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Hit Summary Sheet  
SW-846

|                      |                                     |        |           |               |             |                                     |     |       |  |
|----------------------|-------------------------------------|--------|-----------|---------------|-------------|-------------------------------------|-----|-------|--|
| SDG No.:             | Q2393                               |        |           |               | Order ID:   | Q2393                               |     |       |  |
| Client:              | Union Paving & Construction Company |        |           |               | Project ID: | 190 Park Ave Hanover Twp NJ - PO 24 |     |       |  |
| Sample ID            | Client ID                           | Matrix | Parameter | Concentration | C           | MDL                                 | RDL | Units |  |
| Client ID :          |                                     |        |           |               |             |                                     |     |       |  |
| Total Concentration: |                                     |        |           | 0.000         |             |                                     |     |       |  |



# SAMPLE DATA

## Report of Analysis

|                    |                                           |                    |          |
|--------------------|-------------------------------------------|--------------------|----------|
| Client:            | Union Paving & Construction Company       | Date Collected:    | 06/23/25 |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 | Date Received:     | 06/23/25 |
| Client Sample ID:  | PARK AVE -1                               | SDG No.:           | Q2393    |
| Lab Sample ID:     | Q2393-01                                  | Matrix:            | SOIL     |
| Analytical Method: | 8082A                                     | % Solid:           | 83.3     |
| Sample Wt/Vol:     | 30.05                                     | Units:             | g        |
| Soil Aliquot Vol:  |                                           |                    | uL       |
| Extraction Type:   |                                           | Test:              | PCB      |
| GPC Factor :       | 1.0                                       | PH :               |          |
| Prep Method :      | SW3541B                                   | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073241.D        | 1         | 06/25/25 08:45 | 06/25/25 14:20 | PB168607      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.70  | U         | 4.70     | 20.4       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.80  | U         | 4.80     | 20.4       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.50  | U         | 4.50     | 20.4       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.80  | U         | 4.80     | 20.4       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 7.10  | U         | 7.10     | 20.4       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.80  | U         | 3.80     | 20.4       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 6.00  | U         | 6.00     | 20.4       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.30  | U         | 4.30     | 20.4       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.90  | U         | 3.90     | 20.4       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.1  |           | 32 - 144 | 101%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 20.3  |           | 32 - 175 | 101%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

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

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N = Presumptive Evidence of a Compound

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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:            | Union Paving & Construction Company       | Date Collected:    | 06/23/25 |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 | Date Received:     | 06/23/25 |
| Client Sample ID:  | PARK AVE -2                               | SDG No.:           | Q2393    |
| Lab Sample ID:     | Q2393-03                                  | Matrix:            | SOIL     |
| Analytical Method: | 8082A                                     | % Solid:           | 83.5     |
| Sample Wt/Vol:     | 30.02                                     | Units:             | g        |
| Soil Aliquot Vol:  |                                           |                    | uL       |
| Extraction Type:   |                                           | Test:              | PCB      |
| GPC Factor :       | 1.0                                       | PH :               |          |
| Prep Method :      | SW3541B                                   | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073242.D        | 1         | 06/25/25 08:45 | 06/25/25 14:37 | PB168607      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.70  | U         | 4.70     | 20.3       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.80  | U         | 4.80     | 20.3       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.50  | U         | 4.50     | 20.3       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.80  | U         | 4.80     | 20.3       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 7.10  | U         | 7.10     | 20.3       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.80  | U         | 3.80     | 20.3       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 6.00  | U         | 6.00     | 20.3       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.30  | U         | 4.30     | 20.3       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.90  | U         | 3.90     | 20.3       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.1  |           | 32 - 144 | 95%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 18.1  |           | 32 - 175 | 90%        | SPK: 20           |

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## Report of Analysis

|                    |                                           |                    |          |
|--------------------|-------------------------------------------|--------------------|----------|
| Client:            | Union Paving & Construction Company       | Date Collected:    | 06/23/25 |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 | Date Received:     | 06/23/25 |
| Client Sample ID:  | PARK AVE -3                               | SDG No.:           | Q2393    |
| Lab Sample ID:     | Q2393-05                                  | Matrix:            | SOIL     |
| Analytical Method: | 8082A                                     | % Solid:           | 86.6     |
| Sample Wt/Vol:     | 30.06                                     | Units:             | g        |
| Soil Aliquot Vol:  |                                           |                    | uL       |
| Extraction Type:   |                                           | Test:              | PCB      |
| GPC Factor :       | 1.0                                       | PH :               |          |
| Prep Method :      | SW3541B                                   | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073243.D        | 1         | 06/25/25 08:45 | 06/25/25 14:53 | PB168607      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.60  | U         | 4.60     | 19.6       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.60  | U         | 4.60     | 19.6       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.30  | U         | 4.30     | 19.6       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.60  | U         | 4.60     | 19.6       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.80  | U         | 6.80     | 19.6       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.70  | U         | 3.70     | 19.6       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.80  | U         | 5.80     | 19.6       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.10  | U         | 4.10     | 19.6       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.70  | U         | 3.70     | 19.6       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 17.5  |           | 32 - 144 | 88%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 17.4  |           | 32 - 175 | 87%        | SPK: 20           |

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## Report of Analysis

|                    |                                           |          |                    |          |           |
|--------------------|-------------------------------------------|----------|--------------------|----------|-----------|
| Client:            | Union Paving & Construction Company       |          | Date Collected:    | 06/23/25 |           |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 |          | Date Received:     | 06/23/25 |           |
| Client Sample ID:  | PARK AVE -4                               |          | SDG No.:           | Q2393    |           |
| Lab Sample ID:     | Q2393-07                                  |          | Matrix:            | SOIL     |           |
| Analytical Method: | 8082A                                     |          | % Solid:           | 87.7     | Decanted: |
| Sample Wt/Vol:     | 30.03                                     | Units: g | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                                           | uL       | Test:              | PCB      |           |
| Extraction Type:   |                                           |          | Injection Volume : |          |           |
| GPC Factor :       | 1.0                                       | PH :     |                    |          |           |
| Prep Method :      | SW3541B                                   |          |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073244.D        | 1         | 06/25/25 08:45 | 06/25/25 15:09 | PB168607      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.50  | U         | 4.50     | 19.4       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.60  | U         | 4.60     | 19.4       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.20  | U         | 4.20     | 19.4       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.60  | U         | 4.60     | 19.4       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.70  | U         | 6.70     | 19.4       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.70  | U         | 3.70     | 19.4       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.70  | U         | 5.70     | 19.4       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.10  | U         | 4.10     | 19.4       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.70  | U         | 3.70     | 19.4       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 18.4  |           | 32 - 144 | 92%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 17.0  |           | 32 - 175 | 85%        | SPK: 20           |

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## Report of Analysis

|                    |                                           |          |                    |          |           |
|--------------------|-------------------------------------------|----------|--------------------|----------|-----------|
| Client:            | Union Paving & Construction Company       |          | Date Collected:    | 06/23/25 |           |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 |          | Date Received:     | 06/23/25 |           |
| Client Sample ID:  | PARK AVE -5                               |          | SDG No.:           | Q2393    |           |
| Lab Sample ID:     | Q2393-09                                  |          | Matrix:            | SOIL     |           |
| Analytical Method: | 8082A                                     |          | % Solid:           | 91.3     | Decanted: |
| Sample Wt/Vol:     | 30.01                                     | Units: g | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                                           | uL       | Test:              | PCB      |           |
| Extraction Type:   |                                           |          | Injection Volume : |          |           |
| GPC Factor :       | 1.0                                       | PH :     |                    |          |           |
| Prep Method :      | SW3541B                                   |          |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073250.D        | 1         | 06/25/25 08:45 | 06/25/25 17:21 | PB168607      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.30  | U         | 4.30     | 18.6       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.40  | U         | 4.40     | 18.6       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.10  | U         | 4.10     | 18.6       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.40  | U         | 4.40     | 18.6       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.50  | U         | 6.50     | 18.6       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.50  | U         | 3.50     | 18.6       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.50  | U         | 5.50     | 18.6       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.90  | U         | 3.90     | 18.6       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.50  | U         | 3.50     | 18.6       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 17.3  |           | 32 - 144 | 87%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 15.4  |           | 32 - 175 | 77%        | SPK: 20           |

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## Report of Analysis

|                    |                                           |                    |          |
|--------------------|-------------------------------------------|--------------------|----------|
| Client:            | Union Paving & Construction Company       | Date Collected:    | 06/23/25 |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 | Date Received:     | 06/23/25 |
| Client Sample ID:  | PARK AVE -6                               | SDG No.:           | Q2393    |
| Lab Sample ID:     | Q2393-11                                  | Matrix:            | SOIL     |
| Analytical Method: | 8082A                                     | % Solid:           | 86.8     |
| Sample Wt/Vol:     | 30.08                                     | Units:             | g        |
| Soil Aliquot Vol:  |                                           |                    | uL       |
| Extraction Type:   |                                           | Test:              | PCB      |
| GPC Factor :       | 1.0                                       | PH :               |          |
| Prep Method :      | SW3541B                                   | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073251.D        | 1         | 06/25/25 08:45 | 06/25/25 17:37 | PB168607      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.50  | U         | 4.50     | 19.5       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.60  | U         | 4.60     | 19.5       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.30  | U         | 4.30     | 19.5       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.60  | U         | 4.60     | 19.5       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.80  | U         | 6.80     | 19.5       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.70  | U         | 3.70     | 19.5       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.80  | U         | 5.80     | 19.5       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.10  | U         | 4.10     | 19.5       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.70  | U         | 3.70     | 19.5       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 16.8  |           | 32 - 144 | 84%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 15.2  |           | 32 - 175 | 76%        | SPK: 20           |

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# QC SUMMARY

### Surrogate Summary

SDG No.: Q2393

Client: Union Paving & Construction Company

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|--------|------|
|                  |                  |                      |        |       |        |     |      | Low    | High |
| I.BLK-PP072990.D | PIBLK-PP072990.D | Tetrachloro-m-xylene | 1      | 20    | 17.3   | 86  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 18.3   | 91  |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.0   | 90  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.2   | 86  |      | 60     | 140  |
| I.BLK-PP073234.D | PIBLK-PP073234.D | Tetrachloro-m-xylene | 1      | 20    | 19.6   | 98  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 19.6   | 98  |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.2   | 96  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 21.1   | 105 |      | 60     | 140  |
| PB168607BL       | PB168607BL       | Tetrachloro-m-xylene | 1      | 20    | 19.8   | 99  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 19.6   | 98  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.6   | 98  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.5   | 103 |      | 32     | 175  |
| PB168607BS       | PB168607BS       | Tetrachloro-m-xylene | 1      | 20    | 20.2   | 101 |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 20.4   | 102 |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.1   | 96  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 21.6   | 108 |      | 32     | 175  |
| Q2392-01MS       | S-1MS            | Tetrachloro-m-xylene | 1      | 20    | 20.8   | 104 |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 20.4   | 102 |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.0   | 95  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 22.0   | 110 |      | 32     | 175  |
| Q2392-01MSD      | S-1MSD           | Tetrachloro-m-xylene | 1      | 20    | 19.2   | 96  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 18.4   | 92  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.3   | 86  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.6   | 98  |      | 32     | 175  |
| Q2393-01         | PARK AVE -1      | Tetrachloro-m-xylene | 1      | 20    | 20.1   | 101 |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 19.5   | 98  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.9   | 99  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.3   | 101 |      | 32     | 175  |
| Q2393-03         | PARK AVE -2      | Tetrachloro-m-xylene | 1      | 20    | 18.8   | 94  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 18.1   | 90  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.1   | 95  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 18.0   | 90  |      | 32     | 175  |
| Q2393-05         | PARK AVE -3      | Tetrachloro-m-xylene | 1      | 20    | 17.0   | 85  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 15.8   | 79  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.5   | 88  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.4   | 87  |      | 32     | 175  |
| Q2393-07         | PARK AVE -4      | Tetrachloro-m-xylene | 1      | 20    | 18.4   | 92  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 16.0   | 80  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.5   | 88  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.0   | 85  |      | 32     | 175  |
| I.BLK-PP073249.D | PIBLK-PP073249.D | Tetrachloro-m-xylene | 1      | 20    | 18.5   | 93  |      | 60     | 140  |

### Surrogate Summary

SDG No.: Q2393

Client: Union Paving & Construction Company

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|--------|------|
|                  |                  |                      |        |       |        |     |      | Low    | High |
| I.BLK-PP073249.D | PIBLK-PP073249.D | Decachlorobiphenyl   | 1      | 20    | 18.9   | 95  |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.5   | 93  |      | 60     | 140  |
| Q2393-09         | PARK AVE -5      | Decachlorobiphenyl   | 2      | 20    | 20.2   | 101 |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 17.3   | 87  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 14.4   | 72  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.2   | 86  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 15.4   | 77  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 16.8   | 84  |      | 32     | 144  |
| Q2393-11         | PARK AVE -6      | Decachlorobiphenyl   | 1      | 20    | 14.5   | 72  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 16.6   | 83  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 15.2   | 76  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 17.7   | 89  |      | 60     | 140  |
| I.BLK-PP073264.D | PIBLK-PP073264.D | Decachlorobiphenyl   | 1      | 20    | 17.2   | 86  |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.4   | 92  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.1   | 101 |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 17.7   | 89  |      | 60     | 140  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                                |                           |                   |
|-----------------|------------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2393</u>                                   | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Union Paving &amp; Construction Company</u> | <b>DataFile :</b>         | <u>PP073239.D</u> |

| Lab Sample ID:                                       | Parameter              | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|------------------------------------------------------|------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Client Sample ID:</b><br>Q2392-01MS<br>(Column 1) | <b>S-IMS</b><br>AR1016 | 180.6 | 0             | 166    | ug/kg | 92  |          |     |          | 55  | 146         |     |
|                                                      | AR1260                 | 180.6 | 0             | 164    | ug/kg | 91  |          |     |          | 54  | 119         |     |
| <b>Client Sample ID:</b><br>Q2392-01MS<br>(Column 2) | <b>S-IMS</b><br>AR1016 | 180.6 | 0             | 152    | ug/kg | 84  |          |     |          | 55  | 146         |     |
|                                                      | AR1260                 | 180.6 | 0             | 155    | ug/kg | 86  |          |     |          | 54  | 119         |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                                |                           |                   |
|-----------------|------------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2393</u>                                   | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Union Paving &amp; Construction Company</u> | <b>DataFile :</b>         | <u>PP073240.D</u> |

| Lab Sample ID:                                        | Parameter               | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-------------------------------------------------------|-------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Client Sample ID:</b><br>Q2392-01MSD<br>(Column 1) | <b>S-1MSD</b><br>AR1016 | 180.3 | 0             | 165    | ug/kg | 92  |          | 0   |          | 55  | 146         | 15  |
|                                                       | AR1260                  | 180.3 | 0             | 164    | ug/kg | 91  |          | 0   |          | 54  | 119         | 15  |
| <b>Client Sample ID:</b><br>Q2392-01MSD<br>(Column 2) | <b>S-1MSD</b><br>AR1016 | 180.3 | 0             | 150    | ug/kg | 83  |          | 1   |          | 55  | 146         | 15  |
|                                                       | AR1260                  | 180.3 | 0             | 150    | ug/kg | 83  |          | 4   |          | 54  | 119         | 15  |

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

**SW-846**

|                 |                                                |                           |                   |
|-----------------|------------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2393</u>                                   | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Union Paving &amp; Construction Company</u> | <b>Datafile :</b>         | <u>PP073237.D</u> |

| Lab Sample ID            | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|--------------------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|                          |           |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB168607BS<br>(Column 1) | AR1016    | 166.6 | 165    | ug/kg | 99  |     |      |      | 71  | 120    |  |     |
|                          | AR1260    | 166.6 | 165    | ug/kg | 99  |     |      |      | 65  | 130    |  |     |
| PB168607BS<br>(Column 2) | AR1016    | 166.6 | 155    | ug/kg | 93  |     |      |      | 71  | 120    |  |     |
|                          | AR1260    | 166.6 | 152    | ug/kg | 91  |     |      |      | 65  | 130    |  |     |

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168607BL

Lab Name: CHEMTECH

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393

SAS No.: Q2393 SDG NO.: Q2393

Lab Sample ID: PB168607BL

Lab File ID: PP073236.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 06/25/2025

Date Analyzed (1): 06/25/2025

Date Analyzed (2): 06/25/2025

Time Analyzed (1): 12:59

Time Analyzed (2): 12:59

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

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

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

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB168607BS        | PB168607BS       | PP073237.D     | 06/25/2025         | 06/25/2025         |
| S-1MS             | Q2392-01MS       | PP073239.D     | 06/25/2025         | 06/25/2025         |
| S-1MSD            | Q2392-01MSD      | PP073240.D     | 06/25/2025         | 06/25/2025         |
| PARK AVE -1       | Q2393-01         | PP073241.D     | 06/25/2025         | 06/25/2025         |
| PARK AVE -2       | Q2393-03         | PP073242.D     | 06/25/2025         | 06/25/2025         |
| PARK AVE -3       | Q2393-05         | PP073243.D     | 06/25/2025         | 06/25/2025         |
| PARK AVE -4       | Q2393-07         | PP073244.D     | 06/25/2025         | 06/25/2025         |
| PARK AVE -5       | Q2393-09         | PP073250.D     | 06/25/2025         | 06/25/2025         |
| PARK AVE -6       | Q2393-11         | PP073251.D     | 06/25/2025         | 06/25/2025         |

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



# QC SAMPLE DATA

## Report of Analysis

|                    |                                           |                    |       |
|--------------------|-------------------------------------------|--------------------|-------|
| Client:            | Union Paving & Construction Company       | Date Collected:    |       |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 | Date Received:     |       |
| Client Sample ID:  | PB168607BL                                | SDG No.:           | Q2393 |
| Lab Sample ID:     | PB168607BL                                | Matrix:            | SOIL  |
| Analytical Method: | 8082A                                     | % Solid:           | 100   |
| Sample Wt/Vol:     | 30.01                                     | Units:             | g     |
| Soil Aliquot Vol:  |                                           |                    | uL    |
| Extraction Type:   |                                           | Test:              | PCB   |
| GPC Factor :       | 1.0                                       | PH :               |       |
| Prep Method :      | SW3541B                                   | Decanted:          |       |
|                    |                                           | Final Vol:         | 10000 |
|                    |                                           | Injection Volume : |       |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073236.D        | 1         | 06/25/25 08:45 | 06/25/25 12:59 | PB168607      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 3.90  | U         | 3.90     | 17.0       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.00  | U         | 4.00     | 17.0       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 3.70  | U         | 3.70     | 17.0       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.00  | U         | 4.00     | 17.0       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 5.90  | U         | 5.90     | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.20  | U         | 3.20     | 17.0       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.00  | U         | 5.00     | 17.0       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.60  | U         | 3.60     | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.20  | U         | 3.20     | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.8  |           | 32 - 144 | 99%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 20.5  |           | 32 - 175 | 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:            | Union Paving & Construction Company       |           | Date Collected:    | 06/17/25 |           |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 |           | Date Received:     | 06/17/25 |           |
| Client Sample ID:  | PIBLK-PP072990.D                          |           | SDG No.:           | Q2393    |           |
| Lab Sample ID:     | I.BLK-PP072990.D                          |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                                     |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                                      | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                                           | uL        | Test:              | PCB      |           |
| Extraction Type:   |                                           |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                                       | PH :      |                    |          |           |
| Prep Method :      | 5030                                      |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP072990.D        | 1         |           | 06/17/25      | pp061725      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097    | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096    | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071    | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094    | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081    | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 17.3  |           | 60 - 140 | 86%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.2  |           | 60 - 140 | 86%        | SPK: 20 |

### Comments:

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                           |           |                    |          |           |
|--------------------|-------------------------------------------|-----------|--------------------|----------|-----------|
| Client:            | Union Paving & Construction Company       |           | Date Collected:    | 06/25/25 |           |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 |           | Date Received:     | 06/25/25 |           |
| Client Sample ID:  | PIBLK-PP073234.D                          |           | SDG No.:           | Q2393    |           |
| Lab Sample ID:     | I.BLK-PP073234.D                          |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                                     |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                                      | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                                           | uL        | Test:              | PCB      |           |
| Extraction Type:   |                                           |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                                       | PH :      |                    |          |           |
| Prep Method :      | 5030                                      |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP073234.D        | 1         |           | 06/25/25      | PP062525      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097    | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096    | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071    | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094    | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081    | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 19.2  |           | 60 - 140 | 96%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 19.6  |           | 60 - 140 | 98%        | SPK: 20 |

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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:            | Union Paving & Construction Company       |           | Date Collected:    | 06/25/25 |           |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 |           | Date Received:     | 06/25/25 |           |
| Client Sample ID:  | PIBLK-PP073249.D                          |           | SDG No.:           | Q2393    |           |
| Lab Sample ID:     | I.BLK-PP073249.D                          |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                                     |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                                      | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                                           | uL        | Test:              | PCB      |           |
| Extraction Type:   |                                           |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                                       | PH :      |                    |          |           |
| Prep Method :      | 5030                                      |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP073249.D        | 1         |           | 06/25/25      | PP062525      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097    | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096    | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071    | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094    | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081    | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 18.5  |           | 60 - 140 | 93%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 18.9  |           | 60 - 140 | 95%        | SPK: 20 |

### Comments:

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\* = 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:            | Union Paving & Construction Company       |           | Date Collected:    | 06/25/25 |           |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 |           | Date Received:     | 06/25/25 |           |
| Client Sample ID:  | PIBLK-PP073264.D                          |           | SDG No.:           | Q2393    |           |
| Lab Sample ID:     | I.BLK-PP073264.D                          |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                                     |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                                      | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                                           | uL        | Test:              | PCB      |           |
| Extraction Type:   |                                           |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                                       | PH :      |                    |          |           |
| Prep Method :      | 5030                                      |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP073264.D        | 1         |           | 06/25/25      | PP062525      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097    | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096    | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071    | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094    | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081    | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 17.7  |           | 60 - 140 | 89%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.2  |           | 60 - 140 | 86%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                           |                    |               |
|--------------------|-------------------------------------------|--------------------|---------------|
| Client:            | Union Paving & Construction Company       | Date Collected:    |               |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 | Date Received:     |               |
| Client Sample ID:  | PB168607BS                                | SDG No.:           | Q2393         |
| Lab Sample ID:     | PB168607BS                                | Matrix:            | SOIL          |
| Analytical Method: | 8082A                                     | % Solid:           | 100           |
| Sample Wt/Vol:     | 30.02      Units:    g                    | Final Vol:         | 10000      uL |
| Soil Aliquot Vol:  | uL                                        | Test:              | PCB           |
| Extraction Type:   |                                           | Injection Volume : |               |
| GPC Factor :       | 1.0      PH :                             |                    |               |
| Prep Method :      | SW3541B                                   |                    |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073237.D        | 1         | 06/25/25 08:45 | 06/25/25 13:15 | PB168607      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 165   |           | 3.90     | 17.0       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.00  | U         | 4.00     | 17.0       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 3.70  | U         | 3.70     | 17.0       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.00  | U         | 4.00     | 17.0       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 5.90  | U         | 5.90     | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.20  | U         | 3.20     | 17.0       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.00  | U         | 5.00     | 17.0       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.60  | U         | 3.60     | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 165   |           | 3.20     | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.2  |           | 32 - 144 | 101%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.6  |           | 32 - 175 | 108%       | 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:            | Union Paving & Construction Company       | Date Collected:    | 06/23/25 |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 | Date Received:     | 06/23/25 |
| Client Sample ID:  | S-1MS                                     | SDG No.:           | Q2393    |
| Lab Sample ID:     | Q2392-01MS                                | Matrix:            | SOIL     |
| Analytical Method: | 8082A                                     | % Solid:           | 92.2     |
| Sample Wt/Vol:     | 30.03                                     | Units:             | g        |
| Soil Aliquot Vol:  |                                           |                    | uL       |
| Extraction Type:   |                                           | Test:              | PCB      |
| GPC Factor :       | 1.0                                       | PH :               |          |
| Prep Method :      | SW3541B                                   | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073239.D        | 1         | 06/25/25 08:45 | 06/25/25 13:47 | PB168607      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 166   |           | 4.30     | 18.4       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.40  | U         | 4.40     | 18.4       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.00  | U         | 4.00     | 18.4       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.30  | U         | 4.30     | 18.4       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.40  | U         | 6.40     | 18.4       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.50  | U         | 3.50     | 18.4       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.40  | U         | 5.40     | 18.4       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.90  | U         | 3.90     | 18.4       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 164   |           | 3.50     | 18.4       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.8  |           | 32 - 144 | 104%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 22.0  |           | 32 - 175 | 110%       | 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:            | Union Paving & Construction Company       | Date Collected:    | 06/23/25 |
| Project:           | 190 Park Ave Hanover Twp NJ - PO 2556-001 | Date Received:     | 06/23/25 |
| Client Sample ID:  | S-1MSD                                    | SDG No.:           | Q2393    |
| Lab Sample ID:     | Q2392-01MSD                               | Matrix:            | SOIL     |
| Analytical Method: | 8082A                                     | % Solid:           | 92.2     |
| Sample Wt/Vol:     | 30.08                                     | Units:             | g        |
| Soil Aliquot Vol:  |                                           |                    | uL       |
| Extraction Type:   |                                           | Test:              | PCB      |
| GPC Factor :       | 1.0                                       | PH :               |          |
| Prep Method :      | SW3541B                                   | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073240.D        | 1         | 06/25/25 08:45 | 06/25/25 14:04 | PB168607      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 165   |           | 4.30     | 18.4       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.40  | U         | 4.40     | 18.4       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.00  | U         | 4.00     | 18.4       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.30  | U         | 4.30     | 18.4       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.40  | U         | 6.40     | 18.4       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.50  | U         | 3.50     | 18.4       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.40  | U         | 5.40     | 18.4       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.90  | U         | 3.90     | 18.4       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 164   |           | 3.50     | 18.4       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.2  |           | 32 - 144 | 96%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 19.6  |           | 32 - 175 | 98%        | SPK: 20           |

### Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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() = Laboratory InHouse Limit



# CALIBRATION SUMMARY

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

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

[illegible]

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Decachlorobiphenyl   | 10.19 | 10.18 | 10.18 | 10.19 | 10.18 | 10.19 | 10.09 | 10.29 |
| Tetrachloro-m-xylene | 4.49  | 4.49  | 4.49  | 4.50  | 4.49  | 4.49  | 4.39  | 4.59  |

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

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

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

[illegible]

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |      |      |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|------|------|
| Decachlorobiphenyl   | 8.80 | 8.80 | 8.80 | 8.80 | 8.80 | 8.80 | 8.70 | 8.90 |
| Tetrachloro-m-xylene | 3.79 | 3.79 | 3.79 | 3.79 | 3.79 | 3.79 | 3.69 | 3.89 |

