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Hit Summary Sheet  
SW-846

|             |           |                             |           |                      |               |   |                              |     |       |
|-------------|-----------|-----------------------------|-----------|----------------------|---------------|---|------------------------------|-----|-------|
| SDG No.:    |           | P4718                       |           |                      | Order ID:     |   | P4718                        |     |       |
| Client:     |           | Portal Partners Tri-Venture |           |                      | Project ID:   |   | Amtrak Sawtooth Bridges 2024 |     |       |
|             |           |                             |           |                      |               |   |                              |     |       |
| Sample ID   | Client ID | Matrix                      | Parameter |                      | Concentration | C | MDL                          | RDL | Units |
| Client ID : |           |                             |           |                      |               |   |                              |     |       |
|             |           |                             |           | Total Concentration: | 0.000         |   |                              |     |       |



# SAMPLE DATA

## Report of Analysis

|                    |                              |           |                    |                |           |
|--------------------|------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | Portal Partners Tri-Venture  |           | Date Collected:    | 11/04/24       |           |
| Project:           | Amtrak Sawtooth Bridges 2024 |           | Date Received:     | 11/05/24       |           |
| Client Sample ID:  | WB-307-SB02                  |           | SDG No.:           | P4718          |           |
| Lab Sample ID:     | P4718-03                     |           | Matrix:            | TCLP           |           |
| Analytical Method: | SW8081                       |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 100                          | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                              | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                              |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                          | PH :      |                    |                |           |
| Prep Method :      | SW3541B                      |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL092983.D        | 1         | 11/10/24 08:44 | 11/11/24 22:47 | PB164849      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.049 | U         | 0.049               | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 0.054 | U         | 0.054               | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.090 | U         | 0.090               | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 0.043 | U         | 0.043               | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 1.50  | U         | 1.50                | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 0.82  | U         | 0.82                | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 14.6  |           | 30 (43) - 150 (140) | 73%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.6  |           | 30 (77) - 150 (126) | 103%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                              |           |                    |                |           |
|--------------------|------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | Portal Partners Tri-Venture  |           | Date Collected:    |                |           |
| Project:           | Amtrak Sawtooth Bridges 2024 |           | Date Received:     | 11/10/24       |           |
| Client Sample ID:  | PB164694TB                   |           | SDG No.:           | P4718          |           |
| Lab Sample ID:     | PB164694TB                   |           | Matrix:            | TCLP           |           |
| Analytical Method: | SW8081                       |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 100                          | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                              | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                              |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                          | PH :      |                    |                |           |
| Prep Method :      | SW3541B                      |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL092946.D        | 1         | 11/10/24 08:44 | 11/11/24 12:40 | PB164849      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.049 | U         | 0.049               | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 0.054 | U         | 0.054               | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.090 | U         | 0.090               | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 0.043 | U         | 0.043               | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 1.50  | U         | 1.50                | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 0.82  | U         | 0.82                | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.2  |           | 30 (43) - 150 (140) | 106%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.6  |           | 30 (77) - 150 (126) | 103%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



# QC SUMMARY

### Surrogate Summary

SDG No.: **P4718**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8081B**

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits  |           |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|---------|-----------|
|                  |                  |                      |        |       |        |     |      | Low     | High      |
| I.BLK-PL092652.D | PIBLK-PL092652.D | Decachlorobiphenyl   | 1      | 20    | 22.7   | 114 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 21.6   | 108 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 21.7   | 109 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.4   | 102 |      | 30 (77) | 150 (126) |
| I.BLK-PL092941.D | PIBLK-PL092941.D | Decachlorobiphenyl   | 1      | 20    | 20.8   | 104 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 22.3   | 112 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.8   | 99  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.6   | 108 |      | 30 (77) | 150 (126) |
| PB164849BL       | PB164849BL       | Decachlorobiphenyl   | 1      | 20    | 21.1   | 105 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 20.7   | 104 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.5   | 103 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.1   | 101 |      | 30 (77) | 150 (126) |
| PB164849BS       | PB164849BS       | Decachlorobiphenyl   | 1      | 20    | 19.3   | 96  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 19.1   | 95  |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 18.9   | 94  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.9   | 90  |      | 30 (77) | 150 (126) |
| PB164694TB       | PB164694TB       | Decachlorobiphenyl   | 1      | 20    | 21.2   | 106 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 20.6   | 103 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.8   | 104 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.1   | 101 |      | 30 (77) | 150 (126) |
| I.BLK-PL092959.D | PIBLK-PL092959.D | Decachlorobiphenyl   | 1      | 20    | 22.0   | 110 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 22.1   | 110 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 22.2   | 111 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.5   | 107 |      | 30 (77) | 150 (126) |
| I.BLK-PL092971.D | PIBLK-PL092971.D | Decachlorobiphenyl   | 1      | 20    | 21.6   | 108 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 22.7   | 114 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.6   | 103 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.6   | 108 |      | 30 (77) | 150 (126) |
| P4718-03         | WB-307-SB02      | Decachlorobiphenyl   | 1      | 20    | 14.6   | 73  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 20.6   | 103 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 12.7   | 63  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.1   | 101 |      | 30 (77) | 150 (126) |
| P4718-03MS       | WB-307-SB02MS    | Decachlorobiphenyl   | 1      | 20    | 14.1   | 71  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 24.6   | 123 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 13.1   | 66  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.3   | 96  |      | 30 (77) | 150 (126) |
| P4718-03MSD      | WB-307-SB02MSD   | Decachlorobiphenyl   | 1      | 20    | 14.4   | 72  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 24.6   | 123 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 13.2   | 66  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.3   | 97  |      | 30 (77) | 150 (126) |
| I.BLK-PL092992.D | PIBLK-PL092992.D | Decachlorobiphenyl   | 1      | 20    | 22.2   | 111 |      | 30 (43) | 150 (140) |

() = LABORATORY INHOUSE LIMIT

### Surrogate Summary

SDG No.: P4718

Client: Portal Partners Tri-Venture

Analytical Method: 8081B

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits  |           |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|---------|-----------|
|                  |                  |                      |        |       |        |     |      | Low     | High      |
| I.BLK-PL092992.D | PIBLK-PL092992.D | Tetrachloro-m-xylene | 1      | 20    | 22.8   | 114 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 21.8   | 109 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 22.2   | 111 |      | 30 (77) | 150 (126) |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4718

Client: Portal Partners Tri-Venture

Analytical Method: 8081B

DataFile : PL092984.D

| Lab Sample ID:                  | Parameter           | Spike | Sample |        | Units | Rec | Rec  |     | RPD  |         | Limits    |     |
|---------------------------------|---------------------|-------|--------|--------|-------|-----|------|-----|------|---------|-----------|-----|
|                                 |                     |       | Result | Result |       |     | Qual | RPD | Qual | Low     | High      | RPD |
| Client Sample ID:<br>P4718-03MS | WB-307-SB02MS       |       |        |        |       |     |      |     |      |         |           |     |
|                                 | gamma-BHC (Lindane) | 5     | 0      | 4.90   | ug/L  | 98  |      |     |      | 30 (60) | 150 (152) |     |
|                                 | Heptachlor          | 5     | 0      | 5.40   | ug/L  | 108 |      |     |      | 30 (56) | 150 (147) |     |
|                                 | Heptachlor epoxide  | 5     | 0      | 5.30   | ug/L  | 106 |      |     |      | 30 (77) | 150 (143) |     |
|                                 | Endrin              | 5     | 0      | 5.20   | ug/L  | 104 |      |     |      | 30 (76) | 150 (144) |     |
|                                 | Methoxychlor        | 5     | 0      | 4.80   | ug/L  | 96  |      |     |      | 30 (70) | 150 (142) |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4718

Client: Portal Partners Tri-Venture

Analytical Method: 8081B

DataFile : PL092985.D

| Lab Sample ID:           | Parameter             | Spike | Sample<br>Result | Result | Units | Rec<br>Qual | RPD<br>Qual | Low     | Limits<br>High | RPD     |
|--------------------------|-----------------------|-------|------------------|--------|-------|-------------|-------------|---------|----------------|---------|
| <b>Client Sample ID:</b> | <b>WB-307-SB02MSD</b> |       |                  |        |       |             |             |         |                |         |
| P4718-03MSD              | gamma-BHC (Lindane)   | 5     | 0                | 4.90   | ug/L  | 98          | 0           | 30 (60) | 150 (152)      | 20 (20) |
|                          | Heptachlor            | 5     | 0                | 5.50   | ug/L  | 110         | 2           | 30 (56) | 150 (147)      | 20 (20) |
|                          | Heptachlor epoxide    | 5     | 0                | 5.30   | ug/L  | 106         | 0           | 30 (77) | 150 (143)      | 20 (20) |
|                          | Endrin                | 5     | 0                | 5.40   | ug/L  | 108         | 4           | 30 (76) | 150 (144)      | 20 (20) |
|                          | Methoxychlor          | 5     | 0                | 4.80   | ug/L  | 96          | 0           | 30 (70) | 150 (142)      | 20 (20) |

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

**SW-846**

**SDG No.:** P4718

**Client:** Portal Partners Tri-Venture

**Analytical Method:** **8081B** **Datafile :** PL092945.D

| Lab Sample ID | Parameter           | Spike | Result | Units | Rec | RPD | Qual | RPD  |         | Limits    |  | RPD |
|---------------|---------------------|-------|--------|-------|-----|-----|------|------|---------|-----------|--|-----|
|               |                     |       |        |       |     |     |      | Qual | Low     | High      |  |     |
| PB164849BS    | gamma-BHC (Lindane) | 0.5   | 0.51   | ug/L  | 102 |     |      |      | 40 (82) | 140 (129) |  |     |
|               | Heptachlor          | 0.5   | 0.53   | ug/L  | 106 |     |      |      | 40 (79) | 140 (127) |  |     |
|               | Heptachlor epoxide  | 0.5   | 0.53   | ug/L  | 107 |     |      |      | 40 (81) | 140 (124) |  |     |
|               | Endrin              | 0.5   | 0.53   | ug/L  | 106 |     |      |      | 40 (81) | 140 (128) |  |     |
|               | Methoxychlor        | 0.5   | 0.50   | ug/L  | 100 |     |      |      | 40 (78) | 140 (108) |  |     |

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164849BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P4718

SAS No.: P4718 SDG NO.: P4718

Lab Sample ID: PB164849BL

Lab File ID: PL092944.D

Matrix: (soil/water) water

Extraction: (Type) \_\_\_\_\_

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/10/2024

Date Analyzed (1): 11/11/2024

Date Analyzed (2): 11/11/2024

Time Analyzed (1): 12:12

Time Analyzed (2): 12:12

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

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

GC Column (2): ZB-MR1 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 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB164849BS        | PB164849BS       | PL092945.D     | 11/11/2024         | 11/11/2024         |
| PB164694TB        | PB164694TB       | PL092946.D     | 11/11/2024         | 11/11/2024         |
| WB-307-SB02       | P4718-03         | PL092983.D     | 11/11/2024         | 11/11/2024         |
| WB-307-SB02MS     | P4718-03MS       | PL092984.D     | 11/11/2024         | 11/11/2024         |
| WB-307-SB02MSD    | P4718-03MSD      | PL092985.D     | 11/11/2024         | 11/11/2024         |

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



# QC SAMPLE DATA

## Report of Analysis

|                    |                              |           |                    |                |           |
|--------------------|------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | Portal Partners Tri-Venture  |           | Date Collected:    |                |           |
| Project:           | Amtrak Sawtooth Bridges 2024 |           | Date Received:     |                |           |
| Client Sample ID:  | PB164849BL                   |           | SDG No.:           | P4718          |           |
| Lab Sample ID:     | PB164849BL                   |           | Matrix:            | TCLP           |           |
| Analytical Method: | SW8081                       |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                         | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                              | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                              |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                          | PH :      |                    |                |           |
| Prep Method :      | 3510C                        |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL092944.D        | 1         | 11/10/24 08:44 | 11/11/24 12:12 | PB164849      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0054 | U         | 0.0054              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0090 | U         | 0.0090              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0043 | U         | 0.0043              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.15   | U         | 0.15                | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.082  | U         | 0.082               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.1   |           | 30 (43) - 150 (140) | 105%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.7   |           | 30 (77) - 150 (126) | 104%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

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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

## Report of Analysis

|                    |                              |                    |                |
|--------------------|------------------------------|--------------------|----------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 10/28/24       |
| Project:           | Amtrak Sawtooth Bridges 2024 | Date Received:     | 10/28/24       |
| Client Sample ID:  | PIBLK-PL092652.D             | SDG No.:           | P4718          |
| Lab Sample ID:     | I.BLK-PL092652.D             | Matrix:            | TCLP           |
| Analytical Method: | SW8081                       | % Solid:           | 0              |
| Sample Wt/Vol:     | 1000 Units: mL               | Decanted:          |                |
| Soil Aliquot Vol:  | uL                           | Final Vol:         | 10000 uL       |
| Extraction Type:   |                              | Test:              | TCLP Pesticide |
| GPC Factor :       | 1.0                          | Injection Volume : |                |
| Prep Method :      | 3510C                        |                    |                |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL092652.D        | 1         |           | 10/28/24      | PL102824      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0054 | U         | 0.0054              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0090 | U         | 0.0090              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0043 | U         | 0.0043              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.15   | U         | 0.15                | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.082  | U         | 0.082               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.7   |           | 30 (43) - 150 (140) | 114%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 21.6   |           | 30 (77) - 150 (126) | 108%       | SPK: 20 |

### Comments:

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                              |                    |                |
|--------------------|------------------------------|--------------------|----------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 11/11/24       |
| Project:           | Amtrak Sawtooth Bridges 2024 | Date Received:     | 11/11/24       |
| Client Sample ID:  | PIBLK-PL092941.D             | SDG No.:           | P4718          |
| Lab Sample ID:     | I.BLK-PL092941.D             | Matrix:            | TCLP           |
| Analytical Method: | SW8081                       | % Solid:           | 0              |
| Sample Wt/Vol:     | 1000                         | Units:             | mL             |
| Soil Aliquot Vol:  |                              |                    | uL             |
| Extraction Type:   |                              | Test:              | TCLP Pesticide |
| GPC Factor :       | 1.0                          | PH :               |                |
| Prep Method :      | 3510C                        | Injection Volume : |                |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL092941.D        | 1         |           | 11/11/24      | PL111124      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0054 | U         | 0.0054              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0090 | U         | 0.0090              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0043 | U         | 0.0043              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.15   | U         | 0.15                | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.082  | U         | 0.082               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 20.8   |           | 30 (43) - 150 (140) | 104%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.3   |           | 30 (77) - 150 (126) | 112%       | SPK: 20 |

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                              |           |                    |                |           |
|--------------------|------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | Portal Partners Tri-Venture  |           | Date Collected:    | 11/11/24       |           |
| Project:           | Amtrak Sawtooth Bridges 2024 |           | Date Received:     | 11/11/24       |           |
| Client Sample ID:  | PIBLK-PL092959.D             |           | SDG No.:           | P4718          |           |
| Lab Sample ID:     | I.BLK-PL092959.D             |           | Matrix:            | TCLP           |           |
| Analytical Method: | SW8081                       |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                         | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                              | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                              |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                          | PH :      |                    |                |           |
| Prep Method :      | 3510C                        |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL092959.D        | 1         |           | 11/11/24      | PL111124      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0054 | U         | 0.0054              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0090 | U         | 0.0090              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0043 | U         | 0.0043              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.15   | U         | 0.15                | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.082  | U         | 0.082               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.2   |           | 30 (43) - 150 (140) | 111%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.1   |           | 30 (77) - 150 (126) | 110%       | SPK: 20 |

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## Report of Analysis

|                    |                              |                    |                |
|--------------------|------------------------------|--------------------|----------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 11/11/24       |
| Project:           | Amtrak Sawtooth Bridges 2024 | Date Received:     | 11/11/24       |
| Client Sample ID:  | PIBLK-PL092971.D             | SDG No.:           | P4718          |
| Lab Sample ID:     | I.BLK-PL092971.D             | Matrix:            | TCLP           |
| Analytical Method: | SW8081                       | % Solid:           | 0              |
| Sample Wt/Vol:     | 1000 Units: mL               | Decanted:          |                |
| Soil Aliquot Vol:  | uL                           | Final Vol:         | 10000 uL       |
| Extraction Type:   |                              | Test:              | TCLP Pesticide |
| GPC Factor :       | 1.0                          | Injection Volume : |                |
| Prep Method :      | 3510C                        |                    |                |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL092971.D        | 1         |           | 11/11/24      | PL111124      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0054 | U         | 0.0054              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0090 | U         | 0.0090              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0043 | U         | 0.0043              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.15   | U         | 0.15                | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.082  | U         | 0.082               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.6   |           | 30 (43) - 150 (140) | 108%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.7   |           | 30 (77) - 150 (126) | 114%       | SPK: 20 |

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B = Analyte Found in Associated Method Blank

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\* = Values outside of QC limits

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## Report of Analysis

|                    |                              |                    |                |
|--------------------|------------------------------|--------------------|----------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 11/12/24       |
| Project:           | Amtrak Sawtooth Bridges 2024 | Date Received:     | 11/12/24       |
| Client Sample ID:  | PIBLK-PL092992.D             | SDG No.:           | P4718          |
| Lab Sample ID:     | I.BLK-PL092992.D             | Matrix:            | TCLP           |
| Analytical Method: | SW8081                       | % Solid:           | 0              |
| Sample Wt/Vol:     | 1000                         | Units:             | mL             |
| Soil Aliquot Vol:  |                              |                    | uL             |
| Extraction Type:   |                              | Test:              | TCLP Pesticide |
| GPC Factor :       | 1.0                          | PH :               |                |
| Prep Method :      | 3510C                        | Injection Volume : |                |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL092992.D        | 1         |           | 11/12/24      | PL111124      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0054 | U         | 0.0054              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0090 | U         | 0.0090              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0043 | U         | 0.0043              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.15   | U         | 0.15                | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.082  | U         | 0.082               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.2   |           | 30 (43) - 150 (140) | 111%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.8   |           | 30 (77) - 150 (126) | 114%       | SPK: 20 |

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## Report of Analysis

|                    |                              |           |                    |                |           |
|--------------------|------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | Portal Partners Tri-Venture  |           | Date Collected:    |                |           |
| Project:           | Amtrak Sawtooth Bridges 2024 |           | Date Received:     |                |           |
| Client Sample ID:  | PB164849BS                   |           | SDG No.:           | P4718          |           |
| Lab Sample ID:     | PB164849BS                   |           | Matrix:            | TCLP           |           |
| Analytical Method: | SW8081                       |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                         | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                              | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                              |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                          | PH :      |                    |                |           |
| Prep Method :      | 3510C                        |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL092945.D        | 1         | 11/10/24 08:44 | 11/11/24 12:26 | PB164849      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.51  |           | 0.0049              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.53  |           | 0.0054              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.53  |           | 0.0090              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.53  |           | 0.0043              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.50  |           | 0.011               | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.15  | U         | 0.15                | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.082 | U         | 0.082               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 19.3  |           | 30 (43) - 150 (140) | 96%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 19.1  |           | 30 (77) - 150 (126) | 95%        | SPK: 20 |

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## Report of Analysis

|                    |                              |                    |                |
|--------------------|------------------------------|--------------------|----------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 11/04/24       |
| Project:           | Amtrak Sawtooth Bridges 2024 | Date Received:     | 11/05/24       |
| Client Sample ID:  | WB-307-SB02MS                | SDG No.:           | P4718          |
| Lab Sample ID:     | P4718-03MS                   | Matrix:            | TCLP           |
| Analytical Method: | SW8081                       | % Solid:           | 0              |
| Sample Wt/Vol:     | 100                          | Units:             | mL             |
| Soil Aliquot Vol:  |                              |                    | uL             |
| Extraction Type:   |                              | Decanted:          |                |
| GPC Factor :       | 1.0                          | Final Vol:         | 10000          |
| PH :               |                              | Test:              | TCLP Pesticide |
| Prep Method :      | 3510C                        | Injection Volume : |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL092984.D        | 1         | 11/10/24 08:44 | 11/11/24 23:01 | PB164849      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 4.90  |           | 0.049               | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 5.40  |           | 0.054               | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 5.30  |           | 0.090               | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 5.20  |           | 0.043               | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 4.80  |           | 0.11                | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 1.50  | U         | 1.50                | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 0.82  | U         | 0.82                | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 14.1  |           | 30 (43) - 150 (140) | 71%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 24.6  |           | 30 (77) - 150 (126) | 123%       | SPK: 20 |

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## Report of Analysis

|                    |                              |                    |                |
|--------------------|------------------------------|--------------------|----------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 11/04/24       |
| Project:           | Amtrak Sawtooth Bridges 2024 | Date Received:     | 11/05/24       |
| Client Sample ID:  | WB-307-SB02MSD               | SDG No.:           | P4718          |
| Lab Sample ID:     | P4718-03MSD                  | Matrix:            | TCLP           |
| Analytical Method: | SW8081                       | % Solid:           | 0              |
| Sample Wt/Vol:     | 100                          | Units:             | mL             |
| Soil Aliquot Vol:  |                              |                    | uL             |
| Extraction Type:   |                              | Decanted:          |                |
| GPC Factor :       | 1.0                          | Final Vol:         | 10000          |
| PH :               |                              | Test:              | TCLP Pesticide |
| Prep Method :      | 3510C                        | Injection Volume : |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL092985.D        | 1         | 11/10/24 08:44 | 11/11/24 23:14 | PB164849      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 4.90  |           | 0.049               | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 5.50  |           | 0.054               | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 5.30  |           | 0.090               | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 5.40  |           | 0.043               | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 4.80  |           | 0.11                | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 1.50  | U         | 1.50                | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 0.82  | U         | 0.82                | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 14.4  |           | 30 (43) - 150 (140) | 72%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 24.6  |           | 30 (77) - 150 (126) | 123%       | SPK: 20 |

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# CALIBRATION SUMMARY

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L

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

[illegible]

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L

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

[illegible]

