

## DATA REPORTING QUALIFIERS- ORGANIC

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

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

## LAB CHRONICLE

|                                              |                                                         |
|----------------------------------------------|---------------------------------------------------------|
| <b>OrderID:</b> Q3495                        | <b>OrderDate:</b> 10/30/2025 10:45:41 AM                |
| <b>Client:</b> Remington & Vernick Engineers | <b>Project:</b> Maclearie Park                          |
| <b>Contact:</b> Kyle Carlson                 | <b>Location:</b> D51,VOA Ref. #2 Soil,VOA Ref. #3 Water |

| LabID    | ClientID  | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|-----------|--------|------|--------|-------------|-----------|-----------|----------|
| Q3495-02 | SB-1025-2 | SOIL   | PCB  | 8082A  | 10/27/25    | 10/31/25  | 10/31/25  | 10/29/25 |
| Q3495-03 | TW-1025-1 | WATER  | PCB  | 8082A  | 10/27/25    | 10/31/25  | 10/31/25  | 10/29/25 |



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**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q3495

**Order ID:** Q3495

**Client:** Remington & Vernick Engineers

**Project ID:** Maclearie Park

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| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|

Client ID :

**Total Concentration:** 0.000



# QC SUMMARY



### Surrogate Summary

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |                   |        |       |        |             |      | Low       | High |
| I.BLK-PO114312.D | PIBLK-PO114312.D | Tetrachloro-m-xyl | 1      | 20    | 18.6   | 93          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 19.2   | 96          |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.9   | 94          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 19.0   | 95          |      | 60        | 140  |
| I.BLK-PO114802.D | PIBLK-PO114802.D | Tetrachloro-m-xyl | 1      | 20    | 18.5   | 92          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 17.9   | 90          |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 16.4   | 82          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 19.5   | 98          |      | 60        | 140  |
| PB170339BL       | PB170339BL       | Tetrachloro-m-xyl | 1      | 20    | 27.3   | 136         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 26.8   | 134         |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 24.8   | 124         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 26.2   | 131         |      | 32        | 175  |
| PB170339BS       | PB170339BS       | Tetrachloro-m-xyl | 1      | 20    | 27.4   | 137         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 26.7   | 134         |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 23.1   | 115         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 26.3   | 132         |      | 32        | 175  |
| Q3495-02         | SB-1025-2        | Tetrachloro-m-xyl | 1      | 20    | 28.2   | 141         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 21.7   | 109         |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 25.5   | 128         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 22.3   | 112         |      | 32        | 175  |
| Q3495-02MS       | SB-1025-2MS      | Tetrachloro-m-xyl | 1      | 20    | 21.6   | 108         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 15.3   | 76          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.4   | 92          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 16.4   | 82          |      | 32        | 175  |
| Q3495-02MSD      | SB-1025-2MSD     | Tetrachloro-m-xyl | 1      | 20    | 21.7   | 109         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 15.8   | 79          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.6   | 93          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 16.9   | 84          |      | 32        | 175  |
| I.BLK-PO114817.D | PIBLK-PO114817.D | Tetrachloro-m-xyl | 1      | 20    | 17.5   | 87          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 17.6   | 88          |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 16.0   | 80          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 18.8   | 94          |      | 60        | 140  |
| I.BLK-PP075887.D | PIBLK-PP075887.D | Tetrachloro-m-xyl | 1      | 20    | 19.9   | 100         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 20.4   | 102         |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.8   | 94          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 19.3   | 96          |      | 60        | 140  |
| I.BLK-PP076260.D | PIBLK-PP076260.D | Tetrachloro-m-xyl | 1      | 20    | 22.0   | 110         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 21.4   | 107         |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 19.2   | 96          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 17.9   | 90          |      | 60        | 140  |
| PB170347BL       | PB170347BL       | Tetrachloro-m-xyl | 1      | 20    | 32.5   | 162         |      | 30        | 173  |

### Surrogate Summary

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |                   |        |       |        |             |      | Low       | High |
| PB170347BL       | PB170347BL       | Decachlorobiphen  | 1      | 20    | 31.3   | 157         |      | 10        | 173  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 29.0   | 145         |      | 30        | 173  |
| PB170347BS       | PB170347BS       | Decachlorobiphen  | 2      | 20    | 26.5   | 133         |      | 10        | 173  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 32.9   | 165         |      | 30        | 173  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 30.7   | 153         |      | 10        | 173  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 29.5   | 147         |      | 30        | 173  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 26.0   | 130         |      | 10        | 173  |
| PB170347BSD      | PB170347BSD      | Tetrachloro-m-xyl | 1      | 20    | 31.0   | 155         |      | 30        | 173  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 29.8   | 149         |      | 10        | 173  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 29.4   | 147         |      | 30        | 173  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 25.0   | 125         |      | 10        | 173  |
| Q3495-03         | TW-1025-1        | Tetrachloro-m-xyl | 1      | 20    | 27.2   | 136         |      | 30        | 173  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 21.3   | 106         |      | 10        | 173  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 21.0   | 105         |      | 30        | 173  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 18.1   | 91          |      | 10        | 173  |
| I.BLK-PP076275.D | PIBLK-PP076275.D | Tetrachloro-m-xyl | 1      | 20    | 21.6   | 108         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 21.0   | 105         |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 19.3   | 97          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 17.5   | 87          |      | 60        | 140  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                          |                           |                   |
|-----------------|------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3495</u>                             | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Remington &amp; Vernick Engineers</u> | <b>DataFile :</b>         | <u>PO114810.D</u> |

|                       | Parameter         | Spike                    | Sample<br>Result | Result             | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|-----------------------|-------------------|--------------------------|------------------|--------------------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| <b>Lab Sample ID:</b> | <b>Q3495-02MS</b> | <b>Client Sample ID:</b> |                  | <b>SB-1025-2MS</b> |       |     |             |     |             |     |                |     |
|                       | (Column 1)        |                          |                  |                    |       |     |             |     |             |     |                |     |
|                       | AR1016            | 221.3                    | 0                | 227                | ug/kg | 103 |             |     |             | 55  | 146            |     |
|                       | AR1260            | 221.3                    | 0                | 195                | ug/kg | 88  |             |     |             | 54  | 119            |     |
| <b>Lab Sample ID:</b> | <b>Q3495-02MS</b> | <b>Client Sample ID:</b> |                  | <b>SB-1025-2MS</b> |       |     |             |     |             |     |                |     |
|                       | (Column 2)        |                          |                  |                    |       |     |             |     |             |     |                |     |
|                       | AR1016            | 221.3                    | 0                | 201                | ug/kg | 91  |             |     |             | 55  | 146            |     |
|                       | AR1260            | 221.3                    | 0                | 204                | ug/kg | 92  |             |     |             | 54  | 119            |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                          |                           |                   |
|-----------------|------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3495</u>                             | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Remington &amp; Vernick Engineers</u> | <b>DataFile :</b>         | <u>PO114811.D</u> |

|                       |                    | Sample                   |        |                     |     | Rec  |     | RPD  |     | Limits |     |
|-----------------------|--------------------|--------------------------|--------|---------------------|-----|------|-----|------|-----|--------|-----|
| Parameter             | Spike              | Result                   | Result | Units               | Rec | Qual | RPD | Qual | Low | High   | RPD |
| <b>Lab Sample ID:</b> | <b>Q3495-02MSD</b> | <b>Client Sample ID:</b> |        | <b>SB-1025-2MSD</b> |     |      |     |      |     |        |     |
| (Column 1)            |                    |                          |        |                     |     |      |     |      |     |        |     |
| AR1016                | 221.3              | 0                        | 229    | ug/kg               | 103 |      | 0   |      | 55  | 146    | 15  |
| AR1260                | 221.3              | 0                        | 194    | ug/kg               | 88  |      | 0   |      | 54  | 119    | 15  |
| <b>Lab Sample ID:</b> | <b>Q3495-02MSD</b> | <b>Client Sample ID:</b> |        | <b>SB-1025-2MSD</b> |     |      |     |      |     |        |     |
| (Column 2)            |                    |                          |        |                     |     |      |     |      |     |        |     |
| AR1016                | 221.3              | 0                        | 202    | ug/kg               | 91  |      | 0   |      | 55  | 146    | 15  |
| AR1260                | 221.3              | 0                        | 205    | ug/kg               | 93  |      | 1   |      | 54  | 119    | 15  |



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                               |                    |            |
|----------|-------------------------------|--------------------|------------|
| SDG No.: | Q3495                         | Analytical Method: | 8082A      |
| Client:  | Remington & Vernick Engineers | Datafile :         | PO114808.D |

| Lab Sample ID            | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|--------------------------|-----------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|                          |           |       |        |       |     |     |      | Qual | Low    | High |     |
| PB170339BS<br>(Column 1) | AR1016    | 166.6 | 183    | ug/kg | 110 |     |      |      | 71     | 120  |     |
|                          | AR1260    | 166.6 | 163    | ug/kg | 98  |     |      |      | 65     | 130  |     |
| PB170339BS<br>(Column 2) | AR1016    | 166.6 | 157    | ug/kg | 94  |     |      |      | 71     | 120  |     |
|                          | AR1260    | 166.6 | 170    | ug/kg | 102 |     |      |      | 65     | 130  |     |



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### Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|                 |                               |                           |            |
|-----------------|-------------------------------|---------------------------|------------|
| <b>SDG No.:</b> | Q3495                         | <b>Analytical Method:</b> | 8082A      |
| <b>Client:</b>  | Remington & Vernick Engineers | <b>Datafile :</b>         | PP076262.D |

| Lab Sample ID            | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  | Low | Limits | RPD |
|--------------------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|                          |           |       |        |       |     |     |      | Qual |     | High   |     |
| PB170347BS<br>(Column 1) | AR1016    | 5     | 5.00   | ug/L  | 100 |     |      |      | 77  | 107    |     |
|                          | AR1260    | 5     | 5.00   | ug/L  | 100 |     |      |      | 66  | 113    |     |
| PB170347BS<br>(Column 2) | AR1016    | 5     | 4.50   | ug/L  | 90  |     |      |      | 77  | 107    |     |
|                          | AR1260    | 5     | 4.90   | ug/L  | 98  |     |      |      | 66  | 113    |     |



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

**SW-846**

|                 |                                          |                           |                   |
|-----------------|------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3495</u>                             | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Remington &amp; Vernick Engineers</u> | <b>Datafile :</b>         | <u>PP076263.D</u> |

| Lab Sample ID             | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------------------|-----------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|                           |           |       |        |       |     |     |      | Qual | Low    | High |     |
| PB170347BSD<br>(Column 1) | AR1016    | 5     | 4.90   | ug/L  | 98  | 2   |      |      | 77     | 107  | 20  |
|                           | AR1260    | 5     | 4.90   | ug/L  | 98  | 2   |      |      | 66     | 113  | 20  |
| PB170347BSD<br>(Column 2) | AR1016    | 5     | 4.30   | ug/L  | 86  | 5   |      |      | 77     | 107  | 20  |
|                           | AR1260    | 5     | 5.00   | ug/L  | 100 | 2   |      |      | 66     | 113  | 20  |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170339BL

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170339BL

Lab File ID: PO114807.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/31/2025

Date Analyzed (1): 10/31/2025

Date Analyzed (2): 10/31/2025

Time Analyzed (1): 13:22

Time Analyzed (2): 13:22

Instrument ID (1): ECD\_O

Instrument ID (2): ECD\_O

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

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

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB170339BS        | PB170339BS       | PO114808.D     | 10/31/2025         | 10/31/2025         |
| SB-1025-2         | Q3495-02         | PO114809.D     | 10/31/2025         | 10/31/2025         |
| SB-1025-2MS       | Q3495-02MS       | PO114810.D     | 10/31/2025         | 10/31/2025         |
| SB-1025-2MSD      | Q3495-02MSD      | PO114811.D     | 10/31/2025         | 10/31/2025         |

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



4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170347BL

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170347BL

Lab File ID: PP076261.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/31/2025

Date Analyzed (1): 10/31/2025

Date Analyzed (2): 10/31/2025

Time Analyzed (1): 17:26

Time Analyzed (2): 17:26

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

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 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB170347BS        | PB170347BS       | PP076262.D     | 10/31/2025         | 10/31/2025         |
| PB170347BSD       | PB170347BSD      | PP076263.D     | 10/31/2025         | 10/31/2025         |
| TW-1025-1         | Q3495-03         | PP076266.D     | 10/31/2025         | 10/31/2025         |

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



# SAMPLE DATA



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## Report of Analysis

|                    |                               |                     |                 |          |
|--------------------|-------------------------------|---------------------|-----------------|----------|
| Client:            | Remington & Vernick Engineers |                     | Date Collected: | 10/27/25 |
| Project:           | Maclearie Park                |                     | Date Received:  | 10/29/25 |
| Client Sample ID:  | SB-1025-2                     |                     | SDG No.:        | Q3495    |
| Lab Sample ID:     | Q3495-02                      |                     | Matrix:         | SOIL     |
| Analytical Method: | 8082A                         |                     | % Solid:        | 75.1     |
| Sample Wt/Vol:     | 30.06 g                       | Final Vol: 10000 uL | Test:           | PCB      |
| Prep Method:       | SW3541                        | Prep Date: 10/31/25 |                 |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 5.20  | U    | 1  | 5.20     | 22.6       | ug/kg   | 10/31/25 13:58 | PB170339 |
| 11104-28-2        | Aroclor-1221         | 5.40  | U    | 1  | 5.40     | 22.6       | ug/kg   | 10/31/25 13:58 | PB170339 |
| 11141-16-5        | Aroclor-1232         | 4.90  | U    | 1  | 4.90     | 22.6       | ug/kg   | 10/31/25 13:58 | PB170339 |
| 53469-21-9        | Aroclor-1242         | 5.30  | U    | 1  | 5.30     | 22.6       | ug/kg   | 10/31/25 13:58 | PB170339 |
| 12672-29-6        | Aroclor-1248         | 7.90  | U    | 1  | 7.90     | 22.6       | ug/kg   | 10/31/25 13:58 | PB170339 |
| 11097-69-1        | Aroclor-1254         | 4.30  | U    | 1  | 4.30     | 22.6       | ug/kg   | 10/31/25 13:58 | PB170339 |
| 37324-23-5        | Aroclor-1262         | 6.70  | U    | 1  | 6.70     | 22.6       | ug/kg   | 10/31/25 13:58 | PB170339 |
| 11100-14-4        | Aroclor-1268         | 4.80  | U    | 1  | 4.80     | 22.6       | ug/kg   | 10/31/25 13:58 | PB170339 |
| 11096-82-5        | Aroclor-1260         | 4.30  | U    | 1  | 4.30     | 22.6       | ug/kg   | 10/31/25 13:58 | PB170339 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 28.2  |      |    | 32 - 144 | 141%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 22.3  |      |    | 32 - 175 | 112%       | 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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
 Data File : PO114809.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2025 13:58  
 Operator : YP/AJ  
 Sample : Q3495-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 SB-1025-2

**Manual Integrations**  
**APPROVED**

Reviewed By :Rahul Chavli 11/03/2025  
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 14:23:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 02:40:25 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-------|-------|----------|----------|--------|---------|
| -----                       |       |       |          |          |        |         |
| System Monitoring Compounds |       |       |          |          |        |         |
| 1) SA Tetrachlo...          | 4.352 | 3.653 | 152.9E6  | 102.1E6  | 28.156 | 25.508  |
| 2) SA Decachlor...          | 9.943 | 8.649 | 79154518 | 74336680 | 21.739 | 22.302m |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
Data File : PO114809.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 13:58  
Operator : YP/AJ  
Sample : Q3495-02  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

## Instrument :

ECD\_O

ClientSampleId :

SB-1025-2

## Manual Integrations

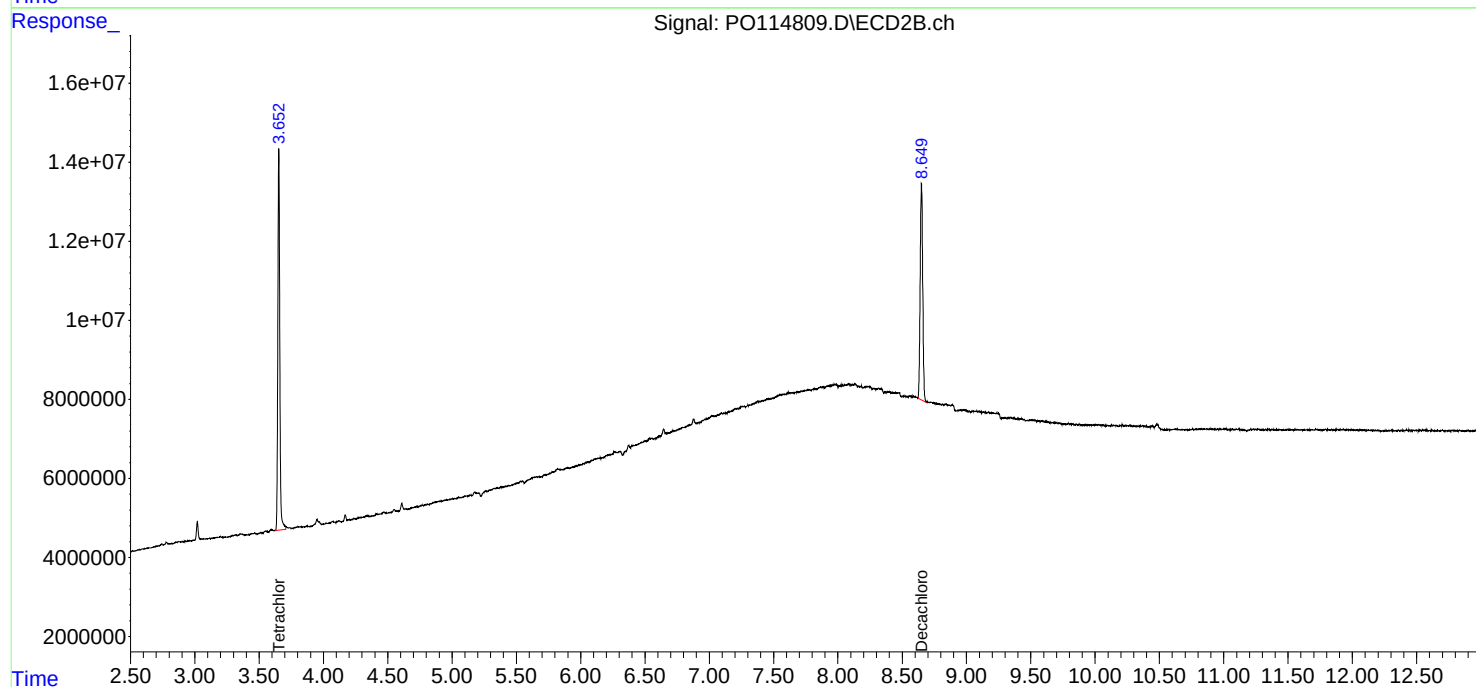
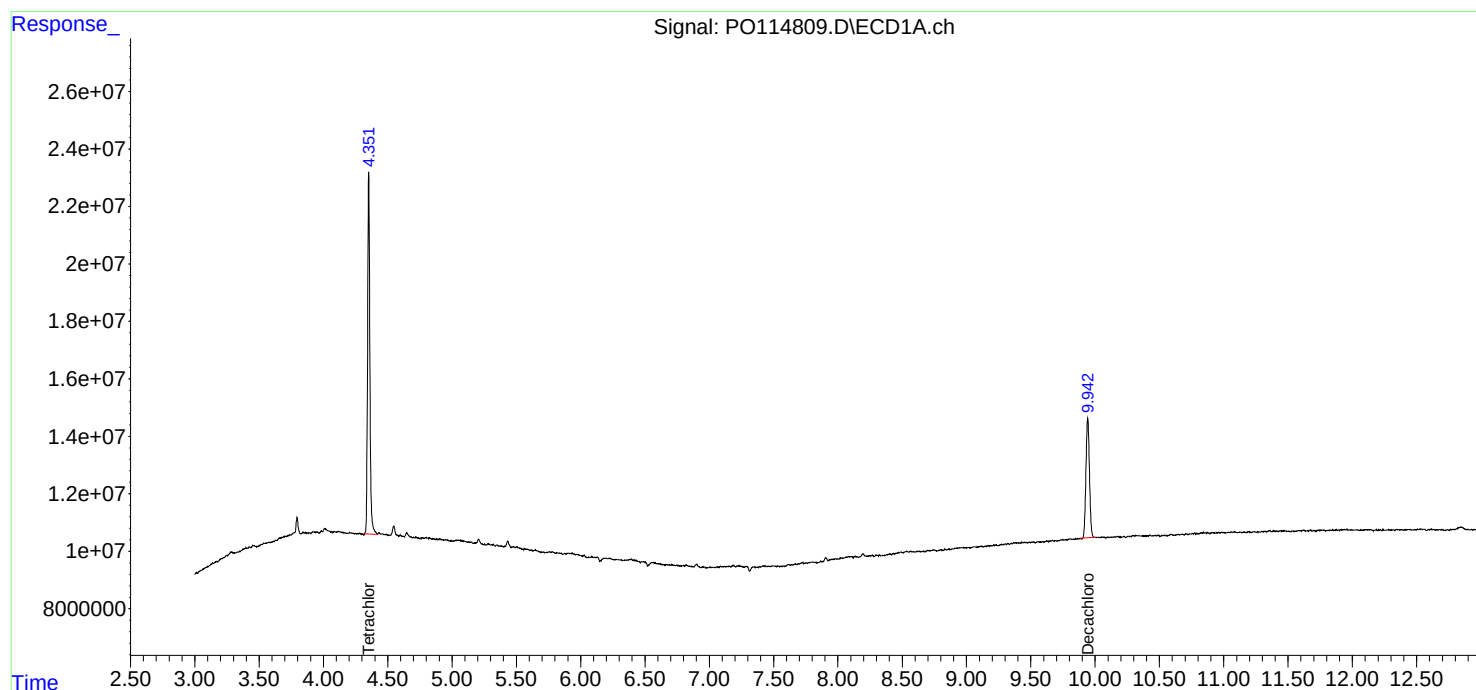
APPROVED

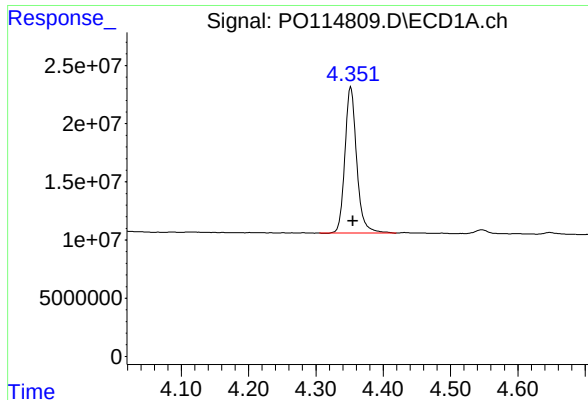
Reviewed By :Rahul Chavli 11/03/2025

Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 14:23:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 02:40:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





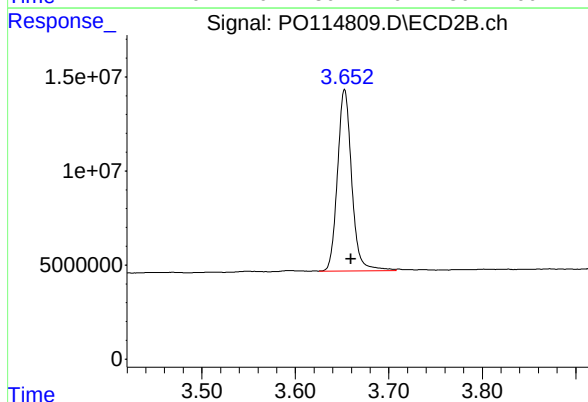
## #1 Tetrachloro-m-xylene

R.T.: 4.352 min  
Delta R.T.: -0.003 min  
Response: 152856790  
Conc: 28.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1025-2

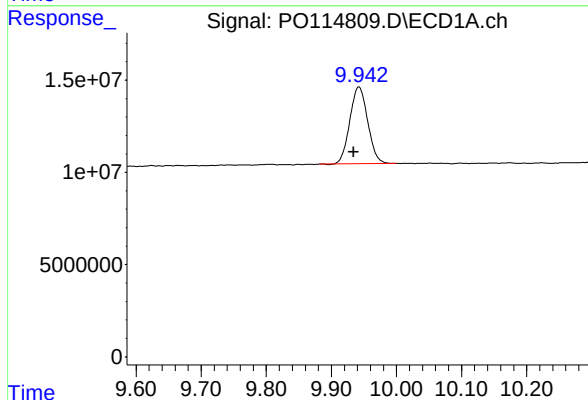
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025



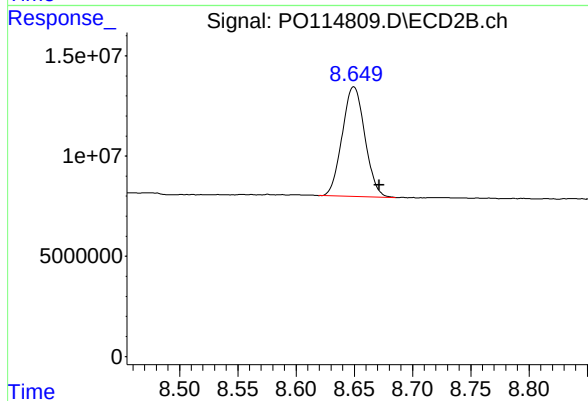
## #1 Tetrachloro-m-xylene

R.T.: 3.653 min  
Delta R.T.: -0.007 min  
Response: 102091263  
Conc: 25.51 ng/ml



## #2 Decachlorobiphenyl

R.T.: 9.943 min  
Delta R.T.: 0.008 min  
Response: 79154518  
Conc: 21.74 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.649 min  
Delta R.T.: -0.022 min  
Response: 74336680  
Conc: 22.30 ng/ml m



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

## Report of Analysis

|                    |                                            |                 |          |
|--------------------|--------------------------------------------|-----------------|----------|
| Client:            | Remington & Vernick Engineers              | Date Collected: | 10/27/25 |
| Project:           | Maclearie Park                             | Date Received:  | 10/29/25 |
| Client Sample ID:  | TW-1025-1                                  | SDG No.:        | Q3495    |
| Lab Sample ID:     | Q3495-03                                   | Matrix:         | WATER    |
| Analytical Method: | 8082A                                      | % Solid:        | 0        |
| Sample Wt/Vol:     | 980 mL                                     | Test:           | PCB      |
| Prep Method:       | Final Vol: 10000 uL<br>Prep Date: 10/31/25 |                 |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 0.099 | U    | 1  | 0.099    | 0.51       | ug/L    | 10/31/25 18:47 | PB170347 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.51       | ug/L    | 10/31/25 18:47 | PB170347 |
| 11141-16-5        | Aroclor-1232         | 0.098 | U    | 1  | 0.098    | 0.51       | ug/L    | 10/31/25 18:47 | PB170347 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.51       | ug/L    | 10/31/25 18:47 | PB170347 |
| 12672-29-6        | Aroclor-1248         | 0.072 | U    | 1  | 0.072    | 0.51       | ug/L    | 10/31/25 18:47 | PB170347 |
| 11097-69-1        | Aroclor-1254         | 0.096 | U    | 1  | 0.096    | 0.51       | ug/L    | 10/31/25 18:47 | PB170347 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.51       | ug/L    | 10/31/25 18:47 | PB170347 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.51       | ug/L    | 10/31/25 18:47 | PB170347 |
| 11096-82-5        | Aroclor-1260         | 0.083 | U    | 1  | 0.083    | 0.51       | ug/L    | 10/31/25 18:47 | PB170347 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 27.2  |      |    | 30 - 173 | 136%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 21.3  |      |    | 10 - 173 | 106%       | 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

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\_P\Data\PP103125\  
Data File : PP076266.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 18:47  
Operator : YP\AJ  
Sample : Q3495-03  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
TW-1025-1

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 23:25:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 24 15:40:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml   |
|-----------------------------|--------|-------|----------|---------|--------|---------|
| -----                       |        |       |          |         |        |         |
| System Monitoring Compounds |        |       |          |         |        |         |
| 1) SA Tetrachlo...          | 4.645  | 3.779 | 38903110 | 138.7E6 | 27.222 | 20.956m |
| 2) SA Decachlor...          | 10.424 | 8.779 | 22923367 | 149.2E6 | 21.294 | 18.139  |

Target Compounds

-----

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP103125\  
Data File : PP076266.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 18:47  
Operator : YP\AJ  
Sample : Q3495-03  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

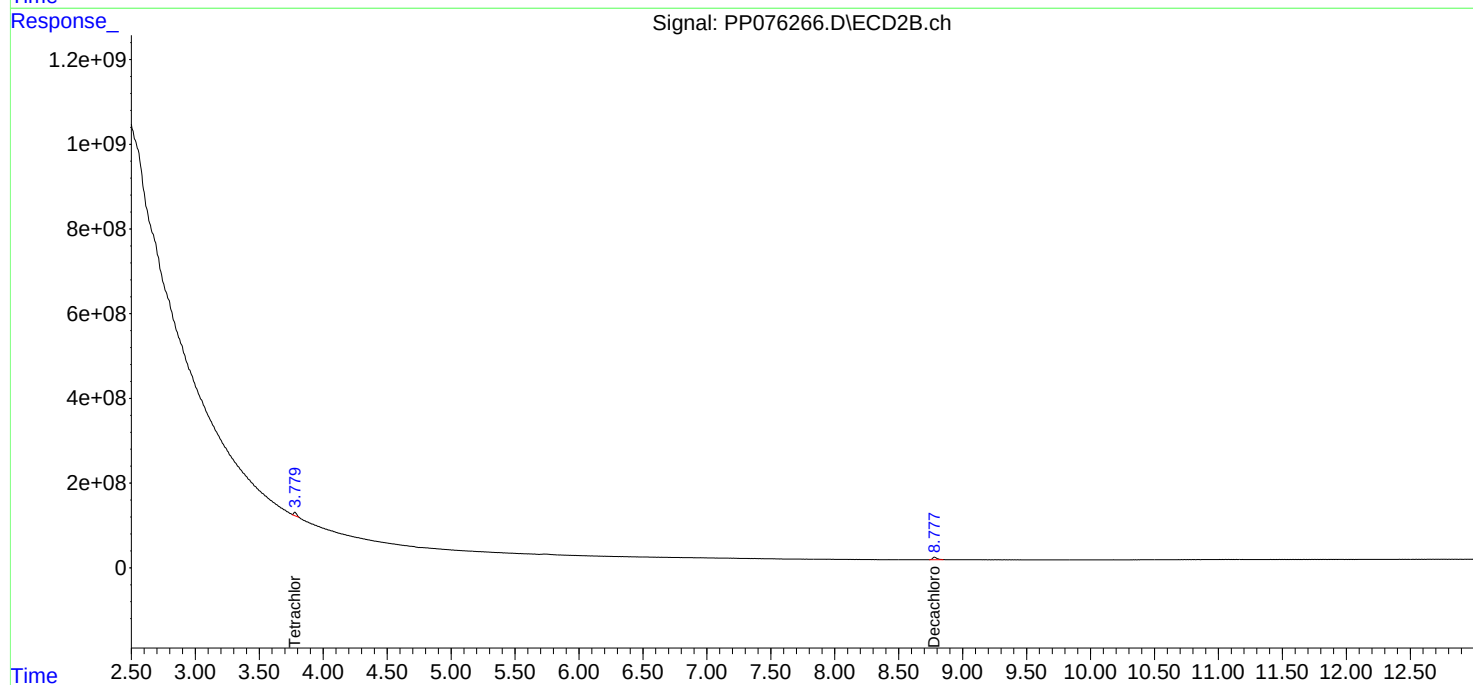
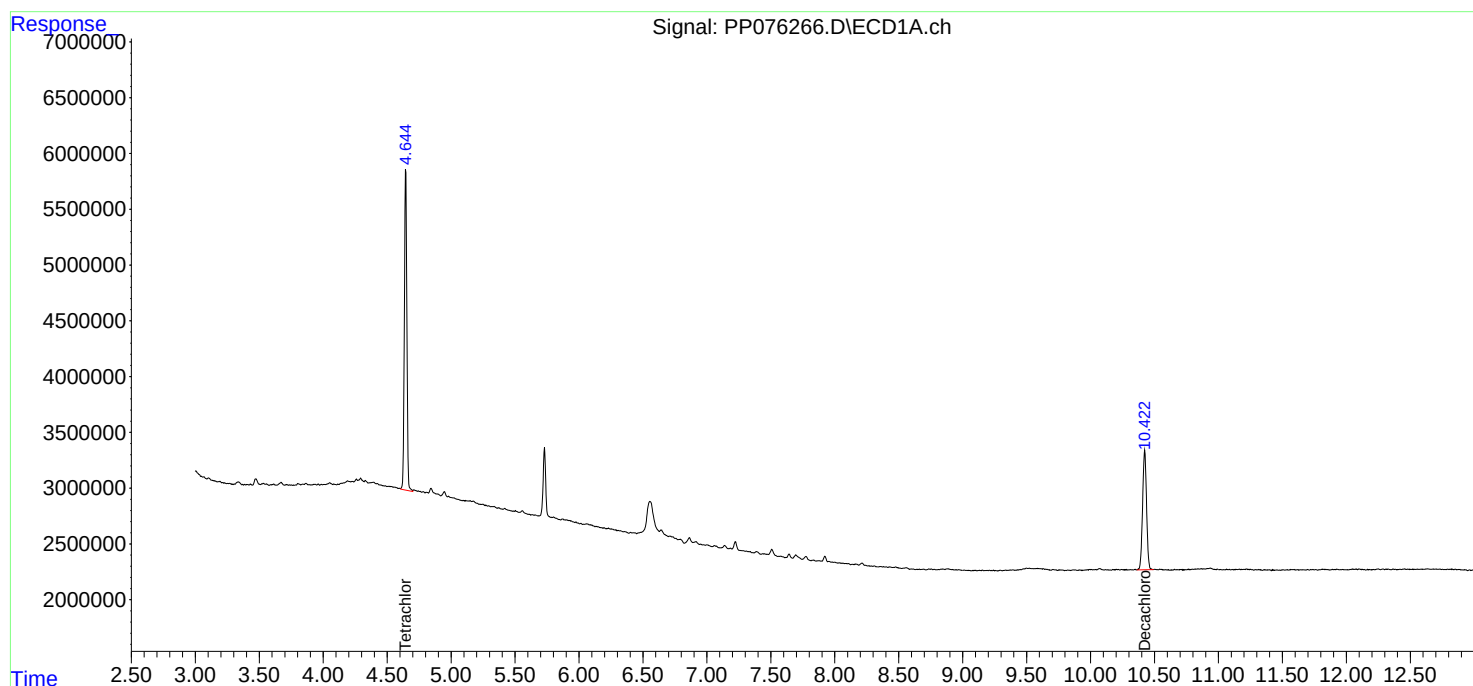
Instrument :  
ECD\_P  
ClientSampleId :  
TW-1025-1

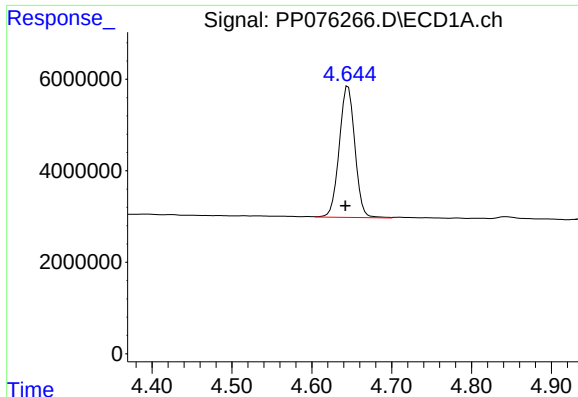
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 23:25:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 24 15:40:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





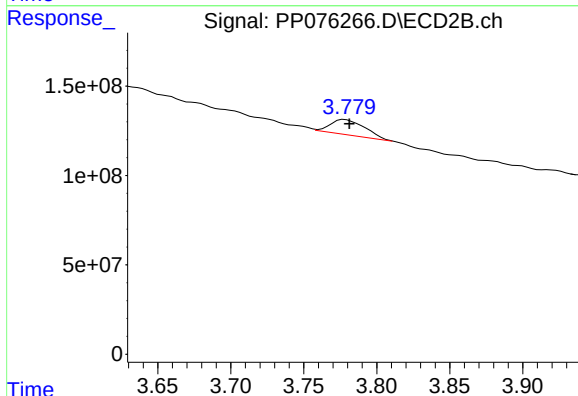
## #1 Tetrachloro-m-xylene

R.T.: 4.645 min  
Delta R.T.: 0.003 min  
Response: 38903110  
Conc: 27.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TW-1025-1

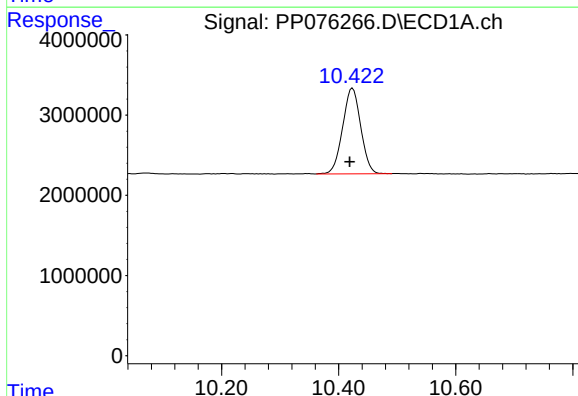
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025



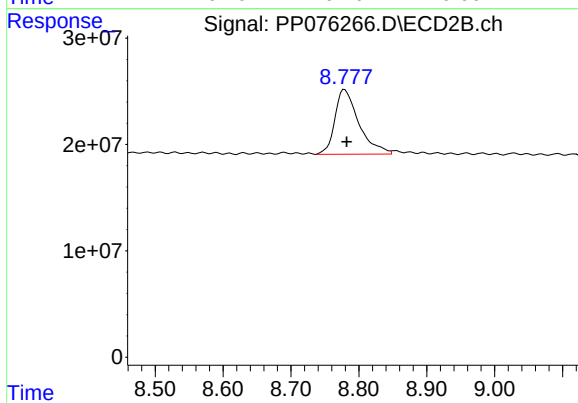
## #1 Tetrachloro-m-xylene

R.T.: 3.779 min  
Delta R.T.: -0.002 min  
Response: 138695975  
Conc: 20.96 ng/ml m



## #2 Decachlorobiphenyl

R.T.: 10.424 min  
Delta R.T.: 0.005 min  
Response: 22923367  
Conc: 21.29 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.779 min  
Delta R.T.: -0.003 min  
Response: 149157009  
Conc: 18.14 ng/ml



# CALIBRATION SUMMARY

**Calibration Times:**           14:14                   22:29

LAB FILE ID: RT 1000 = PO114313.D RT 750 = PO114314.D  
RT 500 = PO114315.D RT 250 = PO114316.D RT 050 = PO114317.D

[illegible]

[illegible]

**Calibration Times:**            **14:14**            **22:29**

LAB FILE ID: RT 1000 = PO114313.D RT 750 = PO114314.D  
RT 500 = PO114315.D RT 250 = PO114316.D RT 050 = PO114317.D

[illegible]

[illegible]



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

### CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: REMI02  
SDG NO.: Q3495

Calibration Date(s): 10/09/2025 10/09/2025  
Calibration Times: 14:14 22:29

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

| LAB FILE ID:               |     | CF 1000 = <u>PO114313.D</u> |            | CF 750 = <u>PO114314.D</u> |            |            |       |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|-------|
| CF 500 = <u>PO114315.D</u> |     | CF 250 = <u>PO114316.D</u>  |            | CF 050 = <u>PO114317.D</u> |            |            |       |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD |
| Aroclor-1016-1             | (1) | 174192886                   | 179895124  | 183856868                  | 183322864  | 180520760  | 2     |
| Aroclor-1016-2             | (2) | 293939915                   | 305561101  | 305220730                  | 315140900  | 301624180  | 3     |
| Aroclor-1016-3             | (3) | 165633600                   | 172668037  | 174260432                  | 182505220  | 189193940  | 5     |
| Aroclor-1016-4             | (4) | 134425999                   | 138097755  | 140122574                  | 142368188  | 132758060  | 3     |
| Aroclor-1016-5             | (5) | 123446822                   | 127769624  | 128908938                  | 130194584  | 121008000  | 3     |
| Aroclor-1260-1             | (1) | 213791672                   | 221280347  | 222839010                  | 218586200  | 213158120  | 2     |
| Aroclor-1260-2             | (2) | 302622462                   | 312056085  | 309594538                  | 307167896  | 311081240  | 1     |
| Aroclor-1260-3             | (3) | 259467311                   | 268042008  | 265717042                  | 260457100  | 228668800  | 6     |
| Aroclor-1260-4             | (4) | 230199629                   | 235131995  | 233767838                  | 232769056  | 232729060  | 1     |
| Aroclor-1260-5             | (5) | 586428065                   | 605840996  | 593634282                  | 581137220  | 533761820  | 5     |
| Decachlorobiphenyl         |     | 3664039320                  | 3792684880 | 3728036680                 | 3664938040 | 3355866400 | 5     |
| Tetrachloro-m-xylene       |     | 5506498360                  | 5677498373 | 5642459220                 | 5552412920 | 4766000200 | 7     |
| Aroclor-1242-1             | (1) | 126706434                   | 132179268  | 135020258                  | 135246300  | 128666340  | 3     |
| Aroclor-1242-2             | (2) | 212392946                   | 219812959  | 222351800                  | 226444372  | 216757700  | 2     |
| Aroclor-1242-3             | (3) | 119144042                   | 124121997  | 125717214                  | 131545340  | 116119900  | 5     |
| Aroclor-1242-4             | (4) | 99737299                    | 101870191  | 102531118                  | 105496736  | 103337180  | 2     |
| Aroclor-1242-5             | (5) | 103047071                   | 106230547  | 111781010                  | 123521904  | 134589100  | 11    |
| Decachlorobiphenyl         |     | 3803036960                  | 3909619067 | 3861003240                 | 3833959680 | 3524921000 | 4     |
| Tetrachloro-m-xylene       |     | 5804343740                  | 5928892613 | 5893981820                 | 5915994040 | 5454317000 | 3     |
| Aroclor-1248-1             | (1) | 98567829                    | 102136305  | 106179528                  | 101725532  | 83182260   | 9     |
| Aroclor-1248-2             | (2) | 137892609                   | 142528752  | 146526406                  | 145313792  | 145562060  | 2     |
| Aroclor-1248-3             | (3) | 151681692                   | 159333787  | 163420432                  | 159028692  | 160593320  | 3     |
| Aroclor-1248-4             | (4) | 182190012                   | 190636973  | 195926736                  | 195051484  | 215146120  | 6     |
| Aroclor-1248-5             | (5) | 174543681                   | 183607891  | 190759426                  | 202813192  | 249246460  | 15    |
| Decachlorobiphenyl         |     | 3816291730                  | 3937073800 | 3957474960                 | 3763925080 | 3735520600 | 3     |
| Tetrachloro-m-xylene       |     | 5779379270                  | 6044791093 | 6117390360                 | 5832290520 | 5648377200 | 3     |
| Aroclor-1254-1             | (1) | 171902953                   | 180224452  | 182326136                  | 179059532  | 158754700  | 6     |
| Aroclor-1254-2             | (2) | 248603985                   | 257164111  | 266428592                  | 263066468  | 238270000  | 4     |
| Aroclor-1254-3             | (3) | 278966197                   | 288101712  | 293337044                  | 293741552  | 290556100  | 2     |
| Aroclor-1254-4             | (4) | 232417367                   | 241793461  | 248310406                  | 242500032  | 218210100  | 5     |
| Aroclor-1254-5             | (5) | 221022379                   | 230048296  | 231810568                  | 224607672  | 189890120  | 8     |
| Decachlorobiphenyl         |     | 3792373920                  | 3896541893 | 3936938560                 | 3860958960 | 3451332800 | 5     |
| Tetrachloro-m-xylene       |     | 5822824890                  | 5988302693 | 6053484060                 | 5960886280 | 5298842000 | 5     |
| Aroclor-1268-1             | (1) | 742630944                   | 763047828  | 755049378                  | 744463164  | 658875500  | 6     |





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Fax : 908 789 8922

#### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 632443459  | 650139448  | 640918178  | 630546628  | 553465960  | 621502735  | 6 |
| Aroclor-1268-3       | (3) | 576556870  | 593571136  | 586459800  | 580217260  | 523967180  | 572154449  | 5 |
| Aroclor-1268-4       | (4) | 239235256  | 248654241  | 247759484  | 273329844  | 226227580  | 247041281  | 7 |
| Aroclor-1268-5       | (5) | 1713485078 | 1761561424 | 1737860666 | 1722182616 | 1634161480 | 1713850253 | 3 |
| Decachlorobiphenyl   |     | 7124253780 | 7355062013 | 7282856320 | 7142144040 | 6358111400 | 7052485511 | 6 |
| Tetrachloro-m-xylene |     | 6131677880 | 6338649440 | 6321767300 | 6220727560 | 5845855000 | 6171735436 | 3 |



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

### CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: REMI02  
SDG NO.: Q3495

Calibration Date(s): 10/09/2025 10/09/2025  
Calibration Times: 14:14 22:29

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

| LAB FILE ID:               |     | CF 1000 = <u>PO114313.D</u> |            | CF 750 = <u>PO114314.D</u> |            |            |            |       |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|-------|
| CF 500 = <u>PO114315.D</u> |     | CF 250 = <u>PO114316.D</u>  |            | CF 050 = <u>PO114317.D</u> |            |            |            |       |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | CF         | % RSD |
| Aroclor-1016-1             | (1) | 158257841                   | 168187716  | 172362186                  | 178585052  | 164529320  | 168384423  | 5     |
| Aroclor-1016-2             | (2) | 229568804                   | 240612359  | 245734900                  | 252904664  | 241358100  | 242035765  | 4     |
| Aroclor-1016-3             | (3) | 119655603                   | 124240307  | 128221016                  | 131086968  | 117564320  | 124153643  | 5     |
| Aroclor-1016-4             | (4) | 92316708                    | 96506141   | 100242646                  | 102698056  | 90863720   | 96525454   | 5     |
| Aroclor-1016-5             | (5) | 119349433                   | 124629577  | 128669076                  | 134240076  | 132389300  | 127855492  | 5     |
| Aroclor-1260-1             | (1) | 215558470                   | 231498535  | 235626690                  | 245673392  | 249059400  | 235483297  | 6     |
| Aroclor-1260-2             | (2) | 315603721                   | 330098711  | 337167224                  | 350489224  | 338584660  | 334388708  | 4     |
| Aroclor-1260-3             | (3) | 256430713                   | 268520155  | 278444642                  | 296438324  | 374872640  | 294941295  | 16    |
| Aroclor-1260-4             | (4) | 211317075                   | 223266731  | 226148960                  | 232910768  | 220902880  | 222909283  | 4     |
| Aroclor-1260-5             | (5) | 594775480                   | 624015233  | 623481606                  | 632255524  | 590282220  | 612962013  | 3     |
| Decachlorobiphenyl         |     | 3170001190                  | 3348740240 | 3399801360                 | 3490868680 | 3256491400 | 3333180574 | 4     |
| Tetrachloro-m-xylene       |     | 3928229090                  | 4070663293 | 4096822280                 | 4116538520 | 3799017800 | 4002254197 | 3     |
| Aroclor-1242-1             | (1) | 122498620                   | 129064381  | 131010080                  | 137236660  | 133254420  | 130612832  | 4     |
| Aroclor-1242-2             | (2) | 175860987                   | 183257420  | 186752992                  | 191657052  | 196407220  | 186787134  | 4     |
| Aroclor-1242-3             | (3) | 92492282                    | 96111452   | 98072652                   | 99600996   | 92244160   | 95704308   | 3     |
| Aroclor-1242-4             | (4) | 86300671                    | 89905741   | 92299888                   | 94852936   | 98359060   | 92343659   | 5     |
| Aroclor-1242-5             | (5) | 113144641                   | 119163080  | 122745918                  | 127985400  | 129764100  | 122560628  | 6     |
| Decachlorobiphenyl         |     | 3517109590                  | 3681723480 | 3757541820                 | 3835681800 | 3777005200 | 3713812378 | 3     |
| Tetrachloro-m-xylene       |     | 4432077070                  | 4412224160 | 4379772960                 | 4471865640 | 4248743200 | 4388936606 | 2     |
| Aroclor-1248-1             | (1) | 94570009                    | 99404269   | 103594360                  | 101758388  | 93150140   | 98495433   | 5     |
| Aroclor-1248-2             | (2) | 125502158                   | 133300196  | 137663402                  | 137604864  | 136198920  | 134053908  | 4     |
| Aroclor-1248-3             | (3) | 130740348                   | 139010419  | 143306254                  | 142181184  | 142470360  | 139541713  | 4     |
| Aroclor-1248-4             | (4) | 154697640                   | 163551519  | 169016486                  | 167510084  | 167044800  | 164364106  | 4     |
| Aroclor-1248-5             | (5) | 159814127                   | 168355577  | 173516216                  | 171305900  | 174900140  | 169578392  | 4     |
| Decachlorobiphenyl         |     | 3661201490                  | 3833278560 | 3951800380                 | 3911090520 | 3937109200 | 3858896030 | 3     |
| Tetrachloro-m-xylene       |     | 4430508460                  | 4634013587 | 4677547100                 | 4537709360 | 4261034200 | 4508162541 | 4     |
| Aroclor-1254-1             | (1) | 247222467                   | 259048601  | 270361008                  | 279309448  | 272529160  | 265694137  | 5     |
| Aroclor-1254-2             | (2) | 219192417                   | 228941475  | 239248508                  | 249551080  | 254226320  | 238231960  | 6     |
| Aroclor-1254-3             | (3) | 340127494                   | 353950264  | 366242670                  | 368614488  | 343101920  | 354407367  | 4     |
| Aroclor-1254-4             | (4) | 246402938                   | 256874435  | 266498340                  | 267498992  | 253508600  | 258156661  | 3     |
| Aroclor-1254-5             | (5) | 309302184                   | 322642697  | 332806976                  | 330987116  | 305278780  | 320203551  | 4     |
| Decachlorobiphenyl         |     | 3673134130                  | 3816212200 | 3925129200                 | 3949127480 | 3714385800 | 3815597762 | 3     |
| Tetrachloro-m-xylene       |     | 4426752370                  | 4520704027 | 4624441060                 | 4560126680 | 4117729800 | 4449950787 | 4     |
| Aroclor-1268-1             | (1) | 790806319                   | 820672996  | 823414120                  | 829776224  | 826084500  | 818150832  | 2     |



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Fax : 908 789 8922

#### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 668389064  | 693704507  | 696355354  | 697040636  | 678270940  | 686752100  | 2 |
| Aroclor-1268-3       | (3) | 577681654  | 598471028  | 600065844  | 598539168  | 577278220  | 590407183  | 2 |
| Aroclor-1268-4       | (4) | 233329938  | 243075305  | 244332122  | 245097676  | 230283080  | 239223624  | 3 |
| Aroclor-1268-5       | (5) | 1599907631 | 1653346000 | 1653968404 | 1645996908 | 1596574960 | 1629958781 | 2 |
| Decachlorobiphenyl   |     | 6770675710 | 7072875573 | 7158178740 | 7244610400 | 7053861200 | 7060040325 | 3 |
| Tetrachloro-m-xylene |     | 4643395640 | 4793601640 | 4792629120 | 4749683120 | 4526037200 | 4701069344 | 2 |



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Fax : 908 789 8922

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** REMI02  
**Lab Code:** ACE **SDG NO.:** Q3495  
**Instrument ID:** ECD\_O **Date(s) Analyzed:** 10/09/2025 10/09/2025  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.56 | 4.46      | 4.66 | 65029800              |
|              |                | 2    | 4.64 | 4.54      | 4.74 | 45851400              |
|              |                | 3    | 4.71 | 4.61      | 4.81 | 150477000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.71 | 4.61      | 4.81 | 122061000             |
|              |                | 2    | 5.23 | 5.13      | 5.33 | 54066000              |
|              |                | 3    | 5.52 | 5.42      | 5.62 | 121355000             |
|              |                | 4    | 5.67 | 5.57      | 5.77 | 54031600              |
|              |                | 5    | 5.76 | 5.66      | 5.86 | 37348800              |
| Aroclor-1262 | 500            | 1    | 7.69 | 7.59      | 7.79 | 365212000             |
|              |                | 2    | 8.21 | 8.11      | 8.31 | 604682000             |
|              |                | 3    | 8.52 | 8.42      | 8.62 | 365448000             |
|              |                | 4    | 8.60 | 8.50      | 8.70 | 263614000             |
|              |                | 5    | 9.22 | 9.12      | 9.32 | 214854000             |



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Fax : 908 789 8922

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** REMI02  
**Lab Code:** ACE **SDG NO.:** Q3495  
**Instrument ID:** ECD\_O **Date(s) Analyzed:** 10/09/2025 10/09/2025  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 3.87 | 3.77      | 3.97 | 54832000              |
|              |                | 2    | 3.96 | 3.86      | 4.06 | 40465400              |
|              |                | 3    | 4.03 | 3.93      | 4.13 | 128449000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.03 | 3.93      | 4.13 | 104652000             |
|              |                | 2    | 4.76 | 4.66      | 4.86 | 102880000             |
|              |                | 3    | 4.94 | 4.84      | 5.04 | 51237200              |
|              |                | 4    | 5.02 | 4.92      | 5.12 | 43634600              |
|              |                | 5    | 5.19 | 5.09      | 5.29 | 48052000              |
| Aroclor-1262 | 500            | 1    | 6.78 | 6.68      | 6.88 | 425654000             |
|              |                | 2    | 7.28 | 7.18      | 7.38 | 673478000             |
|              |                | 3    | 7.56 | 7.46      | 7.66 | 276888000             |
|              |                | 4    | 7.63 | 7.53      | 7.73 | 456530000             |
|              |                | 5    | 8.12 | 8.02      | 8.22 | 210780000             |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114313.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 14:14  
 Operator : YP/AJ  
 Sample : AR1660ICC1000  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 09 15:15:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Oct 09 15:08:19 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.660 | 550.6E6 | 392.8E6  | 98.781  | 97.899  |
| 2) SA Decachlor...          | 9.933 | 8.672 | 366.4E6 | 317.0E6  | 99.134  | 96.502  |
| Target Compounds            |       |       |         |          |         |         |
| 3) L1 AR-1016-1             | 5.493 | 4.743 | 174.2E6 | 158.3E6  | 973.009 | 957.340 |
| 4) L1 AR-1016-2             | 5.513 | 4.762 | 293.9E6 | 229.6E6  | 981.172 | 965.988 |
| 5) L1 AR-1016-3             | 5.576 | 4.937 | 165.6E6 | 119.7E6  | 974.619 | 965.445 |
| 6) L1 AR-1016-4             | 5.672 | 4.980 | 134.4E6 | 92316708 | 979.251 | 958.839 |
| 7) L1 AR-1016-5             | 5.962 | 5.192 | 123.4E6 | 119.3E6  | 978.355 | 962.424 |
| 31) L7 AR-1260-1            | 7.075 | 6.226 | 213.8E6 | 215.6E6  | 979.279 | 955.521 |
| 32) L7 AR-1260-2            | 7.328 | 6.413 | 302.6E6 | 315.6E6  | 988.612 | 966.966 |
| 33) L7 AR-1260-3            | 7.685 | 6.566 | 259.5E6 | 256.4E6  | 988.100 | 958.843 |
| 34) L7 AR-1260-4            | 7.906 | 7.040 | 230.2E6 | 211.3E6  | 992.309 | 966.096 |
| 35) L7 AR-1260-5            | 8.213 | 7.279 | 586.4E6 | 594.8E6  | 993.893 | 976.437 |
| -----                       |       |       |         |          |         |         |

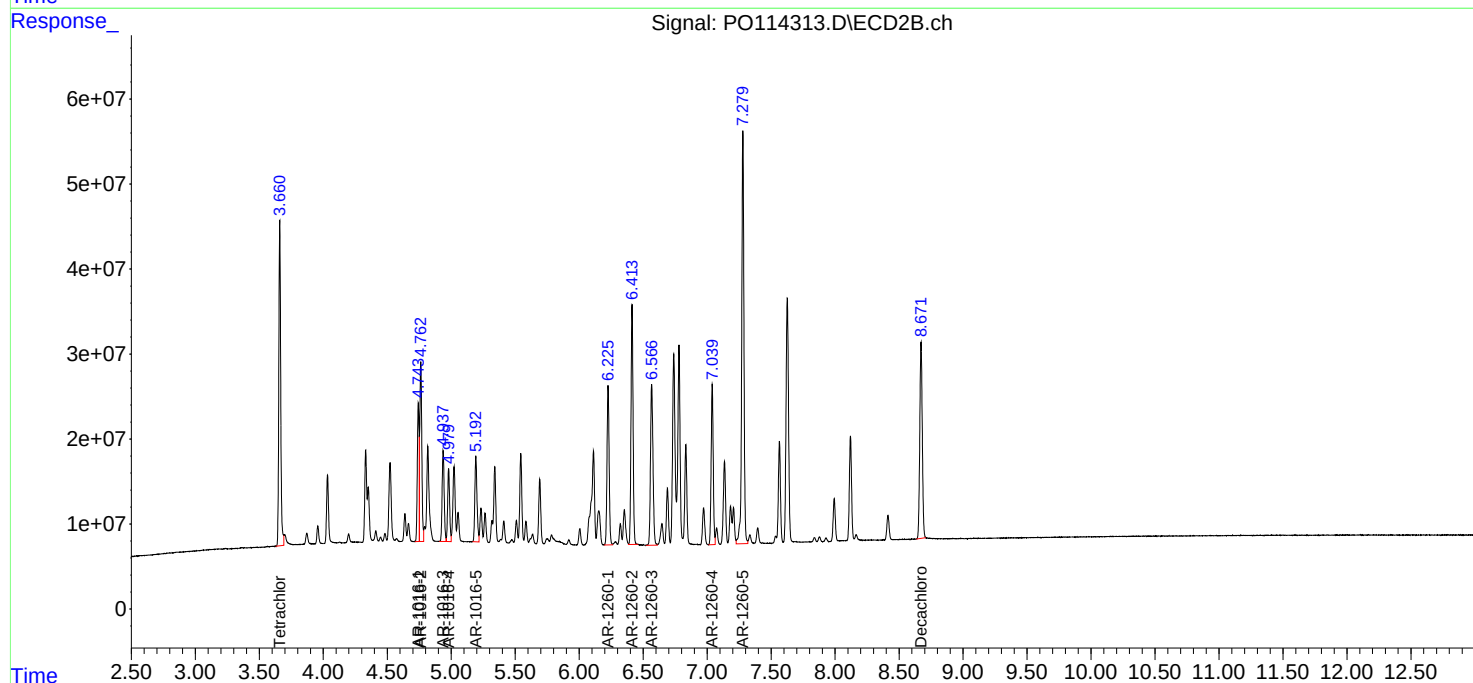
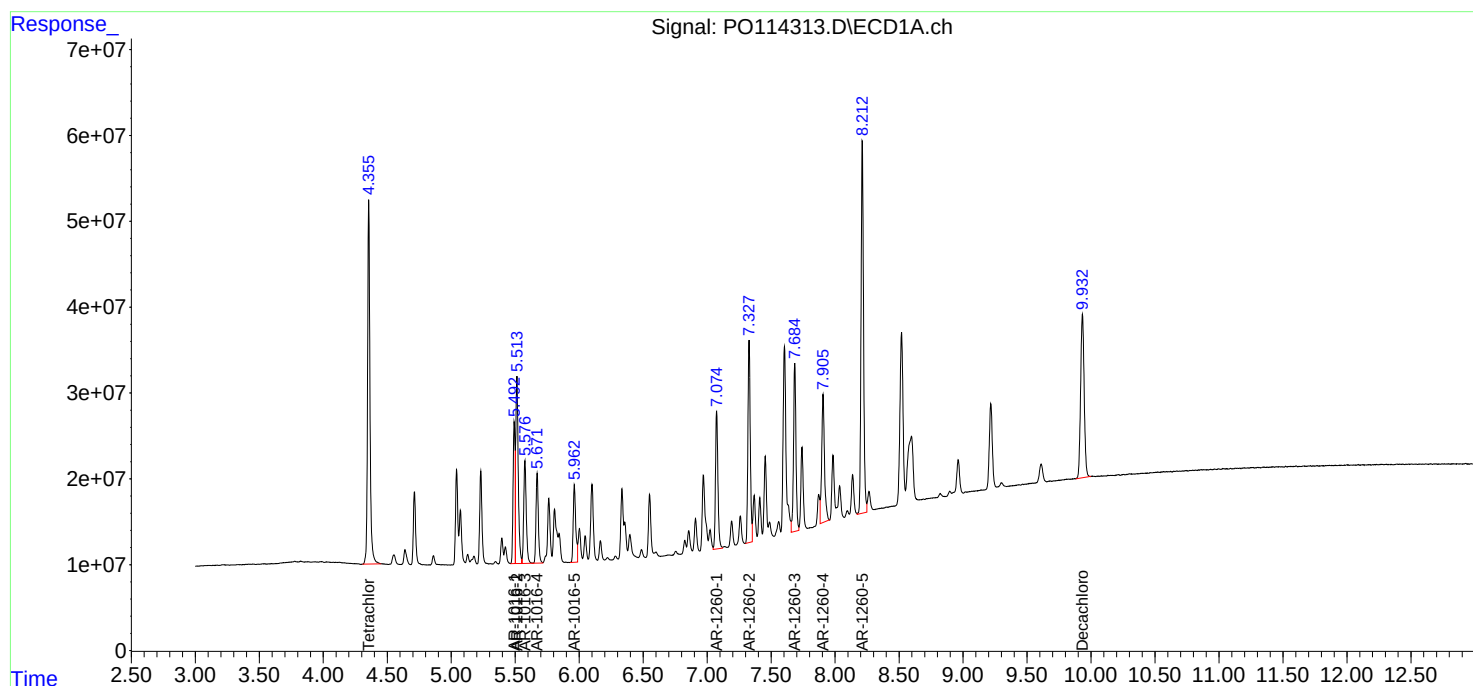
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114313.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 14:14  
Operator : YP/AJ  
Sample : AR1660ICC1000  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 09 15:15:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Oct 09 15:08:19 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114314.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 14:32  
 Operator : YP/AJ  
 Sample : AR1660ICC750  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 09 15:18:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Oct 09 15:08:19 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 4.356 | 3.660 | 425.8E6  | 305.3E6  | 75.918  | 75.721  |
| 2)                          | SA Decachlor... | 9.933 | 8.672 | 284.5E6  | 251.2E6  | 76.296  | 75.965  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 3)                          | L1 AR-1016-1    | 5.492 | 4.743 | 134.9E6  | 126.1E6  | 752.427 | 758.654 |
| 4)                          | L1 AR-1016-2    | 5.514 | 4.763 | 229.2E6  | 180.5E6  | 759.916 | 756.203 |
| 5)                          | L1 AR-1016-3    | 5.576 | 4.937 | 129.5E6  | 93180230 | 757.963 | 751.217 |
| 6)                          | L1 AR-1016-4    | 5.672 | 4.979 | 103.6E6  | 72379606 | 752.993 | 751.175 |
| 7)                          | L1 AR-1016-5    | 5.963 | 5.192 | 95827218 | 93472183 | 756.281 | 752.497 |
| 31)                         | L7 AR-1260-1    | 7.075 | 6.226 | 166.0E6  | 173.6E6  | 756.760 | 762.977 |
| 32)                         | L7 AR-1260-2    | 7.328 | 6.413 | 234.0E6  | 247.6E6  | 759.652 | 755.667 |
| 33)                         | L7 AR-1260-3    | 7.686 | 6.566 | 201.0E6  | 201.4E6  | 760.306 | 752.021 |
| 34)                         | L7 AR-1260-4    | 7.907 | 7.040 | 176.3E6  | 167.5E6  | 756.755 | 760.292 |
| 35)                         | L7 AR-1260-5    | 8.213 | 7.280 | 454.4E6  | 468.0E6  | 763.279 | 762.121 |
| -----                       |                 |       |       |          |          |         |         |

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

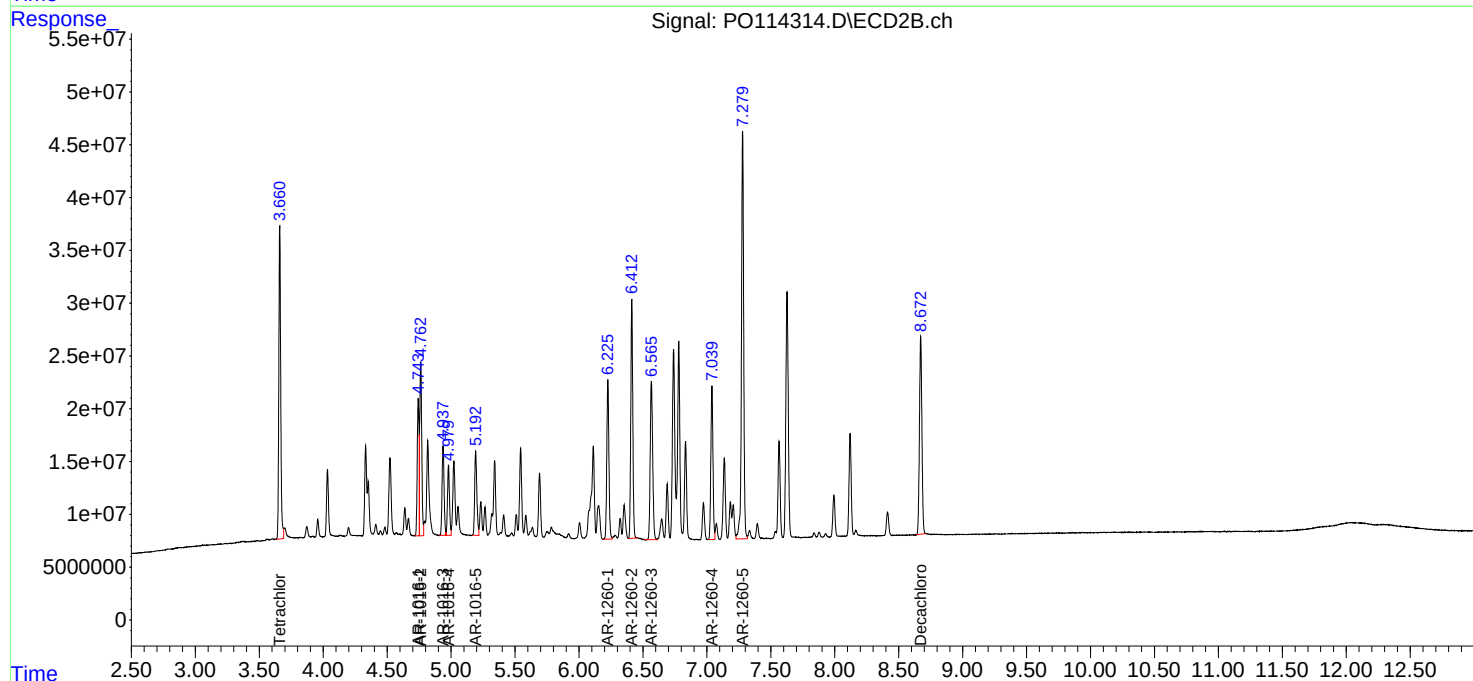
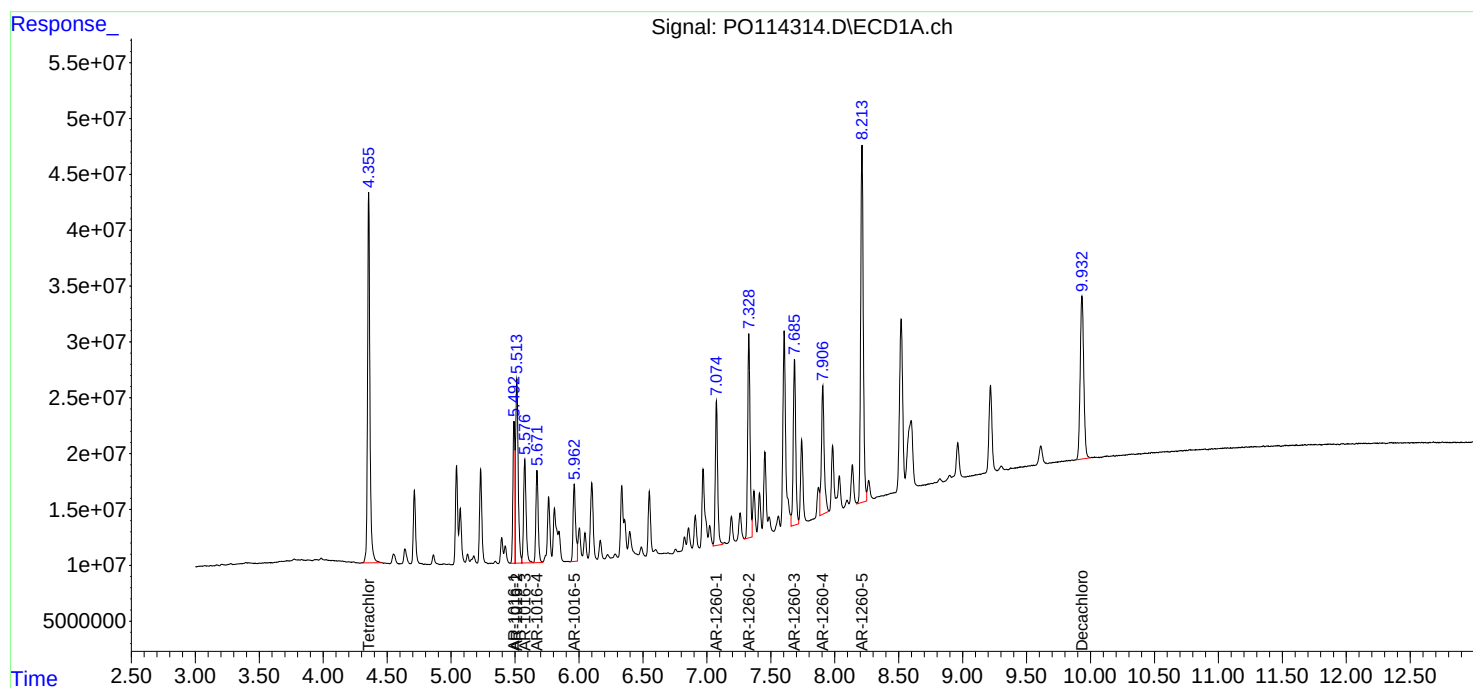


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114314.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 14:32  
Operator : YP/AJ  
Sample : AR1660ICC750  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 09 15:18:34 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Oct 09 15:08:19 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114315.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 14:50  
 Operator : YP/AJ  
 Sample : AR1660ICC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 09 15:08:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Oct 09 15:08:19 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.660 | 282.1E6  | 204.8E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 9.934 | 8.671 | 186.4E6  | 170.0E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.492 | 4.743 | 91928434 | 86181093 | 500.000 | 500.000 |
| 4) L1 AR-1016-2             | 5.514 | 4.762 | 152.6E6  | 122.9E6  | 500.000 | 500.000 |
| 5) L1 AR-1016-3             | 5.576 | 4.936 | 87130216 | 64110508 | 500.000 | 500.000 |
| 6) L1 AR-1016-4             | 5.671 | 4.979 | 70061287 | 50121323 | 500.000 | 500.000 |
| 7) L1 AR-1016-5             | 5.963 | 5.192 | 64454469 | 64334538 | 500.000 | 500.000 |
| 31) L7 AR-1260-1            | 7.075 | 6.225 | 111.4E6  | 117.8E6  | 500.000 | 500.000 |
| 32) L7 AR-1260-2            | 7.329 | 6.413 | 154.8E6  | 168.6E6  | 500.000 | 500.000 |
| 33) L7 AR-1260-3            | 7.685 | 6.566 | 132.9E6  | 139.2E6  | 500.000 | 500.000 |
| 34) L7 AR-1260-4            | 7.907 | 7.039 | 116.9E6  | 113.1E6  | 500.000 | 500.000 |
| 35) L7 AR-1260-5            | 8.213 | 7.279 | 296.8E6  | 311.7E6  | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

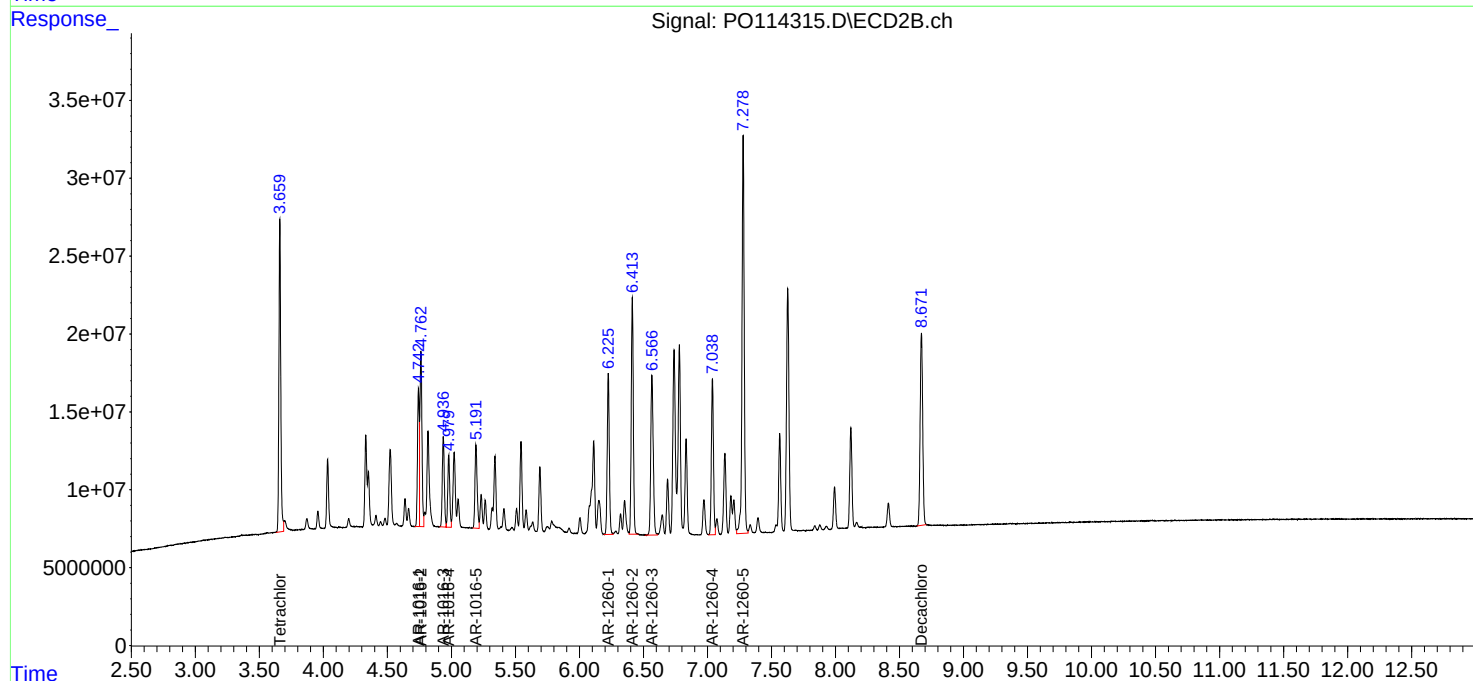
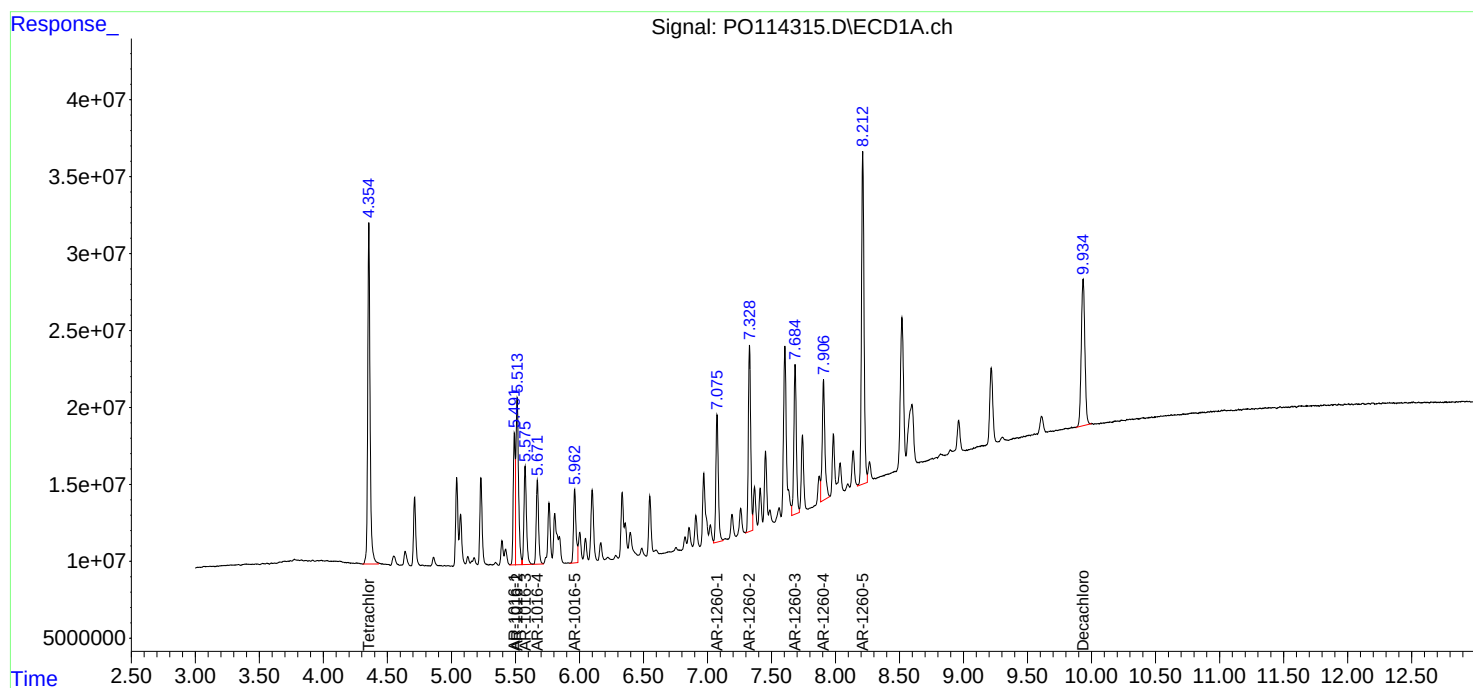
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114315.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 14:50  
Operator : YP/AJ  
Sample : AR1660ICC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 09 15:08:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Oct 09 15:08:19 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114316.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 15:09  
 Operator : YP/AJ  
 Sample : AR1660ICC250  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 09 15:23:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Oct 09 15:23:24 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.660 | 138.8E6  | 102.9E6  | 24.811  | 25.392  |
| 2) SA Decachlor...          | 9.934 | 8.671 | 91623451 | 87271717 | 24.680  | 26.033  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.493 | 4.743 | 45830716 | 44646263 | 254.168 | 263.636 |
| 4) L1 AR-1016-2             | 5.514 | 4.762 | 78785225 | 63226166 | 258.341 | 261.044 |
| 5) L1 AR-1016-3             | 5.576 | 4.937 | 45626305 | 32771742 | 262.572 | 260.505 |
| 6) L1 AR-1016-4             | 5.672 | 4.979 | 35592047 | 25674514 | 256.513 | 262.143 |
| 7) L1 AR-1016-5             | 5.962 | 5.192 | 32548646 | 33560019 | 255.123 | 264.832 |
| 31) L7 AR-1260-1            | 7.075 | 6.225 | 54646550 | 61418348 | 249.386 | 264.632 |
| 32) L7 AR-1260-2            | 7.328 | 6.413 | 76791974 | 87622306 | 249.438 | 262.862 |
| 33) L7 AR-1260-3            | 7.685 | 6.566 | 65114275 | 74109581 | 247.187 | 269.530 |
| 34) L7 AR-1260-4            | 7.906 | 7.039 | 58192264 | 58227692 | 249.787 | 260.631 |
| 35) L7 AR-1260-5            | 8.213 | 7.279 | 145.3E6  | 158.1E6  | 245.512 | 255.506 |
| -----                       |       |       |          |          |         |         |

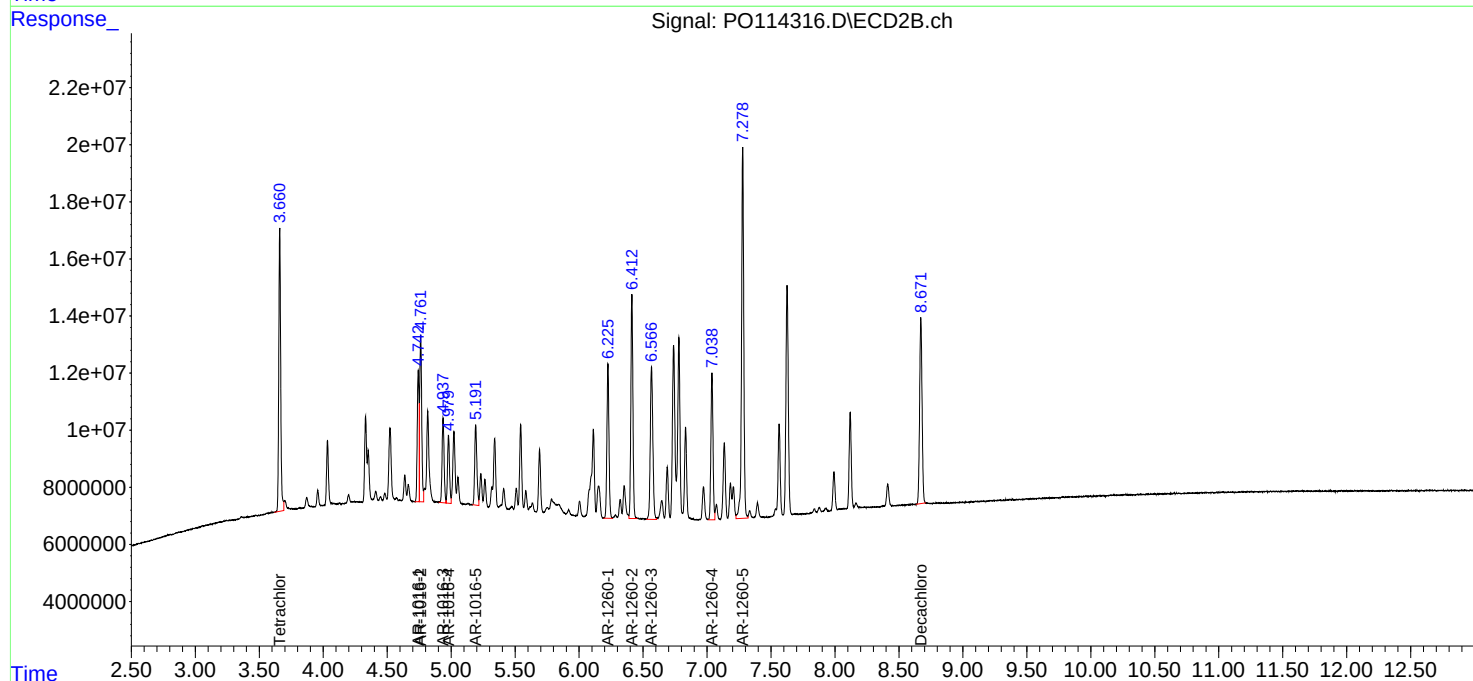
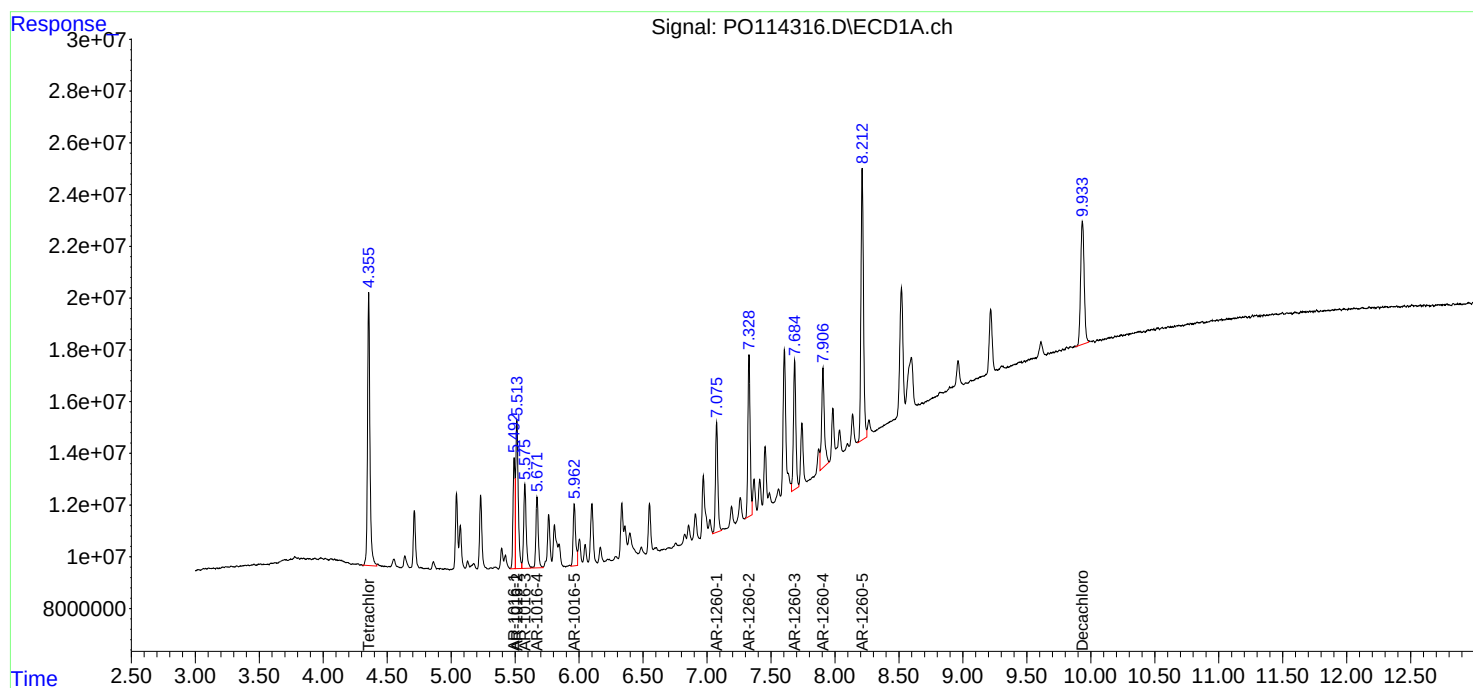
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114316.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 15:09  
Operator : YP/AJ  
Sample : AR1660ICC250  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 09 15:23:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Oct 09 15:23:24 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114317.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 15:27  
 Operator : YP/AJ  
 Sample : AR1660ICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660ICC050

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 09 15:50:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Oct 09 15:49:52 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-------|-------|----------|----------|---------|----------|
| -----                       |       |       |          |          |         |          |
| System Monitoring Compounds |       |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.356 | 3.660 | 23830001 | 18995089 | 4.389   | 4.746    |
| 2) SA Decachlor...          | 9.932 | 8.671 | 16779332 | 16282457 | 4.608   | 4.885    |
| Target Compounds            |       |       |          |          |         |          |
| 3) L1 AR-1016-1             | 5.493 | 4.742 | 9026038  | 8226466  | 50.045  | 48.855   |
| 4) L1 AR-1016-2             | 5.514 | 4.762 | 15081209 | 12067905 | 49.561  | 49.860   |
| 5) L1 AR-1016-3             | 5.576 | 4.937 | 9459697  | 5878216  | 53.489  | 47.346   |
| 6) L1 AR-1016-4             | 5.672 | 4.979 | 6637903  | 4543186  | 48.257  | 47.067   |
| 7) L1 AR-1016-5             | 5.963 | 5.193 | 6050400  | 6619465  | 47.918  | 51.773   |
| 31) L7 AR-1260-1            | 7.074 | 6.225 | 10657906 | 12452970 | 48.905  | 52.883   |
| 32) L7 AR-1260-2            | 7.327 | 6.412 | 15554062 | 16929233 | 50.650m | 50.627   |
| 33) L7 AR-1260-3            | 7.685 | 6.566 | 11433440 | 18743632 | 44.580  | 63.550 # |
| 34) L7 AR-1260-4            | 7.906 | 7.039 | 11636453 | 11045144 | 49.959  | 49.550   |
| 35) L7 AR-1260-5            | 8.213 | 7.279 | 26688091 | 29514111 | 46.001  | 48.150   |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114317.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 15:27  
Operator : YP/AJ  
Sample : AR1660ICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

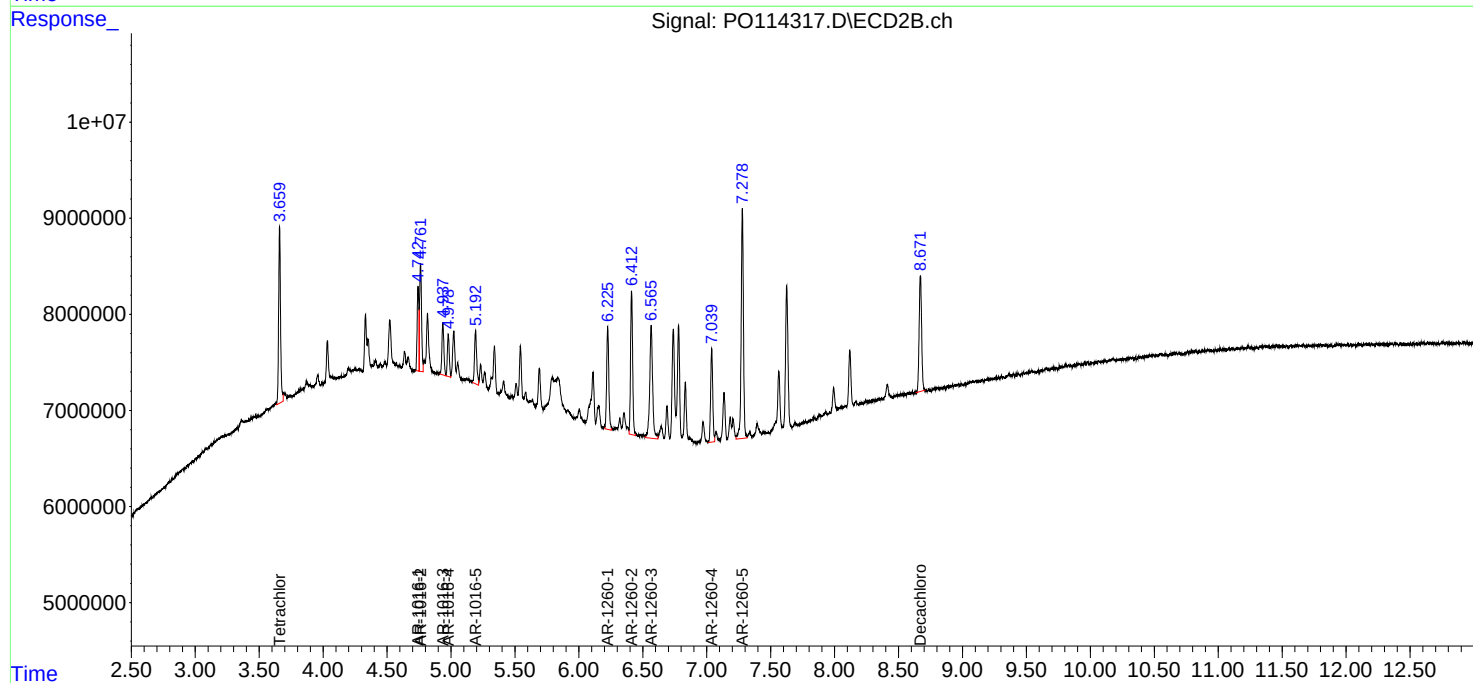
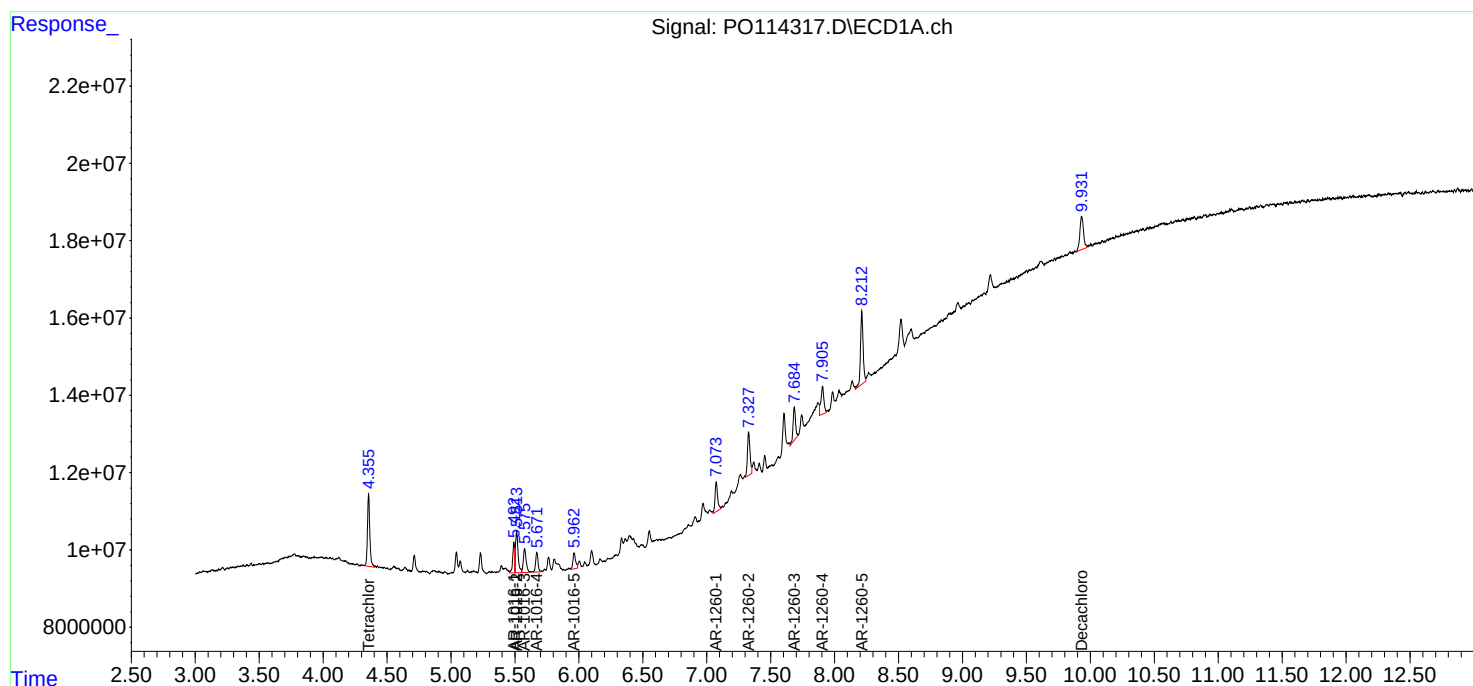
Instrument :  
ECD\_O  
ClientSampleId :  
AR1660ICC050

Manual Integrations  
APPROVED

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 09 15:50:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Oct 09 15:49:52 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114318.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 15:45  
 Operator : YP/AJ  
 Sample : AR1221ICC500  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1221ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 02:19:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 02:14:21 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.356 | 3.660 | 288.6E6  | 207.2E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 9.933 | 8.671 | 186.4E6  | 175.2E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 8) L2 AR-1221-1             | 4.556 | 3.873 | 32514894 | 27415988 | 500.000 | 500.000 |
| 9) L2 AR-1221-2             | 4.639 | 3.957 | 22925746 | 20232677 | 500.000 | 500.000 |
| 10) L2 AR-1221-3            | 4.713 | 4.034 | 75238574 | 64224491 | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

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

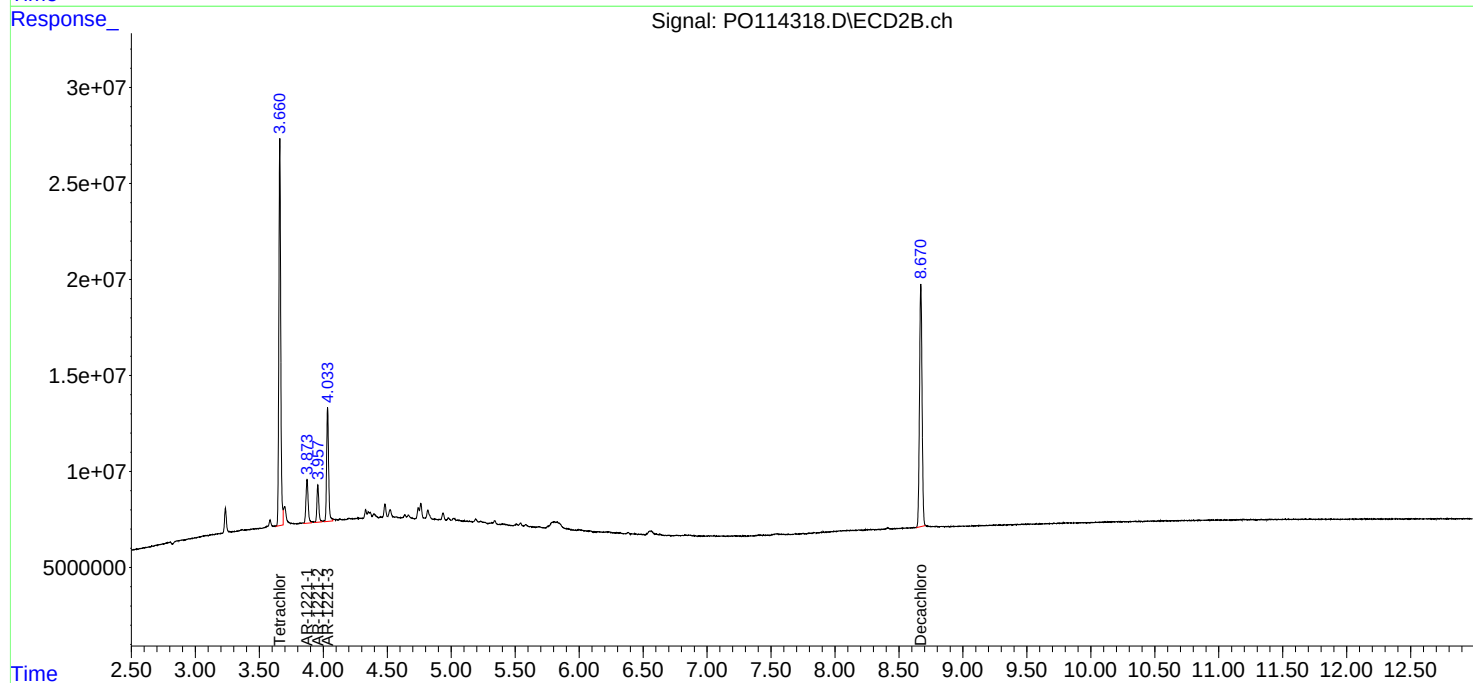
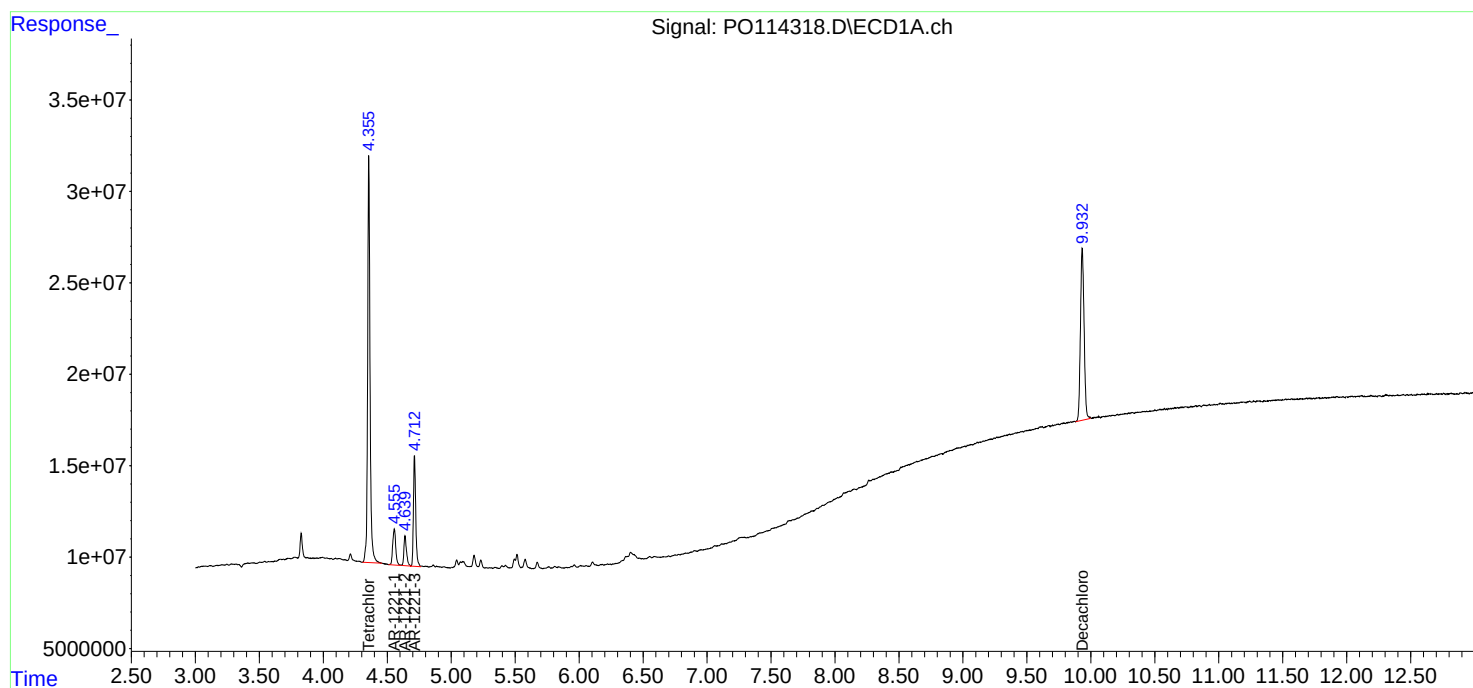


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO100925\  
Data File : PO114318.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 15:45  
Operator : YP/AJ  
Sample : AR1221ICC500  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 02:19:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 02:14:21 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114319.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 16:04  
 Operator : YP/AJ  
 Sample : AR1232ICC500  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1232ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 02:41:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 02:30:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.356 | 3.660 | 302.6E6  | 220.9E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 9.934 | 8.672 | 196.9E6  | 187.6E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.713 | 4.034 | 61030294 | 52326043 | 500.000 | 500.000 |
| 12) L3 AR-1232-2            | 5.232 | 4.762 | 27033006 | 51440164 | 500.000 | 500.000 |
| 13) L3 AR-1232-3            | 5.515 | 4.937 | 60677577 | 25618572 | 500.000 | 500.000 |
| 14) L3 AR-1232-4            | 5.673 | 5.022 | 27015759 | 21817348 | 500.000 | 500.000 |
| 15) L3 AR-1232-5            | 5.764 | 5.192 | 18674393 | 24026014 | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

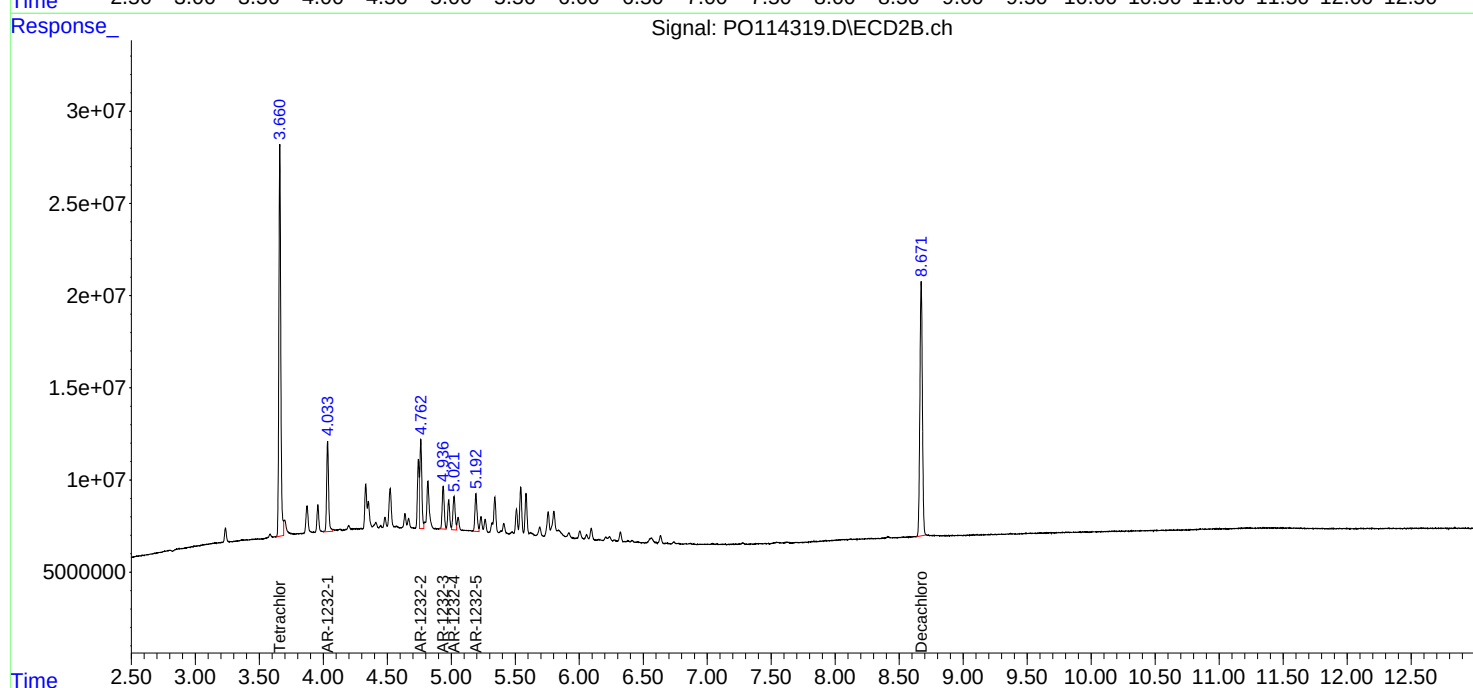
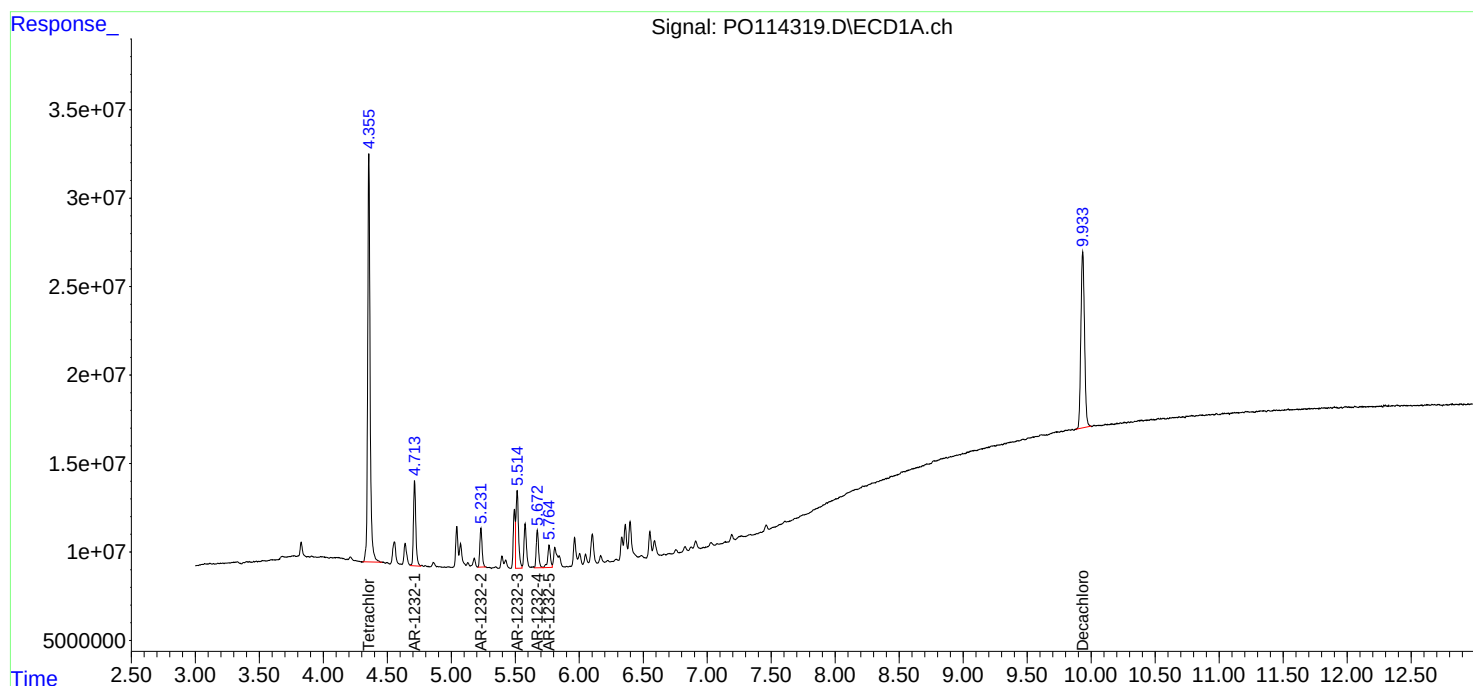
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114319.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 16:04  
Operator : YP/AJ  
Sample : AR1232ICC500  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1232ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 02:41:46 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 02:30:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114320.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 16:22  
 Operator : YP/AJ  
 Sample : AR1242ICC1000  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:01:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 02:58:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.660 | 580.4E6  | 443.2E6  | 98.479  | 101.194 |
| 2) SA Decachlor...          | 9.933 | 8.672 | 380.3E6  | 351.7E6  | 98.499  | 93.601  |
| Target Compounds            |       |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.493 | 4.743 | 126.7E6  | 122.5E6  | 938.425 | 935.032 |
| 17) L4 AR-1242-2            | 5.514 | 4.762 | 212.4E6  | 175.9E6  | 955.211 | 941.677 |
| 18) L4 AR-1242-3            | 5.576 | 4.937 | 119.1E6  | 92492282 | 947.715 | 943.100 |
| 19) L4 AR-1242-4            | 5.672 | 5.021 | 99737299 | 86300671 | 972.751 | 935.003 |
| 20) L4 AR-1242-5            | 6.397 | 5.542 | 103.0E6  | 113.1E6  | 921.866 | 921.779 |
| -----                       |       |       |          |          |         |         |

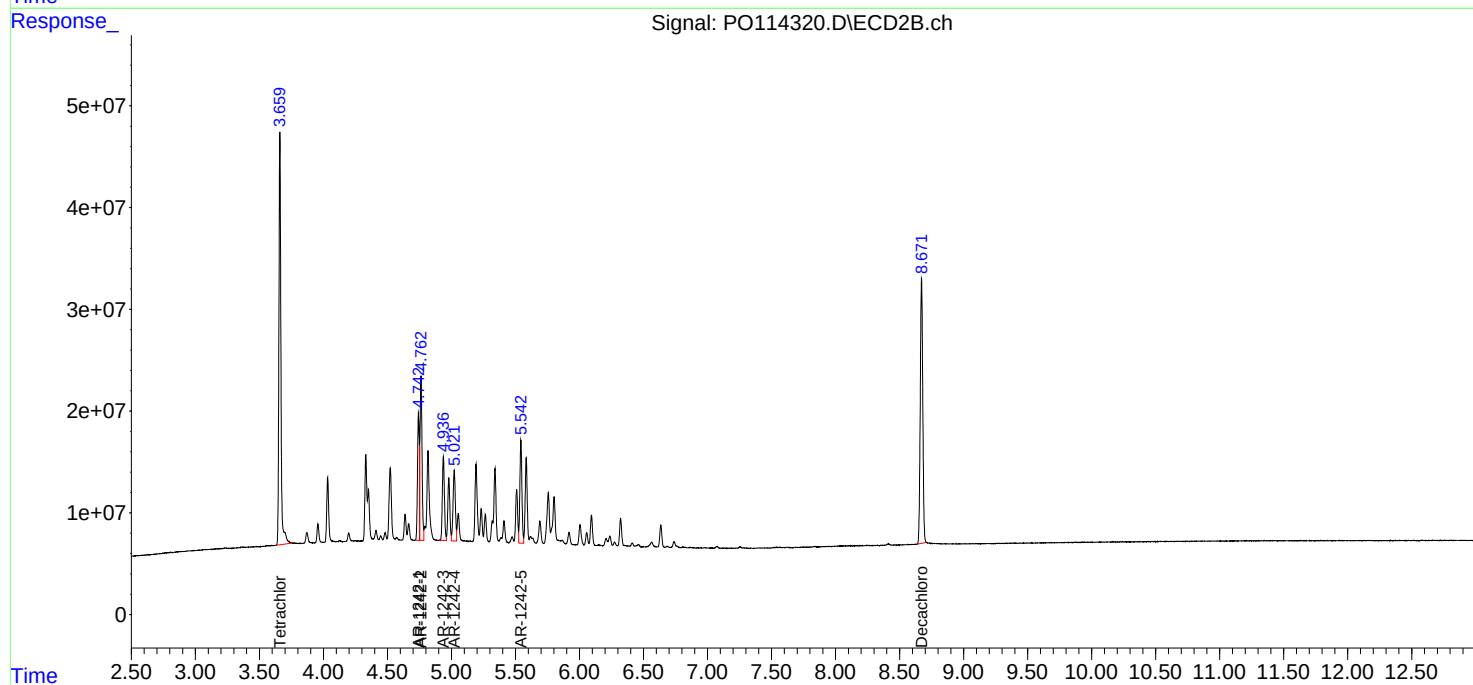
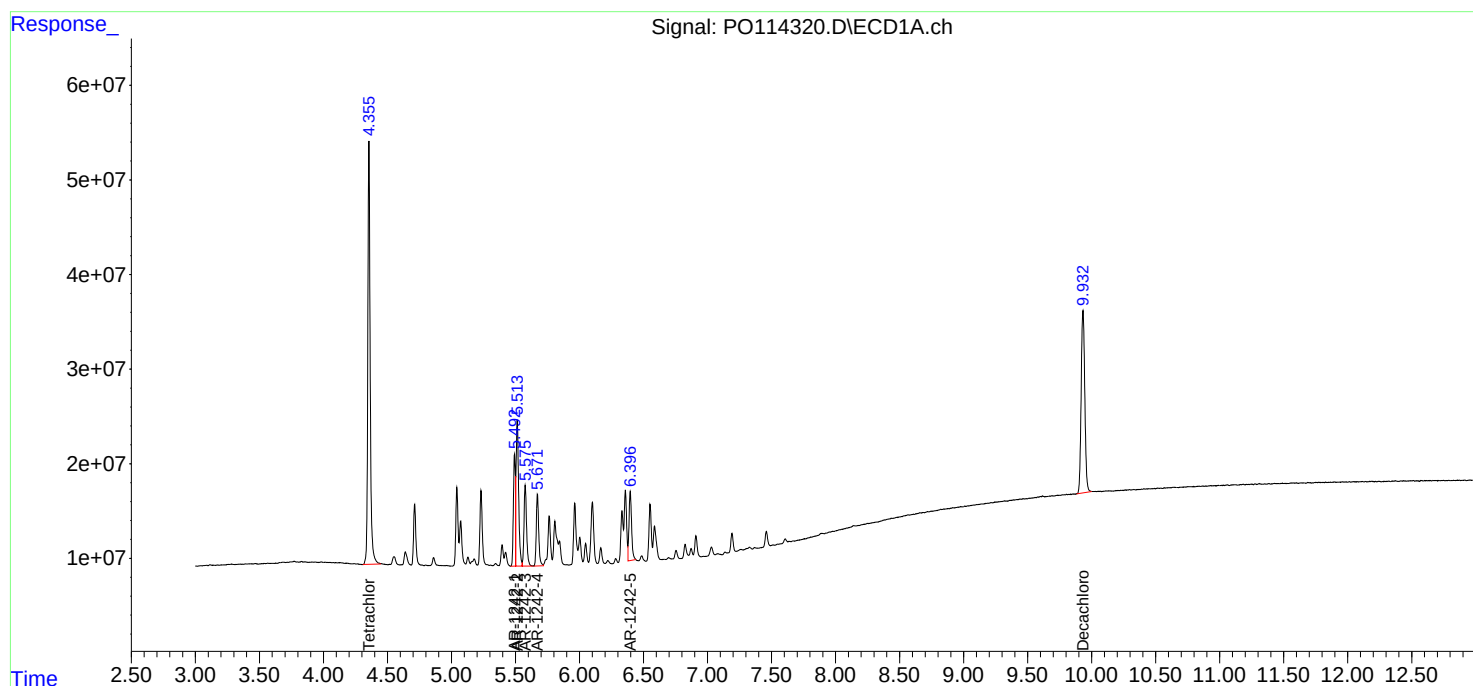
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114320.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 16:22  
Operator : YP/AJ  
Sample : AR1242ICC1000  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:01:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 02:58:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114321.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 16:40  
 Operator : YP/AJ  
 Sample : AR1242ICC750  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:02:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 02:58:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.356 | 3.660 | 444.7E6  | 330.9E6  | 75.444  | 75.556  |
| 2) SA Decachlor...          | 9.932 | 8.669 | 293.2E6  | 276.1E6  | 75.944  | 73.487  |
| Target Compounds            |       |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.492 | 4.742 | 99134451 | 96798286 | 734.219 | 738.861 |
| 17) L4 AR-1242-2            | 5.513 | 4.761 | 164.9E6  | 137.4E6  | 741.436 | 735.962 |
| 18) L4 AR-1242-3            | 5.576 | 4.936 | 93091498 | 72083589 | 740.483 | 735.002 |
| 19) L4 AR-1242-4            | 5.671 | 5.021 | 76402643 | 67429306 | 745.165 | 730.546 |
| 20) L4 AR-1242-5            | 6.396 | 5.541 | 79672910 | 89372310 | 712.759 | 728.108 |
| -----                       |       |       |          |          |         |         |

