

## Cover Page

**Order ID :** Q2484

**Project ID :** South River WM Replacement

**Client :** CDM Smith

**Lab Sample Number**

Q2484-01  
Q2484-02  
Q2484-03  
Q2484-04  
Q2484-05  
Q2484-06

**Client Sample Number**

TP-58  
TP-57  
TP-64  
TP-107  
TP-106  
TP-104

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

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

Date: 7/12/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## DATA REPORTING QUALIFIERS- ORGANIC

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

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

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q2484

Completed

For thorough review, the report must have the following:

#### GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

#### COVER PAGE:

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

✓

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

✓

#### CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 07/12/2025

## LAB CHRONICLE

|                 |                    |                   |                            |
|-----------------|--------------------|-------------------|----------------------------|
| <b>OrderID:</b> | Q2484              | <b>OrderDate:</b> | 7/2/2025 9:23:00 AM        |
| <b>Client:</b>  | CDM Smith          | <b>Project:</b>   | South River WM Replacement |
| <b>Contact:</b> | Marcie Ann Encinas | <b>Location:</b>  | --Select--,A12,VOA Lab     |

| LabID           | ClientID      | Matrix      | Test                    | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|---------------|-------------|-------------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2484-01</b> | <b>TP-58</b>  | <b>SOIL</b> |                         |        | <b>07/01/25</b> |           |           | <b>07/01/25</b> |
|                 |               |             | Diesel Range Organics   | 8015D  |                 | 07/02/25  | 07/03/25  |                 |
|                 |               |             | Gasoline Range Organics | 8015D  |                 |           | 07/03/25  |                 |
|                 |               |             | Herbicide               | 8151A  |                 | 07/02/25  | 07/07/25  |                 |
|                 |               |             | PCB                     | 8082A  |                 | 07/02/25  | 07/02/25  |                 |
|                 |               |             | Pesticide-TCL           | 8081B  |                 | 07/02/25  | 07/02/25  |                 |
| <b>Q2484-02</b> | <b>TP-57</b>  | <b>SOIL</b> |                         |        | <b>07/01/25</b> |           |           | <b>07/01/25</b> |
|                 |               |             | Diesel Range Organics   | 8015D  |                 | 07/02/25  | 07/02/25  |                 |
|                 |               |             | Gasoline Range Organics | 8015D  |                 |           | 07/03/25  |                 |
|                 |               |             | Herbicide               | 8151A  |                 | 07/02/25  | 07/07/25  |                 |
|                 |               |             | PCB                     | 8082A  |                 | 07/02/25  | 07/02/25  |                 |
|                 |               |             | Pesticide-TCL           | 8081B  |                 | 07/02/25  | 07/02/25  |                 |
| <b>Q2484-03</b> | <b>TP-64</b>  | <b>SOIL</b> |                         |        | <b>07/01/25</b> |           |           | <b>07/01/25</b> |
|                 |               |             | Diesel Range Organics   | 8015D  |                 | 07/02/25  | 07/03/25  |                 |
|                 |               |             | Gasoline Range Organics | 8015D  |                 |           | 07/03/25  |                 |
|                 |               |             | Herbicide               | 8151A  |                 | 07/02/25  | 07/10/25  |                 |
|                 |               |             | PCB                     | 8082A  |                 | 07/02/25  | 07/02/25  |                 |
|                 |               |             | Pesticide-TCL           | 8081B  |                 | 07/02/25  | 07/02/25  |                 |
| <b>Q2484-04</b> | <b>TP-107</b> | <b>SOIL</b> |                         |        | <b>07/01/25</b> |           |           | <b>07/01/25</b> |
|                 |               |             | Diesel Range Organics   | 8015D  |                 | 07/02/25  | 07/02/25  |                 |
|                 |               |             | Gasoline Range Organics | 8015D  |                 |           | 07/08/25  |                 |
|                 |               |             | Herbicide               | 8151A  |                 | 07/02/25  | 07/07/25  |                 |
|                 |               |             | PCB                     | 8082A  |                 | 07/02/25  | 07/02/25  |                 |
|                 |               |             | Pesticide-TCL           | 8081B  |                 | 07/02/25  | 07/02/25  |                 |
| <b>Q2484-05</b> | <b>TP-106</b> | <b>SOIL</b> |                         |        | <b>07/01/25</b> |           |           | <b>07/01/25</b> |
|                 |               |             | Diesel Range Organics   | 8015D  |                 | 07/02/25  | 07/02/25  |                 |
|                 |               |             | Gasoline Range Organics | 8015D  |                 |           | 07/03/25  |                 |