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

# CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Instrument ID: ECD\_P

Calibration Date(s): 06/17/2025 06/17/2025

Calibration Times: 10:04 20:10

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

| LAB FILE ID:         |     | CF 1000 = PP072991.D |            | CF 750 = PP072992.D |            |            |            |
|----------------------|-----|----------------------|------------|---------------------|------------|------------|------------|
| CF 500 = PP072993.D  |     | CF 250 = PP072994.D  |            | CF 050 = PP072995.D |            |            |            |
| COMPOUND             |     | CF 1000              | CF 750     | CF 500              | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1       | (1) | 63671603             | 67644257   | 70148492            | 76963128   | 84930220   | 72671540   |
| Aroclor-1016-2       | (2) | 97440661             | 102354848  | 107008936           | 114458460  | 98840440   | 104020669  |
| Aroclor-1016-3       | (3) | 59983524             | 63267185   | 65041372            | 73554480   | 64895380   | 65348388   |
| Aroclor-1016-4       | (4) | 50589003             | 52912481   | 54400336            | 56287652   | 47214800   | 52280854   |
| Aroclor-1016-5       | (5) | 46240143             | 47840919   | 49349310            | 51433860   | 55161280   | 50005102   |
| Aroclor-1260-1       | (1) | 82538787             | 86792979   | 90284630            | 94211564   | 87238820   | 88213356   |
| Aroclor-1260-2       | (2) | 125600539            | 132072107  | 137363486           | 143645412  | 140737120  | 135883733  |
| Aroclor-1260-3       | (3) | 106201830            | 111185451  | 115341698           | 120182220  | 117849880  | 114152216  |
| Aroclor-1260-4       | (4) | 98670506             | 102821608  | 101520658           | 108282220  | 103932620  | 103045522  |
| Aroclor-1260-5       | (5) | 227637841            | 236485680  | 245198018           | 255372264  | 238418920  | 240622545  |
| Decachlorobiphenyl   |     | 1620648950           | 1677444467 | 1749703060          | 1784234960 | 1712434400 | 1708893167 |
| Tetrachloro-m-xylene |     | 1977356170           | 2059482187 | 2109826840          | 2243117400 | 2164249200 | 2110806359 |
| Aroclor-1242-1       | (1) | 54005130             | 54512615   | 57421654            | 60290804   | 65956000   | 58437241   |
| Aroclor-1242-2       | (2) | 81931377             | 79616400   | 88109514            | 98852440   | 84261940   | 86554334   |
| Aroclor-1242-3       | (3) | 50398728             | 48446856   | 53645312            | 57446220   | 53601300   | 52707683   |
| Aroclor-1242-4       | (4) | 42240385             | 41710237   | 44319270            | 46660108   | 44861080   | 43958216   |
| Aroclor-1242-5       | (5) | 45003164             | 45972225   | 47192024            | 56790384   | 52840600   | 49559679   |
| Decachlorobiphenyl   |     | 1612495640           | 1627929573 | 1725341220          | 1814607120 | 1610121000 | 1678098911 |
| Tetrachloro-m-xylene |     | 1888746510           | 1833283947 | 1976454780          | 2024098800 | 2031619200 | 1950840647 |
| Aroclor-1248-1       | (1) | 41858490             | 44170731   | 45862520            | 49041552   | 56908940   | 47568447   |
| Aroclor-1248-2       | (2) | 55380415             | 58022209   | 55617524            | 59041032   | 64693660   | 58550968   |
| Aroclor-1248-3       | (3) | 63266998             | 66239924   | 62737624            | 66758520   | 67243400   | 65249293   |
| Aroclor-1248-4       | (4) | 77728954             | 82015129   | 82895984            | 86036548   | 96645880   | 85064499   |
| Aroclor-1248-5       | (5) | 75041779             | 78134308   | 81070348            | 82544344   | 101675060  | 83693168   |
| Decachlorobiphenyl   |     | 1620420410           | 1689508547 | 1707113880          | 1772211040 | 1987340600 | 1755318895 |
| Tetrachloro-m-xylene |     | 1885218090           | 1960849747 | 1904121260          | 1960400040 | 2044577000 | 1951033227 |
| Aroclor-1254-1       | (1) | 73763285             | 78885443   | 81757104            | 88891384   | 97572240   | 84173891   |
| Aroclor-1254-2       | (2) | 111451506            | 118674340  | 123357828           | 133620984  | 139899720  | 125400876  |
| Aroclor-1254-3       | (3) | 119235877            | 126285657  | 130365552           | 141133040  | 139034740  | 131210973  |
| Aroclor-1254-4       | (4) | 108754762            | 114515340  | 117946542           | 128101128  | 129602040  | 119783962  |
| Aroclor-1254-5       | (5) | 106940669            | 112254864  | 115991910           | 123909512  | 112185340  | 114256459  |
| Decachlorobiphenyl   |     | 1648218000           | 1739306053 | 1775656020          | 1935470960 | 1659491600 | 1751628527 |
| Tetrachloro-m-xylene |     | 1872735760           | 1960277133 | 2019595300          | 2159825040 | 2074265000 | 2017339647 |
| Aroclor-1268-1       | (1) | 342609292            | 345928729  | 355896714           | 398597476  | 345083220  | 357623086  |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 290418323  | 293649853  | 302966618  | 340918088  | 297353440  | 305061264  | 7 |
| Aroclor-1268-3       | (3) | 249992898  | 253511760  | 262173960  | 295232256  | 266657480  | 265513671  | 7 |
| Aroclor-1268-4       | (4) | 114648839  | 115165531  | 118059850  | 128871696  | 108376940  | 117024571  | 6 |
| Aroclor-1268-5       | (5) | 713831298  | 735909031  | 738672980  | 819932440  | 689883900  | 739645930  | 7 |
| Decachlorobiphenyl   |     | 3002859930 | 3106573307 | 3204862440 | 3588507520 | 3062996400 | 3193159919 | 7 |
| Tetrachloro-m-xylene |     | 1965399560 | 2013897333 | 2066727860 | 2334276840 | 2005844200 | 2077229159 | 7 |

# CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Instrument ID: ECD\_P

Calibration Date(s): 06/17/2025 06/17/2025

Calibration Times: 10:04 20:10

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

| LAB FILE ID:               |     | CF 1000 = <u>PP072991.D</u> |            | CF 750 = <u>PP072992.D</u> |            |            |       |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|-------|
| CF 500 = <u>PP072993.D</u> |     | CF 250 = <u>PP072994.D</u>  |            | CF 050 = <u>PP072995.D</u> |            |            |       |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD |
| Aroclor-1016-1             | (1) | 58734267                    | 64000205   | 67674152                   | 72695560   | 80484240   | 12    |
| Aroclor-1016-2             | (2) | 90382349                    | 94344453   | 98038690                   | 104433472  | 115993580  | 10    |
| Aroclor-1016-3             | (3) | 48136215                    | 50748025   | 53595712                   | 56975444   | 64125620   | 11    |
| Aroclor-1016-4             | (4) | 38107893                    | 40907291   | 43245840                   | 46954372   | 53532680   | 13    |
| Aroclor-1016-5             | (5) | 49203503                    | 51615780   | 54910048                   | 58505108   | 62177080   | 9     |
| Aroclor-1260-1             | (1) | 84892100                    | 88579871   | 95448406                   | 100236824  | 104495860  | 9     |
| Aroclor-1260-2             | (2) | 105588352                   | 108160505  | 115763440                  | 121715240  | 130953840  | 9     |
| Aroclor-1260-3             | (3) | 96095206                    | 97763095   | 104346708                  | 109521728  | 113078520  | 7     |
| Aroclor-1260-4             | (4) | 77788306                    | 79915727   | 86740682                   | 92092068   | 102155800  | 11    |
| Aroclor-1260-5             | (5) | 196041650                   | 198840268  | 209548214                  | 218270728  | 244301260  | 9     |
| Decachlorobiphenyl         |     | 1225771100                  | 1248497173 | 1342901640                 | 1435827000 | 1420581600 | 7     |
| Tetrachloro-m-xylene       |     | 1662896120                  | 1767446653 | 1788437460                 | 1893713440 | 1896490200 | 5     |
| Aroclor-1242-1             | (1) | 50070930                    | 49549424   | 54443442                   | 59214632   | 62816600   | 10    |
| Aroclor-1242-2             | (2) | 73623300                    | 71492977   | 79469612                   | 84317900   | 88528280   | 9     |
| Aroclor-1242-3             | (3) | 39446084                    | 38282884   | 42982138                   | 46709656   | 49104180   | 11    |
| Aroclor-1242-4             | (4) | 37721961                    | 36558999   | 41186366                   | 44840456   | 47211420   | 11    |
| Aroclor-1242-5             | (5) | 49158591                    | 46923105   | 52837542                   | 55505240   | 58508140   | 9     |
| Decachlorobiphenyl         |     | 1205418560                  | 1226140693 | 1281128260                 | 1336855440 | 1341504000 | 5     |
| Tetrachloro-m-xylene       |     | 1683517200                  | 1544398853 | 1783586240                 | 1693726480 | 1780668000 | 6     |
| Aroclor-1248-1             | (1) | 39929038                    | 42320627   | 40002718                   | 45282436   | 50417100   | 10    |
| Aroclor-1248-2             | (2) | 53044396                    | 57410791   | 53304096                   | 60483108   | 68735640   | 11    |
| Aroclor-1248-3             | (3) | 55822275                    | 59851821   | 54787908                   | 62834628   | 69424220   | 10    |
| Aroclor-1248-4             | (4) | 64712793                    | 69142612   | 62749900                   | 72698224   | 80808780   | 10    |
| Aroclor-1248-5             | (5) | 65436447                    | 68813545   | 68635516                   | 72459776   | 79814180   | 8     |
| Decachlorobiphenyl         |     | 1226985710                  | 1250965200 | 1294060880                 | 1349363760 | 1435080400 | 6     |
| Tetrachloro-m-xylene       |     | 1707872610                  | 1775213400 | 1595172200                 | 1742416320 | 1838339400 | 5     |
| Aroclor-1254-1             | (1) | 94131500                    | 102369100  | 108358230                  | 120483728  | 122907600  | 11    |
| Aroclor-1254-2             | (2) | 80645865                    | 88030495   | 92596756                   | 103733056  | 107725280  | 12    |
| Aroclor-1254-3             | (3) | 128776319                   | 138178049  | 147317104                  | 161124892  | 162339800  | 10    |
| Aroclor-1254-4             | (4) | 83562949                    | 90268741   | 96675708                   | 106896836  | 108101020  | 11    |
| Aroclor-1254-5             | (5) | 116424396                   | 122854644  | 129598642                  | 142067368  | 138868340  | 8     |
| Decachlorobiphenyl         |     | 1234350420                  | 1314370427 | 1354328000                 | 1438665160 | 1427909200 | 6     |
| Tetrachloro-m-xylene       |     | 1670033590                  | 1775346533 | 1836392320                 | 1937020080 | 1788575000 | 5     |
| Aroclor-1268-1             | (1) | 263809069                   | 277704169  | 280800266                  | 313024424  | 300977600  | 7     |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 236468443  | 251452185  | 251704404  | 280300416  | 265662900  | 257117670  | 6 |
| Aroclor-1268-3       | (3) | 197435098  | 210533244  | 211556648  | 231588560  | 228588480  | 215940406  | 7 |
| Aroclor-1268-4       | (4) | 83966367   | 90997261   | 93004838   | 103484904  | 99474300   | 94185534   | 8 |
| Aroclor-1268-5       | (5) | 544182935  | 572449871  | 587387342  | 623593632  | 566405340  | 578803824  | 5 |
| Decachlorobiphenyl   |     | 2216214780 | 2314031280 | 2438938620 | 2677731000 | 2452104000 | 2419803936 | 7 |
| Tetrachloro-m-xylene |     | 1798342890 | 1816167067 | 1835922080 | 2018457320 | 1810038400 | 1855785551 | 5 |

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Instrument ID: ECD\_P Date(s) Analyzed: 06/17/2025 06/17/2025

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

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.69 | 4.59      | 4.79 | 24659200              |
|              |                | 2    | 4.78 | 4.68      | 4.88 | 20179000              |
|              |                | 3    | 4.85 | 4.75      | 4.95 | 61551400              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.86 | 4.76      | 4.96 | 46956200              |
|              |                | 2    | 5.38 | 5.28      | 5.48 | 22369800              |
|              |                | 3    | 5.67 | 5.57      | 5.77 | 51597600              |
|              |                | 4    | 5.83 | 5.73      | 5.93 | 25810400              |
|              |                | 5    | 5.92 | 5.82      | 6.02 | 35670200              |
| Aroclor-1262 | 500            | 1    | 8.07 | 7.97      | 8.17 | 148023000             |
|              |                | 2    | 8.39 | 8.29      | 8.49 | 316466000             |
|              |                | 3    | 8.70 | 8.60      | 8.80 | 213972000             |
|              |                | 4    | 8.79 | 8.69      | 8.89 | 157593000             |
|              |                | 5    | 9.44 | 9.34      | 9.54 | 111864000             |

**INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES**

**Contract:** UNIO02

**Lab Code:** CHEM **Case No.:** Q2393 **SAS No.:** Q2393 **SDG NO.:** Q2393

**Instrument ID:** ECD\_P **Date(s) Analyzed:** 06/17/2025 06/17/2025

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

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.00 | 3.90      | 4.10 | 26872400              |
|              |                | 2    | 4.09 | 3.99      | 4.19 | 20185400              |
|              |                | 3    | 4.16 | 4.06      | 4.26 | 58732000              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.16 | 4.06      | 4.26 | 45564800              |
|              |                | 2    | 4.89 | 4.79      | 4.99 | 46259800              |
|              |                | 3    | 5.06 | 4.96      | 5.16 | 24558000              |
|              |                | 4    | 5.15 | 5.05      | 5.25 | 21625200              |
|              |                | 5    | 5.32 | 5.22      | 5.42 | 22858800              |
| Aroclor-1262 | 500            | 1    | 6.90 | 6.80      | 7.00 | 144467000             |
|              |                | 2    | 7.16 | 7.06      | 7.26 | 122231000             |
|              |                | 3    | 7.68 | 7.58      | 7.78 | 112703000             |
|              |                | 4    | 7.75 | 7.65      | 7.85 | 183356000             |
|              |                | 5    | 8.24 | 8.14      | 8.34 | 86585200              |

### CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Continuing Calib Date: 06/25/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 09:47 Initial Calibration Time(s): 10:04 20:10

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|------------------------|-------|------------|
| Aroclor-1016-1       | (1) | 5.64       | 5.65      | 5.55                   | 5.75  | 0.01       |
| Aroclor-1016-2       | (2) | 5.66       | 5.67      | 5.57                   | 5.77  | 0.01       |
| Aroclor-1016-3       | (3) | 5.73       | 5.73      | 5.63                   | 5.83  | 0.00       |
| Aroclor-1016-4       | (4) | 5.82       | 5.83      | 5.73                   | 5.93  | 0.01       |
| Aroclor-1016-5       | (5) | 6.12       | 6.12      | 6.02                   | 6.22  | 0.01       |
| Aroclor-1260-1       | (1) | 7.23       | 7.24      | 7.14                   | 7.34  | 0.01       |
| Aroclor-1260-2       | (2) | 7.49       | 7.49      | 7.39                   | 7.59  | 0.00       |
| Aroclor-1260-3       | (3) | 7.84       | 7.85      | 7.75                   | 7.95  | 0.01       |
| Aroclor-1260-4       | (4) | 8.07       | 8.07      | 7.97                   | 8.17  | 0.00       |
| Aroclor-1260-5       | (5) | 8.39       | 8.39      | 8.29                   | 8.49  | 0.00       |
| Tetrachloro-m-xylene |     | 4.49       | 4.49      | 4.39                   | 4.59  | 0.00       |
| Decachlorobiphenyl   |     | 10.18      | 10.19     | 10.09                  | 10.29 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Continuing Calib Date: 06/25/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 09:47 Initial Calibration Time(s): 10:04 20:10

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|------------------------|------|------------|
| Aroclor-1016-1       | (1) | 4.87       | 4.87      | 4.77                   | 4.97 | 0.01       |
| Aroclor-1016-2       | (2) | 4.88       | 4.89      | 4.79                   | 4.99 | 0.01       |
| Aroclor-1016-3       | (3) | 5.06       | 5.06      | 4.96                   | 5.16 | 0.00       |
| Aroclor-1016-4       | (4) | 5.10       | 5.10      | 5.00                   | 5.20 | 0.00       |
| Aroclor-1016-5       | (5) | 5.31       | 5.32      | 5.22                   | 5.42 | 0.01       |
| Aroclor-1260-1       | (1) | 6.35       | 6.35      | 6.25                   | 6.45 | 0.01       |
| Aroclor-1260-2       | (2) | 6.53       | 6.54      | 6.44                   | 6.64 | 0.01       |
| Aroclor-1260-3       | (3) | 6.69       | 6.69      | 6.59                   | 6.79 | 0.01       |
| Aroclor-1260-4       | (4) | 7.16       | 7.16      | 7.06                   | 7.26 | 0.00       |
| Aroclor-1260-5       | (5) | 7.40       | 7.40      | 7.30                   | 7.50 | 0.00       |
| Tetrachloro-m-xylene |     | 3.79       | 3.79      | 3.69                   | 3.89 | 0.00       |
| Decachlorobiphenyl   |     | 8.79       | 8.80      | 8.70                   | 8.90 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL01 Date Analyzed: 06/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP073230.D Time Analyzed: 09:47

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|----------------------|--------|--------------------|-------------------|------|
| Aroclor-1016-1       | 5.642  | 5.546                | 5.746  | 497.850            | 500.000           | -0.4 |
| Aroclor-1016-2       | 5.663  | 5.567                | 5.767  | 531.200            | 500.000           | 6.2  |
| Aroclor-1016-3       | 5.726  | 5.629                | 5.829  | 527.920            | 500.000           | 5.6  |
| Aroclor-1016-4       | 5.823  | 5.727                | 5.927  | 553.300            | 500.000           | 10.7 |
| Aroclor-1016-5       | 6.115  | 6.019                | 6.219  | 524.910            | 500.000           | 5.0  |
| Aroclor-1260-1       | 7.231  | 7.136                | 7.336  | 558.340            | 500.000           | 11.7 |
| Aroclor-1260-2       | 7.485  | 7.389                | 7.589  | 543.860            | 500.000           | 8.8  |
| Aroclor-1260-3       | 7.843  | 7.747                | 7.947  | 553.660            | 500.000           | 10.7 |
| Aroclor-1260-4       | 8.067  | 7.971                | 8.171  | 560.880            | 500.000           | 12.2 |
| Aroclor-1260-5       | 8.385  | 8.288                | 8.488  | 533.220            | 500.000           | 6.6  |
| Decachlorobiphenyl   | 10.182 | 10.087               | 10.287 | 51.670             | 50.000            | 3.3  |
| Tetrachloro-m-xylene | 4.491  | 4.394                | 4.594  | 51.870             | 50.000            | 3.7  |

### CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL01 Date Analyzed: 06/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP073230.D Time Analyzed: 09:47

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.865 | 4.768                | 4.968 | 478.630            | 500.000           | -4.3 |
| Aroclor-1016-2       | 4.882 | 4.786                | 4.986 | 499.110            | 500.000           | -0.2 |
| Aroclor-1016-3       | 5.059 | 4.962                | 5.162 | 500.330            | 500.000           | 0.1  |
| Aroclor-1016-4       | 5.101 | 5.004                | 5.204 | 498.360            | 500.000           | -0.3 |
| Aroclor-1016-5       | 5.314 | 5.218                | 5.418 | 534.890            | 500.000           | 7.0  |
| Aroclor-1260-1       | 6.345 | 6.249                | 6.449 | 506.310            | 500.000           | 1.3  |
| Aroclor-1260-2       | 6.534 | 6.438                | 6.638 | 518.190            | 500.000           | 3.6  |
| Aroclor-1260-3       | 6.685 | 6.589                | 6.789 | 499.370            | 500.000           | -0.1 |
| Aroclor-1260-4       | 7.155 | 7.060                | 7.260 | 493.440            | 500.000           | -1.3 |
| Aroclor-1260-5       | 7.397 | 7.302                | 7.502 | 497.480            | 500.000           | -0.5 |
| Decachlorobiphenyl   | 8.792 | 8.697                | 8.897 | 53.360             | 50.000            | 6.7  |
| Tetrachloro-m-xylene | 3.785 | 3.688                | 3.888 | 49.360             | 50.000            | -1.3 |

### CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Continuing Calib Date: 06/25/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 15:59 Initial Calibration Time(s): 10:04 20:10

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.64       | 5.65      | 5.55      | 5.75  | 0.01       |
| Aroclor-1016-2       | (2) | 5.67       | 5.67      | 5.57      | 5.77  | 0.00       |
| Aroclor-1016-3       | (3) | 5.73       | 5.73      | 5.63      | 5.83  | 0.00       |
| Aroclor-1016-4       | (4) | 5.83       | 5.83      | 5.73      | 5.93  | 0.00       |
| Aroclor-1016-5       | (5) | 6.12       | 6.12      | 6.02      | 6.22  | 0.00       |
| Aroclor-1260-1       | (1) | 7.23       | 7.24      | 7.14      | 7.34  | 0.01       |
| Aroclor-1260-2       | (2) | 7.49       | 7.49      | 7.39      | 7.59  | 0.00       |
| Aroclor-1260-3       | (3) | 7.85       | 7.85      | 7.75      | 7.95  | 0.01       |
| Aroclor-1260-4       | (4) | 8.07       | 8.07      | 7.97      | 8.17  | 0.00       |
| Aroclor-1260-5       | (5) | 8.39       | 8.39      | 8.29      | 8.49  | 0.00       |
| Tetrachloro-m-xylene |     | 4.49       | 4.49      | 4.39      | 4.59  | 0.00       |
| Decachlorobiphenyl   |     | 10.18      | 10.19     | 10.09     | 10.29 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Continuing Calib Date: 06/25/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 15:59 Initial Calibration Time(s): 10:04 20:10

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Aroclor-1016-2       | (2) | 4.88       | 4.89      | 4.79      | 4.99 | 0.01       |
| Aroclor-1016-3       | (3) | 5.06       | 5.06      | 4.96      | 5.16 | 0.00       |
| Aroclor-1016-4       | (4) | 5.10       | 5.10      | 5.00      | 5.20 | 0.00       |
| Aroclor-1016-5       | (5) | 5.32       | 5.32      | 5.22      | 5.42 | 0.00       |
| Aroclor-1260-1       | (1) | 6.35       | 6.35      | 6.25      | 6.45 | 0.00       |
| Aroclor-1260-2       | (2) | 6.54       | 6.54      | 6.44      | 6.64 | 0.01       |
| Aroclor-1260-3       | (3) | 6.69       | 6.69      | 6.59      | 6.79 | 0.00       |
| Aroclor-1260-4       | (4) | 7.16       | 7.16      | 7.06      | 7.26 | 0.00       |
| Aroclor-1260-5       | (5) | 7.40       | 7.40      | 7.30      | 7.50 | 0.00       |
| Tetrachloro-m-xylene |     | 3.79       | 3.79      | 3.69      | 3.89 | 0.00       |
| Decachlorobiphenyl   |     | 8.79       | 8.80      | 8.70      | 8.90 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL02 Date Analyzed: 06/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP073245.D Time Analyzed: 15:59

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|-----------|--------|--------------------|-------------------|------|
|                      |        | FROM      | TO     |                    |                   |      |
| Aroclor-1016-1       | 5.644  | 5.546     | 5.746  | 491.050            | 500.000           | -1.8 |
| Aroclor-1016-2       | 5.666  | 5.567     | 5.767  | 517.830            | 500.000           | 3.6  |
| Aroclor-1016-3       | 5.728  | 5.629     | 5.829  | 515.440            | 500.000           | 3.1  |
| Aroclor-1016-4       | 5.826  | 5.727     | 5.927  | 548.500            | 500.000           | 9.7  |
| Aroclor-1016-5       | 6.117  | 6.019     | 6.219  | 510.890            | 500.000           | 2.2  |
| Aroclor-1260-1       | 7.233  | 7.136     | 7.336  | 549.470            | 500.000           | 9.9  |
| Aroclor-1260-2       | 7.487  | 7.389     | 7.589  | 535.750            | 500.000           | 7.2  |
| Aroclor-1260-3       | 7.845  | 7.747     | 7.947  | 541.180            | 500.000           | 8.2  |
| Aroclor-1260-4       | 8.069  | 7.971     | 8.171  | 540.740            | 500.000           | 8.1  |
| Aroclor-1260-5       | 8.386  | 8.288     | 8.488  | 517.600            | 500.000           | 3.5  |
| Decachlorobiphenyl   | 10.183 | 10.087    | 10.287 | 50.590             | 50.000            | 1.2  |
| Tetrachloro-m-xylene | 4.493  | 4.394     | 4.594  | 50.850             | 50.000            | 1.7  |

### CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL02 Date Analyzed: 06/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP073245.D Time Analyzed: 15:59

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.866 | 4.768     | 4.968 | 493.090            | 500.000           | -1.4 |
| Aroclor-1016-2       | 4.883 | 4.786     | 4.986 | 489.210            | 500.000           | -2.2 |
| Aroclor-1016-3       | 5.060 | 4.962     | 5.162 | 496.280            | 500.000           | -0.7 |
| Aroclor-1016-4       | 5.102 | 5.004     | 5.204 | 491.290            | 500.000           | -1.7 |
| Aroclor-1016-5       | 5.315 | 5.218     | 5.418 | 539.600            | 500.000           | 7.9  |
| Aroclor-1260-1       | 6.346 | 6.249     | 6.449 | 499.230            | 500.000           | -0.2 |
| Aroclor-1260-2       | 6.535 | 6.438     | 6.638 | 517.590            | 500.000           | 3.5  |
| Aroclor-1260-3       | 6.686 | 6.589     | 6.789 | 495.890            | 500.000           | -0.8 |
| Aroclor-1260-4       | 7.156 | 7.060     | 7.260 | 493.520            | 500.000           | -1.3 |
| Aroclor-1260-5       | 7.398 | 7.302     | 7.502 | 497.660            | 500.000           | -0.5 |
| Decachlorobiphenyl   | 8.792 | 8.697     | 8.897 | 52.400             | 50.000            | 4.8  |
| Tetrachloro-m-xylene | 3.786 | 3.688     | 3.888 | 49.630             | 50.000            | -0.7 |

### CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Continuing Calib Date: 06/25/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 20:54 Initial Calibration Time(s): 10:04 20:10

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.64       | 5.65      | 5.55      | 5.75  | 0.01       |
| Aroclor-1016-2       | (2) | 5.67       | 5.67      | 5.57      | 5.77  | 0.01       |
| Aroclor-1016-3       | (3) | 5.73       | 5.73      | 5.63      | 5.83  | 0.00       |
| Aroclor-1016-4       | (4) | 5.82       | 5.83      | 5.73      | 5.93  | 0.01       |
| Aroclor-1016-5       | (5) | 6.12       | 6.12      | 6.02      | 6.22  | 0.00       |
| Aroclor-1260-1       | (1) | 7.23       | 7.24      | 7.14      | 7.34  | 0.01       |
| Aroclor-1260-2       | (2) | 7.49       | 7.49      | 7.39      | 7.59  | 0.00       |
| Aroclor-1260-3       | (3) | 7.84       | 7.85      | 7.75      | 7.95  | 0.01       |
| Aroclor-1260-4       | (4) | 8.07       | 8.07      | 7.97      | 8.17  | 0.00       |
| Aroclor-1260-5       | (5) | 8.39       | 8.39      | 8.29      | 8.49  | 0.00       |
| Tetrachloro-m-xylene |     | 4.49       | 4.49      | 4.39      | 4.59  | 0.00       |
| Decachlorobiphenyl   |     | 10.18      | 10.19     | 10.09     | 10.29 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Continuing Calib Date: 06/25/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 20:54 Initial Calibration Time(s): 10:04 20:10