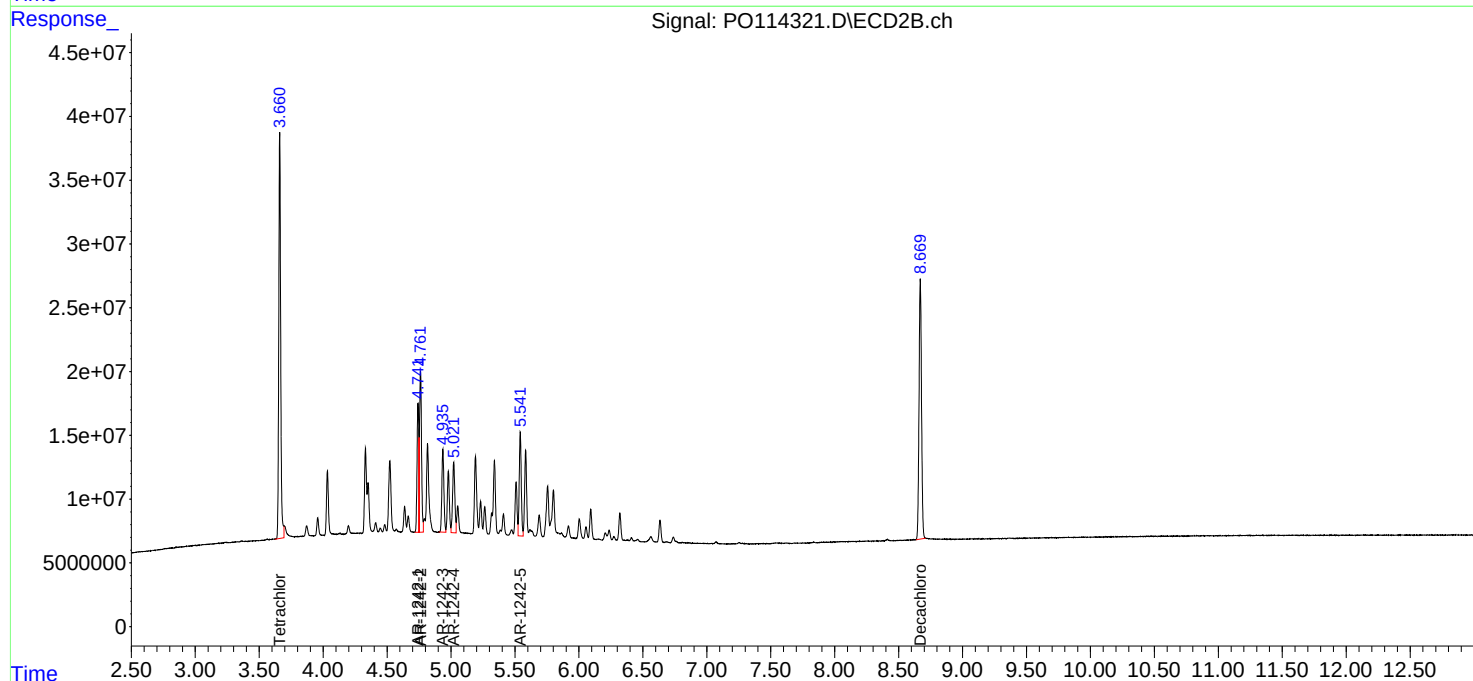
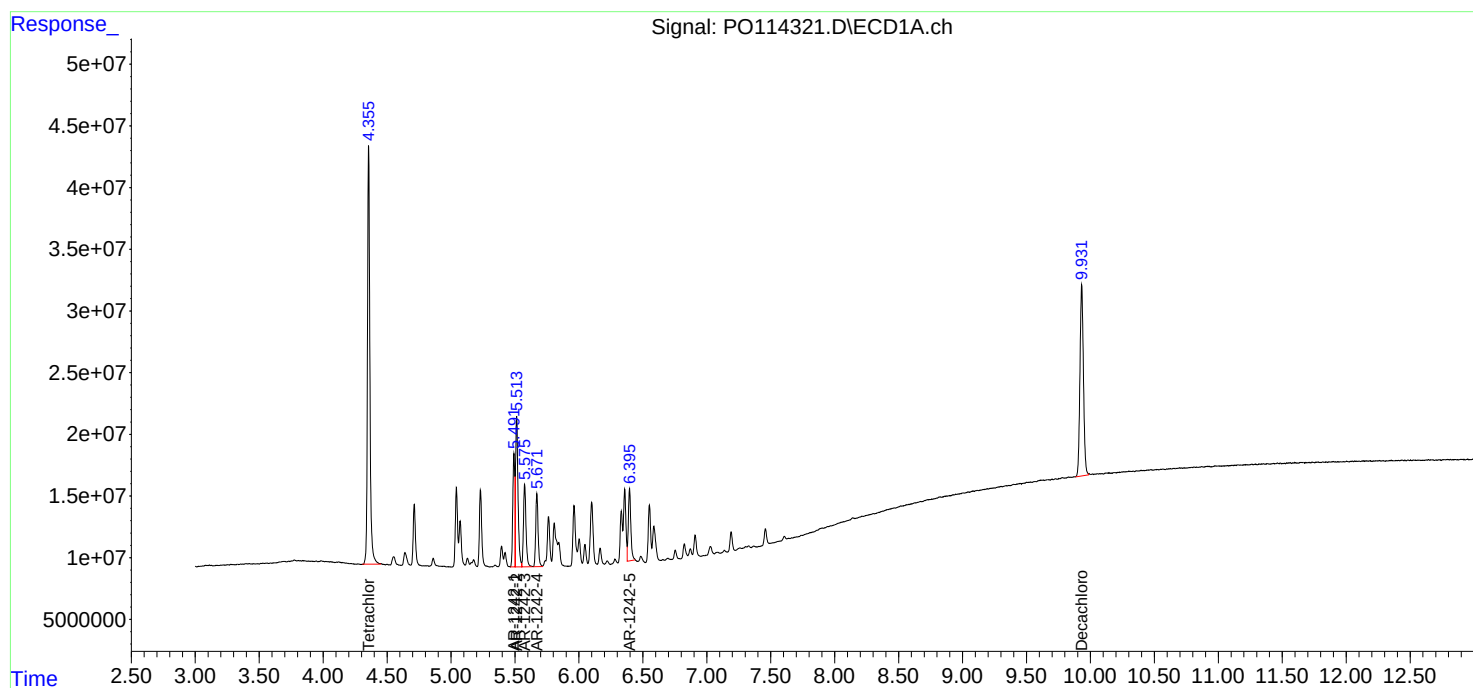
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114321.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 16:40  
Operator : YP/AJ  
Sample : AR1242ICC750  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:02:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 02:58:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114322.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 16:59  
 Operator : YP/AJ  
 Sample : AR1242ICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 02:58:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 02:58:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 4.356 | 3.660 | 294.7E6  | 219.0E6  | 50.000  | 50.000  |
| 2)                          | SA Decachlor... | 9.934 | 8.671 | 193.1E6  | 187.9E6  | 50.000  | 50.000  |
|                             |                 |       |       |          |          |         |         |
| Target Compounds            |                 |       |       |          |          |         |         |
| 16)                         | L4 AR-1242-1    | 5.493 | 4.742 | 67510129 | 65505040 | 500.000 | 500.000 |
| 17)                         | L4 AR-1242-2    | 5.515 | 4.762 | 111.2E6  | 93376496 | 500.000 | 500.000 |
| 18)                         | L4 AR-1242-3    | 5.577 | 4.936 | 62858607 | 49036326 | 500.000 | 500.000 |
| 19)                         | L4 AR-1242-4    | 5.673 | 5.021 | 51265559 | 46149944 | 500.000 | 500.000 |
| 20)                         | L4 AR-1242-5    | 6.397 | 5.542 | 55890505 | 61372959 | 500.000 | 500.000 |
| -----                       |                 |       |       |          |          |         |         |

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

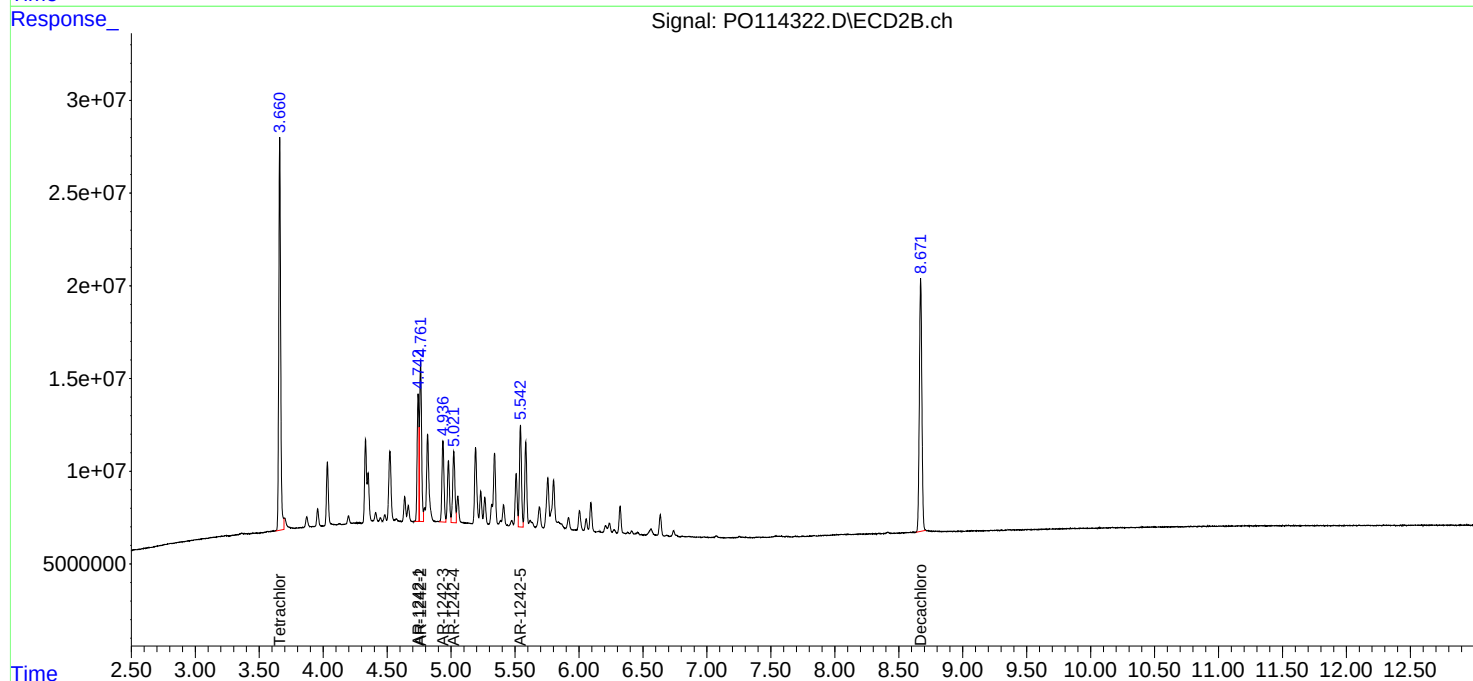
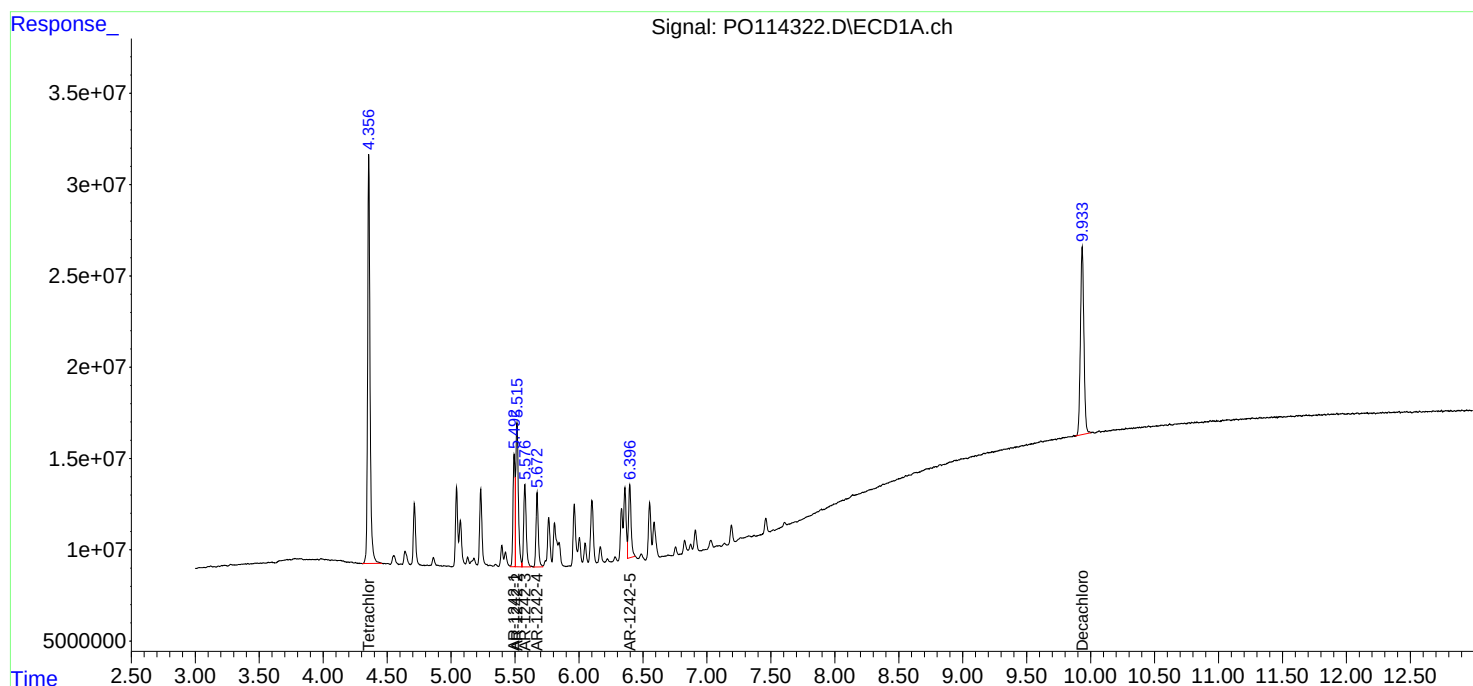


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114322.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 16:59  
Operator : YP/AJ  
Sample : AR1242ICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 02:58:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 02:58:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114323.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 17:17  
 Operator : YP/AJ  
 Sample : AR1242ICC250  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:02:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 02:58:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.659 | 147.9E6  | 111.8E6  | 25.093  | 25.526  |
| 2) SA Decachlor...          | 9.933 | 8.670 | 95848992 | 95892045 | 24.825  | 25.520  |
| Target Compounds            |       |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.492 | 4.742 | 33811575 | 34309165 | 250.419 | 261.882 |
| 17) L4 AR-1242-2            | 5.513 | 4.761 | 56611093 | 47914263 | 254.601 | 256.565 |
| 18) L4 AR-1242-3            | 5.576 | 4.936 | 32886335 | 24900249 | 261.590 | 253.896 |
| 19) L4 AR-1242-4            | 5.671 | 5.021 | 26374184 | 23713234 | 257.231 | 256.915 |
| 20) L4 AR-1242-5            | 6.396 | 5.541 | 30880476 | 31996350 | 276.259 | 260.671 |
| -----                       |       |       |          |          |         |         |

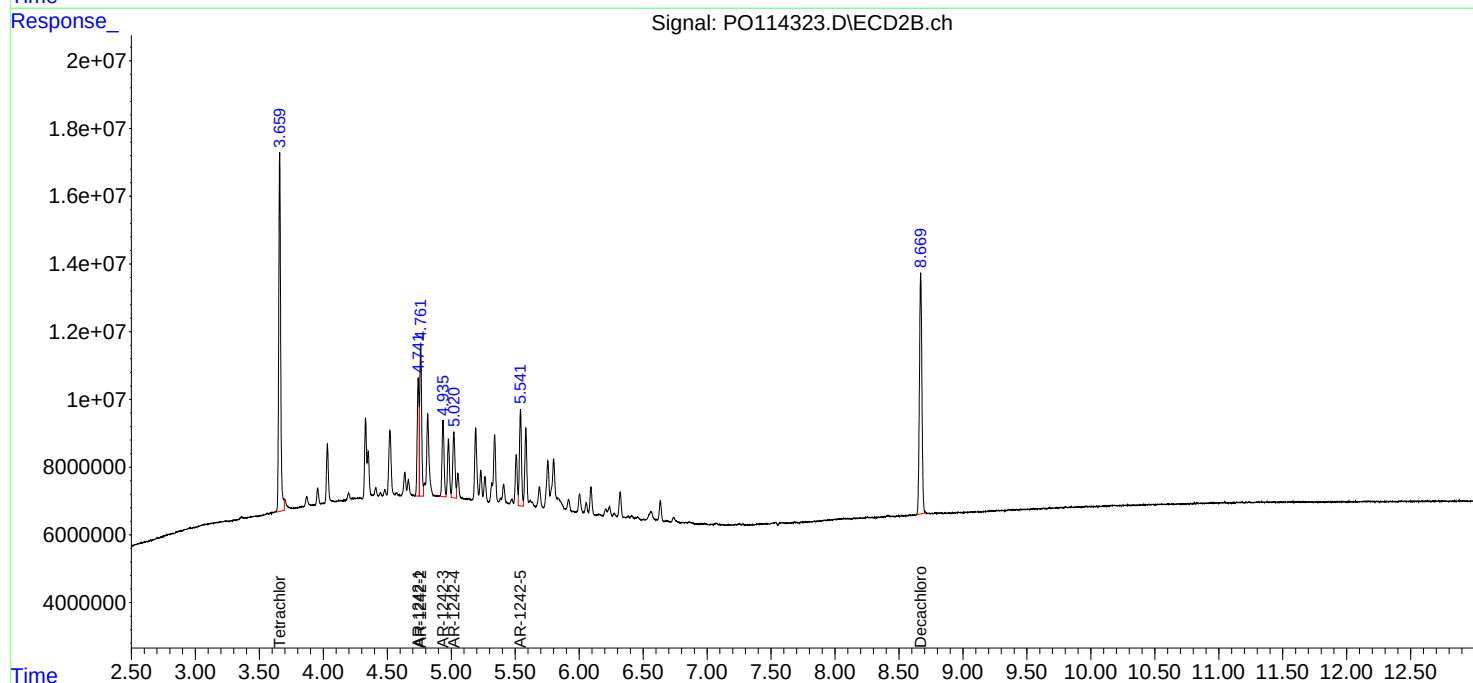
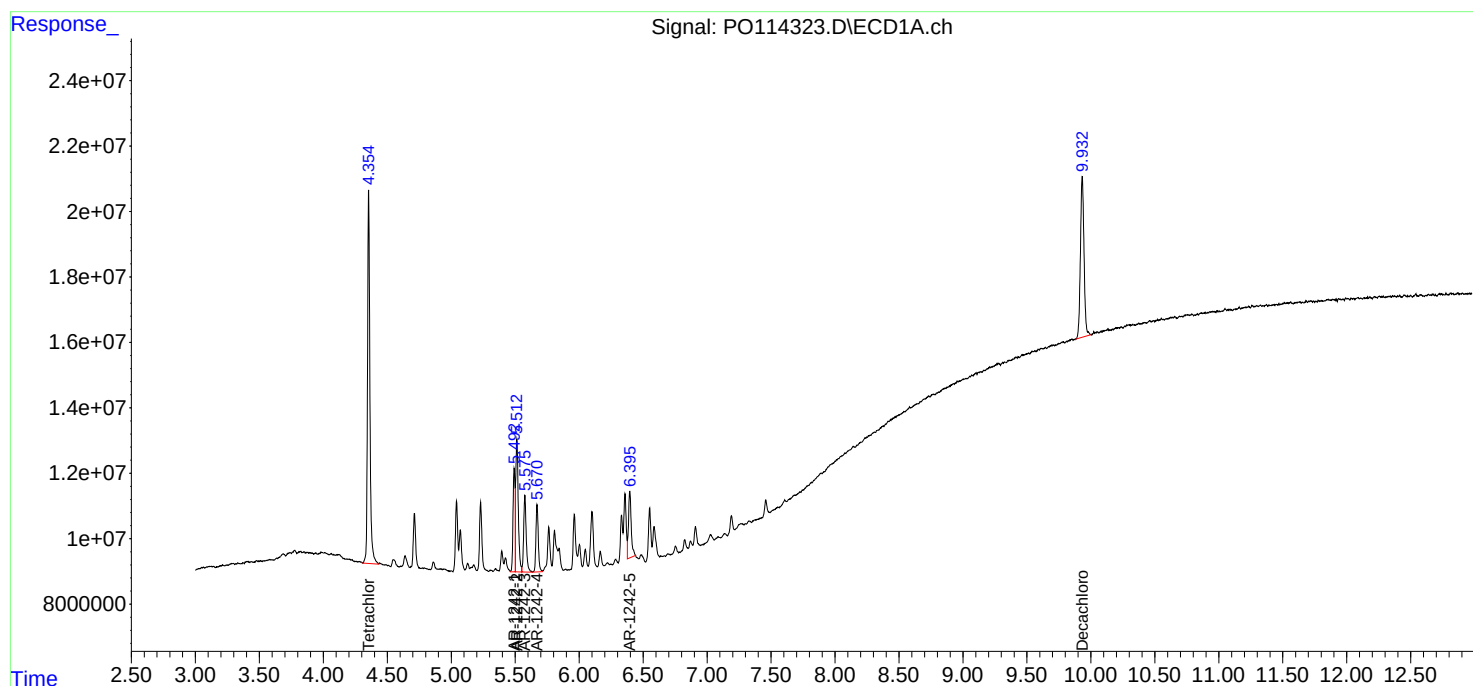
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114323.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 17:17  
Operator : YP/AJ  
Sample : AR1242ICC250  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:02:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 02:58:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114324.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 17:35  
 Operator : YP/AJ  
 Sample : AR1242ICC050  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242ICC050

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:02:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 02:58:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-------|-------|----------|----------|---------|--------|
| -----                       |       |       |          |          |         |        |
| System Monitoring Compounds |       |       |          |          |         |        |
| 1) SA Tetrachlo...          | 4.355 | 3.660 | 27271585 | 21243716 | 4.627   | 4.850  |
| 2) SA Decachlor...          | 9.932 | 8.669 | 17624605 | 18885026 | 4.565   | 5.026  |
| Target Compounds            |       |       |          |          |         |        |
| 16) L4 AR-1242-1            | 5.493 | 4.742 | 6433317  | 6662721  | 47.647  | 50.857 |
| 17) L4 AR-1242-2            | 5.513 | 4.761 | 10837885 | 9820361  | 48.742  | 52.585 |
| 18) L4 AR-1242-3            | 5.576 | 4.936 | 5805995  | 4612208  | 46.183  | 47.028 |
| 19) L4 AR-1242-4            | 5.671 | 5.020 | 5166859  | 4917953  | 50.393  | 53.282 |
| 20) L4 AR-1242-5            | 6.396 | 5.542 | 6729455  | 6488205  | 60.202m | 52.859 |
| -----                       |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO100925\  
Data File : PO114324.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 17:35  
Operator : YP/AJ  
Sample : AR1242ICC050  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

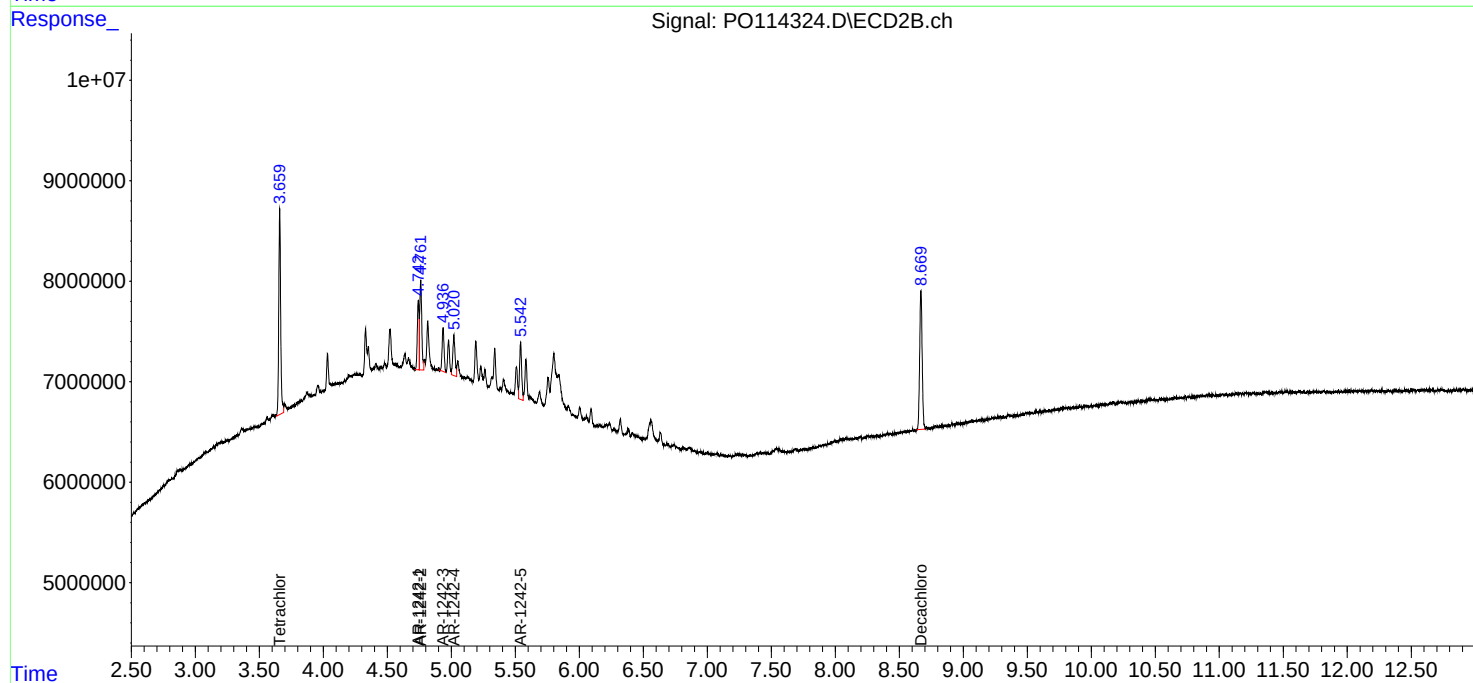
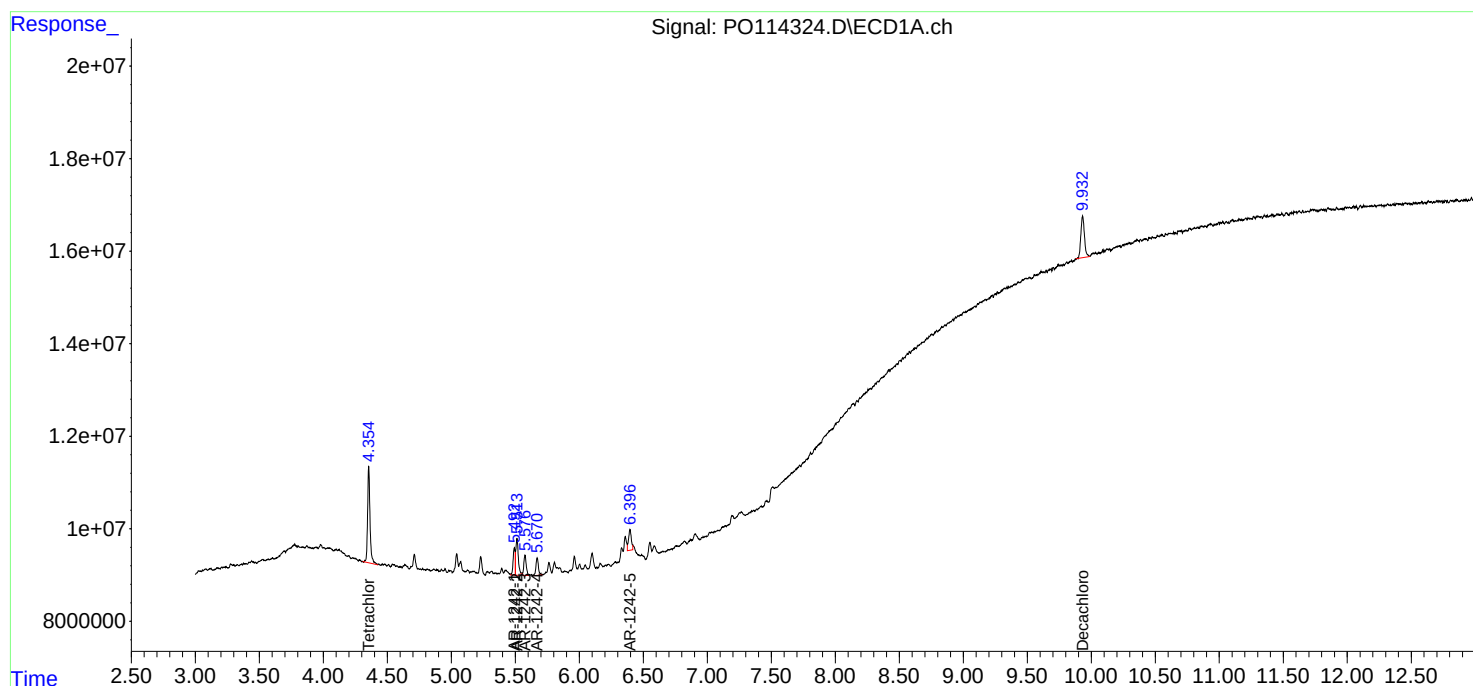
Instrument :  
ECD\_0  
ClientSampleId :  
AR1242ICC050

Manual Integrations  
APPROVED

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:02:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 02:58:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114325.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 17:54  
 Operator : YP/AJ  
 Sample : AR1248ICC1000  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:20:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 03:15:58 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.356 | 3.660 | 577.9E6  | 443.1E6  | 94.475  | 94.719  |
| 2) SA Decachlor...          | 9.931 | 8.669 | 381.6E6  | 366.1E6  | 96.432  | 92.646  |
| Target Compounds            |       |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.493 | 4.742 | 98567829 | 94570009 | 928.313 | 912.888 |
| 22) L5 AR-1248-2            | 5.763 | 4.979 | 137.9E6  | 125.5E6  | 941.077 | 911.660 |
| 23) L5 AR-1248-3            | 5.963 | 5.021 | 151.7E6  | 130.7E6  | 928.168 | 912.314 |
| 24) L5 AR-1248-4            | 6.358 | 5.191 | 182.2E6  | 154.7E6  | 929.888 | 915.281 |
| 25) L5 AR-1248-5            | 6.396 | 5.583 | 174.5E6  | 159.8E6  | 914.994 | 921.033 |
| -----                       |       |       |          |          |         |         |

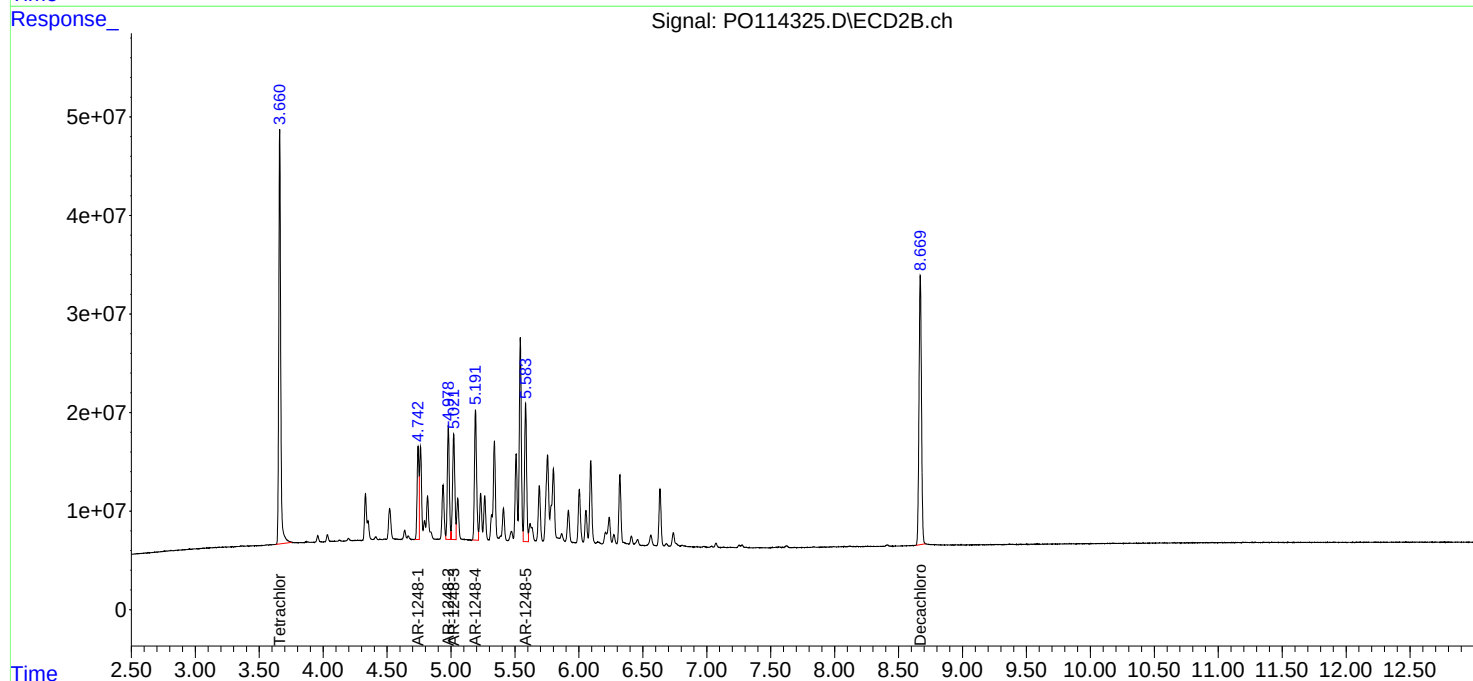
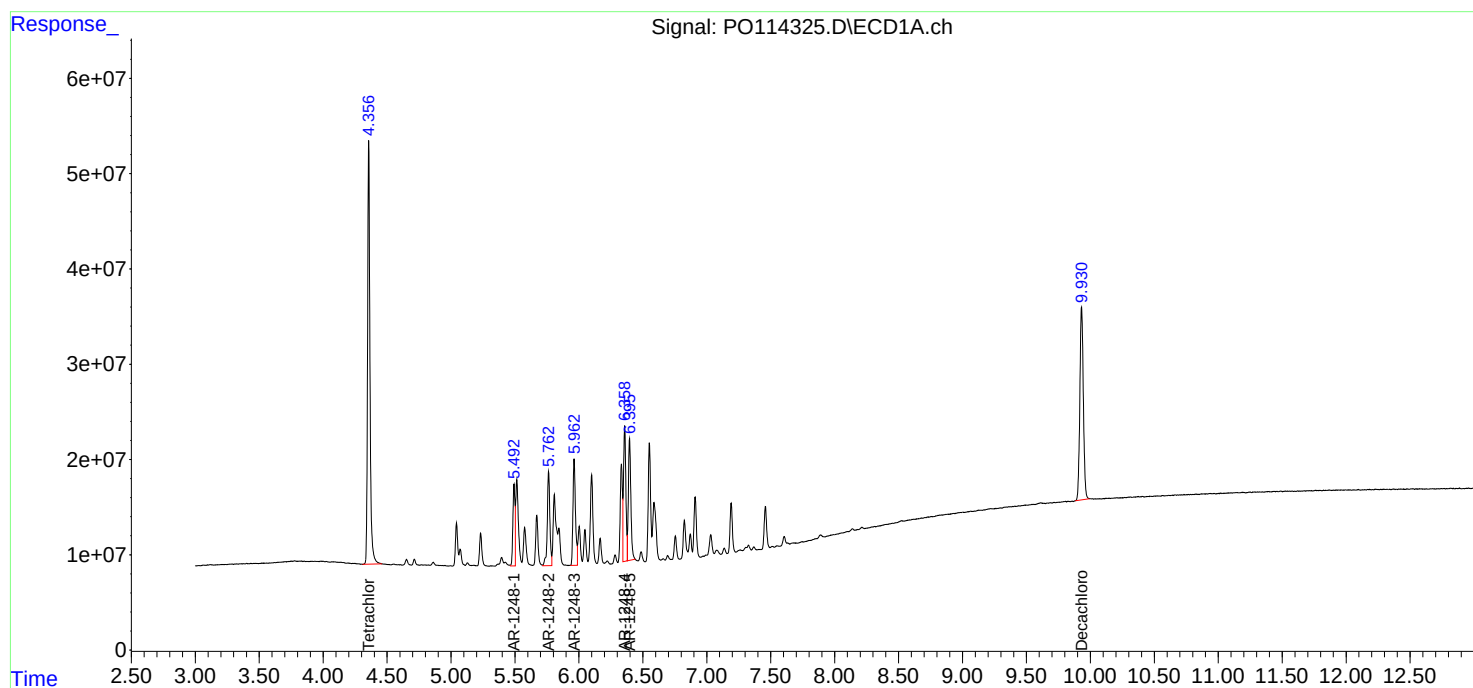
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114325.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 17:54  
Operator : YP/AJ  
Sample : AR1248ICC1000  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:20:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 03:15:58 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114326.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 18:12  
 Operator : YP/AJ  
 Sample : AR1248ICC750  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:20:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 03:15:58 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.660 | 453.4E6  | 347.6E6  | 74.110  | 74.302  |
| 2) SA Decachlor...          | 9.934 | 8.670 | 295.3E6  | 287.5E6  | 74.613  | 72.751  |
|                             |       |       |          |          |         |         |
| Target Compounds            |       |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.493 | 4.742 | 76602229 | 74553202 | 721.441 | 719.665 |
| 22) L5 AR-1248-2            | 5.764 | 4.978 | 106.9E6  | 99975147 | 729.538 | 726.229 |
| 23) L5 AR-1248-3            | 5.963 | 5.020 | 119.5E6  | 104.3E6  | 731.245 | 727.518 |
| 24) L5 AR-1248-4            | 6.359 | 5.191 | 143.0E6  | 122.7E6  | 729.751 | 725.750 |
| 25) L5 AR-1248-5            | 6.397 | 5.583 | 137.7E6  | 126.3E6  | 721.883 | 727.694 |
| -----                       |       |       |          |          |         |         |

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

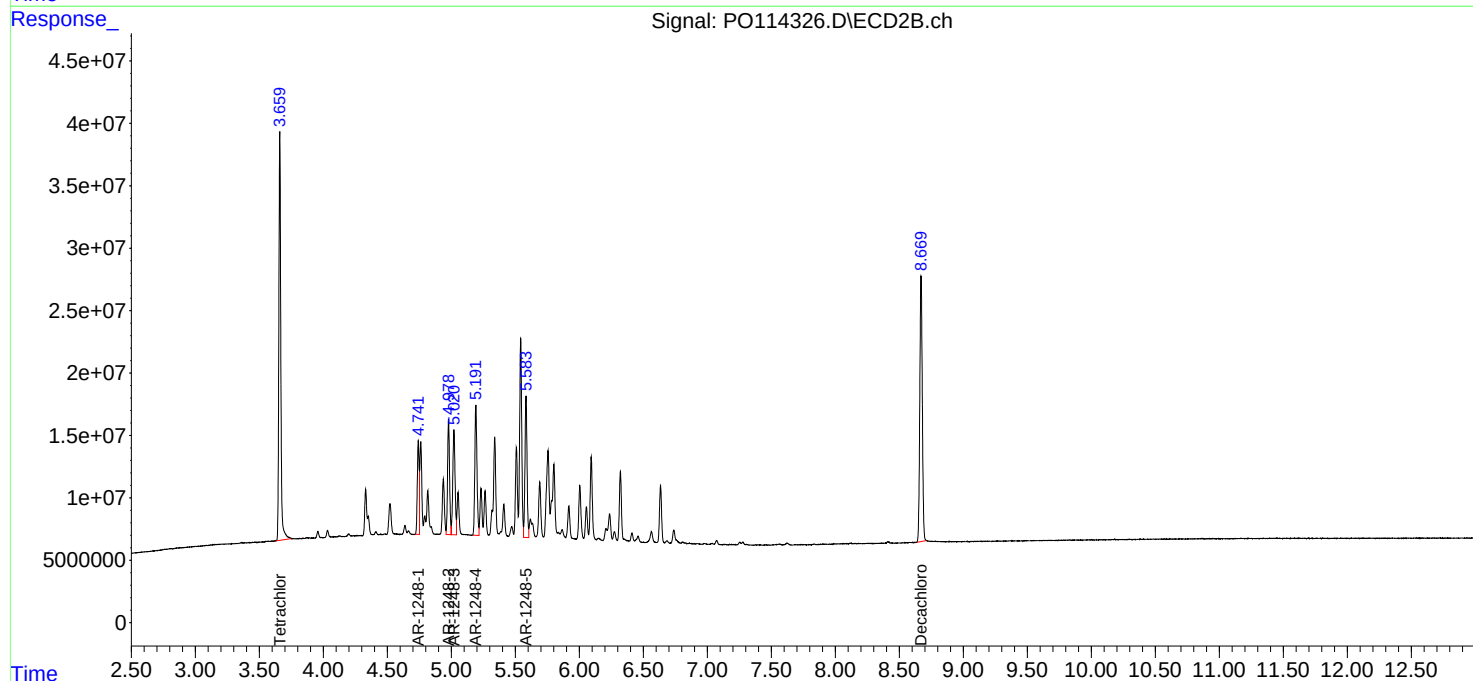
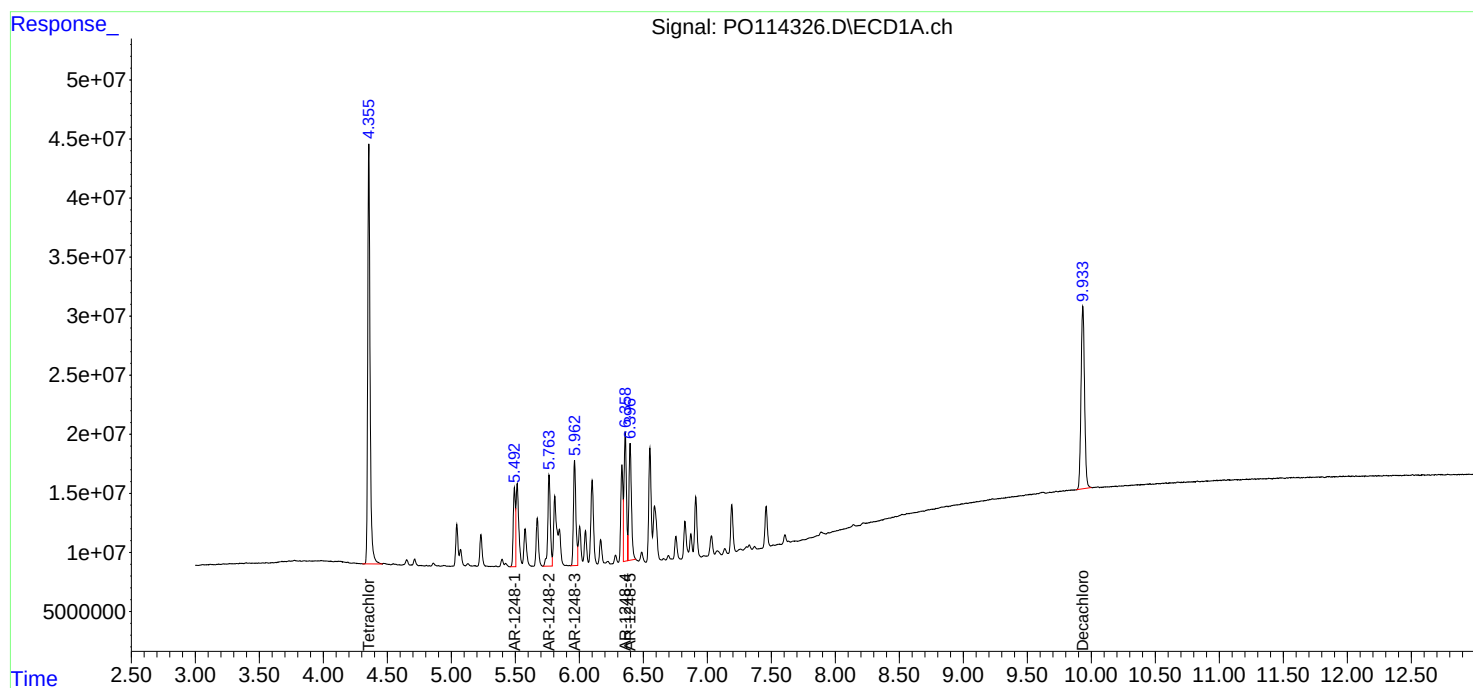


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO100925\  
Data File : PO114326.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 18:12  
Operator : YP/AJ  
Sample : AR1248ICC750  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_0  
ClientSampleId :  
AR1248ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:20:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 03:15:58 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114327.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 18:30  
 Operator : YP/AJ  
 Sample : AR1248ICC500  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:20:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 03:15:58 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.659 | 305.9E6  | 233.9E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 9.933 | 8.669 | 197.9E6  | 197.6E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.492 | 4.742 | 53089764 | 51797180 | 500.000 | 500.000 |
| 22) L5 AR-1248-2            | 5.762 | 4.978 | 73263203 | 68831701 | 500.000 | 500.000 |
| 23) L5 AR-1248-3            | 5.963 | 5.021 | 81710216 | 71653127 | 500.000 | 500.000 |
| 24) L5 AR-1248-4            | 6.359 | 5.191 | 97963368 | 84508243 | 500.000 | 500.000 |
| 25) L5 AR-1248-5            | 6.396 | 5.583 | 95379713 | 86758108 | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

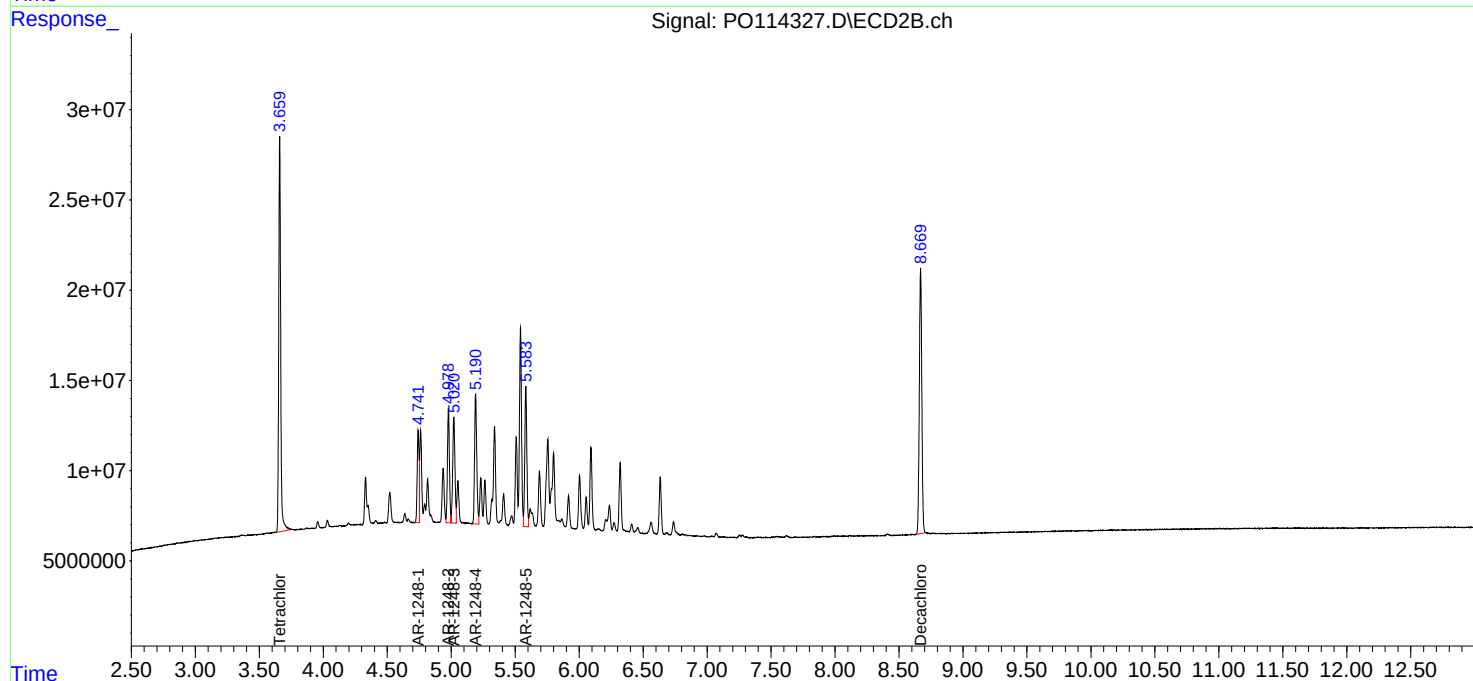
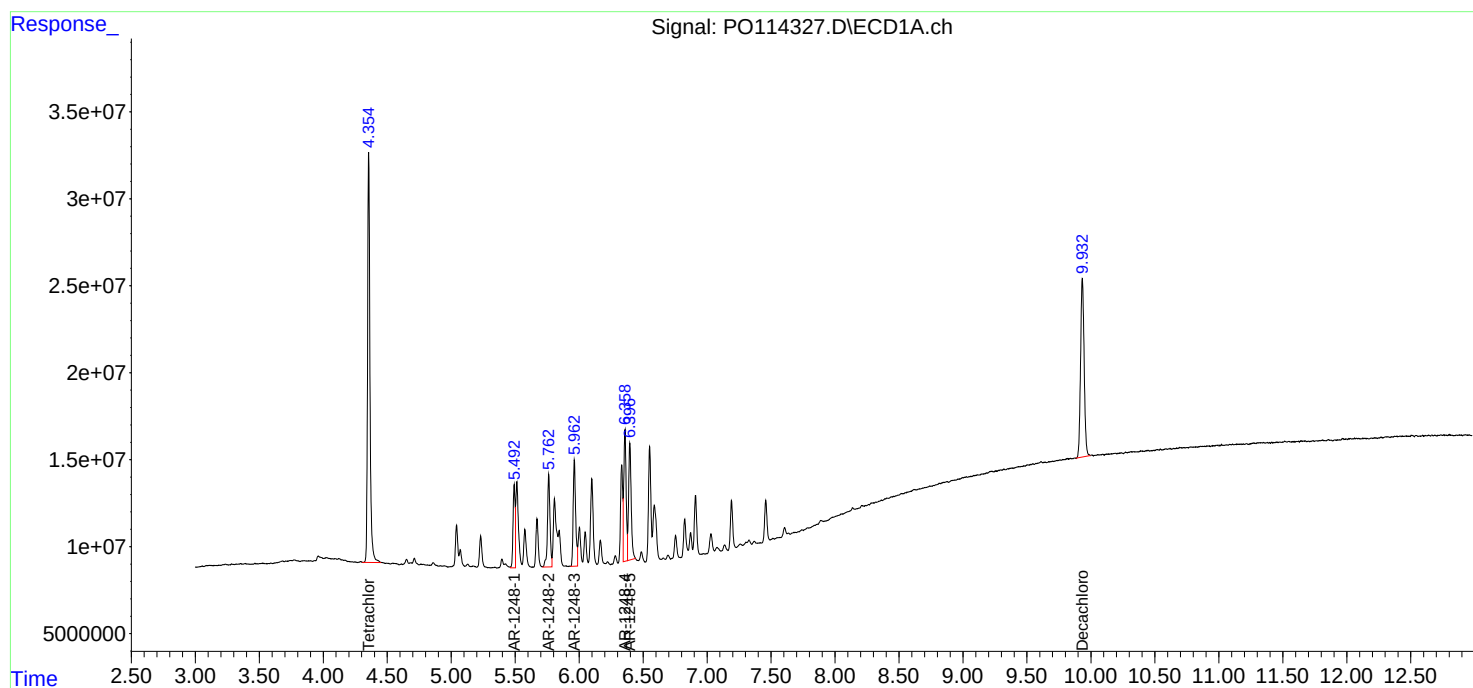
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114327.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 18:30  
Operator : YP/AJ  
Sample : AR1248ICC500  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:20:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 03:15:58 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114328.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 18:49  
 Operator : YP/AJ  
 Sample : AR1248ICC250  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248ICC250

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:20:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 03:15:58 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml   |
|-----------------------------|-------|-------|----------|----------|----------|---------|
| -----                       |       |       |          |          |          |         |
| System Monitoring Compounds |       |       |          |          |          |         |
| 1) SA Tetrachlo...          | 4.355 | 3.659 | 145.8E6  | 113.4E6  | 23.835   | 24.253  |
| 2) SA Decachlor...          | 9.933 | 8.669 | 94098127 | 97777263 | 23.777   | 24.742  |
| Target Compounds            |       |       |          |          |          |         |
| 21) L5 AR-1248-1            | 5.492 | 4.742 | 25431383 | 25439597 | 239.513  | 245.569 |
| 22) L5 AR-1248-2            | 5.763 | 4.978 | 36328448 | 34401216 | 247.931  | 249.894 |
| 23) L5 AR-1248-3            | 5.962 | 5.021 | 39757173 | 35545296 | 243.282  | 248.037 |
| 24) L5 AR-1248-4            | 6.359 | 5.190 | 48762871 | 41877521 | 248.883  | 247.772 |
| 25) L5 AR-1248-5            | 6.396 | 5.583 | 50703298 | 42826475 | 265.797m | 246.815 |
| -----                       |       |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114328.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 18:49  
Operator : YP/AJ  
Sample : AR1248ICC250  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

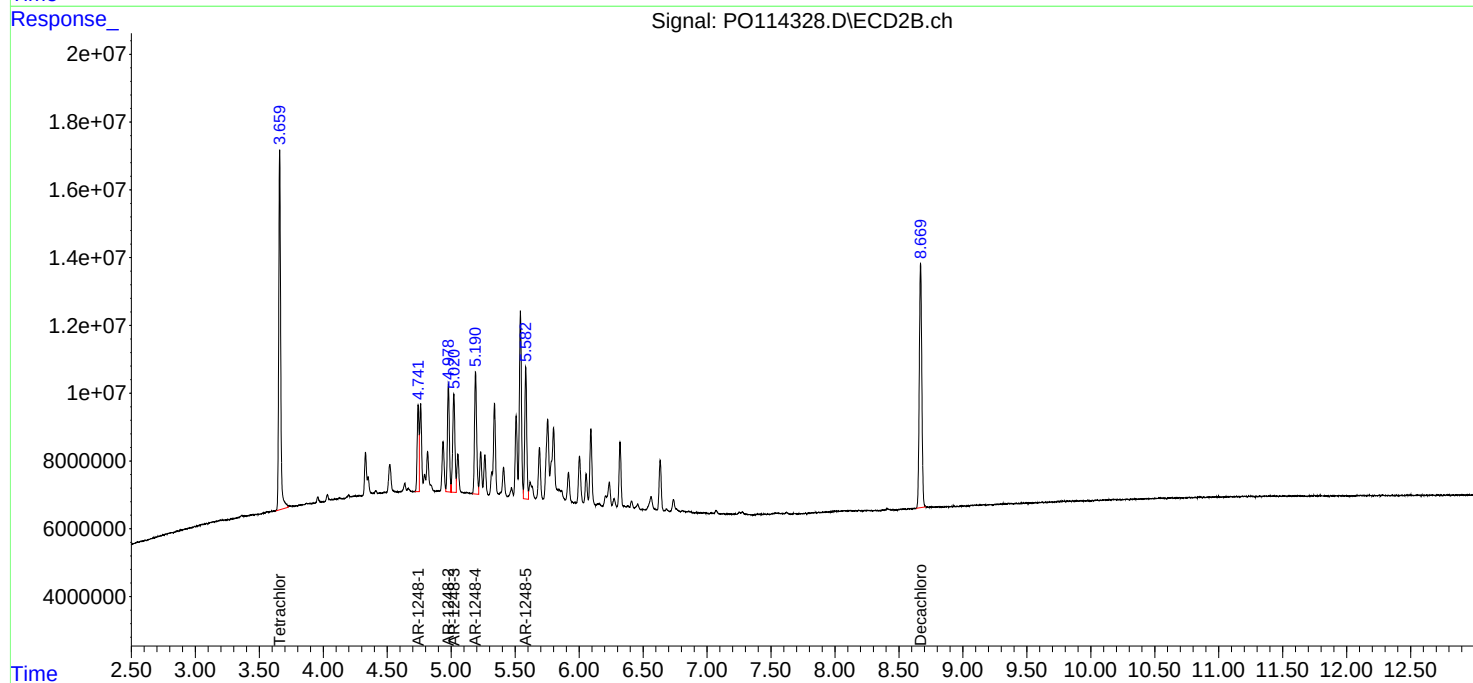
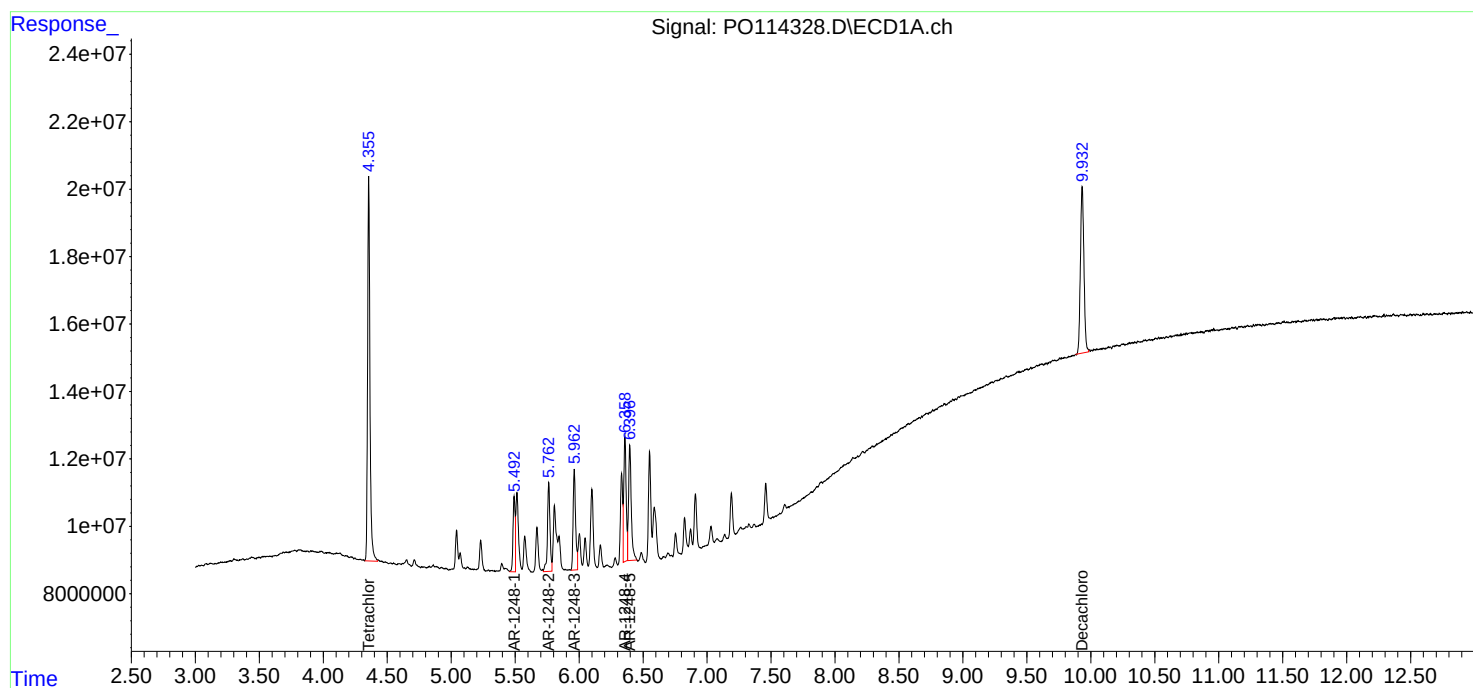
Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC250

Manual Integrations  
APPROVED

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:20:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 03:15:58 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114329.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 19:07  
 Operator : YP/AJ  
 Sample : AR1248ICC050  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248ICC050

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:20:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 03:15:58 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-------|-------|----------|----------|---------|--------|
| -----                       |       |       |          |          |         |        |
| System Monitoring Compounds |       |       |          |          |         |        |
| 1) SA Tetrachlo...          | 4.355 | 3.659 | 28241886 | 21305171 | 4.617   | 4.555  |
| 2) SA Decachlor...          | 9.932 | 8.668 | 18677603 | 19685546 | 4.720   | 4.981  |
| Target Compounds            |       |       |          |          |         |        |
| 21) L5 AR-1248-1            | 5.490 | 4.741 | 4159113  | 4657507  | 39.171m | 44.959 |
| 22) L5 AR-1248-2            | 5.762 | 4.978 | 7278103  | 6809946  | 49.671  | 49.468 |
| 23) L5 AR-1248-3            | 5.962 | 5.020 | 8029666  | 7123518  | 49.135  | 49.708 |
| 24) L5 AR-1248-4            | 6.359 | 5.190 | 10757306 | 8352240  | 54.905  | 49.417 |
| 25) L5 AR-1248-5            | 6.396 | 5.582 | 12462323 | 8745007  | 65.330m | 50.399 |
| -----                       |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114329.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 19:07  
Operator : YP/AJ  
Sample : AR1248ICC050  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

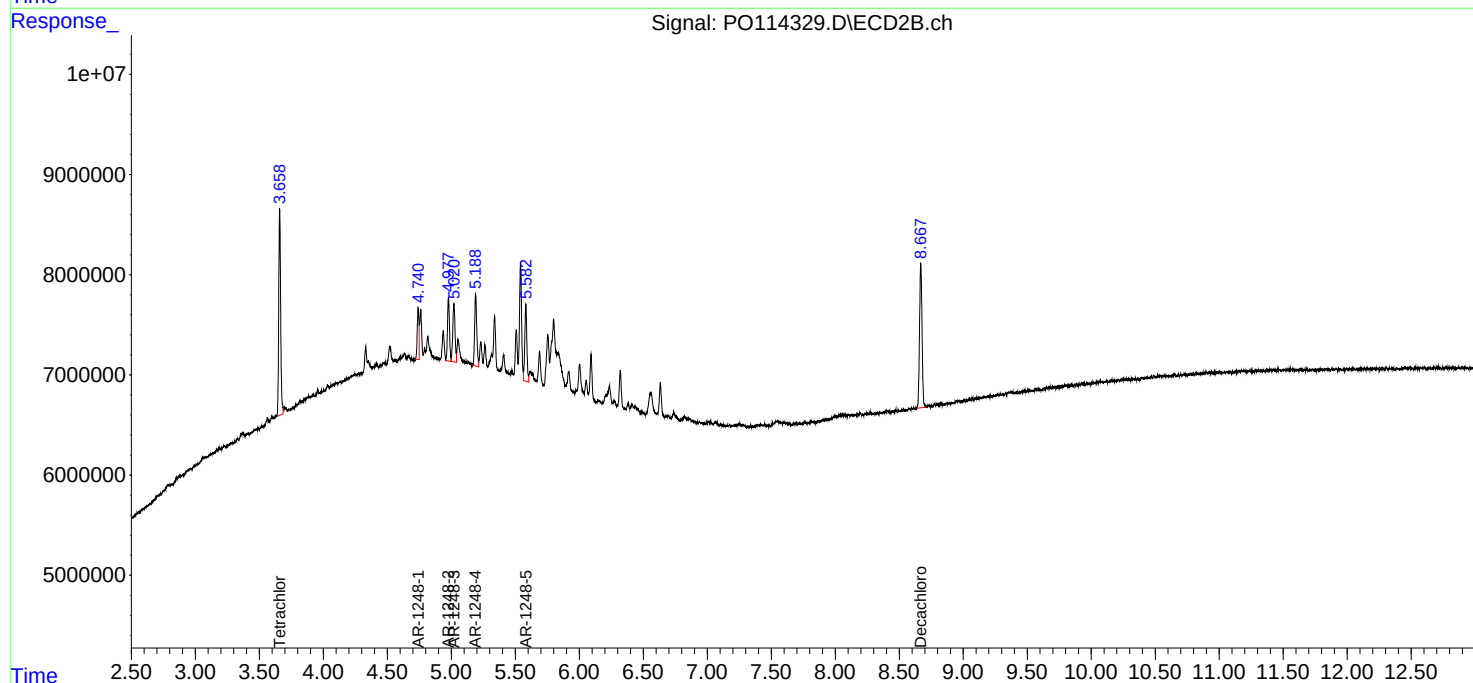
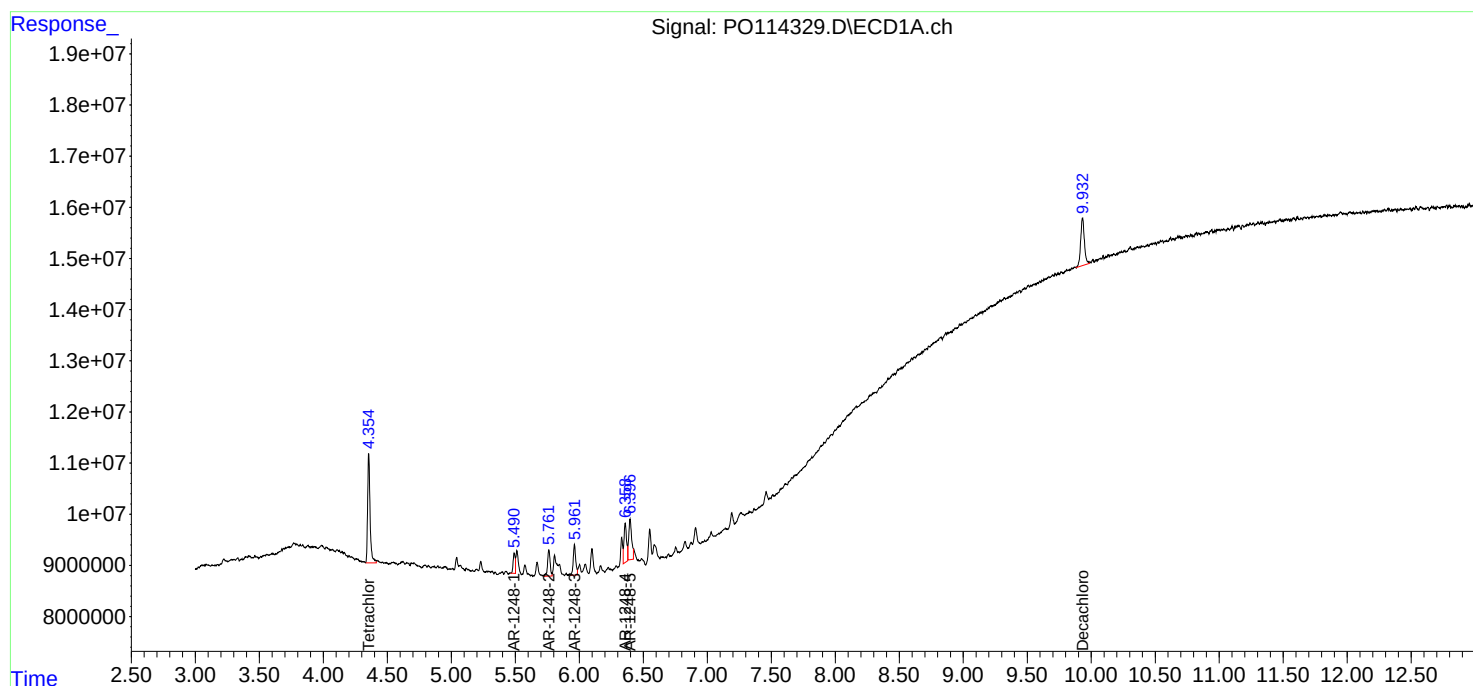
Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC050

Manual Integrations  
APPROVED

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:20:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 03:15:58 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114330.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 19:26  
 Operator : YP/AJ  
 Sample : AR1254ICC1000  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:53:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 03:51:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|---------|---------|---------|
| -----                       |       |       |         |         |         |         |
| System Monitoring Compounds |       |       |         |         |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.659 | 582.3E6 | 442.7E6 | 96.190  | 95.725  |
| 2) SA Decachlor...          | 9.932 | 8.669 | 379.2E6 | 367.3E6 | 96.328  | 93.580  |
| Target Compounds            |       |       |         |         |         |         |
| 26) L6 AR-1254-1            | 6.335 | 5.543 | 171.9E6 | 247.2E6 | 942.832 | 914.416 |
| 27) L6 AR-1254-2            | 6.551 | 5.691 | 248.6E6 | 219.2E6 | 933.098 | 916.170 |
| 28) L6 AR-1254-3            | 6.910 | 6.093 | 279.0E6 | 340.1E6 | 951.009 | 928.694 |
| 29) L6 AR-1254-4            | 7.192 | 6.321 | 232.4E6 | 246.4E6 | 935.995 | 924.595 |
| 30) L6 AR-1254-5            | 7.607 | 6.739 | 221.0E6 | 309.3E6 | 953.461 | 929.374 |
| -----                       |       |       |         |         |         |         |

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

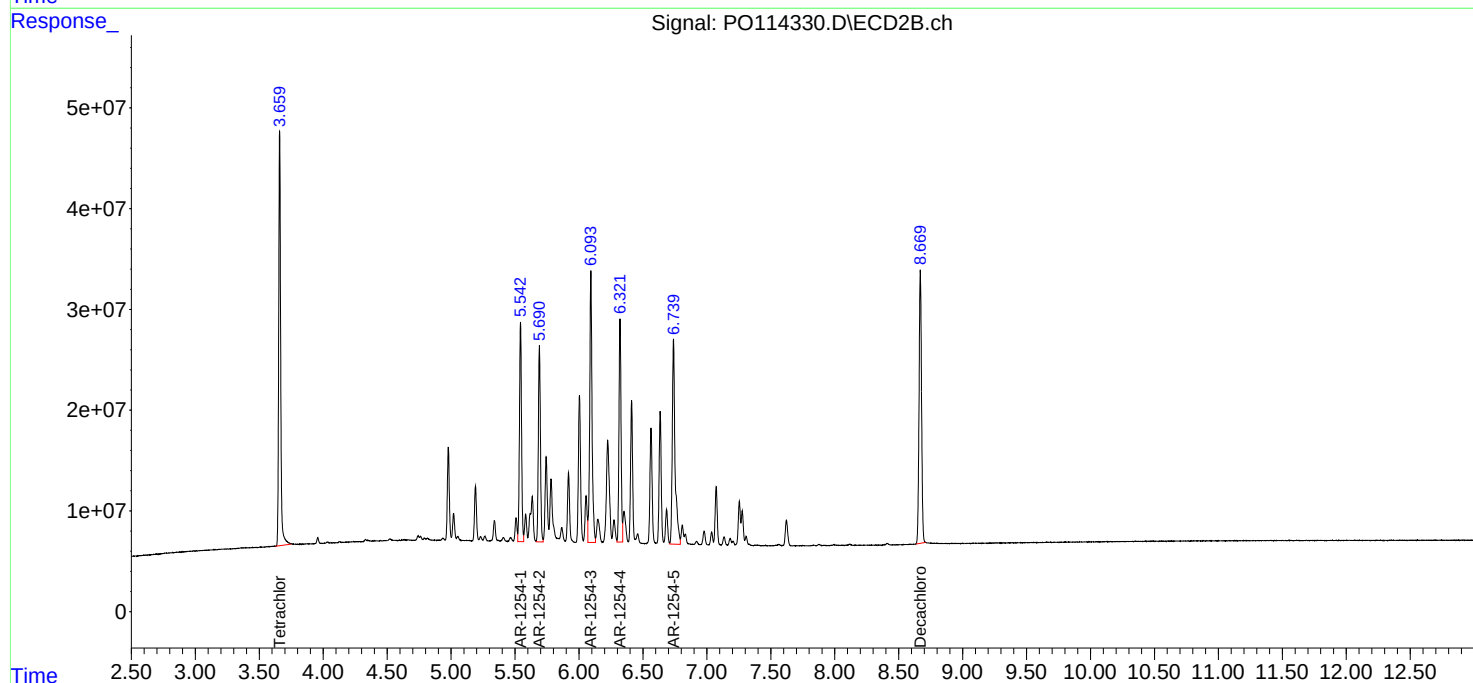
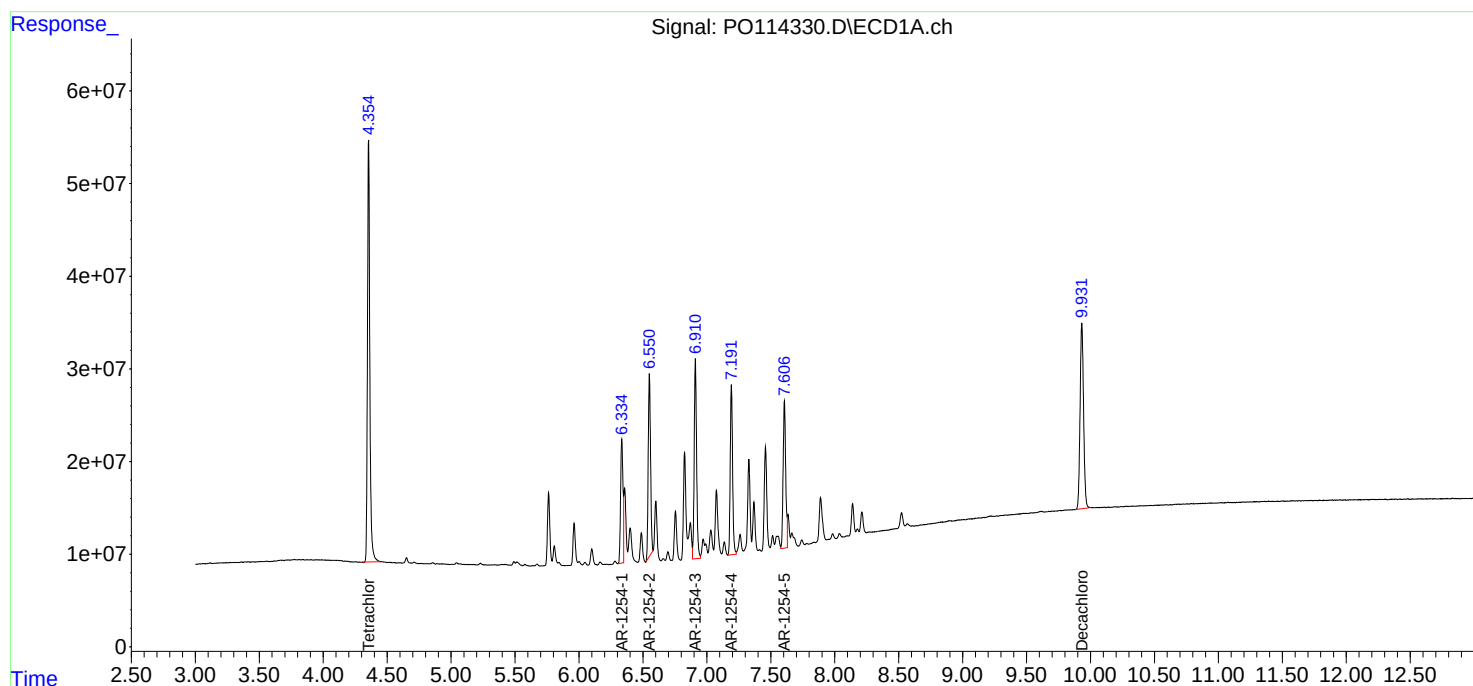


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114330.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 19:26  
Operator : YP/AJ  
Sample : AR1254ICC1000  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:53:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 03:51:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114331.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 19:44  
 Operator : YP/AJ  
 Sample : AR1254ICC750  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:54:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 03:51:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|---------|---------|---------|
| -----                       |       |       |         |         |         |         |
| System Monitoring Compounds |       |       |         |         |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.659 | 449.1E6 | 339.1E6 | 74.192  | 73.318  |
| 2) SA Decachlor...          | 9.934 | 8.668 | 292.2E6 | 286.2E6 | 74.230  | 72.919  |
| Target Compounds            |       |       |         |         |         |         |
| 26) L6 AR-1254-1            | 6.335 | 5.543 | 135.2E6 | 194.3E6 | 741.355 | 718.619 |
| 27) L6 AR-1254-2            | 6.551 | 5.690 | 192.9E6 | 171.7E6 | 723.920 | 717.689 |
| 28) L6 AR-1254-3            | 6.910 | 6.093 | 216.1E6 | 265.5E6 | 736.614 | 724.827 |
| 29) L6 AR-1254-4            | 7.191 | 6.320 | 181.3E6 | 192.7E6 | 730.316 | 722.916 |
| 30) L6 AR-1254-5            | 7.605 | 6.738 | 172.5E6 | 242.0E6 | 744.298 | 727.094 |
| -----                       |       |       |         |         |         |         |

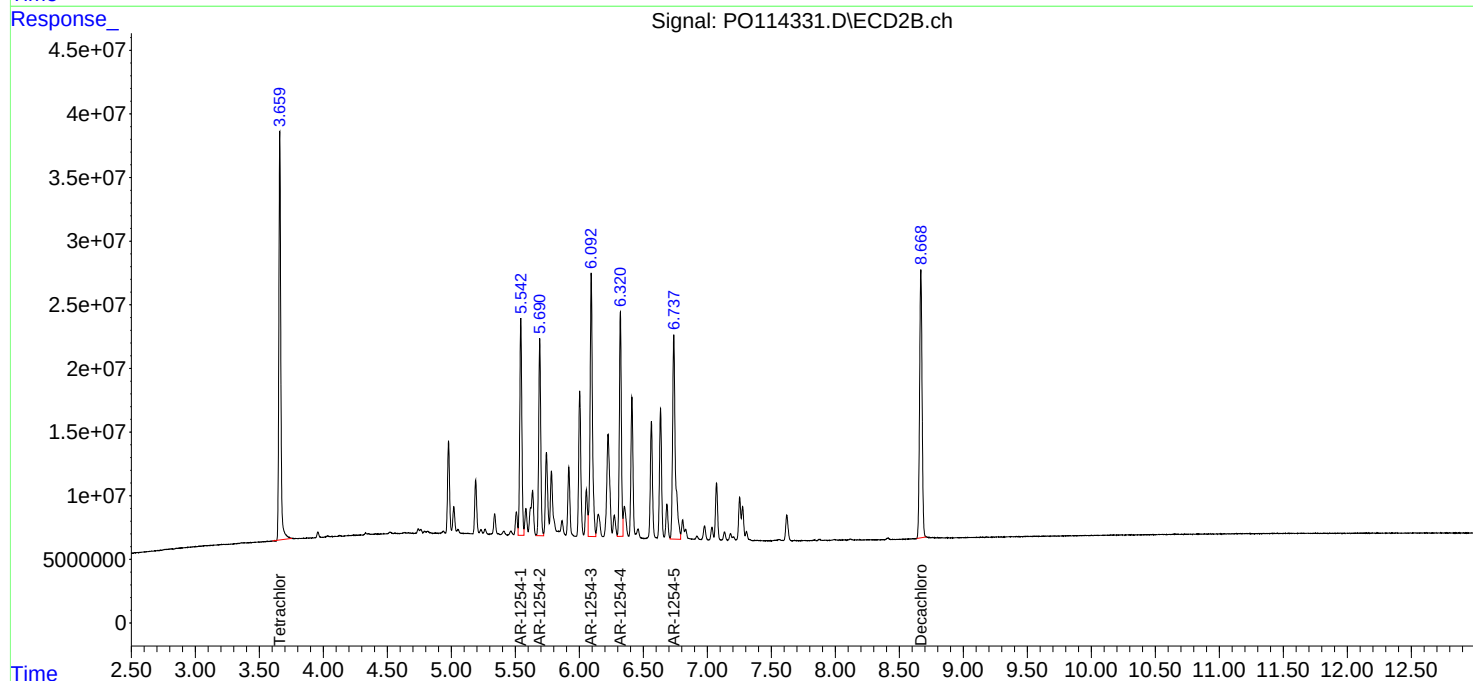
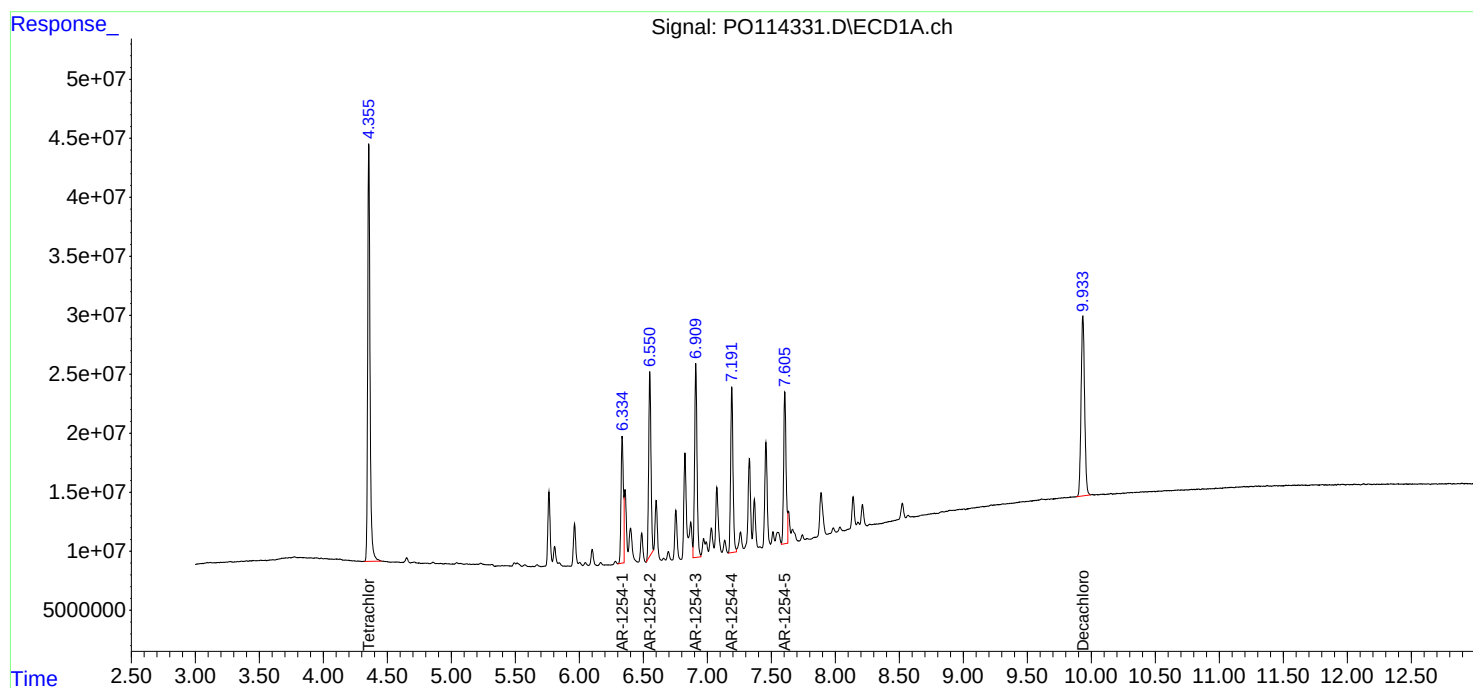
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114331.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 19:44  
Operator : YP/AJ  
Sample : AR1254ICC750  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:54:16 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 03:51:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114332.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 20:02  
 Operator : YP/AJ  
 Sample : AR1254ICC500  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:54:31 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 03:51:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|---------|---------|---------|
| -----                       |                 |       |       |          |         |         |         |
| System Monitoring Compounds |                 |       |       |          |         |         |         |
| 1)                          | SA Tetrachlo... | 4.355 | 3.659 | 302.7E6  | 231.2E6 | 50.000  | 50.000  |
| 2)                          | SA Decachlor... | 9.932 | 8.668 | 196.8E6  | 196.3E6 | 50.000  | 50.000  |
| Target Compounds            |                 |       |       |          |         |         |         |
| 26)                         | L6 AR-1254-1    | 6.334 | 5.542 | 91163068 | 135.2E6 | 500.000 | 500.000 |
| 27)                         | L6 AR-1254-2    | 6.550 | 5.690 | 133.2E6  | 119.6E6 | 500.000 | 500.000 |
| 28)                         | L6 AR-1254-3    | 6.909 | 6.092 | 146.7E6  | 183.1E6 | 500.000 | 500.000 |
| 29)                         | L6 AR-1254-4    | 7.190 | 6.320 | 124.2E6  | 133.2E6 | 500.000 | 500.000 |
| 30)                         | L6 AR-1254-5    | 7.606 | 6.737 | 115.9E6  | 166.4E6 | 500.000 | 500.000 |
| -----                       |                 |       |       |          |         |         |         |

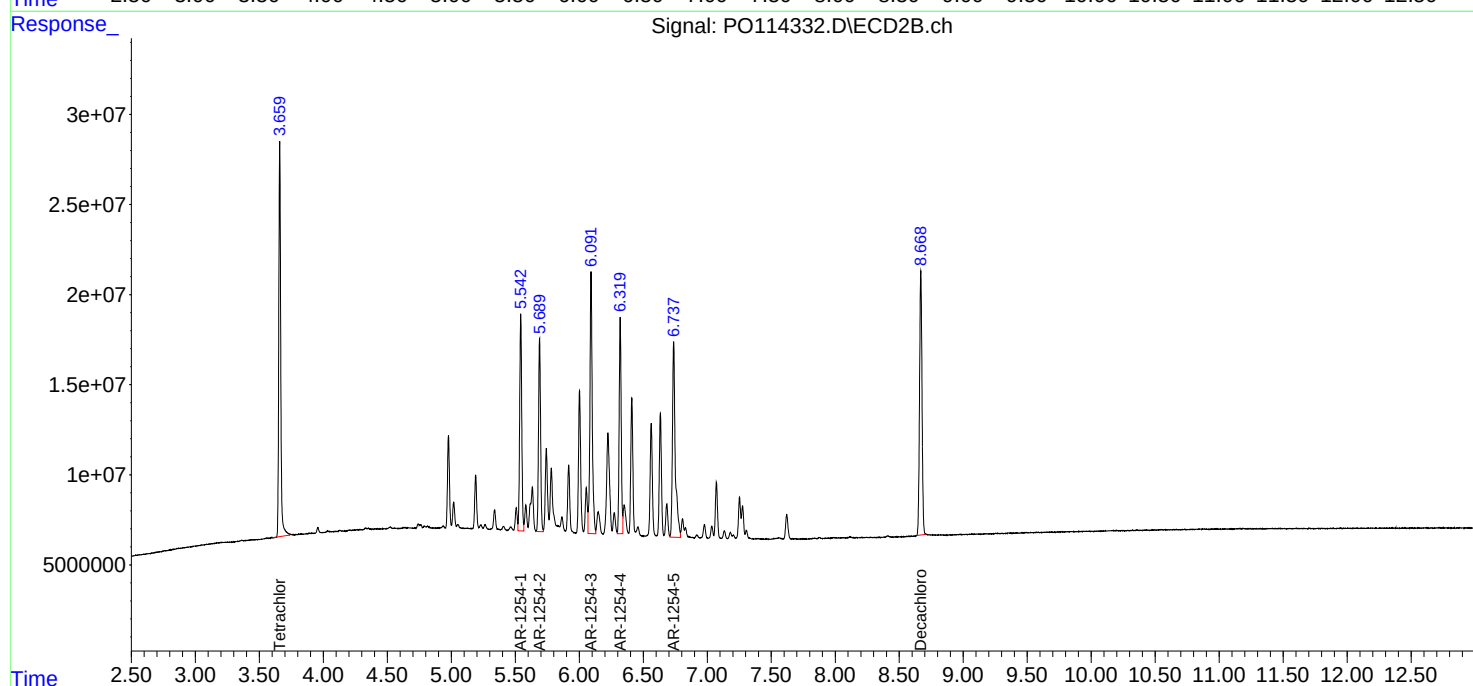
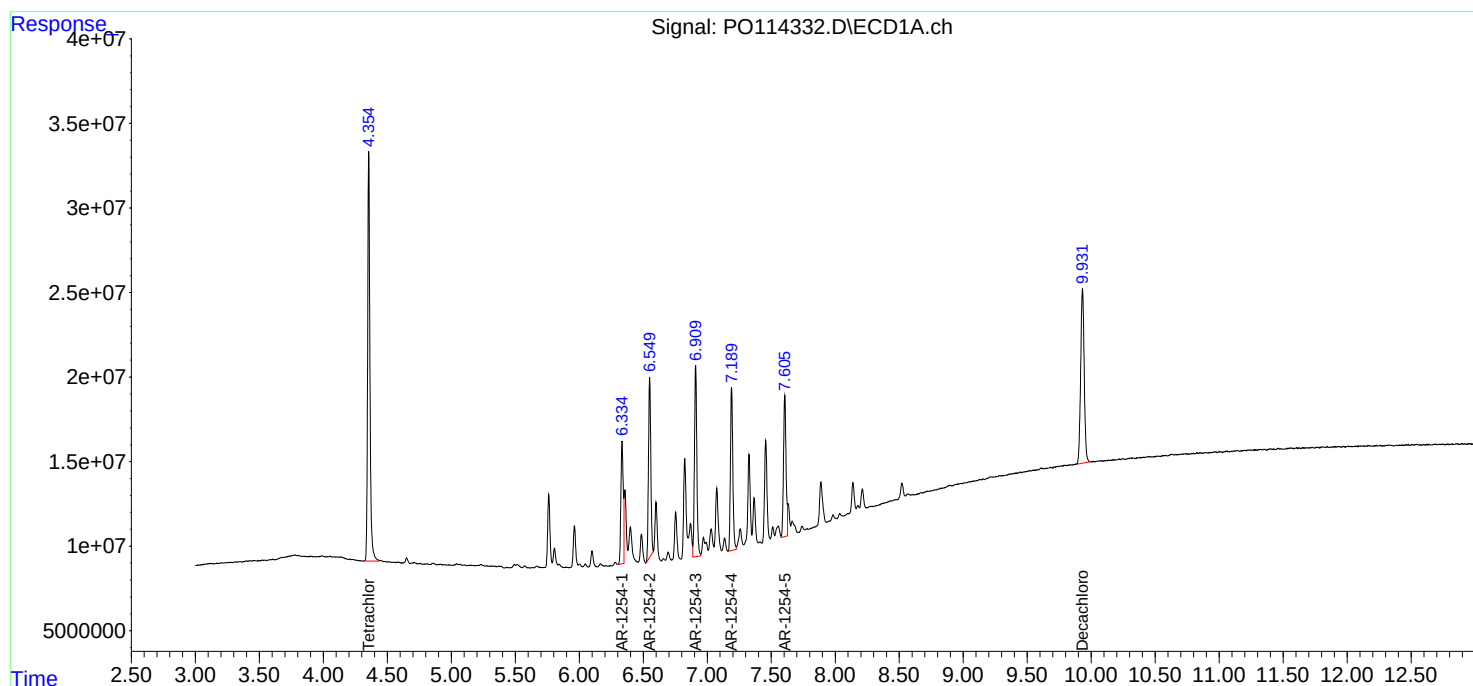
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114332.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 20:02  
Operator : YP/AJ  
Sample : AR1254ICC500  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:54:31 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 03:51:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114333.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 20:21  
 Operator : YP/AJ  
 Sample : AR1254ICC250  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:54:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 03:51:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.659 | 149.0E6  | 114.0E6  | 24.618  | 24.652  |
| 2) SA Decachlor...          | 9.931 | 8.668 | 96523974 | 98728187 | 24.518  | 25.153  |
| Target Compounds            |       |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.335 | 5.542 | 44764883 | 69827362 | 245.521 | 258.275 |
| 27) L6 AR-1254-2            | 6.550 | 5.689 | 65766617 | 62387770 | 246.845 | 260.766 |
| 28) L6 AR-1254-3            | 6.909 | 6.092 | 73435388 | 92153622 | 250.345 | 251.619 |
| 29) L6 AR-1254-4            | 7.191 | 6.320 | 60625008 | 66874748 | 244.150 | 250.939 |
| 30) L6 AR-1254-5            | 7.606 | 6.737 | 56151918 | 82746779 | 242.232 | 248.633 |
| -----                       |       |       |          |          |         |         |

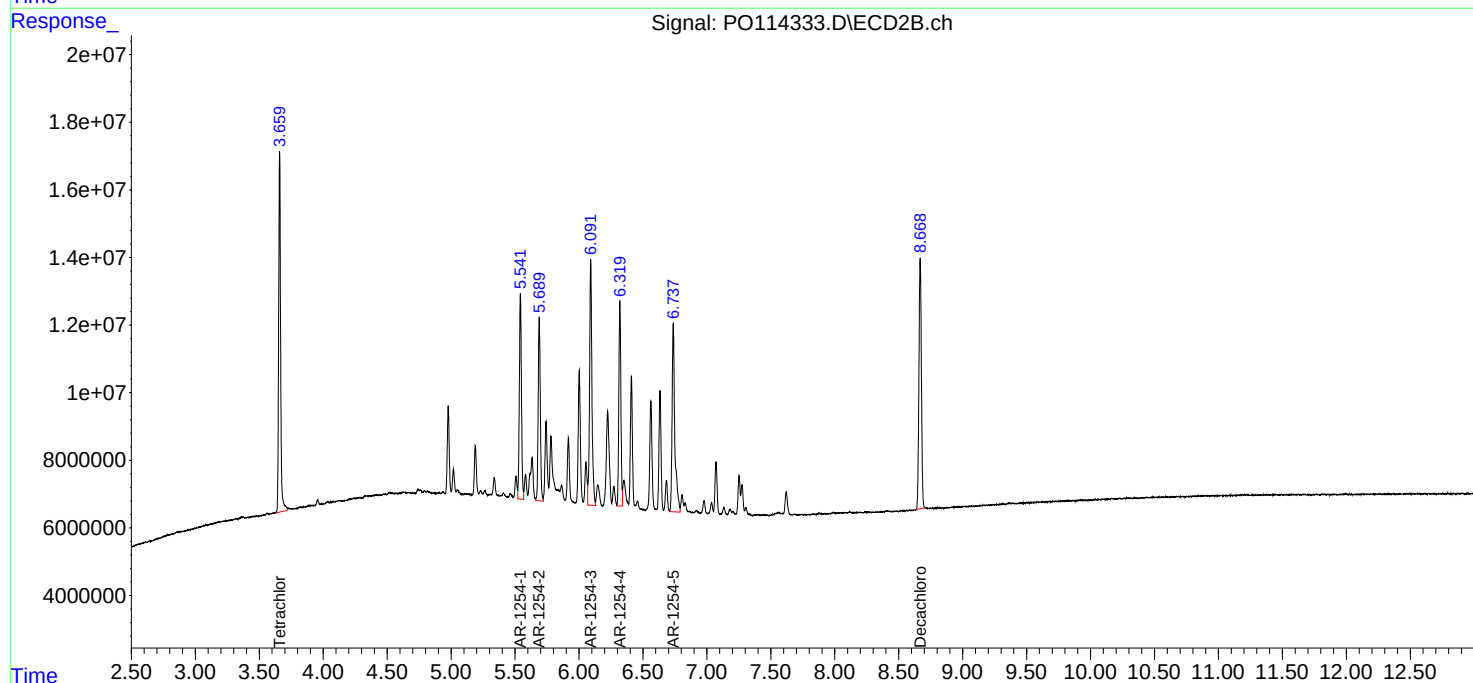
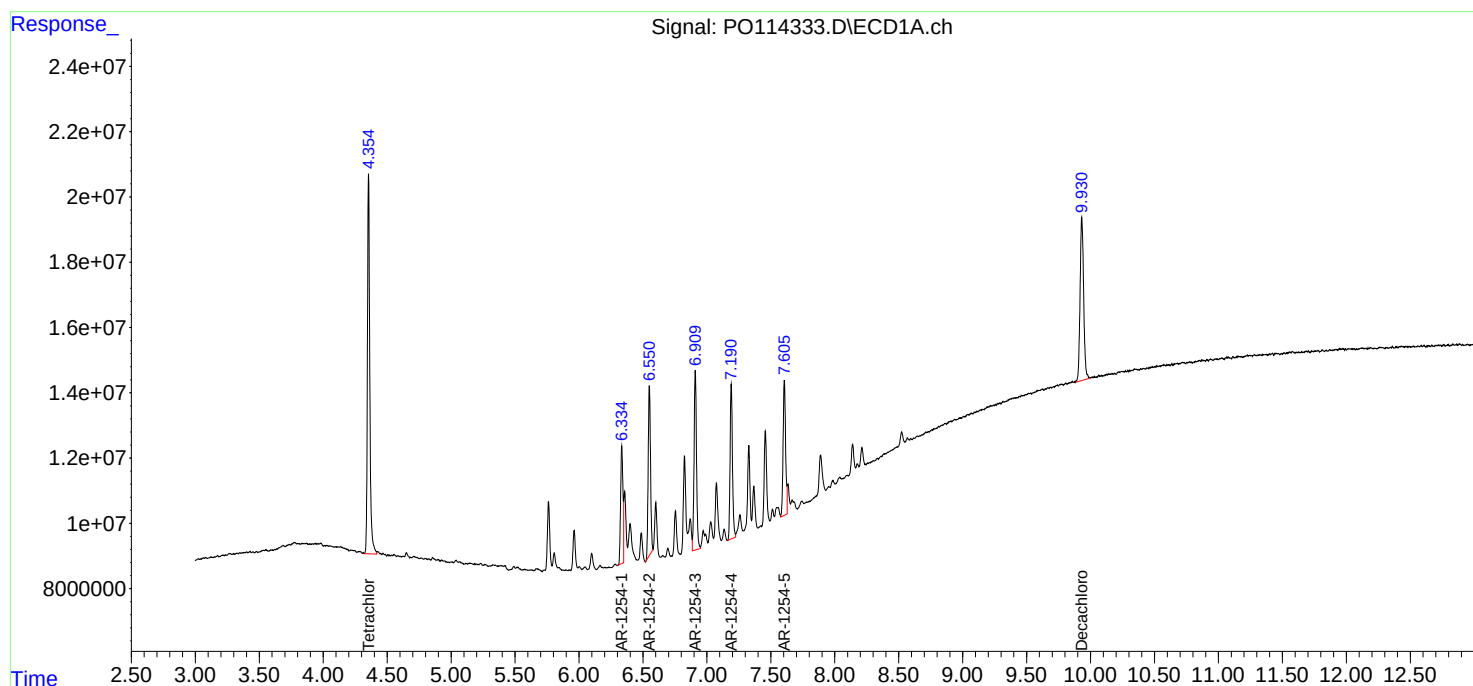
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO100925\  
Data File : PO114333.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 20:21  
Operator : YP/AJ  
Sample : AR1254ICC250  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_0  
ClientSampleId :  
AR1254ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:54:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 03:51:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114334.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 20:39  
 Operator : YP/AJ  
 Sample : AR1254ICC050  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:55:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 03:51:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.356 | 3.659 | 26494210 | 20588649 | 4.377  | 4.452  |
| 2) SA Decachlor...          | 9.932 | 8.667 | 17256664 | 18571929 | 4.383  | 4.732  |
|                             |       |       |          |          |        |        |
| Target Compounds            |       |       |          |          |        |        |
| 26) L6 AR-1254-1            | 6.336 | 5.542 | 7937735  | 13626458 | 43.536 | 50.401 |
| 27) L6 AR-1254-2            | 6.552 | 5.690 | 11913500 | 12711316 | 44.716 | 53.130 |
| 28) L6 AR-1254-3            | 6.910 | 6.092 | 14527805 | 17155096 | 49.526 | 46.841 |
| 29) L6 AR-1254-4            | 7.192 | 6.321 | 10910505 | 12675430 | 43.939 | 47.563 |
| 30) L6 AR-1254-5            | 7.607 | 6.738 | 9494506  | 15263939 | 40.958 | 45.864 |
| -----                       |       |       |          |          |        |        |

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

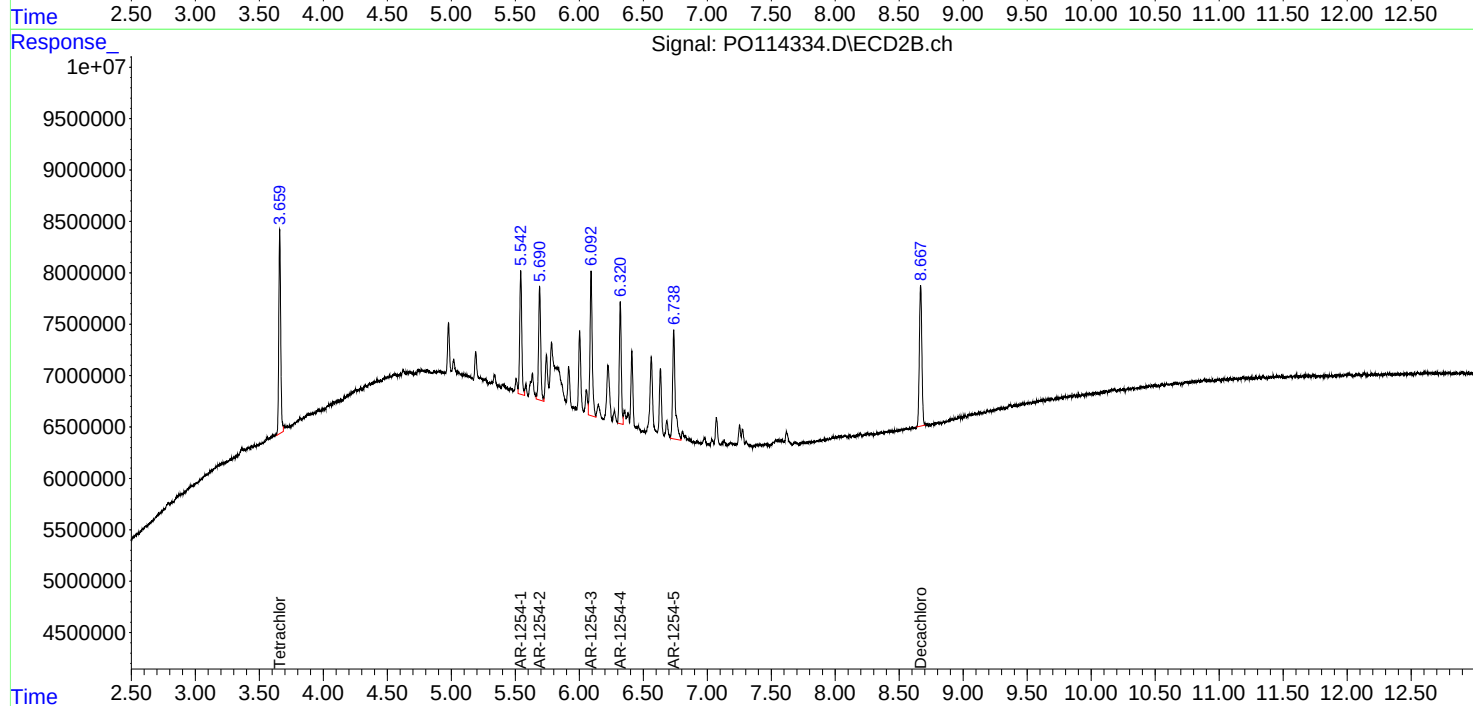
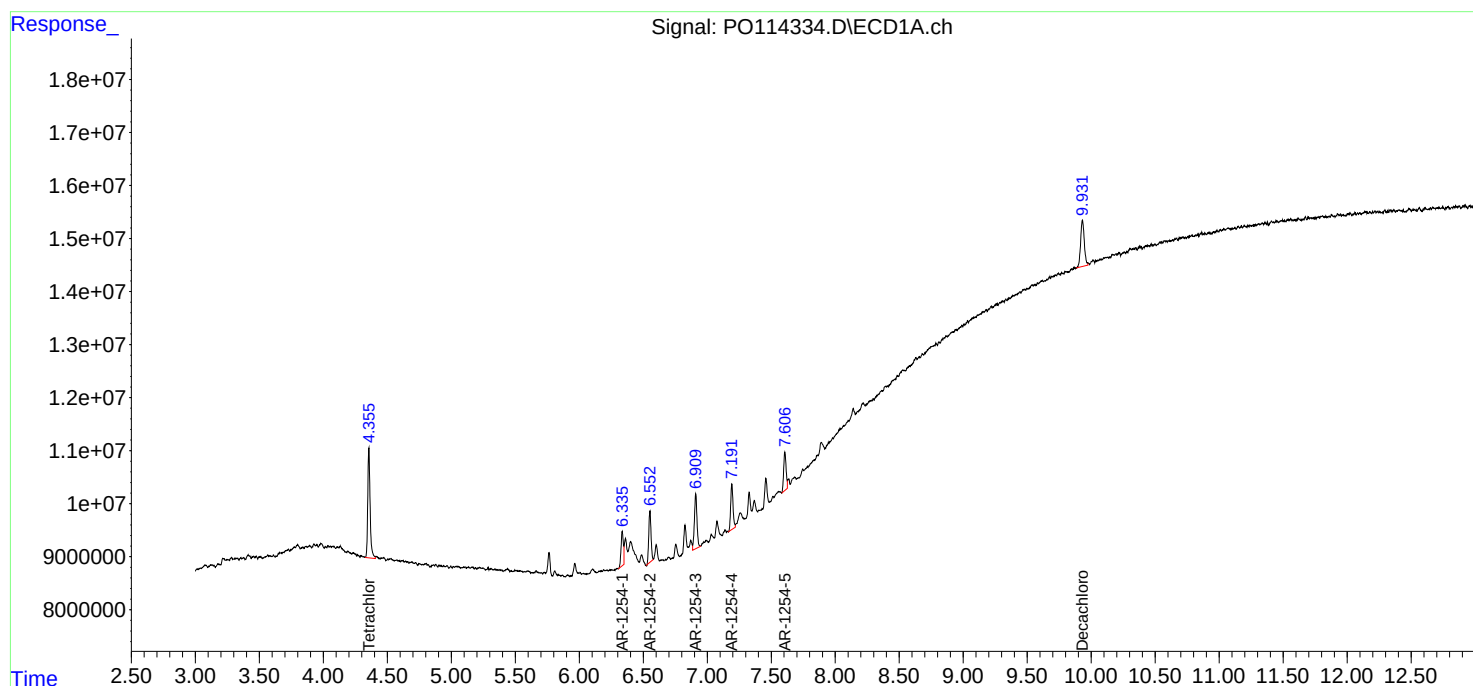


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114334.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 20:39  
Operator : YP/AJ  
Sample : AR1254ICC050  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:55:19 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 03:51:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114335.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 20:57  
 Operator : YP/AJ  
 Sample : AR1262ICC500  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1262ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 04:20:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 04:18:44 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|---------|---------|---------|
| -----                       |       |       |         |         |         |         |
| System Monitoring Compounds |       |       |         |         |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.660 | 305.7E6 | 229.9E6 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 9.933 | 8.669 | 195.1E6 | 197.4E6 | 50.000  | 50.000  |
| Target Compounds            |       |       |         |         |         |         |
| 36) L8 AR-1262-1            | 7.686 | 6.779 | 182.6E6 | 212.8E6 | 500.000 | 500.000 |
| 37) L8 AR-1262-2            | 8.213 | 7.277 | 302.3E6 | 336.7E6 | 500.000 | 500.000 |
| 38) L8 AR-1262-3            | 8.516 | 7.563 | 182.7E6 | 138.4E6 | 500.000 | 500.000 |
| 39) L8 AR-1262-4            | 8.599 | 7.625 | 131.8E6 | 228.3E6 | 500.000 | 500.000 |
| 40) L8 AR-1262-5            | 9.217 | 8.118 | 107.4E6 | 105.4E6 | 500.000 | 500.000 |
| -----                       |       |       |         |         |         |         |

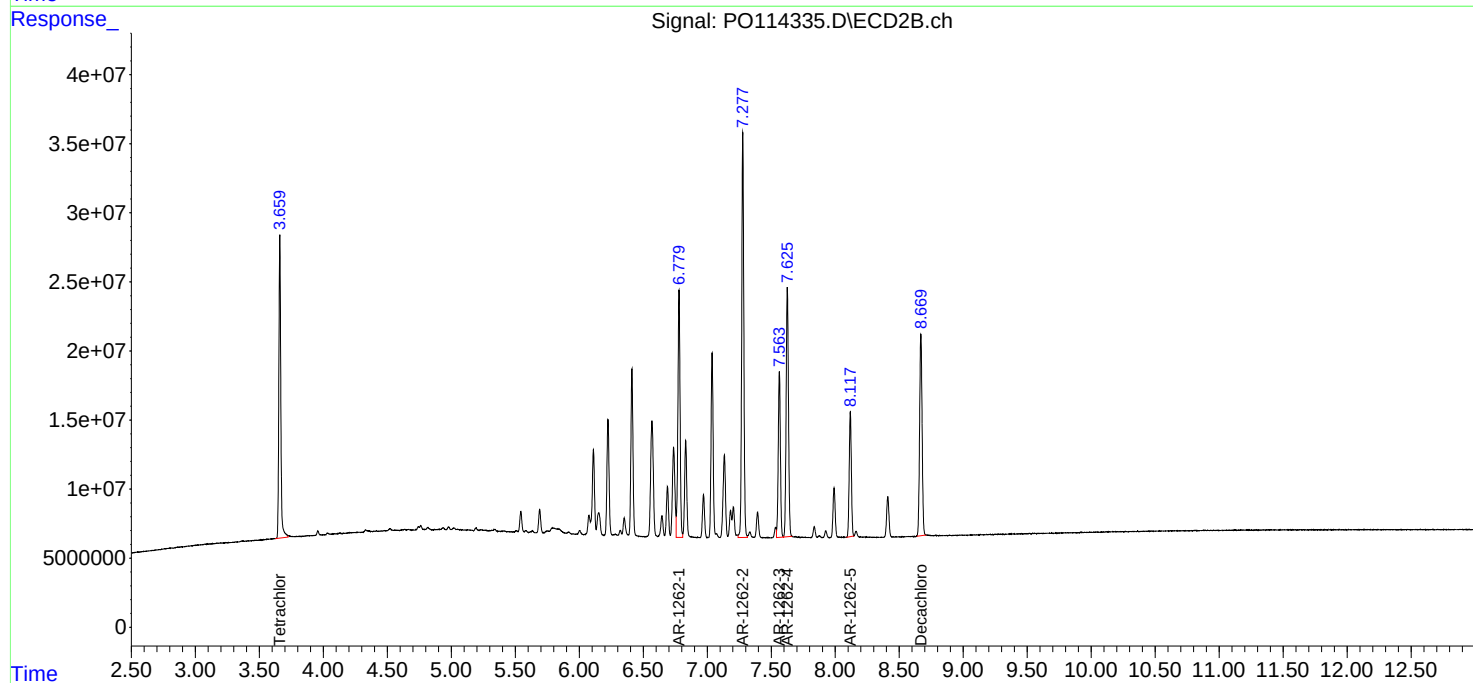
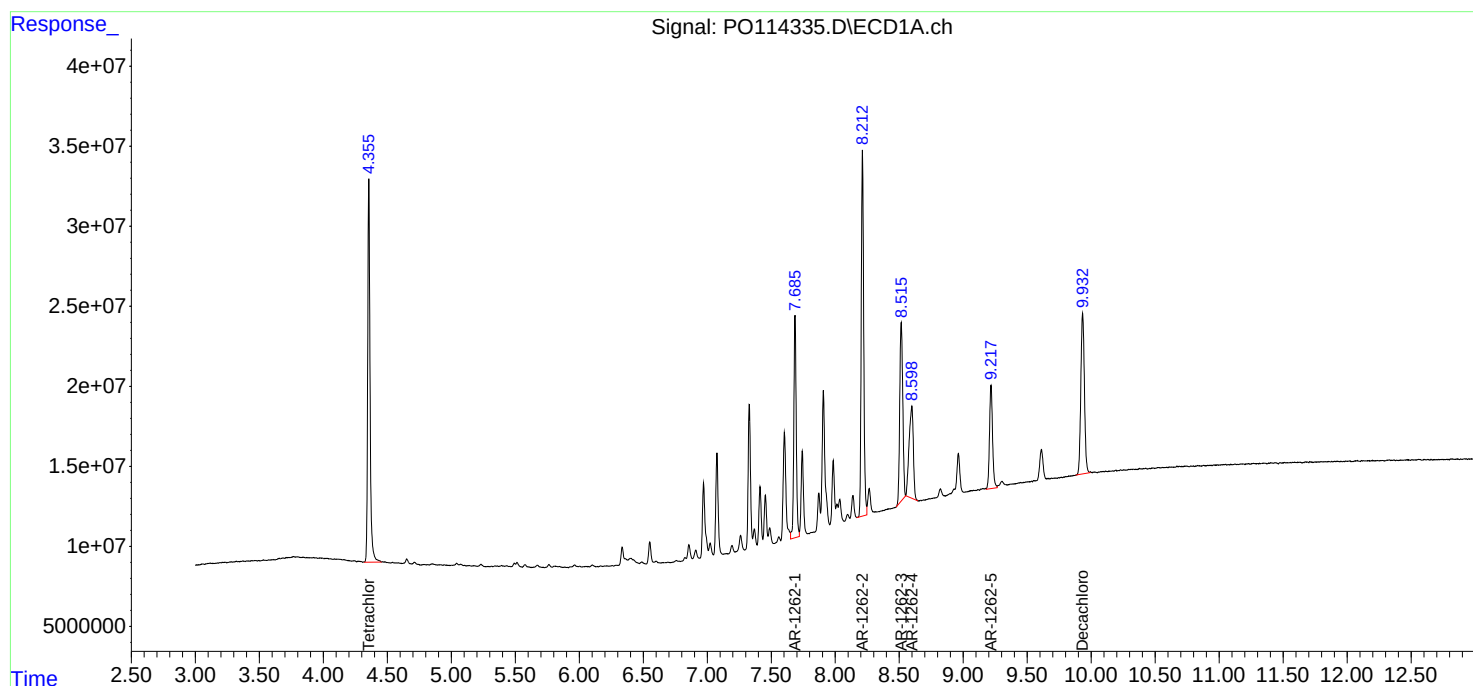
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO100925\  
Data File : PO114335.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 20:57  
Operator : YP/AJ  
Sample : AR1262ICC500  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_0  
ClientSampleId :  
AR1262ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 04:20:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 04:18:44 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114336.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 21:16  
 Operator : YP/AJ  
 Sample : AR1268ICC1000  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1268ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 04:41:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 04:40:02 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.660 | 613.2E6  | 464.3E6  | 96.993  | 96.886  |
| 2) SA Decachlor...          | 9.932 | 8.669 | 712.4E6  | 677.1E6  | 97.822  | 94.587  |
| Target Compounds            |       |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.512 | 7.563 | 742.6E6  | 790.8E6  | 983.553 | 960.399 |
| 42) L9 AR-1268-2            | 8.601 | 7.626 | 632.4E6  | 668.4E6  | 986.777 | 959.839 |
| 43) L9 AR-1268-3            | 8.822 | 7.837 | 576.6E6  | 577.7E6  | 983.114 | 962.697 |
| 44) L9 AR-1268-4            | 9.216 | 8.117 | 239.2E6  | 233.3E6  | 965.595 | 954.970 |
| 45) L9 AR-1268-5            | 9.609 | 8.410 | 1713.5E6 | 1599.9E6 | 985.974 | 967.315 |
| -----                       |       |       |          |          |         |         |

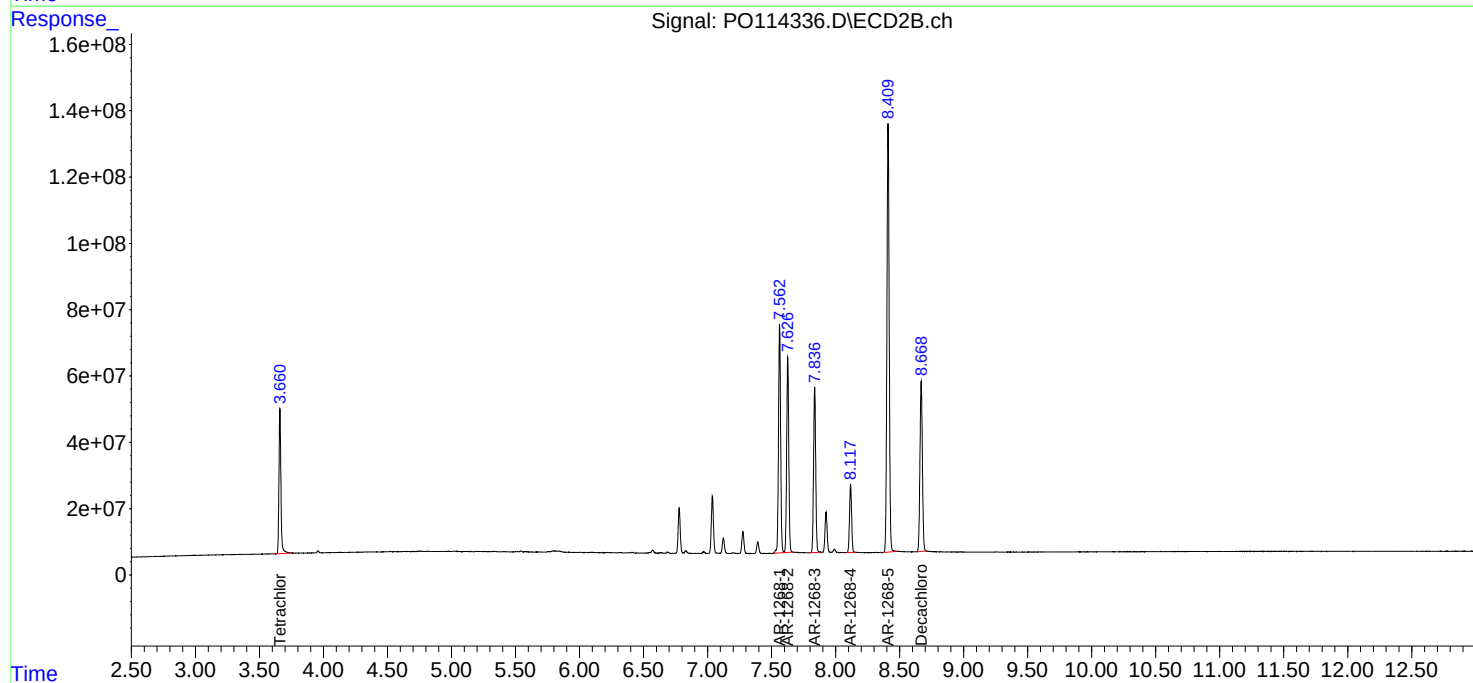
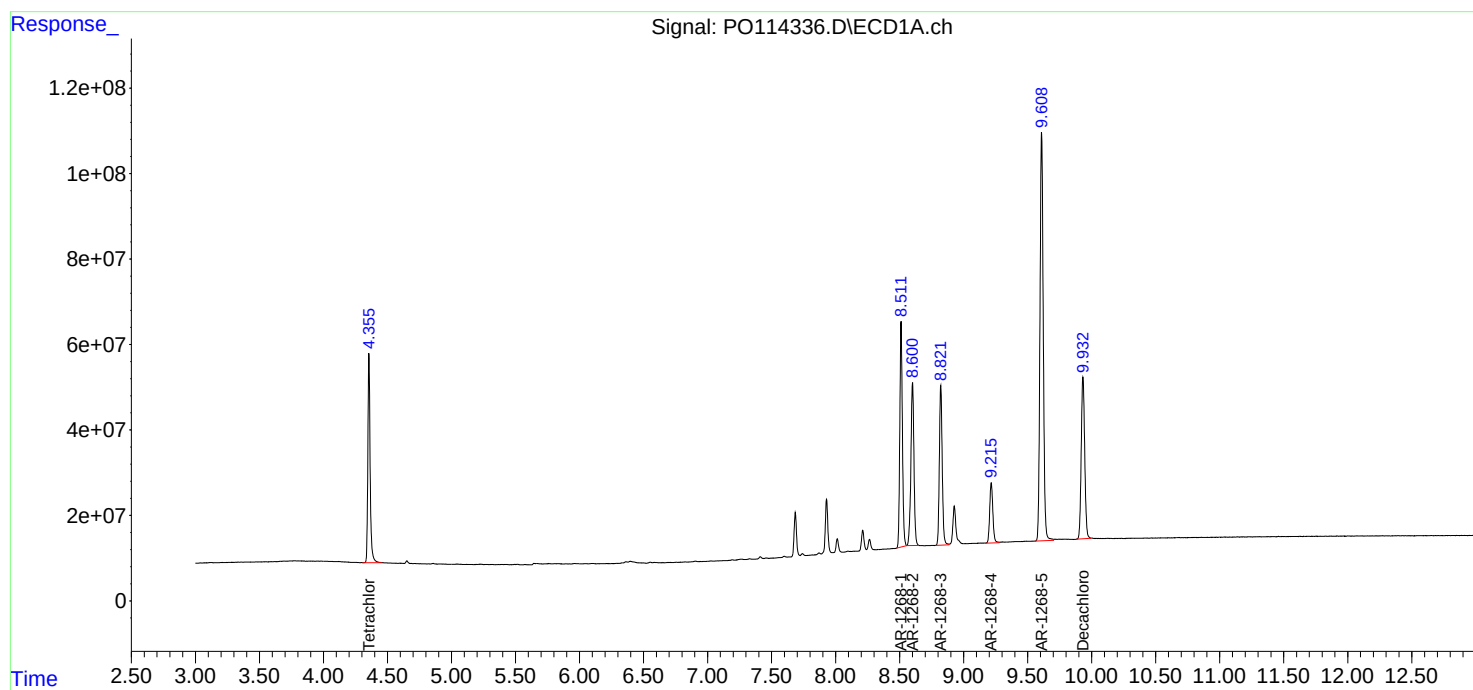
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114336.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 21:16  
Operator : YP/AJ  
Sample : AR1268ICC1000  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 04:41:26 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 04:40:02 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114337.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 21:34  
 Operator : YP/AJ  
 Sample : AR1268ICC750  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1268ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 04:41:48 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 04:40:02 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.659 | 475.4E6  | 359.5E6  | 75.200  | 75.015  |
| 2) SA Decachlor...          | 9.933 | 8.667 | 551.6E6  | 530.5E6  | 75.744  | 74.106  |
| Target Compounds            |       |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.512 | 7.562 | 572.3E6  | 615.5E6  | 757.945 | 747.503 |
| 42) L9 AR-1268-2            | 8.599 | 7.625 | 487.6E6  | 520.3E6  | 760.791 | 747.145 |
| 43) L9 AR-1268-3            | 8.822 | 7.836 | 445.2E6  | 448.9E6  | 759.094 | 748.007 |
| 44) L9 AR-1268-4            | 9.216 | 8.116 | 186.5E6  | 182.3E6  | 752.709 | 746.142 |
| 45) L9 AR-1268-5            | 9.610 | 8.409 | 1321.2E6 | 1240.0E6 | 760.228 | 749.718 |
| -----                       |       |       |          |          |         |         |