### LAB CHRONICLE

|          |        |      |                         |       |          |          |
|----------|--------|------|-------------------------|-------|----------|----------|
| Q2484-06 | TP-104 | SOIL | Herbicide               | 8151A | 07/02/25 | 07/08/25 |
|          |        |      | PCB                     | 8082A | 07/02/25 | 07/02/25 |
|          |        |      | Pesticide-TCL           | 8081B | 07/02/25 | 07/02/25 |
|          |        |      |                         |       |          |          |
|          |        |      |                         |       |          |          |
|          |        |      |                         |       |          |          |
|          |        |      |                         |       | 07/01/25 | 07/01/25 |
|          |        |      | Diesel Range Organics   | 8015D | 07/02/25 | 07/02/25 |
|          |        |      | Gasoline Range Organics | 8015D |          | 07/03/25 |
|          |        |      | Herbicide               | 8151A | 07/02/25 | 07/08/25 |
|          |        |      | PCB                     | 8082A | 07/02/25 | 07/02/25 |
|          |        |      | Pesticide-TCL           | 8081B | 07/02/25 | 07/02/25 |



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

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

**SDG No.:** Q2484

**Order ID:** Q2484

**Client:** CDM Smith

**Project ID:** South River WM Replacement

---

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

Client ID :

**Total Concentration:** 0.000



# QC SUMMARY

### Surrogate Summary

SDG No.: Q2484

Client: CDM Smith

Analytical Method: 8151A

| Lab Sample ID    | Client ID        | Parameter | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-----------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |           |        |       |        |             |      | Low       | High |
| I.BLK-PS030738.D | PIBLK-PS030738.D | 2,4-DCAA  | 1      | 500   | 414    | 83          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 487    | 97          |      | 61        | 136  |
| I.BLK-PS030931.D | PIBLK-PS030931.D | 2,4-DCAA  | 1      | 500   | 470    | 94          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 497    | 99          |      | 61        | 136  |
| Q2484-01         | TP-58            | 2,4-DCAA  | 1      | 500   | 263    | 53          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 274    | 55          |      | 10        | 141  |
| Q2484-02         | TP-57            | 2,4-DCAA  | 1      | 500   | 304    | 61          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 285    | 57          |      | 10        | 141  |
| Q2484-04         | TP-107           | 2,4-DCAA  | 1      | 500   | 385    | 77          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 437    | 87          |      | 10        | 141  |
| Q2484-05         | TP-106           | 2,4-DCAA  | 1      | 500   | 514    | 103         |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 607    | 121         |      | 10        | 141  |
| Q2484-06         | TP-104           | 2,4-DCAA  | 1      | 500   | 363    | 73          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 395    | 79          |      | 10        | 141  |
| I.BLK-PS030940.D | PIBLK-PS030940.D | 2,4-DCAA  | 1      | 500   | 472    | 94          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 494    | 99          |      | 61        | 136  |
| I.BLK-PS030943.D | PIBLK-PS030943.D | 2,4-DCAA  | 1      | 500   | 481    | 96          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 497    | 99          |      | 61        | 136  |
| PB168706BL       | PB168706BL       | 2,4-DCAA  | 1      | 500   | 452    | 90          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 489    | 98          |      | 10        | 141  |
| Q2458-01MS       | TP-76MS          | 2,4-DCAA  | 1      | 500   | 341    | 68          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 375    | 75          |      | 10        | 141  |
| Q2458-01MSD      | TP-76MSD         | 2,4-DCAA  | 1      | 500   | 347    | 69          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 378    | 76          |      | 10        | 141  |
| I.BLK-PS030955.D | PIBLK-PS030955.D | 2,4-DCAA  | 1      | 500   | 455    | 91          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 469    | 94          |      | 61        | 136  |
| I.BLK-PS030958.D | PIBLK-PS030958.D | 2,4-DCAA  | 1      | 500   | 456    | 91          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 462    | 92          |      | 61        | 136  |
| PB168706BS       | PB168706BS       | 2,4-DCAA  | 1      | 500   | 538    | 108         |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 503    | 101         |      | 10        | 141  |
| I.BLK-PS030966.D | PIBLK-PS030966.D | 2,4-DCAA  | 1      | 500   | 449    | 90          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 467    | 93          |      | 61        | 136  |
| I.BLK-PS030979.D | PIBLK-PS030979.D | 2,4-DCAA  | 1      | 500   | 474    | 95          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 473    | 95          |      | 61        | 136  |
| Q2484-03         | TP-64            | 2,4-DCAA  | 1      | 500   | 96.8   | 19          |      | 10        | 141  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 96.2   | 19          |      | 10        | 141  |
| I.BLK-PS030989.D | PIBLK-PS030989.D | 2,4-DCAA  | 1      | 500   | 476    | 95          |      | 61        | 136  |
|                  |                  | 2,4-DCAA  | 2      | 500   | 476    | 95          |      | 61        | 136  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                  |                           |                   |
|-----------------|------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2484</u>     | <b>Analytical Method:</b> | <u>8151A</u>      |
| <b>Client:</b>  | <u>CDM Smith</u> | <b>DataFile :</b>         | <u>PS030949.D</u> |

