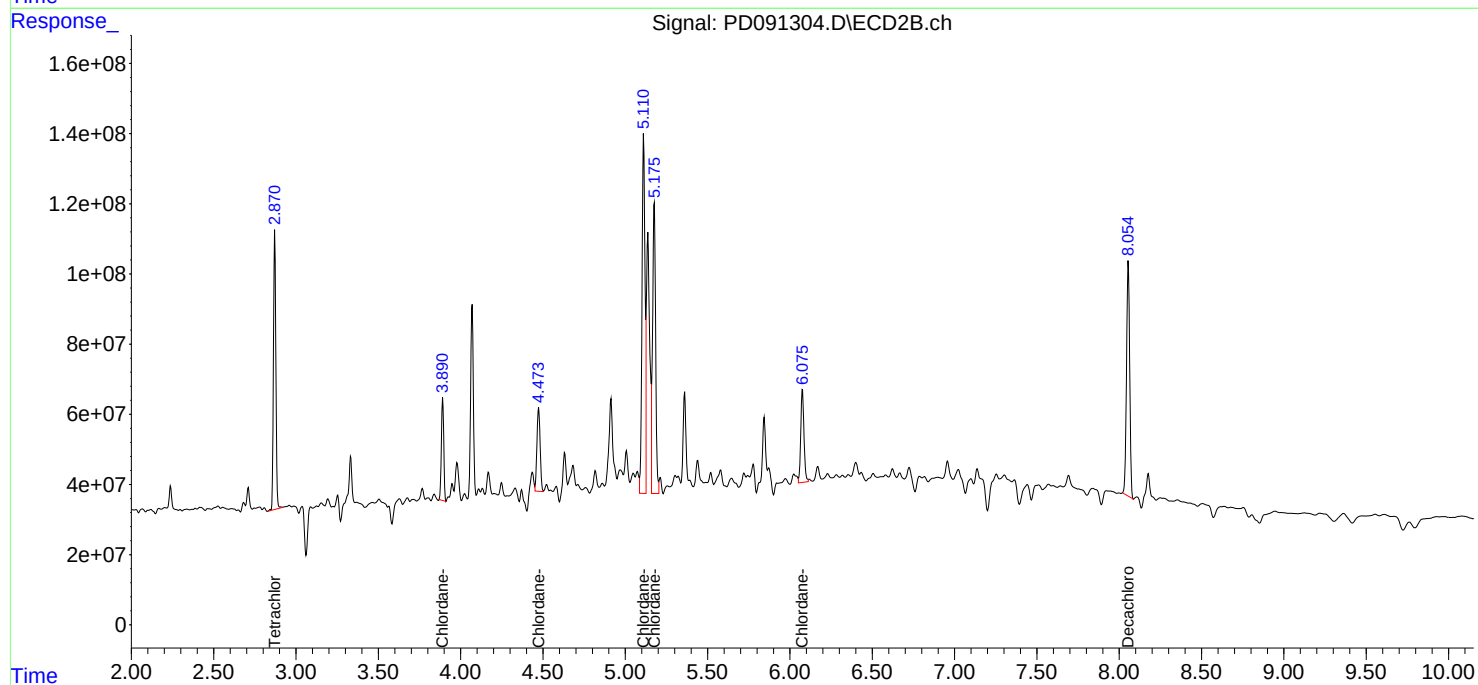
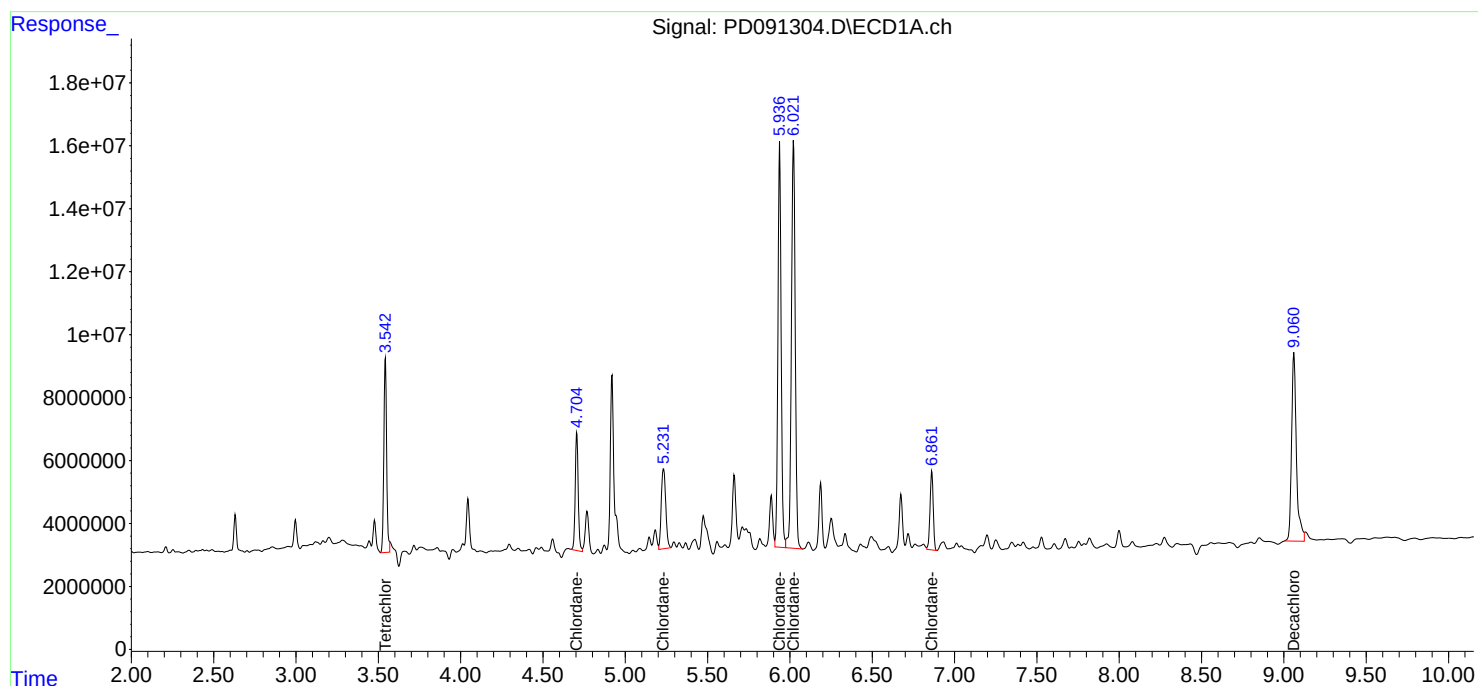
Instrument :  
ECD\_D  
ClientSampleId :  
HW1025-PT-CHLOR-SOIL

Manual Integrations  
APPROVED

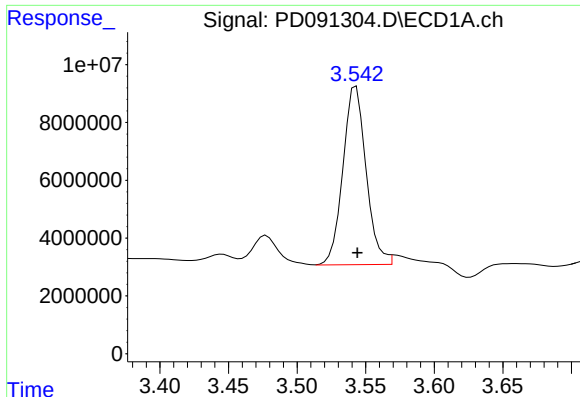
Reviewed By :Abdul Mirza 11/21/2025  
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 22:45:06 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 72571361  
Conc: 21.04 ng/ml

Instrument :

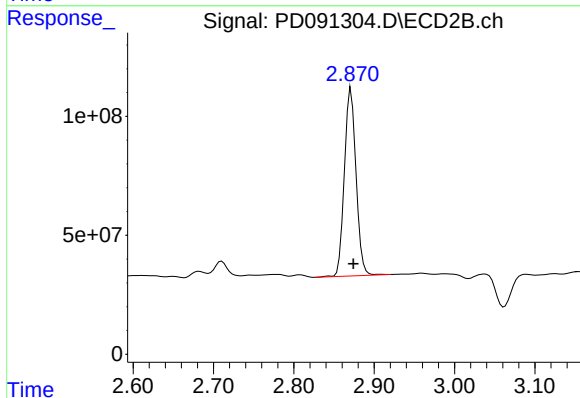
ECD\_D

ClientSampleId :

HW1025-PT-CHLOR-SOIL

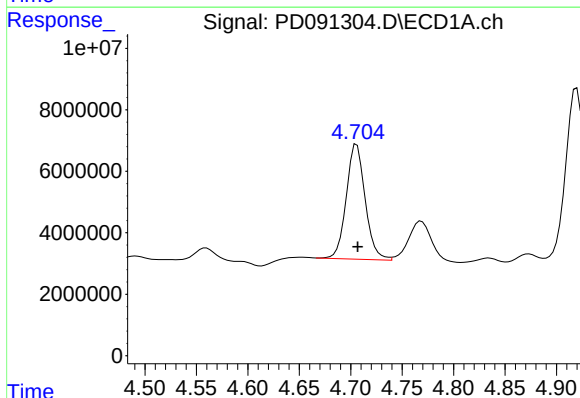
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/21/2025  
Supervised By :mohammad ahmed 11/22/2025



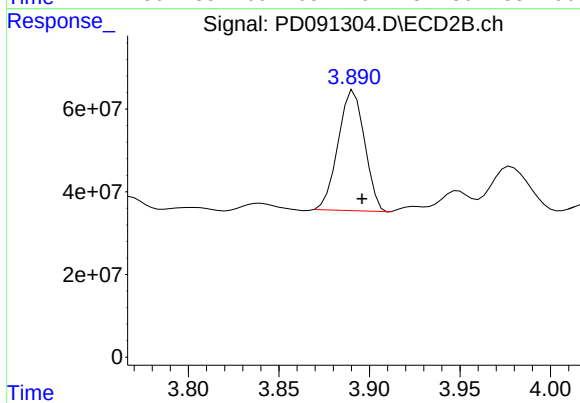
## #1 Tetrachloro-m-xylene

R.T.: 2.871 min  
Delta R.T.: -0.003 min  
Response: 795001248  
Conc: 21.70 ng/ml



## #23 Chlordane-1

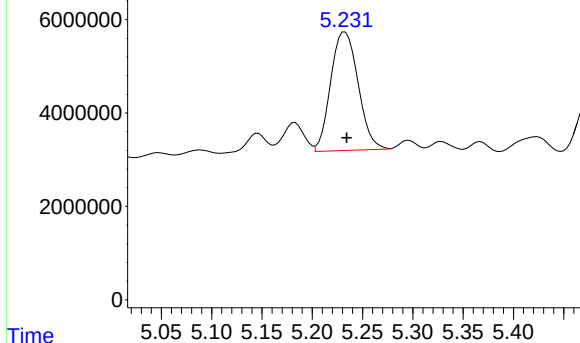
R.T.: 4.706 min  
Delta R.T.: 0.000 min  
Response: 47853881  
Conc: 194.48 ng/ml



## #23 Chlordane-1

R.T.: 3.892 min  
Delta R.T.: -0.004 min  
Response: 296512250  
Conc: 172.36 ng/ml

Response\_ Signal: PD091304.D\ECD1A.ch



#24 Chlordane-2

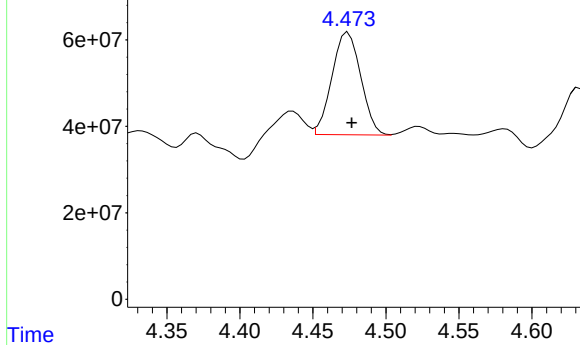
R.T.: 5.233 min  
Delta R.T.: -0.002 min  
Response: 48061709  
Conc: 194.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HW1025-PT-CHLOR-SOIL

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/21/2025  
Supervised By :mohammad ahmed 11/22/2025

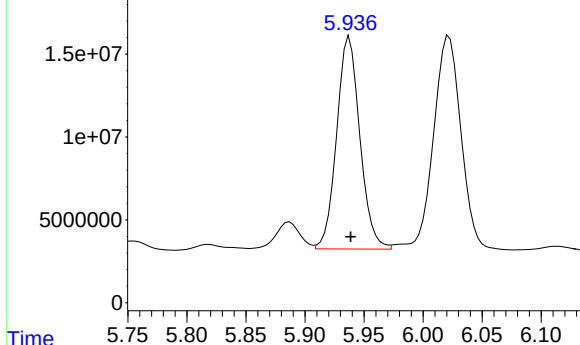
Time Response\_ Signal: PD091304.D\ECD2B.ch



#24 Chlordane-2

R.T.: 4.473 min  
Delta R.T.: -0.004 min  
Response: 324218899  
Conc: 185.16 ng/ml m

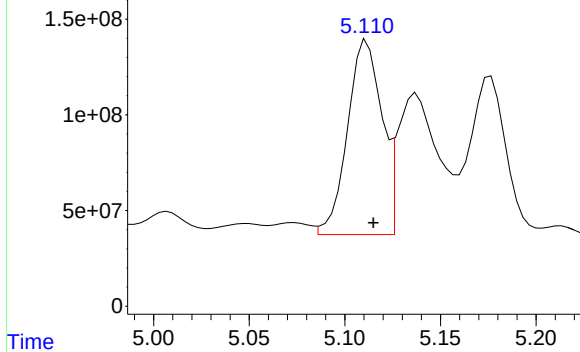
Time Response\_ Signal: PD091304.D\ECD1A.ch



#25 Chlordane-3

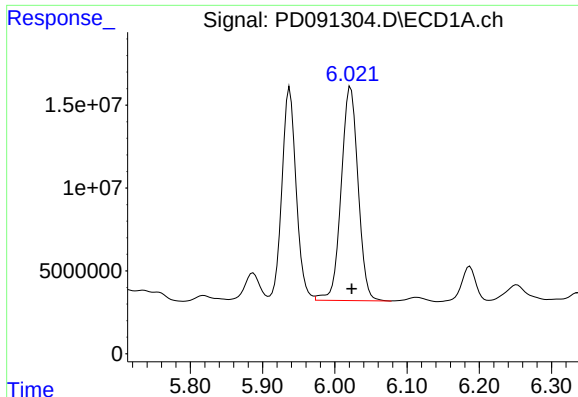
R.T.: 5.938 min  
Delta R.T.: -0.001 min  
Response: 175226746  
Conc: 181.61 ng/ml

Time Response\_ Signal: PD091304.D\ECD2B.ch



#25 Chlordane-3

R.T.: 5.112 min  
Delta R.T.: -0.003 min  
Response: 1266667000  
Conc: 220.15 ng/ml



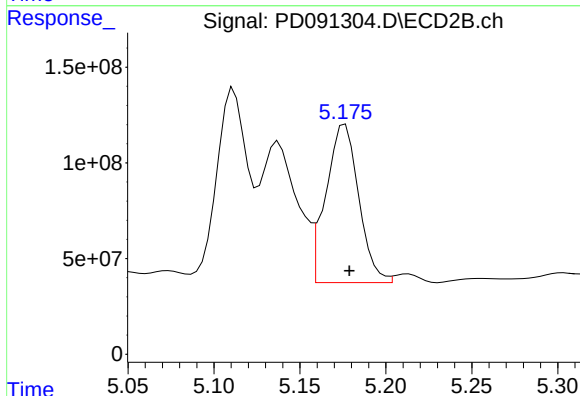
#26 Chlordane-4

R.T.: 6.022 min  
Delta R.T.: -0.001 min  
Response: 209074263  
Conc: 174.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HW1025-PT-CHLOR-SOIL

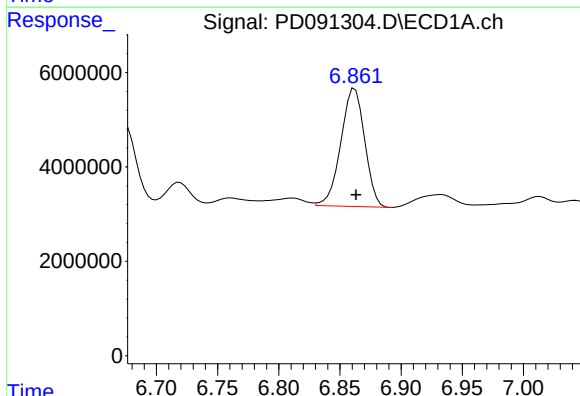
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/21/2025  
Supervised By :mohammad ahmed 11/22/2025



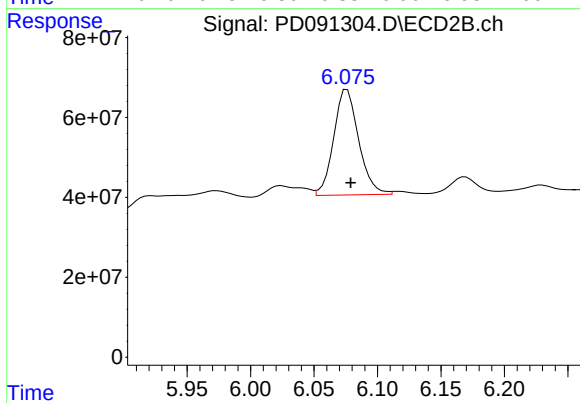
#26 Chlordane-4

R.T.: 5.176 min  
Delta R.T.: -0.003 min  
Response: 1100668421  
Conc: 230.09 ng/ml



#27 Chlordane-5

R.T.: 6.862 min  
Delta R.T.: 0.000 min  
Response: 33947282  
Conc: 171.82 ng/ml



#27 Chlordane-5

R.T.: 6.076 min  
Delta R.T.: -0.003 min  
Response: 361901714  
Conc: 178.35 ng/ml

Response\_ Signal: PD091304.D\ECD1A.ch

#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: -0.003 min  
Response: 123079028  
Conc: 24.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HW1025-PT-CHLOR-SOIL

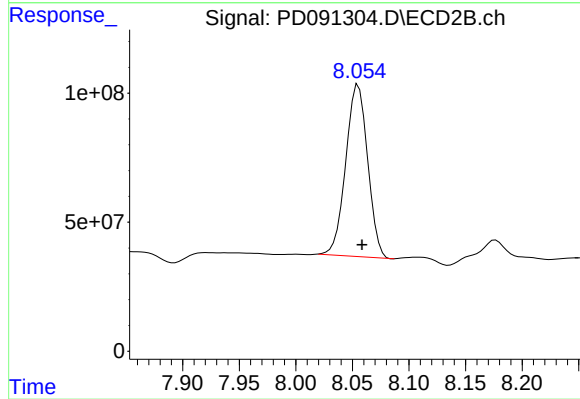
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/21/2025  
Supervised By :mohammad ahmed 11/22/2025

Time Response\_ Signal: PD091304.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 8.055 min  
Delta R.T.: -0.003 min  
Response: 899401067  
Conc: 22.73 ng/ml





# CALIBRATION SUMMARY

|    |
|----|
| 1  |
| 2  |
| 3  |
| 4  |
| 5  |
| 6  |
| 7  |
| 8  |
| 9  |
| 10 |
| 11 |
| 12 |
| 13 |
| 14 |
| 15 |
| 16 |
| 17 |
| 18 |
| 19 |

## RETENTION TIMES OF INITIAL CALIBRATION

|                       |                 |                             |                                     |
|-----------------------|-----------------|-----------------------------|-------------------------------------|
| <b>Lab Name:</b>      | <u>Alliance</u> | <b>Contract:</b>            | <u>ALLI03</u>                       |
| <b>Lab Code:</b>      | <u>ACE</u>      | <b>SDG NO.:</b>             | <u>Q3483</u>                        |
| <b>Instrument ID:</b> | <u>ECD_D</u>    | <b>Calibration Date(s):</b> | <u>11/14/2025</u> <u>11/14/2025</u> |
|                       |                 | <b>Calibration Times:</b>   | <u>22:04</u> <u>22:59</u>           |

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

|                                   |                                    |                                   |
|-----------------------------------|------------------------------------|-----------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 1000 =</b> <u>PD091201.D</u> | <b>RT 750 =</b> <u>PD091202.D</u> |
| <b>RT 500 =</b> <u>PD091203.D</u> | <b>RT 250 =</b> <u>PD091204.D</u>  | <b>RT 050 =</b> <u>PD091205.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |      |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|------|
|                      |     |         |        |        |        |        |            | FROM      | TO   |
| Chlordane-1          | (1) | 4.71    | 4.71   | 4.71   | 4.71   | 4.71   | 4.71       | 4.61      | 4.81 |
| Chlordane-2          | (2) | 5.23    | 5.23   | 5.23   | 5.23   | 5.23   | 5.23       | 5.13      | 5.33 |
| Chlordane-3          | (3) | 5.94    | 5.94   | 5.94   | 5.94   | 5.94   | 5.94       | 5.84      | 6.04 |
| Chlordane-4          | (4) | 6.02    | 6.02   | 6.02   | 6.02   | 6.02   | 6.02       | 5.92      | 6.12 |
| Chlordane-5          | (5) | 6.86    | 6.86   | 6.86   | 6.86   | 6.86   | 6.86       | 6.76      | 6.96 |
| Decachlorobiphenyl   |     | 9.06    | 9.06   | 9.06   | 9.06   | 9.06   | 9.06       | 8.96      | 9.16 |
| Tetrachloro-m-xylene |     | 3.54    | 3.54   | 3.54   | 3.54   | 3.54   | 3.54       | 3.44      | 3.64 |

## RETENTION TIMES OF INITIAL CALIBRATION

|                       |                 |                             |                                     |
|-----------------------|-----------------|-----------------------------|-------------------------------------|
| <b>Lab Name:</b>      | <u>Alliance</u> | <b>Contract:</b>            | <u>ALLI03</u>                       |
| <b>Lab Code:</b>      | <u>ACE</u>      | <b>SDG NO.:</b>             | <u>Q3483</u>                        |
| <b>Instrument ID:</b> | <u>ECD_D</u>    | <b>Calibration Date(s):</b> | <u>11/14/2025</u> <u>11/14/2025</u> |
|                       |                 | <b>Calibration Times:</b>   | <u>22:04</u> <u>22:59</u>           |

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

|                                   |                                    |                                   |
|-----------------------------------|------------------------------------|-----------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 1000 =</b> <u>PD091201.D</u> | <b>RT 750 =</b> <u>PD091202.D</u> |
| <b>RT 500 =</b> <u>PD091203.D</u> | <b>RT 250 =</b> <u>PD091204.D</u>  | <b>RT 050 =</b> <u>PD091205.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |      |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|------|
|                      |     |         |        |        |        |        |            | FROM      | TO   |
| Chlordane-1          | (1) | 3.90    | 3.90   | 3.90   | 3.90   | 3.90   | 3.90       | 3.80      | 4.00 |
| Chlordane-2          | (2) | 4.48    | 4.48   | 4.48   | 4.48   | 4.48   | 4.48       | 4.38      | 4.58 |
| Chlordane-3          | (3) | 5.12    | 5.11   | 5.11   | 5.12   | 5.12   | 5.11       | 5.01      | 5.21 |
| Chlordane-4          | (4) | 5.18    | 5.18   | 5.18   | 5.18   | 5.18   | 5.18       | 5.08      | 5.28 |
| Chlordane-5          | (5) | 6.08    | 6.08   | 6.08   | 6.08   | 6.08   | 6.08       | 5.98      | 6.18 |
| Decachlorobiphenyl   |     | 8.06    | 8.06   | 8.06   | 8.06   | 8.06   | 8.06       | 7.96      | 8.16 |
| Tetrachloro-m-xylene |     | 2.87    | 2.87   | 2.87   | 2.87   | 2.87   | 2.87       | 2.77      | 2.97 |



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Fax : 908 789 8922

### CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ALLI03  
SDG NO.: Q3483

Calibration Date(s): 11/14/2025 11/14/2025  
Calibration Times: 22:04 22:59

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

| LAB FILE ID:               |     | CF 1000 = <u>PD091201.D</u> |            | CF 750 = <u>PD091202.D</u> |            |            |            |          |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|----------|
| CF 500 = <u>PD091203.D</u> |     | CF 250 = <u>PD091204.D</u>  |            | CF 050 = <u>PD091205.D</u> |            |            |            |          |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | CF         | %<br>RSD |
| Chlordane-1                | (1) | 228792000                   | 256117000  | 226559000                  | 227203000  | 291616000  | 246057000  | 12       |
| Chlordane-2                | (2) | 211896000                   | 240559000  | 220838000                  | 234318000  | 327040000  | 246930000  | 19       |
| Chlordane-3                | (3) | 920499000                   | 1031880000 | 897406000                  | 884207000  | 1090240000 | 964845000  | 9        |
| Chlordane-4                | (4) | 1096340000                  | 1220070000 | 1078200000                 | 1109420000 | 1502000000 | 1201210000 | 15       |
| Chlordane-5                | (5) | 179826000                   | 202962000  | 177563000                  | 180114000  | 247395000  | 197572000  | 15       |
| Decachlorobiphenyl         |     | 399971000                   | 454589000  | 418574000                  | 451348000  | 614774000  | 467851000  | 18       |
| Tetrachloro-m-xylene       |     | 284738000                   | 320488000  | 287782000                  | 298282000  | 377063000  | 313671000  | 12       |





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### CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ALLI03  
SDG NO.: Q3483

Calibration Date(s): 11/14/2025 11/14/2025  
Calibration Times: 22:04 22:59

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

| LAB FILE ID:               |     | CF 1000 = <u>PD091201.D</u> |            | CF 750 = <u>PD091202.D</u> |            |            |            |          |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|----------|
| CF 500 = <u>PD091203.D</u> |     | CF 250 = <u>PD091204.D</u>  |            | CF 050 = <u>PD091205.D</u> |            |            |            |          |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | CF         | %<br>RSD |
| Chlordane-1                | (1) | 1510480000                  | 1692440000 | 1577130000                 | 1654310000 | 2167100000 | 1720290000 | 15       |
| Chlordane-2                | (2) | 1499600000                  | 1688670000 | 1596840000                 | 1718280000 | 2251770000 | 1751030000 | 17       |
| Chlordane-3                | (3) | 5071220000                  | 5634390000 | 5251440000                 | 5473720000 | 7337120000 | 5753580000 | 16       |
| Chlordane-4                | (4) | 4191940000                  | 4660300000 | 4354520000                 | 4575030000 | 6136040000 | 4783570000 | 16       |
| Chlordane-5                | (5) | 1825550000                  | 2015790000 | 1876790000                 | 1945190000 | 2482690000 | 2029200000 | 13       |
| Decachlorobiphenyl         |     | 3321810000                  | 3685560000 | 3407050000                 | 3659470000 | 4707760000 | 3756330000 | 15       |
| Tetrachloro-m-xylene       |     | 3730380000                  | 4146890000 | 3805450000                 | 3929210000 | 5053320000 | 4133050000 | 13       |



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Fax : 908 789 8922

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** ALLI03  
**Lab Code:** ACE **SDG NO.:** Q3483  
**Instrument ID:** ECD\_D **Date(s) Analyzed:** 11/14/2025 11/14/2025  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm)

| COMPOUND  | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|-----------|----------------|------|------|-----------|------|-----------------------|
|           |                |      |      | FROM      | TO   |                       |
| Chlordane | 1000           | 1    | 4.71 | 4.61      | 4.81 | 228792000             |
|           |                | 2    | 5.23 | 5.13      | 5.33 | 211896000             |
|           |                | 3    | 5.94 | 5.84      | 6.04 | 920499000             |
|           |                | 4    | 6.02 | 5.92      | 6.12 | 1096340000            |
|           |                | 5    | 6.86 | 6.76      | 6.96 | 179826000             |
| Chlordane | 250            | 1    | 4.71 | 4.61      | 4.81 | 227203000             |
|           |                | 2    | 5.23 | 5.13      | 5.33 | 234318000             |
|           |                | 3    | 5.94 | 5.84      | 6.04 | 884207000             |
|           |                | 4    | 6.02 | 5.92      | 6.12 | 1109420000            |
|           |                | 5    | 6.86 | 6.76      | 6.96 | 180114000             |
| Chlordane | 50             | 1    | 4.71 | 4.61      | 4.81 | 291616000             |
|           |                | 2    | 5.23 | 5.13      | 5.33 | 327040000             |
|           |                | 3    | 5.94 | 5.84      | 6.04 | 1090240000            |
|           |                | 4    | 6.02 | 5.92      | 6.12 | 1502000000            |
|           |                | 5    | 6.86 | 6.76      | 6.96 | 247395000             |
| Chlordane | 500            | 1    | 4.71 | 4.61      | 4.81 | 226559000             |
|           |                | 2    | 5.23 | 5.13      | 5.33 | 220838000             |
|           |                | 3    | 5.94 | 5.84      | 6.04 | 897406000             |
|           |                | 4    | 6.02 | 5.92      | 6.12 | 1078200000            |
|           |                | 5    | 6.86 | 6.76      | 6.96 | 177563000             |
| Chlordane | 750            | 1    | 4.71 | 4.61      | 4.81 | 256117000             |
|           |                | 2    | 5.23 | 5.13      | 5.33 | 240559000             |
|           |                | 3    | 5.94 | 5.84      | 6.04 | 1031880000            |
|           |                | 4    | 6.02 | 5.92      | 6.12 | 1220070000            |
|           |                | 5    | 6.86 | 6.76      | 6.96 | 202962000             |



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# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ALLI03

Lab Code: ACE SDG NO.: Q3483

Instrument ID: ECD\_D Date(s) Analyzed: 11/14/2025 11/14/2025

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

| COMPOUND  | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|-----------|----------------|------|------|-----------|------|-----------------------|
|           |                |      |      | FROM      | TO   |                       |
| Chlordane | 1000           | 1    | 3.90 | 3.80      | 4.00 | 1510480000            |
|           |                | 2    | 4.48 | 4.38      | 4.58 | 1499600000            |
|           |                | 3    | 5.12 | 5.02      | 5.22 | 5071220000            |
|           |                | 4    | 5.18 | 5.08      | 5.28 | 4191940000            |
|           |                | 5    | 6.08 | 5.98      | 6.18 | 1825550000            |
| Chlordane | 250            | 1    | 3.90 | 3.80      | 4.00 | 1654310000            |
|           |                | 2    | 4.48 | 4.38      | 4.58 | 1718280000            |
|           |                | 3    | 5.12 | 5.02      | 5.22 | 5473720000            |
|           |                | 4    | 5.18 | 5.08      | 5.28 | 4575030000            |
|           |                | 5    | 6.08 | 5.98      | 6.18 | 1945190000            |
| Chlordane | 50             | 1    | 3.90 | 3.80      | 4.00 | 2167100000            |
|           |                | 2    | 4.48 | 4.38      | 4.58 | 2251770000            |
|           |                | 3    | 5.12 | 5.02      | 5.22 | 7337120000            |
|           |                | 4    | 5.18 | 5.08      | 5.28 | 6136040000            |
|           |                | 5    | 6.08 | 5.98      | 6.18 | 2482690000            |
| Chlordane | 500            | 1    | 3.90 | 3.80      | 4.00 | 1577130000            |
|           |                | 2    | 4.48 | 4.38      | 4.58 | 1596840000            |
|           |                | 3    | 5.11 | 5.01      | 5.21 | 5251440000            |
|           |                | 4    | 5.18 | 5.08      | 5.28 | 4354520000            |
|           |                | 5    | 6.08 | 5.98      | 6.18 | 1876790000            |
| Chlordane | 750            | 1    | 3.90 | 3.80      | 4.00 | 1692440000            |
|           |                | 2    | 4.48 | 4.38      | 4.58 | 1688670000            |
|           |                | 3    | 5.11 | 5.01      | 5.21 | 5634390000            |
|           |                | 4    | 5.18 | 5.08      | 5.28 | 4660300000            |
|           |                | 5    | 6.08 | 5.98      | 6.18 | 2015790000            |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
Data File : PD091201.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2025 22:04  
Operator : AR\AJ  
Sample : PCHLORICC1000  
Misc :  
ALS Vial : 59 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 04:29:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:28:24 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 | 2.873 | 284.7E6  | 3730.4E6 | 98.942   | 98.027  |
| 28)                         | SA Decachlor... | 9.062 | 8.059 | 400.0E6  | 3321.8E6 | 95.556   | 97.498  |
|                             |                 |       |       |          |          |          |         |
| Target Compounds            |                 |       |       |          |          |          |         |
| 23)                         | Chlordane-1     | 4.707 | 3.896 | 228.8E6  | 1510.5E6 | 1009.857 | 957.736 |
| 24)                         | Chlordane-2     | 5.234 | 4.477 | 211.9E6  | 1499.6E6 | 959.509  | 939.108 |
| 25)                         | Chlordane-3     | 5.939 | 5.115 | 920.5E6  | 5071.2E6 | 1025.733 | 965.680 |
| 26)                         | Chlordane-4     | 6.024 | 5.179 | 1096.3E6 | 4191.9E6 | 1016.817 | 962.665 |
| 27)                         | Chlordane-5     | 6.863 | 6.079 | 179.8E6  | 1825.6E6 | 1012.748 | 972.699 |
| -----                       |                 |       |       |          |          |          |         |

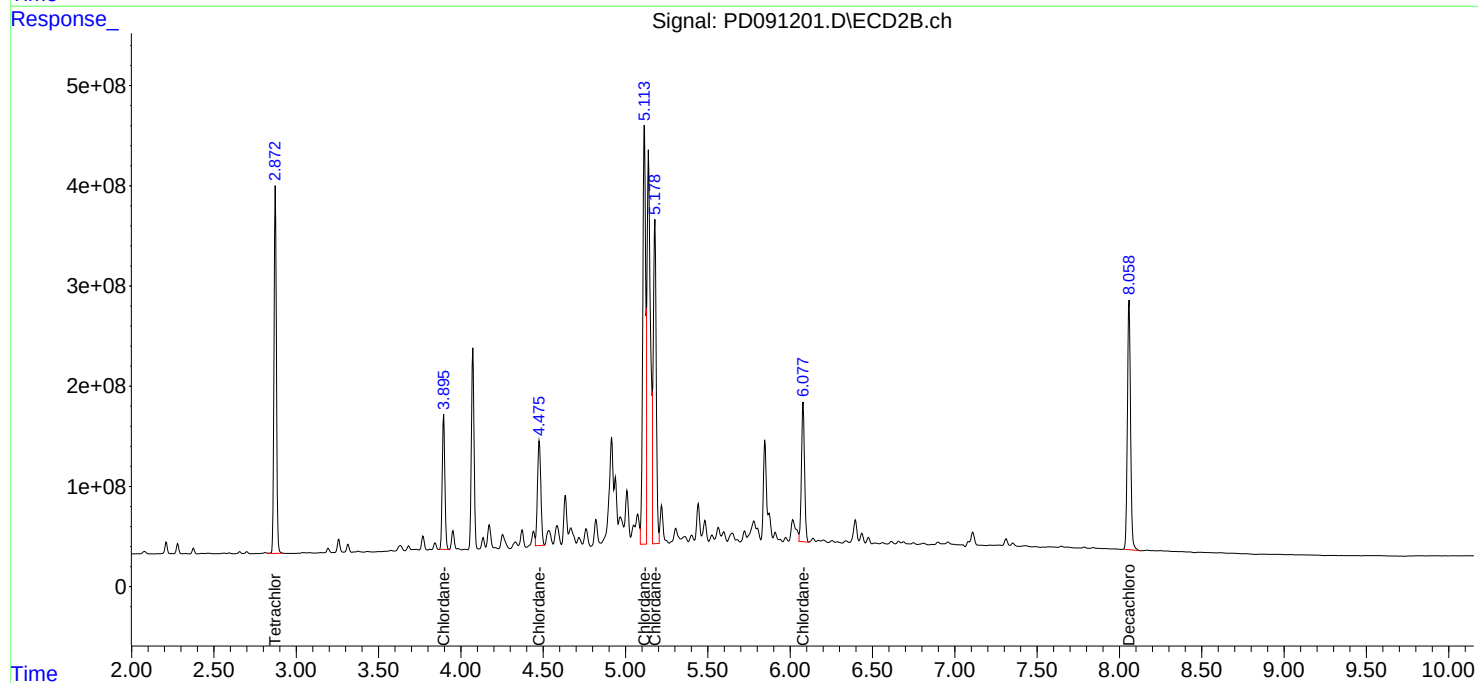
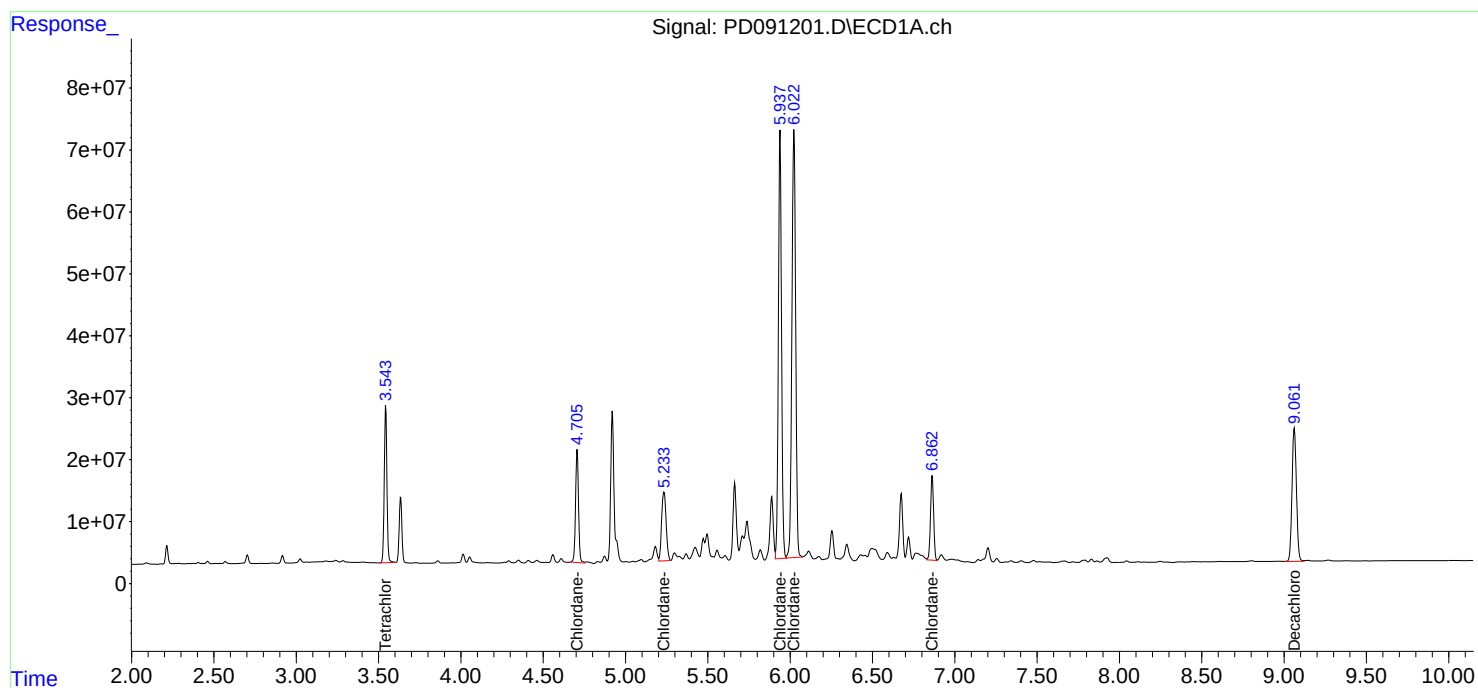
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
Data File : PD091201.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2025 22:04  
Operator : AR\AJ  
Sample : PCHLORICC1000  
Misc :  
ALS Vial : 59 Sample Multiplier: 1

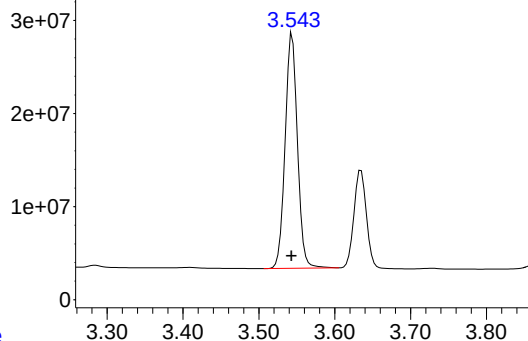
Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 04:29:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:28:24 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: PD091201.D\ECD1A.ch

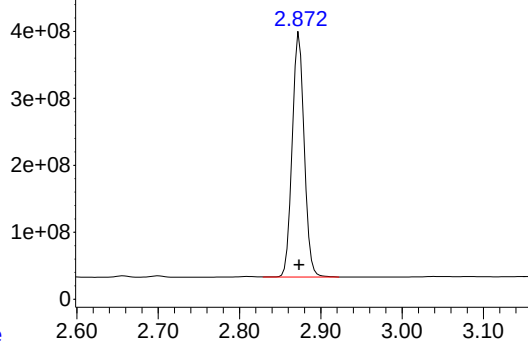


#1 Tetrachloro-m-xylene

R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 284737714  
Conc: 98.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC1000

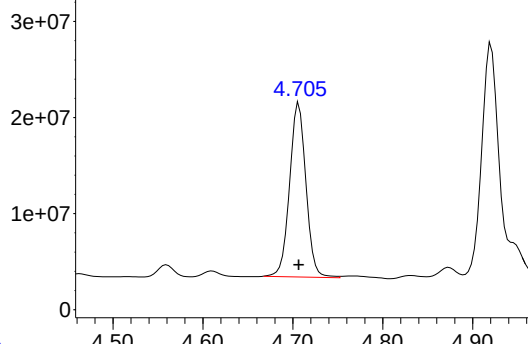
Time Response\_ Signal: PD091201.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.873 min  
Delta R.T.: 0.000 min  
Response: 3730379770  
Conc: 98.03 ng/ml

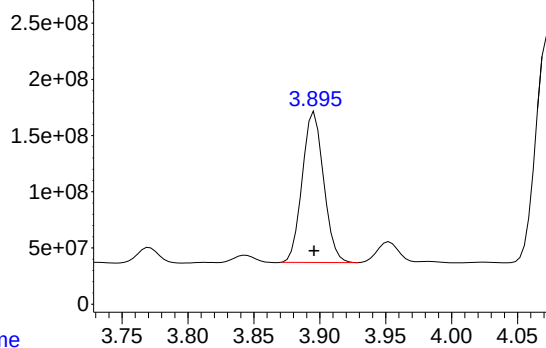
Time Response\_ Signal: PD091201.D\ECD1A.ch



#23 Chlordane-1

R.T.: 4.707 min  
Delta R.T.: 0.000 min  
Response: 228791884  
Conc: 1009.86 ng/ml

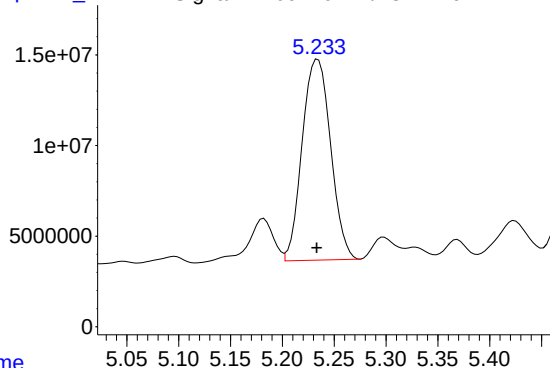
Time Response\_ Signal: PD091201.D\ECD2B.ch



#23 Chlordane-1

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 1510476958  
Conc: 957.74 ng/ml