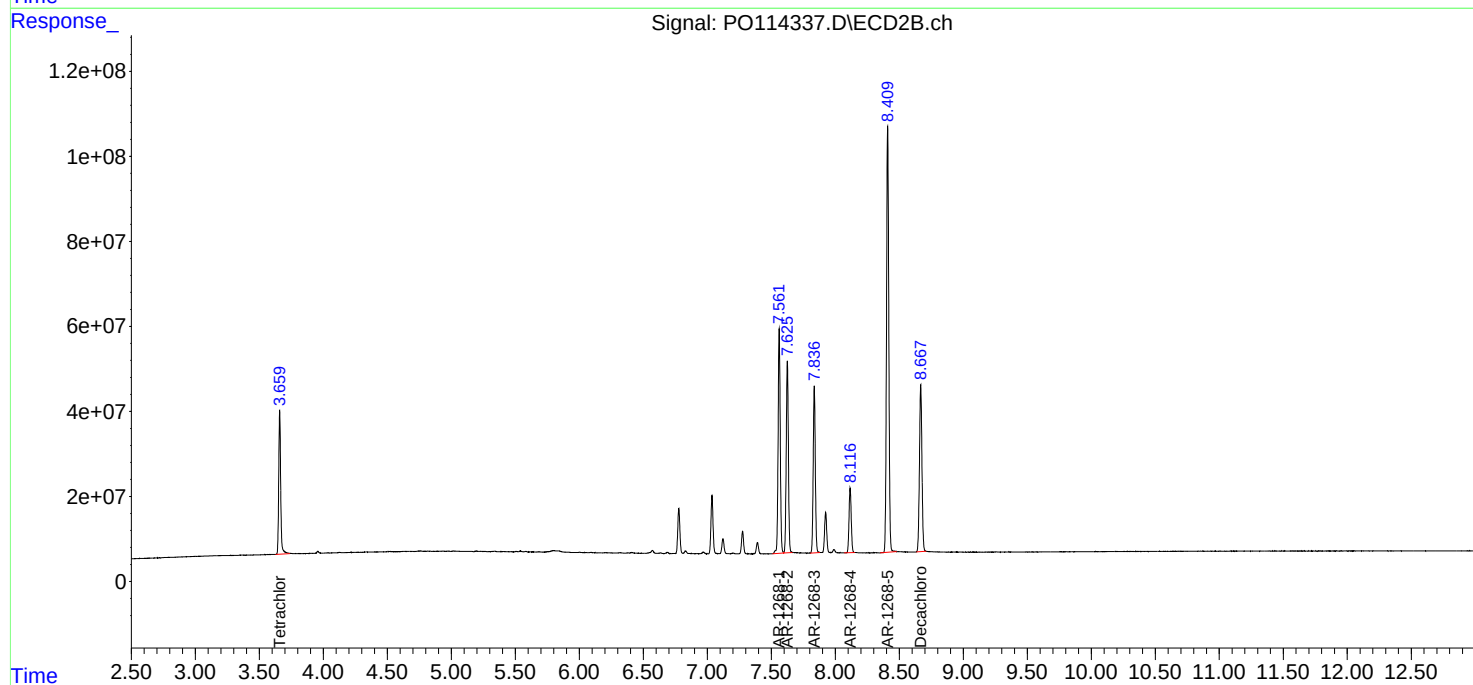
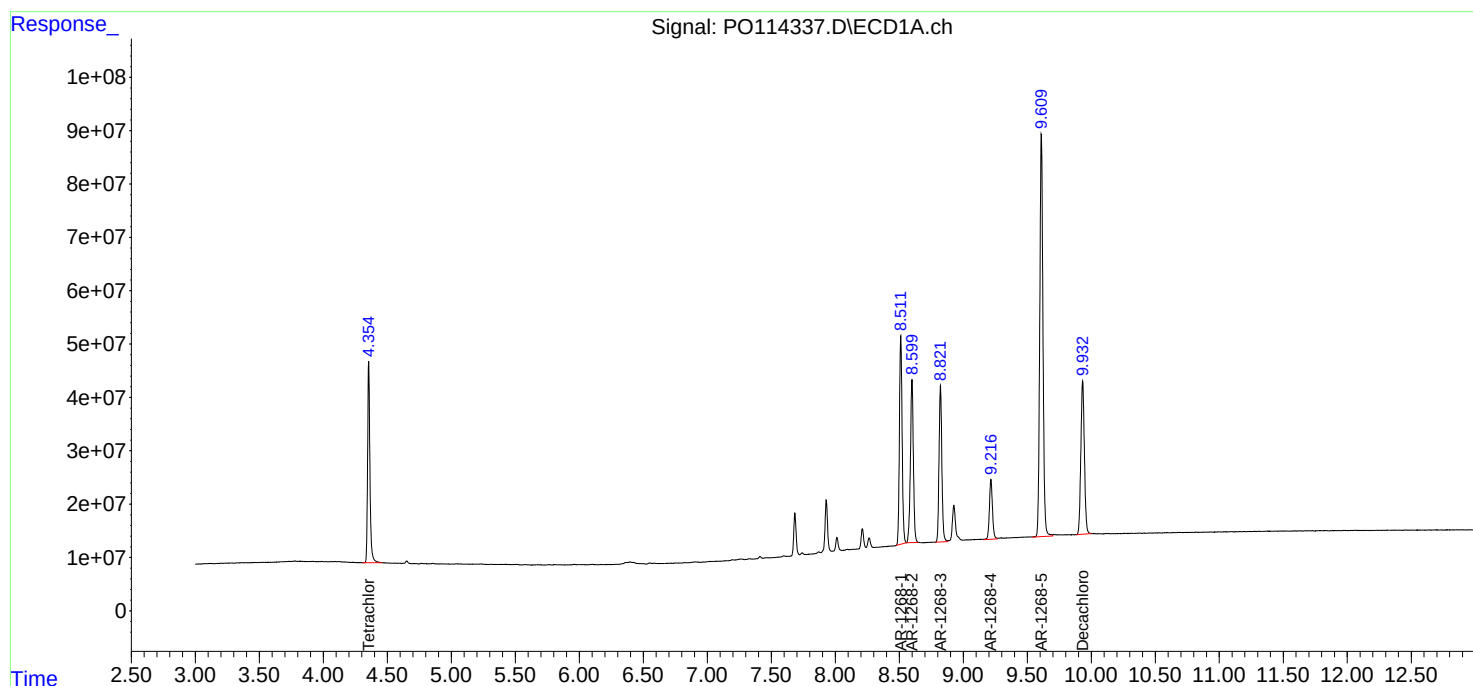
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO100925\  
Data File : PO114337.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 21:34  
Operator : YP/AJ  
Sample : AR1268ICC750  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_0  
ClientSampleId :  
AR1268ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 04:41:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 04:40:02 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114338.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 21:52  
 Operator : YP/AJ  
 Sample : AR1268ICC500  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1268ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 04:42:17 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 04:40:02 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|---------|---------|---------|
| -----                       |       |       |         |         |         |         |
| System Monitoring Compounds |       |       |         |         |         |         |
| 1) SA Tetrachlo...          | 4.356 | 3.660 | 316.1E6 | 239.6E6 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 9.933 | 8.668 | 364.1E6 | 357.9E6 | 50.000  | 50.000  |
| Target Compounds            |       |       |         |         |         |         |
| 41) L9 AR-1268-1            | 8.512 | 7.562 | 377.5E6 | 411.7E6 | 500.000 | 500.000 |
| 42) L9 AR-1268-2            | 8.601 | 7.626 | 320.5E6 | 348.2E6 | 500.000 | 500.000 |
| 43) L9 AR-1268-3            | 8.821 | 7.836 | 293.2E6 | 300.0E6 | 500.000 | 500.000 |
| 44) L9 AR-1268-4            | 9.217 | 8.117 | 123.9E6 | 122.2E6 | 500.000 | 500.000 |
| 45) L9 AR-1268-5            | 9.611 | 8.410 | 868.9E6 | 827.0E6 | 500.000 | 500.000 |
| -----                       |       |       |         |         |         |         |

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

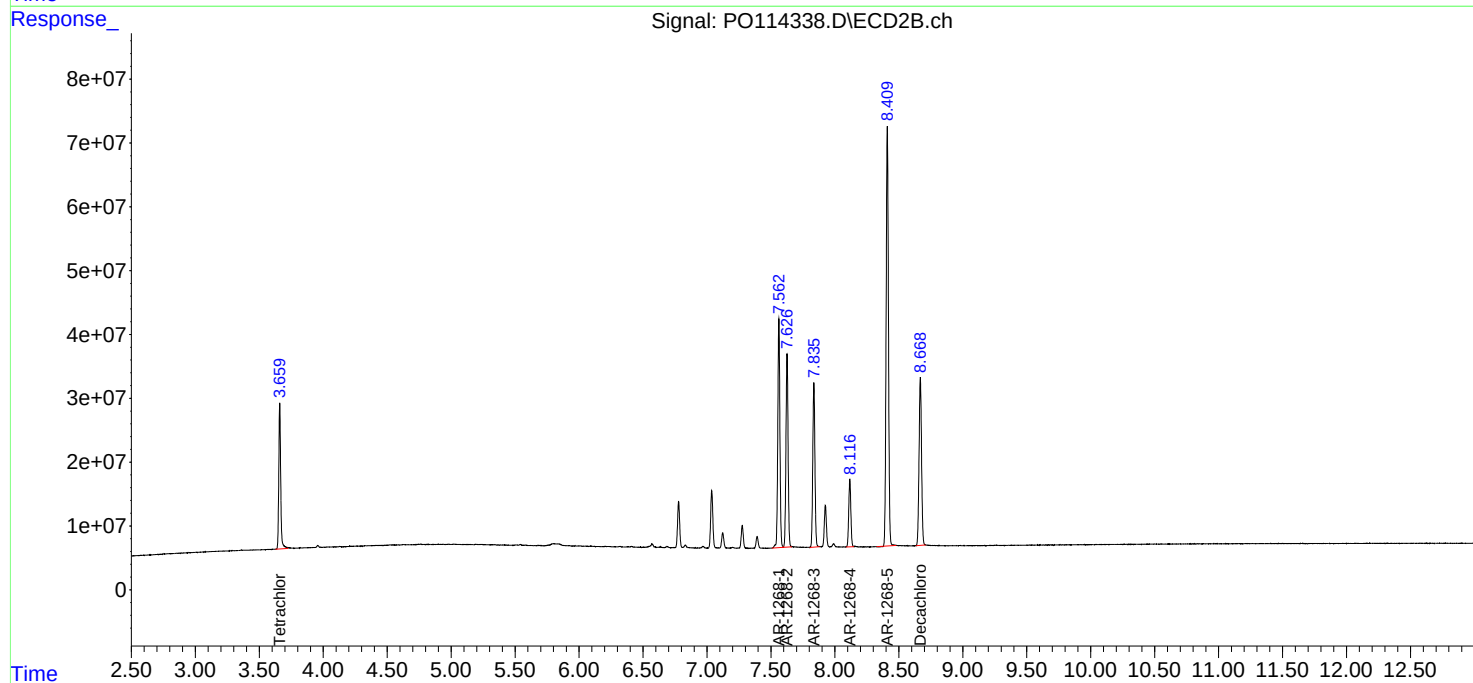
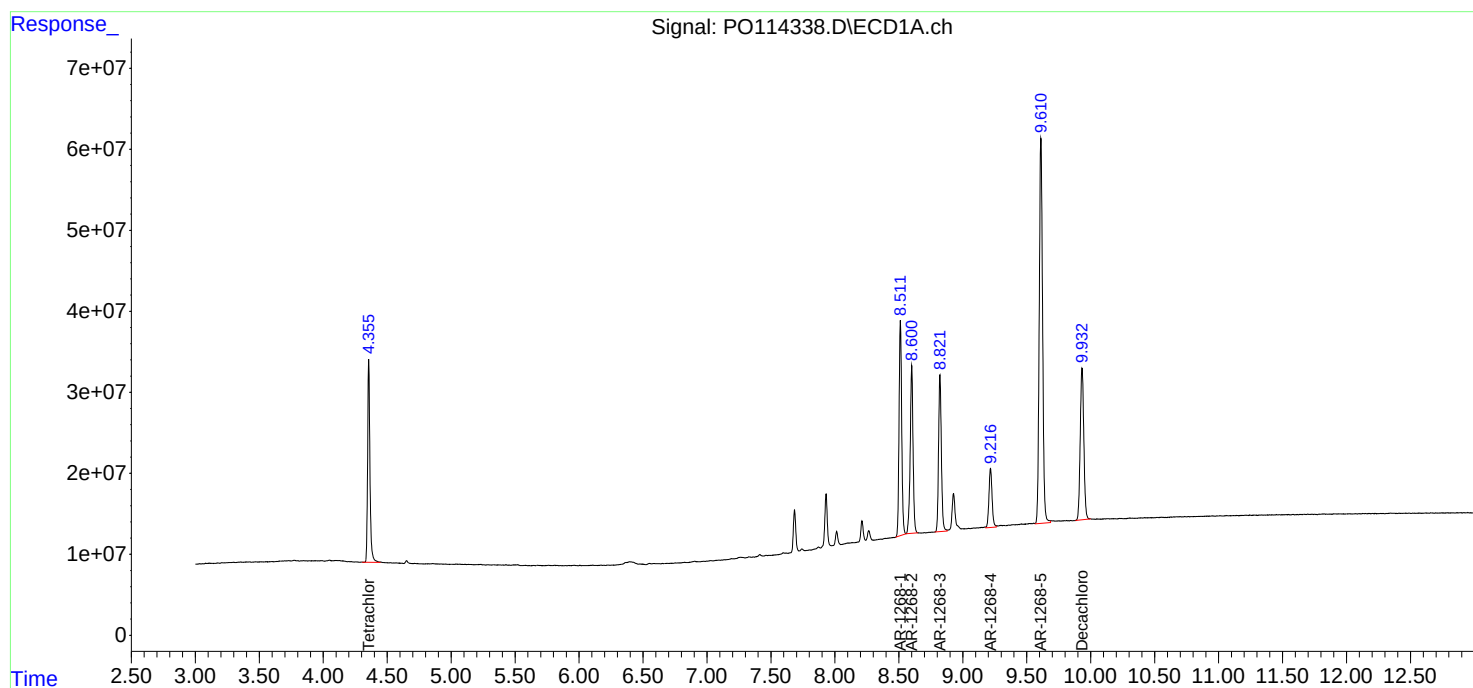


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114338.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 21:52  
Operator : YP/AJ  
Sample : AR1268ICC500  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 04:42:17 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 04:40:02 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114339.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 22:11  
 Operator : YP/AJ  
 Sample : AR1268ICC250  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1268ICC250

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 04:42:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 04:40:02 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml   |
|-----------------------------|-------|-------|----------|----------|----------|---------|
| -----                       |       |       |          |          |          |         |
| System Monitoring Compounds |       |       |          |          |          |         |
| 1) SA Tetrachlo...          | 4.355 | 3.660 | 155.5E6  | 118.7E6  | 24.600   | 24.776  |
| 2) SA Decachlor...          | 9.932 | 8.668 | 178.6E6  | 181.1E6  | 24.517   | 25.302  |
| Target Compounds            |       |       |          |          |          |         |
| 41) L9 AR-1268-1            | 8.512 | 7.562 | 186.1E6  | 207.4E6  | 246.495m | 251.932 |
| 42) L9 AR-1268-2            | 8.601 | 7.626 | 157.6E6  | 174.3E6  | 245.954  | 250.246 |
| 43) L9 AR-1268-3            | 8.821 | 7.836 | 145.1E6  | 149.6E6  | 247.339  | 249.364 |
| 44) L9 AR-1268-4            | 9.217 | 8.117 | 68332461 | 61274419 | 275.802  | 250.783 |
| 45) L9 AR-1268-5            | 9.611 | 8.410 | 430.5E6  | 411.5E6  | 247.745  | 248.795 |
| -----                       |       |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114339.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 22:11  
Operator : YP/AJ  
Sample : AR1268ICC250  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

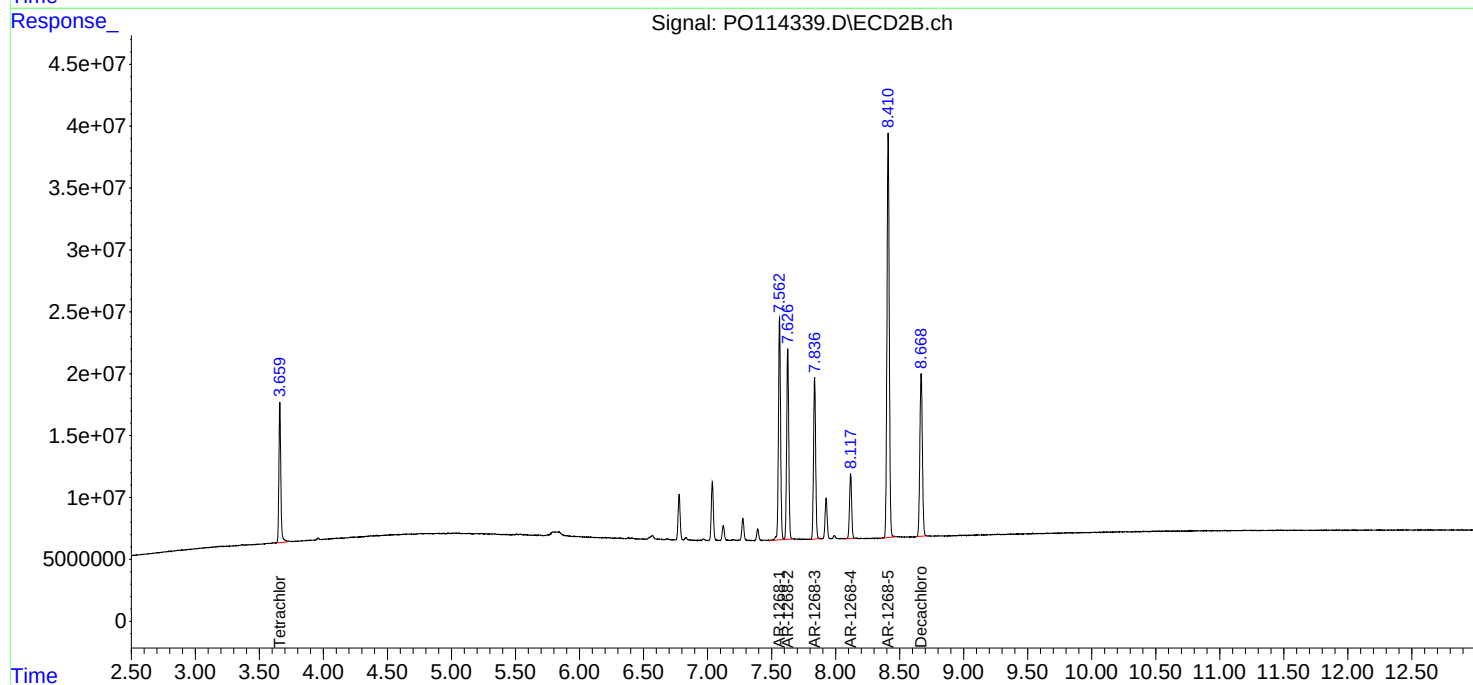
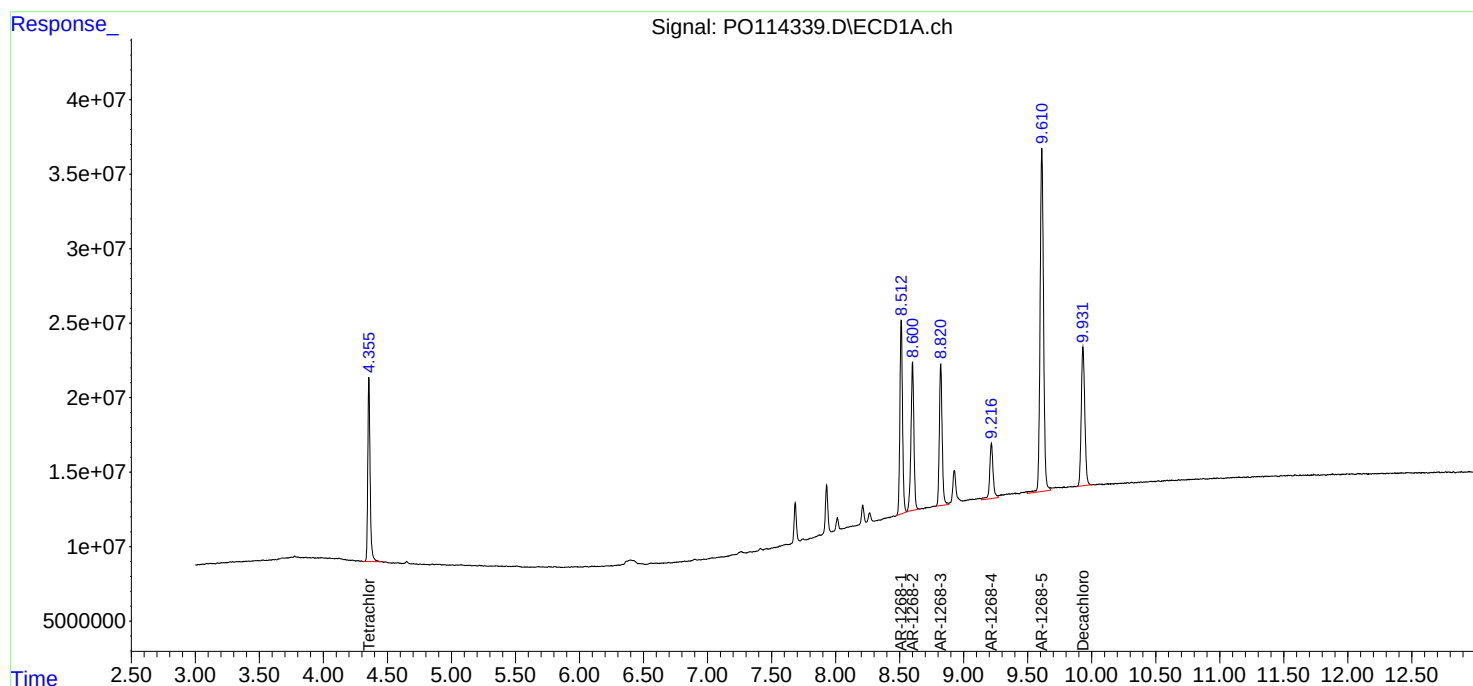
Instrument :  
ECD\_O  
ClientSampleId :  
AR1268ICC250

Manual Integrations  
APPROVED

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 04:42:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 04:40:02 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO100925\  
 Data File : PO114340.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 22:29  
 Operator : YP/AJ  
 Sample : AR1268ICC050  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 AR1268ICC050

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 04:43:12 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 04:40:02 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-------|-------|----------|----------|---------|--------|
| -----                       |       |       |          |          |         |        |
| System Monitoring Compounds |       |       |          |          |         |        |
| 1) SA Tetrachlo...          | 4.355 | 3.659 | 29229275 | 22630186 | 4.624   | 4.722  |
| 2) SA Decachlor...          | 9.932 | 8.668 | 31790557 | 35269306 | 4.365   | 4.927  |
| Target Compounds            |       |       |          |          |         |        |
| 41) L9 AR-1268-1            | 8.512 | 7.561 | 32943775 | 41304225 | 43.631  | 50.162 |
| 42) L9 AR-1268-2            | 8.601 | 7.625 | 27673298 | 33913547 | 43.178  | 48.701 |
| 43) L9 AR-1268-3            | 8.821 | 7.835 | 26198359 | 28863911 | 44.672  | 48.101 |
| 44) L9 AR-1268-4            | 9.215 | 8.116 | 11311379 | 11514154 | 45.655m | 47.125 |
| 45) L9 AR-1268-5            | 9.610 | 8.409 | 81708074 | 79828748 | 47.016  | 48.265 |
| -----                       |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114340.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 22:29  
Operator : YP/AJ  
Sample : AR1268ICC050  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

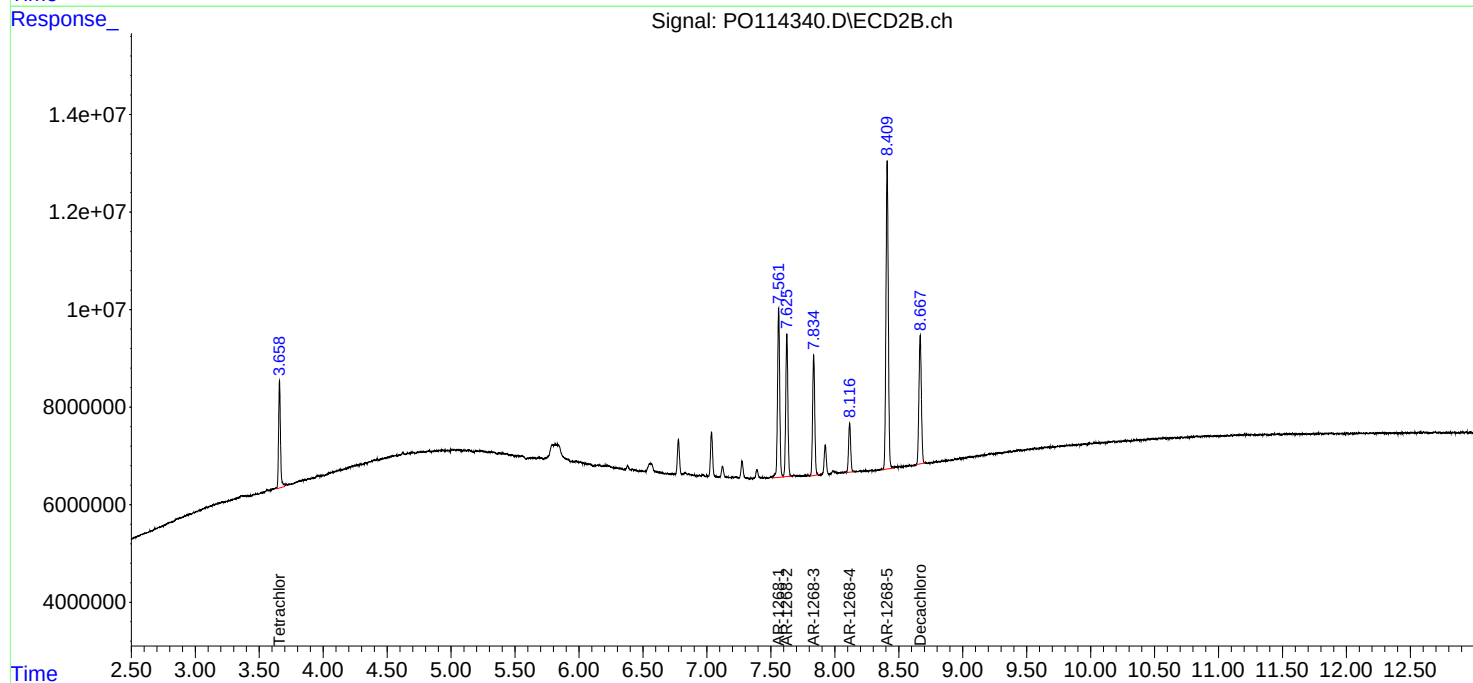
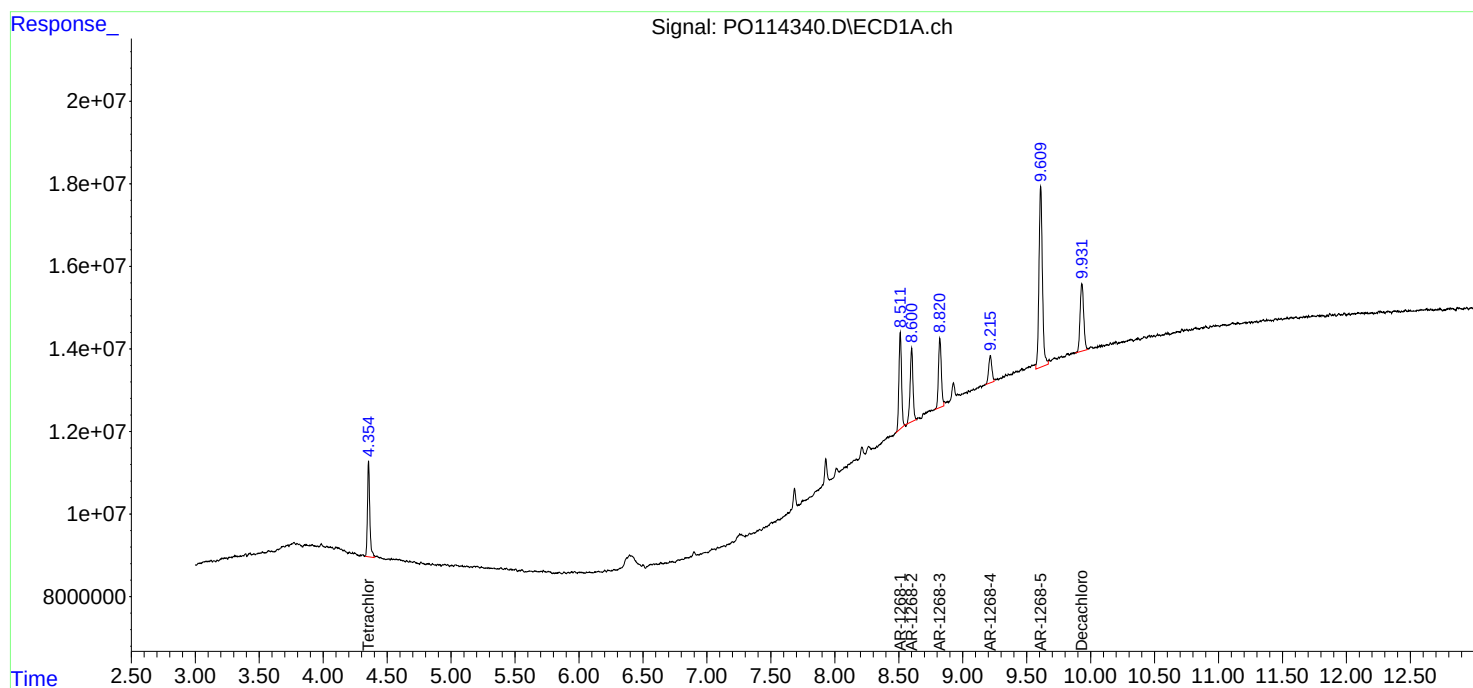
Instrument :  
ECD\_O  
ClientSampleId :  
AR1268ICC050

Manual Integrations  
APPROVED

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 04:43:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 04:40:02 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114341.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 22:47  
 Operator : YP/AJ  
 Sample : PO100925ICV500  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO100925

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 05:08:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 05:04:59 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.659 | 303.7E6  | 221.3E6  | 55.947  | 55.289  |
| 2) SA Decachlor...          | 9.934 | 8.669 | 194.5E6  | 195.5E6  | 53.423  | 58.645  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.492 | 4.741 | 99538435 | 96288840 | 551.895 | 571.839 |
| 4) L1 AR-1016-2             | 5.514 | 4.761 | 164.8E6  | 137.9E6  | 541.506 | 569.586 |
| 5) L1 AR-1016-3             | 5.575 | 4.935 | 94543131 | 72943991 | 534.588 | 587.530 |
| 6) L1 AR-1016-4             | 5.671 | 4.978 | 77904177 | 57848182 | 566.351 | 599.305 |
| 7) L1 AR-1016-5             | 5.962 | 5.190 | 70772325 | 73749593 | 560.504 | 576.820 |
| 31) L7 AR-1260-1            | 7.074 | 6.223 | 119.2E6  | 136.1E6  | 547.073 | 578.071 |
| 32) L7 AR-1260-2            | 7.328 | 6.410 | 165.7E6  | 196.5E6  | 536.948 | 587.504 |
| 33) L7 AR-1260-3            | 7.685 | 6.564 | 141.5E6  | 161.2E6  | 551.721 | 546.660 |
| 34) L7 AR-1260-4            | 7.906 | 7.036 | 122.6E6  | 133.3E6  | 526.466 | 597.798 |
| 35) L7 AR-1260-5            | 8.212 | 7.276 | 311.0E6  | 364.0E6  | 536.094 | 593.881 |
| -----                       |       |       |          |          |         |         |

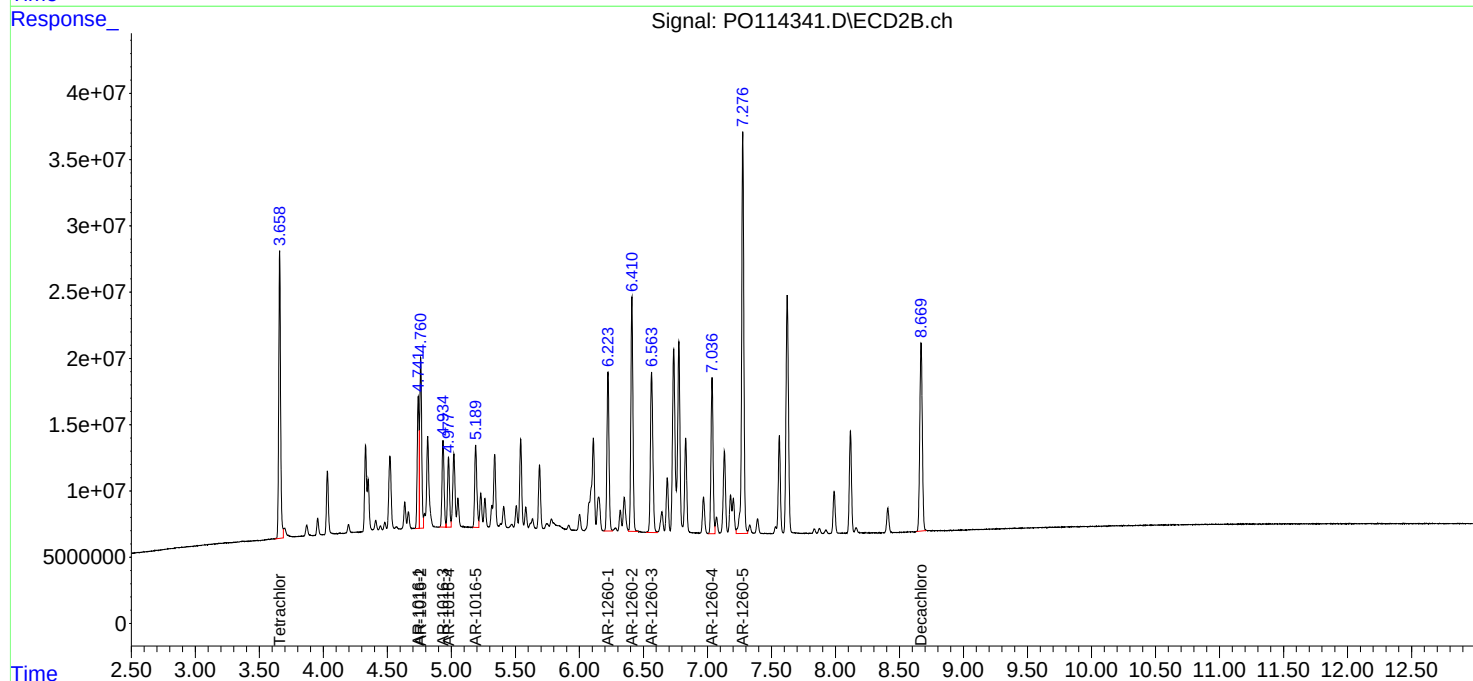
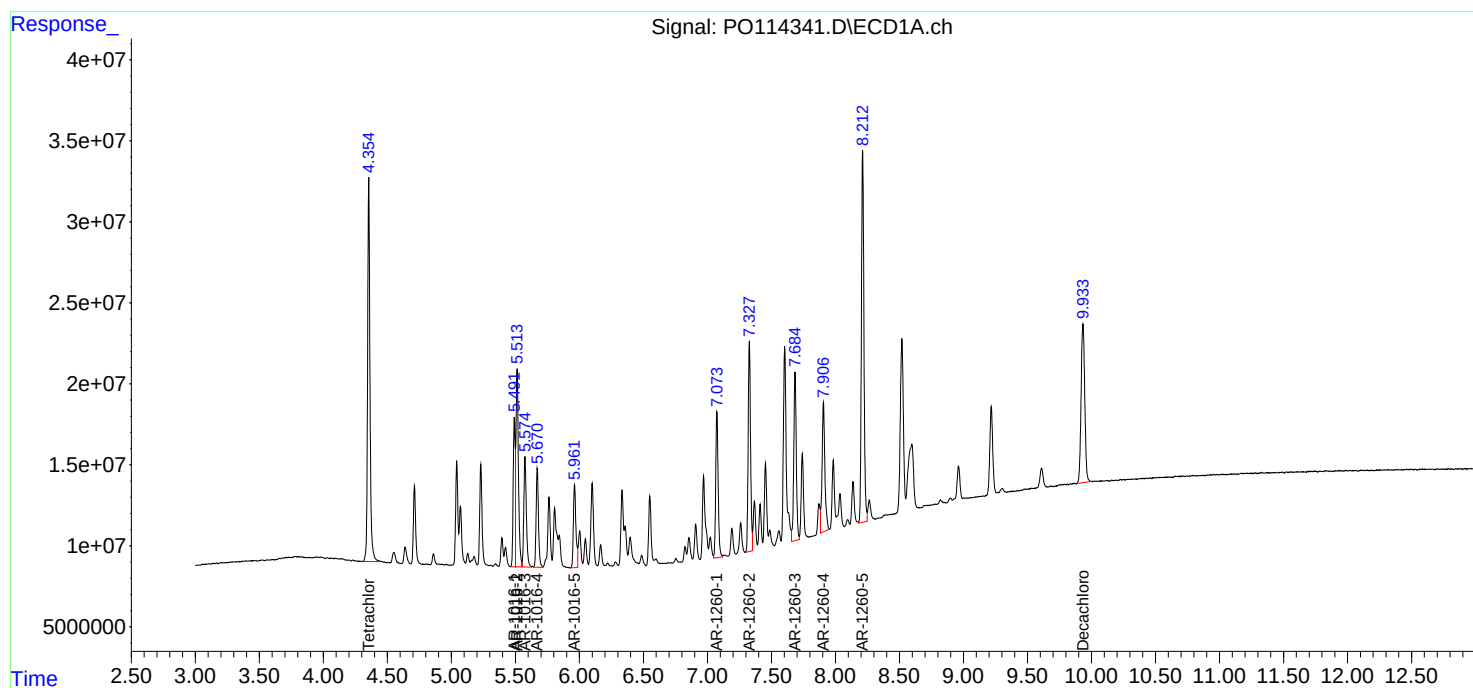
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114341.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 22:47  
Operator : YP/AJ  
Sample : PO100925ICV500  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO100925

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 05:08:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 05:04:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114342.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 23:24  
 Operator : YP/AJ  
 Sample : AR1242ICV500  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO100925AR1242

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 06:28:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 06:27:14 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.356 | 3.659 | 330.2E6  | 242.7E6  | 56.930  | 55.288  |
| 2) SA Decachlor...          | 9.933 | 8.668 | 209.0E6  | 210.1E6  | 55.194  | 56.583  |
| Target Compounds            |       |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.493 | 4.742 | 74855956 | 73484854 | 568.971 | 562.616 |
| 17) L4 AR-1242-2            | 5.515 | 4.761 | 125.5E6  | 104.9E6  | 571.646 | 561.446 |
| 18) L4 AR-1242-3            | 5.577 | 4.935 | 70973901 | 55495611 | 575.481 | 579.865 |
| 19) L4 AR-1242-4            | 5.672 | 5.020 | 60470740 | 52334489 | 589.415 | 566.736 |
| 20) L4 AR-1242-5            | 6.397 | 5.541 | 61512975 | 70272464 | 531.045 | 573.369 |
| -----                       |       |       |          |          |         |         |

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

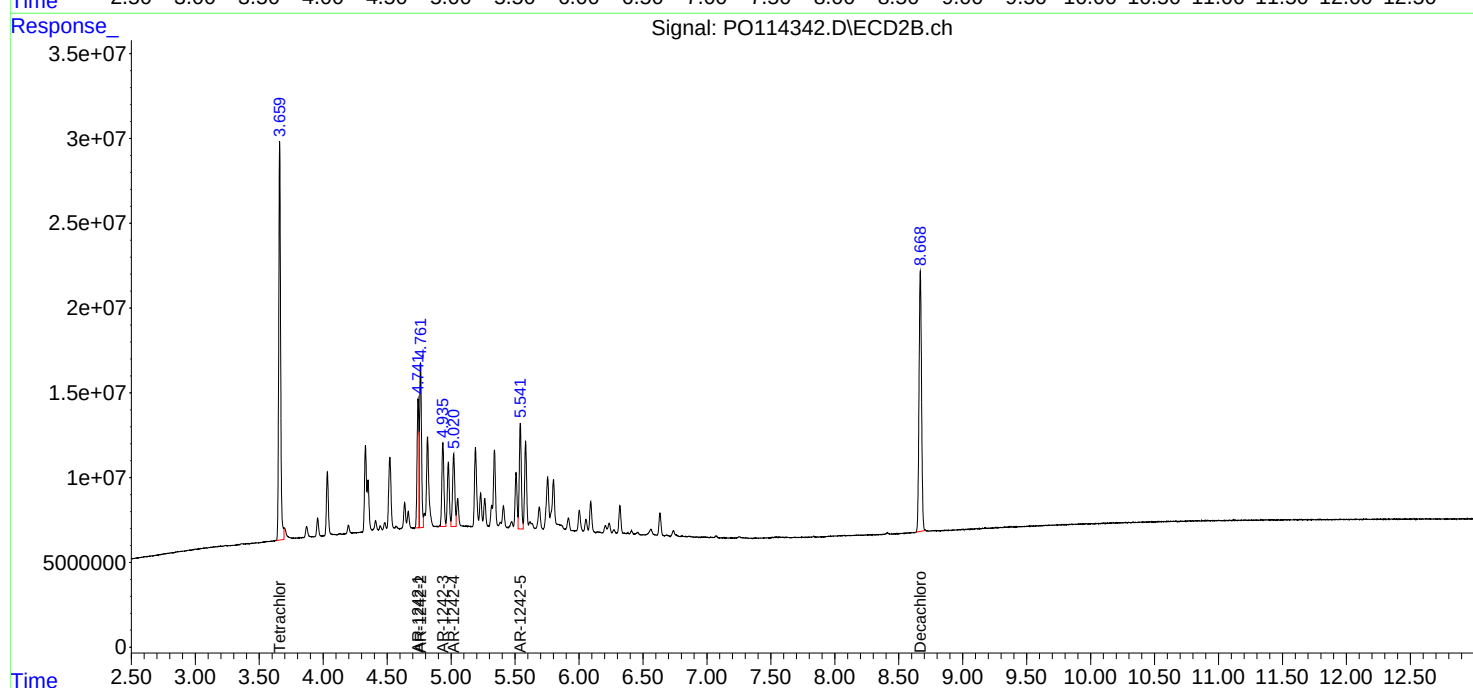
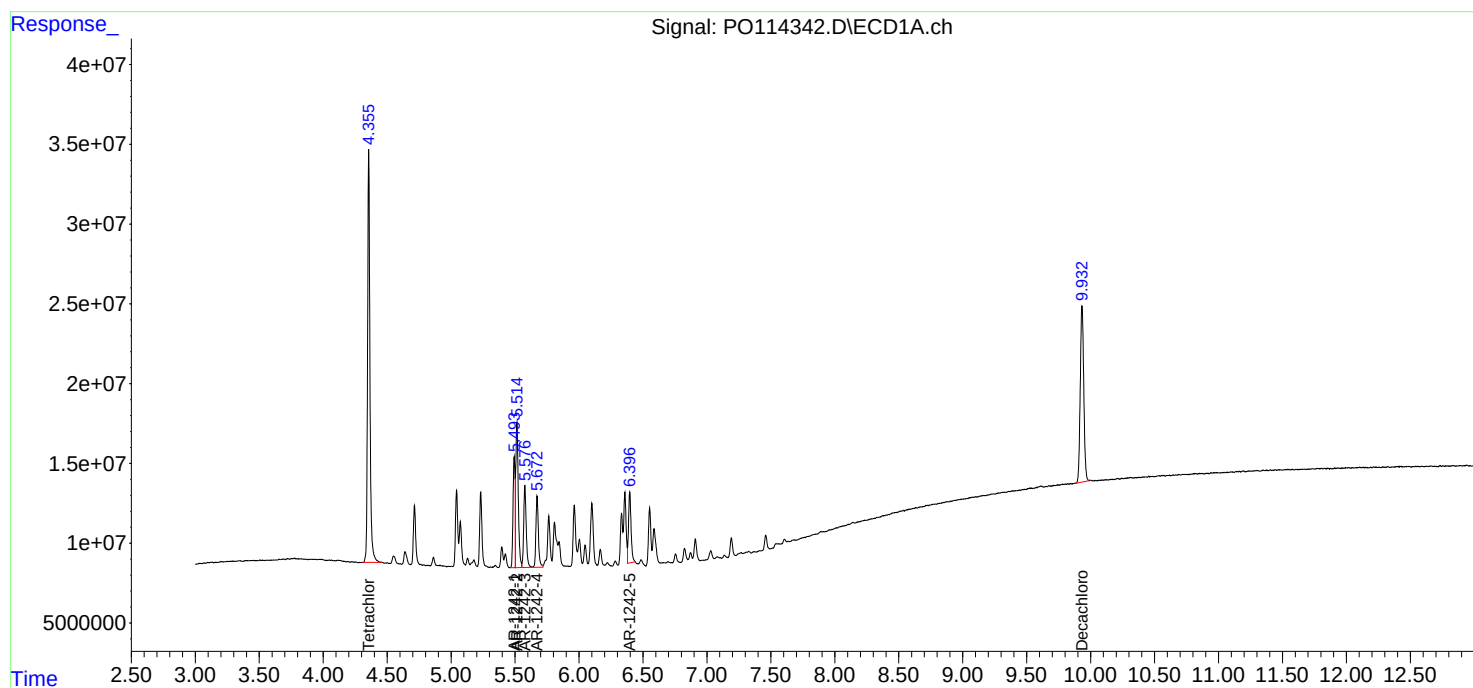


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114342.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 23:24  
Operator : YP/AJ  
Sample : AR1242ICV500  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO100925AR1242

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 06:28:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 06:27:14 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114343.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 00:01  
 Operator : YP/AJ  
 Sample : AR1248ICV500  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO100925AR1248

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 06:25:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 06:23:10 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.659 | 323.0E6  | 243.1E6  | 54.897  | 53.920  |
| 2) SA Decachlor...          | 9.932 | 8.668 | 207.6E6  | 205.8E6  | 54.042  | 53.319  |
| Target Compounds            |       |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.493 | 4.741 | 55117834 | 54823501 | 560.378 | 556.610 |
| 22) L5 AR-1248-2            | 5.763 | 4.977 | 79979285 | 73013380 | 557.096 | 544.657 |
| 23) L5 AR-1248-3            | 5.963 | 5.019 | 87657260 | 75935860 | 551.958 | 544.180 |
| 24) L5 AR-1248-4            | 6.358 | 5.190 | 103.9E6  | 89692398 | 530.899 | 545.693 |
| 25) L5 AR-1248-5            | 6.397 | 5.583 | 100.3E6  | 92535596 | 501.102 | 545.680 |
| -----                       |       |       |          |          |         |         |

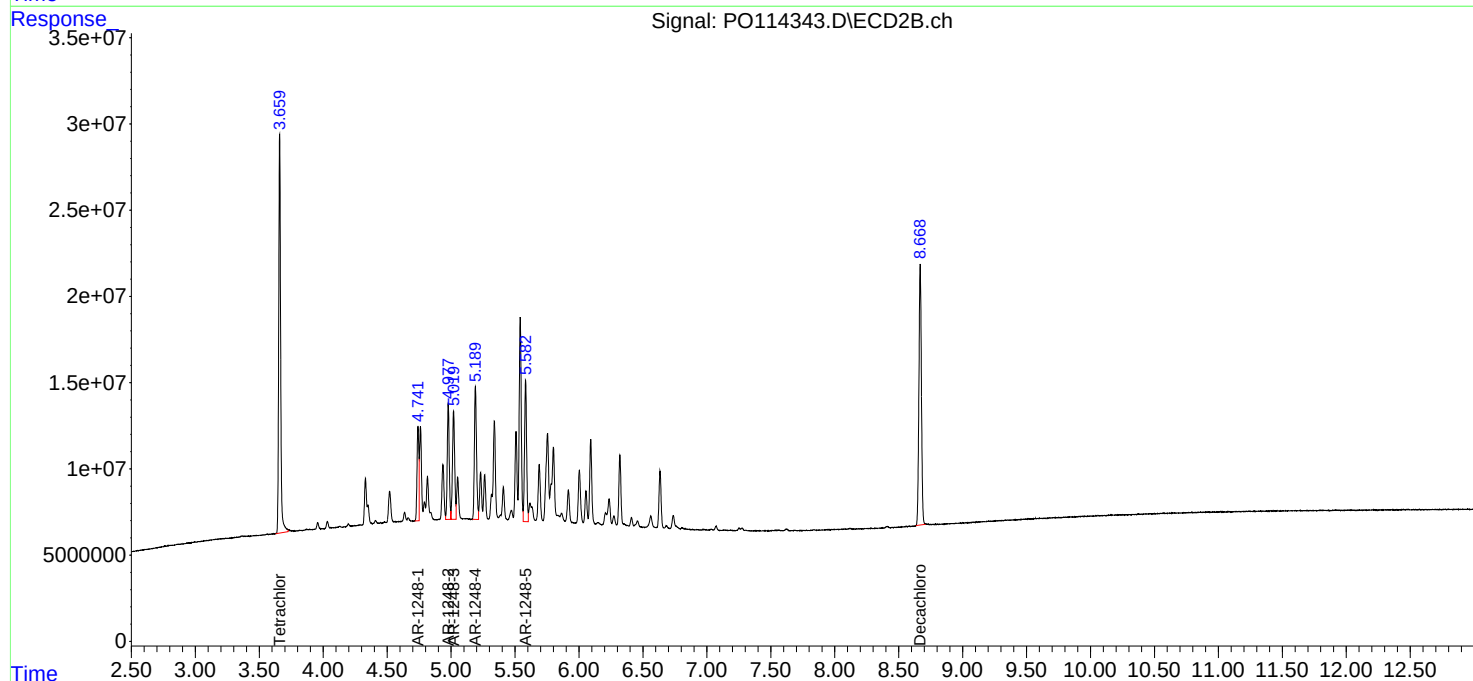
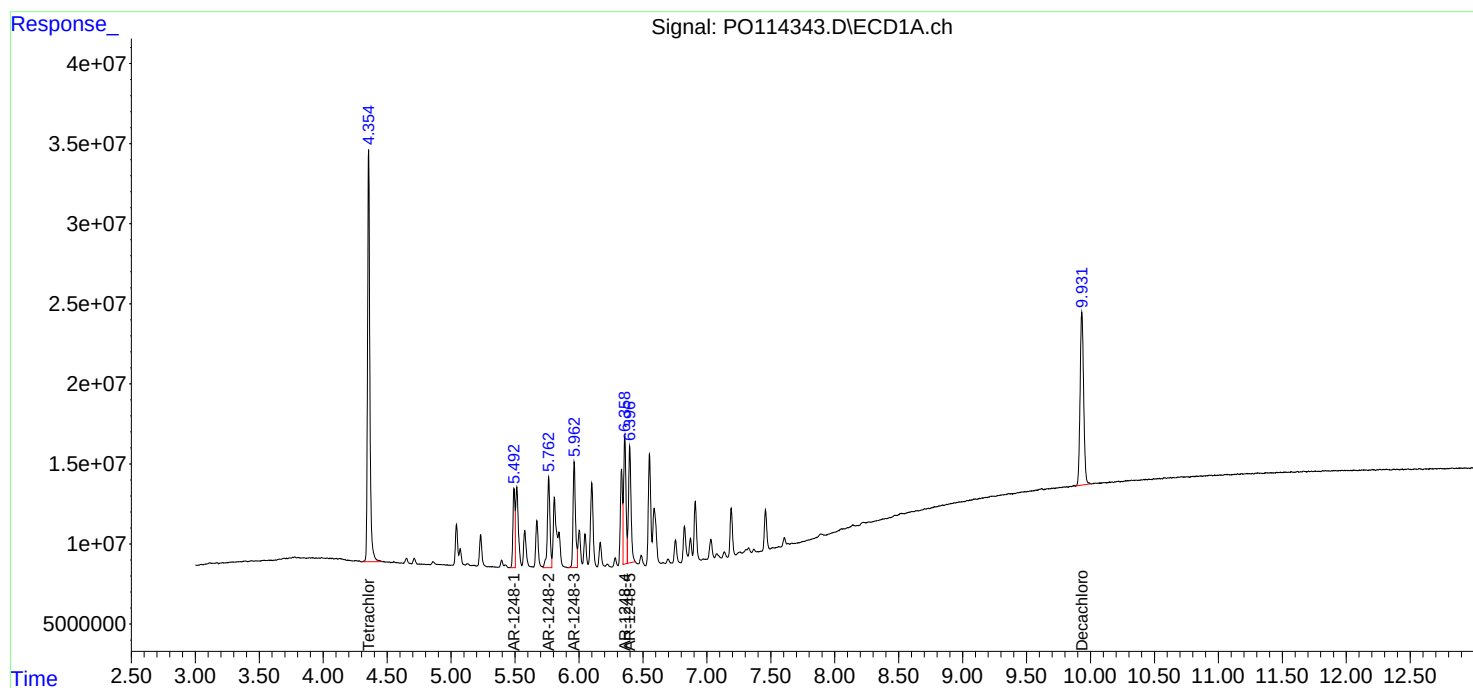
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114343.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 00:01  
Operator : YP/AJ  
Sample : AR1248ICV500  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO100925AR1248

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 06:25:16 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 06:23:10 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114344.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 00:38  
 Operator : YP/AJ  
 Sample : AR1254ICV500  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO100925AR1254

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 06:34:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 06:32:59 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 1) SA Tetrachlo...          | 4.357 | 3.659 | 314.3E6  | 241.0E6 | 53.965  | 54.148  |
| 2) SA Decachlor...          | 9.933 | 8.668 | 205.4E6  | 202.3E6 | 54.240  | 53.024  |
| Target Compounds            |       |       |          |         |         |         |
| 26) L6 AR-1254-1            | 6.336 | 5.542 | 95733432 | 143.0E6 | 548.762 | 538.035 |
| 27) L6 AR-1254-2            | 6.552 | 5.689 | 140.9E6  | 127.1E6 | 553.115 | 533.511 |
| 28) L6 AR-1254-3            | 6.911 | 6.092 | 156.5E6  | 193.5E6 | 541.767 | 545.888 |
| 29) L6 AR-1254-4            | 7.192 | 6.320 | 131.2E6  | 140.9E6 | 554.609 | 545.891 |
| 30) L6 AR-1254-5            | 7.607 | 6.738 | 121.7E6  | 175.5E6 | 554.705 | 548.175 |
| -----                       |       |       |          |         |         |         |

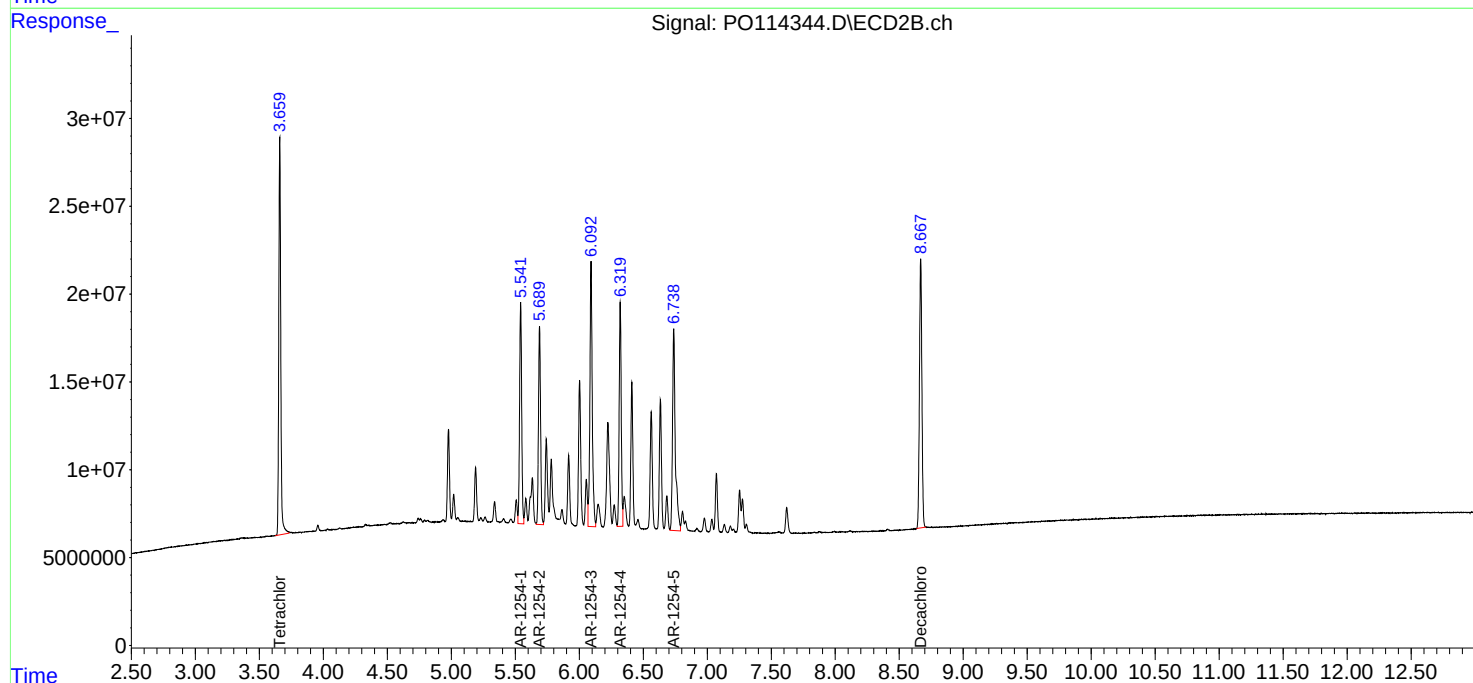
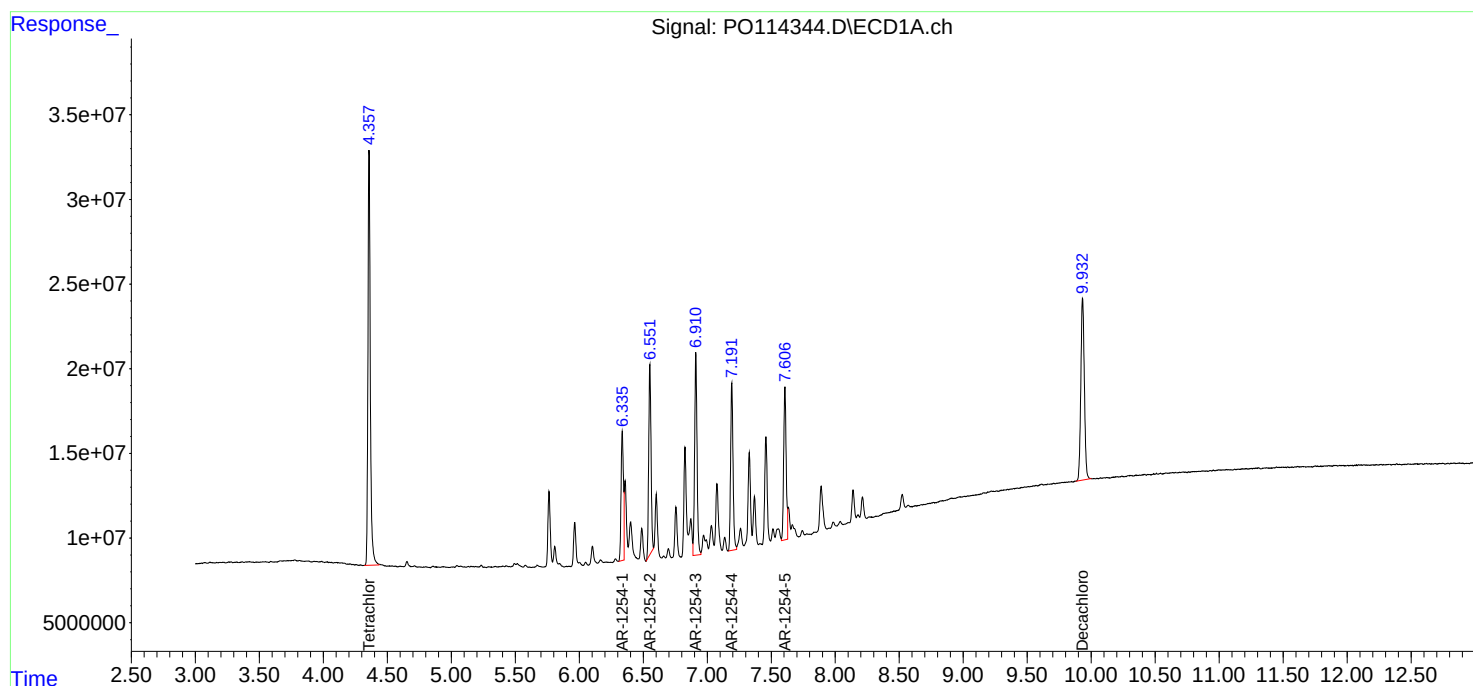
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114344.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 00:38  
Operator : YP/AJ  
Sample : AR1254ICV500  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO100925AR1254

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 06:34:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 06:32:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
 Data File : PO114345.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 01:14  
 Operator : YP/AJ  
 Sample : AR1268ICV500  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO100925AR1268

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 04:52:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 04:51:11 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|---------|---------|---------|
| -----                       |       |       |         |         |         |         |
| System Monitoring Compounds |       |       |         |         |         |         |
| 1) SA Tetrachlo...          | 4.355 | 3.659 | 331.2E6 | 248.4E6 | 53.667  | 52.840  |
| 2) SA Decachlor...          | 9.931 | 8.669 | 379.9E6 | 358.2E6 | 53.869  | 50.737  |
| Target Compounds            |       |       |         |         |         |         |
| 41) L9 AR-1268-1            | 8.512 | 7.563 | 393.2E6 | 423.9E6 | 536.591 | 518.115 |
| 42) L9 AR-1268-2            | 8.601 | 7.627 | 334.7E6 | 356.6E6 | 538.610 | 519.303 |
| 43) L9 AR-1268-3            | 8.821 | 7.837 | 306.9E6 | 305.3E6 | 536.332 | 517.128 |
| 44) L9 AR-1268-4            | 9.217 | 8.118 | 131.0E6 | 123.8E6 | 530.325 | 517.544 |
| 45) L9 AR-1268-5            | 9.610 | 8.411 | 902.6E6 | 835.5E6 | 526.634 | 512.611 |
| -----                       |       |       |         |         |         |         |

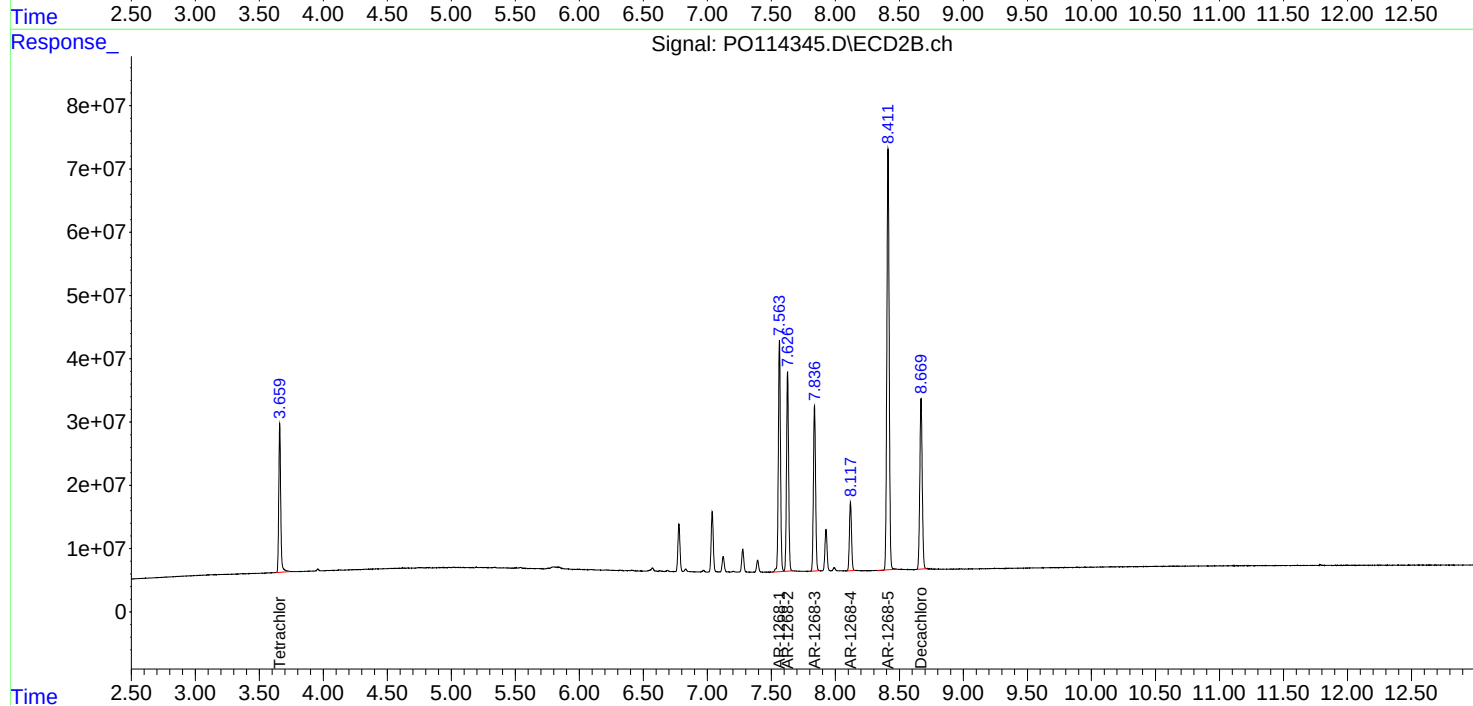
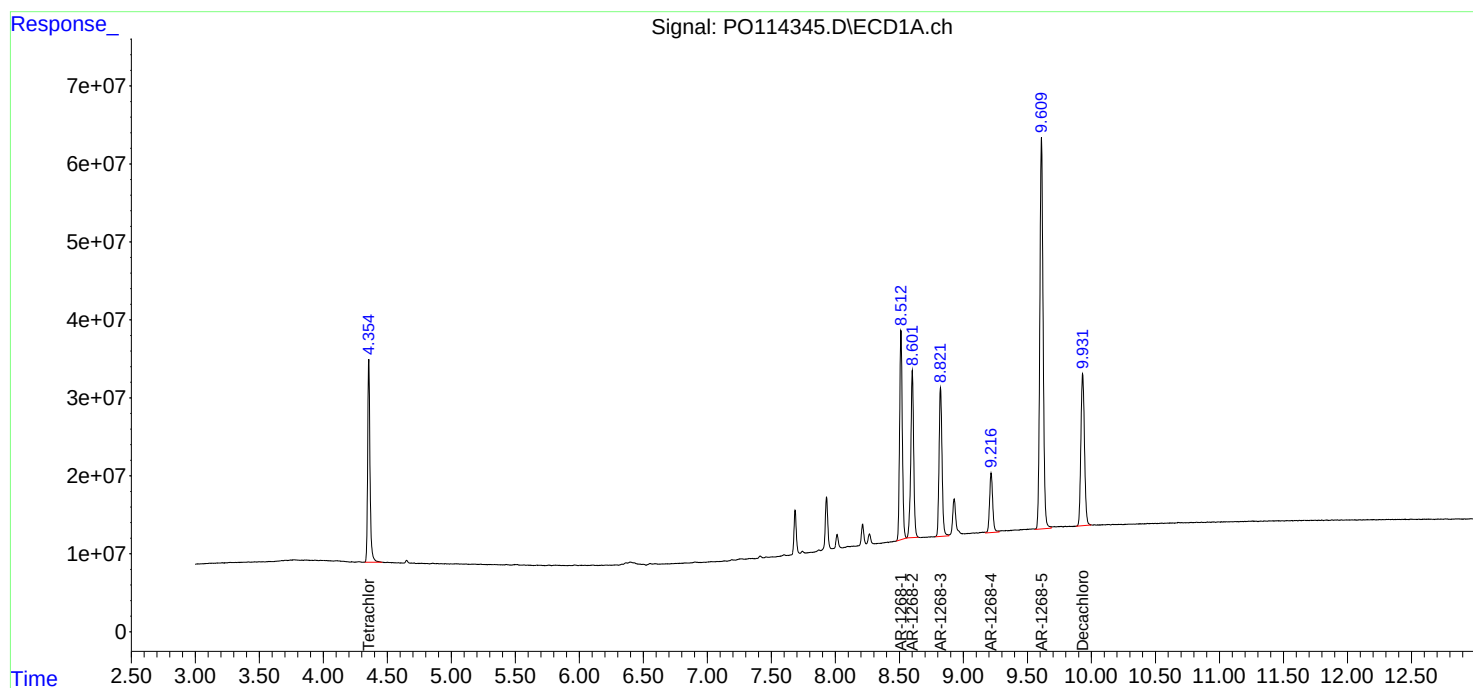
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114345.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 01:14  
Operator : YP/AJ  
Sample : AR1268ICV500  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO100925AR1268

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 04:52:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 04:51:11 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



**Contract:** REMI02

SDG NO.: Q3495

**Calibration Date(s):**           **10/21/2025**           **10/21/2025**

**Calibration Times:**                      09:06                      17:01

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

|              |            |           |                   |          |                   |
|--------------|------------|-----------|-------------------|----------|-------------------|
| LAB FILE ID: |            | RT 1000 = | <u>PP075888.D</u> | RT 750 = | <u>PP075889.D</u> |
| RT 500 =     | PP075890.D | RT 250 =  | PP075891.D        | RT 050 = | PP075892.D        |

[illegible]



[illegible]

**Contract:** REMI02

SDG NO.: Q3495

**Calibration Date(s):**           **10/21/2025**           **10/21/2025**

**Calibration Times:**                      **09:06**                      **17:01**

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

|                     |           |                   |          |                   |
|---------------------|-----------|-------------------|----------|-------------------|
| LAB FILE ID:        | RT 1000 = | <u>PP075888.D</u> | RT 750 = | <u>PP075889.D</u> |
| RT 500 = PP075890.D | RT 250 =  | PP075891.D        | RT 050 = | PP075892.D        |

[illegible]

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |      |      |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|------|------|
| Decachlorobiphenyl   | 8.79 | 8.78 | 8.79 | 8.79 | 8.79 | 8.79 | 8.69 | 8.89 |
| Tetrachloro-m-xylene | 3.78 | 3.78 | 3.79 | 3.79 | 3.79 | 3.78 | 3.68 | 3.88 |



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### CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: REMI02  
SDG NO.: Q3495

Calibration Date(s): 10/21/2025 10/21/2025  
Calibration Times: 09:06 17:01

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

| LAB FILE ID:               |     | CF 1000 = <u>PP075888.D</u> |            | CF 750 = <u>PP075889.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP075890.D</u> |     | CF 250 = <u>PP075891.D</u>  |            | CF 050 = <u>PP075892.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 53893845                    | 57848439   | 60228768                   | 63056856   | 60602640   | 59126110   |
| Aroclor-1016-2             | (2) | 81387326                    | 86593457   | 91038396                   | 94931280   | 88270120   | 88444116   |
| Aroclor-1016-3             | (3) | 50025937                    | 53493744   | 56764402                   | 59544472   | 56926600   | 55351031   |
| Aroclor-1016-4             | (4) | 41815325                    | 44617539   | 46982858                   | 48544784   | 45240520   | 45440205   |
| Aroclor-1016-5             | (5) | 39075321                    | 41377448   | 43150568                   | 44782124   | 48642160   | 43405524   |
| Aroclor-1260-1             | (1) | 64655691                    | 67908073   | 70553690                   | 74100180   | 66565440   | 68756615   |
| Aroclor-1260-2             | (2) | 80744063                    | 85234851   | 88594752                   | 93987136   | 99325680   | 89577296   |
| Aroclor-1260-3             | (3) | 64964687                    | 67552583   | 69003280                   | 72715708   | 72196540   | 69286560   |
| Aroclor-1260-4             | (4) | 65448766                    | 70711301   | 72542976                   | 74553116   | 59600740   | 68571380   |
| Aroclor-1260-5             | (5) | 139384380                   | 146230631  | 152452738                  | 155039368  | 146650940  | 147951611  |
| Decachlorobiphenyl         |     | 1012132950                  | 1071302787 | 1124785220                 | 1137889120 | 1036523400 | 1076526695 |
| Tetrachloro-m-xylene       |     | 1370219590                  | 1453116893 | 1490571040                 | 1483020960 | 1348537200 | 1429093137 |
| Aroclor-1242-1             | (1) | 44019933                    | 46315467   | 47674416                   | 50255084   | 51268840   | 47906748   |
| Aroclor-1242-2             | (2) | 64942800                    | 67715737   | 70979556                   | 73767248   | 76553360   | 70791740   |
| Aroclor-1242-3             | (3) | 40140584                    | 42044764   | 44589646                   | 47135032   | 54298900   | 45641785   |
| Aroclor-1242-4             | (4) | 33543618                    | 35162207   | 36420600                   | 36967860   | 39702420   | 36359341   |
| Aroclor-1242-5             | (5) | 36405140                    | 38662289   | 41888622                   | 39296052   | 48467620   | 40943945   |
| Decachlorobiphenyl         |     | 1136280900                  | 1209279307 | 1231278960                 | 1289202560 | 1357807000 | 1244769745 |
| Tetrachloro-m-xylene       |     | 1466601570                  | 1512648573 | 1545825660                 | 1595207720 | 1573043800 | 1538665465 |
| Aroclor-1248-1             | (1) | 33471805                    | 35785521   | 36963520                   | 39121904   | 34010240   | 35870598   |
| Aroclor-1248-2             | (2) | 44816839                    | 47584043   | 49402910                   | 52441868   | 49476340   | 48744400   |
| Aroclor-1248-3             | (3) | 49477903                    | 52446567   | 61105936                   | 57335280   | 50958020   | 54264741   |
| Aroclor-1248-4             | (4) | 60435029                    | 64167197   | 67505182                   | 72174088   | 67539280   | 66364155   |
| Aroclor-1248-5             | (5) | 58134534                    | 61713151   | 65347636                   | 71297512   | 67810300   | 64860627   |
| Decachlorobiphenyl         |     | 1140637530                  | 1190681093 | 1243623480                 | 1306886720 | 1250686400 | 1226503045 |
| Tetrachloro-m-xylene       |     | 1468701040                  | 1529744213 | 1558324940                 | 1626496320 | 1450854600 | 1526824223 |
| Aroclor-1254-1             | (1) | 66261960                    | 71898345   | 78270020                   | 82464920   | 100572060  | 79893461   |
| Aroclor-1254-2             | (2) | 87851253                    | 92570580   | 96669370                   | 102809560  | 120020480  | 99984249   |
| Aroclor-1254-3             | (3) | 92035771                    | 96900691   | 99787992                   | 105988040  | 125061300  | 103954759  |
| Aroclor-1254-4             | (4) | 73136868                    | 76689867   | 79390286                   | 83967352   | 104884540  | 83613783   |
| Aroclor-1254-5             | (5) | 85440842                    | 89720104   | 92252192                   | 95013656   | 95427040   | 91570767   |
| Decachlorobiphenyl         |     | 1194970230                  | 1245235800 | 1296058720                 | 1332579960 | 1514859800 | 1316740902 |
| Tetrachloro-m-xylene       |     | 1499217980                  | 1559170693 | 1583264260                 | 1614158480 | 1720822800 | 1595326843 |
| Aroclor-1268-1             | (1) | 186733090                   | 195066952  | 205606148                  | 210022232  | 235253460  | 206536376  |



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#### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |    |
|----------------------|-----|------------|------------|------------|------------|------------|------------|----|
| Aroclor-1268-2       | (2) | 172486766  | 179135464  | 188184104  | 190078376  | 211424800  | 188261902  | 8  |
| Aroclor-1268-3       | (3) | 145245892  | 150281380  | 156894280  | 158090072  | 165408840  | 155184093  | 5  |
| Aroclor-1268-4       | (4) | 71036137   | 74805685   | 76392484   | 76627212   | 94373740   | 78647052   | 12 |
| Aroclor-1268-5       | (5) | 446420076  | 458917541  | 475352492  | 479939416  | 541304600  | 480386825  | 8  |
| Decachlorobiphenyl   |     | 1988394870 | 2075434813 | 2173906840 | 2211711440 | 2356033600 | 2161096313 | 6  |
| Tetrachloro-m-xylene |     | 1515083040 | 1549265533 | 1603737900 | 1591085800 | 1659449000 | 1583724255 | 3  |



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### CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: REMI02  
SDG NO.: Q3495

Calibration Date(s): 10/21/2025 10/21/2025  
Calibration Times: 09:06 17:01

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

| LAB FILE ID:               |     | CF 1000 = <u>PP075888.D</u> |            | CF 750 = <u>PP075889.D</u> |            |             |               |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|-------------|---------------|
| CF 500 = <u>PP075890.D</u> |     | CF 250 = <u>PP075891.D</u>  |            | CF 050 = <u>PP075892.D</u> |            |             |               |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050      | % RSD         |
| Aroclor-1016-1             | (1) | 708597432                   | 755130533  | 750168220                  | 768814916  | 718149060   | 740172032 3   |
| Aroclor-1016-2             | (2) | 344688013                   | 362255933  | 349033076                  | 368003724  | 285681000   | 341932349 10  |
| Aroclor-1016-3             | (3) | 184756021                   | 198805969  | 201689770                  | 204443556  | 237017160   | 205342495 9   |
| Aroclor-1016-4             | (4) | 185429480                   | 195612065  | 193130110                  | 203643812  | 156612400   | 186885573 10  |
| Aroclor-1016-5             | (5) | 202087874                   | 223186380  | 221264342                  | 249936892  | 243439240   | 227982946 8   |
| Aroclor-1260-1             | (1) | 519115007                   | 547143451  | 551523748                  | 550034516  | 570658900   | 547695124 3   |
| Aroclor-1260-2             | (2) | 816933203                   | 847057133  | 836099344                  | 841169992  | 727408040   | 813733542 6   |
| Aroclor-1260-3             | (3) | 571186815                   | 591919587  | 603061842                  | 595667512  | 451948620   | 562756875 11  |
| Aroclor-1260-4             | (4) | 562542796                   | 557220415  | 556309062                  | 533352684  | 387232680   | 519331527 14  |
| Aroclor-1260-5             | (5) | 1443277342                  | 1495374137 | 1448146362                 | 1379476524 | 1011499060  | 1355554685 15 |
| Decachlorobiphenyl         |     | 7970697090                  | 8448130240 | 8416417320                 | 8375691800 | 7903993200  | 8222985930 3  |
| Tetrachloro-m-xylene       |     | 6687145430                  | 7018651333 | 6804923780                 | 6758234840 | 5822487600  | 6618288597 7  |
| Aroclor-1242-1             | (1) | 571147464                   | 588341980  | 597723718                  | 569760388  | 546790280   | 574752766 3   |
| Aroclor-1242-2             | (2) | 271622570                   | 270496133  | 289123856                  | 291348184  | 264965740   | 277511297 4   |
| Aroclor-1242-3             | (3) | 148417684                   | 150685240  | 162169734                  | 157714788  | 168071120   | 157411713 5   |
| Aroclor-1242-4             | (4) | 195275059                   | 191450107  | 210824584                  | 191270784  | 136740280   | 185112163 15  |
| Aroclor-1242-5             | (5) | 229588702                   | 236959084  | 244202752                  | 234962408  | 205474700   | 230237529 6   |
| Decachlorobiphenyl         |     | 8905080650                  | 8993413907 | 9094156860                 | 9113318400 | 9309338200  | 9083061603 2  |
| Tetrachloro-m-xylene       |     | 7556133750                  | 7417192413 | 7366207320                 | 7201170040 | 6123421000  | 7132824905 8  |
| Aroclor-1248-1             | (1) | 362937087                   | 375551145  | 389160858                  | 390611340  | 359825360   | 375617158 4   |
| Aroclor-1248-2             | (2) | 226906631                   | 241863020  | 243838414                  | 257801160  | 259130280   | 245907901 5   |
| Aroclor-1248-3             | (3) | 258884180                   | 267447340  | 286041186                  | 300772772  | 321318420   | 286892780 9   |
| Aroclor-1248-4             | (4) | 264944699                   | 288582168  | 281543548                  | 284810560  | 293675780   | 282711351 4   |
| Aroclor-1248-5             | (5) | 531974990                   | 530976477  | 538260328                  | 580030476  | 417051840   | 519658822 12  |
| Decachlorobiphenyl         |     | 8995204870                  | 9175718960 | 9269974040                 | 9050625160 | 7344080200  | 8767120646 9  |
| Tetrachloro-m-xylene       |     | 7343926730                  | 7496283907 | 7432157100                 | 7125361600 | 5416154400  | 6962776747 13 |
| Aroclor-1254-1             | (1) | 570889099                   | 597066183  | 605466528                  | 586480320  | 460097860   | 563999998 11  |
| Aroclor-1254-2             | (2) | 484331632                   | 496825463  | 519240264                  | 512723972  | 637282480   | 530080762 12  |
| Aroclor-1254-3             | (3) | 866771846                   | 893592493  | 892235862                  | 873540968  | 729313040   | 851090842 8   |
| Aroclor-1254-4             | (4) | 656603428                   | 687178148  | 673132272                  | 636725912  | 495267720   | 629781496 12  |
| Aroclor-1254-5             | (5) | 714919063                   | 793859644  | 718111150                  | 679323440  | 693198580   | 719882375 6   |
| Decachlorobiphenyl         |     | 9294247170                  | 9652211800 | 9737198260                 | 9430246600 | 10010120400 | 9624804846 3  |
| Tetrachloro-m-xylene       |     | 7467434200                  | 7759548133 | 7675903540                 | 7263970760 | 7005463400  | 7434464007 4  |
| Aroclor-1268-1             | (1) | 1831610079                  | 1813456776 | 1858863308                 | 1732000476 | 1817331660  | 1810652460 3  |



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#### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |             |             |             |             |             |             |   |
|----------------------|-----|-------------|-------------|-------------|-------------|-------------|-------------|---|
| Aroclor-1268-2       | (2) | 1800363506  | 1772458256  | 1795415328  | 1662166904  | 1645167940  | 1735114387  | 4 |
| Aroclor-1268-3       | (3) | 1369797429  | 1358701644  | 1402746042  | 1358715304  | 1345500120  | 1367092108  | 2 |
| Aroclor-1268-4       | (4) | 542764588   | 536784571   | 540251440   | 501746924   | 465672060   | 517443917   | 6 |
| Aroclor-1268-5       | (5) | 3855476951  | 3900359425  | 4013489614  | 3707995788  | 3381331260  | 3771730608  | 6 |
| Decachlorobiphenyl   |     | 16718332370 | 16659738347 | 17037476180 | 16197346520 | 15850998600 | 16492778403 | 3 |
| Tetrachloro-m-xylene |     | 7499400880  | 7531972947  | 7553431460  | 7073074800  | 6855756800  | 7302727377  | 4 |



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### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** REMI02  
**Lab Code:** ACE **SDG NO.:** Q3495  
**Instrument ID:** ECD\_P **Date(s) Analyzed:** 10/21/2025 10/21/2025  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.84 | 4.74      | 4.94 | 20176600              |
|              |                | 2    | 4.93 | 4.83      | 5.03 | 15061400              |
|              |                | 3    | 5.01 | 4.91      | 5.11 | 46915600              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 5.01 | 4.91      | 5.11 | 39314800              |
|              |                | 2    | 5.53 | 5.43      | 5.63 | 20627600              |
|              |                | 3    | 5.82 | 5.72      | 5.92 | 38639600              |
|              |                | 4    | 5.98 | 5.88      | 6.08 | 20172600              |
|              |                | 5    | 6.07 | 5.97      | 6.17 | 15662900              |
| Aroclor-1262 | 500            | 1    | 8.23 | 8.13      | 8.33 | 84026000              |
|              |                | 2    | 8.56 | 8.46      | 8.66 | 163669000             |
|              |                | 3    | 8.88 | 8.78      | 8.98 | 121787000             |
|              |                | 4    | 8.97 | 8.87      | 9.07 | 92111600              |
|              |                | 5    | 9.64 | 9.54      | 9.74 | 67824600              |





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### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** REMI02  
**Lab Code:** ACE **SDG NO.:** Q3495  
**Instrument ID:** ECD\_P **Date(s) Analyzed:** 10/21/2025 10/21/2025  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 3.99 | 3.89      | 4.09 | 90009000              |
|              |                | 2    | 4.08 | 3.98      | 4.18 | 63177800              |
|              |                | 3    | 4.15 | 4.05      | 4.25 | 212036000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.15 | 4.05      | 4.25 | 168044000             |
|              |                | 2    | 4.88 | 4.78      | 4.98 | 297516000             |
|              |                | 3    | 5.06 | 4.96      | 5.16 | 81766800              |
|              |                | 4    | 5.14 | 5.04      | 5.24 | 84943400              |
|              |                | 5    | 5.31 | 5.21      | 5.41 | 100651000             |
| Aroclor-1262 | 500            | 1    | 6.89 | 6.79      | 6.99 | 986952000             |
|              |                | 2    | 7.15 | 7.05      | 7.25 | 703208000             |
|              |                | 3    | 7.67 | 7.57      | 7.77 | 606960000             |
|              |                | 4    | 7.74 | 7.64      | 7.84 | 1101340000            |
|              |                | 5    | 8.23 | 8.13      | 8.33 | 461492000             |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075888.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 09:06  
 Operator : YP\AJ  
 Sample : AR1660ICC1000  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 17:20:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 17:14:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|----------|
| -----                       |                 |        |       |          |          |         |          |
| System Monitoring Compounds |                 |        |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 4.646  | 3.784 | 137.0E6  | 668.7E6  | 95.793  | 99.127   |
| 2)                          | SA Decachlor... | 10.422 | 8.784 | 101.2E6  | 797.1E6  | 94.728  | 97.280   |
|                             |                 |        |       |          |          |         |          |
| Target Compounds            |                 |        |       |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 5.799  | 4.880 | 53893845 | 708.6E6  | 944.490 | 971.503  |
| 4)                          | L1 AR-1016-2    | 5.820  | 4.938 | 81387326 | 344.7E6  | 944.028 | 993.737  |
| 5)                          | L1 AR-1016-3    | 5.883  | 5.058 | 50025937 | 184.8E6  | 936.900 | 956.181  |
| 6)                          | L1 AR-1016-4    | 5.980  | 5.099 | 41815325 | 185.4E6  | 941.806 | 979.658  |
| 7)                          | L1 AR-1016-5    | 6.272  | 5.313 | 39075321 | 202.1E6  | 950.438 | 954.703  |
| 31)                         | L7 AR-1260-1    | 7.391  | 6.341 | 64655691 | 519.1E6  | 956.379 | 969.730  |
| 32)                         | L7 AR-1260-2    | 7.643  | 6.527 | 80744063 | 816.9E6  | 953.639 | 988.405  |
| 33)                         | L7 AR-1260-3    | 8.001  | 6.681 | 64964687 | 571.2E6  | 969.854 | 972.855  |
| 34)                         | L7 AR-1260-4    | 8.229  | 7.150 | 65448766 | 562.5E6  | 948.590 | 1005.572 |
| 35)                         | L7 AR-1260-5    | 8.555  | 7.390 | 139.4E6  | 1443.3E6 | 955.220 | 998.316  |
| -----                       |                 |        |       |          |          |         |          |

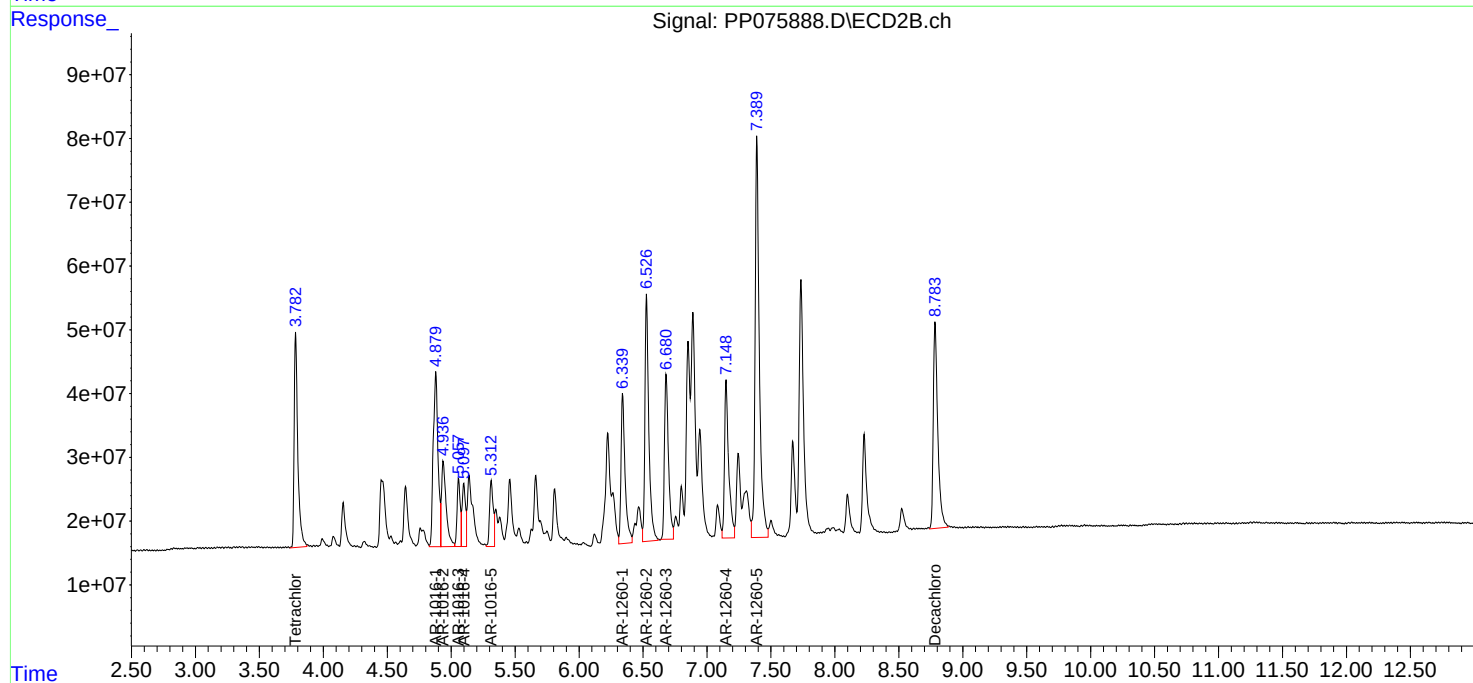
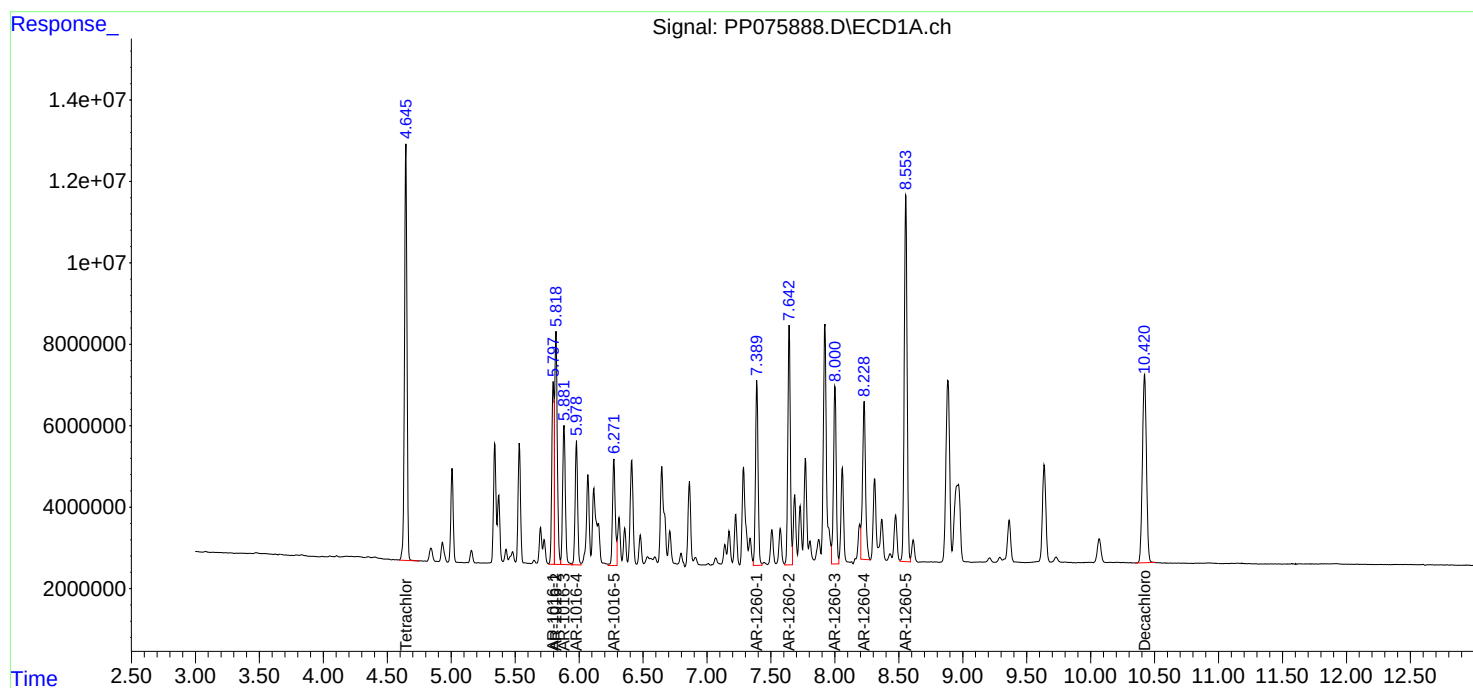
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075888.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 09:06  
Operator : YP\AJ  
Sample : AR1660ICC1000  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 17:20:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 17:14:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075889.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 09:22  
 Operator : YP\AJ  
 Sample : AR1660ICC750  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 17:23:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 17:14:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.642  | 3.781 | 109.0E6  | 526.4E6  | 75.790  | 76.994  |
| 2) SA Decachlor...          | 10.419 | 8.782 | 80347709 | 633.6E6  | 75.133  | 76.538  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.795  | 4.877 | 43386329 | 566.3E6  | 756.866 | 767.445 |
| 4) L1 AR-1016-2             | 5.817  | 4.935 | 64945093 | 271.7E6  | 752.204 | 771.869 |
| 5) L1 AR-1016-3             | 5.879  | 5.055 | 40120308 | 149.1E6  | 750.922 | 764.309 |
| 6) L1 AR-1016-4             | 5.977  | 5.096 | 33463154 | 146.7E6  | 752.456 | 766.543 |
| 7) L1 AR-1016-5             | 6.270  | 5.309 | 31033086 | 167.4E6  | 753.210 | 776.704 |
| 31) L7 AR-1260-1            | 7.387  | 6.338 | 50931055 | 410.4E6  | 752.240 | 760.963 |
| 32) L7 AR-1260-2            | 7.640  | 6.525 | 63926138 | 635.3E6  | 753.332 | 762.324 |
| 33) L7 AR-1260-3            | 7.999  | 6.678 | 50664437 | 443.9E6  | 754.232 | 754.073 |
| 34) L7 AR-1260-4            | 8.226  | 7.147 | 53033476 | 417.9E6  | 762.329 | 748.026 |
| 35) L7 AR-1260-5            | 8.552  | 7.387 | 109.7E6  | 1121.5E6 | 751.069 | 766.981 |
| -----                       |        |       |          |          |         |         |

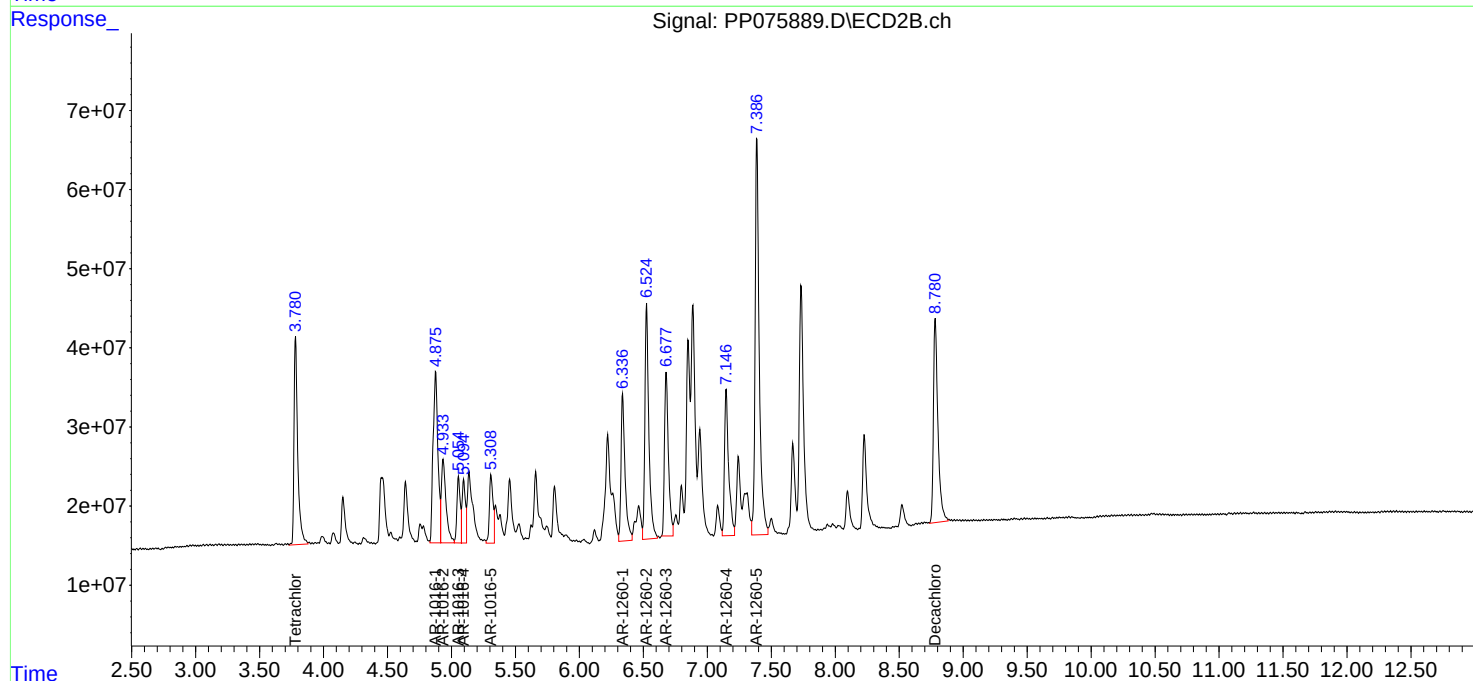
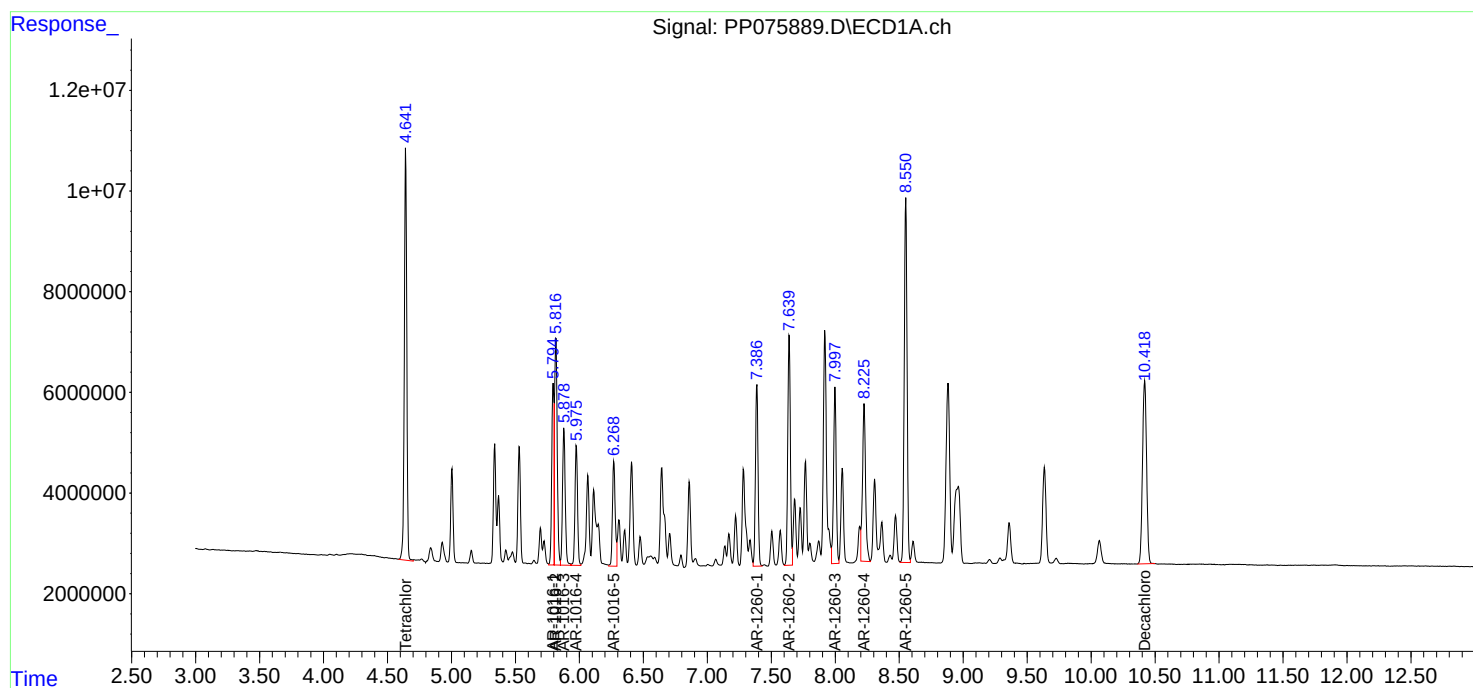
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075889.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 09:22  
Operator : YP\AJ  
Sample : AR1660ICC750  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 17:23:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 17:14:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075890.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 09:38  
 Operator : YP\AJ  
 Sample : AR1660ICC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 17:17:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 17:14:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.642  | 3.781 | 74528552 | 340.2E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.419 | 8.782 | 56239261 | 420.8E6  | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.795  | 4.878 | 30114384 | 375.1E6  | 500.000 | 500.000 |
| 4) L1 AR-1016-2             | 5.817  | 4.936 | 45519198 | 174.5E6  | 500.000 | 500.000 |
| 5) L1 AR-1016-3             | 5.880  | 5.054 | 28382201 | 100.8E6  | 500.000 | 500.000 |
| 6) L1 AR-1016-4             | 5.977  | 5.096 | 23491429 | 96565055 | 500.000 | 500.000 |
| 7) L1 AR-1016-5             | 6.269  | 5.310 | 21575284 | 110.6E6  | 500.000 | 500.000 |
| 31) L7 AR-1260-1            | 7.387  | 6.338 | 35276845 | 275.8E6  | 500.000 | 500.000 |
| 32) L7 AR-1260-2            | 7.640  | 6.525 | 44297376 | 418.0E6  | 500.000 | 500.000 |
| 33) L7 AR-1260-3            | 7.999  | 6.678 | 34501640 | 301.5E6  | 500.000 | 500.000 |
| 34) L7 AR-1260-4            | 8.227  | 7.147 | 36271488 | 278.2E6  | 500.000 | 500.000 |
| 35) L7 AR-1260-5            | 8.552  | 7.387 | 76226369 | 724.1E6  | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

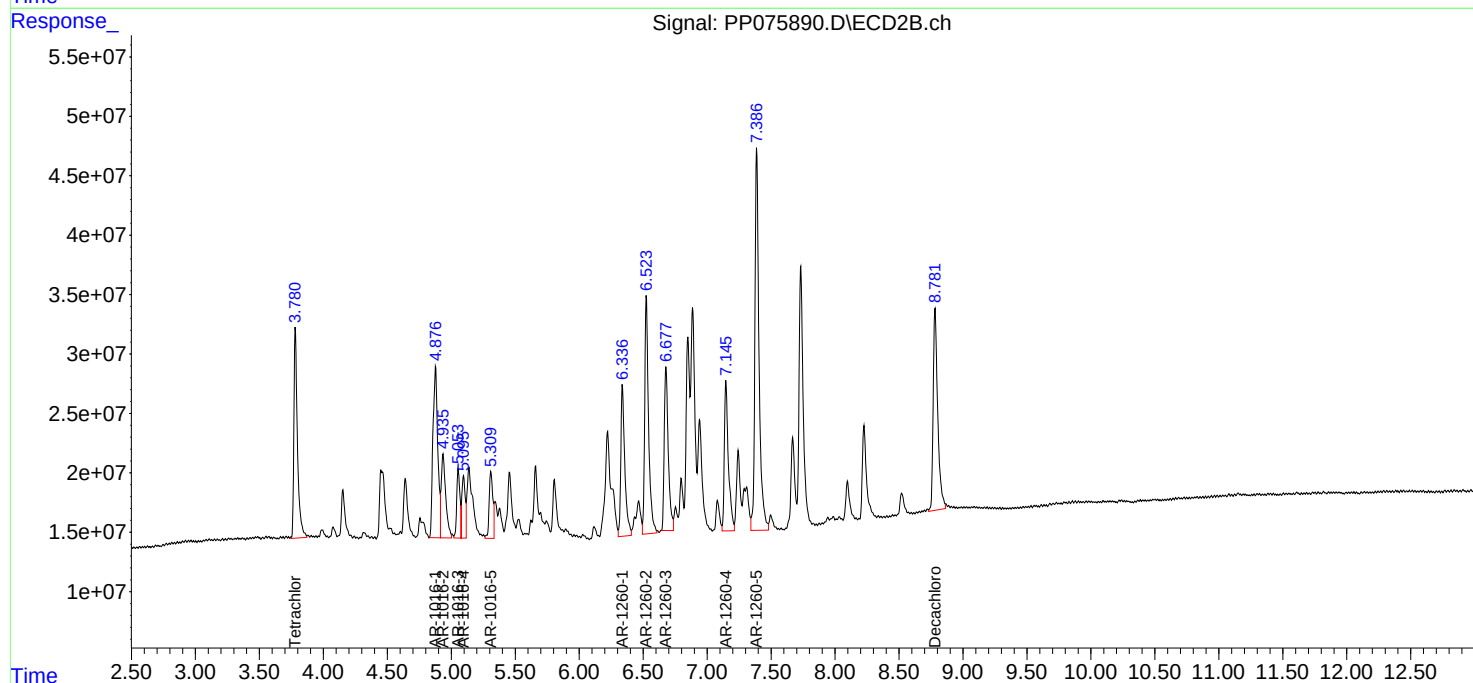
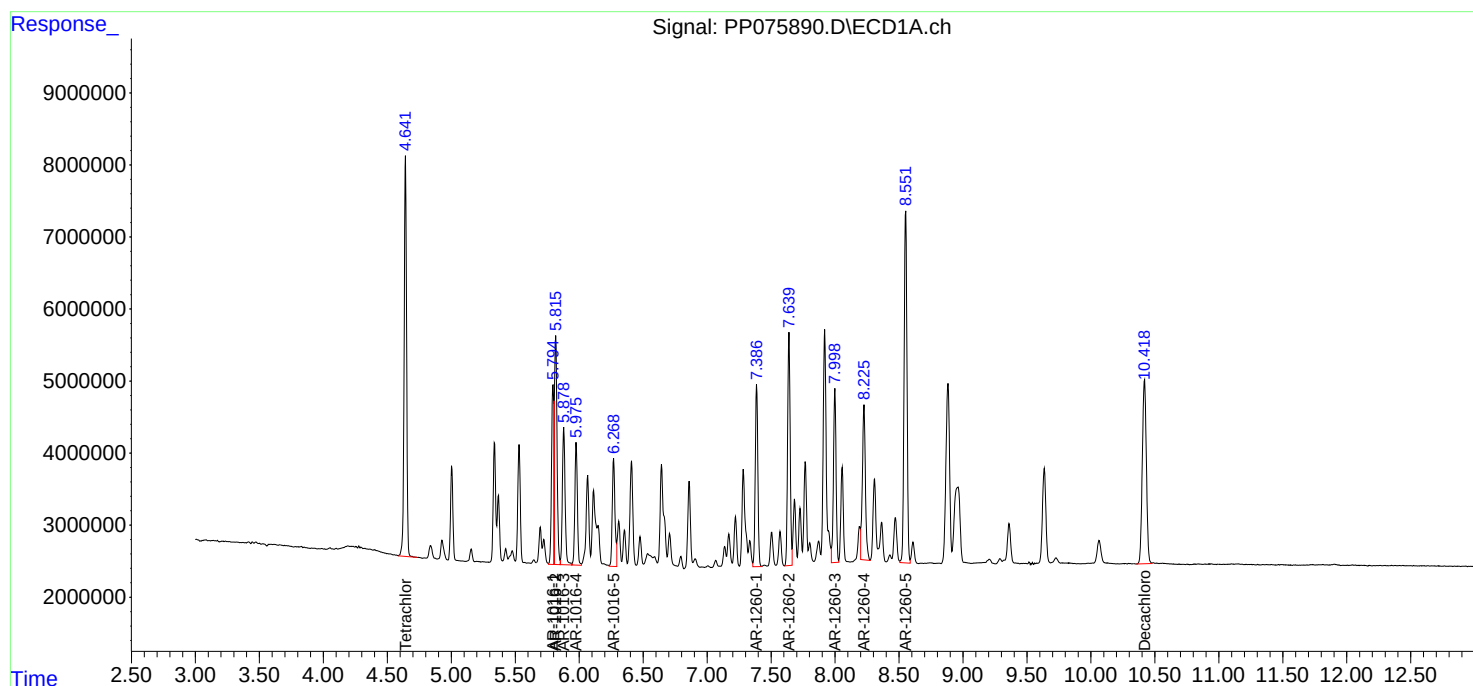
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075890.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 09:38  
Operator : YP\AJ  
Sample : AR1660ICC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 17:17:19 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 17:14:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075891.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 09:54  
 Operator : YP\AJ  
 Sample : AR1660ICC250  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 17:27:12 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 17:14:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.645  | 3.784 | 37075524 | 169.0E6  | 25.583  | 24.784  |
| 2) SA Decachlor...          | 10.422 | 8.784 | 28447228 | 209.4E6  | 26.182  | 25.220  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.798  | 4.879 | 15764214 | 192.2E6  | 268.295 | 257.757 |
| 4) L1 AR-1016-2             | 5.819  | 4.938 | 23732820 | 92000931 | 268.205 | 258.433 |
| 5) L1 AR-1016-3             | 5.882  | 5.057 | 14886118 | 51110889 | 270.868 | 258.889 |
| 6) L1 AR-1016-4             | 5.979  | 5.098 | 12136196 | 50910953 | 266.787 | 261.815 |
| 7) L1 AR-1016-5             | 6.272  | 5.311 | 11195531 | 62484223 | 265.950 | 278.799 |
| 31) L7 AR-1260-1            | 7.390  | 6.340 | 18525045 | 137.5E6  | 267.300 | 253.727 |
| 32) L7 AR-1260-2            | 7.643  | 6.526 | 23496784 | 210.3E6  | 269.643 | 251.752 |
| 33) L7 AR-1260-3            | 8.001  | 6.680 | 18178927 | 148.9E6  | 265.157 | 252.205 |
| 34) L7 AR-1260-4            | 8.229  | 7.150 | 18638279 | 133.3E6  | 263.200 | 241.399 |
| 35) L7 AR-1260-5            | 8.554  | 7.389 | 38759842 | 344.9E6  | 261.402 | 239.232 |
| -----                       |        |       |          |          |         |         |

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

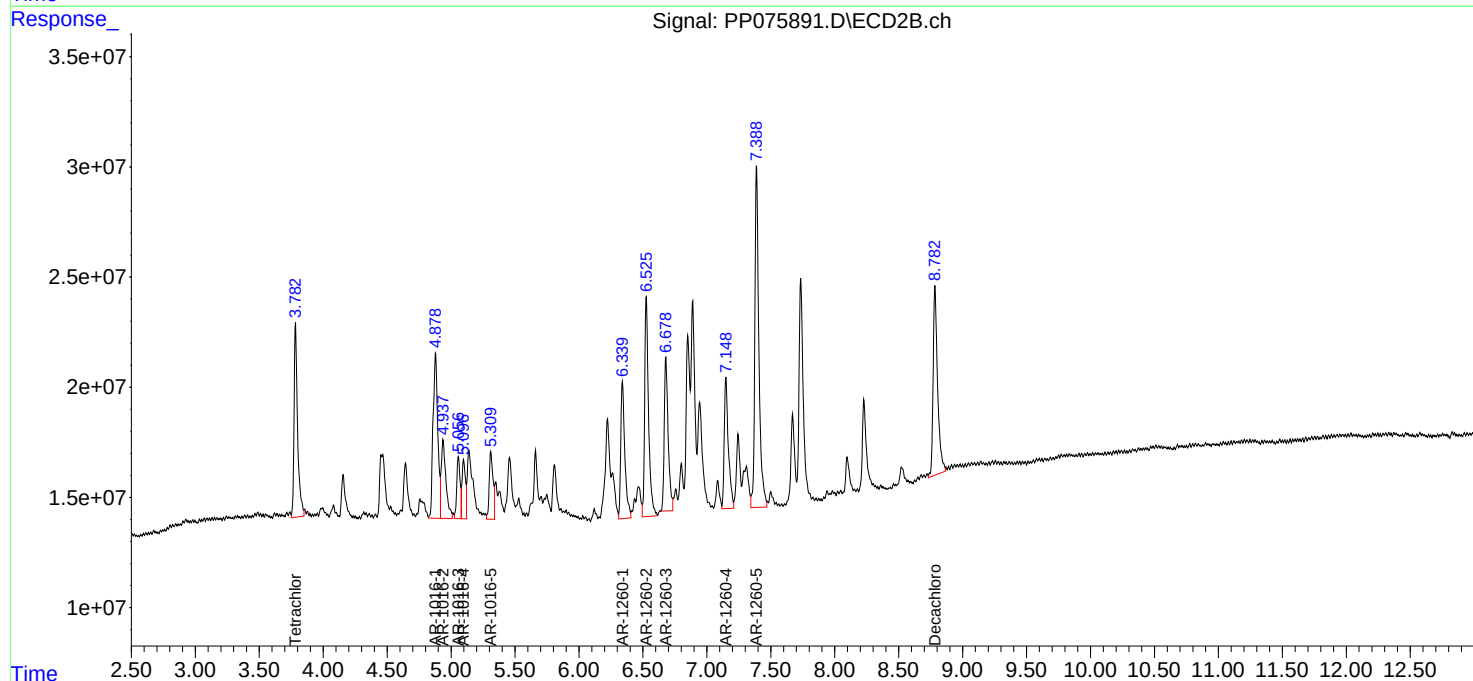
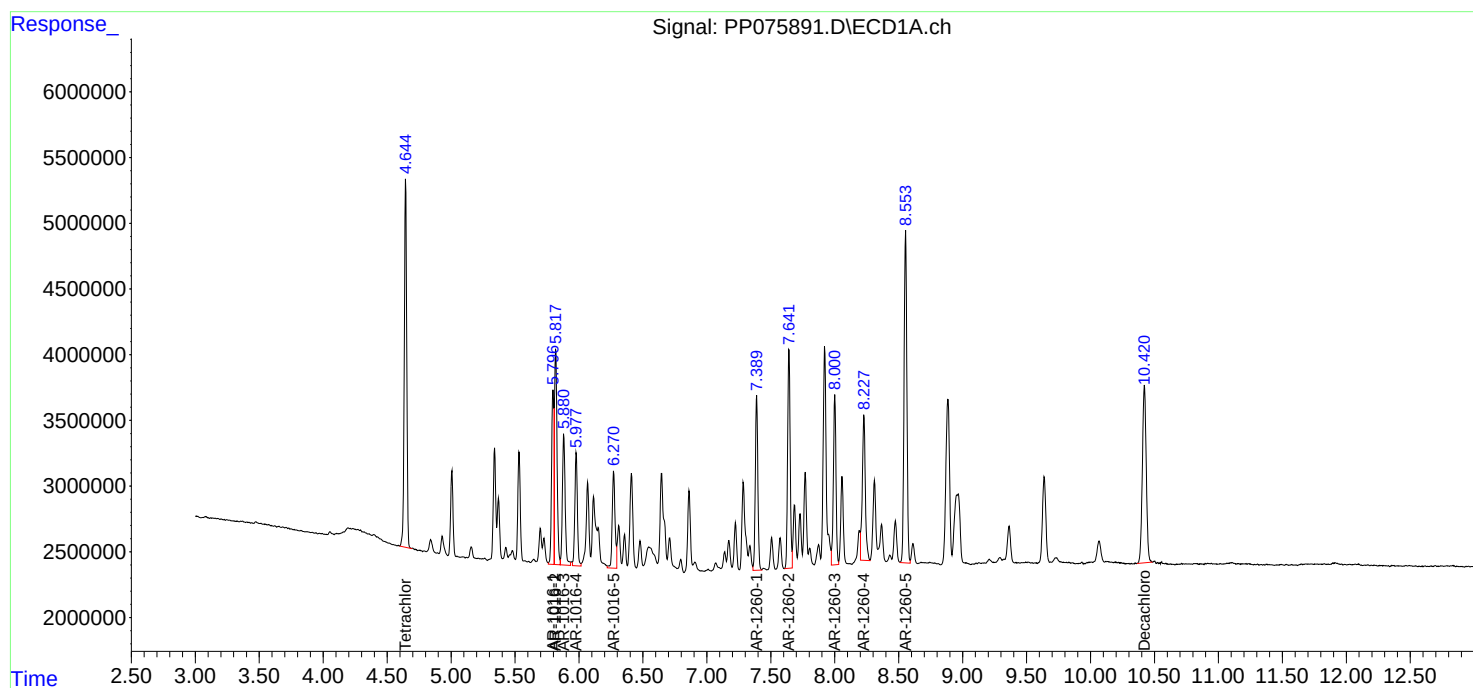


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075891.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 09:54  
Operator : YP\AJ  
Sample : AR1660ICC250  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 17:27:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 17:14:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075892.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 10:11  
 Operator : YP\AJ  
 Sample : AR1660ICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 17:33:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 17:14:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|---------|----------|---------|---------|
| -----                       |        |       |         |          |         |         |
| System Monitoring Compounds |        |       |         |          |         |         |
| 1) SA Tetrachlo...          | 4.645  | 3.781 | 6742686 | 29112438 | 4.718   | 4.278m  |
| 2) SA Decachlor...          | 10.422 | 8.783 | 5182617 | 39519966 | 4.814   | 4.806   |
| Target Compounds            |        |       |         |          |         |         |
| 3) L1 AR-1016-1             | 5.798  | 4.880 | 3030132 | 35907453 | 51.249  | 48.512  |
| 4) L1 AR-1016-2             | 5.819  | 4.943 | 4413506 | 14284050 | 49.902  | 41.774  |
| 5) L1 AR-1016-3             | 5.880  | 5.052 | 2846330 | 11850858 | 50.609m | 58.316m |
| 6) L1 AR-1016-4             | 5.978  | 5.094 | 2262026 | 7830620  | 48.653m | 41.996m |
| 7) L1 AR-1016-5             | 6.272  | 5.308 | 2432108 | 12171962 | 56.032  | 53.433m |
| 31) L7 AR-1260-1            | 7.390  | 6.339 | 3328272 | 28532945 | 48.407  | 52.096  |
| 32) L7 AR-1260-2            | 7.643  | 6.528 | 4966284 | 36370402 | 55.441  | 44.696  |
| 33) L7 AR-1260-3            | 8.001  | 6.681 | 3609827 | 22597431 | 52.100  | 40.155  |
| 34) L7 AR-1260-4            | 8.229  | 7.150 | 2980037 | 19361634 | 43.459  | 37.282  |
| 35) L7 AR-1260-5            | 8.555  | 7.388 | 7332547 | 50574953 | 49.560  | 37.309  |
| -----                       |        |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075892.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 10:11  
Operator : YP\AJ  
Sample : AR1660ICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