|                | Parameter                | Spike             | Sample |         | Units | Rec | Rec  |     | RPD  |     | Limits |     | RPD |
|----------------|--------------------------|-------------------|--------|---------|-------|-----|------|-----|------|-----|--------|-----|-----|
|                |                          |                   | Result | Result  |       |     | Qual | RPD | Qual | Low | High   |     |     |
| Lab Sample ID: | Q2458-01MS<br>(Column 1) | Client Sample ID: |        | TP-76MS |       |     |      |     |      |     |        |     |     |
|                | DICAMBA                  | 183.4             | 0      | 86.9    | ug/Kg | 47  |      |     |      |     | 10     | 112 |     |
|                | DICHLORPROP              | 183.4             | 0      | 95.6    | ug/Kg | 52  |      |     |      |     | 10     | 113 |     |
|                | 2,4-D                    | 183.4             | 0      | 138     | ug/Kg | 75  |      |     |      |     | 10     | 144 |     |
|                | 2,4,5-TP(Silvex)         | 183.4             | 0      | 95.3    | ug/Kg | 52  |      |     |      |     | 10     | 114 |     |
|                | 2,4,5-T                  | 183.4             | 0      | 99.8    | ug/Kg | 54  |      |     |      |     | 10     | 115 |     |
|                | 2,4-DB                   | 183.4             | 0      | 97.1    | ug/Kg | 53  |      |     |      |     | 10     | 140 |     |
|                | Dinoseb                  | 183.4             | 0      | 0       | ug/Kg | 0   | *    |     |      |     | 10     | 118 |     |
| Lab Sample ID: | Q2458-01MS<br>(Column 2) | Client Sample ID: |        | TP-76MS |       |     |      |     |      |     |        |     |     |
|                | DICAMBA                  | 183.4             | 0      | 84.8    | ug/Kg | 46  |      |     |      |     | 10     | 112 |     |
|                | DICHLORPROP              | 183.4             | 0      | 103     | ug/Kg | 56  |      |     |      |     | 10     | 113 |     |
|                | 2,4-D                    | 183.4             | 0      | 94.4    | ug/Kg | 51  |      |     |      |     | 10     | 144 |     |
|                | 2,4,5-TP(Silvex)         | 183.4             | 0      | 97.3    | ug/Kg | 53  |      |     |      |     | 10     | 114 |     |
|                | 2,4,5-T                  | 183.4             | 0      | 91.0    | ug/Kg | 50  |      |     |      |     | 10     | 115 |     |
|                | 2,4-DB                   | 183.4             | 0      | 85.1    | ug/Kg | 46  |      |     |      |     | 10     | 140 |     |
|                | Dinoseb                  | 183.4             | 0      | 0       | ug/Kg | 0   | *    |     |      |     | 10     | 118 |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