Response\_ Signal: PD091201.D\ECD1A.ch

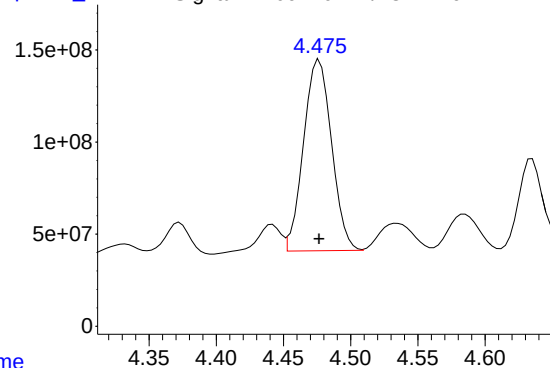


#24 Chlordane-2

R.T.: 5.234 min  
Delta R.T.: 0.001 min  
Response: 211895649  
Conc: 959.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC1000

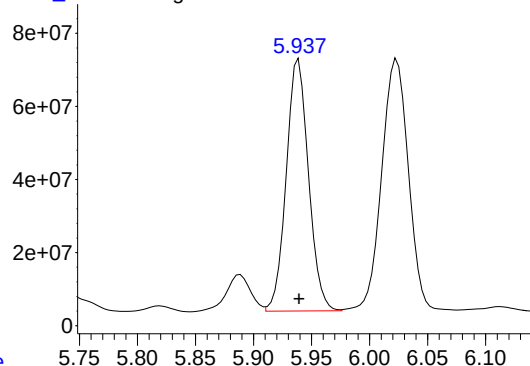
Time Response\_ Signal: PD091201.D\ECD2B.ch



#24 Chlordane-2

R.T.: 4.477 min  
Delta R.T.: 0.000 min  
Response: 1499600776  
Conc: 939.11 ng/ml

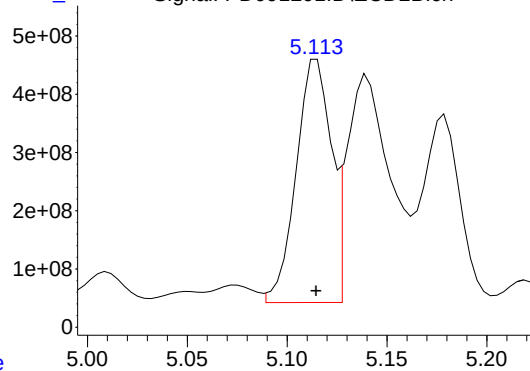
Time Response\_ Signal: PD091201.D\ECD1A.ch



#25 Chlordane-3

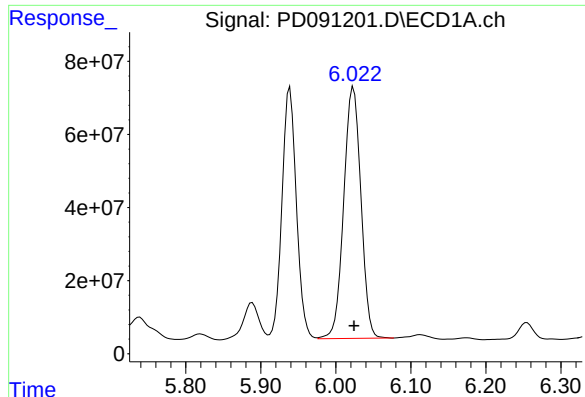
R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 920499080  
Conc: 1025.73 ng/ml

Time Response\_ Signal: PD091201.D\ECD2B.ch



#25 Chlordane-3

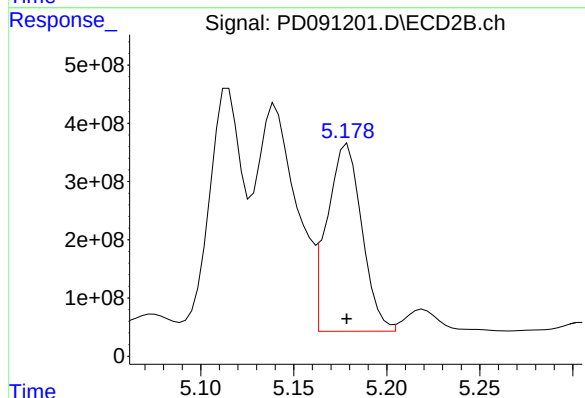
R.T.: 5.115 min  
Delta R.T.: 0.000 min  
Response: 5071216706  
Conc: 965.68 ng/ml



#26 Chlordane-4

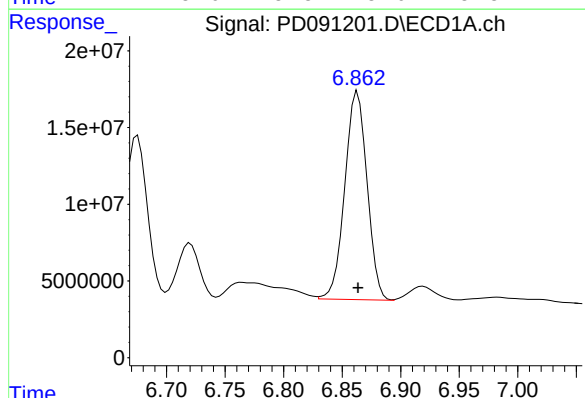
R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 1096335902  
Conc: 1016.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC1000



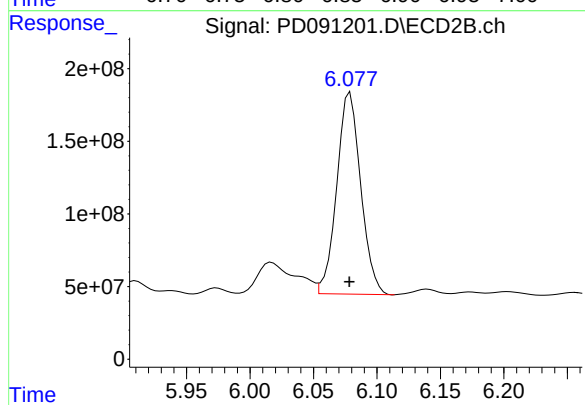
#26 Chlordane-4

R.T.: 5.179 min  
Delta R.T.: 0.000 min  
Response: 4191940341  
Conc: 962.67 ng/ml



#27 Chlordane-5

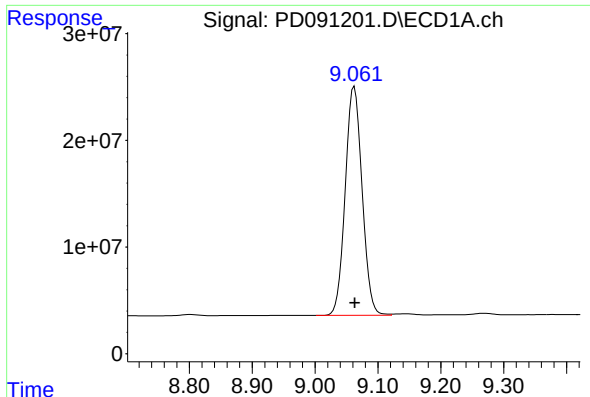
R.T.: 6.863 min  
Delta R.T.: 0.000 min  
Response: 179826187  
Conc: 1012.75 ng/ml



#27 Chlordane-5

R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 1825552284  
Conc: 972.70 ng/ml

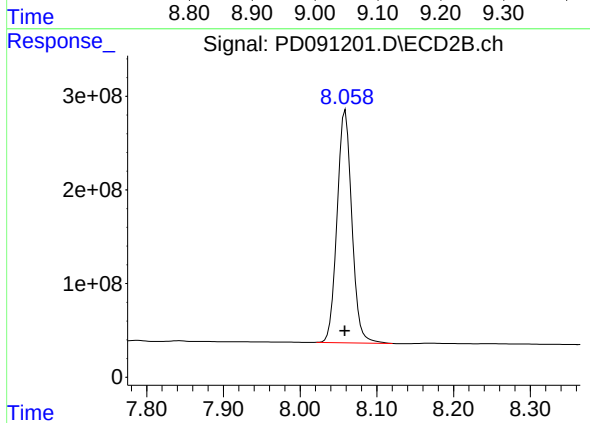




#28 Decachlorobiphenyl

R.T.: 9.062 min  
Delta R.T.: -0.001 min  
Response: 399970999  
Conc: 95.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC1000



#28 Decachlorobiphenyl

R.T.: 8.059 min  
Delta R.T.: 0.001 min  
Response: 3321812081  
Conc: 97.50 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
Data File : PD091202.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2025 22:18  
Operator : AR\AJ  
Sample : PCHLORICC750  
Misc :  
ALS Vial : 60 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 04:29:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:28:24 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 | 2.873 | 240.4E6 | 3110.2E6 | 83.524  | 81.729  |
| 28)                         | SA Decachlor... | 9.063 | 8.059 | 340.9E6 | 2764.2E6 | 81.453  | 81.131  |
|                             |                 |       |       |         |          |         |         |
| Target Compounds            |                 |       |       |         |          |         |         |
| 23)                         | Chlordane-1     | 4.707 | 3.896 | 192.1E6 | 1269.3E6 | 847.850 | 804.834 |
| 24)                         | Chlordane-2     | 5.234 | 4.476 | 180.4E6 | 1266.5E6 | 816.978 | 793.134 |
| 25)                         | Chlordane-3     | 5.939 | 5.114 | 773.9E6 | 4225.8E6 | 862.382 | 804.691 |
| 26)                         | Chlordane-4     | 6.024 | 5.179 | 915.1E6 | 3495.2E6 | 848.683 | 802.667 |
| 27)                         | Chlordane-5     | 6.863 | 6.079 | 152.2E6 | 1511.8E6 | 857.282 | 805.549 |
| -----                       |                 |       |       |         |          |         |         |

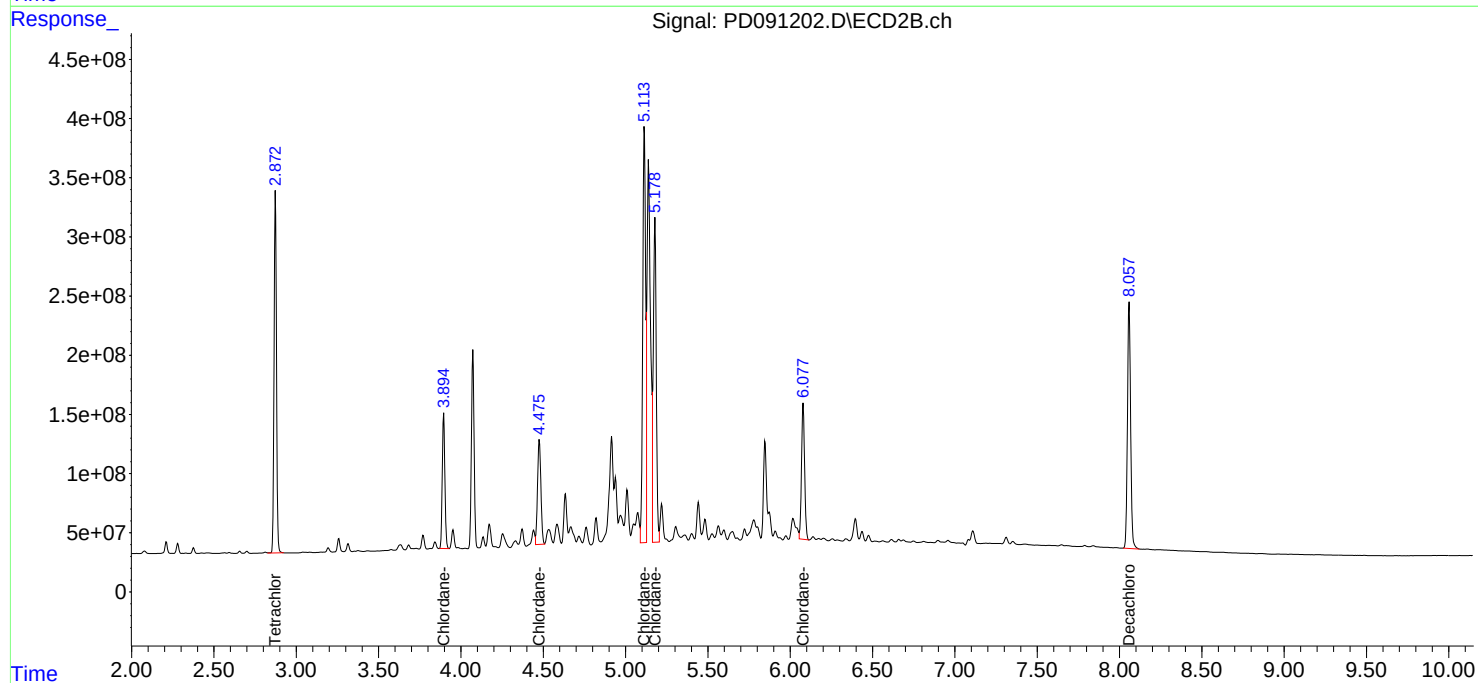
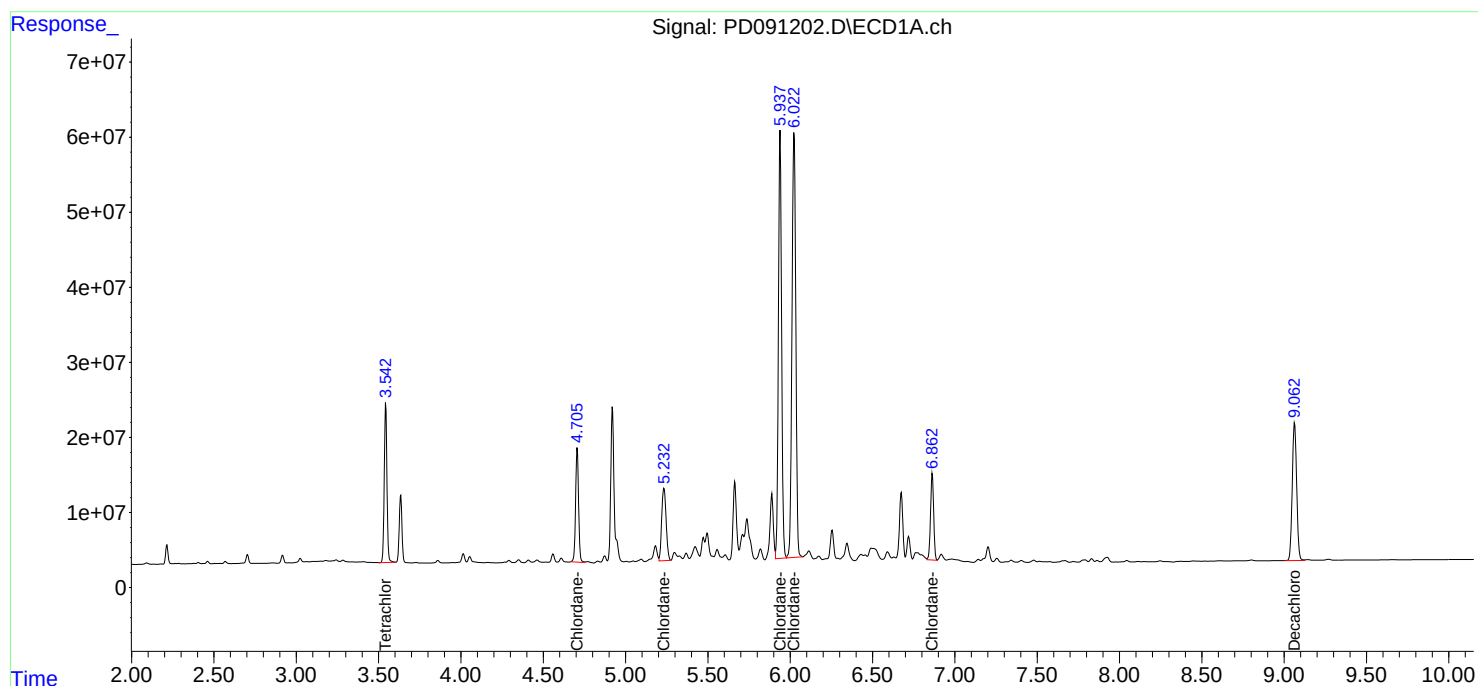
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

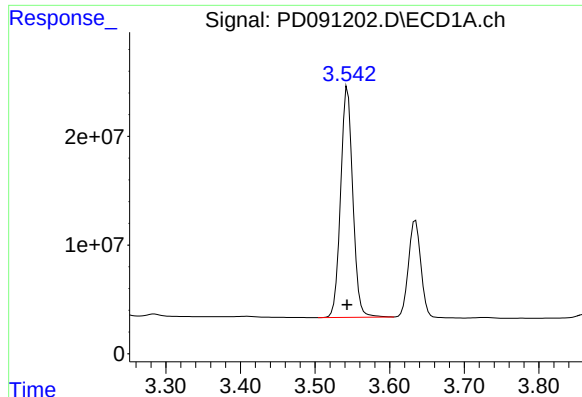
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
Data File : PD091202.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2025 22:18  
Operator : AR\AJ  
Sample : PCHLORICC750  
Misc :  
ALS Vial : 60 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 04:29:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:28:24 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

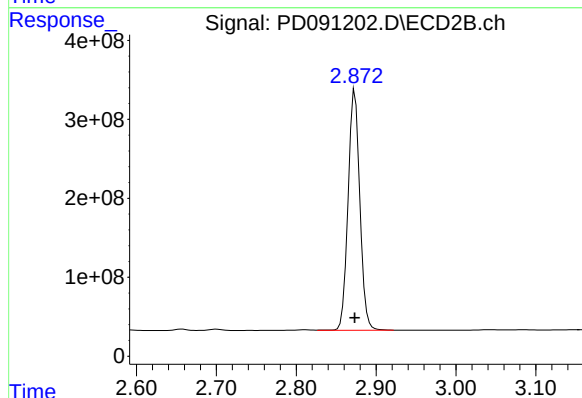




## #1 Tetrachloro-m-xylene

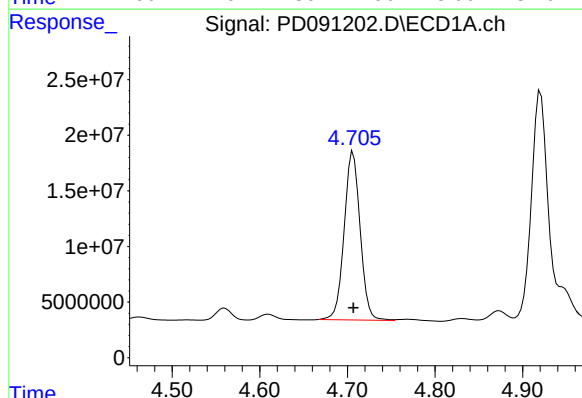
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 240366290  
Conc: 83.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC750



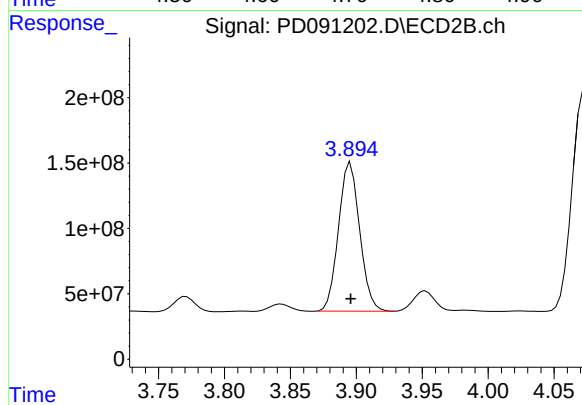
## #1 Tetrachloro-m-xylene

R.T.: 2.873 min  
Delta R.T.: 0.000 min  
Response: 3110170221  
Conc: 81.73 ng/ml



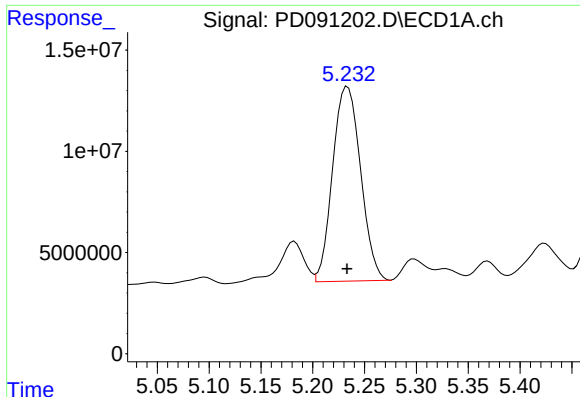
## #23 Chlordane-1

R.T.: 4.707 min  
Delta R.T.: 0.000 min  
Response: 192087820  
Conc: 847.85 ng/ml



## #23 Chlordane-1

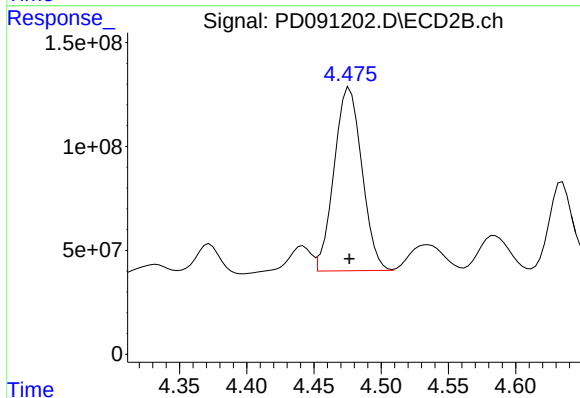
R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 1269330674  
Conc: 804.83 ng/ml



#24 Chlordane-2

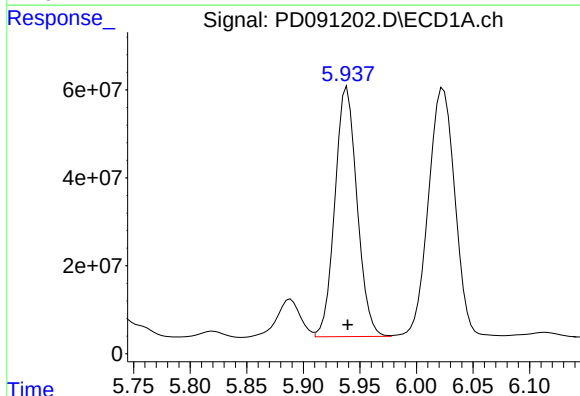
R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 180419372  
Conc: 816.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC750



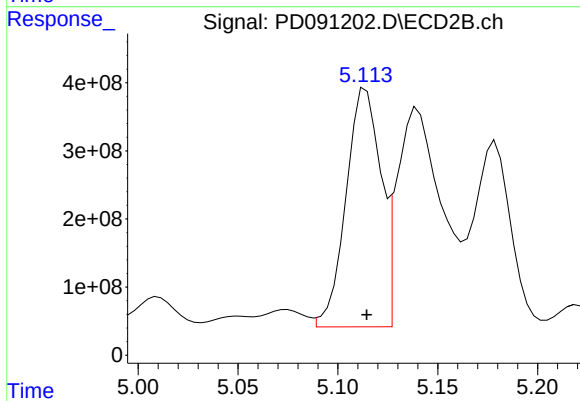
#24 Chlordane-2

R.T.: 4.476 min  
Delta R.T.: 0.000 min  
Response: 1266505011  
Conc: 793.13 ng/ml



#25 Chlordane-3

R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 773906852  
Conc: 862.38 ng/ml



#25 Chlordane-3

R.T.: 5.114 min  
Delta R.T.: 0.000 min  
Response: 4225791921  
Conc: 804.69 ng/ml

Response\_ Signal: PD091202.D\ECD1A.ch

#26 Chlordane-4

R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 915053418  
Conc: 848.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC750

Time

Response\_ Signal: PD091202.D\ECD2B.ch

#26 Chlordane-4

R.T.: 5.179 min  
Delta R.T.: 0.000 min  
Response: 3495225444  
Conc: 802.67 ng/ml

Time

Response\_ Signal: PD091202.D\ECD1A.ch

#27 Chlordane-5

R.T.: 6.863 min  
Delta R.T.: 0.000 min  
Response: 152221189  
Conc: 857.28 ng/ml

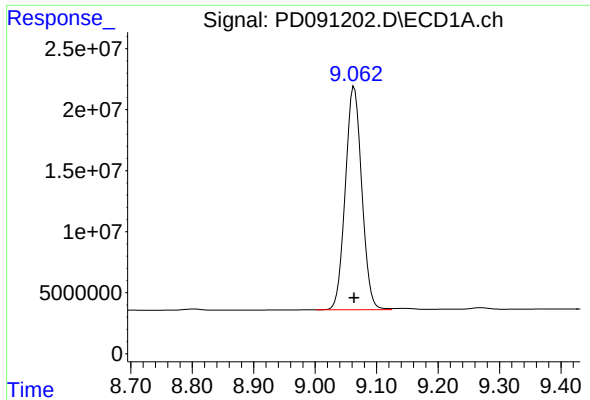
Time

Response\_ Signal: PD091202.D\ECD2B.ch

#27 Chlordane-5

R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 1511846234  
Conc: 805.55 ng/ml

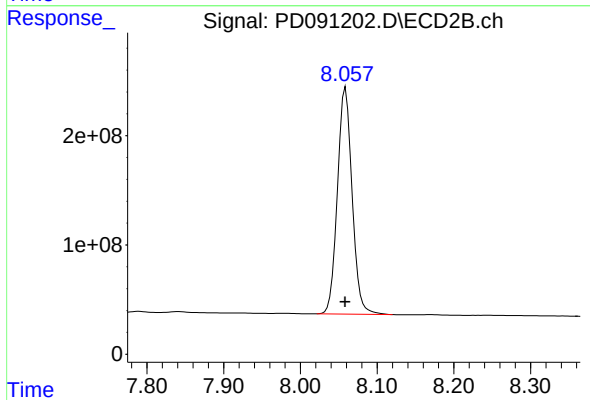
Time



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: 0.000 min  
Response: 340941743  
Conc: 81.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC750



#28 Decachlorobiphenyl

R.T.: 8.059 min  
Delta R.T.: 0.000 min  
Response: 2764170440  
Conc: 81.13 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
Data File : PD091203.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2025 22:32  
Operator : AR\AJ  
Sample : PCHLORICC500  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 04:29:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:28:24 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... | 3.543 | 2.873 | 143.9E6  | 1902.7E6 | 50.000  | 50.000  |
| 28)                         | SA Decachlor... | 9.063 | 8.058 | 209.3E6  | 1703.5E6 | 50.000  | 50.000  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 23)                         | Chlordane-1     | 4.707 | 3.896 | 113.3E6  | 788.6E6  | 500.000 | 500.000 |
| 24)                         | Chlordane-2     | 5.233 | 4.476 | 110.4E6  | 798.4E6  | 500.000 | 500.000 |
| 25)                         | Chlordane-3     | 5.939 | 5.114 | 448.7E6  | 2625.7E6 | 500.000 | 500.000 |
| 26)                         | Chlordane-4     | 6.024 | 5.178 | 539.1E6  | 2177.3E6 | 500.000 | 500.000 |
| 27)                         | Chlordane-5     | 6.864 | 6.078 | 88781325 | 938.4E6  | 500.000 | 500.000 |
| -----                       |                 |       |       |          |          |         |         |

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

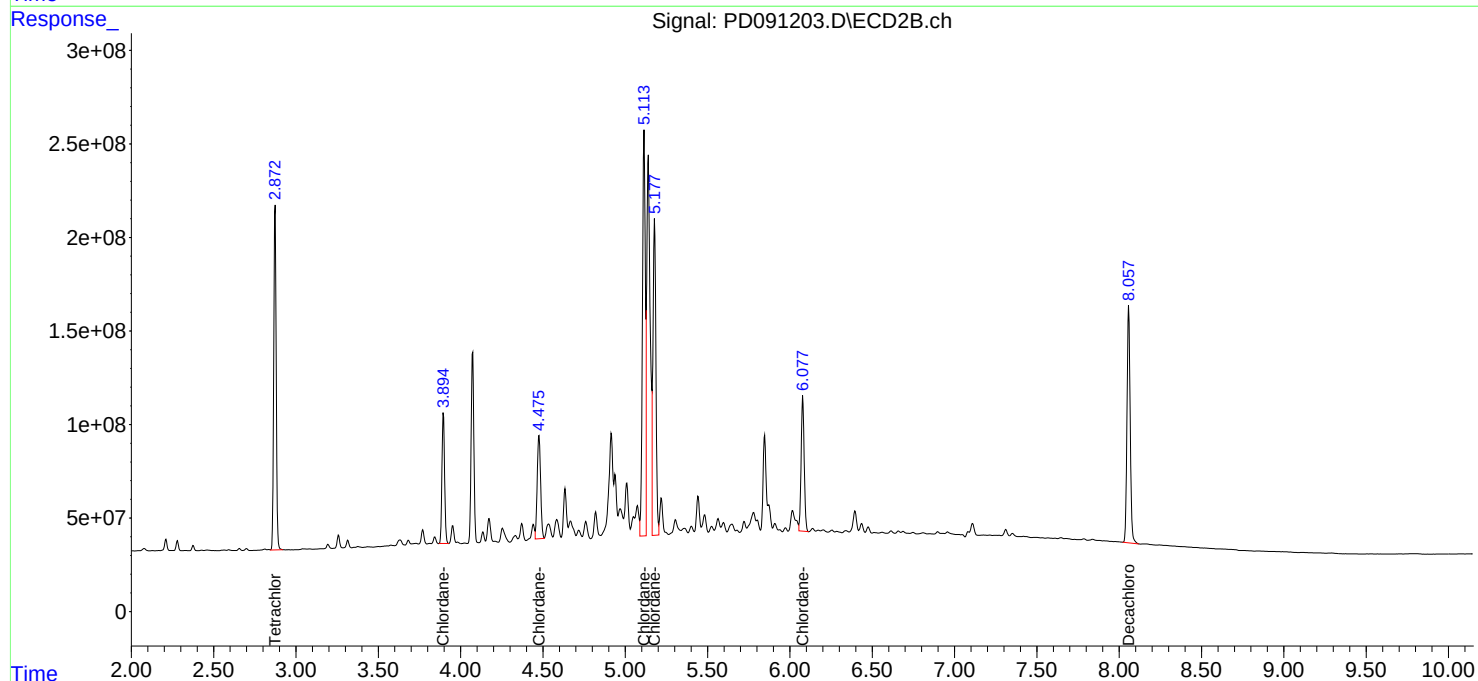
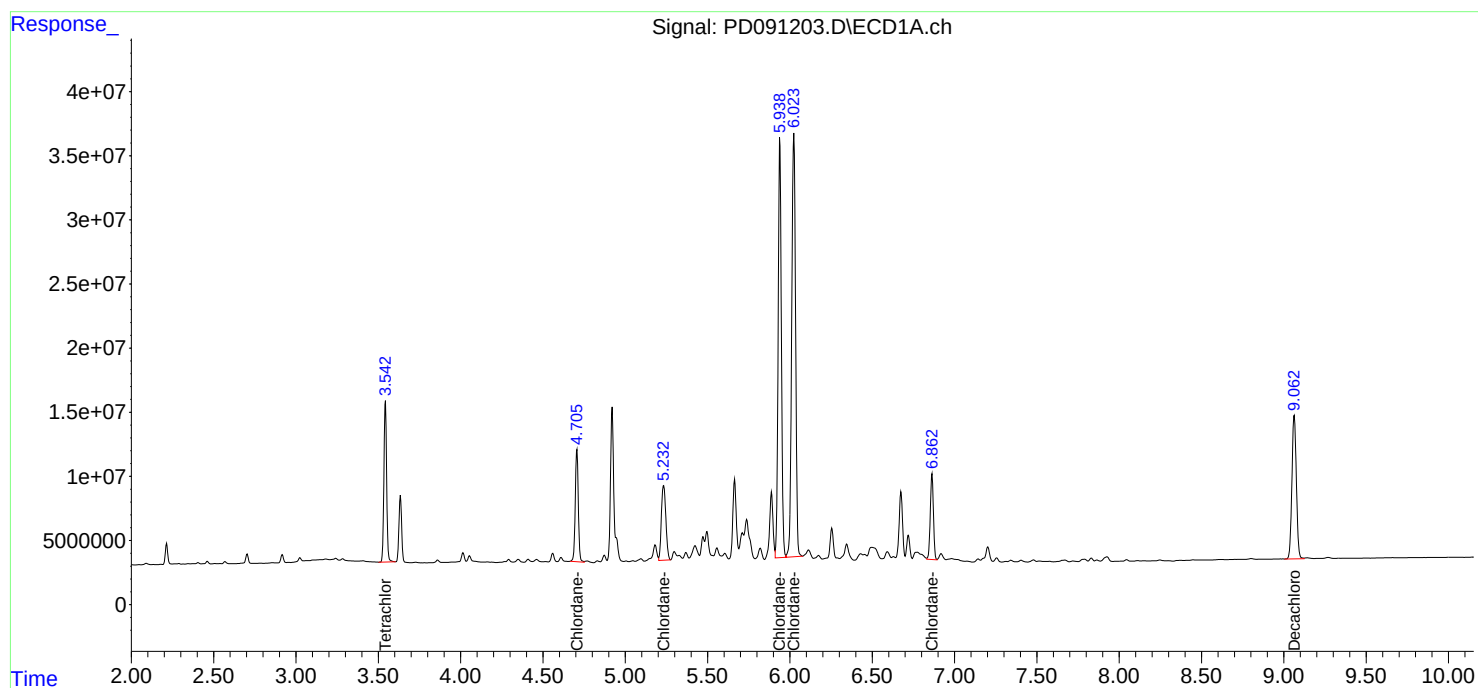


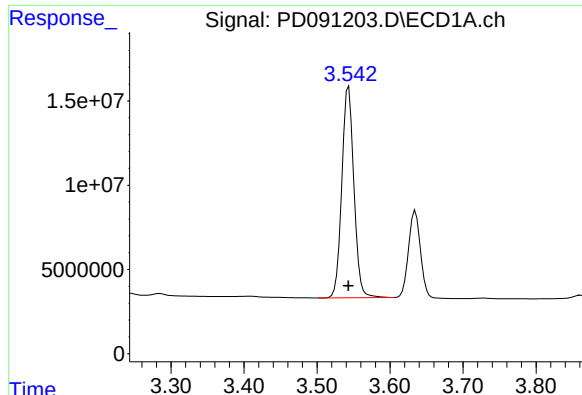
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
Data File : PD091203.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2025 22:32  
Operator : AR\AJ  
Sample : PCHLORICC500  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 04:29:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:28:24 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

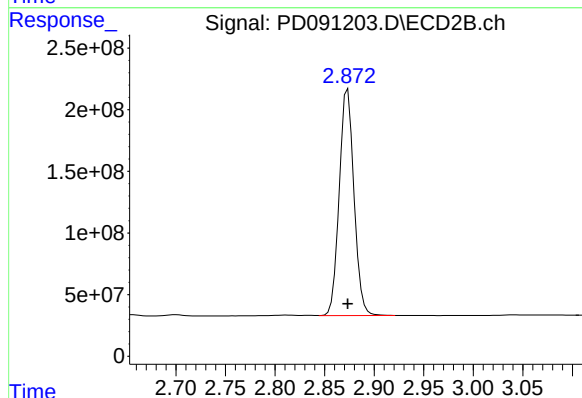




## #1 Tetrachloro-m-xylene

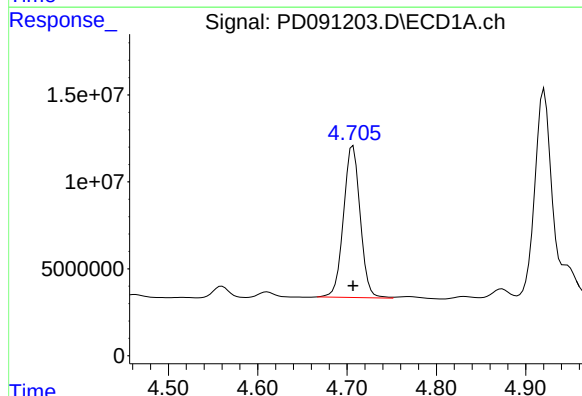
R.T.: 3.543 min  
Delta R.T.: 0.000 min  
Response: 143891190  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC500



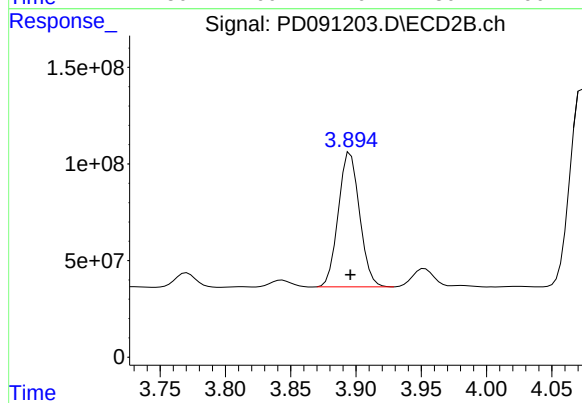
## #1 Tetrachloro-m-xylene

R.T.: 2.873 min  
Delta R.T.: 0.000 min  
Response: 1902723643  
Conc: 50.00 ng/ml



## #23 Chlordane-1

R.T.: 4.707 min  
Delta R.T.: 0.000 min  
Response: 113279394  
Conc: 500.00 ng/ml



## #23 Chlordane-1

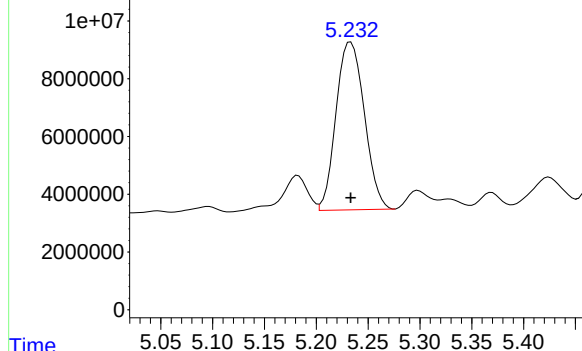
R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 788566505  
Conc: 500.00 ng/ml

Response\_ Signal: PD091203.D\ECD1A.ch

#24 Chlordane-2

R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 110418770  
Conc: 500.00 ng/ml

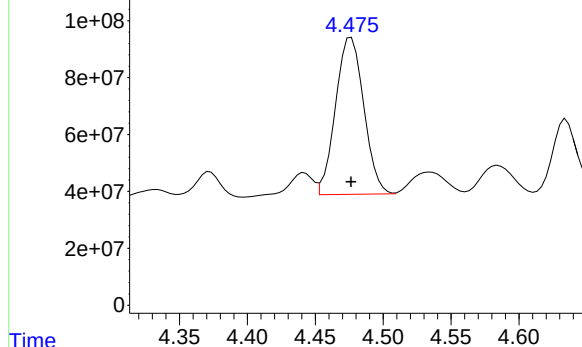
Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC500



Time Response\_ Signal: PD091203.D\ECD2B.ch

#24 Chlordane-2

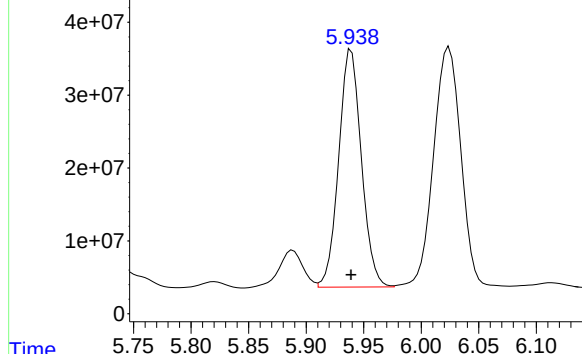
R.T.: 4.476 min  
Delta R.T.: 0.000 min  
Response: 798417588  
Conc: 500.00 ng/ml



Time Response\_ Signal: PD091203.D\ECD1A.ch

#25 Chlordane-3

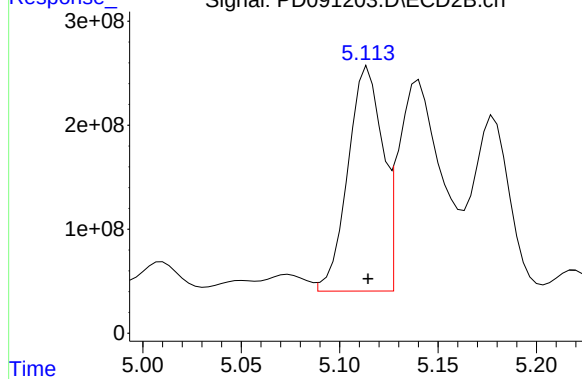
R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 448703112  
Conc: 500.00 ng/ml

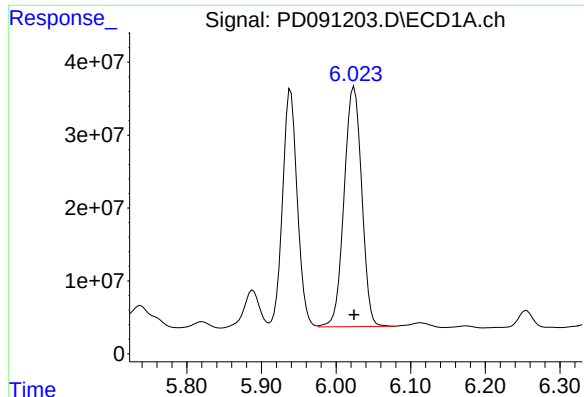


Time Response\_ Signal: PD091203.D\ECD2B.ch

#25 Chlordane-3

R.T.: 5.114 min  
Delta R.T.: 0.000 min  
Response: 2625722277  
Conc: 500.00 ng/ml

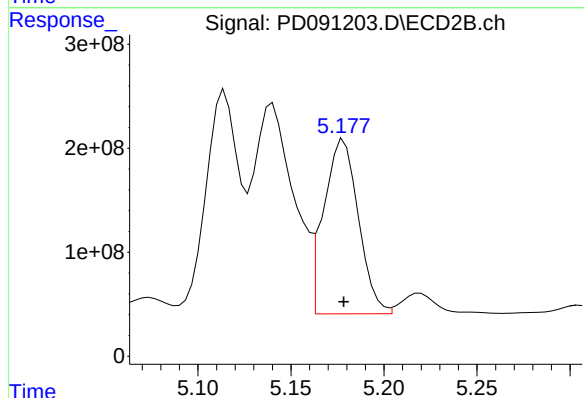




#26 Chlordane-4

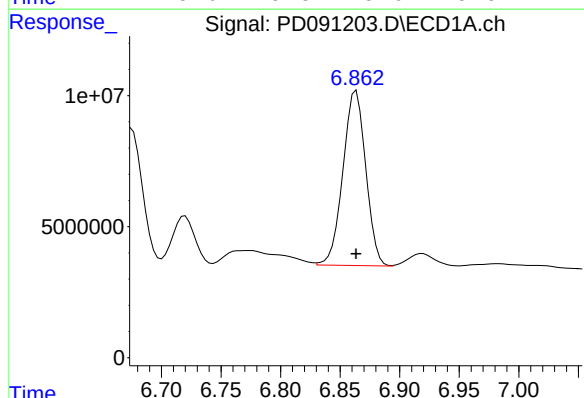
R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 539101822  
Conc: 500.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC500



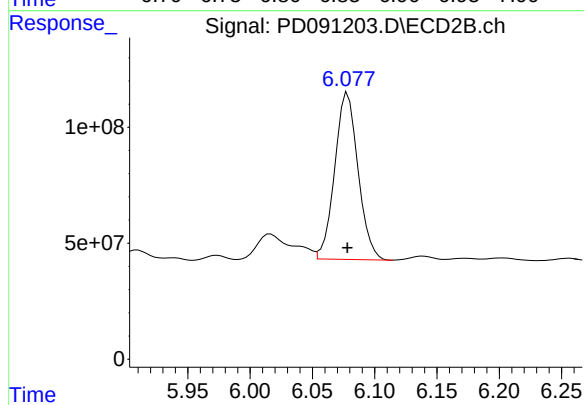
#26 Chlordane-4

R.T.: 5.178 min  
Delta R.T.: 0.000 min  
Response: 2177257914  
Conc: 500.00 ng/ml