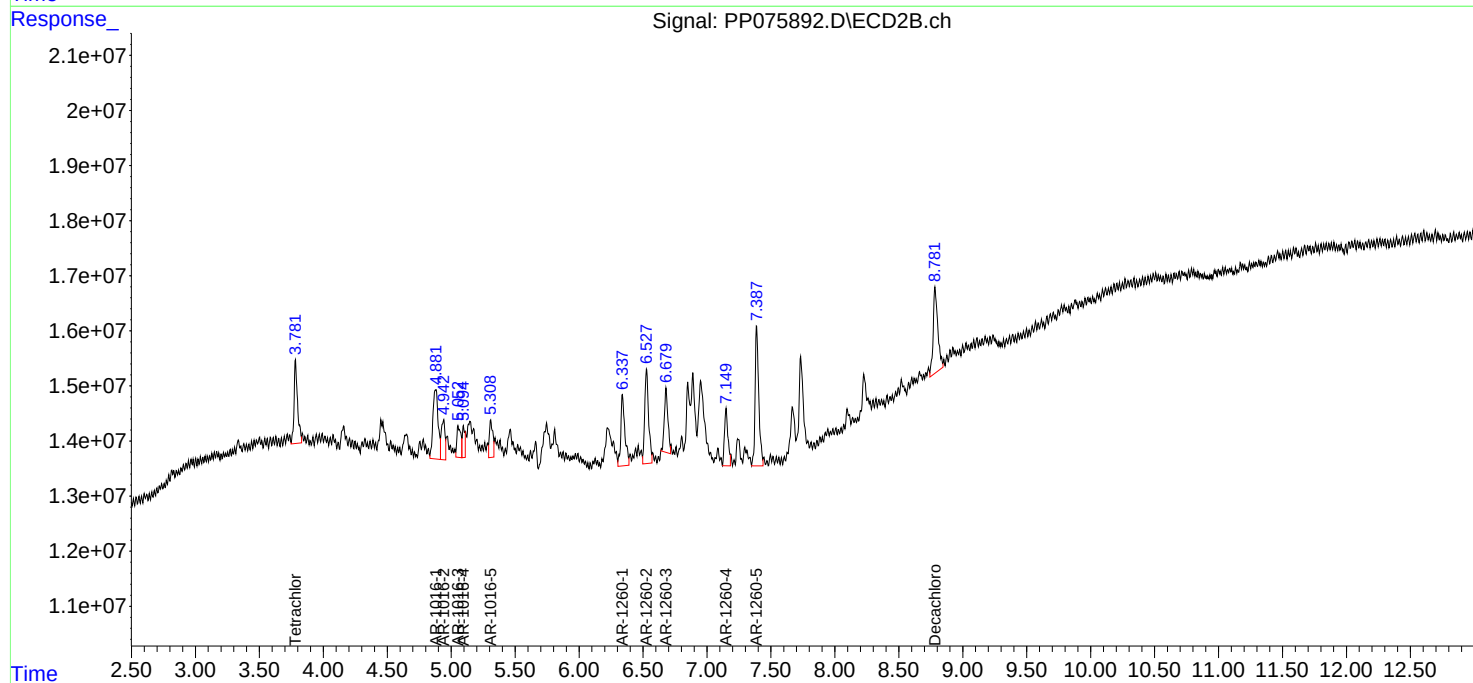
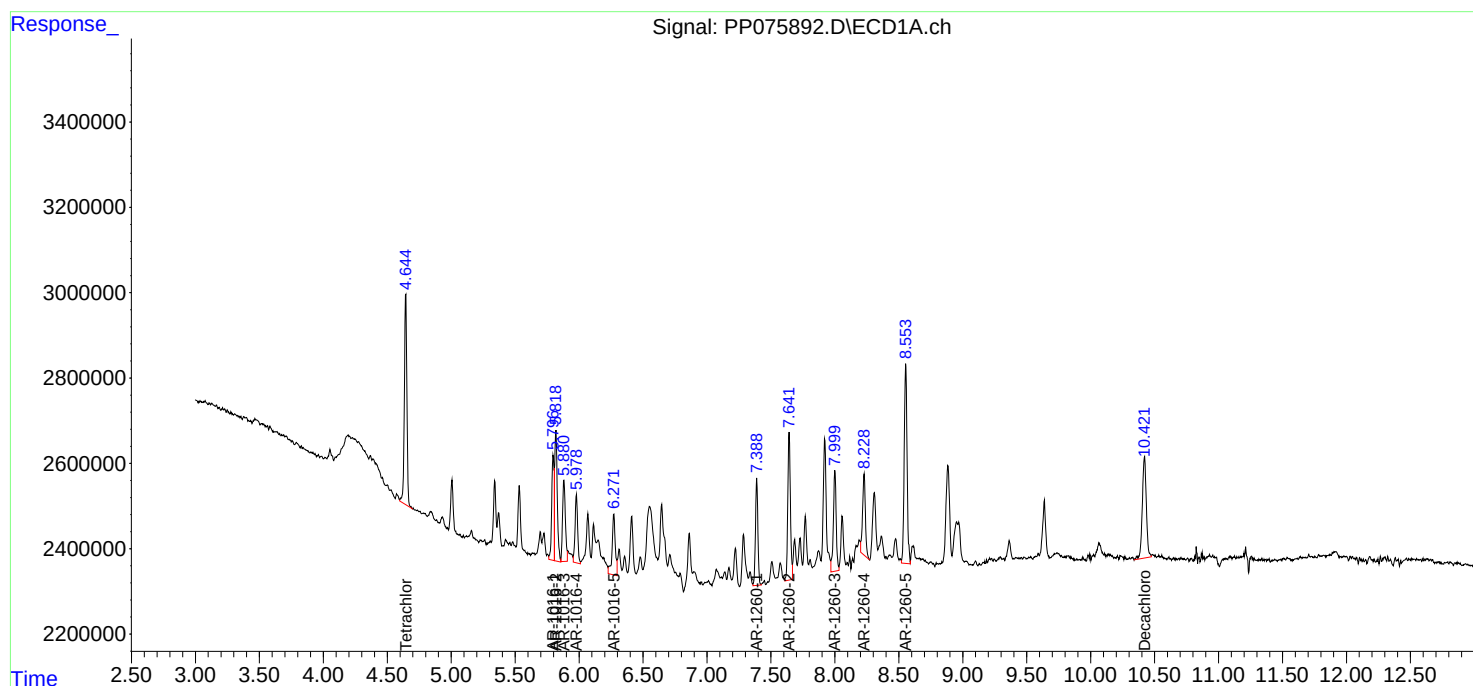
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 17:33:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 17:14:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075893.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 10:27  
 Operator : YP\AJ  
 Sample : AR1221ICC500  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1221ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 16:37:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 16:37:41 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.643  | 3.782 | 75268417 | 347.9E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.419 | 8.781 | 55765598 | 413.6E6  | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 8) L2 AR-1221-1             | 4.843  | 3.993 | 10088314 | 45004530 | 500.000 | 500.000 |
| 9) L2 AR-1221-2             | 4.929  | 4.076 | 7530715  | 31588869 | 500.000 | 500.000 |
| 10) L2 AR-1221-3            | 5.005  | 4.154 | 23457783 | 106.0E6  | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

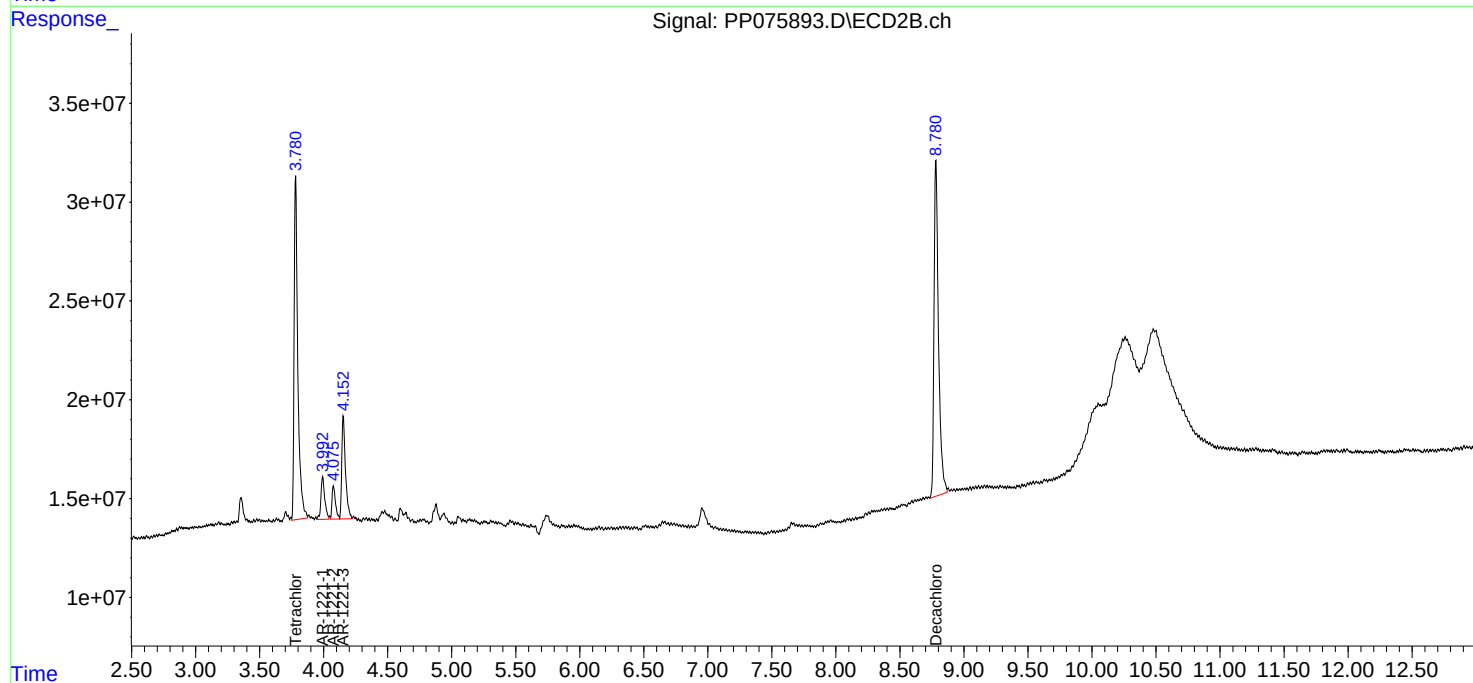
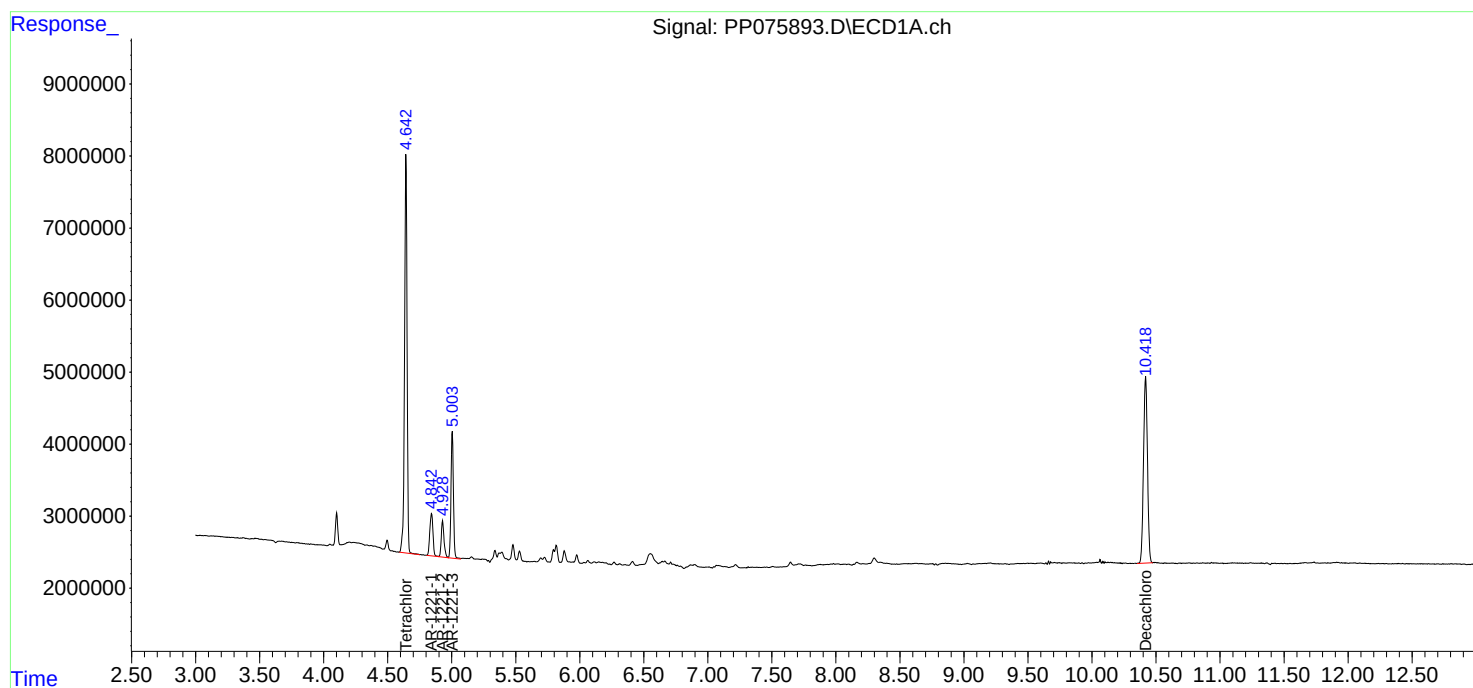
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075893.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 10:27  
Operator : YP\AJ  
Sample : AR1221ICC500  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1221ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 16:37:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 16:37:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075894.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 10:43  
 Operator : YP\AJ  
 Sample : AR1232ICC500  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 16:45:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 16:45:19 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|----------|---------|----------|
| -----                       |        |       |          |          |         |          |
| System Monitoring Compounds |        |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.644  | 3.783 | 76762692 | 367.2E6  | 50.000  | 50.000   |
| 2) SA Decachlor...          | 10.418 | 8.783 | 57573853 | 421.9E6  | 50.000  | 50.000   |
| Target Compounds            |        |       |          |          |         |          |
| 11) L3 AR-1232-1            | 5.006  | 4.154 | 19657396 | 84022049 | 500.000 | 500.000  |
| 12) L3 AR-1232-2            | 5.532  | 4.877 | 10313847 | 148.8E6  | 500.000 | 500.000  |
| 13) L3 AR-1232-3            | 5.818  | 5.056 | 19319843 | 40883369 | 500.000 | 500.000  |
| 14) L3 AR-1232-4            | 5.978  | 5.136 | 10086255 | 42471740 | 500.000 | 480.688m |
| 15) L3 AR-1232-5            | 6.068  | 5.311 | 7831441  | 50325540 | 500.000 | 500.000  |
| -----                       |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075894.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 10:43  
Operator : YP\AJ  
Sample : AR1232ICC500  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

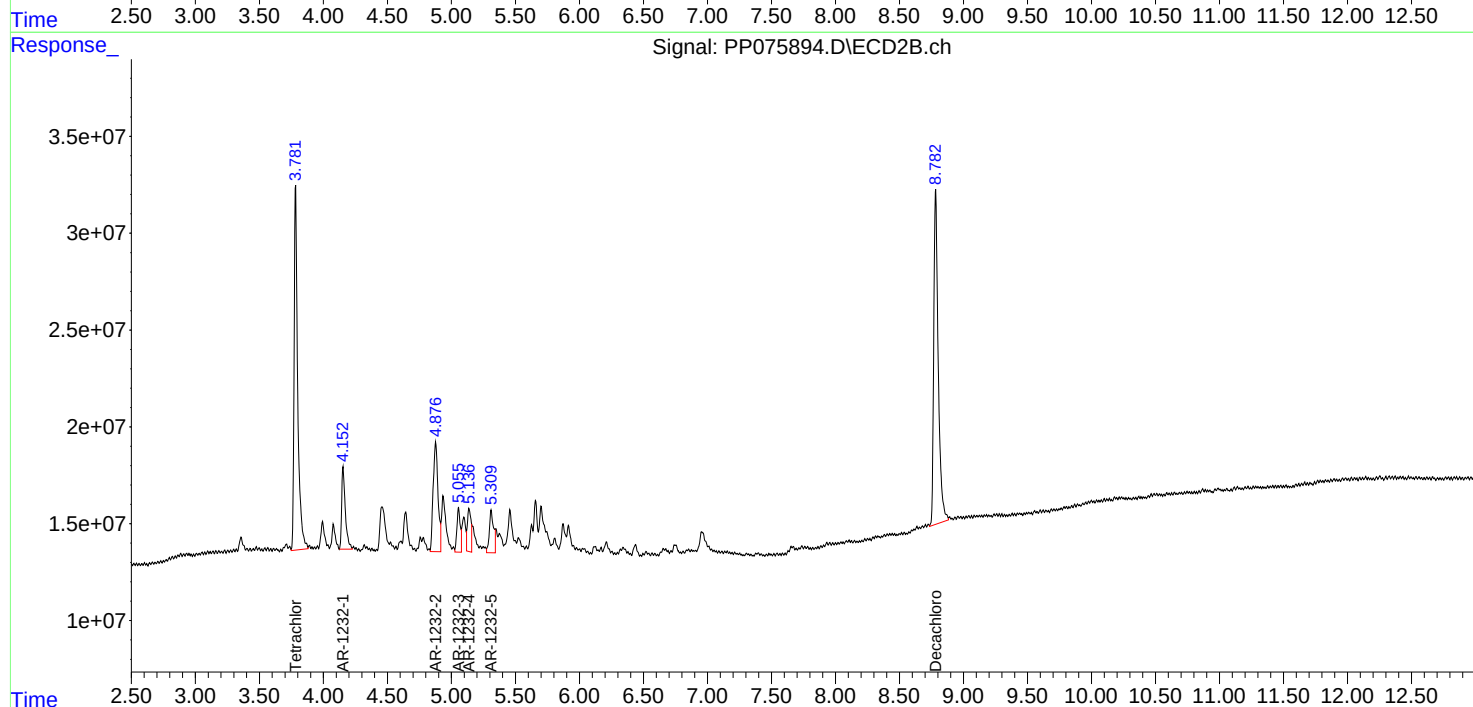
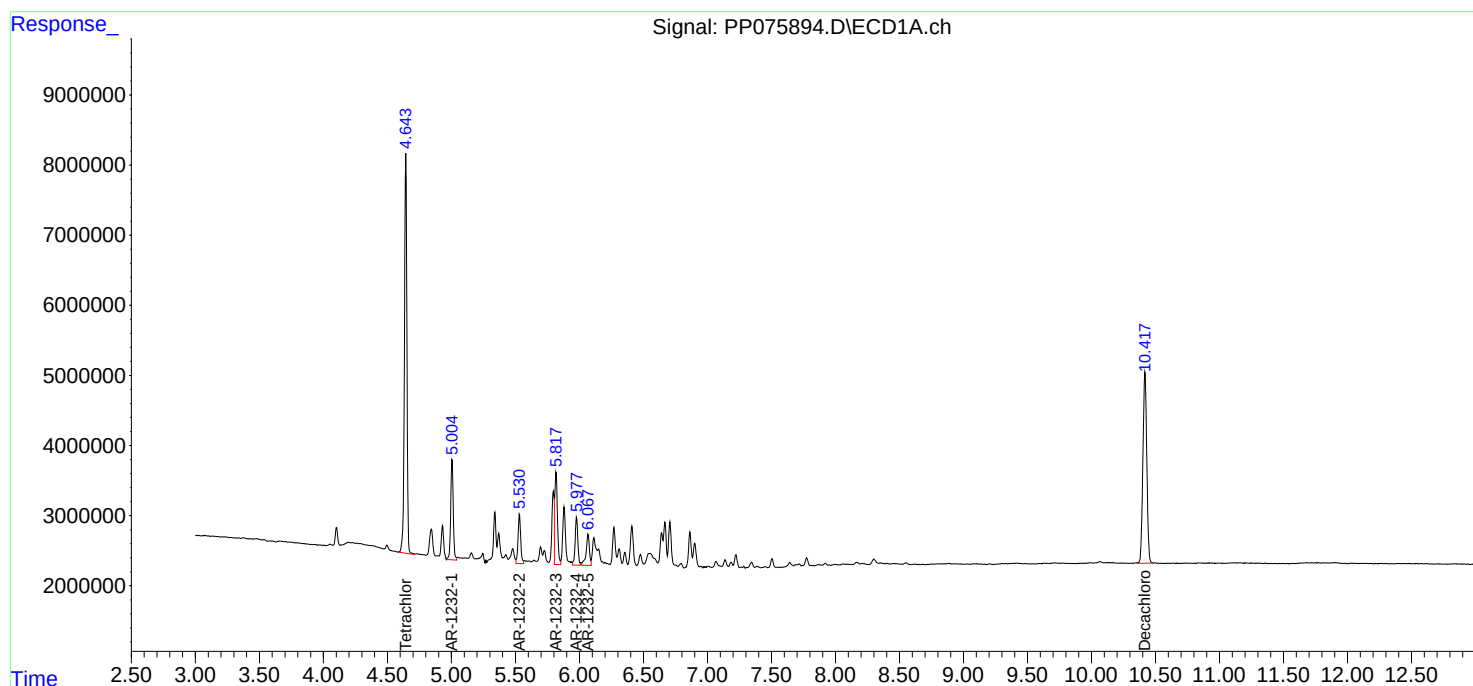
Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 16:45:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 16:45:19 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075895.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 10:59  
 Operator : YP\AJ  
 Sample : AR1242ICC1000  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC1000

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 16:57:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 16:53:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|---------|---------|----------|
| -----                       |                 |        |       |          |         |         |          |
| System Monitoring Compounds |                 |        |       |          |         |         |          |
| 1)                          | SA Tetrachlo... | 4.646  | 3.784 | 146.7E6  | 755.6E6 | 97.370  | 101.273  |
| 2)                          | SA Decachlor... | 10.422 | 8.784 | 113.6E6  | 890.5E6 | 95.988  | 98.950   |
|                             |                 |        |       |          |         |         |          |
| Target Compounds            |                 |        |       |          |         |         |          |
| 16)                         | L4 AR-1242-1    | 5.799  | 4.880 | 44019933 | 571.1E6 | 960.145 | 977.263  |
| 17)                         | L4 AR-1242-2    | 5.820  | 4.938 | 64942800 | 271.6E6 | 955.587 | 968.789  |
| 18)                         | L4 AR-1242-3    | 5.882  | 5.058 | 40140584 | 148.4E6 | 947.491 | 955.722  |
| 19)                         | L4 AR-1242-4    | 5.980  | 5.140 | 33543618 | 195.3E6 | 958.879 | 946.968m |
| 20)                         | L4 AR-1242-5    | 6.710  | 5.660 | 36405140 | 229.6E6 | 929.963 | 969.155  |
| -----                       |                 |        |       |          |         |         |          |

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075895.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 10:59  
Operator : YP\AJ  
Sample : AR1242ICC1000  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

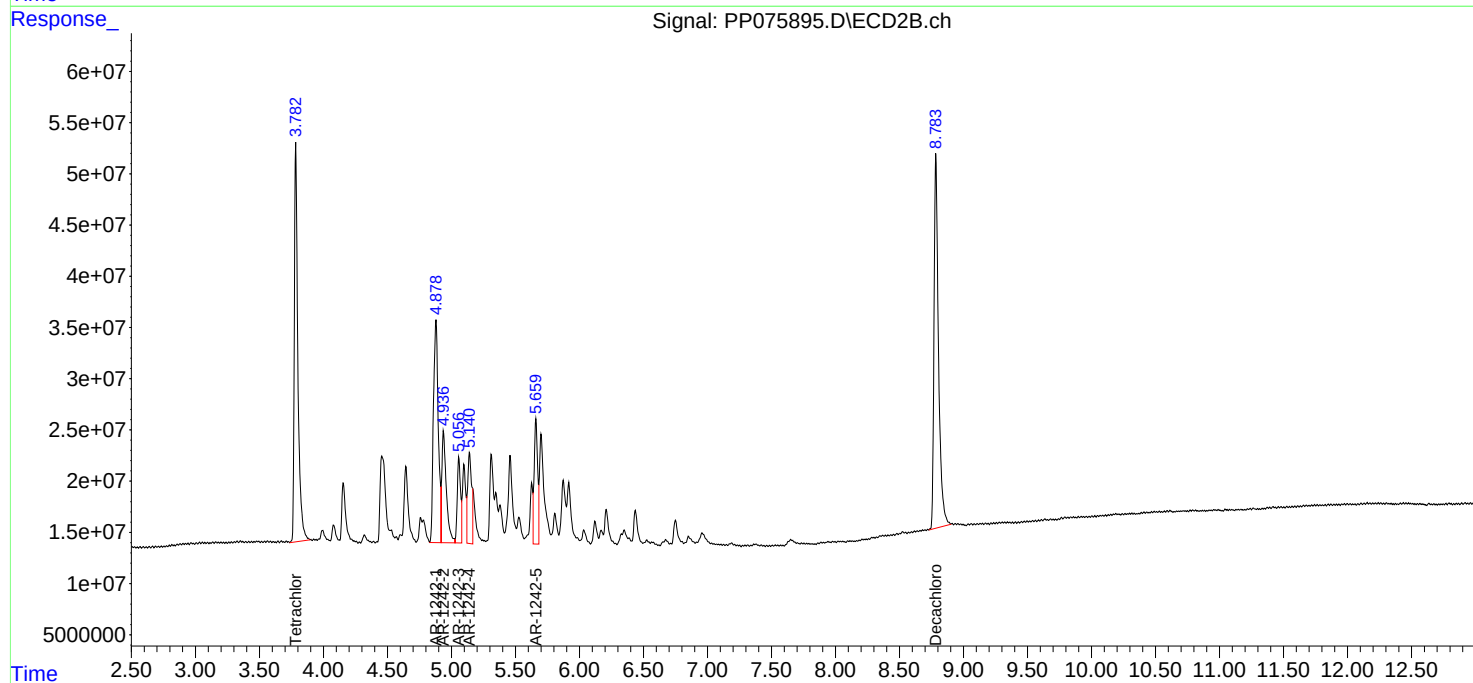
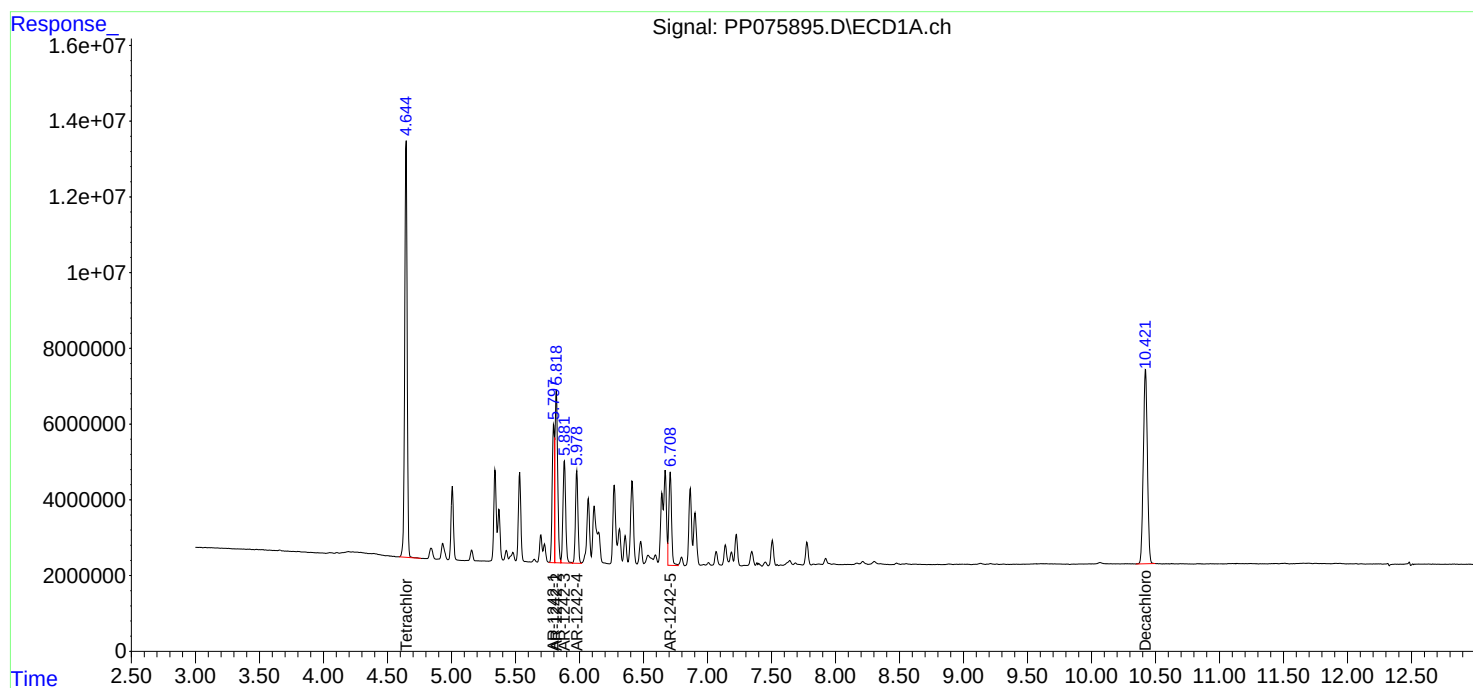
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 16:57:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 16:53:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075896.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 11:16  
 Operator : YP\AJ  
 Sample : AR1242ICC750  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC750

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 17:03:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 16:53:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|---------|---------|----------|
| -----                       |        |       |          |         |         |          |
| System Monitoring Compounds |        |       |          |         |         |          |
| 1) SA Tetrachlo...          | 4.644  | 3.782 | 113.4E6  | 556.3E6 | 75.213  | 74.705   |
| 2) SA Decachlor...          | 10.420 | 8.782 | 90695948 | 674.5E6 | 76.069  | 74.966   |
| Target Compounds            |        |       |          |         |         |          |
| 16) L4 AR-1242-1            | 5.797  | 4.877 | 34736600 | 441.3E6 | 755.090 | 753.335  |
| 17) L4 AR-1242-2            | 5.818  | 4.936 | 50786803 | 202.9E6 | 748.192 | 732.177  |
| 18) L4 AR-1242-3            | 5.881  | 5.056 | 31533573 | 113.0E6 | 746.210 | 735.014  |
| 19) L4 AR-1242-4            | 5.978  | 5.138 | 26371655 | 143.6E6 | 752.570 | 715.813m |
| 20) L4 AR-1242-5            | 6.708  | 5.658 | 28996717 | 177.7E6 | 743.785 | 750.134  |
| -----                       |        |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075896.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 11:16  
Operator : YP\AJ  
Sample : AR1242ICC750  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

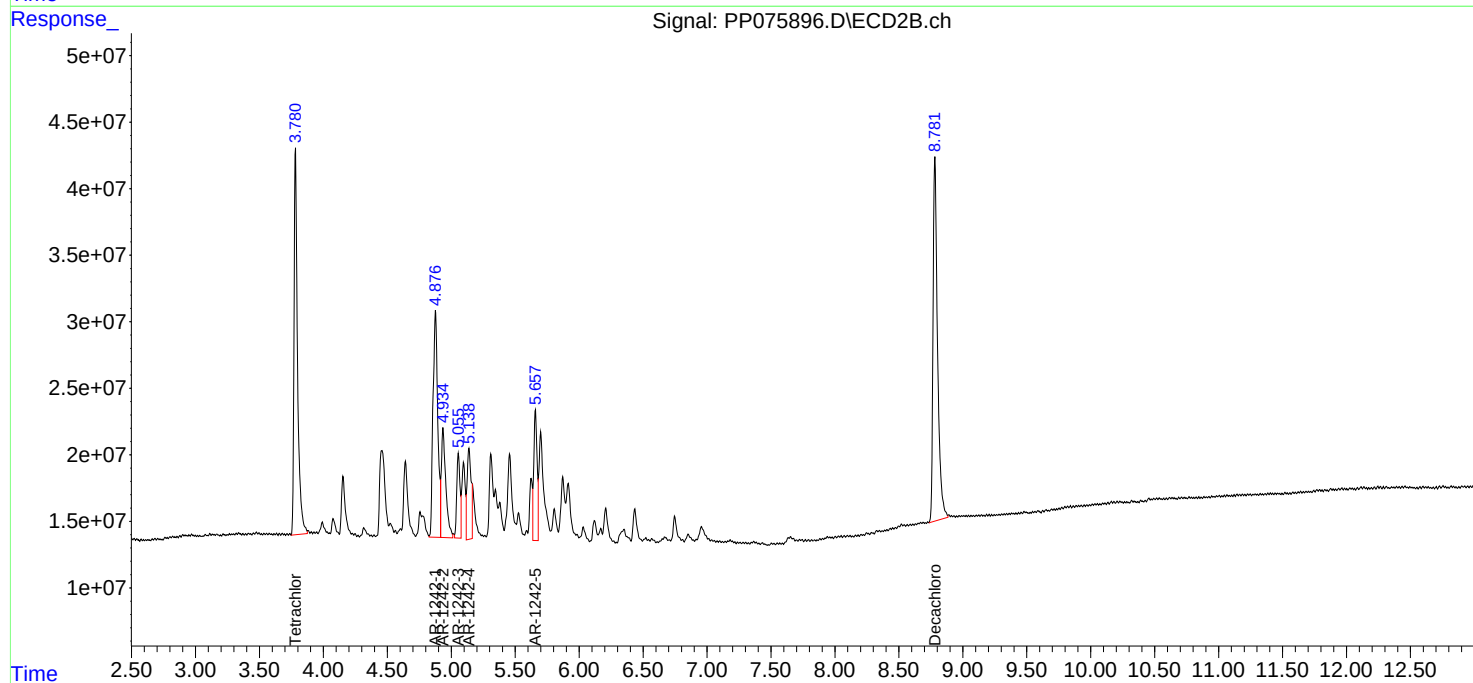
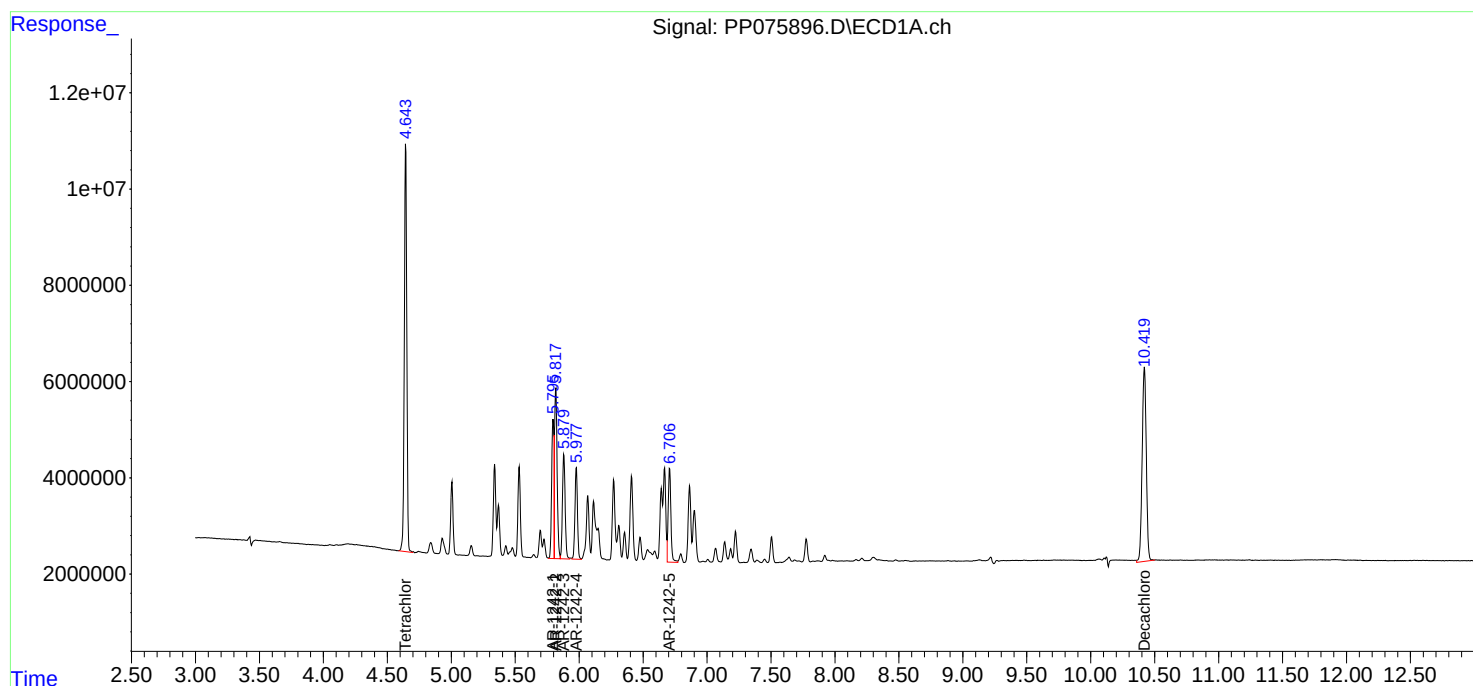
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 17:03:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 16:53:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075897.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 11:48  
 Operator : YP\AJ  
 Sample : AR1242ICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 16:54:12 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 16:53:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|----------|---------|----------|
| -----                       |        |       |          |          |         |          |
| System Monitoring Compounds |        |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.647  | 3.784 | 77291283 | 368.3E6  | 50.000  | 50.000   |
| 2) SA Decachlor...          | 10.422 | 8.785 | 61563948 | 454.7E6  | 50.000  | 50.000   |
| Target Compounds            |        |       |          |          |         |          |
| 16) L4 AR-1242-1            | 5.799  | 4.880 | 23837208 | 298.9E6  | 498.805 | 500.000  |
| 17) L4 AR-1242-2            | 5.821  | 4.938 | 35489778 | 144.6E6  | 500.000 | 500.000  |
| 18) L4 AR-1242-3            | 5.884  | 5.059 | 22294823 | 81084867 | 500.000 | 500.000  |
| 19) L4 AR-1242-4            | 5.981  | 5.141 | 18210300 | 105.4E6  | 500.000 | 515.181m |
| 20) L4 AR-1242-5            | 6.710  | 5.660 | 20944311 | 122.1E6  | 500.000 | 500.000  |
| -----                       |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075897.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 11:48  
Operator : YP\AJ  
Sample : AR1242ICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

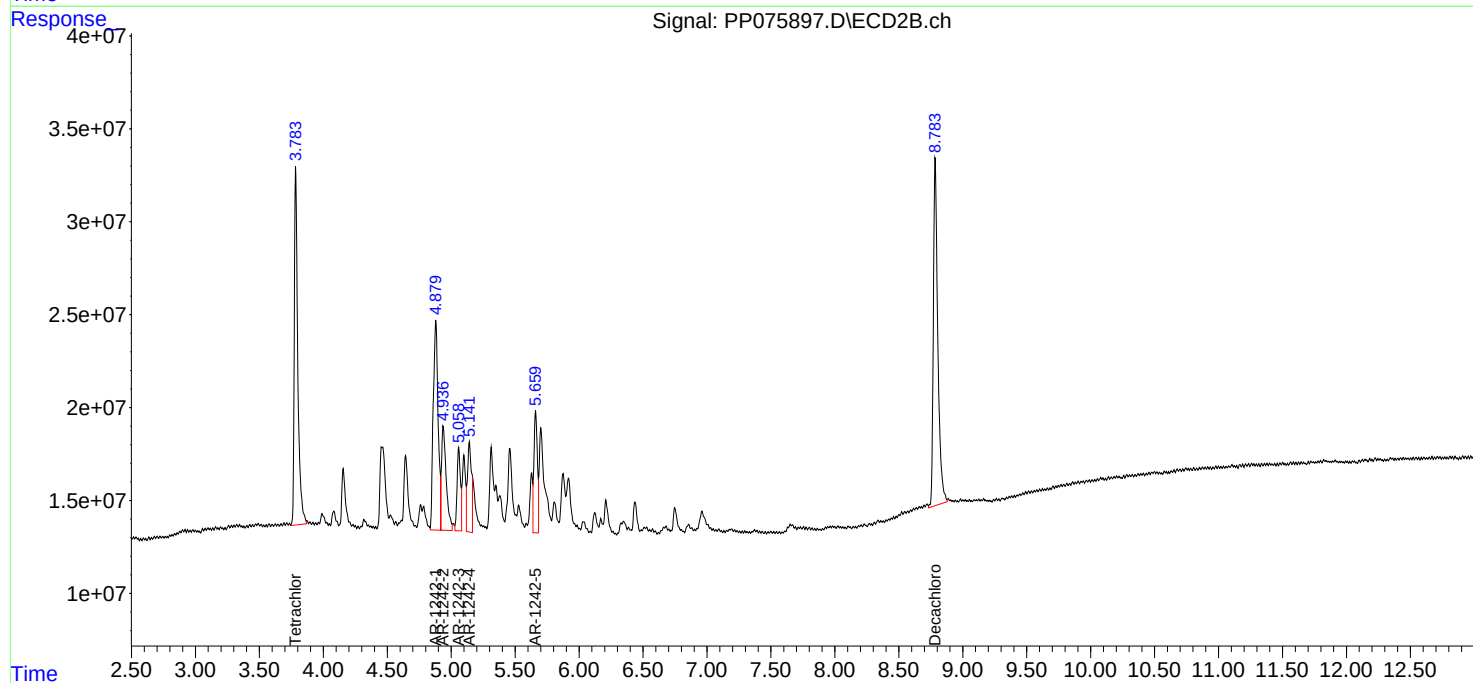
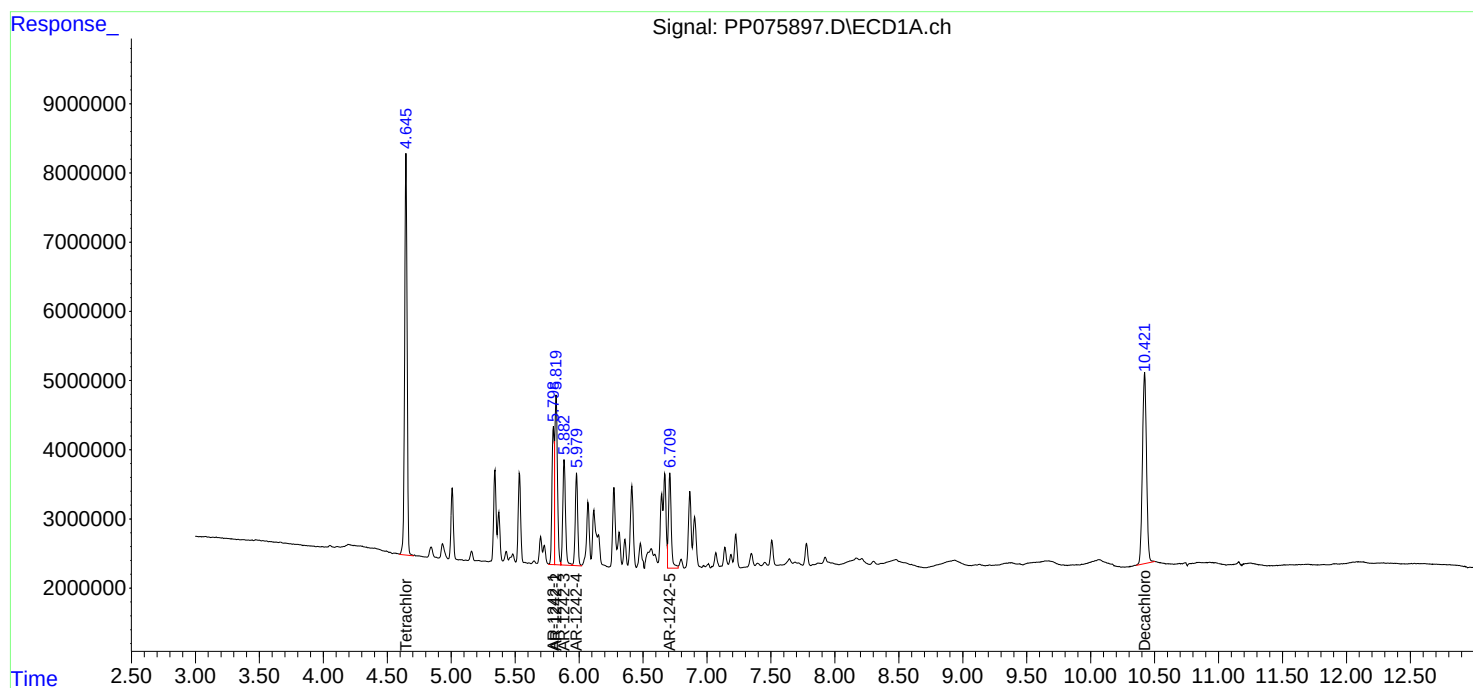
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC500

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 16:54:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 16:53:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075898.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 12:04  
 Operator : YP\AJ  
 Sample : AR1242ICC250  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC250

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 17:06:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 16:53:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|--------|-------|----------|----------|----------|----------|
| -----                       |        |       |          |          |          |          |
| System Monitoring Compounds |        |       |          |          |          |          |
| 1) SA Tetrachlo...          | 4.645  | 3.783 | 39880193 | 180.0E6  | 26.064   | 24.377   |
| 2) SA Decachlor...          | 10.420 | 8.782 | 32230064 | 227.8E6  | 26.494   | 25.240   |
| Target Compounds            |        |       |          |          |          |          |
| 16) L4 AR-1242-1            | 5.797  | 4.880 | 12563771 | 142.4E6  | 266.938  | 244.850  |
| 17) L4 AR-1242-2            | 5.819  | 4.936 | 18441812 | 72837046 | 265.919  | 259.532  |
| 18) L4 AR-1242-3            | 5.881  | 5.057 | 11783758 | 39428697 | 271.031  | 254.795  |
| 19) L4 AR-1242-4            | 5.979  | 5.139 | 9241965  | 47817696 | 260.164  | 239.194m |
| 20) L4 AR-1242-5            | 6.707  | 5.659 | 9824013  | 58740602 | 248.605m | 248.450  |
| -----                       |        |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075898.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 12:04  
Operator : YP\AJ  
Sample : AR1242ICC250  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

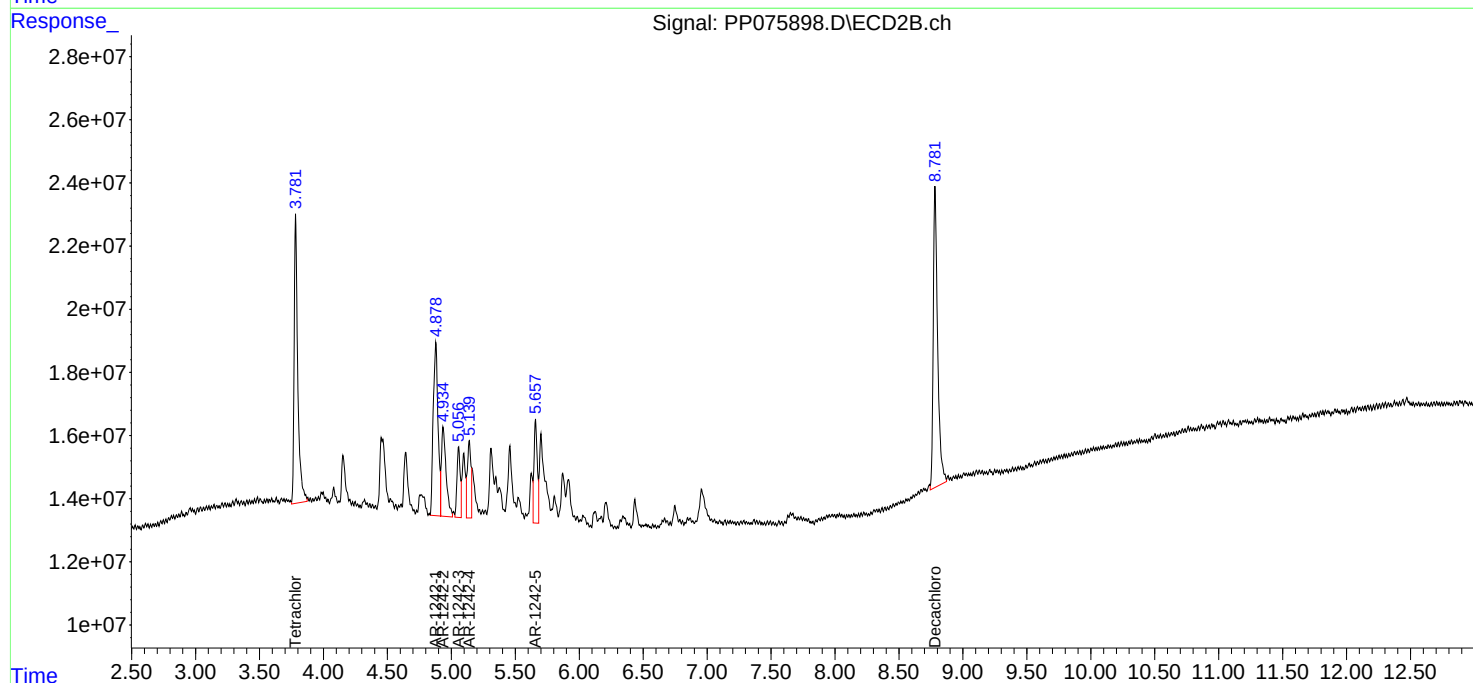
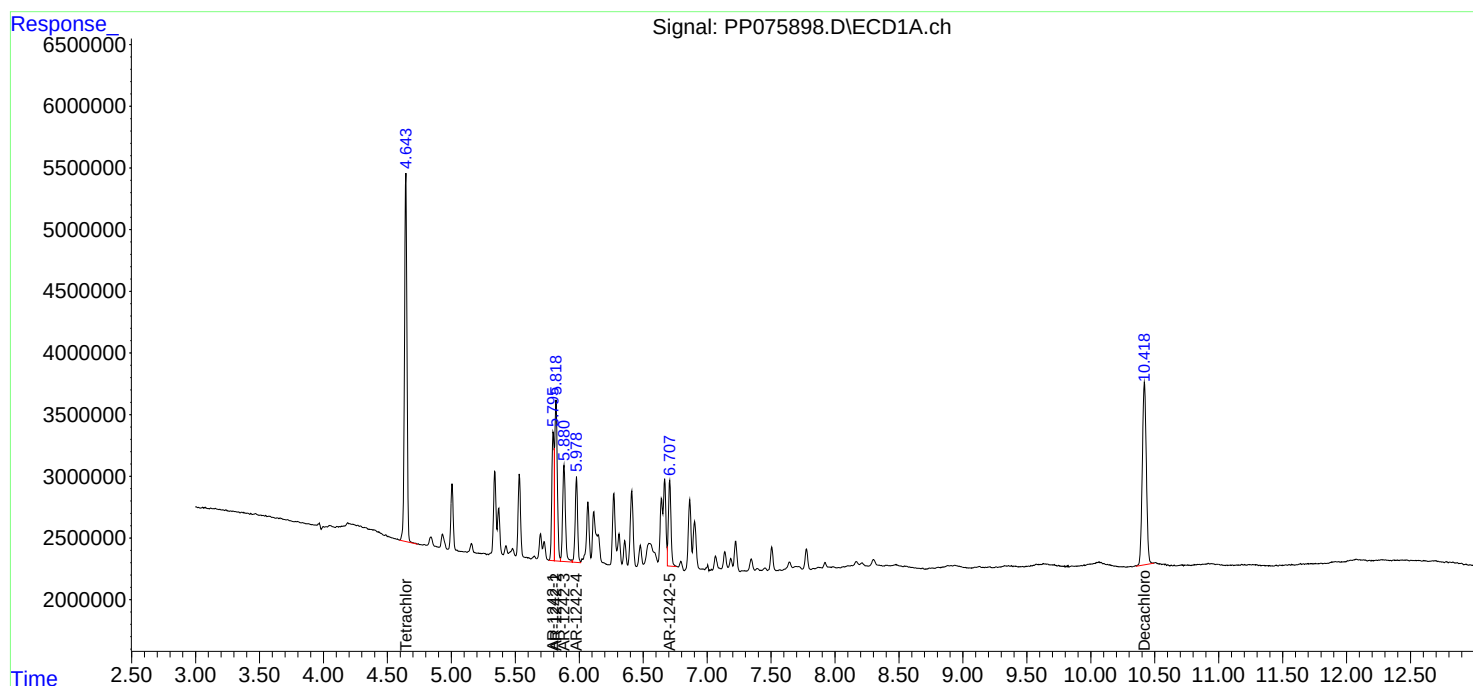
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 17:06:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 16:53:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075899.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 12:21  
 Operator : YP\AJ  
 Sample : AR1242ICC050  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 17:10:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 16:53:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|---------|----------|---------|----------|
| -----                       |                 |        |       |         |          |         |          |
| System Monitoring Compounds |                 |        |       |         |          |         |          |
| 1)                          | SA Tetrachlo... | 4.646  | 3.783 | 7865219 | 30617105 | 5.112   | 4.301m   |
| 2)                          | SA Decachlor... | 10.422 | 8.783 | 6789035 | 46546691 | 5.454   | 5.125    |
| Target Compounds            |                 |        |       |         |          |         |          |
| 16)                         | L4 AR-1242-1    | 5.798  | 4.882 | 2563442 | 27339514 | 53.509  | 47.567   |
| 17)                         | L4 AR-1242-2    | 5.820  | 4.939 | 3827668 | 13248287 | 54.069  | 47.740   |
| 18)                         | L4 AR-1242-3    | 5.883  | 5.054 | 2714945 | 8403556  | 59.484  | 53.386   |
| 19)                         | L4 AR-1242-4    | 5.979  | 5.138 | 1985121 | 6837014  | 54.597  | 36.934 # |
| 20)                         | L4 AR-1242-5    | 6.708  | 5.660 | 2423381 | 10273735 | 59.725m | 44.622 # |
| -----                       |                 |        |       |         |          |         |          |

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075899.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 12:21  
Operator : YP\AJ  
Sample : AR1242ICC050  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

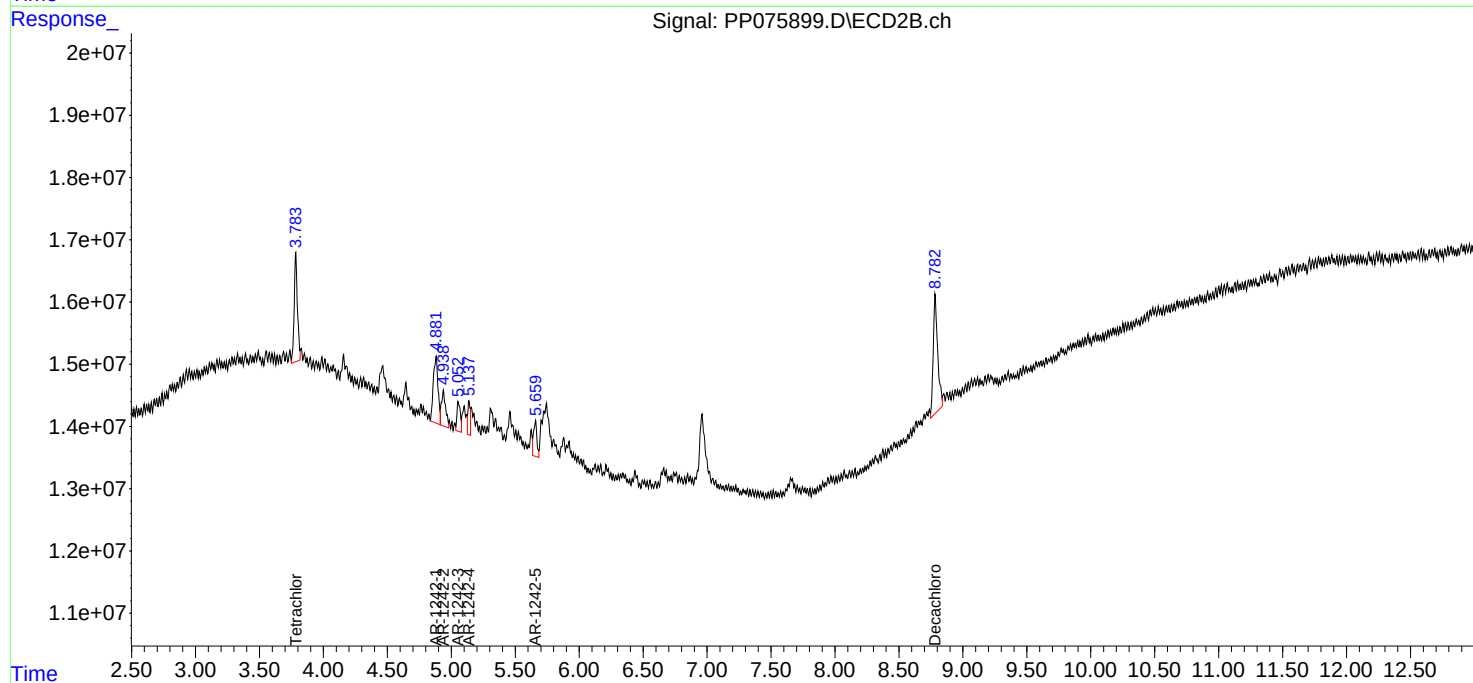
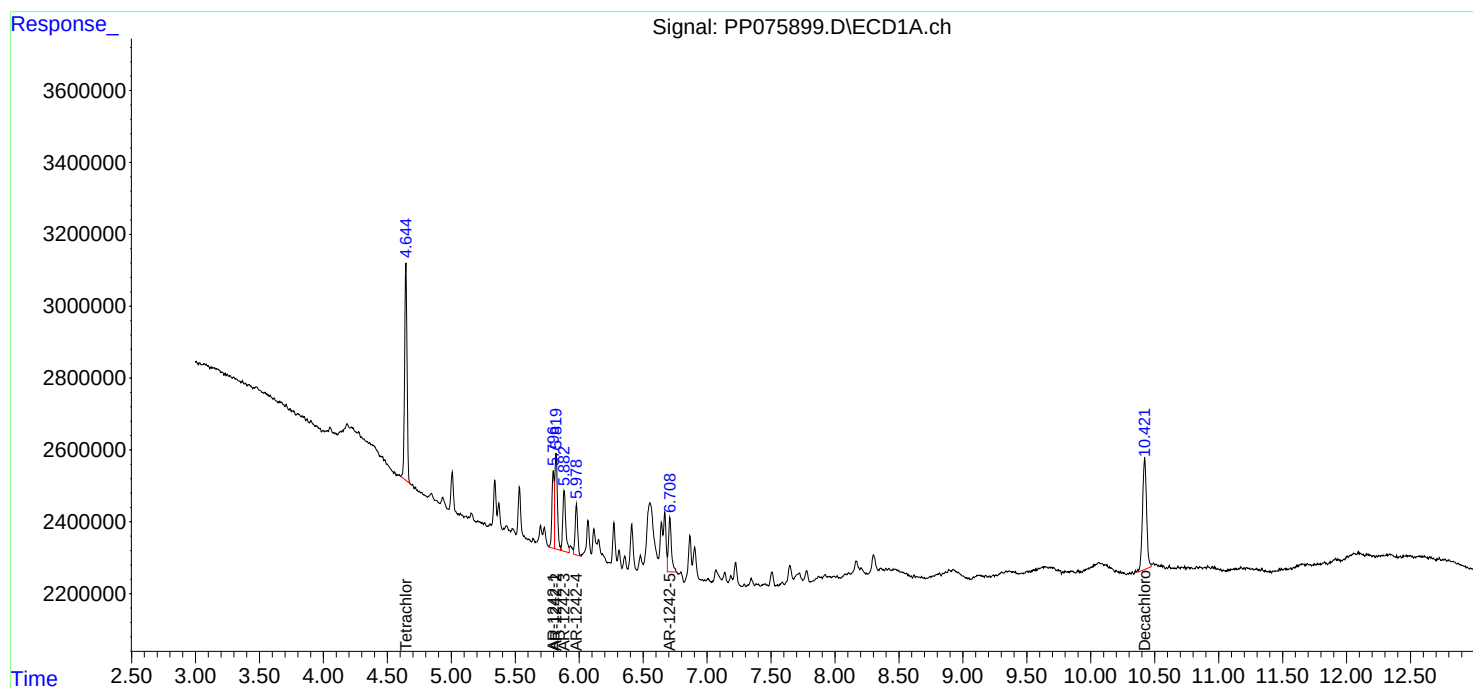
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 17:10:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 16:53:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075900.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 12:41  
 Operator : YP\AJ  
 Sample : AR1248ICC1000  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC1000

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 14:17:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 14:13:23 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|---------|---------|----------|
| -----                       |        |       |          |         |         |          |
| System Monitoring Compounds |        |       |          |         |         |          |
| 1) SA Tetrachlo...          | 4.647  | 3.780 | 146.9E6  | 734.4E6 | 97.039  | 99.403   |
| 2) SA Decachlor...          | 10.426 | 8.783 | 114.1E6  | 899.5E6 | 95.681  | 98.496   |
| Target Compounds            |        |       |          |         |         |          |
| 21) L5 AR-1248-1            | 5.799  | 4.876 | 33471805 | 362.9E6 | 950.427 | 965.133  |
| 22) L5 AR-1248-2            | 6.071  | 5.095 | 44816839 | 226.9E6 | 951.326 | 964.032  |
| 23) L5 AR-1248-3            | 6.274  | 5.136 | 49477903 | 258.9E6 | 894.849 | 947.454m |
| 24) L5 AR-1248-4            | 6.672  | 5.309 | 60435029 | 264.9E6 | 944.739 | 969.626  |
| 25) L5 AR-1248-5            | 6.711  | 5.698 | 58134534 | 532.0E6 | 941.586 | 994.127  |
| -----                       |        |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075900.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 12:41  
Operator : YP\AJ  
Sample : AR1248ICC1000  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

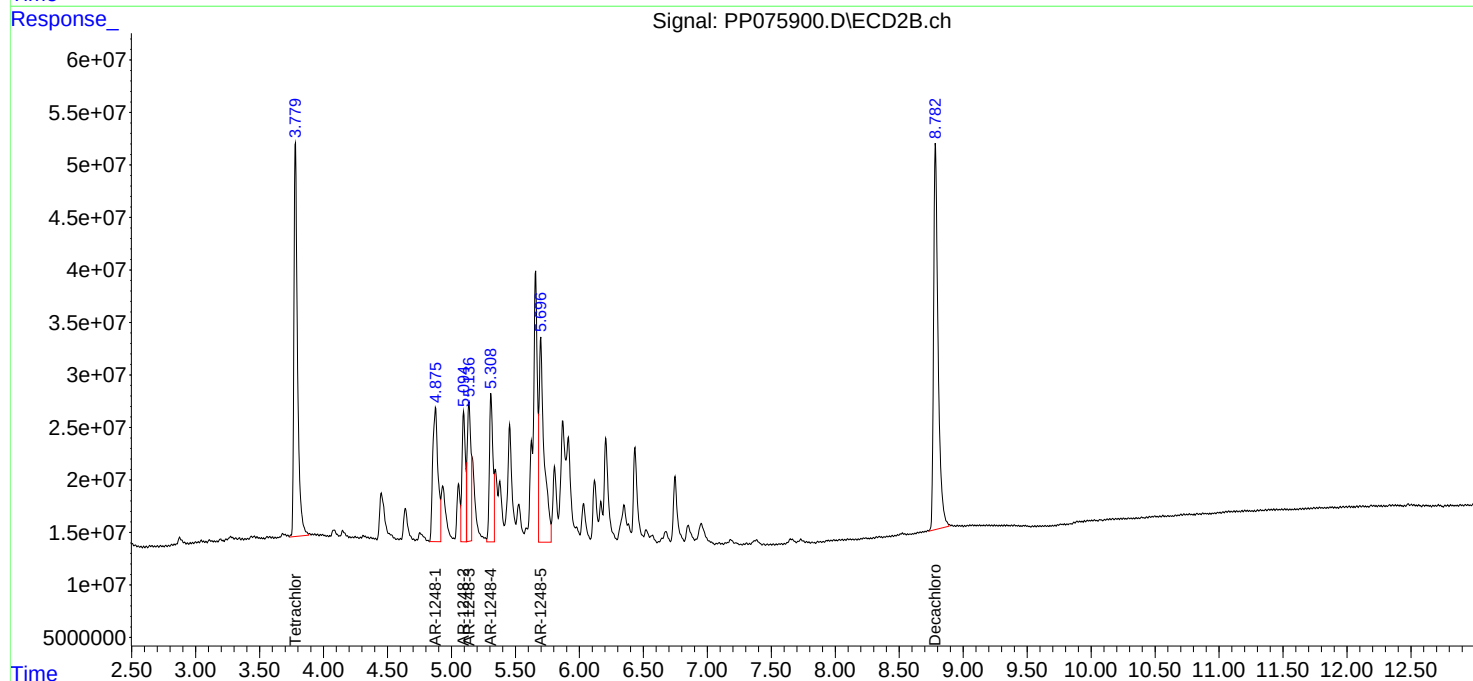
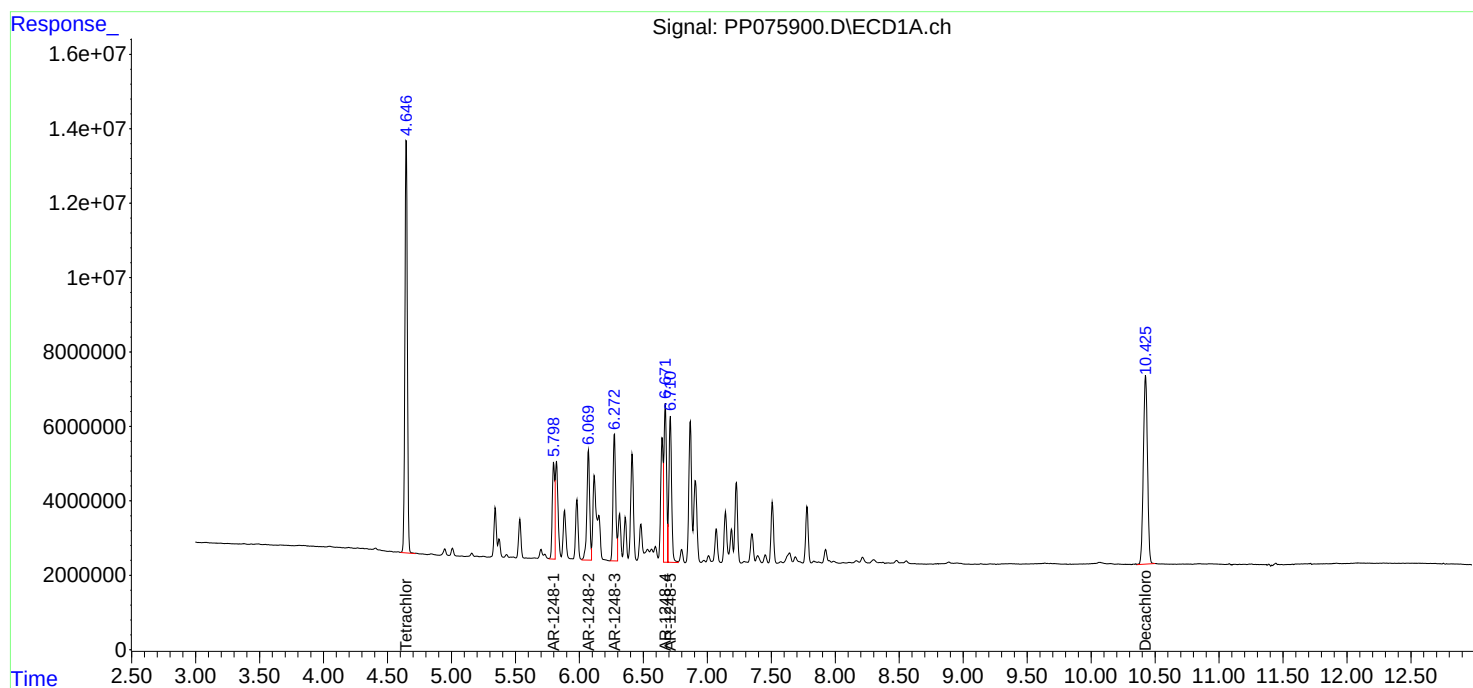
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 14:17:09 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 14:13:23 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075901.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 12:57  
 Operator : YP\AJ  
 Sample : AR1248ICC750  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC750

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 14:20:31 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 14:13:23 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|---------|---------|----------|
| -----                       |        |       |          |         |         |          |
| System Monitoring Compounds |        |       |          |         |         |          |
| 1) SA Tetrachlo...          | 4.644  | 3.784 | 114.7E6  | 562.2E6 | 75.534  | 75.729   |
| 2) SA Decachlor...          | 10.422 | 8.784 | 89301082 | 688.2E6 | 74.939  | 75.236   |
| Target Compounds            |        |       |          |         |         |          |
| 21) L5 AR-1248-1            | 5.797  | 4.879 | 26839141 | 281.7E6 | 758.019 | 749.338  |
| 22) L5 AR-1248-2            | 6.068  | 5.099 | 35688032 | 181.4E6 | 755.016 | 763.662  |
| 23) L5 AR-1248-3            | 6.271  | 5.139 | 39334925 | 200.6E6 | 723.821 | 728.506m |
| 24) L5 AR-1248-4            | 6.670  | 5.311 | 48125398 | 216.4E6 | 751.539 | 777.551  |
| 25) L5 AR-1248-5            | 6.709  | 5.701 | 46284863 | 398.2E6 | 749.774 | 746.121  |
| -----                       |        |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075901.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 12:57  
Operator : YP\AJ  
Sample : AR1248ICC750  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

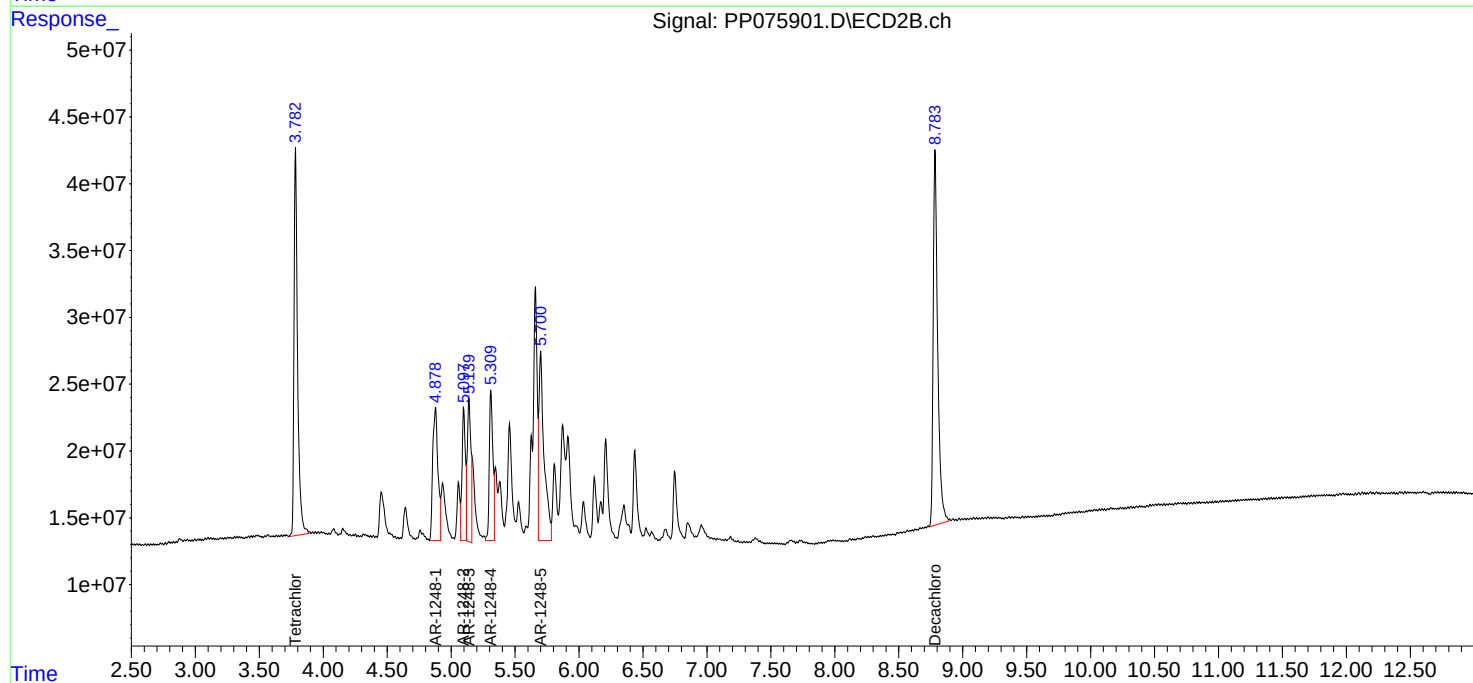
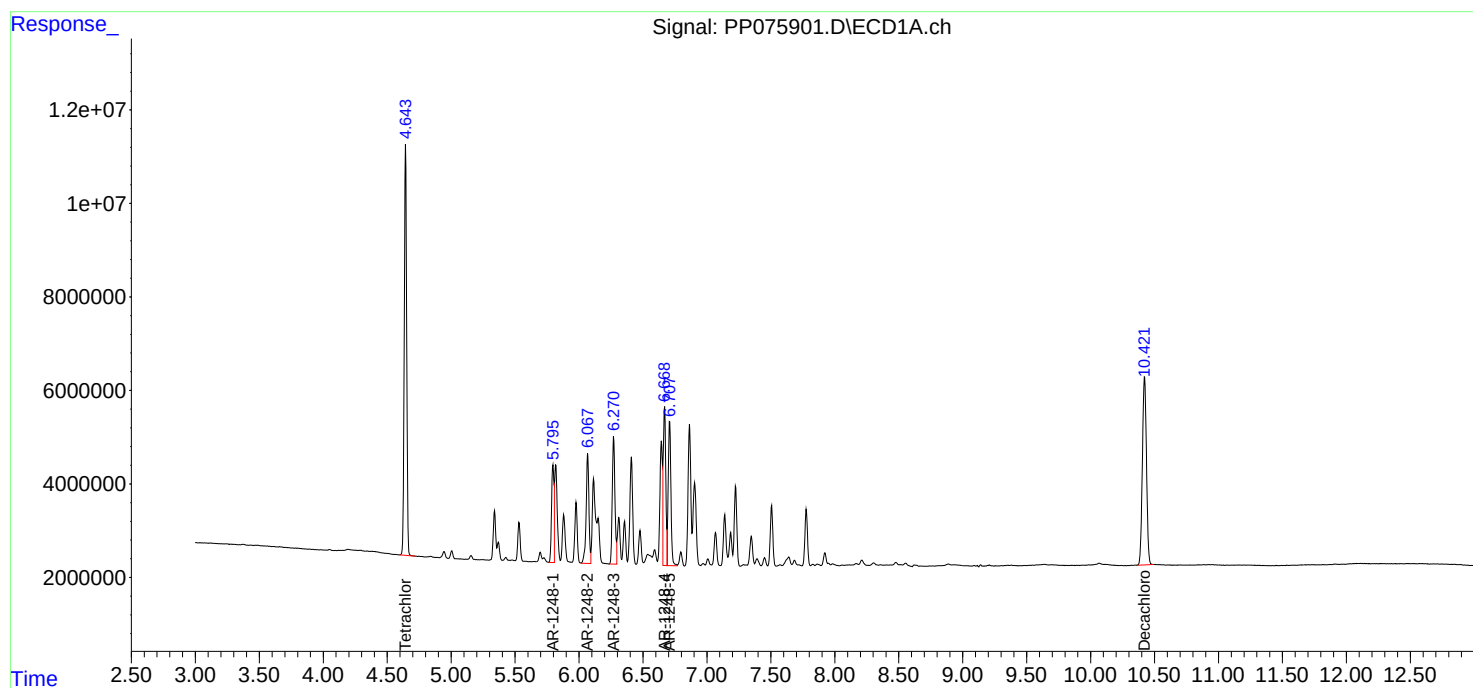
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 14:20:31 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 14:13:23 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075902.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 13:13  
 Operator : YP\AJ  
 Sample : AR1248ICC500  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 14:13:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 14:13:23 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|---------|---------|----------|
| -----                       |                 |        |       |          |         |         |          |
| System Monitoring Compounds |                 |        |       |          |         |         |          |
| 1)                          | SA Tetrachlo... | 4.645  | 3.784 | 77916247 | 371.6E6 | 50.000  | 50.000   |
| 2)                          | SA Decachlor... | 10.424 | 8.784 | 62181174 | 463.5E6 | 50.000  | 50.000   |
| Target Compounds            |                 |        |       |          |         |         |          |
| 21)                         | L5 AR-1248-1    | 5.798  | 4.877 | 18481760 | 194.6E6 | 500.000 | 500.000  |
| 22)                         | L5 AR-1248-2    | 6.069  | 5.098 | 24701455 | 121.9E6 | 500.000 | 500.000  |
| 23)                         | L5 AR-1248-3    | 6.273  | 5.138 | 30552968 | 143.0E6 | 500.000 | 491.112m |
| 24)                         | L5 AR-1248-4    | 6.671  | 5.312 | 33752591 | 140.8E6 | 500.000 | 500.000  |
| 25)                         | L5 AR-1248-5    | 6.710  | 5.701 | 32673818 | 269.1E6 | 500.000 | 500.000  |
| -----                       |                 |        |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075902.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 13:13  
Operator : YP\AJ  
Sample : AR1248ICC500  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

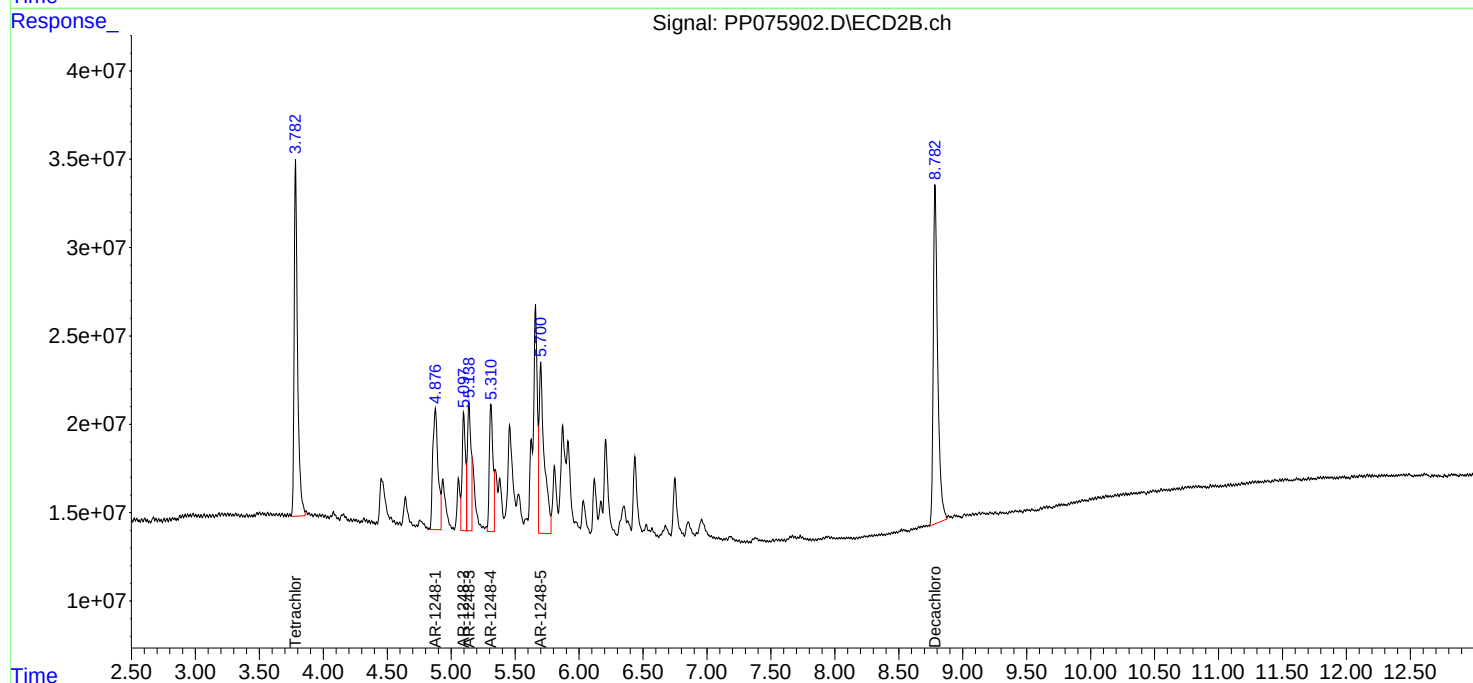
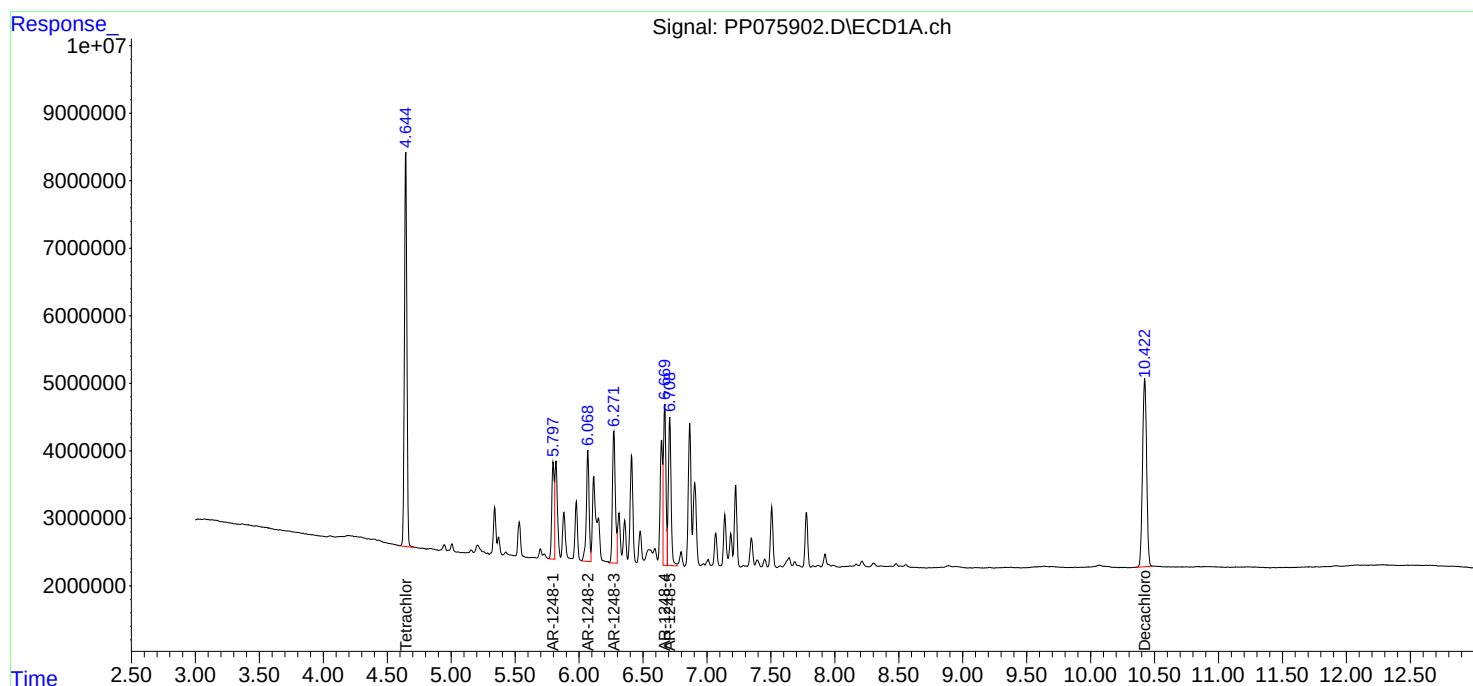
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 14:13:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 14:13:23 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075903.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 13:30  
 Operator : YP\AJ  
 Sample : AR1248ICC250  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC250

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 14:24:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 14:13:23 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|----------|---------|----------|
| -----                       |        |       |          |          |         |          |
| System Monitoring Compounds |        |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.646  | 3.783 | 40662408 | 178.1E6  | 26.305  | 24.238   |
| 2) SA Decachlor...          | 10.423 | 8.784 | 32672168 | 226.3E6  | 26.770  | 24.802   |
|                             |        |       |          |          |         |          |
| Target Compounds            |        |       |          |          |         |          |
| 21) L5 AR-1248-1            | 5.799  | 4.878 | 9780476  | 97652835 | 269.170 | 257.276  |
| 22) L5 AR-1248-2            | 6.070  | 5.099 | 13110467 | 64450290 | 269.977 | 265.662  |
| 23) L5 AR-1248-3            | 6.273  | 5.138 | 14333820 | 75193193 | 260.182 | 273.023m |
| 24) L5 AR-1248-4            | 6.671  | 5.312 | 18043522 | 71202640 | 273.096 | 254.322  |
| 25) L5 AR-1248-5            | 6.710  | 5.701 | 17824378 | 145.0E6  | 277.971 | 265.917  |
| -----                       |        |       |          |          |         |          |

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075903.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 13:30  
Operator : YP\AJ  
Sample : AR1248ICC250  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

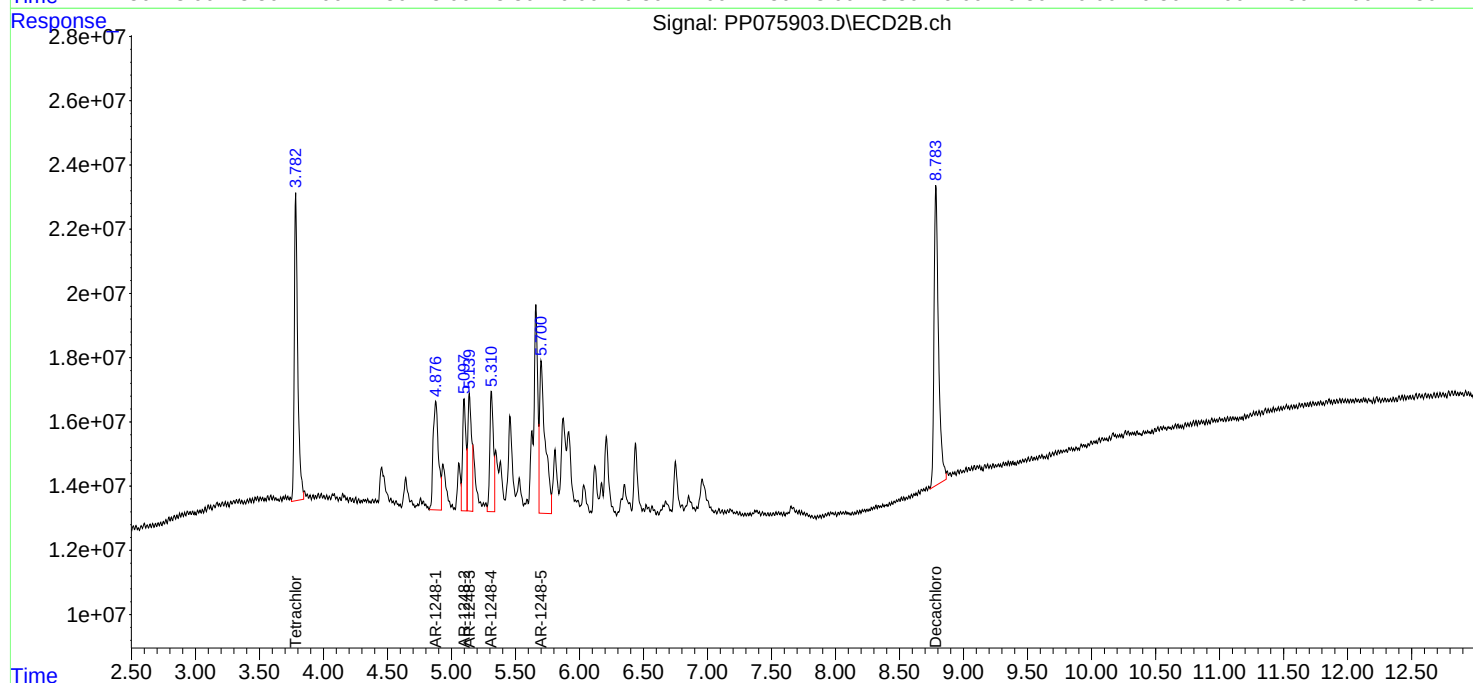
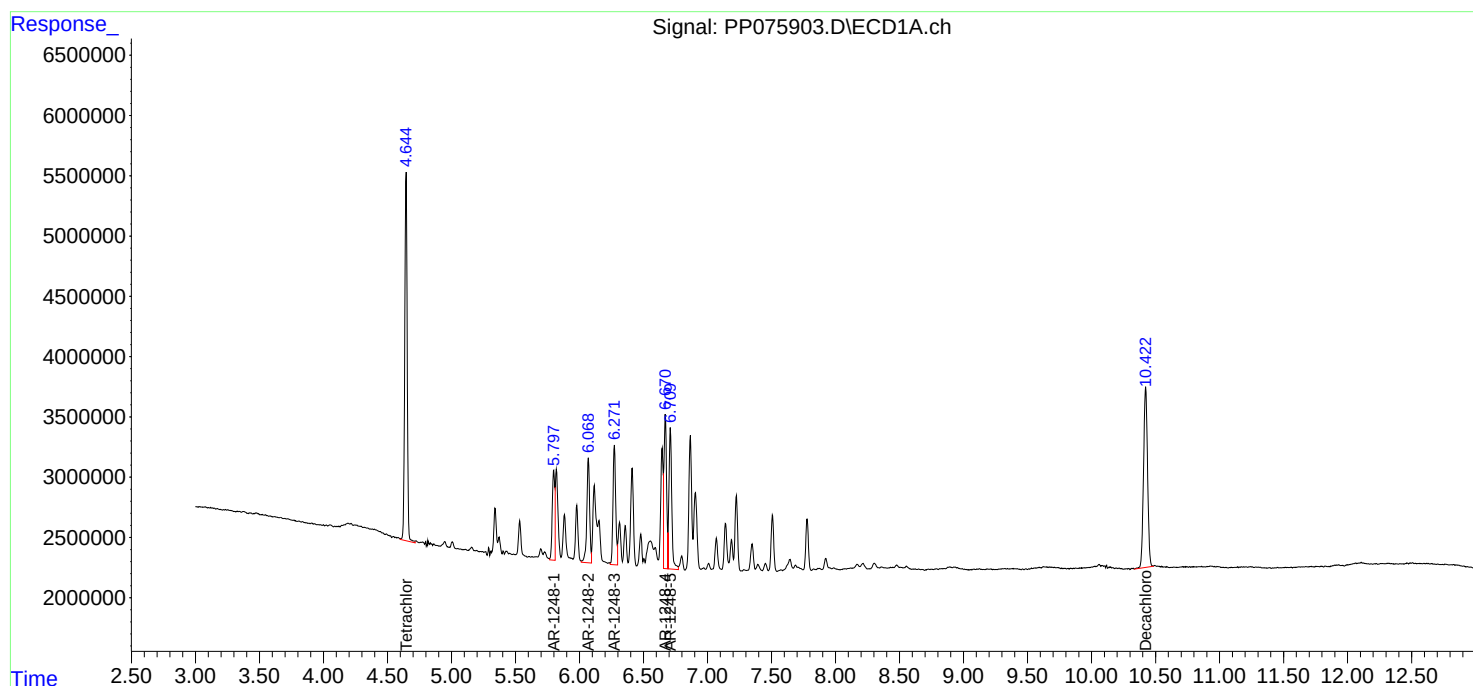
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 14:24:34 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 14:13:23 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075904.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 13:46  
 Operator : YP\AJ  
 Sample : AR1248ICC050  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 14:29:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 14:13:23 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|---------|----------|---------|---------|
| -----                       |        |       |         |          |         |         |
| System Monitoring Compounds |        |       |         |          |         |         |
| 1) SA Tetrachlo...          | 4.645  | 3.780 | 7254273 | 27080772 | 4.751   | 3.914m  |
| 2) SA Decachlor...          | 10.422 | 8.783 | 6253432 | 36720401 | 5.099   | 4.188   |
| Target Compounds            |        |       |         |          |         |         |
| 21) L5 AR-1248-1            | 5.798  | 4.873 | 1700512 | 17991268 | 47.407  | 47.898  |
| 22) L5 AR-1248-2            | 6.069  | 5.101 | 2473817 | 12956514 | 50.751  | 52.688  |
| 23) L5 AR-1248-3            | 6.273  | 5.138 | 2547901 | 16065921 | 46.953  | 56.000  |
| 24) L5 AR-1248-4            | 6.669  | 5.313 | 3376964 | 14683789 | 49.218m | 51.704m |
| 25) L5 AR-1248-5            | 6.708  | 5.730 | 3390515 | 20852592 | 50.206m | 38.783m |
| -----                       |        |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075904.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 13:46  
Operator : YP\AJ  
Sample : AR1248ICC050  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

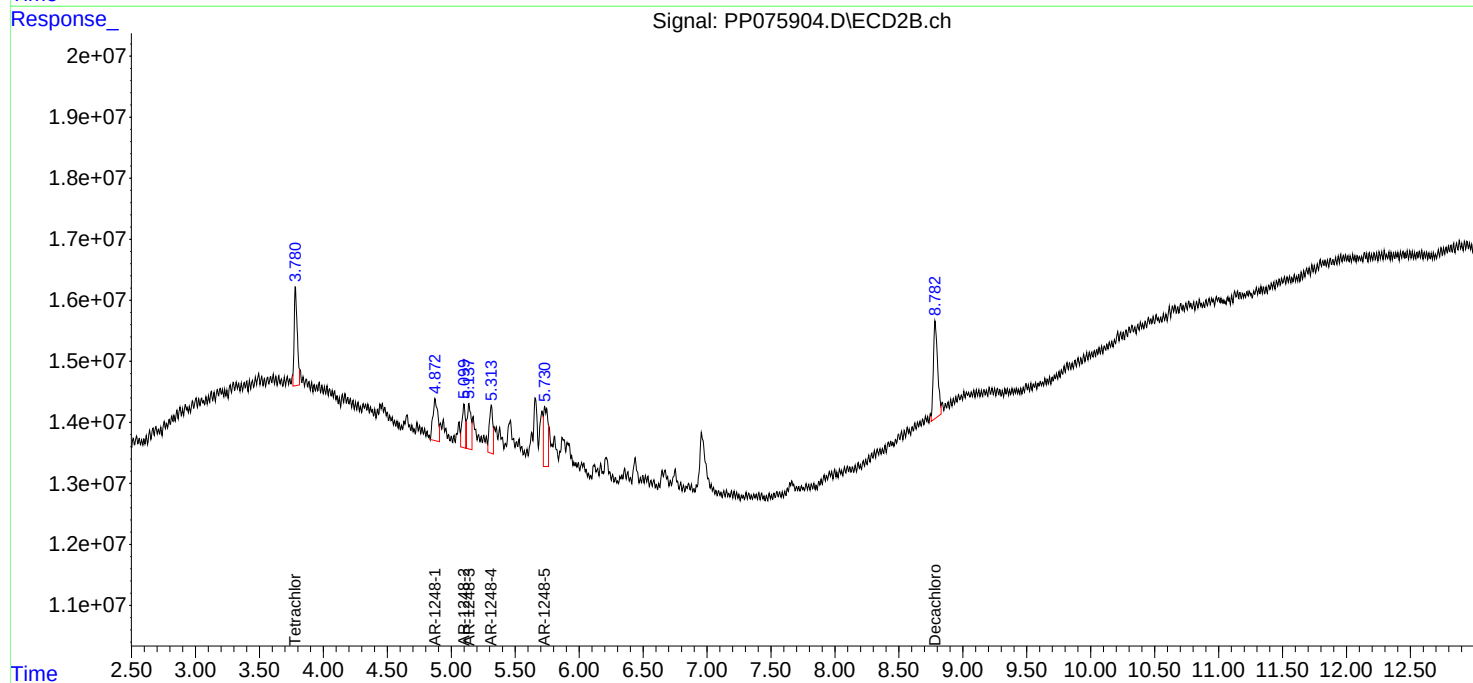
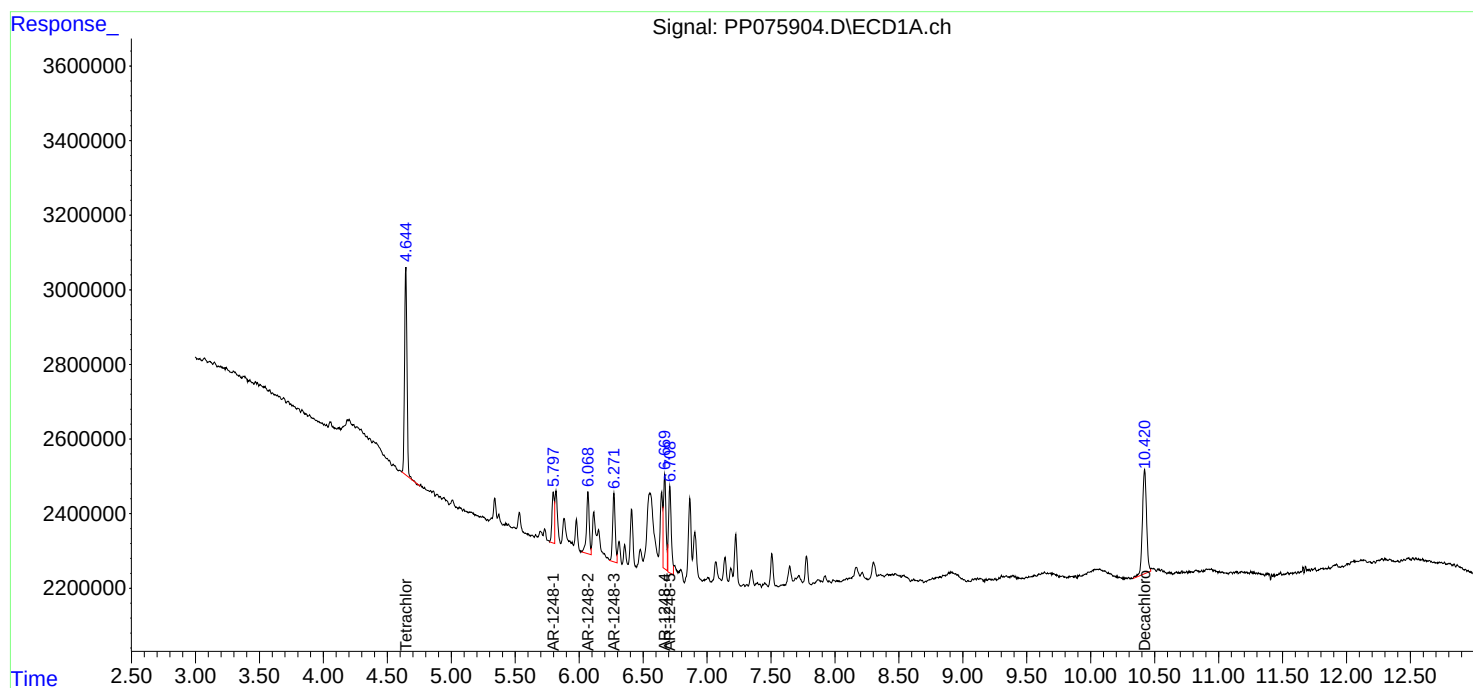
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 14:29:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 14:13:23 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075905.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 14:02  
 Operator : YP\AJ  
 Sample : AR1254ICC1000  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC1000

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 15:57:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 15:24:42 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml    | ng/ml   |
|-----------------------------|--------|-------|----------|---------|----------|---------|
| -----                       |        |       |          |         |          |         |
| System Monitoring Compounds |        |       |          |         |          |         |
| 1) SA Tetrachlo...          | 4.646  | 3.783 | 149.9E6  | 746.7E6 | 97.273   | 98.623  |
| 2) SA Decachlor...          | 10.424 | 8.784 | 119.5E6  | 929.4E6 | 95.942   | 97.673  |
| Target Compounds            |        |       |          |         |          |         |
| 26) L6 AR-1254-1            | 6.646  | 5.662 | 66261960 | 570.9E6 | 872.670m | 970.606 |
| 27) L6 AR-1254-2            | 6.864  | 5.809 | 87851253 | 484.3E6 | 952.211  | 965.216 |
| 28) L6 AR-1254-3            | 7.226  | 6.211 | 92035771 | 866.8E6 | 959.587  | 985.524 |
| 29) L6 AR-1254-4            | 7.509  | 6.437 | 73136868 | 656.6E6 | 959.001  | 987.570 |
| 30) L6 AR-1254-5            | 7.925  | 6.854 | 85440842 | 714.9E6 | 961.668  | 997.772 |
| -----                       |        |       |          |         |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075905.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 14:02  
Operator : YP\AJ  
Sample : AR1254ICC1000  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

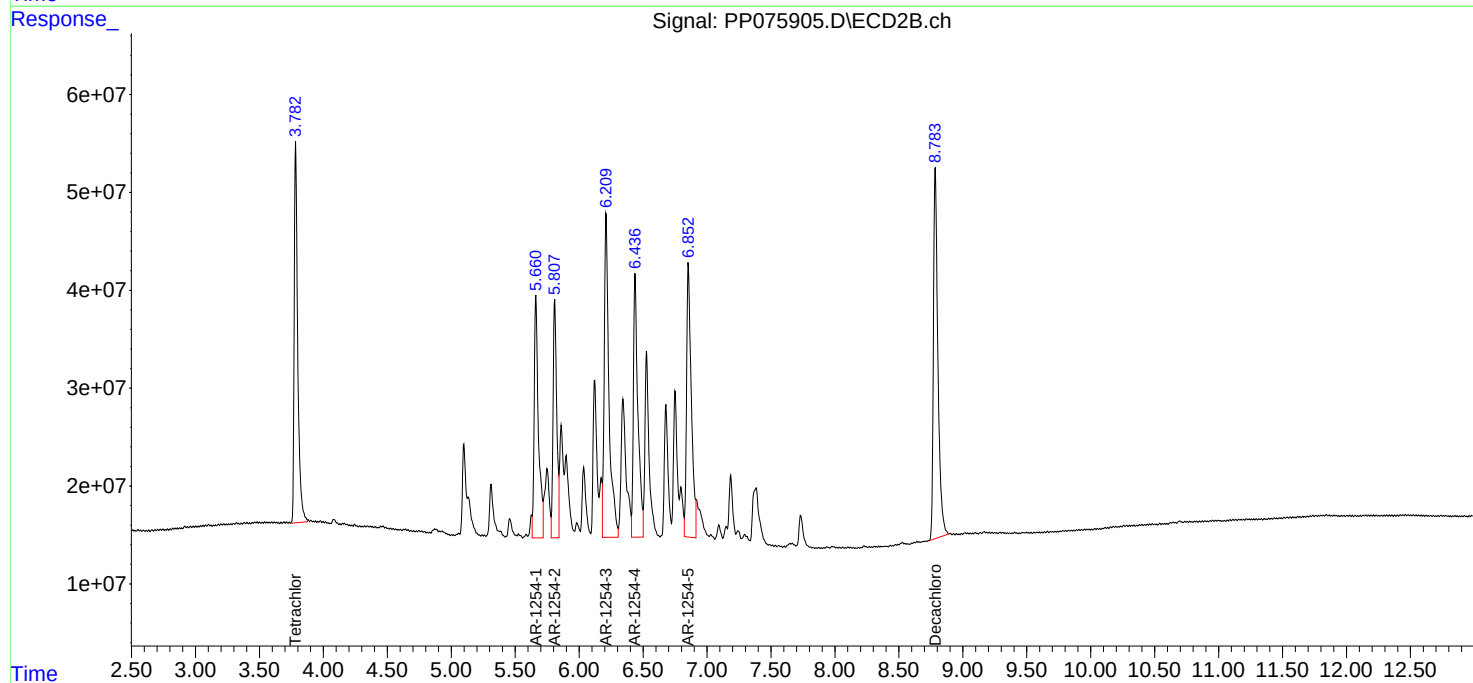
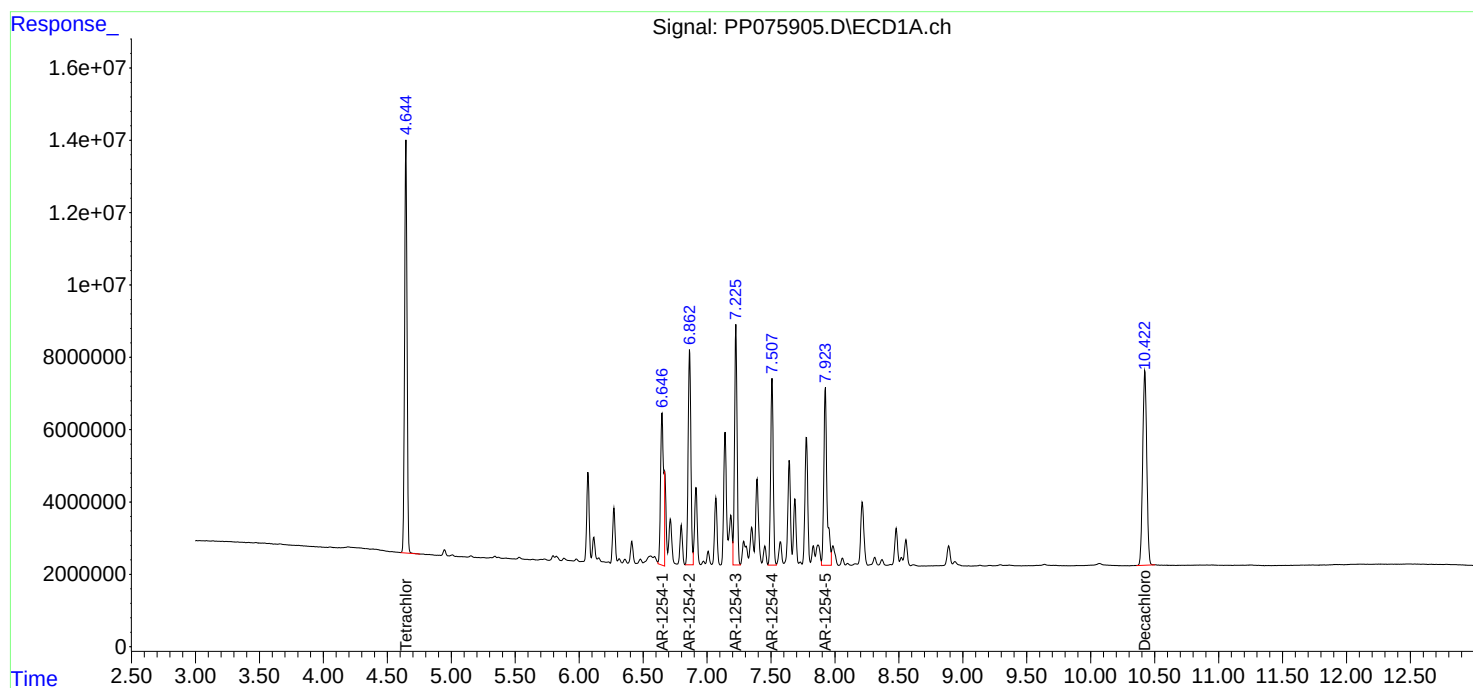
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 15:57:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 15:24:42 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075906.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 14:18  
 Operator : YP\AJ  
 Sample : AR1254ICC750  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC750

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 16:03:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 15:24:42 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|---------|----------|----------|
| -----                       |                 |        |       |          |         |          |          |
| System Monitoring Compounds |                 |        |       |          |         |          |          |
| 1)                          | SA Tetrachlo... | 4.644  | 3.783 | 116.9E6  | 582.0E6 | 75.579   | 76.230   |
| 2)                          | SA Decachlor... | 10.423 | 8.784 | 93392685 | 723.9E6 | 74.989   | 75.714   |
|                             |                 |        |       |          |         |          |          |
| Target Compounds            |                 |        |       |          |         |          |          |
| 26)                         | L6 AR-1254-1    | 6.645  | 5.661 | 53923759 | 447.8E6 | 731.053m | 757.518  |
| 27)                         | L6 AR-1254-2    | 6.863  | 5.808 | 69427935 | 372.6E6 | 751.680  | 745.041  |
| 28)                         | L6 AR-1254-3    | 7.225  | 6.210 | 72675518 | 670.2E6 | 755.137  | 757.967  |
| 29)                         | L6 AR-1254-4    | 7.507  | 6.436 | 57517400 | 515.4E6 | 752.790  | 766.592  |
| 30)                         | L6 AR-1254-5    | 7.923  | 6.851 | 67290078 | 595.4E6 | 754.900  | 785.342m |
| -----                       |                 |        |       |          |         |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075906.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 14:18  
Operator : YP\AJ  
Sample : AR1254ICC750  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

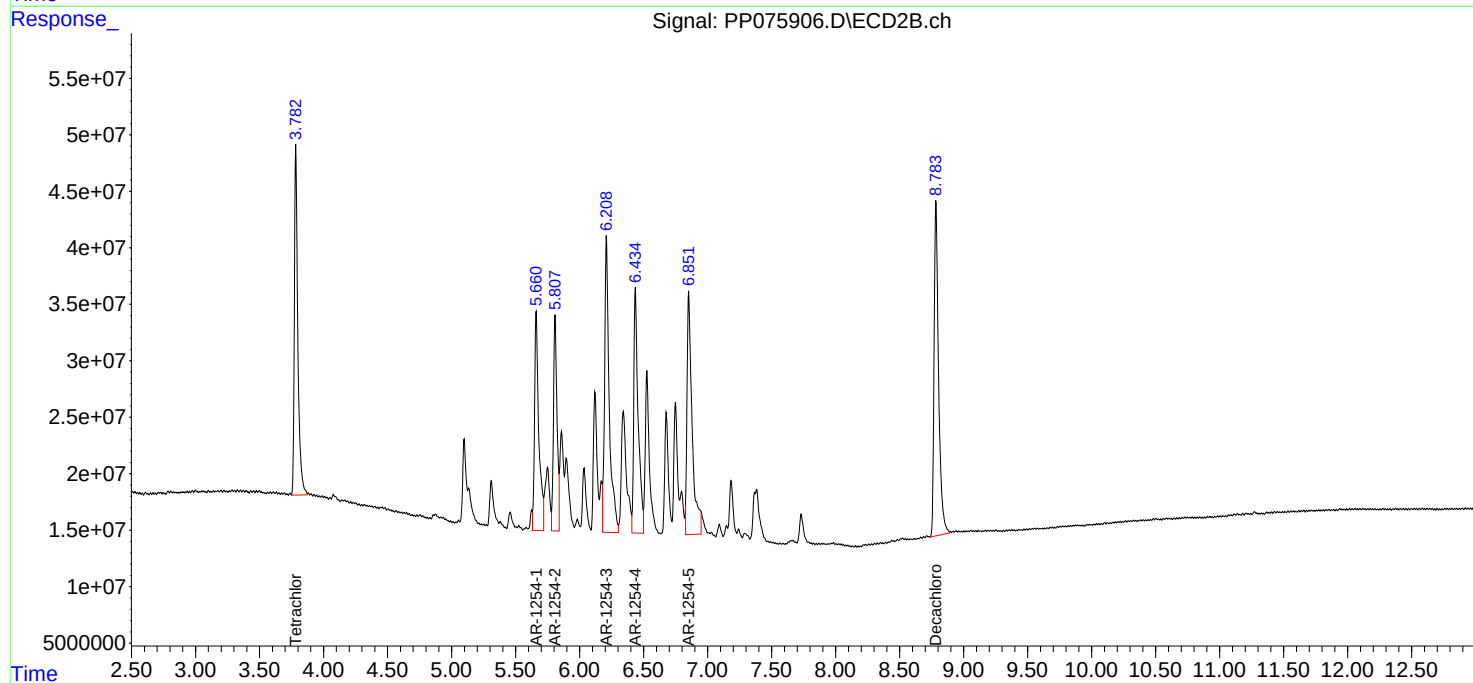
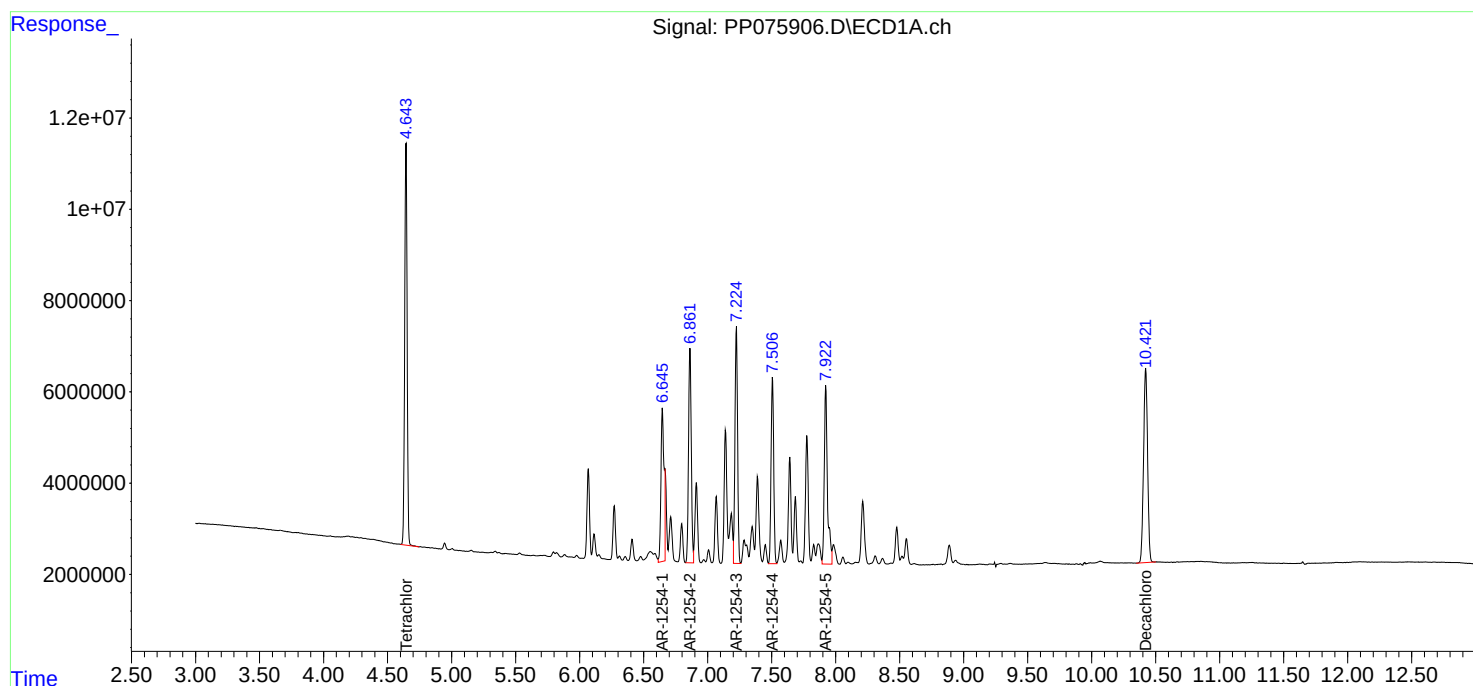
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC750

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 16:03:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 15:24:42 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075907.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 14:35  
 Operator : YP\AJ  
 Sample : AR1254ICC500  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 15:24:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 15:24:42 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml    | ng/ml   |
|-----------------------------|--------|-------|----------|---------|----------|---------|
| -----                       |        |       |          |         |          |         |
| System Monitoring Compounds |        |       |          |         |          |         |
| 1) SA Tetrachlo...          | 4.647  | 3.785 | 79163213 | 383.8E6 | 50.000   | 50.000  |
| 2) SA Decachlor...          | 10.424 | 8.785 | 64802936 | 486.9E6 | 50.000   | 50.000  |
| Target Compounds            |        |       |          |         |          |         |
| 26) L6 AR-1254-1            | 6.648  | 5.663 | 39135010 | 302.7E6 | 480.703m | 500.000 |
| 27) L6 AR-1254-2            | 6.866  | 5.810 | 48334685 | 259.6E6 | 500.000  | 500.000 |
| 28) L6 AR-1254-3            | 7.228  | 6.212 | 49893996 | 446.1E6 | 500.000  | 500.000 |
| 29) L6 AR-1254-4            | 7.510  | 6.438 | 39695143 | 336.6E6 | 500.000  | 500.000 |
| 30) L6 AR-1254-5            | 7.926  | 6.854 | 46126096 | 359.1E6 | 500.000  | 500.000 |
| -----                       |        |       |          |         |          |         |

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075907.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 14:35  
Operator : YP\AJ  
Sample : AR1254ICC500  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

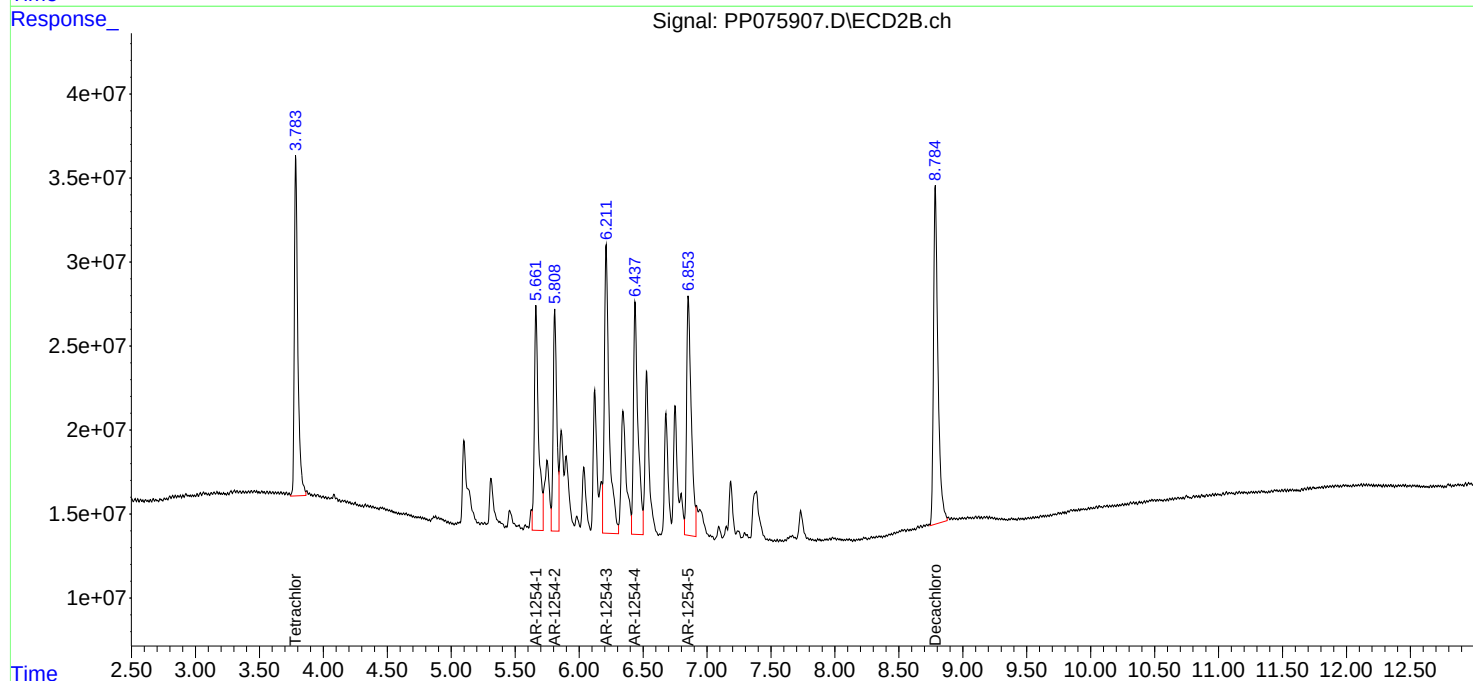
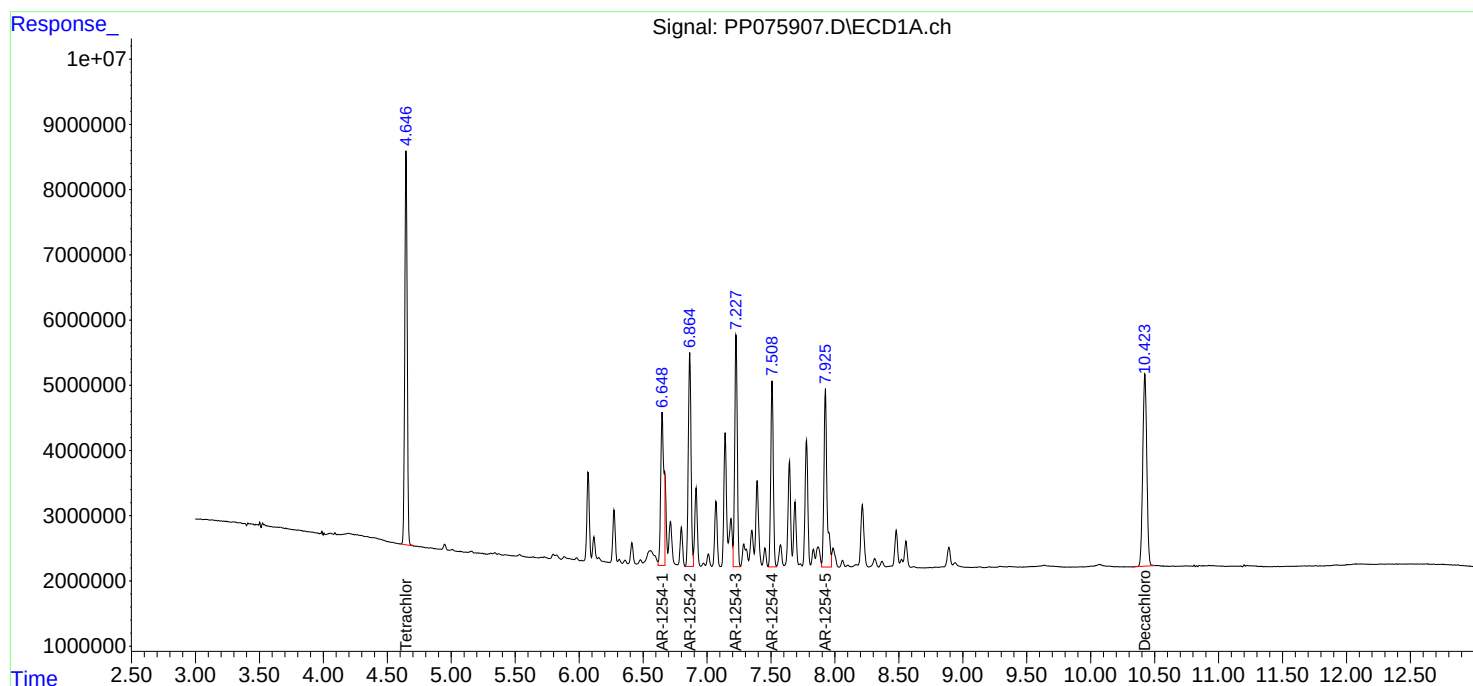
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 15:24:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 15:24:42 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075908.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 14:51  
 Operator : YP\AJ  
 Sample : AR1254ICC250  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC250

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 16:07:49 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 15:24:42 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml    | ng/ml   |
|-----------------------------|--------|-------|----------|---------|----------|---------|
| -----                       |        |       |          |         |          |         |
| System Monitoring Compounds |        |       |          |         |          |         |
| 1) SA Tetrachlo...          | 4.646  | 3.784 | 40353962 | 181.6E6 | 25.803   | 24.079  |
| 2) SA Decachlor...          | 10.422 | 8.784 | 33314499 | 235.8E6 | 26.290   | 24.742  |
| Target Compounds            |        |       |          |         |          |         |
| 26) L6 AR-1254-1            | 6.647  | 5.662 | 20616230 | 146.6E6 | 278.580m | 248.519 |
| 27) L6 AR-1254-2            | 6.864  | 5.809 | 25702390 | 128.2E6 | 270.622  | 254.691 |
| 28) L6 AR-1254-3            | 7.226  | 6.210 | 26497010 | 218.4E6 | 268.520  | 247.733 |
| 29) L6 AR-1254-4            | 7.508  | 6.436 | 20991838 | 159.2E6 | 268.108  | 239.944 |
| 30) L6 AR-1254-5            | 7.925  | 6.853 | 23753414 | 169.8E6 | 262.160  | 233.749 |
| -----                       |        |       |          |         |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075908.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 14:51  
Operator : YP\AJ  
Sample : AR1254ICC250  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