SW-846

|                 |                  |                           |                   |
|-----------------|------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2484</u>     | <b>Analytical Method:</b> | <u>8151A</u>      |
| <b>Client:</b>  | <u>CDM Smith</u> | <b>DataFile :</b>         | <u>PS030950.D</u> |

|                |                  |                   | Sample |          |       | Rec |      | RPD |      | Limits |      |     |
|----------------|------------------|-------------------|--------|----------|-------|-----|------|-----|------|--------|------|-----|
|                | Parameter        | Spike             | Result | Result   | Units | Rec | Qual | RPD | Qual | Low    | High | RPD |
| Lab Sample ID: | Q2458-01MSD      | Client Sample ID: |        | TP-76MSD |       |     |      |     |      |        |      |     |
|                | (Column 1)       |                   |        |          |       |     |      |     |      |        |      |     |
|                | DICAMBA          | 183.6             | 0      | 88.8     | ug/Kg | 48  |      | 2   |      | 10     | 112  | 20  |
|                | DICHLORPROP      | 183.6             | 0      | 95.0     | ug/Kg | 52  |      | 0   |      | 10     | 113  | 20  |
|                | 2,4-D            | 183.6             | 0      | 139      | ug/Kg | 76  |      | 1   |      | 10     | 144  | 20  |
|                | 2,4,5-TP(Silvex) | 183.6             | 0      | 95.9     | ug/Kg | 52  |      | 0   |      | 10     | 114  | 20  |
|                | 2,4,5-T          | 183.6             | 0      | 101      | ug/Kg | 55  |      | 2   |      | 10     | 115  | 20  |
|                | 2,4-DB           | 183.6             | 0      | 95.5     | ug/Kg | 52  |      | 2   |      | 10     | 140  | 20  |
|                | Dinoseb          | 183.6             | 0      | 0        | ug/Kg | 0   | *    | 0   |      | 10     | 118  | 20  |
| Lab Sample ID: | Q2458-01MSD      | Client Sample ID: |        | TP-76MSD |       |     |      |     |      |        |      |     |
|                | (Column 2)       |                   |        |          |       |     |      |     |      |        |      |     |
|                | DICAMBA          | 183.6             | 0      | 86.3     | ug/Kg | 47  |      | 2   |      | 10     | 112  | 20  |
|                | DICHLORPROP      | 183.6             | 0      | 99.3     | ug/Kg | 54  |      | 4   |      | 10     | 113  | 20  |
|                | 2,4-D            | 183.6             | 0      | 95.4     | ug/Kg | 52  |      | 2   |      | 10     | 144  | 20  |
|                | 2,4,5-TP(Silvex) | 183.6             | 0      | 96.8     | ug/Kg | 53  |      | 0   |      | 10     | 114  | 20  |
|                | 2,4,5-T          | 183.6             | 0      | 90.4     | ug/Kg | 49  |      | 2   |      | 10     | 115  | 20  |
|                | 2,4-DB           | 183.6             | 0      | 98.8     | ug/Kg | 54  |      | 16  |      | 10     | 140  | 20  |
|                | Dinoseb          | 183.6             | 0      | 0        | ug/Kg | 0   | *    | 0   |      | 10     | 118  | 20  |

**SW-846**

Datafile : PS030965.D

| Lab Sample ID            | Parameter        | Spike | Result | Units | Rec | RPD | Qual | RPD  | Limits |      |
|--------------------------|------------------|-------|--------|-------|-----|-----|------|------|--------|------|
|                          |                  |       |        |       |     |     |      | Qual | Low    | High |
| PB168706BS<br>(Column 1) | DICAMBA          | 166.5 | 171    | ug/Kg | 103 |     |      |      | 72     | 129  |
|                          | DICHLORPROP      | 166.5 | 163    | ug/Kg | 98  |     |      |      | 77     | 135  |
|                          | 2,4-D            | 166.5 | 184    | ug/Kg | 111 |     |      |      | 65     | 144  |
|                          | 2,4,5-TP(Silvex) | 166.5 | 176    | ug/Kg | 106 |     |      |      | 74     | 146  |
|                          | 2,4,5-T          | 166.5 | 183    | ug/Kg | 110 |     |      |      | 77     | 134  |
|                          | 2,4-DB           | 166.5 | 192    | ug/Kg | 115 |     |      |      | 72     | 122  |
|                          | Dinoseb          | 166.5 | 170    | ug/Kg | 102 |     |      |      | 74     | 132  |
| PB168706BS<br>(Column 2) | DICAMBA          | 166.5 | 161    | ug/Kg | 97  |     |      |      | 72     | 129  |
|                          | DICHLORPROP      | 166.5 | 159    | ug/Kg | 95  |     |      |      | 77     | 135  |
|                          | 2,4-D            | 166.5 | 153    | ug/Kg | 92  |     |      |      | 65     | 144  |
|                          | 2,4,5-TP(Silvex) | 166.5 | 167    | ug/Kg | 100 |     |      |      | 74     | 146  |
|                          | 2,4,5-T          | 166.5 | 167    | ug/Kg | 100 |     |      |      | 77     | 134  |
|                          | 2,4-DB           | 166.5 | 161    | ug/Kg | 97  |     |      |      | 72     | 122  |
|                          | Dinoseb          | 166.5 | 155    | ug/Kg | 93  |     |      |      | 74     | 132  |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168706BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Lab Sample ID: PB168706BL