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** PORT06

**Lab Code:** CHEM **Case No.:** P4718 **SAS No.:** P4718 **SDG NO.:** P4718

**Instrument ID:** ECD\_L **Calibration Date(s):** 10/28/2024 10/28/2024  
**Calibration Times:** 14:43 15:36

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

| <b>LAB FILE ID:</b>               |            | <b>CF 100 =</b> <u>PL092655.D</u> |            | <b>CF 075 =</b> <u>PL092656.D</u> |            |            |       |
|-----------------------------------|------------|-----------------------------------|------------|-----------------------------------|------------|------------|-------|
| <b>CF 050 =</b> <u>PL092657.D</u> |            | <b>CF 025 =</b> <u>PL092658.D</u> |            | <b>CF 005 =</b> <u>PL092659.D</u> |            |            |       |
| COMPOUND                          | CF 100     | CF 075                            | CF 050     | CF 025                            | CF 005     | CF         | % RSD |
| Decachlorobiphenyl                | 1738840000 | 1756630000                        | 1819720000 | 1998760000                        | 2308800000 | 1924550000 | 12    |
| Endrin                            | 2111540000 | 2103000000                        | 2121260000 | 2324460000                        | 2723040000 | 2276660000 | 12    |
| gamma-BHC (Lindane)               | 3198960000 | 3133030000                        | 3104430000 | 3278360000                        | 3583040000 | 3259560000 | 6     |
| Heptachlor                        | 2817300000 | 2795570000                        | 2829220000 | 3064000000                        | 3509480000 | 3003110000 | 10    |
| Heptachlor epoxide                | 2536240000 | 2521530000                        | 2566410000 | 2821600000                        | 3361270000 | 2761410000 | 13    |
| Methoxychlor                      | 1040530000 | 1050870000                        | 1078280000 | 1189160000                        | 1341160000 | 1140000000 | 11    |
| Tetrachloro-m-xylene              | 2319350000 | 2304070000                        | 2328420000 | 2512350000                        | 2786990000 | 2450240000 | 8     |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** PORT06

**Lab Code:** CHEM **Case No.:** P4718 **SAS No.:** P4718 **SDG NO.:** P4718

**Instrument ID:** ECD\_L **Calibration Date(s):** 10/28/2024 10/28/2024  
**Calibration Times:** 14:43 15:36

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

| <b>LAB FILE ID:</b>               |            | <b>CF 100 =</b> <u>PL092655.D</u> |            | <b>CF 075 =</b> <u>PL092656.D</u> |            |            |       |
|-----------------------------------|------------|-----------------------------------|------------|-----------------------------------|------------|------------|-------|
| <b>CF 050 =</b> <u>PL092657.D</u> |            | <b>CF 025 =</b> <u>PL092658.D</u> |            | <b>CF 005 =</b> <u>PL092659.D</u> |            |            |       |
| COMPOUND                          | CF 100     | CF 075                            | CF 050     | CF 025                            | CF 005     | CF         | % RSD |
| Decachlorobiphenyl                | 2606810000 | 2575500000                        | 2605540000 | 2793460000                        | 3064890000 | 2729240000 | 8     |
| Endrin                            | 2969490000 | 2878380000                        | 2828080000 | 2876210000                        | 2912860000 | 2893010000 | 2     |
| gamma-BHC (Lindane)               | 4083950000 | 3934430000                        | 3833920000 | 3828430000                        | 3616530000 | 3859450000 | 4     |
| Heptachlor                        | 3876200000 | 3766580000                        | 3709120000 | 3779090000                        | 3738650000 | 3773930000 | 2     |
| Heptachlor epoxide                | 3405420000 | 3318630000                        | 3272090000 | 3352830000                        | 3358060000 | 3341410000 | 1     |
| Methoxychlor                      | 1400820000 | 1385450000                        | 1393920000 | 1470360000                        | 1489590000 | 1428030000 | 3     |
| Tetrachloro-m-xylene              | 2724750000 | 2661560000                        | 2643180000 | 2728430000                        | 2847900000 | 2721160000 | 3     |

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

Instrument ID: ECD\_L Date(s) Analyzed: 10/28/2024 10/28/2024

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

| COMPOUND  | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|-----------|----------------|------|------|-----------|------|-----------------------|
|           |                |      |      | FROM      | TO   |                       |
| Chlordane | 500            | 1    | 4.70 | 4.60      | 4.80 | 106996000             |
|           |                | 2    | 5.23 | 5.13      | 5.33 | 110397000             |
|           |                | 3    | 5.94 | 5.84      | 6.04 | 372388000             |
|           |                | 4    | 6.02 | 5.92      | 6.12 | 458405000             |
|           |                | 5    | 6.87 | 6.77      | 6.97 | 92161100              |
| Toxaphene | 500            | 1    | 6.24 | 6.14      | 6.34 | 23962400              |
|           |                | 2    | 6.44 | 6.34      | 6.54 | 13823600              |
|           |                | 3    | 7.06 | 6.96      | 7.16 | 79159800              |
|           |                | 4    | 7.15 | 7.05      | 7.25 | 59803700              |
|           |                | 5    | 7.93 | 7.83      | 8.03 | 45329200              |

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

Instrument ID: ECD\_L Date(s) Analyzed: 10/28/2024 10/28/2024

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

| COMPOUND  | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|-----------|----------------|------|------|-----------|------|-----------------------|
|           |                |      |      | FROM      | TO   |                       |
| Chlordane | 500            | 1    | 3.78 | 3.68      | 3.88 | 105092000             |
|           |                | 2    | 4.35 | 4.25      | 4.45 | 120641000             |
|           |                | 3    | 4.98 | 4.88      | 5.08 | 361048000             |
|           |                | 4    | 5.05 | 4.95      | 5.15 | 346821000             |
|           |                | 5    | 5.94 | 5.84      | 6.04 | 124060000             |
| Toxaphene | 500            | 1    | 5.01 | 4.91      | 5.11 | 19952700              |
|           |                | 2    | 5.33 | 5.23      | 5.43 | 19749600              |
|           |                | 3    | 6.61 | 6.51      | 6.71 | 70222500              |
|           |                | 4    | 6.73 | 6.63      | 6.83 | 98337700              |
|           |                | 5    | 7.05 | 6.95      | 7.15 | 65479700              |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 11:58 Initial Calibration Time(s): 14:43 15:36

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.06       | 9.05      | 8.95      | 9.15 | -0.01      |
| Tetrachloro-m-xylene | 3.54       | 3.54      | 3.44      | 3.64 | 0.00       |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.92       | 4.92      | 4.82      | 5.02 | 0.00       |
| Heptachlor epoxide   | 5.69       | 5.68      | 5.58      | 5.78 | -0.01      |
| Endrin               | 6.58       | 6.57      | 6.47      | 6.67 | -0.01      |
| Methoxychlor         | 7.50       | 7.50      | 7.40      | 7.60 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 11:58 Initial Calibration Time(s): 14:43 15:36

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 7.92       | 7.92      | 7.82      | 8.02 | 0.00       |
| Tetrachloro-m-xylene | 2.78       | 2.78      | 2.68      | 2.88 | 0.00       |
| gamma-BHC (Lindane)  | 3.61       | 3.61      | 3.51      | 3.71 | 0.00       |
| Heptachlor           | 3.95       | 3.95      | 3.85      | 4.05 | 0.00       |
| Heptachlor epoxide   | 4.73       | 4.73      | 4.63      | 4.83 | 0.00       |
| Endrin               | 5.64       | 5.64      | 5.54      | 5.74 | 0.00       |
| Methoxychlor         | 6.62       | 6.62      | 6.52      | 6.72 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL01 Date Analyzed: 11/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092943.D Time Analyzed: 11:58

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| Decachlorobiphenyl   | 9.061 | 8.954                | 9.154 | 46.430             | 50.000            | -7.1  |
| Endrin               | 6.579 | 6.474                | 6.674 | 43.850             | 50.000            | -12.3 |
| gamma-BHC (Lindane)  | 4.331 | 4.228                | 4.428 | 49.900             | 50.000            | -0.2  |
| Heptachlor           | 4.920 | 4.817                | 5.017 | 47.730             | 50.000            | -4.5  |
| Heptachlor epoxide   | 5.688 | 5.584                | 5.784 | 48.400             | 50.000            | -3.2  |
| Methoxychlor         | 7.504 | 7.399                | 7.599 | 44.210             | 50.000            | -11.6 |
| Tetrachloro-m-xylene | 3.542 | 3.440                | 3.640 | 49.960             | 50.000            | -0.1  |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL01 Date Analyzed: 11/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092943.D Time Analyzed: 11:58

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 7.919 | 7.816     | 8.016 | 46.770             | 50.000            | -6.5 |
| Endrin               | 5.643 | 5.541     | 5.741 | 50.950             | 50.000            | 1.9  |
| gamma-BHC (Lindane)  | 3.611 | 3.511     | 3.711 | 52.560             | 50.000            | 5.1  |
| Heptachlor           | 3.951 | 3.849     | 4.049 | 50.950             | 50.000            | 1.9  |
| Heptachlor epoxide   | 4.733 | 4.632     | 4.832 | 52.470             | 50.000            | 4.9  |
| Methoxychlor         | 6.617 | 6.515     | 6.715 | 46.930             | 50.000            | -6.1 |
| Tetrachloro-m-xylene | 2.778 | 2.678     | 2.878 | 51.750             | 50.000            | 3.5  |

**CALIBRATION VERIFICATION SUMMARY**

**Contract:** PORT06

**Lab Code:** CHEM      **Case No.:** P4718      **SAS No.:** P4718      **SDG NO.:** P4718

**Continuing Calib Date:** 11/11/2024      **Initial Calibration Date(s):** 10/28/2024      10/28/2024

**Continuing Calib Time:** 16:49      **Initial Calibration Time(s):** 14:43      15:36

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.06       | 9.05      | 8.95      | 9.15 | -0.01      |
| Tetrachloro-m-xylene | 3.54       | 3.54      | 3.44      | 3.64 | 0.00       |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.92       | 4.92      | 4.82      | 5.02 | 0.00       |
| Heptachlor epoxide   | 5.69       | 5.68      | 5.58      | 5.78 | -0.01      |
| Endrin               | 6.58       | 6.57      | 6.47      | 6.67 | -0.01      |
| Methoxychlor         | 7.51       | 7.50      | 7.40      | 7.60 | -0.01      |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 16:49 Initial Calibration Time(s): 14:43 15:36

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 7.92       | 7.92      | 7.82      | 8.02 | 0.00       |
| Tetrachloro-m-xylene | 2.78       | 2.78      | 2.68      | 2.88 | 0.00       |
| gamma-BHC (Lindane)  | 3.61       | 3.61      | 3.51      | 3.71 | 0.00       |
| Heptachlor           | 3.95       | 3.95      | 3.85      | 4.05 | 0.00       |
| Heptachlor epoxide   | 4.73       | 4.73      | 4.63      | 4.83 | 0.00       |
| Endrin               | 5.64       | 5.64      | 5.54      | 5.74 | 0.00       |
| Methoxychlor         | 6.62       | 6.62      | 6.52      | 6.72 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL02 Date Analyzed: 11/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092960.D Time Analyzed: 16:49

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 9.064 | 8.954     | 9.154 | 45.750             | 50.000            | -8.5  |
| Endrin               | 6.580 | 6.474     | 6.674 | 43.680             | 50.000            | -12.6 |
| gamma-BHC (Lindane)  | 4.332 | 4.228     | 4.428 | 49.740             | 50.000            | -0.5  |
| Heptachlor           | 4.921 | 4.817     | 5.017 | 46.230             | 50.000            | -7.5  |
| Heptachlor epoxide   | 5.689 | 5.584     | 5.784 | 48.040             | 50.000            | -3.9  |
| Methoxychlor         | 7.506 | 7.399     | 7.599 | 41.600             | 50.000            | -16.8 |
| Tetrachloro-m-xylene | 3.543 | 3.440     | 3.640 | 50.620             | 50.000            | 1.2   |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL02 Date Analyzed: 11/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092960.D Time Analyzed: 16:49

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 7.920 | 7.816     | 8.016 | 47.520             | 50.000            | -5.0 |
| Endrin               | 5.643 | 5.541     | 5.741 | 51.290             | 50.000            | 2.6  |
| gamma-BHC (Lindane)  | 3.611 | 3.511     | 3.711 | 52.740             | 50.000            | 5.5  |
| Heptachlor           | 3.950 | 3.849     | 4.049 | 49.830             | 50.000            | -0.3 |
| Heptachlor epoxide   | 4.733 | 4.632     | 4.832 | 52.930             | 50.000            | 5.9  |
| Methoxychlor         | 6.617 | 6.515     | 6.715 | 45.570             | 50.000            | -8.9 |
| Tetrachloro-m-xylene | 2.779 | 2.678     | 2.878 | 51.800             | 50.000            | 3.6  |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 20:14 Initial Calibration Time(s): 14:43 15:36

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.06       | 9.05      | 8.95      | 9.15 | -0.01      |
| Tetrachloro-m-xylene | 3.54       | 3.54      | 3.44      | 3.64 | 0.00       |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.92       | 4.92      | 4.82      | 5.02 | 0.00       |
| Heptachlor epoxide   | 5.69       | 5.68      | 5.58      | 5.78 | -0.01      |
| Endrin               | 6.58       | 6.57      | 6.47      | 6.67 | -0.01      |
| Methoxychlor         | 7.51       | 7.50      | 7.40      | 7.60 | -0.01      |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 20:14 Initial Calibration Time(s): 14:43 15:36

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 7.92       | 7.92      | 7.82      | 8.02 | 0.00       |
| Tetrachloro-m-xylene | 2.78       | 2.78      | 2.68      | 2.88 | 0.00       |
| gamma-BHC (Lindane)  | 3.61       | 3.61      | 3.51      | 3.71 | 0.00       |
| Heptachlor           | 3.95       | 3.95      | 3.85      | 4.05 | 0.00       |
| Heptachlor epoxide   | 4.73       | 4.73      | 4.63      | 4.83 | 0.00       |
| Endrin               | 5.64       | 5.64      | 5.54      | 5.74 | 0.00       |
| Methoxychlor         | 6.62       | 6.62      | 6.52      | 6.72 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL03 Date Analyzed: 11/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092973.D Time Analyzed: 20:14

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| Decachlorobiphenyl   | 9.063 | 8.954                | 9.154 | 43.000             | 50.000            | -14.0 |
| Endrin               | 6.579 | 6.474                | 6.674 | 43.010             | 50.000            | -14.0 |
| gamma-BHC (Lindane)  | 4.331 | 4.228                | 4.428 | 48.520             | 50.000            | -3.0  |
| Heptachlor           | 4.920 | 4.817                | 5.017 | 45.380             | 50.000            | -9.2  |
| Heptachlor epoxide   | 5.688 | 5.584                | 5.784 | 47.490             | 50.000            | -5.0  |
| Methoxychlor         | 7.505 | 7.399                | 7.599 | 42.350             | 50.000            | -15.3 |
| Tetrachloro-m-xylene | 3.542 | 3.440                | 3.640 | 49.410             | 50.000            | -1.2  |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL03 Date Analyzed: 11/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092973.D Time Analyzed: 20:14

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 7.920 | 7.816     | 8.016 | 44.340             | 50.000            | -11.3 |
| Endrin               | 5.644 | 5.541     | 5.741 | 48.560             | 50.000            | -2.9  |
| gamma-BHC (Lindane)  | 3.612 | 3.511     | 3.711 | 50.790             | 50.000            | 1.6   |
| Heptachlor           | 3.951 | 3.849     | 4.049 | 48.630             | 50.000            | -2.7  |
| Heptachlor epoxide   | 4.734 | 4.632     | 4.832 | 50.070             | 50.000            | 0.1   |
| Methoxychlor         | 6.618 | 6.515     | 6.715 | 43.670             | 50.000            | -12.7 |
| Tetrachloro-m-xylene | 2.779 | 2.678     | 2.878 | 50.370             | 50.000            | 0.7   |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

Continuing Calib Date: 11/12/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 01:06 Initial Calibration Time(s): 14:43 15:36

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.06       | 9.05      | 8.95      | 9.15 | -0.01      |
| Tetrachloro-m-xylene | 3.54       | 3.54      | 3.44      | 3.64 | 0.00       |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.92       | 4.92      | 4.82      | 5.02 | 0.00       |
| Heptachlor epoxide   | 5.69       | 5.68      | 5.58      | 5.78 | -0.01      |
| Endrin               | 6.58       | 6.57      | 6.47      | 6.67 | -0.01      |
| Methoxychlor         | 7.50       | 7.50      | 7.40      | 7.60 | 0.00       |

**CALIBRATION VERIFICATION SUMMARY**

**Contract:** PORT06

**Lab Code:** CHEM **Case No.:** P4718 **SAS No.:** P4718 **SDG NO.:** P4718

**Continuing Calib Date:** 11/12/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

**Continuing Calib Time:** 01:06 **Initial Calibration Time(s):** 14:43 15:36

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 7.92       | 7.92      | 7.82      | 8.02 | 0.00       |
| Tetrachloro-m-xylene | 2.78       | 2.78      | 2.68      | 2.88 | 0.00       |
| gamma-BHC (Lindane)  | 3.61       | 3.61      | 3.51      | 3.71 | 0.00       |
| Heptachlor           | 3.95       | 3.95      | 3.85      | 4.05 | 0.00       |
| Heptachlor epoxide   | 4.73       | 4.73      | 4.63      | 4.83 | 0.00       |
| Endrin               | 5.64       | 5.64      | 5.54      | 5.74 | 0.00       |
| Methoxychlor         | 6.62       | 6.62      | 6.52      | 6.72 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL04 Date Analyzed: 11/12/2024

Lab Sample No.: PSTDCCC050 Data File : PL092993.D Time Analyzed: 01:06

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| Decachlorobiphenyl   | 9.062 | 8.954                | 9.154 | 45.740             | 50.000            | -8.5  |
| Endrin               | 6.579 | 6.474                | 6.674 | 42.020             | 50.000            | -16.0 |
| gamma-BHC (Lindane)  | 4.331 | 4.228                | 4.428 | 49.360             | 50.000            | -1.3  |
| Heptachlor           | 4.919 | 4.817                | 5.017 | 45.840             | 50.000            | -8.3  |
| Heptachlor epoxide   | 5.686 | 5.584                | 5.784 | 47.100             | 50.000            | -5.8  |
| Methoxychlor         | 7.504 | 7.399                | 7.599 | 40.210             | 50.000            | -19.6 |
| Tetrachloro-m-xylene | 3.542 | 3.440                | 3.640 | 50.220             | 50.000            | 0.4   |

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4718 SAS No.: P4718 SDG NO.: P4718

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL04 Date Analyzed: 11/12/2024

Lab Sample No.: PSTDCCC050 Data File : PL092993.D Time Analyzed: 01:06

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 7.920 | 7.816     | 8.016 | 46.990             | 50.000            | -6.0  |
| Endrin               | 5.643 | 5.541     | 5.741 | 48.620             | 50.000            | -2.8  |
| gamma-BHC (Lindane)  | 3.611 | 3.511     | 3.711 | 52.480             | 50.000            | 5.0   |
| Heptachlor           | 3.950 | 3.849     | 4.049 | 49.220             | 50.000            | -1.6  |
| Heptachlor epoxide   | 4.733 | 4.632     | 4.832 | 51.790             | 50.000            | 3.6   |
| Methoxychlor         | 6.617 | 6.515     | 6.715 | 42.960             | 50.000            | -14.1 |
| Tetrachloro-m-xylene | 2.778 | 2.678     | 2.878 | 51.720             | 50.000            | 3.4   |

**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: **PORT06**

Lab Code: **CHEM** Case No.: **P4718** SAS No.: **P4718** SDG NO.: **P4718**

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **10/28/2024** **10/28/2024**

Client Sample No. (PEM): **PEM - PL092653.D** Date Analyzed: **10/28/2024**

Lab Sample No.(PEM): **PEM** Time Analyzed: **14:16**

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 9.059 | 8.960     | 9.160 | 19.970             | 20.000            | -0.2  |
| Tetrachloro-m-xylene | 3.546 | 3.500     | 3.600 | 19.290             | 20.000            | -3.6  |
| alpha-BHC            | 4.001 | 3.950     | 4.050 | 9.920              | 10.000            | -0.8  |
| beta-BHC             | 4.531 | 4.480     | 4.580 | 10.060             | 10.000            | 0.6   |
| gamma-BHC (Lindane)  | 4.334 | 4.280     | 4.380 | 9.660              | 10.000            | -3.4  |
| Endrin               | 6.580 | 6.510     | 6.650 | 41.060             | 50.000            | -17.9 |
| 4,4'-DDT             | 7.030 | 6.960     | 7.100 | 88.060             | 100.000           | -11.9 |
| Methoxychlor         | 7.505 | 7.430     | 7.580 | 204.090            | 250.000           | -18.4 |

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **10/28/2024** **10/28/2024**

Client Sample No. (PEM): **PEM - PL092653.D** Date Analyzed: **10/28/2024**

Lab Sample No.(PEM): **PEM** Time Analyzed: **14:16**

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 7.918 | 7.820     | 8.020 | 19.080             | 20.000            | -4.6  |
| Tetrachloro-m-xylene | 2.778 | 2.730     | 2.830 | 18.500             | 20.000            | -7.5  |
| alpha-BHC            | 3.281 | 3.230     | 3.330 | 8.630              | 10.000            | -13.7 |
| beta-BHC             | 3.911 | 3.860     | 3.960 | 9.760              | 10.000            | -2.4  |
| gamma-BHC (Lindane)  | 3.611 | 3.560     | 3.660 | 8.390              | 10.000            | -16.1 |
| Endrin               | 5.643 | 5.570     | 5.710 | 44.130             | 50.000            | -11.7 |
| 4,4'-DDT             | 6.042 | 5.970     | 6.110 | 98.070             | 100.000           | -1.9  |
| Methoxychlor         | 6.616 | 6.550     | 6.690 | 225.800            | 250.000           | -9.7  |

### PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **PORT06**

Lab Code: **CHEM** Case No.: **P4718** SAS No.: **P4718** SDG NO.: **P4718**

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **10/28/2024** **10/28/2024**

Client Sample No. (PEM): **PEM - PL092942.D** Date Analyzed: **11/11/2024**

Lab Sample No.(PEM): **PEM** Time Analyzed: **09:49**

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 9.061 | 8.960     | 9.160 | 20.400             | 20.000            | 2.0   |
| Tetrachloro-m-xylene | 3.542 | 3.490     | 3.590 | 22.810             | 20.000            | 14.1  |
| alpha-BHC            | 3.998 | 3.950     | 4.050 | 11.770             | 10.000            | 17.7  |
| beta-BHC             | 4.529 | 4.480     | 4.580 | 12.130             | 10.000            | 21.3  |
| gamma-BHC (Lindane)  | 4.331 | 4.280     | 4.380 | 11.570             | 10.000            | 15.7  |
| Endrin               | 6.578 | 6.510     | 6.650 | 42.290             | 50.000            | -15.4 |
| 4,4'-DDT             | 7.028 | 6.960     | 7.100 | 86.420             | 100.000           | -13.6 |
| Methoxychlor         | 7.504 | 7.430     | 7.570 | 198.890            | 250.000           | -20.4 |

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **10/28/2024** **10/28/2024**

Client Sample No. (PEM): **PEM - PL092942.D** Date Analyzed: **11/11/2024**

Lab Sample No.(PEM): **PEM** Time Analyzed: **09:49**

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 7.918 | 7.820     | 8.020 | 19.450             | 20.000            | -2.8 |
| Tetrachloro-m-xylene | 2.778 | 2.730     | 2.830 | 22.330             | 20.000            | 11.7 |
| alpha-BHC            | 3.280 | 3.230     | 3.330 | 10.690             | 10.000            | 6.9  |
| beta-BHC             | 3.911 | 3.860     | 3.960 | 11.740             | 10.000            | 17.4 |
| gamma-BHC (Lindane)  | 3.611 | 3.560     | 3.660 | 10.280             | 10.000            | 2.8  |
| Endrin               | 5.643 | 5.570     | 5.710 | 50.510             | 50.000            | 1.0  |
| 4,4'-DDT             | 6.041 | 5.970     | 6.110 | 105.500            | 100.000           | 5.5  |
| Methoxychlor         | 6.616 | 6.550     | 6.690 | 225.180            | 250.000           | -9.9 |

**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: **PORT06**

Lab Code: **CHEM** Case No.: **P4718** SAS No.: **P4718** SDG NO.: **P4718**

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **10/28/2024** **10/28/2024**

Client Sample No. (PEM): **PEM - PL092972.D** Date Analyzed: **11/11/2024**

Lab Sample No.(PEM): **PEM** Time Analyzed: **20:00**

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 9.062 | 8.960     | 9.160 | 20.460             | 20.000            | 2.3   |
| Tetrachloro-m-xylene | 3.542 | 3.490     | 3.590 | 22.530             | 20.000            | 12.7  |
| alpha-BHC            | 3.998 | 3.950     | 4.050 | 11.450             | 10.000            | 14.5  |
| beta-BHC             | 4.529 | 4.480     | 4.580 | 11.720             | 10.000            | 17.2  |
| gamma-BHC (Lindane)  | 4.331 | 4.280     | 4.380 | 11.150             | 10.000            | 11.5  |
| Endrin               | 6.579 | 6.510     | 6.650 | 41.830             | 50.000            | -16.3 |
| 4,4'-DDT             | 7.029 | 6.960     | 7.100 | 82.830             | 100.000           | -17.2 |
| Methoxychlor         | 7.506 | 7.440     | 7.580 | 196.860            | 250.000           | -21.3 |

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **10/28/2024** **10/28/2024**

Client Sample No. (PEM): **PEM - PL092972.D** Date Analyzed: **11/11/2024**

Lab Sample No.(PEM): **PEM** Time Analyzed: **20:00**

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 7.920 | 7.820     | 8.020 | 19.420             | 20.000            | -2.9  |
| Tetrachloro-m-xylene | 2.779 | 2.730     | 2.830 | 21.700             | 20.000            | 8.5   |
| alpha-BHC            | 3.282 | 3.230     | 3.330 | 10.340             | 10.000            | 3.4   |
| beta-BHC             | 3.912 | 3.860     | 3.960 | 11.670             | 10.000            | 16.7  |
| gamma-BHC (Lindane)  | 3.612 | 3.560     | 3.660 | 9.880              | 10.000            | -1.2  |
| Endrin               | 5.644 | 5.570     | 5.710 | 48.440             | 50.000            | -3.1  |
| 4,4'-DDT             | 6.042 | 5.970     | 6.110 | 95.830             | 100.000           | -4.2  |
| Methoxychlor         | 6.618 | 6.550     | 6.690 | 221.160            | 250.000           | -11.5 |

## Analytical Sequence

|                                              |                                                                              |
|----------------------------------------------|------------------------------------------------------------------------------|
| <b>Client:</b> Portal Partners Tri-Venture   | <b>SDG No.:</b> P4718                                                        |
| <b>Project:</b> Amtrak Sawtooth Bridges 2024 | <b>Instrument ID:</b> ECD_L                                                  |
| <b>GC Column:</b> ZB-MR2                     | <b>ID:</b> 0.32 (mm) <b>Inst. Calib. Date(s):</b> 10/28/2024      10/28/2024 |

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| LBLK              | LBLK             | 10/28/2024       | 13:55            | PL092652.D | 9.05        | 3.54        |
| PEM               | PEM              | 10/28/2024       | 14:16            | PL092653.D | 9.06        | 3.55        |
| RESCHK            | RESCHK           | 10/28/2024       | 14:29            | PL092654.D | 9.05        | 3.54        |
| PSTDICC100        | PSTDICC100       | 10/28/2024       | 14:43            | PL092655.D | 9.05        | 3.54        |
| PSTDICC075        | PSTDICC075       | 10/28/2024       | 14:56            | PL092656.D | 9.05        | 3.54        |
| PSTDICC050        | PSTDICC050       | 10/28/2024       | 15:09            | PL092657.D | 9.05        | 3.54        |
| PSTDICC025        | PSTDICC025       | 10/28/2024       | 15:23            | PL092658.D | 9.05        | 3.54        |
| PSTDICC005        | PSTDICC005       | 10/28/2024       | 15:36            | PL092659.D | 9.05        | 3.54        |
| PCHLORICC500      | PCHLORICC500     | 10/28/2024       | 16:16            | PL092662.D | 9.06        | 3.54        |
| PTOXICC500        | PTOXICC500       | 10/28/2024       | 17:23            | PL092667.D | 9.05        | 3.54        |
| LBLK              | LBLK             | 11/11/2024       | 09:35            | PL092941.D | 9.06        | 3.54        |
| PEM               | PEM              | 11/11/2024       | 09:49            | PL092942.D | 9.06        | 3.54        |
| PSTDCCC050        | PSTDCCC050       | 11/11/2024       | 11:58            | PL092943.D | 9.06        | 3.54        |
| PB164849BL        | PB164849BL       | 11/11/2024       | 12:12            | PL092944.D | 9.06        | 3.54        |
| PB164849BS        | PB164849BS       | 11/11/2024       | 12:26            | PL092945.D | 9.06        | 3.54        |
| PB164694TB        | PB164694TB       | 11/11/2024       | 12:40            | PL092946.D | 9.06        | 3.54        |
| LBLK              | LBLK             | 11/11/2024       | 16:35            | PL092959.D | 9.07        | 3.55        |
| PSTDCCC050        | PSTDCCC050       | 11/11/2024       | 16:49            | PL092960.D | 9.06        | 3.54        |
| LBLK              | LBLK             | 11/11/2024       | 19:46            | PL092971.D | 9.06        | 3.54        |
| PEM               | PEM              | 11/11/2024       | 20:00            | PL092972.D | 9.06        | 3.54        |
| PSTDCCC050        | PSTDCCC050       | 11/11/2024       | 20:14            | PL092973.D | 9.06        | 3.54        |
| WB-307-SB02       | P4718-03         | 11/11/2024       | 22:47            | PL092983.D | 9.06        | 3.54        |
| WB-307-SB02MS     | P4718-03MS       | 11/11/2024       | 23:01            | PL092984.D | 9.06        | 3.54        |
| WB-307-SB02MSD    | P4718-03MSD      | 11/11/2024       | 23:14            | PL092985.D | 9.06        | 3.54        |
| LBLK              | LBLK             | 11/12/2024       | 00:52            | PL092992.D | 9.06        | 3.54        |
| PSTDCCC050        | PSTDCCC050       | 11/12/2024       | 01:06            | PL092993.D | 9.06        | 3.54        |

## Analytical Sequence

|                                              |                                                                              |
|----------------------------------------------|------------------------------------------------------------------------------|
| <b>Client:</b> Portal Partners Tri-Venture   | <b>SDG No.:</b> P4718                                                        |
| <b>Project:</b> Amtrak Sawtooth Bridges 2024 | <b>Instrument ID:</b> ECD_L                                                  |
| <b>GC Column:</b> ZB-MR1                     | <b>ID:</b> 0.32 (mm) <b>Inst. Calib. Date(s):</b> 10/28/2024      10/28/2024 |

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| LBLK              | LBLK             | 10/28/2024       | 13:55            | PL092652.D | 7.92        | 2.78        |
| PEM               | PEM              | 10/28/2024       | 14:16            | PL092653.D | 7.92        | 2.78        |
| RESCHK            | RESCHK           | 10/28/2024       | 14:29            | PL092654.D | 7.92        | 2.78        |
| PSTDICCC100       | PSTDICCC100      | 10/28/2024       | 14:43            | PL092655.D | 7.92        | 2.78        |
| PSTDICCC075       | PSTDICCC075      | 10/28/2024       | 14:56            | PL092656.D | 7.92        | 2.78        |
| PSTDICCC050       | PSTDICCC050      | 10/28/2024       | 15:09            | PL092657.D | 7.92        | 2.78        |
| PSTDICCC025       | PSTDICCC025      | 10/28/2024       | 15:23            | PL092658.D | 7.92        | 2.78        |
| PSTDICCC005       | PSTDICCC005      | 10/28/2024       | 15:36            | PL092659.D | 7.92        | 2.78        |
| PCHLORICC500      | PCHLORICC500     | 10/28/2024       | 16:16            | PL092662.D | 7.92        | 2.78        |
| PTOXICC500        | PTOXICC500       | 10/28/2024       | 17:23            | PL092667.D | 7.92        | 2.78        |
| LBLK              | LBLK             | 11/11/2024       | 09:35            | PL092941.D | 7.92        | 2.78        |
| PEM               | PEM              | 11/11/2024       | 09:49            | PL092942.D | 7.92        | 2.78        |
| PSTDCCC050        | PSTDCCC050       | 11/11/2024       | 11:58            | PL092943.D | 7.92        | 2.78        |
| PB164849BL        | PB164849BL       | 11/11/2024       | 12:12            | PL092944.D | 7.92        | 2.78        |
| PB164849BS        | PB164849BS       | 11/11/2024       | 12:26            | PL092945.D | 7.92        | 2.78        |
| PB164694TB        | PB164694TB       | 11/11/2024       | 12:40            | PL092946.D | 7.92        | 2.78        |
| LBLK              | LBLK             | 11/11/2024       | 16:35            | PL092959.D | 7.92        | 2.78        |
| PSTDCCC050        | PSTDCCC050       | 11/11/2024       | 16:49            | PL092960.D | 7.92        | 2.78        |
| LBLK              | LBLK             | 11/11/2024       | 19:46            | PL092971.D | 7.92        | 2.78        |
| PEM               | PEM              | 11/11/2024       | 20:00            | PL092972.D | 7.92        | 2.78        |
| PSTDCCC050        | PSTDCCC050       | 11/11/2024       | 20:14            | PL092973.D | 7.92        | 2.78        |
| WB-307-SB02       | P4718-03         | 11/11/2024       | 22:47            | PL092983.D | 7.92        | 2.78        |
| WB-307-SB02MS     | P4718-03MS       | 11/11/2024       | 23:01            | PL092984.D | 7.92        | 2.78        |
| WB-307-SB02MSD    | P4718-03MSD      | 11/11/2024       | 23:14            | PL092985.D | 7.92        | 2.78        |
| LBLK              | LBLK             | 11/12/2024       | 00:52            | PL092992.D | 7.92        | 2.78        |
| PSTDCCC050        | PSTDCCC050       | 11/12/2024       | 01:06            | PL092993.D | 7.92        | 2.78        |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164849BS

Contract: PORT06

Lab Code: CHEM

Case No.: P4718

SAS No.: P4718

SDG NO.: P4718

Lab Sample ID: PB164849BS

Date(s) Analyzed: 11/11/2024

11/11/2024

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Methoxychlor        | 1   | 7.51 | 7.46      | 7.56 | 0.46          | 8.6  |
|                     | 2   | 6.62 | 6.57      | 6.67 | 0.50          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 0.48          | 6    |
|                     | 2   | 3.61 | 3.56      | 3.66 | 0.51          |      |
| Heptachlor          | 1   | 4.92 | 4.87      | 4.97 | 0.49          | 7.5  |
|                     | 2   | 3.95 | 3.90      | 4.00 | 0.53          |      |
| Heptachlor epoxide  | 1   | 5.69 | 5.64      | 5.74 | 0.48          | 10.6 |
|                     | 2   | 4.73 | 4.68      | 4.78 | 0.53          |      |
| Endrin              | 1   | 6.58 | 6.53      | 6.63 | 0.44          | 18.6 |
|                     | 2   | 5.64 | 5.59      | 5.69 | 0.53          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WB-307-SB02MS

Contract: PORT06

Lab Code: CHEM

Case No.: P4718

SAS No.: P4718

SDG NO.: P4718

Lab Sample ID: P4718-03MS

Date(s) Analyzed: 11/11/2024

11/11/2024

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Endrin              | 1   | 6.58 | 6.53      | 6.63 | 4.40          | 16.7 |
|                     | 2   | 5.64 | 5.59      | 5.69 | 5.20          |      |
| Methoxychlor        | 1   | 7.51 | 7.46      | 7.56 | 4.50          | 6.5  |
|                     | 2   | 6.62 | 6.57      | 6.67 | 4.80          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 4.60          | 6.3  |
|                     | 2   | 3.61 | 3.56      | 3.66 | 4.90          |      |
| Heptachlor          | 1   | 4.92 | 4.87      | 4.97 | 5.00          | 7.7  |
|                     | 2   | 3.95 | 3.90      | 4.00 | 5.40          |      |
| Heptachlor epoxide  | 1   | 5.69 | 5.64      | 5.74 | 4.70          | 12   |
|                     | 2   | 4.73 | 4.68      | 4.78 | 5.30          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WB-307-SB02MSD

Contract: PORT06

Lab Code: CHEM

Case No.: P4718

SAS No.: P4718

SDG NO.: P4718

Lab Sample ID: P4718-03MSD

Date(s) Analyzed: 11/11/2024

11/11/2024

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Methoxychlor        | 1   | 7.50 | 7.45      | 7.55 | 4.50          | 6.5  |
|                     | 2   | 6.62 | 6.57      | 6.67 | 4.80          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 4.60          | 6.3  |
|                     | 2   | 3.61 | 3.56      | 3.66 | 4.90          |      |
| Heptachlor          | 1   | 4.92 | 4.87      | 4.97 | 5.00          | 9.5  |
|                     | 2   | 3.95 | 3.90      | 4.00 | 5.50          |      |
| Heptachlor epoxide  | 1   | 5.69 | 5.64      | 5.74 | 4.80          | 9.9  |
|                     | 2   | 4.73 | 4.68      | 4.78 | 5.30          |      |
| Endrin              | 1   | 6.58 | 6.53      | 6.63 | 4.50          | 18.2 |
|                     | 2   | 5.64 | 5.59      | 5.69 | 5.40          |      |



# SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
 Data File : PL092983.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2024 22:47  
 Operator : AR\AJ  
 Sample : P4718-03  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WB-307-SB02

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 12 00:37:18 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.542 | 2.778 | 50433730 | 54798091 | 20.583 | 20.138 |
| 28) SA Decachlor...         | 9.061 | 7.919 | 28120365 | 34581119 | 14.611 | 12.671 |

Target Compounds

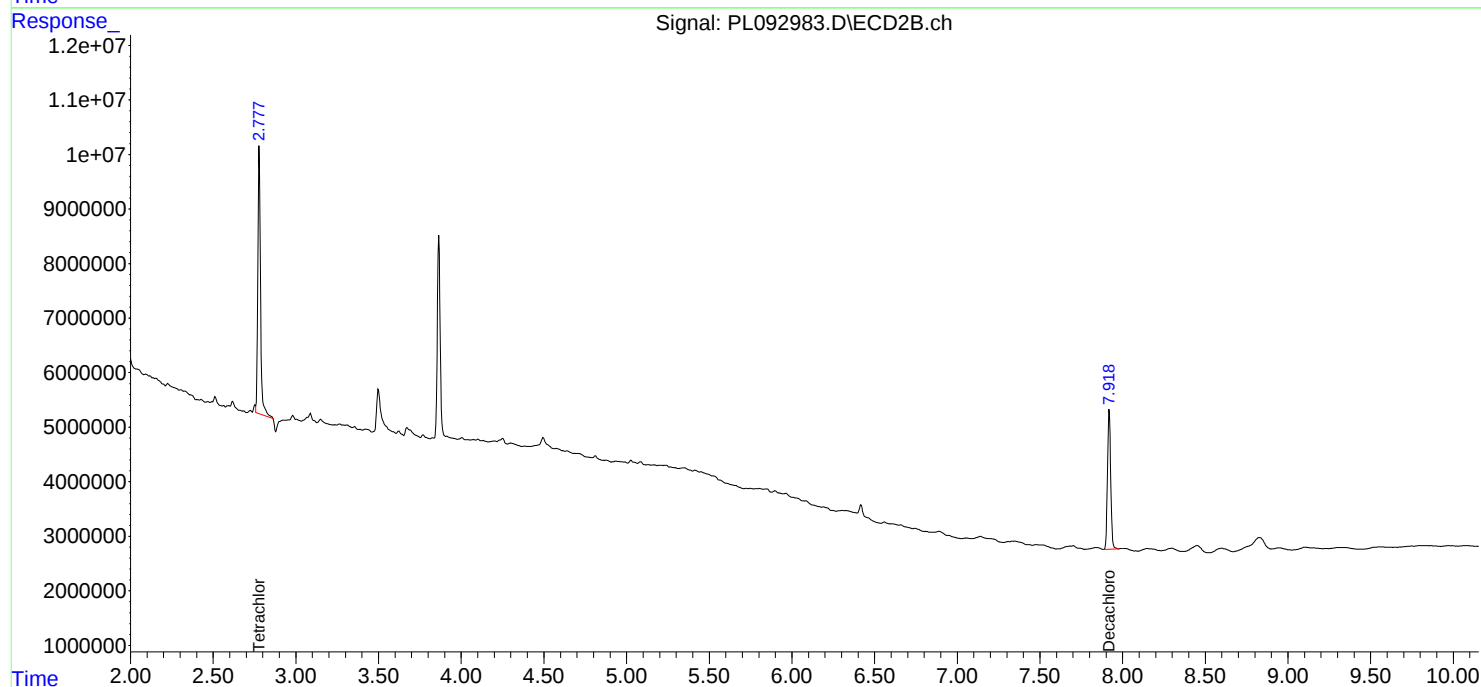
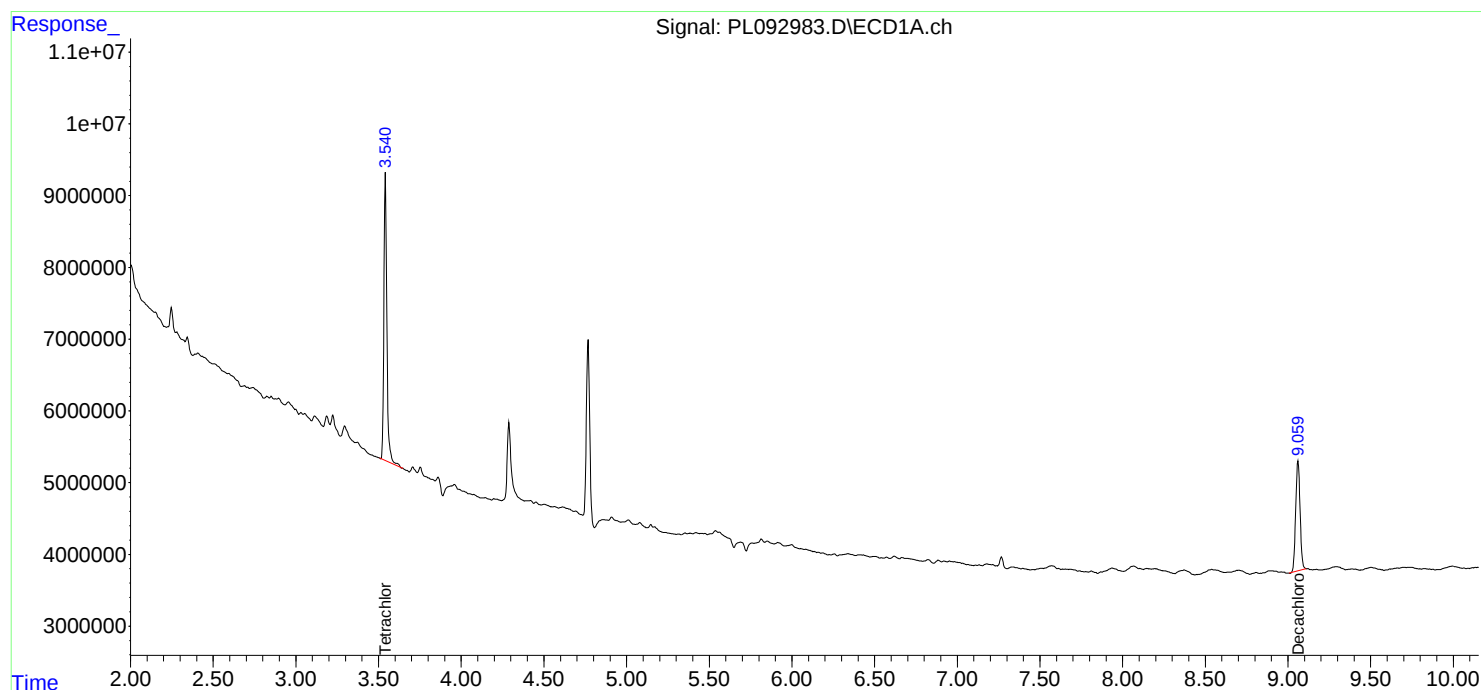
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