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Aroclor-1016-2       | (2) | 4.88       | 4.89      | 4.79      | 4.99 | 0.01       |
| Aroclor-1016-3       | (3) | 5.06       | 5.06      | 4.96      | 5.16 | 0.00       |
| Aroclor-1016-4       | (4) | 5.10       | 5.10      | 5.00      | 5.20 | 0.00       |
| Aroclor-1016-5       | (5) | 5.32       | 5.32      | 5.22      | 5.42 | 0.00       |
| Aroclor-1260-1       | (1) | 6.35       | 6.35      | 6.25      | 6.45 | 0.00       |
| Aroclor-1260-2       | (2) | 6.54       | 6.54      | 6.44      | 6.64 | 0.01       |
| Aroclor-1260-3       | (3) | 6.69       | 6.69      | 6.59      | 6.79 | 0.00       |
| Aroclor-1260-4       | (4) | 7.16       | 7.16      | 7.06      | 7.26 | 0.00       |
| Aroclor-1260-5       | (5) | 7.40       | 7.40      | 7.30      | 7.50 | 0.00       |
| Tetrachloro-m-xylene |     | 3.79       | 3.79      | 3.69      | 3.89 | 0.00       |
| Decachlorobiphenyl   |     | 8.79       | 8.80      | 8.70      | 8.90 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL03 Date Analyzed: 06/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP073260.D Time Analyzed: 20:54

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|----------------------|--------|--------------------|-------------------|------|
| Aroclor-1016-1       | 5.643  | 5.546                | 5.746  | 467.170            | 500.000           | -6.6 |
| Aroclor-1016-2       | 5.665  | 5.567                | 5.767  | 485.650            | 500.000           | -2.9 |
| Aroclor-1016-3       | 5.727  | 5.629                | 5.829  | 486.920            | 500.000           | -2.6 |
| Aroclor-1016-4       | 5.824  | 5.727                | 5.927  | 512.820            | 500.000           | 2.6  |
| Aroclor-1016-5       | 6.116  | 6.019                | 6.219  | 480.300            | 500.000           | -3.9 |
| Aroclor-1260-1       | 7.233  | 7.136                | 7.336  | 501.350            | 500.000           | 0.3  |
| Aroclor-1260-2       | 7.486  | 7.389                | 7.589  | 484.800            | 500.000           | -3.0 |
| Aroclor-1260-3       | 7.844  | 7.747                | 7.947  | 476.370            | 500.000           | -4.7 |
| Aroclor-1260-4       | 8.068  | 7.971                | 8.171  | 484.000            | 500.000           | -3.2 |
| Aroclor-1260-5       | 8.386  | 8.288                | 8.488  | 457.790            | 500.000           | -8.4 |
| Decachlorobiphenyl   | 10.184 | 10.087               | 10.287 | 46.170             | 50.000            | -7.7 |
| Tetrachloro-m-xylene | 4.492  | 4.394                | 4.594  | 47.050             | 50.000            | -5.9 |

### CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL03 Date Analyzed: 06/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP073260.D Time Analyzed: 20:54

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.866 | 4.768                | 4.968 | 483.320            | 500.000           | -3.3 |
| Aroclor-1016-2       | 4.884 | 4.786                | 4.986 | 493.020            | 500.000           | -1.4 |
| Aroclor-1016-3       | 5.060 | 4.962                | 5.162 | 492.960            | 500.000           | -1.4 |
| Aroclor-1016-4       | 5.102 | 5.004                | 5.204 | 489.880            | 500.000           | -2.0 |
| Aroclor-1016-5       | 5.315 | 5.218                | 5.418 | 542.220            | 500.000           | 8.4  |
| Aroclor-1260-1       | 6.347 | 6.249                | 6.449 | 492.220            | 500.000           | -1.6 |
| Aroclor-1260-2       | 6.535 | 6.438                | 6.638 | 544.410            | 500.000           | 8.9  |
| Aroclor-1260-3       | 6.687 | 6.589                | 6.789 | 491.150            | 500.000           | -1.8 |
| Aroclor-1260-4       | 7.157 | 7.060                | 7.260 | 476.840            | 500.000           | -4.6 |
| Aroclor-1260-5       | 7.398 | 7.302                | 7.502 | 477.200            | 500.000           | -4.6 |
| Decachlorobiphenyl   | 8.793 | 8.697                | 8.897 | 50.930             | 50.000            | 1.9  |
| Tetrachloro-m-xylene | 3.786 | 3.688                | 3.888 | 49.440             | 50.000            | -1.1 |

## Analytical Sequence

|                                                   |                                                                     |
|---------------------------------------------------|---------------------------------------------------------------------|
| Client: Union Paving & Construction Company       | SDG No.: Q2393                                                      |
| Project: 190 Park Ave Hanover Twp NJ - PO 2556-00 | Instrument ID: ECD_P                                                |
| GC Column: ZB-MR1                                 | ID: 0.32 (mm)      Inst. Calib. Date(s): 06/17/2025      06/17/2025 |

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 # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 06/17/2025       | 09:47            | PP072990.D | 10.19       | 4.49        |
| AR1660ICC1000     | AR1660ICC1000    | 06/17/2025       | 10:04            | PP072991.D | 10.19       | 4.49        |
| AR1660ICC750      | AR1660ICC750     | 06/17/2025       | 10:20            | PP072992.D | 10.19       | 4.49        |
| AR1660ICC500      | AR1660ICC500     | 06/17/2025       | 10:37            | PP072993.D | 10.19       | 4.49        |
| AR1660ICC250      | AR1660ICC250     | 06/17/2025       | 10:53            | PP072994.D | 10.19       | 4.49        |
| AR1660ICC050      | AR1660ICC050     | 06/17/2025       | 11:43            | PP072995.D | 10.19       | 4.50        |
| AR1221ICC500      | AR1221ICC500     | 06/17/2025       | 12:00            | PP072996.D | 10.18       | 4.49        |
| AR1232ICC500      | AR1232ICC500     | 06/17/2025       | 12:16            | PP072997.D | 10.19       | 4.50        |
| AR1242ICC1000     | AR1242ICC1000    | 06/17/2025       | 14:27            | PP072998.D | 10.19       | 4.49        |
| AR1242ICC750      | AR1242ICC750     | 06/17/2025       | 14:43            | PP072999.D | 10.19       | 4.49        |
| AR1242ICC500      | AR1242ICC500     | 06/17/2025       | 15:00            | PP073000.D | 10.19       | 4.49        |
| AR1242ICC250      | AR1242ICC250     | 06/17/2025       | 15:16            | PP073001.D | 10.19       | 4.49        |
| AR1242ICC050      | AR1242ICC050     | 06/17/2025       | 15:32            | PP073002.D | 10.18       | 4.49        |
| AR1248ICC1000     | AR1248ICC1000    | 06/17/2025       | 15:49            | PP073003.D | 10.19       | 4.49        |
| AR1248ICC750      | AR1248ICC750     | 06/17/2025       | 16:21            | PP073004.D | 10.19       | 4.49        |
| AR1248ICC500      | AR1248ICC500     | 06/17/2025       | 16:37            | PP073005.D | 10.19       | 4.49        |
| AR1248ICC250      | AR1248ICC250     | 06/17/2025       | 16:54            | PP073006.D | 10.19       | 4.49        |
| AR1248ICC050      | AR1248ICC050     | 06/17/2025       | 17:10            | PP073007.D | 10.18       | 4.49        |
| AR1254ICC1000     | AR1254ICC1000    | 06/17/2025       | 17:26            | PP073008.D | 10.19       | 4.49        |
| AR1254ICC750      | AR1254ICC750     | 06/17/2025       | 17:43            | PP073009.D | 10.19       | 4.49        |
| AR1254ICC500      | AR1254ICC500     | 06/17/2025       | 17:59            | PP073010.D | 10.19       | 4.49        |
| AR1254ICC250      | AR1254ICC250     | 06/17/2025       | 18:15            | PP073011.D | 10.19       | 4.49        |
| AR1254ICC050      | AR1254ICC050     | 06/17/2025       | 18:32            | PP073012.D | 10.19       | 4.49        |
| AR1262ICC500      | AR1262ICC500     | 06/17/2025       | 18:48            | PP073013.D | 10.19       | 4.49        |
| AR1268ICC1000     | AR1268ICC1000    | 06/17/2025       | 19:04            | PP073014.D | 10.19       | 4.49        |
| AR1268ICC750      | AR1268ICC750     | 06/17/2025       | 19:21            | PP073015.D | 10.18       | 4.49        |
| AR1268ICC500      | AR1268ICC500     | 06/17/2025       | 19:37            | PP073016.D | 10.18       | 4.49        |
| AR1268ICC250      | AR1268ICC250     | 06/17/2025       | 19:53            | PP073017.D | 10.19       | 4.50        |
| AR1268ICC050      | AR1268ICC050     | 06/17/2025       | 20:10            | PP073018.D | 10.18       | 4.49        |
| AR1660CCC500      | AR1660CCC500     | 06/25/2025       | 09:47            | PP073230.D | 10.18       | 4.49        |
| IBLK              | IBLK             | 06/25/2025       | 10:52            | PP073234.D | 10.18       | 4.49        |
| PB168607BL        | PB168607BL       | 06/25/2025       | 12:59            | PP073236.D | 10.18       | 4.49        |
| PB168607BS        | PB168607BS       | 06/25/2025       | 13:15            | PP073237.D | 10.18       | 4.49        |
| S-IMS             | Q2392-01MS       | 06/25/2025       | 13:47            | PP073239.D | 10.18       | 4.49        |
| S-IMSD            | Q2392-01MSD      | 06/25/2025       | 14:04            | PP073240.D | 10.18       | 4.49        |
| PARK AVE -1       | Q2393-01         | 06/25/2025       | 14:20            | PP073241.D | 10.18       | 4.49        |
| PARK AVE -2       | Q2393-03         | 06/25/2025       | 14:37            | PP073242.D | 10.18       | 4.49        |
| PARK AVE -3       | Q2393-05         | 06/25/2025       | 14:53            | PP073243.D | 10.18       | 4.49        |
| PARK AVE -4       | Q2393-07         | 06/25/2025       | 15:09            | PP073244.D | 10.18       | 4.49        |
| AR1660CCC500      | AR1660CCC500     | 06/25/2025       | 15:59            | PP073245.D | 10.18       | 4.49        |
| IBLK              | IBLK             | 06/25/2025       | 17:04            | PP073249.D | 10.19       | 4.50        |
| PARK AVE -5       | Q2393-09         | 06/25/2025       | 17:21            | PP073250.D | 10.18       | 4.49        |

### Analytical Sequence

|              |              |            |       |            |       |      |
|--------------|--------------|------------|-------|------------|-------|------|
| PARK AVE -6  | Q2393-11     | 06/25/2025 | 17:37 | PP073251.D | 10.18 | 4.49 |
| AR1660CCC500 | AR1660CCC500 | 06/25/2025 | 20:54 | PP073260.D | 10.18 | 4.49 |
| I.BLK        | I.BLK        | 06/25/2025 | 22:17 | PP073264.D | 10.18 | 4.49 |

## Analytical Sequence

|                                                   |                                                                     |
|---------------------------------------------------|---------------------------------------------------------------------|
| Client: Union Paving & Construction Company       | SDG No.: Q2393                                                      |
| Project: 190 Park Ave Hanover Twp NJ - PO 2556-00 | Instrument ID: ECD_P                                                |
| GC Column: ZB-MR2                                 | ID: 0.32 (mm)      Inst. Calib. Date(s): 06/17/2025      06/17/2025 |

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 # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 06/17/2025       | 09:47            | PP072990.D | 8.80        | 3.79        |
| AR1660ICC1000     | AR1660ICC1000    | 06/17/2025       | 10:04            | PP072991.D | 8.80        | 3.79        |
| AR1660ICC750      | AR1660ICC750     | 06/17/2025       | 10:20            | PP072992.D | 8.80        | 3.79        |
| AR1660ICC500      | AR1660ICC500     | 06/17/2025       | 10:37            | PP072993.D | 8.80        | 3.79        |
| AR1660ICC250      | AR1660ICC250     | 06/17/2025       | 10:53            | PP072994.D | 8.80        | 3.79        |
| AR1660ICC050      | AR1660ICC050     | 06/17/2025       | 11:43            | PP072995.D | 8.80        | 3.79        |
| AR1221ICC500      | AR1221ICC500     | 06/17/2025       | 12:00            | PP072996.D | 8.80        | 3.79        |
| AR1232ICC500      | AR1232ICC500     | 06/17/2025       | 12:16            | PP072997.D | 8.80        | 3.79        |
| AR1242ICC1000     | AR1242ICC1000    | 06/17/2025       | 14:27            | PP072998.D | 8.80        | 3.79        |
| AR1242ICC750      | AR1242ICC750     | 06/17/2025       | 14:43            | PP072999.D | 8.80        | 3.79        |
| AR1242ICC500      | AR1242ICC500     | 06/17/2025       | 15:00            | PP073000.D | 8.80        | 3.79        |
| AR1242ICC250      | AR1242ICC250     | 06/17/2025       | 15:16            | PP073001.D | 8.80        | 3.79        |
| AR1242ICC050      | AR1242ICC050     | 06/17/2025       | 15:32            | PP073002.D | 8.80        | 3.79        |
| AR1248ICC1000     | AR1248ICC1000    | 06/17/2025       | 15:49            | PP073003.D | 8.80        | 3.79        |
| AR1248ICC750      | AR1248ICC750     | 06/17/2025       | 16:21            | PP073004.D | 8.80        | 3.79        |
| AR1248ICC500      | AR1248ICC500     | 06/17/2025       | 16:37            | PP073005.D | 8.80        | 3.79        |
| AR1248ICC250      | AR1248ICC250     | 06/17/2025       | 16:54            | PP073006.D | 8.80        | 3.79        |
| AR1248ICC050      | AR1248ICC050     | 06/17/2025       | 17:10            | PP073007.D | 8.80        | 3.79        |
| AR1254ICC1000     | AR1254ICC1000    | 06/17/2025       | 17:26            | PP073008.D | 8.80        | 3.79        |
| AR1254ICC750      | AR1254ICC750     | 06/17/2025       | 17:43            | PP073009.D | 8.80        | 3.79        |
| AR1254ICC500      | AR1254ICC500     | 06/17/2025       | 17:59            | PP073010.D | 8.80        | 3.79        |
| AR1254ICC250      | AR1254ICC250     | 06/17/2025       | 18:15            | PP073011.D | 8.80        | 3.79        |
| AR1254ICC050      | AR1254ICC050     | 06/17/2025       | 18:32            | PP073012.D | 8.80        | 3.79        |
| AR1262ICC500      | AR1262ICC500     | 06/17/2025       | 18:48            | PP073013.D | 8.80        | 3.79        |
| AR1268ICC1000     | AR1268ICC1000    | 06/17/2025       | 19:04            | PP073014.D | 8.80        | 3.79        |
| AR1268ICC750      | AR1268ICC750     | 06/17/2025       | 19:21            | PP073015.D | 8.80        | 3.79        |
| AR1268ICC500      | AR1268ICC500     | 06/17/2025       | 19:37            | PP073016.D | 8.80        | 3.79        |
| AR1268ICC250      | AR1268ICC250     | 06/17/2025       | 19:53            | PP073017.D | 8.80        | 3.79        |
| AR1268ICC050      | AR1268ICC050     | 06/17/2025       | 20:10            | PP073018.D | 8.80        | 3.79        |
| AR1660CCC500      | AR1660CCC500     | 06/25/2025       | 09:47            | PP073230.D | 8.79        | 3.79        |
| IBLK              | IBLK             | 06/25/2025       | 10:52            | PP073234.D | 8.79        | 3.79        |
| PB168607BL        | PB168607BL       | 06/25/2025       | 12:59            | PP073236.D | 8.79        | 3.79        |
| PB168607BS        | PB168607BS       | 06/25/2025       | 13:15            | PP073237.D | 8.79        | 3.78        |
| S-IMS             | Q2392-01MS       | 06/25/2025       | 13:47            | PP073239.D | 8.79        | 3.78        |
| S-IMSD            | Q2392-01MSD      | 06/25/2025       | 14:04            | PP073240.D | 8.79        | 3.78        |
| PARK AVE -1       | Q2393-01         | 06/25/2025       | 14:20            | PP073241.D | 8.79        | 3.79        |
| PARK AVE -2       | Q2393-03         | 06/25/2025       | 14:37            | PP073242.D | 8.79        | 3.79        |
| PARK AVE -3       | Q2393-05         | 06/25/2025       | 14:53            | PP073243.D | 8.79        | 3.79        |
| PARK AVE -4       | Q2393-07         | 06/25/2025       | 15:09            | PP073244.D | 8.79        | 3.79        |
| AR1660CCC500      | AR1660CCC500     | 06/25/2025       | 15:59            | PP073245.D | 8.79        | 3.79        |
| IBLK              | IBLK             | 06/25/2025       | 17:04            | PP073249.D | 8.79        | 3.79        |
| PARK AVE -5       | Q2393-09         | 06/25/2025       | 17:21            | PP073250.D | 8.79        | 3.79        |

### Analytical Sequence

|              |              |            |       |            |      |      |
|--------------|--------------|------------|-------|------------|------|------|
| PARK AVE -6  | Q2393-11     | 06/25/2025 | 17:37 | PP073251.D | 8.79 | 3.79 |
| AR1660CCC500 | AR1660CCC500 | 06/25/2025 | 20:54 | PP073260.D | 8.79 | 3.79 |
| I.BLK        | I.BLK        | 06/25/2025 | 22:17 | PP073264.D | 8.79 | 3.79 |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168607BS

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Lab Sample ID: PB168607BS Date(s) Analyzed: 06/25/2025 06/25/2025

Instrument ID (1): ECD\_P Instrument ID (2): ECD\_P

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

Data file PP073237.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|------|
|              |     |       | FROM      | TO    |               |                       |      |
| Aroclor-1016 | 1   | 5.642 | 5.592     | 5.692 | 157           | 165                   | 6.25 |
| COLUMN 1     | 2   | 5.663 | 5.613     | 5.713 | 167           |                       |      |
|              | 3   | 5.725 | 5.675     | 5.775 | 166           |                       |      |
|              | 4   | 5.823 | 5.773     | 5.873 | 176           |                       |      |
|              | 5   | 6.115 | 6.065     | 6.165 | 159           |                       |      |
|              | 1   | 4.863 | 4.813     | 4.913 | 152           |                       |      |
| COLUMN 2     | 2   | 4.881 | 4.831     | 4.931 | 158           | 155                   |      |
|              | 3   | 5.058 | 5.008     | 5.108 | 156           |                       |      |
|              | 4   | 5.099 | 5.049     | 5.149 | 154           |                       |      |
|              | 5   | 5.313 | 5.263     | 5.363 | 156           |                       |      |
|              |     |       |           |       |               |                       |      |
| Aroclor-1260 | 1   | 7.232 | 7.182     | 7.282 | 181           | 165                   | 8.2  |
| COLUMN 1     | 2   | 7.486 | 7.436     | 7.536 | 179           |                       |      |
|              | 3   | 7.844 | 7.794     | 7.894 | 151           |                       |      |
|              | 4   | 8.067 | 8.017     | 8.117 | 162           |                       |      |
|              | 5   | 8.386 | 8.336     | 8.436 | 151           |                       |      |
|              | 1   | 6.343 | 6.293     | 6.393 | 159           |                       |      |
| COLUMN 2     | 2   | 6.532 | 6.482     | 6.582 | 160           | 152                   |      |
|              | 3   | 6.683 | 6.633     | 6.733 | 160           |                       |      |
|              | 4   | 7.153 | 7.103     | 7.203 | 141           |                       |      |
|              | 5   | 7.396 | 7.346     | 7.446 | 141           |                       |      |
|              |     |       |           |       |               |                       |      |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

S-1MS

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Lab Sample ID: Q2392-01MS Date(s) Analyzed: 06/25/2025 06/25/2025

Instrument ID (1): ECD\_P Instrument ID (2): ECD\_P

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

Data file PP073239.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|------|
|              |     |       | FROM      | TO    |               |                       |      |
| Aroclor-1016 | 1   | 5.639 | 5.589     | 5.689 | 157           | 166                   | 8.81 |
| COLUMN 1     | 2   | 5.66  | 5.61      | 5.71  | 170           |                       |      |
|              | 3   | 5.723 | 5.673     | 5.773 | 165           |                       |      |
|              | 4   | 5.82  | 5.77      | 5.87  | 176           |                       |      |
|              | 5   | 6.112 | 6.062     | 6.162 | 161           |                       |      |
|              | 1   | 4.864 | 4.814     | 4.914 | 148           |                       |      |
| COLUMN 2     | 2   | 4.882 | 4.832     | 4.932 | 151           | 152                   |      |
|              | 3   | 5.058 | 5.008     | 5.108 | 153           |                       |      |
|              | 4   | 5.1   | 5.05      | 5.15  | 152           |                       |      |
|              | 5   | 5.314 | 5.264     | 5.364 | 153           |                       |      |
|              |     |       |           |       |               |                       |      |
| Aroclor-1260 | 1   | 7.228 | 7.178     | 7.278 | 185           | 164                   | 5.64 |
| COLUMN 1     | 2   | 7.482 | 7.432     | 7.532 | 179           |                       |      |
|              | 3   | 7.84  | 7.79      | 7.89  | 148           |                       |      |
|              | 4   | 8.063 | 8.013     | 8.113 | 160           |                       |      |
|              | 5   | 8.382 | 8.332     | 8.432 | 146           |                       |      |
|              | 1   | 6.344 | 6.294     | 6.394 | 165           | 155                   |      |
| COLUMN 2     | 2   | 6.533 | 6.483     | 6.583 | 162           |                       |      |
|              | 3   | 6.685 | 6.635     | 6.735 | 163           |                       |      |
|              | 4   | 7.154 | 7.104     | 7.204 | 143           |                       |      |
|              | 5   | 7.396 | 7.346     | 7.446 | 140           |                       |      |
|              |     |       |           |       |               |                       |      |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

S-1MSD

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Lab Sample ID: Q2392-01MSD Date(s) Analyzed: 06/25/2025 06/25/2025

Instrument ID (1): ECD\_P Instrument ID (2): ECD\_P

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

Data file PP073240.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|------|
|              |     |       | FROM      | TO    |               |                       |      |
| Aroclor-1016 | 1   | 5.642 | 5.592     | 5.692 | 157           | 165                   | 9.52 |
| COLUMN 1     | 2   | 5.663 | 5.613     | 5.713 | 168           |                       |      |
|              | 3   | 5.725 | 5.675     | 5.775 | 163           |                       |      |
|              | 4   | 5.822 | 5.772     | 5.872 | 174           |                       |      |
|              | 5   | 6.115 | 6.065     | 6.165 | 161           |                       |      |
|              | 1   | 4.864 | 4.814     | 4.914 | 146           |                       |      |
| COLUMN 2     | 2   | 4.881 | 4.831     | 4.931 | 148           | 150                   |      |
|              | 3   | 5.058 | 5.008     | 5.108 | 152           |                       |      |
|              | 4   | 5.1   | 5.05      | 5.15  | 151           |                       |      |
|              | 5   | 5.313 | 5.263     | 5.363 | 151           |                       |      |
|              |     |       |           |       |               |                       |      |
| Aroclor-1260 | 1   | 7.232 | 7.182     | 7.282 | 184           | 164                   | 8.92 |
| COLUMN 1     | 2   | 7.484 | 7.434     | 7.534 | 178           |                       |      |
|              | 3   | 7.843 | 7.793     | 7.893 | 147           |                       |      |
|              | 4   | 8.066 | 8.016     | 8.116 | 162           |                       |      |
|              | 5   | 8.384 | 8.334     | 8.434 | 147           |                       |      |
|              | 1   | 6.344 | 6.294     | 6.394 | 159           | 150                   |      |
| COLUMN 2     | 2   | 6.533 | 6.483     | 6.583 | 155           |                       |      |
|              | 3   | 6.684 | 6.634     | 6.734 | 159           |                       |      |
|              | 4   | 7.154 | 7.104     | 7.204 | 141           |                       |      |
|              | 5   | 7.396 | 7.346     | 7.446 | 135           |                       |      |
|              |     |       |           |       |               |                       |      |



# SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
 Data File : PP073241.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jun 2025 14:20  
 Operator : YP\AJ  
 Sample : Q2393-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PARK AVE -1

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: Jun 25 14:53:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jun 18 08:17:15 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.492  | 3.786 | 42444186 | 35830686 | 20.108 | 19.886 |
| 2) SA Decachlor...          | 10.181 | 8.791 | 33324226 | 27043472 | 19.500 | 20.262 |