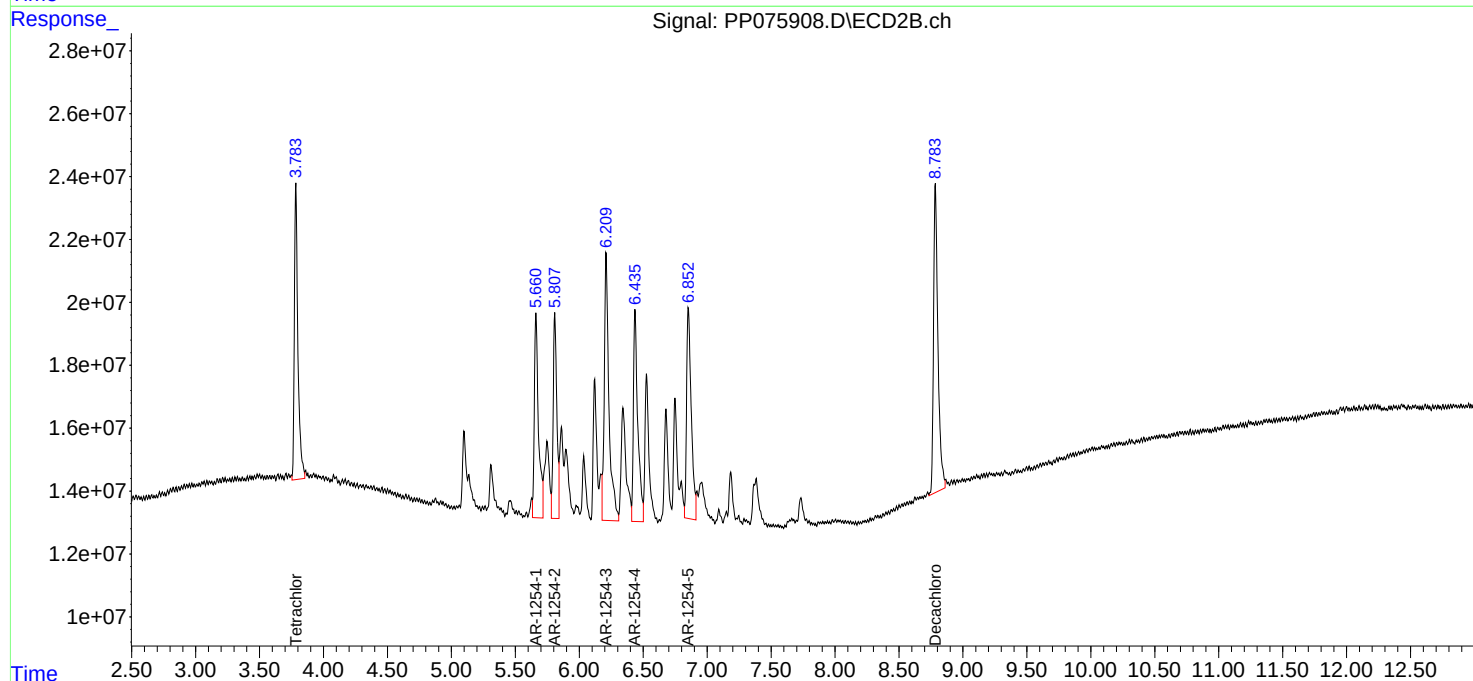
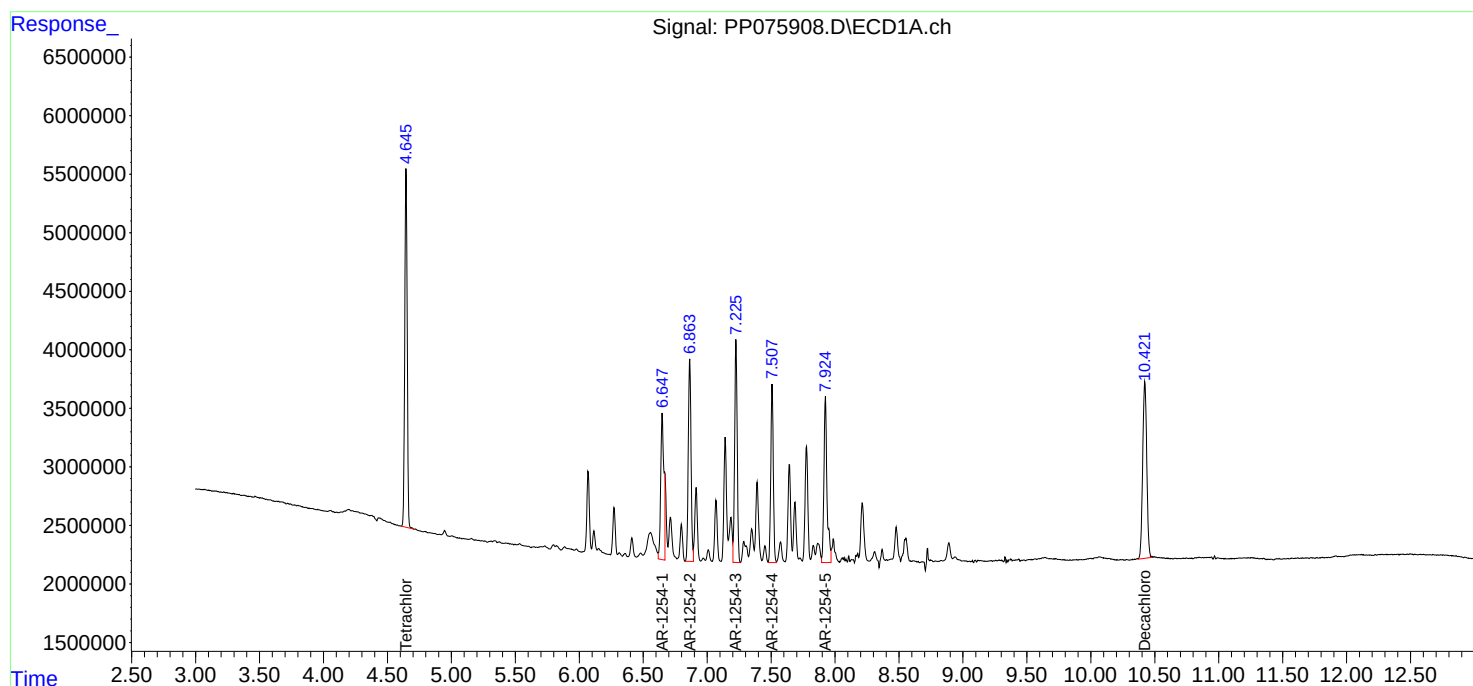
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 16:07:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 15:24:42 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075909.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 15:07  
 Operator : YP\AJ  
 Sample : AR1254ICC050  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 16:12:03 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 15:24:42 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|--------|-------|---------|----------|--------|----------|
| -----                       |        |       |         |          |        |          |
| System Monitoring Compounds |        |       |         |          |        |          |
| 1) SA Tetrachlo...          | 4.642  | 3.780 | 8604114 | 35027317 | 5.393  | 4.744m   |
| 2) SA Decachlor...          | 10.419 | 8.782 | 7574299 | 50050602 | 5.752  | 5.200    |
| Target Compounds            |        |       |         |          |        |          |
| 26) L6 AR-1254-1            | 6.644  | 5.659 | 5028603 | 23004893 | 64.906 | 40.789 # |
| 27) L6 AR-1254-2            | 6.860  | 5.807 | 6001024 | 31864124 | 60.020 | 60.390   |
| 28) L6 AR-1254-3            | 7.222  | 6.206 | 6253065 | 36465652 | 60.152 | 42.846 # |
| 29) L6 AR-1254-4            | 7.504  | 6.433 | 5244227 | 24763386 | 62.720 | 39.321 # |
| 30) L6 AR-1254-5            | 7.921  | 6.850 | 4771352 | 34659929 | 52.106 | 48.147   |
| -----                       |        |       |         |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075909.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 15:07  
Operator : YP\AJ  
Sample : AR1254ICC050  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

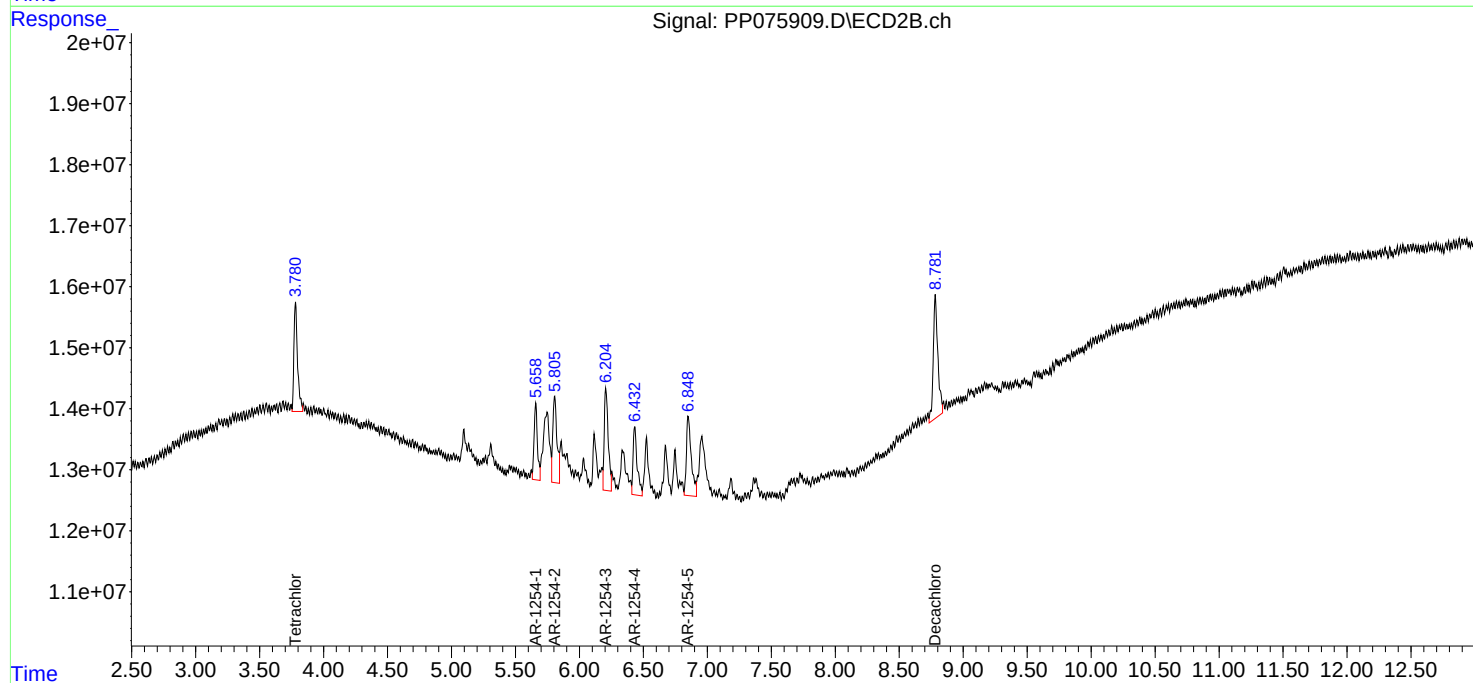
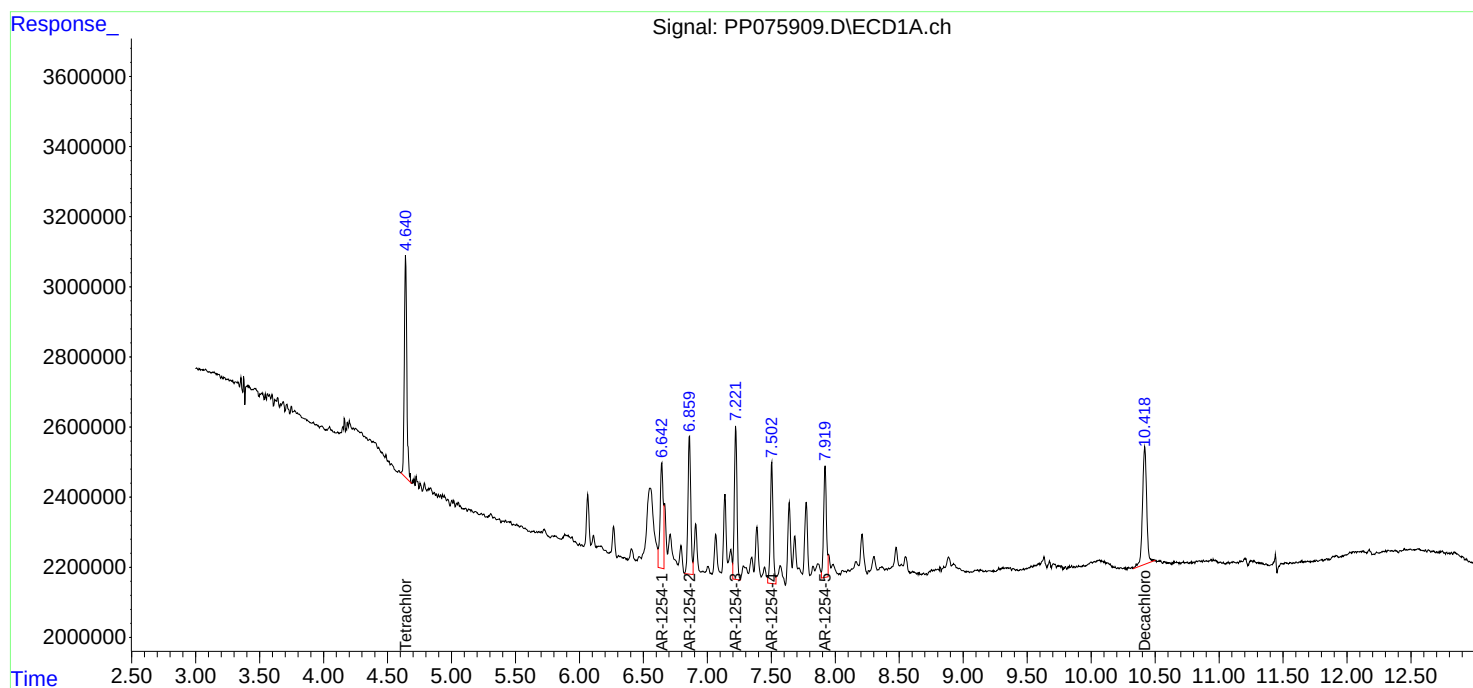
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 16:12:03 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 15:24:42 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075910.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 15:40  
 Operator : YP\AJ  
 Sample : AR1262ICC500  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1262ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 16:21:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 16:20:51 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|---------|---------|---------|
| -----                       |        |       |          |         |         |         |
| System Monitoring Compounds |        |       |          |         |         |         |
| 1) SA Tetrachlo...          | 4.647  | 3.785 | 76058633 | 352.0E6 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.425 | 8.786 | 61011705 | 448.1E6 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |         |         |         |
| 36) L8 AR-1262-1            | 8.232  | 6.893 | 42013007 | 493.5E6 | 500.000 | 500.000 |
| 37) L8 AR-1262-2            | 8.557  | 7.150 | 81834582 | 351.6E6 | 500.000 | 500.000 |
| 38) L8 AR-1262-3            | 8.883  | 7.672 | 60893486 | 303.5E6 | 500.000 | 500.000 |
| 39) L8 AR-1262-4            | 8.971  | 7.736 | 46055772 | 550.7E6 | 500.000 | 500.000 |
| 40) L8 AR-1262-5            | 9.642  | 8.231 | 33912301 | 230.7E6 | 500.000 | 500.000 |
| -----                       |        |       |          |         |         |         |

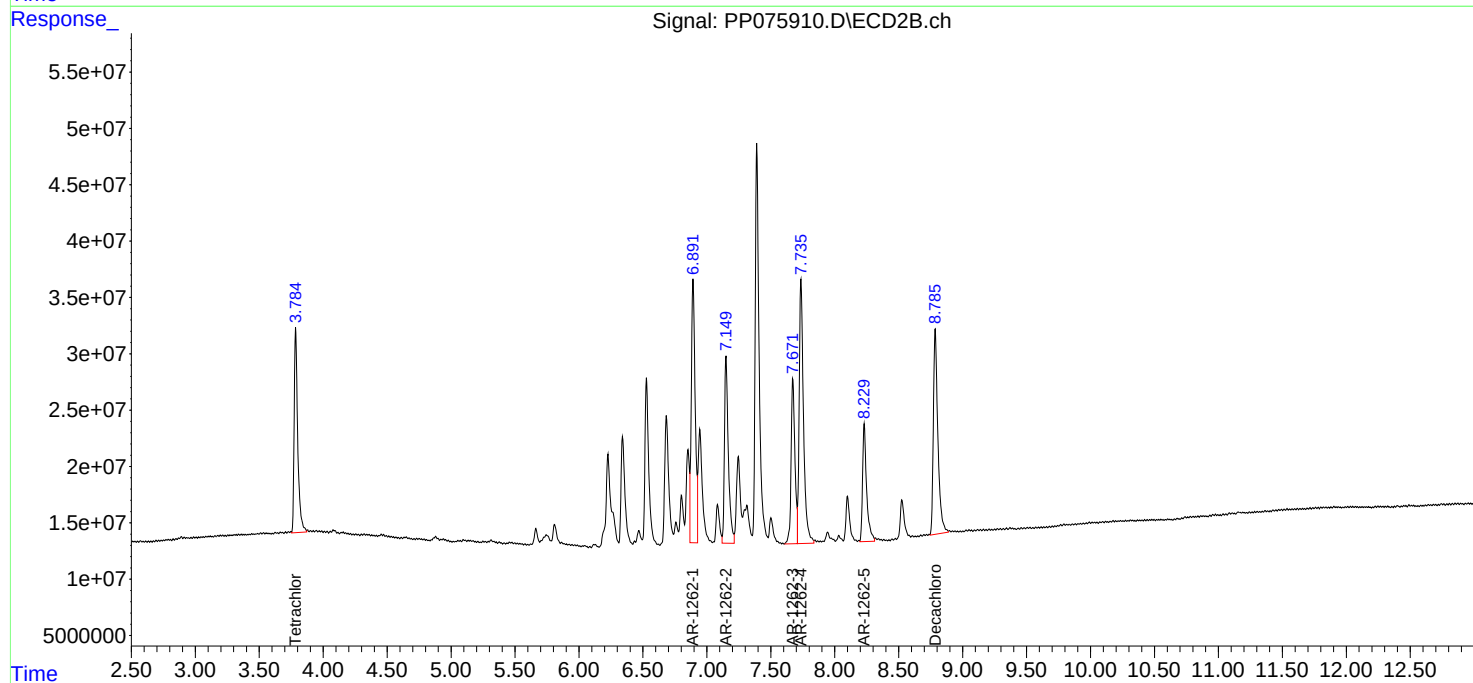
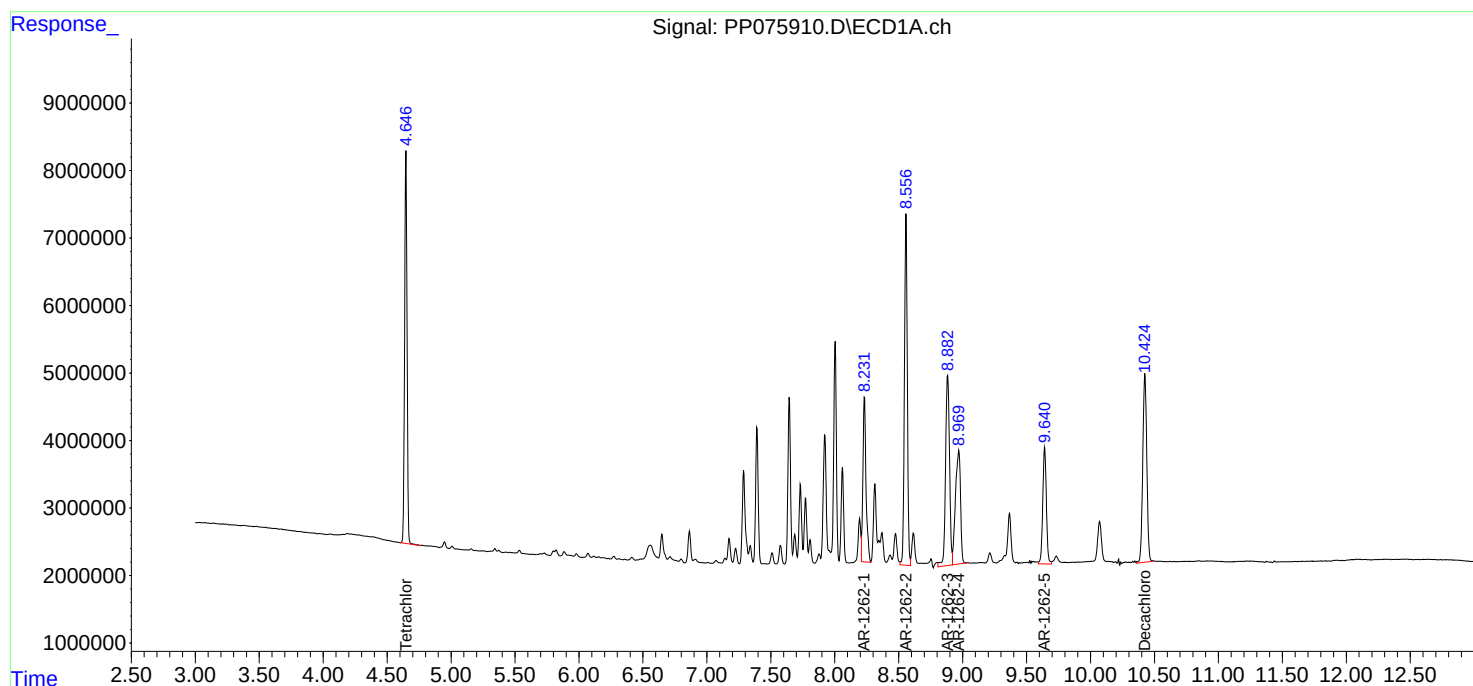
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075910.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 15:40  
Operator : YP\AJ  
Sample : AR1262ICC500  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 16:21:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 16:20:51 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075911.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 15:56  
 Operator : YP\AJ  
 Sample : AR1268ICC1000  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 18:02:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 17:59:29 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|----------|---------|----------|
| -----                       |        |       |          |          |         |          |
| System Monitoring Compounds |        |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.646  | 3.784 | 151.5E6  | 749.9E6  | 97.157  | 99.641   |
| 2) SA Decachlor...          | 10.424 | 8.785 | 198.8E6  | 1671.8E6 | 95.543  | 99.055   |
| Target Compounds            |        |       |          |          |         |          |
| 41) L9 AR-1268-1            | 8.878  | 7.673 | 186.7E6  | 1831.6E6 | 951.896 | 992.615  |
| 42) L9 AR-1268-2            | 8.973  | 7.737 | 172.5E6  | 1800.4E6 | 956.477 | 1001.376 |
| 43) L9 AR-1268-3            | 9.213  | 7.944 | 145.2E6  | 1369.8E6 | 961.447 | 988.116  |
| 44) L9 AR-1268-4            | 9.640  | 8.230 | 71036137 | 542.8E6  | 963.668 | 1002.321 |
| 45) L9 AR-1268-5            | 10.071 | 8.526 | 446.4E6  | 3855.5E6 | 968.612 | 979.920  |
| -----                       |        |       |          |          |         |          |

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

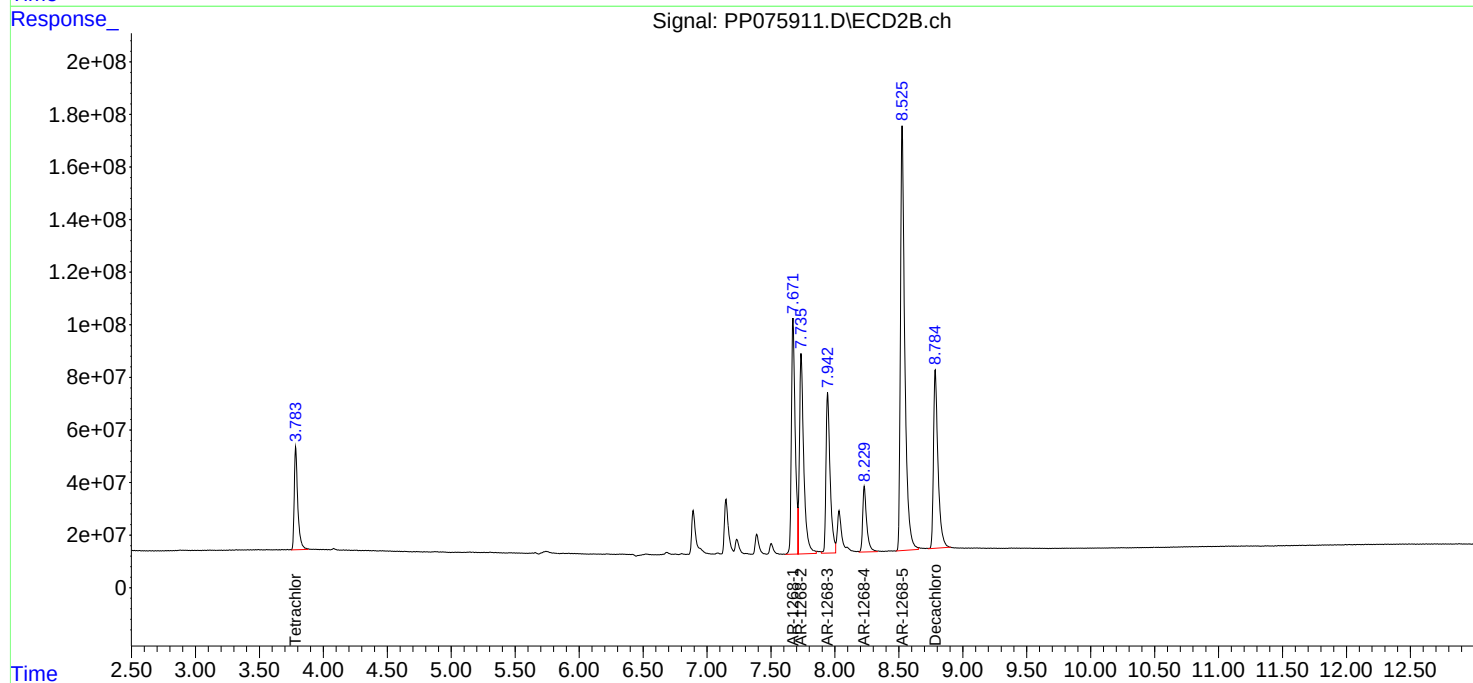
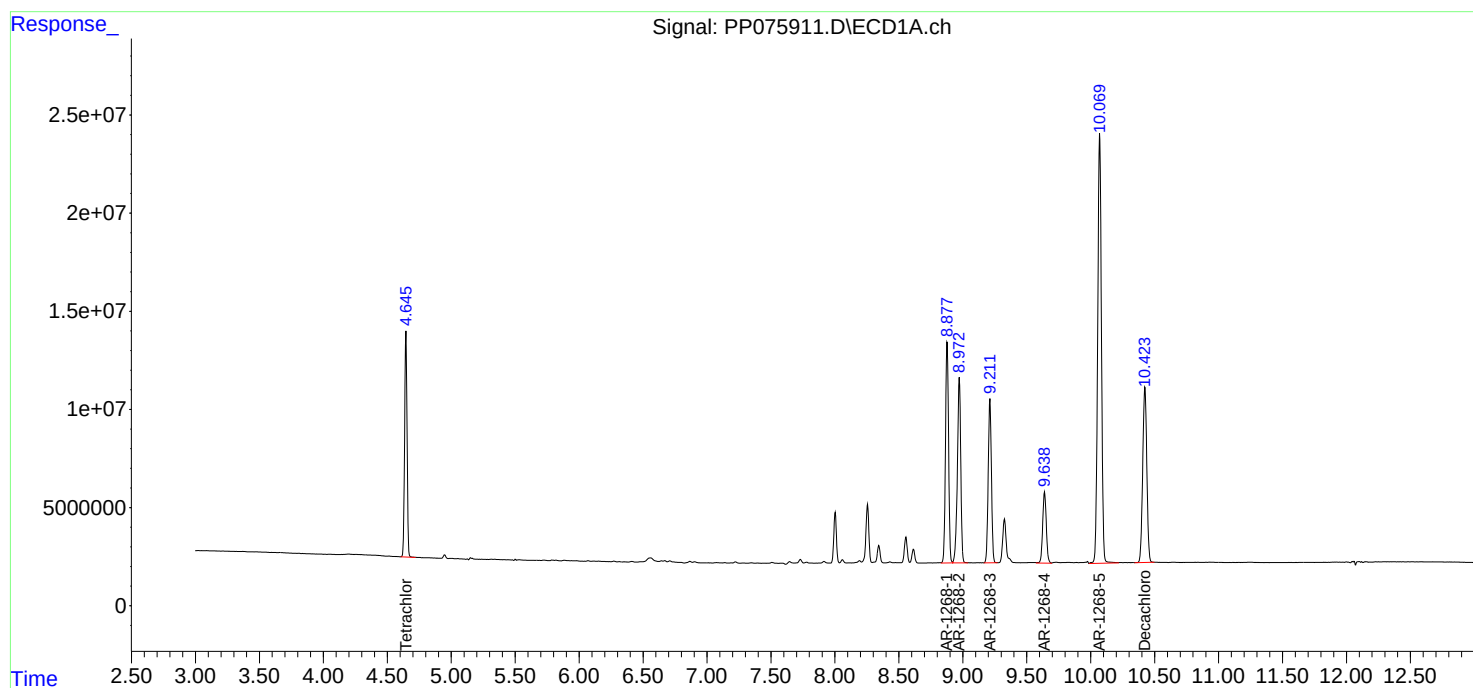


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075911.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 15:56  
Operator : YP\AJ  
Sample : AR1268ICC1000  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 18:02:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 17:59:29 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075912.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 16:12  
 Operator : YP\AJ  
 Sample : AR1268ICC750  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 18:06:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 17:59:29 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.646  | 3.783 | 116.2E6  | 564.9E6  | 74.674  | 75.037  |
| 2) SA Decachlor...          | 10.423 | 8.784 | 155.7E6  | 1249.5E6 | 74.863  | 74.351  |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.877  | 7.671 | 146.3E6  | 1360.1E6 | 747.184 | 741.339 |
| 42) L9 AR-1268-2            | 8.973  | 7.736 | 134.4E6  | 1329.3E6 | 746.666 | 742.894 |
| 43) L9 AR-1268-3            | 9.211  | 7.943 | 112.7E6  | 1019.0E6 | 747.385 | 739.990 |
| 44) L9 AR-1268-4            | 9.640  | 8.229 | 56104264 | 402.6E6  | 757.366 | 745.626 |
| 45) L9 AR-1268-5            | 10.070 | 8.525 | 344.2E6  | 2925.3E6 | 747.861 | 745.651 |
| -----                       |        |       |          |          |         |         |

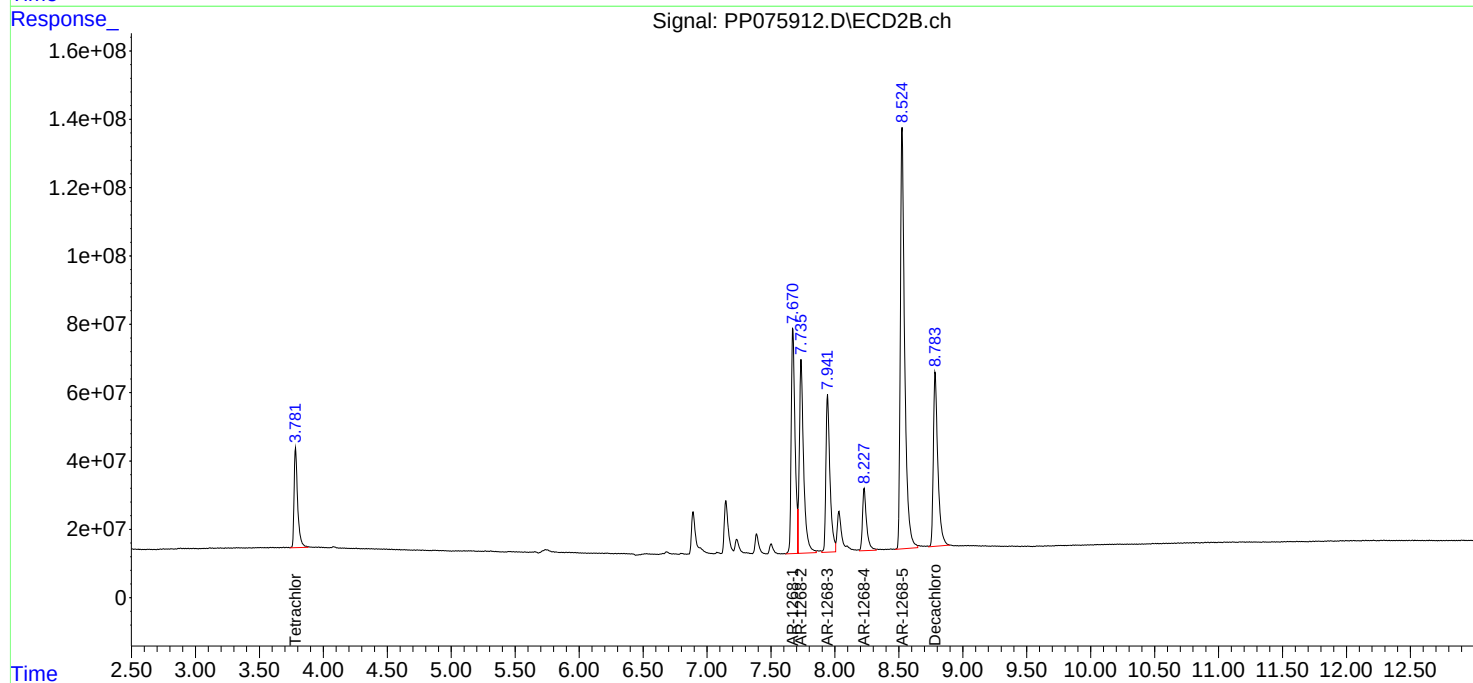
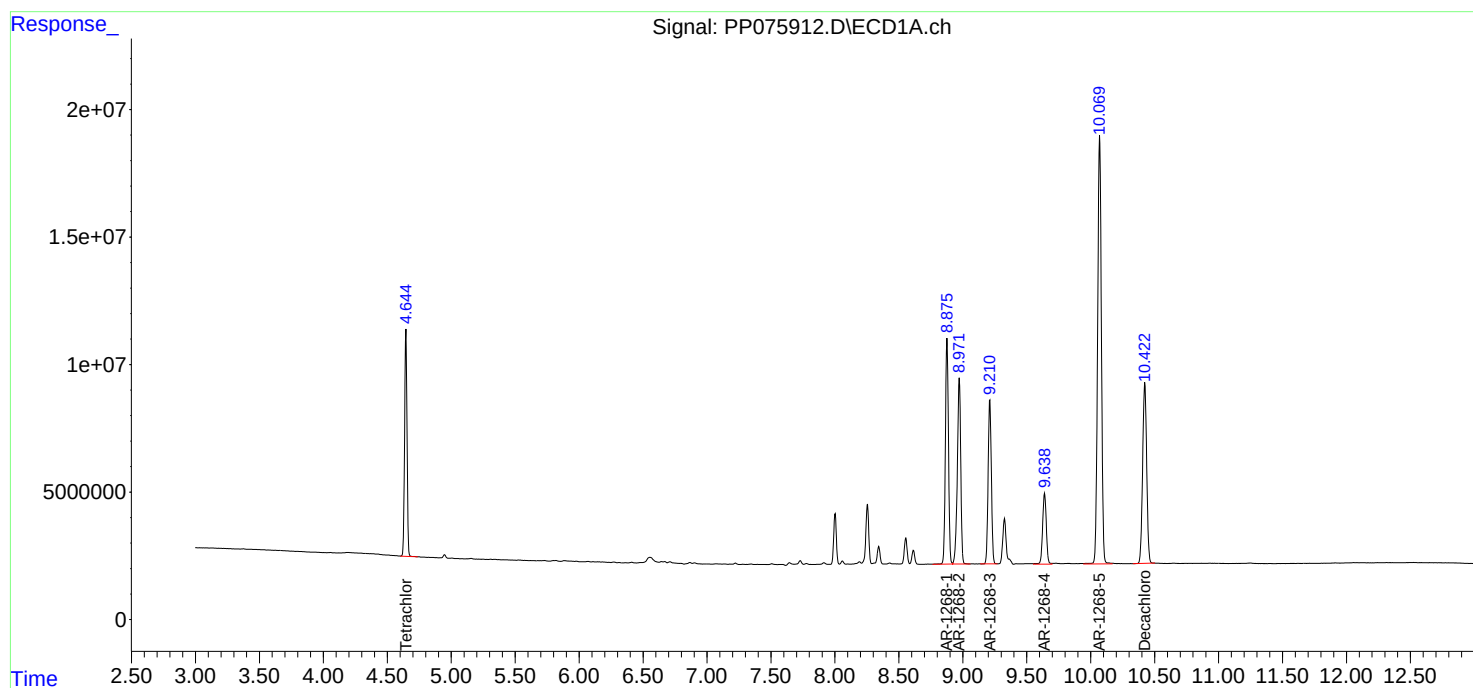
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075912.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 16:12  
Operator : YP\AJ  
Sample : AR1268ICC750  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 18:06:09 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 17:59:29 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075913.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 16:29  
 Operator : YP\AJ  
 Sample : AR1268ICC500  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 17:59:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 17:59:29 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.647  | 3.785 | 80186895 | 377.7E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.424 | 8.785 | 108.7E6  | 851.9E6  | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.878  | 7.673 | 102.8E6  | 929.4E6  | 500.000 | 500.000 |
| 42) L9 AR-1268-2            | 8.973  | 7.737 | 94092052 | 897.7E6  | 500.000 | 500.000 |
| 43) L9 AR-1268-3            | 9.213  | 7.943 | 78447140 | 701.4E6  | 500.000 | 500.000 |
| 44) L9 AR-1268-4            | 9.641  | 8.229 | 38196242 | 270.1E6  | 500.000 | 500.000 |
| 45) L9 AR-1268-5            | 10.070 | 8.526 | 237.7E6  | 2006.7E6 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

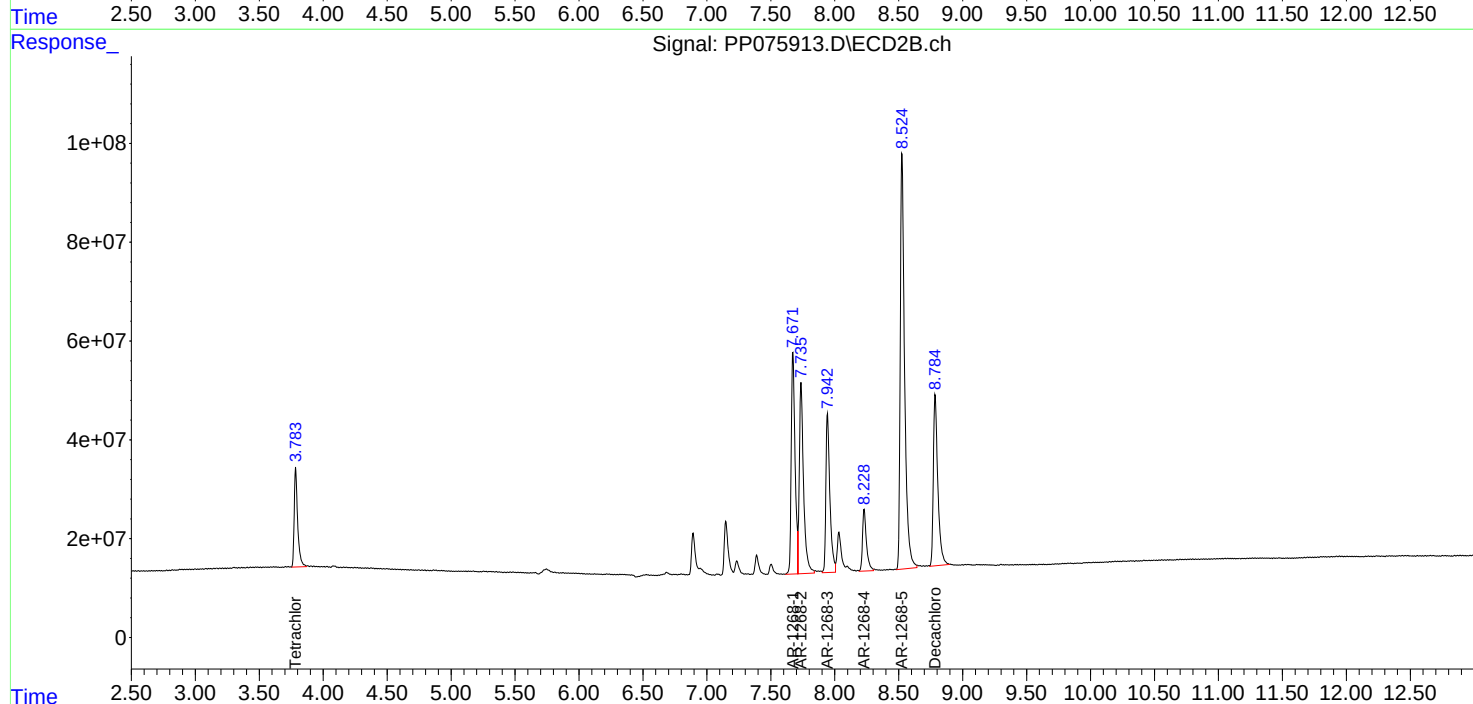
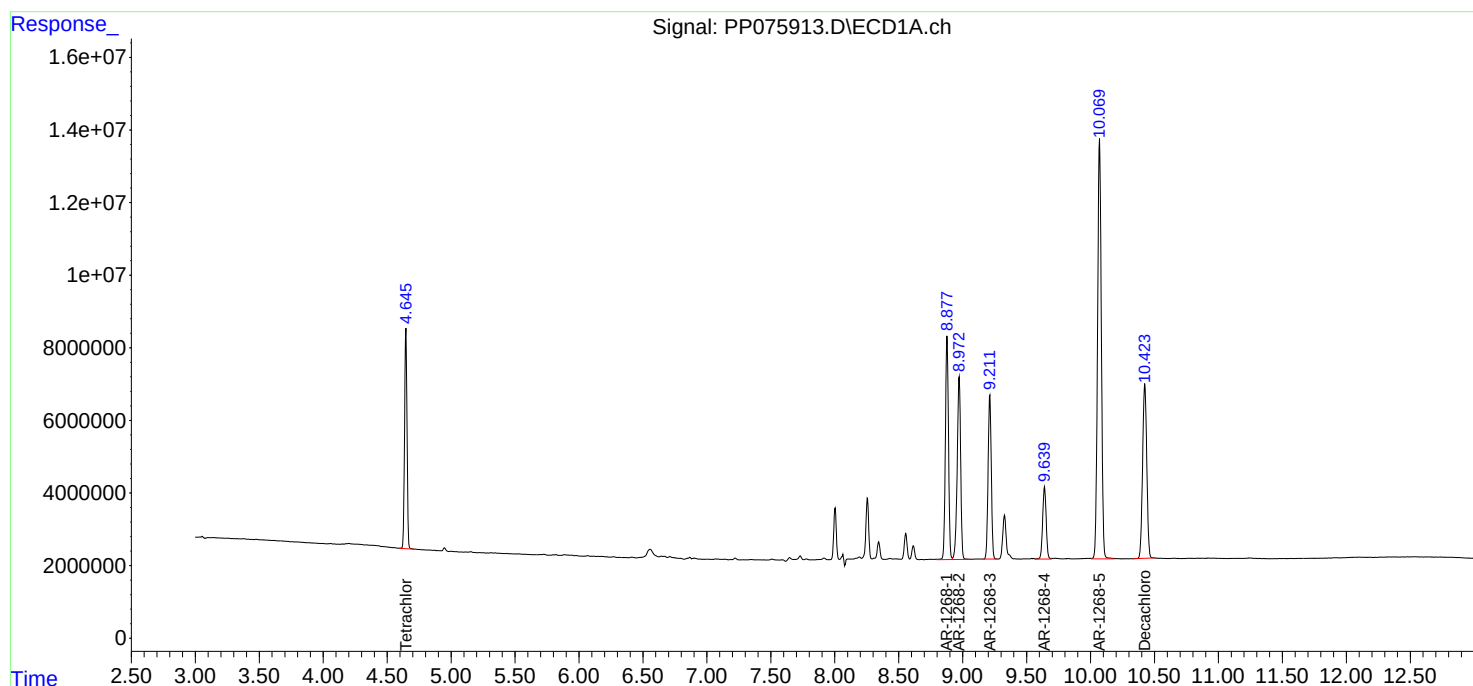
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075913.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 16:29  
Operator : YP\AJ  
Sample : AR1268ICC500  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 17:59:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 17:59:29 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075914.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 16:45  
 Operator : YP\AJ  
 Sample : AR1268ICC250  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 18:11:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 17:59:29 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|---------|---------|---------|
| -----                       |        |       |          |         |         |         |
| System Monitoring Compounds |        |       |          |         |         |         |
| 1) SA Tetrachlo...          | 4.648  | 3.785 | 39777145 | 176.8E6 | 25.420  | 23.849  |
| 2) SA Decachlor...          | 10.427 | 8.786 | 55292786 | 404.9E6 | 26.176  | 24.316  |
|                             |        |       |          |         |         |         |
| Target Compounds            |        |       |          |         |         |         |
| 41) L9 AR-1268-1            | 8.880  | 7.673 | 52505558 | 433.0E6 | 263.374 | 239.361 |
| 42) L9 AR-1268-2            | 8.975  | 7.737 | 47519594 | 415.5E6 | 260.422 | 236.426 |
| 43) L9 AR-1268-3            | 9.214  | 7.943 | 39522518 | 339.7E6 | 258.947 | 247.491 |
| 44) L9 AR-1268-4            | 9.642  | 8.231 | 19156803 | 125.4E6 | 256.397 | 236.500 |
| 45) L9 AR-1268-5            | 10.073 | 8.527 | 120.0E6  | 927.0E6 | 257.945 | 239.576 |
| -----                       |        |       |          |         |         |         |

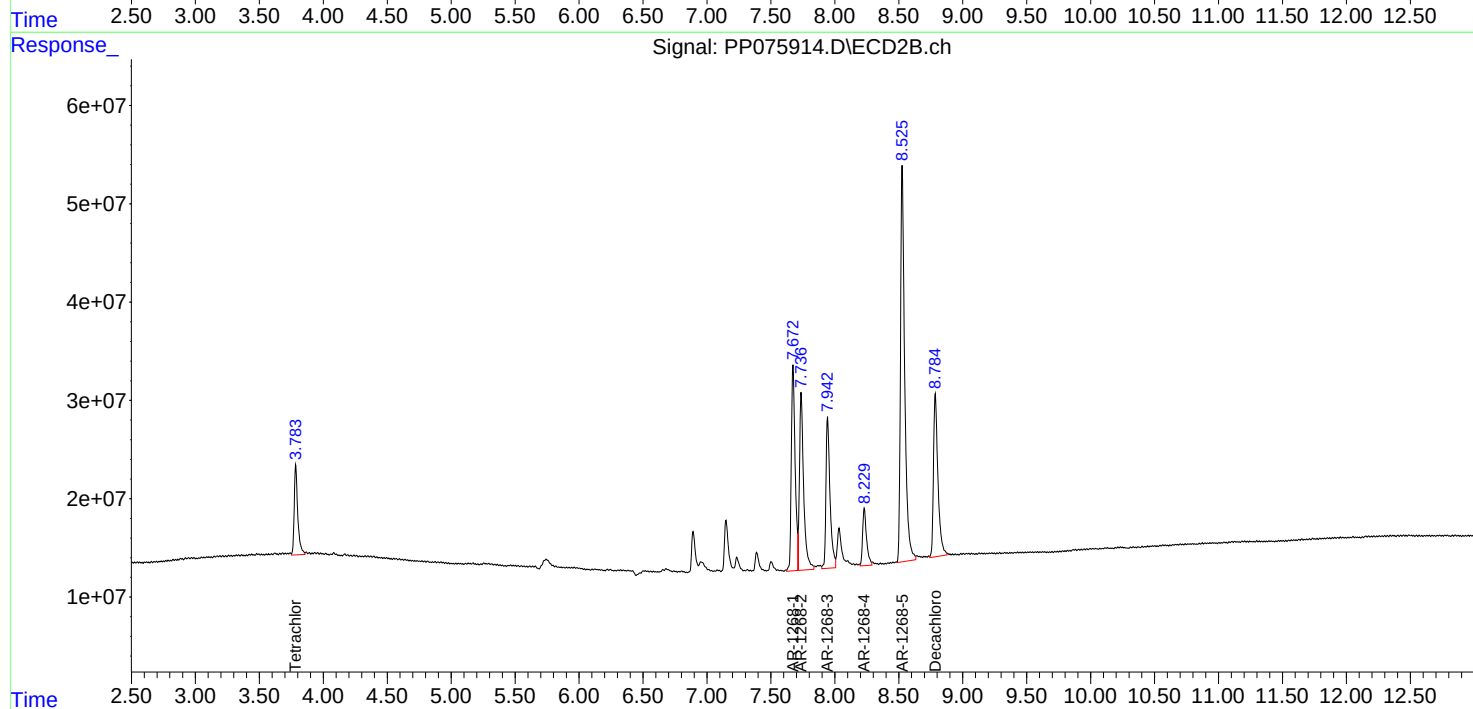
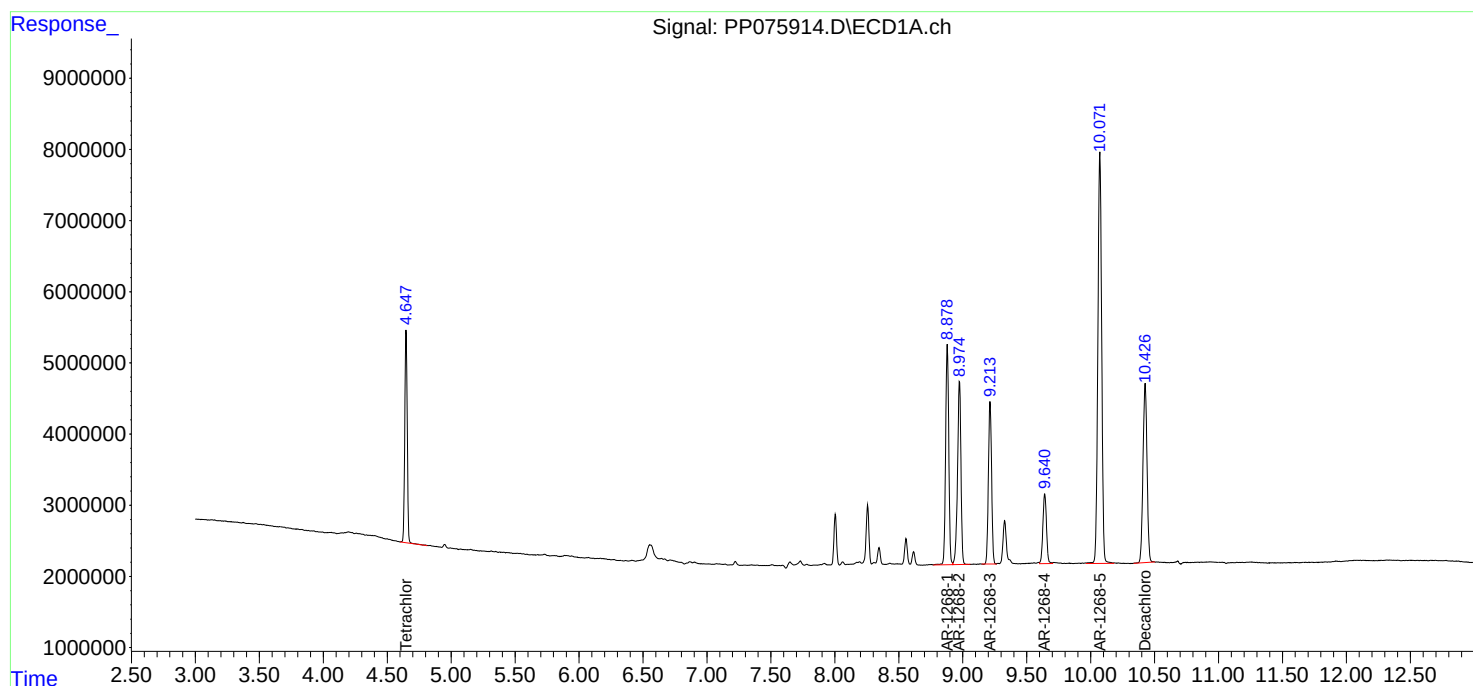
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075914.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 16:45  
Operator : YP\AJ  
Sample : AR1268ICC250  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 18:11:19 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 17:59:29 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075915.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 17:01  
 Operator : YP\AJ  
 Sample : AR1268ICC050  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 18:15:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 17:59:29 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 1) SA Tetrachlo...          | 4.646  | 3.785 | 8297245  | 34278784 | 5.239  | 4.694    |
| 2) SA Decachlor...          | 10.424 | 8.786 | 11780168 | 79254993 | 5.451  | 4.805    |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
| 41) L9 AR-1268-1            | 8.878  | 7.671 | 11762673 | 90866583 | 56.952 | 50.184   |
| 42) L9 AR-1268-2            | 8.973  | 7.736 | 10571240 | 82258397 | 56.152 | 47.408   |
| 43) L9 AR-1268-3            | 9.212  | 7.944 | 8270442  | 67275006 | 53.294 | 49.210   |
| 44) L9 AR-1268-4            | 9.641  | 8.228 | 4718687  | 23283603 | 59.998 | 44.997 # |
| 45) L9 AR-1268-5            | 10.071 | 8.525 | 27065230 | 169.1E6  | 56.340 | 44.825   |
| -----                       |        |       |          |          |        |          |

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

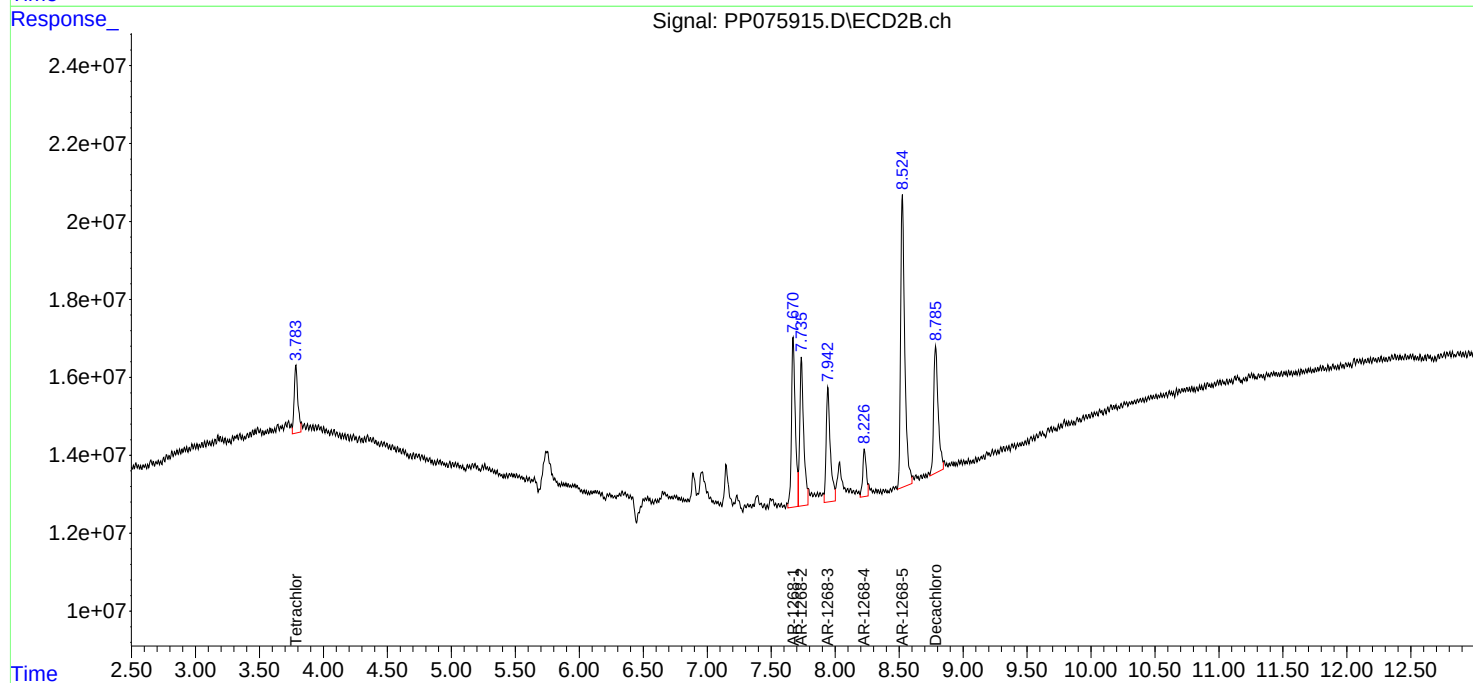
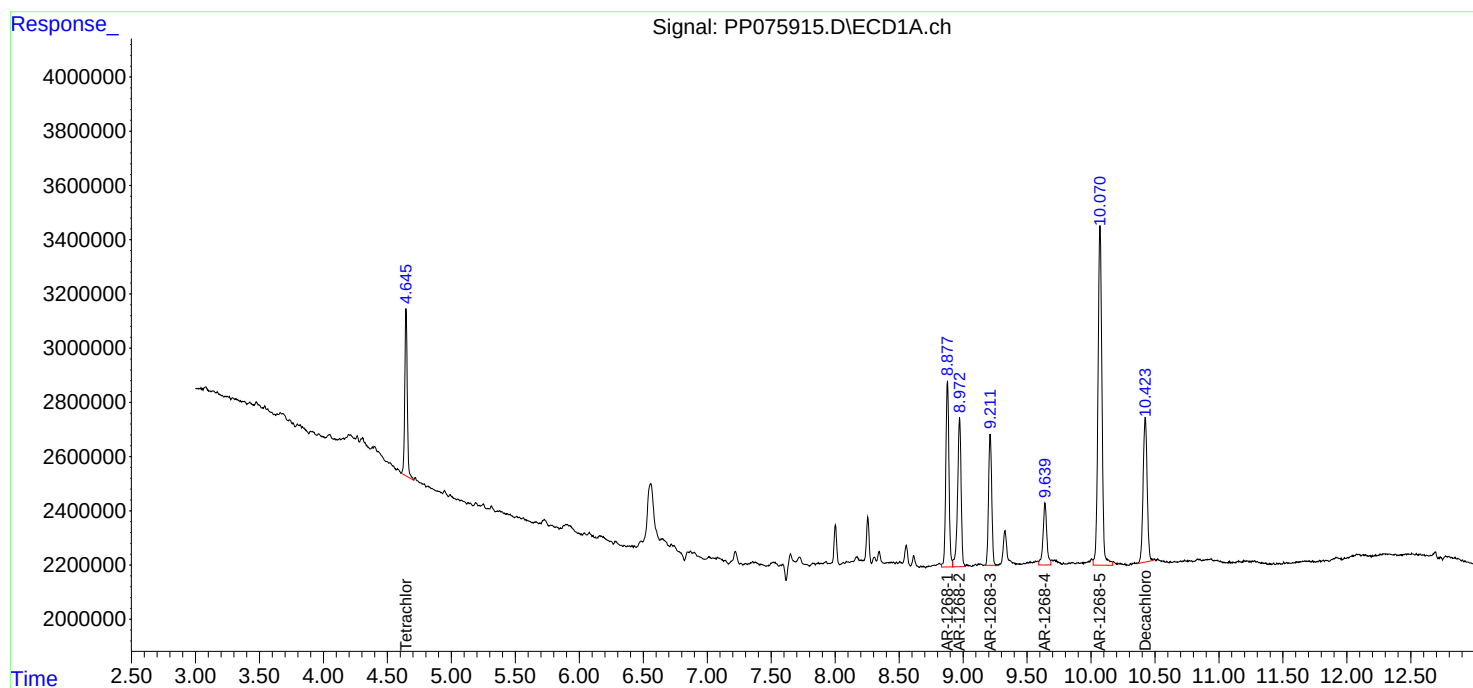


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075915.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 17:01  
Operator : YP\AJ  
Sample : AR1268ICC050  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 18:15:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 17:59:29 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075916.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 17:34  
 Operator : YP\AJ  
 Sample : PP102125ICV500  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP102125

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 18:26:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 18:24:24 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

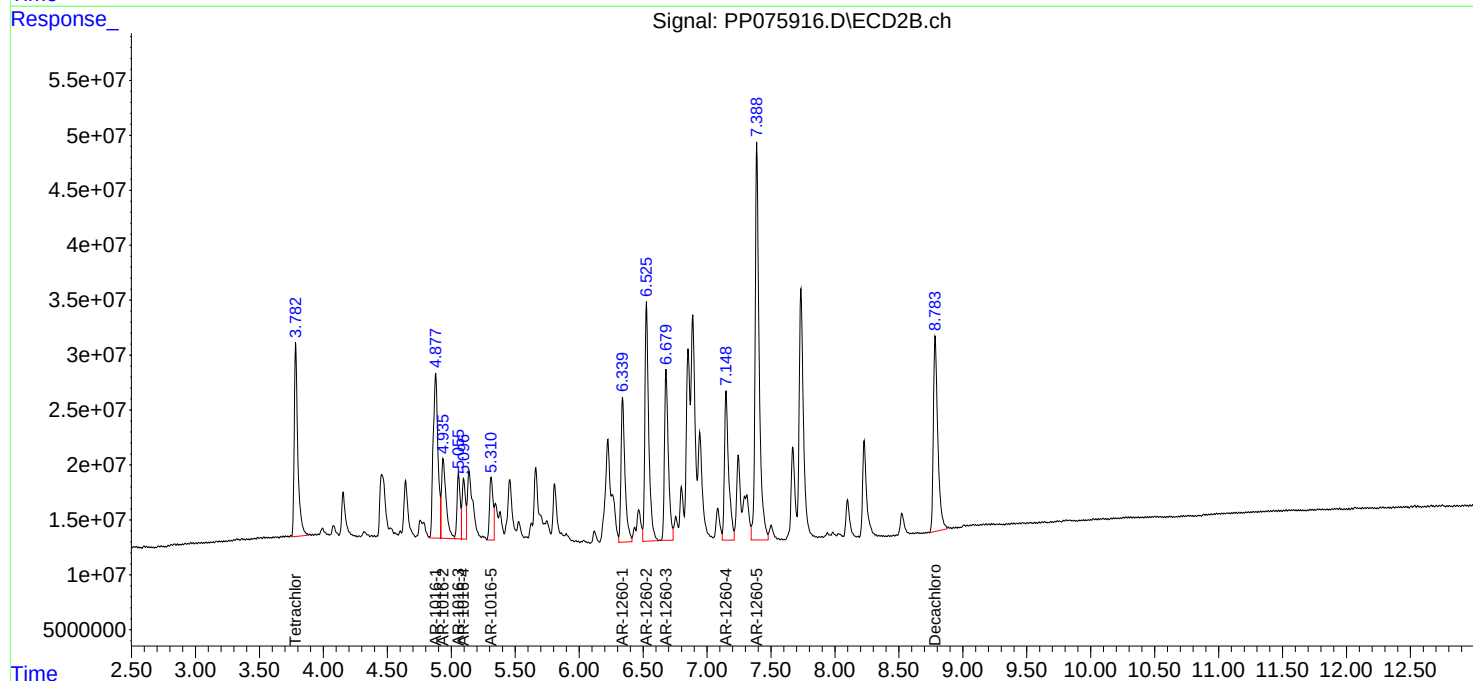
Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|---------|---------|---------|
| -----                       |        |       |          |         |         |         |
| System Monitoring Compounds |        |       |          |         |         |         |
| 1) SA Tetrachlo...          | 4.646  | 3.784 | 73895870 | 340.9E6 | 51.708  | 51.507  |
| 2) SA Decachlor...          | 10.423 | 8.784 | 58947888 | 432.2E6 | 54.757  | 52.559  |
| Target Compounds            |        |       |          |         |         |         |
| 3) L1 AR-1016-1             | 5.799  | 4.879 | 30579076 | 390.9E6 | 517.184 | 528.086 |
| 4) L1 AR-1016-2             | 5.820  | 4.937 | 46283521 | 183.5E6 | 523.308 | 536.724 |
| 5) L1 AR-1016-3             | 5.883  | 5.057 | 29014100 | 102.8E6 | 524.184 | 500.470 |
| 6) L1 AR-1016-4             | 5.980  | 5.097 | 23843232 | 102.7E6 | 524.717 | 549.750 |
| 7) L1 AR-1016-5             | 6.273  | 5.312 | 22384300 | 107.6E6 | 515.702 | 472.171 |
| 31) L7 AR-1260-1            | 7.391  | 6.340 | 38313477 | 286.2E6 | 557.233 | 522.496 |
| 32) L7 AR-1260-2            | 7.644  | 6.526 | 47189702 | 452.3E6 | 526.804 | 555.781 |
| 33) L7 AR-1260-3            | 8.002  | 6.680 | 37186118 | 328.9E6 | 536.700 | 584.366 |
| 34) L7 AR-1260-4            | 8.230  | 7.149 | 40498377 | 308.8E6 | 590.602 | 594.624 |
| 35) L7 AR-1260-5            | 8.556  | 7.389 | 79566551 | 796.8E6 | 537.788 | 587.781 |
| -----                       |        |       |          |         |         |         |

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

**Instrument :**  
ECD\_P  
**ClientSampleId :**  
ICVPP102125

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075917.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 18:06  
 Operator : YP\AJ  
 Sample : AR1242ICV500  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP102125AR1242

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 22 08:16:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 18:24:24 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|----------|---------|----------|
| -----                       |        |       |          |          |         |          |
| System Monitoring Compounds |        |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.646  | 3.784 | 79486082 | 365.2E6  | 55.620  | 55.173   |
| 2) SA Decachlor...          | 10.423 | 8.785 | 64567530 | 484.9E6  | 59.978m | 58.969   |
| Target Compounds            |        |       |          |          |         |          |
| 16) L4 AR-1242-1            | 5.799  | 4.879 | 24532478 | 301.7E6  | 512.088 | 524.891  |
| 17) L4 AR-1242-2            | 5.820  | 4.937 | 37086619 | 138.8E6  | 523.883 | 499.981  |
| 18) L4 AR-1242-3            | 5.883  | 5.057 | 22990427 | 78773054 | 503.714 | 500.427  |
| 19) L4 AR-1242-4            | 5.980  | 5.139 | 18909181 | 99357590 | 520.064 | 536.743m |
| 20) L4 AR-1242-5            | 6.710  | 5.660 | 21676788 | 123.9E6  | 529.426 | 538.030  |
| -----                       |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075917.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 18:06  
Operator : YP\AJ  
Sample : AR1242ICV500  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

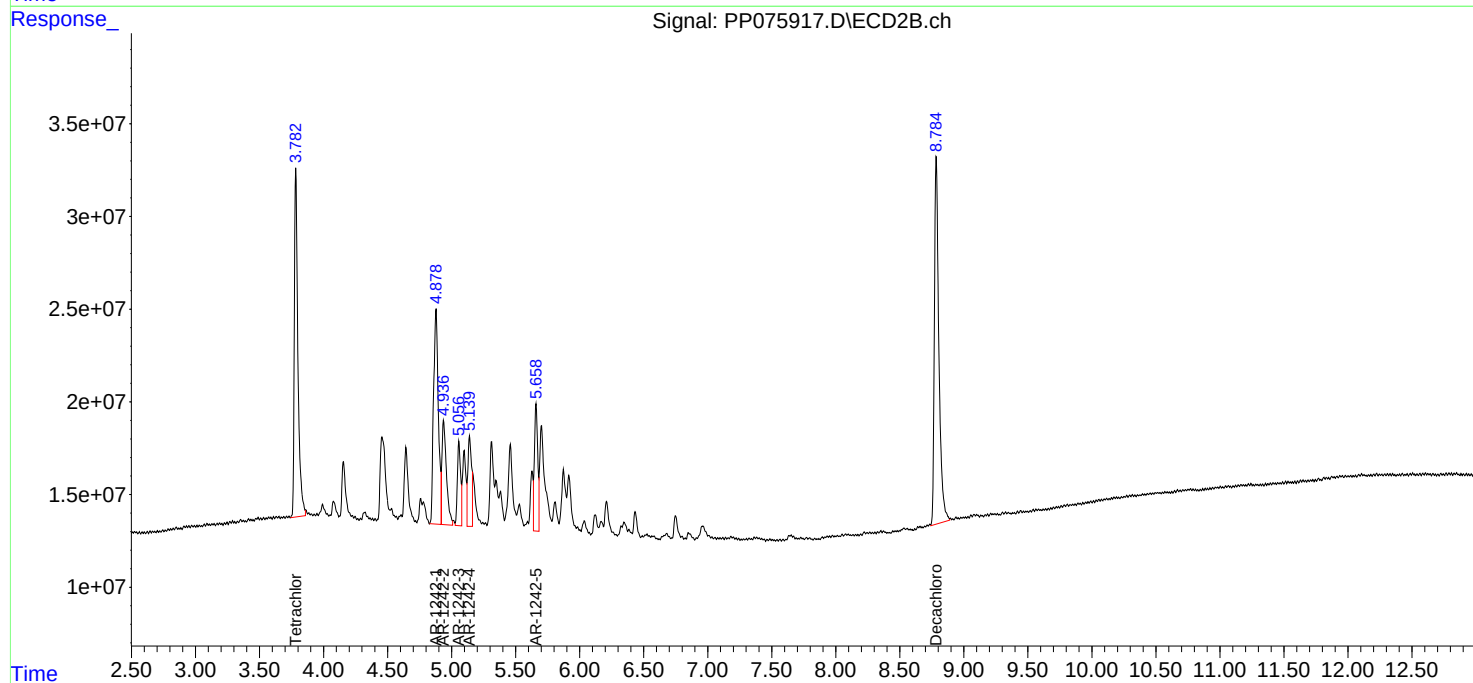
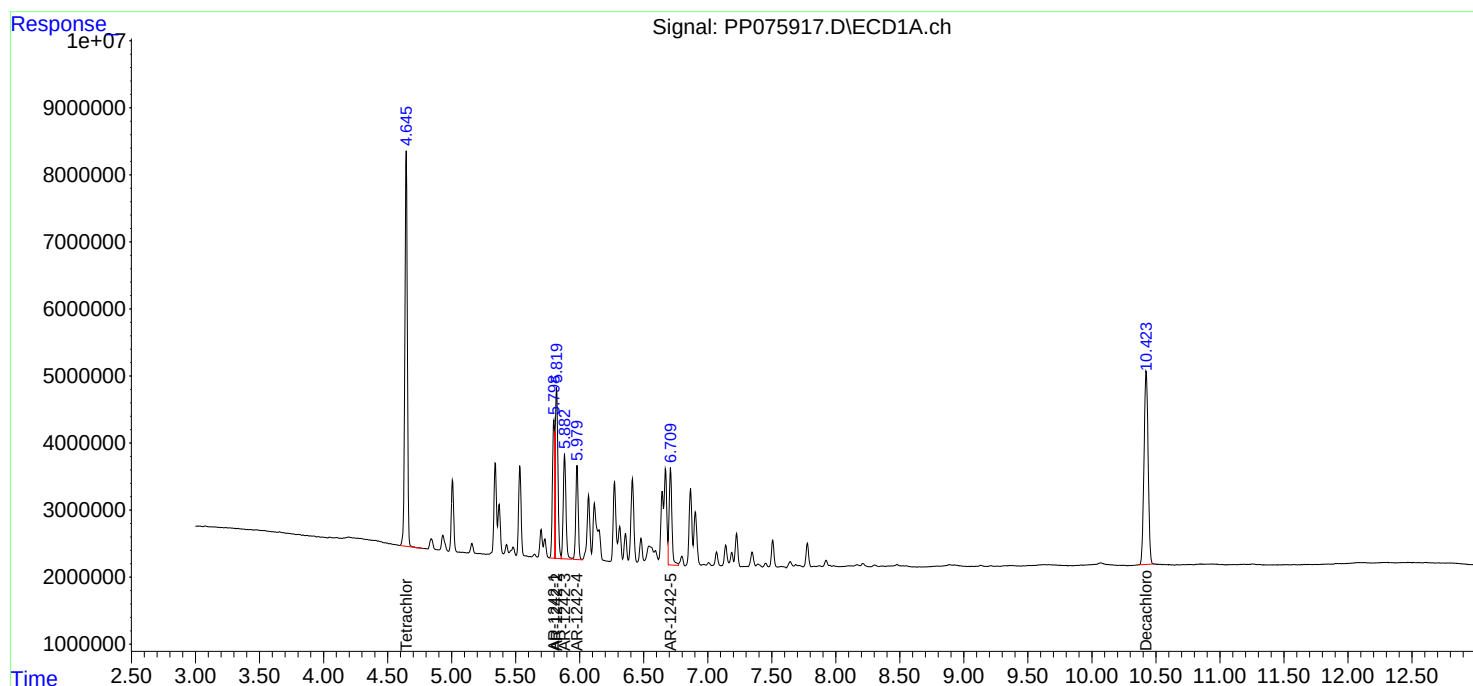
Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP102125AR1242

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 22 08:16:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 18:24:24 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075918.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 18:39  
 Operator : YP\AJ  
 Sample : AR1248ICV500  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP102125AR1248

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 22 08:17:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 18:24:24 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|---------|---------|----------|
| -----                       |        |       |          |         |         |          |
| System Monitoring Compounds |        |       |          |         |         |          |
| 1) SA Tetrachlo...          | 4.647  | 3.784 | 77354608 | 375.4E6 | 54.128  | 56.717   |
| 2) SA Decachlor...          | 10.425 | 8.785 | 62090346 | 474.3E6 | 57.677  | 57.676   |
| Target Compounds            |        |       |          |         |         |          |
| 21) L5 AR-1248-1            | 5.799  | 4.878 | 18454423 | 193.8E6 | 514.472 | 515.973  |
| 22) L5 AR-1248-2            | 6.070  | 5.099 | 24718037 | 124.2E6 | 507.095 | 505.124  |
| 23) L5 AR-1248-3            | 6.273  | 5.138 | 27349933 | 132.7E6 | 504.009 | 462.616m |
| 24) L5 AR-1248-4            | 6.671  | 5.312 | 33802442 | 144.9E6 | 509.348 | 512.423  |
| 25) L5 AR-1248-5            | 6.711  | 5.701 | 33065578 | 279.8E6 | 509.794 | 538.456  |
| -----                       |        |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075918.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 18:39  
Operator : YP\AJ  
Sample : AR1248ICV500  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

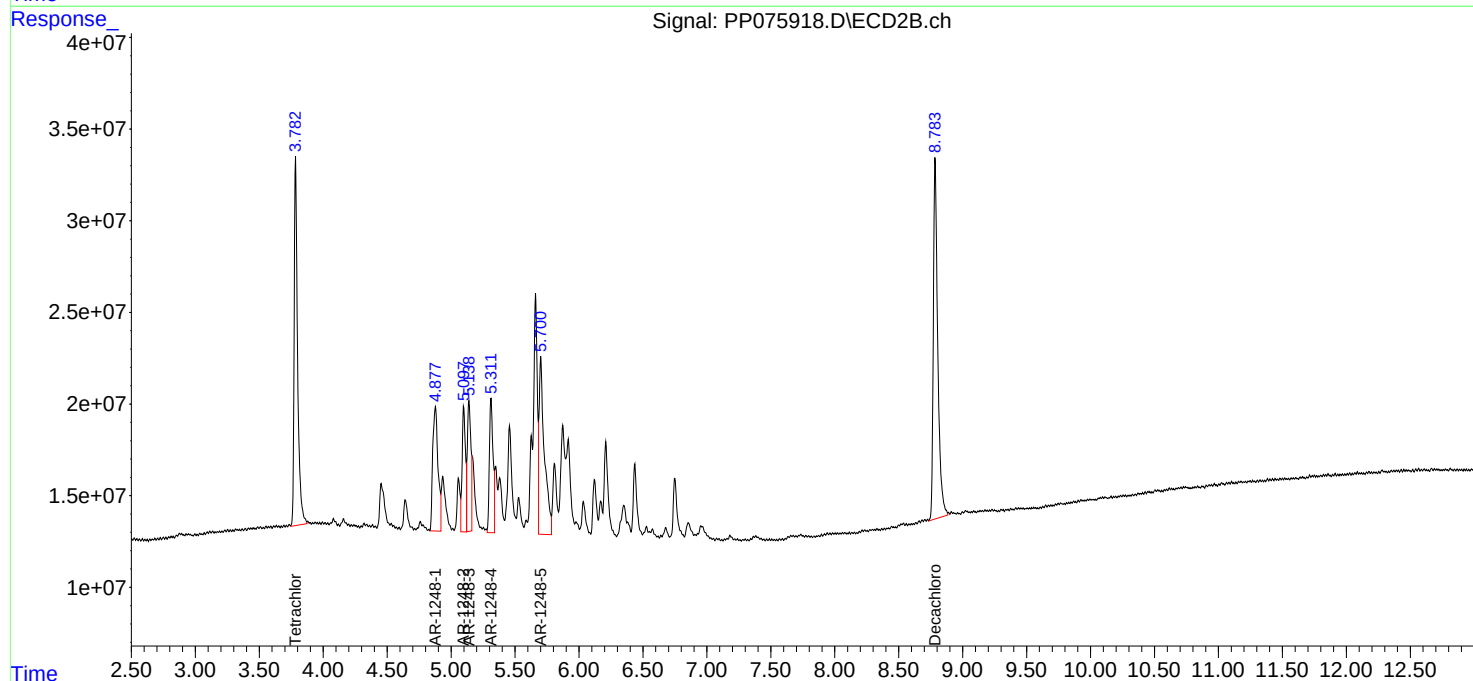
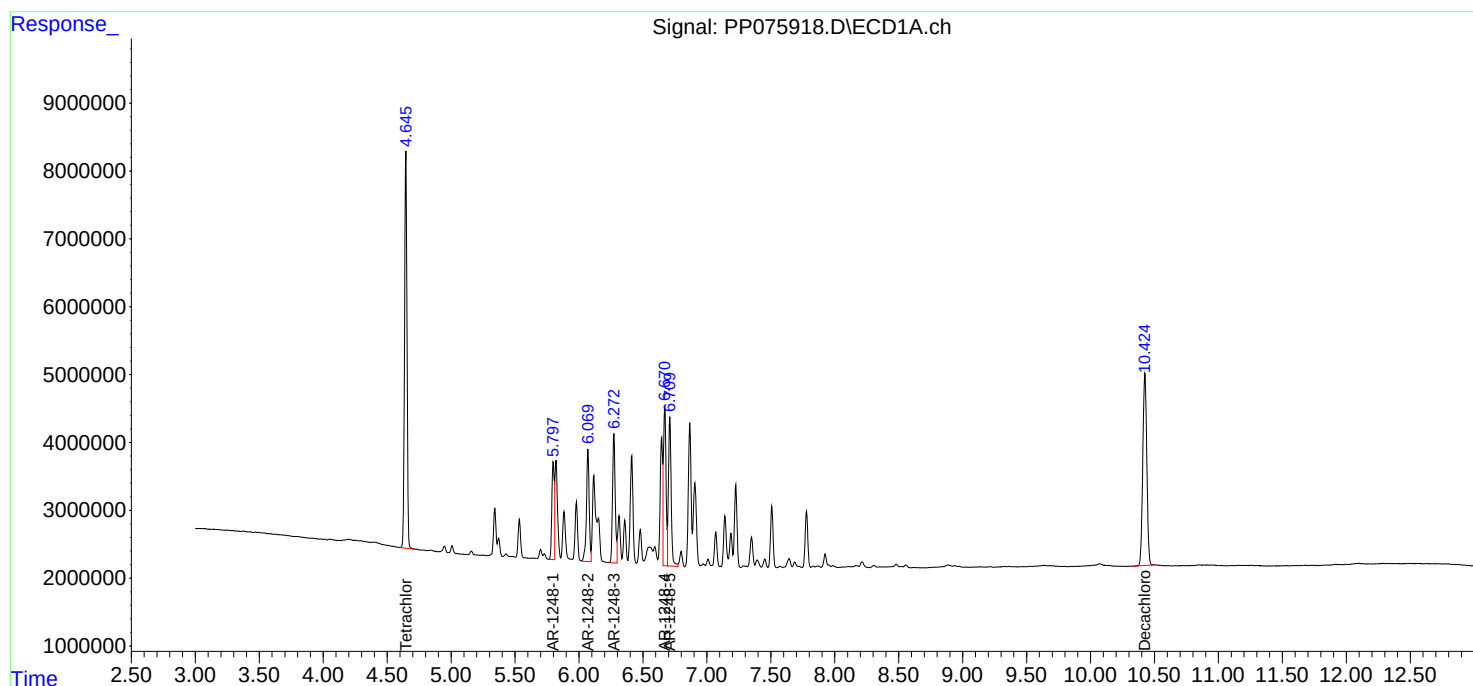
Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP102125AR1248

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 22 08:17:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 18:24:24 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075919.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Oct 2025 08:49  
 Operator : YP\AJ  
 Sample : AR1254ICV500  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP102125AR1254

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 22 09:02:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 18:24:24 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml     |
|-----------------------------|--------|-------|----------|---------|---------|-----------|
| -----                       |        |       |          |         |         |           |
| System Monitoring Compounds |        |       |          |         |         |           |
| 1) SA Tetrachlo...          | 4.654  | 3.784 | 73513288 | 361.3E6 | 51.441  | 54.591    |
| 2) SA Decachlor...          | 10.439 | 8.789 | 61994754 | 468.2E6 | 57.588  | 56.937    |
| Target Compounds            |        |       |          |         |         |           |
| 26) L6 AR-1254-1            | 6.657  | 5.662 | 33305659 | 337.3E6 | 416.876 | 597.997m# |
| 27) L6 AR-1254-2            | 6.873  | 5.811 | 45460472 | 248.5E6 | 454.676 | 468.721   |
| 28) L6 AR-1254-3            | 7.235  | 6.214 | 47667437 | 420.5E6 | 458.540 | 494.093   |
| 29) L6 AR-1254-4            | 7.517  | 6.439 | 37597676 | 337.3E6 | 449.659 | 535.605   |
| 30) L6 AR-1254-5            | 7.934  | 6.855 | 44185805 | 348.6E6 | 482.532 | 484.302   |
| -----                       |        |       |          |         |         |           |

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075919.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2025 08:49  
Operator : YP\AJ  
Sample : AR1254ICV500  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

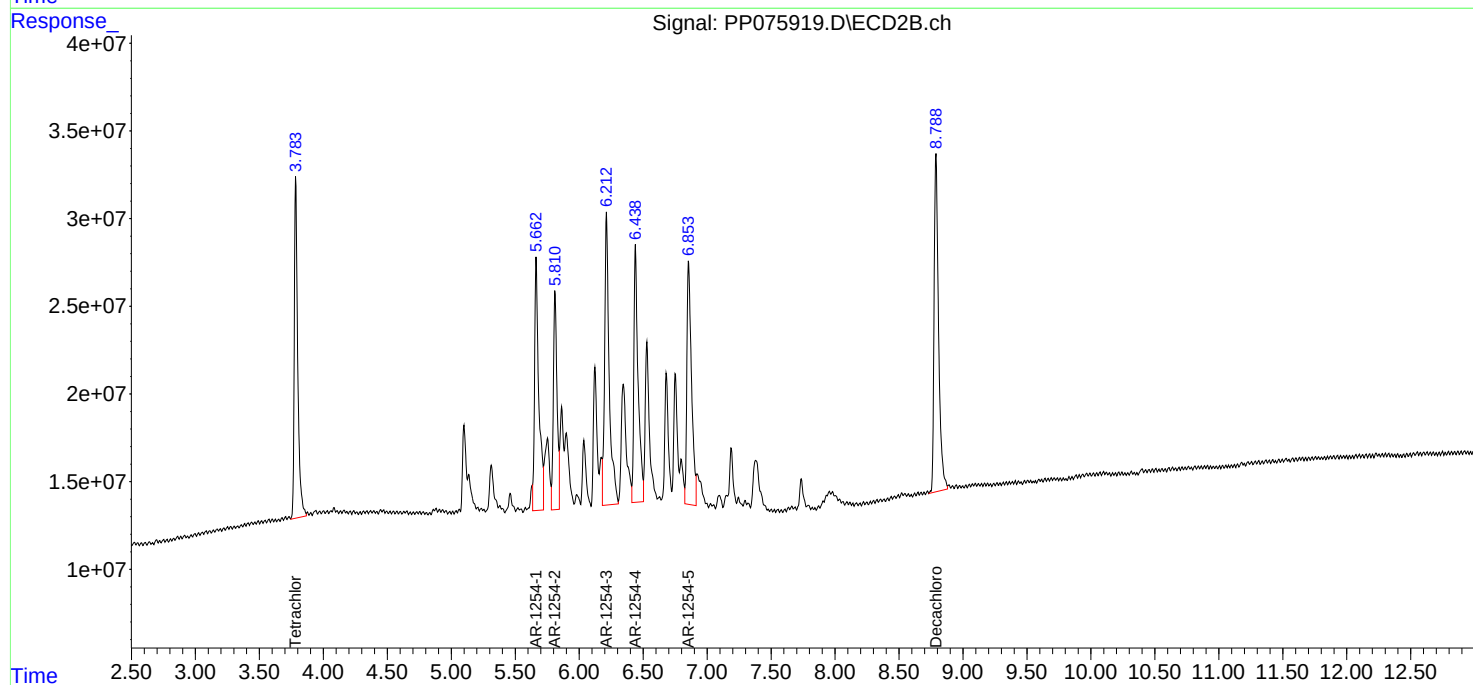
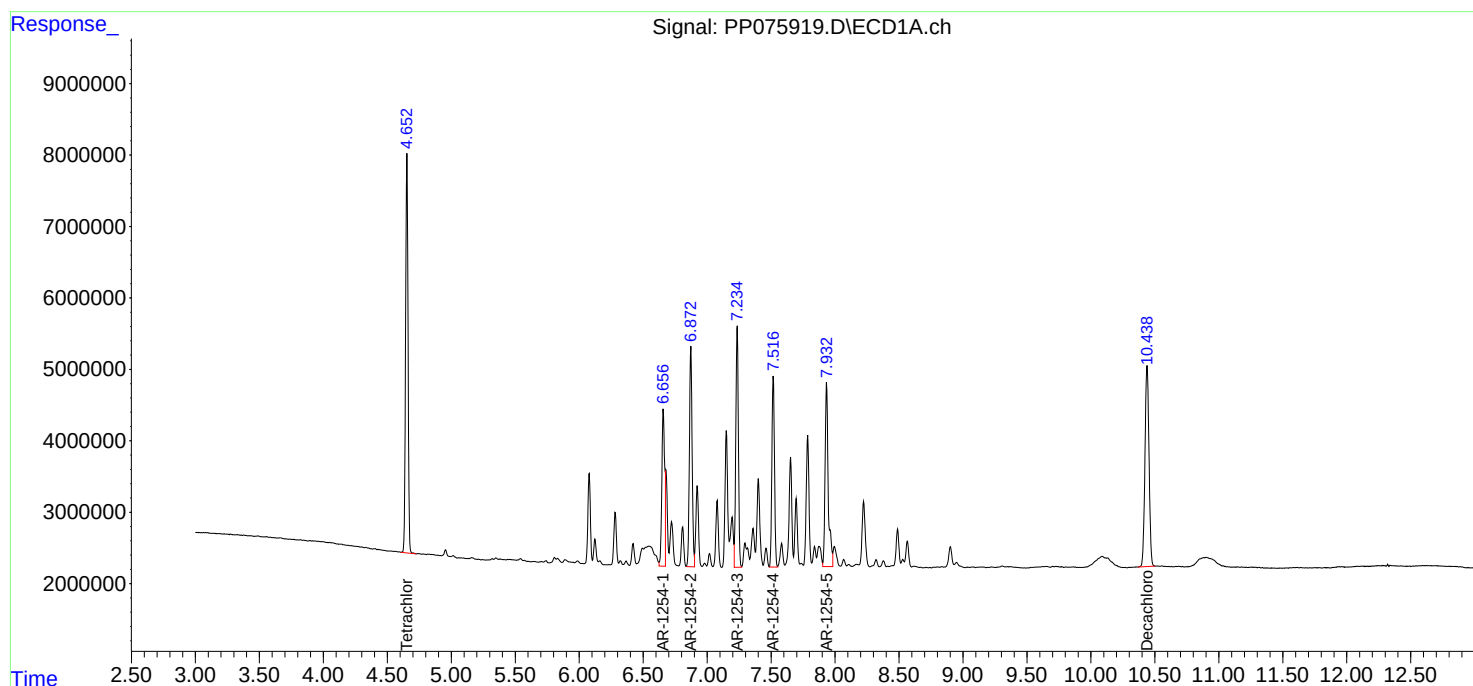
Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP102125AR1254

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 22 09:02:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 18:24:24 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
 Data File : PP075920.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Oct 2025 09:07  
 Operator : YP\AJ  
 Sample : AR1268ICV500  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP102125AR1268

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 15:40:49 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 24 15:38:49 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.648  | 3.782 | 80645176 | 382.7E6  | 50.921  | 52.402  |
| 2) SA Decachlor...          | 10.430 | 8.784 | 112.8E6  | 913.8E6  | 52.199  | 55.404  |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.881  | 7.671 | 106.5E6  | 989.5E6  | 515.825 | 546.466 |
| 42) L9 AR-1268-2            | 8.976  | 7.736 | 98184801 | 960.8E6  | 521.533 | 553.714 |
| 43) L9 AR-1268-3            | 9.216  | 7.942 | 81566200 | 749.4E6  | 525.609 | 548.157 |
| 44) L9 AR-1268-4            | 9.645  | 8.228 | 39672536 | 280.8E6  | 504.438 | 542.576 |
| 45) L9 AR-1268-5            | 10.076 | 8.525 | 246.0E6  | 2111.9E6 | 512.030 | 559.930 |
| -----                       |        |       |          |          |         |         |

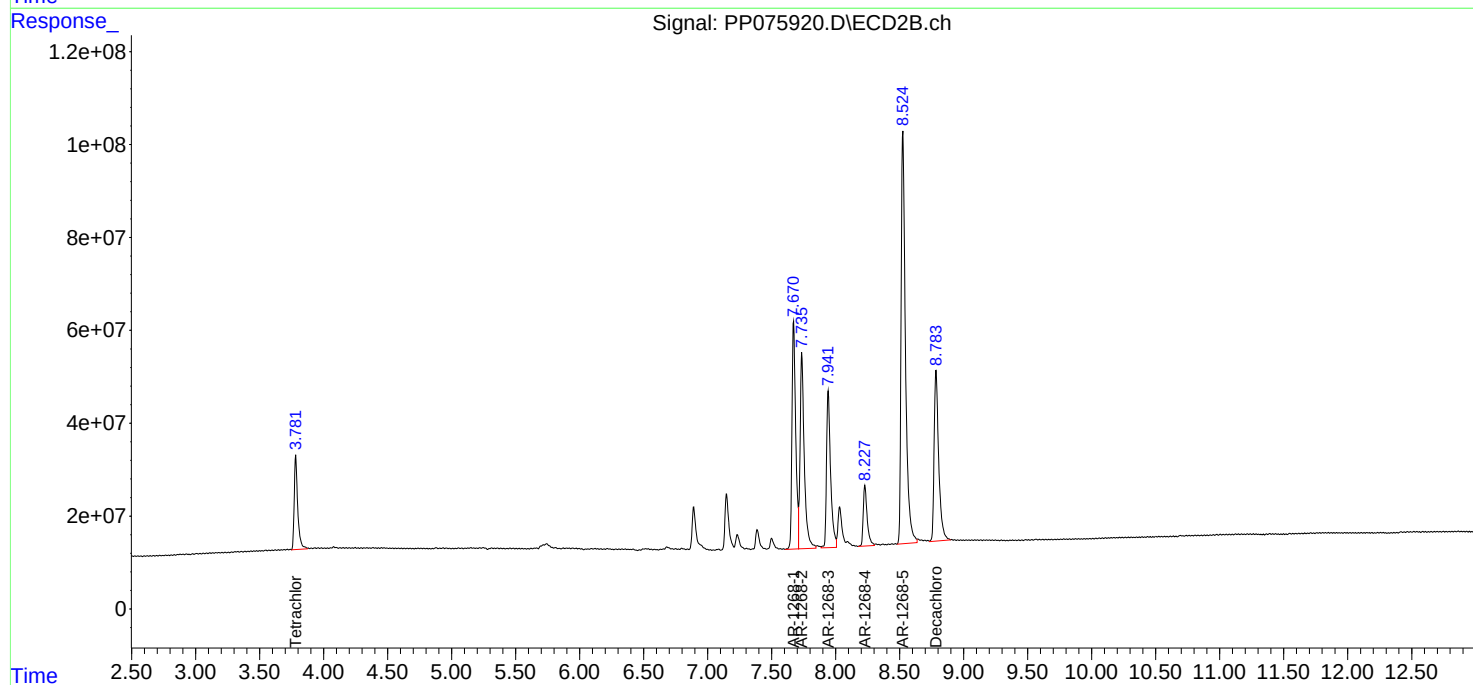
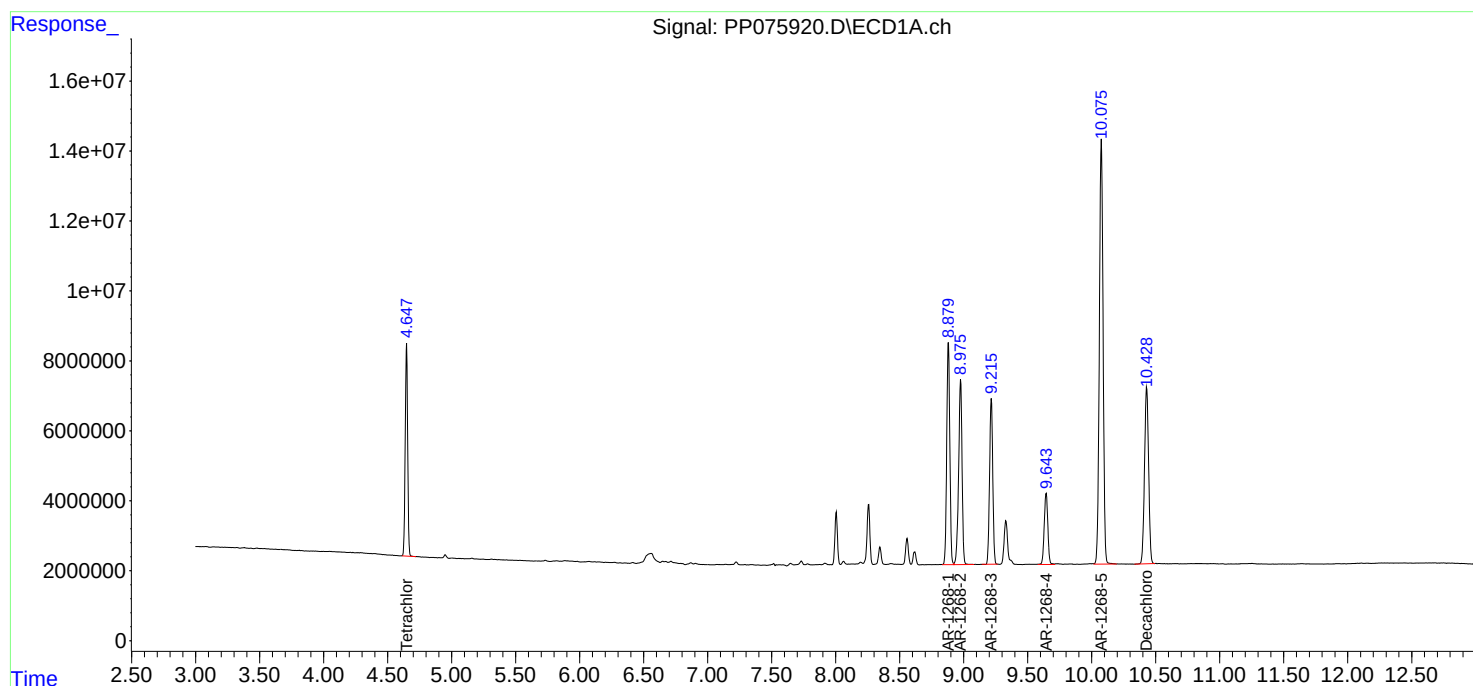
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075920.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2025 09:07  
Operator : YP\AJ  
Sample : AR1268ICV500  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP102125AR1268

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 15:40:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 24 15:38:49 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

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

Continuing Calib Time: 09:45

Initial Calibration Time(s): 14:14 22:29

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.50       | 5.49      | 5.39      | 5.59  | -0.01      |
| Aroclor-1016-2       | (2) | 5.52       | 5.51      | 5.41      | 5.61  | -0.01      |
| Aroclor-1016-3       | (3) | 5.58       | 5.58      | 5.48      | 5.68  | 0.00       |
| Aroclor-1016-4       | (4) | 5.68       | 5.67      | 5.57      | 5.77  | -0.01      |
| Aroclor-1016-5       | (5) | 5.97       | 5.96      | 5.86      | 6.06  | -0.01      |
| Aroclor-1260-1       | (1) | 7.08       | 7.08      | 6.98      | 7.18  | 0.00       |
| Aroclor-1260-2       | (2) | 7.34       | 7.33      | 7.23      | 7.43  | -0.01      |
| Aroclor-1260-3       | (3) | 7.70       | 7.69      | 7.59      | 7.79  | -0.01      |
| Aroclor-1260-4       | (4) | 7.92       | 7.91      | 7.81      | 8.01  | -0.01      |
| Aroclor-1260-5       | (5) | 8.22       | 8.21      | 8.11      | 8.31  | -0.01      |
| Tetrachloro-m-xylene |     | 4.36       | 4.36      | 4.26      | 4.46  | 0.00       |
| Decachlorobiphenyl   |     | 9.95       | 9.93      | 9.83      | 10.03 | -0.02      |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

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

Continuing Calib Time: 09:45

Initial Calibration Time(s): 14:14 22:29

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.73       | 4.74      | 4.64      | 4.84 | 0.01       |
| Aroclor-1016-2       | (2) | 4.75       | 4.76      | 4.66      | 4.86 | 0.01       |
| Aroclor-1016-3       | (3) | 4.93       | 4.94      | 4.84      | 5.04 | 0.01       |
| Aroclor-1016-4       | (4) | 4.97       | 4.98      | 4.88      | 5.08 | 0.01       |
| Aroclor-1016-5       | (5) | 5.18       | 5.19      | 5.09      | 5.29 | 0.01       |
| Aroclor-1260-1       | (1) | 6.22       | 6.23      | 6.13      | 6.33 | 0.01       |
| Aroclor-1260-2       | (2) | 6.40       | 6.41      | 6.31      | 6.51 | 0.01       |
| Aroclor-1260-3       | (3) | 6.56       | 6.57      | 6.47      | 6.67 | 0.01       |
| Aroclor-1260-4       | (4) | 7.03       | 7.04      | 6.94      | 7.14 | 0.01       |
| Aroclor-1260-5       | (5) | 7.27       | 7.28      | 7.18      | 7.38 | 0.01       |
| Tetrachloro-m-xylene |     | 3.65       | 3.66      | 3.56      | 3.76 | 0.01       |
| Decachlorobiphenyl   |     | 8.66       | 8.67      | 8.57      | 8.77 | 0.02       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** REMI02  
**Lab Code:** ACE **SDG NO.:** Q3495  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 10/31/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO114798.D **Time Analyzed:** 09:45

| COMPOUND             | RT    | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|--------|--------------------|-------------------|------|
|                      |       | FROM      | TO     |                    |                   |      |
| Aroclor-1016-1       | 5.498 | 5.392     | 5.592  | 549.210            | 500.000           | 9.8  |
| Aroclor-1016-2       | 5.519 | 5.414     | 5.614  | 512.000            | 500.000           | 2.4  |
| Aroclor-1016-3       | 5.581 | 5.476     | 5.676  | 518.270            | 500.000           | 3.7  |
| Aroclor-1016-4       | 5.677 | 5.571     | 5.771  | 544.470            | 500.000           | 8.9  |
| Aroclor-1016-5       | 5.968 | 5.863     | 6.063  | 545.780            | 500.000           | 9.2  |
| Aroclor-1260-1       | 7.084 | 6.975     | 7.175  | 533.290            | 500.000           | 6.7  |
| Aroclor-1260-2       | 7.337 | 7.229     | 7.429  | 537.580            | 500.000           | 7.5  |
| Aroclor-1260-3       | 7.695 | 7.585     | 7.785  | 482.040            | 500.000           | -3.6 |
| Aroclor-1260-4       | 7.917 | 7.807     | 8.007  | 513.500            | 500.000           | 2.7  |
| Aroclor-1260-5       | 8.224 | 8.113     | 8.313  | 496.810            | 500.000           | -0.6 |
| Decachlorobiphenyl   | 9.954 | 9.834     | 10.034 | 49.130             | 50.000            | -1.7 |
| Tetrachloro-m-xylene | 4.358 | 4.255     | 4.455  | 52.190             | 50.000            | 4.4  |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** REMI02  
**Lab Code:** ACE **SDG NO.:** Q3495  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 10/31/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO114798.D **Time Analyzed:** 09:45

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 4.734 | 4.643     | 4.843 | 449.460            | 500.000           | -10.1 |
| Aroclor-1016-2       | 4.753 | 4.662     | 4.862 | 449.990            | 500.000           | -10.0 |
| Aroclor-1016-3       | 4.928 | 4.836     | 5.036 | 472.290            | 500.000           | -5.5  |
| Aroclor-1016-4       | 4.970 | 4.879     | 5.079 | 481.220            | 500.000           | -3.8  |
| Aroclor-1016-5       | 5.183 | 5.092     | 5.292 | 477.330            | 500.000           | -4.5  |
| Aroclor-1260-1       | 6.215 | 6.125     | 6.325 | 501.650            | 500.000           | 0.3   |
| Aroclor-1260-2       | 6.403 | 6.313     | 6.513 | 514.710            | 500.000           | 2.9   |
| Aroclor-1260-3       | 6.556 | 6.466     | 6.666 | 481.740            | 500.000           | -3.7  |
| Aroclor-1260-4       | 7.027 | 6.939     | 7.139 | 548.660            | 500.000           | 9.7   |
| Aroclor-1260-5       | 7.268 | 7.179     | 7.379 | 543.930            | 500.000           | 8.8   |
| Decachlorobiphenyl   | 8.655 | 8.571     | 8.771 | 49.810             | 50.000            | -0.4  |
| Tetrachloro-m-xylene | 3.654 | 3.560     | 3.760 | 44.200             | 50.000            | -11.6 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
 Data File : PO114798.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2025 09:45  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 12:04:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 02:40:25 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.358 | 3.654 | 283.4E6  | 176.9E6  | 52.194  | 44.195  |
| 2) SA Decachlor...          | 9.954 | 8.655 | 178.9E6  | 166.0E6  | 49.126  | 49.810  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.498 | 4.734 | 99055086 | 75682092 | 549.215 | 449.460 |
| 4) L1 AR-1016-2             | 5.519 | 4.753 | 155.8E6  | 108.9E6  | 512.000 | 449.991 |
| 5) L1 AR-1016-3             | 5.581 | 4.928 | 91657235 | 58637088 | 518.270 | 472.295 |
| 6) L1 AR-1016-4             | 5.677 | 4.970 | 74894030 | 46449683 | 544.468 | 481.217 |
| 7) L1 AR-1016-5             | 5.968 | 5.183 | 68912940 | 61029524 | 545.778 | 477.332 |
| 31) L7 AR-1260-1            | 7.084 | 6.215 | 116.2E6  | 118.1E6  | 533.289 | 501.646 |
| 32) L7 AR-1260-2            | 7.337 | 6.403 | 165.8E6  | 172.1E6  | 537.583 | 514.710 |
| 33) L7 AR-1260-3            | 7.695 | 6.556 | 123.6E6  | 142.1E6  | 482.043 | 481.744 |
| 34) L7 AR-1260-4            | 7.917 | 7.027 | 119.6E6  | 122.3E6  | 513.496 | 548.665 |
| 35) L7 AR-1260-5            | 8.224 | 7.268 | 288.2E6  | 333.4E6  | 496.814 | 543.933 |
| -----                       |       |       |          |          |         |         |

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

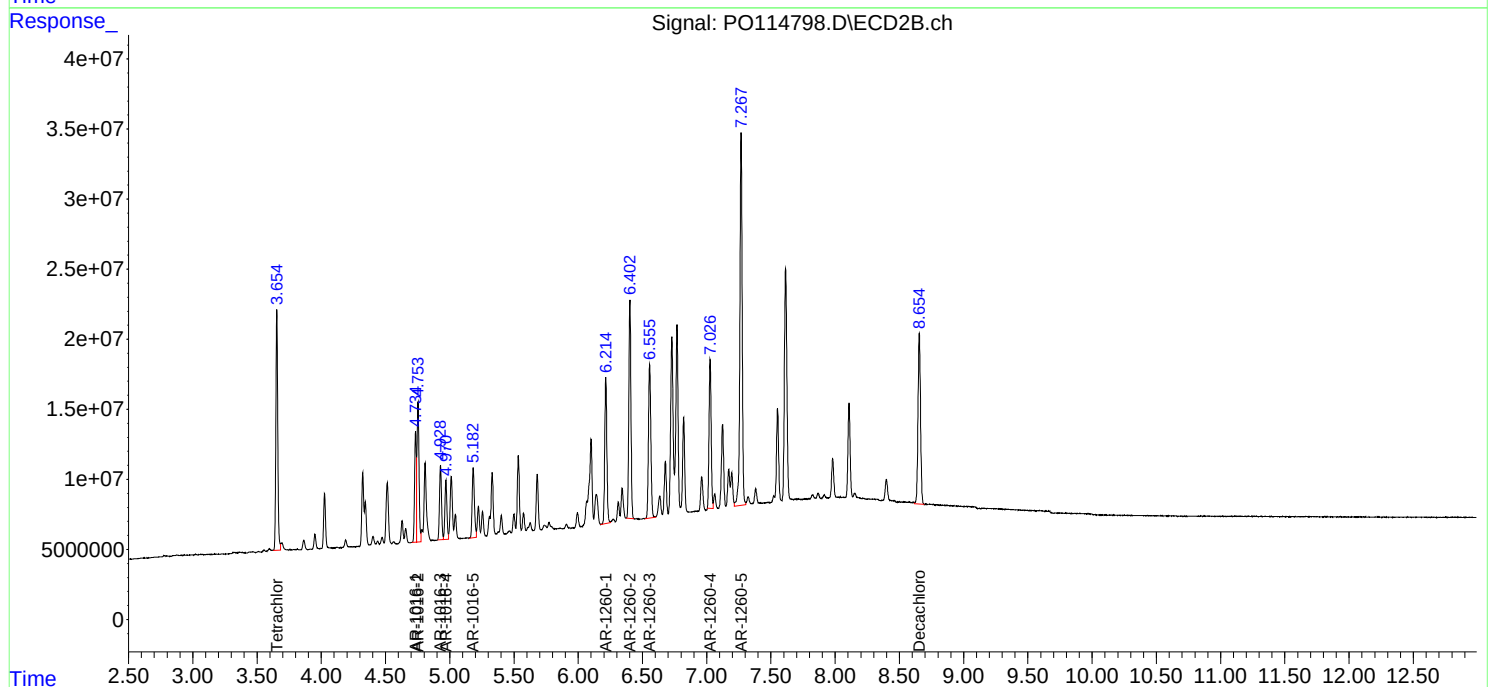
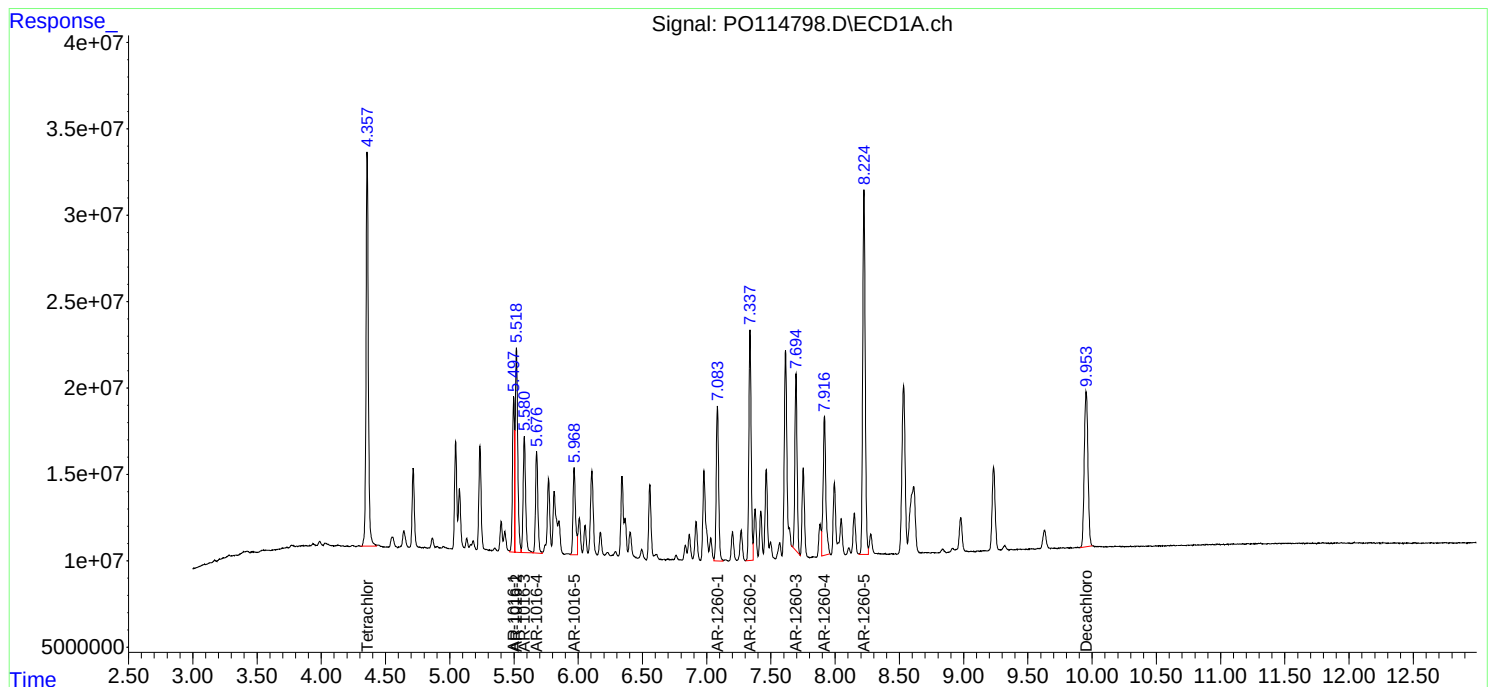


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
Data File : PO114798.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 09:45  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 12:04:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 02:40:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

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

Continuing Calib Time: 15:59

Initial Calibration Time(s): 14:14 22:29

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.49       | 5.49      | 5.39      | 5.59  | 0.00       |
| Aroclor-1016-2       | (2) | 5.51       | 5.51      | 5.41      | 5.61  | 0.00       |
| Aroclor-1016-3       | (3) | 5.57       | 5.58      | 5.48      | 5.68  | 0.01       |
| Aroclor-1016-4       | (4) | 5.67       | 5.67      | 5.57      | 5.77  | 0.00       |
| Aroclor-1016-5       | (5) | 5.96       | 5.96      | 5.86      | 6.06  | 0.00       |
| Aroclor-1260-1       | (1) | 7.08       | 7.08      | 6.98      | 7.18  | 0.01       |
| Aroclor-1260-2       | (2) | 7.33       | 7.33      | 7.23      | 7.43  | 0.00       |
| Aroclor-1260-3       | (3) | 7.69       | 7.69      | 7.59      | 7.79  | 0.00       |
| Aroclor-1260-4       | (4) | 7.91       | 7.91      | 7.81      | 8.01  | 0.00       |
| Aroclor-1260-5       | (5) | 8.22       | 8.21      | 8.11      | 8.31  | -0.01      |
| Tetrachloro-m-xylene |     | 4.35       | 4.36      | 4.26      | 4.46  | 0.01       |
| Decachlorobiphenyl   |     | 9.94       | 9.93      | 9.83      | 10.03 | -0.01      |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

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

Continuing Calib Time: 15:59

Initial Calibration Time(s): 14:14 22:29

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.73       | 4.74      | 4.64      | 4.84 | 0.01       |
| Aroclor-1016-2       | (2) | 4.75       | 4.76      | 4.66      | 4.86 | 0.01       |
| Aroclor-1016-3       | (3) | 4.93       | 4.94      | 4.84      | 5.04 | 0.01       |
| Aroclor-1016-4       | (4) | 4.97       | 4.98      | 4.88      | 5.08 | 0.01       |
| Aroclor-1016-5       | (5) | 5.18       | 5.19      | 5.09      | 5.29 | 0.01       |
| Aroclor-1260-1       | (1) | 6.21       | 6.23      | 6.13      | 6.33 | 0.02       |
| Aroclor-1260-2       | (2) | 6.40       | 6.41      | 6.31      | 6.51 | 0.01       |
| Aroclor-1260-3       | (3) | 6.55       | 6.57      | 6.47      | 6.67 | 0.02       |
| Aroclor-1260-4       | (4) | 7.02       | 7.04      | 6.94      | 7.14 | 0.02       |
| Aroclor-1260-5       | (5) | 7.26       | 7.28      | 7.18      | 7.38 | 0.02       |
| Tetrachloro-m-xylene |     | 3.65       | 3.66      | 3.56      | 3.76 | 0.01       |
| Decachlorobiphenyl   |     | 8.65       | 8.67      | 8.57      | 8.77 | 0.02       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** REMI02  
**Lab Code:** ACE **SDG NO.:** Q3495  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 10/31/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO114813.D **Time Analyzed:** 15:59

| COMPOUND             | RT    | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|--------|--------------------|-------------------|------|
|                      |       | FROM      | TO     |                    |                   |      |
| Aroclor-1016-1       | 5.490 | 5.392     | 5.592  | 548.810            | 500.000           | 9.8  |
| Aroclor-1016-2       | 5.512 | 5.414     | 5.614  | 517.150            | 500.000           | 3.4  |
| Aroclor-1016-3       | 5.574 | 5.476     | 5.676  | 521.040            | 500.000           | 4.2  |
| Aroclor-1016-4       | 5.669 | 5.571     | 5.771  | 550.960            | 500.000           | 10.2 |
| Aroclor-1016-5       | 5.961 | 5.863     | 6.063  | 557.470            | 500.000           | 11.5 |
| Aroclor-1260-1       | 7.075 | 6.975     | 7.175  | 536.020            | 500.000           | 7.2  |
| Aroclor-1260-2       | 7.329 | 7.229     | 7.429  | 529.070            | 500.000           | 5.8  |
| Aroclor-1260-3       | 7.687 | 7.585     | 7.785  | 473.980            | 500.000           | -5.2 |
| Aroclor-1260-4       | 7.908 | 7.807     | 8.007  | 513.080            | 500.000           | 2.6  |
| Aroclor-1260-5       | 8.215 | 8.113     | 8.313  | 485.160            | 500.000           | -3.0 |
| Decachlorobiphenyl   | 9.938 | 9.834     | 10.034 | 48.450             | 50.000            | -3.1 |
| Tetrachloro-m-xylene | 4.351 | 4.255     | 4.455  | 52.720             | 50.000            | 5.4  |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** REMI02  
**Lab Code:** ACE **SDG NO.:** Q3495  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 10/31/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO114813.D **Time Analyzed:** 15:59

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 4.731 | 4.643     | 4.843 | 436.480            | 500.000           | -12.7 |
| Aroclor-1016-2       | 4.751 | 4.662     | 4.862 | 465.100            | 500.000           | -7.0  |
| Aroclor-1016-3       | 4.926 | 4.836     | 5.036 | 483.540            | 500.000           | -3.3  |
| Aroclor-1016-4       | 4.968 | 4.879     | 5.079 | 492.740            | 500.000           | -1.5  |
| Aroclor-1016-5       | 5.180 | 5.092     | 5.292 | 493.280            | 500.000           | -1.3  |
| Aroclor-1260-1       | 6.212 | 6.125     | 6.325 | 516.380            | 500.000           | 3.3   |
| Aroclor-1260-2       | 6.399 | 6.313     | 6.513 | 525.280            | 500.000           | 5.1   |
| Aroclor-1260-3       | 6.552 | 6.466     | 6.666 | 496.340            | 500.000           | -0.7  |
| Aroclor-1260-4       | 7.023 | 6.939     | 7.139 | 575.900            | 500.000           | 15.2  |
| Aroclor-1260-5       | 7.263 | 7.179     | 7.379 | 552.550            | 500.000           | 10.5  |
| Decachlorobiphenyl   | 8.649 | 8.571     | 8.771 | 50.390             | 50.000            | 0.8   |
| Tetrachloro-m-xylene | 3.653 | 3.560     | 3.760 | 45.610             | 50.000            | -8.8  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
 Data File : PO114813.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2025 15:59  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
**APPROVED**

Reviewed By :Rahul Chavli 11/03/2025  
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 16:25:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 02:40:25 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-------|-------|----------|----------|---------|----------|
| -----                       |       |       |          |          |         |          |
| System Monitoring Compounds |       |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.351 | 3.653 | 286.2E6  | 182.5E6  | 52.717  | 45.606   |
| 2) SA Decachlor...          | 9.938 | 8.649 | 176.4E6  | 168.0E6  | 48.445  | 50.394   |
| Target Compounds            |       |       |          |          |         |          |
| 3) L1 AR-1016-1             | 5.490 | 4.731 | 98982278 | 73496876 | 548.811 | 436.483m |
| 4) L1 AR-1016-2             | 5.512 | 4.751 | 157.4E6  | 112.6E6  | 517.154 | 465.099  |
| 5) L1 AR-1016-3             | 5.574 | 4.926 | 92147097 | 60033298 | 521.040 | 483.540  |
| 6) L1 AR-1016-4             | 5.669 | 4.968 | 75787318 | 47561472 | 550.962 | 492.735  |
| 7) L1 AR-1016-5             | 5.961 | 5.180 | 70389551 | 63068476 | 557.472 | 493.279  |
| 31) L7 AR-1260-1            | 7.075 | 6.212 | 116.8E6  | 121.6E6  | 536.019 | 516.376  |
| 32) L7 AR-1260-2            | 7.329 | 6.399 | 163.2E6  | 175.6E6  | 529.074 | 525.276  |
| 33) L7 AR-1260-3            | 7.687 | 6.552 | 121.6E6  | 146.4E6  | 473.980 | 496.338  |
| 34) L7 AR-1260-4            | 7.908 | 7.023 | 119.5E6  | 128.4E6  | 513.077 | 575.897m |
| 35) L7 AR-1260-5            | 8.215 | 7.263 | 281.5E6  | 338.7E6  | 485.162 | 552.551  |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
Data File : PO114813.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 15:59  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