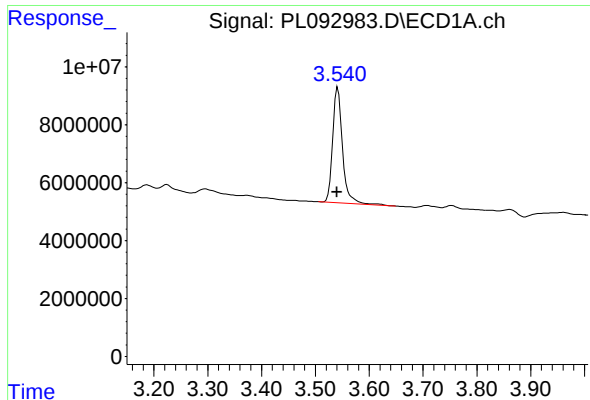
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
Data File : PL092983.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Nov 2024 22:47  
Operator : AR\AJ  
Sample : P4718-03  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
WB-307-SB02

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 12 00:37:18 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

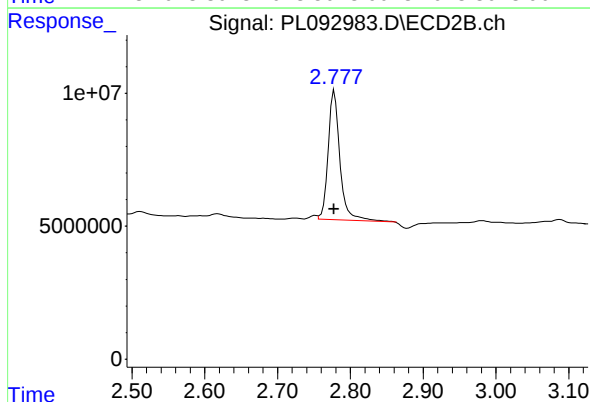




## #1 Tetrachloro-m-xylene

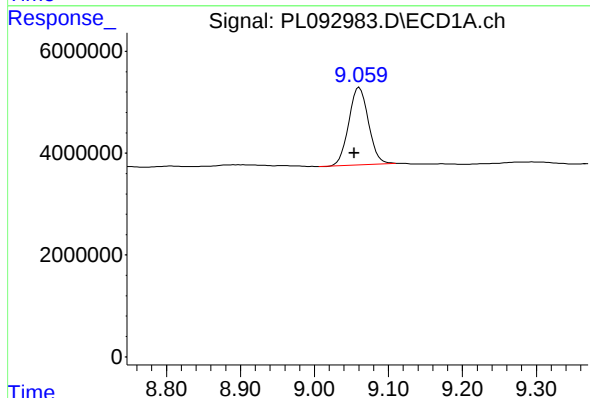
R.T.: 3.542 min  
Delta R.T.: 0.002 min  
Response: 50433730  
Conc: 20.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WB-307-SB02



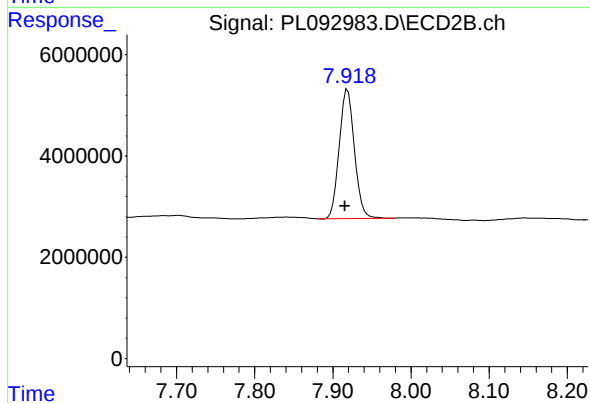
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 54798091  
Conc: 20.14 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.007 min  
Response: 28120365  
Conc: 14.61 ng/ml



## #28 Decachlorobiphenyl

R.T.: 7.919 min  
Delta R.T.: 0.003 min  
Response: 34581119  
Conc: 12.67 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
 Data File : PL092946.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2024 12:40  
 Operator : AR\AJ  
 Sample : PB164694TB  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB164694TB

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 11 23:48:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.542 | 2.779 | 50543817 | 54730479 | 20.628 | 20.113 |
| 28) SA Decachlor...         | 9.062 | 7.919 | 40873416 | 56699558 | 21.238 | 20.775 |

Target Compounds

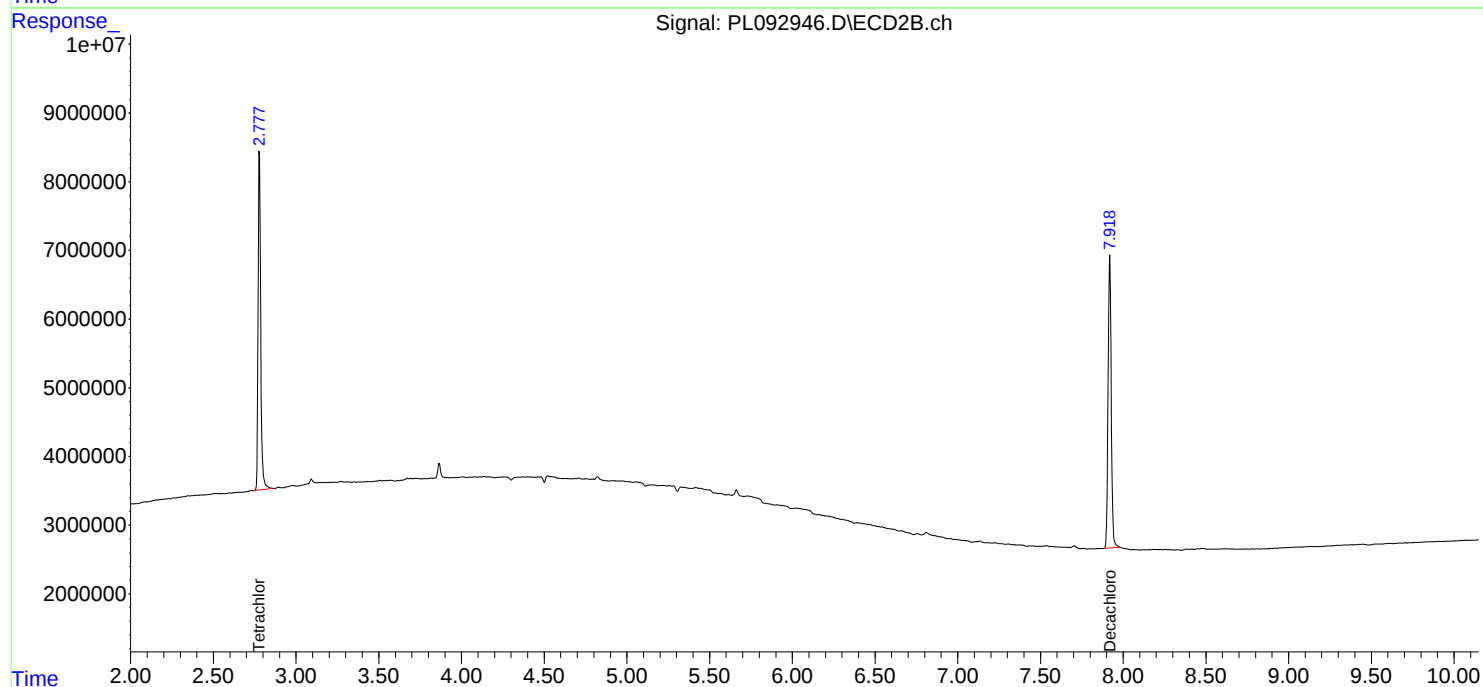
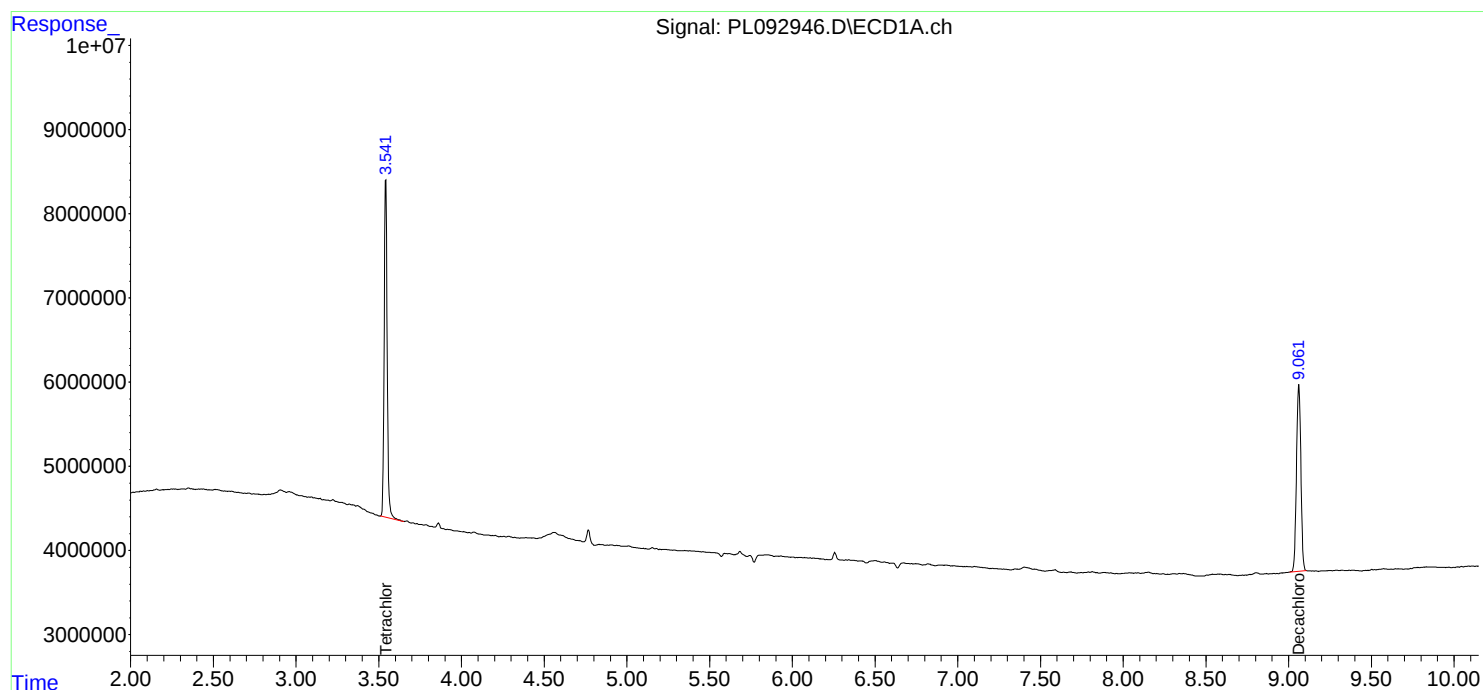
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

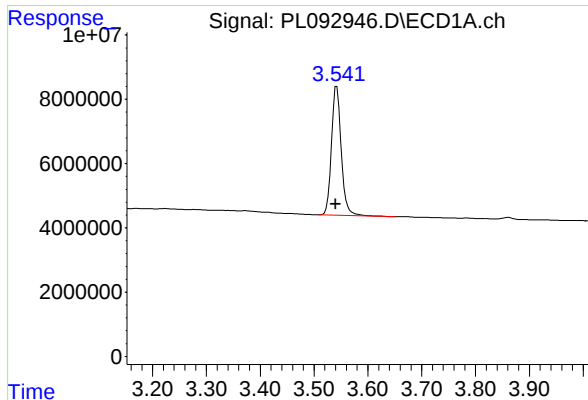
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
Data File : PL092946.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Nov 2024 12:40  
Operator : AR\AJ  
Sample : PB164694TB  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB164694TB

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 23:48:48 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

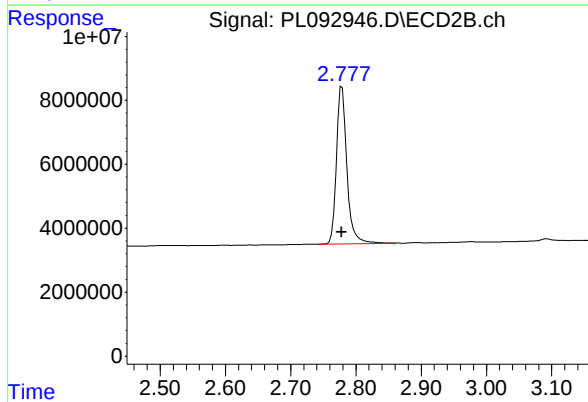




## #1 Tetrachloro-m-xylene

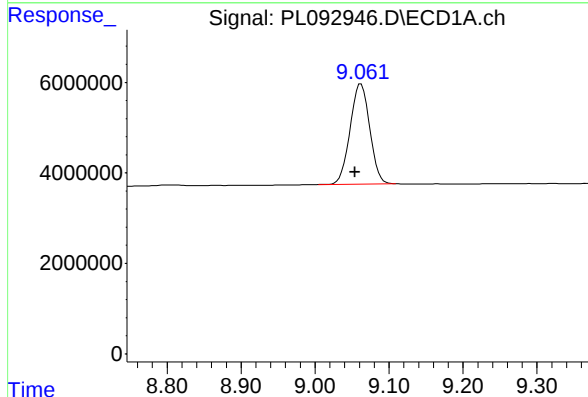
R.T.: 3.542 min  
Delta R.T.: 0.002 min  
Response: 50543817  
Conc: 20.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164694TB



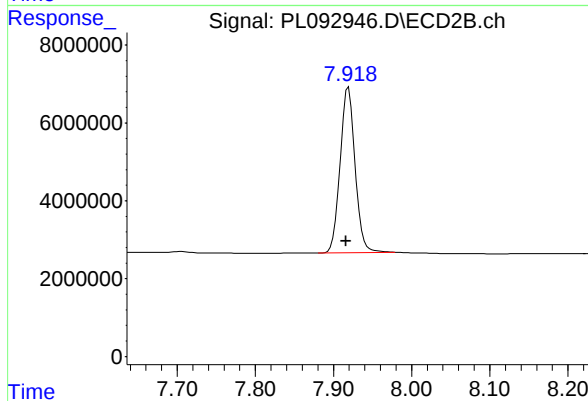
## #1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: 0.000 min  
Response: 54730479  
Conc: 20.11 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.062 min  
Delta R.T.: 0.008 min  
Response: 40873416  
Conc: 21.24 ng/ml



## #28 Decachlorobiphenyl

R.T.: 7.919 min  
Delta R.T.: 0.003 min  
Response: 56699558  
Conc: 20.77 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
 Data File : PL092944.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2024 12:12  
 Operator : AR\AJ  
 Sample : PB164849BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB164849BL

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 11 23:47:02 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.542 | 2.778 | 50726938 | 54774564 | 20.703 | 20.129 |
| 28) SA Decachlor...         | 9.061 | 7.919 | 40520105 | 55953124 | 21.054 | 20.501 |

Target Compounds

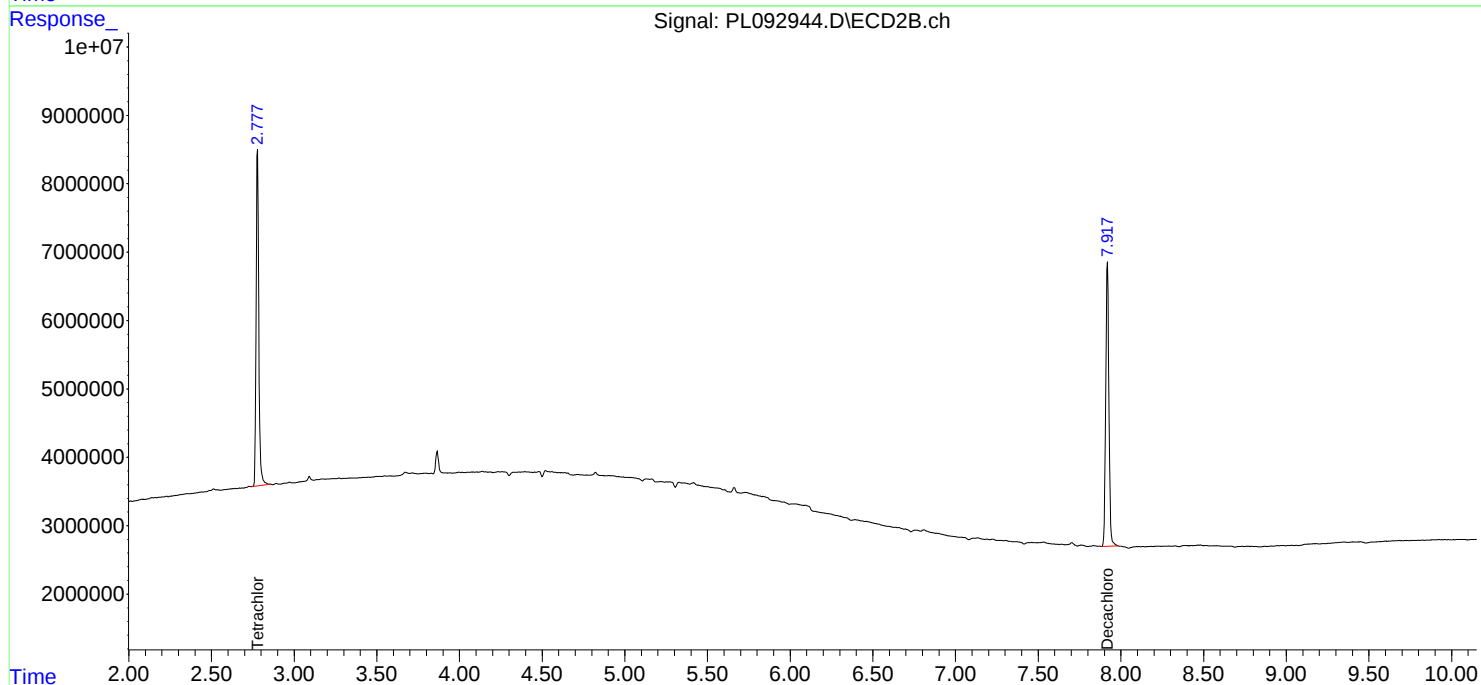
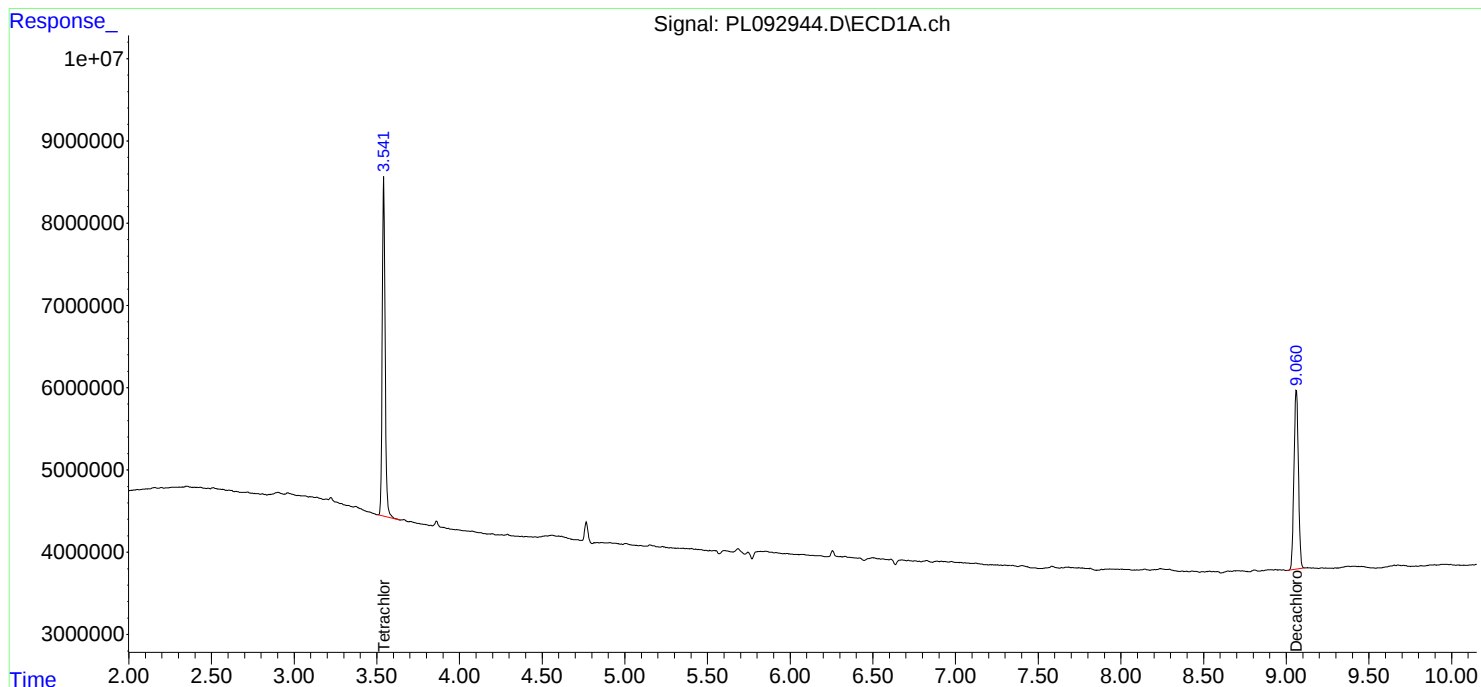
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