Target Compounds

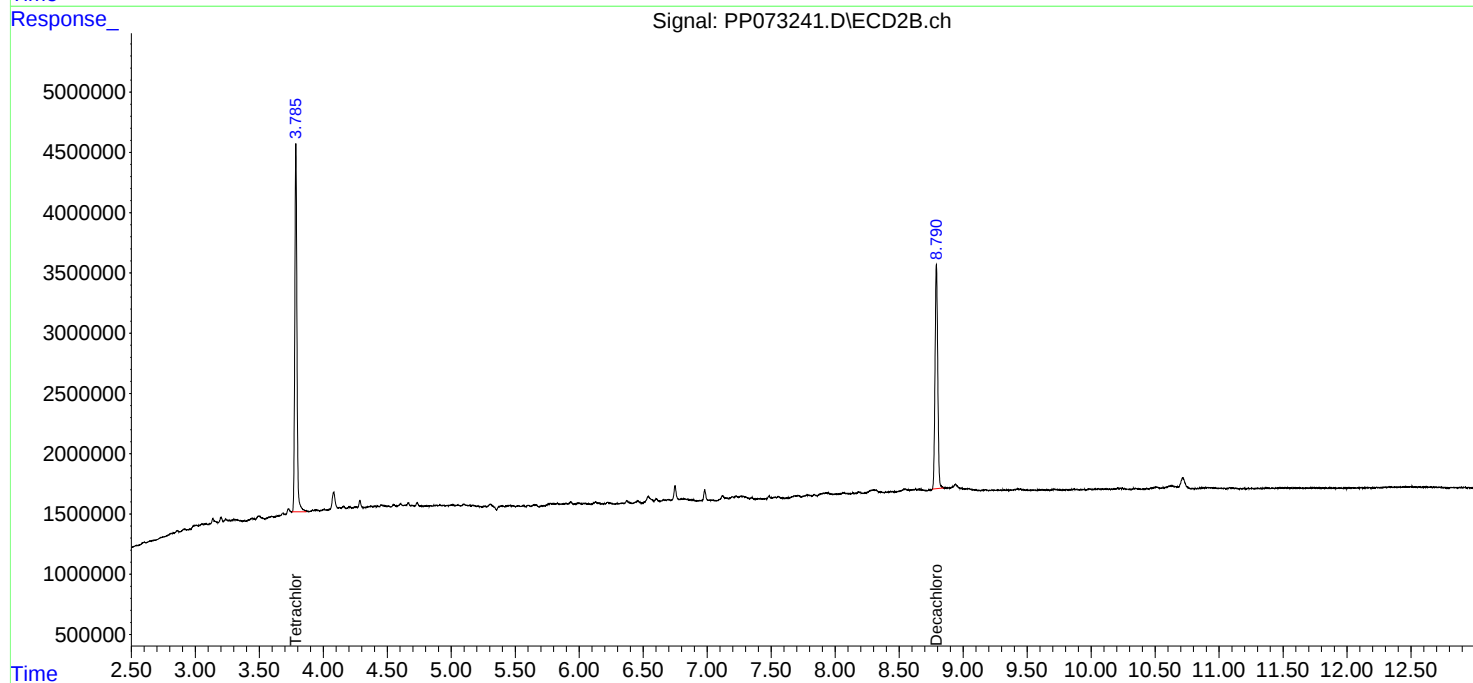
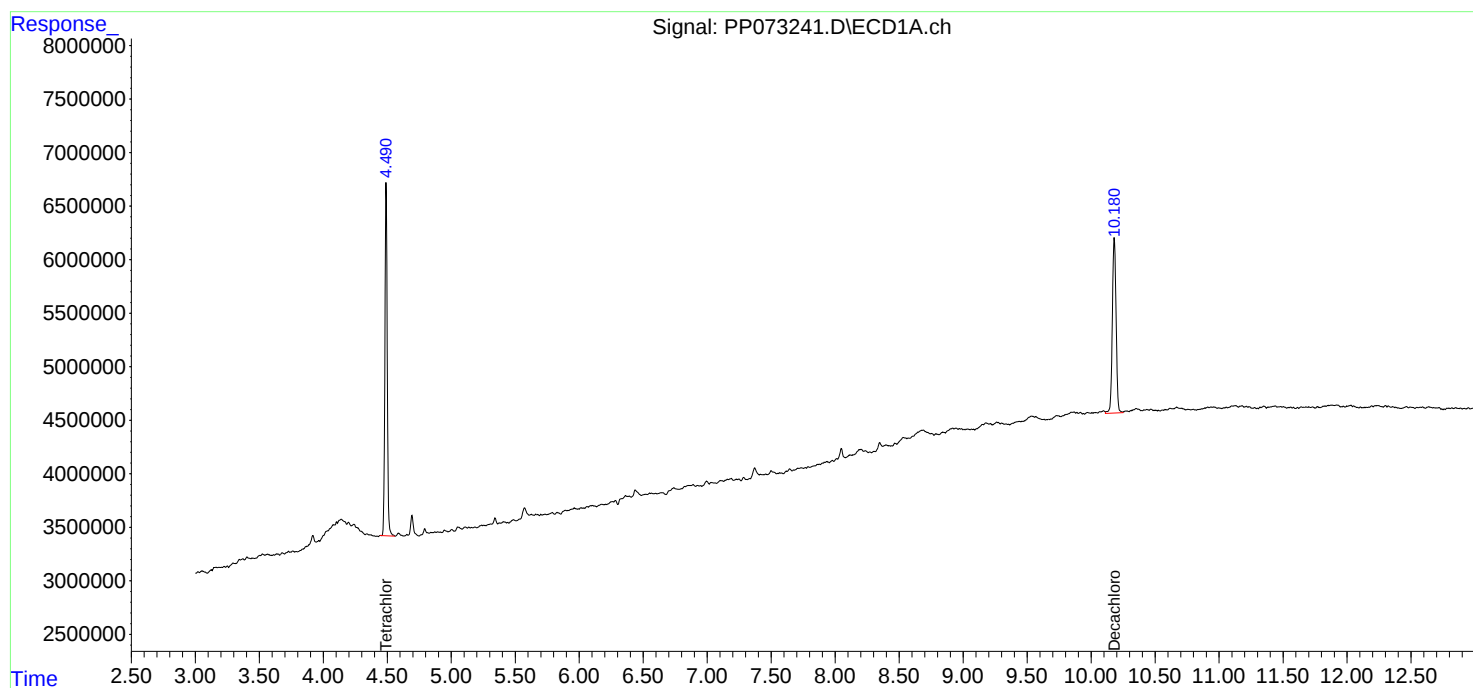
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

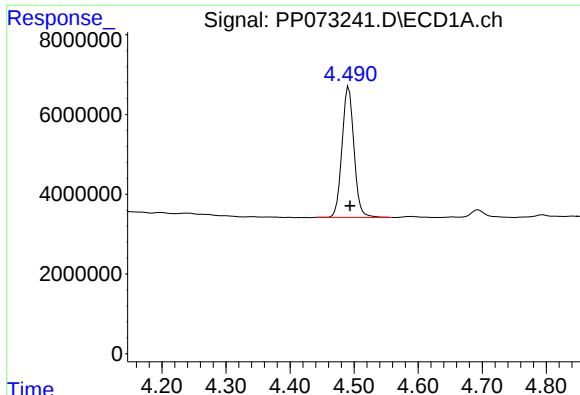
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073241.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 14:20  
Operator : YP\AJ  
Sample : Q2393-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 14:53:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

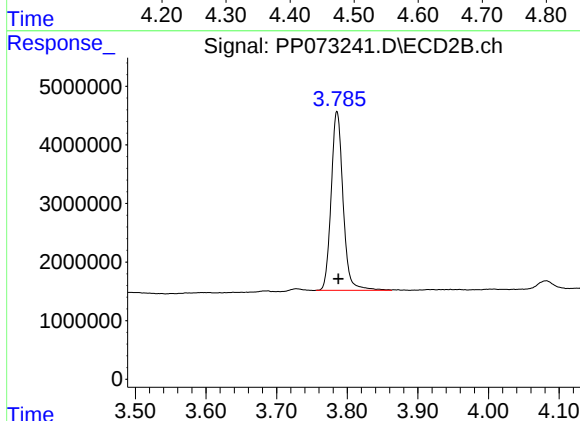




## #1 Tetrachloro-m-xylene

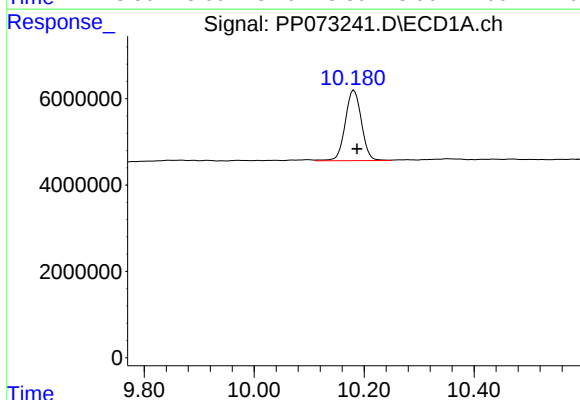
R.T.: 4.492 min  
Delta R.T.: -0.002 min  
Response: 42444186  
Conc: 20.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -1



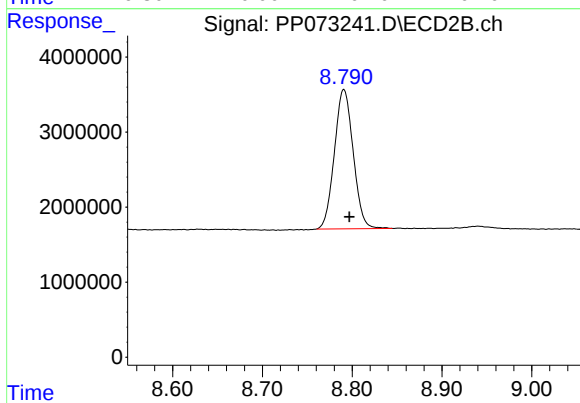
## #1 Tetrachloro-m-xylene

R.T.: 3.786 min  
Delta R.T.: -0.002 min  
Response: 35830686  
Conc: 19.89 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.181 min  
Delta R.T.: -0.006 min  
Response: 33324226  
Conc: 19.50 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.791 min  
Delta R.T.: -0.006 min  
Response: 27043472  
Conc: 20.26 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073242.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 14:37  
Operator : YP\AJ  
Sample : Q2393-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -2

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: Jun 25 15:47:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.493  | 3.785 | 39749099 | 34316265 | 18.831 | 19.046 |
| 2) SA Decachlor...          | 10.184 | 8.792 | 30884671 | 23977209 | 18.073 | 17.964 |

Target Compounds

-----

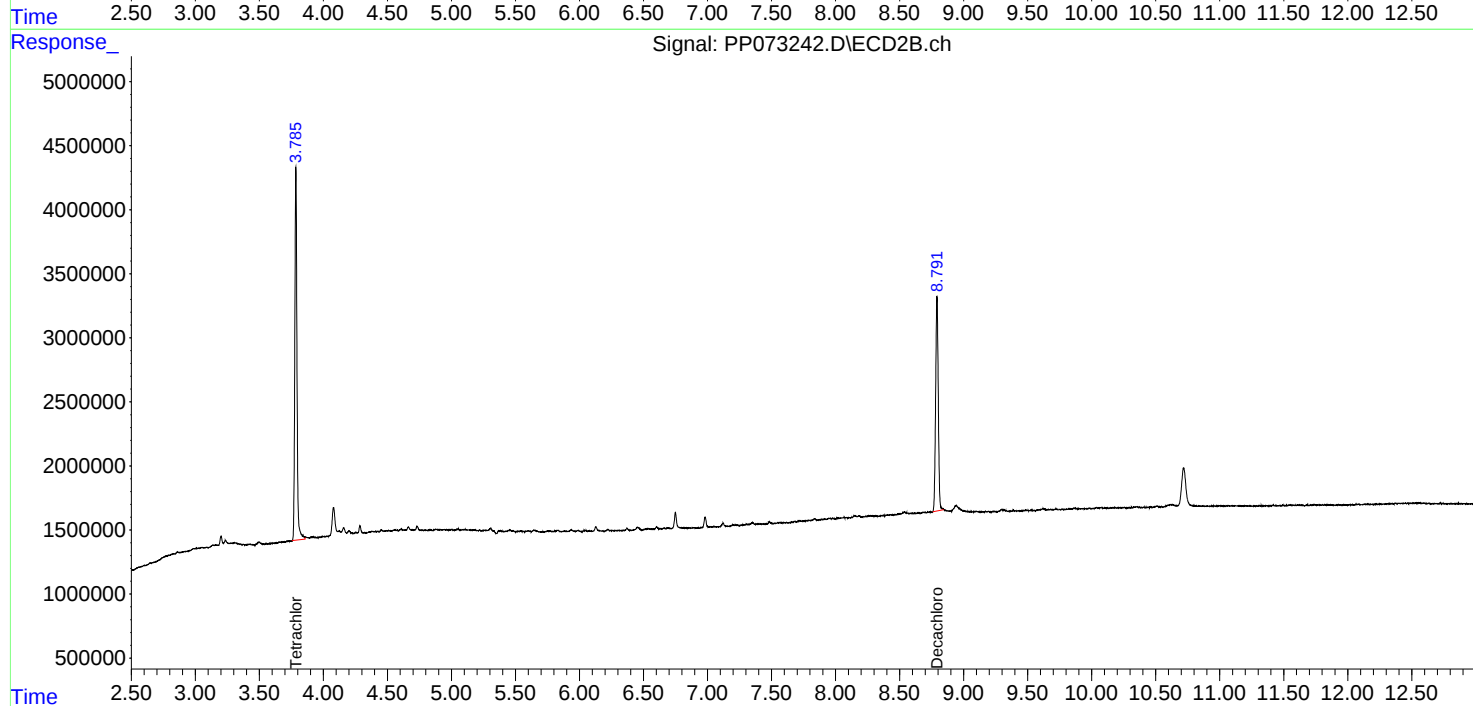
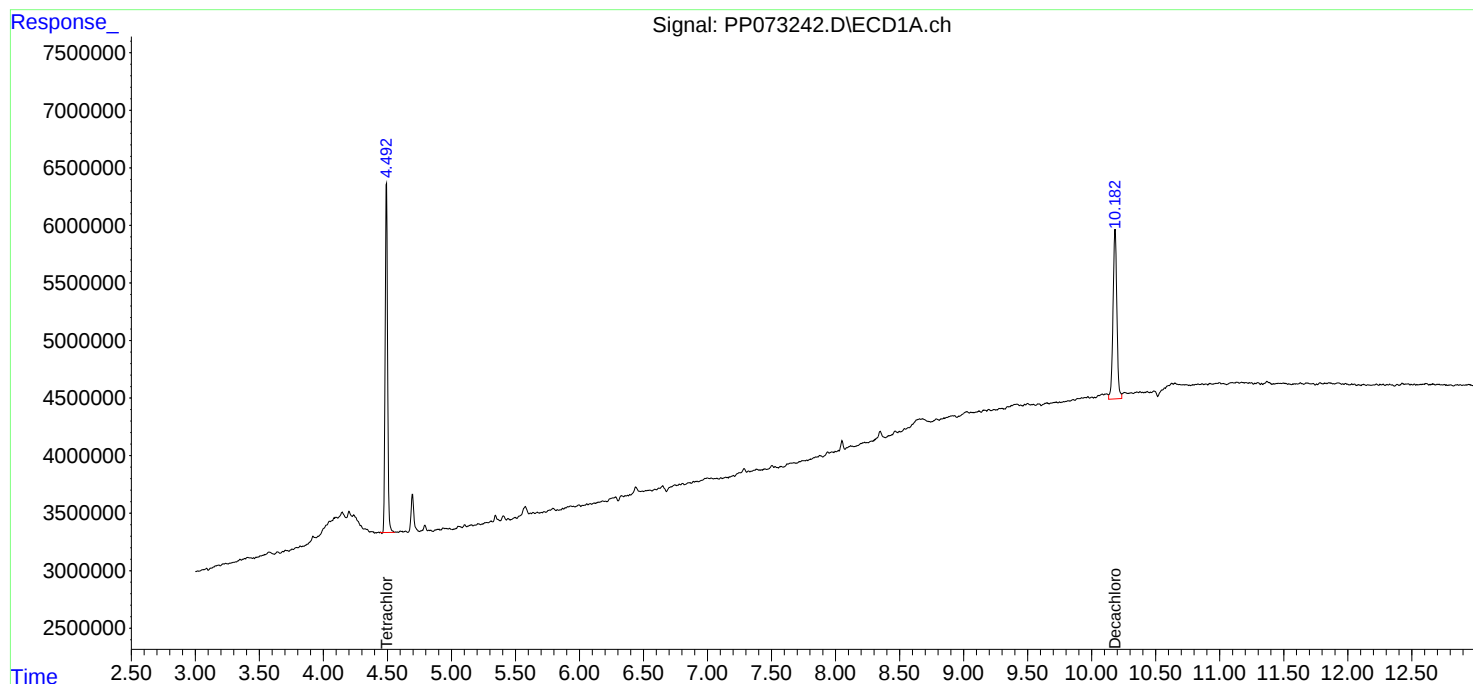
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

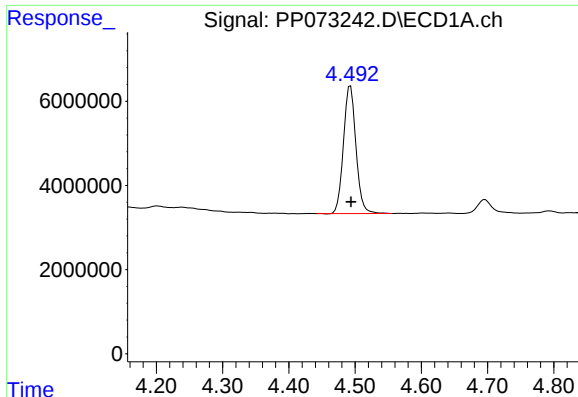
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073242.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 14:37  
Operator : YP\AJ  
Sample : Q2393-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 15:47:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

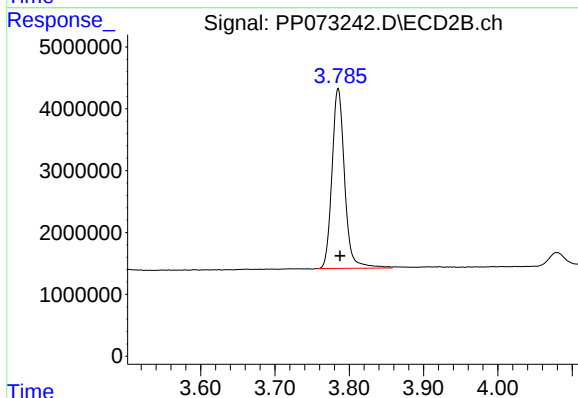




## #1 Tetrachloro-m-xylene

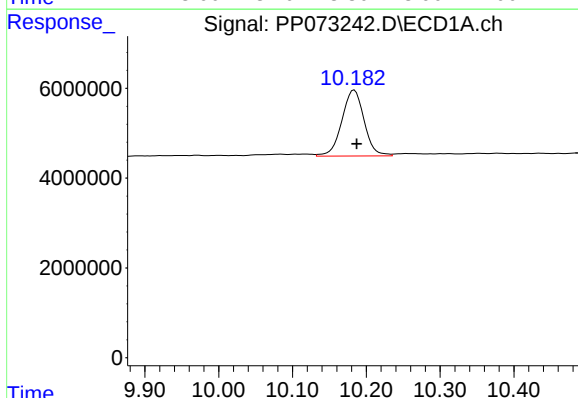
R.T.: 4.493 min  
Delta R.T.: -0.001 min  
Response: 39749099  
Conc: 18.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -2



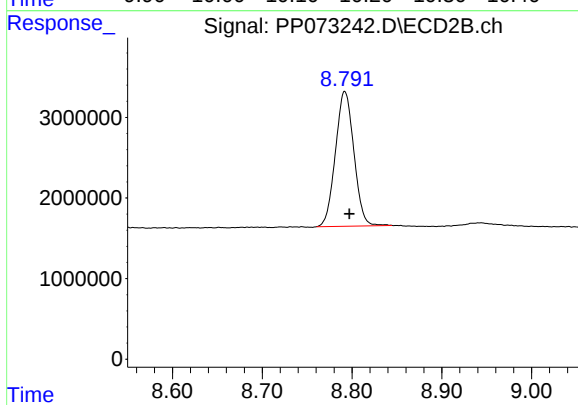
## #1 Tetrachloro-m-xylene

R.T.: 3.785 min  
Delta R.T.: -0.002 min  
Response: 34316265  
Conc: 19.05 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.184 min  
Delta R.T.: -0.003 min  
Response: 30884671  
Conc: 18.07 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.792 min  
Delta R.T.: -0.005 min  
Response: 23977209  
Conc: 17.96 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073243.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 14:53  
Operator : YP\AJ  
Sample : Q2393-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -3

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 15:48:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.491  | 3.786 | 35923787 | 31603142 | 17.019 | 17.540 |
| 2) SA Decachlor...          | 10.182 | 8.792 | 26986535 | 23209348 | 15.792 | 17.389 |

Target Compounds

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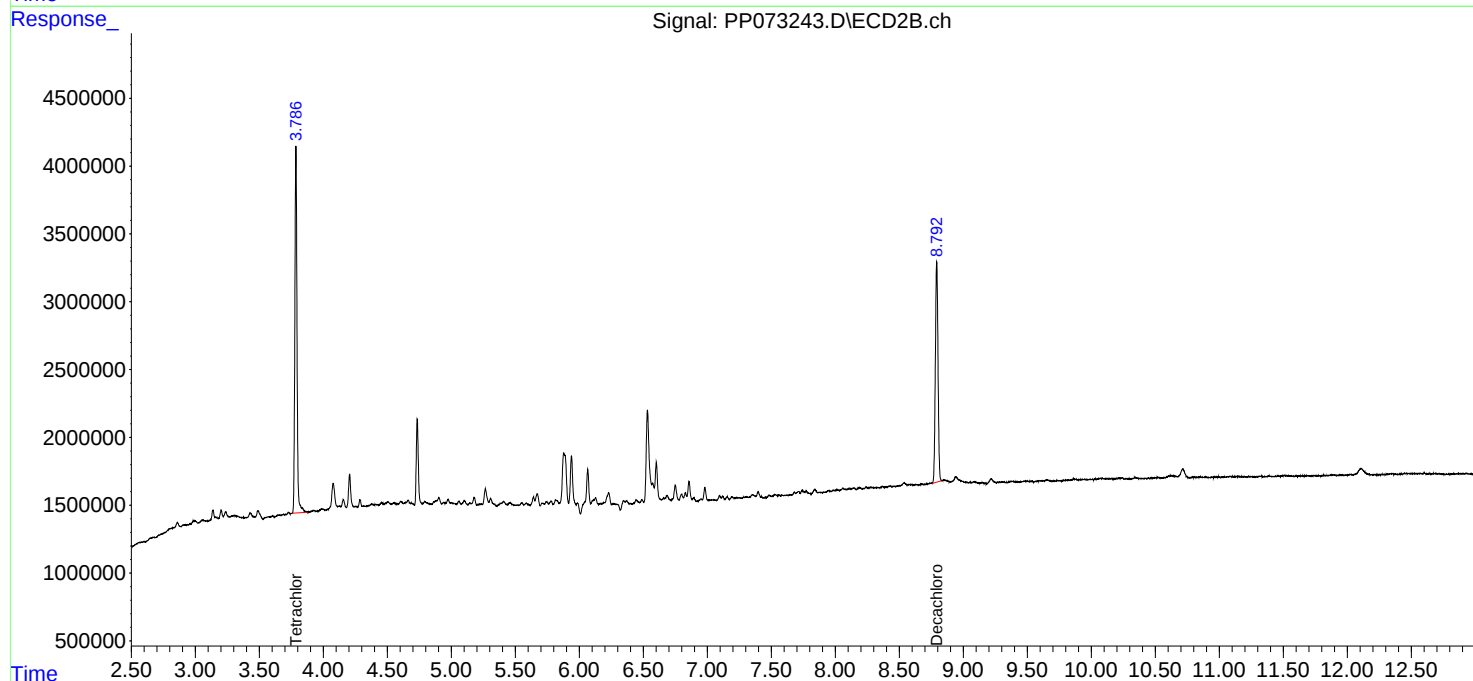
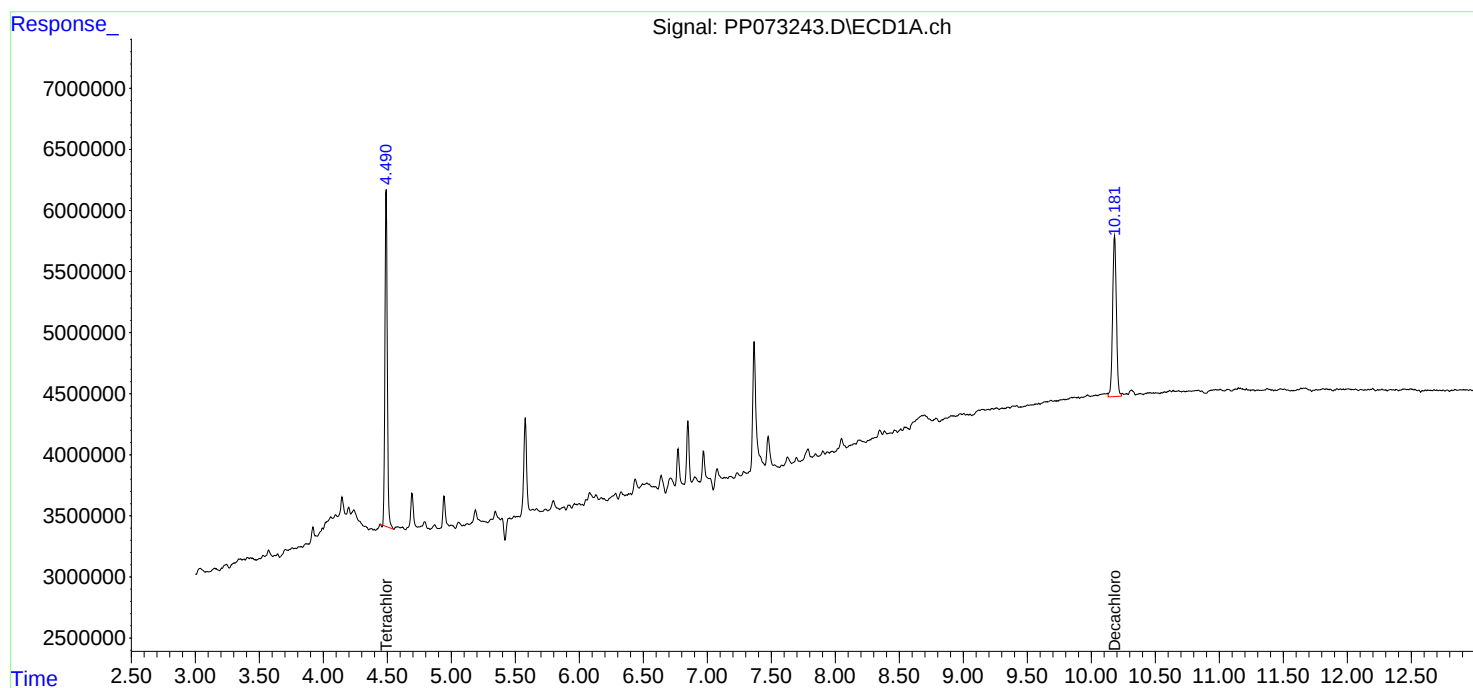
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073243.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 14:53  
Operator : YP\AJ  
Sample : Q2393-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

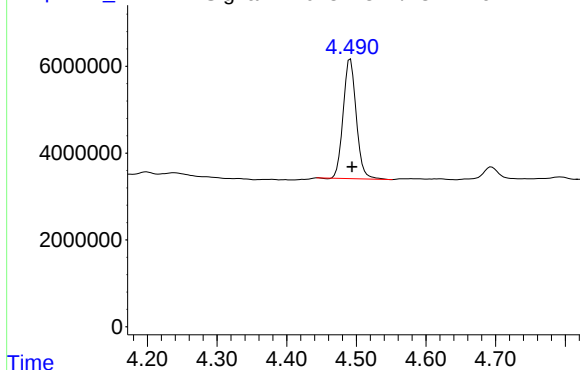
Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -3

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 15:48:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Response\_ Signal: PP073243.D\ECD1A.ch

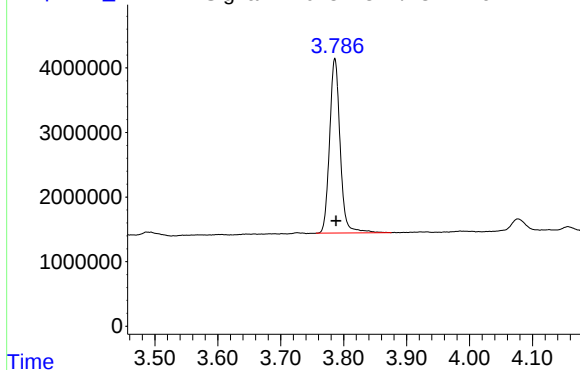


#1 Tetrachloro-m-xylene

R.T.: 4.491 min  
Delta R.T.: -0.003 min  
Response: 35923787  
Conc: 17.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -3

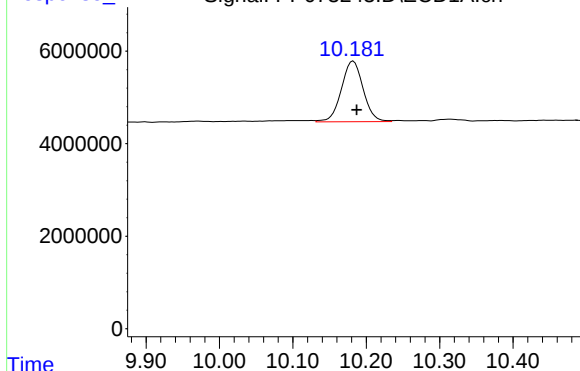
Time Response\_ Signal: PP073243.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.786 min  
Delta R.T.: -0.002 min  
Response: 31603142  
Conc: 17.54 ng/ml