#27 Chlordane-5

R.T.: 6.864 min  
Delta R.T.: 0.000 min  
Response: 88781325  
Conc: 500.00 ng/ml



#27 Chlordane-5

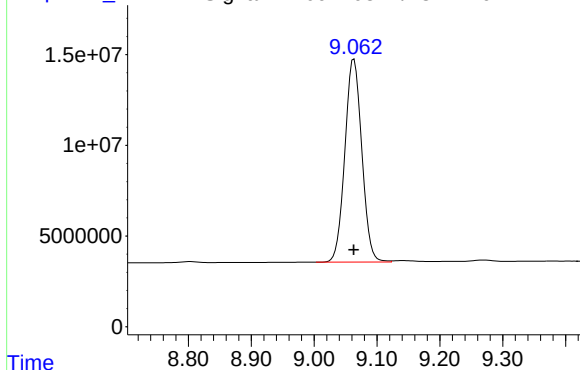
R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 938395073  
Conc: 500.00 ng/ml

Response\_

Signal: PD091203.D\ECD1A.ch

#28 Decachlorobiphenyl

ICAL Form



R.T.: 9.063 min  
Delta R.T.: 0.000 min  
Response: 209287182  
Conc: 50.00 ng/ml

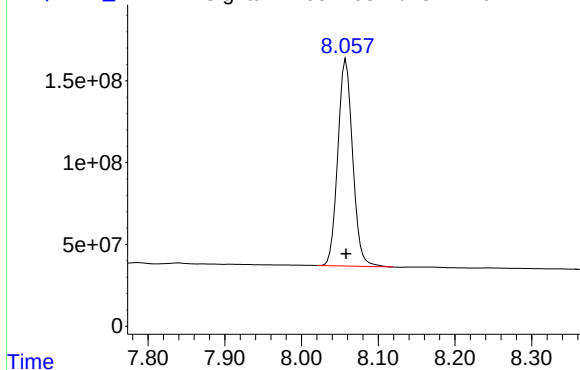
Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC500

Time

Response\_

Signal: PD091203.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.058 min  
Delta R.T.: 0.000 min  
Response: 1703523968  
Conc: 50.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
 Data File : PD091204.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Nov 2025 22:46  
 Operator : AR\AJ  
 Sample : PCHLORICC250  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORICC250

### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/17/2025  
 Supervised By :Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 15 04:30:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 15 04:28:24 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 | 2.874 | 74570440 | 982.3E6  | 25.912   | 25.813  |
| 28)                         | SA Decachlor... | 9.064 | 8.059 | 112.8E6  | 914.9E6  | 26.957   | 26.852  |
| Target Compounds            |                 |       |       |          |          |          |         |
| 23)                         | Chlordane-1     | 4.705 | 3.896 | 56800689 | 413.6E6  | 250.711m | 262.234 |
| 24)                         | Chlordane-2     | 5.233 | 4.477 | 58579552 | 429.6E6  | 265.261  | 269.014 |
| 25)                         | Chlordane-3     | 5.939 | 5.115 | 221.1E6  | 1368.4E6 | 246.323  | 260.582 |
| 26)                         | Chlordane-4     | 6.024 | 5.179 | 277.4E6  | 1143.8E6 | 257.237  | 262.660 |
| 27)                         | Chlordane-5     | 6.863 | 6.078 | 45028512 | 486.3E6  | 253.592  | 259.111 |
| -----                       |                 |       |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
Data File : PD091204.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2025 22:46  
Operator : AR\AJ  
Sample : PCHLORICC250  
Misc :  
ALS Vial : 62 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PCHLORICC250

## Manual Integrations

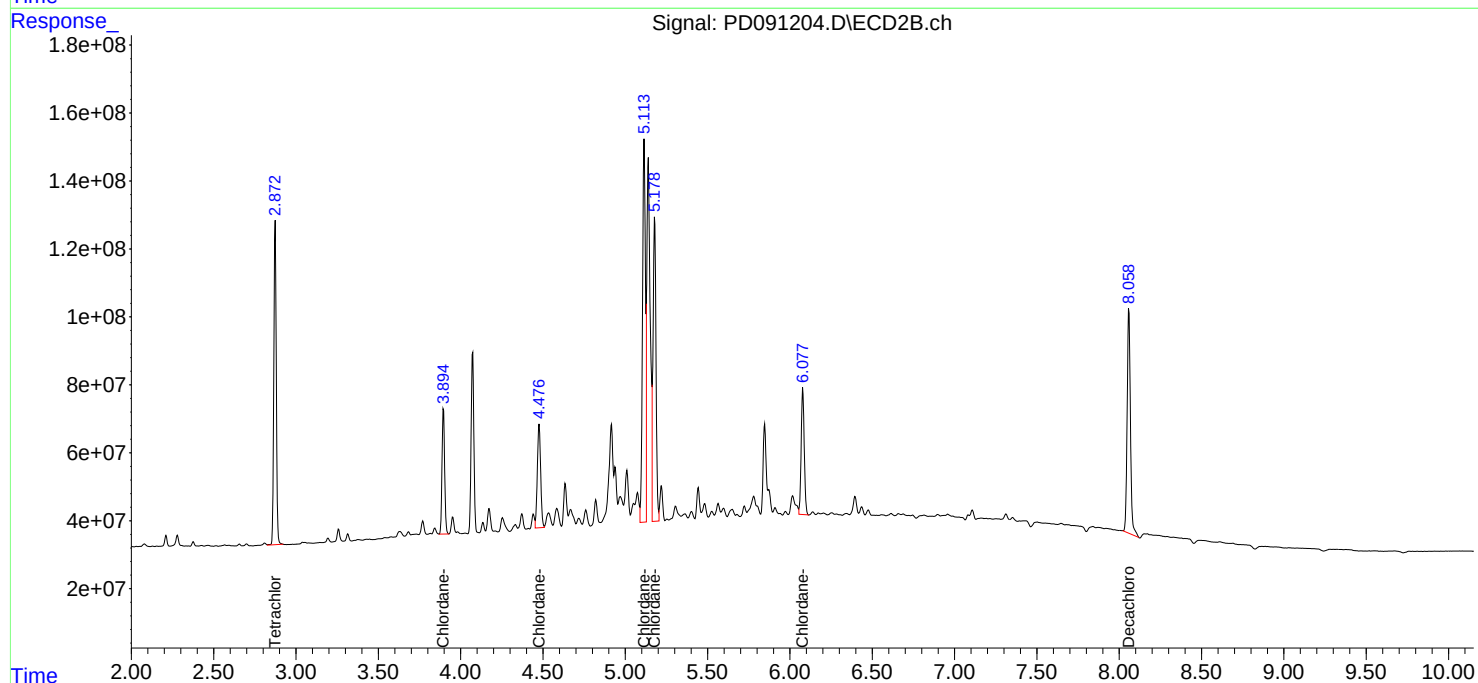
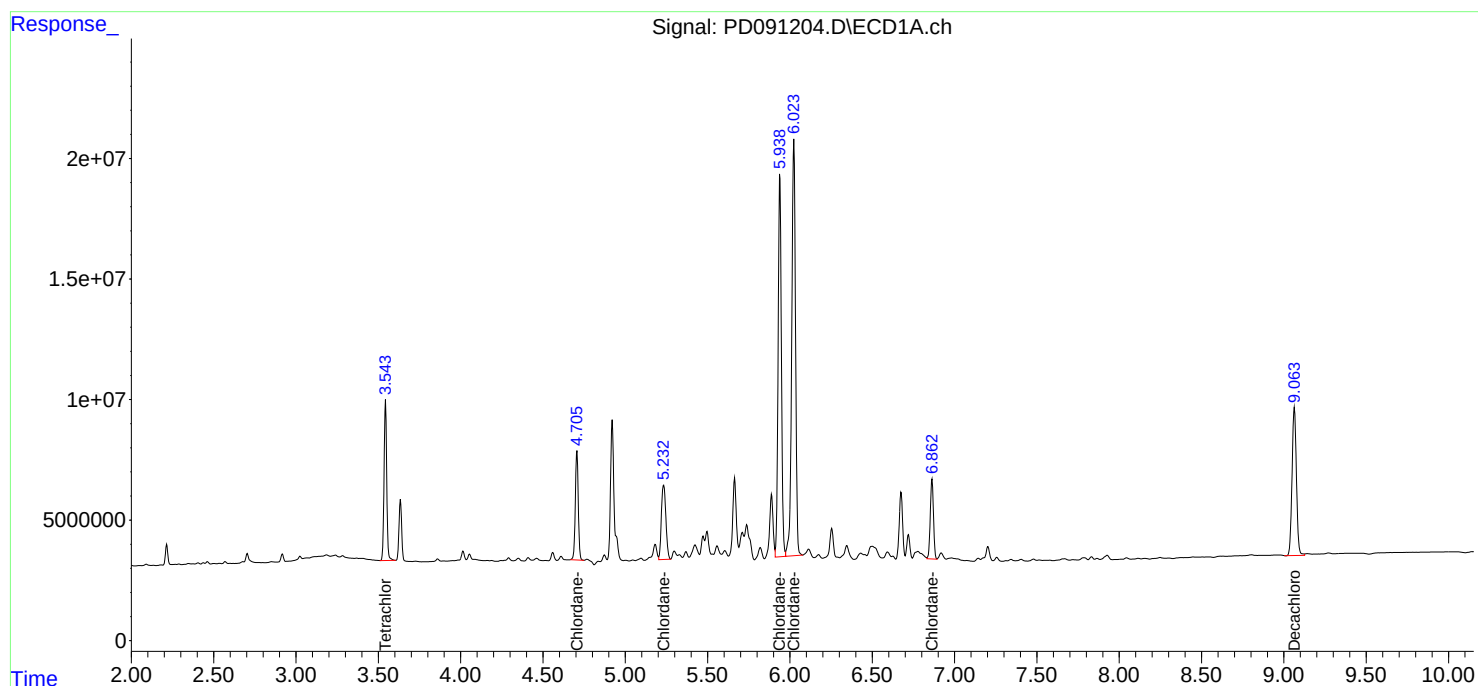
APPROVED

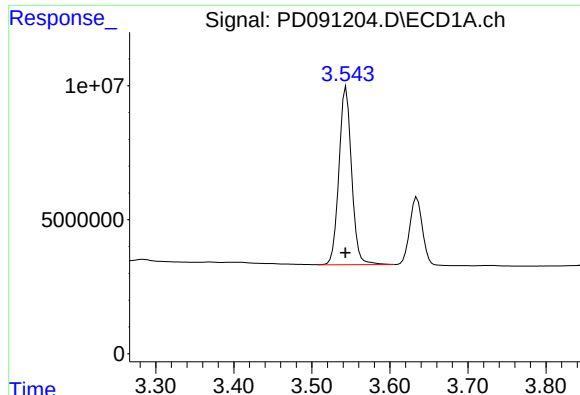
Reviewed By :Abdul Mirza 11/17/2025

Supervised By :Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 04:30:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:28:24 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.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 74570440  
Conc: 25.91 ng/ml

Instrument :

ECD\_D

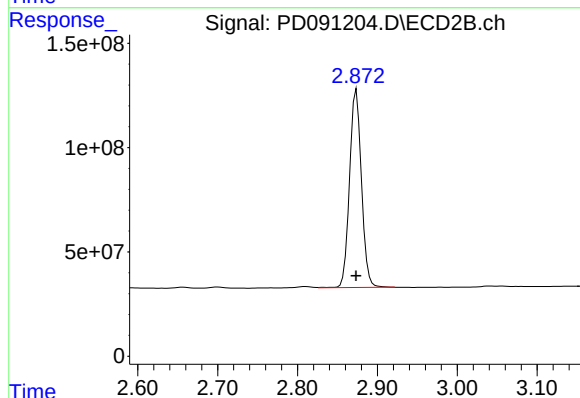
ClientSampleId :

PCHLORICC250

Manual Integrations

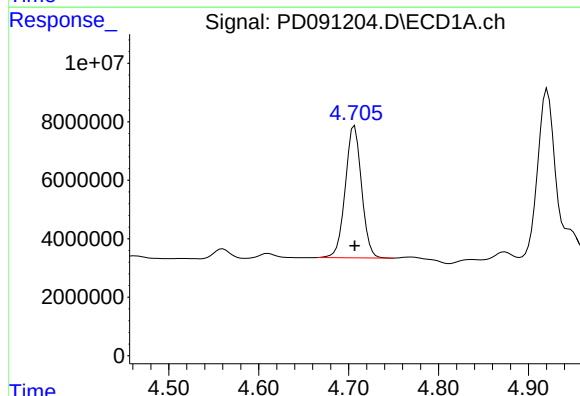
APPROVED

Reviewed By :Abdul Mirza 11/17/2025  
Supervised By :Sohil Jodhani 11/17/2025



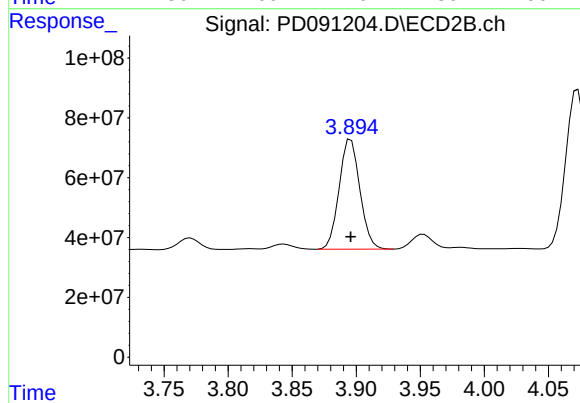
## #1 Tetrachloro-m-xylene

R.T.: 2.874 min  
Delta R.T.: 0.000 min  
Response: 982303600  
Conc: 25.81 ng/ml



## #23 Chlordane-1

R.T.: 4.705 min  
Delta R.T.: -0.001 min  
Response: 56800689  
Conc: 250.71 ng/ml m

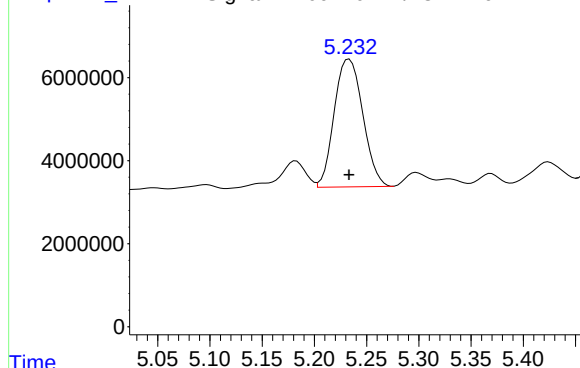


## #23 Chlordane-1

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 413578015  
Conc: 262.23 ng/ml



Response\_ Signal: PD091204.D\ECD1A.ch



#24 Chlordane-2

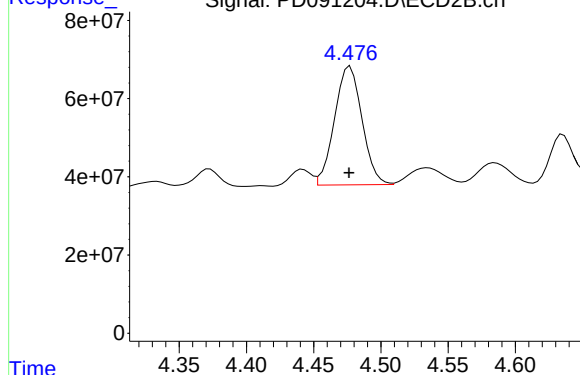
R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 58579552  
Conc: 265.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC250

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/17/2025  
Supervised By :Sohil Jodhani 11/17/2025

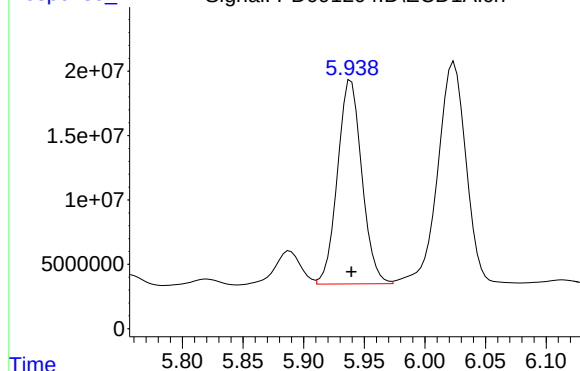
Time Response\_ Signal: PD091204.D\ECD2B.ch



#24 Chlordane-2

R.T.: 4.477 min  
Delta R.T.: 0.000 min  
Response: 429570865  
Conc: 269.01 ng/ml

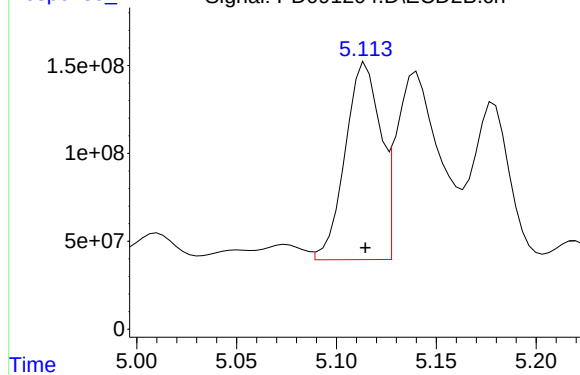
Time Response\_ Signal: PD091204.D\ECD1A.ch



#25 Chlordane-3

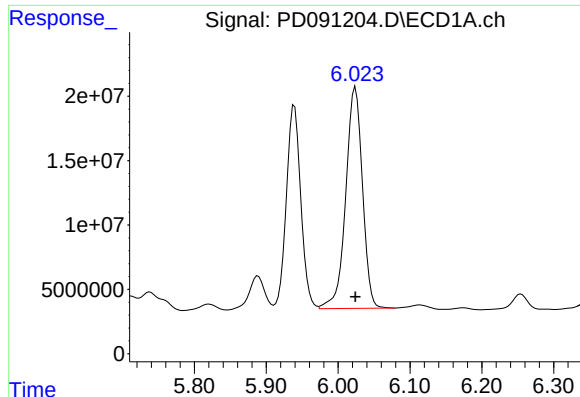
R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 221051867  
Conc: 246.32 ng/ml

Time Response\_ Signal: PD091204.D\ECD2B.ch



#25 Chlordane-3

R.T.: 5.115 min  
Delta R.T.: 0.000 min  
Response: 1368430659  
Conc: 260.58 ng/ml



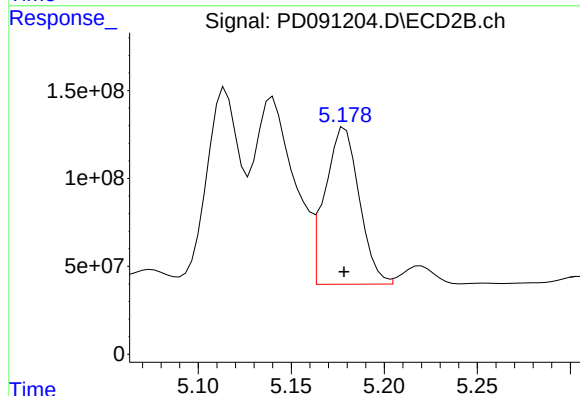
#26 Chlordane-4

R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 277353876  
Conc: 257.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC250

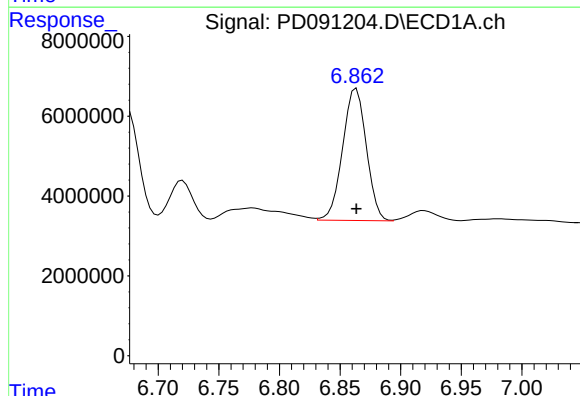
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/17/2025  
Supervised By :Sohil Jodhani 11/17/2025



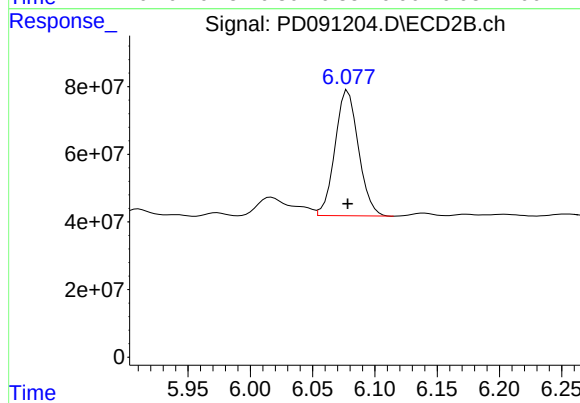
#26 Chlordane-4

R.T.: 5.179 min  
Delta R.T.: 0.000 min  
Response: 1143756736  
Conc: 262.66 ng/ml



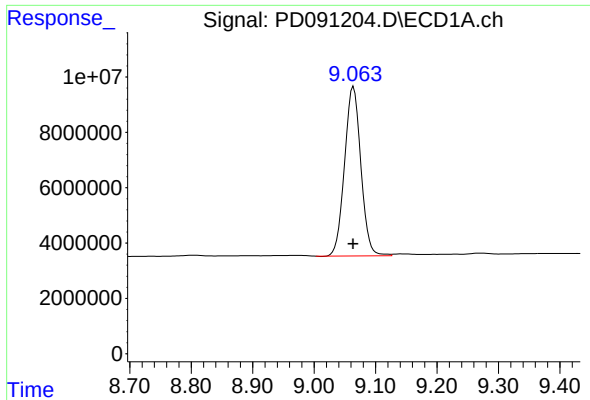
#27 Chlordane-5

R.T.: 6.863 min  
Delta R.T.: 0.000 min  
Response: 45028512  
Conc: 253.59 ng/ml



#27 Chlordane-5

R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 486296775  
Conc: 259.11 ng/ml



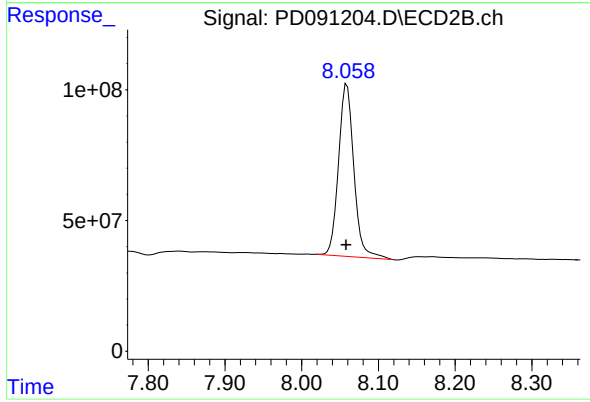
#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: 0.000 min  
Response: 112837105  
Conc: 26.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC250

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/17/2025  
Supervised By :Sohil Jodhani 11/17/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min  
Delta R.T.: 0.001 min  
Response: 914867619  
Conc: 26.85 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
 Data File : PD091205.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Nov 2025 22:59  
 Operator : AR\AJ  
 Sample : PCHLORICC50  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORICC50

### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/17/2025  
 Supervised By :Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 15 04:30:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 15 04:28:24 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... | 3.542 | 2.872 | 18853138 | 252.7E6 | 6.551m  | 6.640m |
| 28)                         | SA Decachlor... | 9.064 | 8.058 | 30738713 | 235.4E6 | 7.344   | 6.909  |
| Target Compounds            |                 |       |       |          |         |         |        |
| 23)                         | Chlordane-1     | 4.705 | 3.896 | 14580778 | 108.4E6 | 64.358m | 68.704 |
| 24)                         | Chlordane-2     | 5.233 | 4.477 | 16352000 | 112.6E6 | 74.045  | 70.507 |
| 25)                         | Chlordane-3     | 5.939 | 5.115 | 54511895 | 366.9E6 | 60.744  | 69.858 |
| 26)                         | Chlordane-4     | 6.024 | 5.179 | 75099988 | 306.8E6 | 69.653  | 70.456 |
| 27)                         | Chlordane-5     | 6.863 | 6.078 | 12369750 | 124.1E6 | 69.664  | 66.142 |
| -----                       |                 |       |       |          |         |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
Data File : PD091205.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2025 22:59  
Operator : AR\AJ  
Sample : PCHLORICC50  
Misc :  
ALS Vial : 63 Sample Multiplier: 1

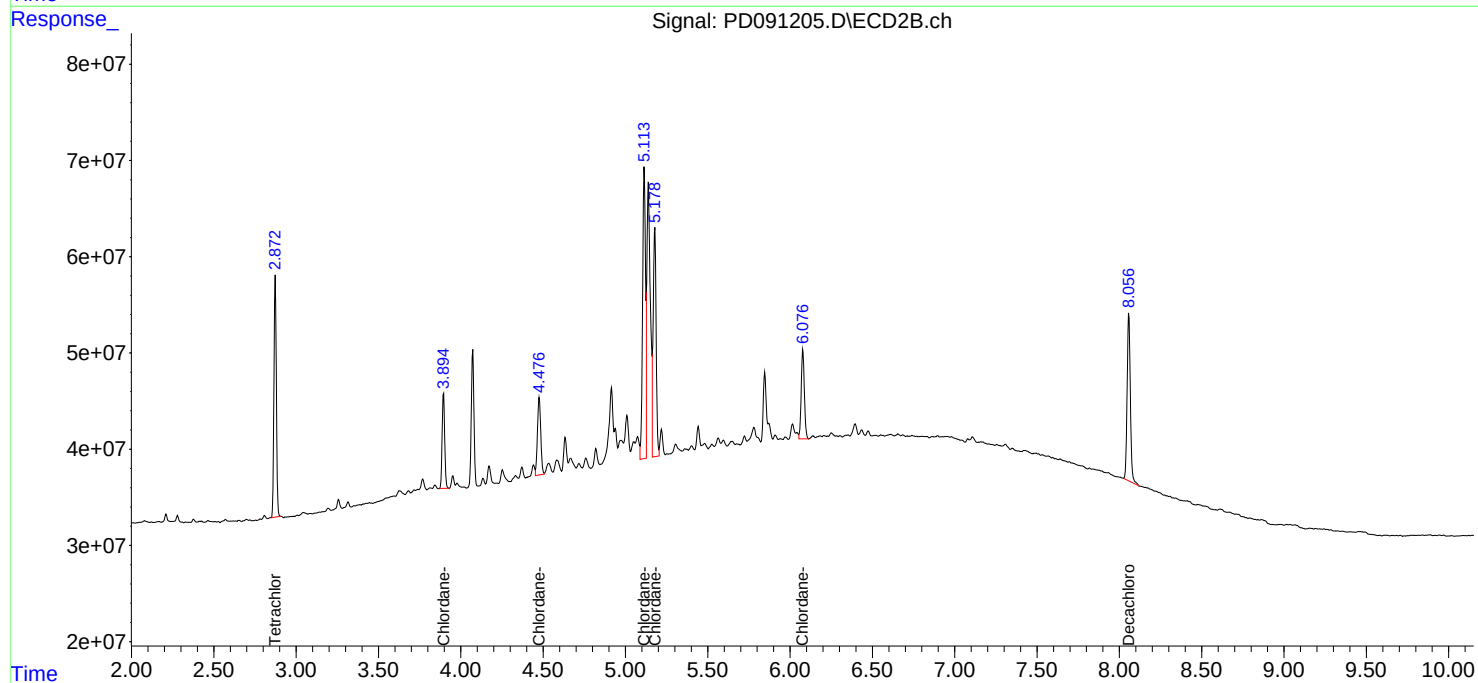
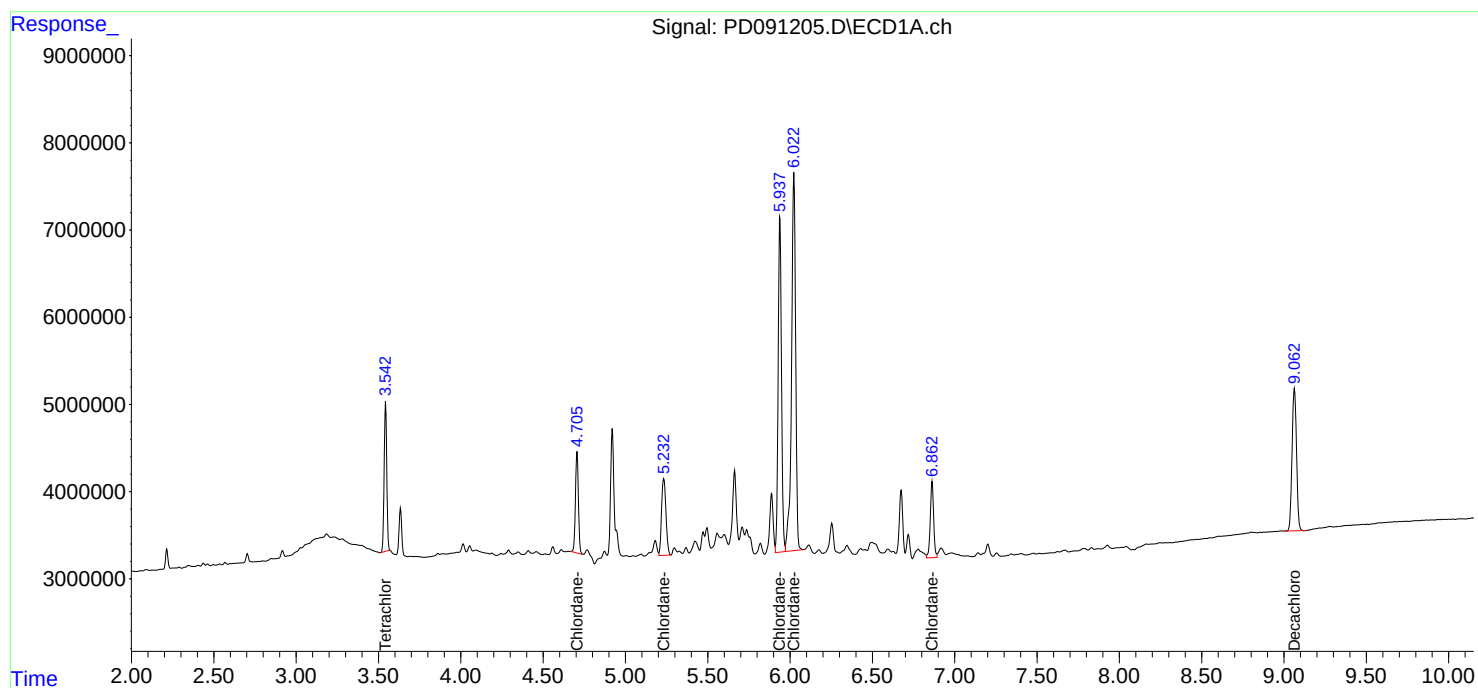
Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC50

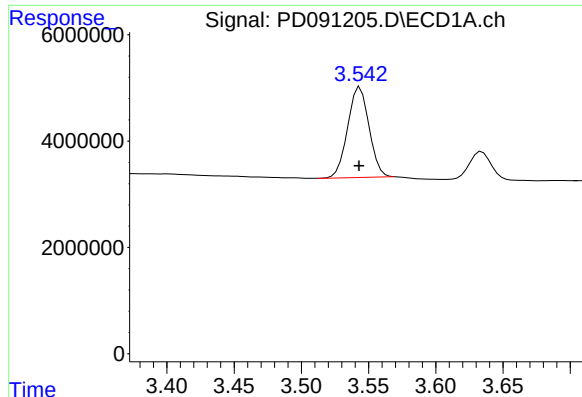
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/17/2025  
Supervised By :Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 04:30:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:28:24 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





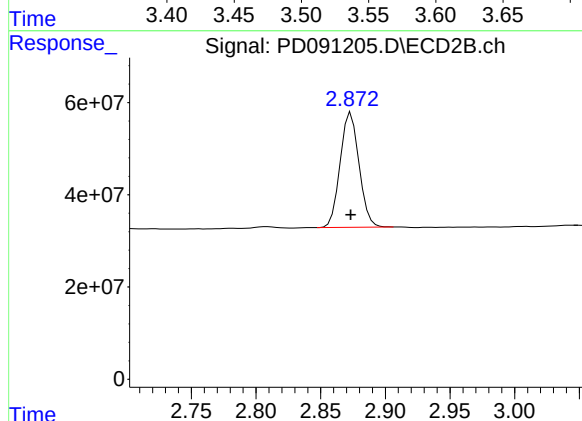
## #1 Tetrachloro-m-xylene

R.T.: 3.542 min  
Delta R.T.: 0.000 min  
Response: 18853138  
Conc: 6.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC50

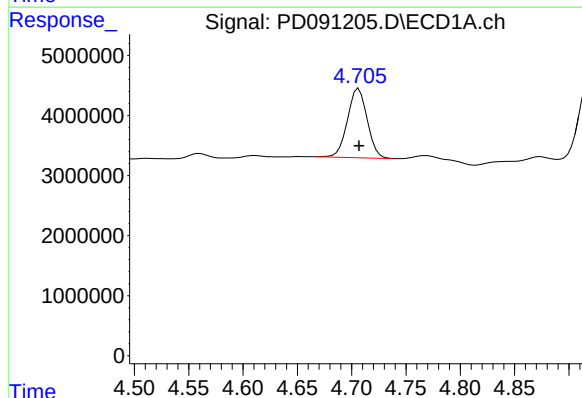
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/17/2025  
Supervised By :Sohil Jodhani 11/17/2025



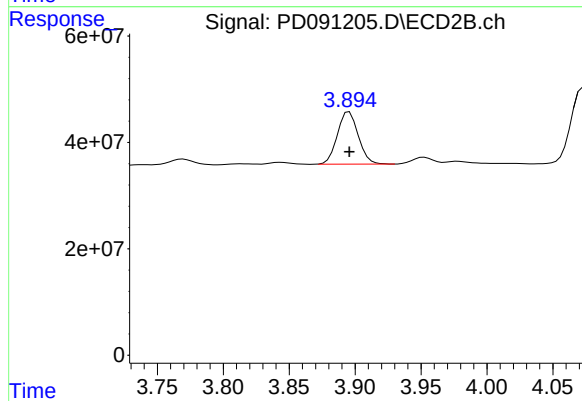
## #1 Tetrachloro-m-xylene

R.T.: 2.872 min  
Delta R.T.: -0.001 min  
Response: 252666012  
Conc: 6.64 ng/ml m



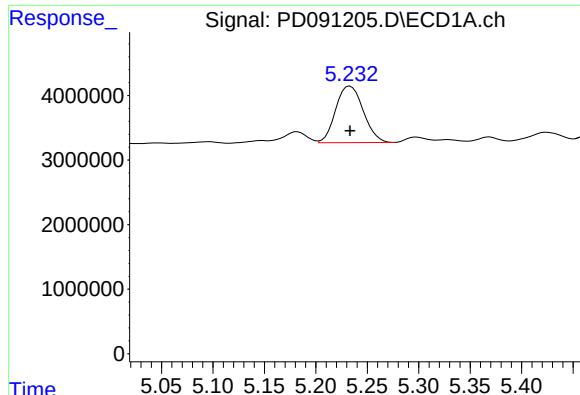
## #23 Chlordane-1

R.T.: 4.705 min  
Delta R.T.: -0.002 min  
Response: 14580778  
Conc: 64.36 ng/ml m



## #23 Chlordane-1

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 108355210  
Conc: 68.70 ng/ml



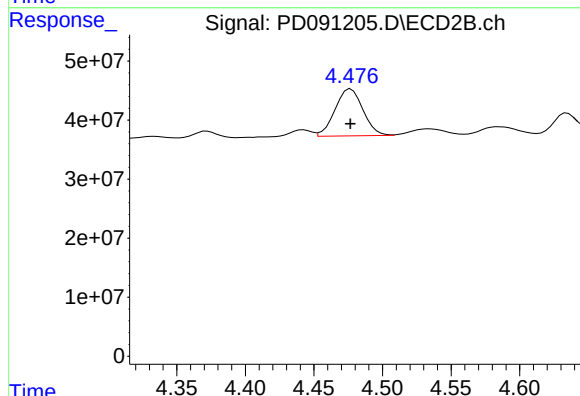
## #24 Chlordane-2

R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 16352000  
Conc: 74.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC50

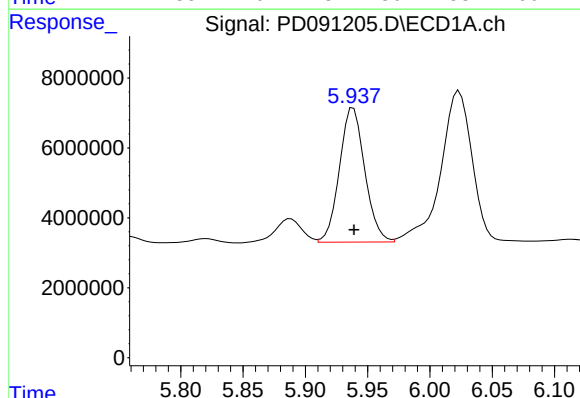
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/17/2025  
Supervised By :Sohil Jodhani 11/17/2025



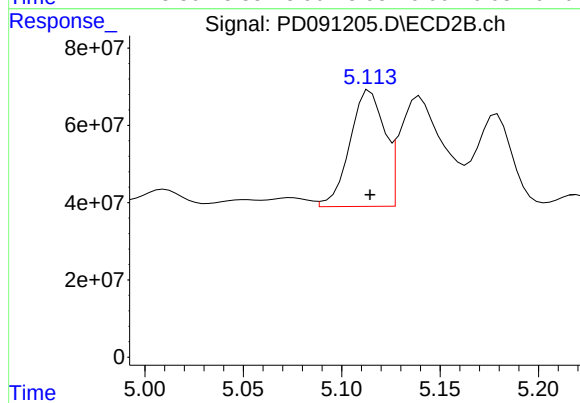
## #24 Chlordane-2

R.T.: 4.477 min  
Delta R.T.: 0.000 min  
Response: 112588493  
Conc: 70.51 ng/ml



## #25 Chlordane-3

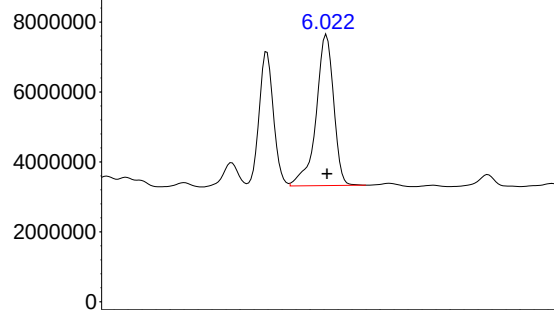
R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 54511895  
Conc: 60.74 ng/ml



## #25 Chlordane-3

R.T.: 5.115 min  
Delta R.T.: 0.000 min  
Response: 366856200  
Conc: 69.86 ng/ml

Response\_ Signal: PD091205.D\ECD1A.ch



#26 Chlordane-4

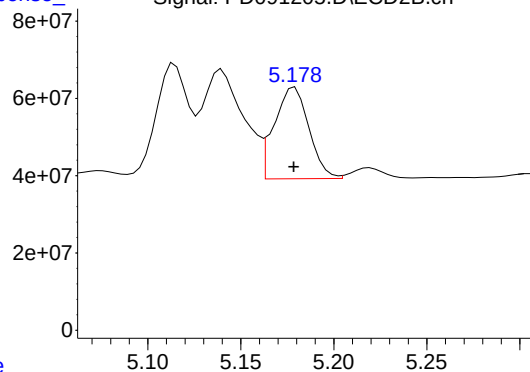
R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 75099988  
Conc: 69.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC50

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/17/2025  
Supervised By :Sohil Jodhani 11/17/2025

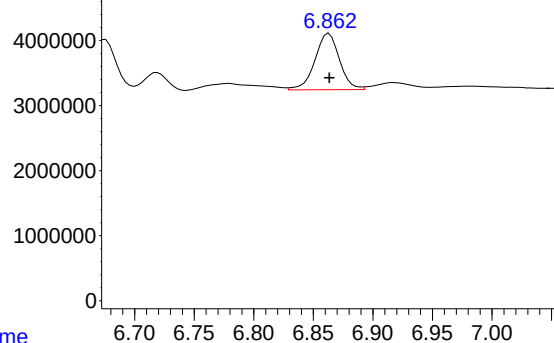
Time Response\_ Signal: PD091205.D\ECD2B.ch



#26 Chlordane-4

R.T.: 5.179 min  
Delta R.T.: 0.000 min  
Response: 306802174  
Conc: 70.46 ng/ml

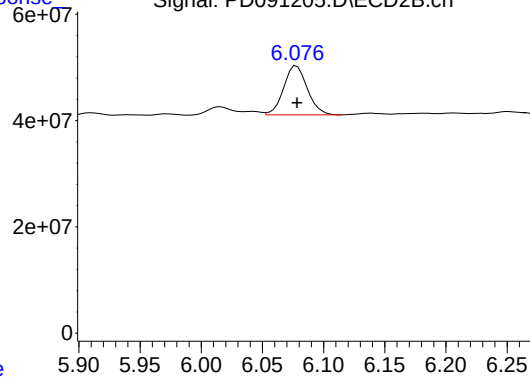
Time Response\_ Signal: PD091205.D\ECD1A.ch



#27 Chlordane-5

R.T.: 6.863 min  
Delta R.T.: 0.000 min  
Response: 12369750  
Conc: 69.66 ng/ml

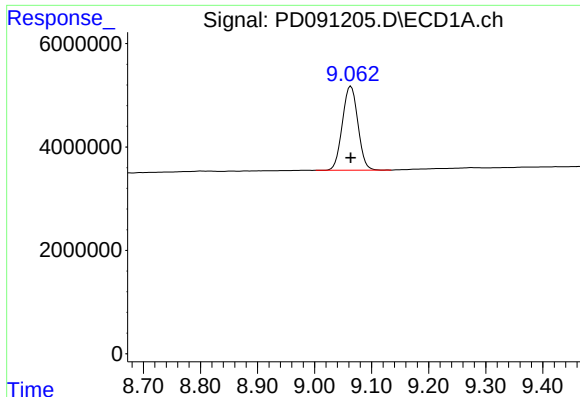
Time Response\_ Signal: PD091205.D\ECD2B.ch



#27 Chlordane-5

R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 124134603  
Conc: 66.14 ng/ml





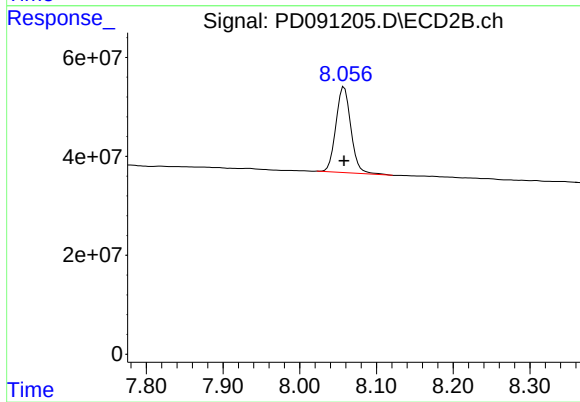
#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: 0.000 min  
Response: 30738713  
Conc: 7.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC50

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/17/2025  
Supervised By :Sohil Jodhani 11/17/2025



#28 Decachlorobiphenyl

R.T.: 8.058 min  
Delta R.T.: 0.000 min  
Response: 235388183  
Conc: 6.91 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
Data File : PD091212.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Nov 2025 00:49  
Operator : AR\AJ  
Sample : PCHLORICV050  
Misc :  
ALS Vial : 71 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD111525CHLOR