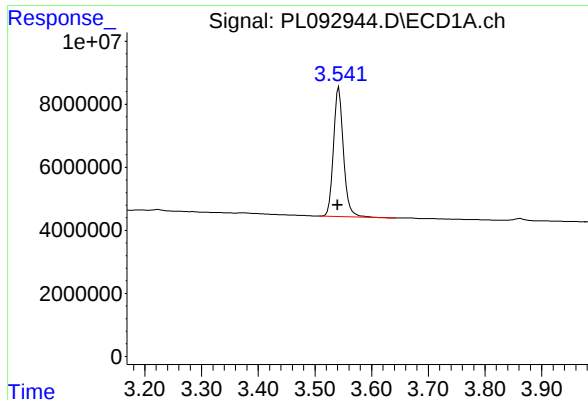
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
Data File : PL092944.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Nov 2024 12:12  
Operator : AR\AJ  
Sample : PB164849BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB164849BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 23:47:02 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

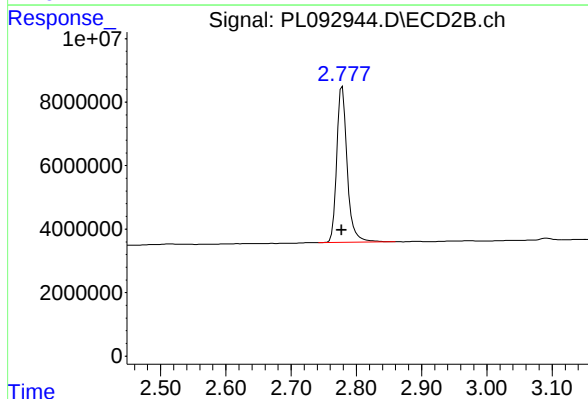




## #1 Tetrachloro-m-xylene

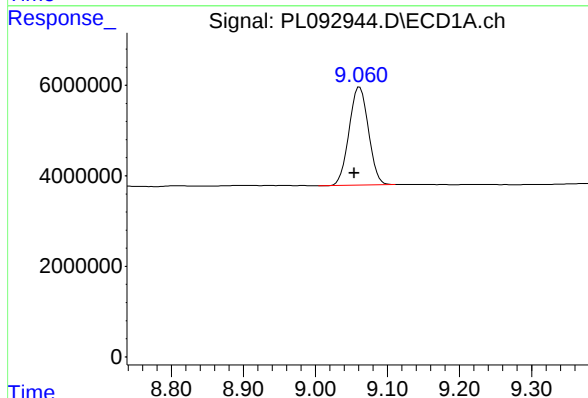
R.T.: 3.542 min  
Delta R.T.: 0.002 min  
Response: 50726938  
Conc: 20.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164849BL



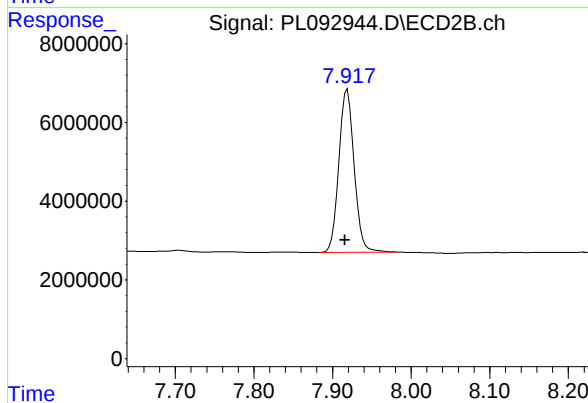
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 54774564  
Conc: 20.13 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.007 min  
Response: 40520105  
Conc: 21.05 ng/ml



## #28 Decachlorobiphenyl

R.T.: 7.919 min  
Delta R.T.: 0.003 min  
Response: 55953124  
Conc: 20.50 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
 Data File : PL092945.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2024 12:26  
 Operator : AR\AJ  
 Sample : PB164849BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB164849BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 11 23:47:50 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.542 | 2.779 | 46784682 | 48717111 | 19.094 | 17.903 |
| 28)                         | SA Decachlor... | 9.061 | 7.919 | 37131410 | 51516098 | 19.294 | 18.876 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.998 | 3.282 | 165.0E6  | 204.8E6  | 48.649 | 51.335 |
| 3)                          | MA gamma-BHC... | 4.331 | 3.612 | 156.1E6  | 196.3E6  | 47.903 | 50.865 |
| 4)                          | MA Heptachlor   | 4.920 | 3.951 | 147.1E6  | 199.4E6  | 48.999 | 52.837 |
| 5)                          | MB Aldrin       | 5.262 | 4.230 | 141.7E6  | 189.4E6  | 47.217 | 51.742 |
| 6)                          | B beta-BHC      | 4.529 | 3.911 | 71993709 | 86977955 | 49.807 | 52.834 |
| 7)                          | B delta-BHC     | 4.776 | 4.140 | 137.6E6  | 174.6E6  | 43.977 | 45.430 |
| 8)                          | B Heptachlo...  | 5.688 | 4.733 | 132.4E6  | 178.1E6  | 47.958 | 53.312 |
| 9)                          | A Endosulfan I  | 6.074 | 5.103 | 122.4E6  | 165.1E6  | 48.913 | 54.084 |
| 10)                         | B gamma-Chl...  | 5.944 | 4.984 | 132.5E6  | 185.1E6  | 49.818 | 55.076 |
| 11)                         | B alpha-Chl...  | 6.023 | 5.047 | 131.0E6  | 182.2E6  | 49.478 | 54.768 |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.236 | 118.2E6  | 178.1E6  | 49.871 | 55.276 |
| 13)                         | MA Dieldrin     | 6.349 | 5.367 | 128.8E6  | 182.7E6  | 48.854 | 54.689 |
| 14)                         | MA Endrin       | 6.579 | 5.643 | 100.0E6  | 153.2E6  | 43.930 | 52.939 |
| 15)                         | B Endosulfa...  | 6.799 | 5.938 | 113.1E6  | 161.0E6  | 47.456 | 56.819 |
| 16)                         | A 4,4'-DDD      | 6.714 | 5.792 | 98938720 | 145.2E6  | 51.543 | 58.302 |
| 17)                         | MA 4,4'-DDT     | 7.028 | 6.042 | 100.6E6  | 142.9E6  | 48.627 | 53.294 |
| 18)                         | B Endrin al...  | 6.929 | 6.118 | 90445453 | 123.6E6  | 48.161 | 53.587 |
| 19)                         | B Endosulfa...  | 7.163 | 6.340 | 103.4E6  | 146.1E6  | 47.626 | 54.184 |
| 20)                         | A Methoxychlor  | 7.505 | 6.617 | 52385600 | 71485421 | 45.952 | 50.059 |
| 21)                         | B Endrin ke...  | 7.648 | 6.846 | 118.2E6  | 169.5E6  | 48.767 | 55.234 |
| 22)                         | Mirex           | 8.122 | 7.027 | 81987498 | 117.7E6  | 41.372 | 45.094 |
| -----                       |                 |       |       |          |          |        |        |

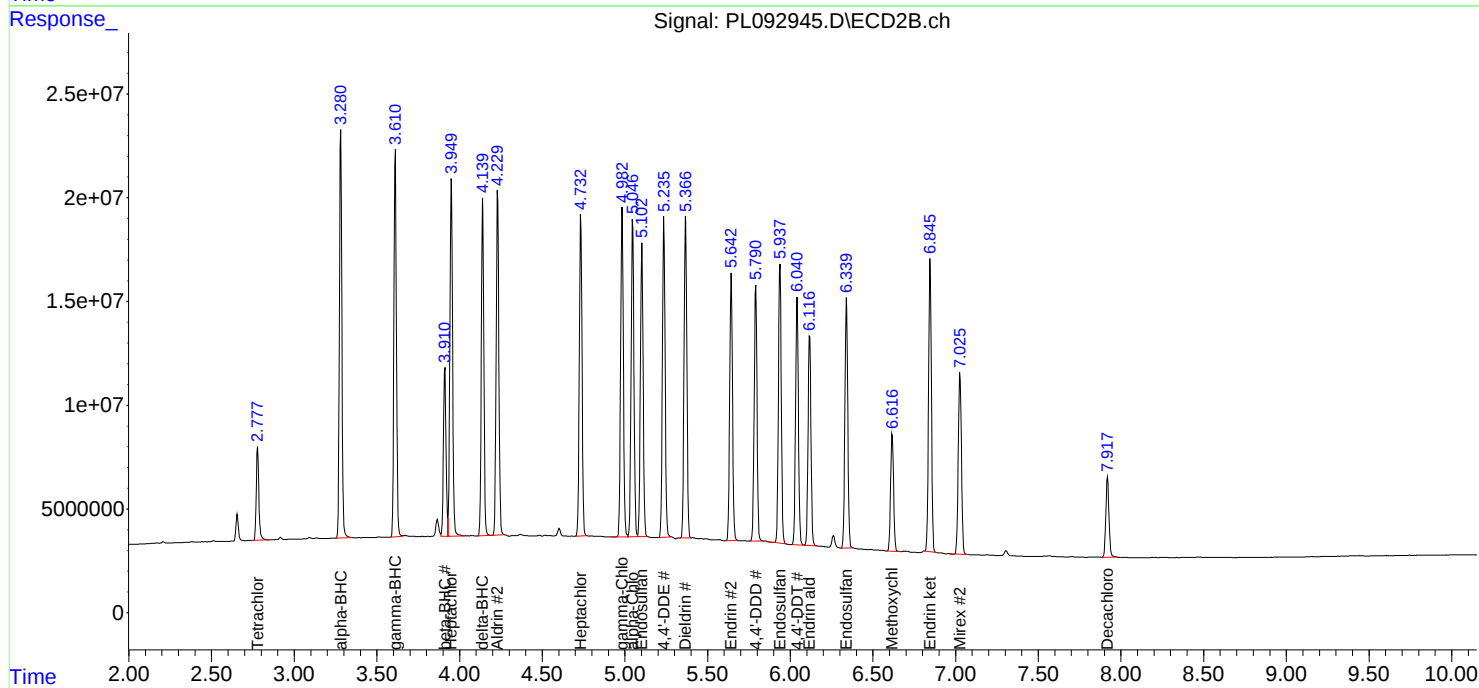
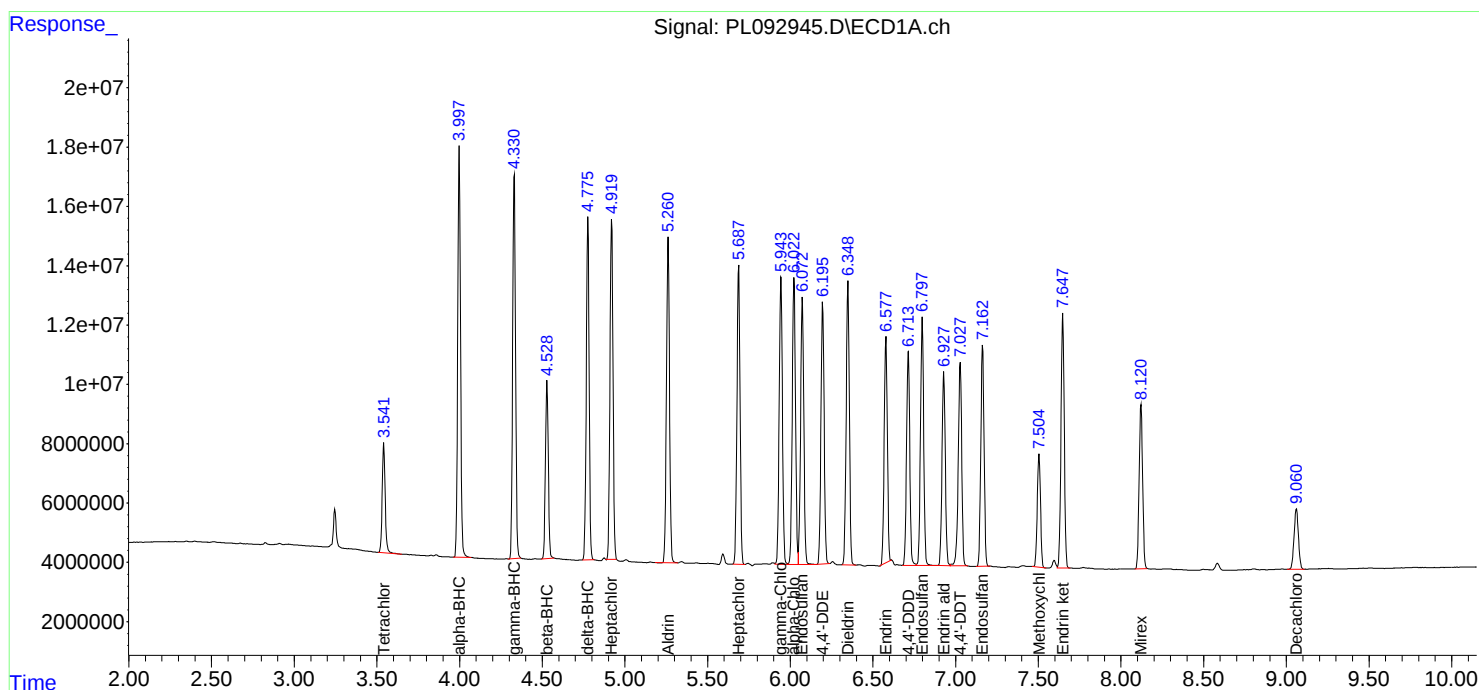
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
Data File : PL092945.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Nov 2024 12:26  
Operator : AR\AJ  
Sample : PB164849BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB164849BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 23:47:50 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
 Data File : PL092984.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2024 23:01  
 Operator : AR\AJ  
 Sample : P4718-03MS  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WB-307-SB02MS

### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/12/2024  
 Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 12 00:38:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.541 | 2.778 | 60341989 | 52420795 | 24.627  | 19.264   |
| 28)                         | SA Decachlor... | 9.061 | 7.919 | 27181880 | 35823783 | 14.124  | 13.126   |
|                             |                 |       |       |          |          |         |          |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.999 | 3.281 | 150.4E6  | 190.1E6  | 44.355  | 47.641   |
| 3)                          | MA gamma-BHC... | 4.330 | 3.611 | 149.7E6  | 189.0E6  | 45.919m | 48.961   |
| 4)                          | MA Heptachlor   | 4.920 | 3.950 | 150.3E6  | 204.2E6  | 50.050  | 54.106   |
| 5)                          | MB Aldrin       | 5.262 | 4.230 | 142.8E6  | 190.9E6  | 47.588  | 52.153   |
| 6)                          | B beta-BHC      | 4.529 | 3.911 | 73583080 | 90555823 | 50.906  | 55.007   |
| 7)                          | B delta-BHC     | 4.774 | 4.140 | 57772922 | 42056610 | 18.459  | 10.943 # |
| 8)                          | B Heptachlo...  | 5.688 | 4.733 | 131.2E6  | 175.4E6  | 47.494  | 52.506   |
| 9)                          | A Endosulfan I  | 6.074 | 5.103 | 119.5E6  | 165.6E6  | 47.773  | 54.247   |
| 10)                         | B gamma-Chl...  | 5.944 | 4.983 | 130.4E6  | 185.4E6  | 49.024  | 55.148   |
| 11)                         | B alpha-Chl...  | 6.024 | 5.047 | 128.9E6  | 181.1E6  | 48.681  | 54.452   |
| 12)                         | B 4,4'-DDE      | 6.197 | 5.236 | 120.0E6  | 182.4E6  | 50.665  | 56.607   |
| 13)                         | MA Dieldrin     | 6.349 | 5.368 | 126.0E6  | 179.2E6  | 47.821  | 53.633   |
| 14)                         | MA Endrin       | 6.579 | 5.643 | 99816511 | 150.2E6  | 43.843  | 51.929   |
| 15)                         | B Endosulfa...  | 6.798 | 5.938 | 109.0E6  | 154.5E6  | 45.718  | 54.527   |
| 16)                         | A 4,4'-DDD      | 6.714 | 5.791 | 96626123 | 141.0E6  | 50.339  | 56.643   |
| 17)                         | MA 4,4'-DDT     | 7.028 | 6.042 | 96757553 | 132.7E6  | 46.748  | 49.463   |
| 18)                         | B Endrin al...  | 6.929 | 6.117 | 81159209 | 109.2E6  | 43.216  | 47.349   |
| 19)                         | B Endosulfa...  | 7.163 | 6.340 | 81644500 | 110.9E6  | 37.618  | 41.110   |
| 20)                         | A Methoxychlor  | 7.505 | 6.617 | 51002961 | 68150722 | 44.739  | 47.724   |
| 21)                         | B Endrin ke...  | 7.648 | 6.846 | 111.0E6  | 158.1E6  | 45.825  | 51.506   |
| 22)                         | Mirex           | 8.122 | 7.027 | 83867601 | 116.5E6  | 42.321  | 44.637   |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
Data File : PL092984.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Nov 2024 23:01  
Operator : AR\AJ  
Sample : P4718-03MS  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

WB-307-SB02MS

## Manual Integrations

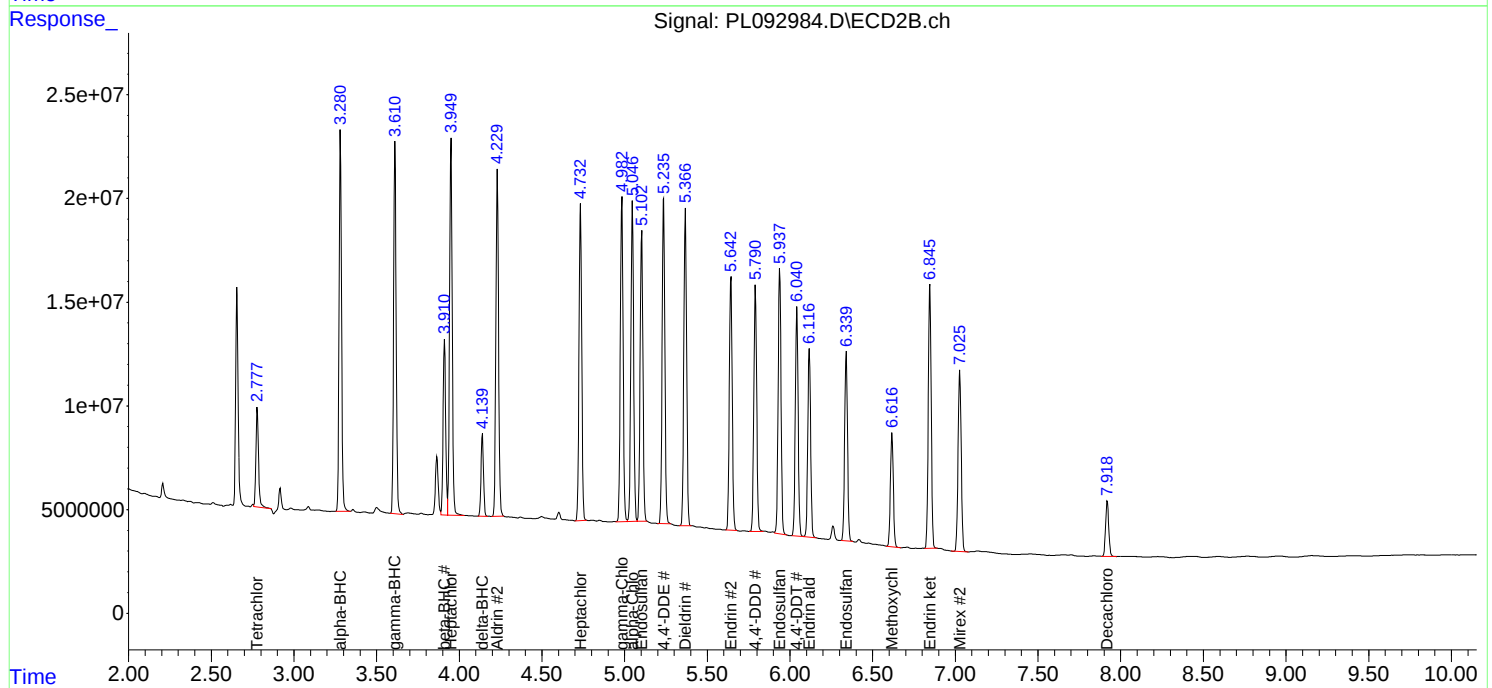
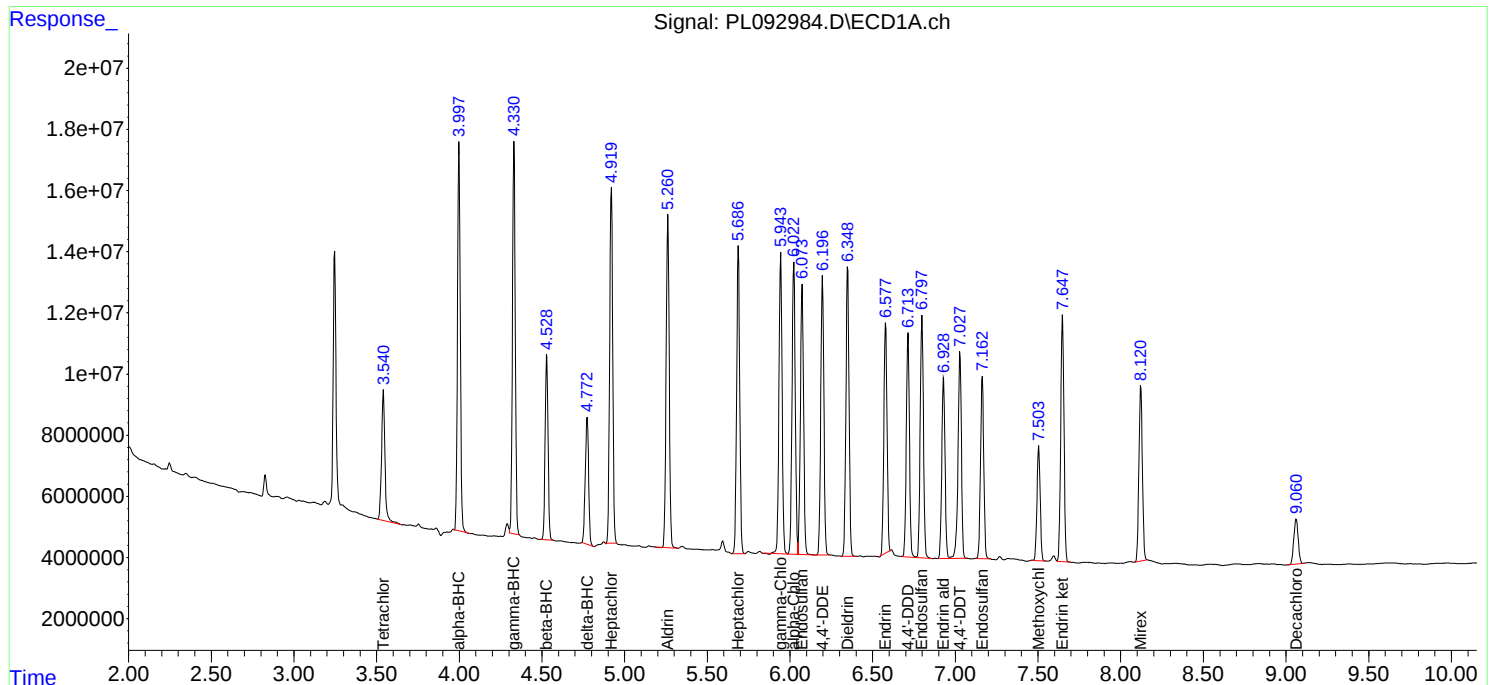
APPROVED