Lab File ID: PS030947.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/02/2025

Date Analyzed (1): 07/08/2025

Date Analyzed (2): 07/08/2025

Time Analyzed (1): 12:19

Time Analyzed (2): 12:19

Instrument ID (1): ECD\_S

Instrument ID (2): ECD\_S

GC Column (1): RTX-CLP ID: 0.32 (mm)

GC Column (2): RTX-CLP2 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 |
|-------------------|------------------|----------------|--------------------|--------------------|
| TP-58             | Q2484-01         | PS030934.D     | 07/07/2025         | 07/07/2025         |
| TP-57             | Q2484-02         | PS030935.D     | 07/07/2025         | 07/07/2025         |
| TP-107            | Q2484-04         | PS030937.D     | 07/07/2025         | 07/07/2025         |
| TP-106            | Q2484-05         | PS030938.D     | 07/08/2025         | 07/08/2025         |
| TP-104            | Q2484-06         | PS030939.D     | 07/08/2025         | 07/08/2025         |
| TP-76MS           | Q2458-01MS       | PS030949.D     | 07/08/2025         | 07/08/2025         |
| TP-76MSD          | Q2458-01MSD      | PS030950.D     | 07/08/2025         | 07/08/2025         |
| PB168706BS        | PB168706BS       | PS030965.D     | 07/09/2025         | 07/09/2025         |
| TP-64             | Q2484-03         | PS030988.D     | 07/10/2025         | 07/10/2025         |

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





# SAMPLE DATA

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/01/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/01/25  |
| Client Sample ID:  | TP-58                      | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2484-01                   | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 86.2      |
| Sample Wt/Vol:     | 30.02                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030934.D        | 1         | 07/02/25 11:30 | 07/07/25 22:25 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 9.00  | U         | 9.00     | 77.7       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 14.8  | U         | 14.8     | 77.7       | ug/Kg             |
| 94-75-7           | 2,4-D             | 10.5  | U         | 10.5     | 77.7       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 10.5  | U         | 10.5     | 77.7       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 10.1  | U         | 10.1     | 77.7       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 28.1  | U         | 28.1     | 77.7       | ug/Kg             |
| 88-85-7           | DINOSEB           | 12.5  | U         | 12.5     | 77.7       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 274   |           | 10 - 141 | 55%        | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030934.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 22:25  
Operator : AR\AJ  
Sample : Q2484-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
TP-58

Manual Integrations  
**APPROVED**

Reviewed By :Abdul Mirza 07/08/2025  
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 01:53:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|-------|-------|---------|---------|---------|----------|
| -----                       |       |       |         |         |         |          |
| System Monitoring Compounds |       |       |         |         |         |          |
| 4) S 2,4-DCAA               | 7.337 | 7.765 | 965.2E6 | 293.5E6 | 262.689 | 273.841m |

Target Compounds  
-----

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030934.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 22:25  
Operator : AR\AJ  
Sample : Q2484-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