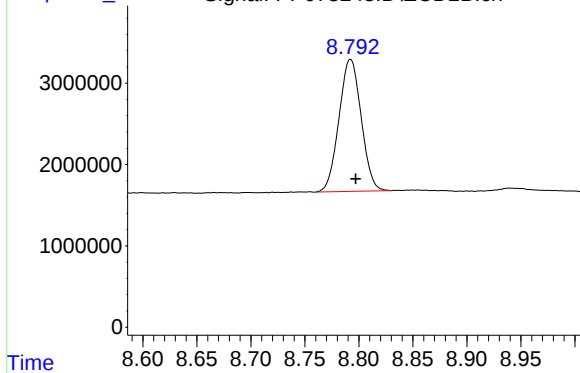
Time Response\_ Signal: PP073243.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.182 min  
Delta R.T.: -0.005 min  
Response: 26986535  
Conc: 15.79 ng/ml

Time Response\_ Signal: PP073243.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.792 min  
Delta R.T.: -0.005 min  
Response: 23209348  
Conc: 17.39 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
 Data File : PP073244.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jun 2025 15:09  
 Operator : YP\AJ  
 Sample : Q2393-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PARK AVE -4

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: Jun 25 15:49:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jun 18 08:17:15 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.489  | 3.785 | 38817977 | 31580368 | 18.390 | 17.527 |
| 2) SA Decachlor...          | 10.180 | 8.792 | 27396163 | 22672599 | 16.032 | 16.987 |

Target Compounds

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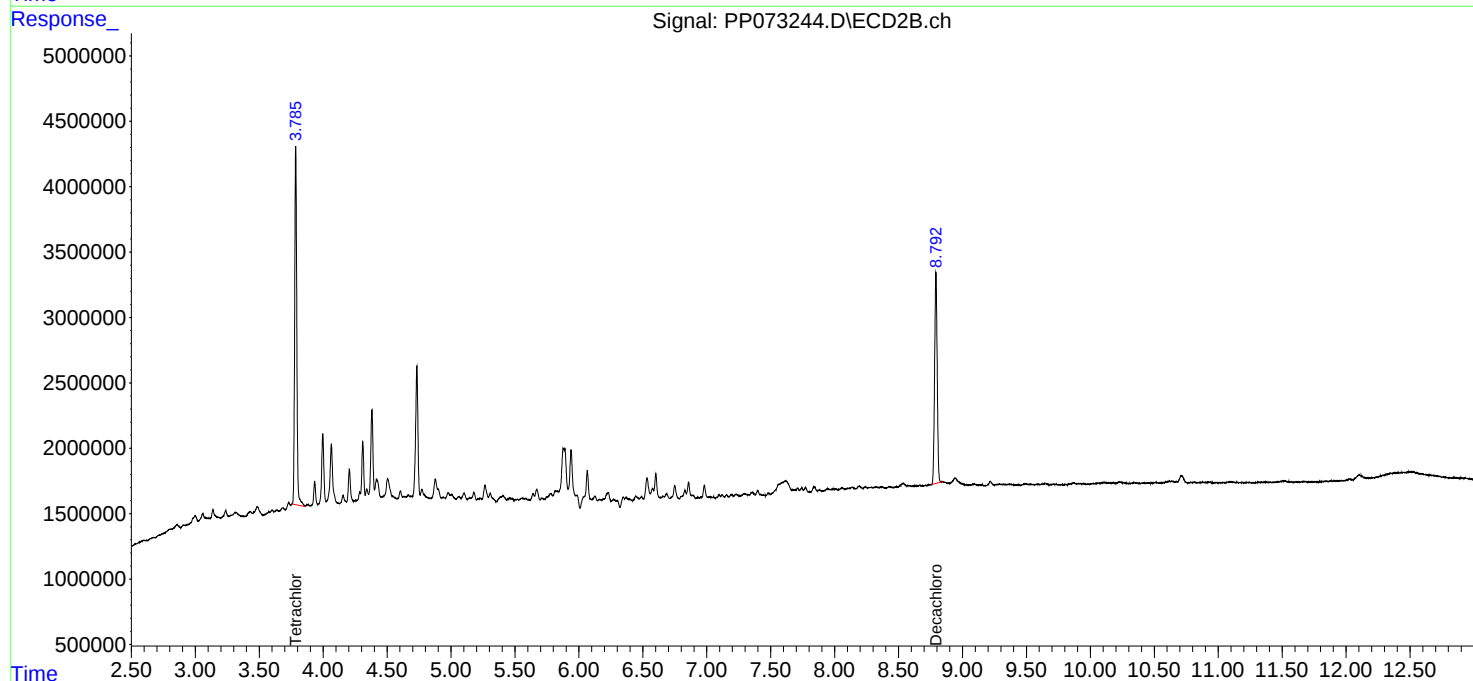
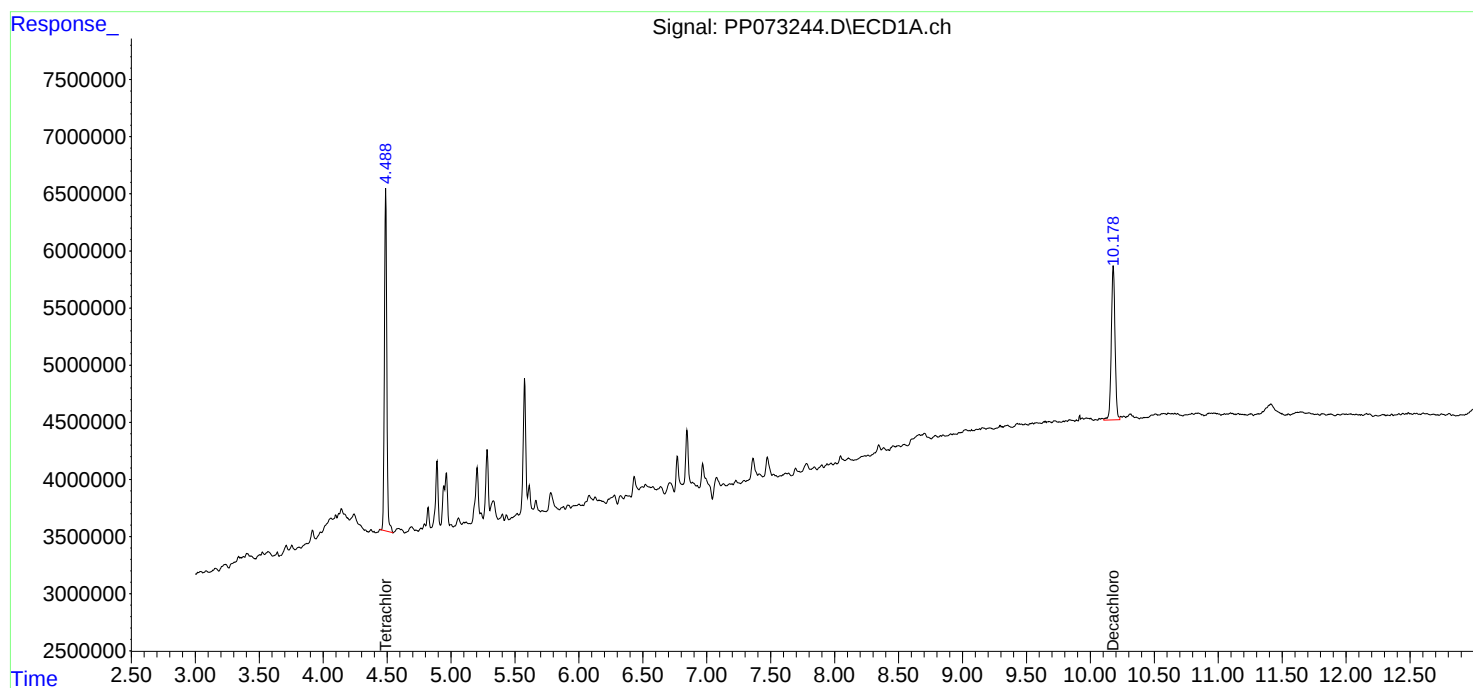
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073244.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 15:09  
Operator : YP\AJ  
Sample : Q2393-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

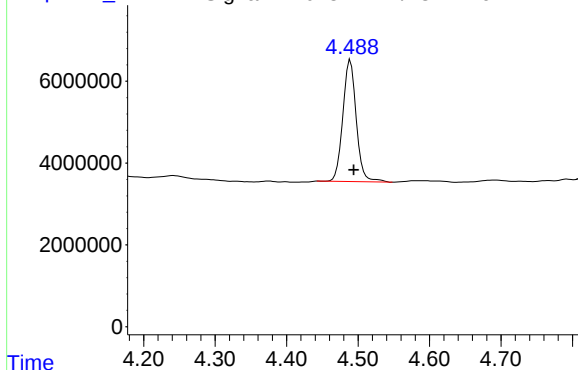
Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -4

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 15:49:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Response\_ Signal: PP073244.D\ECD1A.ch

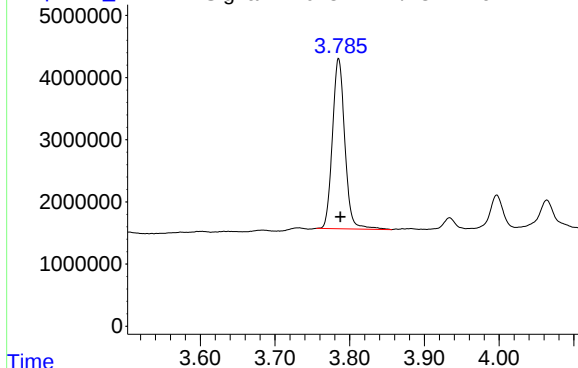


#1 Tetrachloro-m-xylene

R.T.: 4.489 min  
Delta R.T.: -0.005 min  
Response: 38817977  
Conc: 18.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -4

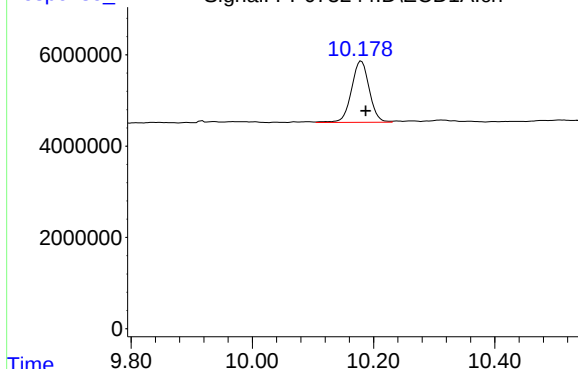
Time Response\_ Signal: PP073244.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.785 min  
Delta R.T.: -0.002 min  
Response: 31580368  
Conc: 17.53 ng/ml

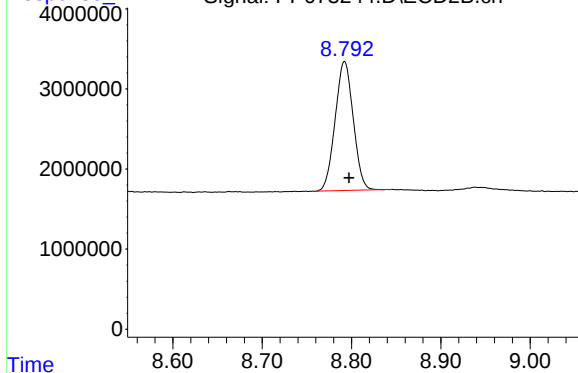
Time Response\_ Signal: PP073244.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.180 min  
Delta R.T.: -0.007 min  
Response: 27396163  
Conc: 16.03 ng/ml

Time Response\_ Signal: PP073244.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.792 min  
Delta R.T.: -0.005 min  
Response: 22672599  
Conc: 16.99 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073250.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 17:21  
Operator : YP\AJ  
Sample : Q2393-09  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -5

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 01:50:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.492  | 3.786 | 36554946 | 31061981 | 17.318 | 17.239 |
| 2) SA Decachlor...          | 10.184 | 8.793 | 24621086 | 20607700 | 14.408 | 15.440 |

Target Compounds

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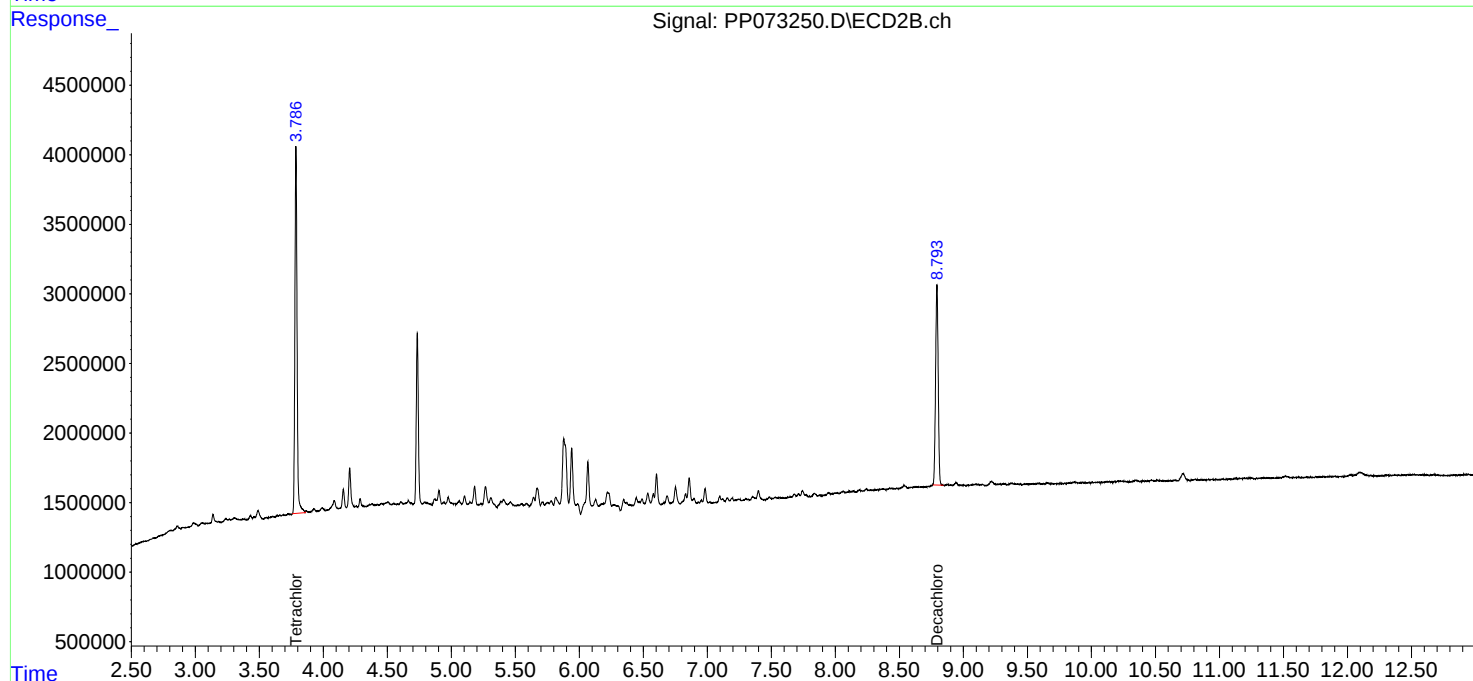
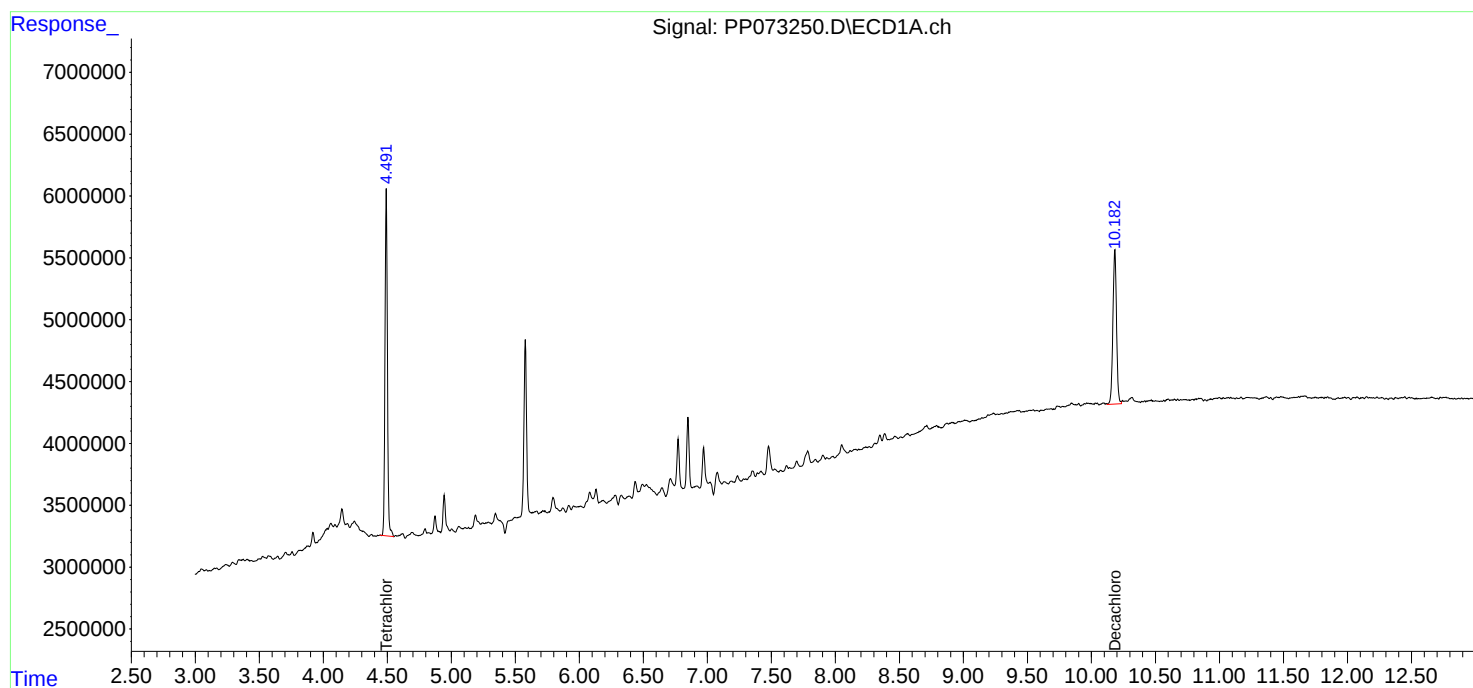
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073250.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 17:21  
Operator : YP\AJ  
Sample : Q2393-09  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

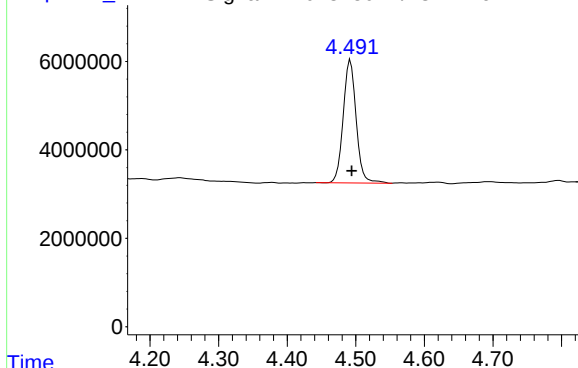
Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -5

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 01:50:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Response\_ Signal: PP073250.D\ECD1A.ch

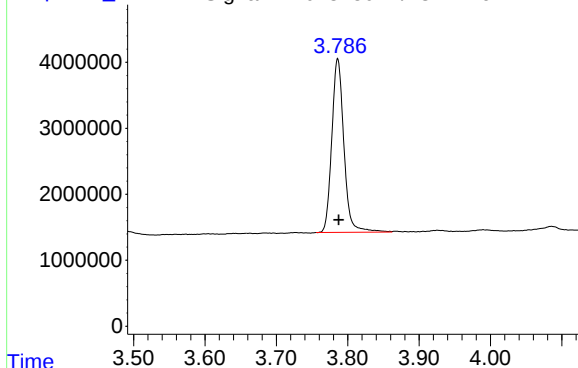


#1 Tetrachloro-m-xylene

R.T.: 4.492 min  
Delta R.T.: -0.002 min  
Response: 36554946  
Conc: 17.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -5

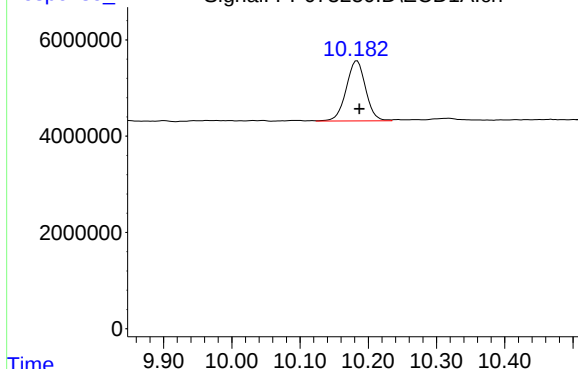
Time Response\_ Signal: PP073250.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.786 min  
Delta R.T.: -0.002 min  
Response: 31061981  
Conc: 17.24 ng/ml

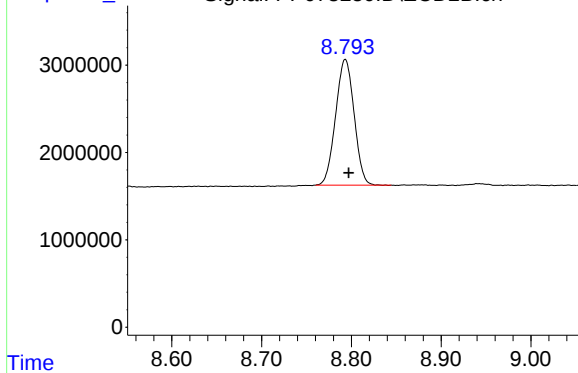
Response\_ Signal: PP073250.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.184 min  
Delta R.T.: -0.003 min  
Response: 24621086  
Conc: 14.41 ng/ml

Time Response\_ Signal: PP073250.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.793 min  
Delta R.T.: -0.004 min  
Response: 20607700  
Conc: 15.44 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
 Data File : PP073251.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jun 2025 17:37  
 Operator : YP\AJ  
 Sample : Q2393-11  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PARK AVE -6

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: Jun 26 01:50:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jun 18 08:17:15 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.492  | 3.787 | 35474635 | 29972376 | 16.806 | 16.635 |
| 2) SA Decachlor...          | 10.183 | 8.793 | 24750916 | 20320024 | 14.484 | 15.224 |

Target Compounds

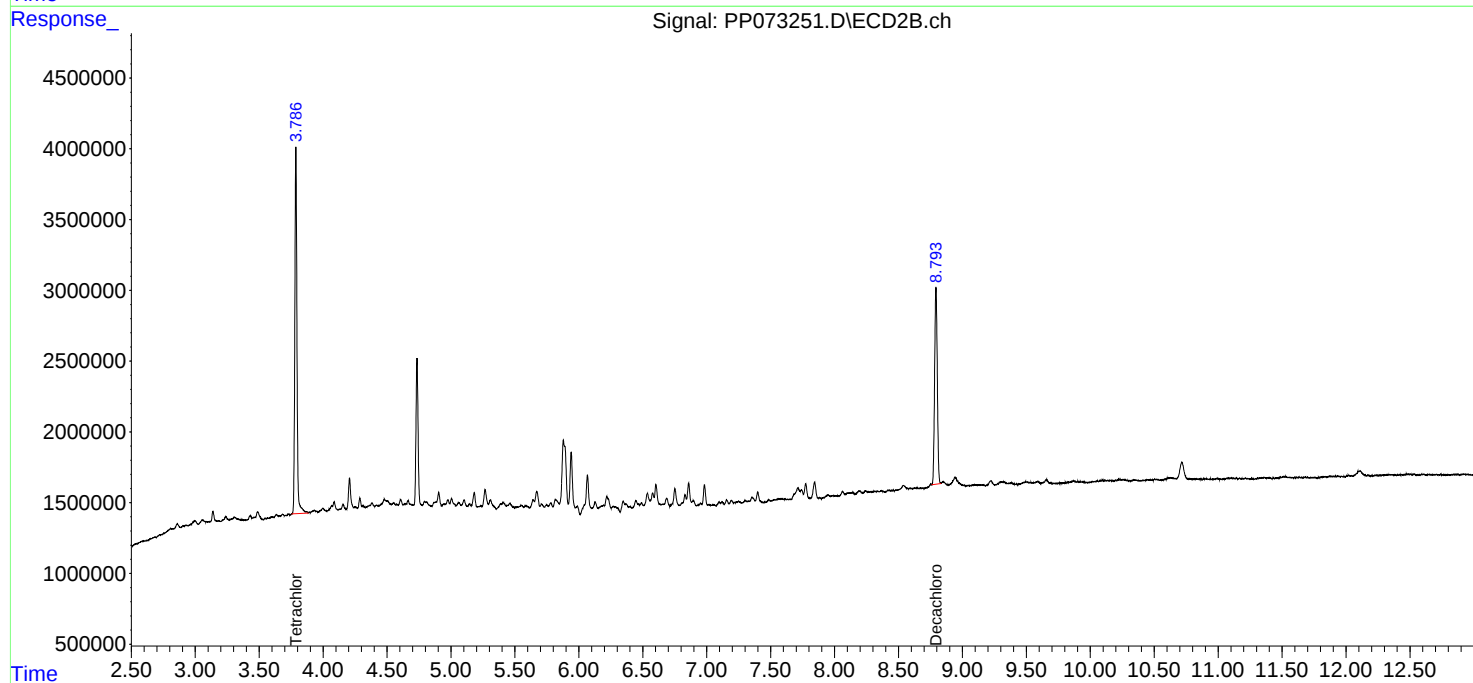
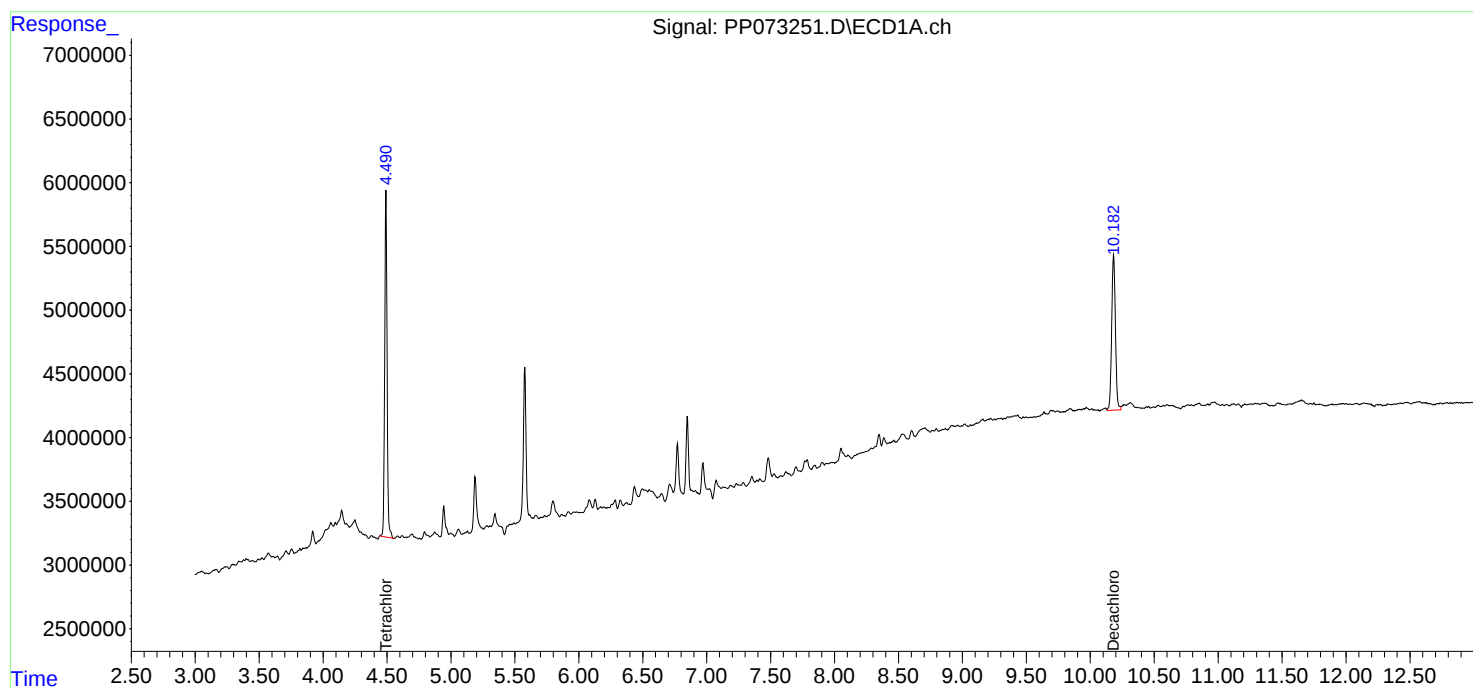
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073251.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 17:37  
Operator : YP\AJ  
Sample : Q2393-11  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