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 04:41:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:40:47 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.544 | 2.874 | 144.0E6  | 1897.0E6 | 45.917  | 45.899  |
| 28)                         | SA Decachlor... | 9.063 | 8.059 | 208.1E6  | 1722.5E6 | 44.473  | 45.857  |
|                             |                 |       |       |          |          |         |         |
| Target Compounds            |                 |       |       |          |          |         |         |
| 23)                         | Chlordane-1     | 4.707 | 3.896 | 114.2E6  | 783.3E6  | 464.144 | 455.309 |
| 24)                         | Chlordane-2     | 5.234 | 4.477 | 110.1E6  | 794.6E6  | 445.736 | 453.786 |
| 25)                         | Chlordane-3     | 5.939 | 5.115 | 447.1E6  | 2621.5E6 | 463.407 | 455.626 |
| 26)                         | Chlordane-4     | 6.024 | 5.179 | 540.3E6  | 2175.2E6 | 449.814 | 454.716 |
| 27)                         | Chlordane-5     | 6.863 | 6.079 | 88911954 | 936.5E6  | 450.023 | 461.495 |
| -----                       |                 |       |       |          |          |         |         |

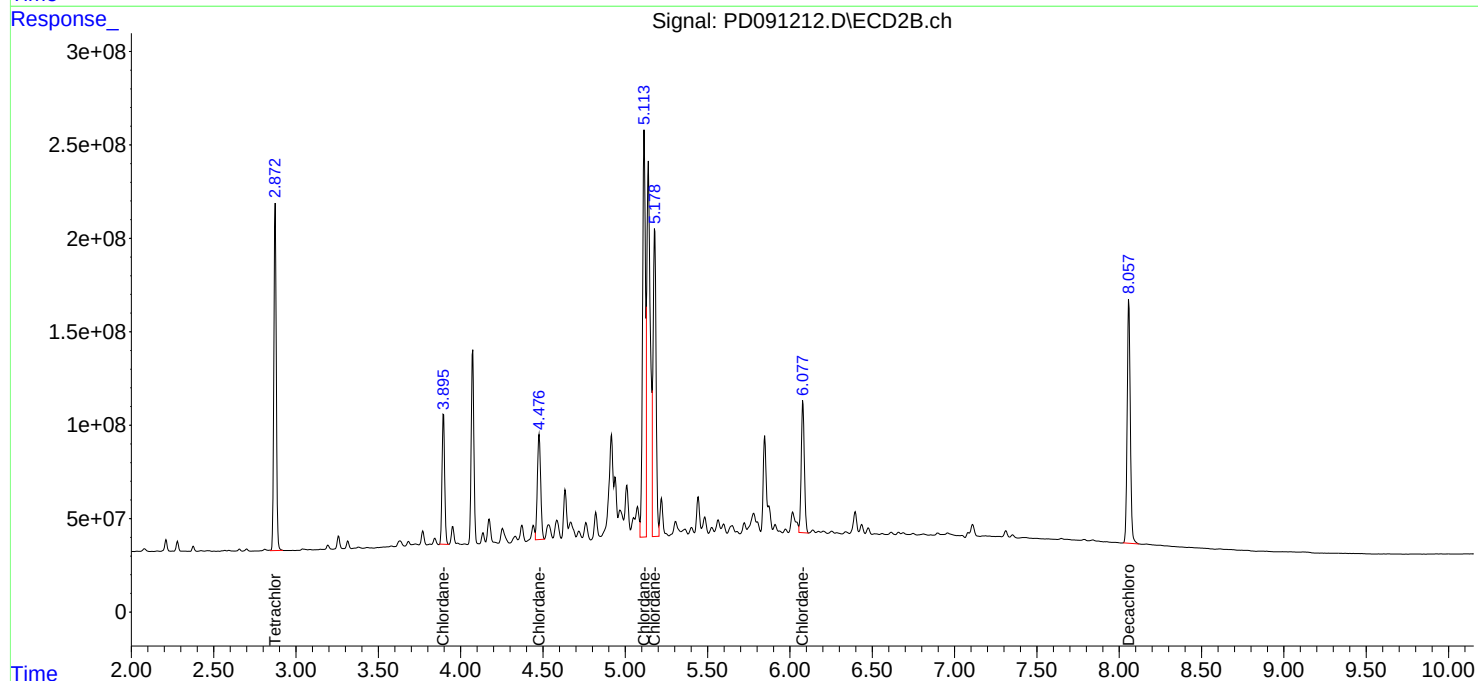
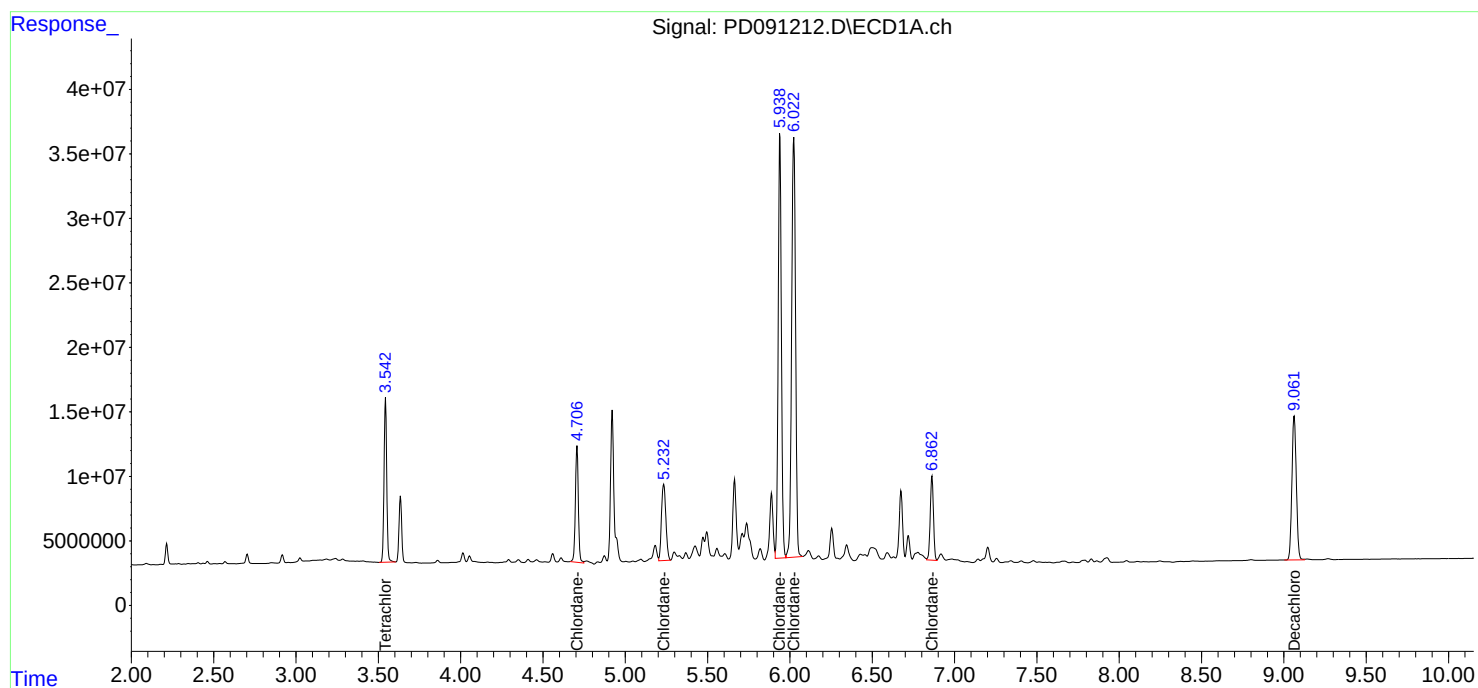
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

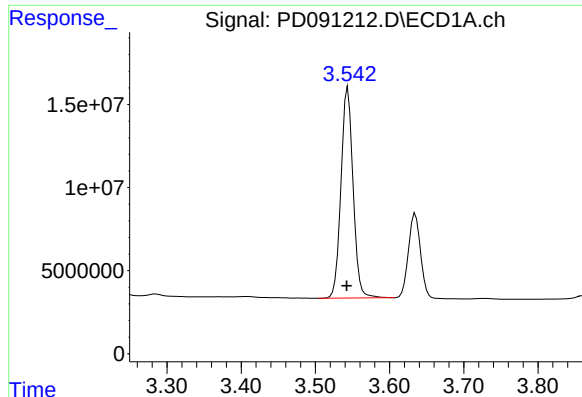
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
Data File : PD091212.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Nov 2025 00:49  
Operator : AR\AJ  
Sample : PCHLORICV050  
Misc :  
ALS Vial : 71 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD111525CHLOR

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 04:41:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:40:47 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

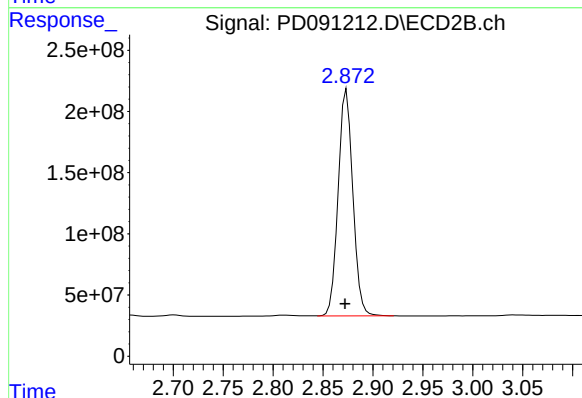




## #1 Tetrachloro-m-xylene

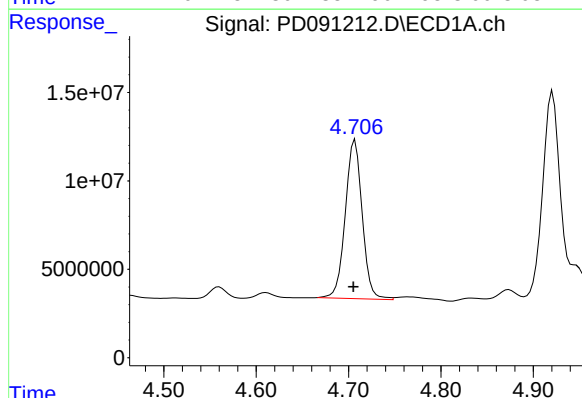
R.T.: 3.544 min  
Delta R.T.: 0.002 min  
Response: 144027048  
Conc: 45.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD111525CHLOR



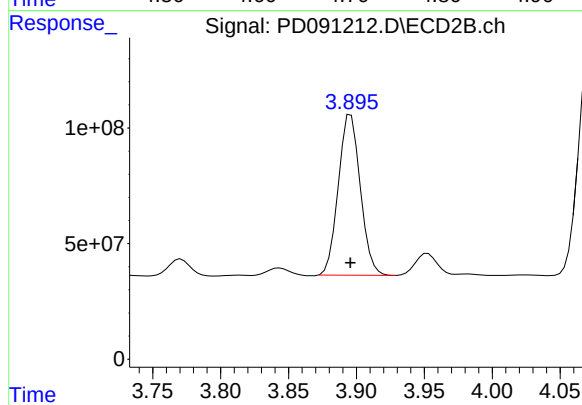
## #1 Tetrachloro-m-xylene

R.T.: 2.874 min  
Delta R.T.: 0.002 min  
Response: 1897044359  
Conc: 45.90 ng/ml



## #23 Chlordane-1

R.T.: 4.707 min  
Delta R.T.: 0.002 min  
Response: 114205886  
Conc: 464.14 ng/ml



## #23 Chlordane-1

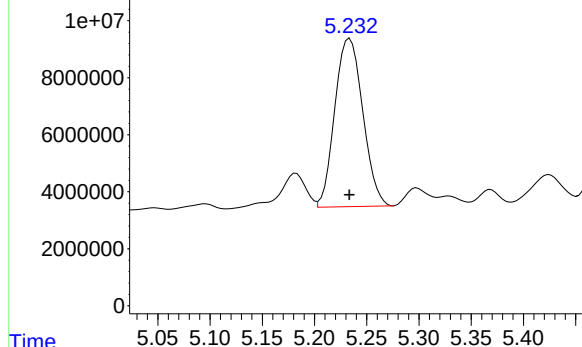
R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 783265670  
Conc: 455.31 ng/ml

Response\_ Signal: PD091212.D\ECD1A.ch

#24 Chlordane-2

R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 110065519  
Conc: 445.74 ng/ml

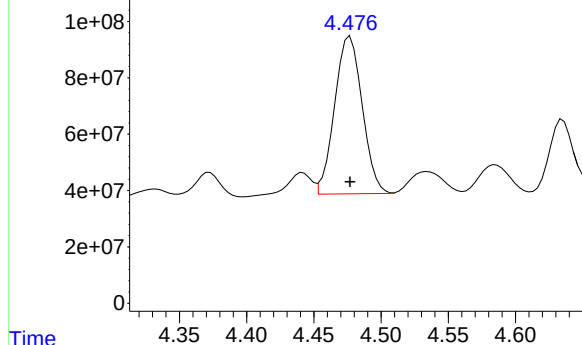
Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD111525CHLOR



Time Response\_ Signal: PD091212.D\ECD2B.ch

#24 Chlordane-2

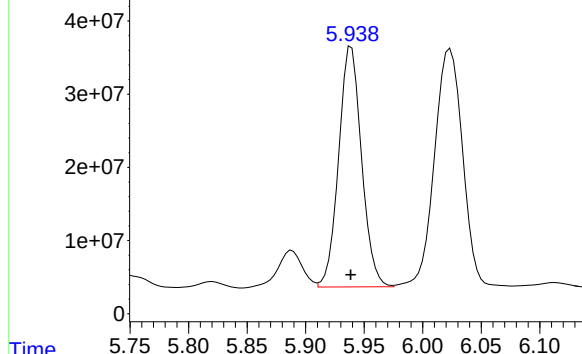
R.T.: 4.477 min  
Delta R.T.: 0.000 min  
Response: 794593898  
Conc: 453.79 ng/ml



Time Response\_ Signal: PD091212.D\ECD1A.ch

#25 Chlordane-3

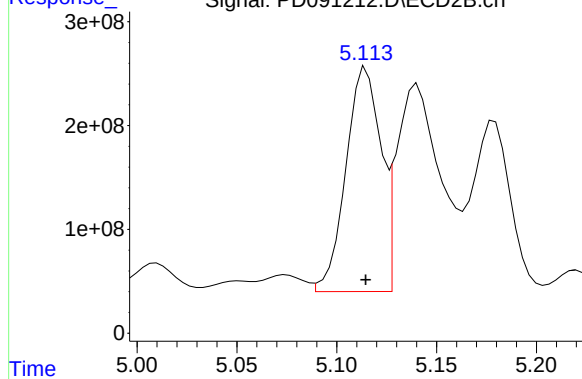
R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 447116334  
Conc: 463.41 ng/ml

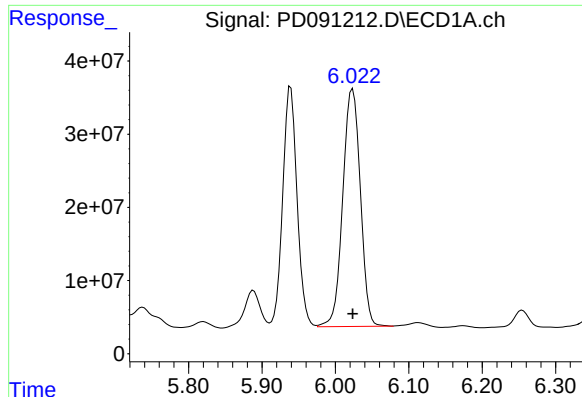


Time Response\_ Signal: PD091212.D\ECD2B.ch

#25 Chlordane-3

R.T.: 5.115 min  
Delta R.T.: 0.000 min  
Response: 2621481238  
Conc: 455.63 ng/ml

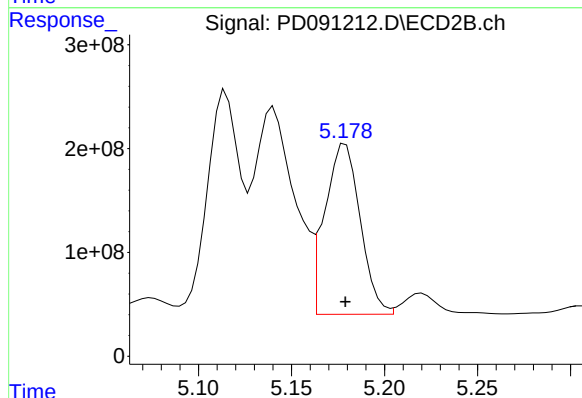




#26 Chlordane-4

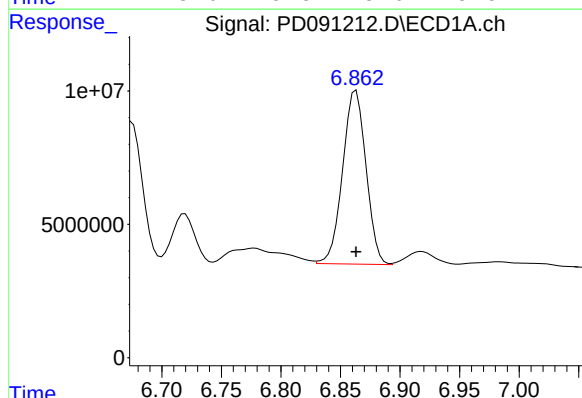
R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 540318465  
Conc: 449.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD111525CHLOR



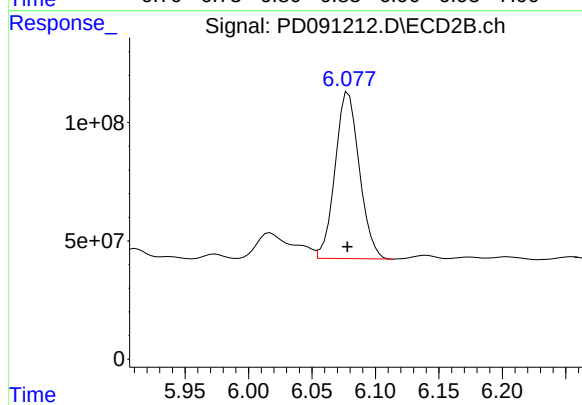
#26 Chlordane-4

R.T.: 5.179 min  
Delta R.T.: 0.000 min  
Response: 2175161491  
Conc: 454.72 ng/ml



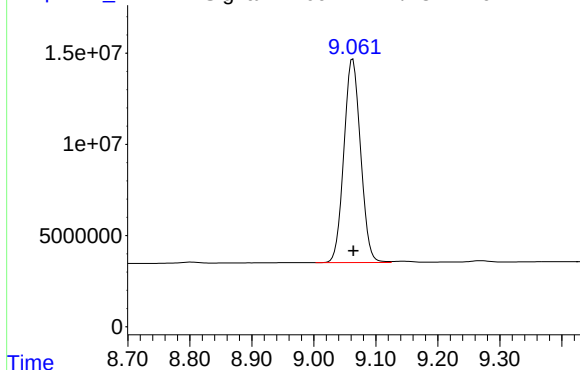
#27 Chlordane-5

R.T.: 6.863 min  
Delta R.T.: 0.000 min  
Response: 88911954  
Conc: 450.02 ng/ml



#27 Chlordane-5

R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 936467238  
Conc: 461.50 ng/ml



R.T.: 9.063 min  
Delta R.T.: 0.000 min  
Response: 208069476  
Conc: 44.47 ng/ml

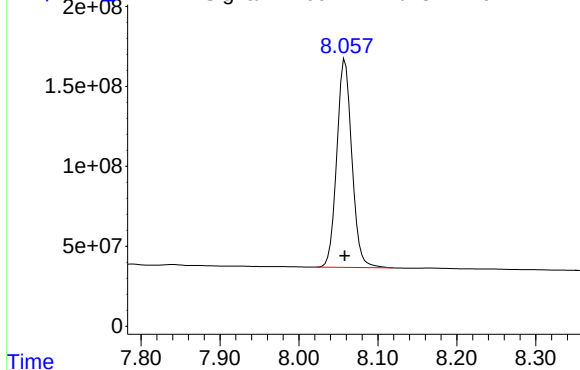
Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD111525CHLOR

Time

Response

Signal: PD091212.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.059 min  
Delta R.T.: 0.000 min  
Response: 1722541005  
Conc: 45.86 ng/ml

Time



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.: Q3483

Continuing Calib Date: 11/20/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 09:49

Initial Calibration Time(s): 22:04

22:59

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       | 5.23      | 5.13                   | 5.33 | -0.01      |
| Chlordane-3 (3)      | 5.94       | 5.94      | 5.84                   | 6.04 | 0.00       |
| Chlordane-4 (4)      | 6.03       | 6.02      | 5.92                   | 6.12 | -0.01      |
| Chlordane-5 (5)      | 6.87       | 6.86      | 6.76                   | 6.96 | -0.01      |
| Decachlorobiphenyl   | 9.07       | 9.06      | 8.96                   | 9.16 | -0.01      |
| Tetrachloro-m-xylene | 3.55       | 3.54      | 3.44                   | 3.64 | -0.01      |





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.: Q3483

Continuing Calib Date: 11/20/2025

Initial Calibration Date(s): 11/14/2025 11/14/2025

Continuing Calib Time: 09:49

Initial Calibration Time(s): 22:04 22:59

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)      | 3.89       | 3.90      | 3.80      | 4.00 | 0.01       |
| Chlordane-2 (2)      | 4.47       | 4.48      | 4.38      | 4.58 | 0.01       |
| Chlordane-3 (3)      | 5.11       | 5.11      | 5.01      | 5.21 | 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 | 2.87       | 2.87      | 2.77      | 2.97 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ALLI03  
**Lab Code:** ACE **SDG NO.:** Q3483  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 11/20/2025  
**Lab Sample No.:** PCHLORCCC500 **Data File :** PD091301.D **Time Analyzed:** 09:49

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Chlordane-1          | 4.712 | 4.607     | 4.807 | 459.630            | 500.000           | -8.1  |
| Chlordane-2          | 5.239 | 5.133     | 5.333 | 443.710            | 500.000           | -11.3 |
| Chlordane-3          | 5.944 | 5.839     | 6.039 | 461.190            | 500.000           | -7.8  |
| Chlordane-4          | 6.029 | 5.924     | 6.124 | 443.480            | 500.000           | -11.3 |
| Chlordane-5          | 6.868 | 6.764     | 6.964 | 440.680            | 500.000           | -11.9 |
| Decachlorobiphenyl   | 9.069 | 8.963     | 9.163 | 40.440             | 50.000            | -19.1 |
| Tetrachloro-m-xylene | 3.549 | 3.443     | 3.643 | 41.330             | 50.000            | -17.3 |



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.:** Q3483  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 11/20/2025  
**Lab Sample No.:** PCHLORCCC500 **Data File :** PD091301.D **Time Analyzed:** 09:49

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Chlordane-1          | 3.894 | 3.796                | 3.996 | 475.640            | 500.000           | -4.9 |
| Chlordane-2          | 4.474 | 4.376                | 4.576 | 475.980            | 500.000           | -4.8 |
| Chlordane-3          | 5.113 | 5.014                | 5.214 | 479.060            | 500.000           | -4.2 |
| Chlordane-4          | 5.177 | 5.078                | 5.278 | 480.000            | 500.000           | -4.0 |
| Chlordane-5          | 6.077 | 5.978                | 6.178 | 489.520            | 500.000           | -2.1 |
| Decachlorobiphenyl   | 8.056 | 7.958                | 8.158 | 45.360             | 50.000            | -9.3 |
| Tetrachloro-m-xylene | 2.870 | 2.773                | 2.973 | 53.570             | 50.000            | 7.1  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112025\  
 Data File : PD091301.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2025 09:49  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORCCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 22:44:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 15 04:46:13 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 | 2.870 | 142.5E6  | 1962.3E6 | 41.332  | 53.572 # |
| 28)                         | SA Decachlor... | 9.069 | 8.056 | 201.5E6  | 1795.1E6 | 40.443  | 45.360   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 23)                         | Chlordane-1     | 4.712 | 3.894 | 113.1E6  | 818.2E6  | 459.631 | 475.641  |
| 24)                         | Chlordane-2     | 5.239 | 4.474 | 109.6E6  | 833.5E6  | 443.706 | 475.979  |
| 25)                         | Chlordane-3     | 5.944 | 5.113 | 445.0E6  | 2756.3E6 | 461.191 | 479.056  |
| 26)                         | Chlordane-4     | 6.029 | 5.177 | 532.7E6  | 2296.1E6 | 443.482 | 480.003  |
| 27)                         | Chlordane-5     | 6.868 | 6.077 | 87065710 | 993.3E6  | 440.679 | 489.523  |
| -----                       |                 |       |       |          |          |         |          |

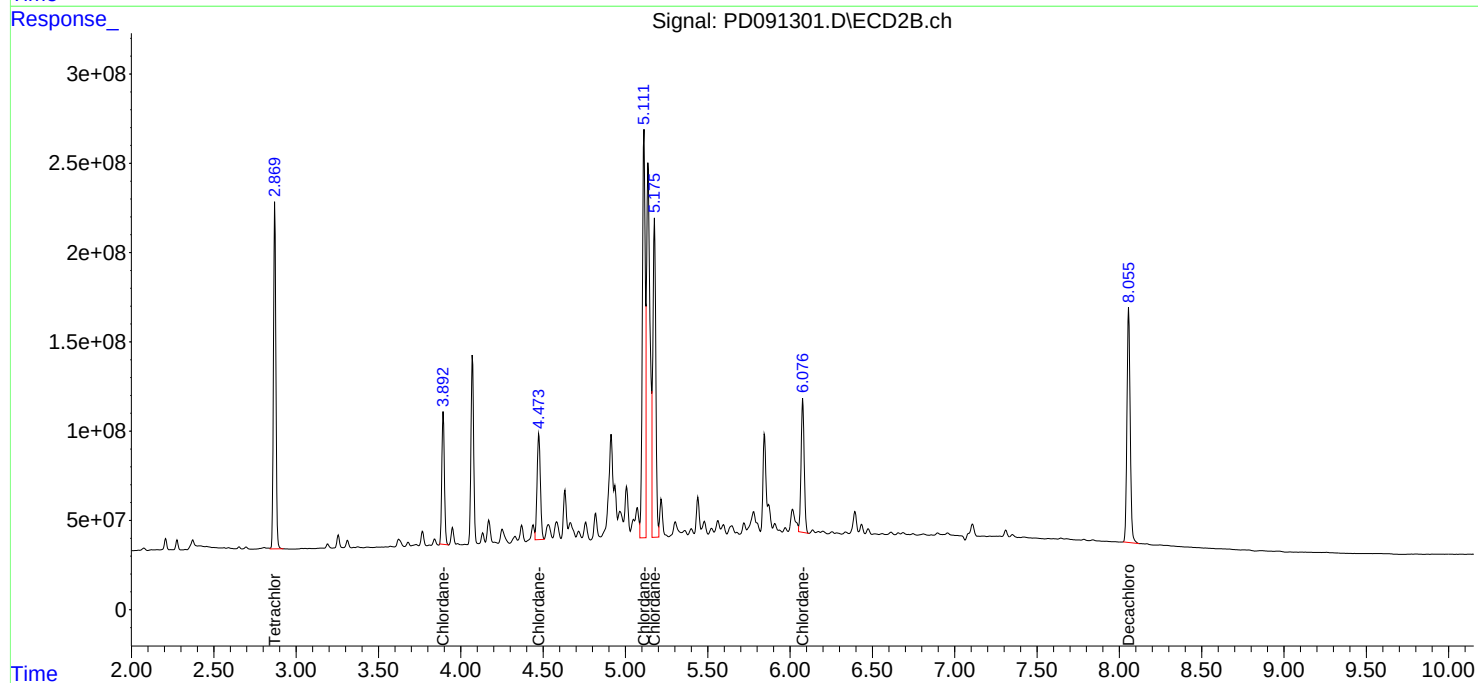
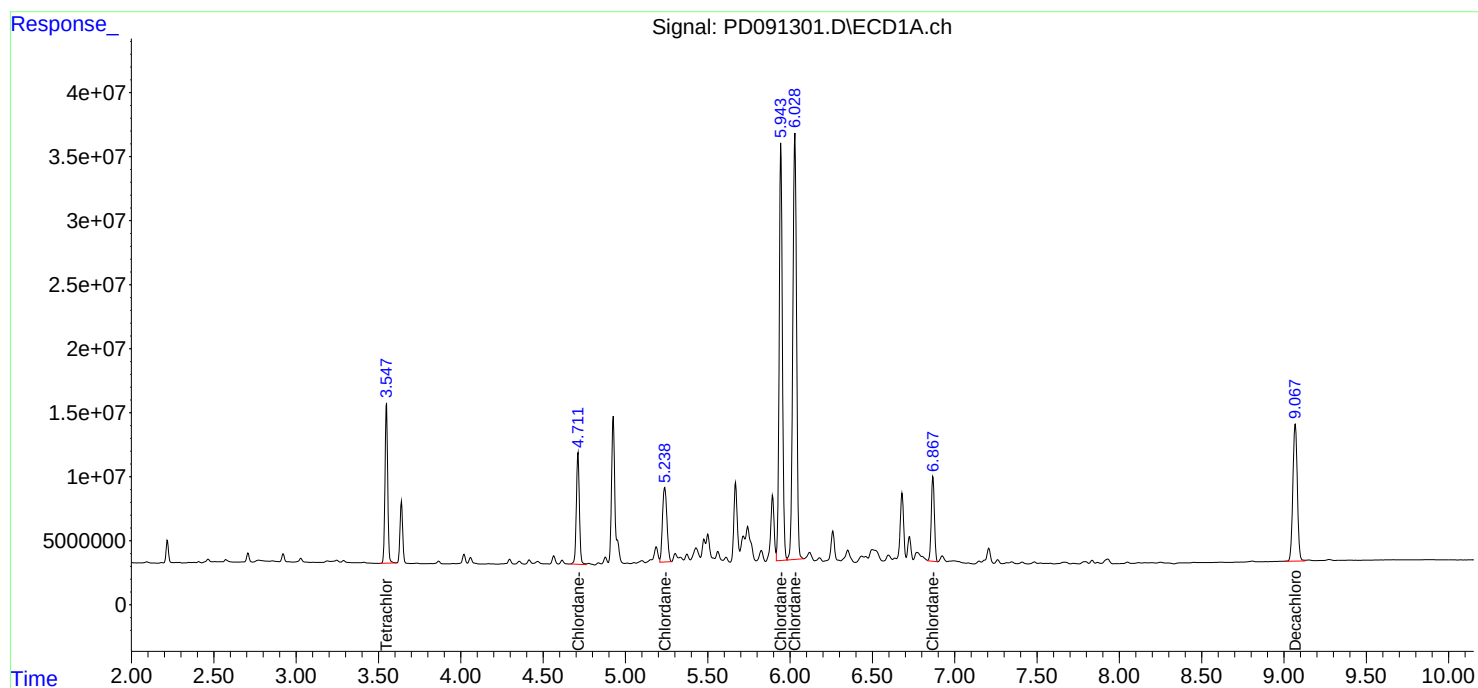
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112025\  
Data File : PD091301.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2025 09:49  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 22:44:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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: PD091301.D\ECD1A.ch

#1 Tetrachloro-m-xylene

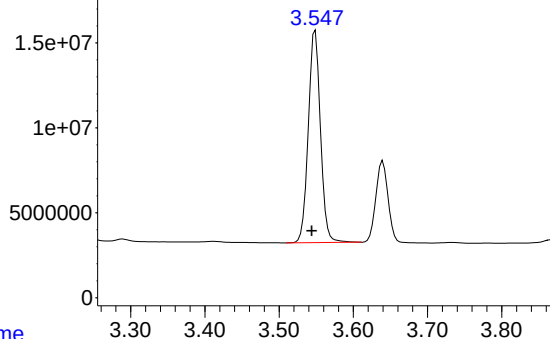
R.T.: 3.549 min  
Delta R.T.: 0.005 min  
Response: 142538689  
Conc: 41.33 ng/ml

Instrument :

ECD\_D

ClientSampleId :

PCHLORCCC500



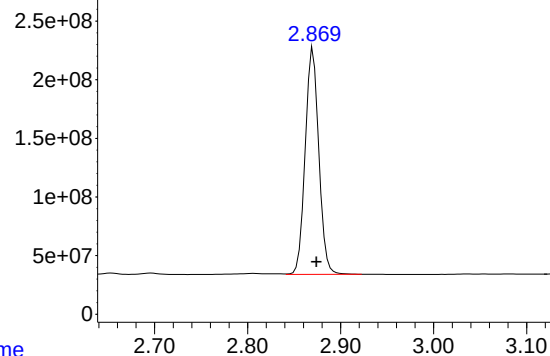
Time

Response\_

Signal: PD091301.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.870 min  
Delta R.T.: -0.004 min  
Response: 1962342727  
Conc: 53.57 ng/ml



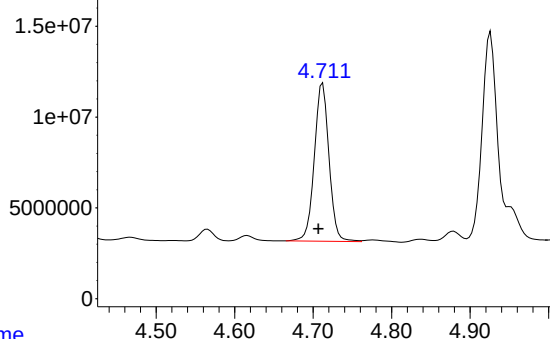
Time

Response\_

Signal: PD091301.D\ECD1A.ch

#23 Chlordane-1

R.T.: 4.712 min  
Delta R.T.: 0.005 min  
Response: 113095525  
Conc: 459.63 ng/ml



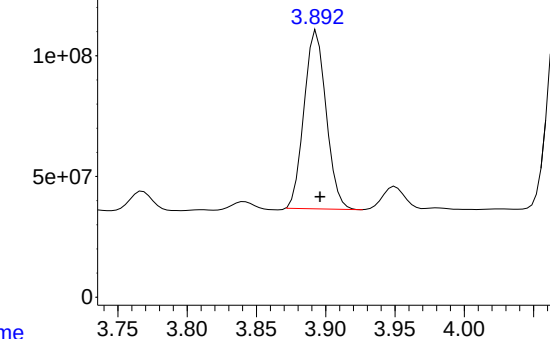
Time

Response\_

Signal: PD091301.D\ECD2B.ch

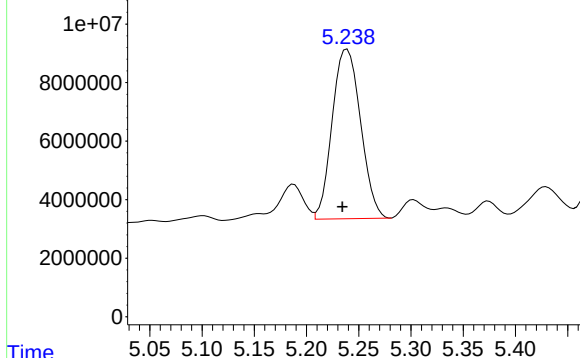
#23 Chlordane-1

R.T.: 3.894 min  
Delta R.T.: -0.002 min  
Response: 818241936  
Conc: 475.64 ng/ml



Time

Response\_ Signal: PD091301.D\ECD1A.ch

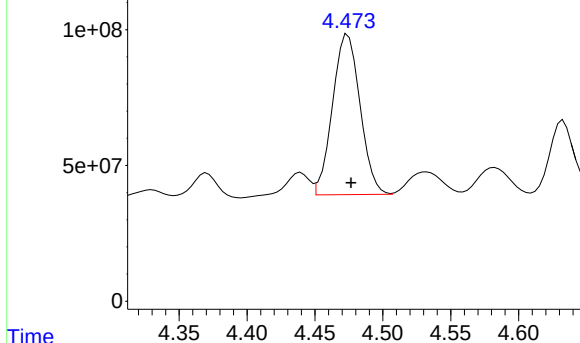


#24 Chlordane-2

R.T.: 5.239 min  
Delta R.T.: 0.005 min  
Response: 109564360  
Conc: 443.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

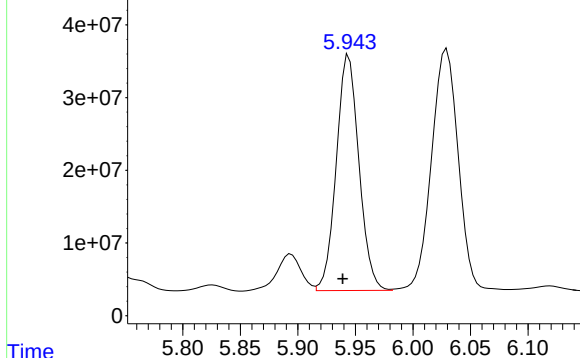
Time Response\_ Signal: PD091301.D\ECD2B.ch



#24 Chlordane-2

R.T.: 4.474 min  
Delta R.T.: -0.002 min  
Response: 833454951  
Conc: 475.98 ng/ml

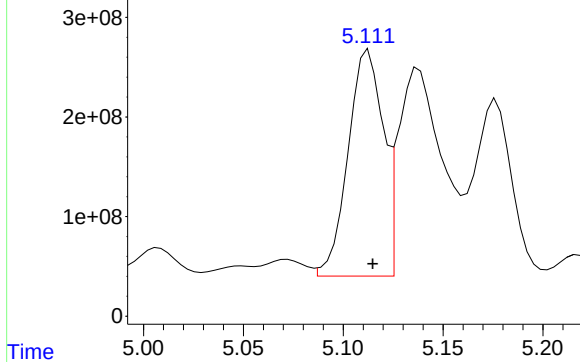
Time Response\_ Signal: PD091301.D\ECD1A.ch



#25 Chlordane-3

R.T.: 5.944 min  
Delta R.T.: 0.005 min  
Response: 444978286  
Conc: 461.19 ng/ml

Time Response\_ Signal: PD091301.D\ECD2B.ch

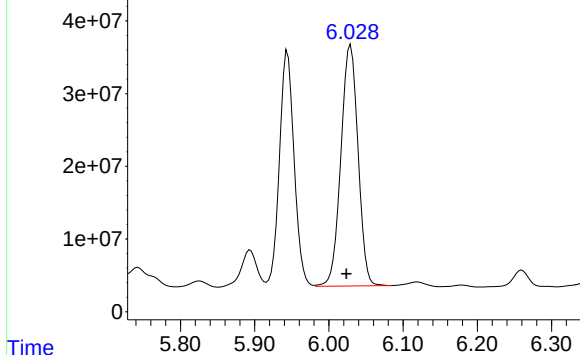


#25 Chlordane-3

R.T.: 5.113 min  
Delta R.T.: -0.002 min  
Response: 2756286727  
Conc: 479.06 ng/ml

Response\_ Signal: PD091301.D\ECD1A.ch

#26 Chlordane-4

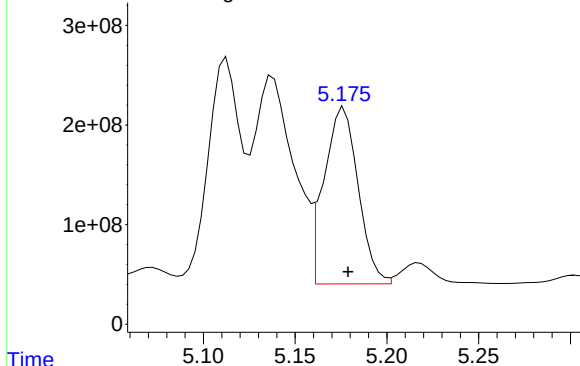


R.T.: 6.029 min  
Delta R.T.: 0.006 min  
Response: 532712614  
Conc: 443.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

Time Response\_ Signal: PD091301.D\ECD2B.ch

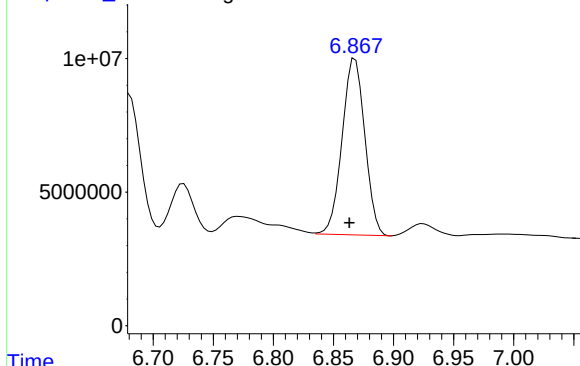
#26 Chlordane-4



R.T.: 5.177 min  
Delta R.T.: -0.002 min  
Response: 2296125148  
Conc: 480.00 ng/ml

Time Response\_ Signal: PD091301.D\ECD1A.ch

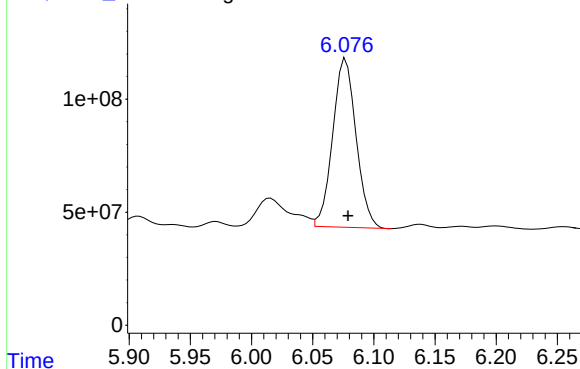
#27 Chlordane-5



R.T.: 6.868 min  
Delta R.T.: 0.005 min  
Response: 87065710  
Conc: 440.68 ng/ml

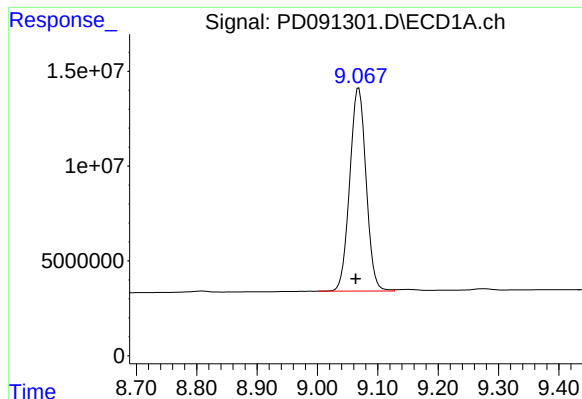
Time Response\_ Signal: PD091301.D\ECD2B.ch

#27 Chlordane-5



R.T.: 6.077 min  
Delta R.T.: -0.002 min  
Response: 993342097  
Conc: 489.52 ng/ml

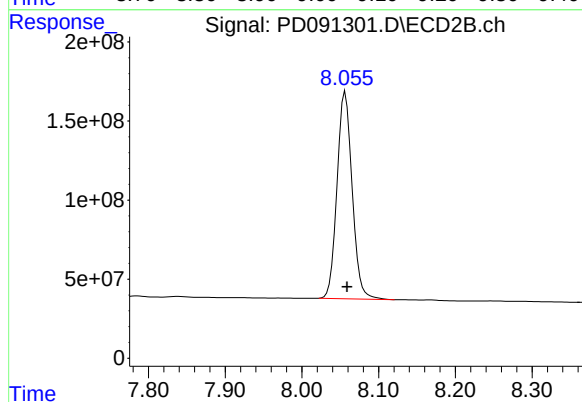




#28 Decachlorobiphenyl

R.T.: 9.069 min  
Delta R.T.: 0.005 min  
Response: 201480725  
Conc: 40.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



#28 Decachlorobiphenyl

R.T.: 8.056 min  
Delta R.T.: -0.002 min  
Response: 1795132822  
Conc: 45.36 ng/ml



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Continuing Calib Date: 11/20/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 13:25