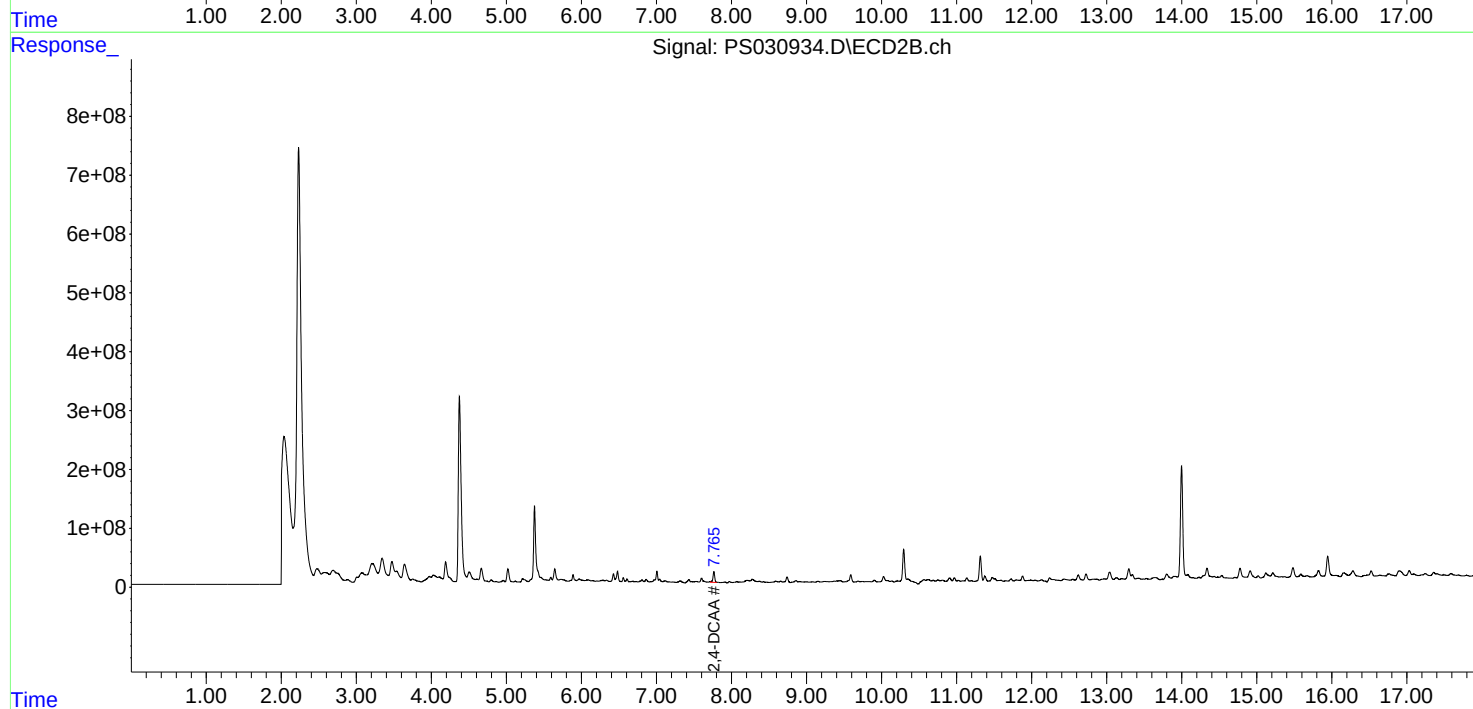
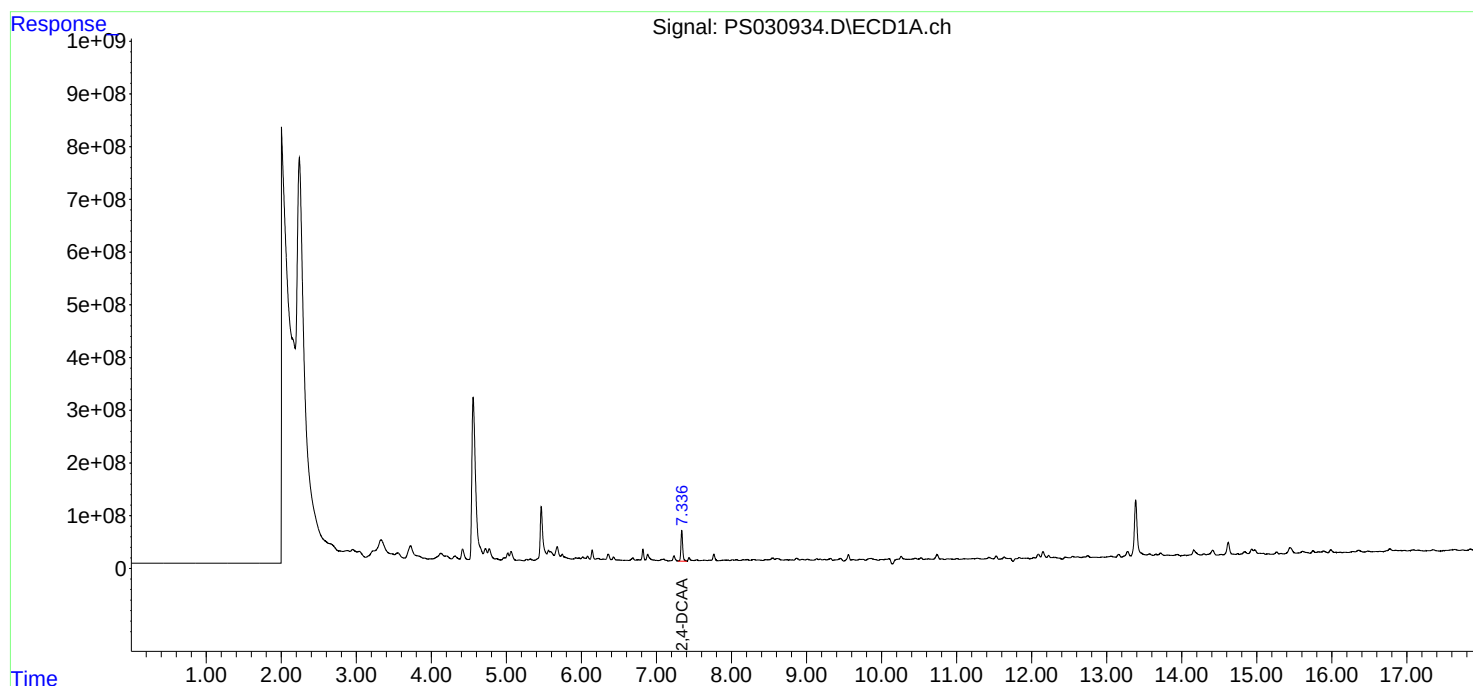
Instrument :  
ECD\_S  
ClientSampleId :  
TP-58