Reviewed By :Abdul Mirza 11/12/2024

Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 12 00:38:06 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
 Data File : PL092985.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2024 23:14  
 Operator : AR\AJ  
 Sample : P4718-03MSD  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WB-307-SB02MSD

### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/12/2024  
 Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 12 00:39:32 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-------|-------|----------|----------|---------|----------|
| -----                       |       |       |          |          |         |          |
| System Monitoring Compounds |       |       |          |          |         |          |
| 1) SA Tetrachlo...          | 3.542 | 2.779 | 60361310 | 52621776 | 24.635  | 19.338   |
| 28) SA Decachlor...         | 9.062 | 7.919 | 27740748 | 36101437 | 14.414  | 13.228   |
| Target Compounds            |       |       |          |          |         |          |
| 2) A alpha-BHC              | 3.998 | 3.281 | 152.0E6  | 191.5E6  | 44.832  | 47.993   |
| 3) MA gamma-BHC...          | 4.330 | 3.611 | 148.6E6  | 190.7E6  | 45.578m | 49.407   |
| 4) MA Heptachlor            | 4.920 | 3.950 | 150.3E6  | 206.7E6  | 50.042  | 54.763   |
| 5) MB Aldrin                | 5.262 | 4.230 | 143.1E6  | 193.8E6  | 47.665  | 52.941   |
| 6) B beta-BHC               | 4.529 | 3.911 | 73467707 | 91675632 | 50.826  | 55.688   |
| 7) B delta-BHC              | 4.774 | 4.140 | 61680107 | 42879201 | 19.707  | 11.157 # |
| 8) B Heptachlo...           | 5.688 | 4.733 | 131.9E6  | 178.3E6  | 47.781  | 53.355   |
| 9) A Endosulfan I           | 6.074 | 5.104 | 122.0E6  | 166.9E6  | 48.775  | 54.674   |
| 10) B gamma-Chl...          | 5.944 | 4.983 | 135.2E6  | 188.1E6  | 50.821  | 55.958   |
| 11) B alpha-Chl...          | 6.023 | 5.047 | 132.0E6  | 183.8E6  | 49.859  | 55.263   |
| 12) B 4,4'-DDE              | 6.197 | 5.236 | 120.2E6  | 184.1E6  | 50.728  | 57.158   |
| 13) MA Dieldrin             | 6.349 | 5.368 | 128.3E6  | 183.6E6  | 48.681  | 54.956   |
| 14) MA Endrin               | 6.578 | 5.643 | 101.6E6  | 155.0E6  | 44.637  | 53.570   |
| 15) B Endosulfa...          | 6.798 | 5.938 | 111.4E6  | 154.8E6  | 46.742  | 54.651   |
| 16) A 4,4'-DDD              | 6.714 | 5.791 | 97012418 | 142.4E6  | 50.540  | 57.185   |
| 17) MA 4,4'-DDT             | 7.028 | 6.042 | 98554036 | 133.9E6  | 47.616  | 49.905   |
| 18) B Endrin al...          | 6.928 | 6.117 | 83635456 | 112.5E6  | 44.535  | 48.769   |
| 19) B Endosulfa...          | 7.163 | 6.340 | 82079944 | 114.5E6  | 37.819  | 42.451   |
| 20) A Methoxychlor          | 7.504 | 6.617 | 51423006 | 68678723 | 45.108  | 48.093   |
| 21) B Endrin ke...          | 7.648 | 6.846 | 112.7E6  | 163.3E6  | 46.532  | 53.223   |
| 22) Mirex                   | 8.122 | 7.027 | 85264905 | 120.5E6  | 43.026  | 46.204   |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
Data File : PL092985.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Nov 2024 23:14  
Operator : AR\AJ  
Sample : P4718-03MSD  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

WB-307-SB02MSD

## Manual Integrations

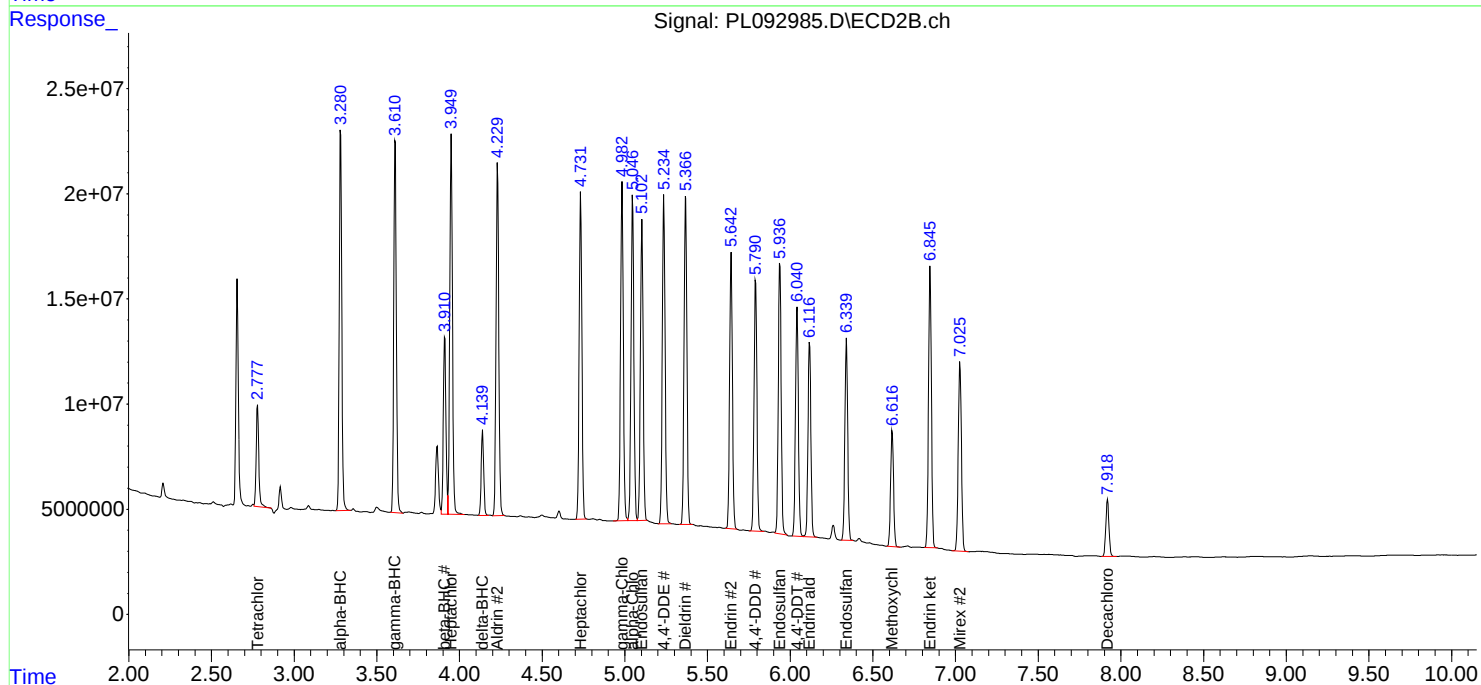
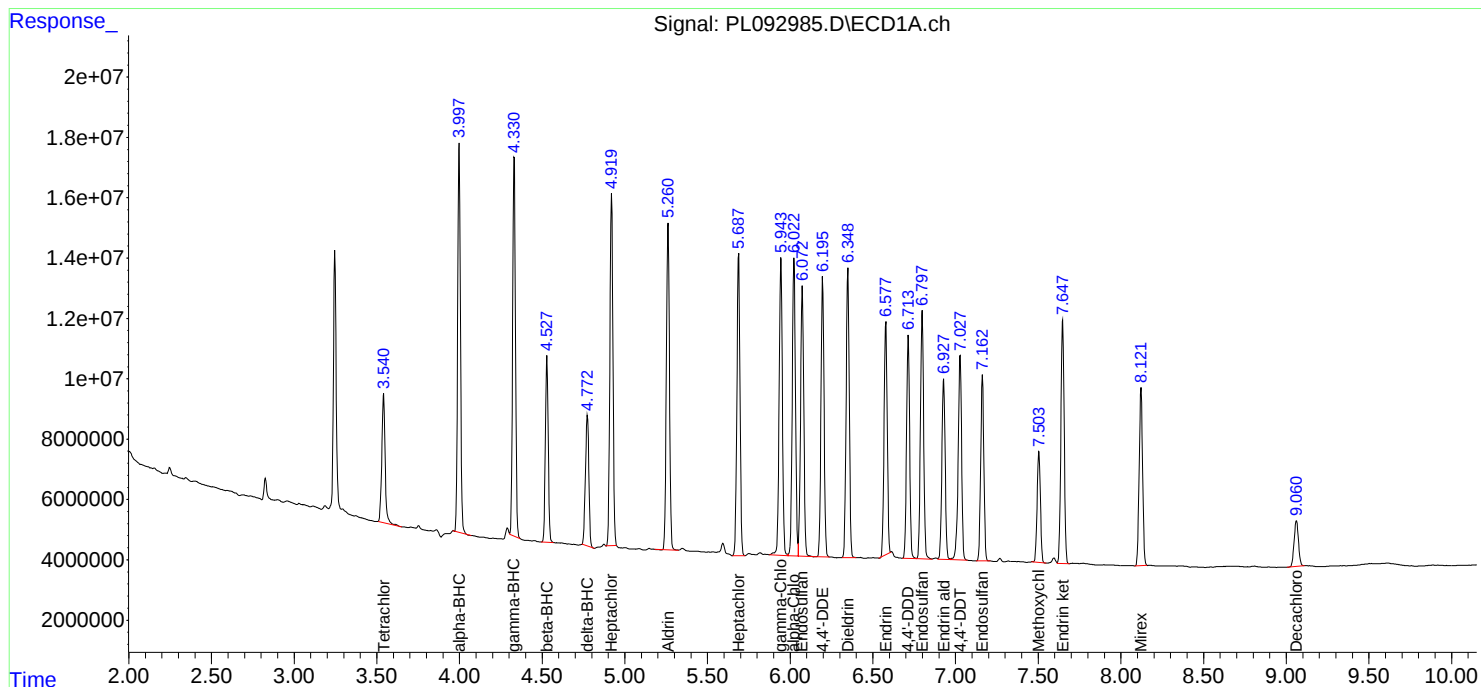
APPROVED

Reviewed By :Abdul Mirza 11/12/2024

Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 12 00:39:32 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PL102824 | Instrument | ECD_I |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter               | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|------------|------------|-------------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| PEM        | PL092653.D | 4,4"-DDD                | Abdul     | 10/29/2024<br>9:08:09 AM | Ankita        | 10/29/2024<br>10:01:26 | Peak Integrated by Software |
| PEM        | PL092653.D | 4,4"-DDD #2             | Abdul     | 10/29/2024<br>9:08:09 AM | Ankita        | 10/29/2024<br>10:01:26 | Peak Integrated by Software |
| PSTDICC005 | PL092659.D | delta-BHC               | Abdul     | 10/29/2024<br>9:08:13 AM | Ankita        | 10/29/2024<br>10:01:28 | Peak Integrated by Software |
| PSTDICC005 | PL092659.D | Heptachlor epoxide      | Abdul     | 10/29/2024<br>9:08:13 AM | Ankita        | 10/29/2024<br>10:01:28 | Peak Integrated by Software |
| PEM        | PL092674.D | 4,4"-DDD #2             | Abdul     | 10/29/2024<br>9:08:21 AM | Ankita        | 10/29/2024<br>10:01:31 | Peak Integrated by Software |
| PEM        | PL092674.D | 4,4"-DDE                | Abdul     | 10/29/2024<br>9:08:21 AM | Ankita        | 10/29/2024<br>10:01:31 | Peak Integrated by Software |
| PEM        | PL092674.D | 4,4"-DDE #2             | Abdul     | 10/29/2024<br>9:08:21 AM | Ankita        | 10/29/2024<br>10:01:31 | Peak Integrated by Software |
| PEM        | PL092674.D | Endrin ketone #2        | Abdul     | 10/29/2024<br>9:08:21 AM | Ankita        | 10/29/2024<br>10:01:31 | Peak Integrated by Software |
| PSTDCCC050 | PL092675.D | Aldrin                  | Abdul     | 10/29/2024<br>9:08:25 AM | Ankita        | 10/29/2024<br>10:01:33 | Peak Integrated by Software |
| PSTDCCC050 | PL092675.D | Dieldrin #2             | Abdul     | 10/29/2024<br>9:08:25 AM | Ankita        | 10/29/2024<br>10:01:33 | Peak Integrated by Software |
| PSTDCCC050 | PL092675.D | gamma-BHC (Lindane)     | Abdul     | 10/29/2024<br>9:08:25 AM | Ankita        | 10/29/2024<br>10:01:33 | Peak Integrated by Software |
| PSTDCCC050 | PL092675.D | Tetrachloro-m-xylene #2 | Abdul     | 10/29/2024<br>9:08:25 AM | Ankita        | 10/29/2024<br>10:01:33 | Peak Integrated by Software |
| I.BLK      | PL092690.D | Tetrachloro-m-xylene #2 | Abdul     | 10/29/2024<br>9:09:28 AM | Ankita        | 10/29/2024<br>10:02:09 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PL102824 | Instrument | ECD_I |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter          | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|------------|------------|--------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| PSTDCCC050 | PL092691.D | Endosulfan II #2   | Abdul     | 10/29/2024<br>9:09:32 AM | Ankita        | 10/29/2024<br>10:02:10 | Peak Integrated by Software |
| PSTDCCC050 | PL092691.D | gamma-Chlordane    | Abdul     | 10/29/2024<br>9:09:32 AM | Ankita        | 10/29/2024<br>10:02:10 | Peak Integrated by Software |
| PSTDCCC050 | PL092691.D | Heptachlor epoxide | Abdul     | 10/29/2024<br>9:09:32 AM | Ankita        | 10/29/2024<br>10:02:10 | Peak Integrated by Software |
| PSTDCCC050 | PL092691.D | Mirex #2           | Abdul     | 10/29/2024<br>9:09:32 AM | Ankita        | 10/29/2024<br>10:02:10 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PL111124 | Instrument | ECD_I |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter           | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|-------------|------------|---------------------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| PEM         | PL092942.D | 4,4"-DDE            | Abdul     | 11/12/2024<br>3:41:42 PM | Ankita        | 11/12/2024<br>4:01:16 | Peak Integrated by Software |
| PEM         | PL092942.D | 4,4"-DDE #2         | Abdul     | 11/12/2024<br>3:41:42 PM | Ankita        | 11/12/2024<br>4:01:16 | Peak Integrated by Software |
| I.BLK       | PL092959.D | Decachlorobiphenyl  | Abdul     | 11/12/2024<br>3:43:06 PM | Ankita        | 11/12/2024<br>4:01:32 | Peak Integrated by Software |
| PEM         | PL092972.D | 4,4"-DDE            | Abdul     | 11/12/2024<br>3:42:37 PM | Ankita        | 11/12/2024<br>4:01:39 | Peak Integrated by Software |
| PEM         | PL092972.D | 4,4"-DDE #2         | Abdul     | 11/12/2024<br>3:42:37 PM | Ankita        | 11/12/2024<br>4:01:39 | Peak Integrated by Software |
| P4718-03MS  | PL092984.D | gamma-BHC (Lindane) | Abdul     | 11/12/2024<br>3:40:45 PM | Ankita        | 11/12/2024<br>4:01:51 | Peak Integrated by Software |
| P4718-03MSD | PL092985.D | gamma-BHC (Lindane) | Abdul     | 11/12/2024<br>3:40:49 PM | Ankita        | 11/12/2024<br>4:01:53 | Peak Integrated by Software |
| PSTDCCC050  | PL092993.D | 4,4"-DDT            | Abdul     | 11/12/2024<br>3:40:57 PM | Ankita        | 11/12/2024<br>4:01:57 | Peak Integrated by Software |
| PSTDCCC050  | PL092993.D | Heptachlor epoxide  | Abdul     | 11/12/2024<br>3:40:57 PM | Ankita        | 11/12/2024<br>4:01:57 | Peak Integrated by Software |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL102824**

|                          |                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                   | Review On         | 10/29/2024 9:09:59 AM              |
| Supervise By             | Ankita                                                                                  | Supervise On      | 10/29/2024 10:02:30 AM             |
| SubDirectory             | PL102824                                                                                | HP Acquire Method | HP Processing Method pl102824 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                        |                   |                                    |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                                    |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                                    |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                         |                   |                                    |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                         |                   |                                    |
| LCS Standard             |                                                                                         |                   |                                    |

| Sr# | SampleId      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PL092651.D     | 28 Oct 2024 13:41 | AR\AJ    | Ok     |
| 2   | I.BLK         | PL092652.D     | 28 Oct 2024 13:55 | AR\AJ    | Ok     |
| 3   | PEM           | PL092653.D     | 28 Oct 2024 14:16 | AR\AJ    | Ok,M   |
| 4   | RESCHK        | PL092654.D     | 28 Oct 2024 14:29 | AR\AJ    | Ok     |
| 5   | PSTDICC100    | PL092655.D     | 28 Oct 2024 14:43 | AR\AJ    | Ok     |
| 6   | PSTDICC075    | PL092656.D     | 28 Oct 2024 14:56 | AR\AJ    | Ok     |
| 7   | PSTDICC050    | PL092657.D     | 28 Oct 2024 15:09 | AR\AJ    | Ok     |
| 8   | PSTDICC025    | PL092658.D     | 28 Oct 2024 15:23 | AR\AJ    | Ok     |
| 9   | PSTDICC005    | PL092659.D     | 28 Oct 2024 15:36 | AR\AJ    | Ok,M   |
| 10  | PCHLORICC1000 | PL092660.D     | 28 Oct 2024 15:49 | AR\AJ    | Ok     |
| 11  | PCHLORICC750  | PL092661.D     | 28 Oct 2024 16:03 | AR\AJ    | Ok     |
| 12  | PCHLORICC500  | PL092662.D     | 28 Oct 2024 16:16 | AR\AJ    | Ok     |
| 13  | PCHLORICC250  | PL092663.D     | 28 Oct 2024 16:30 | AR\AJ    | Ok     |
| 14  | PCHLORICC050  | PL092664.D     | 28 Oct 2024 16:43 | AR\AJ    | Ok     |
| 15  | PTOXICC1000   | PL092665.D     | 28 Oct 2024 16:56 | AR\AJ    | Ok     |
| 16  | PTOXICC750    | PL092666.D     | 28 Oct 2024 17:10 | AR\AJ    | Ok     |
| 17  | PTOXICC500    | PL092667.D     | 28 Oct 2024 17:23 | AR\AJ    | Ok     |
| 18  | PTOXICC250    | PL092668.D     | 28 Oct 2024 17:37 | AR\AJ    | Ok     |
| 19  | PTOXICC100    | PL092669.D     | 28 Oct 2024 17:50 | AR\AJ    | Ok,M   |
| 20  | PSTDICV050    | PL092670.D     | 28 Oct 2024 18:03 | AR\AJ    | Ok     |
| 21  | PCHLORICV500  | PL092671.D     | 28 Oct 2024 18:30 | AR\AJ    | Ok     |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL102824**

| Review By                | Abdul                                                                                   | Review On         | 10/29/2024 9:09:59 AM              |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | Ankita                                                                                  | Supervise On      | 10/29/2024 10:02:30 AM             |
| SubDirectory             | PL102824                                                                                | HP Acquire Method | HP Processing Method pl102824 8081 |
| STD. NAME                | STD REF.#                                                                               |                   |                                    |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                                    |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                                    |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                         |                   |                                    |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                         |                   |                                    |
| LCS Standard             |                                                                                         |                   |                                    |

|    |             |            |                   |       |      |
|----|-------------|------------|-------------------|-------|------|
| 22 | PTOXICV500  | PL092672.D | 28 Oct 2024 18:57 | AR\AJ | Ok   |
| 23 | I.BLK       | PL092673.D | 28 Oct 2024 19:24 | AR\AJ | Ok   |
| 24 | PEM         | PL092674.D | 28 Oct 2024 19:37 | AR\AJ | Ok,M |
| 25 | PSTDCCC050  | PL092675.D | 28 Oct 2024 19:51 | AR\AJ | Ok,M |
| 26 | PB164460BL  | PL092676.D | 28 Oct 2024 20:04 | AR\AJ | Ok,M |
| 27 | PB164460BS  | PL092677.D | 28 Oct 2024 20:17 | AR\AJ | Ok,M |
| 28 | P4575-01    | PL092678.D | 28 Oct 2024 20:31 | AR\AJ | Ok,M |
| 29 | P4566-01    | PL092679.D | 28 Oct 2024 20:44 | AR\AJ | Ok,M |
| 30 | P4567-01    | PL092680.D | 28 Oct 2024 20:57 | AR\AJ | Ok,M |
| 31 | P4567-05    | PL092681.D | 28 Oct 2024 21:11 | AR\AJ | Ok   |
| 32 | P4567-09    | PL092682.D | 28 Oct 2024 21:24 | AR\AJ | Ok,M |
| 33 | P4574-01    | PL092683.D | 28 Oct 2024 21:38 | AR\AJ | Ok,M |
| 34 | P4574-04    | PL092684.D | 28 Oct 2024 21:51 | AR\AJ | Ok,M |
| 35 | P4577-01    | PL092685.D | 28 Oct 2024 22:04 | AR\AJ | Ok,M |
| 36 | P4561-01    | PL092686.D | 28 Oct 2024 22:18 | AR\AJ | Ok,M |
| 37 | P4561-01MS  | PL092687.D | 28 Oct 2024 22:31 | AR\AJ | Ok,M |
| 38 | P4561-01MSD | PL092688.D | 28 Oct 2024 22:44 | AR\AJ | Ok,M |
| 39 | P4561-05    | PL092689.D | 28 Oct 2024 22:58 | AR\AJ | Ok,M |
| 40 | I.BLK       | PL092690.D | 28 Oct 2024 23:11 | AR\AJ | Ok,M |
| 41 | PSTDCCC050  | PL092691.D | 29 Oct 2024 00:32 | AR\AJ | Ok,M |