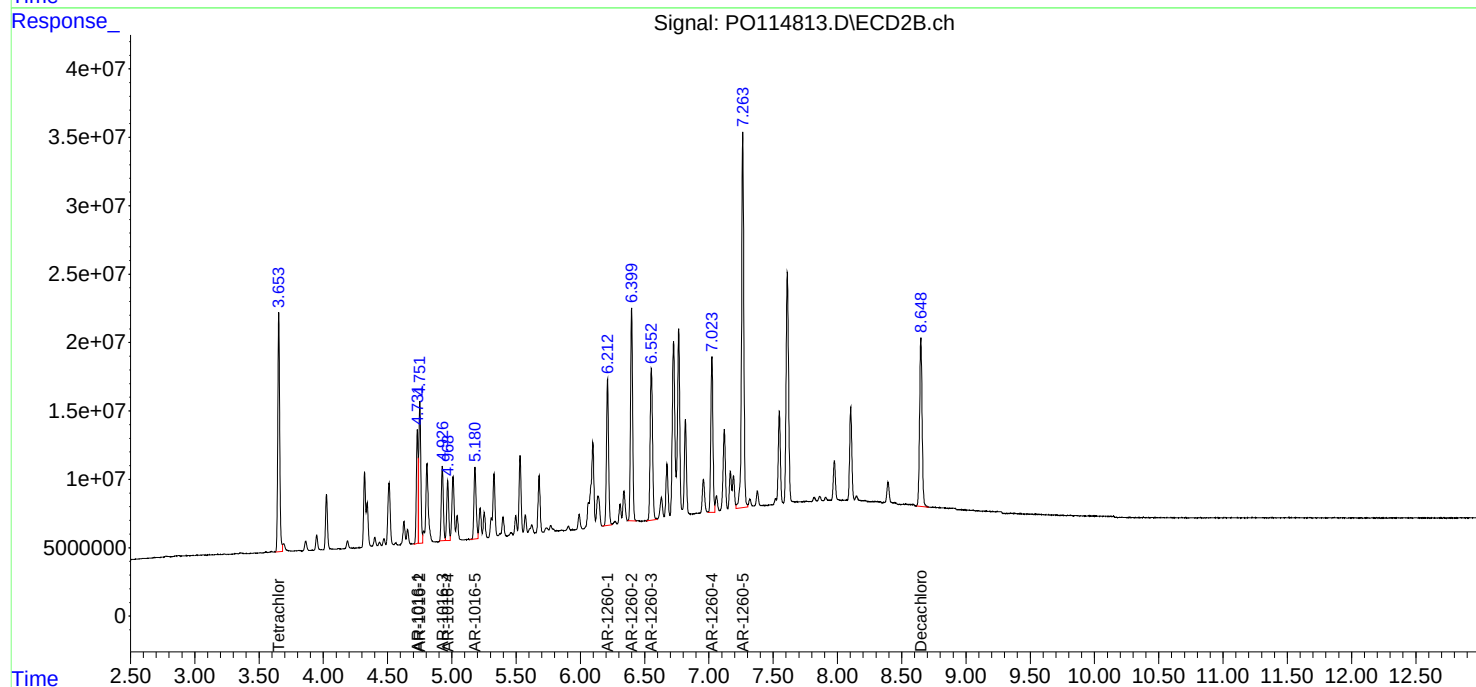
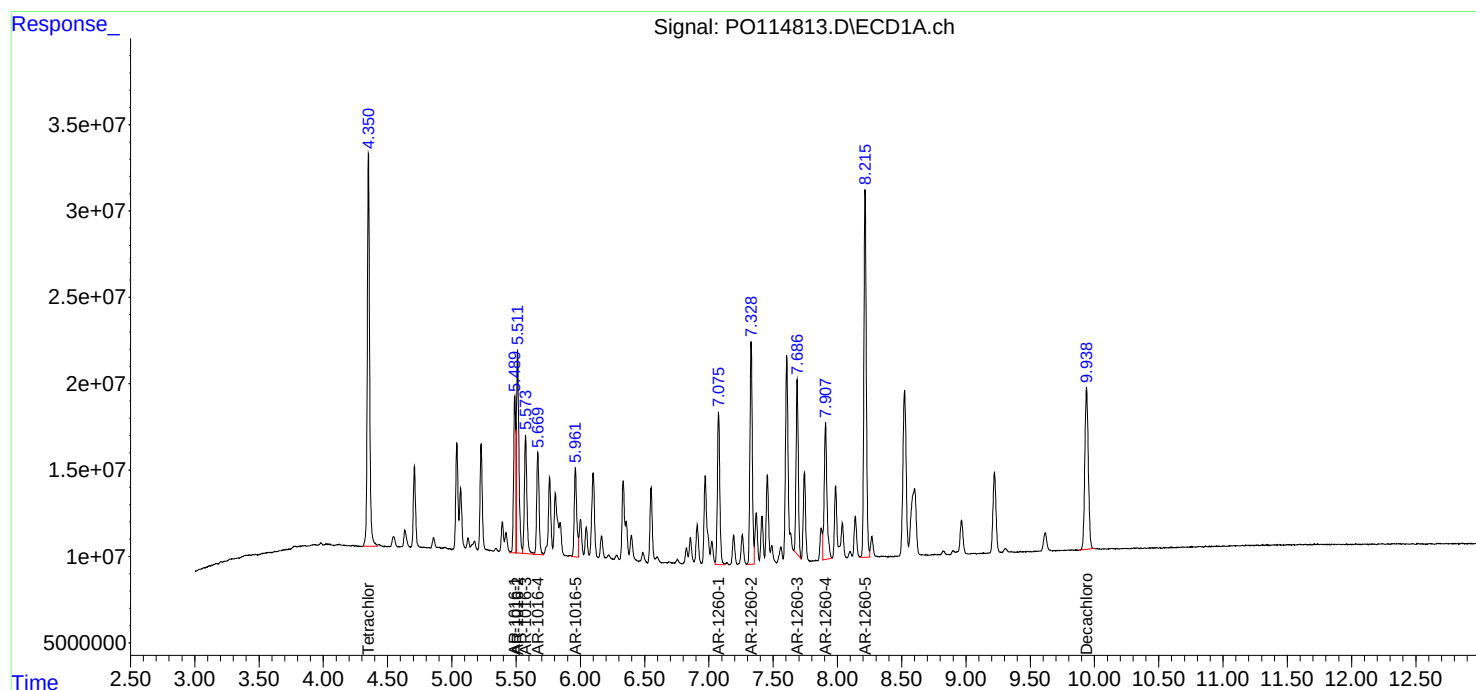
Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 16:25:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 02:40:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 16:04

Initial Calibration Time(s): 09:06 17:01

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.80       | 5.80      | 5.70      | 5.90  | 0.00       |
| Aroclor-1016-2       | (2) | 5.82       | 5.82      | 5.72      | 5.92  | 0.00       |
| Aroclor-1016-3       | (3) | 5.88       | 5.88      | 5.78      | 5.98  | 0.00       |
| Aroclor-1016-4       | (4) | 5.98       | 5.98      | 5.88      | 6.08  | 0.00       |
| Aroclor-1016-5       | (5) | 6.27       | 6.27      | 6.17      | 6.37  | 0.00       |
| Aroclor-1260-1       | (1) | 7.39       | 7.39      | 7.29      | 7.49  | 0.00       |
| Aroclor-1260-2       | (2) | 7.64       | 7.64      | 7.54      | 7.74  | 0.00       |
| Aroclor-1260-3       | (3) | 8.00       | 8.00      | 7.90      | 8.10  | 0.00       |
| Aroclor-1260-4       | (4) | 8.23       | 8.23      | 8.13      | 8.33  | 0.00       |
| Aroclor-1260-5       | (5) | 8.56       | 8.55      | 8.45      | 8.65  | -0.01      |
| Tetrachloro-m-xylene |     | 4.65       | 4.64      | 4.54      | 4.74  | -0.01      |
| Decachlorobiphenyl   |     | 10.43      | 10.42     | 10.32     | 10.52 | -0.01      |





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### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 16:04

Initial Calibration Time(s): 09:06 17:01

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.88       | 4.88      | 4.78      | 4.98 | 0.00       |
| Aroclor-1016-2       | (2) | 4.93       | 4.94      | 4.84      | 5.04 | 0.01       |
| Aroclor-1016-3       | (3) | 5.05       | 5.05      | 4.95      | 5.15 | 0.00       |
| Aroclor-1016-4       | (4) | 5.10       | 5.10      | 5.00      | 5.20 | 0.00       |
| Aroclor-1016-5       | (5) | 5.31       | 5.31      | 5.21      | 5.41 | 0.00       |
| Aroclor-1260-1       | (1) | 6.34       | 6.34      | 6.24      | 6.44 | 0.00       |
| Aroclor-1260-2       | (2) | 6.52       | 6.53      | 6.43      | 6.63 | 0.01       |
| Aroclor-1260-3       | (3) | 6.68       | 6.68      | 6.58      | 6.78 | 0.00       |
| Aroclor-1260-4       | (4) | 7.14       | 7.15      | 7.05      | 7.25 | 0.01       |
| Aroclor-1260-5       | (5) | 7.39       | 7.39      | 7.29      | 7.49 | 0.00       |
| Tetrachloro-m-xylene |     | 3.78       | 3.78      | 3.68      | 3.88 | 0.00       |
| Decachlorobiphenyl   |     | 8.78       | 8.78      | 8.68      | 8.88 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** REMI02  
**Lab Code:** ACE **SDG NO.:** Q3495  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 10/31/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP076256.D **Time Analyzed:** 16:04

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|-----------|--------|--------------------|-------------------|------|
|                      |        | FROM      | TO     |                    |                   |      |
| Aroclor-1016-1       | 5.799  | 5.695     | 5.895  | 549.220            | 500.000           | 9.8  |
| Aroclor-1016-2       | 5.820  | 5.717     | 5.917  | 531.540            | 500.000           | 6.3  |
| Aroclor-1016-3       | 5.883  | 5.780     | 5.980  | 536.190            | 500.000           | 7.2  |
| Aroclor-1016-4       | 5.980  | 5.877     | 6.077  | 544.310            | 500.000           | 8.9  |
| Aroclor-1016-5       | 6.272  | 6.169     | 6.369  | 534.530            | 500.000           | 6.9  |
| Aroclor-1260-1       | 7.391  | 7.287     | 7.487  | 567.910            | 500.000           | 13.6 |
| Aroclor-1260-2       | 7.644  | 7.540     | 7.740  | 539.900            | 500.000           | 8.0  |
| Aroclor-1260-3       | 8.002  | 7.899     | 8.099  | 557.630            | 500.000           | 11.5 |
| Aroclor-1260-4       | 8.230  | 8.127     | 8.327  | 589.830            | 500.000           | 18.0 |
| Aroclor-1260-5       | 8.556  | 8.452     | 8.652  | 540.380            | 500.000           | 8.1  |
| Decachlorobiphenyl   | 10.426 | 10.319    | 10.519 | 51.770             | 50.000            | 3.5  |
| Tetrachloro-m-xylene | 4.646  | 4.542     | 4.742  | 54.410             | 50.000            | 8.8  |



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### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/21/2025 10/21/2025

Client Sample No.: CCAL03 Date Analyzed: 10/31/2025

Lab Sample No.: AR1660CCC500 Data File : PP076256.D Time Analyzed: 16:04

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.876 | 4.778     | 4.978 | 532.760            | 500.000           | 6.6  |
| Aroclor-1016-2       | 4.934 | 4.836     | 5.036 | 531.330            | 500.000           | 6.3  |
| Aroclor-1016-3       | 5.054 | 4.954     | 5.154 | 503.330            | 500.000           | 0.7  |
| Aroclor-1016-4       | 5.096 | 4.996     | 5.196 | 550.210            | 500.000           | 10.0 |
| Aroclor-1016-5       | 5.310 | 5.210     | 5.410 | 499.130            | 500.000           | -0.2 |
| Aroclor-1260-1       | 6.337 | 6.238     | 6.438 | 542.710            | 500.000           | 8.5  |
| Aroclor-1260-2       | 6.523 | 6.425     | 6.625 | 546.460            | 500.000           | 9.3  |
| Aroclor-1260-3       | 6.678 | 6.578     | 6.778 | 557.640            | 500.000           | 11.5 |
| Aroclor-1260-4       | 7.144 | 7.047     | 7.247 | 552.050            | 500.000           | 10.4 |
| Aroclor-1260-5       | 7.387 | 7.287     | 7.487 | 561.460            | 500.000           | 12.3 |
| Decachlorobiphenyl   | 8.781 | 8.682     | 8.882 | 45.840             | 50.000            | -8.3 |
| Tetrachloro-m-xylene | 3.782 | 3.681     | 3.881 | 56.140             | 50.000            | 12.3 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP103125\  
 Data File : PP076256.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2025 16:04  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 23:22:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 24 15:40:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|---------|---------|----------|
| -----                       |        |       |          |         |         |          |
| System Monitoring Compounds |        |       |          |         |         |          |
| 1) SA Tetrachlo...          | 4.646  | 3.782 | 77761626 | 371.5E6 | 54.413  | 56.137   |
| 2) SA Decachlor...          | 10.426 | 8.781 | 55729081 | 376.9E6 | 51.767  | 45.840   |
| Target Compounds            |        |       |          |         |         |          |
| 3) L1 AR-1016-1             | 5.799  | 4.876 | 32473046 | 394.3E6 | 549.217 | 532.756  |
| 4) L1 AR-1016-2             | 5.820  | 4.934 | 47011189 | 181.7E6 | 531.536 | 531.329  |
| 5) L1 AR-1016-3             | 5.883  | 5.054 | 29678862 | 103.4E6 | 536.193 | 503.327  |
| 6) L1 AR-1016-4             | 5.980  | 5.096 | 24733543 | 102.8E6 | 544.310 | 550.211  |
| 7) L1 AR-1016-5             | 6.272  | 5.310 | 23201618 | 113.8E6 | 534.531 | 499.129  |
| 31) L7 AR-1260-1            | 7.391  | 6.337 | 39047274 | 297.2E6 | 567.906 | 542.707  |
| 32) L7 AR-1260-2            | 7.644  | 6.523 | 48363168 | 444.7E6 | 539.904 | 546.459  |
| 33) L7 AR-1260-3            | 8.002  | 6.678 | 38636301 | 313.8E6 | 557.631 | 557.639  |
| 34) L7 AR-1260-4            | 8.230  | 7.144 | 40445743 | 286.7E6 | 589.834 | 552.052m |
| 35) L7 AR-1260-5            | 8.556  | 7.387 | 79949802 | 761.1E6 | 540.378 | 561.457  |
| -----                       |        |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP103125\  
Data File : PP076256.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 16:04  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

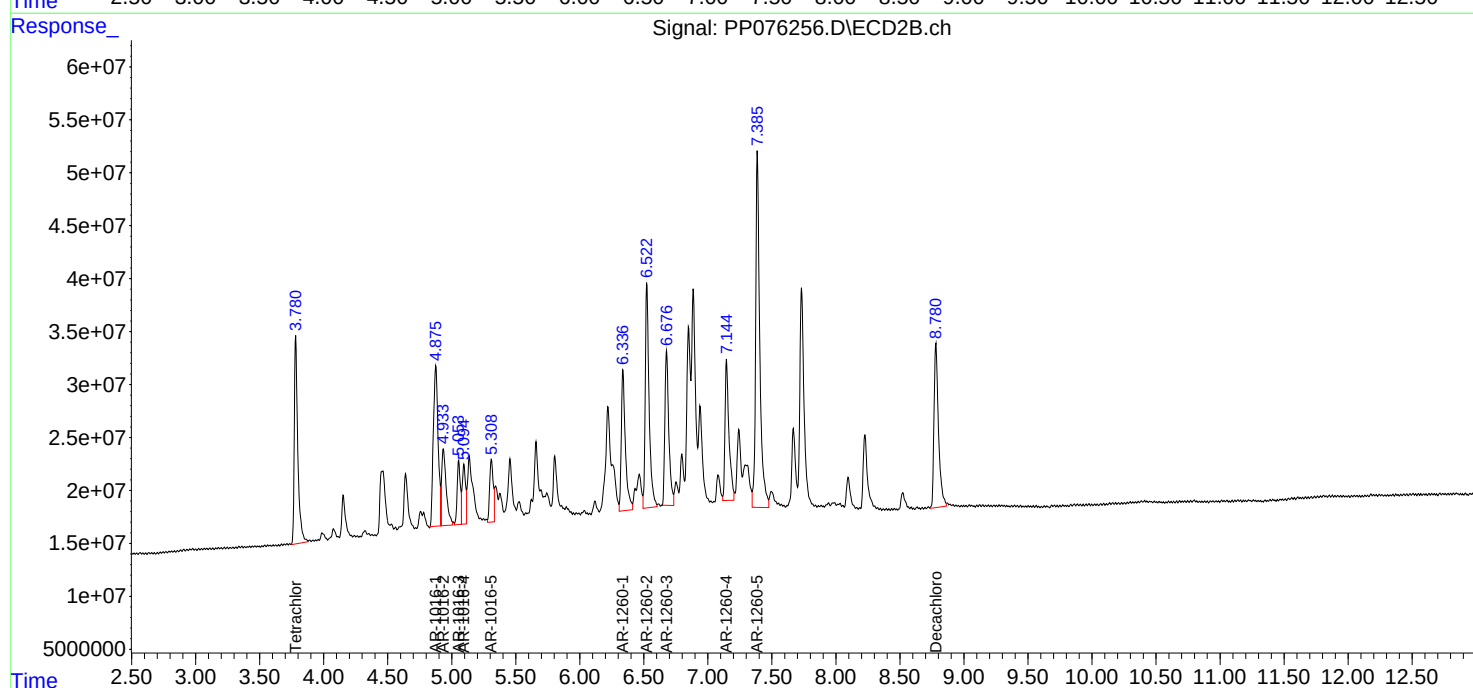
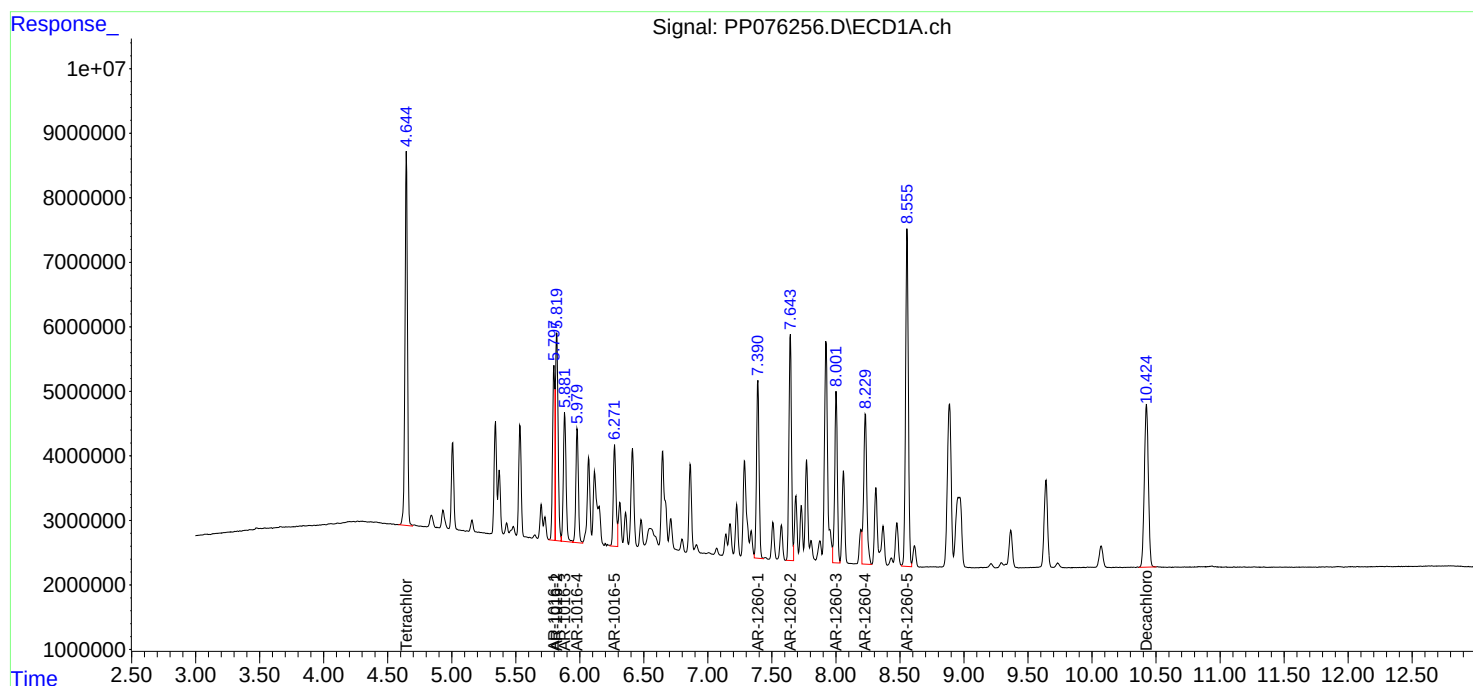
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 23:22:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 24 15:40:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 20:57

Initial Calibration Time(s): 09:06 17:01

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.80       | 5.80      | 5.70      | 5.90  | 0.00       |
| Aroclor-1016-2       | (2) | 5.82       | 5.82      | 5.72      | 5.92  | 0.00       |
| Aroclor-1016-3       | (3) | 5.88       | 5.88      | 5.78      | 5.98  | 0.00       |
| Aroclor-1016-4       | (4) | 5.98       | 5.98      | 5.88      | 6.08  | 0.00       |
| Aroclor-1016-5       | (5) | 6.27       | 6.27      | 6.17      | 6.37  | 0.00       |
| Aroclor-1260-1       | (1) | 7.39       | 7.39      | 7.29      | 7.49  | 0.00       |
| Aroclor-1260-2       | (2) | 7.64       | 7.64      | 7.54      | 7.74  | 0.00       |
| Aroclor-1260-3       | (3) | 8.00       | 8.00      | 7.90      | 8.10  | 0.00       |
| Aroclor-1260-4       | (4) | 8.23       | 8.23      | 8.13      | 8.33  | 0.00       |
| Aroclor-1260-5       | (5) | 8.56       | 8.55      | 8.45      | 8.65  | -0.01      |
| Tetrachloro-m-xylene |     | 4.65       | 4.64      | 4.54      | 4.74  | 0.00       |
| Decachlorobiphenyl   |     | 10.42      | 10.42     | 10.32     | 10.52 | 0.00       |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 20:57

Initial Calibration Time(s): 09:06 17:01

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.88       | 4.88      | 4.78      | 4.98 | 0.00       |
| Aroclor-1016-2       | (2) | 4.93       | 4.94      | 4.84      | 5.04 | 0.01       |
| Aroclor-1016-3       | (3) | 5.05       | 5.05      | 4.95      | 5.15 | 0.00       |
| Aroclor-1016-4       | (4) | 5.09       | 5.10      | 5.00      | 5.20 | 0.01       |
| Aroclor-1016-5       | (5) | 5.31       | 5.31      | 5.21      | 5.41 | 0.00       |
| Aroclor-1260-1       | (1) | 6.34       | 6.34      | 6.24      | 6.44 | 0.00       |
| Aroclor-1260-2       | (2) | 6.52       | 6.53      | 6.43      | 6.63 | 0.01       |
| Aroclor-1260-3       | (3) | 6.68       | 6.68      | 6.58      | 6.78 | 0.00       |
| Aroclor-1260-4       | (4) | 7.14       | 7.15      | 7.05      | 7.25 | 0.01       |
| Aroclor-1260-5       | (5) | 7.39       | 7.39      | 7.29      | 7.49 | 0.00       |
| Tetrachloro-m-xylene |     | 3.78       | 3.78      | 3.68      | 3.88 | 0.00       |
| Decachlorobiphenyl   |     | 8.78       | 8.78      | 8.68      | 8.88 | 0.00       |



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

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** REMI02  
**Lab Code:** ACE **SDG NO.:** Q3495  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 10/31/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP076271.D **Time Analyzed:** 20:57

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|-----------|--------|--------------------|-------------------|------|
|                      |        | FROM      | TO     |                    |                   |      |
| Aroclor-1016-1       | 5.798  | 5.695     | 5.895  | 525.900            | 500.000           | 5.2  |
| Aroclor-1016-2       | 5.819  | 5.717     | 5.917  | 526.230            | 500.000           | 5.2  |
| Aroclor-1016-3       | 5.881  | 5.780     | 5.980  | 523.540            | 500.000           | 4.7  |
| Aroclor-1016-4       | 5.979  | 5.877     | 6.077  | 529.160            | 500.000           | 5.8  |
| Aroclor-1016-5       | 6.271  | 6.169     | 6.369  | 517.380            | 500.000           | 3.5  |
| Aroclor-1260-1       | 7.390  | 7.287     | 7.487  | 557.240            | 500.000           | 11.4 |
| Aroclor-1260-2       | 7.643  | 7.540     | 7.740  | 529.160            | 500.000           | 5.8  |
| Aroclor-1260-3       | 8.001  | 7.899     | 8.099  | 545.500            | 500.000           | 9.1  |
| Aroclor-1260-4       | 8.229  | 8.127     | 8.327  | 577.430            | 500.000           | 15.5 |
| Aroclor-1260-5       | 8.555  | 8.452     | 8.652  | 526.510            | 500.000           | 5.3  |
| Decachlorobiphenyl   | 10.423 | 10.319    | 10.519 | 50.300             | 50.000            | 0.6  |
| Tetrachloro-m-xylene | 4.645  | 4.542     | 4.742  | 53.750             | 50.000            | 7.5  |





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

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** REMI02  
**Lab Code:** ACE **SDG NO.:** Q3495  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 10/31/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP076271.D **Time Analyzed:** 20:57

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 4.876 | 4.778     | 4.978 | 532.360            | 500.000           | 6.5   |
| Aroclor-1016-2       | 4.933 | 4.836     | 5.036 | 519.120            | 500.000           | 3.8   |
| Aroclor-1016-3       | 5.054 | 4.954     | 5.154 | 468.650            | 500.000           | -6.3  |
| Aroclor-1016-4       | 5.093 | 4.996     | 5.196 | 569.830            | 500.000           | 14.0  |
| Aroclor-1016-5       | 5.308 | 5.210     | 5.410 | 488.380            | 500.000           | -2.3  |
| Aroclor-1260-1       | 6.336 | 6.238     | 6.438 | 525.820            | 500.000           | 5.2   |
| Aroclor-1260-2       | 6.522 | 6.425     | 6.625 | 535.740            | 500.000           | 7.1   |
| Aroclor-1260-3       | 6.675 | 6.578     | 6.778 | 554.600            | 500.000           | 10.9  |
| Aroclor-1260-4       | 7.144 | 7.047     | 7.247 | 597.580            | 500.000           | 19.5  |
| Aroclor-1260-5       | 7.385 | 7.287     | 7.487 | 554.130            | 500.000           | 10.8  |
| Decachlorobiphenyl   | 8.779 | 8.682     | 8.882 | 44.880             | 50.000            | -10.2 |
| Tetrachloro-m-xylene | 3.781 | 3.681     | 3.881 | 55.450             | 50.000            | 10.9  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP103125\  
 Data File : PP076271.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2025 20:57  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 23:27:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 24 15:40:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

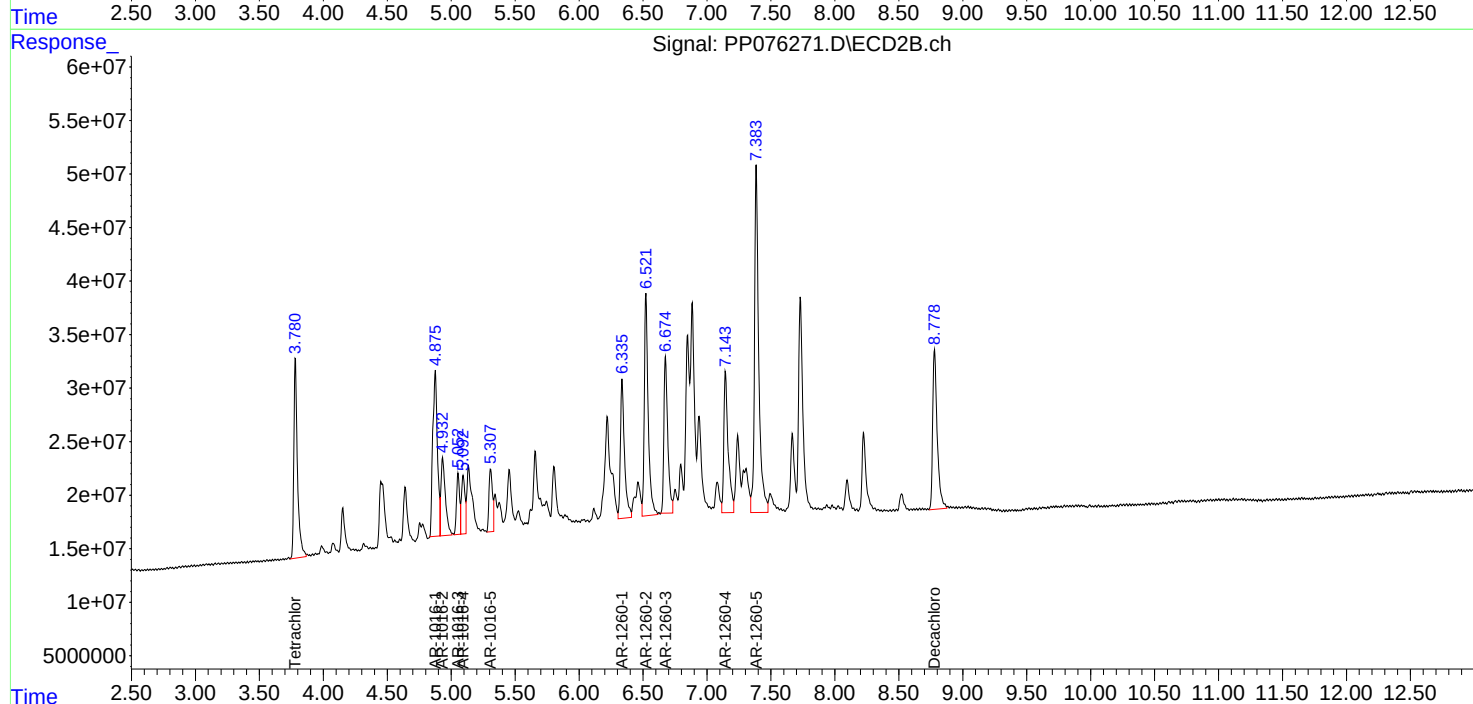
Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.645  | 3.781 | 76807876 | 367.0E6  | 53.746  | 55.454  |
| 2) SA Decachlor...          | 10.423 | 8.779 | 54144204 | 369.1E6  | 50.295  | 44.883  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.798  | 4.876 | 31094442 | 394.0E6  | 525.900 | 532.360 |
| 4) L1 AR-1016-2             | 5.819  | 4.933 | 46541761 | 177.5E6  | 526.228 | 519.115 |
| 5) L1 AR-1016-3             | 5.881  | 5.054 | 28978262 | 96234315 | 523.536 | 468.653 |
| 6) L1 AR-1016-4             | 5.979  | 5.093 | 24045136 | 106.5E6  | 529.160 | 569.830 |
| 7) L1 AR-1016-5             | 6.271  | 5.308 | 22457200 | 111.3E6  | 517.381 | 488.384 |
| 31) L7 AR-1260-1            | 7.390  | 6.336 | 38313648 | 288.0E6  | 557.236 | 525.820 |
| 32) L7 AR-1260-2            | 7.643  | 6.522 | 47400407 | 436.0E6  | 529.156 | 535.744 |
| 33) L7 AR-1260-3            | 8.001  | 6.675 | 37796081 | 312.1E6  | 545.504 | 554.598 |
| 34) L7 AR-1260-4            | 8.229  | 7.144 | 39595146 | 310.3E6  | 577.430 | 597.575 |
| 35) L7 AR-1260-5            | 8.555  | 7.385 | 77897600 | 751.2E6  | 526.507 | 554.133 |
| -----                       |        |       |          |          |         |         |

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

**Instrument :**  
ECD\_P  
**ClientSampleId :**  
AR1660CCC500

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



## Analytical Sequence

|                                       |                                                                 |
|---------------------------------------|-----------------------------------------------------------------|
| Client: Remington & Vernick Engineers | SDG No.: Q3495                                                  |
| Project: Maclearie Park               | Instrument ID: ECD_O                                            |
| GC Column: ZB-MR1                     | ID: 0.32 (mm)    Inst. Calib. Date(s): 10/09/2025    10/09/2025 |

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             | 10/09/2025       | 13:55            | PO114312.D | 9.93        | 4.36        |
| AR1660ICC1000 | AR1660ICC1000    | 10/09/2025       | 14:14            | PO114313.D | 9.93        | 4.36        |
| AR1660ICC750  | AR1660ICC750     | 10/09/2025       | 14:32            | PO114314.D | 9.93        | 4.36        |
| AR1660ICC500  | AR1660ICC500     | 10/09/2025       | 14:50            | PO114315.D | 9.93        | 4.36        |
| AR1660ICC250  | AR1660ICC250     | 10/09/2025       | 15:09            | PO114316.D | 9.93        | 4.36        |
| AR1660ICC050  | AR1660ICC050     | 10/09/2025       | 15:27            | PO114317.D | 9.93        | 4.36        |
| AR1221ICC500  | AR1221ICC500     | 10/09/2025       | 15:45            | PO114318.D | 9.93        | 4.36        |
| AR1232ICC500  | AR1232ICC500     | 10/09/2025       | 16:04            | PO114319.D | 9.93        | 4.36        |
| AR1242ICC1000 | AR1242ICC1000    | 10/09/2025       | 16:22            | PO114320.D | 9.93        | 4.36        |
| AR1242ICC750  | AR1242ICC750     | 10/09/2025       | 16:40            | PO114321.D | 9.93        | 4.36        |
| AR1242ICC500  | AR1242ICC500     | 10/09/2025       | 16:59            | PO114322.D | 9.93        | 4.36        |
| AR1242ICC250  | AR1242ICC250     | 10/09/2025       | 17:17            | PO114323.D | 9.93        | 4.36        |
| AR1242ICC050  | AR1242ICC050     | 10/09/2025       | 17:35            | PO114324.D | 9.93        | 4.36        |
| AR1248ICC1000 | AR1248ICC1000    | 10/09/2025       | 17:54            | PO114325.D | 9.93        | 4.36        |
| AR1248ICC750  | AR1248ICC750     | 10/09/2025       | 18:12            | PO114326.D | 9.93        | 4.36        |
| AR1248ICC500  | AR1248ICC500     | 10/09/2025       | 18:30            | PO114327.D | 9.93        | 4.36        |
| AR1248ICC250  | AR1248ICC250     | 10/09/2025       | 18:49            | PO114328.D | 9.93        | 4.36        |
| AR1248ICC050  | AR1248ICC050     | 10/09/2025       | 19:07            | PO114329.D | 9.93        | 4.36        |
| AR1254ICC1000 | AR1254ICC1000    | 10/09/2025       | 19:26            | PO114330.D | 9.93        | 4.36        |
| AR1254ICC750  | AR1254ICC750     | 10/09/2025       | 19:44            | PO114331.D | 9.93        | 4.36        |
| AR1254ICC500  | AR1254ICC500     | 10/09/2025       | 20:02            | PO114332.D | 9.93        | 4.36        |
| AR1254ICC250  | AR1254ICC250     | 10/09/2025       | 20:21            | PO114333.D | 9.93        | 4.36        |
| AR1254ICC050  | AR1254ICC050     | 10/09/2025       | 20:39            | PO114334.D | 9.93        | 4.36        |
| AR1262ICC500  | AR1262ICC500     | 10/09/2025       | 20:57            | PO114335.D | 9.93        | 4.36        |
| AR1268ICC1000 | AR1268ICC1000    | 10/09/2025       | 21:16            | PO114336.D | 9.93        | 4.36        |
| AR1268ICC750  | AR1268ICC750     | 10/09/2025       | 21:34            | PO114337.D | 9.93        | 4.36        |
| AR1268ICC500  | AR1268ICC500     | 10/09/2025       | 21:52            | PO114338.D | 9.93        | 4.36        |
| AR1268ICC250  | AR1268ICC250     | 10/09/2025       | 22:11            | PO114339.D | 9.93        | 4.36        |
| AR1268ICC050  | AR1268ICC050     | 10/09/2025       | 22:29            | PO114340.D | 9.93        | 4.36        |
| AR1660CCC500  | AR1660CCC500     | 10/31/2025       | 09:45            | PO114798.D | 9.95        | 4.36        |
| IBLK          | IBLK             | 10/31/2025       | 10:56            | PO114802.D | 9.94        | 4.35        |
| PB170339BL    | PB170339BL       | 10/31/2025       | 13:22            | PO114807.D | 9.95        | 4.35        |
| PB170339BS    | PB170339BS       | 10/31/2025       | 13:40            | PO114808.D | 9.94        | 4.35        |
| SB-1025-2     | Q3495-02         | 10/31/2025       | 13:58            | PO114809.D | 9.94        | 4.35        |
| SB-1025-2MS   | Q3495-02MS       | 10/31/2025       | 14:17            | PO114810.D | 9.94        | 4.35        |
| SB-1025-2MSD  | Q3495-02MSD      | 10/31/2025       | 14:35            | PO114811.D | 9.94        | 4.35        |
| AR1660CCC500  | AR1660CCC500     | 10/31/2025       | 15:59            | PO114813.D | 9.94        | 4.35        |
| IBLK          | IBLK             | 10/31/2025       | 17:10            | PO114817.D | 9.94        | 4.35        |
| IBLK          | IBLK             | 10/21/2025       | 08:49            | PP075887.D | 10.42       | 4.64        |
| AR1660ICC1000 | AR1660ICC1000    | 10/21/2025       | 09:06            | PP075888.D | 10.42       | 4.65        |
| AR1660ICC750  | AR1660ICC750     | 10/21/2025       | 09:22            | PP075889.D | 10.42       | 4.64        |
| AR1660ICC500  | AR1660ICC500     | 10/21/2025       | 09:38            | PP075890.D | 10.42       | 4.64        |

### Analytical Sequence

|               |               |            |       |            |       |      |
|---------------|---------------|------------|-------|------------|-------|------|
| AR1660ICC250  | AR1660ICC250  | 10/21/2025 | 09:54 | PP075891.D | 10.42 | 4.65 |
| AR1660ICC050  | AR1660ICC050  | 10/21/2025 | 10:11 | PP075892.D | 10.42 | 4.65 |
| AR1221ICC500  | AR1221ICC500  | 10/21/2025 | 10:27 | PP075893.D | 10.42 | 4.64 |
| AR1232ICC500  | AR1232ICC500  | 10/21/2025 | 10:43 | PP075894.D | 10.42 | 4.64 |
| AR1242ICC1000 | AR1242ICC1000 | 10/21/2025 | 10:59 | PP075895.D | 10.42 | 4.65 |
| AR1242ICC750  | AR1242ICC750  | 10/21/2025 | 11:16 | PP075896.D | 10.42 | 4.64 |
| AR1242ICC500  | AR1242ICC500  | 10/21/2025 | 11:48 | PP075897.D | 10.42 | 4.65 |
| AR1242ICC250  | AR1242ICC250  | 10/21/2025 | 12:04 | PP075898.D | 10.42 | 4.65 |
| AR1242ICC050  | AR1242ICC050  | 10/21/2025 | 12:21 | PP075899.D | 10.42 | 4.65 |
| AR1248ICC1000 | AR1248ICC1000 | 10/21/2025 | 12:41 | PP075900.D | 10.43 | 4.65 |
| AR1248ICC750  | AR1248ICC750  | 10/21/2025 | 12:57 | PP075901.D | 10.42 | 4.64 |
| AR1248ICC500  | AR1248ICC500  | 10/21/2025 | 13:13 | PP075902.D | 10.42 | 4.65 |
| AR1248ICC250  | AR1248ICC250  | 10/21/2025 | 13:30 | PP075903.D | 10.42 | 4.65 |
| AR1248ICC050  | AR1248ICC050  | 10/21/2025 | 13:46 | PP075904.D | 10.42 | 4.65 |
| AR1254ICC1000 | AR1254ICC1000 | 10/21/2025 | 14:02 | PP075905.D | 10.42 | 4.65 |
| AR1254ICC750  | AR1254ICC750  | 10/21/2025 | 14:18 | PP075906.D | 10.42 | 4.64 |
| AR1254ICC500  | AR1254ICC500  | 10/21/2025 | 14:35 | PP075907.D | 10.42 | 4.65 |
| AR1254ICC250  | AR1254ICC250  | 10/21/2025 | 14:51 | PP075908.D | 10.42 | 4.65 |
| AR1254ICC050  | AR1254ICC050  | 10/21/2025 | 15:07 | PP075909.D | 10.42 | 4.64 |
| AR1262ICC500  | AR1262ICC500  | 10/21/2025 | 15:40 | PP075910.D | 10.43 | 4.65 |
| AR1268ICC1000 | AR1268ICC1000 | 10/21/2025 | 15:56 | PP075911.D | 10.42 | 4.65 |
| AR1268ICC750  | AR1268ICC750  | 10/21/2025 | 16:12 | PP075912.D | 10.42 | 4.65 |
| AR1268ICC500  | AR1268ICC500  | 10/21/2025 | 16:29 | PP075913.D | 10.42 | 4.65 |
| AR1268ICC250  | AR1268ICC250  | 10/21/2025 | 16:45 | PP075914.D | 10.43 | 4.65 |
| AR1268ICC050  | AR1268ICC050  | 10/21/2025 | 17:01 | PP075915.D | 10.42 | 4.65 |
| AR1660CCC500  | AR1660CCC500  | 10/31/2025 | 16:04 | PP076256.D | 10.43 | 4.65 |
| IBLK          | IBLK          | 10/31/2025 | 17:09 | PP076260.D | 10.42 | 4.64 |
| PB170347BL    | PB170347BL    | 10/31/2025 | 17:26 | PP076261.D | 10.42 | 4.64 |
| PB170347BS    | PB170347BS    | 10/31/2025 | 17:42 | PP076262.D | 10.42 | 4.65 |
| PB170347BSD   | PB170347BSD   | 10/31/2025 | 17:58 | PP076263.D | 10.42 | 4.64 |
| TW-1025-1     | Q3495-03      | 10/31/2025 | 18:47 | PP076266.D | 10.42 | 4.65 |
| AR1660CCC500  | AR1660CCC500  | 10/31/2025 | 20:57 | PP076271.D | 10.42 | 4.65 |
| IBLK          | IBLK          | 10/31/2025 | 22:34 | PP076275.D | 10.42 | 4.65 |

## Analytical Sequence

|                                       |                                                                 |
|---------------------------------------|-----------------------------------------------------------------|
| Client: Remington & Vernick Engineers | SDG No.: Q3495                                                  |
| Project: Maclearie Park               | Instrument ID: ECD_O                                            |
| GC Column: ZB-MR2                     | ID: 0.32 (mm)    Inst. Calib. Date(s): 10/09/2025    10/09/2025 |

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             | 10/09/2025       | 13:55            | PO114312.D | 8.67        | 3.66        |
| AR1660ICC1000 | AR1660ICC1000    | 10/09/2025       | 14:14            | PO114313.D | 8.67        | 3.66        |
| AR1660ICC750  | AR1660ICC750     | 10/09/2025       | 14:32            | PO114314.D | 8.67        | 3.66        |
| AR1660ICC500  | AR1660ICC500     | 10/09/2025       | 14:50            | PO114315.D | 8.67        | 3.66        |
| AR1660ICC250  | AR1660ICC250     | 10/09/2025       | 15:09            | PO114316.D | 8.67        | 3.66        |
| AR1660ICC050  | AR1660ICC050     | 10/09/2025       | 15:27            | PO114317.D | 8.67        | 3.66        |
| AR1221ICC500  | AR1221ICC500     | 10/09/2025       | 15:45            | PO114318.D | 8.67        | 3.66        |
| AR1232ICC500  | AR1232ICC500     | 10/09/2025       | 16:04            | PO114319.D | 8.67        | 3.66        |
| AR1242ICC1000 | AR1242ICC1000    | 10/09/2025       | 16:22            | PO114320.D | 8.67        | 3.66        |
| AR1242ICC750  | AR1242ICC750     | 10/09/2025       | 16:40            | PO114321.D | 8.67        | 3.66        |
| AR1242ICC500  | AR1242ICC500     | 10/09/2025       | 16:59            | PO114322.D | 8.67        | 3.66        |
| AR1242ICC250  | AR1242ICC250     | 10/09/2025       | 17:17            | PO114323.D | 8.67        | 3.66        |
| AR1242ICC050  | AR1242ICC050     | 10/09/2025       | 17:35            | PO114324.D | 8.67        | 3.66        |
| AR1248ICC1000 | AR1248ICC1000    | 10/09/2025       | 17:54            | PO114325.D | 8.67        | 3.66        |
| AR1248ICC750  | AR1248ICC750     | 10/09/2025       | 18:12            | PO114326.D | 8.67        | 3.66        |
| AR1248ICC500  | AR1248ICC500     | 10/09/2025       | 18:30            | PO114327.D | 8.67        | 3.66        |
| AR1248ICC250  | AR1248ICC250     | 10/09/2025       | 18:49            | PO114328.D | 8.67        | 3.66        |
| AR1248ICC050  | AR1248ICC050     | 10/09/2025       | 19:07            | PO114329.D | 8.67        | 3.66        |
| AR1254ICC1000 | AR1254ICC1000    | 10/09/2025       | 19:26            | PO114330.D | 8.67        | 3.66        |
| AR1254ICC750  | AR1254ICC750     | 10/09/2025       | 19:44            | PO114331.D | 8.67        | 3.66        |
| AR1254ICC500  | AR1254ICC500     | 10/09/2025       | 20:02            | PO114332.D | 8.67        | 3.66        |
| AR1254ICC250  | AR1254ICC250     | 10/09/2025       | 20:21            | PO114333.D | 8.67        | 3.66        |
| AR1254ICC050  | AR1254ICC050     | 10/09/2025       | 20:39            | PO114334.D | 8.67        | 3.66        |
| AR1262ICC500  | AR1262ICC500     | 10/09/2025       | 20:57            | PO114335.D | 8.67        | 3.66        |
| AR1268ICC1000 | AR1268ICC1000    | 10/09/2025       | 21:16            | PO114336.D | 8.67        | 3.66        |
| AR1268ICC750  | AR1268ICC750     | 10/09/2025       | 21:34            | PO114337.D | 8.67        | 3.66        |
| AR1268ICC500  | AR1268ICC500     | 10/09/2025       | 21:52            | PO114338.D | 8.67        | 3.66        |
| AR1268ICC250  | AR1268ICC250     | 10/09/2025       | 22:11            | PO114339.D | 8.67        | 3.66        |
| AR1268ICC050  | AR1268ICC050     | 10/09/2025       | 22:29            | PO114340.D | 8.67        | 3.66        |
| AR1660CCC500  | AR1660CCC500     | 10/31/2025       | 09:45            | PO114798.D | 8.66        | 3.65        |
| IBLK          | IBLK             | 10/31/2025       | 10:56            | PO114802.D | 8.65        | 3.65        |
| PB170339BL    | PB170339BL       | 10/31/2025       | 13:22            | PO114807.D | 8.65        | 3.65        |
| PB170339BS    | PB170339BS       | 10/31/2025       | 13:40            | PO114808.D | 8.65        | 3.65        |
| SB-1025-2     | Q3495-02         | 10/31/2025       | 13:58            | PO114809.D | 8.65        | 3.65        |
| SB-1025-2MS   | Q3495-02MS       | 10/31/2025       | 14:17            | PO114810.D | 8.65        | 3.65        |
| SB-1025-2MSD  | Q3495-02MSD      | 10/31/2025       | 14:35            | PO114811.D | 8.65        | 3.65        |
| AR1660CCC500  | AR1660CCC500     | 10/31/2025       | 15:59            | PO114813.D | 8.65        | 3.65        |
| IBLK          | IBLK             | 10/31/2025       | 17:10            | PO114817.D | 8.65        | 3.65        |
| IBLK          | IBLK             | 10/21/2025       | 08:49            | PP075887.D | 8.78        | 3.78        |
| AR1660ICC1000 | AR1660ICC1000    | 10/21/2025       | 09:06            | PP075888.D | 8.78        | 3.78        |
| AR1660ICC750  | AR1660ICC750     | 10/21/2025       | 09:22            | PP075889.D | 8.78        | 3.78        |
| AR1660ICC500  | AR1660ICC500     | 10/21/2025       | 09:38            | PP075890.D | 8.78        | 3.78        |

### Analytical Sequence

|               |               |            |       |            |      |      |
|---------------|---------------|------------|-------|------------|------|------|
| AR1660ICC250  | AR1660ICC250  | 10/21/2025 | 09:54 | PP075891.D | 8.78 | 3.78 |
| AR1660ICC050  | AR1660ICC050  | 10/21/2025 | 10:11 | PP075892.D | 8.78 | 3.78 |
| AR1221ICC500  | AR1221ICC500  | 10/21/2025 | 10:27 | PP075893.D | 8.78 | 3.78 |
| AR1232ICC500  | AR1232ICC500  | 10/21/2025 | 10:43 | PP075894.D | 8.78 | 3.78 |
| AR1242ICC1000 | AR1242ICC1000 | 10/21/2025 | 10:59 | PP075895.D | 8.78 | 3.78 |
| AR1242ICC750  | AR1242ICC750  | 10/21/2025 | 11:16 | PP075896.D | 8.78 | 3.78 |
| AR1242ICC500  | AR1242ICC500  | 10/21/2025 | 11:48 | PP075897.D | 8.79 | 3.78 |
| AR1242ICC250  | AR1242ICC250  | 10/21/2025 | 12:04 | PP075898.D | 8.78 | 3.78 |
| AR1242ICC050  | AR1242ICC050  | 10/21/2025 | 12:21 | PP075899.D | 8.78 | 3.78 |
| AR1248ICC1000 | AR1248ICC1000 | 10/21/2025 | 12:41 | PP075900.D | 8.78 | 3.78 |
| AR1248ICC750  | AR1248ICC750  | 10/21/2025 | 12:57 | PP075901.D | 8.78 | 3.78 |
| AR1248ICC500  | AR1248ICC500  | 10/21/2025 | 13:13 | PP075902.D | 8.78 | 3.78 |
| AR1248ICC250  | AR1248ICC250  | 10/21/2025 | 13:30 | PP075903.D | 8.78 | 3.78 |
| AR1248ICC050  | AR1248ICC050  | 10/21/2025 | 13:46 | PP075904.D | 8.78 | 3.78 |
| AR1254ICC1000 | AR1254ICC1000 | 10/21/2025 | 14:02 | PP075905.D | 8.78 | 3.78 |
| AR1254ICC750  | AR1254ICC750  | 10/21/2025 | 14:18 | PP075906.D | 8.78 | 3.78 |
| AR1254ICC500  | AR1254ICC500  | 10/21/2025 | 14:35 | PP075907.D | 8.79 | 3.79 |
| AR1254ICC250  | AR1254ICC250  | 10/21/2025 | 14:51 | PP075908.D | 8.78 | 3.78 |
| AR1254ICC050  | AR1254ICC050  | 10/21/2025 | 15:07 | PP075909.D | 8.78 | 3.78 |
| AR1262ICC500  | AR1262ICC500  | 10/21/2025 | 15:40 | PP075910.D | 8.79 | 3.79 |
| AR1268ICC1000 | AR1268ICC1000 | 10/21/2025 | 15:56 | PP075911.D | 8.79 | 3.78 |
| AR1268ICC750  | AR1268ICC750  | 10/21/2025 | 16:12 | PP075912.D | 8.78 | 3.78 |
| AR1268ICC500  | AR1268ICC500  | 10/21/2025 | 16:29 | PP075913.D | 8.79 | 3.79 |
| AR1268ICC250  | AR1268ICC250  | 10/21/2025 | 16:45 | PP075914.D | 8.79 | 3.79 |
| AR1268ICC050  | AR1268ICC050  | 10/21/2025 | 17:01 | PP075915.D | 8.79 | 3.79 |
| AR1660CCC500  | AR1660CCC500  | 10/31/2025 | 16:04 | PP076256.D | 8.78 | 3.78 |
| IBLK          | IBLK          | 10/31/2025 | 17:09 | PP076260.D | 8.78 | 3.78 |
| PB170347BL    | PB170347BL    | 10/31/2025 | 17:26 | PP076261.D | 8.78 | 3.78 |
| PB170347BS    | PB170347BS    | 10/31/2025 | 17:42 | PP076262.D | 8.78 | 3.78 |
| PB170347BSD   | PB170347BSD   | 10/31/2025 | 17:58 | PP076263.D | 8.78 | 3.78 |
| TW-1025-1     | Q3495-03      | 10/31/2025 | 18:47 | PP076266.D | 8.78 | 3.78 |
| AR1660CCC500  | AR1660CCC500  | 10/31/2025 | 20:57 | PP076271.D | 8.78 | 3.78 |
| IBLK          | IBLK          | 10/31/2025 | 22:34 | PP076275.D | 8.78 | 3.78 |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170339BS

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170339BS

Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD\_O

Instrument ID (2): ECD\_O

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

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

Data file PO114808.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.489 | 5.439     | 5.539 | 187           | 183                   | 15.29 |
| COLUMN 1     | 2   | 5.511 | 5.461     | 5.561 | 177           |                       |       |
|              | 3   | 5.572 | 5.522     | 5.622 | 179           |                       |       |
|              | 4   | 5.669 | 5.619     | 5.719 | 187           |                       |       |
|              | 5   | 5.96  | 5.91      | 6.01  | 185           |                       |       |
|              | 1   | 4.73  | 4.68      | 4.78  | 156           |                       |       |
| COLUMN 2     | 2   | 4.75  | 4.7       | 4.8   | 155           | 157                   |       |
|              | 3   | 4.925 | 4.875     | 4.975 | 157           |                       |       |
|              | 4   | 4.967 | 4.917     | 5.017 | 156           |                       |       |
|              | 5   | 5.179 | 5.129     | 5.229 | 159           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.075 | 7.025     | 7.125 | 184           | 163                   | 4.2   |
| COLUMN 1     | 2   | 7.329 | 7.279     | 7.379 | 188           |                       |       |
|              | 3   | 7.687 | 7.637     | 7.737 | 137           |                       |       |
|              | 4   | 7.908 | 7.858     | 7.958 | 159           |                       |       |
|              | 5   | 8.216 | 8.166     | 8.266 | 148           |                       |       |
|              | 1   | 6.21  | 6.16      | 6.26  | 175           |                       |       |
| COLUMN 2     | 2   | 6.398 | 6.348     | 6.448 | 181           | 170                   |       |
|              | 3   | 6.55  | 6.5       | 6.6   | 167           |                       |       |
|              | 4   | 7.022 | 6.972     | 7.072 | 165           |                       |       |
|              | 5   | 7.263 | 7.213     | 7.313 | 161           |                       |       |
|              |     |       |           |       |               |                       |       |



IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SB-1025-2MS

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: Q3495-02MS

Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD\_O

Instrument ID (2): ECD\_O

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

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

Data file PO114810.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.493 | 5.443     | 5.543 | 234           | 227                   | 12.15 |
| COLUMN 1     | 2   | 5.514 | 5.464     | 5.564 | 222           |                       |       |
|              | 3   | 5.576 | 5.526     | 5.626 | 222           |                       |       |
|              | 4   | 5.672 | 5.622     | 5.722 | 235           |                       |       |
|              | 5   | 5.963 | 5.913     | 6.013 | 224           |                       |       |
|              | 1   | 4.732 | 4.682     | 4.782 | 196           |                       |       |
| COLUMN 2     | 2   | 4.751 | 4.701     | 4.801 | 198           | 201                   |       |
|              | 3   | 4.926 | 4.876     | 4.976 | 206           |                       |       |
|              | 4   | 4.968 | 4.918     | 5.018 | 204           |                       |       |
|              | 5   | 5.18  | 5.13      | 5.23  | 202           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.077 | 7.027     | 7.127 | 228           | 195                   | 4.51  |
| COLUMN 1     | 2   | 7.331 | 7.281     | 7.381 | 218           |                       |       |
|              | 3   | 7.689 | 7.639     | 7.739 | 161           |                       |       |
|              | 4   | 7.911 | 7.861     | 7.961 | 193           |                       |       |
|              | 5   | 8.218 | 8.168     | 8.268 | 173           |                       |       |
|              | 1   | 6.212 | 6.162     | 6.262 | 213           | 204                   |       |
| COLUMN 2     | 2   | 6.4   | 6.35      | 6.45  | 215           |                       |       |
|              | 3   | 6.552 | 6.502     | 6.602 | 201           |                       |       |
|              | 4   | 7.024 | 6.974     | 7.074 | 199           |                       |       |
|              | 5   | 7.265 | 7.215     | 7.315 | 192           |                       |       |
|              |     |       |           |       |               |                       |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SB-1025-2MSD

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: Q3495-02MSD

Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD\_O

Instrument ID (2): ECD\_O

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

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

Data file PO114811.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.492 | 5.442     | 5.542 | 237           | 229                   | 12.53 |
| COLUMN 1     | 2   | 5.514 | 5.464     | 5.564 | 222           |                       |       |
|              | 3   | 5.576 | 5.526     | 5.626 | 221           |                       |       |
|              | 4   | 5.671 | 5.621     | 5.721 | 235           |                       |       |
|              | 5   | 5.964 | 5.914     | 6.014 | 228           |                       |       |
|              | 1   | 4.732 | 4.682     | 4.782 | 199           |                       |       |
| COLUMN 2     | 2   | 4.752 | 4.702     | 4.802 | 199           | 202                   |       |
|              | 3   | 4.926 | 4.876     | 4.976 | 205           |                       |       |
|              | 4   | 4.968 | 4.918     | 5.018 | 202           |                       |       |
|              | 5   | 5.181 | 5.131     | 5.231 | 202           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.078 | 7.028     | 7.128 | 229           | 194                   | 5.51  |
| COLUMN 1     | 2   | 7.332 | 7.282     | 7.382 | 217           |                       |       |
|              | 3   | 7.69  | 7.64      | 7.74  | 161           |                       |       |
|              | 4   | 7.912 | 7.862     | 7.962 | 192           |                       |       |
|              | 5   | 8.218 | 8.168     | 8.268 | 174           |                       |       |
|              | 1   | 6.212 | 6.162     | 6.262 | 215           | 205                   |       |
| COLUMN 2     | 2   | 6.4   | 6.35      | 6.45  | 215           |                       |       |
|              | 3   | 6.553 | 6.503     | 6.603 | 202           |                       |       |
|              | 4   | 7.024 | 6.974     | 7.074 | 200           |                       |       |
|              | 5   | 7.265 | 7.215     | 7.315 | 193           |                       |       |
|              |     |       |           |       |               |                       |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170347BS

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170347BS

Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

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

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

Data file PP076262.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.798 | 5.748     | 5.848 | 4.95          | 5.00                  | 10.53 |
| COLUMN 1     | 2   | 5.82  | 5.77      | 5.87  | 5.15          |                       |       |
|              | 3   | 5.882 | 5.832     | 5.932 | 5.02          |                       |       |
|              | 4   | 5.979 | 5.929     | 6.029 | 5.06          |                       |       |
|              | 5   | 6.272 | 6.222     | 6.322 | 4.83          |                       |       |
| COLUMN 2     | 1   | 4.877 | 4.827     | 4.927 | 4.62          | 4.50                  |       |
|              | 2   | 4.934 | 4.884     | 4.984 | 4.64          |                       |       |
|              | 3   | 5.055 | 5.005     | 5.105 | 4.21          |                       |       |
|              | 4   | 5.095 | 5.045     | 5.145 | 4.64          |                       |       |
|              | 5   | 5.307 | 5.257     | 5.357 | 4.39          |                       |       |
| Aroclor-1260 | 1   | 7.39  | 7.34      | 7.44  | 5.49          | 5.00                  | 2.02  |
| COLUMN 1     | 2   | 7.643 | 7.593     | 7.693 | 5.21          |                       |       |
|              | 3   | 8.002 | 7.952     | 8.052 | 4.52          |                       |       |
|              | 4   | 8.229 | 8.179     | 8.279 | 5.12          |                       |       |
|              | 5   | 8.556 | 8.506     | 8.606 | 4.52          |                       |       |
| COLUMN 2     | 1   | 6.337 | 6.287     | 6.387 | 4.84          | 4.90                  |       |
|              | 2   | 6.524 | 6.474     | 6.574 | 5.10          |                       |       |
|              | 3   | 6.677 | 6.627     | 6.727 | 5.18          |                       |       |
|              | 4   | 7.146 | 7.096     | 7.196 | 4.95          |                       |       |
|              | 5   | 7.386 | 7.336     | 7.436 | 4.62          |                       |       |
|              |     |       |           |       |               |                       |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170347BSD

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170347BSD

Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

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

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

Data file PP076263.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.796 | 5.746     | 5.846 | 4.91          | 4.90                  | 13.04 |
| COLUMN 1     | 2   | 5.817 | 5.767     | 5.867 | 4.95          |                       |       |
|              | 3   | 5.88  | 5.83      | 5.93  | 4.85          |                       |       |
|              | 4   | 5.978 | 5.928     | 6.028 | 4.90          |                       |       |
|              | 5   | 6.27  | 6.22      | 6.32  | 4.66          |                       |       |
|              | 1   | 4.875 | 4.825     | 4.925 | 4.52          |                       |       |
| COLUMN 2     | 2   | 4.932 | 4.882     | 4.982 | 4.26          | 4.30                  |       |
|              | 3   | 5.051 | 5.001     | 5.101 | 4.28          |                       |       |
|              | 4   | 5.092 | 5.042     | 5.142 | 4.54          |                       |       |
|              | 5   | 5.307 | 5.257     | 5.357 | 4.06          |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.388 | 7.338     | 7.438 | 5.35          | 4.90                  | 2.02  |
| COLUMN 1     | 2   | 7.641 | 7.591     | 7.691 | 5.11          |                       |       |
|              | 3   | 8     | 7.95      | 8.05  | 4.44          |                       |       |
|              | 4   | 8.226 | 8.176     | 8.276 | 5.08          |                       |       |
|              | 5   | 8.554 | 8.504     | 8.604 | 4.44          |                       |       |
|              | 1   | 6.334 | 6.284     | 6.384 | 5.05          |                       |       |
| COLUMN 2     | 2   | 6.522 | 6.472     | 6.572 | 4.93          | 5.00                  |       |
|              | 3   | 6.674 | 6.624     | 6.724 | 5.16          |                       |       |
|              | 4   | 7.144 | 7.094     | 7.194 | 5.09          |                       |       |
|              | 5   | 7.383 | 7.333     | 7.433 | 4.57          |                       |       |
|              |     |       |           |       |               |                       |       |



# QC SAMPLE DATA



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

## Report of Analysis

Client: Remington & Vernick Engineers  
Project: Maclearie Park  
Client Sample ID: PB170339BL  
Lab Sample ID: PB170339BL  
Analytical Method: 8082A  
Sample Wt/Vol: 30.01 g Final Vol: 10000 uL  
Prep Method: SW3541 Prep Date: 10/31/25

Date Collected:  
Date Received:  
SDG No.: Q3495  
Matrix: SOIL  
% Solid: 100  
Test: PCB

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 3.90  | U    | 1  | 3.90     | 17.0       | ug/kg   | 10/31/25 13:22 | PB170339 |
| 11104-28-2        | Aroclor-1221         | 4.00  | U    | 1  | 4.00     | 17.0       | ug/kg   | 10/31/25 13:22 | PB170339 |
| 11141-16-5        | Aroclor-1232         | 3.70  | U    | 1  | 3.70     | 17.0       | ug/kg   | 10/31/25 13:22 | PB170339 |
| 53469-21-9        | Aroclor-1242         | 4.00  | U    | 1  | 4.00     | 17.0       | ug/kg   | 10/31/25 13:22 | PB170339 |
| 12672-29-6        | Aroclor-1248         | 5.90  | U    | 1  | 5.90     | 17.0       | ug/kg   | 10/31/25 13:22 | PB170339 |
| 11097-69-1        | Aroclor-1254         | 3.20  | U    | 1  | 3.20     | 17.0       | ug/kg   | 10/31/25 13:22 | PB170339 |
| 37324-23-5        | Aroclor-1262         | 5.00  | U    | 1  | 5.00     | 17.0       | ug/kg   | 10/31/25 13:22 | PB170339 |
| 11100-14-4        | Aroclor-1268         | 3.60  | U    | 1  | 3.60     | 17.0       | ug/kg   | 10/31/25 13:22 | PB170339 |
| 11096-82-5        | Aroclor-1260         | 3.20  | U    | 1  | 3.20     | 17.0       | ug/kg   | 10/31/25 13:22 | PB170339 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 27.3  |      |    | 32 - 144 | 136%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 26.8  |      |    | 32 - 175 | 134%       | 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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
 Data File : PO114807.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2025 13:22  
 Operator : YP/AJ  
 Sample : PB170339BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 PB170339BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 14:21:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 02:40:25 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

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

#### System Monitoring Compounds

|                    |       |       |          |          |        |        |
|--------------------|-------|-------|----------|----------|--------|--------|
| 1) SA Tetrachlo... | 4.353 | 3.653 | 148.1E6  | 99422517 | 27.284 | 24.842 |
| 2) SA Decachlor... | 9.946 | 8.650 | 97612142 | 87217761 | 26.808 | 26.167 |

#### Target Compounds

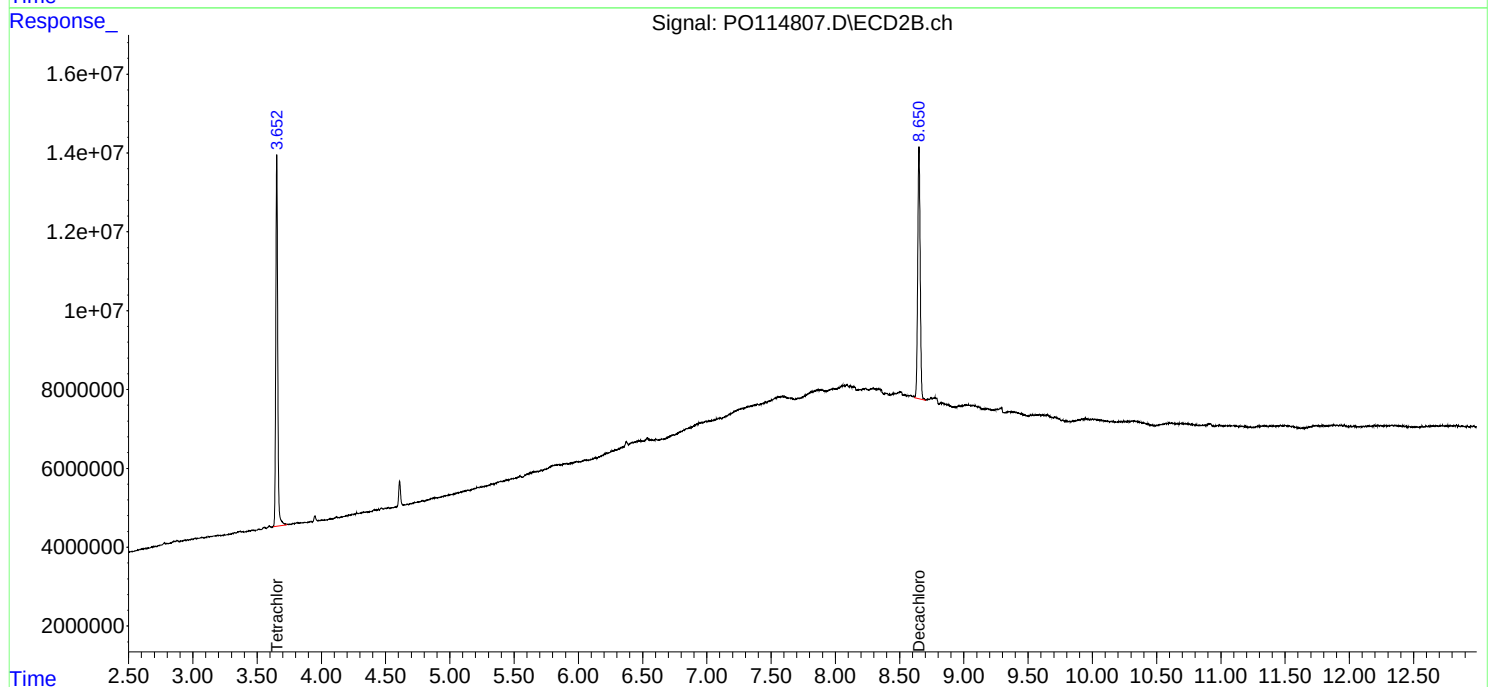
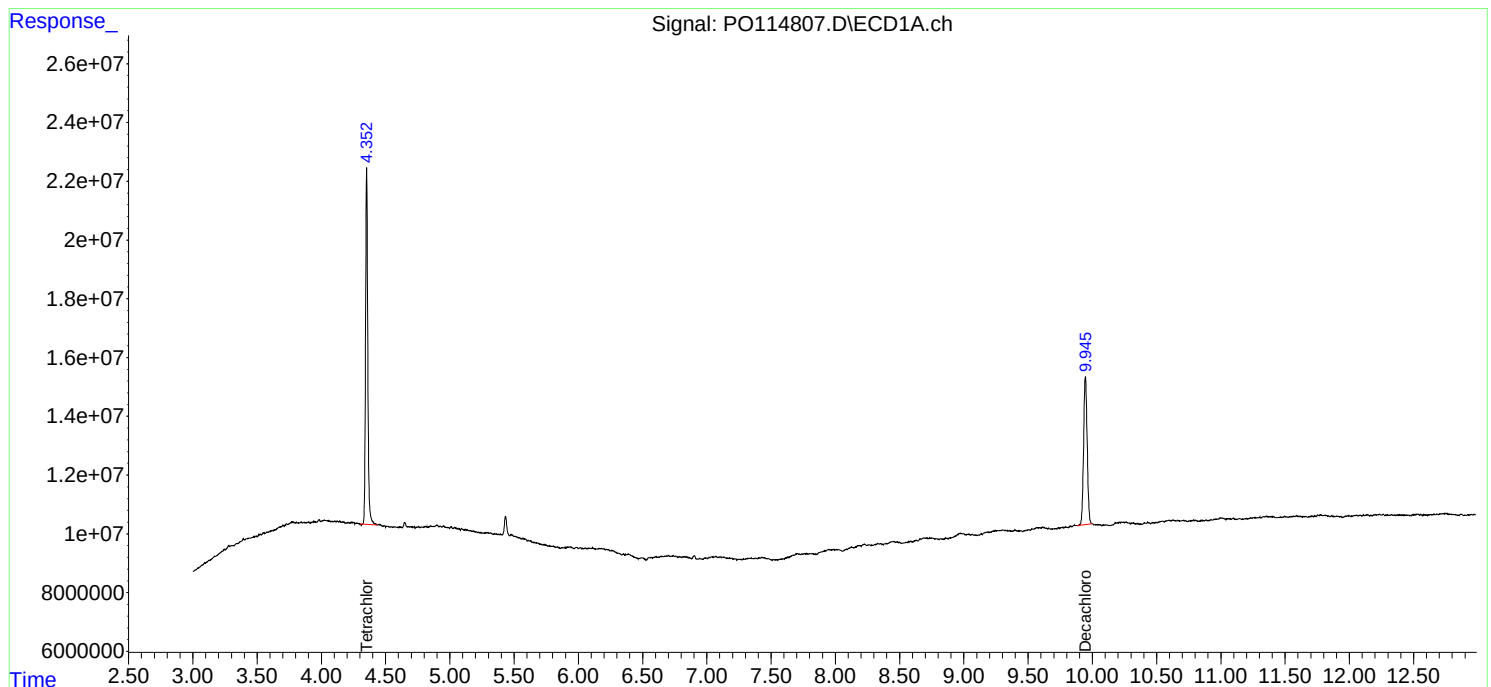
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
Data File : PO114807.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 13:22  
Operator : YP/AJ  
Sample : PB170339BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

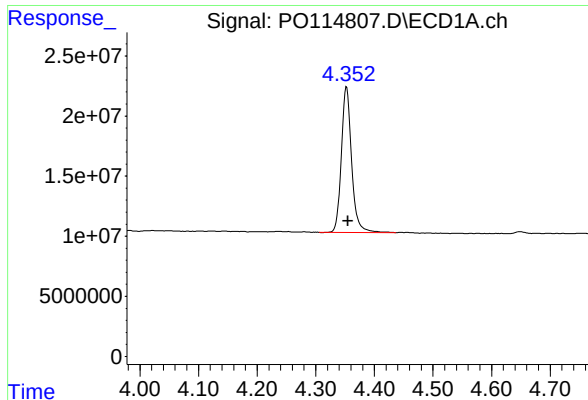
Instrument :  
ECD\_O  
ClientSampleId :  
PB170339BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 14:21:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 02:40:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



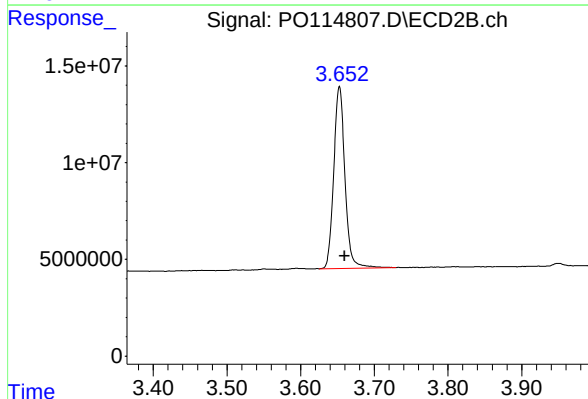




## #1 Tetrachloro-m-xylene

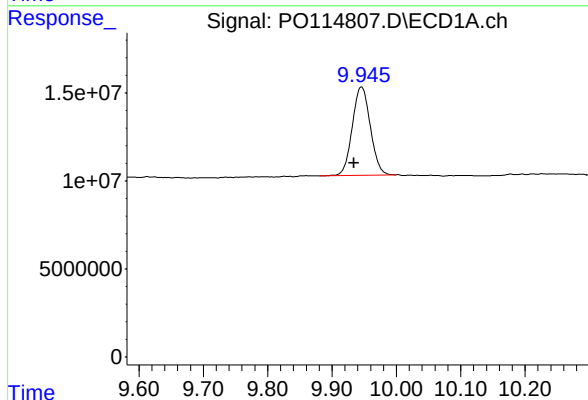
R.T.: 4.353 min  
Delta R.T.: -0.002 min  
Response: 148126414  
Conc: 27.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB170339BL



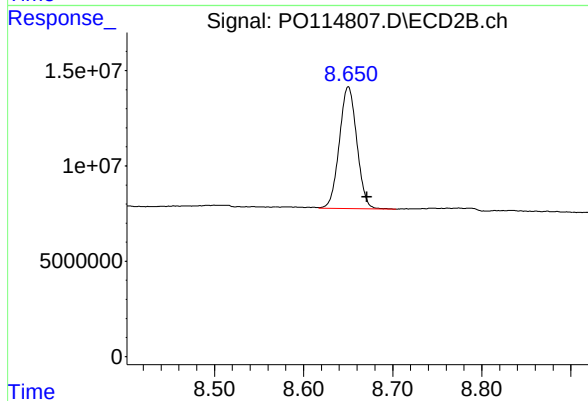
## #1 Tetrachloro-m-xylene

R.T.: 3.653 min  
Delta R.T.: -0.007 min  
Response: 99422517  
Conc: 24.84 ng/ml



## #2 Decachlorobiphenyl

R.T.: 9.946 min  
Delta R.T.: 0.012 min  
Response: 97612142  
Conc: 26.81 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.650 min  
Delta R.T.: -0.021 min  
Response: 87217761  
Conc: 26.17 ng/ml



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Fax : 908 789 8922

## Report of Analysis

Client: Remington & Vernick Engineers  
Project: Maclearie Park  
Client Sample ID: PB170347BL  
Lab Sample ID: PB170347BL  
Analytical Method: 8082A  
Sample Wt/Vol: 1000 mL Final Vol: 10000 uL  
Prep Method: Prep Date: 10/31/25

Date Collected:  
Date Received:  
SDG No.: Q3495  
Matrix: WATER  
% Solid: 0  
Test: PCB

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 10/31/25 17:26 | PB170347 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/31/25 17:26 | PB170347 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/31/25 17:26 | PB170347 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/31/25 17:26 | PB170347 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/31/25 17:26 | PB170347 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/31/25 17:26 | PB170347 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/31/25 17:26 | PB170347 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/31/25 17:26 | PB170347 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 10/31/25 17:26 | PB170347 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 32.5  |      |    | 30 - 173 | 162%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 31.3  |      |    | 10 - 173 | 157%       | 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

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\_P\Data\PP103125\  
Data File : PP076261.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 17:26  
Operator : YP\AJ  
Sample : PB170347BL  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB170347BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 23:24:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 24 15:40:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|--------|-------|----------|---------|--------|--------|
| -----                       |                 |        |       |          |         |        |        |
| System Monitoring Compounds |                 |        |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 4.643  | 3.780 | 46388591 | 191.8E6 | 32.460 | 28.977 |
| 2)                          | SA Decachlor... | 10.424 | 8.781 | 33712765 | 217.9E6 | 31.316 | 26.497 |

Target Compounds

-----

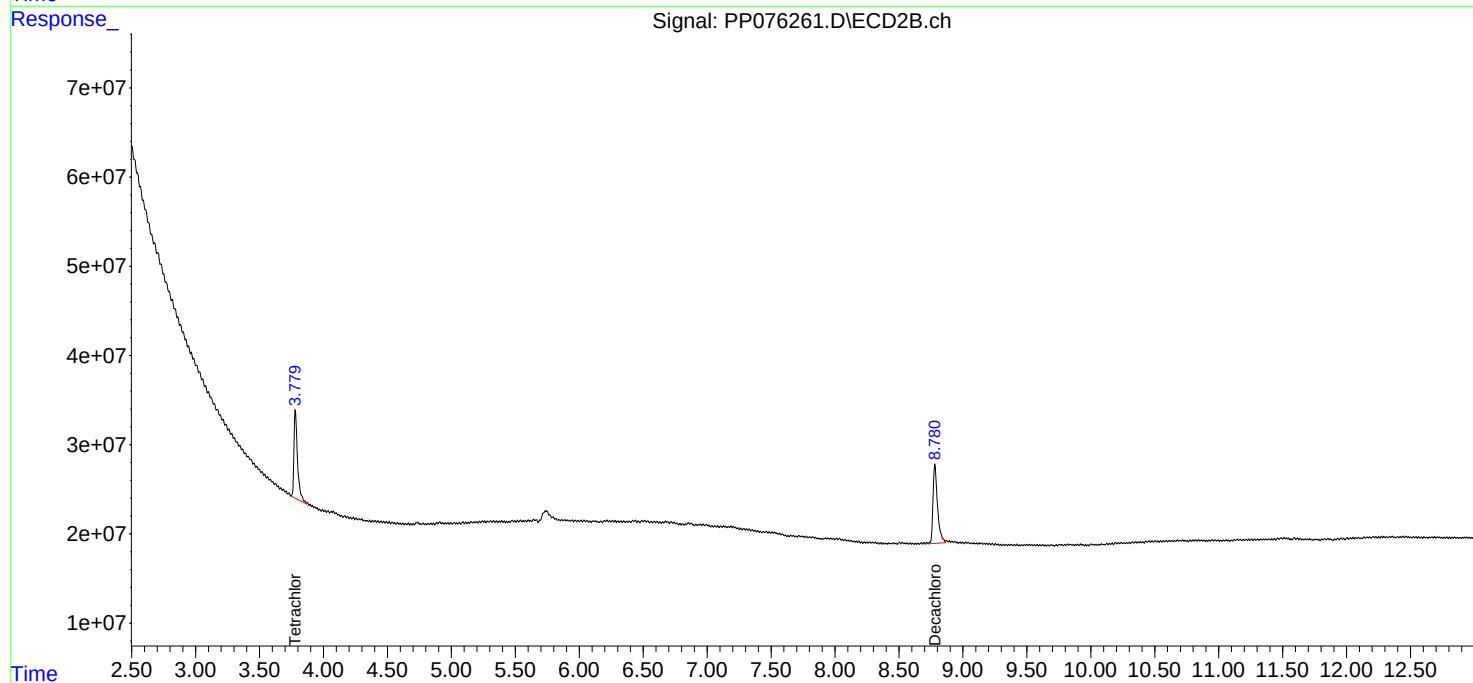
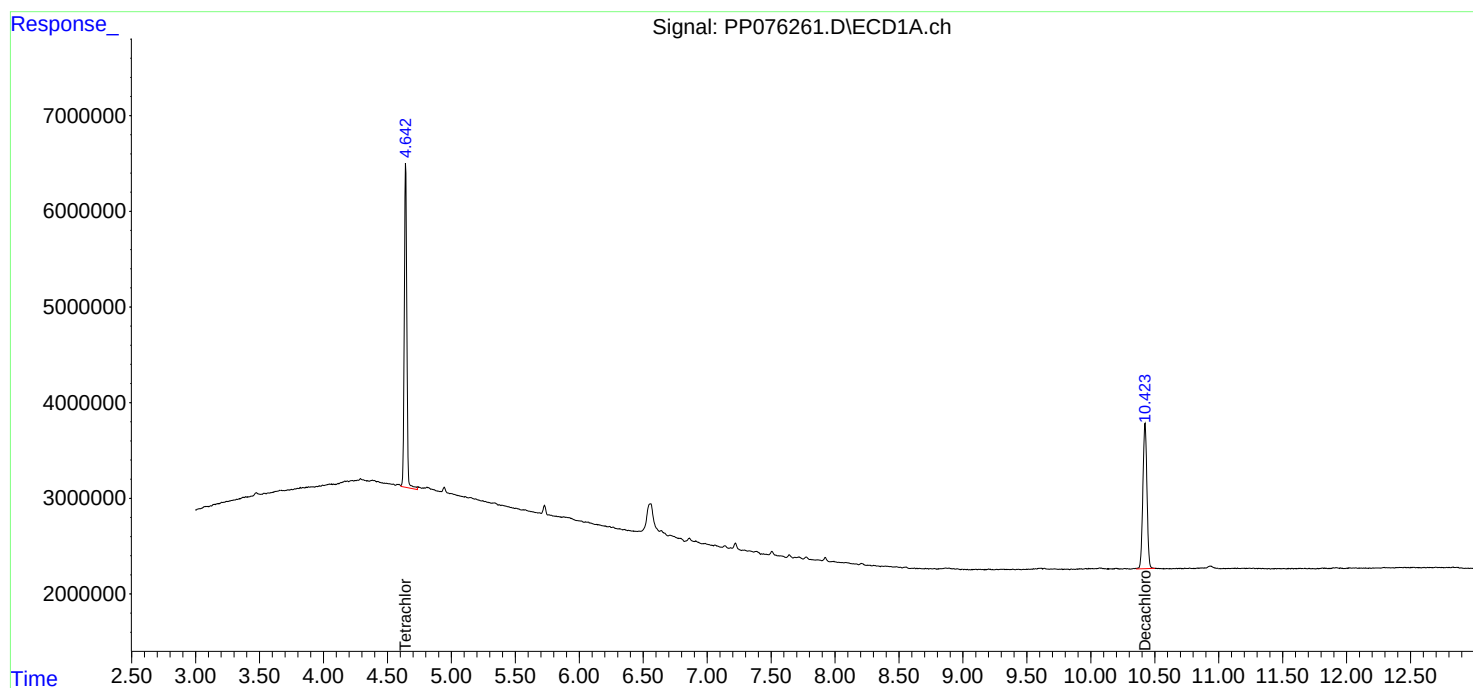
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

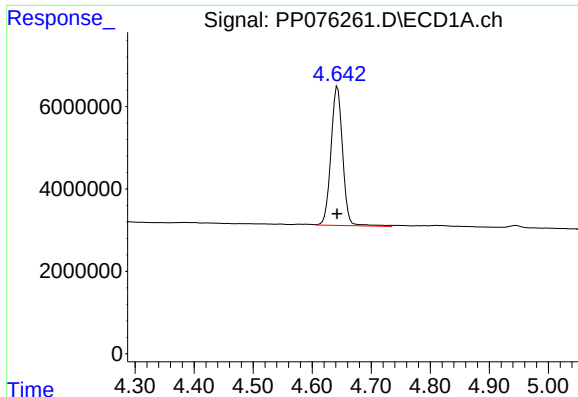
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP103125\  
Data File : PP076261.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 17:26  
Operator : YP\AJ  
Sample : PB170347BL  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB170347BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 23:24:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 24 15:40:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

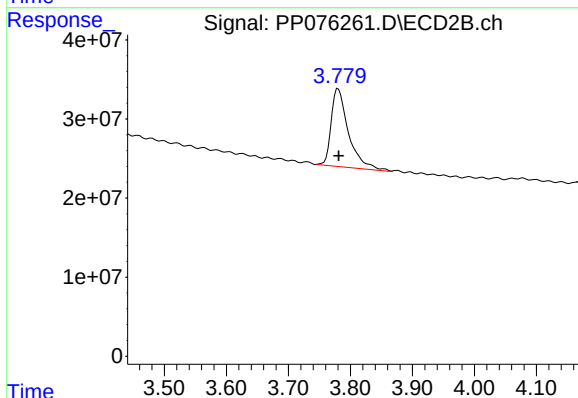




## #1 Tetrachloro-m-xylene

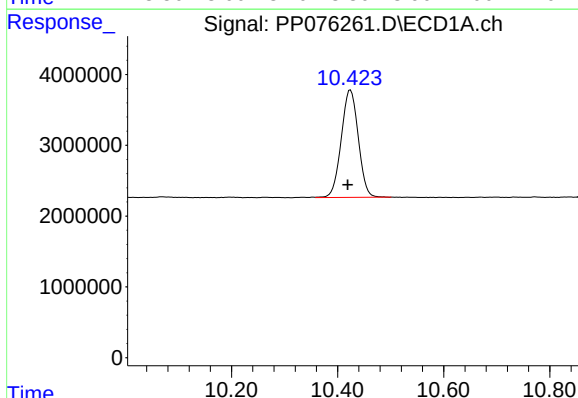
R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 46388591  
Conc: 32.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB170347BL



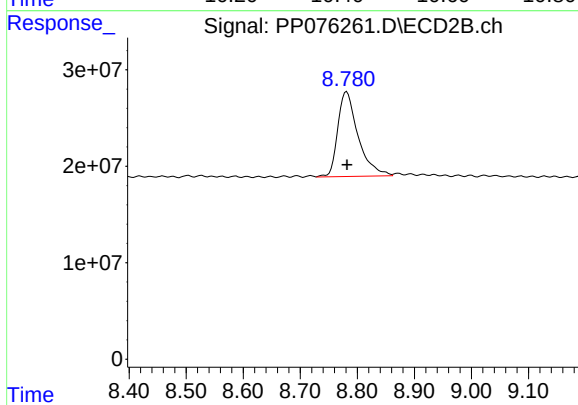
## #1 Tetrachloro-m-xylene

R.T.: 3.780 min  
Delta R.T.: 0.000 min  
Response: 191776777  
Conc: 28.98 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.424 min  
Delta R.T.: 0.005 min  
Response: 33712765  
Conc: 31.32 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.781 min  
Delta R.T.: 0.000 min  
Response: 217888445  
Conc: 26.50 ng/ml



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Fax : 908 789 8922

## Report of Analysis

|                    |                               |                     |                 |          |
|--------------------|-------------------------------|---------------------|-----------------|----------|
| Client:            | Remington & Vernick Engineers |                     | Date Collected: | 10/09/25 |
| Project:           | Maclearie Park                |                     | Date Received:  | 10/09/25 |
| Client Sample ID:  | PIBLK-PO114312.D              |                     | SDG No.:        | Q3495    |
| Lab Sample ID:     | I.BLK-PO114312.D              |                     | Matrix:         | WATER    |
| Analytical Method: | 8082A                         |                     | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000 mL                       | Final Vol: 10000 uL | Test:           | PCB      |
| Prep Method:       | 5030                          | Prep Date:          |                 |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 12674-11-2        | Aroclor-1016         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 10/09/25  | po100925 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/09/25  | po100925 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/09/25  | po100925 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/09/25  | po100925 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/09/25  | po100925 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/09/25  | po100925 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 10/09/25  | po100925 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/09/25  | po100925 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/09/25  | po100925 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 18.6  |      |    | 60 - 140 | 93%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 19.0  |      |    | 60 - 140 | 95%        | 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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114312.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 13:55  
Operator : YP/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 05:07:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 05:04:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.356 | 3.660 | 101.2E6  | 75475125 | 18.647 | 18.858 |
| 2) SA Decachlor...          | 9.931 | 8.673 | 70041472 | 63226876 | 19.236 | 18.969 |

Target Compounds

-----

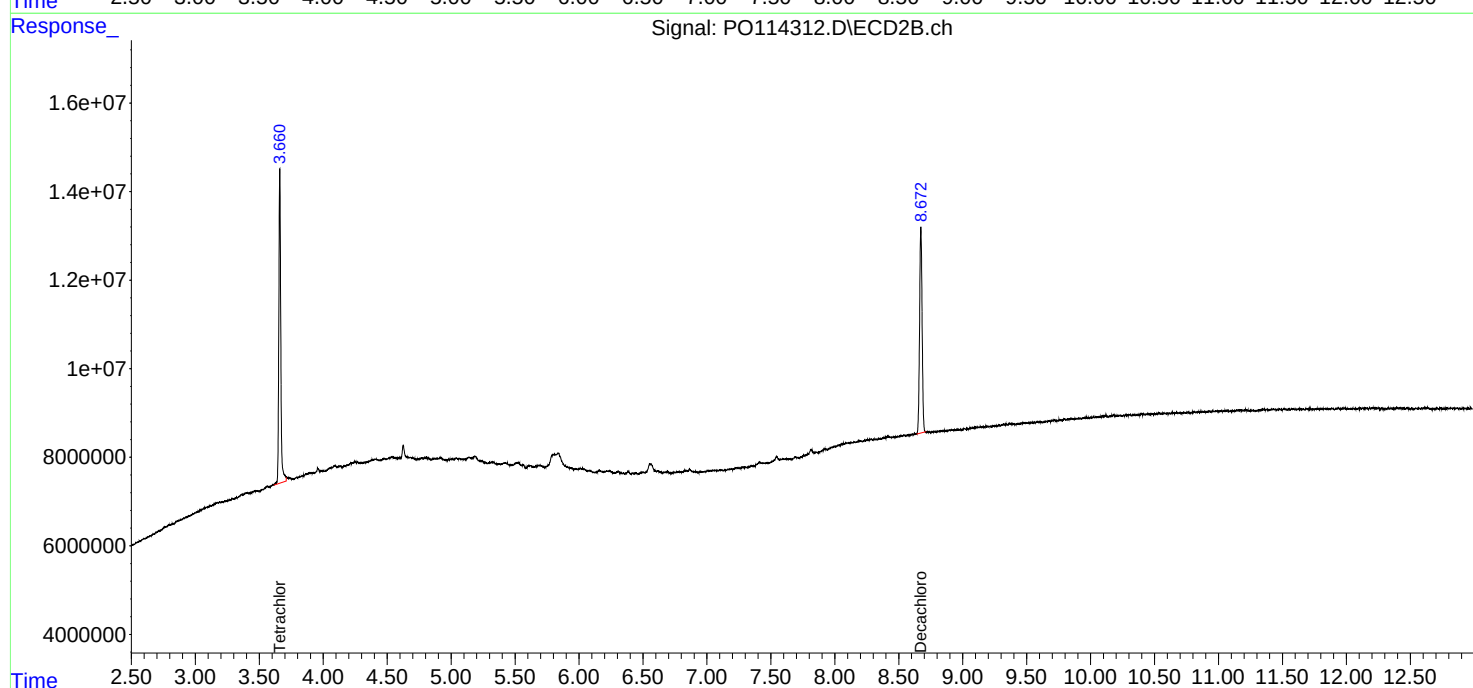
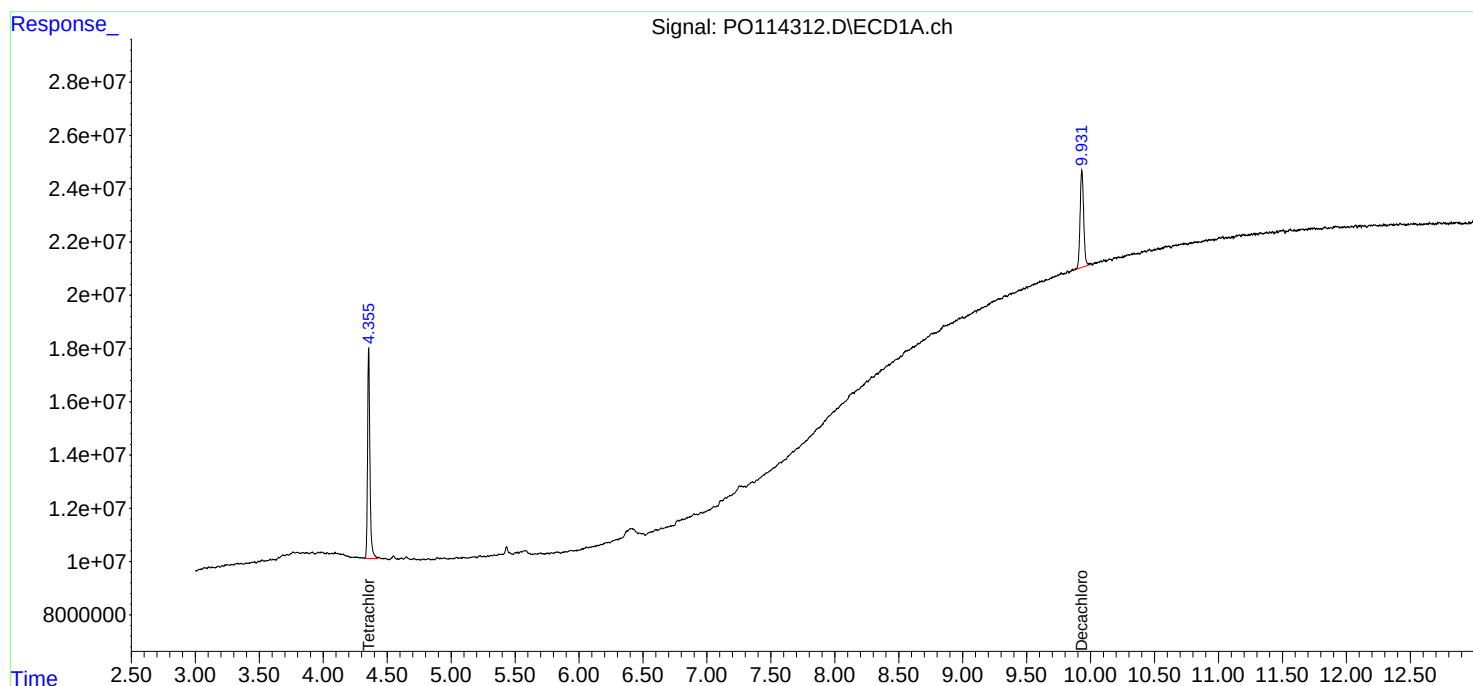
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100925\  
Data File : PO114312.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2025 13:55  
Operator : YP/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

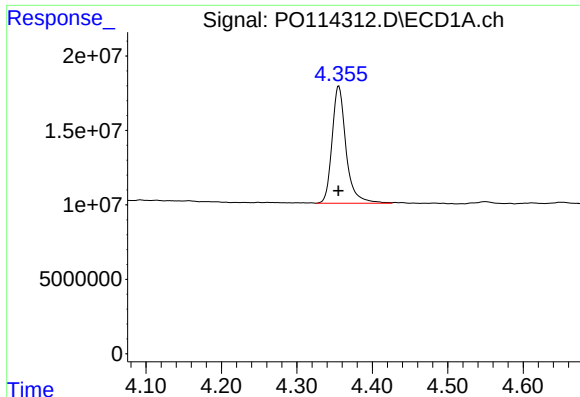
Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 05:07:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 05:04:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



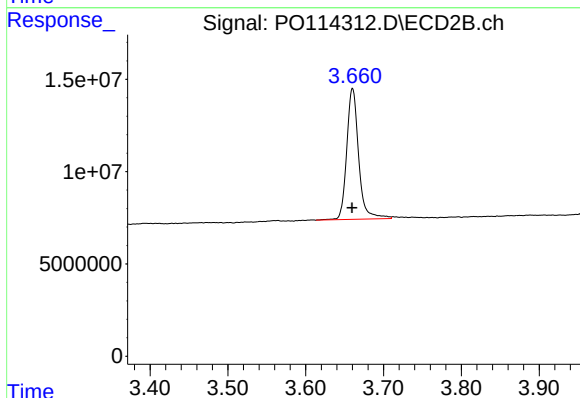




## #1 Tetrachloro-m-xylene

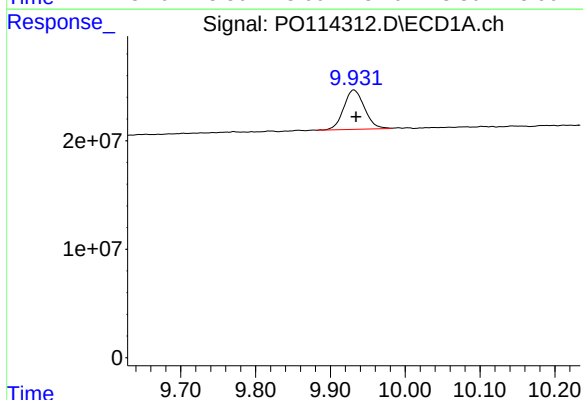
R.T.: 4.356 min  
Delta R.T.: 0.000 min  
Response: 101234471  
Conc: 18.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



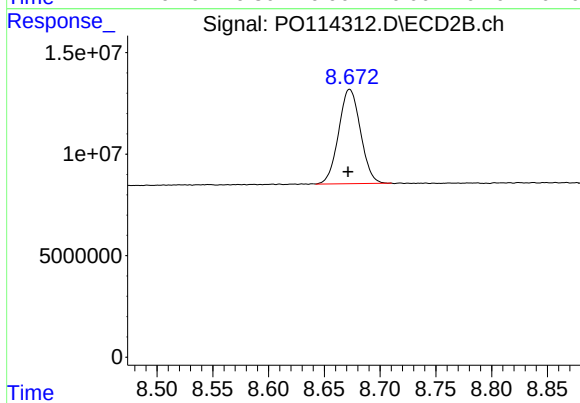
## #1 Tetrachloro-m-xylene

R.T.: 3.660 min  
Delta R.T.: 0.000 min  
Response: 75475125  
Conc: 18.86 ng/ml



## #2 Decachlorobiphenyl

R.T.: 9.931 min  
Delta R.T.: -0.003 min  
Response: 70041472  
Conc: 19.24 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.673 min  
Delta R.T.: 0.001 min  
Response: 63226876  
Conc: 18.97 ng/ml



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

## Report of Analysis

|                    |                               |                     |                 |          |
|--------------------|-------------------------------|---------------------|-----------------|----------|
| Client:            | Remington & Vernick Engineers |                     | Date Collected: | 10/31/25 |
| Project:           | Maclearie Park                |                     | Date Received:  | 10/31/25 |
| Client Sample ID:  | PIBLK-PO114802.D              |                     | SDG No.:        | Q3495    |
| Lab Sample ID:     | I.BLK-PO114802.D              |                     | Matrix:         | WATER    |
| Analytical Method: | 8082A                         |                     | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000 mL                       | Final Vol: 10000 uL | Test:           | PCB      |
| Prep Method:       | 5030                          | Prep Date:          |                 |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 12674-11-2        | Aroclor-1016         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 10/31/25  | PO103125 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/31/25  | PO103125 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/31/25  | PO103125 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/31/25  | PO103125 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/31/25  | PO103125 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/31/25  | PO103125 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 10/31/25  | PO103125 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/31/25  | PO103125 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/31/25  | PO103125 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 16.4  |      |    | 60 - 140 | 82%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 17.9  |      |    | 60 - 140 | 90%        | 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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
Data File : PO114802.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 10:56  
Operator : YP/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 12:07:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 02:40:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.353 | 3.654 | 100.2E6  | 65733999 | 18.462 | 16.424 |
| 2) SA Decachlor...          | 9.943 | 8.651 | 65314018 | 65093379 | 17.938 | 19.529 |

Target Compounds

-----

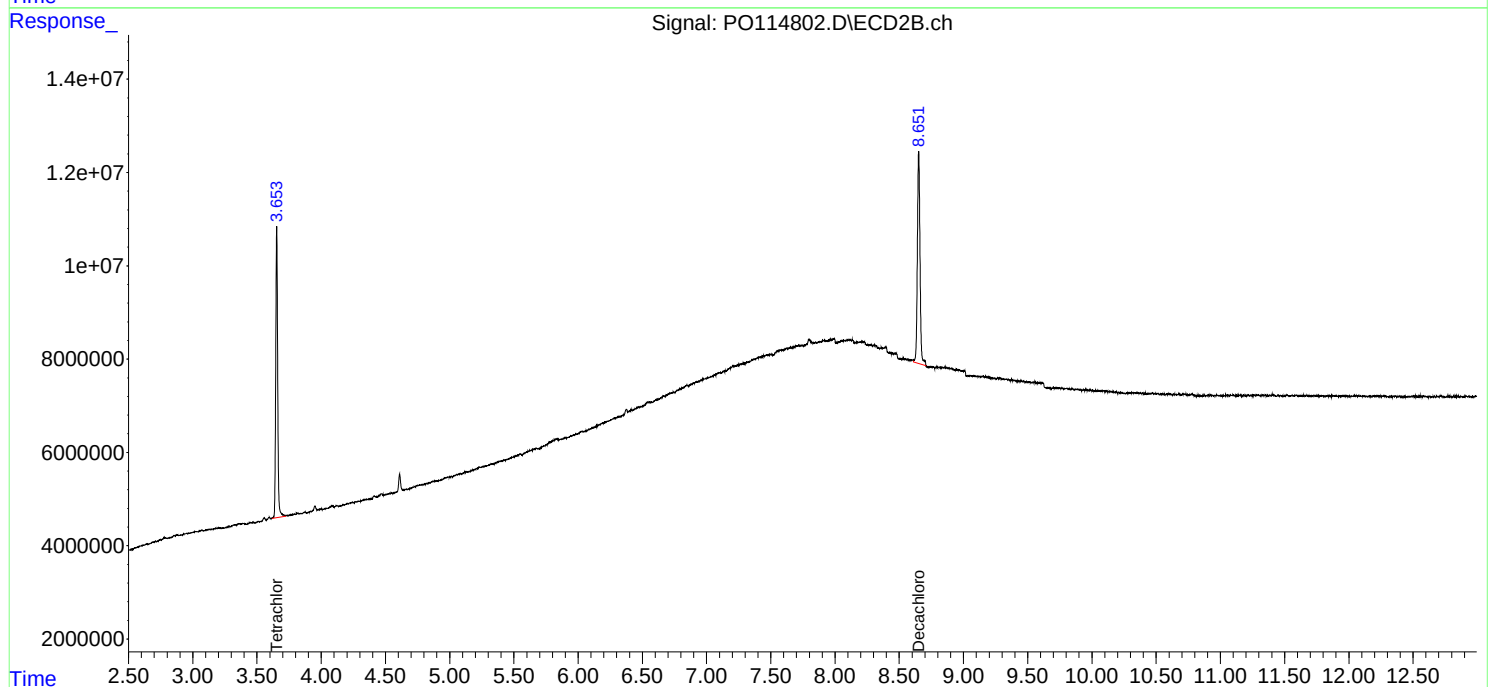
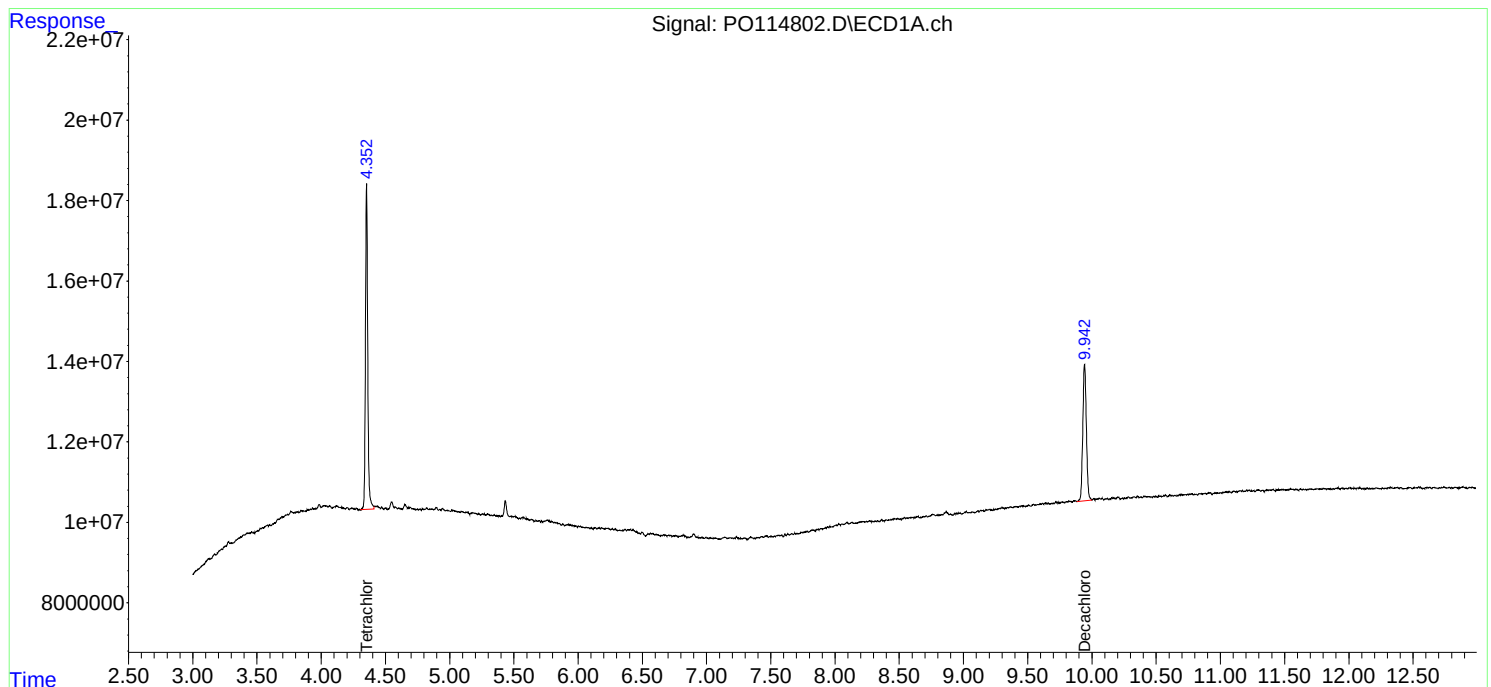
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

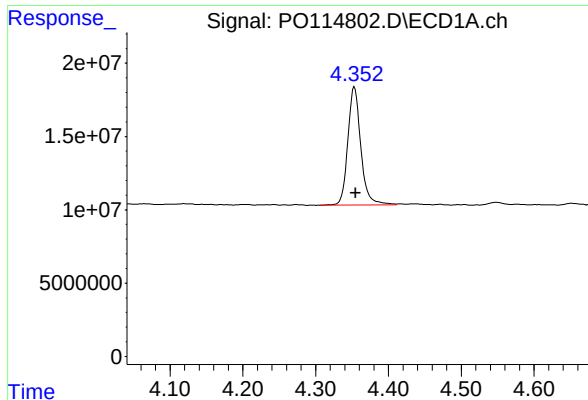
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
Data File : PO114802.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 10:56  
Operator : YP/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 12:07:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 02:40:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

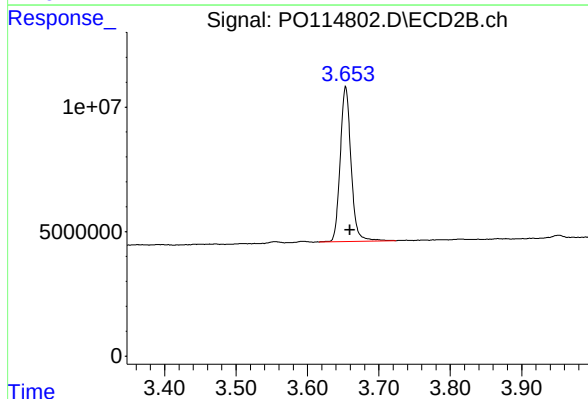




## #1 Tetrachloro-m-xylene

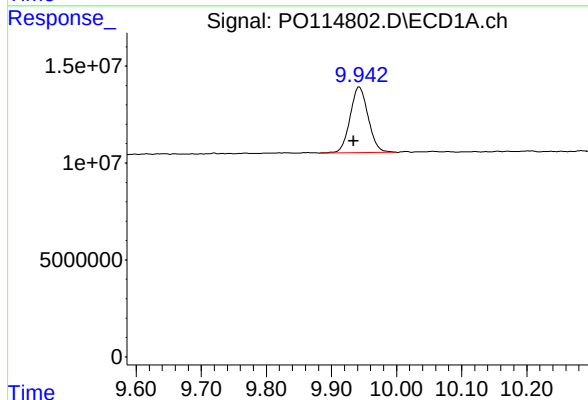
R.T.: 4.353 min  
Delta R.T.: -0.002 min  
Response: 100230419  
Conc: 18.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



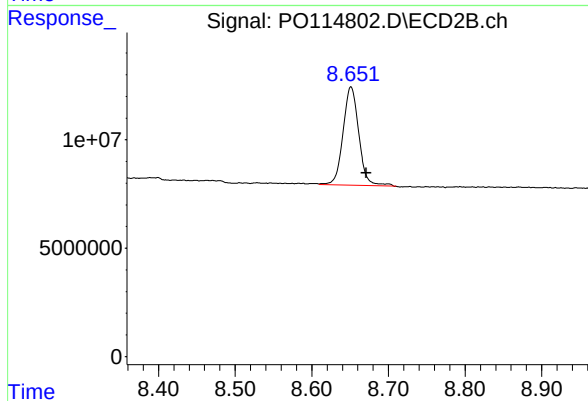
## #1 Tetrachloro-m-xylene

R.T.: 3.654 min  
Delta R.T.: -0.006 min  
Response: 65733999  
Conc: 16.42 ng/ml



## #2 Decachlorobiphenyl

R.T.: 9.943 min  
Delta R.T.: 0.008 min  
Response: 65314018  
Conc: 17.94 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.651 min  
Delta R.T.: -0.020 min  
Response: 65093379  
Conc: 19.53 ng/ml



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Fax : 908 789 8922

## Report of Analysis

|                    |                               |                     |                 |          |
|--------------------|-------------------------------|---------------------|-----------------|----------|
| Client:            | Remington & Vernick Engineers |                     | Date Collected: | 10/31/25 |
| Project:           | Maclearie Park                |                     | Date Received:  | 10/31/25 |
| Client Sample ID:  | PIBLK-PO114817.D              |                     | SDG No.:        | Q3495    |
| Lab Sample ID:     | I.BLK-PO114817.D              |                     | Matrix:         | WATER    |
| Analytical Method: | 8082A                         |                     | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000 mL                       | Final Vol: 10000 uL | Test:           | PCB      |
| Prep Method:       | 5030                          | Prep Date:          |                 |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 12674-11-2        | Aroclor-1016         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 10/31/25  | po103125 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/31/25  | po103125 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/31/25  | po103125 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/31/25  | po103125 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/31/25  | po103125 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/31/25  | po103125 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 10/31/25  | po103125 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/31/25  | po103125 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/31/25  | po103125 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 16.0  |      |    | 60 - 140 | 80%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 17.6  |      |    | 60 - 140 | 88%        | 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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
 Data File : PO114817.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2025 17:10  
 Operator : YP/AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 I.BLK

**Manual Integrations**  
**APPROVED**

Reviewed By :Rahul Chavli 11/03/2025  
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 23:17:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 02:40:25 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-------|-------|----------|----------|--------|---------|
| -----                       |       |       |          |          |        |         |
| System Monitoring Compounds |       |       |          |          |        |         |
| 1) SA Tetrachlo...          | 4.352 | 3.653 | 94965440 | 64102497 | 17.492 | 16.017  |
| 2) SA Decachlor...          | 9.942 | 8.648 | 63981148 | 62499262 | 17.572 | 18.751m |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
Data File : PO114817.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 17:10  
Operator : YP/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

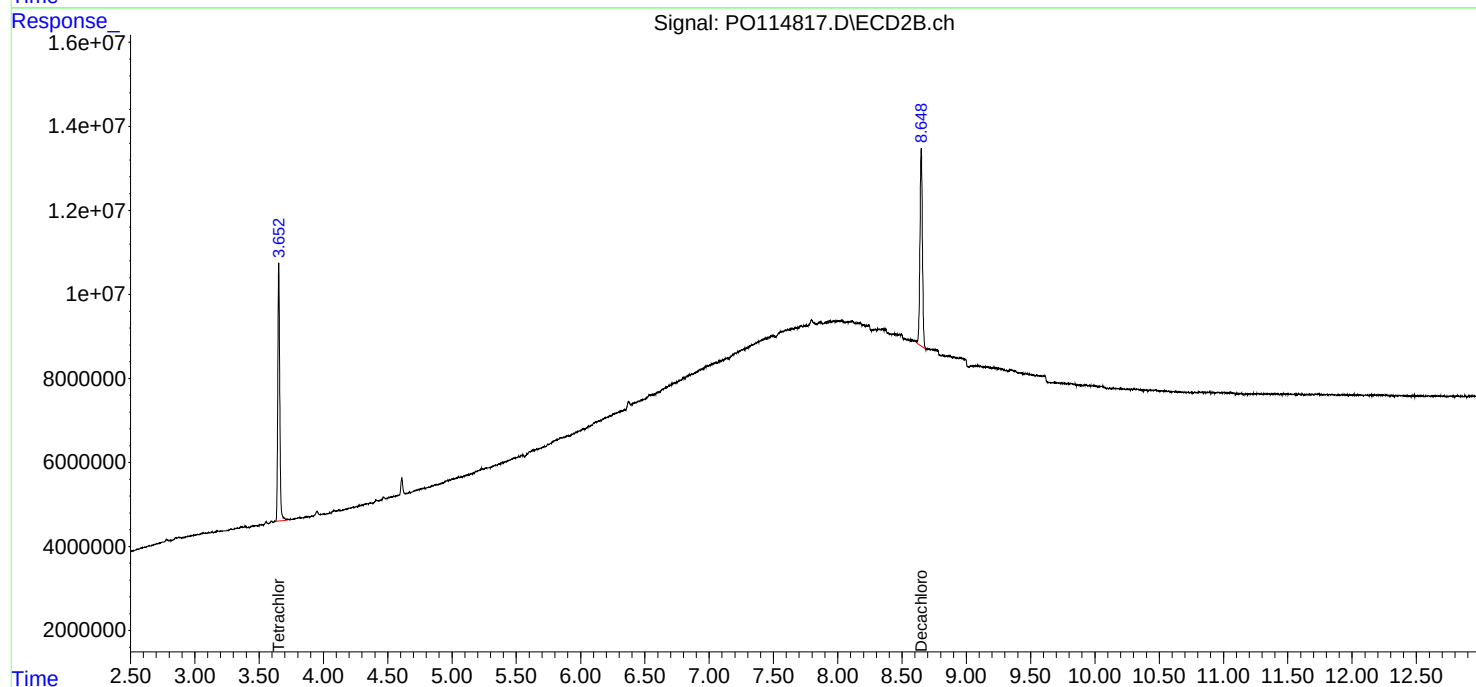
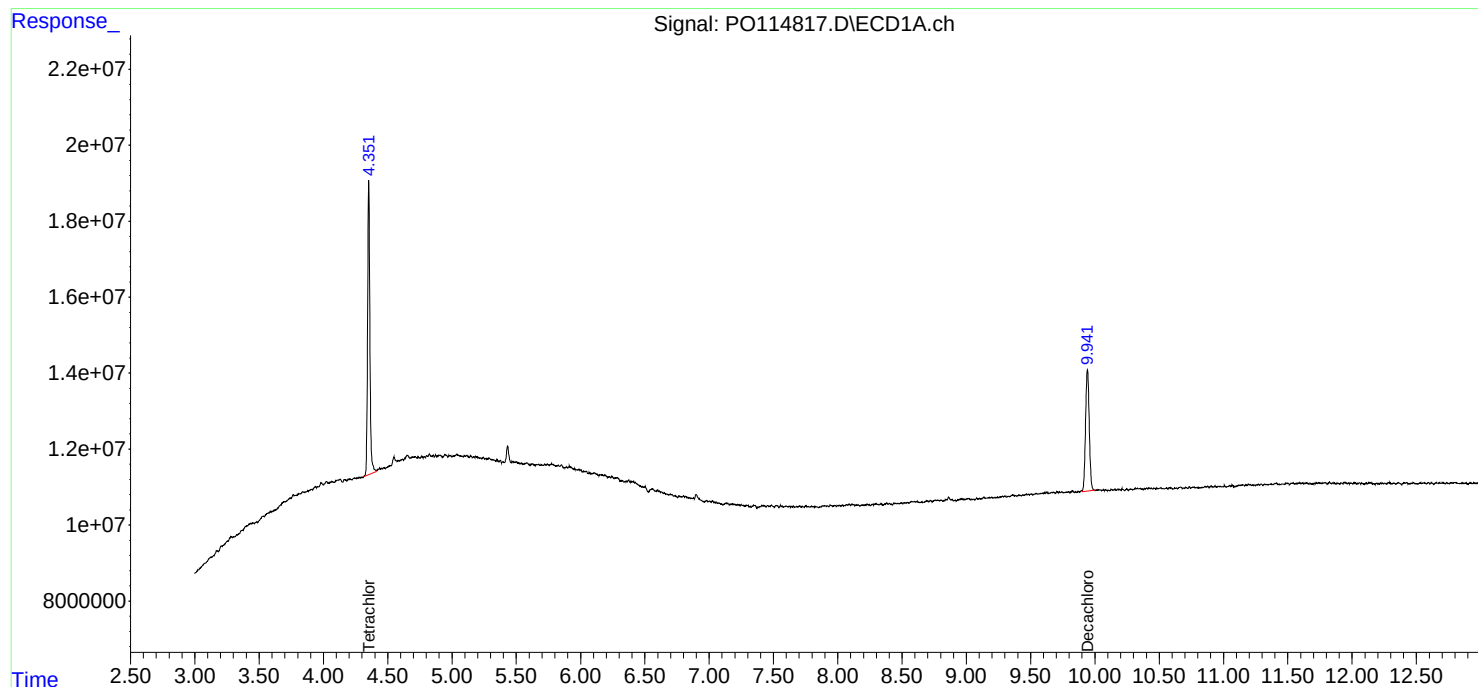
Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Manual Integrations  
APPROVED

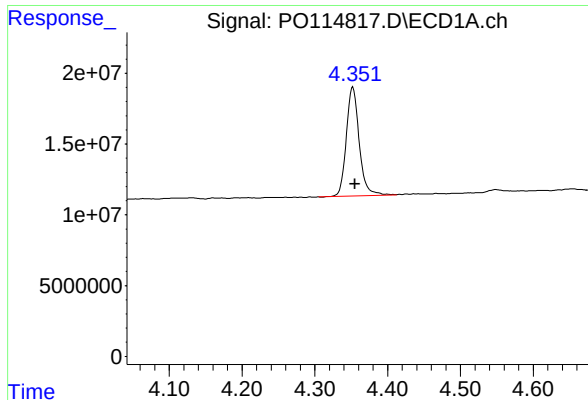
Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 23:17:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 02:40:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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







## #1 Tetrachloro-m-xylene

R.T.: 4.352 min  
Delta R.T.: -0.003 min  
Response: 94965440  
Conc: 17.49 ng/ml

Instrument :

ECD\_O

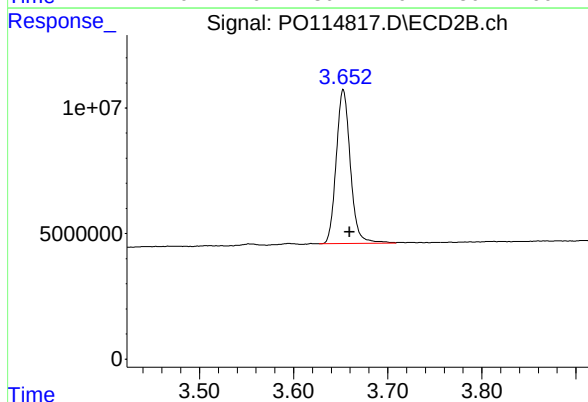
ClientSampleId :

I.BLK

## Manual Integrations

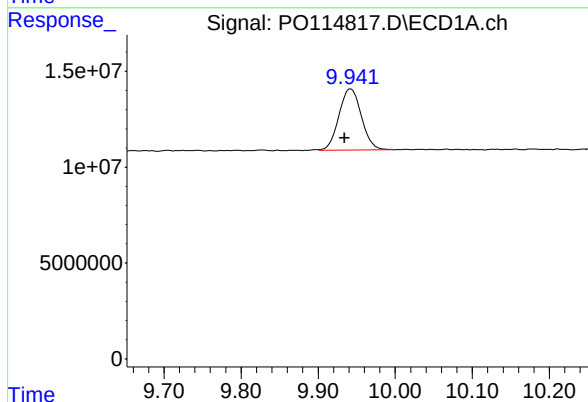
APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025



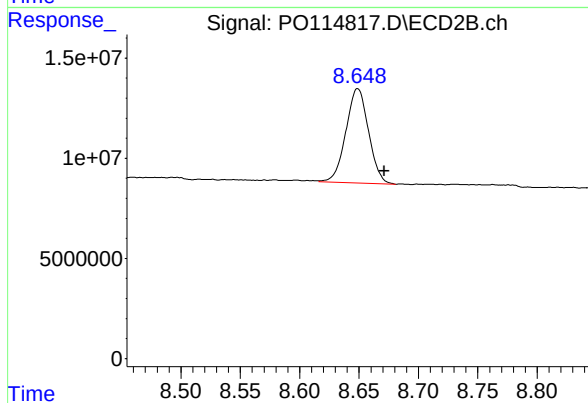
## #1 Tetrachloro-m-xylene

R.T.: 3.653 min  
Delta R.T.: -0.007 min  
Response: 64102497  
Conc: 16.02 ng/ml



## #2 Decachlorobiphenyl

R.T.: 9.942 min  
Delta R.T.: 0.008 min  
Response: 63981148  
Conc: 17.57 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.648 min  
Delta R.T.: -0.023 min  
Response: 62499262  
Conc: 18.75 ng/ml m



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Fax : 908 789 8922

## Report of Analysis

|                    |                               |                     |                 |          |
|--------------------|-------------------------------|---------------------|-----------------|----------|
| Client:            | Remington & Vernick Engineers |                     | Date Collected: | 10/21/25 |
| Project:           | Maclearie Park                |                     | Date Received:  | 10/21/25 |
| Client Sample ID:  | PIBLK-PP075887.D              |                     | SDG No.:        | Q3495    |
| Lab Sample ID:     | I.BLK-PP075887.D              |                     | Matrix:         | WATER    |
| Analytical Method: | 8082A                         |                     | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000 mL                       | Final Vol: 10000 uL | Test:           | PCB      |
| Prep Method:       | 5030                          | Prep Date:          |                 |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 12674-11-2        | Aroclor-1016         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 10/21/25  | PP102125 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/21/25  | PP102125 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/21/25  | PP102125 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/21/25  | PP102125 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/21/25  | PP102125 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/21/25  | PP102125 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 10/21/25  | PP102125 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/21/25  | PP102125 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/21/25  | PP102125 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 18.8  |      |    | 60 - 140 | 94%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 19.3  |      |    | 60 - 140 | 96%        | 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

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\_P\Data\PP102125\  
 Data File : PP075887.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2025 08:49  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 I.BLK