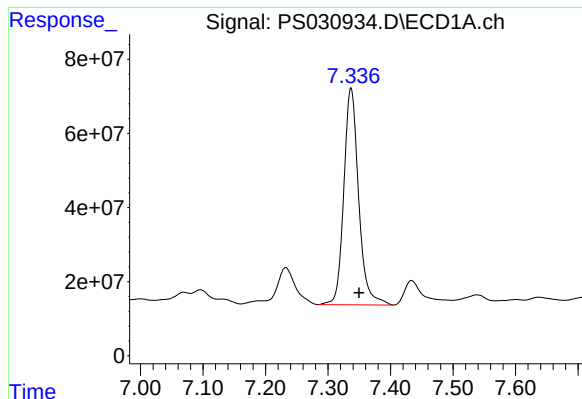
Manual Integrations  
**APPROVED**

Reviewed By : Abdul Mirza 07/08/2025  
Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 01:53:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





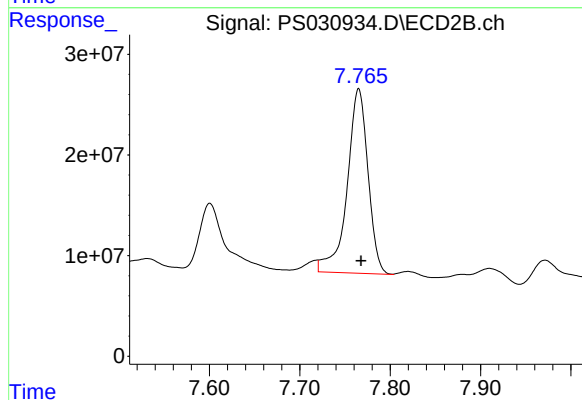
#4 2,4-DCAA

R.T.: 7.337 min  
Delta R.T.: -0.013 min  
Response: 965221997  
Conc: 262.69 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-58

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/08/2025  
Supervised By :mohammad ahmed 07/10/2025



#4 2,4-DCAA

R.T.: 7.765 min  
Delta R.T.: -0.003 min  
Response: 293547904  
Conc: 273.84 ng/ml m

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/01/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/01/25  |
| Client Sample ID:  | TP-57                      | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2484-02                   | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 86        |
| Sample Wt/Vol:     | 30.05                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030935.D        | 1         | 07/02/25 11:30 | 07/07/25 22:49 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 9.00  | U         | 9.00     | 77.8       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 14.9  | U         | 14.9     | 77.8       | ug/Kg             |
| 94-75-7           | 2,4-D             | 10.5  | U         | 10.5     | 77.8       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 10.5  | U         | 10.5     | 77.8       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 10.1  | U         | 10.1     | 77.8       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 28.1  | U         | 28.1     | 77.8       | ug/Kg             |
| 88-85-7           | DINOSEB           | 12.5  | U         | 12.5     | 77.8       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 304   |           | 10 - 141 | 61%        | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
 Data File : PS030935.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 22:49  
 Operator : AR\AJ  
 Sample : Q2484-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP-57