Initial Calibration Time(s): 22:04

22:59

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)      | 4.70       | 4.71      | 4.61                   | 4.81 | 0.01       |
| Chlordane-2 (2)      | 5.23       | 5.23      | 5.13                   | 5.33 | 0.00       |
| Chlordane-3 (3)      | 5.94       | 5.94      | 5.84                   | 6.04 | 0.00       |
| Chlordane-4 (4)      | 6.02       | 6.02      | 5.92                   | 6.12 | 0.00       |
| Chlordane-5 (5)      | 6.86       | 6.86      | 6.76                   | 6.96 | 0.00       |
| Decachlorobiphenyl   | 9.06       | 9.06      | 8.96                   | 9.16 | 0.00       |
| Tetrachloro-m-xylene | 3.54       | 3.54      | 3.44                   | 3.64 | 0.00       |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Continuing Calib Date: 11/20/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 13:25

Initial Calibration Time(s): 22:04

22:59

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)      | 3.89       | 3.90      | 3.80      | 4.00 | 0.01       |
| Chlordane-2 (2)      | 4.47       | 4.48      | 4.38      | 4.58 | 0.01       |
| Chlordane-3 (3)      | 5.11       | 5.11      | 5.01      | 5.21 | 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 | 0.01       |
| Decachlorobiphenyl   | 8.06       | 8.06      | 7.96      | 8.16 | 0.00       |
| Tetrachloro-m-xylene | 2.87       | 2.87      | 2.77      | 2.97 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ALLI03  
**Lab Code:** ACE **SDG NO.:** Q3483  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025  
**Client Sample No.:** CCAL02 **Date Analyzed:** 11/20/2025  
**Lab Sample No.:** PCHLORCCC500 **Data File :** PD091308.D **Time Analyzed:** 13:25

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| Chlordane-1          | 4.704 | 4.607                | 4.807 | 460.620            | 500.000           | -7.9  |
| Chlordane-2          | 5.231 | 5.133                | 5.333 | 447.270            | 500.000           | -10.5 |
| Chlordane-3          | 5.937 | 5.839                | 6.039 | 461.470            | 500.000           | -7.7  |
| Chlordane-4          | 6.021 | 5.924                | 6.124 | 447.800            | 500.000           | -10.4 |
| Chlordane-5          | 6.861 | 6.764                | 6.964 | 445.520            | 500.000           | -10.9 |
| Decachlorobiphenyl   | 9.059 | 8.963                | 9.163 | 41.010             | 50.000            | -18.0 |
| Tetrachloro-m-xylene | 3.542 | 3.443                | 3.643 | 41.750             | 50.000            | -16.5 |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ALLI03  
**Lab Code:** ACE **SDG NO.:** Q3483  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 11/20/2025  
**Lab Sample No.:** PCHLORCCC500 **Data File :** PD091308.D **Time Analyzed:** 13:25

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Chlordane-1          | 3.893 | 3.796     | 3.996 | 488.960            | 500.000           | -2.2 |
| Chlordane-2          | 4.474 | 4.376     | 4.576 | 489.030            | 500.000           | -2.2 |
| Chlordane-3          | 5.112 | 5.014     | 5.214 | 489.860            | 500.000           | -2.0 |
| Chlordane-4          | 5.176 | 5.078     | 5.278 | 489.360            | 500.000           | -2.1 |
| Chlordane-5          | 6.075 | 5.978     | 6.178 | 498.070            | 500.000           | -0.4 |
| Decachlorobiphenyl   | 8.055 | 7.958     | 8.158 | 46.190             | 50.000            | -7.6 |
| Tetrachloro-m-xylene | 2.871 | 2.773     | 2.973 | 54.130             | 50.000            | 8.3  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112025\  
Data File : PD091308.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2025 13:25  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 22:46:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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... | 3.542 | 2.871 | 144.0E6  | 1982.9E6 | 41.750  | 54.133 # |
| 28)                         | SA Decachlor... | 9.059 | 8.055 | 204.3E6  | 1827.9E6 | 41.013  | 46.188   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 23)                         | Chlordane-1     | 4.704 | 3.893 | 113.3E6  | 841.2E6  | 460.619 | 488.963  |
| 24)                         | Chlordane-2     | 5.231 | 4.474 | 110.4E6  | 856.3E6  | 447.272 | 489.028  |
| 25)                         | Chlordane-3     | 5.937 | 5.112 | 445.2E6  | 2818.5E6 | 461.467 | 489.861  |
| 26)                         | Chlordane-4     | 6.021 | 5.176 | 537.9E6  | 2340.9E6 | 447.800 | 489.363  |
| 27)                         | Chlordane-5     | 6.861 | 6.075 | 88023128 | 1010.7E6 | 445.525 | 498.067  |
| -----                       |                 |       |       |          |          |         |          |

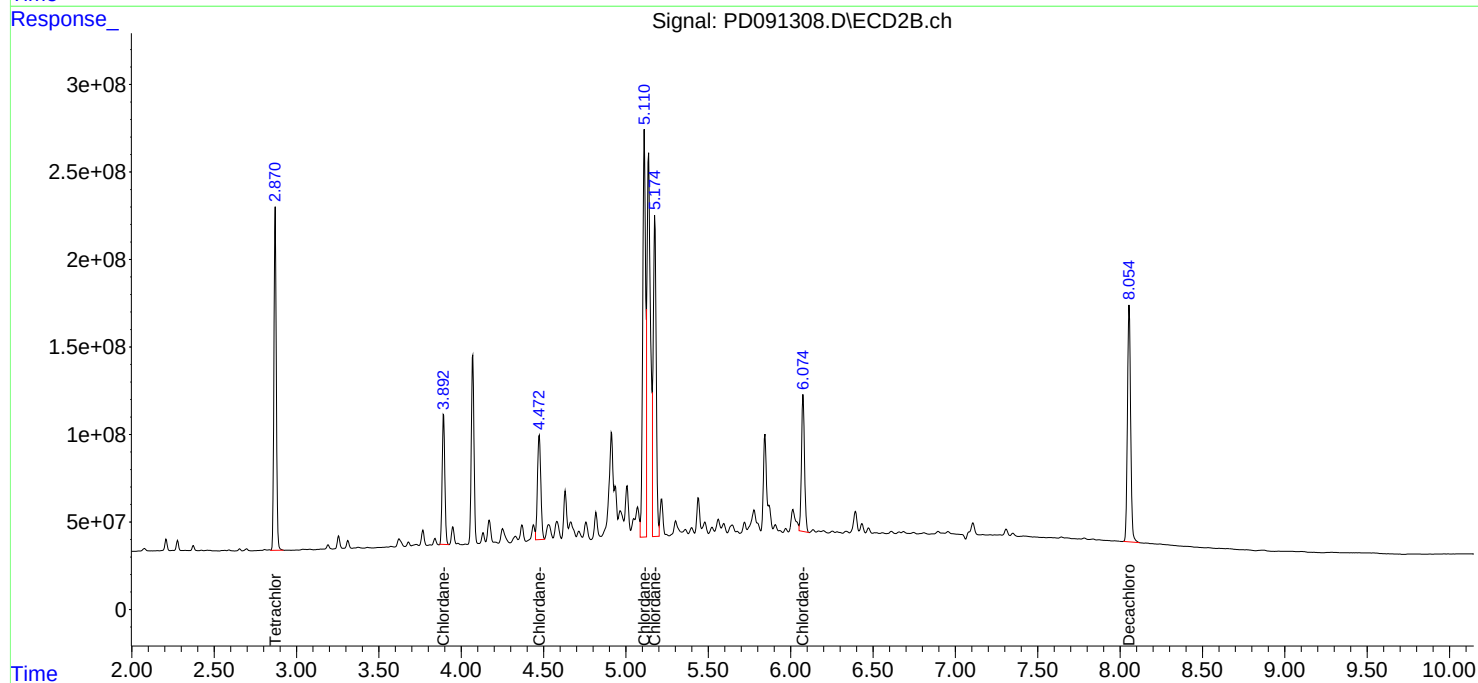
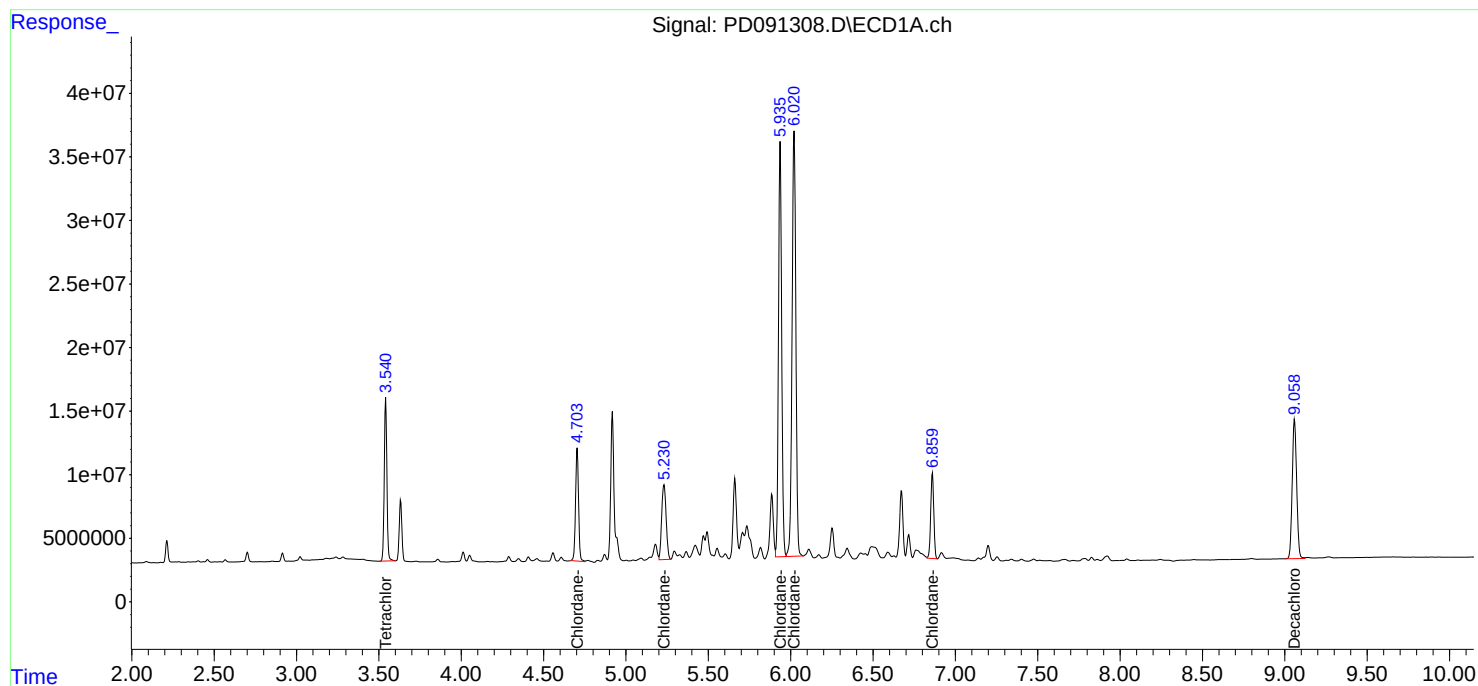
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112025\  
Data File : PD091308.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2025 13:25  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

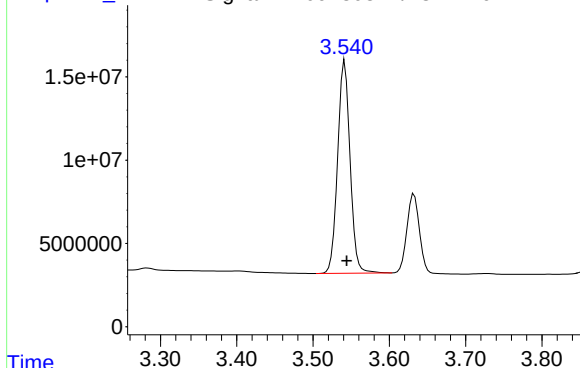
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 22:46:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 2025  
Response via : Initial Calibration  
Integrator: 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



Signal: PD091308.D\ECD1A.ch

#1 Tetrachloro-m-xylene

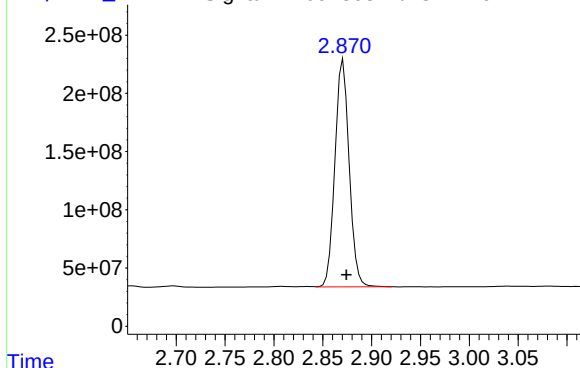


R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 143979978  
Conc: 41.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

Signal: PD091308.D\ECD2B.ch

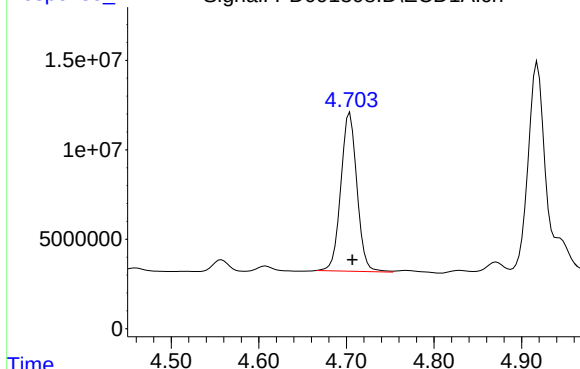
#1 Tetrachloro-m-xylene



R.T.: 2.871 min  
Delta R.T.: -0.003 min  
Response: 1982920264  
Conc: 54.13 ng/ml

Signal: PD091308.D\ECD1A.ch

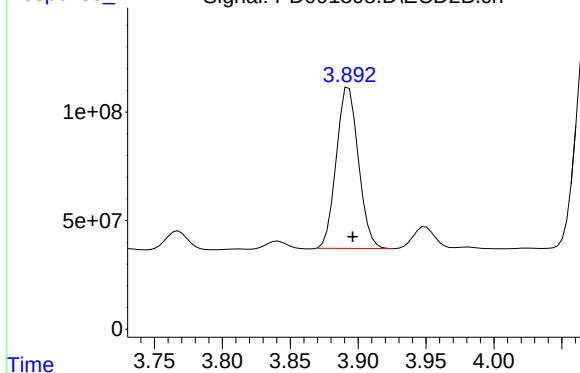
#23 Chlordane-1



R.T.: 4.704 min  
Delta R.T.: -0.003 min  
Response: 113338618  
Conc: 460.62 ng/ml

Signal: PD091308.D\ECD2B.ch

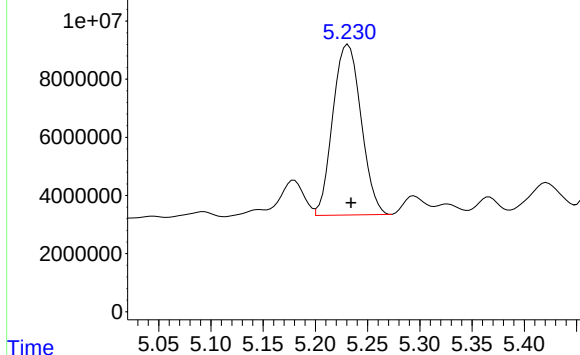
#23 Chlordane-1



R.T.: 3.893 min  
Delta R.T.: -0.003 min  
Response: 841159058  
Conc: 488.96 ng/ml



Response\_ Signal: PD091308.D\ECD1A.ch

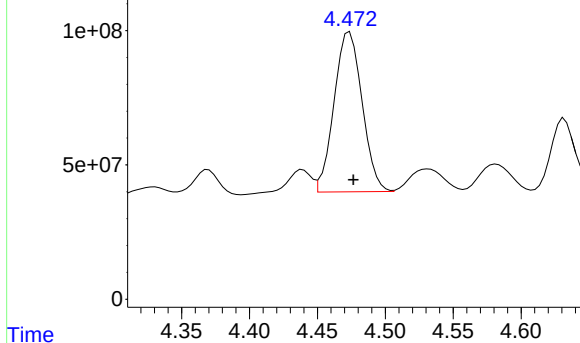


#24 Chlordane-2

R.T.: 5.231 min  
Delta R.T.: -0.003 min  
Response: 110444949  
Conc: 447.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

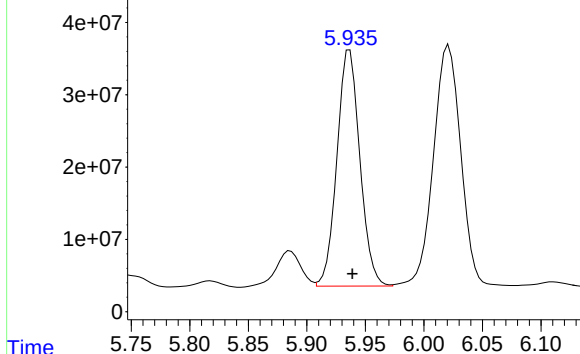
Time Response\_ Signal: PD091308.D\ECD2B.ch



#24 Chlordane-2

R.T.: 4.474 min  
Delta R.T.: -0.003 min  
Response: 856303748  
Conc: 489.03 ng/ml

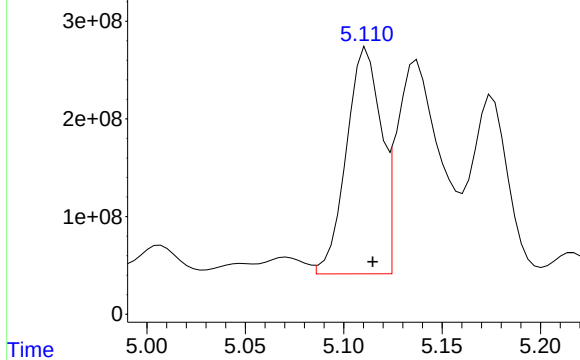
Time Response\_ Signal: PD091308.D\ECD1A.ch



#25 Chlordane-3

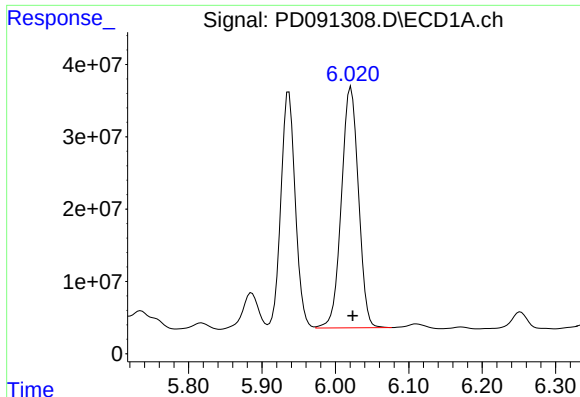
R.T.: 5.937 min  
Delta R.T.: -0.002 min  
Response: 445244356  
Conc: 461.47 ng/ml

Time Response\_ Signal: PD091308.D\ECD2B.ch



#25 Chlordane-3

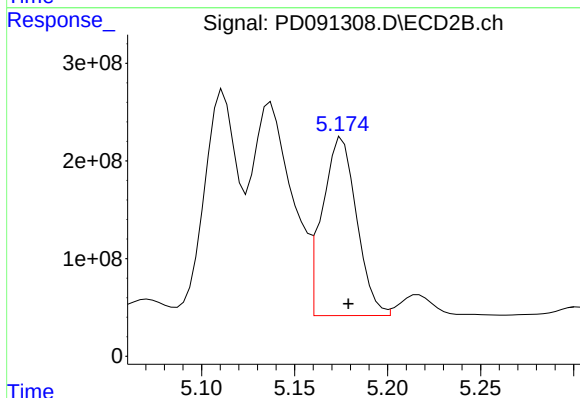
R.T.: 5.112 min  
Delta R.T.: -0.003 min  
Response: 2818451299  
Conc: 489.86 ng/ml



#26 Chlordane-4

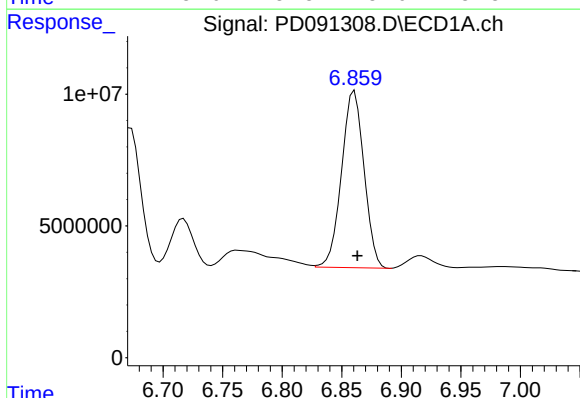
R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 537900033  
Conc: 447.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



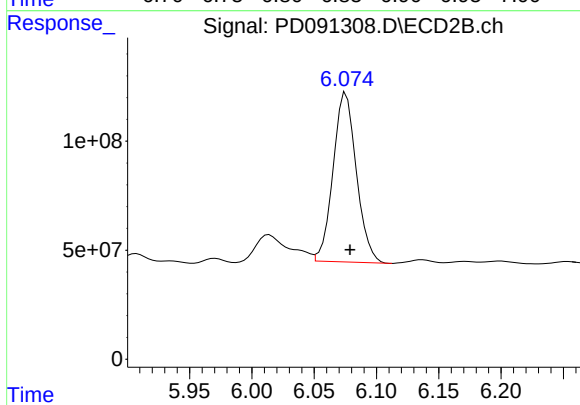
#26 Chlordane-4

R.T.: 5.176 min  
Delta R.T.: -0.003 min  
Response: 2340900348  
Conc: 489.36 ng/ml



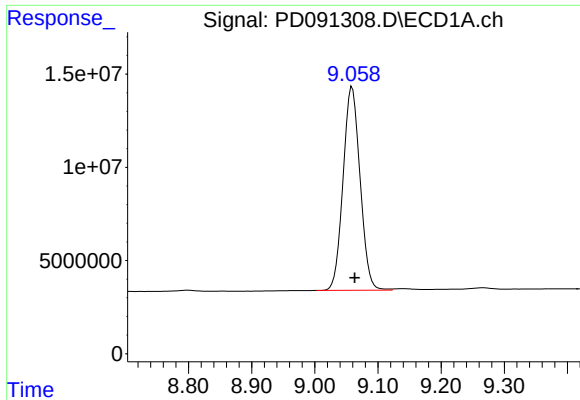
#27 Chlordane-5

R.T.: 6.861 min  
Delta R.T.: -0.003 min  
Response: 88023128  
Conc: 445.52 ng/ml



#27 Chlordane-5

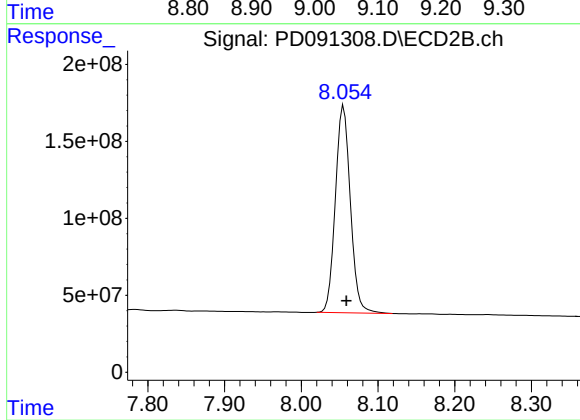
R.T.: 6.075 min  
Delta R.T.: -0.003 min  
Response: 1010680194  
Conc: 498.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: -0.004 min  
Response: 204319365  
Conc: 41.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



#28 Decachlorobiphenyl

R.T.: 8.055 min  
Delta R.T.: -0.003 min  
Response: 1827880579  
Conc: 46.19 ng/ml

## Analytical Sequence

|                                                |                                                                 |
|------------------------------------------------|-----------------------------------------------------------------|
| Client: Alliance Technical Group, LLC - Newark | SDG No.: Q3483                                                  |
| Project: NJ Soil PT                            | Instrument ID: ECD_D                                            |
| GC Column: ZB-MR1                              | ID: 0.32 (mm)    Inst. Calib. Date(s): 11/14/2025    11/14/2025 |

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 # |
|----------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK                 | IBLK             | 11/14/2025       | 20:01            | PD091193.D | 9.06        | 3.54        |
| PCHLORICC1000        | PCHLORICC1000    | 11/14/2025       | 22:04            | PD091201.D | 9.06        | 3.54        |
| PCHLORICC750         | PCHLORICC750     | 11/14/2025       | 22:18            | PD091202.D | 9.06        | 3.54        |
| PCHLORICC500         | PCHLORICC500     | 11/14/2025       | 22:32            | PD091203.D | 9.06        | 3.54        |
| PCHLORICC250         | PCHLORICC250     | 11/14/2025       | 22:46            | PD091204.D | 9.06        | 3.54        |
| PCHLORICC50          | PCHLORICC50      | 11/14/2025       | 22:59            | PD091205.D | 9.06        | 3.54        |
| IBLK                 | IBLK             | 11/20/2025       | 08:49            | PD091298.D | 9.06        | 3.54        |
| PCHLORCCC500         | PCHLORCCC500     | 11/20/2025       | 09:49            | PD091301.D | 9.07        | 3.55        |
| PB170629BL           | PB170629BL       | 11/20/2025       | 10:43            | PD091302.D | 9.07        | 3.55        |
| PB170629BS           | PB170629BS       | 11/20/2025       | 11:26            | PD091303.D | 9.07        | 3.55        |
| HW1025-PT-CHLOR-SOIL | Q3483-21         | 11/20/2025       | 11:40            | PD091304.D | 9.06        | 3.54        |
| IBLK                 | IBLK             | 11/20/2025       | 12:58            | PD091306.D | 9.07        | 3.55        |
| PCHLORCCC500         | PCHLORCCC500     | 11/20/2025       | 13:25            | PD091308.D | 9.06        | 3.54        |

## Analytical Sequence

|                                                |                                                                 |
|------------------------------------------------|-----------------------------------------------------------------|
| Client: Alliance Technical Group, LLC - Newark | SDG No.: Q3483                                                  |
| Project: NJ Soil PT                            | Instrument ID: ECD_D                                            |
| GC Column: ZB-MR2                              | ID: 0.32 (mm)    Inst. Calib. Date(s): 11/14/2025    11/14/2025 |

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 # |
|----------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK                 | IBLK             | 11/14/2025       | 20:01            | PD091193.D | 8.06        | 2.88        |
| PCHLORICC1000        | PCHLORICC1000    | 11/14/2025       | 22:04            | PD091201.D | 8.06        | 2.87        |
| PCHLORICC750         | PCHLORICC750     | 11/14/2025       | 22:18            | PD091202.D | 8.06        | 2.87        |
| PCHLORICC500         | PCHLORICC500     | 11/14/2025       | 22:32            | PD091203.D | 8.06        | 2.87        |
| PCHLORICC250         | PCHLORICC250     | 11/14/2025       | 22:46            | PD091204.D | 8.06        | 2.87        |
| PCHLORICC50          | PCHLORICC50      | 11/14/2025       | 22:59            | PD091205.D | 8.06        | 2.87        |
| IBLK                 | IBLK             | 11/20/2025       | 08:49            | PD091298.D | 8.05        | 2.87        |
| PCHLORCCC500         | PCHLORCCC500     | 11/20/2025       | 09:49            | PD091301.D | 8.06        | 2.87        |
| PB170629BL           | PB170629BL       | 11/20/2025       | 10:43            | PD091302.D | 8.06        | 2.87        |
| PB170629BS           | PB170629BS       | 11/20/2025       | 11:26            | PD091303.D | 8.06        | 2.87        |
| HW1025-PT-CHLOR-SOIL | Q3483-21         | 11/20/2025       | 11:40            | PD091304.D | 8.06        | 2.87        |
| IBLK                 | IBLK             | 11/20/2025       | 12:58            | PD091306.D | 8.06        | 2.87        |
| PCHLORCCC500         | PCHLORCCC500     | 11/20/2025       | 13:25            | PD091308.D | 8.06        | 2.87        |

**COMPOUND DETECTION SUMMARY**

**CLIENT SAMPLE NO.**

**HW1025-PT-CHLOR-SOIL**

**Lab Name:** Alliance

**Contract:** ALLI03

**Lab Code:** ACE

**SDG NO.:** Q3483

**Lab Sample ID:** Q3483-21

**Date(s) Analyzed:** 11/20/2025 11/20/2025

**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   | 5.75 | 5.70      | 5.80 | 60.9          | 7.3  |
|           | 2   | 4.95 | 4.90      | 5.00 | 65.5          |      |

**COMPOUND DETECTION SUMMARY**

**CLIENT SAMPLE NO.**

**PB170629BS**

**Lab Name:** Alliance

**Contract:** ALLI03

**Lab Code:** ACE

**SDG NO.:** Q3483

**Lab Sample ID:** PB170629BS

**Date(s) Analyzed:** 11/20/2025 11/20/2025

**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 | 63.9          | 10.9 |
|           | 2   | 4.95 | 4.90      | 5.00 | 71.3          |      |



# QC SAMPLE DATA

|    |
|----|
| 1  |
| 2  |
| 3  |
| 4  |
| 5  |
| 6  |
| 7  |
| 8  |
| 9  |
| 10 |
| 11 |
| 12 |
| 13 |
| 14 |
| 15 |
| 16 |
| 17 |
| 18 |
| 19 |





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

## Report of Analysis

|                    |                                        |                     |                 |                  |
|--------------------|----------------------------------------|---------------------|-----------------|------------------|
| Client:            | Alliance Technical Group, LLC - Newark |                     | Date Collected: |                  |
| Project:           | NJ Soil PT                             |                     | Date Received:  |                  |
| Client Sample ID:  | PB170629BL                             |                     | SDG No.:        | Q3483            |
| Lab Sample ID:     | PB170629BL                             |                     | Matrix:         | SOIL             |
| Analytical Method: | 8081B                                  |                     | % Solid:        | 100              |
| Sample Wt/Vol:     | 30.01 g                                | Final Vol: 10000 uL | Test:           | PESTICIDE Group2 |
| Prep Method:       | SW3541B                                | Prep Date: 11/19/25 |                 |                  |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 57-74-9           | Chlordane            | 3.10  | U    | 1  | 3.10     | 17.0       | ug/kg   | 11/20/25 10:43 | PB170629 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 23.4  |      |    | 10 - 143 | 117%       | SPK: 20 |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 22.0  |      |    | 10 - 131 | 110%       | SPK: 20 |                |          |

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

Q3483-PESTICIDE Group2

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\PD112025\  
Data File : PD091302.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2025 10:43  
Operator : AR\AJ  
Sample : PB170629BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB170629BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 22:44:24 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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 | 2.871 | 69364239 | 807.5E6 | 20.114 | 22.043 |
| 28) SA Decachlor...         | 9.067 | 8.057 | 110.7E6  | 925.7E6 | 22.216 | 23.392 |

Target Compounds

-----

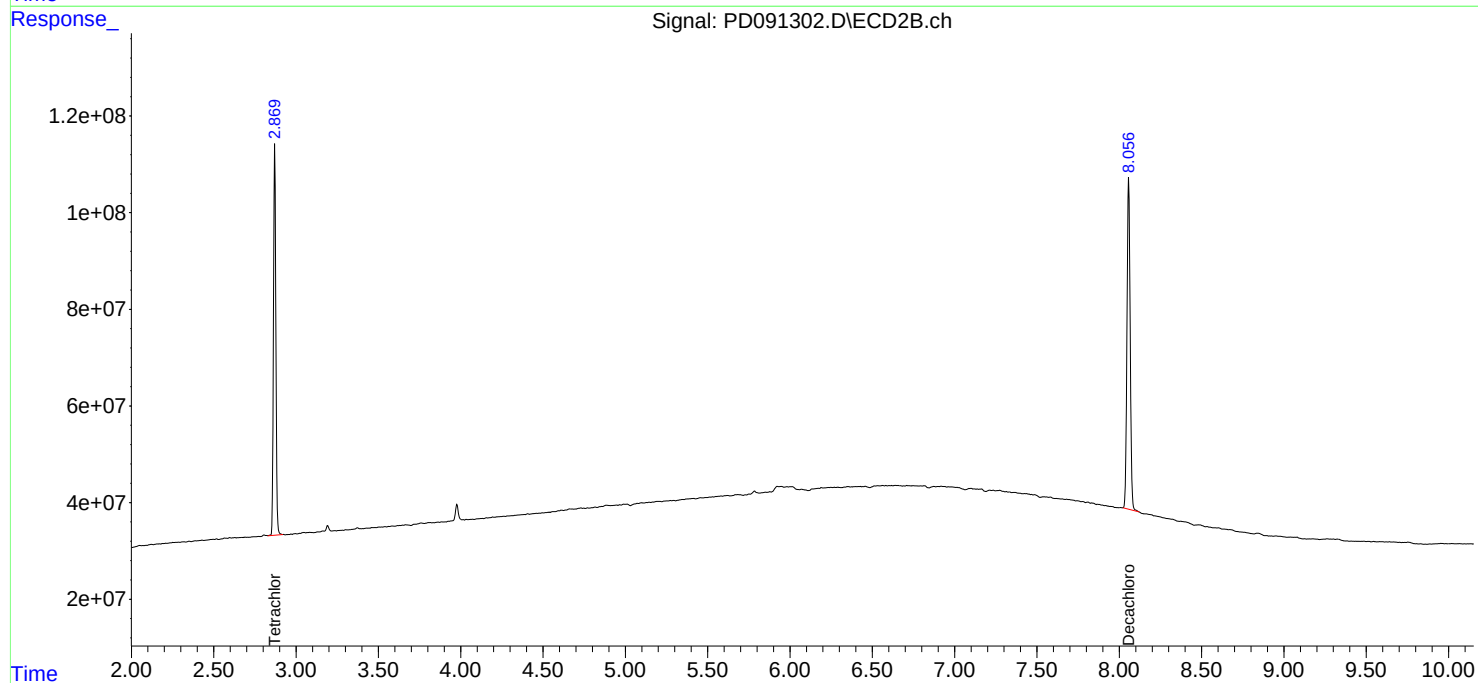
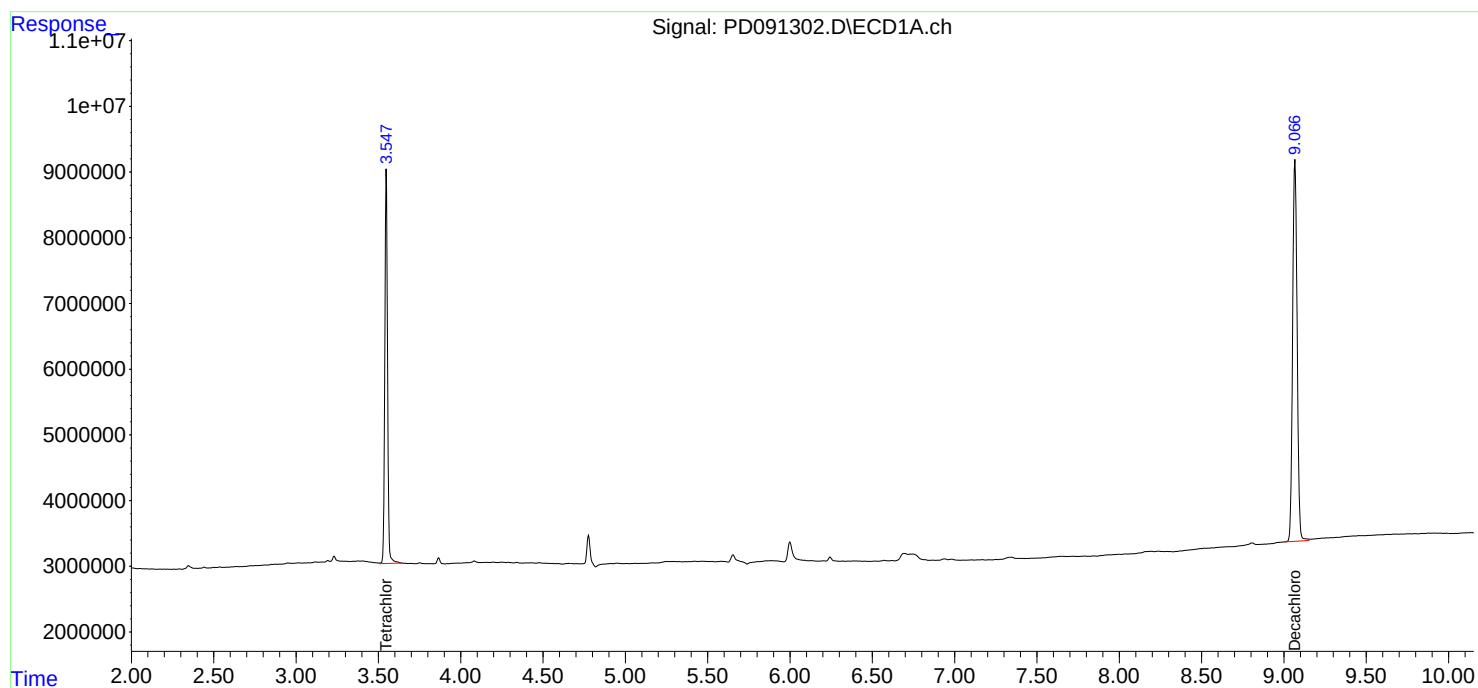
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112025\  
Data File : PD091302.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2025 10:43  
Operator : AR\AJ  
Sample : PB170629BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB170629BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 22:44:24 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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

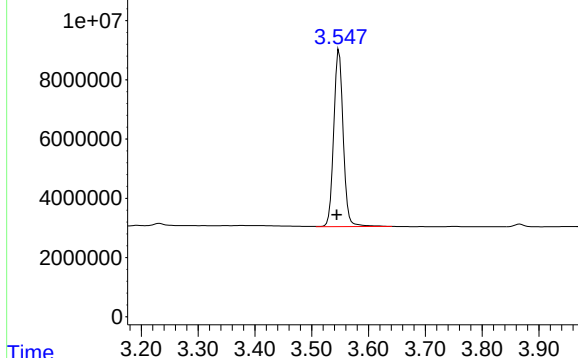


Response\_ Signal: PD091302.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.548 min  
Delta R.T.: 0.004 min  
Response: 69364239  
Conc: 20.11 ng/ml

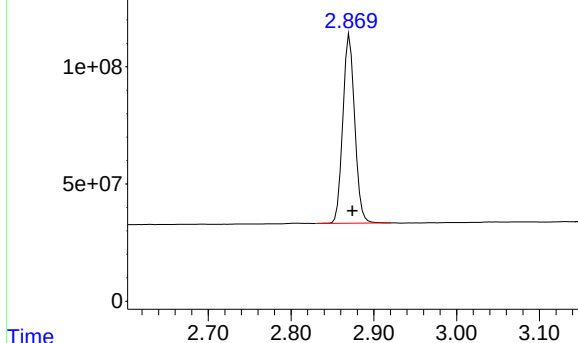
Instrument :  
ECD\_D  
ClientSampleId :  
PB170629BL



Time Response\_ Signal: PD091302.D\ECD2B.ch

#1 Tetrachloro-m-xylene

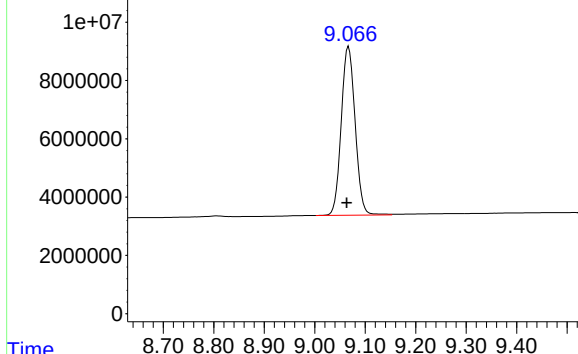
R.T.: 2.871 min  
Delta R.T.: -0.003 min  
Response: 807450904  
Conc: 22.04 ng/ml



Time Response\_ Signal: PD091302.D\ECD1A.ch

#28 Decachlorobiphenyl

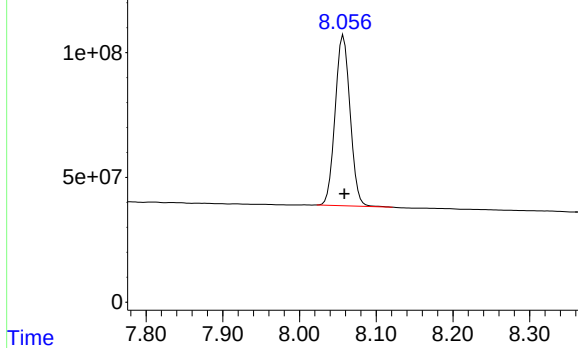
R.T.: 9.067 min  
Delta R.T.: 0.004 min  
Response: 110678453  
Conc: 22.22 ng/ml



Time Response\_ Signal: PD091302.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 8.057 min  
Delta R.T.: -0.001 min  
Response: 925723486  
Conc: 23.39 ng/ml





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Fax : 908 789 8922

## Report of Analysis

|                    |                                        |                     |                 |                  |
|--------------------|----------------------------------------|---------------------|-----------------|------------------|
| Client:            | Alliance Technical Group, LLC - Newark |                     | Date Collected: | 11/14/25         |
| Project:           | NJ Soil PT                             |                     | Date Received:  | 11/14/25         |
| Client Sample ID:  | PIBLK-PD091193.D                       |                     | SDG No.:        | Q3483            |
| Lab Sample ID:     | I.BLK-PD091193.D                       |                     | Matrix:         | WATER            |
| Analytical Method: | 8081B                                  |                     | % Solid:        | 0                |
| Sample Wt/Vol:     | 1000 mL                                | Final Vol: 10000 uL | Test:           | PESTICIDE Group2 |
| Prep Method:       | 3510C                                  | Prep Date:          |                 |                  |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 57-74-9           | Chlordane            | 0.088 | U    | 1  | 0.088    | 0.50       | ug/L    | 11/14/25  | PD111525 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 20.8  |      |    | 31 - 149 | 104%       | SPK: 20 |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 20.0  |      |    | 41 - 134 | 100%       | SPK: 20 |           |          |

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

Q3483-PESTICIDE Group2

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\PD111525\  
Data File : PD091193.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2025 20:01  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 04:47:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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 | 2.875 | 67367446 | 734.0E6 | 19.535 | 20.038 |
| 28) SA Decachlor...         | 9.064 | 8.059 | 103.5E6  | 793.9E6 | 20.767 | 20.060 |