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 18:26:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 18:24:24 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml  |
|-----------------------------|--------|-------|----------|---------|---------|--------|
| -----                       |        |       |          |         |         |        |
| System Monitoring Compounds |        |       |          |         |         |        |
| 1) SA Tetrachlo...          | 4.644  | 3.783 | 28503905 | 124.7E6 | 19.945  | 18.843 |
| 2) SA Decachlor...          | 10.419 | 8.784 | 21974278 | 158.6E6 | 20.412m | 19.281 |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102125\  
Data File : PP075887.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2025 08:49  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

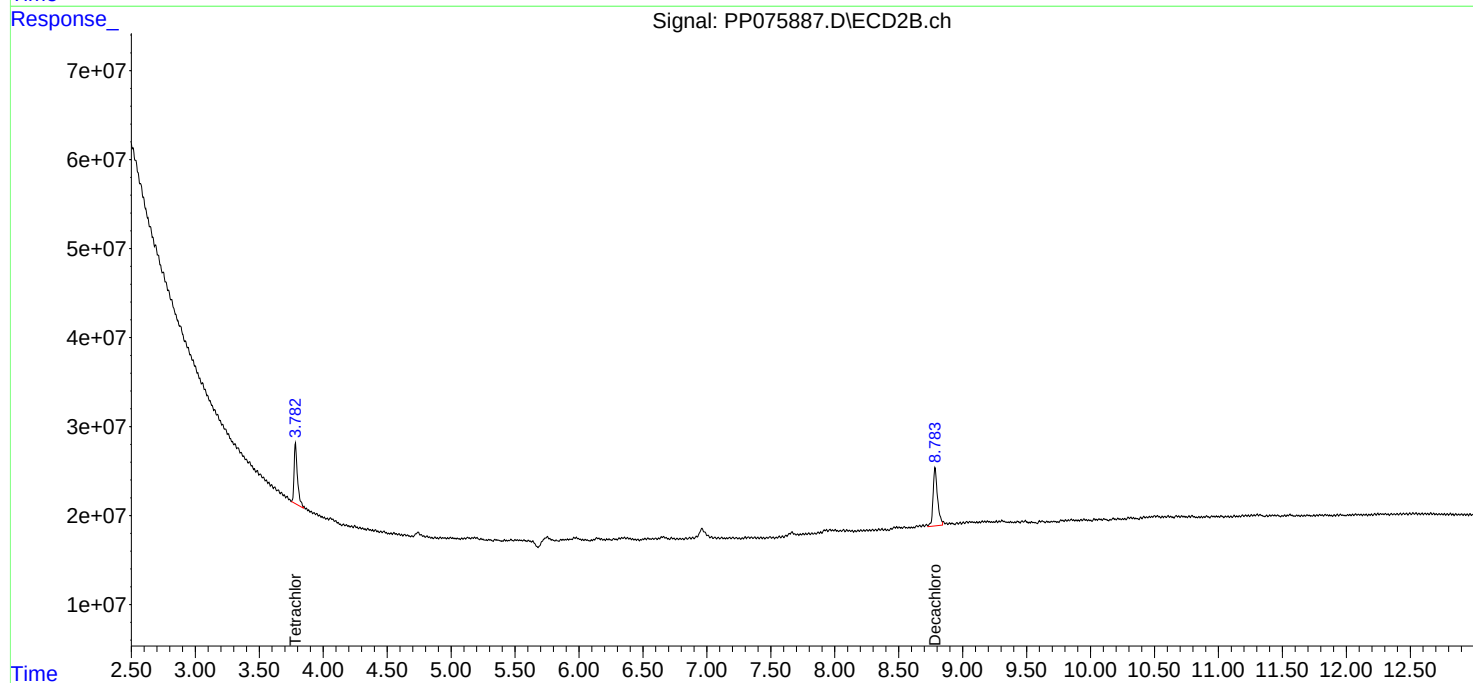
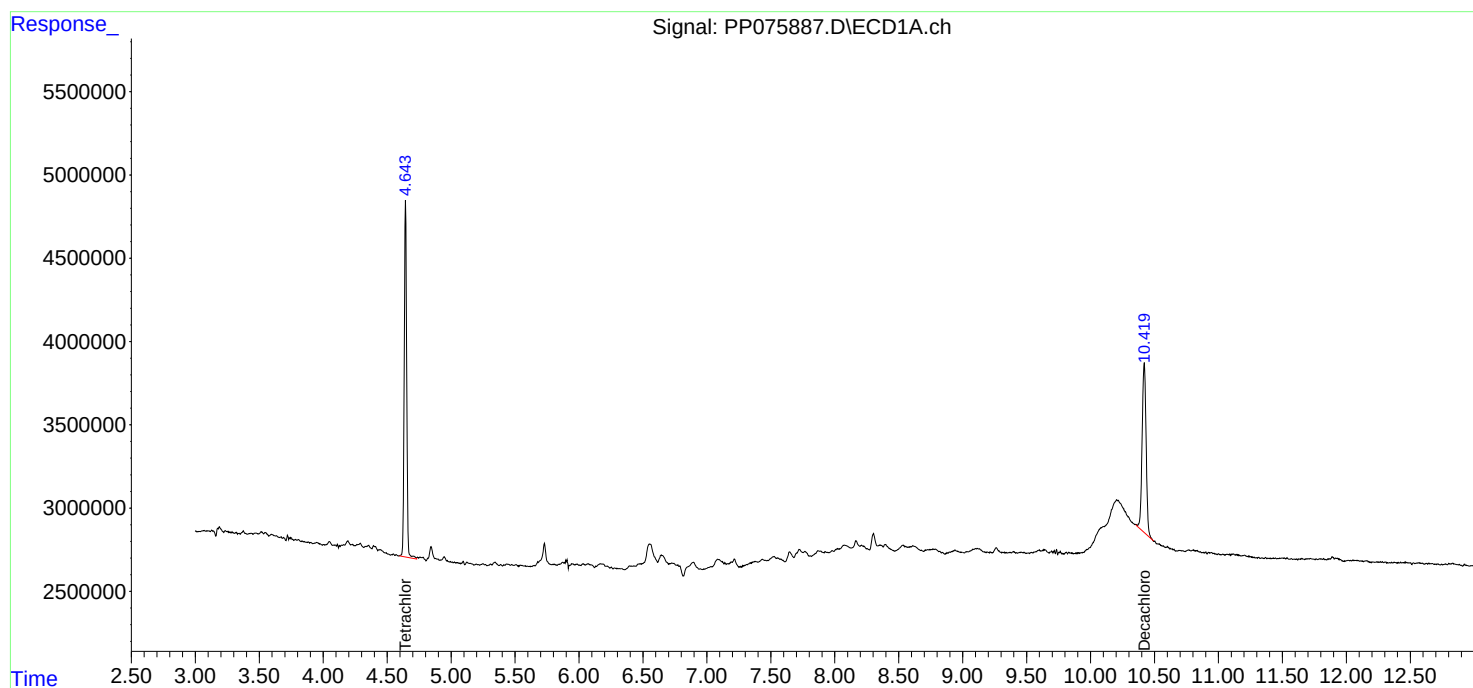
Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Manual Integrations  
APPROVED

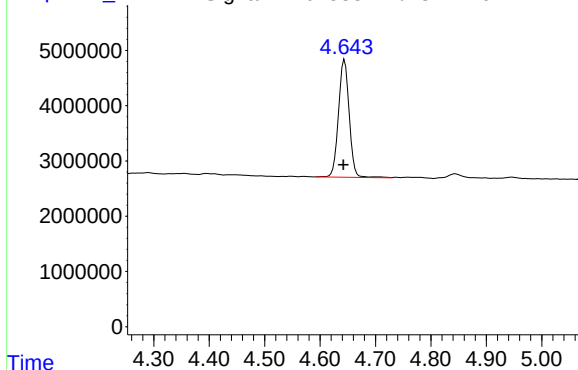
Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 18:26:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 18:24:24 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Response\_ Signal: PP075887.D\ECD1A.ch



#1 Tetrachloro-m-xylene

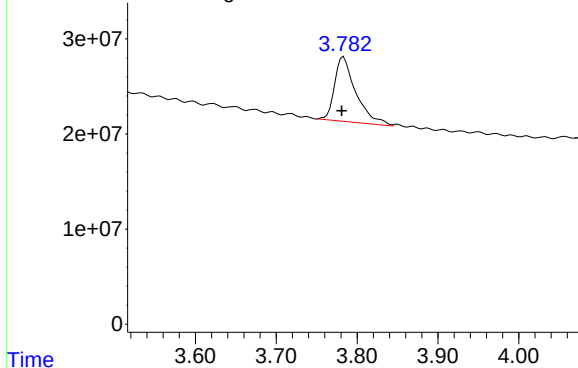
R.T.: 4.644 min  
Delta R.T.: 0.002 min  
Response: 28503905  
Conc: 19.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/22/2025  
Supervised By :mohammad ahmed 10/25/2025

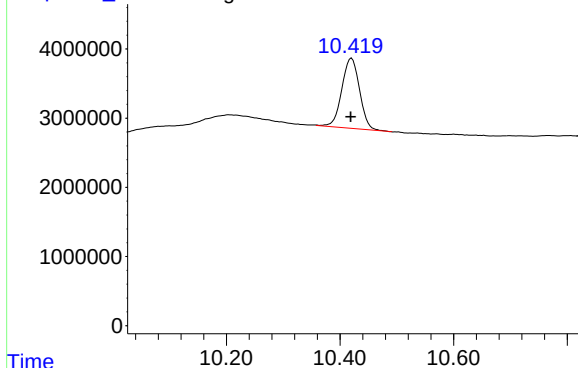
Response\_ Signal: PP075887.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.783 min  
Delta R.T.: 0.002 min  
Response: 124709992  
Conc: 18.84 ng/ml

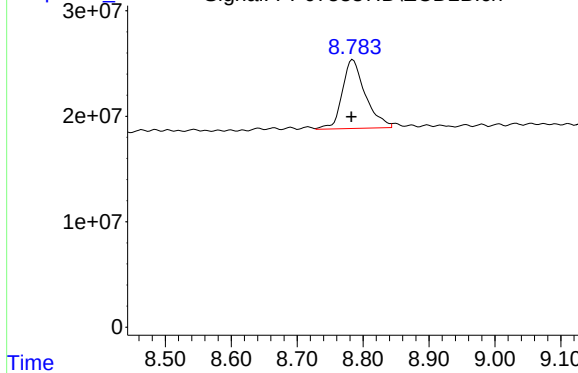
Response\_ Signal: PP075887.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.419 min  
Delta R.T.: 0.000 min  
Response: 21974278  
Conc: 20.41 ng/ml m

Response\_ Signal: PP075887.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.784 min  
Delta R.T.: 0.002 min  
Response: 158550080  
Conc: 19.28 ng/ml



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Fax : 908 789 8922

## Report of Analysis

|                    |                               |                     |                 |          |
|--------------------|-------------------------------|---------------------|-----------------|----------|
| Client:            | Remington & Vernick Engineers |                     | Date Collected: | 10/31/25 |
| Project:           | Maclearie Park                |                     | Date Received:  | 10/31/25 |
| Client Sample ID:  | PIBLK-PP076260.D              |                     | SDG No.:        | Q3495    |
| Lab Sample ID:     | I.BLK-PP076260.D              |                     | Matrix:         | WATER    |
| Analytical Method: | 8082A                         |                     | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000 mL                       | Final Vol: 10000 uL | Test:           | PCB      |
| Prep Method:       | 5030                          | Prep Date:          |                 |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 12674-11-2        | Aroclor-1016         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/31/25  | pp103125 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 19.2  |      |    | 60 - 140 | 96%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 17.9  |      |    | 60 - 140 | 90%        | 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

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\_P\Data\PP103125\  
Data File : PP076260.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 17:09  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 23:24:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 24 15:40:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|---------|--------|--------|
| -----                       |        |       |          |         |        |        |
| System Monitoring Compounds |        |       |          |         |        |        |
| 1) SA Tetrachlo...          | 4.644  | 3.782 | 31425642 | 127.0E6 | 21.990 | 19.191 |
| 2) SA Decachlor...          | 10.422 | 8.782 | 22983801 | 147.2E6 | 21.350 | 17.895 |

Target Compounds

-----

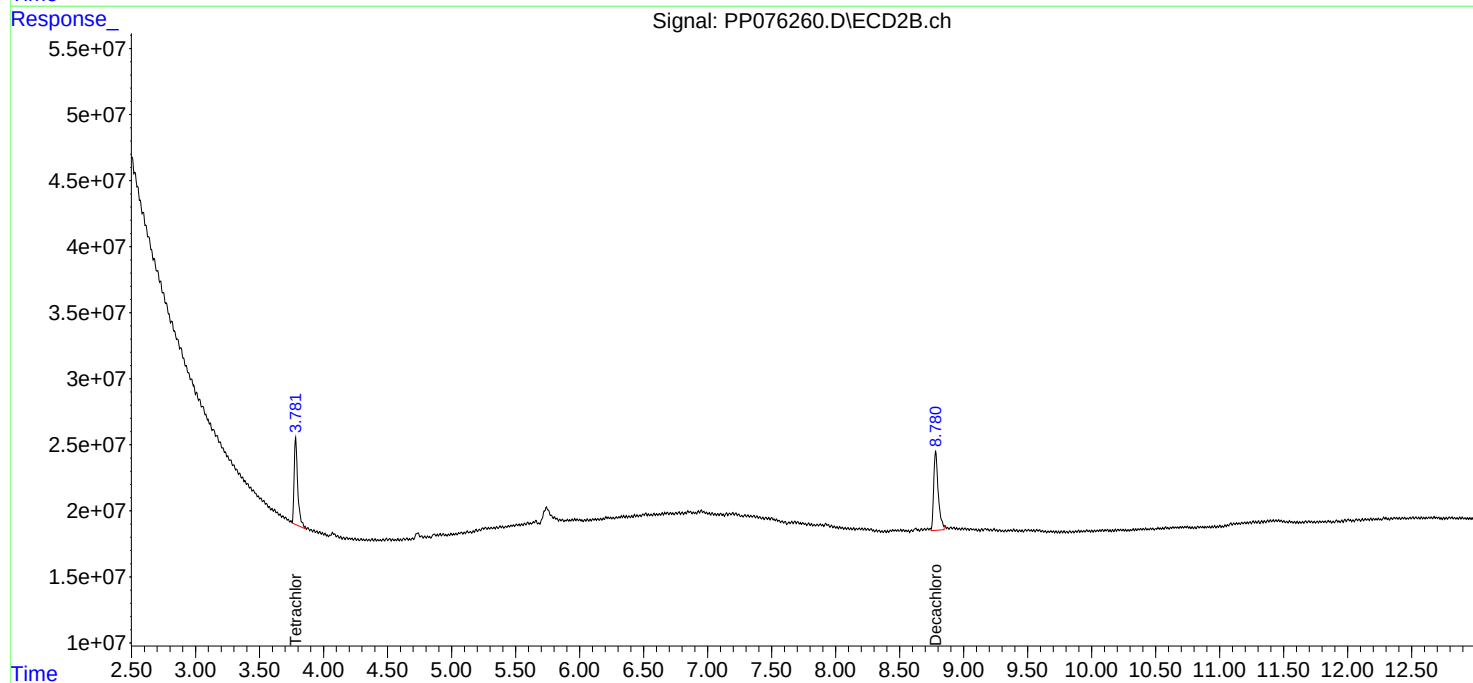
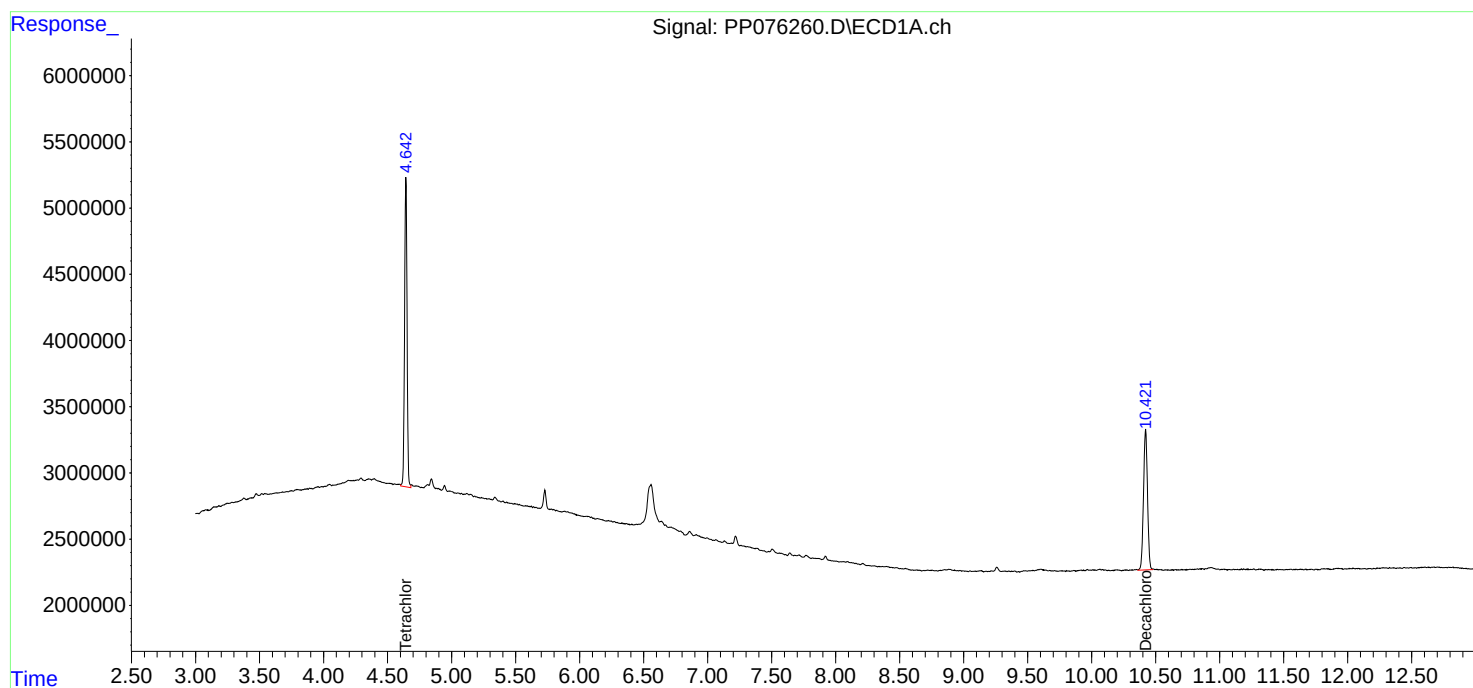
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP103125\  
Data File : PP076260.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 17:09  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

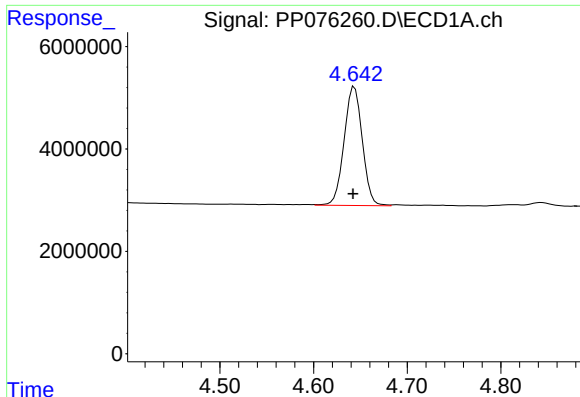
Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 23:24:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 24 15:40:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



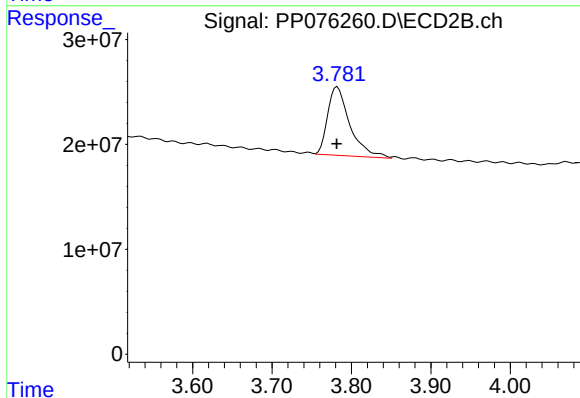




## #1 Tetrachloro-m-xylene

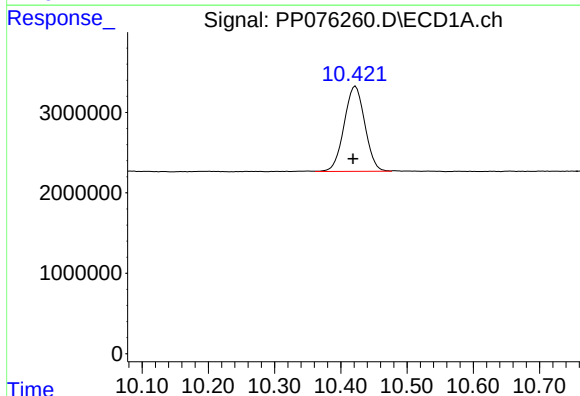
R.T.: 4.644 min  
Delta R.T.: 0.002 min  
Response: 31425642  
Conc: 21.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



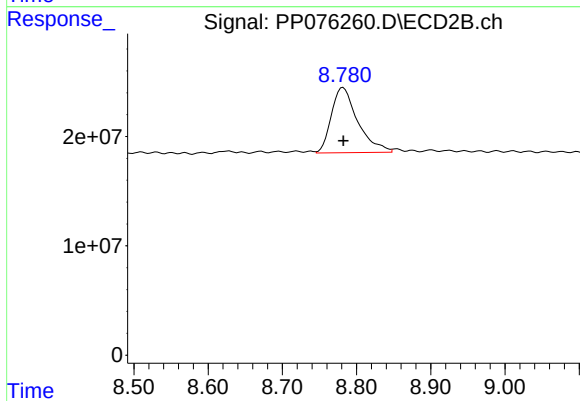
## #1 Tetrachloro-m-xylene

R.T.: 3.782 min  
Delta R.T.: 0.001 min  
Response: 127013478  
Conc: 19.19 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.422 min  
Delta R.T.: 0.003 min  
Response: 22983801  
Conc: 21.35 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.782 min  
Delta R.T.: 0.000 min  
Response: 147152227  
Conc: 17.90 ng/ml



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Fax : 908 789 8922

## Report of Analysis

|                    |                               |                     |                 |          |
|--------------------|-------------------------------|---------------------|-----------------|----------|
| Client:            | Remington & Vernick Engineers |                     | Date Collected: | 10/31/25 |
| Project:           | Maclearie Park                |                     | Date Received:  | 10/31/25 |
| Client Sample ID:  | PIBLK-PP076275.D              |                     | SDG No.:        | Q3495    |
| Lab Sample ID:     | I.BLK-PP076275.D              |                     | Matrix:         | WATER    |
| Analytical Method: | 8082A                         |                     | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000 mL                       | Final Vol: 10000 uL | Test:           | PCB      |
| Prep Method:       | 5030                          | Prep Date:          |                 |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 12674-11-2        | Aroclor-1016         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/31/25  | pp103125 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/31/25  | pp103125 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 19.3  |      |    | 60 - 140 | 97%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 17.5  |      |    | 60 - 140 | 87%        | 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

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\_P\Data\PP103125\  
Data File : PP076275.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 22:34  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 23:28:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 24 15:40:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|--------|-------|----------|---------|--------|--------|
| -----                       |                 |        |       |          |         |        |        |
| System Monitoring Compounds |                 |        |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 4.645  | 3.780 | 30851530 | 127.7E6 | 21.588 | 19.299 |
| 2)                          | SA Decachlor... | 10.423 | 8.781 | 22654969 | 143.6E6 | 21.045 | 17.462 |

Target Compounds

-----

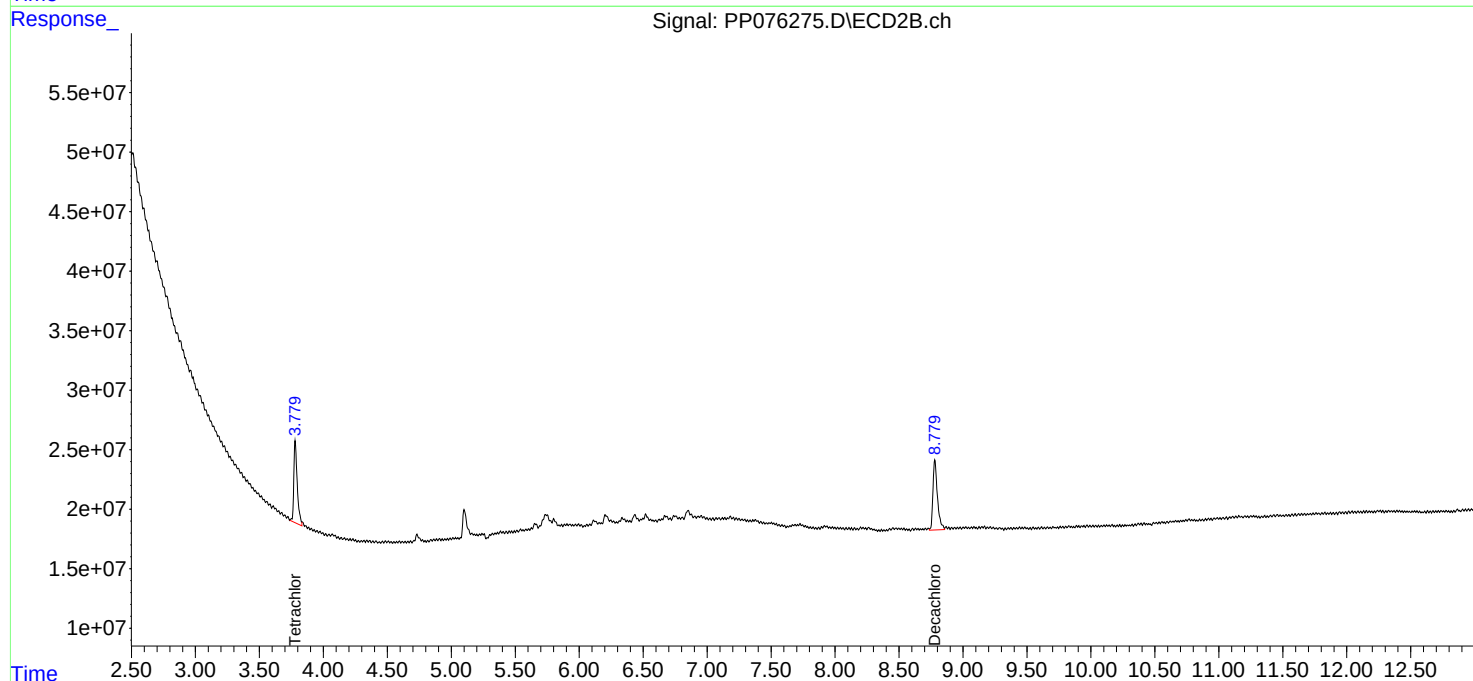
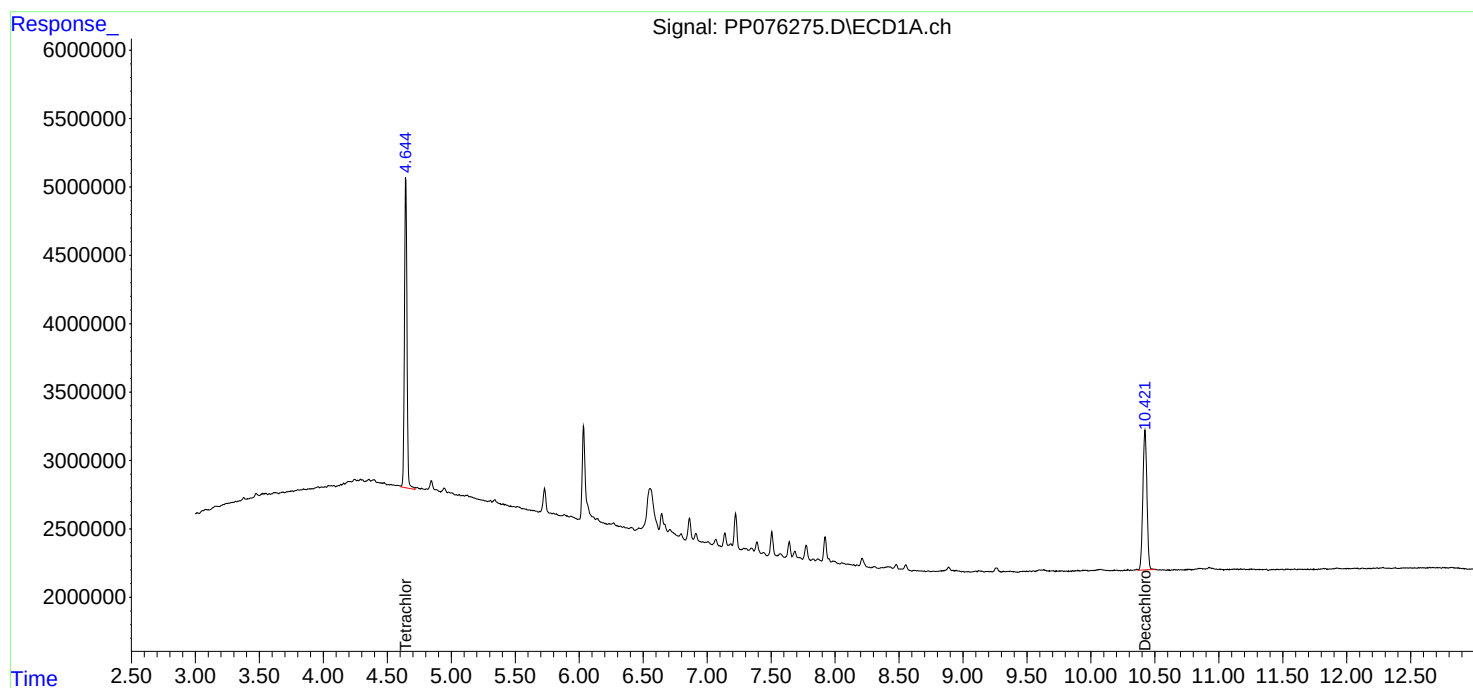
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

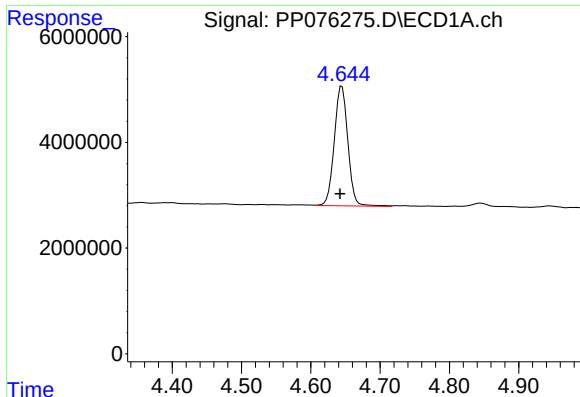
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP103125\  
Data File : PP076275.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 22:34  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 23:28:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 24 15:40:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

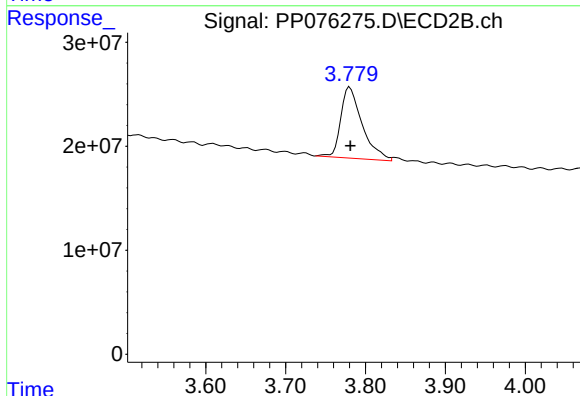




## #1 Tetrachloro-m-xylene

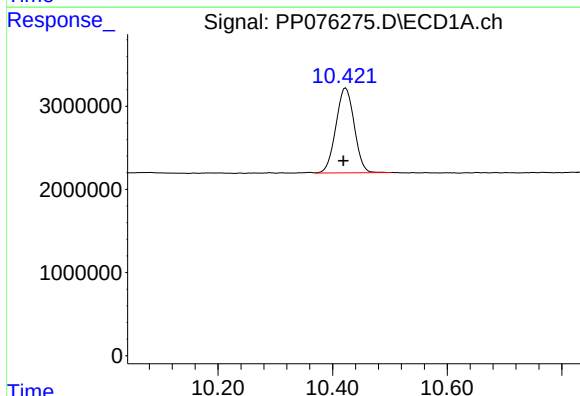
R.T.: 4.645 min  
Delta R.T.: 0.003 min  
Response: 30851530  
Conc: 21.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



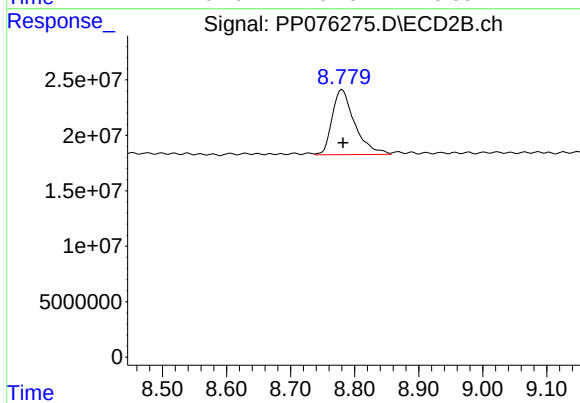
## #1 Tetrachloro-m-xylene

R.T.: 3.780 min  
Delta R.T.: 0.000 min  
Response: 127726179  
Conc: 19.30 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.423 min  
Delta R.T.: 0.004 min  
Response: 22654969  
Conc: 21.04 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.781 min  
Delta R.T.: -0.001 min  
Response: 143592542  
Conc: 17.46 ng/ml



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Fax : 908 789 8922

## Report of Analysis

Client: Remington & Vernick Engineers  
Project: Maclearie Park  
Client Sample ID: PB170339BS  
Lab Sample ID: PB170339BS  
Analytical Method: 8082A  
Sample Wt/Vol: 30.02 g Final Vol: 10000 uL  
Prep Method: SW3541 Prep Date: 10/31/25

Date Collected:  
Date Received:  
SDG No.: Q3495  
Matrix: SOIL  
% Solid: 100  
Test: PCB

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 183   |      | 1  | 3.90     | 17.0       | ug/kg   | 10/31/25 13:40 | PB170339 |
| 11104-28-2        | Aroclor-1221         | 4.00  | U    | 1  | 4.00     | 17.0       | ug/kg   | 10/31/25 13:40 | PB170339 |
| 11141-16-5        | Aroclor-1232         | 3.70  | U    | 1  | 3.70     | 17.0       | ug/kg   | 10/31/25 13:40 | PB170339 |
| 53469-21-9        | Aroclor-1242         | 4.00  | U    | 1  | 4.00     | 17.0       | ug/kg   | 10/31/25 13:40 | PB170339 |
| 12672-29-6        | Aroclor-1248         | 5.90  | U    | 1  | 5.90     | 17.0       | ug/kg   | 10/31/25 13:40 | PB170339 |
| 11097-69-1        | Aroclor-1254         | 3.20  | U    | 1  | 3.20     | 17.0       | ug/kg   | 10/31/25 13:40 | PB170339 |
| 37324-23-5        | Aroclor-1262         | 5.00  | U    | 1  | 5.00     | 17.0       | ug/kg   | 10/31/25 13:40 | PB170339 |
| 11100-14-4        | Aroclor-1268         | 3.60  | U    | 1  | 3.60     | 17.0       | ug/kg   | 10/31/25 13:40 | PB170339 |
| 11096-82-5        | Aroclor-1260         | 170   |      | 1  | 3.20     | 17.0       | ug/kg   | 10/31/25 13:40 | PB170339 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 27.4  |      |    | 32 - 144 | 137%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 26.7  |      |    | 32 - 175 | 134%       | 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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
 Data File : PO114808.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2025 13:40  
 Operator : YP/AJ  
 Sample : PB170339BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

**Instrument :**

ECD\_O

**ClientSampleId :**

PB170339BS

**Manual Integrations****APPROVED**

Reviewed By :Rahul Chavli 11/03/2025

Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 14:22:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 02:40:25 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-------|-------|----------|----------|---------|----------|
| -----                       |       |       |          |          |         |          |
| System Monitoring Compounds |       |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.350 | 3.652 | 148.7E6  | 92245423 | 27.383  | 23.048   |
| 2) SA Decachlor...          | 9.940 | 8.648 | 97311516 | 87763247 | 26.726  | 26.330   |
| Target Compounds            |       |       |          |          |         |          |
| 3) L1 AR-1016-1             | 5.489 | 4.730 | 101.0E6  | 79080584 | 560.157 | 469.643m |
| 4) L1 AR-1016-2             | 5.511 | 4.750 | 161.6E6  | 112.5E6  | 531.110 | 464.731  |
| 5) L1 AR-1016-3             | 5.572 | 4.925 | 94881905 | 58591179 | 536.504 | 471.925  |
| 6) L1 AR-1016-4             | 5.669 | 4.967 | 77095471 | 45267840 | 560.472 | 468.973  |
| 7) L1 AR-1016-5             | 5.960 | 5.179 | 69960415 | 61008311 | 554.073 | 477.166  |
| 31) L7 AR-1260-1            | 7.075 | 6.210 | 120.7E6  | 123.4E6  | 553.731 | 523.963  |
| 32) L7 AR-1260-2            | 7.329 | 6.398 | 174.2E6  | 181.4E6  | 564.548 | 542.463  |
| 33) L7 AR-1260-3            | 7.687 | 6.550 | 105.1E6  | 147.5E6  | 409.805 | 500.162  |
| 34) L7 AR-1260-4            | 7.908 | 7.022 | 111.4E6  | 110.5E6  | 478.069 | 495.669m |
| 35) L7 AR-1260-5            | 8.216 | 7.263 | 257.2E6  | 297.1E6  | 443.401 | 484.649  |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
Data File : PO114808.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 13:40  
Operator : YP/AJ  
Sample : PB170339BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

## Instrument :

ECD\_O

## ClientSampleId :

PB170339BS

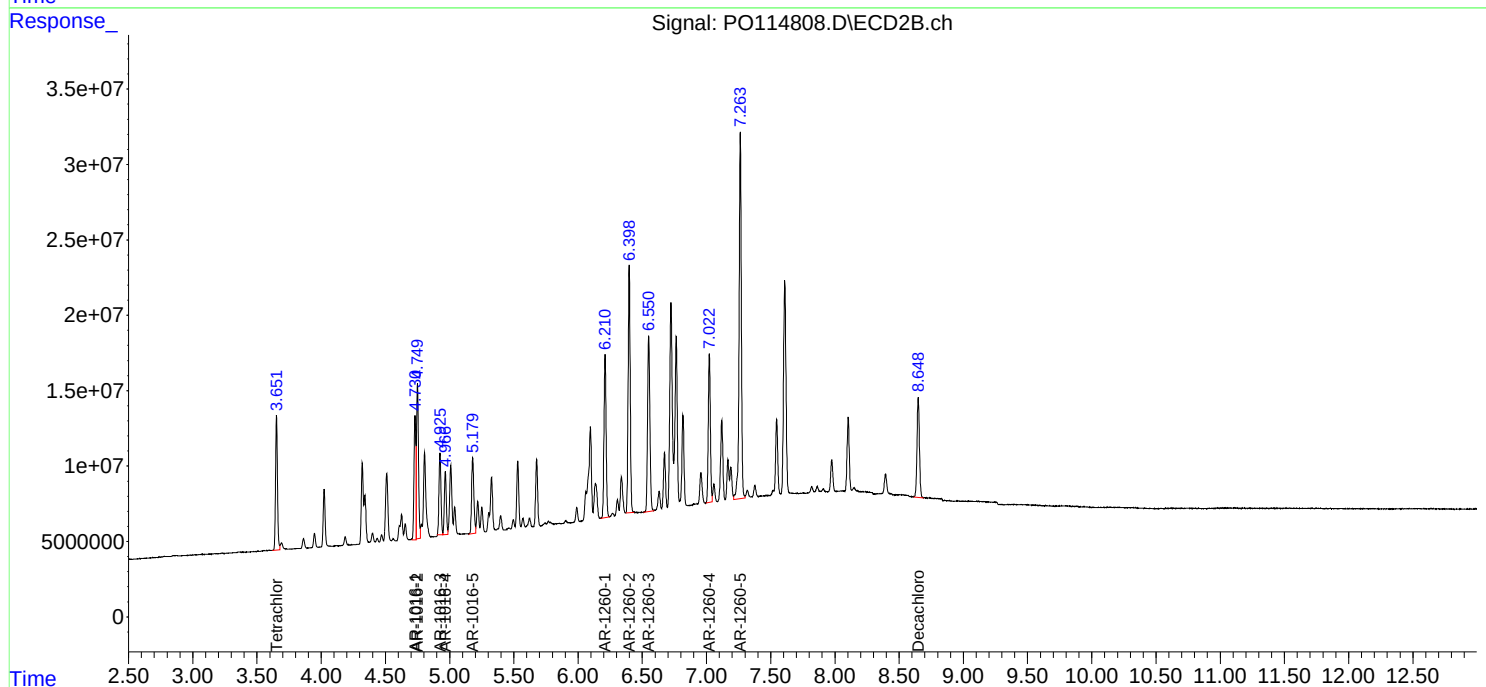
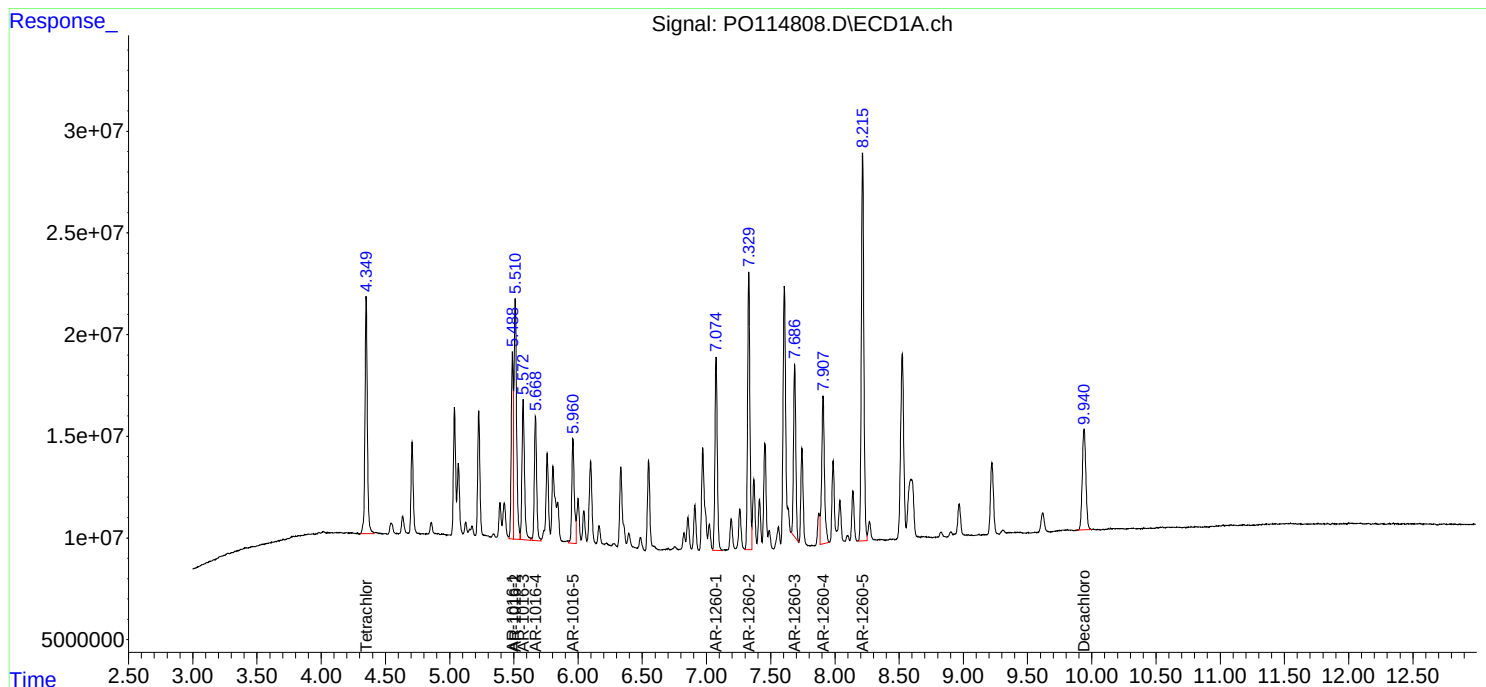
## Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 14:22:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 02:40:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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







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

## Report of Analysis

|                    |                               |                     |                 |       |
|--------------------|-------------------------------|---------------------|-----------------|-------|
| Client:            | Remington & Vernick Engineers |                     | Date Collected: |       |
| Project:           | Maclearie Park                |                     | Date Received:  |       |
| Client Sample ID:  | PB170347BS                    |                     | SDG No.:        | Q3495 |
| Lab Sample ID:     | PB170347BS                    |                     | Matrix:         | WATER |
| Analytical Method: | 8082A                         |                     | % Solid:        | 0     |
| Sample Wt/Vol:     | 1000 mL                       | Final Vol: 10000 uL | Test:           | PCB   |
| Prep Method:       |                               | Prep Date: 10/31/25 |                 |       |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 5.00  |      | 1  | 0.097    | 0.50       | ug/L    | 10/31/25 17:42 | PB170347 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/31/25 17:42 | PB170347 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/31/25 17:42 | PB170347 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/31/25 17:42 | PB170347 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/31/25 17:42 | PB170347 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/31/25 17:42 | PB170347 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/31/25 17:42 | PB170347 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/31/25 17:42 | PB170347 |
| 11096-82-5        | Aroclor-1260         | 5.00  |      | 1  | 0.081    | 0.50       | ug/L    | 10/31/25 17:42 | PB170347 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 32.9  |      |    | 30 - 173 | 165%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 30.7  |      |    | 10 - 173 | 153%       | 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

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\_P\Data\PP103125\  
 Data File : PP076262.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2025 17:42  
 Operator : YP\AJ  
 Sample : PB170347BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB170347BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 23:24:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 24 15:40:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|--------|-------|----------|----------|----------|----------|
| -----                       |        |       |          |          |          |          |
| System Monitoring Compounds |        |       |          |          |          |          |
| 1) SA Tetrachlo...          | 4.645  | 3.781 | 47022137 | 195.1E6  | 32.903   | 29.478   |
| 2) SA Decachlor...          | 10.424 | 8.780 | 33043879 | 213.7E6  | 30.695   | 25.991   |
| Target Compounds            |        |       |          |          |          |          |
| 3) L1 AR-1016-1             | 5.798  | 4.877 | 29295331 | 342.1E6  | 495.472  | 462.183  |
| 4) L1 AR-1016-2             | 5.820  | 4.934 | 45559998 | 158.7E6  | 515.128  | 464.017  |
| 5) L1 AR-1016-3             | 5.882  | 5.055 | 27788598 | 86359712 | 502.043  | 420.564  |
| 6) L1 AR-1016-4             | 5.979  | 5.095 | 23002476 | 86626172 | 506.214  | 463.525  |
| 7) L1 AR-1016-5             | 6.272  | 5.307 | 20960024 | 100.1E6  | 482.888  | 439.151m |
| 31) L7 AR-1260-1            | 7.390  | 6.337 | 37719179 | 264.9E6  | 548.590  | 483.708  |
| 32) L7 AR-1260-2            | 7.643  | 6.524 | 46656068 | 415.3E6  | 520.847  | 510.369  |
| 33) L7 AR-1260-3            | 8.002  | 6.677 | 31346876 | 291.3E6  | 452.424  | 517.589  |
| 34) L7 AR-1260-4            | 8.229  | 7.146 | 35124942 | 257.0E6  | 512.239m | 494.863  |
| 35) L7 AR-1260-5            | 8.556  | 7.386 | 66939509 | 625.9E6  | 452.442  | 461.698  |
| -----                       |        |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP103125\  
Data File : PP076262.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 17:42  
Operator : YP\AJ  
Sample : PB170347BS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

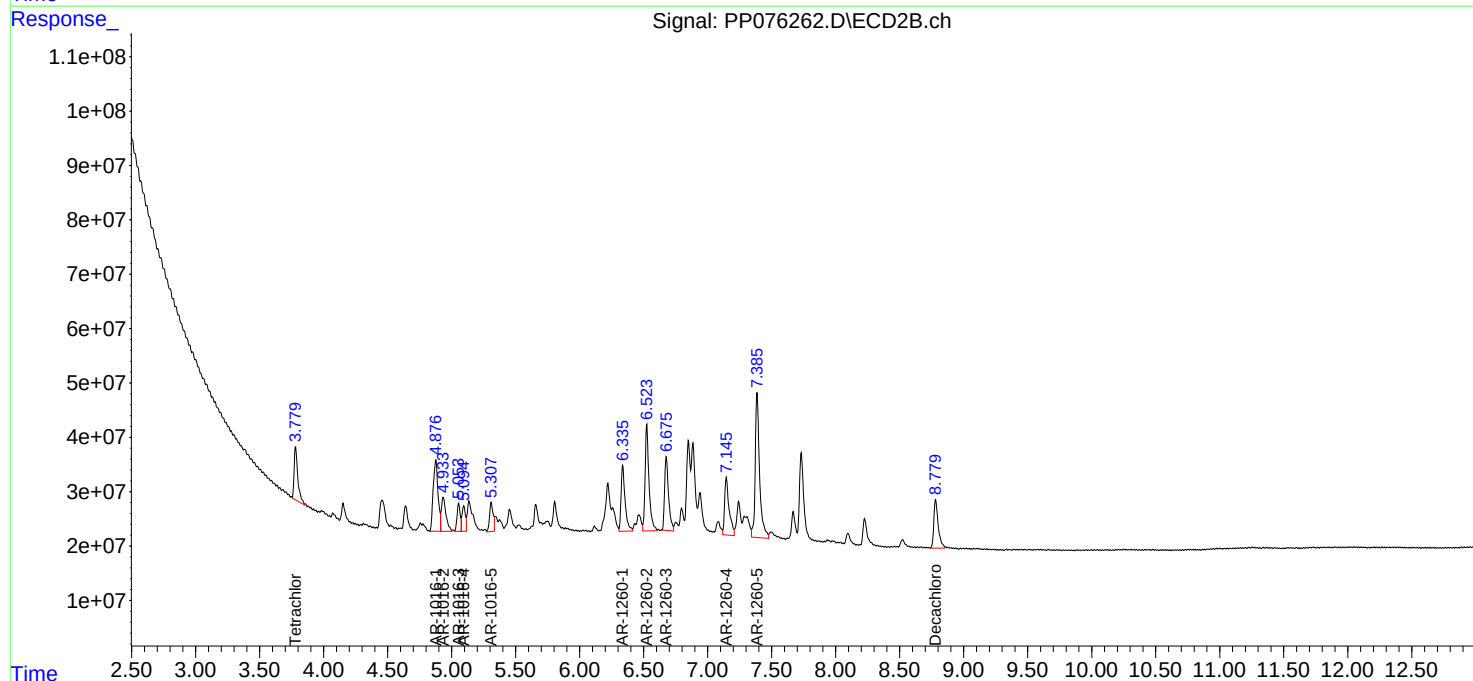
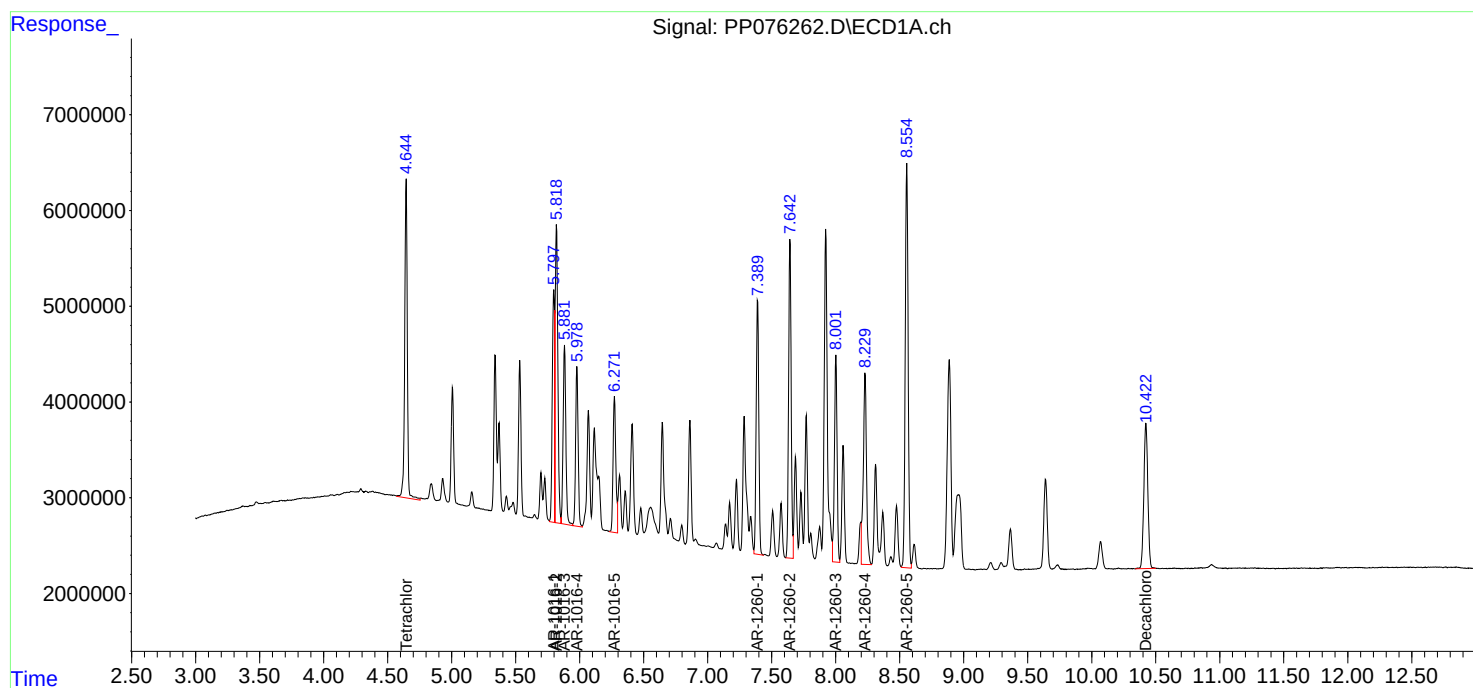
Instrument :  
ECD\_P  
ClientSampleId :  
PB170347BS

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 23:24:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 24 15:40:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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Fax : 908 789 8922

## Report of Analysis

Client: Remington & Vernick Engineers  
Project: Maclearie Park  
Client Sample ID: PB170347BSD  
Lab Sample ID: PB170347BSD  
Analytical Method: 8082A  
Sample Wt/Vol: 1000 mL Final Vol: 10000 uL  
Prep Method: Prep Date: 10/31/25

Date Collected:  
Date Received:  
SDG No.: Q3495  
Matrix: WATER  
% Solid: 0  
Test: PCB

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 4.90  |      | 1  | 0.097    | 0.50       | ug/L    | 10/31/25 17:58 | PB170347 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/31/25 17:58 | PB170347 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/31/25 17:58 | PB170347 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/31/25 17:58 | PB170347 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/31/25 17:58 | PB170347 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/31/25 17:58 | PB170347 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/31/25 17:58 | PB170347 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/31/25 17:58 | PB170347 |
| 11096-82-5        | Aroclor-1260         | 5.00  |      | 1  | 0.081    | 0.50       | ug/L    | 10/31/25 17:58 | PB170347 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 31.0  |      |    | 30 - 173 | 155%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 29.8  |      |    | 10 - 173 | 149%       | 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

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\_P\Data\PP103125\  
 Data File : PP076263.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2025 17:58  
 Operator : YP\AJ  
 Sample : PB170347BSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB170347BSD

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 23:24:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 24 15:40:32 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml   |
|-----------------------------|--------|-------|----------|----------|----------|---------|
| -----                       |        |       |          |          |          |         |
| System Monitoring Compounds |        |       |          |          |          |         |
| 1) SA Tetrachlo...          | 4.643  | 3.779 | 44283284 | 194.9E6  | 30.987   | 29.441  |
| 2) SA Decachlor...          | 10.421 | 8.779 | 32080548 | 205.2E6  | 29.800   | 24.957  |
| Target Compounds            |        |       |          |          |          |         |
| 3) L1 AR-1016-1             | 5.796  | 4.875 | 29048618 | 334.6E6  | 491.299  | 452.019 |
| 4) L1 AR-1016-2             | 5.817  | 4.932 | 43803809 | 145.7E6  | 495.271  | 426.097 |
| 5) L1 AR-1016-3             | 5.880  | 5.051 | 26827110 | 87876137 | 484.672  | 427.949 |
| 6) L1 AR-1016-4             | 5.978  | 5.092 | 22283359 | 84859502 | 490.389  | 454.072 |
| 7) L1 AR-1016-5             | 6.270  | 5.307 | 20209345 | 92515263 | 465.594  | 405.799 |
| 31) L7 AR-1260-1            | 7.388  | 6.334 | 36806070 | 276.7E6  | 535.310  | 505.157 |
| 32) L7 AR-1260-2            | 7.641  | 6.522 | 45738627 | 401.5E6  | 510.605  | 493.371 |
| 33) L7 AR-1260-3            | 8.000  | 6.674 | 30770729 | 290.4E6  | 444.108  | 516.060 |
| 34) L7 AR-1260-4            | 8.226  | 7.144 | 34831455 | 264.3E6  | 507.959m | 508.871 |
| 35) L7 AR-1260-5            | 8.554  | 7.383 | 65626888 | 618.9E6  | 443.570  | 456.546 |
| -----                       |        |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP103125\  
Data File : PP076263.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 17:58  
Operator : YP\AJ  
Sample : PB170347BSD  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

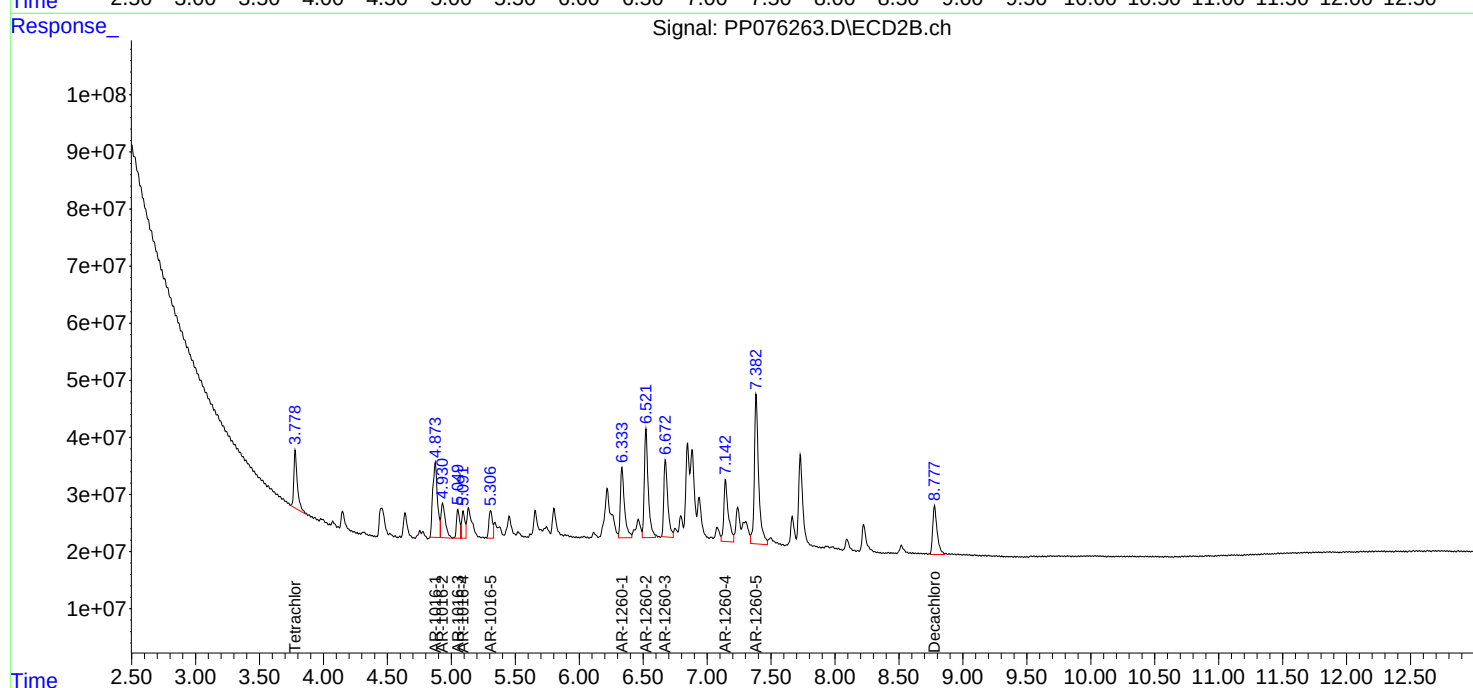
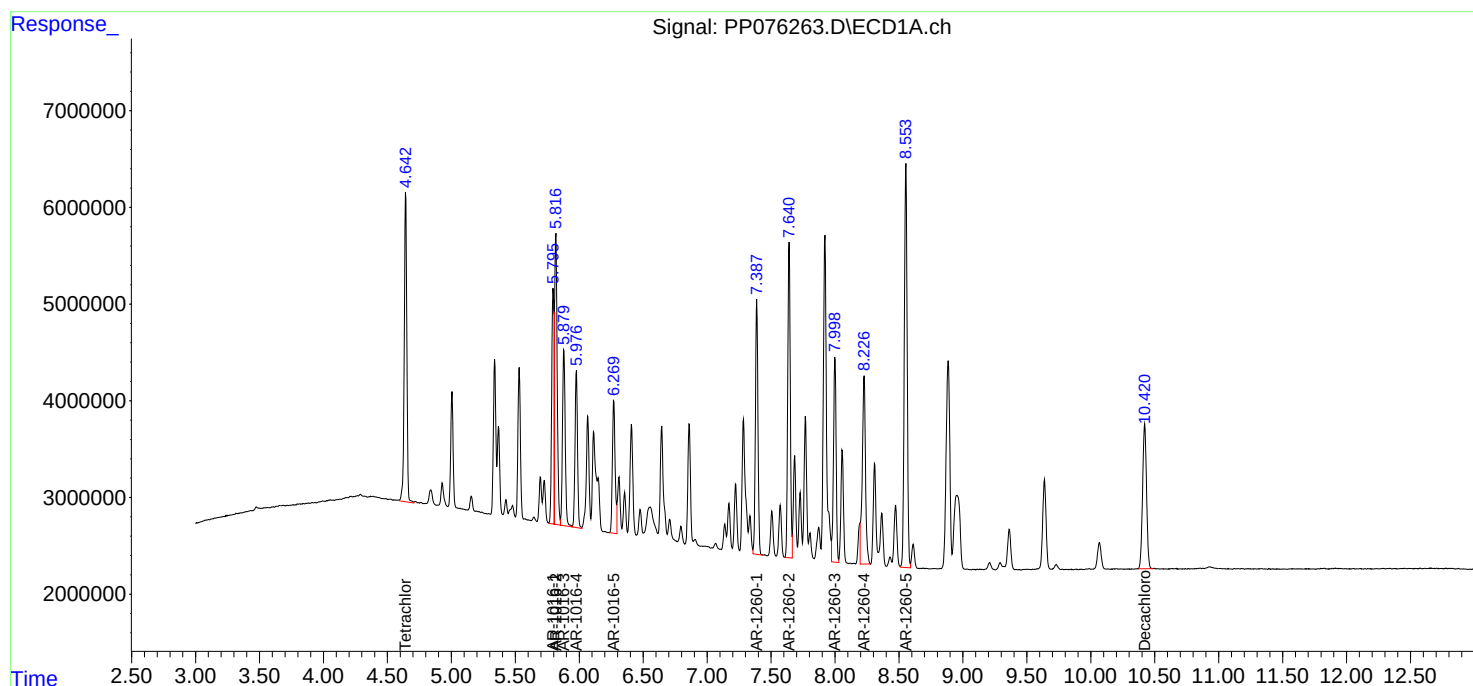
Instrument :  
ECD\_P  
ClientSampleId :  
PB170347BSD

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 23:24:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 24 15:40:32 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

## Report of Analysis

|                    |                               |                     |                 |          |
|--------------------|-------------------------------|---------------------|-----------------|----------|
| Client:            | Remington & Vernick Engineers |                     | Date Collected: | 10/27/25 |
| Project:           | Maclearie Park                |                     | Date Received:  | 10/29/25 |
| Client Sample ID:  | SB-1025-2MS                   |                     | SDG No.:        | Q3495    |
| Lab Sample ID:     | Q3495-02MS                    |                     | Matrix:         | SOIL     |
| Analytical Method: | 8082A                         |                     | % Solid:        | 75.1     |
| Sample Wt/Vol:     | 30.09 g                       | Final Vol: 10000 uL | Test:           | PCB      |
| Prep Method:       | SW3541                        | Prep Date: 10/31/25 |                 |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 227   |      | 1  | 5.20     | 22.6       | ug/kg   | 10/31/25 14:17 | PB170339 |
| 11104-28-2        | Aroclor-1221         | 5.40  | U    | 1  | 5.40     | 22.6       | ug/kg   | 10/31/25 14:17 | PB170339 |
| 11141-16-5        | Aroclor-1232         | 4.90  | U    | 1  | 4.90     | 22.6       | ug/kg   | 10/31/25 14:17 | PB170339 |
| 53469-21-9        | Aroclor-1242         | 5.30  | U    | 1  | 5.30     | 22.6       | ug/kg   | 10/31/25 14:17 | PB170339 |
| 12672-29-6        | Aroclor-1248         | 7.90  | U    | 1  | 7.90     | 22.6       | ug/kg   | 10/31/25 14:17 | PB170339 |
| 11097-69-1        | Aroclor-1254         | 4.30  | U    | 1  | 4.30     | 22.6       | ug/kg   | 10/31/25 14:17 | PB170339 |
| 37324-23-5        | Aroclor-1262         | 6.70  | U    | 1  | 6.70     | 22.6       | ug/kg   | 10/31/25 14:17 | PB170339 |
| 11100-14-4        | Aroclor-1268         | 4.80  | U    | 1  | 4.80     | 22.6       | ug/kg   | 10/31/25 14:17 | PB170339 |
| 11096-82-5        | Aroclor-1260         | 204   |      | 1  | 4.30     | 22.6       | ug/kg   | 10/31/25 14:17 | PB170339 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 21.6  |      |    | 32 - 144 | 108%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 16.4  |      |    | 32 - 175 | 82%        | 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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
 Data File : PO114810.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2025 14:17  
 Operator : YP/AJ  
 Sample : Q3495-02MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

**Instrument :**

ECD\_O

**ClientSampleId :**

SB-1025-2MS

**Manual Integrations****APPROVED**

Reviewed By :Rahul Chavli 11/03/2025

Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 14:35:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 02:40:25 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-------|-------|----------|----------|---------|-----------|
| -----                       |       |       |          |          |         |           |
| System Monitoring Compounds |       |       |          |          |         |           |
| 1) SA Tetrachlo...          | 4.353 | 3.653 | 117.1E6  | 73612514 | 21.574  | 18.393    |
| 2) SA Decachlor...          | 9.944 | 8.651 | 55620239 | 54790538 | 15.276  | 16.438    |
| Target Compounds            |       |       |          |          |         |           |
| 3) L1 AR-1016-1             | 5.493 | 4.732 | 95216129 | 74731045 | 527.929 | 443.812m  |
| 4) L1 AR-1016-2             | 5.514 | 4.751 | 152.8E6  | 108.2E6  | 502.161 | 447.127   |
| 5) L1 AR-1016-3             | 5.576 | 4.926 | 88812602 | 57887206 | 502.185 | 466.255   |
| 6) L1 AR-1016-4             | 5.672 | 4.968 | 73034409 | 44444481 | 530.949 | 460.443   |
| 7) L1 AR-1016-5             | 5.963 | 5.180 | 63815200 | 58292939 | 505.405 | 455.928   |
| 31) L7 AR-1260-1            | 7.077 | 6.212 | 112.2E6  | 113.6E6  | 514.763 | 482.432   |
| 32) L7 AR-1260-2            | 7.331 | 6.400 | 152.0E6  | 162.7E6  | 492.738 | 486.629   |
| 33) L7 AR-1260-3            | 7.689 | 6.552 | 93352810 | 134.2E6  | 363.991 | 455.086 # |
| 34) L7 AR-1260-4            | 7.911 | 7.024 | 101.7E6  | 100.4E6  | 436.648 | 450.457m  |
| 35) L7 AR-1260-5            | 8.218 | 7.265 | 227.4E6  | 265.7E6  | 391.918 | 433.444   |
| -----                       |       |       |          |          |         |           |

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
Data File : PO114810.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 14:17  
Operator : YP/AJ  
Sample : Q3495-02MS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

## Instrument :

ECD\_O

## ClientSampleId :

SB-1025-2MS

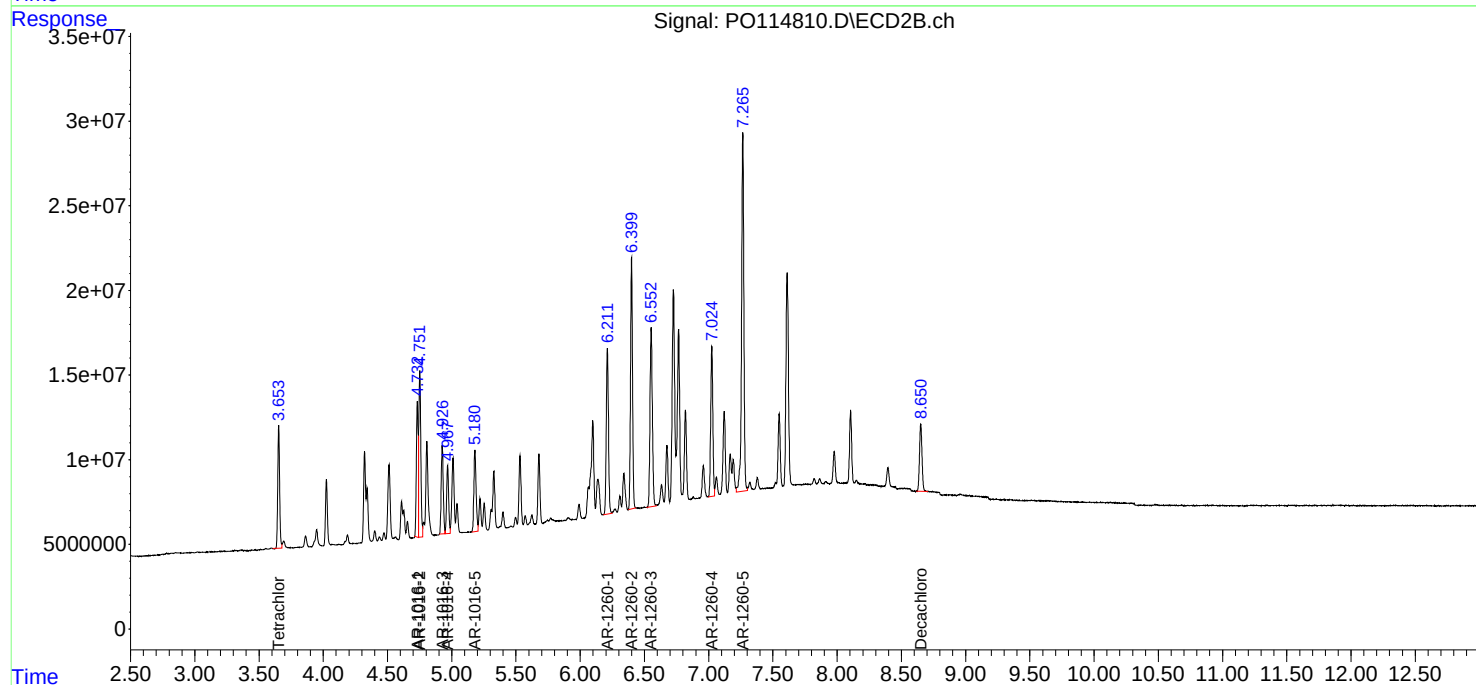
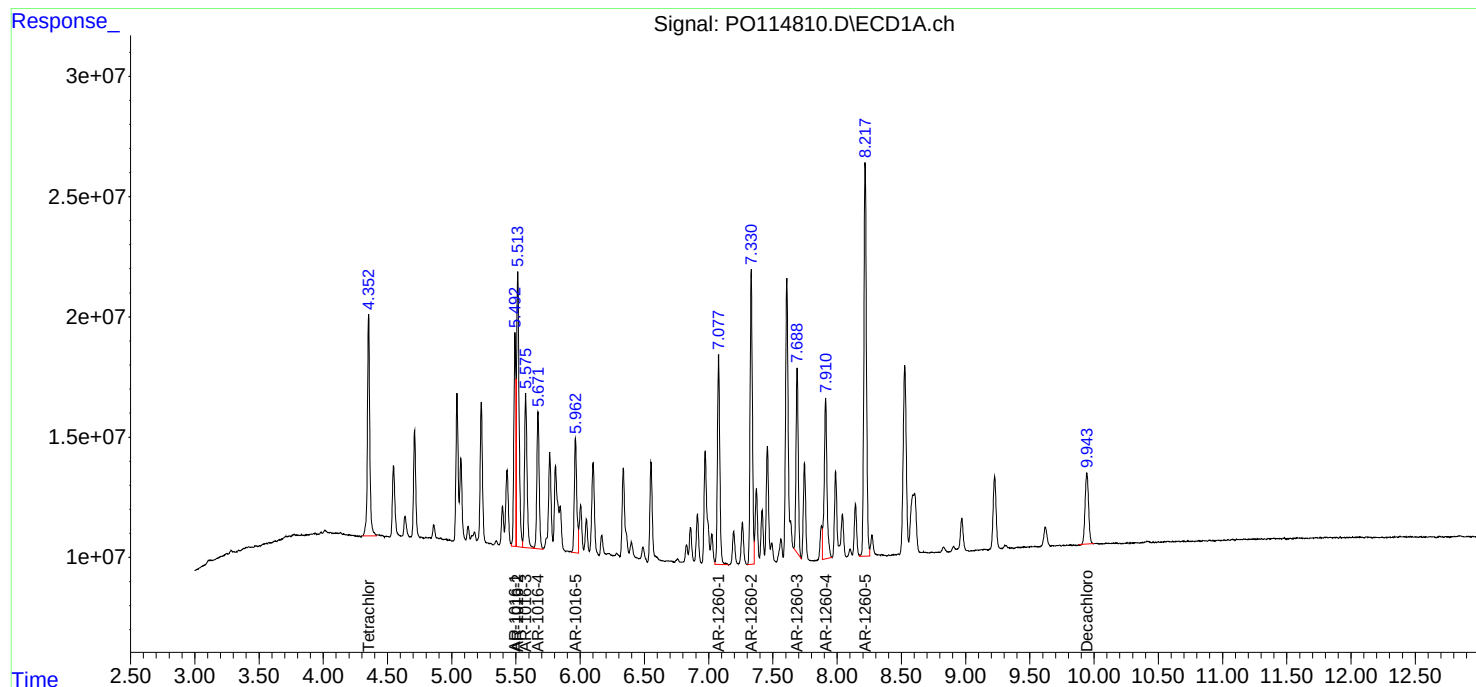
## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 14:35:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 02:40:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

## Report of Analysis

|                    |                               |                     |                 |          |
|--------------------|-------------------------------|---------------------|-----------------|----------|
| Client:            | Remington & Vernick Engineers |                     | Date Collected: | 10/27/25 |
| Project:           | Maclearie Park                |                     | Date Received:  | 10/29/25 |
| Client Sample ID:  | SB-1025-2MSD                  |                     | SDG No.:        | Q3495    |
| Lab Sample ID:     | Q3495-02MSD                   |                     | Matrix:         | SOIL     |
| Analytical Method: | 8082A                         |                     | % Solid:        | 75.1     |
| Sample Wt/Vol:     | 30.08 g                       | Final Vol: 10000 uL | Test:           | PCB      |
| Prep Method:       | SW3541                        | Prep Date: 10/31/25 |                 |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 229   |      | 1  | 5.20     | 22.6       | ug/kg   | 10/31/25 14:35 | PB170339 |
| 11104-28-2        | Aroclor-1221         | 5.40  | U    | 1  | 5.40     | 22.6       | ug/kg   | 10/31/25 14:35 | PB170339 |
| 11141-16-5        | Aroclor-1232         | 4.90  | U    | 1  | 4.90     | 22.6       | ug/kg   | 10/31/25 14:35 | PB170339 |
| 53469-21-9        | Aroclor-1242         | 5.30  | U    | 1  | 5.30     | 22.6       | ug/kg   | 10/31/25 14:35 | PB170339 |
| 12672-29-6        | Aroclor-1248         | 7.90  | U    | 1  | 7.90     | 22.6       | ug/kg   | 10/31/25 14:35 | PB170339 |
| 11097-69-1        | Aroclor-1254         | 4.30  | U    | 1  | 4.30     | 22.6       | ug/kg   | 10/31/25 14:35 | PB170339 |
| 37324-23-5        | Aroclor-1262         | 6.70  | U    | 1  | 6.70     | 22.6       | ug/kg   | 10/31/25 14:35 | PB170339 |
| 11100-14-4        | Aroclor-1268         | 4.80  | U    | 1  | 4.80     | 22.6       | ug/kg   | 10/31/25 14:35 | PB170339 |
| 11096-82-5        | Aroclor-1260         | 205   |      | 1  | 4.30     | 22.6       | ug/kg   | 10/31/25 14:35 | PB170339 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 21.7  |      |    | 32 - 144 | 109%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 16.9  |      |    | 32 - 175 | 84%        | 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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
 Data File : PO114811.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2025 14:35  
 Operator : YP/AJ  
 Sample : Q3495-02MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 SB-1025-2MSD

Manual Integrations  
**APPROVED**

Reviewed By :Rahul Chavli 11/03/2025  
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 16:23:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 21 02:40:25 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-------|-------|----------|----------|---------|-----------|
| -----                       |       |       |          |          |         |           |
| System Monitoring Compounds |       |       |          |          |         |           |
| 1) SA Tetrachlo...          | 4.353 | 3.653 | 118.0E6  | 74606760 | 21.734  | 18.641    |
| 2) SA Decachlor...          | 9.944 | 8.651 | 57567758 | 56233888 | 15.810  | 16.871    |
| Target Compounds            |       |       |          |          |         |           |
| 3) L1 AR-1016-1             | 5.492 | 4.732 | 96590493 | 75819781 | 535.550 | 450.278m  |
| 4) L1 AR-1016-2             | 5.514 | 4.752 | 152.6E6  | 108.9E6  | 501.403 | 450.029   |
| 5) L1 AR-1016-3             | 5.576 | 4.926 | 88275673 | 57629998 | 499.149 | 464.183   |
| 6) L1 AR-1016-4             | 5.671 | 4.968 | 73155162 | 44107789 | 531.827 | 456.955   |
| 7) L1 AR-1016-5             | 5.964 | 5.181 | 65088683 | 58481698 | 515.490 | 457.405   |
| 31) L7 AR-1260-1            | 7.078 | 6.212 | 112.8E6  | 114.3E6  | 517.554 | 485.265   |
| 32) L7 AR-1260-2            | 7.332 | 6.400 | 151.0E6  | 162.7E6  | 489.380 | 486.461   |
| 33) L7 AR-1260-3            | 7.690 | 6.553 | 93179729 | 134.7E6  | 363.316 | 456.841 # |
| 34) L7 AR-1260-4            | 7.912 | 7.024 | 100.8E6  | 100.8E6  | 432.609 | 452.057m  |
| 35) L7 AR-1260-5            | 8.218 | 7.265 | 227.5E6  | 267.7E6  | 392.054 | 436.707   |
| -----                       |       |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103125\  
Data File : PO114811.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2025 14:35  
Operator : YP/AJ  
Sample : Q3495-02MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

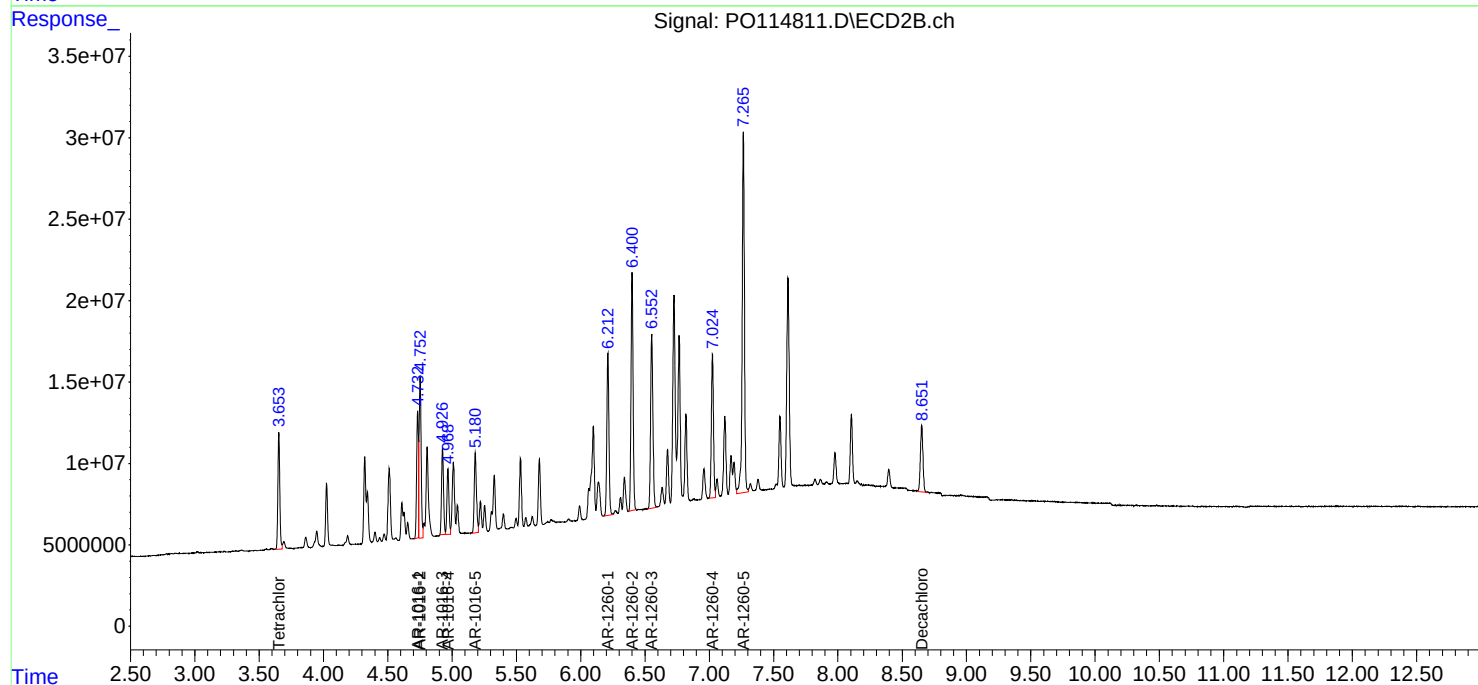
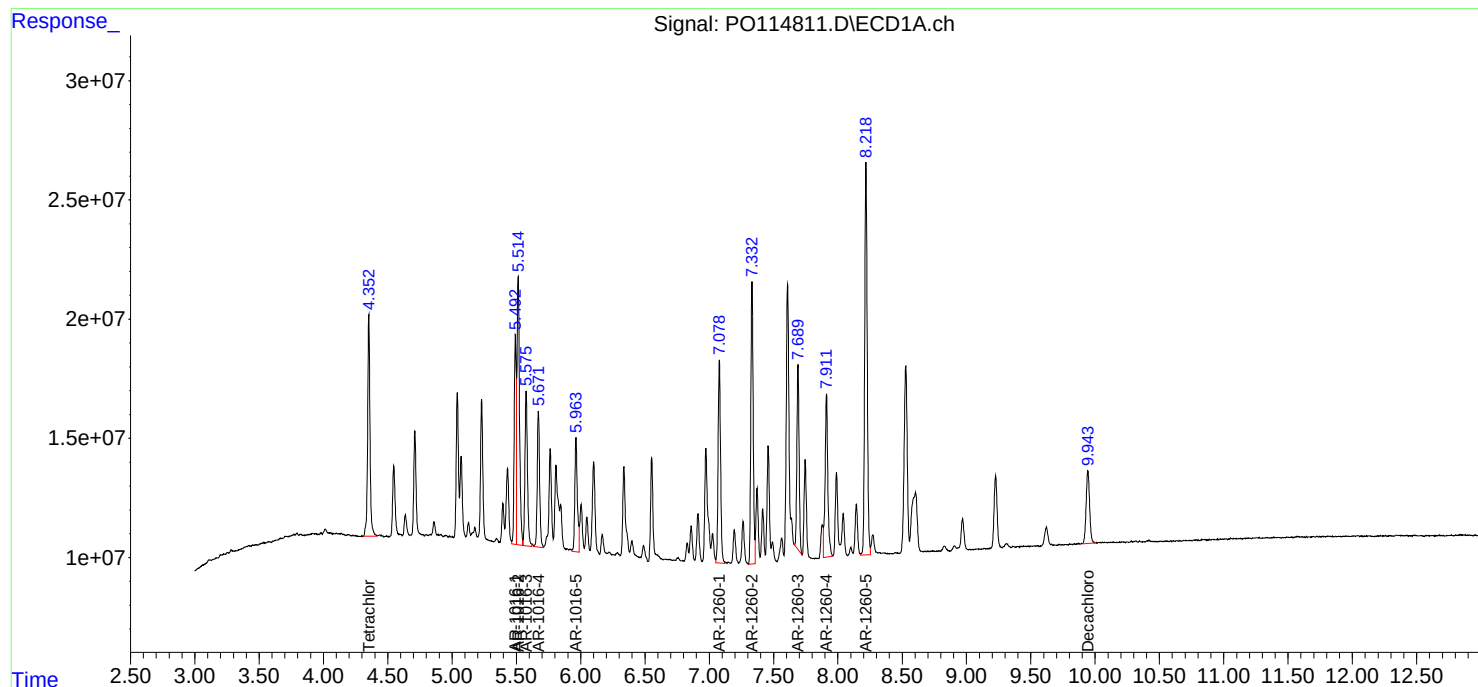
Instrument :  
ECD\_O  
ClientSampleId :  
SB-1025-2MSD

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 11/03/2025  
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 16:23:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 21 02:40:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



## Manual Integration Report

Sequence:

po100925

Instrument

ECD\_o

| Sample ID    | File ID    | Parameter | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|--------------|------------|-----------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| AR1660ICC050 | PO114317.D | AR-1260-2 | yogesh    | 10/10/2025<br>7:45:12 AM | mohammad      | 10/11/2025<br>1:35:39 | Peak Integrated by Software |
| AR1242ICC050 | PO114324.D | AR-1242-5 | yogesh    | 10/10/2025<br>7:45:14 AM | mohammad      | 10/11/2025<br>1:35:39 | Peak Integrated by Software |
| AR1248ICC250 | PO114328.D | AR-1248-5 | yogesh    | 10/10/2025<br>7:45:16 AM | mohammad      | 10/11/2025<br>1:35:39 | Peak Integrated by Software |
| AR1248ICC050 | PO114329.D | AR-1248-1 | yogesh    | 10/10/2025<br>7:45:17 AM | mohammad      | 10/11/2025<br>1:35:39 | Peak Integrated by Software |
| AR1248ICC050 | PO114329.D | AR-1248-5 | yogesh    | 10/10/2025<br>7:45:17 AM | mohammad      | 10/11/2025<br>1:35:39 | Peak Integrated by Software |
| AR1268ICC250 | PO114339.D | AR-1268-1 | yogesh    | 10/10/2025<br>7:45:22 AM | mohammad      | 10/11/2025<br>1:35:39 | Peak Integrated by Software |
| AR1268ICC050 | PO114340.D | AR-1268-4 | yogesh    | 10/10/2025<br>7:45:21 AM | mohammad      | 10/11/2025<br>1:35:39 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PO103125 | Instrument | ECD_o |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PB170339BS   | PO114808.D | AR-1260-4 #2          | rahul     | 11/3/2025 8:13:40 AM | yogesh        | 11/3/2025 8:45:39 | Peak Integrated by Software |
| Q3495-02     | PO114809.D | Decachlorobiphenyl #2 | rahul     | 11/3/2025 8:13:43 AM | yogesh        | 11/3/2025 8:45:40 | Peak Integrated by Software |
| Q3495-02MS   | PO114810.D | AR-1260-4 #2          | rahul     | 11/3/2025 8:13:45 AM | yogesh        | 11/3/2025 8:45:43 | Peak Integrated by Software |
| Q3495-02MSD  | PO114811.D | AR-1260-4 #2          | rahul     | 11/3/2025 8:13:48 AM | yogesh        | 11/3/2025 8:45:44 | Peak Integrated by Software |
| AR1660CCC500 | PO114813.D | AR-1260-4 #2          | rahul     | 11/3/2025 8:13:53 AM | yogesh        | 11/3/2025 8:45:48 | Peak Integrated by Software |
| AR1248CCC500 | PO114815.D | AR-1248-1 #2          | rahul     | 11/3/2025 8:13:55 AM | yogesh        | 11/3/2025 8:45:54 | Peak Integrated by Software |
| I.BLK        | PO114817.D | Decachlorobiphenyl #2 | rahul     | 11/3/2025 8:13:58 AM | yogesh        | 11/3/2025 8:45:56 | Peak Integrated by Software |
| AR1660CCC500 | PO114828.D | AR-1016-1 #2          | rahul     | 11/3/2025 8:14:18 AM | yogesh        | 11/3/2025 8:46:29 | Peak Integrated by Software |
| AR1660CCC500 | PO114828.D | AR-1260-4 #2          | rahul     | 11/3/2025 8:14:18 AM | yogesh        | 11/3/2025 8:46:29 | Peak Integrated by Software |
| AR1242CCC500 | PO114829.D | AR-1242-1 #2          | rahul     | 11/3/2025 8:14:20 AM | yogesh        | 11/3/2025 8:46:12 | Peak Integrated by Software |
| AR1248CCC500 | PO114830.D | AR-1248-1 #2          | rahul     | 11/3/2025 8:14:23 AM | yogesh        | 11/3/2025 8:46:14 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP102125 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID         | File ID    | Parameter               | Review By | Review On                 | Supervised By | Supervised On         | Reason                      |
|-------------------|------------|-------------------------|-----------|---------------------------|---------------|-----------------------|-----------------------------|
| I.BLK             | PP075887.D | Decachlorobiphenyl      | yogesh    | 10/22/2025<br>12:24:41 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1660ICC050      | PP075892.D | AR-1016-3               | yogesh    | 10/22/2025<br>12:25:25 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1660ICC050      | PP075892.D | AR-1016-3 #2            | yogesh    | 10/22/2025<br>12:25:25 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1660ICC050      | PP075892.D | AR-1016-4               | yogesh    | 10/22/2025<br>12:25:25 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1660ICC050      | PP075892.D | AR-1016-4 #2            | yogesh    | 10/22/2025<br>12:25:25 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1660ICC050      | PP075892.D | AR-1016-5 #2            | yogesh    | 10/22/2025<br>12:25:25 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1660ICC050      | PP075892.D | Tetrachloro-m-xylene #2 | yogesh    | 10/22/2025<br>12:25:25 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1232ICC500      | PP075894.D | AR-1232-4 #2            | yogesh    | 10/22/2025<br>12:24:44 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1242ICC100<br>0 | PP075895.D | AR-1242-4 #2            | yogesh    | 10/22/2025<br>12:24:45 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1242ICC750      | PP075896.D | AR-1242-4 #2            | yogesh    | 10/22/2025<br>12:24:46 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1242ICC500      | PP075897.D | AR-1242-4 #2            | yogesh    | 10/22/2025<br>12:24:48 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1242ICC250      | PP075898.D | AR-1242-4 #2            | yogesh    | 10/22/2025<br>12:24:50 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1242ICC250      | PP075898.D | AR-1242-5               | yogesh    | 10/22/2025<br>12:24:50 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP102125 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID         | File ID    | Parameter               | Review By | Review On                 | Supervised By | Supervised On         | Reason                      |
|-------------------|------------|-------------------------|-----------|---------------------------|---------------|-----------------------|-----------------------------|
| AR1242ICC050      | PP075899.D | AR-1242-5               | yogesh    | 10/22/2025<br>12:24:52 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1242ICC050      | PP075899.D | Tetrachloro-m-xylene #2 | yogesh    | 10/22/2025<br>12:24:52 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1248ICC100<br>0 | PP075900.D | AR-1248-3 #2            | yogesh    | 10/22/2025<br>12:24:53 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1248ICC750      | PP075901.D | AR-1248-3 #2            | yogesh    | 10/22/2025<br>12:24:55 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1248ICC500      | PP075902.D | AR-1248-3 #2            | yogesh    | 10/22/2025<br>12:24:57 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1248ICC250      | PP075903.D | AR-1248-3 #2            | yogesh    | 10/22/2025<br>12:24:58 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1248ICC050      | PP075904.D | AR-1248-4               | yogesh    | 10/22/2025<br>12:25:00 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1248ICC050      | PP075904.D | AR-1248-4 #2            | yogesh    | 10/22/2025<br>12:25:00 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1248ICC050      | PP075904.D | AR-1248-5               | yogesh    | 10/22/2025<br>12:25:00 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1248ICC050      | PP075904.D | AR-1248-5 #2            | yogesh    | 10/22/2025<br>12:25:00 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1248ICC050      | PP075904.D | Tetrachloro-m-xylene #2 | yogesh    | 10/22/2025<br>12:25:00 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1254ICC100<br>0 | PP075905.D | AR-1254-1               | yogesh    | 10/22/2025<br>12:25:02 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1254ICC750      | PP075906.D | AR-1254-1               | yogesh    | 10/22/2025<br>12:25:03 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |



## Manual Integration Report

Sequence:

PP102125

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter               | Review By | Review On                 | Supervised By | Supervised On         | Reason                      |
|--------------|------------|-------------------------|-----------|---------------------------|---------------|-----------------------|-----------------------------|
| AR1254ICC750 | PP075906.D | AR-1254-5 #2            | yogesh    | 10/22/2025<br>12:25:03 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1254ICC500 | PP075907.D | AR-1254-1               | yogesh    | 10/22/2025<br>12:25:05 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1254ICC250 | PP075908.D | AR-1254-1               | yogesh    | 10/22/2025<br>12:25:07 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1254ICC050 | PP075909.D | Tetrachloro-m-xylene #2 | yogesh    | 10/22/2025<br>12:25:09 PM | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1242ICV500 | PP075917.D | AR-1242-4 #2            | yogesh    | 10/24/2025<br>4:12:30 PM  | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1242ICV500 | PP075917.D | Decachlorobiphenyl      | yogesh    | 10/24/2025<br>4:12:30 PM  | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1248ICV500 | PP075918.D | AR-1248-3 #2            | yogesh    | 10/24/2025<br>4:12:35 PM  | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |
| AR1254ICV500 | PP075919.D | AR-1254-1 #2            | yogesh    | 10/24/2025<br>4:12:33 PM  | mohammad      | 10/25/2025<br>7:28:37 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pp103125

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter               | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1242CCC500 | PP076243.D | AR-1242-4 #2            | rahul     | 11/3/2025 8:15:40 AM | yogesh        | 11/3/2025 8:47:04 | Peak Integrated by Software |
| AR1242CCC500 | PP076243.D | AR-1242-5 #2            | rahul     | 11/3/2025 8:15:40 AM | yogesh        | 11/3/2025 8:47:04 | Peak Integrated by Software |
| AR1248CCC500 | PP076244.D | AR-1248-3 #2            | rahul     | 11/3/2025 8:15:43 AM | yogesh        | 11/3/2025 8:47:07 | Peak Integrated by Software |
| AR1248CCC500 | PP076244.D | AR-1248-5 #2            | rahul     | 11/3/2025 8:15:43 AM | yogesh        | 11/3/2025 8:47:07 | Peak Integrated by Software |
| AR1254CCC500 | PP076245.D | AR-1254-1               | rahul     | 11/3/2025 8:15:46 AM | yogesh        | 11/3/2025 8:47:10 | Peak Integrated by Software |
| AR1254CCC500 | PP076245.D | AR-1254-1 #2            | rahul     | 11/3/2025 8:15:46 AM | yogesh        | 11/3/2025 8:47:10 | Peak Integrated by Software |
| AR1254CCC500 | PP076245.D | Tetrachloro-m-xylene #2 | rahul     | 11/3/2025 8:15:46 AM | yogesh        | 11/3/2025 8:47:10 | Peak Integrated by Software |
| AR1660CCC500 | PP076256.D | AR-1260-4 #2            | rahul     | 11/3/2025 8:16:13 AM | yogesh        | 11/3/2025 8:47:36 | Peak Integrated by Software |
| AR1242CCC500 | PP076257.D | AR-1242-4 #2            | rahul     | 11/3/2025 8:16:16 AM | yogesh        | 11/3/2025 8:47:39 | Peak Integrated by Software |
| AR1242CCC500 | PP076257.D | AR-1242-5 #2            | rahul     | 11/3/2025 8:16:16 AM | yogesh        | 11/3/2025 8:47:39 | Peak Integrated by Software |
| AR1242CCC500 | PP076257.D | Tetrachloro-m-xylene    | rahul     | 11/3/2025 8:16:16 AM | yogesh        | 11/3/2025 8:47:39 | Peak Integrated by Software |
| AR1242CCC500 | PP076257.D | Tetrachloro-m-xylene #2 | rahul     | 11/3/2025 8:16:16 AM | yogesh        | 11/3/2025 8:47:39 | Peak Integrated by Software |
| AR1248CCC500 | PP076258.D | AR-1248-3 #2            | rahul     | 11/3/2025 8:16:22 AM | yogesh        | 11/3/2025 8:47:41 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pp103125 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter               | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1248CCC500 | PP076258.D | AR-1248-5 #2            | rahul     | 11/3/2025 8:16:22 AM | yogesh        | 11/3/2025 8:47:41 | Peak Integrated by Software |
| AR1248CCC500 | PP076258.D | Tetrachloro-m-xylene #2 | rahul     | 11/3/2025 8:16:22 AM | yogesh        | 11/3/2025 8:47:41 | Peak Integrated by Software |
| AR1254CCC500 | PP076259.D | AR-1254-1               | rahul     | 11/3/2025 8:16:24 AM | yogesh        | 11/3/2025 8:47:43 | Peak Integrated by Software |
| AR1254CCC500 | PP076259.D | AR-1254-1 #2            | rahul     | 11/3/2025 8:16:24 AM | yogesh        | 11/3/2025 8:47:43 | Peak Integrated by Software |
| AR1254CCC500 | PP076259.D | AR-1254-5 #2            | rahul     | 11/3/2025 8:16:24 AM | yogesh        | 11/3/2025 8:47:43 | Peak Integrated by Software |
| AR1254CCC500 | PP076259.D | Tetrachloro-m-xylene #2 | rahul     | 11/3/2025 8:16:24 AM | yogesh        | 11/3/2025 8:47:43 | Peak Integrated by Software |
| PB170347BS   | PP076262.D | AR-1016-5 #2            | rahul     | 11/3/2025 8:16:52 AM | yogesh        | 11/3/2025 8:47:44 | Peak Integrated by Software |
| PB170347BS   | PP076262.D | AR-1260-4               | rahul     | 11/3/2025 8:16:52 AM | yogesh        | 11/3/2025 8:47:44 | Peak Integrated by Software |
| PB170347BSD  | PP076263.D | AR-1260-4               | rahul     | 11/3/2025 8:16:55 AM | yogesh        | 11/3/2025 8:47:46 | Peak Integrated by Software |
| Q3495-03     | PP076266.D | Tetrachloro-m-xylene #2 | rahul     | 11/3/2025 8:17:03 AM | yogesh        | 11/3/2025 8:47:52 | Peak Integrated by Software |
| AR1242CCC500 | PP076272.D | AR-1242-1 #2            | rahul     | 11/3/2025 8:17:16 AM | yogesh        | 11/3/2025 8:48:28 | Peak Integrated by Software |
| AR1242CCC500 | PP076272.D | AR-1242-4 #2            | rahul     | 11/3/2025 8:17:16 AM | yogesh        | 11/3/2025 8:48:28 | Peak Integrated by Software |
| AR1242CCC500 | PP076272.D | AR-1242-5 #2            | rahul     | 11/3/2025 8:17:16 AM | yogesh        | 11/3/2025 8:48:28 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pp103125 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter               | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1248CCC500 | PP076273.D | AR-1248-3 #2            | rahul     | 11/3/2025 8:17:34 AM | yogesh        | 11/3/2025 8:48:30 | Peak Integrated by Software |
| AR1248CCC500 | PP076273.D | Tetrachloro-m-xylene #2 | rahul     | 11/3/2025 8:17:34 AM | yogesh        | 11/3/2025 8:48:30 | Peak Integrated by Software |
| AR1254CCC500 | PP076274.D | AR-1254-1               | rahul     | 11/3/2025 8:17:37 AM | yogesh        | 11/3/2025 8:48:33 | Peak Integrated by Software |
| AR1254CCC500 | PP076274.D | AR-1254-1 #2            | rahul     | 11/3/2025 8:17:37 AM | yogesh        | 11/3/2025 8:48:33 | Peak Integrated by Software |
| AR1254CCC500 | PP076274.D | Tetrachloro-m-xylene #2 | rahul     | 11/3/2025 8:17:37 AM | yogesh        | 11/3/2025 8:48:33 | Peak Integrated by Software |
| AR1660CCC500 | PP076286.D | AR-1260-4 #2            | rahul     | 11/3/2025 8:18:01 AM | yogesh        | 11/3/2025 8:48:56 | Peak Integrated by Software |
| AR1242CCC500 | PP076287.D | AR-1242-4 #2            | rahul     | 11/3/2025 8:18:04 AM | yogesh        | 11/3/2025 8:48:58 | Peak Integrated by Software |
| AR1242CCC500 | PP076287.D | AR-1242-5 #2            | rahul     | 11/3/2025 8:18:04 AM | yogesh        | 11/3/2025 8:48:58 | Peak Integrated by Software |
| AR1248CCC500 | PP076288.D | AR-1248-3 #2            | rahul     | 11/3/2025 8:18:07 AM | yogesh        | 11/3/2025 8:49:00 | Peak Integrated by Software |
| AR1248CCC500 | PP076288.D | AR-1248-5 #2            | rahul     | 11/3/2025 8:18:07 AM | yogesh        | 11/3/2025 8:49:00 | Peak Integrated by Software |
| AR1254CCC500 | PP076289.D | AR-1254-1               | rahul     | 11/3/2025 8:18:10 AM | yogesh        | 11/3/2025 8:49:02 | Peak Integrated by Software |
| AR1254CCC500 | PP076289.D | AR-1254-1 #2            | rahul     | 11/3/2025 8:18:10 AM | yogesh        | 11/3/2025 8:49:02 | Peak Integrated by Software |
| AR1254CCC500 | PP076289.D | AR-1254-2 #2            | rahul     | 11/3/2025 8:18:10 AM | yogesh        | 11/3/2025 8:49:02 | Peak Integrated by Software |



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

## Manual Integration Report

Sequence:

pp103125

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter    | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|--------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1254CCC500 | PP076289.D | AR-1254-3 #2 | rahul     | 11/3/2025 8:18:10 AM | yogesh        | 11/3/2025 8:49:02 | Peak Integrated by Software |

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO100925**

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                                                                                                                                         | yogesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Review On         | 10/9/2025 1:00:25 PM          |
| Supervise By                                                                                                                                      | mohammad                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Supervise On      | 10/11/2025 1:35:39 AM         |
| SubDirectory                                                                                                                                      | PO100925                                                                                                                                                                                                                                                                                                                                                                                                                                                               | HP Acquire Method | HP Processing Method PO100925 |
| <b>STD. NAME</b>                                                                                                                                  | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds<br><br>CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854<br><br>PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |                   |                               |

| Sr# | SampleId      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PO114311.D     | 09 Oct 2025 13:37 | YP/AJ    | Ok     |
| 2   | I.BLK         | PO114312.D     | 09 Oct 2025 13:55 | YP/AJ    | Ok     |
| 3   | AR1660ICC1000 | PO114313.D     | 09 Oct 2025 14:14 | YP/AJ    | Ok     |
| 4   | AR1660ICC750  | PO114314.D     | 09 Oct 2025 14:32 | YP/AJ    | Ok     |
| 5   | AR1660ICC500  | PO114315.D     | 09 Oct 2025 14:50 | YP/AJ    | Ok     |
| 6   | AR1660ICC250  | PO114316.D     | 09 Oct 2025 15:09 | YP/AJ    | Ok     |
| 7   | AR1660ICC050  | PO114317.D     | 09 Oct 2025 15:27 | YP/AJ    | Ok,M   |
| 8   | AR1221ICC500  | PO114318.D     | 09 Oct 2025 15:45 | YP/AJ    | Ok     |
| 9   | AR1232ICC500  | PO114319.D     | 09 Oct 2025 16:04 | YP/AJ    | Ok     |
| 10  | AR1242ICC1000 | PO114320.D     | 09 Oct 2025 16:22 | YP/AJ    | Ok     |
| 11  | AR1242ICC750  | PO114321.D     | 09 Oct 2025 16:40 | YP/AJ    | Ok     |
| 12  | AR1242ICC500  | PO114322.D     | 09 Oct 2025 16:59 | YP/AJ    | Ok     |
| 13  | AR1242ICC250  | PO114323.D     | 09 Oct 2025 17:17 | YP/AJ    | Ok     |
| 14  | AR1242ICC050  | PO114324.D     | 09 Oct 2025 17:35 | YP/AJ    | Ok,M   |
| 15  | AR1248ICC1000 | PO114325.D     | 09 Oct 2025 17:54 | YP/AJ    | Ok     |
| 16  | AR1248ICC750  | PO114326.D     | 09 Oct 2025 18:12 | YP/AJ    | Ok     |
| 17  | AR1248ICC500  | PO114327.D     | 09 Oct 2025 18:30 | YP/AJ    | Ok     |
| 18  | AR1248ICC250  | PO114328.D     | 09 Oct 2025 18:49 | YP/AJ    | Ok,M   |
| 19  | AR1248ICC050  | PO114329.D     | 09 Oct 2025 19:07 | YP/AJ    | Ok,M   |
| 20  | AR1254ICC1000 | PO114330.D     | 09 Oct 2025 19:26 | YP/AJ    | Ok     |
| 21  | AR1254ICC750  | PO114331.D     | 09 Oct 2025 19:44 | YP/AJ    | Ok     |

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO100925**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/9/2025 1:00:25 PM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/11/2025 1:35:39 AM         |
| SubDirectory             | PO100925                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PO100925 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| CCC                      |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |                |            |                   |       |      |
|----|----------------|------------|-------------------|-------|------|
| 22 | AR1254ICC500   | PO114332.D | 09 Oct 2025 20:02 | YP/AJ | Ok   |
| 23 | AR1254ICC250   | PO114333.D | 09 Oct 2025 20:21 | YP/AJ | Ok   |
| 24 | AR1254ICC050   | PO114334.D | 09 Oct 2025 20:39 | YP/AJ | Ok   |
| 25 | AR1262ICC500   | PO114335.D | 09 Oct 2025 20:57 | YP/AJ | Ok   |
| 26 | AR1268ICC1000  | PO114336.D | 09 Oct 2025 21:16 | YP/AJ | Ok   |
| 27 | AR1268ICC750   | PO114337.D | 09 Oct 2025 21:34 | YP/AJ | Ok   |
| 28 | AR1268ICC500   | PO114338.D | 09 Oct 2025 21:52 | YP/AJ | Ok   |
| 29 | AR1268ICC250   | PO114339.D | 09 Oct 2025 22:11 | YP/AJ | Ok,M |
| 30 | AR1268ICC050   | PO114340.D | 09 Oct 2025 22:29 | YP/AJ | Ok,M |
| 31 | PO100925ICV500 | PO114341.D | 09 Oct 2025 22:47 | YP/AJ | Ok   |
| 32 | AR1242ICV500   | PO114342.D | 09 Oct 2025 23:24 | YP/AJ | Ok   |
| 33 | AR1248ICV500   | PO114343.D | 10 Oct 2025 00:01 | YP/AJ | Ok   |
| 34 | AR1254ICV500   | PO114344.D | 10 Oct 2025 00:38 | YP/AJ | Ok   |
| 35 | AR1268ICV500   | PO114345.D | 10 Oct 2025 01:14 | YP/AJ | Ok   |
| 36 | DDT ANALOG     | PO114346.D | 10 Oct 2025 01:51 | YP/AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO103125**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/31/2025 2:38:32 PM         |
| Supervise By             | rahul                                                                                                                                                                                                                                                                                                                           | Supervise On      | 11/3/2025 8:14:34 AM          |
| SubDirectory             | PO103125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PO100925 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| CCC                      | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status |
|-----|--------------|----------------|-------------------|----------|--------|
| 1   | HEXANE       | PO114797.D     | 31 Oct 2025 09:01 | YP/AJ    | Ok     |
| 2   | AR1660CCC500 | PO114798.D     | 31 Oct 2025 09:45 | YP/AJ    | Ok     |
| 3   | AR1242CCC500 | PO114799.D     | 31 Oct 2025 10:02 | YP/AJ    | Ok     |
| 4   | AR1248CCC500 | PO114800.D     | 31 Oct 2025 10:20 | YP/AJ    | Ok     |
| 5   | AR1254CCC500 | PO114801.D     | 31 Oct 2025 10:38 | YP/AJ    | Ok     |
| 6   | I.BLK        | PO114802.D     | 31 Oct 2025 10:56 | YP/AJ    | Ok     |
| 7   | Q3489-26     | PO114803.D     | 31 Oct 2025 11:14 | YP/AJ    | Ok,M   |
| 8   | Q3489-30     | PO114804.D     | 31 Oct 2025 11:33 | YP/AJ    | Ok     |
| 9   | Q3489-15DL   | PO114805.D     | 31 Oct 2025 11:51 | YP/AJ    | Ok,M   |
| 10  | Q3489-17DL   | PO114806.D     | 31 Oct 2025 12:10 | YP/AJ    | Ok,M   |
| 11  | PB170339BL   | PO114807.D     | 31 Oct 2025 13:22 | YP/AJ    | Ok     |
| 12  | PB170339BS   | PO114808.D     | 31 Oct 2025 13:40 | YP/AJ    | Ok,M   |
| 13  | Q3495-02     | PO114809.D     | 31 Oct 2025 13:58 | YP/AJ    | Ok,M   |
| 14  | Q3495-02MS   | PO114810.D     | 31 Oct 2025 14:17 | YP/AJ    | Ok,M   |
| 15  | Q3495-02MSD  | PO114811.D     | 31 Oct 2025 14:35 | YP/AJ    | Ok,M   |
| 16  | Q3496-01     | PO114812.D     | 31 Oct 2025 14:52 | YP/AJ    | Ok,M   |
| 17  | AR1660CCC500 | PO114813.D     | 31 Oct 2025 15:59 | YP/AJ    | Ok,M   |
| 18  | AR1242CCC500 | PO114814.D     | 31 Oct 2025 16:16 | YP/AJ    | Ok     |
| 19  | AR1248CCC500 | PO114815.D     | 31 Oct 2025 16:33 | YP/AJ    | Ok,M   |
| 20  | AR1254CCC500 | PO114816.D     | 31 Oct 2025 16:52 | YP/AJ    | Ok     |
| 21  | I.BLK        | PO114817.D     | 31 Oct 2025 17:10 | YP/AJ    | Ok,M   |



Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO103125**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/31/2025 2:38:32 PM         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | rahul                                                                                                                                                                                                                                                                                                                           | Supervise On      | 11/3/2025 8:14:34 AM          |
| SubDirectory             | PO103125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PO100925 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| CCC                      | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |       |
|----|--------------|------------|-------------------|-------|-------|
| 22 | Q3497-01     | PO114818.D | 31 Oct 2025 17:29 | YP/AJ | Ok    |
| 23 | Q3499-01     | PO114819.D | 31 Oct 2025 17:46 | YP/AJ | Ok,M  |
| 24 | Q3504-01     | PO114820.D | 31 Oct 2025 18:04 | YP/AJ | Ok,M  |
| 25 | Q3505-01     | PO114821.D | 31 Oct 2025 18:21 | YP/AJ | Ok,M  |
| 26 | Q3500-05     | PO114822.D | 31 Oct 2025 18:38 | YP/AJ | Ok,M  |
| 27 | Q3505-04     | PO114823.D | 31 Oct 2025 18:57 | YP/AJ | ReRun |
| 28 | Q3505-05     | PO114824.D | 31 Oct 2025 19:15 | YP/AJ | Ok    |
| 29 | Q3505-06     | PO114825.D | 31 Oct 2025 19:34 | YP/AJ | Ok    |
| 30 | Q3496-03     | PO114826.D | 31 Oct 2025 19:52 | YP/AJ | Ok,M  |
| 31 | Q3502-04     | PO114827.D | 31 Oct 2025 20:09 | YP/AJ | Ok,M  |
| 32 | AR1660CCC500 | PO114828.D | 31 Oct 2025 21:12 | YP/AJ | Ok,M  |
| 33 | AR1242CCC500 | PO114829.D | 31 Oct 2025 22:07 | YP/AJ | Ok,M  |
| 34 | AR1248CCC500 | PO114830.D | 31 Oct 2025 22:24 | YP/AJ | Ok,M  |
| 35 | AR1254CCC500 | PO114831.D | 31 Oct 2025 22:43 | YP/AJ | Ok    |
| 36 | I.BLK        | PO114832.D | 31 Oct 2025 23:00 | YP/AJ | Ok    |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP102125**

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                                                                                                                                         | yogesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Review On         | 10/21/2025 12:01:15 PM        |
| Supervise By                                                                                                                                      | mohammad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Supervise On      | 10/25/2025 7:28:37 AM         |
| SubDirectory                                                                                                                                      | PP102125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | HP Acquire Method | HP Processing Method PP102125 |
| <b>STD. NAME</b>                                                                                                                                  | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds<br><br>CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854<br><br><br><br><br><br><br>PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |                   |                               |

| Sr# | SampleId      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PP075886.D     | 21 Oct 2025 08:33 | YP\AJ    | Ok     |
| 2   | I.BLK         | PP075887.D     | 21 Oct 2025 08:49 | YP\AJ    | Ok,M   |
| 3   | AR1660ICC1000 | PP075888.D     | 21 Oct 2025 09:06 | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | PP075889.D     | 21 Oct 2025 09:22 | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | PP075890.D     | 21 Oct 2025 09:38 | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | PP075891.D     | 21 Oct 2025 09:54 | YP\AJ    | Ok     |
| 7   | AR1660ICC050  | PP075892.D     | 21 Oct 2025 10:11 | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | PP075893.D     | 21 Oct 2025 10:27 | YP\AJ    | Ok     |
| 9   | AR1232ICC500  | PP075894.D     | 21 Oct 2025 10:43 | YP\AJ    | Ok,M   |
| 10  | AR1242ICC1000 | PP075895.D     | 21 Oct 2025 10:59 | YP\AJ    | Ok,M   |
| 11  | AR1242ICC750  | PP075896.D     | 21 Oct 2025 11:16 | YP\AJ    | Ok,M   |
| 12  | AR1242ICC500  | PP075897.D     | 21 Oct 2025 11:48 | YP\AJ    | Ok,M   |
| 13  | AR1242ICC250  | PP075898.D     | 21 Oct 2025 12:04 | YP\AJ    | Ok,M   |
| 14  | AR1242ICC050  | PP075899.D     | 21 Oct 2025 12:21 | YP\AJ    | Ok,M   |
| 15  | AR1248ICC1000 | PP075900.D     | 21 Oct 2025 12:41 | YP\AJ    | Ok,M   |
| 16  | AR1248ICC750  | PP075901.D     | 21 Oct 2025 12:57 | YP\AJ    | Ok,M   |
| 17  | AR1248ICC500  | PP075902.D     | 21 Oct 2025 13:13 | YP\AJ    | Ok,M   |
| 18  | AR1248ICC250  | PP075903.D     | 21 Oct 2025 13:30 | YP\AJ    | Ok,M   |
| 19  | AR1248ICC050  | PP075904.D     | 21 Oct 2025 13:46 | YP\AJ    | Ok,M   |
| 20  | AR1254ICC1000 | PP075905.D     | 21 Oct 2025 14:02 | YP\AJ    | Ok,M   |
| 21  | AR1254ICC750  | PP075906.D     | 21 Oct 2025 14:18 | YP\AJ    | Ok,M   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP102125**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/21/2025 12:01:15 PM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/25/2025 7:28:37 AM         |
| SubDirectory             | PP102125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP102125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| CCC                      |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |                |            |                   |       |      |
|----|----------------|------------|-------------------|-------|------|
| 22 | AR1254ICC500   | PP075907.D | 21 Oct 2025 14:35 | YP\AJ | Ok,M |
| 23 | AR1254ICC250   | PP075908.D | 21 Oct 2025 14:51 | YP\AJ | Ok,M |
| 24 | AR1254ICC050   | PP075909.D | 21 Oct 2025 15:07 | YP\AJ | Ok,M |
| 25 | AR1262ICC500   | PP075910.D | 21 Oct 2025 15:40 | YP\AJ | Ok   |
| 26 | AR1268ICC1000  | PP075911.D | 21 Oct 2025 15:56 | YP\AJ | Ok   |
| 27 | AR1268ICC750   | PP075912.D | 21 Oct 2025 16:12 | YP\AJ | Ok   |
| 28 | AR1268ICC500   | PP075913.D | 21 Oct 2025 16:29 | YP\AJ | Ok   |
| 29 | AR1268ICC250   | PP075914.D | 21 Oct 2025 16:45 | YP\AJ | Ok   |
| 30 | AR1268ICC050   | PP075915.D | 21 Oct 2025 17:01 | YP\AJ | Ok   |
| 31 | PP102125ICV500 | PP075916.D | 21 Oct 2025 17:34 | YP\AJ | Ok   |
| 32 | AR1242ICV500   | PP075917.D | 21 Oct 2025 18:06 | YP\AJ | Ok,M |
| 33 | AR1248ICV500   | PP075918.D | 21 Oct 2025 18:39 | YP\AJ | Ok,M |
| 34 | AR1254ICV500   | PP075919.D | 22 Oct 2025 08:49 | YP\AJ | Ok,M |
| 35 | AR1268ICV500   | PP075920.D | 22 Oct 2025 09:07 | YP\AJ | Ok   |
| 36 | DDT ANALOG     | PP075921.D | 22 Oct 2025 09:25 | YP\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP103125**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | rahul                                                                                                                                                                                                                                                                                                                           | Review On         | 11/3/2025 8:18:24 AM          |
| Supervise By             | yogesh                                                                                                                                                                                                                                                                                                                          | Supervise On      | 11/3/2025 8:49:19 AM          |
| SubDirectory             | PP103125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP102125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| CCC                      | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status |
|-----|--------------|----------------|-------------------|----------|--------|
| 1   | HEXANE       | PP076241.D     | 31 Oct 2025 09:26 | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | PP076242.D     | 31 Oct 2025 09:43 | YP\AJ    | Ok     |
| 3   | AR1242CCC500 | PP076243.D     | 31 Oct 2025 09:59 | YP\AJ    | Ok,M   |
| 4   | AR1248CCC500 | PP076244.D     | 31 Oct 2025 10:15 | YP\AJ    | Ok,M   |
| 5   | AR1254CCC500 | PP076245.D     | 31 Oct 2025 10:32 | YP\AJ    | Ok,M   |
| 6   | I.BLK        | PP076246.D     | 31 Oct 2025 10:48 | YP\AJ    | Ok     |
| 7   | Q3482-04     | PP076247.D     | 31 Oct 2025 11:09 | YP\AJ    | Ok,M   |
| 8   | Q3500-01     | PP076248.D     | 31 Oct 2025 13:21 | YP\AJ    | Ok,M   |
| 9   | Q3501-01     | PP076249.D     | 31 Oct 2025 13:38 | YP\AJ    | Not Ok |
| 10  | Q3502-01     | PP076250.D     | 31 Oct 2025 13:54 | YP\AJ    | Ok,M   |
| 11  | Q3503-01     | PP076251.D     | 31 Oct 2025 14:10 | YP\AJ    | Ok,M   |
| 12  | Q3503-03     | PP076252.D     | 31 Oct 2025 14:26 | YP\AJ    | Ok,M   |
| 13  | Q3503-05     | PP076253.D     | 31 Oct 2025 14:43 | YP\AJ    | Ok,M   |
| 14  | Q3505-02     | PP076254.D     | 31 Oct 2025 14:59 | YP\AJ    | Ok,M   |
| 15  | Q3505-03     | PP076255.D     | 31 Oct 2025 15:15 | YP\AJ    | Ok,M   |
| 16  | AR1660CCC500 | PP076256.D     | 31 Oct 2025 16:04 | YP\AJ    | Ok,M   |
| 17  | AR1242CCC500 | PP076257.D     | 31 Oct 2025 16:20 | YP\AJ    | Ok,M   |
| 18  | AR1248CCC500 | PP076258.D     | 31 Oct 2025 16:37 | YP\AJ    | Ok,M   |
| 19  | AR1254CCC500 | PP076259.D     | 31 Oct 2025 16:53 | YP\AJ    | Ok,M   |
| 20  | I.BLK        | PP076260.D     | 31 Oct 2025 17:09 | YP\AJ    | Ok     |
| 21  | PB170347BL   | PP076261.D     | 31 Oct 2025 17:26 | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP103125**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | rahul                                                                                                                                                                                                                                                                                                                           | Review On         | 11/3/2025 8:18:24 AM          |
| Supervise By             | yogesh                                                                                                                                                                                                                                                                                                                          | Supervise On      | 11/3/2025 8:49:19 AM          |
| SubDirectory             | PP103125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP102125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| CCC                      | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |          |
|----|--------------|------------|-------------------|-------|----------|
| 22 | PB170347BS   | PP076262.D | 31 Oct 2025 17:42 | YPIAJ | Ok,M     |
| 23 | PB170347BSD  | PP076263.D | 31 Oct 2025 17:58 | YPIAJ | Ok,M     |
| 24 | Q3484-01     | PP076264.D | 31 Oct 2025 18:14 | YPIAJ | Ok,M     |
| 25 | Q3492-01     | PP076265.D | 31 Oct 2025 18:31 | YPIAJ | Ok,M     |
| 26 | Q3495-03     | PP076266.D | 31 Oct 2025 18:47 | YPIAJ | Ok,M     |
| 27 | Q3500-02     | PP076267.D | 31 Oct 2025 19:03 | YPIAJ | Ok,M     |
| 28 | Q3500-03     | PP076268.D | 31 Oct 2025 19:19 | YPIAJ | Ok,M     |
| 29 | Q3500-04     | PP076269.D | 31 Oct 2025 19:36 | YPIAJ | Ok,M     |
| 30 | Q3503-07     | PP076270.D | 31 Oct 2025 19:52 | YPIAJ | ReRun    |
| 31 | AR1660CCC500 | PP076271.D | 31 Oct 2025 20:57 | YPIAJ | Ok       |
| 32 | AR1242CCC500 | PP076272.D | 31 Oct 2025 21:46 | YPIAJ | Ok,M     |
| 33 | AR1248CCC500 | PP076273.D | 31 Oct 2025 22:02 | YPIAJ | Ok,M     |
| 34 | AR1254CCC500 | PP076274.D | 31 Oct 2025 22:18 | YPIAJ | Ok,M     |
| 35 | I.BLK        | PP076275.D | 31 Oct 2025 22:34 | YPIAJ | Ok       |
| 36 | PB170358BL   | PP076276.D | 31 Oct 2025 22:51 | YPIAJ | Ok       |
| 37 | PB170358BS   | PP076277.D | 31 Oct 2025 23:07 | YPIAJ | Ok,M     |
| 38 | Q3437-15     | PP076278.D | 31 Oct 2025 23:23 | YPIAJ | Ok,M     |
| 39 | Q3450-04     | PP076279.D | 31 Oct 2025 23:40 | YPIAJ | Ok,M     |
| 40 | Q3450-04MS   | PP076280.D | 31 Oct 2025 23:56 | YPIAJ | Ok,M     |
| 41 | Q3450-04MSD  | PP076281.D | 01 Nov 2025 00:12 | YPIAJ | Ok,M     |
| 42 | Q3450-05     | PP076282.D | 01 Nov 2025 00:28 | YPIAJ | Ok       |
| 43 | Q3450-06     | PP076283.D | 01 Nov 2025 00:45 | YPIAJ | Ok,M     |
| 44 | Q3450-23     | PP076284.D | 01 Nov 2025 01:01 | YPIAJ | Dilution |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP103125**

| Review By                | rahul                                                                                                                                                                                                                                                                                                                           | Review On         | 11/3/2025 8:18:24 AM          |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | yogesh                                                                                                                                                                                                                                                                                                                          | Supervise On      | 11/3/2025 8:49:19 AM          |
| SubDirectory             | PP103125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP102125 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| CCC                      | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |      |
|----|--------------|------------|-------------------|-------|------|
| 45 | Q3450-25     | PP076285.D | 01 Nov 2025 01:17 | YP\AJ | Ok,M |
| 46 | AR1660CCC500 | PP076286.D | 01 Nov 2025 02:22 | YP\AJ | Ok,M |
| 47 | AR1242CCC500 | PP076287.D | 01 Nov 2025 03:11 | YP\AJ | Ok,M |
| 48 | AR1248CCC500 | PP076288.D | 01 Nov 2025 03:28 | YP\AJ | Ok,M |
| 49 | AR1254CCC500 | PP076289.D | 01 Nov 2025 03:44 | YP\AJ | Ok,M |
| 50 | I.BLK        | PP076290.D | 01 Nov 2025 04:00 | YP\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO100925**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 10/9/2025 1:00:25 PM          |
| Supervise By | mohammad | Supervise On      | 10/11/2025 1:35:39 AM         |
| SubDirectory | PO100925 | HP Acquire Method | HP Processing Method PO100925 |

| STD. NAME                                                                                                                                         | STD REF.#                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk<br>Initial Calibration Stds<br><br>CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854<br><br>PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |

| Sr# | SampleID      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE        | HEXANE        | PO114311.D     | 09 Oct 2025 13:37 |         | YP/AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PO114312.D     | 09 Oct 2025 13:55 |         | YP/AJ    | Ok     |
| 3   | AR1660ICC1000 | AR1660ICC1000 | PO114313.D     | 09 Oct 2025 14:14 |         | YP/AJ    | Ok     |
| 4   | AR1660ICC750  | AR1660ICC750  | PO114314.D     | 09 Oct 2025 14:32 |         | YP/AJ    | Ok     |
| 5   | AR1660ICC500  | AR1660ICC500  | PO114315.D     | 09 Oct 2025 14:50 |         | YP/AJ    | Ok     |
| 6   | AR1660ICC250  | AR1660ICC250  | PO114316.D     | 09 Oct 2025 15:09 |         | YP/AJ    | Ok     |
| 7   | AR1660ICC050  | AR1660ICC050  | PO114317.D     | 09 Oct 2025 15:27 |         | YP/AJ    | Ok,M   |
| 8   | AR1221ICC500  | AR1221ICC500  | PO114318.D     | 09 Oct 2025 15:45 |         | YP/AJ    | Ok     |
| 9   | AR1232ICC500  | AR1232ICC500  | PO114319.D     | 09 Oct 2025 16:04 |         | YP/AJ    | Ok     |
| 10  | AR1242ICC1000 | AR1242ICC1000 | PO114320.D     | 09 Oct 2025 16:22 |         | YP/AJ    | Ok     |
| 11  | AR1242ICC750  | AR1242ICC750  | PO114321.D     | 09 Oct 2025 16:40 |         | YP/AJ    | Ok     |
| 12  | AR1242ICC500  | AR1242ICC500  | PO114322.D     | 09 Oct 2025 16:59 |         | YP/AJ    | Ok     |
| 13  | AR1242ICC250  | AR1242ICC250  | PO114323.D     | 09 Oct 2025 17:17 |         | YP/AJ    | Ok     |
| 14  | AR1242ICC050  | AR1242ICC050  | PO114324.D     | 09 Oct 2025 17:35 |         | YP/AJ    | Ok,M   |
| 15  | AR1248ICC1000 | AR1248ICC1000 | PO114325.D     | 09 Oct 2025 17:54 |         | YP/AJ    | Ok     |
| 16  | AR1248ICC750  | AR1248ICC750  | PO114326.D     | 09 Oct 2025 18:12 |         | YP/AJ    | Ok     |
| 17  | AR1248ICC500  | AR1248ICC500  | PO114327.D     | 09 Oct 2025 18:30 |         | YP/AJ    | Ok     |
| 18  | AR1248ICC250  | AR1248ICC250  | PO114328.D     | 09 Oct 2025 18:49 |         | YP/AJ    | Ok,M   |