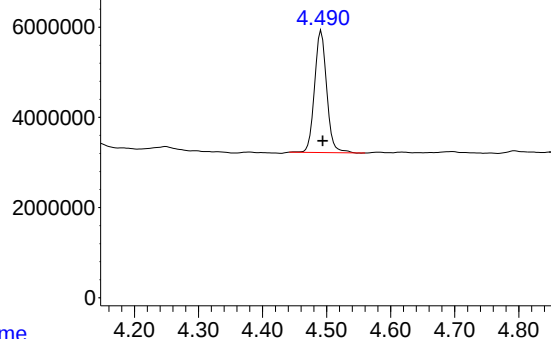
Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -6

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 01:50:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Response\_ Signal: PP073251.D\ECD1A.ch

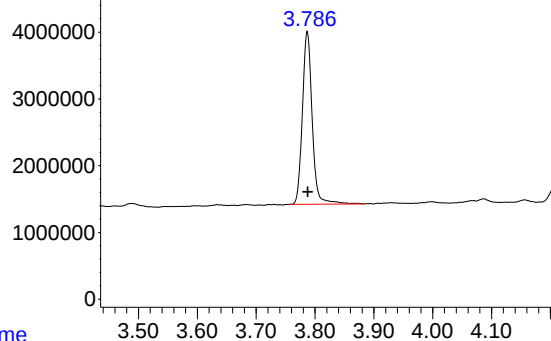


#1 Tetrachloro-m-xylene

R.T.: 4.492 min  
Delta R.T.: -0.002 min  
Response: 35474635  
Conc: 16.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PARK AVE -6

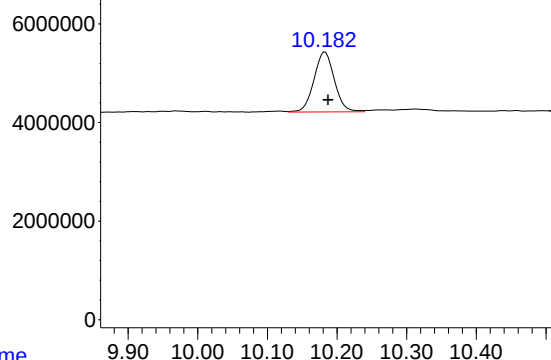
Time Response\_ Signal: PP073251.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.787 min  
Delta R.T.: 0.000 min  
Response: 29972376  
Conc: 16.63 ng/ml

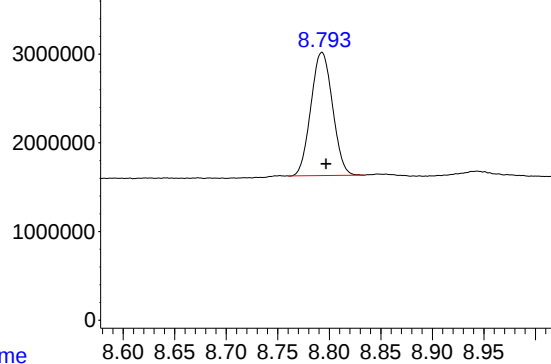
Time Response\_ Signal: PP073251.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.183 min  
Delta R.T.: -0.004 min  
Response: 24750916  
Conc: 14.48 ng/ml

Time Response\_ Signal: PP073251.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.793 min  
Delta R.T.: -0.004 min  
Response: 20320024  
Conc: 15.22 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
 Data File : PP073236.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jun 2025 12:59  
 Operator : YP\AJ  
 Sample : PB168607BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB168607BL

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2025  
 Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 25 14:14:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jun 18 08:17:15 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|--------|-------|----------|----------|---------|--------|
| -----                       |        |       |          |          |         |        |
| System Monitoring Compounds |        |       |          |          |         |        |
| 1) SA Tetrachlo...          | 4.490  | 3.785 | 41696115 | 35293742 | 19.754  | 19.588 |
| 2) SA Decachlor...          | 10.179 | 8.791 | 33415067 | 27393482 | 19.554m | 20.524 |

### Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073236.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 12:59  
Operator : YP\AJ  
Sample : PB168607BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

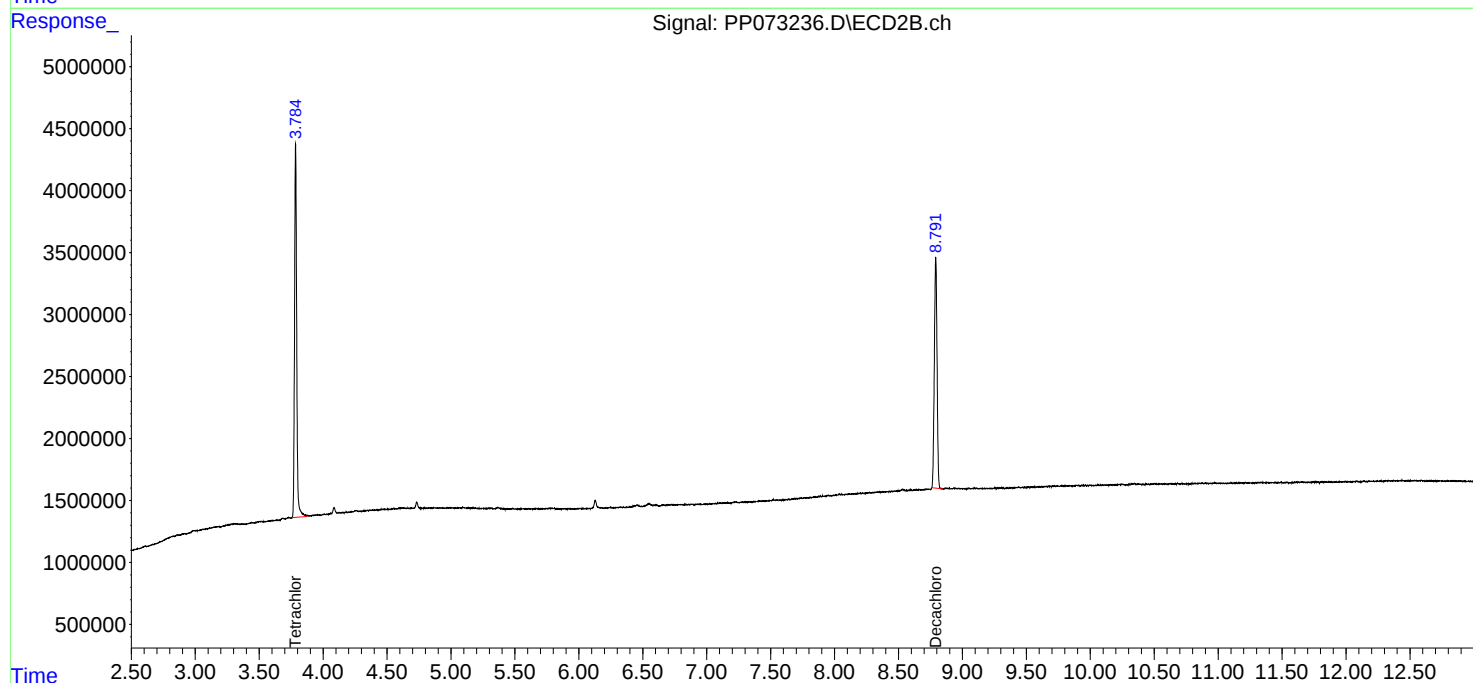
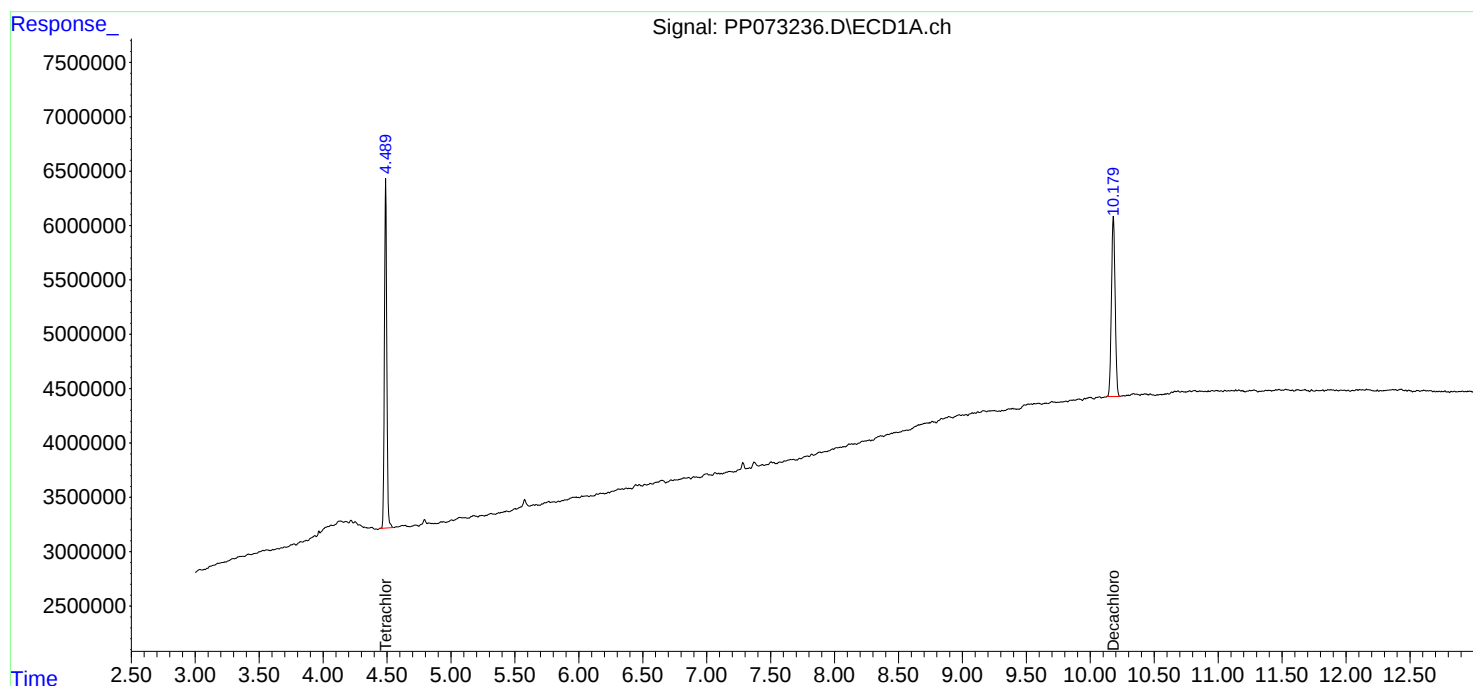
Instrument :  
ECD\_P  
ClientSampleId :  
PB168607BL

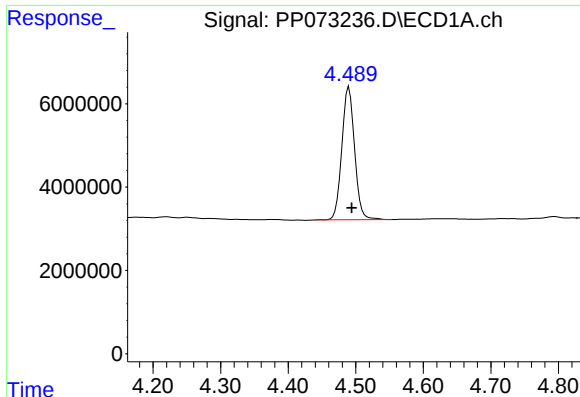
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/26/2025  
Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 14:14:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





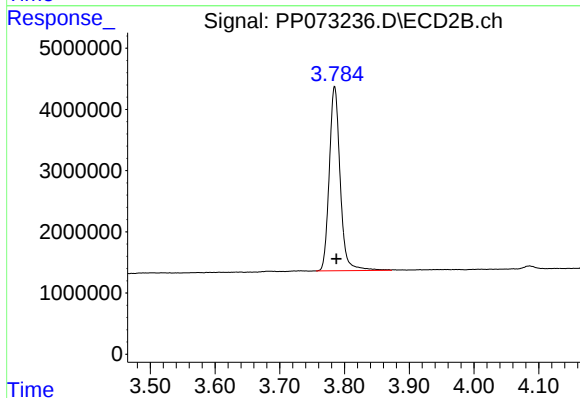
## #1 Tetrachloro-m-xylene

R.T.: 4.490 min  
Delta R.T.: -0.004 min  
Response: 41696115  
Conc: 19.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB168607BL

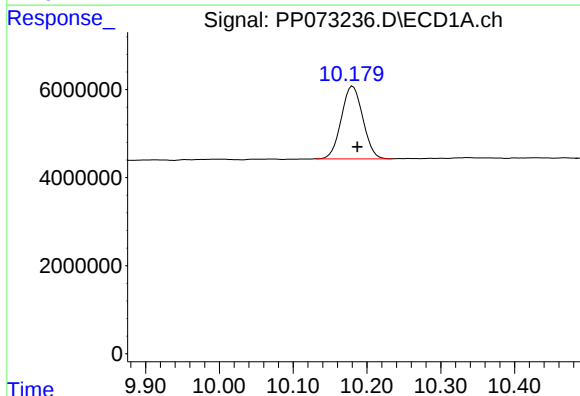
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/26/2025  
Supervised By :mohammad ahmed 06/27/2025



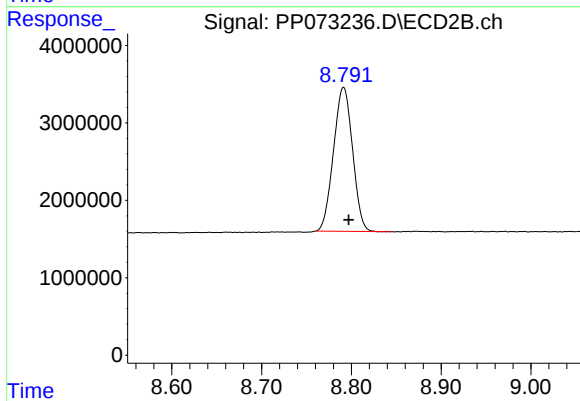
## #1 Tetrachloro-m-xylene

R.T.: 3.785 min  
Delta R.T.: -0.003 min  
Response: 35293742  
Conc: 19.59 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.179 min  
Delta R.T.: -0.008 min  
Response: 33415067  
Conc: 19.55 ng/ml m



## #2 Decachlorobiphenyl

R.T.: 8.791 min  
Delta R.T.: -0.006 min  
Response: 27393482  
Conc: 20.52 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
 Data File : PP073237.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jun 2025 13:15  
 Operator : YP\AJ  
 Sample : PB168607BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB168607BS

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2025  
 Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 25 14:15:31 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jun 18 08:17:15 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.491  | 3.783 | 42591028 | 34495442 | 20.178  | 19.145  |
| 2) SA Decachlor...          | 10.182 | 8.790 | 34902616 | 28773664 | 20.424  | 21.558m |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.642  | 4.863 | 34283674 | 31440257 | 471.762 | 457.528 |
| 4) L1 AR-1016-2             | 5.663  | 4.881 | 52258682 | 47697086 | 502.387 | 473.945 |
| 5) L1 AR-1016-3             | 5.725  | 5.058 | 32505721 | 25670274 | 497.422 | 469.153 |
| 6) L1 AR-1016-4             | 5.823  | 5.099 | 27667527 | 20565137 | 529.210 | 461.623 |
| 7) L1 AR-1016-5             | 6.115  | 5.313 | 23839219 | 25908894 | 476.736 | 468.665 |
| 31) L7 AR-1260-1            | 7.232  | 6.343 | 47935261 | 45262172 | 543.401 | 477.799 |
| 32) L7 AR-1260-2            | 7.486  | 6.532 | 72865209 | 55895129 | 536.232 | 480.049 |
| 33) L7 AR-1260-3            | 7.844  | 6.683 | 51594177 | 50023078 | 451.977 | 480.247 |
| 34) L7 AR-1260-4            | 8.067  | 7.153 | 50231625 | 37010739 | 487.470 | 421.830 |
| 35) L7 AR-1260-5            | 8.386  | 7.396 | 108.9E6  | 90160509 | 452.734 | 422.495 |
| -----                       |        |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073237.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 13:15  
Operator : YP\AJ  
Sample : PB168607BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_P

## ClientSampleId :

PB168607BS

## Manual Integrations

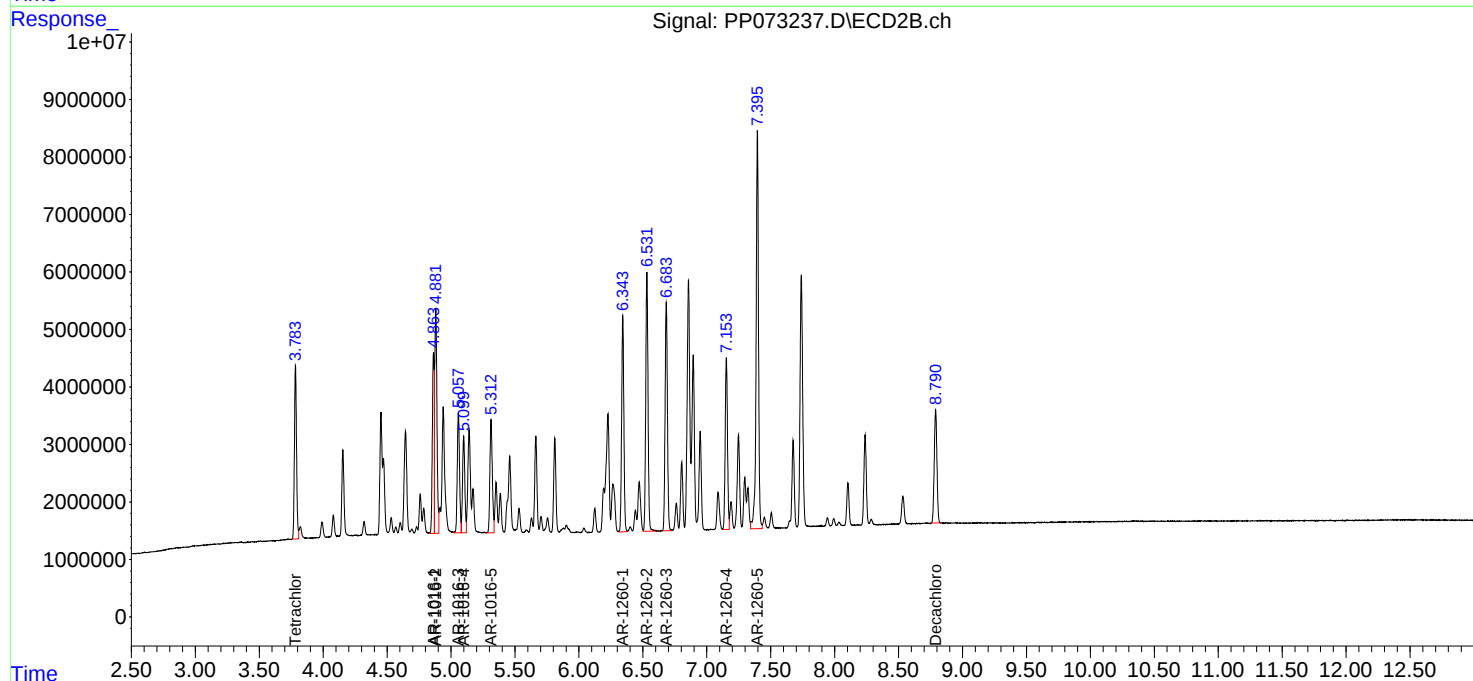
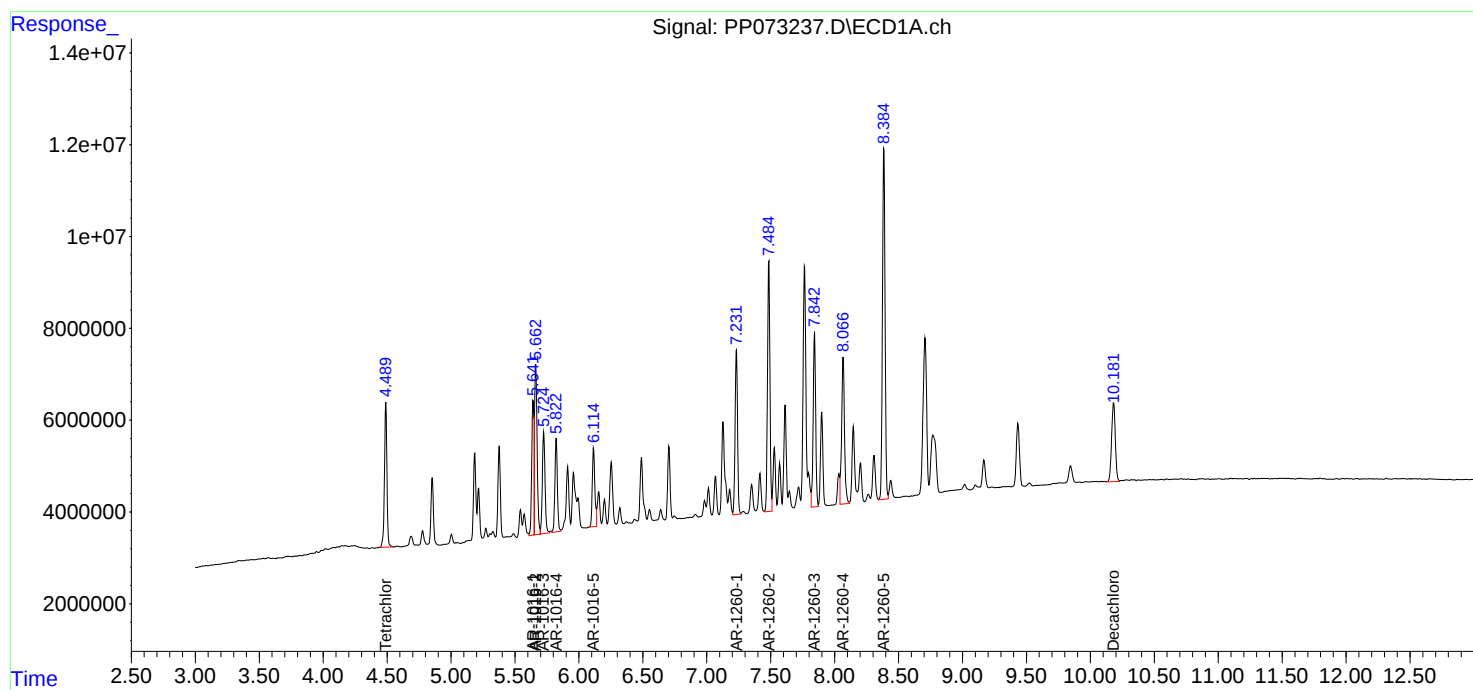
APPROVED

Reviewed By :Yogesh Patel 06/26/2025

Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 14:15:31 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
 Data File : PP073239.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jun 2025 13:47  
 Operator : YP\AJ  
 Sample : Q2392-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 S-1MS

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: Jun 25 14:16:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jun 18 08:17:15 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.487  | 3.784 | 43911395 | 34224965 | 20.803  | 18.995  |
| 2) SA Decachlor...          | 10.177 | 8.791 | 34774921 | 29306529 | 20.349  | 21.957  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.639  | 4.864 | 31651692 | 28152550 | 435.545 | 409.684 |
| 4) L1 AR-1016-2             | 5.660  | 4.882 | 49068536 | 42162450 | 471.719 | 418.949 |
| 5) L1 AR-1016-3             | 5.723  | 5.058 | 29765983 | 23179787 | 455.497 | 423.637 |
| 6) L1 AR-1016-4             | 5.820  | 5.100 | 25522749 | 18794096 | 488.185 | 421.869 |
| 7) L1 AR-1016-5             | 6.112  | 5.314 | 22341122 | 23411234 | 446.777 | 423.485 |
| 31) L7 AR-1260-1            | 7.228  | 6.344 | 45191203 | 43373225 | 512.294 | 457.859 |
| 32) L7 AR-1260-2            | 7.482  | 6.533 | 67340779 | 52258016 | 495.576 | 448.812 |
| 33) L7 AR-1260-3            | 7.840  | 6.685 | 46874779 | 47087154 | 410.634 | 452.061 |
| 34) L7 AR-1260-4            | 8.063  | 7.154 | 45641284 | 34836377 | 442.924 | 397.048 |
| 35) L7 AR-1260-5            | 8.382  | 7.396 | 97288146 | 82747653 | 404.318 | 387.758 |
| -----                       |        |       |          |          |         |         |