Target Compounds

-----

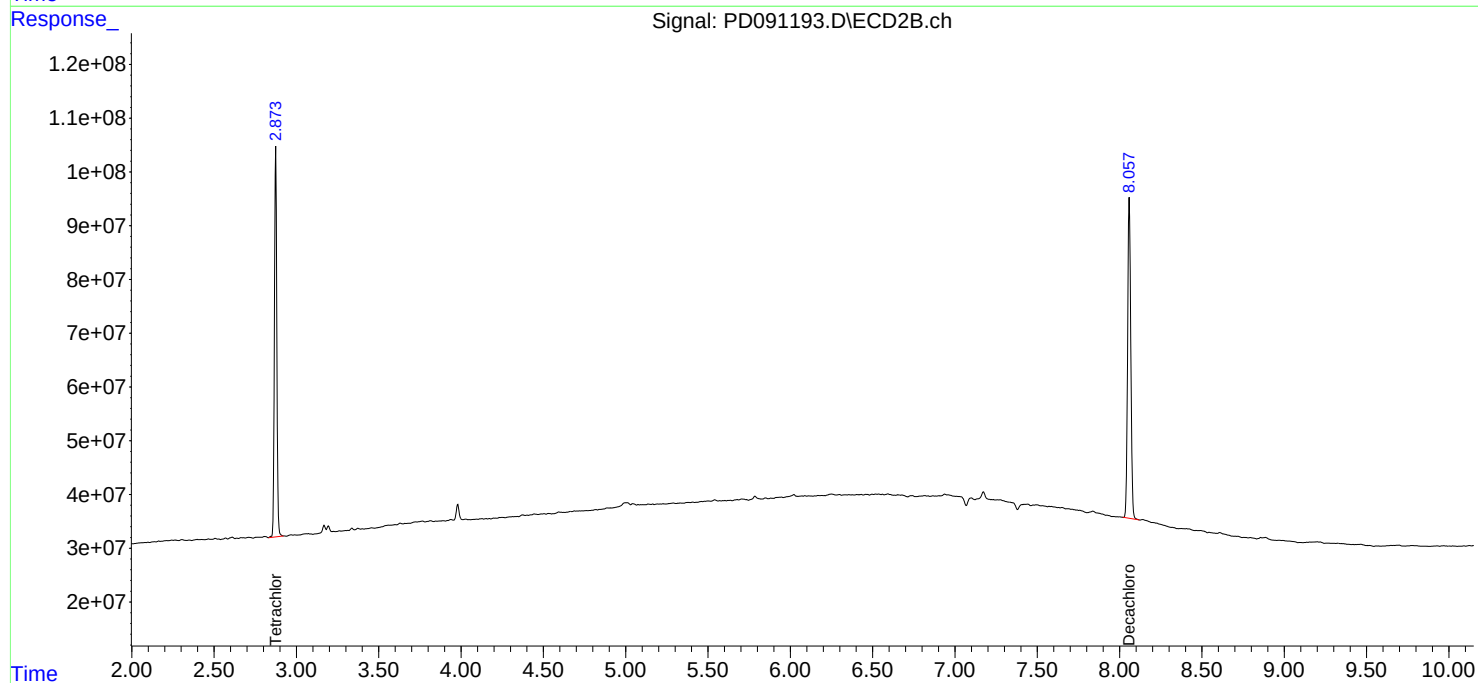
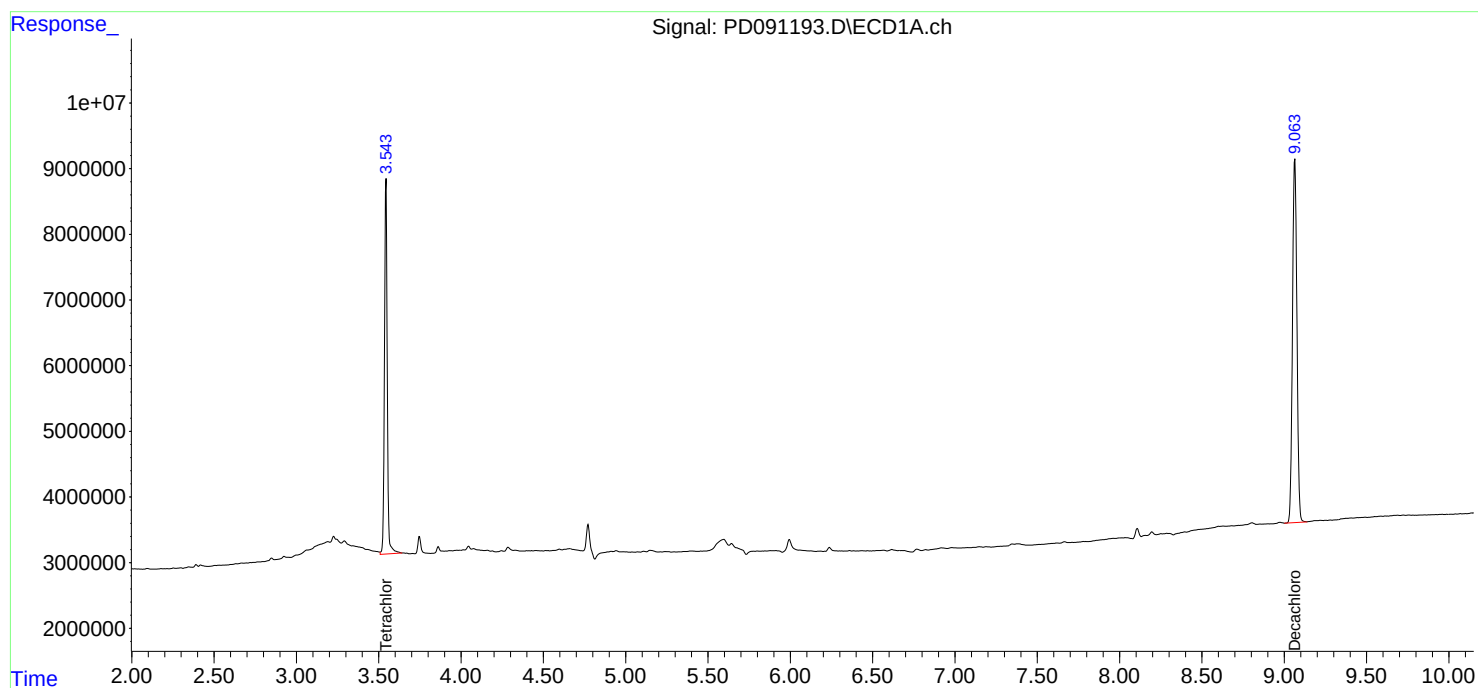
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111525\  
Data File : PD091193.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2025 20:01  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

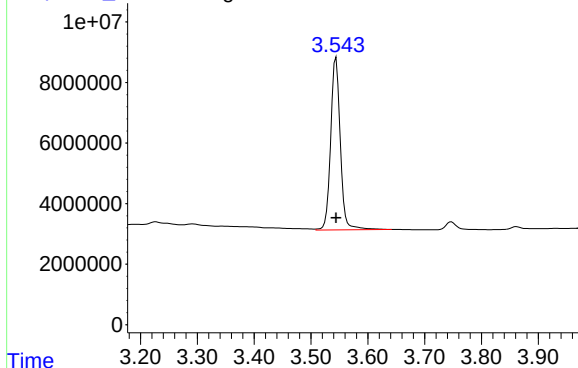
Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 04:47:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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



Response\_ Signal: PD091193.D\ECD1A.ch

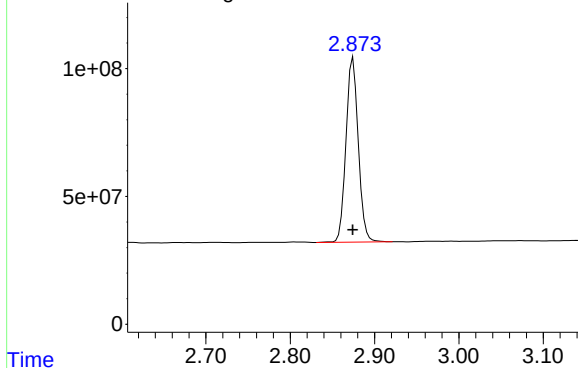


#1 Tetrachloro-m-xylene

R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 67367446  
Conc: 19.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

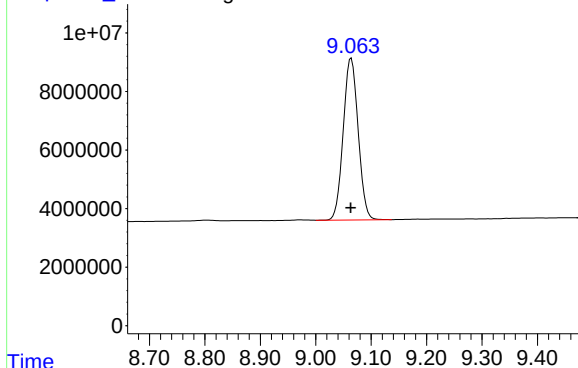
Response\_ Signal: PD091193.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.875 min  
Delta R.T.: 0.000 min  
Response: 734006061  
Conc: 20.04 ng/ml

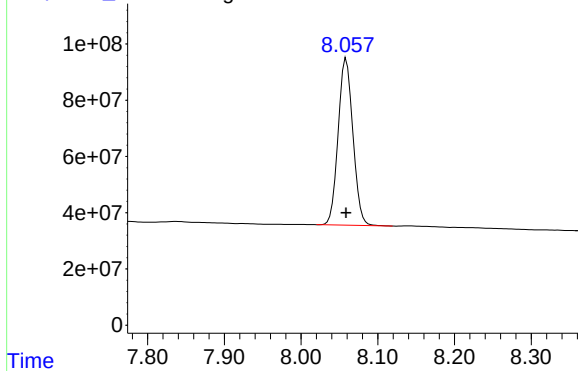
Response\_ Signal: PD091193.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: 0.000 min  
Response: 103459386  
Conc: 20.77 ng/ml

Response\_ Signal: PD091193.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.059 min  
Delta R.T.: 0.000 min  
Response: 793870994  
Conc: 20.06 ng/ml



## Report of Analysis

|                                                |                          |                     |
|------------------------------------------------|--------------------------|---------------------|
| Client: Alliance Technical Group, LLC - Newark | Date Collected: 11/20/25 |                     |
| Project: NJ Soil PT                            | Date Received: 11/20/25  |                     |
| Client Sample ID: PIBLK-PD091298.D             | SDG No.: Q3483           |                     |
| Lab Sample ID: I.BLK-PD091298.D                | Matrix: WATER            |                     |
| Analytical Method: 8081B                       | % Solid: 0               |                     |
| Sample Wt/Vol: 1000 mL                         | Test: PESTICIDE Group2   | Final Vol: 10000 uL |
| Prep Method: 3510C                             |                          | Prep Date:          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 57-74-9           | Chlordane            | 0.088 | U    | 1  | 0.088    | 0.50       | ug/L    | 11/20/25  | pd112025 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 26.5  |      |    | 31 - 149 | 133%       | SPK: 20 |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 26.3  |      |    | 41 - 134 | 132%       | SPK: 20 |           |          |

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

Q3483-PESTICIDE Group2

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\PD112025\  
Data File : PD091298.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2025 08:49  
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: Nov 20 22:42:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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... | 3.541 | 2.871 | 84161204 | 964.6E6  | 24.404 | 26.332 |
| 28)                         | SA Decachlor... | 9.059 | 8.054 | 125.7E6  | 1050.3E6 | 25.224 | 26.540 |

Target Compounds

-----

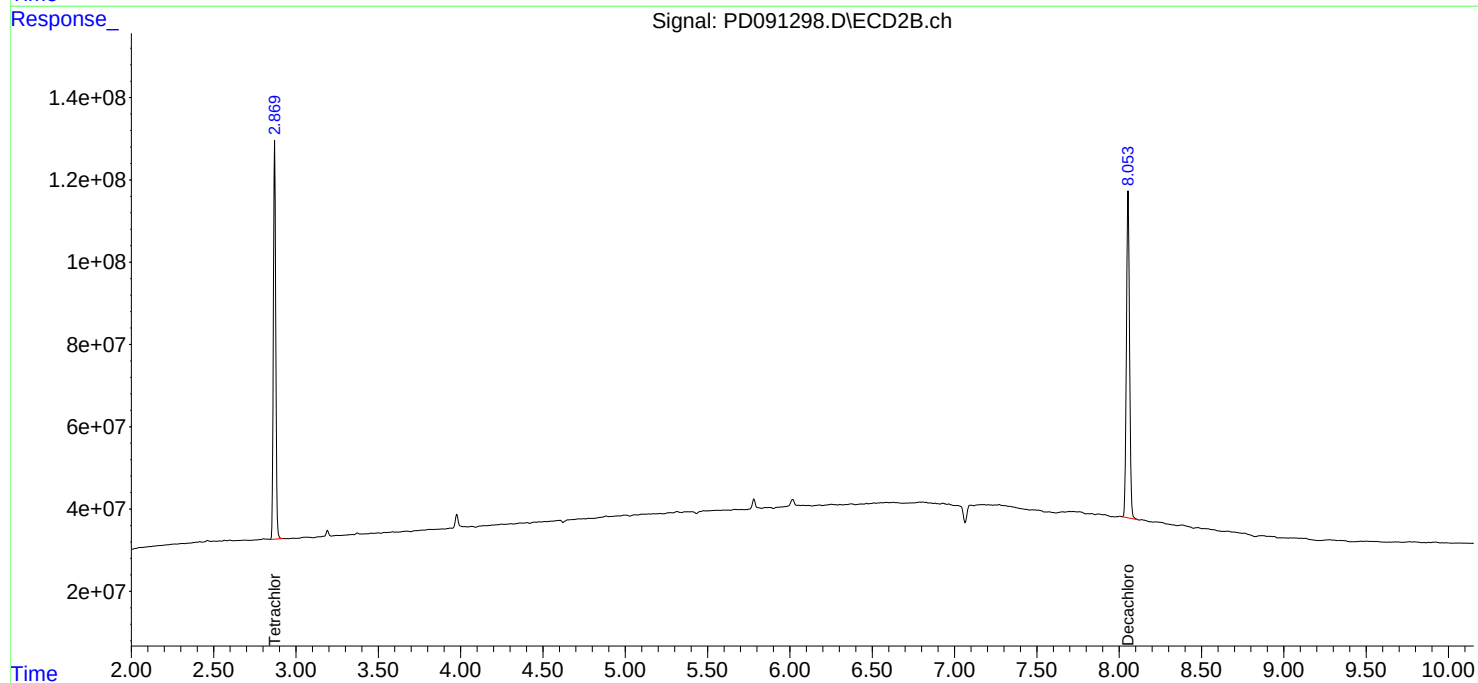
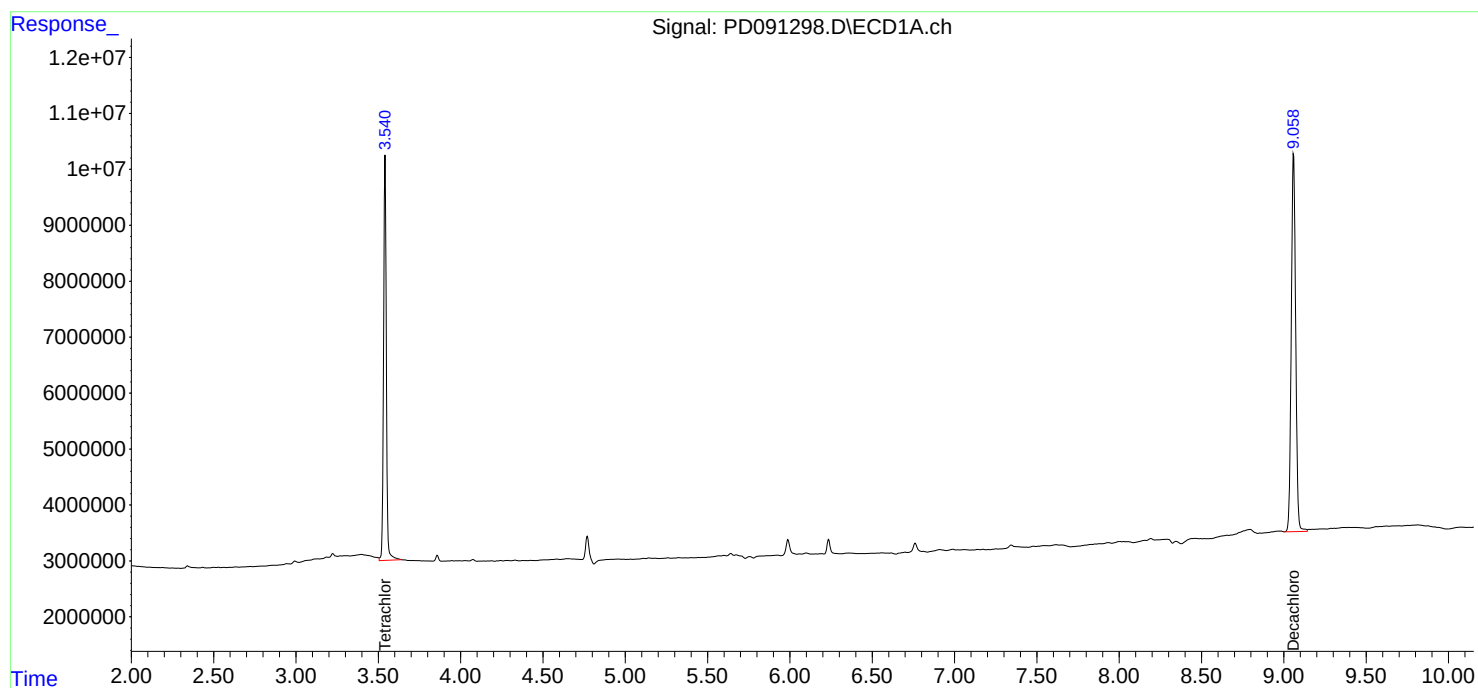
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112025\  
Data File : PD091298.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2025 08:49  
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: Nov 20 22:42:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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: PD091298.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: -0.003 min  
Response: 84161204  
Conc: 24.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Time 3.20 3.30 3.40 3.50 3.60 3.70 3.80 3.90

Response\_ Signal: PD091298.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.871 min  
Delta R.T.: -0.003 min  
Response: 964556150  
Conc: 26.33 ng/ml

Time 2.70 2.80 2.90 3.00

Response\_ Signal: PD091298.D\ECD1A.ch

#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: -0.004 min  
Response: 125662003  
Conc: 25.22 ng/ml

Time 8.70 8.80 8.90 9.00 9.10 9.20 9.30 9.40

Response\_ Signal: PD091298.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 8.054 min  
Delta R.T.: -0.004 min  
Response: 1050332744  
Conc: 26.54 ng/ml

Time 7.80 7.90 8.00 8.10 8.20 8.30

## Report of Analysis

|                                                |                          |                     |
|------------------------------------------------|--------------------------|---------------------|
| Client: Alliance Technical Group, LLC - Newark | Date Collected: 11/20/25 |                     |
| Project: NJ Soil PT                            | Date Received: 11/20/25  |                     |
| Client Sample ID: PIBLK-PD091306.D             | SDG No.: Q3483           |                     |
| Lab Sample ID: I.BLK-PD091306.D                | Matrix: WATER            |                     |
| Analytical Method: 8081B                       | % Solid: 0               |                     |
| Sample Wt/Vol: 1000 mL                         | Test: PESTICIDE Group2   | Final Vol: 10000 uL |
| Prep Method: 3510C                             |                          | Prep Date:          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 57-74-9           | Chlordane            | 0.088 | U    | 1  | 0.088    | 0.50       | ug/L    | 11/20/25  | pd112025 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 27.3  |      |    | 31 - 149 | 137%       | SPK: 20 |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 25.7  |      |    | 41 - 134 | 129%       | SPK: 20 |           |          |

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

Q3483-PESTICIDE Group2

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\PD112025\  
Data File : PD091306.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2025 12:58  
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: Nov 20 22:45:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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 | 2.871 | 80010801 | 941.5E6  | 23.201 | 25.703 |
| 28)                         | SA Decachlor... | 9.070 | 8.057 | 128.4E6  | 1081.4E6 | 25.779 | 27.326 |

Target Compounds

-----

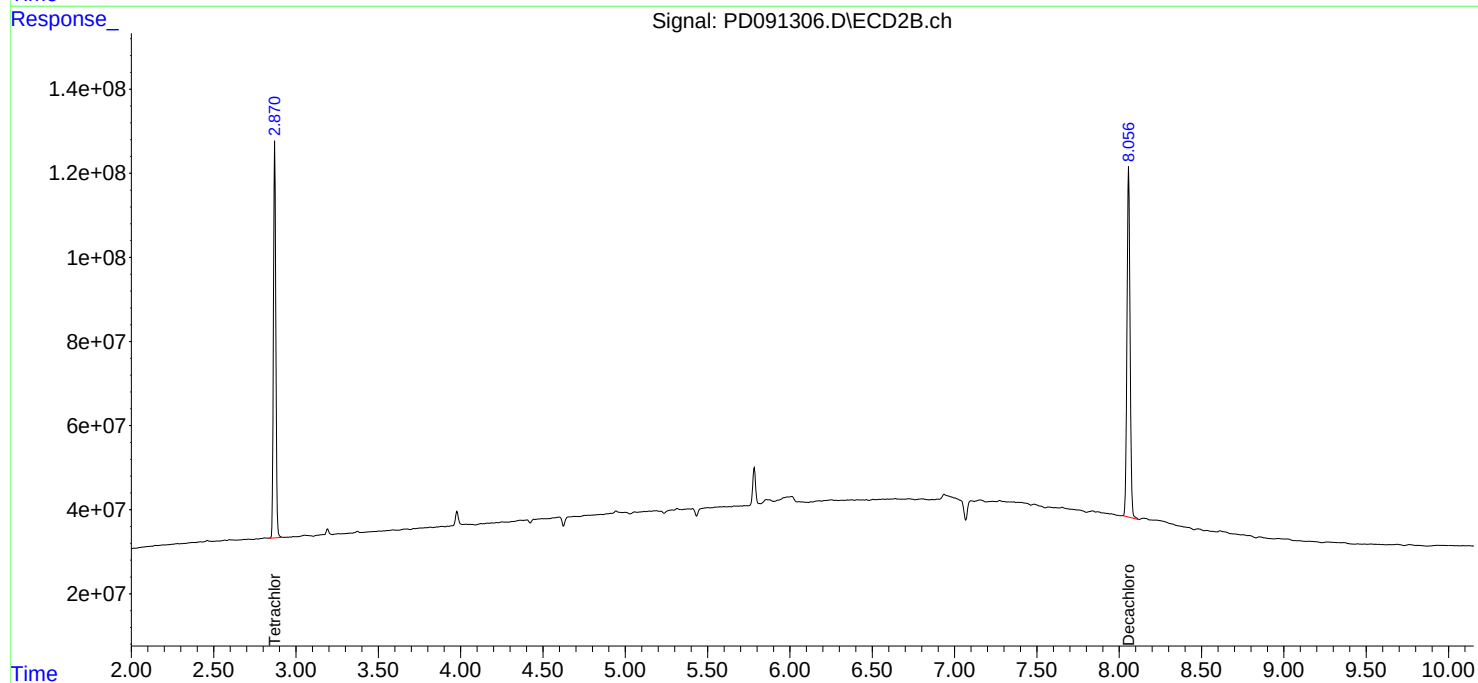
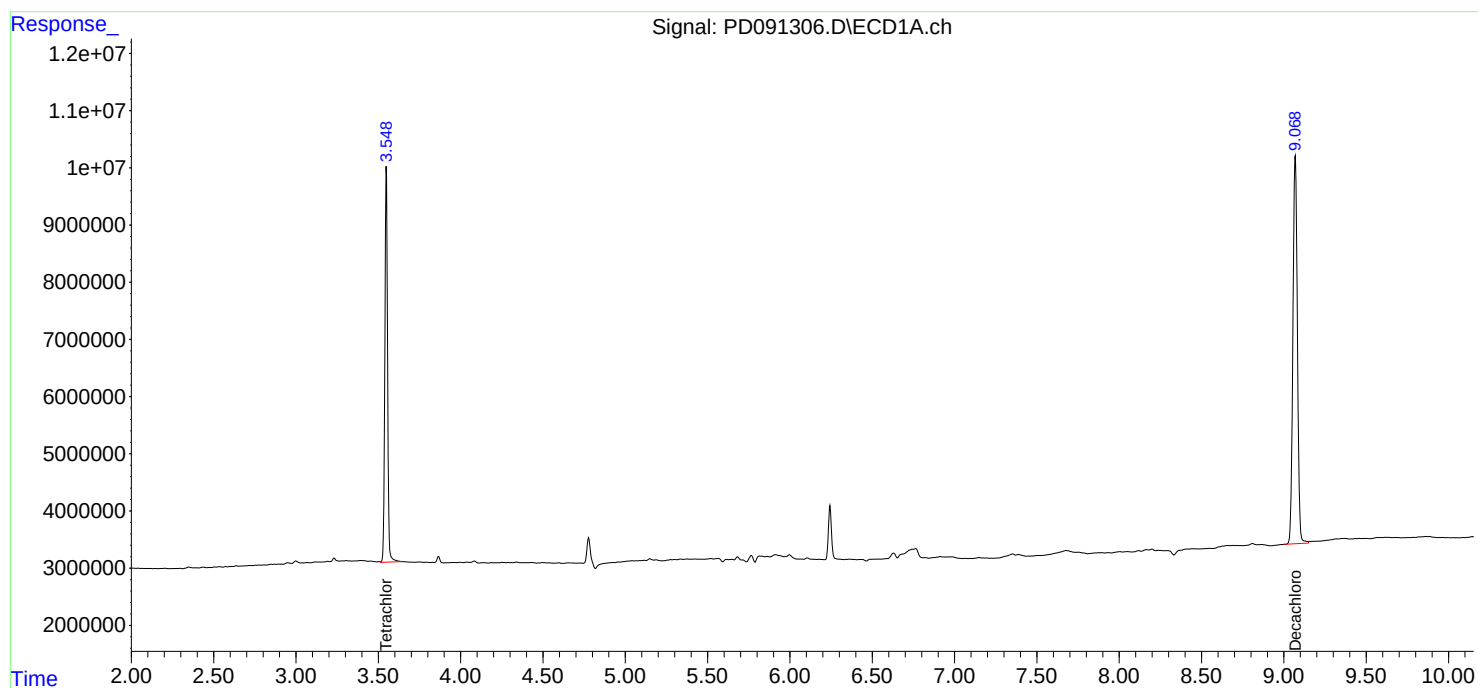
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112025\  
Data File : PD091306.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2025 12:58  
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: Nov 20 22:45:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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: PD091306.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.549 min  
Delta R.T.: 0.005 min  
Response: 80010801  
Conc: 23.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Time 3.20 3.30 3.40 3.50 3.60 3.70 3.80 3.90

Response\_ Signal: PD091306.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.871 min  
Delta R.T.: -0.003 min  
Response: 941515313  
Conc: 25.70 ng/ml

Time 2.70 2.80 2.90 3.00 3.10

Response\_ Signal: PD091306.D\ECD1A.ch

#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: 0.006 min  
Response: 128426482  
Conc: 25.78 ng/ml

Time 8.70 8.80 8.90 9.00 9.10 9.20 9.30 9.40

Response\_ Signal: PD091306.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 8.057 min  
Delta R.T.: -0.001 min  
Response: 1081420580  
Conc: 27.33 ng/ml

Time 7.80 7.90 8.00 8.10 8.20 8.30





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

## Report of Analysis

Client: Alliance Technical Group, LLC - Newark  
Project: NJ Soil PT  
Client Sample ID: PB170629BS  
Lab Sample ID: PB170629BS  
Analytical Method: 8081B  
Sample Wt/Vol: 30.03 g Final Vol: 10000 uL  
Prep Method: SW3541B Prep Date: 11/19/25

Date Collected:  
Date Received:  
SDG No.: Q3483  
Matrix: SOIL  
% Solid: 100  
Test: PESTICIDE Group2

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 57-74-9           | Chlordane            | 71.3  |      | 1  | 3.10     | 17.0       | ug/kg   | 11/20/25 11:26 | PB170629 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 19.5  |      |    | 10 - 143 | 98%        | SPK: 20 |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 22.8  |      |    | 10 - 131 | 114%       | SPK: 20 |                |          |

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

Q3483-PESTICIDE Group2

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\PD112025\  
 Data File : PD091303.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2025 11:26  
 Operator : AR\AJ  
 Sample : PB170629BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB170629BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 22:44:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 15 04:46:13 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 | 2.870 | 61683845 | 836.8E6  | 17.886  | 22.844 #  |
| 28)                         | SA Decachlor... | 9.068 | 8.057 | 92274331 | 772.5E6  | 18.522  | 19.519    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 23)                         | Chlordane-1     | 4.711 | 3.893 | 47149781 | 350.9E6  | 191.621 | 203.962   |
| 24)                         | Chlordane-2     | 5.238 | 4.474 | 51853893 | 359.7E6  | 209.994 | 205.395   |
| 25)                         | Chlordane-3     | 5.943 | 5.112 | 182.7E6  | 1213.5E6 | 189.389 | 210.911   |
| 26)                         | Chlordane-4     | 6.028 | 5.177 | 223.1E6  | 1038.8E6 | 185.730 | 217.166   |
| 27)                         | Chlordane-5     | 6.868 | 6.076 | 35958475 | 474.5E6  | 182.002 | 233.836 # |
| -----                       |                 |       |       |          |          |         |           |

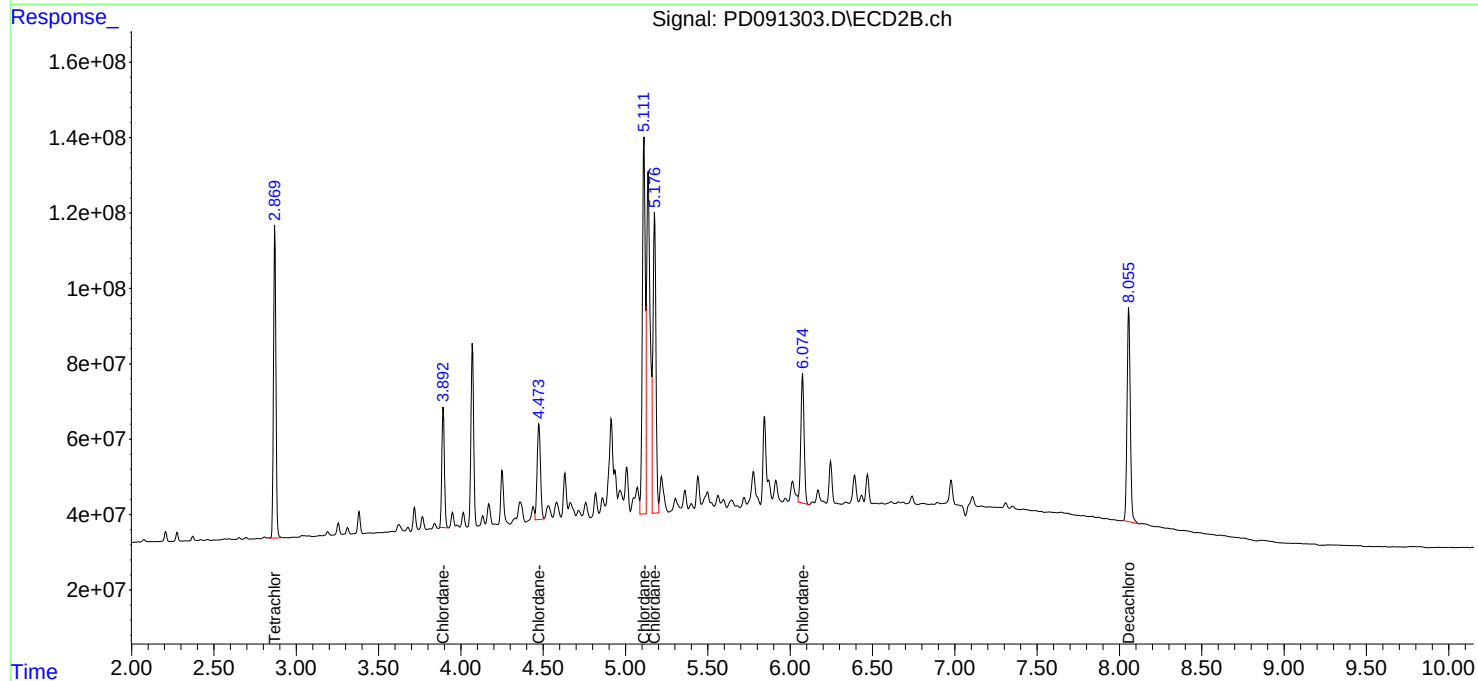
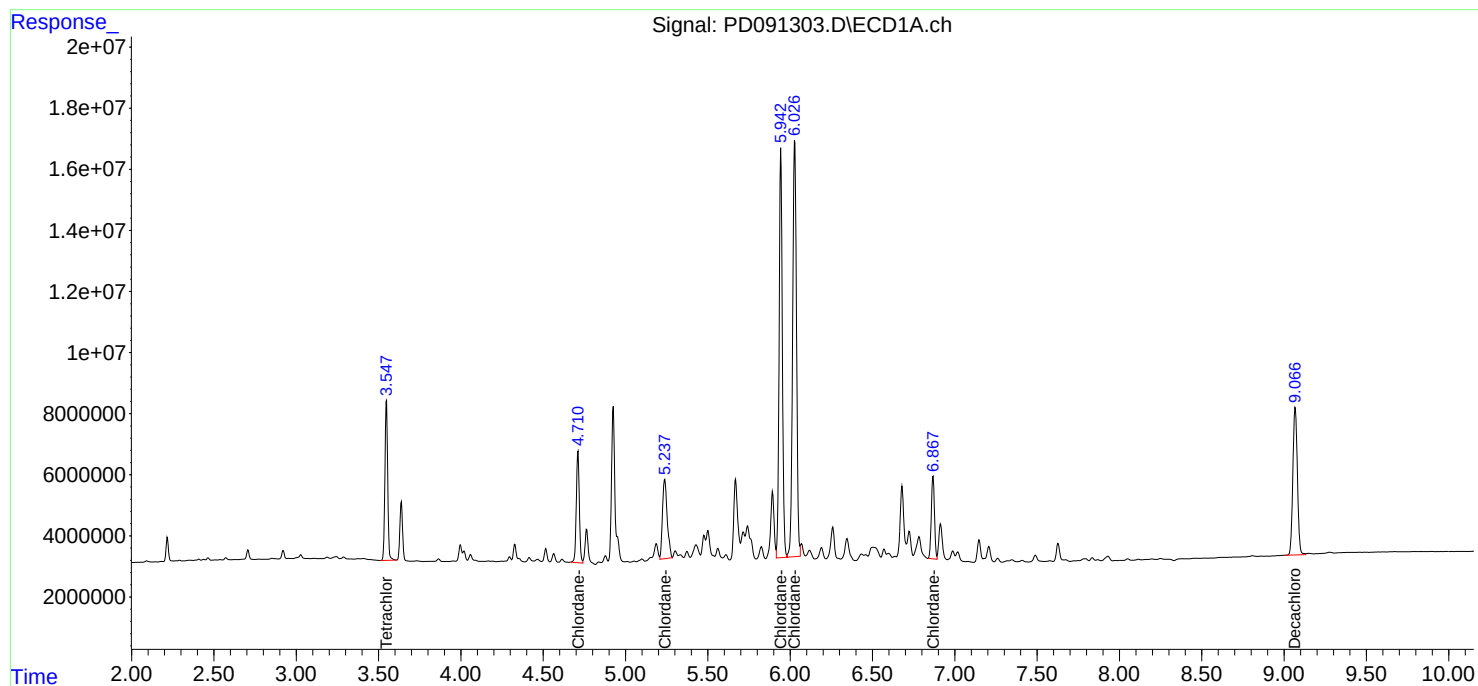
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

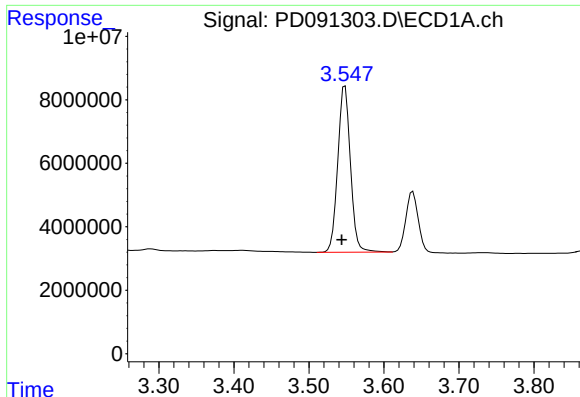
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112025\  
Data File : PD091303.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2025 11:26  
Operator : AR\AJ  
Sample : PB170629BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB170629BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 22:44:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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

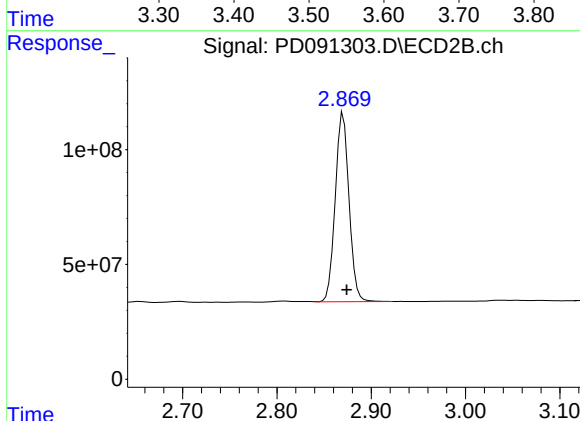




## #1 Tetrachloro-m-xylene

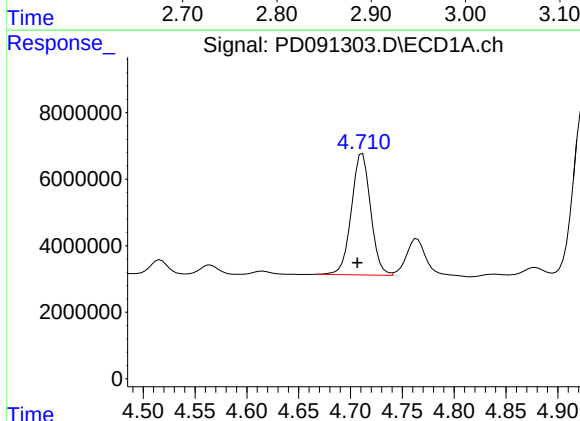
R.T.: 3.548 min  
Delta R.T.: 0.004 min  
Response: 61683845  
Conc: 17.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB170629BS



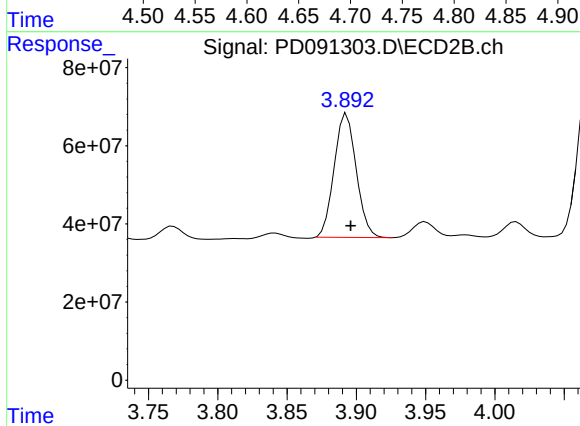
## #1 Tetrachloro-m-xylene

R.T.: 2.870 min  
Delta R.T.: -0.004 min  
Response: 836763826  
Conc: 22.84 ng/ml



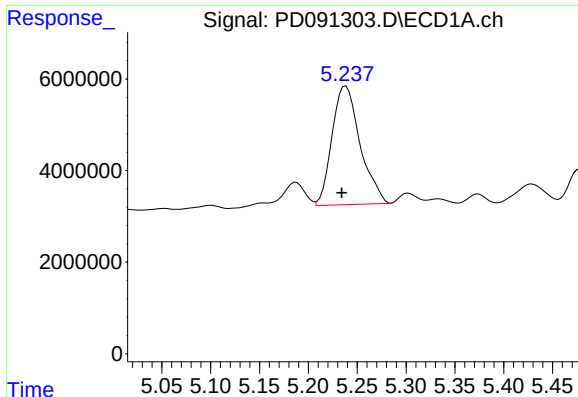
## #23 Chlordane-1

R.T.: 4.711 min  
Delta R.T.: 0.005 min  
Response: 47149781  
Conc: 191.62 ng/ml



## #23 Chlordane-1

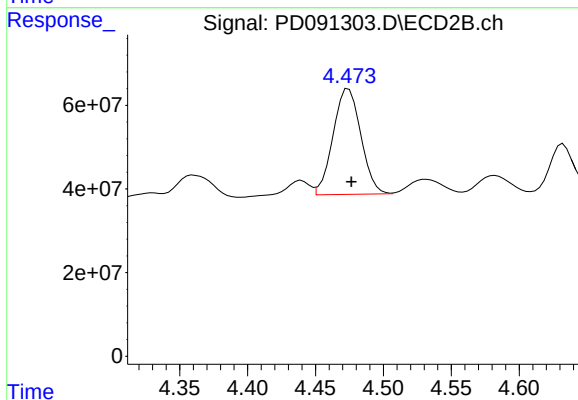
R.T.: 3.893 min  
Delta R.T.: -0.003 min  
Response: 350874722  
Conc: 203.96 ng/ml



#24 Chlordane-2

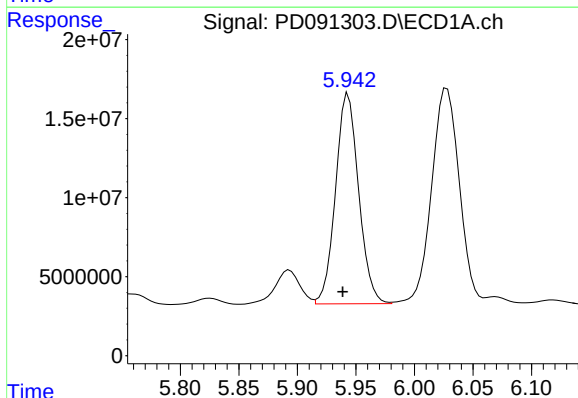
R.T.: 5.238 min  
Delta R.T.: 0.004 min  
Response: 51853893  
Conc: 209.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB170629BS



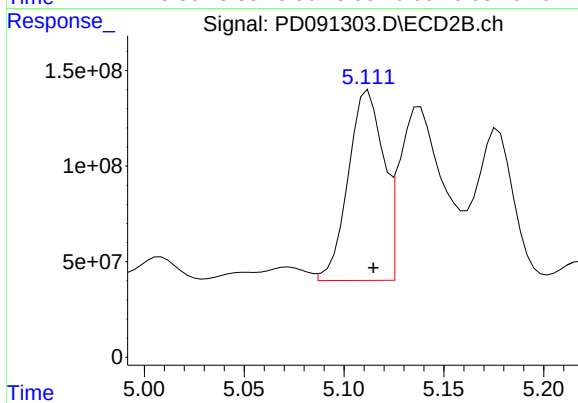
#24 Chlordane-2

R.T.: 4.474 min  
Delta R.T.: -0.002 min  
Response: 359654147  
Conc: 205.40 ng/ml



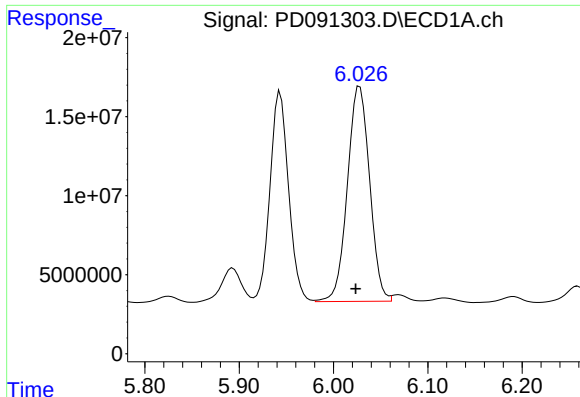
#25 Chlordane-3

R.T.: 5.943 min  
Delta R.T.: 0.005 min  
Response: 182730744  
Conc: 189.39 ng/ml



#25 Chlordane-3

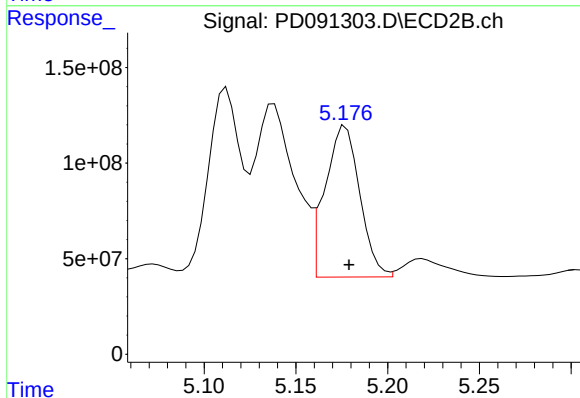
R.T.: 5.112 min  
Delta R.T.: -0.003 min  
Response: 1213494313  
Conc: 210.91 ng/ml



#26 Chlordane-4

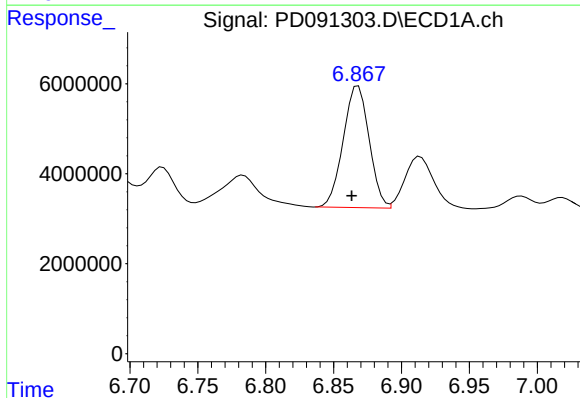
R.T.: 6.028 min  
Delta R.T.: 0.004 min  
Response: 223099648  
Conc: 185.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB170629BS