M : Manual Integration

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL111124**

|                          |                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                   | Review On         | 11/12/2024 3:43:42 PM              |
| Supervise By             | Ankita                                                                                  | Supervise On      | 11/12/2024 4:02:24 PM              |
| SubDirectory             | PL111124                                                                                | HP Acquire Method | HP Processing Method pl102824 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                        |                   |                                    |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                                    |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                                    |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                         |                   |                                    |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                         |                   |                                    |
| LCS Standard             |                                                                                         |                   |                                    |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | HEXANE      | PL092940.D     | 11 Nov 2024 09:21 | AR\AJ    | Ok     |
| 2   | I.BLK       | PL092941.D     | 11 Nov 2024 09:35 | AR\AJ    | Ok     |
| 3   | PEM         | PL092942.D     | 11 Nov 2024 09:49 | AR\AJ    | Ok,M   |
| 4   | PSTDCCC050  | PL092943.D     | 11 Nov 2024 11:58 | AR\AJ    | Ok     |
| 5   | PB164849BL  | PL092944.D     | 11 Nov 2024 12:12 | AR\AJ    | Ok     |
| 6   | PB164849BS  | PL092945.D     | 11 Nov 2024 12:26 | AR\AJ    | Ok     |
| 7   | PB164694TB  | PL092946.D     | 11 Nov 2024 12:40 | AR\AJ    | Ok     |
| 8   | PB164793TB  | PL092947.D     | 11 Nov 2024 12:54 | AR\AJ    | Ok     |
| 9   | P4660-03MS  | PL092948.D     | 11 Nov 2024 13:08 | AR\AJ    | Ok,M   |
| 10  | P4660-03MSD | PL092949.D     | 11 Nov 2024 13:26 | AR\AJ    | Ok,M   |
| 11  | P4738-02    | PL092950.D     | 11 Nov 2024 13:40 | AR\AJ    | Ok     |
| 12  | PB164859BL  | PL092951.D     | 11 Nov 2024 13:53 | AR\AJ    | Ok     |
| 13  | PB164859BS  | PL092952.D     | 11 Nov 2024 14:07 | AR\AJ    | Ok     |
| 14  | P4793-01    | PL092953.D     | 11 Nov 2024 14:21 | AR\AJ    | Not Ok |
| 15  | P4795-01    | PL092954.D     | 11 Nov 2024 14:35 | AR\AJ    | Ok,M   |
| 16  | P4796-01    | PL092955.D     | 11 Nov 2024 14:49 | AR\AJ    | Ok,M   |
| 17  | P4796-03    | PL092956.D     | 11 Nov 2024 15:03 | AR\AJ    | Ok,M   |
| 18  | P4796-05    | PL092957.D     | 11 Nov 2024 15:16 | AR\AJ    | Ok,M   |
| 19  | P4796-07    | PL092958.D     | 11 Nov 2024 15:30 | AR\AJ    | Ok,M   |
| 20  | I.BLK       | PL092959.D     | 11 Nov 2024 16:35 | AR\AJ    | Ok,M   |
| 21  | PSTDCCC050  | PL092960.D     | 11 Nov 2024 16:49 | AR\AJ    | Ok     |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL111124**

| Review By                | Abdul                                                                                   | Review On         | 11/12/2024 3:43:42 PM              |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | Ankita                                                                                  | Supervise On      | 11/12/2024 4:02:24 PM              |
| SubDirectory             | PL111124                                                                                | HP Acquire Method | HP Processing Method pl102824 8081 |
| STD. NAME                | STD REF.#                                                                               |                   |                                    |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                                    |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                                    |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                         |                   |                                    |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                         |                   |                                    |
| LCS Standard             |                                                                                         |                   |                                    |

|    |             |            |                   |       |        |
|----|-------------|------------|-------------------|-------|--------|
| 22 | PB164862BL  | PL092961.D | 11 Nov 2024 17:28 | AR\AJ | Ok     |
| 23 | PB164862BS  | PL092962.D | 11 Nov 2024 17:42 | AR\AJ | Ok     |
| 24 | PB164862BSD | PL092963.D | 11 Nov 2024 17:55 | AR\AJ | Ok     |
| 25 | P4791-02    | PL092964.D | 11 Nov 2024 18:09 | AR\AJ | Not Ok |
| 26 | P4792-04    | PL092965.D | 11 Nov 2024 18:23 | AR\AJ | Not Ok |
| 27 | P4796-07MS  | PL092966.D | 11 Nov 2024 18:37 | AR\AJ | Ok,M   |
| 28 | P4796-07MSD | PL092967.D | 11 Nov 2024 18:51 | AR\AJ | Ok,M   |
| 29 | PB164885BL  | PL092968.D | 11 Nov 2024 19:05 | AR\AJ | Ok     |
| 30 | PB164885BS  | PL092969.D | 11 Nov 2024 19:19 | AR\AJ | Ok     |
| 31 | PB164885TB  | PL092970.D | 11 Nov 2024 19:33 | AR\AJ | Ok     |
| 32 | I.BLK       | PL092971.D | 11 Nov 2024 19:46 | AR\AJ | Ok     |
| 33 | PEM         | PL092972.D | 11 Nov 2024 20:00 | AR\AJ | Ok,M   |
| 34 | PSTDCCC050  | PL092973.D | 11 Nov 2024 20:14 | AR\AJ | Ok     |
| 35 | P4722-05    | PL092974.D | 11 Nov 2024 20:42 | AR\AJ | Ok     |
| 36 | P4722-10    | PL092975.D | 11 Nov 2024 20:56 | AR\AJ | Ok     |
| 37 | P4722-15    | PL092976.D | 11 Nov 2024 21:10 | AR\AJ | Ok     |
| 38 | P4722-15MS  | PL092977.D | 11 Nov 2024 21:24 | AR\AJ | Ok,M   |
| 39 | P4722-15MSD | PL092978.D | 11 Nov 2024 21:37 | AR\AJ | Ok,M   |
| 40 | P4788-01    | PL092979.D | 11 Nov 2024 21:51 | AR\AJ | Ok,M   |
| 41 | P4789-01    | PL092980.D | 11 Nov 2024 22:05 | AR\AJ | Ok,M   |
| 42 | P4792-03    | PL092981.D | 11 Nov 2024 22:19 | AR\AJ | Ok,M   |
| 43 | P4798-01    | PL092982.D | 11 Nov 2024 22:33 | AR\AJ | Not Ok |
| 44 | P4718-03    | PL092983.D | 11 Nov 2024 22:47 | AR\AJ | Ok     |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL111124**

| Review By                | Abdul                                                                                   | Review On         | 11/12/2024 3:43:42 PM              |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | Ankita                                                                                  | Supervise On      | 11/12/2024 4:02:24 PM              |
| SubDirectory             | PL111124                                                                                | HP Acquire Method | HP Processing Method pl102824 8081 |
| STD. NAME                | STD REF.#                                                                               |                   |                                    |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                                    |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                                    |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                         |                   |                                    |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                         |                   |                                    |
| LCS Standard             |                                                                                         |                   |                                    |

|    |             |            |                   |       |      |
|----|-------------|------------|-------------------|-------|------|
| 45 | P4718-03MS  | PL092984.D | 11 Nov 2024 23:01 | AR\AJ | Ok,M |
| 46 | P4718-03MSD | PL092985.D | 11 Nov 2024 23:14 | AR\AJ | Ok,M |
| 47 | P4722-04    | PL092986.D | 11 Nov 2024 23:28 | AR\AJ | Ok   |
| 48 | P4722-09    | PL092987.D | 11 Nov 2024 23:42 | AR\AJ | Ok   |
| 49 | P4722-14    | PL092988.D | 11 Nov 2024 23:56 | AR\AJ | Ok   |
| 50 | P4732-02    | PL092989.D | 12 Nov 2024 00:10 | AR\AJ | Ok   |
| 51 | P4771-06    | PL092990.D | 12 Nov 2024 00:24 | AR\AJ | Ok,M |
| 52 | P4771-08    | PL092991.D | 12 Nov 2024 00:38 | AR\AJ | Ok   |
| 53 | I.BLK       | PL092992.D | 12 Nov 2024 00:52 | AR\AJ | Ok   |
| 54 | PSTDCCC050  | PL092993.D | 12 Nov 2024 01:06 | AR\AJ | Ok,M |

M : Manual Integration

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL102824**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 10/29/2024 9:09:59 AM              |
| Supervise By | Ankita   | Supervise On      | 10/29/2024 10:02:30 AM             |
| SubDirectory | PL102824 | HP Acquire Method | HP Processing Method pl102824 8081 |

| STD. NAME                | STD REF.#                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------|
| Tune/Reschk              | PP23793,PP23517                                                                         |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |
| CCC                      | PP23686,PP23690,PP23695                                                                 |
| Internal Standard/PEM    |                                                                                         |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |
| Surrogate Standard       |                                                                                         |
| MS/MSD Standard          |                                                                                         |
| LCS Standard             |                                                                                         |

| Sr# | SampleId      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE        | HEXANE        | PL092651.D     | 28 Oct 2024 13:41 |         | AR\AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PL092652.D     | 28 Oct 2024 13:55 |         | AR\AJ    | Ok     |
| 3   | PEM           | PEM           | PL092653.D     | 28 Oct 2024 14:16 |         | AR\AJ    | Ok,M   |
| 4   | RESCHK        | RESCHK        | PL092654.D     | 28 Oct 2024 14:29 |         | AR\AJ    | Ok     |
| 5   | PSTDICC100    | PSTDICC100    | PL092655.D     | 28 Oct 2024 14:43 |         | AR\AJ    | Ok     |
| 6   | PSTDICC075    | PSTDICC075    | PL092656.D     | 28 Oct 2024 14:56 |         | AR\AJ    | Ok     |
| 7   | PSTDICC050    | PSTDICC050    | PL092657.D     | 28 Oct 2024 15:09 |         | AR\AJ    | Ok     |
| 8   | PSTDICC025    | PSTDICC025    | PL092658.D     | 28 Oct 2024 15:23 |         | AR\AJ    | Ok     |
| 9   | PSTDICC005    | PSTDICC005    | PL092659.D     | 28 Oct 2024 15:36 |         | AR\AJ    | Ok,M   |
| 10  | PCHLORICC1000 | PCHLORICC1000 | PL092660.D     | 28 Oct 2024 15:49 |         | AR\AJ    | Ok     |
| 11  | PCHLORICC750  | PCHLORICC750  | PL092661.D     | 28 Oct 2024 16:03 |         | AR\AJ    | Ok     |
| 12  | PCHLORICC500  | PCHLORICC500  | PL092662.D     | 28 Oct 2024 16:16 |         | AR\AJ    | Ok     |
| 13  | PCHLORICC250  | PCHLORICC250  | PL092663.D     | 28 Oct 2024 16:30 |         | AR\AJ    | Ok     |
| 14  | PCHLORICC050  | PCHLORICC050  | PL092664.D     | 28 Oct 2024 16:43 |         | AR\AJ    | Ok     |
| 15  | PTOXICC1000   | PTOXICC1000   | PL092665.D     | 28 Oct 2024 16:56 |         | AR\AJ    | Ok     |
| 16  | PTOXICC750    | PTOXICC750    | PL092666.D     | 28 Oct 2024 17:10 |         | AR\AJ    | Ok     |
| 17  | PTOXICC500    | PTOXICC500    | PL092667.D     | 28 Oct 2024 17:23 |         | AR\AJ    | Ok     |
| 18  | PTOXICC250    | PTOXICC250    | PL092668.D     | 28 Oct 2024 17:37 |         | AR\AJ    | Ok     |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL102824**

| Review By                | Abdul                                                                                   | Review On         | 10/29/2024 9:09:59 AM  |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------|
| Supervise By             | Ankita                                                                                  | Supervise On      | 10/29/2024 10:02:30 AM |
| SubDirectory             | PL102824                                                                                | HP Acquire Method | HP Processing Method   |
|                          |                                                                                         |                   | pl102824 8081          |
| STD. NAME                | STD REF.#                                                                               |                   |                        |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                        |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                        |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                        |
| Internal Standard/PEM    |                                                                                         |                   |                        |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                        |
| Surrogate Standard       |                                                                                         |                   |                        |
| MS/MSD Standard          |                                                                                         |                   |                        |
| LCS Standard             |                                                                                         |                   |                        |

|    |              |                  |            |                   |  |       |      |
|----|--------------|------------------|------------|-------------------|--|-------|------|
| 19 | PTOXICC100   | PTOXICC100       | PL092669.D | 28 Oct 2024 17:50 |  | AR\AJ | Ok,M |
| 20 | PSTDICV050   | ICVPL102824      | PL092670.D | 28 Oct 2024 18:03 |  | AR\AJ | Ok   |
| 21 | PCHLORICV500 | ICVPL102824CHLOR | PL092671.D | 28 Oct 2024 18:30 |  | AR\AJ | Ok   |
| 22 | PTOXICV500   | ICVPL102824TOX   | PL092672.D | 28 Oct 2024 18:57 |  | AR\AJ | Ok   |
| 23 | I.BLK        | I.BLK            | PL092673.D | 28 Oct 2024 19:24 |  | AR\AJ | Ok   |
| 24 | PEM          | PEM              | PL092674.D | 28 Oct 2024 19:37 |  | AR\AJ | Ok,M |
| 25 | PSTDCCC050   | PSTDCCC050       | PL092675.D | 28 Oct 2024 19:51 |  | AR\AJ | Ok,M |
| 26 | PB164460BL   | PB164460BL       | PL092676.D | 28 Oct 2024 20:04 |  | AR\AJ | Ok,M |
| 27 | PB164460BS   | PB164460BS       | PL092677.D | 28 Oct 2024 20:17 |  | AR\AJ | Ok,M |
| 28 | P4575-01     | PL-02-102424     | PL092678.D | 28 Oct 2024 20:31 |  | AR\AJ | Ok,M |
| 29 | P4566-01     | HD-01-102524     | PL092679.D | 28 Oct 2024 20:44 |  | AR\AJ | Ok,M |
| 30 | P4567-01     | WC-1             | PL092680.D | 28 Oct 2024 20:57 |  | AR\AJ | Ok,M |
| 31 | P4567-05     | WC-2             | PL092681.D | 28 Oct 2024 21:11 |  | AR\AJ | Ok   |
| 32 | P4567-09     | WC-3             | PL092682.D | 28 Oct 2024 21:24 |  | AR\AJ | Ok,M |
| 33 | P4574-01     | GRAVEL-1         | PL092683.D | 28 Oct 2024 21:38 |  | AR\AJ | Ok,M |
| 34 | P4574-04     | GRAVEL-2         | PL092684.D | 28 Oct 2024 21:51 |  | AR\AJ | Ok,M |
| 35 | P4577-01     | TR-05-102524     | PL092685.D | 28 Oct 2024 22:04 |  | AR\AJ | Ok,M |
| 36 | P4561-01     | BP-F-19          | PL092686.D | 28 Oct 2024 22:18 |  | AR\AJ | Ok,M |
| 37 | P4561-01MS   | BP-F-19MS        | PL092687.D | 28 Oct 2024 22:31 |  | AR\AJ | Ok,M |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL102824**

| Review By                | Abdul                                                                                   | Review On         | 10/29/2024 9:09:59 AM              |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | Ankita                                                                                  | Supervise On      | 10/29/2024 10:02:30 AM             |
| SubDirectory             | PL102824                                                                                | HP Acquire Method | HP Processing Method pl102824 8081 |
| STD. NAME                | STD REF.#                                                                               |                   |                                    |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                                    |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                                    |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                         |                   |                                    |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                         |                   |                                    |
| LCS Standard             |                                                                                         |                   |                                    |

|    |             |            |            |                   |  |       |      |
|----|-------------|------------|------------|-------------------|--|-------|------|
| 38 | P4561-01MSD | BP-F-19MSD | PL092688.D | 28 Oct 2024 22:44 |  | AR\AJ | Ok,M |
| 39 | P4561-05    | BP-F-18    | PL092689.D | 28 Oct 2024 22:58 |  | AR\AJ | Ok,M |
| 40 | I.BLK       | I.BLK      | PL092690.D | 28 Oct 2024 23:11 |  | AR\AJ | Ok,M |
| 41 | PSTDCCC050  | PSTDCCC050 | PL092691.D | 29 Oct 2024 00:32 |  | AR\AJ | Ok,M |

M : Manual Integration

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL111124**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 11/12/2024 3:43:42 PM              |
| Supervise By | Ankita   | Supervise On      | 11/12/2024 4:02:24 PM              |
| SubDirectory | PL111124 | HP Acquire Method | HP Processing Method pl102824 8081 |

| STD. NAME                | STD REF.#                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------|
| Tune/Reschk              | PP23793,PP23517                                                                         |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |
| CCC                      | PP23686,PP23690,PP23695                                                                 |
| Internal Standard/PEM    |                                                                                         |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |
| Surrogate Standard       |                                                                                         |
| MS/MSD Standard          |                                                                                         |
| LCS Standard             |                                                                                         |

| Sr# | SampleID    | ClientID       | Data File Name | Date-Time         | Comment                       | Operator | Status |
|-----|-------------|----------------|----------------|-------------------|-------------------------------|----------|--------|
| 1   | HEXANE      | HEXANE         | PL092940.D     | 11 Nov 2024 09:21 |                               | AR\AJ    | Ok     |
| 2   | I.BLK       | I.BLK          | PL092941.D     | 11 Nov 2024 09:35 |                               | AR\AJ    | Ok     |
| 3   | PEM         | PEM            | PL092942.D     | 11 Nov 2024 09:49 |                               | AR\AJ    | Ok,M   |
| 4   | PSTDCCC050  | PSTDCCC050     | PL092943.D     | 11 Nov 2024 11:58 |                               | AR\AJ    | Ok     |
| 5   | PB164849BL  | PB164849BL     | PL092944.D     | 11 Nov 2024 12:12 |                               | AR\AJ    | Ok     |
| 6   | PB164849BS  | PB164849BS     | PL092945.D     | 11 Nov 2024 12:26 |                               | AR\AJ    | Ok     |
| 7   | PB164694TB  | PB164694TB     | PL092946.D     | 11 Nov 2024 12:40 |                               | AR\AJ    | Ok     |
| 8   | PB164793TB  | PB164793TB     | PL092947.D     | 11 Nov 2024 12:54 |                               | AR\AJ    | Ok     |
| 9   | P4660-03MS  | WC-TA2-01-CMS  | PL092948.D     | 11 Nov 2024 13:08 |                               | AR\AJ    | Ok,M   |
| 10  | P4660-03MSD | WC-TA2-01-CMSD | PL092949.D     | 11 Nov 2024 13:26 |                               | AR\AJ    | Ok,M   |
| 11  | P4738-02    | 72-12018       | PL092950.D     | 11 Nov 2024 13:40 |                               | AR\AJ    | Ok     |
| 12  | PB164859BL  | PB164859BL     | PL092951.D     | 11 Nov 2024 13:53 |                               | AR\AJ    | Ok     |
| 13  | PB164859BS  | PB164859BS     | PL092952.D     | 11 Nov 2024 14:07 |                               | AR\AJ    | Ok     |
| 14  | P4793-01    | M00-24-00345   | PL092953.D     | 11 Nov 2024 14:21 | F flag is coming in surrogate | AR\AJ    | Not Ok |
| 15  | P4795-01    | LAW-23-00189   | PL092954.D     | 11 Nov 2024 14:35 |                               | AR\AJ    | Ok,M   |
| 16  | P4796-01    | TP-1           | PL092955.D     | 11 Nov 2024 14:49 |                               | AR\AJ    | Ok,M   |
| 17  | P4796-03    | TP-2           | PL092956.D     | 11 Nov 2024 15:03 |                               | AR\AJ    | Ok,M   |
| 18  | P4796-05    | TP-3           | PL092957.D     | 11 Nov 2024 15:16 |                               | AR\AJ    | Ok,M   |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL111124**

| Review By                | Abdul                                                                                   | Review On         | 11/12/2024 3:43:42 PM              |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | Ankita                                                                                  | Supervise On      | 11/12/2024 4:02:24 PM              |
| SubDirectory             | PL111124                                                                                | HP Acquire Method | HP Processing Method pl102824 8081 |
| STD. NAME                | STD REF.#                                                                               |                   |                                    |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                                    |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                                    |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                         |                   |                                    |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                         |                   |                                    |
| LCS Standard             |                                                                                         |                   |                                    |