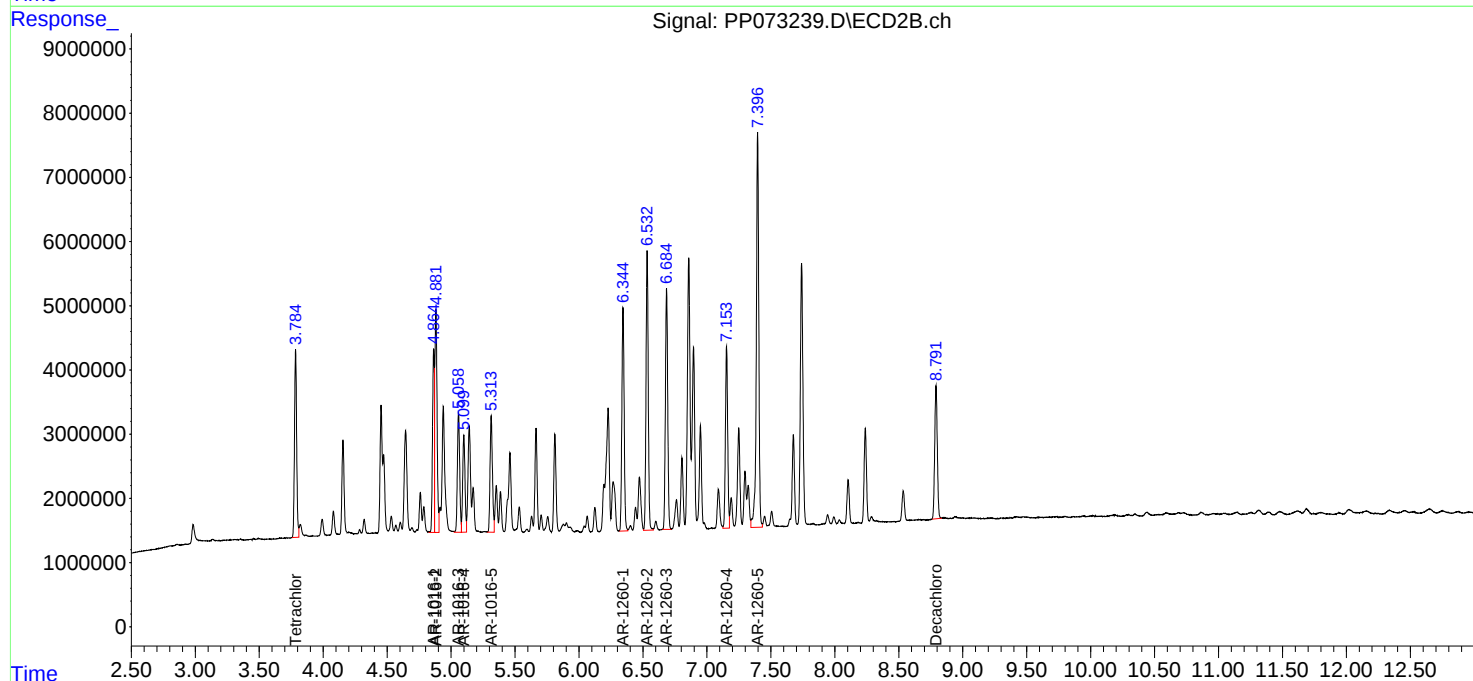
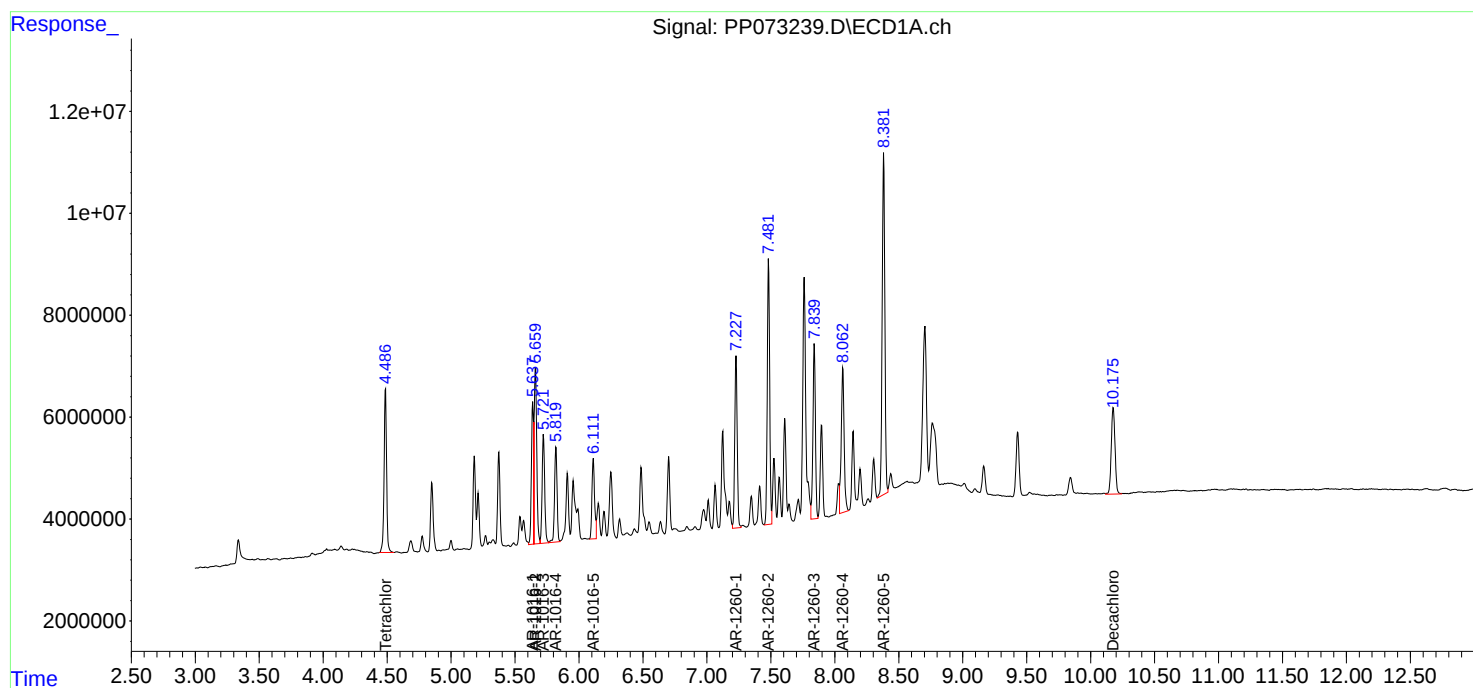
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073239.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 13:47  
Operator : YP\AJ  
Sample : Q2392-01MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
S-1MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 14:16:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
 Data File : PP073240.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jun 2025 14:04  
 Operator : YP\AJ  
 Sample : Q2392-01MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 S-1MSD

A  
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L

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 25 14:50:24 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jun 18 08:17:15 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.490  | 3.784 | 40509529 | 31097410 | 19.191  | 17.259  |
| 2) SA Decachlor...          | 10.181 | 8.790 | 31533129 | 26169400 | 18.452  | 19.607  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.642  | 4.864 | 31724813 | 27909592 | 436.551 | 406.149 |
| 4) L1 AR-1016-2             | 5.663  | 4.881 | 48321827 | 41427136 | 464.541 | 411.643 |
| 5) L1 AR-1016-3             | 5.725  | 5.058 | 29606262 | 22990362 | 453.053 | 420.175 |
| 6) L1 AR-1016-4             | 5.822  | 5.100 | 25210546 | 18641418 | 482.214 | 418.442 |
| 7) L1 AR-1016-5             | 6.115  | 5.313 | 22344818 | 23141391 | 446.851 | 418.604 |
| 31) L7 AR-1260-1            | 7.232  | 6.344 | 45089771 | 41749952 | 511.144 | 440.723 |
| 32) L7 AR-1260-2            | 7.484  | 6.533 | 67026864 | 50181853 | 493.266 | 430.981 |
| 33) L7 AR-1260-3            | 7.843  | 6.684 | 46445037 | 46073807 | 406.869 | 442.332 |
| 34) L7 AR-1260-4            | 8.066  | 7.154 | 46433419 | 34225332 | 450.611 | 390.083 |
| 35) L7 AR-1260-5            | 8.384  | 7.396 | 97949533 | 79765117 | 407.067 | 373.781 |
| -----                       |        |       |          |          |         |         |

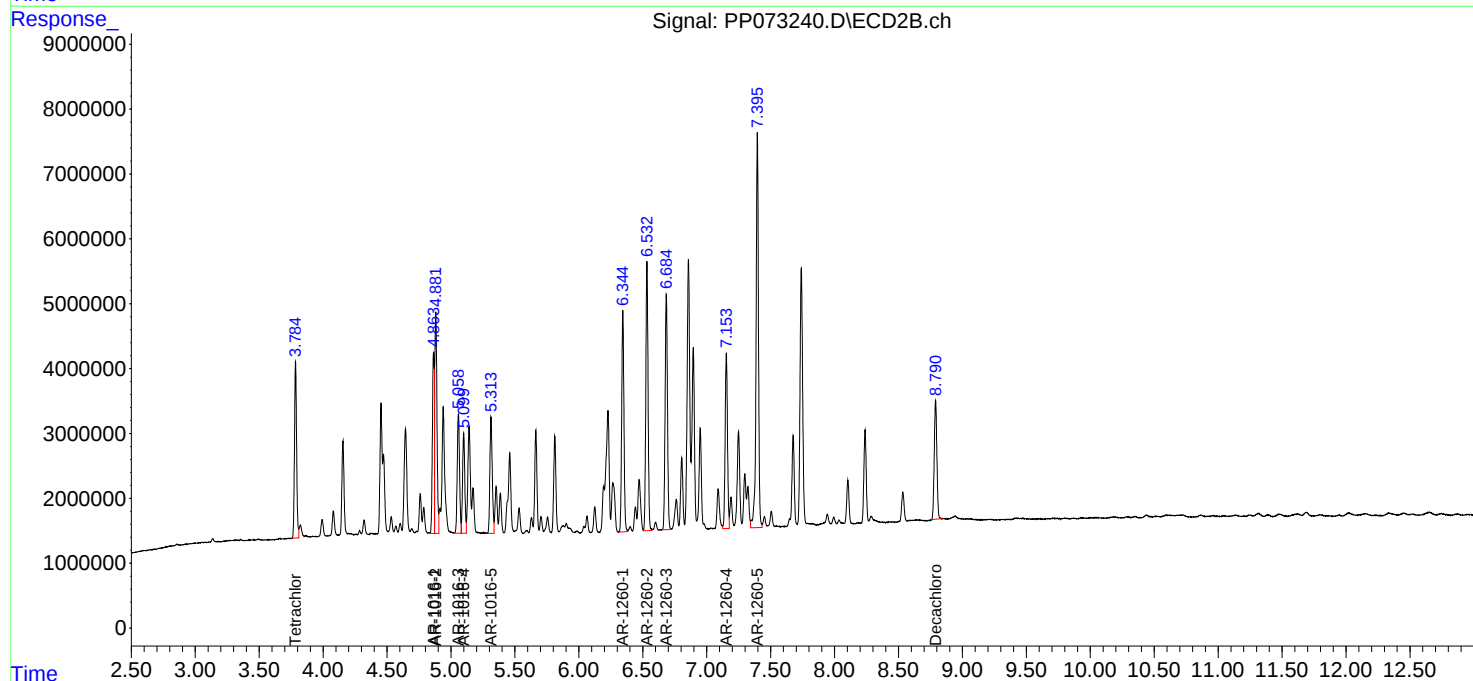
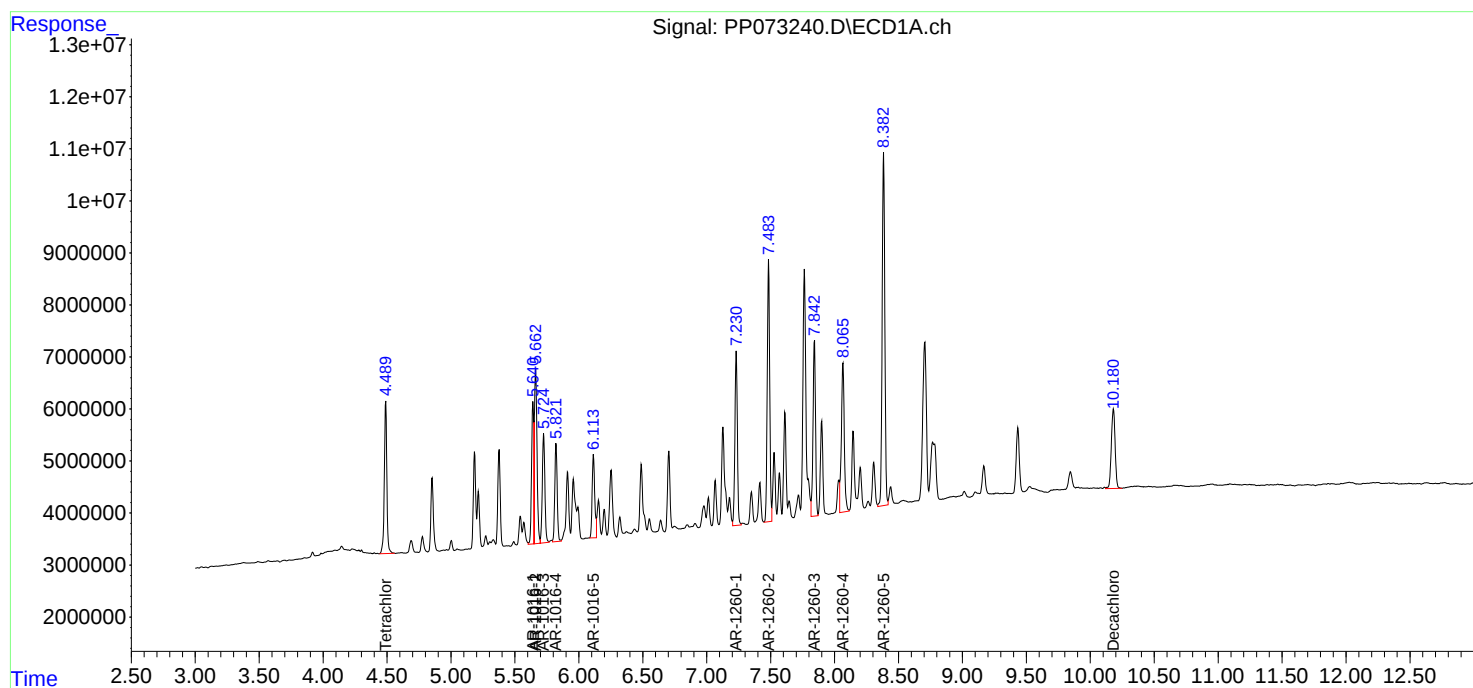
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062525\  
Data File : PP073240.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2025 14:04  
Operator : YP\AJ  
Sample : Q2392-01MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
S-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 14:50:24 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 18 08:17:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pp061725 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter          | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|--------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1660ICC250 | PP072994.D | Decachlorobiphenyl | yogesh    | 6/18/2025 8:42:19 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1660ICC050 | PP072995.D | AR-1016-1          | yogesh    | 6/18/2025 8:42:20 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1660ICC050 | PP072995.D | AR-1016-2          | yogesh    | 6/18/2025 8:42:20 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1660ICC050 | PP072995.D | AR-1016-3          | yogesh    | 6/18/2025 8:42:20 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1660ICC050 | PP072995.D | AR-1016-4          | yogesh    | 6/18/2025 8:42:20 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1660ICC050 | PP072995.D | AR-1016-5          | yogesh    | 6/18/2025 8:42:20 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1242ICC050 | PP073002.D | AR-1242-1          | yogesh    | 6/18/2025 8:42:22 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1242ICC050 | PP073002.D | AR-1242-1 #2       | yogesh    | 6/18/2025 8:42:22 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1242ICC050 | PP073002.D | AR-1242-2          | yogesh    | 6/18/2025 8:42:22 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1242ICC050 | PP073002.D | AR-1242-2 #2       | yogesh    | 6/18/2025 8:42:22 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1242ICC050 | PP073002.D | AR-1242-3          | yogesh    | 6/18/2025 8:42:22 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1242ICC050 | PP073002.D | AR-1242-3 #2       | yogesh    | 6/18/2025 8:42:22 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1242ICC050 | PP073002.D | AR-1242-4          | yogesh    | 6/18/2025 8:42:22 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pp061725

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter          | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|--------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1242ICC050 | PP073002.D | AR-1242-4 #2       | yogesh    | 6/18/2025 8:42:22 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1242ICC050 | PP073002.D | AR-1242-5          | yogesh    | 6/18/2025 8:42:22 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1242ICC050 | PP073002.D | Decachlorobiphenyl | yogesh    | 6/18/2025 8:42:22 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |
| AR1268ICC050 | PP073018.D | AR-1268-1          | yogesh    | 6/18/2025 8:42:25 AM | mohammad      | 6/19/2025 2:43:36 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP062525 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1660CCC500 | PP073230.D | Decachlorobiphenyl #2 | yogesh    | 6/26/2025 7:31:14 AM | mohammad      | 6/27/2025 2:47:31 | Peak Integrated by Software |
| AR1242CCC500 | PP073231.D | Decachlorobiphenyl #2 | yogesh    | 6/26/2025 7:31:16 AM | mohammad      | 6/27/2025 2:47:31 | Peak Integrated by Software |
| PB168607BL   | PP073236.D | Decachlorobiphenyl    | yogesh    | 6/26/2025 7:31:18 AM | mohammad      | 6/27/2025 2:47:31 | Peak Integrated by Software |
| PB168607BS   | PP073237.D | Decachlorobiphenyl #2 | yogesh    | 6/26/2025 7:31:21 AM | mohammad      | 6/27/2025 2:47:31 | Peak Integrated by Software |
| AR1660CCC500 | PP073245.D | Decachlorobiphenyl #2 | yogesh    | 6/26/2025 7:31:24 AM | mohammad      | 6/27/2025 2:47:31 | Peak Integrated by Software |
| AR1242CCC500 | PP073261.D | AR-1242-5             | yogesh    | 6/26/2025 7:31:30 AM | mohammad      | 6/27/2025 2:47:31 | Peak Integrated by Software |
| AR1254CCC500 | PP073263.D | Decachlorobiphenyl #2 | yogesh    | 6/26/2025 7:31:31 AM | mohammad      | 6/27/2025 2:47:31 | Peak Integrated by Software |
| AR1660CCC500 | PP073273.D | Decachlorobiphenyl #2 | yogesh    | 6/26/2025 7:31:40 AM | mohammad      | 6/27/2025 2:47:31 | Peak Integrated by Software |
| AR1242CCC500 | PP073274.D | AR-1242-5             | yogesh    | 6/26/2025 7:31:42 AM | mohammad      | 6/27/2025 2:47:31 | Peak Integrated by Software |
| AR1248CCC500 | PP073275.D | Decachlorobiphenyl #2 | yogesh    | 6/26/2025 7:31:44 AM | mohammad      | 6/27/2025 2:47:31 | Peak Integrated by Software |
| I.BLK        | PP073277.D | Decachlorobiphenyl #2 | yogesh    | 6/26/2025 7:31:46 AM | mohammad      | 6/27/2025 2:47:31 | Peak Integrated by Software |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP061725**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 6/17/2025 3:09:20 PM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 6/19/2025 2:43:36 AM          |
| SubDirectory             | PP061725                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP061725 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | Sampleld      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PP072989.D     | 17 Jun 2025 09:31 | YP\AJ    | Ok     |
| 2   | I.BLK         | PP072990.D     | 17 Jun 2025 09:47 | YP\AJ    | Ok     |
| 3   | AR1660ICC1000 | PP072991.D     | 17 Jun 2025 10:04 | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | PP072992.D     | 17 Jun 2025 10:20 | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | PP072993.D     | 17 Jun 2025 10:37 | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | PP072994.D     | 17 Jun 2025 10:53 | YP\AJ    | Ok,M   |
| 7   | AR1660ICC050  | PP072995.D     | 17 Jun 2025 11:43 | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | PP072996.D     | 17 Jun 2025 12:00 | YP\AJ    | Ok     |
| 9   | AR1232ICC500  | PP072997.D     | 17 Jun 2025 12:16 | YP\AJ    | Ok     |
| 10  | AR1242ICC1000 | PP072998.D     | 17 Jun 2025 14:27 | YP\AJ    | Ok     |
| 11  | AR1242ICC750  | PP072999.D     | 17 Jun 2025 14:43 | YP\AJ    | Ok     |
| 12  | AR1242ICC500  | PP073000.D     | 17 Jun 2025 15:00 | YP\AJ    | Ok     |
| 13  | AR1242ICC250  | PP073001.D     | 17 Jun 2025 15:16 | YP\AJ    | Ok     |
| 14  | AR1242ICC050  | PP073002.D     | 17 Jun 2025 15:32 | YP\AJ    | Ok,M   |
| 15  | AR1248ICC1000 | PP073003.D     | 17 Jun 2025 15:49 | YP\AJ    | Ok     |
| 16  | AR1248ICC750  | PP073004.D     | 17 Jun 2025 16:21 | YP\AJ    | Ok     |
| 17  | AR1248ICC500  | PP073005.D     | 17 Jun 2025 16:37 | YP\AJ    | Ok     |
| 18  | AR1248ICC250  | PP073006.D     | 17 Jun 2025 16:54 | YP\AJ    | Ok     |
| 19  | AR1248ICC050  | PP073007.D     | 17 Jun 2025 17:10 | YP\AJ    | Ok     |
| 20  | AR1254ICC1000 | PP073008.D     | 17 Jun 2025 17:26 | YP\AJ    | Ok     |
| 21  | AR1254ICC750  | PP073009.D     | 17 Jun 2025 17:43 | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP061725**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 6/17/2025 3:09:20 PM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 6/19/2025 2:43:36 AM          |
| SubDirectory             | PP061725                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP061725 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |                |            |                   |       |      |
|----|----------------|------------|-------------------|-------|------|
| 22 | AR1254ICC500   | PP073010.D | 17 Jun 2025 17:59 | YP\AJ | Ok   |
| 23 | AR1254ICC250   | PP073011.D | 17 Jun 2025 18:15 | YP\AJ | Ok   |
| 24 | AR1254ICC050   | PP073012.D | 17 Jun 2025 18:32 | YP\AJ | Ok   |
| 25 | AR1262ICC500   | PP073013.D | 17 Jun 2025 18:48 | YP\AJ | Ok   |
| 26 | AR1268ICC1000  | PP073014.D | 17 Jun 2025 19:04 | YP\AJ | Ok   |
| 27 | AR1268ICC750   | PP073015.D | 17 Jun 2025 19:21 | YP\AJ | Ok   |
| 28 | AR1268ICC500   | PP073016.D | 17 Jun 2025 19:37 | YP\AJ | Ok   |
| 29 | AR1268ICC250   | PP073017.D | 17 Jun 2025 19:53 | YP\AJ | Ok   |
| 30 | AR1268ICC050   | PP073018.D | 17 Jun 2025 20:10 | YP\AJ | Ok,M |
| 31 | PP061725ICV500 | PP073019.D | 17 Jun 2025 20:26 | YP\AJ | Ok   |
| 32 | AR1242ICV500   | PP073020.D | 17 Jun 2025 20:59 | YP\AJ | Ok   |
| 33 | AR1248ICV500   | PP073021.D | 17 Jun 2025 21:31 | YP\AJ | Ok   |
| 34 | AR1254ICV500   | PP073022.D | 17 Jun 2025 22:04 | YP\AJ | Ok   |
| 35 | AR1268ICV500   | PP073023.D | 17 Jun 2025 22:37 | YP\AJ | Ok   |
| 36 | DDT ANALOGUE   | PP073024.D | 17 Jun 2025 23:09 | YP\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP062525**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 6/25/2025 11:08:52 AM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 6/27/2025 2:47:31 AM          |
| SubDirectory             | PP062525                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP061725 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status |
|-----|--------------|----------------|-------------------|----------|--------|
| 1   | HEXANE       | PP073229.D     | 25 Jun 2025 09:31 | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | PP073230.D     | 25 Jun 2025 09:47 | YP\AJ    | Ok,M   |
| 3   | AR1242CCC500 | PP073231.D     | 25 Jun 2025 10:03 | YP\AJ    | Ok,M   |
| 4   | AR1248CCC500 | PP073232.D     | 25 Jun 2025 10:20 | YP\AJ    | Ok     |
| 5   | AR1254CCC500 | PP073233.D     | 25 Jun 2025 10:36 | YP\AJ    | Ok     |
| 6   | I.BLK        | PP073234.D     | 25 Jun 2025 10:52 | YP\AJ    | Ok     |
| 7   | DDT ANALOGUE | PP073235.D     | 25 Jun 2025 11:09 | YP\AJ    | Ok     |
| 8   | PB168607BL   | PP073236.D     | 25 Jun 2025 12:59 | YP\AJ    | Ok,M   |
| 9   | PB168607BS   | PP073237.D     | 25 Jun 2025 13:15 | YP\AJ    | Ok,M   |
| 10  | Q2392-01     | PP073238.D     | 25 Jun 2025 13:31 | YP\AJ    | Ok,M   |
| 11  | Q2392-01MS   | PP073239.D     | 25 Jun 2025 13:47 | YP\AJ    | Ok     |
| 12  | Q2392-01MSD  | PP073240.D     | 25 Jun 2025 14:04 | YP\AJ    | Ok     |
| 13  | Q2393-01     | PP073241.D     | 25 Jun 2025 14:20 | YP\AJ    | Ok     |
| 14  | Q2393-03     | PP073242.D     | 25 Jun 2025 14:37 | YP\AJ    | Ok     |
| 15  | Q2393-05     | PP073243.D     | 25 Jun 2025 14:53 | YP\AJ    | Ok     |
| 16  | Q2393-07     | PP073244.D     | 25 Jun 2025 15:09 | YP\AJ    | Ok     |
| 17  | AR1660CCC500 | PP073245.D     | 25 Jun 2025 15:59 | YP\AJ    | Ok,M   |
| 18  | AR1242CCC500 | PP073246.D     | 25 Jun 2025 16:15 | YP\AJ    | Ok     |
| 19  | AR1248CCC500 | PP073247.D     | 25 Jun 2025 16:31 | YP\AJ    | Ok     |
| 20  | AR1254CCC500 | PP073248.D     | 25 Jun 2025 16:48 | YP\AJ    | Ok     |
| 21  | I.BLK        | PP073249.D     | 25 Jun 2025 17:04 | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP062525**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 6/25/2025 11:08:52 AM         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 6/27/2025 2:47:31 AM          |
| SubDirectory             | PP062525                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP061725 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |          |
|----|--------------|------------|-------------------|-------|----------|
| 22 | Q2393-09     | PP073250.D | 25 Jun 2025 17:21 | YP\AJ | Ok       |
| 23 | Q2393-11     | PP073251.D | 25 Jun 2025 17:37 | YP\AJ | Ok       |
| 24 | Q2394-01     | PP073252.D | 25 Jun 2025 17:54 | YP\AJ | Ok       |
| 25 | Q2398-03     | PP073253.D | 25 Jun 2025 18:10 | YP\AJ | Ok       |
| 26 | Q2398-06     | PP073254.D | 25 Jun 2025 18:26 | YP\AJ | Ok       |
| 27 | Q2412-01     | PP073255.D | 25 Jun 2025 18:43 | YP\AJ | Ok,M     |
| 28 | Q2387-01     | PP073256.D | 25 Jun 2025 18:59 | YP\AJ | Dilution |
| 29 | Q2387-02     | PP073257.D | 25 Jun 2025 19:16 | YP\AJ | Dilution |
| 30 | Q2387-03     | PP073258.D | 25 Jun 2025 19:32 | YP\AJ | Dilution |
| 31 | Q2411-01     | PP073259.D | 25 Jun 2025 19:49 | YP\AJ | Ok       |
| 32 | AR1660CCC500 | PP073260.D | 25 Jun 2025 20:54 | YP\AJ | Ok       |
| 33 | AR1242CCC500 | PP073261.D | 25 Jun 2025 21:27 | YP\AJ | Ok,M     |
| 34 | AR1248CCC500 | PP073262.D | 25 Jun 2025 21:44 | YP\AJ | Ok       |
| 35 | AR1254CCC500 | PP073263.D | 25 Jun 2025 22:00 | YP\AJ | Ok,M     |
| 36 | I.BLK        | PP073264.D | 25 Jun 2025 22:17 | YP\AJ | Ok       |
| 37 | PB168618BL   | PP073265.D | 25 Jun 2025 22:33 | YP\AJ | Ok       |
| 38 | PB168618BS   | PP073266.D | 25 Jun 2025 22:49 | YP\AJ | Ok       |
| 39 | Q2421-01     | PP073267.D | 25 Jun 2025 23:06 | YP\AJ | Ok,M     |
| 40 | Q2421-02     | PP073268.D | 25 Jun 2025 23:22 | YP\AJ | Ok       |
| 41 | Q2421-03     | PP073269.D | 25 Jun 2025 23:39 | YP\AJ | Ok       |
| 42 | Q2421-04     | PP073270.D | 25 Jun 2025 23:55 | YP\AJ | Ok,M     |
| 43 | Q2421-05     | PP073271.D | 26 Jun 2025 00:11 | YP\AJ | Ok,M     |
| 44 | Q2421-06     | PP073272.D | 26 Jun 2025 00:28 | YP\AJ | Dilution |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP062525**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 6/25/2025 11:08:52 AM         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 6/27/2025 2:47:31 AM          |
| SubDirectory             | PP062525                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP061725 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |      |
|----|--------------|------------|-------------------|-------|------|
| 45 | AR1660CCC500 | PP073273.D | 26 Jun 2025 01:33 | YP\AJ | Ok,M |
| 46 | AR1242CCC500 | PP073274.D | 26 Jun 2025 02:06 | YP\AJ | Ok,M |
| 47 | AR1248CCC500 | PP073275.D | 26 Jun 2025 02:23 | YP\AJ | Ok,M |
| 48 | AR1254CCC500 | PP073276.D | 26 Jun 2025 02:39 | YP\AJ | Ok   |
| 49 | I.BLK        | PP073277.D | 26 Jun 2025 02:55 | YP\AJ | Ok,M |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP061725**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 6/17/2025 3:09:20 PM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 6/19/2025 2:43:36 AM          |
| SubDirectory             | PP061725                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP061725 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