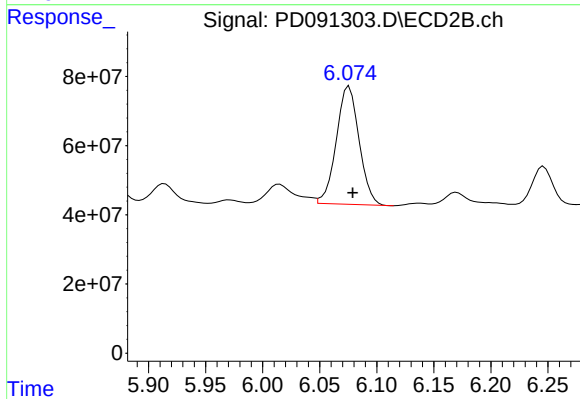
#26 Chlordane-4

R.T.: 5.177 min  
Delta R.T.: -0.002 min  
Response: 1038829484  
Conc: 217.17 ng/ml



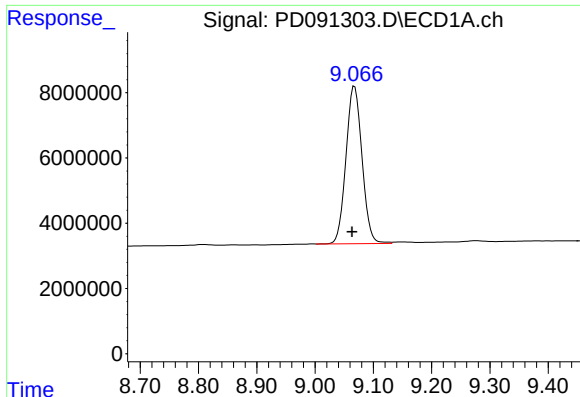
#27 Chlordane-5

R.T.: 6.868 min  
Delta R.T.: 0.005 min  
Response: 35958475  
Conc: 182.00 ng/ml



#27 Chlordane-5

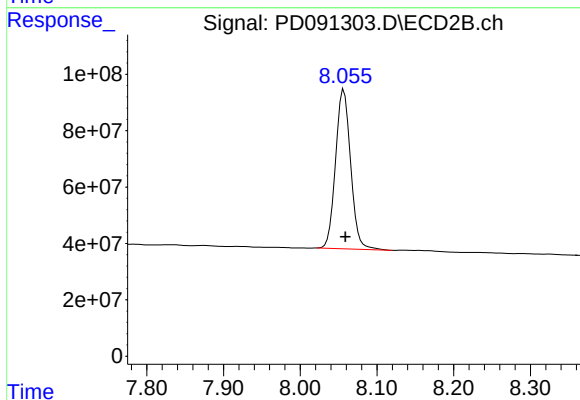
R.T.: 6.076 min  
Delta R.T.: -0.003 min  
Response: 474500704  
Conc: 233.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.004 min  
Response: 92274331  
Conc: 18.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB170629BS



#28 Decachlorobiphenyl

R.T.: 8.057 min  
Delta R.T.: -0.002 min  
Response: 772466342  
Conc: 19.52 ng/ml

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PD111525 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter               | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|------------|------------|-------------------------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| PEM        | PD091194.D | 4,4"-DDE #2             | Abdul     | 11/17/2025<br>8:53:25 AM | Sohil         | 11/17/2025<br>2:13:45 | Peak Integrated by Software |
| PEM        | PD091194.D | Endrin aldehyde         | Abdul     | 11/17/2025<br>8:53:25 AM | Sohil         | 11/17/2025<br>2:13:45 | Peak Integrated by Software |
| PEM        | PD091194.D | Endrin aldehyde #2      | Abdul     | 11/17/2025<br>8:53:25 AM | Sohil         | 11/17/2025<br>2:13:45 | Peak Integrated by Software |
| PSTDICC005 | PD091200.D | delta-BHC               | Abdul     | 11/17/2025<br>8:54:07 AM | Sohil         | 11/17/2025<br>2:13:50 | Peak Integrated by Software |
| PSTDICC005 | PD091200.D | Heptachlor              | Abdul     | 11/17/2025<br>8:54:07 AM | Sohil         | 11/17/2025<br>2:13:50 | Peak Integrated by Software |
| PSTDICC005 | PD091200.D | Heptachlor epoxide      | Abdul     | 11/17/2025<br>8:54:07 AM | Sohil         | 11/17/2025<br>2:13:50 | Peak Integrated by Software |
| PSTDICC005 | PD091200.D | Tetrachloro-m-xylene    | Abdul     | 11/17/2025<br>8:54:07 AM | Sohil         | 11/17/2025<br>2:13:50 | Peak Integrated by Software |
| PSTDICC005 | PD091200.D | Tetrachloro-m-xylene #2 | Abdul     | 11/17/2025<br>8:54:07 AM | Sohil         | 11/17/2025<br>2:13:50 | Peak Integrated by Software |
| PEM        | PD091215.D | 4,4"-DDE #2             | Abdul     | 11/17/2025<br>8:53:18 AM | Sohil         | 11/17/2025<br>2:14:03 | Peak Integrated by Software |



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd112025 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter            | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|------------|------------|----------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| PEM        | PD091299.D | 4,4"-DDE #2          | Abdul     | 11/21/2025<br>8:30:14 AM | mohammad      | 11/22/2025<br>12:08:18 | Peak Integrated by Software |
| Q3483-21   | PD091304.D | Chlordane-2 #2       | Abdul     | 11/21/2025<br>8:30:09 AM | mohammad      | 11/22/2025<br>12:08:18 | Peak Integrated by Software |
| Q3483-21   | PD091304.D | Decachlorobiphenyl   | Abdul     | 11/21/2025<br>8:30:09 AM | mohammad      | 11/22/2025<br>12:08:18 | Peak Integrated by Software |
| Q3483-21   | PD091304.D | Tetrachloro-m-xylene | Abdul     | 11/21/2025<br>8:30:09 AM | mohammad      | 11/22/2025<br>12:08:18 | Peak Integrated by Software |
| PTOXCCC500 | PD091309.D | Toxaphene-1 #2       | Abdul     | 11/21/2025<br>8:30:05 AM | mohammad      | 11/22/2025<br>12:08:18 | Peak Integrated by Software |
| PTOXCCC500 | PD091309.D | Toxaphene-5          | Abdul     | 11/21/2025<br>8:30:05 AM | mohammad      | 11/22/2025<br>12:08:18 | Peak Integrated by Software |
| PTOXCCC500 | PD091309.D | Toxaphene-5 #2       | Abdul     | 11/21/2025<br>8:30:05 AM | mohammad      | 11/22/2025<br>12:08:18 | Peak Integrated by Software |
| PEM        | PD091319.D | 4,4"-DDE #2          | Abdul     | 11/21/2025<br>8:29:46 AM | mohammad      | 11/22/2025<br>12:08:18 | Peak Integrated by Software |
| PSTDCCC050 | PD091320.D | 4,4"-DDE #2          | Abdul     | 11/21/2025<br>8:29:32 AM | mohammad      | 11/22/2025<br>12:08:18 | Peak Integrated by Software |
| PSTDCCC050 | PD091320.D | Endrin ketone        | Abdul     | 11/21/2025<br>8:29:32 AM | mohammad      | 11/22/2025<br>12:08:18 | Peak Integrated by Software |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD111525**

|                          |                                                                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | rahul                                                                                                                                   | Review On         | 11/14/2025 3:12:58 PM              |
| Supervise By             | Sohil                                                                                                                                   | Supervise On      | 11/17/2025 2:14:18 PM              |
| SubDirectory             | PD111525                                                                                                                                | HP Acquire Method | HP Processing Method pd111525 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                        |                   |                                    |
| Tune/Reschk              | PP24942,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   | I.BLK         | PD091193.D     | 14 Nov 2025 20:01 | AR\AJ    | Ok     |
| 2   | PEM           | PD091194.D     | 14 Nov 2025 20:15 | AR\AJ    | Ok,M   |
| 3   | RESCHK        | PD091195.D     | 14 Nov 2025 20:43 | AR\AJ    | Ok     |
| 4   | PSTDICC100    | PD091196.D     | 14 Nov 2025 20:56 | AR\AJ    | Ok     |
| 5   | PSTDICC075    | PD091197.D     | 14 Nov 2025 21:10 | AR\AJ    | Ok     |
| 6   | PSTDICC050    | PD091198.D     | 14 Nov 2025 21:24 | AR\AJ    | Ok     |
| 7   | PSTDICC025    | PD091199.D     | 14 Nov 2025 21:37 | AR\AJ    | Ok     |
| 8   | PSTDICC005    | PD091200.D     | 14 Nov 2025 21:51 | AR\AJ    | Ok,M   |
| 9   | PCHLORICC1000 | PD091201.D     | 14 Nov 2025 22:04 | AR\AJ    | Ok     |
| 10  | PCHLORICC750  | PD091202.D     | 14 Nov 2025 22:18 | AR\AJ    | Ok     |
| 11  | PCHLORICC500  | PD091203.D     | 14 Nov 2025 22:32 | AR\AJ    | Ok     |
| 12  | PCHLORICC250  | PD091204.D     | 14 Nov 2025 22:46 | AR\AJ    | Ok,M   |
| 13  | PCHLORICC50   | PD091205.D     | 14 Nov 2025 22:59 | AR\AJ    | Ok,M   |
| 14  | PTOXICC1000   | PD091206.D     | 14 Nov 2025 23:13 | AR\AJ    | Ok     |
| 15  | PTOXICC750    | PD091207.D     | 14 Nov 2025 23:27 | AR\AJ    | Ok     |
| 16  | PTOXICC500    | PD091208.D     | 14 Nov 2025 23:40 | AR\AJ    | Ok     |
| 17  | PTOXICC250    | PD091209.D     | 14 Nov 2025 23:54 | AR\AJ    | Ok     |
| 18  | PTOXICC100    | PD091210.D     | 15 Nov 2025 00:08 | AR\AJ    | Ok     |
| 19  | PSTDICV050    | PD091211.D     | 15 Nov 2025 00:21 | AR\AJ    | Ok     |
| 20  | PCHLORICV050  | PD091212.D     | 15 Nov 2025 00:49 | AR\AJ    | Ok     |
| 21  | PTOXICV050    | PD091213.D     | 15 Nov 2025 01:30 | AR\AJ    | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD111525**

| Review By                | rahul                                                                                                                                   | Review On         | 11/14/2025 3:12:58 PM              |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | Sohil                                                                                                                                   | Supervise On      | 11/17/2025 2:14:18 PM              |
| SubDirectory             | PD111525                                                                                                                                | HP Acquire Method | HP Processing Method pd111525 8081 |
| STD. NAME                | STD REF.#                                                                                                                               |                   |                                    |
| Tune/Reschk              | PP24942,PP24651                                                                                                                         |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                         |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                                                                         |                   |                                    |
| LCS Standard             |                                                                                                                                         |                   |                                    |

|    |            |            |                   |       |      |
|----|------------|------------|-------------------|-------|------|
| 22 | I.BLK      | PD091214.D | 15 Nov 2025 01:44 | AR\AJ | Ok   |
| 23 | PEM        | PD091215.D | 15 Nov 2025 01:57 | AR\AJ | Ok,M |
| 24 | PSTDCCC050 | PD091216.D | 15 Nov 2025 02:11 | AR\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD112025**

|                          |                                                                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                   | Review On         | 11/21/2025 8:30:55 AM              |
| Supervise By             | mohammad                                                                                                                                | Supervise On      | 11/22/2025 12:08:18 AM             |
| SubDirectory             | PD112025                                                                                                                                | HP Acquire Method | HP Processing Method pd111525 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                        |                   |                                    |
| Tune/Reschk              | PP24942,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       | PD091297.D     | 20 Nov 2025 08:35 | AR\AJ    | Ok     |
| 2   | I.BLK        | PD091298.D     | 20 Nov 2025 08:49 | AR\AJ    | Ok     |
| 3   | PEM          | PD091299.D     | 20 Nov 2025 09:03 | AR\AJ    | Ok,M   |
| 4   | PSTDCCC050   | PD091300.D     | 20 Nov 2025 09:16 | AR\AJ    | Ok     |
| 5   | PCHLORCCC500 | PD091301.D     | 20 Nov 2025 09:49 | AR\AJ    | Ok     |
| 6   | PB170629BL   | PD091302.D     | 20 Nov 2025 10:43 | AR\AJ    | Ok     |
| 7   | PB170629BS   | PD091303.D     | 20 Nov 2025 11:26 | AR\AJ    | Ok     |
| 8   | Q3483-21     | PD091304.D     | 20 Nov 2025 11:40 | AR\AJ    | Ok,M   |
| 9   | PB170630BL   | PD091305.D     | 20 Nov 2025 12:09 | AR\AJ    | Ok     |
| 10  | I.BLK        | PD091306.D     | 20 Nov 2025 12:58 | AR\AJ    | Ok     |
| 11  | PSTDCCC050   | PD091307.D     | 20 Nov 2025 13:11 | AR\AJ    | Ok     |
| 12  | PCHLORCCC500 | PD091308.D     | 20 Nov 2025 13:25 | AR\AJ    | Ok     |
| 13  | PTOXCCC500   | PD091309.D     | 20 Nov 2025 14:09 | AR\AJ    | Ok,M   |
| 14  | Q3483-22     | PD091310.D     | 20 Nov 2025 15:13 | AR\AJ    | Ok,M   |
| 15  | PB170630BS   | PD091311.D     | 20 Nov 2025 16:15 | AR\AJ    | Ok,M   |
| 16  | I.BLK        | PD091312.D     | 20 Nov 2025 16:32 | AR\AJ    | Ok     |
| 17  | PSTDCCC050   | PD091313.D     | 20 Nov 2025 16:46 | AR\AJ    | Ok     |
| 18  | PTOXCCC500   | PD091314.D     | 20 Nov 2025 17:20 | AR\AJ    | Ok     |
| 19  | PB170651BL   | PD091315.D     | 20 Nov 2025 17:34 | AR\AJ    | Ok     |
| 20  | PB170651BS   | PD091316.D     | 20 Nov 2025 17:47 | AR\AJ    | Not Ok |
| 21  | Q3681-01     | PD091317.D     | 20 Nov 2025 18:01 | AR\AJ    | Ok,M   |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD112025**

| Review By                | Abdul                                                                                                                                   | Review On         | 11/21/2025 8:30:55 AM              |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | mohammad                                                                                                                                | Supervise On      | 11/22/2025 12:08:18 AM             |
| SubDirectory             | PD112025                                                                                                                                | HP Acquire Method | HP Processing Method pd111525 8081 |
| STD. NAME                | STD REF.#                                                                                                                               |                   |                                    |
| Tune/Reschk              | PP24942,PP24651                                                                                                                         |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                         |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                                                                         |                   |                                    |
| LCS Standard             |                                                                                                                                         |                   |                                    |

|    |             |            |                   |       |      |
|----|-------------|------------|-------------------|-------|------|
| 22 | I.BLK       | PD091318.D | 20 Nov 2025 18:15 | AR\AJ | Ok   |
| 23 | PEM         | PD091319.D | 20 Nov 2025 18:28 | AR\AJ | Ok,M |
| 24 | PSTDCCC050  | PD091320.D | 20 Nov 2025 18:42 | AR\AJ | Ok,M |
| 25 | Q3681-01MS  | PD091321.D | 20 Nov 2025 18:56 | AR\AJ | Ok,M |
| 26 | Q3681-01MSD | PD091322.D | 20 Nov 2025 19:09 | AR\AJ | Ok,M |
| 27 | Q3678-01    | PD091323.D | 20 Nov 2025 19:23 | AR\AJ | Ok,M |
| 28 | Q3686-01    | PD091324.D | 20 Nov 2025 19:36 | AR\AJ | Ok,M |
| 29 | I.BLK       | PD091325.D | 20 Nov 2025 19:50 | AR\AJ | Ok   |
| 30 | PSTDCCC050  | PD091326.D | 20 Nov 2025 20:04 | AR\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD111525**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | rahul    | Review On         | 11/14/2025 3:12:58 PM              |
| Supervise By | Sohil    | Supervise On      | 11/17/2025 2:14:18 PM              |
| SubDirectory | PD111525 | HP Acquire Method | HP Processing Method pd111525 8081 |

| STD. NAME                | STD REF.#                                                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP24942,PP24651                                                                                                                        |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764 |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                |
| Internal Standard/PEM    |                                                                                                                                        |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                |
| Surrogate Standard       |                                                                                                                                        |
| MS/MSD Standard          |                                                                                                                                        |
| LCS Standard             |                                                                                                                                        |

| Sr# | Sampleld      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | I.BLK         | I.BLK         | PD091193.D     | 14 Nov 2025 20:01 |         | AR\AJ    | Ok     |
| 2   | PEM           | PEM           | PD091194.D     | 14 Nov 2025 20:15 |         | AR\AJ    | Ok,M   |
| 3   | RESCHK        | RESCHK        | PD091195.D     | 14 Nov 2025 20:43 |         | AR\AJ    | Ok     |
| 4   | PSTDICC100    | PSTDICC100    | PD091196.D     | 14 Nov 2025 20:56 |         | AR\AJ    | Ok     |
| 5   | PSTDICC075    | PSTDICC075    | PD091197.D     | 14 Nov 2025 21:10 |         | AR\AJ    | Ok     |
| 6   | PSTDICC050    | PSTDICC050    | PD091198.D     | 14 Nov 2025 21:24 |         | AR\AJ    | Ok     |
| 7   | PSTDICC025    | PSTDICC025    | PD091199.D     | 14 Nov 2025 21:37 |         | AR\AJ    | Ok     |
| 8   | PSTDICC005    | PSTDICC005    | PD091200.D     | 14 Nov 2025 21:51 |         | AR\AJ    | Ok,M   |
| 9   | PCHLORICC1000 | PCHLORICC1000 | PD091201.D     | 14 Nov 2025 22:04 |         | AR\AJ    | Ok     |
| 10  | PCHLORICC750  | PCHLORICC750  | PD091202.D     | 14 Nov 2025 22:18 |         | AR\AJ    | Ok     |
| 11  | PCHLORICC500  | PCHLORICC500  | PD091203.D     | 14 Nov 2025 22:32 |         | AR\AJ    | Ok     |
| 12  | PCHLORICC250  | PCHLORICC250  | PD091204.D     | 14 Nov 2025 22:46 |         | AR\AJ    | Ok,M   |
| 13  | PCHLORICC50   | PCHLORICC50   | PD091205.D     | 14 Nov 2025 22:59 |         | AR\AJ    | Ok,M   |
| 14  | PTOXICC1000   | PTOXICC1000   | PD091206.D     | 14 Nov 2025 23:13 |         | AR\AJ    | Ok     |
| 15  | PTOXICC750    | PTOXICC750    | PD091207.D     | 14 Nov 2025 23:27 |         | AR\AJ    | Ok     |
| 16  | PTOXICC500    | PTOXICC500    | PD091208.D     | 14 Nov 2025 23:40 |         | AR\AJ    | Ok     |
| 17  | PTOXICC250    | PTOXICC250    | PD091209.D     | 14 Nov 2025 23:54 |         | AR\AJ    | Ok     |
| 18  | PTOXICC100    | PTOXICC100    | PD091210.D     | 15 Nov 2025 00:08 |         | AR\AJ    | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD111525**

| Review By                | rahul                                                                                                                                   | Review On         | 11/14/2025 3:12:58 PM              |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | Sohil                                                                                                                                   | Supervise On      | 11/17/2025 2:14:18 PM              |
| SubDirectory             | PD111525                                                                                                                                | HP Acquire Method | HP Processing Method pd111525 8081 |
| STD. NAME                | STD REF.#                                                                                                                               |                   |                                    |
| Tune/Reschk              | PP24942,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             |                                                                                                                                         |                   |                                    |

|    |              |                  |            |                   |       |      |
|----|--------------|------------------|------------|-------------------|-------|------|
| 19 | PSTDICV050   | ICVPD111525      | PD091211.D | 15 Nov 2025 00:21 | AR\AJ | Ok   |
| 20 | PCHLORICV050 | ICVPD111525CHLOR | PD091212.D | 15 Nov 2025 00:49 | AR\AJ | Ok   |
| 21 | PTOXICV050   | ICVPD111525TOX   | PD091213.D | 15 Nov 2025 01:30 | AR\AJ | Ok   |
| 22 | I.BLK        | I.BLK            | PD091214.D | 15 Nov 2025 01:44 | AR\AJ | Ok   |
| 23 | PEM          | PEM              | PD091215.D | 15 Nov 2025 01:57 | AR\AJ | Ok,M |
| 24 | PSTDCCC050   | PSTDCCC050       | PD091216.D | 15 Nov 2025 02:11 | AR\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_D

### Daily Analysis Runlog For Sequence/QC Batch ID # PD112025

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 11/21/2025 8:30:55 AM              |
| Supervise By | mohammad | Supervise On      | 11/22/2025 12:08:18 AM             |
| SubDirectory | PD112025 | HP Acquire Method | HP Processing Method pd111525 8081 |

| STD. NAME                | STD REF.#                                                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP24942,PP24651                                                                                                                        |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764 |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                |
| Internal Standard/PEM    |                                                                                                                                        |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                |
| Surrogate Standard       |                                                                                                                                        |
| MS/MSD Standard          |                                                                                                                                        |
| LCS Standard             |                                                                                                                                        |

| Sr# | SampleID     | ClientID           | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|--------------|--------------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE       | HEXANE             | PD091297.D     | 20 Nov 2025 08:35 |         | AR\AJ    | Ok     |
| 2   | I.BLK        | I.BLK              | PD091298.D     | 20 Nov 2025 08:49 |         | AR\AJ    | Ok     |
| 3   | PEM          | PEM                | PD091299.D     | 20 Nov 2025 09:03 |         | AR\AJ    | Ok,M   |
| 4   | PSTDCCC050   | PSTDCCC050         | PD091300.D     | 20 Nov 2025 09:16 |         | AR\AJ    | Ok     |
| 5   | PCHLORCCC500 | PCHLORCCC500       | PD091301.D     | 20 Nov 2025 09:49 |         | AR\AJ    | Ok     |
| 6   | PB170629BL   | PB170629BL         | PD091302.D     | 20 Nov 2025 10:43 |         | AR\AJ    | Ok     |
| 7   | PB170629BS   | PB170629BS         | PD091303.D     | 20 Nov 2025 11:26 |         | AR\AJ    | Ok     |
| 8   | Q3483-21     | HW1025-PT-CHLOR-S  | PD091304.D     | 20 Nov 2025 11:40 |         | AR\AJ    | Ok,M   |
| 9   | PB170630BL   | PB170630BL         | PD091305.D     | 20 Nov 2025 12:09 |         | AR\AJ    | Ok     |
| 10  | I.BLK        | I.BLK              | PD091306.D     | 20 Nov 2025 12:58 |         | AR\AJ    | Ok     |
| 11  | PSTDCCC050   | PSTDCCC050         | PD091307.D     | 20 Nov 2025 13:11 |         | AR\AJ    | Ok     |
| 12  | PCHLORCCC500 | PCHLORCCC500       | PD091308.D     | 20 Nov 2025 13:25 |         | AR\AJ    | Ok     |
| 13  | PTOXCCC500   | PTOXCCC500         | PD091309.D     | 20 Nov 2025 14:09 |         | AR\AJ    | Ok,M   |
| 14  | Q3483-22     | HW1025-PT-TXP-SOIL | PD091310.D     | 20 Nov 2025 15:13 |         | AR\AJ    | Ok,M   |
| 15  | PB170630BS   | PB170630BS         | PD091311.D     | 20 Nov 2025 16:15 |         | AR\AJ    | Ok,M   |
| 16  | I.BLK        | I.BLK              | PD091312.D     | 20 Nov 2025 16:32 |         | AR\AJ    | Ok     |
| 17  | PSTDCCC050   | PSTDCCC050         | PD091313.D     | 20 Nov 2025 16:46 |         | AR\AJ    | Ok     |
| 18  | PTOXCCC500   | PTOXCCC500         | PD091314.D     | 20 Nov 2025 17:20 |         | AR\AJ    | Ok     |



Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD112025**

|                          |                                                                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                   | Review On         | 11/21/2025 8:30:55 AM              |
| Supervise By             | mohammad                                                                                                                                | Supervise On      | 11/22/2025 12:08:18 AM             |
| SubDirectory             | PD112025                                                                                                                                | HP Acquire Method | HP Processing Method pd111525 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                        |                   |                                    |
| Tune/Reschk              | PP24942,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             |                                                                                                                                         |                   |                                    |

|    |             |                 |            |                   |                                |       |        |
|----|-------------|-----------------|------------|-------------------|--------------------------------|-------|--------|
| 19 | PB170651BL  | PB170651BL      | PD091315.D | 20 Nov 2025 17:34 |                                | AR\AJ | Ok     |
| 20 | PB170651BS  | PB170651BS      | PD091316.D | 20 Nov 2025 17:47 | No proper hits , recovery fail | AR\AJ | Not Ok |
| 21 | Q3681-01    | ETGI-354        | PD091317.D | 20 Nov 2025 18:01 |                                | AR\AJ | Ok,M   |
| 22 | I.BLK       | I.BLK           | PD091318.D | 20 Nov 2025 18:15 |                                | AR\AJ | Ok     |
| 23 | PEM         | PEM             | PD091319.D | 20 Nov 2025 18:28 |                                | AR\AJ | Ok,M   |
| 24 | PSTDCCC050  | PSTDCCC050      | PD091320.D | 20 Nov 2025 18:42 |                                | AR\AJ | Ok,M   |
| 25 | Q3681-01MS  | ETGI-354MS      | PD091321.D | 20 Nov 2025 18:56 |                                | AR\AJ | Ok,M   |
| 26 | Q3681-01MSD | ETGI-354MSD     | PD091322.D | 20 Nov 2025 19:09 |                                | AR\AJ | Ok,M   |
| 27 | Q3678-01    | COMPOSITE-STONE | PD091323.D | 20 Nov 2025 19:23 |                                | AR\AJ | Ok,M   |
| 28 | Q3686-01    | FAIRLAWN-GRAVEL | PD091324.D | 20 Nov 2025 19:36 |                                | AR\AJ | Ok,M   |
| 29 | I.BLK       | I.BLK           | PD091325.D | 20 Nov 2025 19:50 |                                | AR\AJ | Ok     |
| 30 | PSTDCCC050  | PSTDCCC050      | PD091326.D | 20 Nov 2025 20:04 |                                | AR\AJ | Ok     |

M : Manual Integration

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/30/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:15  
In Date: 10/29/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:20  
Out Date: 10/30/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137700

| Lab ID   | Client SampleID         | Dish # | Dish Wt (g) (A) | Sample Wt (g) | Dish + Sample Wt (g) (B) | Dish+Dry Sample Wt (g) (C) | % Solid | Comments         |
|----------|-------------------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|------------------|
| Q3368-13 | OUTSIDE-DUMPSTER        | 1      | 1.12            | 10.63         | 11.75                    | 8.28                       | 67.4    |                  |
| Q3368-14 | PRESS-SLUDGE            | 2      | 1.18            | 10.30         | 11.48                    | 7.89                       | 65.1    |                  |
| Q3482-01 | WC-1                    | 37     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | Concreate sample |
| Q3482-02 | WC-2                    | 38     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | Concreate sample |
| Q3482-03 | WC-3                    | 39     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | Concreate sample |
| Q3482-04 | WC-4                    | 40     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | Concreate sample |
| Q3482-05 | WC-5                    | 41     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | Concreate sample |
| Q3482-06 | WC-6                    | 42     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | Concreate sample |
| Q3482-07 | WC-7                    | 43     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | Concreate sample |
| Q3483-01 | HW1025-PT-AN-SOIL       | 3      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-02 | HW1025-PT-CORR-SOIL     | 4      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-03 | HW1025-PT-CN-SOIL       | 5      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-04 | HW1025-PT-CN-SOIL       | 6      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-05 | HW1025-PT-FP-SOIL       | 7      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-06 | HW1025-PT-CR6-SOIL      | 8      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-07 | HW1025-PT-NUT-SOIL      | 9      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-08 | HW1025-PT-NUT-SOIL      | 10     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-09 | HW1025-PT-OGF-SOIL      | 11     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-10 | HW1025-PT-MET-SOIL      | 12     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-11 | HW1025-PT-BNA-SOIL      | 13     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-12 | HW1025-PT-TRIAZINE-SOIL | 14     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-13 | HW1025-PT-PAH-SOIL      | 15     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-14 | HW1025-PT-DIES-SOIL     | 16     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-15 | HW1025-PT-GAS-SOIL      | 17     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-16 | HW1025-PT-NJEPH-SOIL    | 18     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-17 | HW1025-PT-HERB-SOIL     | 19     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-18 | HW1025-PT-PCB-SOIL      | 20     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |
| Q3483-19 | HW1025-PT-PCBO-SOIL     | 21     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                  |

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/30/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:15  
In Date: 10/29/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:20  
Out Date: 10/30/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137700

| Lab ID   | Client SampleID      | Dish # | Dish Wt (g) (A) | Sample Wt (g) | Dish + Sample Wt (g) (B) | Dish+Dry Sample Wt (g) (C) | % Solid | Comments |
|----------|----------------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|----------|
| Q3483-20 | HW1025-PT-PEST-SOIL  | 22     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |          |
| Q3483-21 | HW1025-PT-CHLOR-SOIL | 23     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |          |
| Q3483-22 | HW1025-PT-TXP-SOIL   | 24     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |          |
| Q3483-23 | HW1025-PT-VOA-SOIL   | 25     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |          |
| Q3483-25 | HW1025-PT-NO2-SOIL   | 26     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |          |
| Q3485-01 | TR-04-102924         | 27     | 1.15            | 10.30         | 11.45                    | 10.84                      | 94.1    |          |
| Q3485-02 | TR-04-102924-E2      | 28     | 1.19            | 10.30         | 11.49                    | 10.77                      | 93.0    |          |
| Q3486-01 | TP3                  | 29     | 1.17            | 10.45         | 11.62                    | 11.07                      | 94.7    |          |
| Q3486-02 | TP3-E2               | 30     | 1.18            | 10.40         | 11.58                    | 11.11                      | 95.5    |          |
| Q3486-03 | TP4                  | 31     | 1.19            | 10.23         | 11.42                    | 9.93                       | 85.4    |          |
| Q3486-04 | TP4-E2               | 32     | 1.17            | 10.52         | 11.69                    | 10.09                      | 84.8    |          |
| Q3486-05 | TP5                  | 33     | 1.17            | 10.65         | 11.82                    | 10.02                      | 83.1    |          |
| Q3486-06 | TP5-E2               | 34     | 1.17            | 10.15         | 11.32                    | 9.39                       | 81.0    |          |
| Q3486-07 | TP6                  | 35     | 1.13            | 10.25         | 11.38                    | 10.16                      | 88.1    |          |
| Q3486-08 | TP6-E2               | 36     | 1.16            | 10.48         | 11.64                    | 10.32                      | 87.4    |          |

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

# WORKLIST(Hardcopy Internal Chain)

137100

WorkList Name : %1-102925

WorkList ID : 192745

Department : Wet-Chemistry

Date : 10-29-2025 07:47:12

| Sample   | Customer Sample         | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-------------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3368-13 | OUTSIDE-DUMPSTER        | Solid  | Percent Solids | Cool 4 deg C | ARAM01   | D41                         | 10/16/2025   | Chemtech -SO |
| Q3368-14 | PRESS-SLUDGE            | Solid  | Percent Solids | Cool 4 deg C | ARAM01   | D41                         | 10/16/2025   | Chemtech -SO |
| Q3482-01 | WC-1                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3482-02 | WC-2                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3482-03 | WC-3                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3482-04 | WC-4                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3482-05 | WC-5                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3482-06 | WC-6                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3482-07 | WC-7                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3483-01 | HW1025-PT-AN-SOIL       | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-02 | HW1025-PT-CORR-SOIL     | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-03 | HW1025-PT-CN-SOIL       | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-04 | HW1025-PT-CN-SOIL       | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-05 | HW1025-PT-FP-SOIL       | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-06 | HW1025-PT-CR6-SOIL      | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-07 | HW1025-PT-NUT-SOIL      | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-08 | HW1025-PT-NUT-SOIL      | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-09 | HW1025-PT-OGR-SOIL      | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-10 | HW1025-PT-MET-SOIL      | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-11 | HW1025-PT-BNA-SOIL      | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-12 | HW1025-PT-TRIAZINE-SOIL | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |

Date/Time

10/29/25 15:00

Raw Sample Received by:

SWC

Raw Sample Relinquished by:

ALSM

Q3483-PESTICIDE Group2

Date/Time

10/29/25

17:30

Raw Sample Received by:

ALSM

Raw Sample Relinquished by:

SWC

# WORKLIST(Hardcopy Internal Chain)

W137700

WorkList Name : %1-102925

WorkList ID : 192745

Department : Wet-Chemistry

Date : 10-29-2025 07:47:12

| Sample   | Customer Sample      | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|----------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3483-13 | HW1025-PT-PAH-SOIL   | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-14 | HW1025-PT-DIES-SOIL  | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-15 | HW1025-PT-GAS-SOIL   | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-16 | HW1025-PT-NJEPH-SOIL | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-17 | HW1025-PT-HERB-SOIL  | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-18 | HW1025-PT-PCB-SOIL   | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-19 | HW1025-PT-PCBO-SOIL  | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-20 | HW1025-PT-PEST-SOIL  | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-21 | HW1025-PT-CHLOR-SOIL | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-22 | HW1025-PT-TXP-SOIL   | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-23 | HW1025-PT-VOA-SOIL   | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-25 | HW1025-PT-NO2-SOIL   | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3485-01 | TR-04-102924         | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3485-02 | TR-04-102924-E2      | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-01 | TP3                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-02 | TP3-E2               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-03 | TP4                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-04 | TP4-E2               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-05 | TP5                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-06 | TP5-E2               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-07 | TP6                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

# WORKLIST(Hardcopy Internal Chain)

UP 137700

WorkList Name : %1-102925

WorkList ID : 192745

Department : Wet-Chemistry

Date : 10-29-2025 07:47:12

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample<br>Storage<br>Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------------|--------------|--------------|
| Q3486-08 | TP6-E2          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                               | 10/29/2025   | Chemtech -SO |

Date/Time

10/29/25 151.00

Raw Sample Received by:

EB WCI

Raw Sample Relinquished by:

CP (SM)

Q3483-PESTICIDE Group2

Date/Time

10/29/25 171.30

Raw Sample Received by:

CP (SM)

Raw Sample Relinquished by:

EB aolc

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/31/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:15  
In Date: 10/30/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:20  
Out Date: 10/31/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137714

| Lab ID   | Client SampleID    | Dish # | Dish Wt (g) (A) | Sample Wt (g) | Dish + Sample Wt (g) (B) | Dish+Dry Sample Wt (g) (C) | % Solid | Comments        |
|----------|--------------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|-----------------|
| Q3483-24 | HW1025-PT-SOL-SOIL | 1      | 1.16            | 10.70         | 11.86                    | 9.24                       | 75.5    |                 |
| Q3487-01 | KZZ294Z-A          | 2      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3487-02 | KZZ294Z-B          | 3      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3487-03 | KZZ256R-A          | 4      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3487-04 | KZZ256R-B          | 5      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3487-05 | JEH623H-A          | 6      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3487-06 | JEH623H-B          | 7      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3487-07 | M3-A               | 8      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3487-08 | M3-B               | 9      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3488-01 | MOO-25-0294-0298   | 10     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | Concrete sample |
| Q3488-02 | MOO-25-0299        | 11     | 1.15            | 10.33         | 11.48                    | 10.88                      | 94.2    |                 |
| Q3488-04 | MOO-25-0302-0310   | 12     | 1.18            | 10.45         | 11.63                    | 10.08                      | 85.2    |                 |
| Q3488-05 | MOO-25-0302-0310   | 13     | 1.15            | 10.46         | 11.61                    | 10.7                       | 91.3    |                 |
| Q3488-06 | MOO-25-0311-0313   | 46     | 1.15            | 10.37         | 11.52                    | 10.64                      | 91.5    |                 |
| Q3489-01 | 245F72-A           | 14     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-02 | 245F72-B           | 15     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-03 | L54-A              | 16     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-04 | L54-B              | 17     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-05 | L55-A              | 18     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-06 | L55-A              | 19     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-07 | L56-A              | 20     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-08 | L56-B              | 21     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-09 | L57-A              | 22     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-10 | L57-B              | 23     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-11 | L58-A              | 24     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-12 | L58-2              | 25     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-13 | L59-A              | 26     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |
| Q3489-14 | L59-B              | 27     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PILC            |



# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/31/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:15  
In Date: 10/30/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:20  
Out Date: 10/31/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137714

| Lab ID   | Client SampleID    | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments    |
|----------|--------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-------------|
| Q3489-15 | L60-A              | 28     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-16 | L60-B              | 29     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-17 | L61-A              | 30     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-18 | L61-B              | 31     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-19 | L62-A              | 32     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-20 | L62-B              | 33     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-21 | L63-A              | 34     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-22 | L63-B              | 35     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-23 | L64-A              | 36     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-24 | L64-B              | 37     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-25 | L65-A              | 38     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-26 | L65-B              | 39     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-27 | STC21-A            | 40     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-28 | STC21-B            | 41     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-29 | STF24-A            | 42     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-30 | STF24-B            | 43     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3490-01 | LAW-25-0151        | 44     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oily-debris |
| Q3491-01 | SOIL-CUTTINGS-COMP | 45     | 1.18           | 10.80        | 11.98                   | 9.13                      | 73.6    |             |
| Q3495-01 | SB-1025-1          | 47     | 1.19           | 10.24        | 11.43                   | 8.99                      | 76.2    |             |
| Q3495-02 | SB-1025-2          | 48     | 1.14           | 10.43        | 11.57                   | 8.97                      | 75.1    |             |
| Q3496-01 | DRILL-CUTTINGS     | 49     | 1.19           | 10.61        | 11.8                    | 10.33                     | 86.1    |             |
| Q3496-02 | DRILL-CUTTINGS-E2  | 50     | 1.13           | 10.49        | 11.62                   | 10.11                     | 85.6    |             |
| Q3497-01 | OK-01-103025       | 51     | 1.13           | 10.93        | 12.06                   | 10.37                     | 84.5    |             |
| Q3497-02 | OK-01-103025-E2    | 52     | 1.19           | 10.59        | 11.78                   | 10.25                     | 85.6    |             |

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



# WORKLIST(Hardcopy Internal Chain)

UB 137714

WorkList Name : %1-103025

WorkList ID : 192793

Department : Wet-Chemistry

Date : 10-30-2025 10:50:32

| Sample   | Customer Sample    | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|--------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3483-24 | HW1025-PT-SOL-SOIL | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3487-01 | KZZ294Z-A          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-02 | KZZ294Z-B          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-03 | KZZ256R-A          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-04 | KZZ256R-B          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-05 | JEH623H-A          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-06 | JEH623H-B          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-07 | M3-A               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-08 | M3-B               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3488-01 | MOO-25-0294-0298   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3488-02 | MOO-25-0299        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3488-04 | MOO-25-0302-0310   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3488-05 | MOO-25-0302-0310   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3488-06 | MOO-25-0311-0313   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-01 | 245F72-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-02 | 245F72-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-03 | L54-A              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-04 | L54-B              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-05 | L55-A              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-06 | L55-A              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-07 | L56-A              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |

Date/Time 10/30/25 15:00

Raw Sample Received by: JO (WC)

Raw Sample Relinquished by: RJ (L54-V66)

Q3483-PESTICIDE Group2

Date/Time 10/30/25 17:30

Raw Sample Received by: RJ (L54-V66)

Raw Sample Relinquished by: JO (WC)

# WORKLIST(Hardcopy Internal Chain)

WB 137714

WorkList Name : %1-103025

WorkList ID : 192793

Department : Wet-Chemistry

Date : 10-30-2025 10:50:32

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3489-08 | L56-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-09 | L57-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-10 | L57-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-11 | L58-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-12 | L58-2           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-13 | L59-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-14 | L59-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-15 | L60-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-16 | L60-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-17 | L61-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-18 | L61-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-19 | L62-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-20 | L62-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-21 | L63-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-22 | L63-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-23 | L64-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-24 | L64-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-25 | L65-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-26 | L65-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-27 | STC21-A         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-28 | STC21-B         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |

Date/Time 10/30/25 15:00

Raw Sample Received by: JO WCI

Raw Sample Relinquished by: RJ CELL-1466)

Q3483-PESTICIDE Group2

Date/Time 10/30/25 17:30

Raw Sample Received by: RJ CELL-1466)

Raw Sample Relinquished by: JO WCI

# WORKLIST(Hardcopy Internal Chain)

UB 13FF14

WorkList Name : %1-103025

WorkList ID : 192793

Department : Wet-Chemistry

Date : 10-30-2025 10:50:32

| Sample   | Customer Sample    | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|--------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3489-29 | STF24-A            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-30 | STF24-B            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3490-01 | LAW-25-0151        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3491-01 | SOIL-CUTTINGS-COMP | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3495-01 | SB-1025-1          | Solid  | Percent Solids | Cool 4 deg C | REMI02   | D51                         | 10/27/2025   | Chemtech -SO |
| Q3495-02 | SB-1025-2          | Solid  | Percent Solids | Cool 4 deg C | REMI02   | D51                         | 10/27/2025   | Chemtech -SO |
| Q3496-01 | DRILL-CUTTINGS     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | Chemtech -SO |
| Q3496-02 | DRILL-CUTTINGS-E2  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | Chemtech -SO |
| Q3497-01 | OK-01-103025       | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 10/30/2025   | Chemtech -SO |
| Q3497-02 | OK-01-103025-E2    | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 10/30/2025   | Chemtech -SO |

Date/Time 10/30/25 15:00  
 Raw Sample Received by: SB WLC  
 Raw Sample Relinquished by: RJ (EIT-106)  
 Q3483-PESTICIDE Group2

Date/Time 10/30/25 17:30  
 Raw Sample Received by: RJ (EIT-106)  
 Raw Sample Relinquished by: SB WLC  
 135 of 195

**SOP ID:** M3541-ASE Extraction-15

**Clean Up SOP #:** Florisil

**Matrix :** Solid

**Weigh By:** EH

**Balance check:** EH

**Balance ID:** EX-SC-2

**pH Strip Lot#:** N/A

**Extraction By:** RJ

**Filter By:** RJ

**pH Meter ID:** N/A

**Hood ID:** 3,7

**Extraction Start Date :** 11/19/2025

**Extraction Start Time :** 09:15

**Extraction End Date :** 11/19/2025

**Extraction End Time :** 12:15

**Concentration By:** EH

**Supervisor By :** RUPESH

**Extraction Method:** ☐ Separatory Funnel ☐ Continuous 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 2   | 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 |
|----------------------------|----------------|------------|
| Hexane/Acetone/1:1         | N/A            | EP2660     |
| Baked Na2SO4               | N/A            | EP2655     |
| Sand                       | N/A            | E3951      |
| Hexane                     | N/A            | E3984      |
| Florisil                   | N/A            | E3976      |
| 9:1 Hexane:Acetone Mixture | N/A            | EP2644     |
| 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:** N/A

**KD Bath Temperature:** N/A

**Envap ID:** N-EVAP-02

**Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 11/19/25    | RS (Ext-Lab)                            | RS (Ext-Lab)         |
| 12:20       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/19/2025

| Sample ID  | Client Sample ID     | Test                | g/ mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|------------|----------------------|---------------------|-------|-----|----------------|------------|--------------------|-------|----------|-------------|
|            |                      |                     |       |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB170629BL | PBLK629              | PESTICIDE<br>Group2 | 30.01 | N/A | ritesh         | Evelyn     | 10                 |       |          | U6-1        |
| PB170629BS | PLCS629              | PESTICIDE<br>Group2 | 30.03 | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q3483-21   | HW1025-PT-CHLOR-SOIL | PESTICIDE<br>Group2 | 30.10 | N/A | ritesh         | Evelyn     | 10                 | A     |          | 3           |

*[Large handwritten signature/initials across the page]*

*Rs*  
*11/19*

\* Extracts relinquished on the same date as received.