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO100925**

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                                                                                                                                         | yogesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Review On         | 10/9/2025 1:00:25 PM          |
| Supervise By                                                                                                                                      | mohammad                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Supervise On      | 10/11/2025 1:35:39 AM         |
| SubDirectory                                                                                                                                      | PO100925                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | HP Acquire Method | HP Processing Method PO100925 |
| <b>STD. NAME</b>                                                                                                                                  | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds<br><br>CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P<br>P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP<br>24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854<br><br>PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |                   |                               |

|    |                |                   |            |                   |  |       |      |
|----|----------------|-------------------|------------|-------------------|--|-------|------|
| 19 | AR1248ICC050   | AR1248ICC050      | PO114329.D | 09 Oct 2025 19:07 |  | YP/AJ | Ok,M |
| 20 | AR1254ICC1000  | AR1254ICC1000     | PO114330.D | 09 Oct 2025 19:26 |  | YP/AJ | Ok   |
| 21 | AR1254ICC750   | AR1254ICC750      | PO114331.D | 09 Oct 2025 19:44 |  | YP/AJ | Ok   |
| 22 | AR1254ICC500   | AR1254ICC500      | PO114332.D | 09 Oct 2025 20:02 |  | YP/AJ | Ok   |
| 23 | AR1254ICC250   | AR1254ICC250      | PO114333.D | 09 Oct 2025 20:21 |  | YP/AJ | Ok   |
| 24 | AR1254ICC050   | AR1254ICC050      | PO114334.D | 09 Oct 2025 20:39 |  | YP/AJ | Ok   |
| 25 | AR1262ICC500   | AR1262ICC500      | PO114335.D | 09 Oct 2025 20:57 |  | YP/AJ | Ok   |
| 26 | AR1268ICC1000  | AR1268ICC1000     | PO114336.D | 09 Oct 2025 21:16 |  | YP/AJ | Ok   |
| 27 | AR1268ICC750   | AR1268ICC750      | PO114337.D | 09 Oct 2025 21:34 |  | YP/AJ | Ok   |
| 28 | AR1268ICC500   | AR1268ICC500      | PO114338.D | 09 Oct 2025 21:52 |  | YP/AJ | Ok   |
| 29 | AR1268ICC250   | AR1268ICC250      | PO114339.D | 09 Oct 2025 22:11 |  | YP/AJ | Ok,M |
| 30 | AR1268ICC050   | AR1268ICC050      | PO114340.D | 09 Oct 2025 22:29 |  | YP/AJ | Ok,M |
| 31 | PO100925ICV500 | ICVPO100925       | PO114341.D | 09 Oct 2025 22:47 |  | YP/AJ | Ok   |
| 32 | AR1242ICV500   | ICVPO100925AR1242 | PO114342.D | 09 Oct 2025 23:24 |  | YP/AJ | Ok   |
| 33 | AR1248ICV500   | ICVPO100925AR1248 | PO114343.D | 10 Oct 2025 00:01 |  | YP/AJ | Ok   |
| 34 | AR1254ICV500   | ICVPO100925AR1254 | PO114344.D | 10 Oct 2025 00:38 |  | YP/AJ | Ok   |
| 35 | AR1268ICV500   | ICVPO100925AR1268 | PO114345.D | 10 Oct 2025 01:14 |  | YP/AJ | Ok   |
| 36 | DDT ANALOG     | DDT ANALOG        | PO114346.D | 10 Oct 2025 01:51 |  | YP/AJ | Ok   |

M : Manual Integration



Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO103125**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 10/31/2025 2:38:32 PM         |
| Supervise By | rahul    | Supervise On      | 11/3/2025 8:14:34 AM          |
| SubDirectory | PO103125 | HP Acquire Method | HP Processing Method PO100925 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC                      | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852                                                                                                                                                                                                                                                                         |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |

| Sr# | SampleID     | ClientID       | Data File Name | Date-Time         | Comment    | Operator | Status |
|-----|--------------|----------------|----------------|-------------------|------------|----------|--------|
| 1   | HEXANE       | HEXANE         | PO114797.D     | 31 Oct 2025 09:01 |            | YP/AJ    | Ok     |
| 2   | AR1660CCC500 | AR1660CCC500   | PO114798.D     | 31 Oct 2025 09:45 |            | YP/AJ    | Ok     |
| 3   | AR1242CCC500 | AR1242CCC500   | PO114799.D     | 31 Oct 2025 10:02 |            | YP/AJ    | Ok     |
| 4   | AR1248CCC500 | AR1248CCC500   | PO114800.D     | 31 Oct 2025 10:20 |            | YP/AJ    | Ok     |
| 5   | AR1254CCC500 | AR1254CCC500   | PO114801.D     | 31 Oct 2025 10:38 |            | YP/AJ    | Ok     |
| 6   | I.BLK        | I.BLK          | PO114802.D     | 31 Oct 2025 10:56 |            | YP/AJ    | Ok     |
| 7   | Q3489-26     | L65-B          | PO114803.D     | 31 Oct 2025 11:14 |            | YP/AJ    | Ok,M   |
| 8   | Q3489-30     | STF24-B        | PO114804.D     | 31 Oct 2025 11:33 |            | YP/AJ    | Ok     |
| 9   | Q3489-15DL   | L60-ADL        | PO114805.D     | 31 Oct 2025 11:51 | AR1260 Hit | YP/AJ    | Ok,M   |
| 10  | Q3489-17DL   | L61-ADL        | PO114806.D     | 31 Oct 2025 12:10 | AR1260 Hit | YP/AJ    | Ok,M   |
| 11  | PB170339BL   | PB170339BL     | PO114807.D     | 31 Oct 2025 13:22 |            | YP/AJ    | Ok     |
| 12  | PB170339BS   | PB170339BS     | PO114808.D     | 31 Oct 2025 13:40 |            | YP/AJ    | Ok,M   |
| 13  | Q3495-02     | SB-1025-2      | PO114809.D     | 31 Oct 2025 13:58 |            | YP/AJ    | Ok,M   |
| 14  | Q3495-02MS   | SB-1025-2MS    | PO114810.D     | 31 Oct 2025 14:17 |            | YP/AJ    | Ok,M   |
| 15  | Q3495-02MSD  | SB-1025-2MSD   | PO114811.D     | 31 Oct 2025 14:35 |            | YP/AJ    | Ok,M   |
| 16  | Q3496-01     | DRILL-CUTTINGS | PO114812.D     | 31 Oct 2025 14:52 |            | YP/AJ    | Ok,M   |
| 17  | AR1660CCC500 | AR1660CCC500   | PO114813.D     | 31 Oct 2025 15:59 |            | YP/AJ    | Ok,M   |
| 18  | AR1242CCC500 | AR1242CCC500   | PO114814.D     | 31 Oct 2025 16:16 |            | YP/AJ    | Ok     |

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO103125**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/31/2025 2:38:32 PM         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | rahul                                                                                                                                                                                                                                                                                                                           | Supervise On      | 11/3/2025 8:14:34 AM          |
| SubDirectory             | PO103125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PO100925 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| CCC                      | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |                |            |                   |                    |       |       |
|----|--------------|----------------|------------|-------------------|--------------------|-------|-------|
| 19 | AR1248CCC500 | AR1248CCC500   | PO114815.D | 31 Oct 2025 16:33 |                    | YP/AJ | Ok,M  |
| 20 | AR1254CCC500 | AR1254CCC500   | PO114816.D | 31 Oct 2025 16:52 |                    | YP/AJ | Ok    |
| 21 | I.BLK        | I.BLK          | PO114817.D | 31 Oct 2025 17:10 |                    | YP/AJ | Ok,M  |
| 22 | Q3497-01     | OK-01-103025   | PO114818.D | 31 Oct 2025 17:29 |                    | YP/AJ | Ok    |
| 23 | Q3499-01     | RBR251235      | PO114819.D | 31 Oct 2025 17:46 |                    | YP/AJ | Ok,M  |
| 24 | Q3504-01     | 72-11986       | PO114820.D | 31 Oct 2025 18:04 |                    | YP/AJ | Ok,M  |
| 25 | Q3505-01     | 10-10-25-SOIL  | PO114821.D | 31 Oct 2025 18:21 | AR1254 Hit         | YP/AJ | Ok,M  |
| 26 | Q3500-05     | 461-LIQUID     | PO114822.D | 31 Oct 2025 18:38 |                    | YP/AJ | Ok,M  |
| 27 | Q3505-04     | 10-10-25-WATER | PO114823.D | 31 Oct 2025 18:57 | All surrogate fail | YP/AJ | ReRun |
| 28 | Q3505-05     | 10-16-25-WATER | PO114824.D | 31 Oct 2025 19:15 |                    | YP/AJ | Ok    |
| 29 | Q3505-06     | 10-17-25-WATER | PO114825.D | 31 Oct 2025 19:34 |                    | YP/AJ | Ok    |
| 30 | Q3496-03     | PURGE-WATER    | PO114826.D | 31 Oct 2025 19:52 |                    | YP/AJ | Ok,M  |
| 31 | Q3502-04     | PARTS-CLEANER  | PO114827.D | 31 Oct 2025 20:09 |                    | YP/AJ | Ok,M  |
| 32 | AR1660CCC500 | AR1660CCC500   | PO114828.D | 31 Oct 2025 21:12 |                    | YP/AJ | Ok,M  |
| 33 | AR1242CCC500 | AR1242CCC500   | PO114829.D | 31 Oct 2025 22:07 |                    | YP/AJ | Ok,M  |
| 34 | AR1248CCC500 | AR1248CCC500   | PO114830.D | 31 Oct 2025 22:24 |                    | YP/AJ | Ok,M  |
| 35 | AR1254CCC500 | AR1254CCC500   | PO114831.D | 31 Oct 2025 22:43 |                    | YP/AJ | Ok    |
| 36 | I.BLK        | I.BLK          | PO114832.D | 31 Oct 2025 23:00 |                    | YP/AJ | Ok    |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP102125**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 10/21/2025 12:01:15 PM        |
| Supervise By | mohammad | Supervise On      | 10/25/2025 7:28:37 AM         |
| SubDirectory | PP102125 | HP Acquire Method | HP Processing Method PP102125 |

| STD. NAME                                                                                                                                         | STD REF.#                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk<br>Initial Calibration Stds<br><br>CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854<br><br>PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |

| Sr# | SampleID      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE        | HEXANE        | PP075886.D     | 21 Oct 2025 08:33 |         | YP\AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PP075887.D     | 21 Oct 2025 08:49 |         | YP\AJ    | Ok,M   |
| 3   | AR1660ICC1000 | AR1660ICC1000 | PP075888.D     | 21 Oct 2025 09:06 |         | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | AR1660ICC750  | PP075889.D     | 21 Oct 2025 09:22 |         | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | AR1660ICC500  | PP075890.D     | 21 Oct 2025 09:38 |         | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | AR1660ICC250  | PP075891.D     | 21 Oct 2025 09:54 |         | YP\AJ    | Ok     |
| 7   | AR1660ICC050  | AR1660ICC050  | PP075892.D     | 21 Oct 2025 10:11 |         | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | AR1221ICC500  | PP075893.D     | 21 Oct 2025 10:27 |         | YP\AJ    | Ok     |
| 9   | AR1232ICC500  | AR1232ICC500  | PP075894.D     | 21 Oct 2025 10:43 |         | YP\AJ    | Ok,M   |
| 10  | AR1242ICC1000 | AR1242ICC1000 | PP075895.D     | 21 Oct 2025 10:59 |         | YP\AJ    | Ok,M   |
| 11  | AR1242ICC750  | AR1242ICC750  | PP075896.D     | 21 Oct 2025 11:16 |         | YP\AJ    | Ok,M   |
| 12  | AR1242ICC500  | AR1242ICC500  | PP075897.D     | 21 Oct 2025 11:48 |         | YP\AJ    | Ok,M   |
| 13  | AR1242ICC250  | AR1242ICC250  | PP075898.D     | 21 Oct 2025 12:04 |         | YP\AJ    | Ok,M   |
| 14  | AR1242ICC050  | AR1242ICC050  | PP075899.D     | 21 Oct 2025 12:21 |         | YP\AJ    | Ok,M   |
| 15  | AR1248ICC1000 | AR1248ICC1000 | PP075900.D     | 21 Oct 2025 12:41 |         | YP\AJ    | Ok,M   |
| 16  | AR1248ICC750  | AR1248ICC750  | PP075901.D     | 21 Oct 2025 12:57 |         | YP\AJ    | Ok,M   |
| 17  | AR1248ICC500  | AR1248ICC500  | PP075902.D     | 21 Oct 2025 13:13 |         | YP\AJ    | Ok,M   |
| 18  | AR1248ICC250  | AR1248ICC250  | PP075903.D     | 21 Oct 2025 13:30 |         | YP\AJ    | Ok,M   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP102125**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 10/21/2025 12:01:15 PM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 10/25/2025 7:28:37 AM         |
| SubDirectory             | PP102125                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP102125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P<br>P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP<br>24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| Initial Calibration Stds |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| CCC                      |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |                |                   |            |                   |  |       |      |
|----|----------------|-------------------|------------|-------------------|--|-------|------|
| 19 | AR1248ICC050   | AR1248ICC050      | PP075904.D | 21 Oct 2025 13:46 |  | YPIAJ | Ok,M |
| 20 | AR1254ICC1000  | AR1254ICC1000     | PP075905.D | 21 Oct 2025 14:02 |  | YPIAJ | Ok,M |
| 21 | AR1254ICC750   | AR1254ICC750      | PP075906.D | 21 Oct 2025 14:18 |  | YPIAJ | Ok,M |
| 22 | AR1254ICC500   | AR1254ICC500      | PP075907.D | 21 Oct 2025 14:35 |  | YPIAJ | Ok,M |
| 23 | AR1254ICC250   | AR1254ICC250      | PP075908.D | 21 Oct 2025 14:51 |  | YPIAJ | Ok,M |
| 24 | AR1254ICC050   | AR1254ICC050      | PP075909.D | 21 Oct 2025 15:07 |  | YPIAJ | Ok,M |
| 25 | AR1262ICC500   | AR1262ICC500      | PP075910.D | 21 Oct 2025 15:40 |  | YPIAJ | Ok   |
| 26 | AR1268ICC1000  | AR1268ICC1000     | PP075911.D | 21 Oct 2025 15:56 |  | YPIAJ | Ok   |
| 27 | AR1268ICC750   | AR1268ICC750      | PP075912.D | 21 Oct 2025 16:12 |  | YPIAJ | Ok   |
| 28 | AR1268ICC500   | AR1268ICC500      | PP075913.D | 21 Oct 2025 16:29 |  | YPIAJ | Ok   |
| 29 | AR1268ICC250   | AR1268ICC250      | PP075914.D | 21 Oct 2025 16:45 |  | YPIAJ | Ok   |
| 30 | AR1268ICC050   | AR1268ICC050      | PP075915.D | 21 Oct 2025 17:01 |  | YPIAJ | Ok   |
| 31 | PP102125ICV500 | ICVPP102125       | PP075916.D | 21 Oct 2025 17:34 |  | YPIAJ | Ok   |
| 32 | AR1242ICV500   | ICVPP102125AR1242 | PP075917.D | 21 Oct 2025 18:06 |  | YPIAJ | Ok,M |
| 33 | AR1248ICV500   | ICVPP102125AR1248 | PP075918.D | 21 Oct 2025 18:39 |  | YPIAJ | Ok,M |
| 34 | AR1254ICV500   | ICVPP102125AR1254 | PP075919.D | 22 Oct 2025 08:49 |  | YPIAJ | Ok,M |
| 35 | AR1268ICV500   | ICVPP102125AR1268 | PP075920.D | 22 Oct 2025 09:07 |  | YPIAJ | Ok   |
| 36 | DDT ANALOG     | DDT ANALOG        | PP075921.D | 22 Oct 2025 09:25 |  | YPIAJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP103125**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | rahul                                                                                                                                                                                                                                                                                                                           | Review On         | 11/3/2025 8:18:24 AM          |
| Supervise By             | yogesh                                                                                                                                                                                                                                                                                                                          | Supervise On      | 11/3/2025 8:49:19 AM          |
| SubDirectory             | PP103125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP102125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| CCC                      | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | SampleID     | ClientID          | Data File Name | Date-Time         | Comment                                                        | Operator | Status |
|-----|--------------|-------------------|----------------|-------------------|----------------------------------------------------------------|----------|--------|
| 1   | HEXANE       | HEXANE            | PP076241.D     | 31 Oct 2025 09:26 |                                                                | YPIAJ    | Ok     |
| 2   | AR1660CCC500 | AR1660CCC500      | PP076242.D     | 31 Oct 2025 09:43 | AR1260-04 high in second column                                | YPIAJ    | Ok     |
| 3   | AR1242CCC500 | AR1242CCC500      | PP076243.D     | 31 Oct 2025 09:59 |                                                                | YPIAJ    | Ok,M   |
| 4   | AR1248CCC500 | AR1248CCC500      | PP076244.D     | 31 Oct 2025 10:15 |                                                                | YPIAJ    | Ok,M   |
| 5   | AR1254CCC500 | AR1254CCC500      | PP076245.D     | 31 Oct 2025 10:32 |                                                                | YPIAJ    | Ok,M   |
| 6   | I.BLK        | I.BLK             | PP076246.D     | 31 Oct 2025 10:48 |                                                                | YPIAJ    | Ok     |
| 7   | Q3482-04     | WC-4              | PP076247.D     | 31 Oct 2025 11:09 |                                                                | YPIAJ    | Ok,M   |
| 8   | Q3500-01     | 459               | PP076248.D     | 31 Oct 2025 13:21 | TCMX high in 2nd column ,                                      | YPIAJ    | Ok,M   |
| 9   | Q3501-01     | 461               | PP076249.D     | 31 Oct 2025 13:38 | DCB low in 2nd and high in 1st column , TCMX low in 2nd column | YPIAJ    | Not Ok |
| 10  | Q3502-01     | CATCH-CAN-USED-OI | PP076250.D     | 31 Oct 2025 13:54 |                                                                | YPIAJ    | Ok,M   |
| 11  | Q3503-01     | 322               | PP076251.D     | 31 Oct 2025 14:10 |                                                                | YPIAJ    | Ok,M   |
| 12  | Q3503-03     | 323               | PP076252.D     | 31 Oct 2025 14:26 | DCB Low in 2nd column , AR1260 Hit                             | YPIAJ    | Ok,M   |
| 13  | Q3503-05     | 324               | PP076253.D     | 31 Oct 2025 14:43 |                                                                | YPIAJ    | Ok,M   |
| 14  | Q3505-02     | 10-10-25-PLASTIC  | PP076254.D     | 31 Oct 2025 14:59 | DCB Low in 2nd column                                          | YPIAJ    | Ok,M   |
| 15  | Q3505-03     | 10-17-25-RAGS     | PP076255.D     | 31 Oct 2025 15:15 |                                                                | YPIAJ    | Ok,M   |
| 16  | AR1660CCC500 | AR1660CCC500      | PP076256.D     | 31 Oct 2025 16:04 |                                                                | YPIAJ    | Ok,M   |
| 17  | AR1242CCC500 | AR1242CCC500      | PP076257.D     | 31 Oct 2025 16:20 |                                                                | YPIAJ    | Ok,M   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP103125**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | rahul                                                                                                                                                                                                                                                                                                                           | Review On         | 11/3/2025 8:18:24 AM          |
| Supervise By             | yogesh                                                                                                                                                                                                                                                                                                                          | Supervise On      | 11/3/2025 8:49:19 AM          |
| SubDirectory             | PP103125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP102125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| CCC                      | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |              |            |                   |                                     |       |       |
|----|--------------|--------------|------------|-------------------|-------------------------------------|-------|-------|
| 18 | AR1248CCC500 | AR1248CCC500 | PP076258.D | 31 Oct 2025 16:37 |                                     | YPIAJ | Ok,M  |
| 19 | AR1254CCC500 | AR1254CCC500 | PP076259.D | 31 Oct 2025 16:53 |                                     | YPIAJ | Ok,M  |
| 20 | I.BLK        | I.BLK        | PP076260.D | 31 Oct 2025 17:09 |                                     | YPIAJ | Ok    |
| 21 | PB170347BL   | PB170347BL   | PP076261.D | 31 Oct 2025 17:26 |                                     | YPIAJ | Ok    |
| 22 | PB170347BS   | PB170347BS   | PP076262.D | 31 Oct 2025 17:42 |                                     | YPIAJ | Ok,M  |
| 23 | PB170347BSD  | PB170347BSD  | PP076263.D | 31 Oct 2025 17:58 |                                     | YPIAJ | Ok,M  |
| 24 | Q3484-01     | TRE-25-0118  | PP076264.D | 31 Oct 2025 18:14 | AR1254 hit                          | YPIAJ | Ok,M  |
| 25 | Q3492-01     | 252611       | PP076265.D | 31 Oct 2025 18:31 |                                     | YPIAJ | Ok,M  |
| 26 | Q3495-03     | TW-1025-1    | PP076266.D | 31 Oct 2025 18:47 |                                     | YPIAJ | Ok,M  |
| 27 | Q3500-02     | 462          | PP076267.D | 31 Oct 2025 19:03 | AR1248+1260 Hit                     | YPIAJ | Ok,M  |
| 28 | Q3500-03     | 463          | PP076268.D | 31 Oct 2025 19:19 | AR1248+1260 Hit                     | YPIAJ | Ok,M  |
| 29 | Q3500-04     | 465          | PP076269.D | 31 Oct 2025 19:36 | DCB Low in 2nd column               | YPIAJ | Ok,M  |
| 30 | Q3503-07     | 320          | PP076270.D | 31 Oct 2025 19:52 | DCB low and TCMX high in 2nd column | YPIAJ | ReRun |
| 31 | AR1660CCC500 | AR1660CCC500 | PP076271.D | 31 Oct 2025 20:57 |                                     | YPIAJ | Ok    |
| 32 | AR1242CCC500 | AR1242CCC500 | PP076272.D | 31 Oct 2025 21:46 | TCMX high in 2nd column             | YPIAJ | Ok,M  |
| 33 | AR1248CCC500 | AR1248CCC500 | PP076273.D | 31 Oct 2025 22:02 |                                     | YPIAJ | Ok,M  |
| 34 | AR1254CCC500 | AR1254CCC500 | PP076274.D | 31 Oct 2025 22:18 |                                     | YPIAJ | Ok,M  |
| 35 | I.BLK        | I.BLK        | PP076275.D | 31 Oct 2025 22:34 |                                     | YPIAJ | Ok    |
| 36 | PB170358BL   | PB170358BL   | PP076276.D | 31 Oct 2025 22:51 |                                     | YPIAJ | Ok    |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP103125**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | rahul                                                                                                                                                                                                                                                                                                                           | Review On         | 11/3/2025 8:18:24 AM          |
| Supervise By             | yogesh                                                                                                                                                                                                                                                                                                                          | Supervise On      | 11/3/2025 8:49:19 AM          |
| SubDirectory             | PP103125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP102125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| CCC                      | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |                     |            |                   |                               |       |          |
|----|--------------|---------------------|------------|-------------------|-------------------------------|-------|----------|
| 37 | PB170358BS   | PB170358BS          | PP076277.D | 31 Oct 2025 23:07 |                               | YPIAJ | Ok,M     |
| 38 | Q3437-15     | SS-32(0-0.5)        | PP076278.D | 31 Oct 2025 23:23 | AR1254 Hit                    | YPIAJ | Ok,M     |
| 39 | Q3450-04     | SS-10R-(3.5-4.0)    | PP076279.D | 31 Oct 2025 23:40 |                               | YPIAJ | Ok,M     |
| 40 | Q3450-04MS   | SS-10R-(3.5-4.0)MS  | PP076280.D | 31 Oct 2025 23:56 |                               | YPIAJ | Ok,M     |
| 41 | Q3450-04MSD  | SS-10R-(3.5-4.0)MSD | PP076281.D | 01 Nov 2025 00:12 |                               | YPIAJ | Ok,M     |
| 42 | Q3450-05     | SS-13R-(3.5-4.0)    | PP076282.D | 01 Nov 2025 00:28 |                               | YPIAJ | Ok       |
| 43 | Q3450-06     | SS-13R-(5.0-5.5)    | PP076283.D | 01 Nov 2025 00:45 |                               | YPIAJ | Ok,M     |
| 44 | Q3450-23     | SS-22-(0.0-0.5)     | PP076284.D | 01 Nov 2025 01:01 | AR1254 Hit , Need 5x dilution | YPIAJ | Dilution |
| 45 | Q3450-25     | SS-22-(3.5-4.0)     | PP076285.D | 01 Nov 2025 01:17 | AR1254 Hit                    | YPIAJ | Ok,M     |
| 46 | AR1660CCC500 | AR1660CCC500        | PP076286.D | 01 Nov 2025 02:22 |                               | YPIAJ | Ok,M     |
| 47 | AR1242CCC500 | AR1242CCC500        | PP076287.D | 01 Nov 2025 03:11 | TCMX high in 2nd column       | YPIAJ | Ok,M     |
| 48 | AR1248CCC500 | AR1248CCC500        | PP076288.D | 01 Nov 2025 03:28 | TCMX high in 2nd column       | YPIAJ | Ok,M     |
| 49 | AR1254CCC500 | AR1254CCC500        | PP076289.D | 01 Nov 2025 03:44 | TCMX high in 2nd column       | YPIAJ | Ok,M     |
| 50 | I.BLK        | I.BLK               | PP076290.D | 01 Nov 2025 04:00 |                               | YPIAJ | Ok       |

M : Manual Integration

# 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)

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: JG (wvc)  
 Raw Sample Relinquished by: RS c (1711-126)  
 Date/Time 10/30/25 17:30  
 Raw Sample Received by: RS-1151-126  
 Raw Sample Relinquished by: JG (wvc)

# 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 15:30  
 Raw Sample Received by: sg wwc  
 Raw Sample Relinquished by: RS C EIT-1260

Date/Time 10/30/25 17:30  
 Raw Sample Received by: RS C EIT-1260  
 Raw Sample Relinquished by: sg wwc

# 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 WWC  
 Raw Sample Relinquished by: RS C (EIT-1066)

Date/Time 10/30/25 17:30  
 Raw Sample Received by: RS C (EIT-1066)  
 Raw Sample Relinquished by: SB WWC

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

**Clean Up SOP #:** Acid Cleanup

**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 :** 10/31/2025

**Extraction Start Time :** 08:27

**Extraction End Date :** 10/31/2025

**Extraction End Time :** 11:40

**Concentration By:** EH

**Supervisor By :** RUPESH

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

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 5000 PPB            | PP24930             |
| Surrogate     | 1.0ML    | 200 PPB             | PP24663             |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| Hexane/Acetone/1:1 | N/A            | EP2643     |
| Baked Na2SO4       | N/A            | EP2655     |
| Hexane             | N/A            | E3981      |
| H2SO4 1:1          | N/A            | EP2610     |
| Sand               | N/A            | E3951      |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

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

40ML Vial Lot # 03-40BTS721. Q3500-01,Q3501-01,Q3502-01,Q3503-01,05 & Q3505-02,03 used Limited volume as samples are oil & Oily Debris.

**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 |
|-------------|-----------------------------------------|----------------------|
| 10/31/25    | RS (Ext Lab)                            | YP-Pest/PLB.         |
| 11:45       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/31/2025

| Sample ID       | Client Sample ID   | Test | g/ mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments        | Prep<br>Pos |
|-----------------|--------------------|------|-------|-----|----------------|------------|--------------------|-------|-----------------|-------------|
|                 |                    |      |       |     | AddedBy        | VerifiedBy |                    |       |                 |             |
| PB170339BL      | ABLK339            | PCB  | 30.01 | N/A | ritesh         | Evelyn     | 10                 |       |                 | U1-1        |
| PB170339BS      | ALCS339            | PCB  | 30.02 | N/A | ritesh         | Evelyn     | 10                 |       |                 | 2           |
| Q3495-02        | SB-1025-2          | PCB  | 30.06 | N/A | ritesh         | Evelyn     | 10                 | E     |                 | 3           |
| Q3495-02MS      | SB-1025-2MS        | PCB  | 30.09 | N/A | ritesh         | Evelyn     | 10                 | E     |                 | 4           |
| Q3495-02MS<br>D | SB-1025-2MSD       | PCB  | 30.08 | N/A | ritesh         | Evelyn     | 10                 | E     |                 | 5           |
| Q3496-01        | DRILL-CUTTINGS     | PCB  | 30.04 | N/A | ritesh         | Evelyn     | 10                 | E     |                 | 6           |
| Q3497-01        | OK-01-103025       | PCB  | 30.05 | N/A | ritesh         | Evelyn     | 10                 | E     |                 | U2-1        |
| Q3499-01        | RBR251235          | PCB  | 30.02 | N/A | ritesh         | Evelyn     | 10                 | E     |                 | 2           |
| Q3500-01        | 459                | PCB  | 1.02  | N/A | ritesh         | Evelyn     | 10                 |       | Oil             |             |
| Q3501-01        | 461                | PCB  | 5.03  | N/A | ritesh         | Evelyn     | 10                 | E     | Oily Debris     | 3           |
| Q3502-01        | CATCH-CAN-USED-OIL | PCB  | 1.05  | N/A | ritesh         | Evelyn     | 10                 |       | Oil             |             |
| Q3503-01        | 322                | PCB  | 5.06  | N/A | ritesh         | Evelyn     | 10                 | E     | Oily Debris     | 4           |
| Q3503-03        | 323                | PCB  | 30.03 | N/A | ritesh         | Evelyn     | 10                 | E     | Small Particles | 5           |
| Q3503-05        | 324                | PCB  | 5.04  | N/A | ritesh         | Evelyn     | 10                 | E     | Oily Debris     | 6           |
| Q3504-01        | 72-11986           | PCB  | 30.07 | N/A | ritesh         | Evelyn     | 10                 | E     |                 | U3-1        |
| Q3505-01        | 10-10-25-SOIL      | PCB  | 30.03 | N/A | ritesh         | Evelyn     | 10                 | B     |                 | 2           |
| Q3505-02        | 10-10-25-PLASTIC   | PCB  | 5.02  | N/A | ritesh         | Evelyn     | 10                 | E     | Oily Debris     | 3           |
| Q3505-03        | 10-17-25-RAGS      | PCB  | 5.08  | N/A | ritesh         | Evelyn     | 10                 | E     | Oily Debris     | 4           |

\* Extracts relinquished on the same date as received.

Rs  
10/31

8:27  
10/31/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3495      WorkList ID : 192804      Department : Extraction      Date : 10-31-2025 08:22:18

| Sample   | Customer Sample    | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|--------------------|--------|------|--------------|----------|-----------------------------|--------------|--------|
| Q3495-02 | SB-1025-2          | Solid  | PCB  | Cool 4 deg C | REMI02   | D51                         | 10/27/2025   | 8082A  |
| Q3496-01 | DRILL-CUTTINGS     | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3497-01 | OK-01-103025       | Solid  | PCB  | Cool 4 deg C | PSEG05   | D41                         | 10/30/2025   | 8082A  |
| Q3499-01 | RBR251235          | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3500-01 | 459                | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3501-01 | 461                | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3502-01 | CATCH-CAN-USED-OIL | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3503-01 | 322                | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3503-03 | 323                | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3503-05 | 324                | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3504-01 | 72-11986           | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3505-01 | 10-10-25-SOIL      | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3505-02 | 10-10-25-PLASTIC   | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3505-03 | 10-17-25-RAGS      | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |

Date/Time 10/31/25 8:22  
Raw Sample Received by: R3 (ETA-146)  
Raw Sample Relinquished by: JH (ACC)

Date/Time 10/31/25 8:50  
Raw Sample Received by: JH (ACC)  
Raw Sample Relinquished by: R3 (ETA-146)

SOP ID: M3510C,3580A-Extraction PCB-15

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 10/31/2025

Matrix : Water

Extraction Start Time : 08:45

Weigh By: N/A

Extraction By: RS

Extraction End Date : 10/31/2025

Balance check: N/A

Filter By: RS

Extraction End Time : 13:15

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3953

Hood ID: 4,6,7

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 |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 5000 PPB            | PP24930             |
| Surrogate     | 1.0ML    | 200 PPB             | PP24663             |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| Methylene Chloride | N/A            | E3980      |
| Baked Na2SO4       | N/A            | EP2652     |
| Hexane             | N/A            | E3981      |
| H2SO4 1:1          | N/A            | EP2610     |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

## Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot# 03-40BTS721. Q3500-04 &amp; Q3503-07 used Limited volume as samples are oily.

KD Bath ID: WATER BATH-1

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

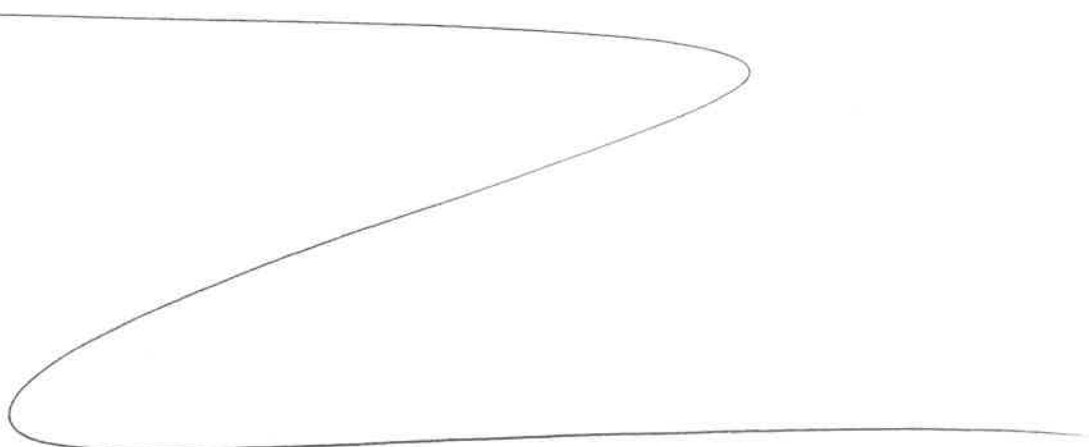
| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 10/21/25    | RS (Ext Lab)                            | T.P. Pestilera       |
| 13:20       | Preparation Group                       | Analysis Group       |



Analytical Method: M3510C,3580A-Extraction PCB-15

Concentration Date: 10/31/2025

| Sample ID   | Client Sample ID | Test | g /  | PH | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-------------|------------------|------|---------------------------------------------------------------------------------------|----|----------------|------------|--------------------|-------|----------|-------------|
|             |                  |      |                                                                                       |    | AddedBy        | VerifiedBy |                    |       |          |             |
| PB170347BL  | ABLK347          | PCB  | 1000                                                                                  | 6  | RUPESH         | ritesh     | 10                 |       |          | SEP-1       |
| PB170347BS  | ALCS347          | PCB  | 1000                                                                                  | 6  | RUPESH         | ritesh     | 10                 |       |          | 2           |
| PB170347BSD | ALCSD347         | PCB  | 1000                                                                                  | 6  | RUPESH         | ritesh     | 10                 |       |          | 3           |
| Q3484-01    | TRE-25-0118      | PCB  | 990                                                                                   | 6  | RUPESH         | ritesh     | 10                 | C     |          | 4           |
| Q3492-01    | 252611           | PCB  | 1000                                                                                  | 6  | RUPESH         | ritesh     | 10                 | C     |          | 5           |
| Q3495-03    | TW-1025-1        | PCB  | 980                                                                                   | 6  | RUPESH         | ritesh     | 10                 | F     |          | 6           |
| Q3496-03    | PURGE-WATER      | PCB  | 1000                                                                                  | 6  | RUPESH         | ritesh     | 10                 | C     |          | 7           |
| Q3500-02    | 462              | PCB  | 970                                                                                   | 9  | RUPESH         | ritesh     | 10                 | E     |          | 8           |
| Q3500-03    | 463              | PCB  | 1000                                                                                  | 6  | RUPESH         | ritesh     | 10                 | E     |          | 9           |
| Q3500-04    | 465              | PCB  | 100                                                                                   | 6  | RUPESH         | ritesh     | 10                 | C     | Oil      | 10          |
| Q3500-05    | 461-LIQUID       | PCB  | 990                                                                                   | 6  | RUPESH         | ritesh     | 10                 | E     |          | 11          |
| Q3503-07    | 320              | PCB  | 100                                                                                   | 6  | RUPESH         | ritesh     | 10                 | B     | Oil      | 13          |
| Q3505-04    | 10-10-25-WATER   | PCB  | 950                                                                                   | 6  | RUPESH         | ritesh     | 10                 | E     |          | 14          |
| Q3505-05    | 10-16-25-WATER   | PCB  | 1000                                                                                  | 10 | RUPESH         | ritesh     | 10                 | E     |          | 15          |
| Q3505-06    | 10-17-25-WATER   | PCB  | 990                                                                                   | 11 | RUPESH         | ritesh     | 10                 | E     |          | 16          |


# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3492      WorkList ID : 192820      Department : Extraction      Date : 10-31-2025 08:38:54

| Sample   | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|------|--------------|----------|-----------------------------|--------------|--------|
| Q3484-01 | TRE-25-0118     | Water  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | 8082A  |
| Q3492-01 | 252811          | Water  | PCB  | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | 8082A  |
| Q3495-03 | TW-1025-1       | Water  | PCB  | Cool 4 deg C | REMI02   | D51                         | 10/27/2025   | 8082A  |
| Q3496-03 | PURGE-WATER     | Water  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3500-02 | 462             | Water  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3500-03 | 463             | Water  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3500-04 | 465             | Water  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3500-05 | 461-LIQUID      | Water  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3503-07 | 320             | Water  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3505-04 | 10-10-25-WATER  | Water  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3505-05 | 10-16-25-WATER  | Water  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |
| Q3505-06 | 10-17-25-WATER  | Water  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | 8082A  |

Date/Time 10/31/25 8:40  
 Raw Sample Received by: RS (Ext 1662)  
 Raw Sample Relinquished by: JDCSM

Date/Time 10/31/25 9:20  
 Raw Sample Received by: JDCSM  
 Raw Sample Relinquished by: RS (Ext 1662)

## Prep Standard - Chemical Standard Summary

**Order ID :** Q3495

**Test :** PCB

**Prepbatch ID :** PB170339,PB170347,

**Sequence ID/Qc Batch ID:** po103125,pp103125,

### Standard ID :

EP2610,EP2643,EP2652,EP2655,PP24329,PP24330,PP24381,PP24663,PP24805,PP24806,PP24807,PP24808,PP24809,PP24810,PP24811,PP24812,PP24814,PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862,PP24930,

### Chemical ID :

E3804,E3875,E3944,E3951,E3962,E3963,E3971,E3972,E3980,E3981,M6157,P 11522,P11592,P12700,P12703,P12952,P12953,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13786,P13789,P13833,P13879,P13881,P13885,W3112,W3177,W3234,



| <u>Recipe ID</u> | <u>NAME</u>                                                                 | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u>                      | <u>PipetteID</u> | <u>Supervised By</u>                |
|------------------|-----------------------------------------------------------------------------|------------------------|------------------|------------------------|--------------------|-------------------------------------|------------------|-------------------------------------|
| 314              | 1.1 H2SO4 SOLN                                                              | <a href="#">EP2610</a> | 05/07/2025       | 11/07/2025             | RUPESHKUMAR SHAH   | Extraction_SC<br>ALE_2<br>(EX-SC-2) | None             | Riteshkumar Patel<br><br>05/07/2025 |
| <u>FROM</u>      | 1000.00000ml of M6157 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml |                        |                  |                        |                    |                                     |                  |                                     |

|                                                                                                |                    |                        |                         |                               |                           |                       |                         |                                 |
|------------------------------------------------------------------------------------------------|--------------------|------------------------|-------------------------|-------------------------------|---------------------------|-----------------------|-------------------------|---------------------------------|
| <b><u>Recipe ID</u></b>                                                                        | <b><u>NAME</u></b> | <b><u>NO.</u></b>      | <b><u>Prep Date</u></b> | <b><u>Expiration Date</u></b> | <b><u>Prepared By</u></b> | <b><u>ScaleID</u></b> | <b><u>PipetteID</u></b> | <b><u>Supervised By</u></b>     |
| 230                                                                                            | 1:1ACETONE/HEXANE  | <a href="#">EP2643</a> | 09/16/2025              | 03/16/2026                    | Evelyn Huang              | None                  | None                    | Riteshkumar Patel<br>09/16/2025 |
| <b><u>FROM</u></b> 4000.00000ml of E3971 + 4000.00000ml of E3972 = Final Quantity: 8000.000 ml |                    |                        |                         |                               |                           |                       |                         |                                 |



| <u>Recipe ID</u>                                                           | <u>NAME</u>          | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u>                      | <u>PipetteID</u> | <u>Supervised By</u>                |
|----------------------------------------------------------------------------|----------------------|------------------------|------------------|------------------------|--------------------|-------------------------------------|------------------|-------------------------------------|
| 3923                                                                       | Baked Sodium Sulfate | <a href="#">EP2652</a> | 10/10/2025       | 01/28/2026             | Evelyn Huang       | Extraction_SC<br>ALE_2<br>(EX-SC-2) | None             | Riteshkumar Patel<br><br>10/10/2025 |
| <b><u>FROM</u></b> 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>            |
|----------------------------------------------------------------------------|----------------------|------------------------|------------------|------------------------|--------------------|---------------------------------|------------------|---------------------------------|
| 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 |
| <b><u>FROM</u></b> 4000.00000gram of E3875 = Final Quantity: 4000.000 gram |                      |                        |                  |                        |                    |                                 |                  |                                 |

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 84               | Pest/PCB Surrogate Stock 20 PPM | <a href="#">PP24329</a> | 03/18/2025       | 08/22/2025             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                 |                         |                  |                        |                    |                |                  | 04/03/2025           |

**FROM** 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 202              | AR1660 1000/100 ppb working solution 1st source | <a href="#">PP24330</a> | 03/18/2025       | 08/22/2025             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                                 |                         |                  |                        |                    |                |                  | 04/03/2025           |

**FROM** 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

## 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>      |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|---------------------------|
| 1893             | AR1254 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP24381</a> | 03/18/2025       | 08/22/2025             | Yogesh Patel       | None           | None             | Abdul Mirza<br>04/03/2025 |

**FROM** 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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

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

## Pest/Pcb STANDARD PREPARATION LOG

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

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

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 213              | AR1221 1000 PPB WORKING SOLUTION | <a href="#">PP24806</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                  |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.10000ml of P13375 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml



## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 214              | AR1232 1000 PPB WORKING SOLUTION | <a href="#">PP24807</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                  |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.10000ml of P13879 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 215              | AR1242 1000 PPB WORKING STD | <a href="#">PP24808</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                             |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.10000ml of P13706 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 216              | AR1248 1000 PPB WORKING STD | <a href="#">PP24809</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                             |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.10000ml of P13695 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 217              | AR1254 1000 PPB WORKING STD | <a href="#">PP24810</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                             |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.10000ml of P11592 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1529             | AR1262 1000 PPB Working Solution | <a href="#">PP24811</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                  |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.10000ml of P13881 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1532             | AR1268 1000 PPB Working Solution | <a href="#">PP24812</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                  |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.10000ml of P13885 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 404              | AR1660 100 PPM Stock Solution<br>2nd Source | <a href="#">PP24814</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                             |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 1.00000ml of P12952 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 405              | AR1660 1000/100 PPB ICV STD | <a href="#">PP24815</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                             |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 98.50000ml of E3962 + 0.50000ml of PP24805 + 1.00000ml of PP24814 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3789             | AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT) | <a href="#">PP24816</a> | 08/18/2025       | 02/15/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                                 |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 1.00000ml of P13373 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                             | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1887             | AR1232 1000 PPB Working Sol. 2nd Source | <a href="#">PP24817</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                         |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 1.00000ml of P12700 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1889             | AR1242 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP24818</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                            |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 1.00000ml of P13590 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1890             | AR1248 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP24819</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                            |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 1.00000ml of P13592 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                   | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 2193             | AR1254 100 PPM STOCK SOLUTION | <a href="#">PP24820</a> | 08/18/2025       | 02/15/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                               |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 1.00000ml of P13833 + 9.00000ml of E3963 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                    | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3757             | AR1262 1000 PPB Working Solution second source | <a href="#">PP24821</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                                |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 1.00000ml of P12703 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3817             | AR1268 1000 ppb Working Soln.<br>2nd source | <a href="#">PP24822</a> | 08/18/2025       | 02/15/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                             |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 1.00000ml of P11522 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 203              | AR1660 750 PPB STD | <a href="#">PP24823</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24330 = Final Quantity: 1.000 ml



## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 204              | AR1660 500 PPB STD | <a href="#">PP24824</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24330 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 205              | AR1660 250 PPB STD | <a href="#">PP24825</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24330 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 206              | AR1660 50 PPB STD | <a href="#">PP24826</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                   |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24824 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1079             | AR1221 750 PPB STD | <a href="#">PP24827</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24806 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 222              | AR1221 500 PPB STD | <a href="#">PP24828</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24806 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1080             | AR1221 250 PPB STD | <a href="#">PP24829</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24806 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1081             | AR1221 50 PPB STD | <a href="#">PP24830</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                   |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24828 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1063             | AR1232 750 PPB STD | <a href="#">PP24831</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24807 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 223              | AR1232 500 PPB STD | <a href="#">PP24832</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24807 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1064             | AR1232 250 PPB STD | <a href="#">PP24833</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24807 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1065             | AR1232 50 PPB STD | <a href="#">PP24834</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                   |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24832 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1067             | AR1242 750 PPB STD | <a href="#">PP24835</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24808 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 224              | AR1242 500 PPB STD | <a href="#">PP24836</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24808 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1068             | AR1242 250 PPB STD | <a href="#">PP24837</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24808 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1069             | AR1242 50 PPB STD | <a href="#">PP24838</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                   |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24836 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1075             | AR1248 750 PPB STD | <a href="#">PP24839</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24809 = Final Quantity: 1.000 ml



## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 225              | AR1248 500 PPB STD | <a href="#">PP24840</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24809 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1076             | AR1248 250 PPB STD | <a href="#">PP24841</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24809 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1077             | AR1248 50 PPB STD | <a href="#">PP24842</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                   |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24840 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1071             | AR1254 750 PPB STD | <a href="#">PP24843</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24810 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 226              | AR1254 500 PPB STD | <a href="#">PP24844</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24810 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1072             | AR1254 250 PPB STD | <a href="#">PP24845</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24810 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1073             | AR1254 50 PPB STD | <a href="#">PP24846</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                   |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24844 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3753             | AR1262 750 PPB STD | <a href="#">PP24847</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24811 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1530             | AR1262 500 PPB STD | <a href="#">PP24848</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24811 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3754             | AR1262 250 PPB STD | <a href="#">PP24849</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24811 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3755             | AR1262 50 PPB STD | <a href="#">PP24850</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                   |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24848 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3820             | AR1268 750 PPB STD | <a href="#">PP24851</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24812 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1533             | AR1268 500 PPB STD | <a href="#">PP24852</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24812 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3821             | AR1268 250 PPB STD | <a href="#">PP24853</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24812 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3822             | AR1268 50 PPB STD | <a href="#">PP24854</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                   |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24852 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 406              | AR1660 500 PPB ICV | <a href="#">PP24855</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24815 = Final Quantity: 1.000 ml



## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3790             | AR1221 500 PPB ICV(AGILENT) | <a href="#">PP24856</a> | 08/18/2025       | 02/15/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                             |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24816 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1888             | AR1232 500 PPB ICV | <a href="#">PP24857</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24817 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1891             | AR1242 500 PPB ICV | <a href="#">PP24858</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24818 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1892             | AR1248 500 PPB ICV | <a href="#">PP24859</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24819 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1894             | AR1254 500 PPB ICV | <a href="#">PP24860</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                    |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3758             | AR1262 500 PPB STD ICV | <a href="#">PP24861</a> | 08/18/2025       | 02/18/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                        |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24821 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3823             | AR1268 500 PPB STD ICV | <a href="#">PP24862</a> | 08/18/2025       | 02/15/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                        |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24822 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3857             | 5000 PPB PCB SPIKE SOLUTION 2ND SOURCE | <a href="#">PP24930</a> | 09/18/2025       | 03/18/2026             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                        |                         |                  |                        |                    |                |                  | 09/19/2025           |

**FROM** 0.50000ml of P12953 + 99.50000ml of E3972 = Final Quantity: 100.000 ml

## CHEMICAL RECEIPT LOG BOOK

| Supplier         | ItemCode / ItemName               | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-----------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | 9005-05 / Acetone Ultra (cs/4x4L) | 24E0761004 | 02/18/2026      | 10/01/2024 / Rajesh     | 09/25/2024 / Rajesh         | E3804          |

| Supplier                    | ItemCode / ItemName                                    | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-----------------------------|--------------------------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| PCI Scientific Supply, Inc. | PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1 | 417203 | 01/28/2026      | 07/28/2025 / RUPESH     | 01/29/2025 / Rajesh         | E3875          |

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

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

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

| Supplier         | ItemCode / ItemName                        | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|--------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H2762008 | 02/15/2026      | 08/15/2025 / RUPESH     | 08/07/2025 / RUPESH         | E3963          |

## 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 # |
|------------------|--------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 05/24/2027      | 09/16/2025 / Evelyn     | 09/04/2025 / Riteshkumar    | E3972          |

| Supplier         | ItemCode / ItemName                                         | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L) | 25C1262005 | 04/16/2026      | 10/10/2025 / RUPESH     | 10/10/2025 / RUPESH         | E3980          |

| 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      | 10/27/2025 / RUPESH     | 10/22/2025 / RUPESH         | E3981          |

| Supplier         | ItemCode / ItemName                                     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|---------------------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L) | 24i1262013 | 11/07/2025      | 05/07/2025 / RUPESH     | 02/18/2025 / Mohan          | M6157          |

| Supplier             | ItemCode / ItemName     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------------------|-------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Agilent Technologies | PP-382-1 / Aroclor 1268 | 0006587800 | 09/18/2025      | 03/18/2025 / yogesh     | 02/21/2022 / Ankita         | P11522         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul | A0175403 | 02/18/2026      | 08/18/2025 / yogesh     | 03/18/2022 / Abdul          | P11592         |

| Supplier                | ItemCode / ItemName            | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-------------------------|--------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc | 91867 / Aroclor 1232 100 ug/mL | 020823 | 02/18/2026      | 08/18/2025 / yogesh     | 08/07/2023 / Ankita         | P12700         |

| Supplier                | ItemCode / ItemName            | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-------------------------|--------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc | x9166 / Aroclor 1262 100 ug/mL | 060523 | 02/18/2026      | 08/18/2025 / yogesh     | 08/07/2023 / Ankita         | P12703         |

| Supplier                 | ItemCode / ItemName       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|---------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | 20064 / Aroclor 1016/1260 | 022023 | 02/18/2026      | 08/18/2025 / yogesh     | 12/20/2023 / Yogesh         | P12952         |

| Supplier                 | ItemCode / ItemName       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|---------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | 20064 / Aroclor 1016/1260 | 022023 | 03/18/2026      | 09/18/2025 / Abdul      | 12/20/2023 / Yogesh         | P12953         |

| Supplier                 | ItemCode / ItemName | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|---------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | / Aroclor 1254      | 121823 | 04/03/2025      | 10/03/2024 / Ankita     | 12/20/2023 / Yogesh         | P12957         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                                                | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0206810 | 09/18/2025      | 03/18/2025 / yogesh     | 04/22/2024 / Abdul          | P13356         |

| Supplier             | ItemCode / ItemName     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------------------|-------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Agilent Technologies | PP-292-1 / Aroclor 1221 | 0006783205 | 09/18/2025      | 03/18/2025 / yogesh     | 05/02/2024 / Ankita         | P13373         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul | A0207511 | 02/18/2026      | 08/18/2025 / yogesh     | 05/03/2024 / Abdul          | P13375         |

| Supplier             | ItemCode / ItemName     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------------------|-------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Agilent Technologies | PP-312-1 / Aroclor 1242 | 0006665550 | 02/18/2026      | 08/18/2025 / yogesh     | 10/14/2024 / Ankita         | P13590         |

| Supplier             | ItemCode / ItemName     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------------------|-------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Agilent Technologies | PP-342-1 / Aroclor 1248 | 0006726317 | 02/18/2026      | 08/18/2025 / yogesh     | 10/14/2024 / Ankita         | P13592         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul | A0214733 | 02/18/2026      | 08/18/2025 / yogesh     | 10/17/2024 / yogesh         | P13695         |



## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                              | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul | A0210629 | 09/18/2025      | 03/18/2025 / yogesh     | 10/17/2024 / yogesh         | P13697         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul | A0210232 | 02/18/2026      | 08/18/2025 / yogesh     | 10/17/2024 / yogesh         | P13706         |

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

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

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul | a0217391 | 02/18/2026      | 08/18/2025 / yogesh     | 12/09/2024 / Ankita         | P13833         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul | A0219655 | 02/18/2026      | 08/18/2025 / yogesh     | 01/23/2025 / Ankita         | P13879         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                       | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-----------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane | A0217041 | 02/18/2026      | 08/18/2025 / yogesh     | 01/23/2025 / Ankita         | P13881         |

| Supplier | ItemCode / ItemName                                       | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-----------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane | A0217264 | 02/18/2026      | 08/18/2025 / yogesh     | 01/23/2025 / Ankita         | P13885         |

| Supplier         | ItemCode / ItemName | Lot #               | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|---------------------|---------------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | DIW / DI Water      | Daily Lab-Certified | 07/03/2029      | 07/03/2024 / lwona      | 07/03/2024 / lwona          | W3112          |

| Supplier         | ItemCode / ItemName                       | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 24G1962003 | 08/22/2025      | 02/03/2025 / jignesh    | 01/31/2025 / jignesh        | W3177          |

| Supplier         | ItemCode / ItemName                       | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 25C0362005 | 04/30/2026      | 07/28/2025 / jignesh    | 07/25/2025 / jignesh        | W3234          |

Acetone  
CMOS

avantor™



Material No.: 9005-05  
Batch No.: 24E0761004  
Manufactured Date: 2024-05-02  
Retest Date: 2029-05-01  
Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | ≥ 99.5 %      | 99.8 %      |
| Color (APHA)                                                            | ≤ 10          | < 5         |
| Residue after Evaporation                                               | ≤ 5 ppm       | < 1 ppm     |
| Titration Acid (μeq/g)                                                  | ≤ 0.3         | 0.1         |
| Titration Base (μeq/g)                                                  | ≤ 0.5         | 0.1         |
| Water (H <sub>2</sub> O)                                                | ≤ 0.5 %       | 0.1 %       |
| Solubility in H <sub>2</sub> O                                          | Passes Test   | Passes Test |
| Chloride (Cl)                                                           | ≤ 0.2 ppm     | < 0.2 ppm   |
| Phosphate (PO <sub>4</sub> )                                            | ≤ 0.05 ppm    | < 0.05 ppm  |
| Trace Impurities – Aluminum (Al)                                        | ≤ 50.0 ppb    | < 5.0 ppb   |
| Arsenic and Antimony (as As)                                            | ≤ 5.0 ppb     | < 5.0 ppb   |
| Trace Impurities – Barium (Ba)                                          | ≤ 20.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Beryllium (Be)                                       | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Bismuth (Bi)                                         | ≤ 20.0 ppb    | < 10.0 ppb  |
| Trace Impurities – Boron (B)                                            | ≤ 10.0 ppb    | < 5.0 ppb   |
| Trace Impurities – Cadmium (Cd)                                         | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Calcium (Ca)                                         | ≤ 25.0 ppb    | 3.6 ppb     |
| Trace Impurities – Chromium (Cr)                                        | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Cobalt (Co)                                          | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Copper (Cu)                                          | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Gallium (Ga)                                         | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Germanium (Ge)                                       | ≤ 10.0 ppb    | < 10.0 ppb  |
| Trace Impurities – Gold (Au)                                            | ≤ 20 ppb      | < 5 ppb     |
| Trace Impurities – Iron (Fe)                                            | ≤ 20.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Lead (Pb)                                            | ≤ 10.0 ppb    | < 10.0 ppb  |
| Trace Impurities – Lithium (Li)                                         | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Magnesium (Mg)                                       | ≤ 20 ppb      | < 1 ppb     |
| Trace Impurities – Manganese (Mn)                                       | ≤ 10.0 ppb    | < 1.0 ppb   |

Recd by RP on 9/25/24

E 3804

>>> Continued on page 2 >>>

Acetone  
CMOS

 **avantor™**



Material No.: 9005-05  
Batch No.: 24E0761004

| Test                                              | Specification | Result     |
|---------------------------------------------------|---------------|------------|
| Trace Impurities – Molybdenum (Mo)                | ≤ 10.0 ppb    | < 5.0 ppb  |
| Trace Impurities – Nickel (Ni)                    | ≤ 10.0 ppb    | < 5.0 ppb  |
| Trace Impurities – Niobium (Nb)                   | ≤ 50.0 ppb    | < 1.0 ppb  |
| Trace Impurities – Potassium (K)                  | ≤ 10.0 ppb    | < 10.0 ppb |
| Trace Impurities – Silicon (Si)                   | ≤ 50 ppb      | < 10 ppb   |
| Trace Impurities – Silver (Ag)                    | ≤ 10.0 ppb    | < 1.0 ppb  |
| Trace Impurities – Sodium (Na)                    | ≤ 10.0 ppb    | < 1.0 ppb  |
| Trace Impurities – Strontium (Sr)                 | ≤ 10.0 ppb    | < 1.0 ppb  |
| Trace Impurities – Tantalum (Ta)                  | ≤ 50.0 ppb    | < 5.0 ppb  |
| Trace Impurities – Thallium (Tl)                  | ≤ 10.0 ppb    | < 5.0 ppb  |
| Trace Impurities – Tin (Sn)                       | ≤ 20.0 ppb    | < 10.0 ppb |
| Trace Impurities – Titanium (Ti)                  | ≤ 10.0 ppb    | < 1.0 ppb  |
| Trace Impurities – Vanadium (V)                   | ≤ 10.0 ppb    | < 1.0 ppb  |
| Trace Impurities – Zinc (Zn)                      | ≤ 20.0 ppb    | 7.9 ppb    |
| Trace Impurities – Zirconium (Zr)                 | ≤ 10.0 ppb    | < 1.0 ppb  |
| Particle Count – 0.5 µm and greater (Rion KS42AF) | ≤ 100 par/ml  | 8 par/ml   |
| Particle Count – 1.0 µm and greater (Rion KS42AF) | ≤ 8 par/ml    | 2 par/ml   |

>>> Continued on page 3 >>>

Acetone  
CMOS

 **avantor™**



Material No.: 9005-05  
Batch No.: 24E0761004

| Test | Specification | Result |
|------|---------------|--------|
|------|---------------|--------|

For Microelectronic Use

Country of Origin: USA  
Packaging Site: Paris Mfg Ctr & DC



Michelle Bales  
Sr. Manager, Quality Assurance



**PRODUCTOS  
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# 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

Acetone

BAKER RESI-ANALYZED® Reagent

For Organic Residue Analysis

Avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

## Certificate of Analysis

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

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E3944

Jamie Croak

Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC



|                      |                                |
|----------------------|--------------------------------|
| 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 7/30/25*

E3962

Jamie Croak  
Director Quality Operations, Bioscience Production

Acetone.  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

Avantor™



Material No.: 9254-03  
Batch No.: 24H2762008  
Manufactured Date: 2024-04-18  
Expiration Date: 2027-04-18  
Revision No.: 0

## Certificate of Analysis

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

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

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

*Received on 8/6/25*

E 3963

*J. Croak*

Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials, LLC

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

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



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

## Certificate of Analysis

| Test                                                                           | Specification  | Result      |
|--------------------------------------------------------------------------------|----------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)           | $\leq 5$       | 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

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

E3972

Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC

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



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

## Certificate of Analysis

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

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

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

REC. on 10/10/25  
RJ

E3980

Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials, LLC

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

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

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

Received on 10/22/25

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

E3981

Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC

Sulfuric Acid  
BAKER INSTRA-ANALYZED® Reagent  
For Trace Metal Analysis  
Low Selenium

avantor™



MG157  
MS

Material No.: 9673-33

Batch No.: 24I1262013

Manufactured Date: 2024-08-07

Retest Date: 2029-08-06

Revision No.: 0

## Certificate of Analysis

| Test                                                        | Specification | Result      |
|-------------------------------------------------------------|---------------|-------------|
| ACS – Assay (H <sub>2</sub> SO <sub>4</sub> )               | 95.0 – 98.0 % | 96.2 %      |
| Appearance                                                  | Passes Test   | Passes Test |
| ACS – Color (APHA)                                          | <= 10         | 5           |
| ACS – Residue after Ignition                                | <= 3 ppm      | <1 ppm      |
| ACS – Substances Reducing Permanganate(as SO <sub>2</sub> ) | <= 2 ppm      | <2 ppm      |
| Ammonium (NH <sub>4</sub> )                                 | <= 1 ppm      | <1 ppm      |
| Chloride (Cl)                                               | <= 0.1 ppm    | <0.1 ppm    |
| Nitrate (NO <sub>3</sub> )                                  | <= 0.2 ppm    | 0.1 ppm     |
| Phosphate (PO <sub>4</sub> )                                | <= 0.5 ppm    | <0.1 ppm    |
| Trace Impurities – Aluminum (Al)                            | <= 30.0 ppb   | <5.0 ppb    |
| Arsenic & Antimony (as As)                                  | <= 4.0 ppb    | <2.0 ppb    |
| Trace Impurities – Boron (B)                                | <= 10.0 ppb   | <5.0 ppb    |
| Trace Impurities – Cadmium (Cd)                             | <= 2.0 ppb    | <1.0 ppb    |
| Trace Impurities – Chromium (Cr)                            | <= 6.0 ppb    | <1.0 ppb    |
| Trace Impurities – Cobalt (Co)                              | <= 0.5 ppb    | <0.3 ppb    |
| Trace Impurities – Copper (Cu)                              | <= 1.0 ppb    | <1.0 ppb    |
| Trace Impurities – Gold (Au)                                | <= 10.0 ppb   | <5.0 ppb    |
| Heavy Metals (as Pb)                                        | <= 500.0 ppb  | <100.0 ppb  |
| Trace Impurities – Iron (Fe)                                | <= 50.0 ppb   | <1.0 ppb    |
| Trace Impurities – Lead (Pb)                                | <= 0.5 ppb    | <0.5 ppb    |
| Trace Impurities – Magnesium (Mg)                           | <= 7.0 ppb    | <1.0 ppb    |
| Trace Impurities – Manganese (Mn)                           | <= 1.0 ppb    | <1.0 ppb    |
| Trace Impurities – Mercury (Hg)                             | <= 0.5 ppb    | <0.1 ppb    |
| Trace Impurities – Nickel (Ni)                              | <= 2.0 ppb    | <0.3 ppb    |
| Trace Impurities – Potassium (K)                            | <= 500.0 ppb  | <10.0 ppb   |
| Trace Impurities – Selenium (Se)                            | <= 50.0 ppb   | 7.2 ppb     |
| Trace Impurities – Silicon (Si)                             | <= 100.0 ppb  | 12.8 ppb    |
| Trace Impurities – Silver (Ag)                              | <= 1.0 ppb    | <1.0 ppb    |

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

Avantor Performance Materials LLC

Sulfuric Acid

BAKER INSTRA-ANALYZED® Reagent

For Trace Metal Analysis

Low Selenium

 **avantors**™



Material No.: 9673-33

Batch No.: 2411262013

| Test                              | Specification    | Result      |
|-----------------------------------|------------------|-------------|
| Trace Impurities – Sodium (Na)    | $\leq 500.0$ ppb | $< 5.0$ ppb |
| Trace Impurities – Strontium (Sr) | $\leq 5.0$ ppb   | $< 1.0$ ppb |
| Trace Impurities – Tin (Sn)       | $\leq 5.0$ ppb   | 1.1 ppb     |
| Trace Impurities – Zinc (Zn)      | $\leq 5.0$ ppb   | $< 1.0$ ppb |

For Laboratory, Research, or Manufacturing Use

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak

Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC





# Certificate of Analysis

P11518  
↓  
P11522  
AJ  
02/21/22

**Product Name:** Aroclor 1268 Standard

**Product Number:** PP-382-1

**Lot Issue Date:** 09-Feb-2021

**Lot Number:** 0006587800

**Expiration Date:** 31-Mar-2029

**Description:**

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

| Analyte      | CAS#        | Analyte Lot | Concentration ± Uncertainty |
|--------------|-------------|-------------|-----------------------------|
| Aroclor 1268 | 011100-14-4 | RM00937     | 100.0 ± 0.5 µg/mL           |

**Matrix:** isooctane (2,2,4-trimethylpentane)

**Storage Conditions:** Store at Room Temperature (15° to 30°C).

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Intended Use:**

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Hazards:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this RM.

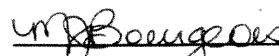
**Expiration of Certification:**

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

  
Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026  
Page: 1 of 1

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



**CERTIFIED REFERENCE MATERIAL**

110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: (800)356-1688  
Fax: (814)353-1309

www.restek.com

# Certificate of Analysis



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

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

**Catalog No. :** 32011 **Lot No.:** A0175403

**Description :** Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** November 30, 2027 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound                                                         | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2)                                                       |
|---------------|------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------|
| 1             | Aroclor 1254<br>CAS # 11097-69-1 (Lot 124-191-B)<br>Purity ----% | 1,000.7 µg/mL               | +/- 5.9437 µg/mL Gravimetric<br>+/- 31.7284 µg/mL Unstressed<br>+/- 41.4406 µg/mL Stressed |

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

P11588  
↓  
P11592 / (S)

AR  
04/30/2022

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

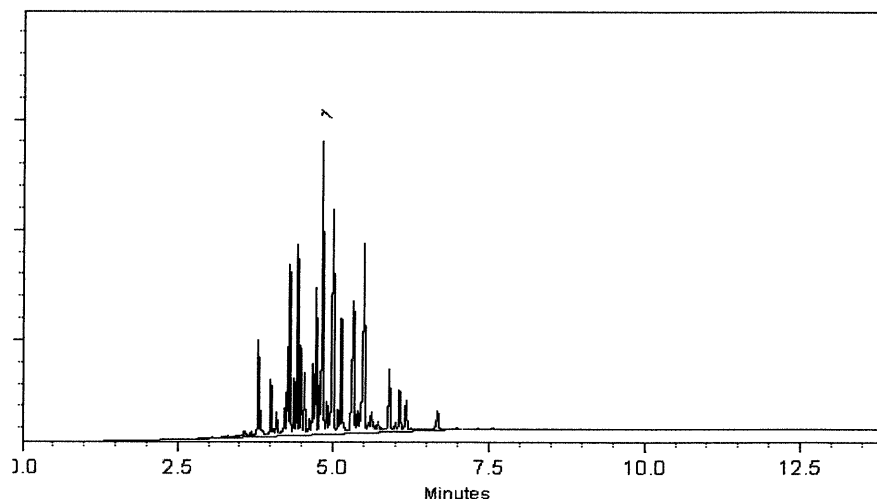
250°C

**Det. Temp:**

300°C

**Det. Type:**

ECD



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

*Cathleen Soltis*

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021

Balance: 1128360905

*Alexis Shelow*

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

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

P11588  
↓  
P11592 / (5)

AR  
04/30/22



## CERTIFIED WEIGHT REPORT

Part Number: **91867**  
 Lot Number: **020823**  
 Description: **WP 037 - Aroclor 1232**  
**PCB Technical Mixture**  
 Expiration Date: **020833**  
 Recommended Storage: **Ambient (20 °C)**  
 Nominal Concentration ( $\mu\text{g/mL}$ ): **100**  
 NIST Test ID#: **6UTB**

Solvent(  
Aceton

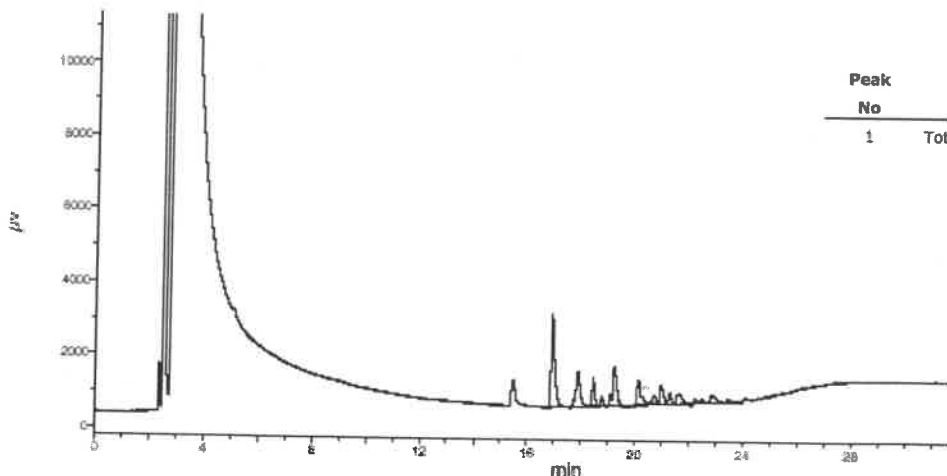
Weight(s) shown below were combined and diluted to (mL): **100.0**  
 5E-05 Balance Uncertainty  
 0.057 Flask Uncertainty

| Compound        | RM# | Lot Number | Nominal Conc ( $\mu\text{g/mL}$ ) | Purity (%) | Uncertainty Purity | Target Weight (g) |
|-----------------|-----|------------|-----------------------------------|------------|--------------------|-------------------|
| 1. Aroclor 1232 | 17  | 45-6A      | 100                               | 100        | 0.5                | 0.01000           |

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

## Comments

GC3-M1 Analysis by Melissa Stonier  
 Column ID SPB-608 30 meter X 0.53mm X 5 $\mu\text{m}$  film thickness  
 Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min  
 Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min  
 Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)  
 Rate = 8°C/min, Total run time = 35 min  
 Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1  
 Standard injection = 1.5 $\mu\text{L}$ , Range=3





CERTIFIED WEIGHT REPORT

Part Number: X9166  
Lot Number: 060523  
Description: Aroclor 1262

Solvent(s):  
Methanol

Appendix IX Compound

Expiration Date: 060533

Recommended Storage: Ambient (20 °C)

Nominal Concentration (µg/mL): 100

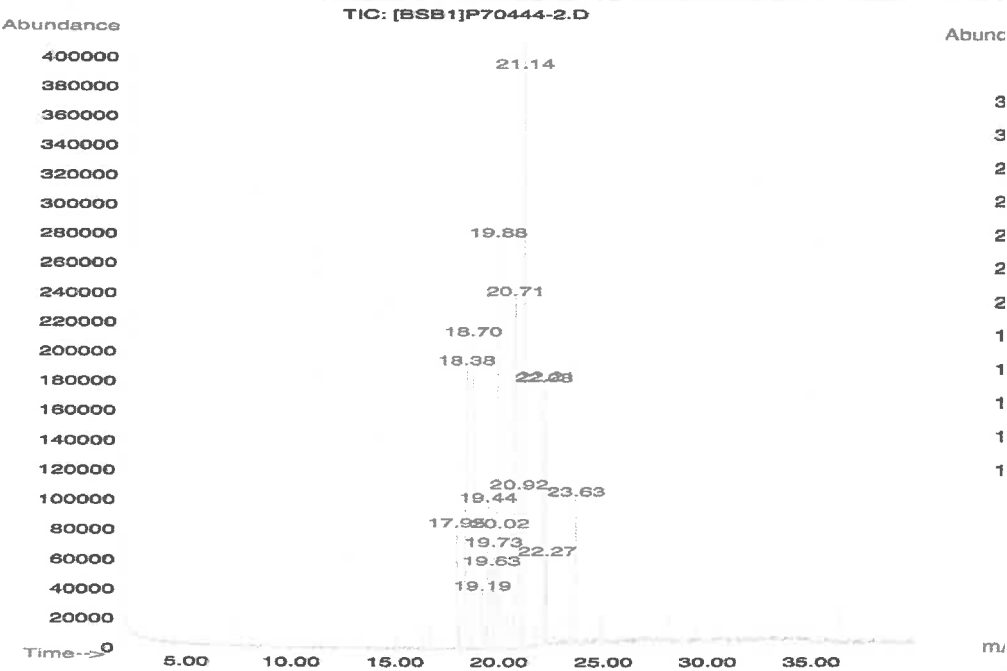
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty

Volume(s) shown below were combined and diluted to (mL): 20.0 0.002 Flask Uncertainty

| Compound        | Part Number | Lot Number | Dil. Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Co |
|-----------------|-------------|------------|-------------|-------------------|--------------------------|----|
| 1. Aroclor 1262 | 70444       | 080322     | 0.10        | 2.00              | 0.017                    |    |

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickn min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.



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



Certified Reference Material CRM

CERTIFIED WEIGHT REPORT

Part Number:  
20064

Solvent(s):  
Hexane

Lot#  
273615

Lot Number:  
022023

Formulated By:  
Benson Chan

DATE  
022023

Description:  
CLP PCB'S - Aroclor Mix  
Aroclors 1016 & 1260

Reviewed By:  
Pedro L. Rentas

DATE  
022023

Expiration Date:  
Ambient (20 °C)

Expanded  
Uncertainty

(+/-) (µg/mL)

Recommended Storage:  
Nominal Concentration (µg/mL):  
200.0

Actual  
Conc (µg/mL)

OSHA PEL (TWA)  
LD50

NIST Test ID#:  
6UTB

Weight(s) shown below were combined and diluted to (mL):  
200.0

Actual  
Weight(g)

5E-05 Balance Uncertainty  
0.010 Flask Uncertainty

Target  
Weight(g)

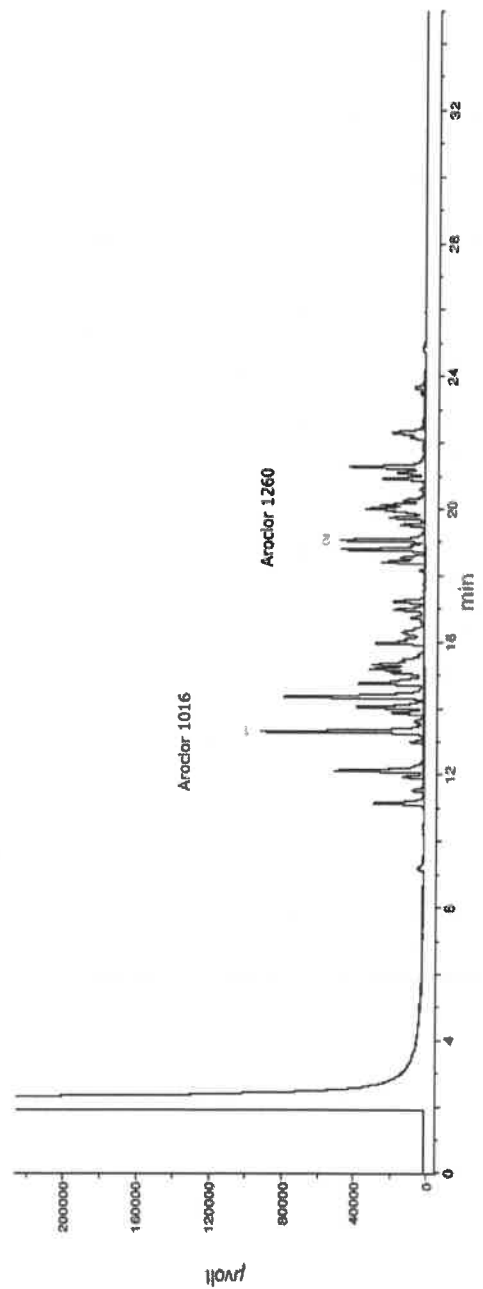
SDS Information  
(Solvent Safety Info. On Attached pg.)

PR2946 718  
↓  
12/20/23  
P1295

| Compound        | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Purity Uncertainty | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | CAS#       | OSHA PEL (TWA) | LD50              |
|-----------------|-----|------------|----------------------|------------|--------------------|------------------|------------------|---------------------|------------------------------------|------------|----------------|-------------------|
| 1. Aroclor 1016 | 15  | 020491JC   | 1000                 | 100        | 0.2                | 0.20004          | 0.20060          | 1002.8              | 4.0                                | 12674-11-2 | N/A            | N/A               |
| 2. Aroclor 1260 | 21  | 020491JC   | 1000                 | 100        | 0.2                | 0.20004          | 0.20081          | 1003.9              | 4.0                                | 11086-82-5 | 0.5mg/m3       | orl-rat 1315mg/kg |

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

Comments  
GC3-M1 Analysis by Melissa Stortier  
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness  
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min  
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min  
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 280°C (Time 2 = 13.5 min)  
Rate = 8°C/min, Total run time = 35 min  
Injector temp. = 200°C, FID Temp. = 300°C, FID Signal = Etdaq Channel 1  
Standard Injection = 1.5µL, Range=3







Certified Reference Material CRM

CERTIFIED WEIGHT REPORT

Part Number:  
20064

Solvent(s):  
Hexane

Lot#  
273615

Lot Number:  
022023

Formulated By:  
Benson Chan

DATE  
022023

Description:  
CLP PCB'S - Aroclor Mix  
Aroclors 1016 & 1260

Reviewed By:  
Pedro L. Rentas

DATE  
022023

Expiration Date:  
Ambient (20 °C)

Expanded  
Uncertainty

(+/-) (µg/mL)

Recommended Storage:  
Nominal Concentration (µg/mL):  
200.0

Actual  
Conc (µg/mL)

OSHA PEL (TWA)  
LD50

NIST Test ID#:  
6UTB

Weight(s) shown below were combined and diluted to (mL):  
200.0

Actual  
Weight(g)

5E-05 Balance Uncertainty  
0.010 Flask Uncertainty

Target  
Weight(g)

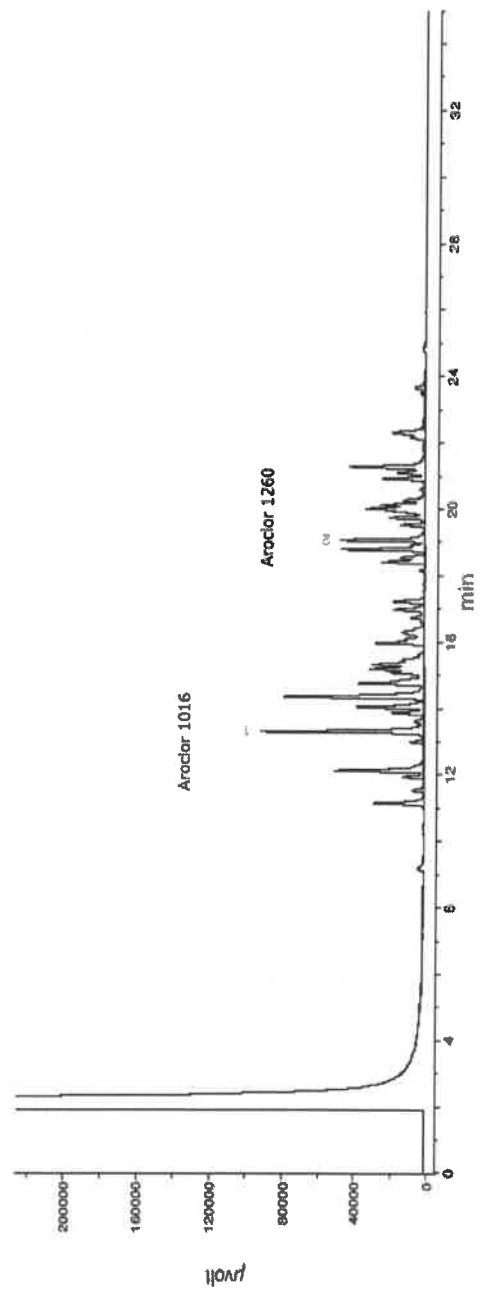
SDS Information  
(Solvent Safety Info. On Attached pg.)

PR2946 718  
↓  
12/20/23  
P1295

| Compound        | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Purity Uncertainty | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | CAS#       | OSHA PEL (TWA) | LD50              |
|-----------------|-----|------------|----------------------|------------|--------------------|------------------|------------------|---------------------|------------------------------------|------------|----------------|-------------------|
| 1. Aroclor 1016 | 15  | 020491JC   | 1000                 | 100        | 0.2                | 0.20004          | 0.20060          | 1002.8              | 4.0                                | 12674-11-2 | N/A            | N/A               |
| 2. Aroclor 1260 | 21  | 020491JC   | 1000                 | 100        | 0.2                | 0.20004          | 0.20081          | 1003.9              | 4.0                                | 11086-82-5 | 0.5mg/m3       | orl-rat 1315mg/kg |

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

Comments  
GC3-M1 Analysis by Melissa Stortier  
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness  
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min  
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min  
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 280°C (Time 2 = 13.5 min)  
Rate = 8°C/min, Total run time = 35 min  
Injector temp. = 200°C, FID Temp. = 300°C, FID Signal = Etdaq Channel 1  
Standard Injection = 1.5µL, Range=3













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Fax: 1-814-353-1309

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



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

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

**Catalog No. :** 32000 **Lot No.:** A0206810

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

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

**Expiration Date :** April 30, 2030 **Storage:** 10°C or colder

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

P13348  
↓  
P13357  
10  
DAUF  
04/25/2024

### CERTIFIED VALUES

| Elution Order | Compound                     | CAS #     | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------------|-----------|----------|--------|-----------------------------|----------------------------------------|
| 1             | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8  | RP220407 | 99%    | 200.3 µg/mL                 | +/- 11.1143                            |
| 2             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30638    | 99%    | 200.6 µg/mL                 | +/- 11.1298                            |

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

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

### Tech Tips:

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

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

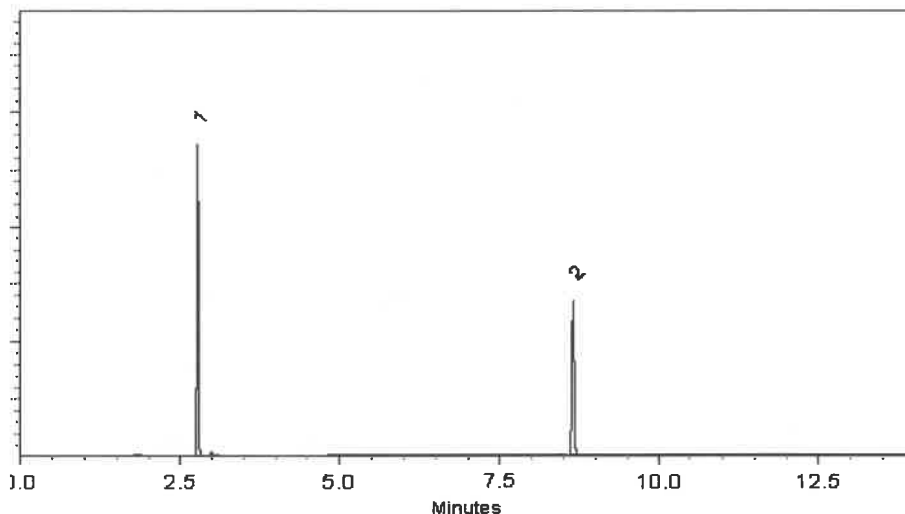
ECD

**Split Vent:**

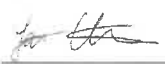
10 ml/min.

**Inj. Vol**

1µl

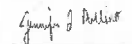


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

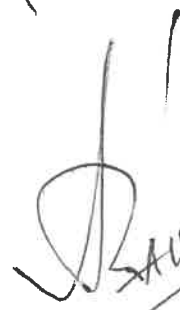
Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

P 13348  
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P 13357  
10

  
SAUF  
04/25/2025



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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. :** 32007 **Lot No.:** A0207511

**Description :** Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** May 31, 2030 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1221 | 11104-28-2 | 13192500 | ----%  | 1,002.7 µg/mL               | +/- 55.6424                            |

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

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

P 13374  
↓  
P 13375  
/

*[Signature]*  
05/6/2024



## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

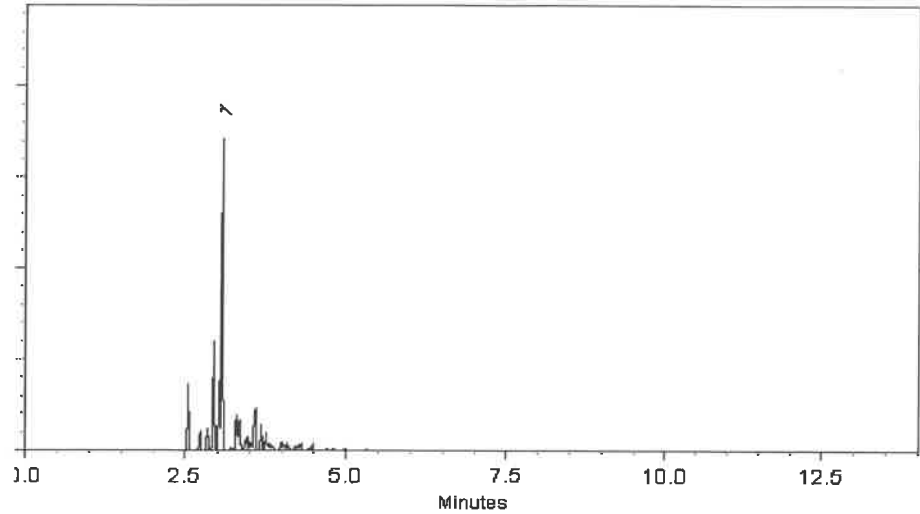
ECD

**Split Vent:**

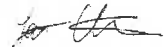
10 ml/min.

**Inj. Vol**

1µl



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

  
Laith Clemente - Operations Technician I

Date Mixed: 06-Feb-2024

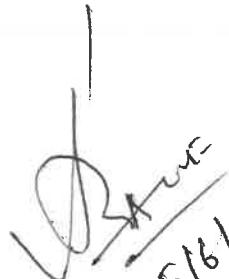
Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Feb-2024

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

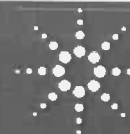
P13374 } ②  
↓  
P13375 }

  
05/6/2024





ISO 17034



Agilent

Trusted Answers

## Reference Material Certificate

Product Name: Aroclor 1242 Standard

Lot Number: 0006665550

Product Number: PP-312-1

Lot Issue Date: 08-Feb-2022

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 31-Jan-2027

| Component Name | CERTIFIED VALUES |                      | CAS#        | Analyte Lot |
|----------------|------------------|----------------------|-------------|-------------|
|                | Concentration    | Expanded Uncertainty |             |             |
| Aroclor 1242   | 100.4            | ± 0.5 µg/mL          | 053469-21-9 | NT01020     |

Matrix: isooctane (2,2,4-trimethylpentane)

**Description:**

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this analytical reference material.

**Intended Use:**

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589  
↓  
P13590AJ  
10/14/24

ISO 17034



**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015  
Quality Management System. Cert# 951215321

Page: 2 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)

CSD-QA-015.1



ISO 17025  
Cert No. AT-

**Reference Material Certificate**  
**Product Information Sheet**

**Product Name:** Aroclor 1248 Standard

**Lot Number:** 0006726317

**Product Number:** PP-342-1

**Lot Issue Date:** 27-Jan-2023

**Storage Conditions:** Store at Room Temperature (15° to 30°C).

**Expiration Date:** 28-Feb-2031

| Component Name | Concentration | Uncertainty | CAS#        | Analyte Lot |
|----------------|---------------|-------------|-------------|-------------|
| Aroclor 1248   | 100.3 ±       | 0.5 µg/mL   | 012672-29-6 | NT01582     |

**Matrix:** isooctane (2,2,4-trimethylpentane)

**Description:**

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this analytical reference material.

**Intended Use:**

This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**

The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591  
↓  
P13592

AS  
10/14/2024



**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

---

**Sample lot approver:**

Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO  
9001:2015 Quality Management System. Cert# 951215321

Page: 2 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)

CSD-QA-015.1

ISO 17025



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Bellefonte, PA 16823-8812  
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Fax: 1-814-353-1309

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



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

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

**Catalog No. :** 32010 **Lot No.:** A0214733

**Description :** Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** November 30, 2030 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

P13695 } Y.P.  
P13696 } 10/17/24

### CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1248 | 12672-29-6 | 15242800 | ----%  | 1,005.0 µg/mL               | +/- 55.7700                            |

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

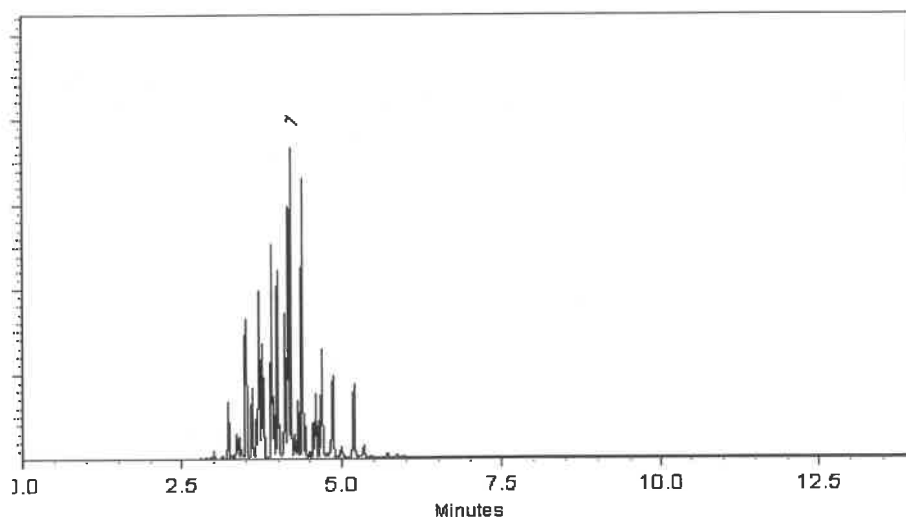
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

0.2µl



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

Rebecca Gingerich - Operations Tech II

Date Mixed: 02-Aug-2024

Balance Serial # C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Aug-2024

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

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

$k$  is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.







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

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



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

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

**Catalog No. :** 32039 **Lot No.:** A0210629

**Description :** Aroclor® 1016/1260 Mix  
Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** July 31, 2030 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

P13697  
↓  
P13701 } Y.P.  
10/19/24

### CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #   | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|---------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1016 | 12674-11-2 | 07      | ----%  | 1,005.3 µg/mL               | +/- 55.7809                            |
| 2             | Aroclor 1260 | 11096-82-5 | 1320657 | ----%  | 1,000.0 µg/mL               | +/- 55.4850                            |

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

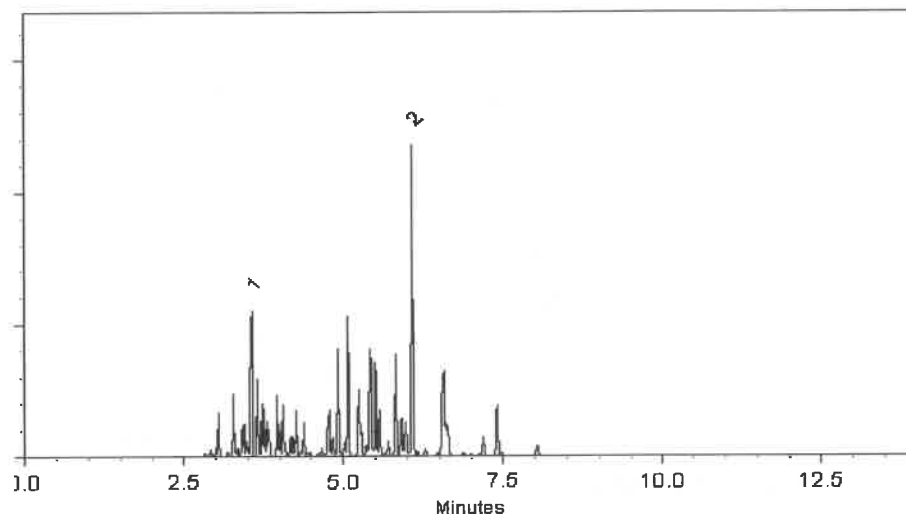
ECD

**Split Vent:**

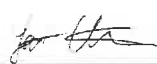
10 ml/min.

**Inj. Vol**

0.2µl

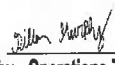


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

**Date Mixed:** 22-Apr-2024

**Balance Serial #** B442140311

  
Dillan Murphy - Operations Technician I

**Date Passed:** 24-Apr-2024

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

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

$k$  is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.





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# Certificate of Analysis

*chromatographic plus*



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

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

**Catalog No. :** 32009 **Lot No.:** A0210232

**Description :** Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** July 31, 2030 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

P13706 } y.p.  
P13707 } 10/17/24

### CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|-------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1242 | 53469-21-9 | 01141 | ----%  | 1,000.7 µg/mL               | +/- 55.5295                            |

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

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

# Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

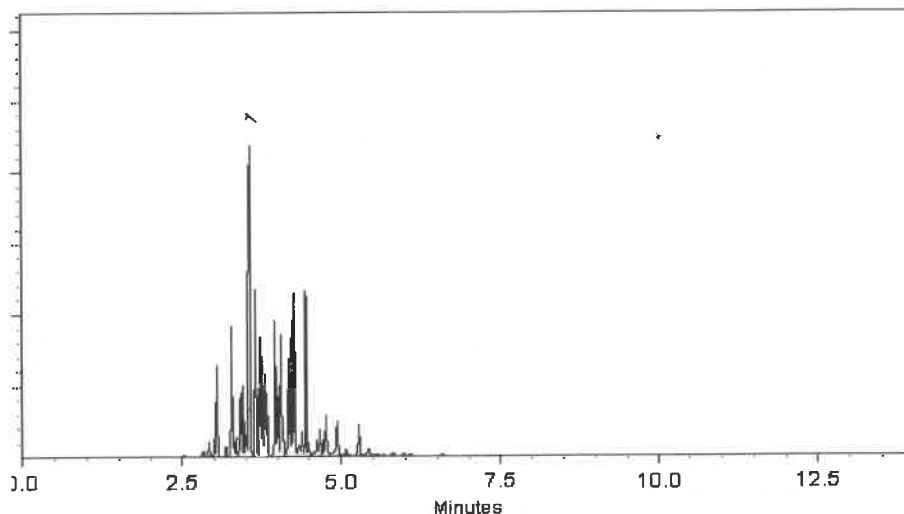
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

0.2µl



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

  
Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024

Balance Serial # B442140311

  
Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 17-Apr-2024

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

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

$k$  is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.







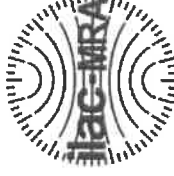
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CERTIFIED REFERENCE MATERIAL

## 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  
AJ  
11/19/24  
P19789

### CERTIFIED VALUES

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

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

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

### Tech Tips:

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

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

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

## Quality Confirmation Test

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

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

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

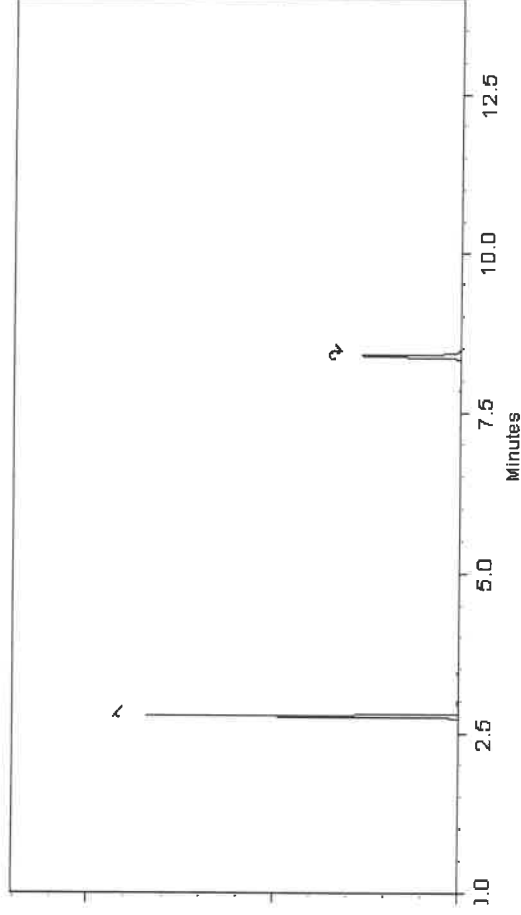
**Inj. Temp:**  
250°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD

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

**Inj. Vol**  
1µl



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

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

**Date Mixed:** 29-Jul-2024      **Balance Serial #** B345965662

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

**Date Passed:** 01-Aug-2024

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



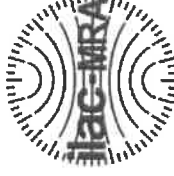
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### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

**Description :** Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

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

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

P19785  
AJ  
11/19/24  
P19789

### CERTIFIED VALUES

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

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

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

### Tech Tips:

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

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

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

## Quality Confirmation Test

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

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

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

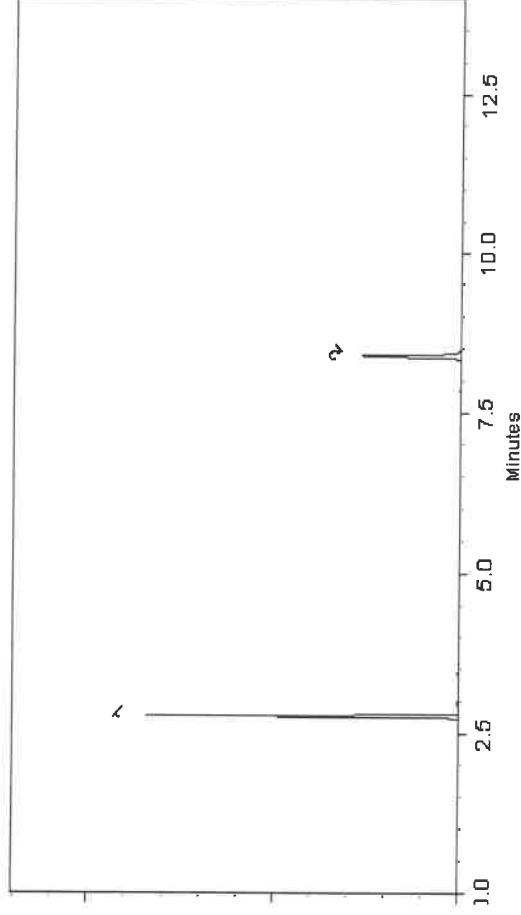
**Inj. Temp:**  
250°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD

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

**Inj. Vol**  
1µl



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

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

**Date Mixed:** 29-Jul-2024      **Balance Serial #** B345965662

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

**Date Passed:** 01-Aug-2024

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



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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. :** 32011 **Lot No.:** A0217391

**Description :** Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** January 31, 2031 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #     | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|-----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1254 | 11097-69-1 | 124-191-B | ----%  | 1,004.7 µg/mL               | +/- 55.7515                            |

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

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

P13830  
↓  
P13832  
↓  
P13834  
AJ  
12/09/24

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

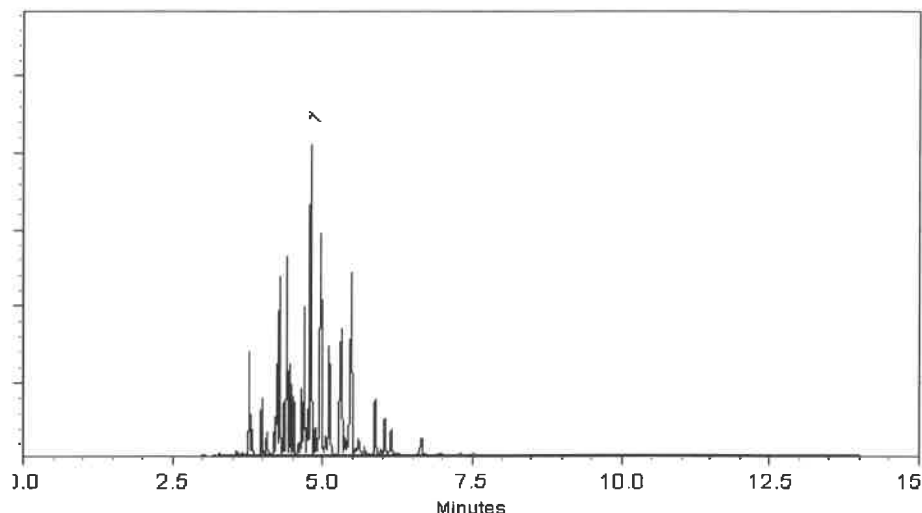
ECD

**Split Vent:**

300 ml/min.

**Inj. Vol**

1µl



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

*Michael Maye*  
Michael Maye - Operations Tech I

Date Mixed: 02-Oct-2024

Balance Serial # C322230531

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

Date Passed: 07-Oct-2024

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



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**CERTIFIED REFERENCE MATERIAL**

# Certificate of Analysis

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

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

**Catalog No. :** 32008 **Lot No.:** A0219655

**Description :** Aroclor® 1232 Standard

**Container Size :** 2 mL

**Expiration Date :** March 31, 2031

**Handling:** This product contains PCBs.

**Aroclor® 1232 Standard** 1,000 µg/mL, Hexane, 1mL/ampul

**Pkg Amt:** > 1 mL

**Storage:** 25°C nominal

**Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1232 | 11141-16-5 | 15665-01 | ---%   | 1,007.0 µg/mL               | +/- 55.8810                            |

**Solvent:** Hexane

**CAS #** 110-54-3

**Purity** 99%

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

P13878  
↓  
P13880

AJ  
01/28/25



## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

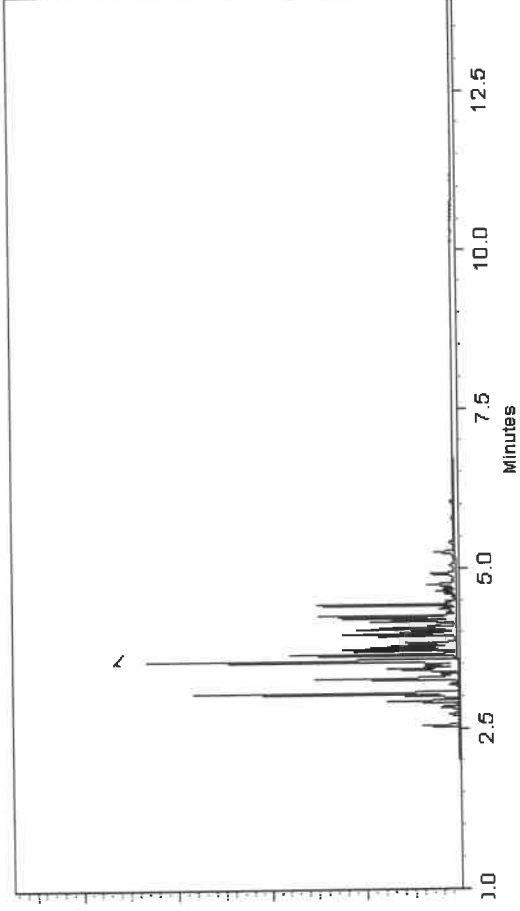
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

1µl



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

*Michael Maye*  
**Michael Maye - Operations Tech I**

**Date Mixed:** 02-Dec-2024

**Balance Serial #**

C322230531

*Brittany Federhik*

**Brittany Federhiko - Operations Tech I**

**Date Passed:** 05-Dec-2024

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



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## 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. :** 32409 **Lot No.:** A0217041

**Description :** Aroclor® 1262 Standard

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

**Expiration Date :** December 31, 2030 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

### CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1262 | 37324-23-5 | 10849100 | ----%  | 1,000.0 µg/mL               | +/- 55.4925                            |

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

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

P13881

AJ  
01128125

~~RT 12.880~~

# Quality Confirmation Test

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

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

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

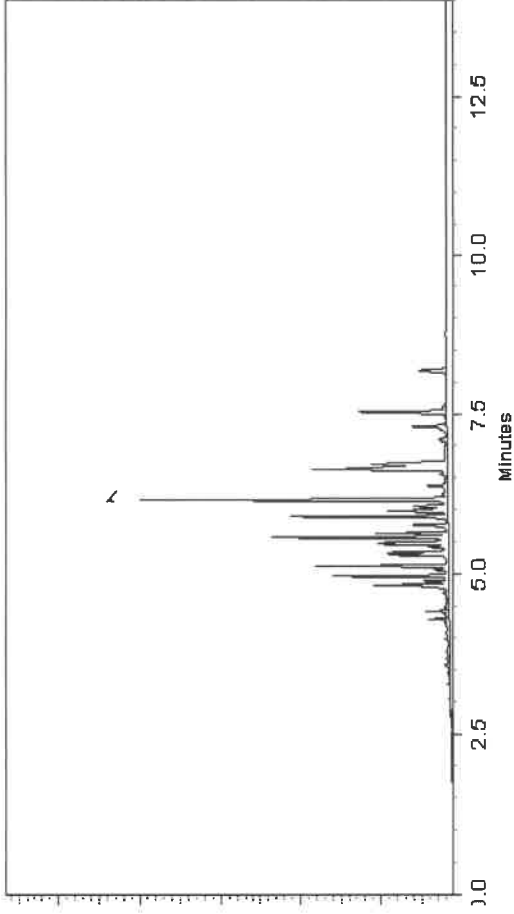
**Inj. Temp:**  
250°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD

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

**Inj. Vol**  
0.2µl



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

  
Rebecca Gingerich - Operations Tech II

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Mixed: 25-Sep-2024 Balance Serial # C322230531

Date Passed: 30-Sep-2024

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



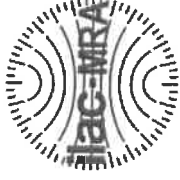
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**CERTIFIED REFERENCE MATERIAL**

## 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. :** 32410

**Lot No.:** A0217264

**Description :** Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

**Container Size :** 2 mL

**Pkg Amt:** > 1 mL

**Expiration Date :** January 31, 2031

**Storage:** 25°C nominal

**Handling:**

This product contains PCBs.

**Ship:** Ambient

### CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1268 | 11100-14-4 | 12353400 | ----%  | 1,009.8 µg/mL               | +/- 56.0364                            |

**Solvent:** Hexane

**CAS #** 110-54-3

**Purity** 99%

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

P13884

+

AJ  
01/28/25

P13886

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

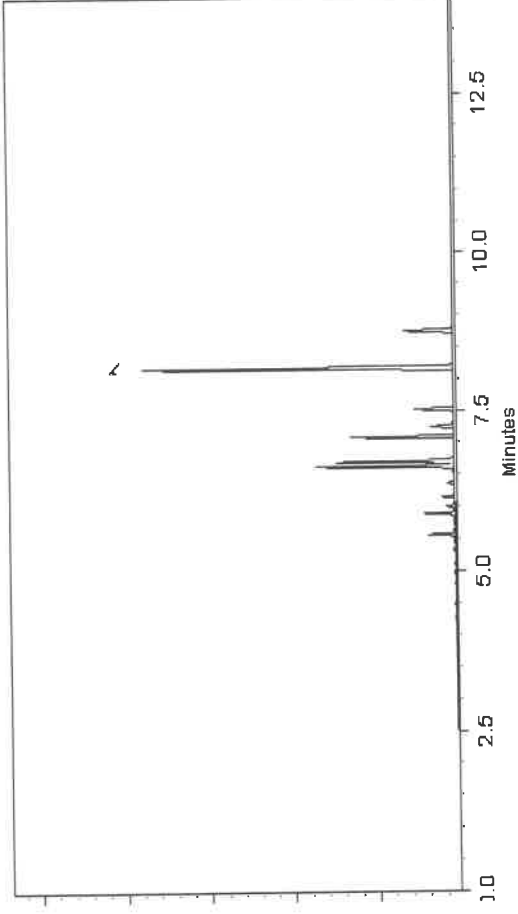
ECD

**Split Vent:**

Split ratio 500:1

**Inj. Vol**

0.2µl



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

Stacey Wanner - Operations Technician I

Balance Serial # 1128360905

Date Mixed: 01-Oct-2024

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-Oct-2024

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

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



Material No.: 9262-03  
Batch No.: 24G1962003  
Manufactured Date: 2024-05-23  
Expiration Date: 2025-08-22  
Revision No.: 0

## Certificate of Analysis

| Test                                                                            | Specification  | Result      |
|---------------------------------------------------------------------------------|----------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)            | $\leq 5$       | 3           |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)            | $\leq 10$      | 1           |
| ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL) | $\leq 5$       | 1           |
| Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)     | $\geq 99.5 \%$ | 99.7 %      |
| Assay (as n-Hexane) (by GC, corrected for water)                                | $\geq 95 \%$   | 98 %        |
| Color (APHA)                                                                    | $\leq 10$      | 5           |
| 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: USA  
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak  
Director Quality Operations, Bioscience Production

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

 **avantor**™



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

W3234 JB  
OP4421 07/28/2025

## Certificate of Analysis

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

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC



# SHIPPING DOCUMENTS



CLIENT INFORMATION

REPORT TO BE SENT TO:  
COMPANY: Remington Vernick Engineers  
ADDRESS: 2059 Springdale Road  
CITY: Cherry Hill STATE: NT ZIP: 08003  
ATTENTION: Kyle Carson nk.com  
PHONE: 856-795-9595 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Mockane Park SI  
PROJECT NO.: 130TD25 LOCATION: Belmar, NJ  
PROJECT MANAGER: Kyle Carson  
e-mail: Kyle.Carson@nk.com  
PHONE: 609-682-3049 FAX:

CLIENT BILLING INFORMATION

BILL TO: APinvolves@nk.com PO#: 130TD25  
ADDRESS: 2059 Springdale Road  
CITY: Cherry Hill STATE: NT ZIP: 08003  
ATTENTION: Kyle Carson PHONE: 856-795-9595

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) \_\_\_\_\_ DAYS\*  
HARDCOPY (DATA PACKAGE): STAT DAYS\*  
EDD: \_\_\_\_\_ DAYS\*  
\*TO BE APPROVED BY CHEMTECH  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data ☐ Other  
EDD FORMAT: Hardsite

1. TCL PAHS  
2. TAL Metals  
3. VOCs  
4. TCL PAHS  
5. TAL Metals  
6. VOCs  
7. VOCs  
8. VOCs  
9. VOCs

PRESERVATIVES

COMMENTS

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # OF BOTTLES | PRESERVATIVES |   |   |   |   |   |   |   |   | COMMENTS                   |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---------------|---|---|---|---|---|---|---|---|----------------------------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | E             | E | A | E | B | D | F | F | F |                            |
| 1.                       | SB-1025-1                        | S                |                | X    | 10/21/25             | 10:00 | 2            | 1             | 1 |   |   |   |   |   |   |   |                            |
| 2.                       | SB-1025-2                        | S                |                | X    | 10/21/25             | 10:45 | 7            |               | 1 |   | 2 |   |   | 1 | 2 | 1 | CH <sub>4</sub> , DI water |
| 3.                       | TW-1025-1                        | GW               |                | X    | 10/21/25             | 11:15 | 8            |               |   | 2 | 4 | 1 | 1 |   |   |   | <del>DI water</del> (M)    |
| 4.                       | Trip Bank                        | GW               |                | X    | 10/24/25             | 08:00 | 4            |               |   | 4 |   |   |   |   |   |   |                            |
| 5.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |                            |
| 6.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |                            |
| 7.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |                            |
| 8.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |                            |
| 9.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |                            |
| 10.                      |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |                            |

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

|                                                   |                                     |                                  |                                                                                                                                                                           |
|---------------------------------------------------|-------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER:<br>1. <u>Arriamater</u>  | DATE/TIME:<br><u>10/21/25 11:30</u> | RECEIVED BY:<br><u>P 1707</u>    | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>3.9</u> °C |
| RELINQUISHED BY SAMPLER:<br>2. <u>[Signature]</u> | DATE/TIME:<br><u>10/21/25 11:30</u> | RECEIVED BY:<br><u>P 1029-25</u> | Comments:                                                                                                                                                                 |
| RELINQUISHED BY SAMPLER:<br>3. <u>[Signature]</u> | DATE/TIME:<br><u>10/24/25 18:50</u> | RECEIVED BY:<br><u>3.</u>        | Page <u>1</u> of <u>1</u>                                                                                                                                                 |

CLIENT: ☐ Hand Delivered ☐ Other  
Shipment Complete ☐ YES ☐ NO

### Laboratory Certification

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

## LOGIN REPORT/SAMPLE TRANSFER

|                                                |        |                                                  |                                   |
|------------------------------------------------|--------|--------------------------------------------------|-----------------------------------|
| <b>Order ID :</b> Q3495                        | REMI02 | <b>Order Date :</b> 10/30/2025 10:45:41 AM       | <b>Project Mgr :</b>              |
| <b>Client Name :</b> Remington & Vernick Engi  |        | <b>Project Name :</b> Maclearie Park             | <b>Report Type :</b> Level 1      |
| <b>Client Contact :</b> Kyle Carlson           |        | <b>Receive DateTime :</b> 10/30/2025 12:00:00 AM | <b>EDD Type :</b> EXCEL NJCLEANUP |
| <b>Invoice Name :</b> Remington & Vernick Engi |        | <b>Purchase Order :</b> <i>29</i> <i>18:52</i>   | <b>Hard Copy Date :</b>           |
| <b>Invoice Contact :</b> Kyle Carlson          |        |                                                  | <b>Date Signoff :</b>             |

| LAB ID   | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST          | TEST GROUP | METHOD   | FAX DATE     | DUE DATES |
|----------|-----------|--------|-------------|-------------|---------------|------------|----------|--------------|-----------|
| Q3495-02 | SB-1025-2 | Solid  | 10/27/2025  | 10:45       |               |            |          |              |           |
|          |           |        |             |             | VOC-TCLVOA-10 | TCL+30/TAL | 8260D    | 10 Bus. Days |           |
| Q3495-03 | TW-1025-1 | Water  | 10/27/2025  | 11:15       |               |            |          |              |           |
|          |           |        |             |             | VOC-TCLVOA-10 | TCL+30/TAL | 8260-Low | 10 Bus. Days |           |
| Q3495-04 | TB        | Water  | 10/27/2025  | 08:00       |               |            |          |              |           |
|          |           |        |             |             | VOC-TCLVOA-10 |            | 8260-Low | 10 Bus. Days |           |

Relinquished By : *OR*

Date / Time : *10/30/25 11:31*

Received By : *[Signature]*

Date / Time : *10/30/25 11:31*

Storage Area : VOA Refridgerator Room

*Ref # 6*  
*Ref # 2*  
*Ref # 4*