| Sr# | SampleID      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE        | HEXANE        | PP072989.D     | 17 Jun 2025 09:31 |         | YP\AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PP072990.D     | 17 Jun 2025 09:47 |         | YP\AJ    | Ok     |
| 3   | AR1660ICC1000 | AR1660ICC1000 | PP072991.D     | 17 Jun 2025 10:04 |         | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | AR1660ICC750  | PP072992.D     | 17 Jun 2025 10:20 |         | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | AR1660ICC500  | PP072993.D     | 17 Jun 2025 10:37 |         | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | AR1660ICC250  | PP072994.D     | 17 Jun 2025 10:53 |         | YP\AJ    | Ok,M   |
| 7   | AR1660ICC050  | AR1660ICC050  | PP072995.D     | 17 Jun 2025 11:43 |         | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | AR1221ICC500  | PP072996.D     | 17 Jun 2025 12:00 |         | YP\AJ    | Ok     |
| 9   | AR1232ICC500  | AR1232ICC500  | PP072997.D     | 17 Jun 2025 12:16 |         | YP\AJ    | Ok     |
| 10  | AR1242ICC1000 | AR1242ICC1000 | PP072998.D     | 17 Jun 2025 14:27 |         | YP\AJ    | Ok     |
| 11  | AR1242ICC750  | AR1242ICC750  | PP072999.D     | 17 Jun 2025 14:43 |         | YP\AJ    | Ok     |
| 12  | AR1242ICC500  | AR1242ICC500  | PP073000.D     | 17 Jun 2025 15:00 |         | YP\AJ    | Ok     |
| 13  | AR1242ICC250  | AR1242ICC250  | PP073001.D     | 17 Jun 2025 15:16 |         | YP\AJ    | Ok     |
| 14  | AR1242ICC050  | AR1242ICC050  | PP073002.D     | 17 Jun 2025 15:32 |         | YP\AJ    | Ok,M   |
| 15  | AR1248ICC1000 | AR1248ICC1000 | PP073003.D     | 17 Jun 2025 15:49 |         | YP\AJ    | Ok     |
| 16  | AR1248ICC750  | AR1248ICC750  | PP073004.D     | 17 Jun 2025 16:21 |         | YP\AJ    | Ok     |
| 17  | AR1248ICC500  | AR1248ICC500  | PP073005.D     | 17 Jun 2025 16:37 |         | YP\AJ    | Ok     |
| 18  | AR1248ICC250  | AR1248ICC250  | PP073006.D     | 17 Jun 2025 16:54 |         | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP061725**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Review On         | 6/17/2025 3:09:20 PM          |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Supervise On      | 6/19/2025 2:43:36 AM          |
| SubDirectory             | PP061725                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | HP Acquire Method | HP Processing Method PP061725 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                               |
| Tune/Reschk              | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369<br><br>PP24332,PP24347,PP24352,PP24357<br><br>PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387 |                   |                               |
| Initial Calibration Stds |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                               |
| CCC                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                               |
| ICV/I.BLK                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                               |

|    |                |                   |            |                   |  |       |      |
|----|----------------|-------------------|------------|-------------------|--|-------|------|
| 19 | AR1248ICC050   | AR1248ICC050      | PP073007.D | 17 Jun 2025 17:10 |  | YPIAJ | Ok   |
| 20 | AR1254ICC1000  | AR1254ICC1000     | PP073008.D | 17 Jun 2025 17:26 |  | YPIAJ | Ok   |
| 21 | AR1254ICC750   | AR1254ICC750      | PP073009.D | 17 Jun 2025 17:43 |  | YPIAJ | Ok   |
| 22 | AR1254ICC500   | AR1254ICC500      | PP073010.D | 17 Jun 2025 17:59 |  | YPIAJ | Ok   |
| 23 | AR1254ICC250   | AR1254ICC250      | PP073011.D | 17 Jun 2025 18:15 |  | YPIAJ | Ok   |
| 24 | AR1254ICC050   | AR1254ICC050      | PP073012.D | 17 Jun 2025 18:32 |  | YPIAJ | Ok   |
| 25 | AR1262ICC500   | AR1262ICC500      | PP073013.D | 17 Jun 2025 18:48 |  | YPIAJ | Ok   |
| 26 | AR1268ICC1000  | AR1268ICC1000     | PP073014.D | 17 Jun 2025 19:04 |  | YPIAJ | Ok   |
| 27 | AR1268ICC750   | AR1268ICC750      | PP073015.D | 17 Jun 2025 19:21 |  | YPIAJ | Ok   |
| 28 | AR1268ICC500   | AR1268ICC500      | PP073016.D | 17 Jun 2025 19:37 |  | YPIAJ | Ok   |
| 29 | AR1268ICC250   | AR1268ICC250      | PP073017.D | 17 Jun 2025 19:53 |  | YPIAJ | Ok   |
| 30 | AR1268ICC050   | AR1268ICC050      | PP073018.D | 17 Jun 2025 20:10 |  | YPIAJ | Ok,M |
| 31 | PP061725ICV500 | ICVPP061725       | PP073019.D | 17 Jun 2025 20:26 |  | YPIAJ | Ok   |
| 32 | AR1242ICV500   | ICVPP061725AR1242 | PP073020.D | 17 Jun 2025 20:59 |  | YPIAJ | Ok   |
| 33 | AR1248ICV500   | ICVPP061725AR1248 | PP073021.D | 17 Jun 2025 21:31 |  | YPIAJ | Ok   |
| 34 | AR1254ICV500   | ICVPP061725AR1254 | PP073022.D | 17 Jun 2025 22:04 |  | YPIAJ | Ok   |
| 35 | AR1268ICV500   | ICVPP061725AR1268 | PP073023.D | 17 Jun 2025 22:37 |  | YPIAJ | Ok   |
| 36 | DDT ANALOGUE   | DDT ANALOGUE      | PP073024.D | 17 Jun 2025 23:09 |  | YPIAJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP062525**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 6/25/2025 11:08:52 AM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 6/27/2025 2:47:31 AM          |
| SubDirectory             | PP062525                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP061725 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

| Sr# | SampleId     | ClientID     | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|--------------|--------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE       | HEXANE       | PP073229.D     | 25 Jun 2025 09:31 |         | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | AR1660CCC500 | PP073230.D     | 25 Jun 2025 09:47 |         | YP\AJ    | Ok,M   |
| 3   | AR1242CCC500 | AR1242CCC500 | PP073231.D     | 25 Jun 2025 10:03 |         | YP\AJ    | Ok,M   |
| 4   | AR1248CCC500 | AR1248CCC500 | PP073232.D     | 25 Jun 2025 10:20 |         | YP\AJ    | Ok     |
| 5   | AR1254CCC500 | AR1254CCC500 | PP073233.D     | 25 Jun 2025 10:36 |         | YP\AJ    | Ok     |
| 6   | I.BLK        | I.BLK        | PP073234.D     | 25 Jun 2025 10:52 |         | YP\AJ    | Ok     |
| 7   | DDT ANALOGUE | DDT ANALOGUE | PP073235.D     | 25 Jun 2025 11:09 |         | YP\AJ    | Ok     |
| 8   | PB168607BL   | PB168607BL   | PP073236.D     | 25 Jun 2025 12:59 |         | YP\AJ    | Ok,M   |
| 9   | PB168607BS   | PB168607BS   | PP073237.D     | 25 Jun 2025 13:15 |         | YP\AJ    | Ok,M   |
| 10  | Q2392-01     | S-1          | PP073238.D     | 25 Jun 2025 13:31 |         | YP\AJ    | Ok,M   |
| 11  | Q2392-01MS   | S-1MS        | PP073239.D     | 25 Jun 2025 13:47 |         | YP\AJ    | Ok     |
| 12  | Q2392-01MSD  | S-1MSD       | PP073240.D     | 25 Jun 2025 14:04 |         | YP\AJ    | Ok     |
| 13  | Q2393-01     | PARK AVE -1  | PP073241.D     | 25 Jun 2025 14:20 |         | YP\AJ    | Ok     |
| 14  | Q2393-03     | PARK AVE -2  | PP073242.D     | 25 Jun 2025 14:37 |         | YP\AJ    | Ok     |
| 15  | Q2393-05     | PARK AVE -3  | PP073243.D     | 25 Jun 2025 14:53 |         | YP\AJ    | Ok     |
| 16  | Q2393-07     | PARK AVE -4  | PP073244.D     | 25 Jun 2025 15:09 |         | YP\AJ    | Ok     |
| 17  | AR1660CCC500 | AR1660CCC500 | PP073245.D     | 25 Jun 2025 15:59 |         | YP\AJ    | Ok,M   |
| 18  | AR1242CCC500 | AR1242CCC500 | PP073246.D     | 25 Jun 2025 16:15 |         | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP062525**

|                                         |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                               | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 6/25/2025 11:08:52 AM         |
| Supervise By                            | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 6/27/2025 2:47:31 AM          |
| SubDirectory                            | PP062525                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP061725 |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                                     | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM                   |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                               | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard                      |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard                         |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard                            |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |              |            |                   |                                |       |          |
|----|--------------|--------------|------------|-------------------|--------------------------------|-------|----------|
| 19 | AR1248CCC500 | AR1248CCC500 | PP073247.D | 25 Jun 2025 16:31 |                                | YPIAJ | Ok       |
| 20 | AR1254CCC500 | AR1254CCC500 | PP073248.D | 25 Jun 2025 16:48 |                                | YPIAJ | Ok       |
| 21 | I.BLK        | I.BLK        | PP073249.D | 25 Jun 2025 17:04 |                                | YPIAJ | Ok       |
| 22 | Q2393-09     | PARK AVE -5  | PP073250.D | 25 Jun 2025 17:21 |                                | YPIAJ | Ok       |
| 23 | Q2393-11     | PARK AVE -6  | PP073251.D | 25 Jun 2025 17:37 |                                | YPIAJ | Ok       |
| 24 | Q2394-01     | MH-K/L       | PP073252.D | 25 Jun 2025 17:54 |                                | YPIAJ | Ok       |
| 25 | Q2398-03     | M00-25-0179  | PP073253.D | 25 Jun 2025 18:10 | AR1254 & AR1260 hits           | YPIAJ | Ok       |
| 26 | Q2398-06     | ARS20-0036   | PP073254.D | 25 Jun 2025 18:26 |                                | YPIAJ | Ok       |
| 27 | Q2412-01     | TR-05-062425 | PP073255.D | 25 Jun 2025 18:43 |                                | YPIAJ | Ok,M     |
| 28 | Q2387-01     | AUD-25-101   | PP073256.D | 25 Jun 2025 18:59 | AR1254 hit (Need Dilution 50X) | YPIAJ | Dilution |
| 29 | Q2387-02     | AUD-25-102   | PP073257.D | 25 Jun 2025 19:16 | AR1254 hit (Need Dilution 50X) | YPIAJ | Dilution |
| 30 | Q2387-03     | AUD-25-103   | PP073258.D | 25 Jun 2025 19:32 | AR1254 hit (Need Dilution 50X) | YPIAJ | Dilution |
| 31 | Q2411-01     | TRE-2002     | PP073259.D | 25 Jun 2025 19:49 |                                | YPIAJ | Ok       |
| 32 | AR1660CCC500 | AR1660CCC500 | PP073260.D | 25 Jun 2025 20:54 |                                | YPIAJ | Ok       |
| 33 | AR1242CCC500 | AR1242CCC500 | PP073261.D | 25 Jun 2025 21:27 |                                | YPIAJ | Ok,M     |
| 34 | AR1248CCC500 | AR1248CCC500 | PP073262.D | 25 Jun 2025 21:44 |                                | YPIAJ | Ok       |
| 35 | AR1254CCC500 | AR1254CCC500 | PP073263.D | 25 Jun 2025 22:00 |                                | YPIAJ | Ok,M     |
| 36 | I.BLK        | I.BLK        | PP073264.D | 25 Jun 2025 22:17 |                                | YPIAJ | Ok       |
| 37 | PB168618BL   | PB168618BL   | PP073265.D | 25 Jun 2025 22:33 |                                | YPIAJ | Ok       |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP062525**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 6/25/2025 11:08:52 AM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 6/27/2025 2:47:31 AM          |
| SubDirectory             | PP062525                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP061725 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |              |            |                   |                      |       |          |
|----|--------------|--------------|------------|-------------------|----------------------|-------|----------|
| 38 | PB168618BS   | PB168618BS   | PP073266.D | 25 Jun 2025 22:49 |                      | YPIAJ | Ok       |
| 39 | Q2421-01     | 62325        | PP073267.D | 25 Jun 2025 23:06 | AR1242 hits.         | YPIAJ | Ok,M     |
| 40 | Q2421-02     | 624-A        | PP073268.D | 25 Jun 2025 23:22 | AR1242 hits.         | YPIAJ | Ok       |
| 41 | Q2421-03     | 624-B        | PP073269.D | 25 Jun 2025 23:39 | AR1242 hits.         | YPIAJ | Ok       |
| 42 | Q2421-04     | 624-C        | PP073270.D | 25 Jun 2025 23:55 | AR1242 hits.         | YPIAJ | Ok,M     |
| 43 | Q2421-05     | 624-D        | PP073271.D | 26 Jun 2025 00:11 | AR1242 hits.         | YPIAJ | Ok,M     |
| 44 | Q2421-06     | 62325-A      | PP073272.D | 26 Jun 2025 00:28 | AR1242 hits, Need 5X | YPIAJ | Dilution |
| 45 | AR1660CCC500 | AR1660CCC500 | PP073273.D | 26 Jun 2025 01:33 |                      | YPIAJ | Ok,M     |
| 46 | AR1242CCC500 | AR1242CCC500 | PP073274.D | 26 Jun 2025 02:06 |                      | YPIAJ | Ok,M     |
| 47 | AR1248CCC500 | AR1248CCC500 | PP073275.D | 26 Jun 2025 02:23 |                      | YPIAJ | Ok,M     |
| 48 | AR1254CCC500 | AR1254CCC500 | PP073276.D | 26 Jun 2025 02:39 |                      | YPIAJ | Ok       |
| 49 | I.BLK        | I.BLK        | PP073277.D | 26 Jun 2025 02:55 |                      | YPIAJ | Ok,M     |

M : Manual Integration

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

**Clean Up SOP #:** Acid Cleanup

**Matrix :** Solid

**Weigh By:** EH **Extraction By:** RJ

**Balance check:** EH **Filter By:** RJ

**Balance ID:** EX-SC-2 **pH Meter ID:** N/A

**pH Strip Lot#:** N/A **Hood ID:** 3,7

**Extraction Start Date :** 06/25/2025

**Extraction Start Time :** 08:45

**Extraction End Date :** 06/25/2025

**Extraction End Time :** 12:00

**Concentration By:** EH

**Supervisor By :** RUPESH

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

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 5000 PPB            | PP24650             |
| Surrogate     | 1.0ML    | 200 PPB             | PP24597             |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| Hexane/Acetone/1:1 | N/A            | EP2613     |
| Baked Na2SO4       | N/A            | EP2622     |
| Sand               | N/A            | E2865      |
| Hexane             | N/A            | E3945      |
| H2SO4 1:1          | N/A            | EP2610     |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

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

40ML Vial Lot # 03-40BTS723, Q2406-01 used Ltd. volume as sample is oil.

**KD Bath ID:** N/A **Envap ID:** NEVAP-02

**KD Bath Temperature:** N/A **Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 6/25/25     | RS (Ext Lab)                            | Dr. Pest/PeB Lab     |
| 12:05       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/25/2025

| Sample ID    | Client Sample ID | Test | g mL  | PH  | Surr/Spike By: |            | Final Vol. (mL) | JarID | Comments       | Prep Pos |
|--------------|------------------|------|-------|-----|----------------|------------|-----------------|-------|----------------|----------|
|              |                  |      |       |     | AddedBy        | VerifiedBy |                 |       |                |          |
| PB168607BL   | ABLK607          | PCB  | 30.01 | N/A | ritesh         | Evelyn     | 10              |       |                | U2-1     |
| PB168607BS   | ALCS607          | PCB  | 30.02 | N/A | ritesh         | Evelyn     | 10              |       |                | 2        |
| Q2392-01     | S-1              | PCB  | 30.07 | N/A | ritesh         | Evelyn     | 10              | B     |                | 3        |
| Q2392-01MS   | S-1MS            | PCB  | 30.03 | N/A | ritesh         | Evelyn     | 10              | B     |                | 4        |
| Q2392-01MS D | S-1MSD           | PCB  | 30.08 | N/A | ritesh         | Evelyn     | 10              | B     |                | 5        |
| Q2393-01     | PARK AVE -1      | PCB  | 30.05 | N/A | ritesh         | Evelyn     | 10              | D     |                | 6        |
| Q2393-03     | PARK AVE -2      | PCB  | 30.02 | N/A | ritesh         | Evelyn     | 10              | D     |                | U3-1     |
| Q2393-05     | PARK AVE -3      | PCB  | 30.06 | N/A | ritesh         | Evelyn     | 10              | D     |                | 2        |
| Q2393-07     | PARK AVE -4      | PCB  | 30.03 | N/A | ritesh         | Evelyn     | 10              | D     |                | 3        |
| Q2393-09     | PARK AVE -5      | PCB  | 30.01 | N/A | ritesh         | Evelyn     | 10              | D     |                | 4        |
| Q2393-11     | PARK AVE -6      | PCB  | 30.08 | N/A | ritesh         | Evelyn     | 10              | D     |                | 5        |
| Q2394-01     | MH-K/L           | PCB  | 30.05 | N/A | ritesh         | Evelyn     | 10              | D     |                | 6        |
| Q2398-03     | M00-25-0179      | PCB  | 30.02 | N/A | ritesh         | Evelyn     | 10              | D     | Small Partical | U6-1     |
| Q2398-06     | ARS20-0036       | PCB  | 30.01 | N/A | ritesh         | Evelyn     | 10              | D     |                | 2        |
| Q2399-01     | TP-13            | PCB  | 30.04 | N/A | ritesh         | Evelyn     | 10              | D     |                | 3        |
| Q2399-05     | EP-7             | PCB  | 30.06 | N/A | ritesh         | Evelyn     | 10              | D     |                | 4        |
| Q2400-01     | B-156-SB01       | PCB  | 30.03 | N/A | ritesh         | Evelyn     | 10              |       |                | 5        |
| Q2400-02     | B-134-SB01       | PCB  | 30.07 | N/A | ritesh         | Evelyn     | 10              |       |                | 6        |
| Q2403-03     | LAW-25-0093      | PCB  | 30.05 | N/A | ritesh         | Evelyn     | 10              | D     | Small Partical | U1-1     |
| Q2403-05     | CONCRETE-062325  | PCB  | 30.06 | N/A | ritesh         | Evelyn     | 10              | D     | Concrete       | 2        |
| Q2403-07     | ARS 20-006       | PCB  | 30.04 | N/A | ritesh         | Evelyn     | 10              | D     |                | 3        |
| Q2405-01     | MH-M/H           | PCB  | 30.01 | N/A | ritesh         | Evelyn     | 10              | D     |                | 4        |
| Q2406-01     | PUMPING-PLANT    | PCB  | 1.09  | N/A | ritesh         | Evelyn     | 10              |       | Oil            |          |
| Q2412-01     | TR-05-062425     | PCB  | 30.05 | N/A | ritesh         | Evelyn     | 10              | D     |                | 5        |



16037  
5/18/25

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2393

WorkList ID : 190367

Department : Extraction

Date : 06-25-2025 08:40:11

| Sample   | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample<br>Storage<br>Location | Collect Date | Method |
|----------|-----------------|--------|------|--------------|----------|-----------------------------------|--------------|--------|
| Q2392-01 | S-1             | Solid  | PCB  | Cool 4 deg C | EARTH03  | A41                               | 06/23/2025   | 8082A  |
| Q2393-01 | PARK AVE -1     | Solid  | PCB  | Cool 4 deg C | UNIO02   | A22                               | 06/23/2025   | 8082A  |
| Q2393-03 | PARK AVE -2     | Solid  | PCB  | Cool 4 deg C | UNIO02   | A22                               | 06/23/2025   | 8082A  |
| Q2393-05 | PARK AVE -3     | Solid  | PCB  | Cool 4 deg C | UNIO02   | A22                               | 06/23/2025   | 8082A  |
| Q2393-07 | PARK AVE -4     | Solid  | PCB  | Cool 4 deg C | UNIO02   | A22                               | 06/23/2025   | 8082A  |
| Q2393-09 | PARK AVE -5     | Solid  | PCB  | Cool 4 deg C | UNIO02   | A22                               | 06/23/2025   | 8082A  |
| Q2393-11 | PARK AVE -6     | Solid  | PCB  | Cool 4 deg C | UNIO02   | A22                               | 06/23/2025   | 8082A  |
| Q2394-01 | MH-K/L          | Solid  | PCB  | Cool 4 deg C | PSEG03   | A21                               | 06/23/2025   | 8082A  |
| Q2398-03 | M00-25-0179     | Solid  | PCB  | Cool 4 deg C | PSEG03   | A33                               | 06/23/2025   | 8082A  |
| Q2398-06 | ARS20-0036      | Solid  | PCB  | Cool 4 deg C | PSEG03   | A33                               | 06/23/2025   | 8082A  |
| Q2399-01 | TP-13           | Solid  | PCB  | Cool 4 deg C | PSEG03   | A41                               | 06/23/2025   | 8082A  |
| Q2399-05 | EP-7            | Solid  | PCB  | Cool 4 deg C | PSEG03   | A41                               | 06/23/2025   | 8082A  |
| Q2400-01 | B-156-SB01      | Solid  | PCB  | Cool 4 deg C | PORT06   | A42                               | 06/23/2025   | 8082A  |
| Q2400-02 | B-134-SB01      | Solid  | PCB  | Cool 4 deg C | PORT06   | A42                               | 06/23/2025   | 8082A  |
| Q2403-03 | LAW-25-0093     | Solid  | PCB  | Cool 4 deg C | PSEG03   | A32                               | 06/23/2025   | 8082A  |
| Q2403-05 | Concrete-062325 | Solid  | PCB  | Cool 4 deg C | PSEG03   | A32                               | 06/23/2025   | 8082A  |
| Q2403-07 | ARS 20-006      | Solid  | PCB  | Cool 4 deg C | PSEG03   |                                   | 06/23/2025   | 8082A  |
| Q2405-01 | MH-M/H          | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                               | 06/24/2025   | 8082A  |
| Q2406-01 | PUMPING-PLANT   | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                               | 06/23/2025   | 8082A  |
| Q2412-01 | TR-05-062425    | Solid  | PCB  | Cool 4 deg C | PSEG05   | D41                               | 06/24/2025   | 8082A  |

Date/Time 06/25/25 8:40

Raw Sample Received by: RS (Left-1000)

Raw Sample Relinquished by: CR SM

Date/Time

Raw Sample Received by: CR SM

Raw Sample Relinquished by: RS (Left-1000)

## LAB CHRONICLE

|                 |                                     |                   |                                           |
|-----------------|-------------------------------------|-------------------|-------------------------------------------|
| <b>OrderID:</b> | Q2393                               | <b>OrderDate:</b> | 6/23/2025 11:43:58 AM                     |
| <b>Client:</b>  | Union Paving & Construction Company | <b>Project:</b>   | 190 Park Ave Hanover Twp NJ - PO 2556-001 |
| <b>Contact:</b> | Gerard Busacco                      | <b>Location:</b>  | A22,VOA Lab                               |

| LabID           | ClientID           | Matrix      | Test          | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|--------------------|-------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2393-01</b> | <b>PARK AVE -1</b> | <b>SOIL</b> |               |        | <b>06/23/25</b> |           |           | <b>06/23/25</b> |
|                 |                    |             | PCB           | 8082A  |                 | 06/25/25  | 06/25/25  |                 |
|                 |                    |             | Pesticide-TCL | 8081B  |                 | 06/25/25  | 06/25/25  |                 |
| <b>Q2393-03</b> | <b>PARK AVE -2</b> | <b>SOIL</b> |               |        | <b>06/23/25</b> |           |           | <b>06/23/25</b> |
|                 |                    |             | PCB           | 8082A  |                 | 06/25/25  | 06/25/25  |                 |
|                 |                    |             | Pesticide-TCL | 8081B  |                 | 06/25/25  | 06/25/25  |                 |
| <b>Q2393-05</b> | <b>PARK AVE -3</b> | <b>SOIL</b> |               |        | <b>06/23/25</b> |           |           | <b>06/23/25</b> |
|                 |                    |             | PCB           | 8082A  |                 | 06/25/25  | 06/25/25  |                 |
|                 |                    |             | Pesticide-TCL | 8081B  |                 | 06/25/25  | 06/25/25  |                 |
| <b>Q2393-07</b> | <b>PARK AVE -4</b> | <b>SOIL</b> |               |        | <b>06/23/25</b> |           |           | <b>06/23/25</b> |
|                 |                    |             | PCB           | 8082A  |                 | 06/25/25  | 06/25/25  |                 |
|                 |                    |             | Pesticide-TCL | 8081B  |                 | 06/25/25  | 06/25/25  |                 |
| <b>Q2393-09</b> | <b>PARK AVE -5</b> | <b>SOIL</b> |               |        | <b>06/23/25</b> |           |           | <b>06/23/25</b> |
|                 |                    |             | PCB           | 8082A  |                 | 06/25/25  | 06/25/25  |                 |
|                 |                    |             | Pesticide-TCL | 8081B  |                 | 06/25/25  | 06/25/25  |                 |
| <b>Q2393-11</b> | <b>PARK AVE -6</b> | <b>SOIL</b> |               |        | <b>06/23/25</b> |           |           | <b>06/23/25</b> |
|                 |                    |             | PCB           | 8082A  |                 | 06/25/25  | 06/25/25  |                 |
|                 |                    |             | Pesticide-TCL | 8081B  |                 | 06/25/25  | 06/25/25  |                 |