170629  
9:15

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3483

WorkList ID : 193214

Department : Extraction

Date : 11-19-2025 08:36:24

| Sample   | Customer Sample      | Matrix | Test             | Preservative | Customer | Raw Sample<br>Storage<br>Location | Collect Date | Method |
|----------|----------------------|--------|------------------|--------------|----------|-----------------------------------|--------------|--------|
| Q3483-21 | HW1025-PT-CHLOR-SOIL | Solid  | PESTICIDE Group2 | Cool 4 deg C | ALLI03   | QA Of                             | 10/27/2025   | 8081B  |
| Q3483-22 | HW1025-PT-TXP-SOIL   | Solid  | PESTICIDE Group3 | Cool 4 deg C | ALLI03   | QA Of                             | 10/27/2025   | 8081B  |

Date/Time 11/19/25 9:10  
Raw Sample Received by: RJ (EXLAB)  
Raw Sample Relinquished by: OP SM

Date/Time 11/19/25 9:20  
Raw Sample Received by: OP SM  
Raw Sample Relinquished by: RJ (EXLAB)

## Prep Standard - Chemical Standard Summary

**Order ID :** Q3483  
**Test :** PESTICIDE Group2  
**Prepbatch ID :** PB170629,  
**Sequence ID/Qc Batch ID:** pd112025,

**Standard ID :**  
EP2655,EP2660,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,PP24925,PP24942,

**Chemical ID :**  
E3875,E3941,E3944,E3951,E3956,E3965,E3971,E3976,E3984,P12604,P12610,P13038,P13041,P13196,P13246,P13774,P13780,P13786,P13788,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>            |
|------------------|----------------------|------------------------|------------------|------------------------|--------------------|---------------------------------|------------------|---------------------------------|
| 3923             | Baked Sodium Sulfate | <a href="#">EP2655</a> | 10/24/2025       | 01/28/2026             | RUPESHKUMAR SHAH   | Extraction_SCALE_2<br>(EX-SC-2) | None             | Riteshkumar Patel<br>10/24/2025 |

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

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>            |
|------------------|-------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|---------------------------------|
| 230              | 1:1ACETONE/HEXANE | <a href="#">EP2660</a> | 11/03/2025       | 05/03/2026             | RUPESHKUMAR SHAH   | None           | None             | Riteshkumar Patel<br>11/03/2025 |

**FROM**



## 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> |
|------------------|-----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1501             | 1000 ppb CHLORDANE SPIKE (RESTEK) | <a href="#">PP24925</a> | 09/08/2025       | 01/21/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                   |                         |                  |                        |                    |                |                  | 09/17/2025           |

**FROM** 0.10000ml of P12610 + 99.90000ml of E3965 = 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> |
|------------------|----------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 758              | PEM Mix w/Surr | <a href="#">PP24942</a> | 09/24/2025       | 03/24/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                |                         |                  |                        |                    |                |                  | 10/10/2025           |

**FROM** 1.00000ml of P13780 + 99.00000ml of E3971 = Final Quantity: 100.000 ml

## CHEMICAL RECEIPT LOG BOOK

| Supplier                    | ItemCode / ItemName                                    | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-----------------------------|--------------------------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| PCI Scientific Supply, Inc. | PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1 | 417203 | 07/28/2026      | 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 | 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          |

| Supplier         | ItemCode / ItemName                      | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-3382-05 / Sand, Purified (cs/4x2.5kg) | 25A2756718 | 12/31/2028      | 07/09/2025 / RUPESH     | 04/28/2020 / RUPESH         | E3951          |

| Supplier         | ItemCode / ItemName                       | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 25C0362005 | 04/30/2026      | 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-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 05/24/2027      | 08/22/2025 / RUPESH     | 08/20/2025 / RUPESH         | E3965          |



## 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      | 09/15/2025 / Evelyn     | 09/04/2025 / Riteshkumar    | E3971          |

| Supplier                | ItemCode / ItemName                  | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-------------------------|--------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Agela Technologies Inc. | FS0006 / Cleanert Florisil cartridge | M07456 | 04/03/2026      | 10/03/2025 / Evelyn     | 10/03/2025 / Evelyn         | E3976          |

| 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) | 25C0362006 | 04/30/2026      | 11/06/2025 / RUPESH     | 11/05/2025 / RUPESH         | E3984          |

| 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         |

| 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         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                                                             | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul | 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         |

| Supplier | ItemCode / ItemName                                      | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32074 / Pesticide Performance Evaluation Mix w/Surrogate | A0213999 | 03/24/2026      | 09/24/2025 / Abdul      | 11/19/2024 / Ankita         | P13780         |

| 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         |

### 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 | 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   | 32005 / Toxaphene Standard | A0210240 | 01/21/2026      | 07/21/2025 / Abdul      | 12/09/2024 / Abdul          | P13862         |

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

Acetone  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

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



**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                  |

*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

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|                      |                                |
|----------------------|--------------------------------|
| Material             | BDH9274-2.5KG                  |
| Material Description | BDH SAND STDD OTTAWA W+I 2.5KG |
| Grade                | NOT APPLICABLE                 |
| Batch                | 25A2756718                     |
| Reassay Date         | 12/31/2028                     |
| CAS Number           | 14808-60-7                     |
| Molecular Formula    | SiO <sub>2</sub>               |
| Molecular Mass       | 60.09                          |
| Date of Manufacture  | 12/05/2024                     |
| Storage              | Room Temperature               |

| Characteristics               | Specifications  | Measured Values |
|-------------------------------|-----------------|-----------------|
| Appearance                    | Beige granules. | Beige granules. |
| Moisture                      | <= 0.1 %        | 0.1 %           |
| Particle Size 30-40 mesh      | >= 80 %         | 99 %            |
| CUSTOMER PART # BDH9274-2.5KG |                 |                 |

*Received on 1/12/25.*

**E3951**

Internal ID #: 793

| Signature                                                                                                                                                                                                                                                                                                   | Additional Information                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>We certify that this batch conforms to the specifications listed above.</p> <p>This document has been electronically produced and is valid without a signature.</p> <p>Leona Edwardson, Quality Control Sr. Manager - Solon<br/> VWR Chemicals, LLC.<br/> 28600 Fountain Parkway, Solon OH 44139 USA</p> | <p>Analysis may have been rounded to significant digits in specification limits</p> <p>Product meets analytical specifications of the grades listed.</p> |



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

E3971

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



**Cleanert Florisil**

1g/6ml 30/pkg

LOT#:M07456

MFG#:G02147



**CAT#FS0006**



固相萃取产品

Made in China

Agela Technologies

E 3976



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

avantor™



Material No.: 9262-03  
Batch No.: 25C0362006  
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) | $\leq 5$       | 4           |
| 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 | 0.2 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 11/5/25

E3984

Jamie Croak  
Director Quality Operations, Bioscience Production



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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



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

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

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

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

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

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

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

**Ship:** Ambient

P130397 5  
↓  
P13043 1  
✓  
12-26-2023

### CERTIFIED VALUES

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

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

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

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

P 13039  
 ↓  
 P 13043  
 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.)

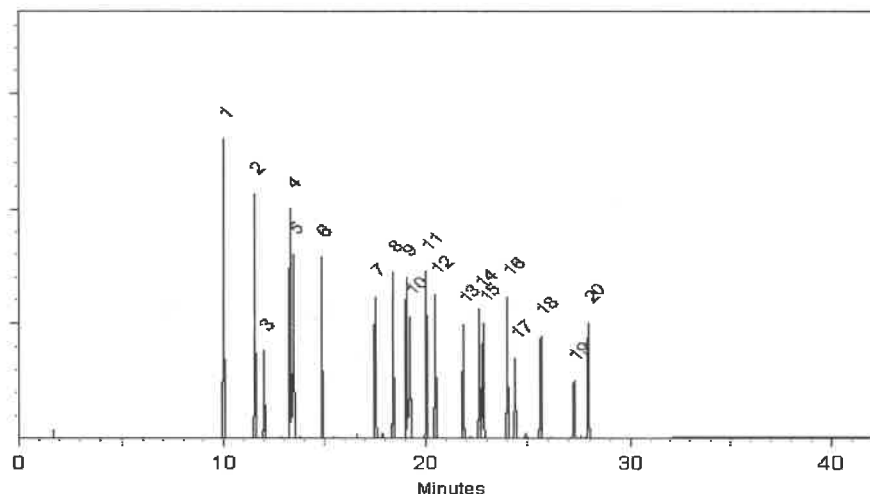
**Inj. Temp:**  
 200°C

**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





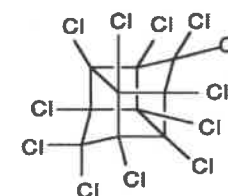
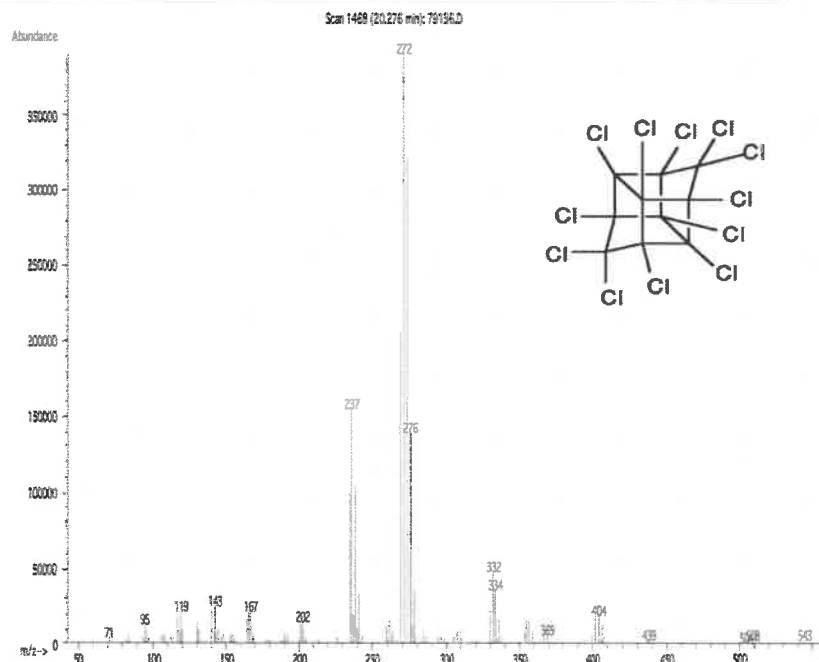
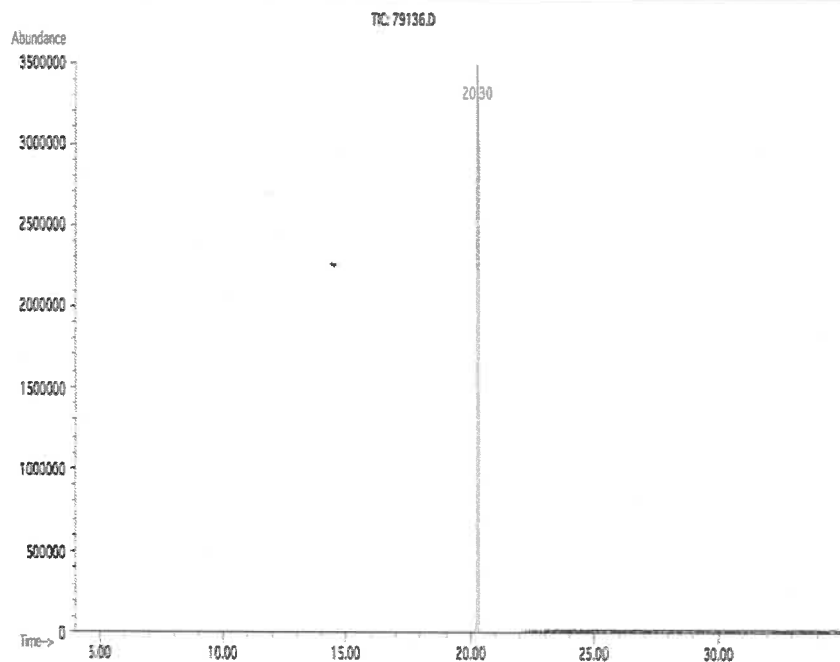
## CERTIFIED WEIGHT REPORT

Part Number: **79136**  
Lot Number: **042022**  
Description: **Mirex**Solvent(s):  
Acetone Lot#  
81025Expiration Date: **042027**  
Recommended Storage: **Refrigerate (4 °C)**  
Nominal Concentration (µg/mL): **1000**  
NIST Test ID#: **6UTB**Weight(s) shown below were combined and diluted to (mL): **50.0**  
5E-05 Balance Uncertainty  
0.006 Flask Uncertainty

|                         |                  |        |
|-------------------------|------------------|--------|
| <i>Prashant Chauhan</i> |                  | 042022 |
| Formulated By:          | Prashant Chauhan | DATE   |
| <i>Pedro L. Rentas</i>  |                  | 042022 |
| Reviewed By:            | Pedro L. Rentas  | DATE   |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight (g) | Actual Weight (g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) |                |                  |
|----------|-----|------------|----------------------|------------|--------------------|-------------------|-------------------|---------------------|------------------------------------|--------------------------------------------------------|----------------|------------------|
|          |     |            |                      |            |                    |                   |                   |                     |                                    | CAS#                                                   | OSHA PEL (TWA) | LD50             |
| 1. Mirex | 437 | 9492400    | 1000                 | 99.4       | 0.5                | 0.05034           | 0.05040           | 1001.1              | 10.3                               | 2385-85-5                                              | N/A            | 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.



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

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

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

P 12603  
↓  
P 12605  
[3]  
Kauf  
7/3/2023

### CERTIFIED VALUES

| Elution Order | Compound                                                              | CAS #   | Lot #  | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|-----------------------------------------------------------------------|---------|--------|--------|-----------------------------|----------------------------------------|
| 1             | Chlordane<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:**

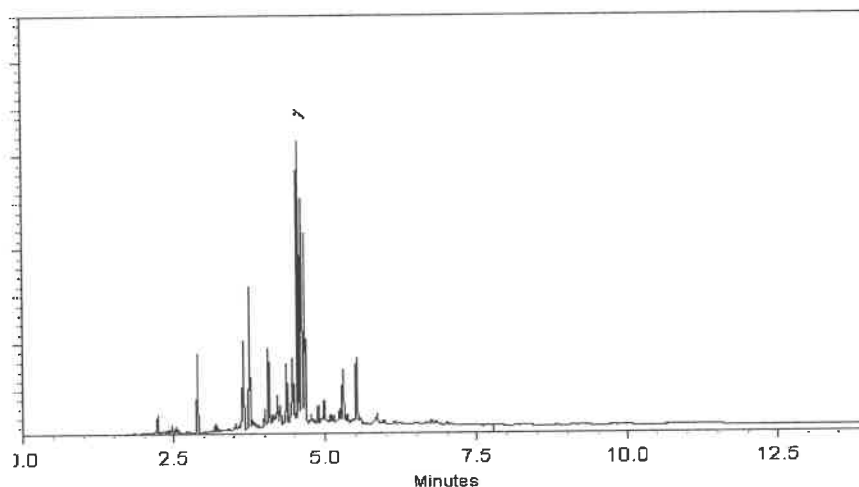
ECD

**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

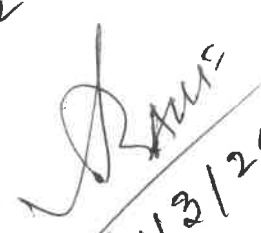
Date Mixed: 11-May-2023

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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## CERTIFIED REFERENCE MATERIAL

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

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

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

P 12606  
P 12610  
5 Five  
7/3/2023

### CERTIFIED VALUES

| Elution Order | Compound                                                              | CAS #   | Lot #  | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty* (95% C.L.; K=2) |
|---------------|-----------------------------------------------------------------------|---------|--------|--------|-----------------------------|---------------------------------------|
| 1             | Chlordane<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:**

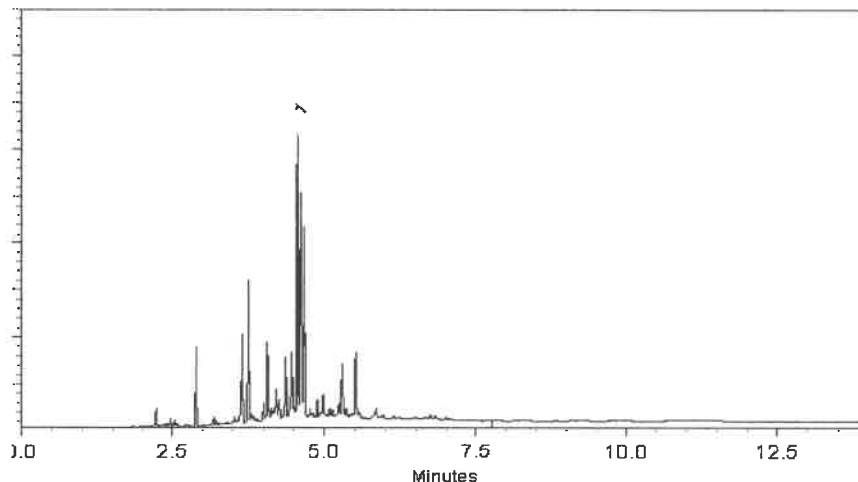
ECD

**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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### 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.)

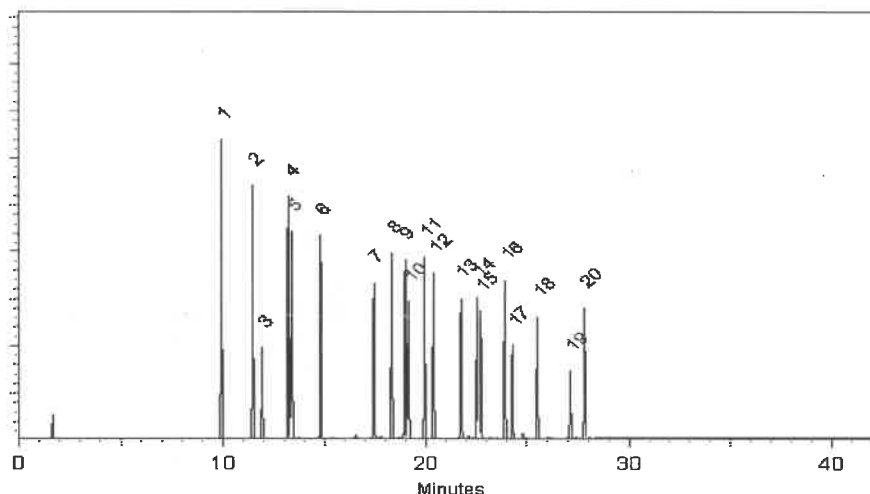
**Inj. Temp:**  
200°C

**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

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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.:** 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  
AJ  
11/19/24

05-06-2024



## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

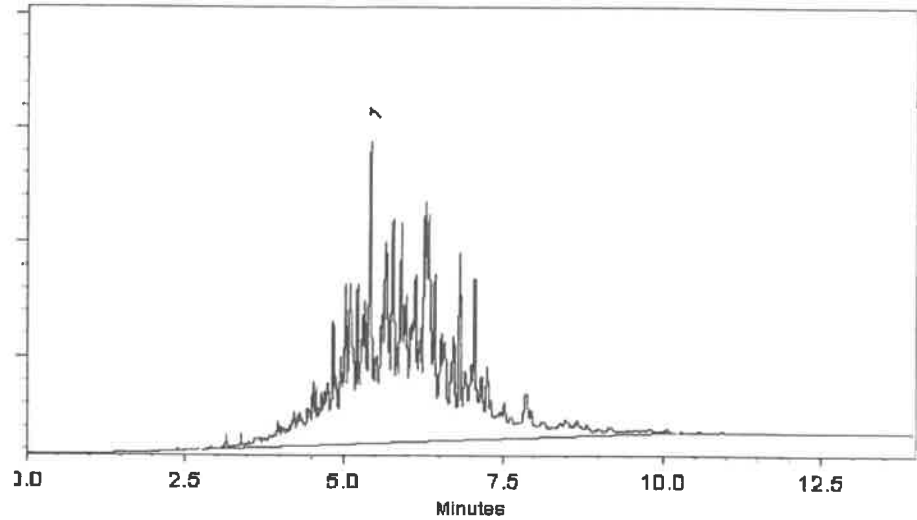
ECD

**Split Vent:**

300 ml/min.

**Inj. Vol**

0.2µl



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

  
Dakota Parson - Operations Technician I

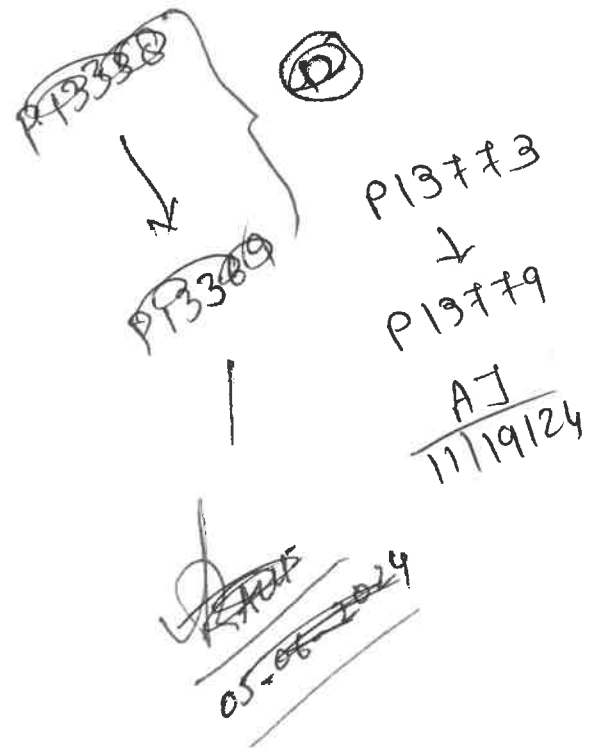
Date Mixed: 10-Oct-2023

Balance Serial # 1128353505

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Oct-2023

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

  
Handwritten notes and signatures are present at the bottom of the page. On the left, there is a bracketed list of two items: 'P13388' and 'P13389', with an arrow pointing from the first to the second. To the right of this, there is a circled 'D'. Further right, there is a handwritten note: 'P13773' followed by a downward arrow, then 'P13779', and then 'AJ' over '11/19/24'. At the bottom, there is a signature and the date '05-06-2024'.



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 32074 **Lot No.:** A0213999

**Description :** Pesticide Performance Eval Mix w/Surrogate

Performance Evaluation Std. 3/90 SOW w/surrogates 1-25µg/mL, Hexane, 1mL/ampul

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

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

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

P13780  
↓  
P13784  
AJ  
11/19/20

## 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%    | 2.0 µg/mL                   | +/- 0.1506                             |
| 2             | alpha-BHC                    | 319-84-6  | 15279000  | 99%    | 1.0 µg/mL                   | +/- 0.0749                             |
| 3             | gamma-BHC (Lindane)          | 58-89-9   | 14931300  | 97%    | 1.0 µg/mL                   | +/- 0.0756                             |
| 4             | beta-BHC                     | 319-85-7  | BCCC6425  | 99%    | 1.0 µg/mL                   | +/- 0.0749                             |
| 5             | Endrin                       | 72-20-8   | 15076100  | 98%    | 5.0 µg/mL                   | +/- 0.3769                             |
| 6             | 4,4'-DDT                     | 50-29-3   | 231103JLM | 97%    | 10.0 µg/mL                  | +/- 0.7512                             |
| 7             | Methoxychlor                 | 72-43-5   | 14979500  | 98%    | 24.8 µg/mL                  | +/- 1.8543                             |
| 8             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30638     | 99%    | 2.0 µg/mL                   | +/- 0.1513                             |

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

**Solvent:** Hexane  
**CAS #** 110-54-3  
**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 .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:

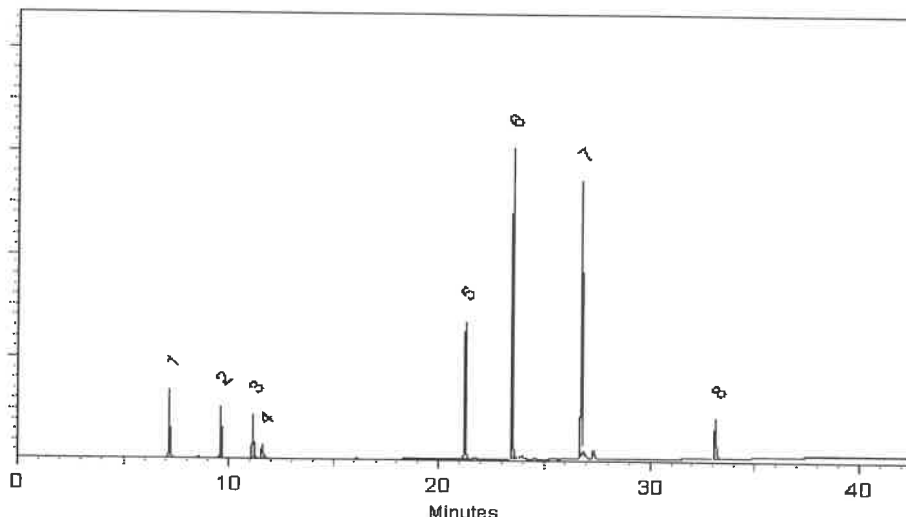
ECD

### 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.

*Malina Homan*  
Malina Homan - Operations Technician I

Date Mixed: 17-Jul-2024

Balance Serial # 1128353505

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

Date Passed: 31-Jul-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. :** 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:**

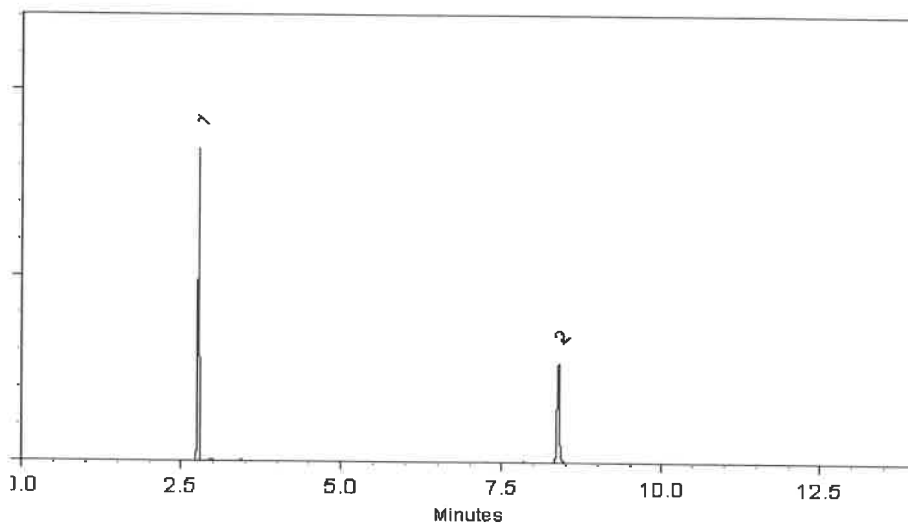
ECD

**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



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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



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

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

**Catalog No. :** 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:**

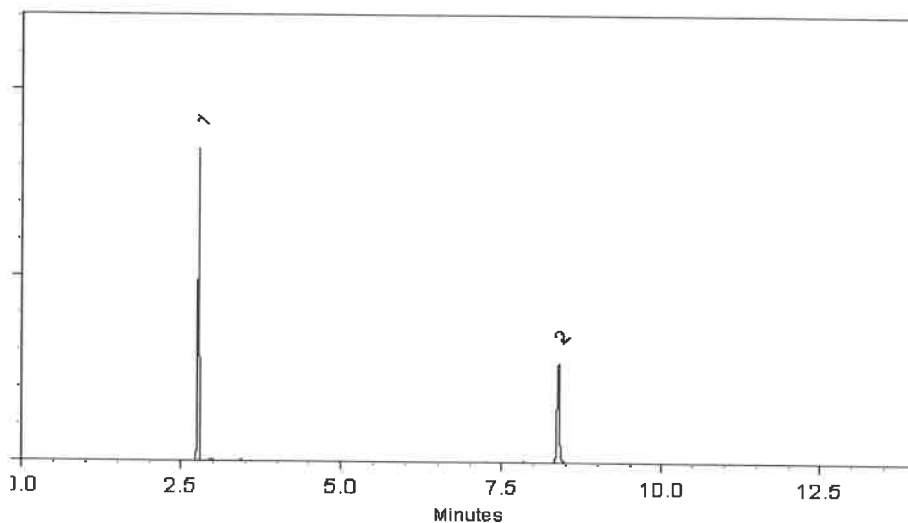
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

1µl



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

Date Mixed: 29-Jul-2024

Balance Serial # B345965662

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

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015  
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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.:** A0210240

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

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

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

**Ship:** Ambient

## CERTIFIED VALUES

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

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

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

P13861  
P13862

12/9/2024



# Quality Confirmation Test

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

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

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

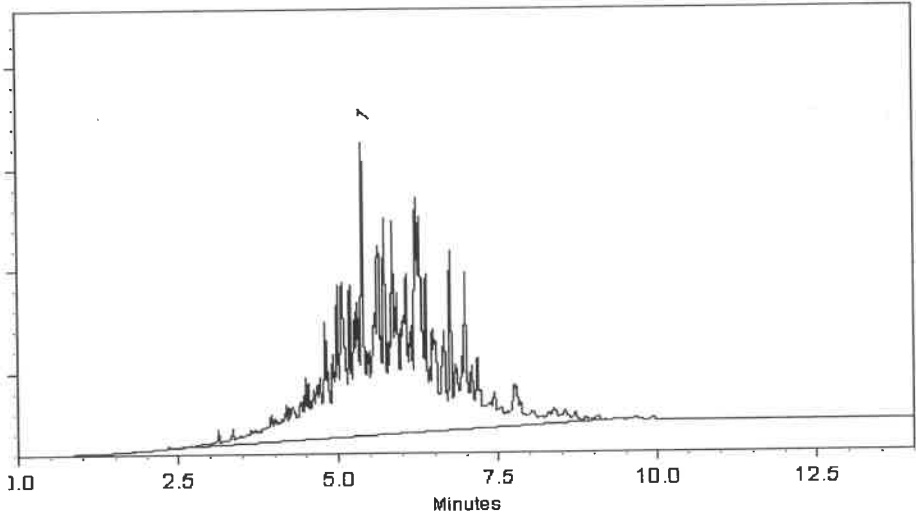
**Inj. Temp:**  
250°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD

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

**Inj. Vol**  
0.2µl



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

  
Amanda Miller - Operations Tech III - ARM QC

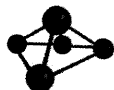
**Date Mixed:** 11-Apr-2024      **Balance Serial #** B442140311

  
Christie Mills - Operations Lead Tech - ARM QC

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

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

P13861 } ②  
P13862 }  
↑  
  
12/9/2024



CERTIFIED WEIGHT REPORT

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

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

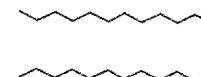
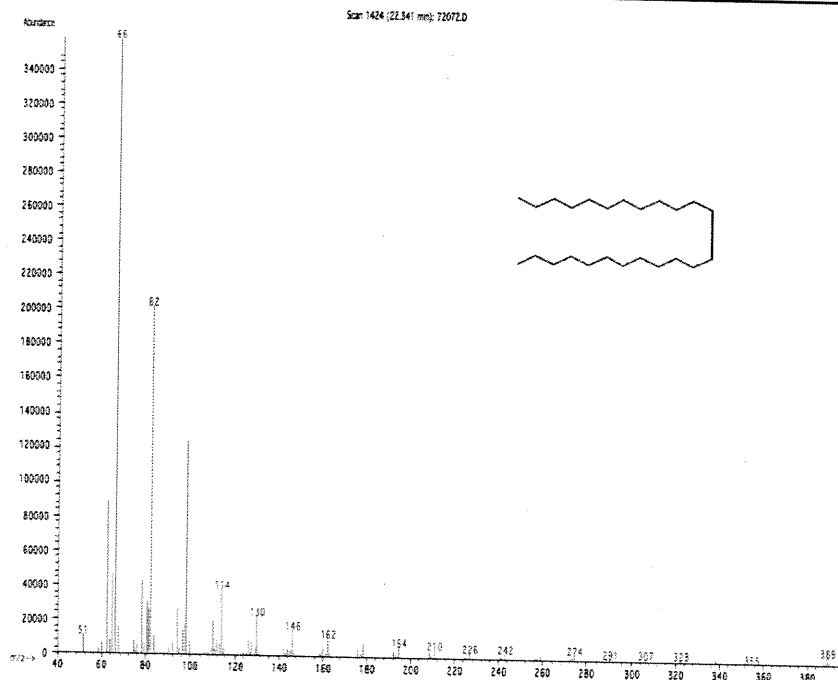
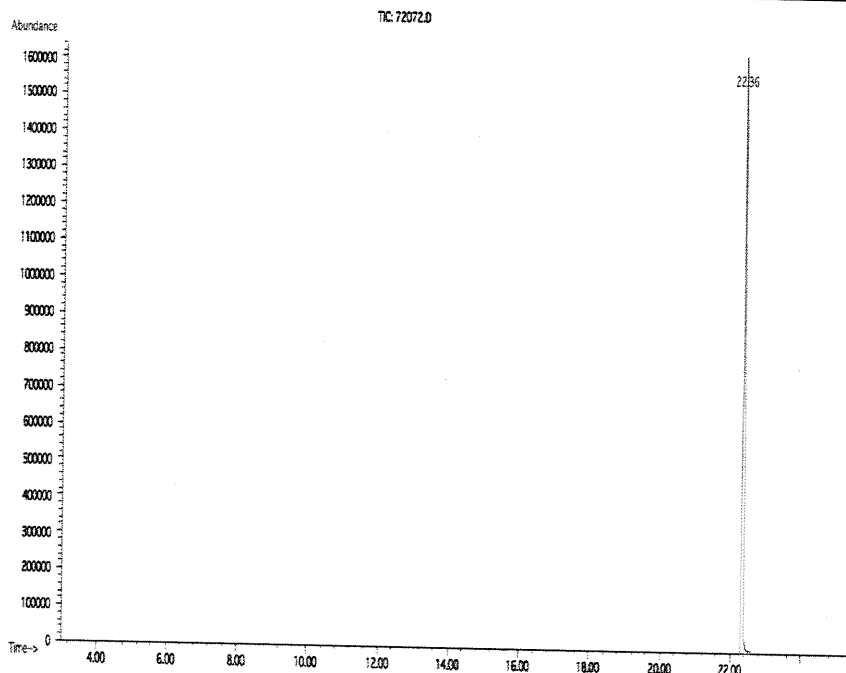
Received by  
SG on 11/1/19  
P9044 - P9053

5E-05 Balance Uncertainty  
0.058 Flask Uncertainty

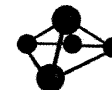
|                         |                  |        |
|-------------------------|------------------|--------|
| <i>Prashant Chauhan</i> |                  | 112018 |
| Formulated By:          | Prashant Chauhan | DATE   |
| <i>Pedro Rentas</i>     |                  | 112018 |
| Reviewed By:      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

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

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



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



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

Run Length: 35.00 min, 20999 points at 10 points/second.  
Created: Thu, Nov 22, 2018 at 7:23:18 AM.  
Sampled: Sequence "112018-GC4M1", Method "GC4-M1".  
Analyzed using Method "GC4-M1".

### Comments

GC4-M1 Analysis by Melissa Stonier

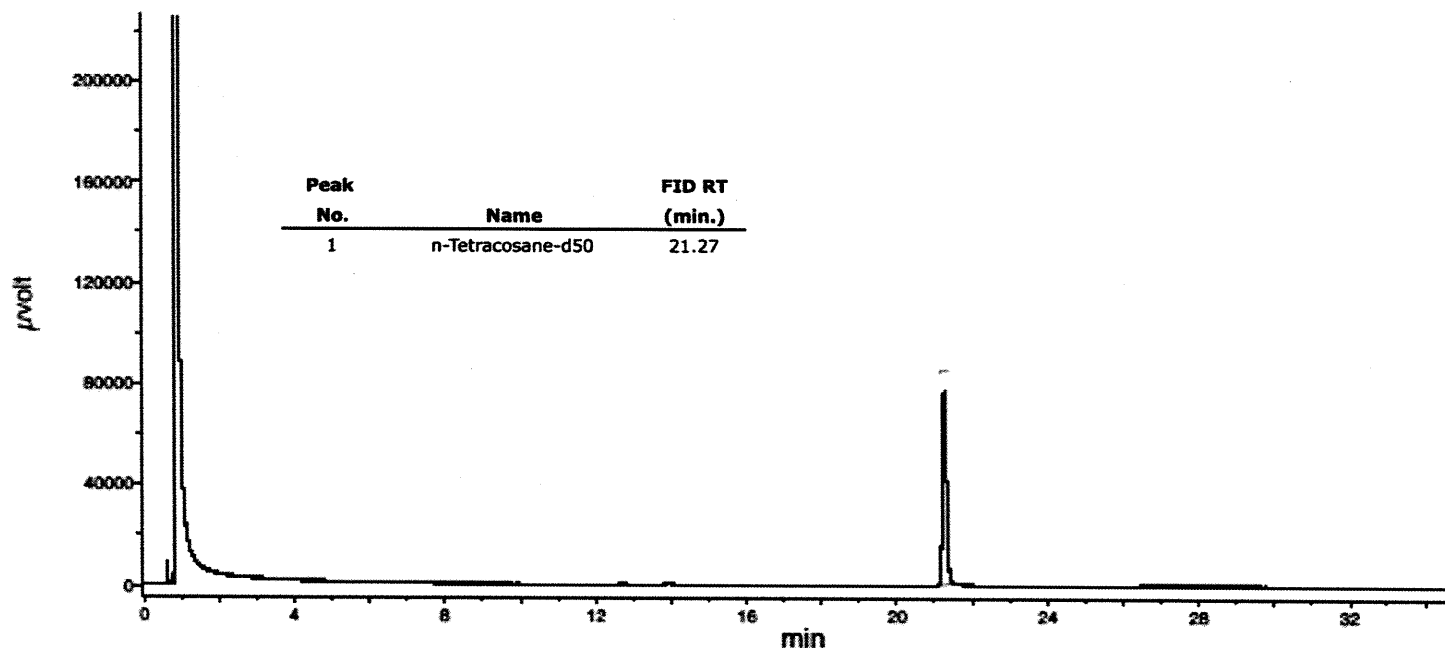
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5µm Film Thickness

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

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

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

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





# SHIPPING DOCUMENTS

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# Packing List

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Golden, CO 80403

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| Date       | Order # |
|------------|---------|
| 10/27/2025 | 333294  |



## Ship To

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

*Received by: SJ*  
*10/29/2025 12:30*

| Customer PO # | Terms  | PT Acct # | Customer # | Ship Via      | F.O.B.     |
|---------------|--------|-----------|------------|---------------|------------|
| PO2-3469      | 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-MET-SOIL      | SOIL/HW Trace Metals        | HW1025       | 7102-04B   |
| 1           | 1           | 0             | PT-CR6-SOIL      | SOIL/HW Hexavalent Chromium | HW1025       | 7102-05A2  |
| 1           | 1           | 0             | PT-CN-SOIL       | SOIL/HW Cyanide             | HW1025       | 7102-06    |
| 1           | 1           | 0             | PT-CORR-SOIL     | SOIL/HW Corrosivity/pH      | HW1025       | 7102-11    |
| 1           | 1           | 0             | PT-FP-SOIL       | SOIL/HW Flash Point         | HW1025       | 7102-10    |
| 1           | 1           | 0             | PT-AN-SOIL       | SOIL/HW Anions              | HW1025       | 7102-08    |
| 1           | 1           | 0             | PT-NUT-SOIL      | SOIL/HW Nutrients           | HW1025       | 7102-09    |
| 1           | 1           | 0             | PT-SOL-SOIL      | SOIL/HW Solids              | HW1025       | 7102-31    |
| 1           | 1           | 0             | PT-NO2-SOIL      | SOIL/HW Nitrite as N        | HW1025       | 7102-71    |
| 1           | 1           | 0             | PT-GAS-SOIL      | SOIL/HW Gasoline            | HW1025       | 7102-96    |
| 1           | 1           | 0             | PT-DIES-SOIL     | SOIL/HW Diesel in Soil      | HW1025       | 7102-100   |
| 1           | 1           | 0             | PT-OGR-SOIL      | SOIL/HW Oil and Grease      | HW1025       | 7102-94B   |
| 1           | 1           | 0             | PT-VOA-SOIL      | SOIL/HW Volatiles           | HW1025       | 7102-12    |
| 1           | 1           | 0             | PT-BNA-SOIL      | SOIL/HW BNAs                | HW1025       | 7102-13    |
| 1           | 1           | 0             | PT-PEST-SOIL     | SOIL/HW Pesticides          | HW1025       | 7102-14    |
| 1           | 1           | 0             | PT-CHLR-SOIL     | SOIL/HW Chlordane           | HW1025       | 7102-15    |
| 1           | 1           | 0             | PT-TXP-SOIL      | SOIL/HW Toxaphene           | HW1025       | 7102-16    |
| 1           | 1           | 0             | PT-PCB-SOIL      | SOIL/HW PCBs                | HW1025       | 7102-17    |
| 1           | 1           | 0             | PT-PCBO-SOIL     | SOIL/HW PCBs in Oil         | HW1025       | 7102-88    |
| 1           | 1           | 0             | PT-HERB-SOIL     | SOIL/HW Herbicides          | HW1025       | 7102-18    |
| 1           | 1           | 0             | PT-PAH-SOIL      | SOIL/HW PAHs                | HW1025       | 7102-22    |
| 1           | 1           | 0             | PT-TRIAZINE-SOIL | SOIL/HW Triazine Pesticides | HW1025       | 7102-106   |

## Packing List

6390 Joyce Dr., #100  
Golden, CO 80403

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Fax: +1-303-940-0043  
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| Date       | Order # |
|------------|---------|
| 10/27/2025 | 333294  |



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ATTN: Sohil Jodhani  
284 Sheffield St., #1  
Mountainside, NJ 07092  
USA

*Received by: SJ*  
*10/29/2025 12:30*

| Customer PO # |             | Terms         | PT Acct #     | Customer #       | Ship Via      | F.O.B.     |
|---------------|-------------|---------------|---------------|------------------|---------------|------------|
| PO2-3469      |             | 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-NJEPH-SOIL | NJ EPH in SOIL   | HW1025        | 7102-105   |

### Laboratory Certification

| Certified By    | License No.      |
|-----------------|------------------|
|                 |                  |
| Connecticut     | PH-0830          |
|                 |                  |
| DOD ELAP (ANAB) | L2219            |
|                 |                  |
| Maine           | 2024021          |
|                 |                  |
| Maryland        | 296              |
|                 |                  |
| New Hampshire   | 255425           |
|                 |                  |
| New Jersey      | 20012            |
|                 |                  |
| New York        | 11376            |
|                 |                  |
| Pennsylvania    | 68-00548         |
|                 |                  |
| Soil Permit     | 525-24-234-08441 |
|                 |                  |
| Texas           | TX-C25-00189     |
|                 |                  |
| Virginia        | 460312           |