|    |             |                   |            |                   |                               |       |        |
|----|-------------|-------------------|------------|-------------------|-------------------------------|-------|--------|
| 19 | P4796-07    | TP-4              | PL092958.D | 11 Nov 2024 15:30 |                               | AR\AJ | Ok,M   |
| 20 | I.BLK       | I.BLK             | PL092959.D | 11 Nov 2024 16:35 |                               | AR\AJ | Ok,M   |
| 21 | PSTDCCC050  | PSTDCCC050        | PL092960.D | 11 Nov 2024 16:49 |                               | AR\AJ | Ok     |
| 22 | PB164862BL  | PB164862BL        | PL092961.D | 11 Nov 2024 17:28 |                               | AR\AJ | Ok     |
| 23 | PB164862BS  | PB164862BS        | PL092962.D | 11 Nov 2024 17:42 |                               | AR\AJ | Ok     |
| 24 | PB164862BSD | PB164862BSD       | PL092963.D | 11 Nov 2024 17:55 |                               | AR\AJ | Ok     |
| 25 | P4791-02    | HINCHMAN-OILY-WAT | PL092964.D | 11 Nov 2024 18:09 | Surrogate Fail in both column | AR\AJ | Not Ok |
| 26 | P4792-04    | MANHOLE-WASTE-DR  | PL092965.D | 11 Nov 2024 18:23 | Surrogate Fail in both column | AR\AJ | Not Ok |
| 27 | P4796-07MS  | TP-4MS            | PL092966.D | 11 Nov 2024 18:37 |                               | AR\AJ | Ok,M   |
| 28 | P4796-07MSD | TP-4MSD           | PL092967.D | 11 Nov 2024 18:51 | RPD Fail in some compound     | AR\AJ | Ok,M   |
| 29 | PB164885BL  | PB164885BL        | PL092968.D | 11 Nov 2024 19:05 |                               | AR\AJ | Ok     |
| 30 | PB164885BS  | PB164885BS        | PL092969.D | 11 Nov 2024 19:19 |                               | AR\AJ | Ok     |
| 31 | PB164885TB  | PB164885TB        | PL092970.D | 11 Nov 2024 19:33 |                               | AR\AJ | Ok     |
| 32 | I.BLK       | I.BLK             | PL092971.D | 11 Nov 2024 19:46 |                               | AR\AJ | Ok     |
| 33 | PEM         | PEM               | PL092972.D | 11 Nov 2024 20:00 |                               | AR\AJ | Ok,M   |
| 34 | PSTDCCC050  | PSTDCCC050        | PL092973.D | 11 Nov 2024 20:14 |                               | AR\AJ | Ok     |
| 35 | P4722-05    | WC-1(0-6)         | PL092974.D | 11 Nov 2024 20:42 |                               | AR\AJ | Ok     |
| 36 | P4722-10    | WC-2(0-6)         | PL092975.D | 11 Nov 2024 20:56 |                               | AR\AJ | Ok     |
| 37 | P4722-15    | WC-3(0-6)         | PL092976.D | 11 Nov 2024 21:10 |                               | AR\AJ | Ok     |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL111124**

| Review By                | Abdul                                                                                   | Review On         | 11/12/2024 3:43:42 PM              |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | Ankita                                                                                  | Supervise On      | 11/12/2024 4:02:24 PM              |
| SubDirectory             | PL111124                                                                                | HP Acquire Method | HP Processing Method pl102824 8081 |
| STD. NAME                | STD REF.#                                                                               |                   |                                    |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                                    |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                                    |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                         |                   |                                    |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                         |                   |                                    |
| LCS Standard             |                                                                                         |                   |                                    |

|    |             |                 |            |                   |                                            |       |        |
|----|-------------|-----------------|------------|-------------------|--------------------------------------------|-------|--------|
| 38 | P4722-15MS  | WC-3(0-6)MS     | PL092977.D | 11 Nov 2024 21:24 |                                            | AR\AJ | Ok,M   |
| 39 | P4722-15MSD | WC-3(0-6)MSD    | PL092978.D | 11 Nov 2024 21:37 |                                            | AR\AJ | Ok,M   |
| 40 | P4788-01    | BP-G3           | PL092979.D | 11 Nov 2024 21:51 |                                            | AR\AJ | Ok,M   |
| 41 | P4789-01    | BP-F21          | PL092980.D | 11 Nov 2024 22:05 |                                            | AR\AJ | Ok,M   |
| 42 | P4792-03    | OILY-STONE-DRUM | PL092981.D | 11 Nov 2024 22:19 |                                            | AR\AJ | Ok,M   |
| 43 | P4798-01    | MH-6            | PL092982.D | 11 Nov 2024 22:33 | F flag is coming in surrogate, Already run | AR\AJ | Not Ok |
| 44 | P4718-03    | WB-307-SB02     | PL092983.D | 11 Nov 2024 22:47 |                                            | AR\AJ | Ok     |
| 45 | P4718-03MS  | WB-307-SB02MS   | PL092984.D | 11 Nov 2024 23:01 |                                            | AR\AJ | Ok,M   |
| 46 | P4718-03MSD | WB-307-SB02MSD  | PL092985.D | 11 Nov 2024 23:14 |                                            | AR\AJ | Ok,M   |
| 47 | P4722-04    | WC-1(0-6)       | PL092986.D | 11 Nov 2024 23:28 |                                            | AR\AJ | Ok     |
| 48 | P4722-09    | WC-2(0-6)       | PL092987.D | 11 Nov 2024 23:42 |                                            | AR\AJ | Ok     |
| 49 | P4722-14    | WC-3(0-6)       | PL092988.D | 11 Nov 2024 23:56 |                                            | AR\AJ | Ok     |
| 50 | P4732-02    | PPE-COMP        | PL092989.D | 12 Nov 2024 00:10 |                                            | AR\AJ | Ok     |
| 51 | P4771-06    | P-1             | PL092990.D | 12 Nov 2024 00:24 |                                            | AR\AJ | Ok,M   |
| 52 | P4771-08    | P-2             | PL092991.D | 12 Nov 2024 00:38 |                                            | AR\AJ | Ok     |
| 53 | I.BLK       | I.BLK           | PL092992.D | 12 Nov 2024 00:52 |                                            | AR\AJ | Ok     |
| 54 | PSTDCCC050  | PSTDCCC050      | PL092993.D | 12 Nov 2024 01:06 |                                            | AR\AJ | Ok,M   |

M : Manual Integration

|                         |               |                                    |                    |               |       |
|-------------------------|---------------|------------------------------------|--------------------|---------------|-------|
| <b>SOP ID :</b>         | M1311-TCLP-15 | <b>Start Prep Date :</b>           | 11/06/2024         | <b>Time :</b> | 16:45 |
| <b>SDG No :</b>         | N/A           | <b>End Prep Date :</b>             | 11/07/2024         | <b>Time :</b> | 09:35 |
| <b>Welgh By :</b>       | JP            | <b>Combination Ratio :</b>         | 20                 |               |       |
| <b>Balance ID :</b>     | WC SC-4       | <b>ZHE Cleaning Batch :</b>        | N/A                |               |       |
| <b>pH Meter ID :</b>    | WC PH METER-1 | <b>Initial Room Temperature:</b>   | 24 °C              |               |       |
| <b>Extraction By :</b>  | JP            | <b>Final Room Temperature:</b>     | 23 °C              |               |       |
| <b>Filter By :</b>      | JP            | <b>TCLP Technician Signature :</b> | <i>[Signature]</i> |               |       |
| <b>Pippete ID :</b>     | WC            | <b>Supervisor By :</b>             | <i>[Signature]</i> |               |       |
| <b>Tumbler ID :</b>     | T-1 / T-2     |                                    |                    |               |       |
| <b>TCLP Filter ID :</b> | 114771        |                                    |                    |               |       |

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| 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                 |

| Chemical Used        | ML/SAMPLE U | Lot Number                          |
|----------------------|-------------|-------------------------------------|
| TCLP-FLUID-1         | N/A         | WP108622                            |
| HCL-TCLP,1N          | N/A         | WP108584                            |
| HNO3-TCLP,1N         | N/A         | WP108585                            |
| pH Strips            | N/A         | W1931,W1934,W2350,W2755             |
| pH Strips            | N/A         | W1937,W1938,W1939,W1940,W1941,W1942 |
| 1 Liter Amber        | N/A         | 23091                               |
| 120ml Plastic bottle | N/A         | 21029                               |
| 1:1 HNO3             | MP81119     | N/A                                 |

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

Matrix spikes are added after fiftation and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. p4718-03 is used for MS-MSD. Particle size reduction is not required.

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location              |
|----------------|-----------------------------------------|-----------------------------------|
| 11/07/24 11:00 | <i>[Signature]</i> Prep Group           | <i>[Signature]</i> Analysis Group |

| Sample ID  | ClientID         | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|------------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| P4718-03   | WB-307-SB02      | 01             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 6.0               | 1.5                     | T-1      |
| P4719-03   | BAYAVE-STOCKPILE | 02             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.5                     | T-1      |
| P4720-05   | JC-701-COMP-01   | 03             | 100.04        | 2000                            | N/A          | N/A            | N/A             | 3.5               | 1.0                     | T-1      |
| P4722-04   | WC-1(0-6)        | 04             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.5                     | T-1      |
| P4722-09   | WC-2(0-6)        | 05             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 7.0               | 1.0                     | T-1      |
| P4722-14   | WC-3(0-6)        | 06             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 6.2               | 1.5                     | T-1      |
| P4732-02   | PPE-COMP         | 07             | 100.00        | 2000                            | N/A          | N/A            | N/A             | 6.0               | 1.0                     | T-1      |
| P4738-02   | 72-12018         | 08             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 4.5               | 1.5                     | T-1      |
| P4739-04   | TP-14            | 09             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.0                     | T-1      |
| P4739-08   | BP-G2            | 10             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.6               | 1.5                     | T-1      |
| P4739-12   | BP-B2            | 11             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.0                     | T-2      |
| P4739-16   | TP-11            | 12             | 100.04        | 2000                            | N/A          | N/A            | N/A             | 8.2               | 1.5                     | T-2      |
| PB164694TB | LEB694           | 13             | N/A           | 2000                            | N/A          | N/A            | N/A             | 4.94              | 1.0                     | T-2      |

| SampleID   | ClientID         | Sample Weight (g) | Filter Weight (g) | Filtrate (mL) | Filter + Solid (After 100°C) | % solids | % Dry Solids |
|------------|------------------|-------------------|-------------------|---------------|------------------------------|----------|--------------|
| P4718-03   | WB-307-SB02      | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4719-03   | BAYAVE-STOCKPILE | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4720-05   | JC-701-COMP-01   | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4722-04   | WC-1(0-6)        | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4722-09   | WC-2(0-6)        | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4722-14   | WC-3(0-6)        | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4732-02   | PPE-COMP         | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4738-02   | 72-12018         | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4739-04   | TP-14            | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4739-08   | BP-G2            | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4739-12   | BP-B2            | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4739-16   | TP-11            | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| PB164694TB | LEB694           | N/A               | N/A               | N/A           | N/A                          | N/A      | N/A          |

Hot Block ID : WC S-1 /WC S-2

Thermometer ID : FLASHPOINT

| SampleID   | ClientID         | Sample Weight (g) | Volume DI Water (mL) | PH after 5 min stir | PH after 10 min stir | Extraction Fluid 1 or 2 | pH Extraction Fluid |
|------------|------------------|-------------------|----------------------|---------------------|----------------------|-------------------------|---------------------|
| P4718-03   | WB-307-SB02      | 5.02              | 96.5                 | 8.4                 | 3.0                  | #1                      | 4.94                |
| P4719-03   | BAYAVE-STOCKPILE | 5.01              | 96.5                 | 8.4                 | 3.0                  | #1                      | 4.94                |
| P4720-05   | JC-701-COMP-01   | 5.02              | 96.5                 | 6.0                 | 2.0                  | #1                      | 4.94                |
| P4722-04   | WC-1(0-6)        | 5.03              | 96.5                 | 9.4                 | 4.0                  | #1                      | 4.94                |
| P4722-09   | WC-2(0-6)        | 5.02              | 96.5                 | 9.0                 | 3.5                  | #1                      | 4.94                |
| P4722-14   | WC-3(0-6)        | 5.01              | 96.5                 | 8.6                 | 3.5                  | #1                      | 4.94                |
| P4732-02   | PPE-COMP         | 5.00              | 96.5                 | 8.4                 | 3.0                  | #1                      | 4.94                |
| P4738-02   | 72-12018         | 5.02              | 96.5                 | 7.0                 | 2.5                  | #1                      | 4.94                |
| P4739-04   | TP-14            | 5.03              | 96.5                 | 7.2                 | 2.5                  | #1                      | 4.94                |
| P4739-08   | BP-G2            | 5.04              | 96.5                 | 8.0                 | 3.0                  | #1                      | 4.94                |
| P4739-12   | BP-B2            | 5.02              | 96.5                 | 7.6                 | 2.5                  | #1                      | 4.94                |
| P4739-16   | TP-11            | 5.01              | 96.5                 | 10.0                | 4.0                  | #1                      | 4.94                |
| PB164694TB | LEB694           | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.94                |

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp p4719      WorkList ID : 185149      Department : TCLP Extraction      Date : 11-06-2024 07:55:14

| Sample   | Customer Sample  | Matrix | Test            | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|------------------|--------|-----------------|--------------|----------|-----------------------------|--------------|--------|
| P4718-03 | WB-307-SB02      | Solid  | TCLP Extraction | Cool 4 deg C | PORT06   | L21                         | 11/04/2024   | 1311   |
| P4719-03 | BAYAVE-STOCKPILE | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | K21                         | 11/05/2024   | 1311   |
| P4720-05 | JC-701-COMP-01   | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | K31                         | 11/05/2024   | 1311   |
| P4722-04 | WC-1(0-6)        | Solid  | TCLP Extraction | Cool 4 deg C | WALS01   | L23                         | 11/05/2024   | 1311   |
| P4722-09 | WC-2(0-6)        | Solid  | TCLP Extraction | Cool 4 deg C | WALS01   | L23                         | 11/05/2024   | 1311   |
| P4722-14 | WC-3(0-6)        | Solid  | TCLP Extraction | Cool 4 deg C | WALS01   | L23                         | 11/05/2024   | 1311   |
| P4732-02 | PPE-COMP         | Solid  | TCLP Extraction | Cool 4 deg C | FUR101   | L11                         | 11/06/2024   | 1311   |
| P4738-02 | 72-12018         | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L23                         | 11/06/2024   | 1311   |
| P4739-04 | TP-14            | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L21                         | 11/06/2024   | 1311   |
| P4739-08 | BP-G2            | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L21                         | 11/06/2024   | 1311   |
| P4739-12 | BP-B2            | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L21                         | 11/06/2024   | 1311   |
| P4739-16 | TP-11            | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L21                         | 11/06/2024   | 1311   |

Date/Time 11/06/24 16:10  
 Raw Sample Received by: SO GUY  
 Raw Sample Relinquished by: SO GUY

Date/Time 11/06/24 18:00  
 Raw Sample Received by: SO GUY  
 Raw Sample Relinquished by: SO GUY

**SOP ID:** M3541-ASE Extraction-14

**Clean Up SOP #:** N/A

**Matrix :** Water

**Weigh By:** N/A **Extraction By:** RS

**Balance check:** N/A **Filter By:** RS

**Balance ID:** N/A **pH Meter ID:** N/A

**pH Strip Lot#:** N/A **Hood ID:** 4,5,6,7

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

**Extraction Start Date :** 11/10/2024

**Extraction Start Time :** 08:44

**Extraction End Date :** 11/10/2024

**Extraction End Time :** 13:40

**Concentration By:** EH

**Supervisor By :** rajesh

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 500 PPB             | PP23928             |
| Surrogate     | 1.0ML    | 200 PPB             | PP23858             |
| 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            | E3828      |
| Baked Na2SO4       | N/A            | EP2556     |
| Hexane             | N/A            | E3826      |
| 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        |
| N/A                | N/A            | N/A        |

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

40 ML Vial lot# 03-40 BTS721.

**KD Bath ID:** Water bath -01,02 **Envap ID:** NEVAP-02

**KD Bath Temperature:** 60 °C **Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 11/11/24    | RP (Set 24)                             | R. Post/PCB Lab      |
| 9:15        | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 11/10/2024

| Sample ID       | Client Sample ID | Test           | g / mL | PH | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|------------------|----------------|--------|----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                  |                |        |    | AddedBy        | VerifiedBy |                    |       |          |             |
| PB164694TB      | PB164694TB       | TCLP Pesticide | 100    | 6  | RUPEsh         | rajesh     | 10                 |       |          | SEP-01      |
| PB164793TB      | PB164793TB       | TCLP Pesticide | 100    | 6  | RUPEsh         | rajesh     | 10                 |       |          | 2           |
| PB164849BL      | PBLK849          | TCLP Pesticide | 1000   | 6  | RUPEsh         | rajesh     | 10                 |       |          | 3           |
| PB164849BS      | PLCS849          | TCLP Pesticide | 1000   | 6  | RUPEsh         | rajesh     | 10                 |       |          | 4           |
| P4718-03        | WB-307-SB02      | TCLP Pesticide | 100    | 6  | RUPEsh         | rajesh     | 10                 | A     |          | 5           |
| P4718-03MS      | WB-307-SB02MS    | TCLP Pesticide | 100    | 6  | RUPEsh         | rajesh     | 10                 | A     |          | 6           |
| P4718-03MS<br>D | WB-307-SB02MSD   | TCLP Pesticide | 100    | 6  | RUPEsh         | rajesh     | 10                 | A     |          | 7           |
| P4722-04        | WC-1(0-6)        | TCLP Pesticide | 100    | 6  | RUPEsh         | rajesh     | 10                 | A     |          | 8           |
| P4722-09        | WC-2(0-6)        | TCLP Pesticide | 100    | 6  | RUPEsh         | rajesh     | 10                 | A     |          | 9           |
| P4722-14        | WC-3(0-6)        | TCLP Pesticide | 100    | 6  | RUPEsh         | rajesh     | 10                 | A     |          | 10          |
| P4732-02        | PPE-COMP         | TCLP Pesticide | 100    | 6  | RUPEsh         | rajesh     | 10                 | A     |          | 11          |
| P4738-02        | 72-12018         | TCLP Pesticide | 100    | 6  | RUPEsh         | rajesh     | 10                 | A     |          | 12          |
| P4771-06        | P-1              | TCLP Pesticide | 100    | 6  | RUPEsh         | rajesh     | 10                 | A     |          | 13          |
| P4771-08        | P-2              | TCLP Pesticide | 100    | 6  | RUPEsh         | rajesh     | 10                 | A     |          | 14          |

\* Extracts relinquished on the same date as received.

  
11/10/24

TCLP EXTRACTION LOGPAGE

PB164793

| Sample ID  | ClientID        | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Pre Pos |
|------------|-----------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|---------|
| P4756-04   | BP-B4           | 01             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.5               | 1.5                     | T-1     |
| P4771-06   | P-1             | 02             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.6               | 1.0                     | T-1     |
| P4771-08   | P-2             | 03             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.5                     | T-1     |
| P4788-04   | BP-G3           | 04             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.0                     | T-1     |
| P4789-04   | BP-F21          | 05             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.6               | 1.5                     | T-1     |
| P4792-01   | DIESELE-DRUM    | 06             | 100.04        | 2000                            | N/A          | N/A            | N/A             | 7.0               | 1.0                     | T-1     |
| P4792-06   | OILY-STONE-DRUM | 07             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 4.5               | 1.5                     | T-1     |
| P4793-02   | M00-24-00345    | 08             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 3.0               | 1.5                     | T-1     |
| P4795-02   | LAW-23-00189    | 09             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 3.5               | 1.0                     | T-1     |
| P4798-04   | MH-6            | 10             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.5                     | T-1     |
| PB164793TB | LEB793          | 11             | N/A           | 2000                            | N/A          | N/A            | N/A             | 4.94              | 1.0                     | T-1     |

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| Sample ID  | ClientID  | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|-----------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| P4722-05   | WC-1(0-6) | 11             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.5                     | T-2      |
| P4722-10   | WC-2(0-6) | 12             | 100.04        | 2000                            | N/A          | N/A            | N/A             | 7.0               | 1.0                     | T-2      |
| P4722-15   | WC-3(0-6) | 13             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.5                     | T-2      |
| PB164792TB | LEB792    | 14             | N/A           | 2000                            | N/A          | N/A            | N/A             | 4.24              | 1.0                     | T-2      |

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11:30

## LAB CHRONICLE

|                 |                             |                   |                                        |
|-----------------|-----------------------------|-------------------|----------------------------------------|
| <b>OrderID:</b> | P4718                       | <b>OrderDate:</b> | 11/5/2024 1:31:00 PM                   |
| <b>Client:</b>  | Portal Partners Tri-Venture | <b>Project:</b>   | Amtrak Sawtooth Bridges 2024           |
| <b>Contact:</b> | Joseph Krupansky            | <b>Location:</b>  | L21,VOA Ref. #2 Soil,VOA Ref. #3 Water |

| LabID    | ClientID    | Matrix | Test           | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|-------------|--------|----------------|--------|-------------|-----------|-----------|----------|
| P4718-01 | WB-307-SB01 | SOIL   | PCB            | 8082A  | 11/04/24    | 11/06/24  | 11/06/24  | 11/05/24 |
|          |             |        | EPH            | NJEPH  |             | 11/08/24  | 11/08/24  |          |
| P4718-02 | WB-307-SB02 | SOIL   | PCB            | 8082A  | 11/04/24    | 11/06/24  | 11/06/24  | 11/05/24 |
|          |             |        | EPH            | NJEPH  |             | 11/08/24  | 11/08/24  |          |
| P4718-03 | WB-307-SB02 | TCLP   | TCLP Herbicide | 8151A  | 11/04/24    | 11/10/24  | 11/12/24  | 11/05/24 |
|          |             |        | TCLP Pesticide | 8081B  |             | 11/10/24  | 11/11/24  |          |
| P4718-04 | WB-307-SW   | WATER  | PCB            | 8082A  | 11/04/24    | 11/06/24  | 11/06/24  | 11/05/24 |
|          |             |        | EPH            | NJEPH  |             | 11/09/24  | 11/11/24  |          |