**Manual Integrations**  
**APPROVED**

Reviewed By :Abdul Mirza 07/08/2025  
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 01:53:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|-------|-------|----------|---------|---------|----------|
| -----                       |       |       |          |         |         |          |
| System Monitoring Compounds |       |       |          |         |         |          |
| 4) S 2,4-DCAA               | 7.336 | 7.764 | 1117.3E6 | 305.4E6 | 304.090 | 284.925m |

Target Compounds

-----

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030935.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 22:49  
Operator : AR\AJ  
Sample : Q2484-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

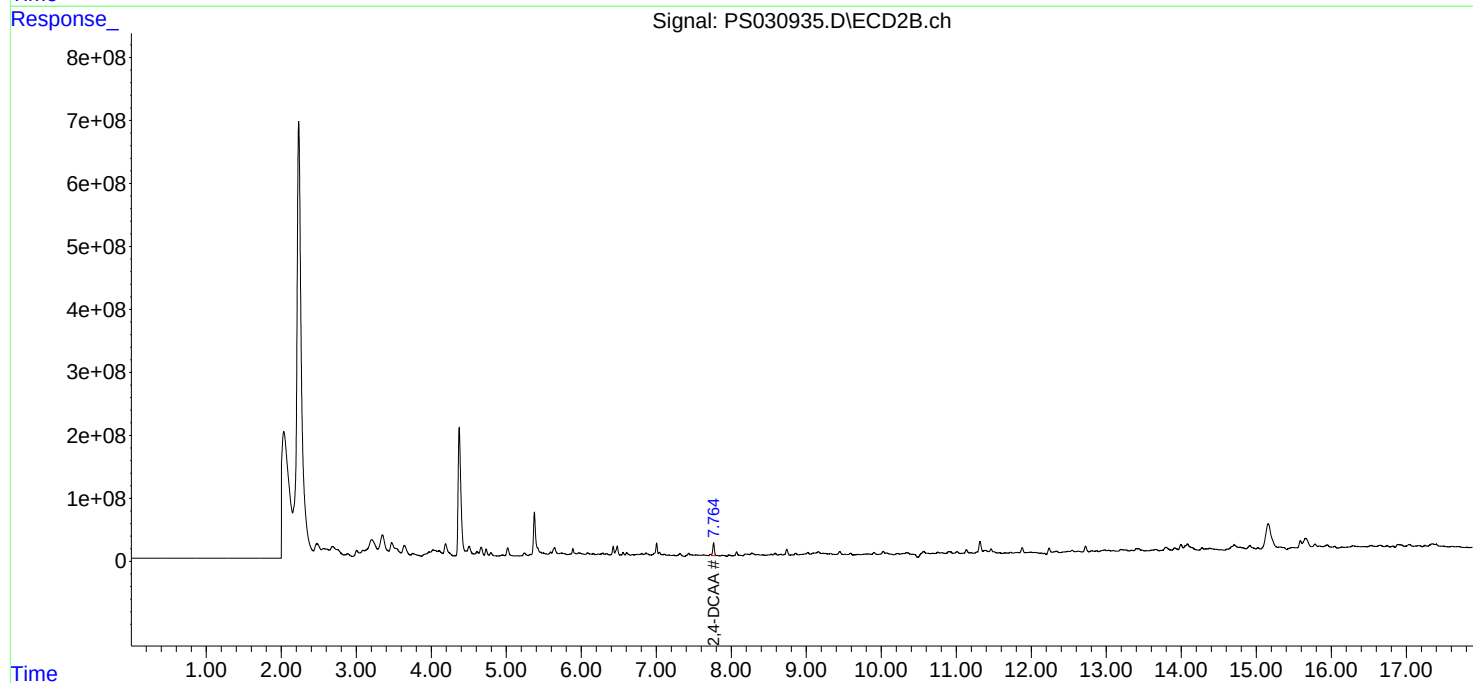
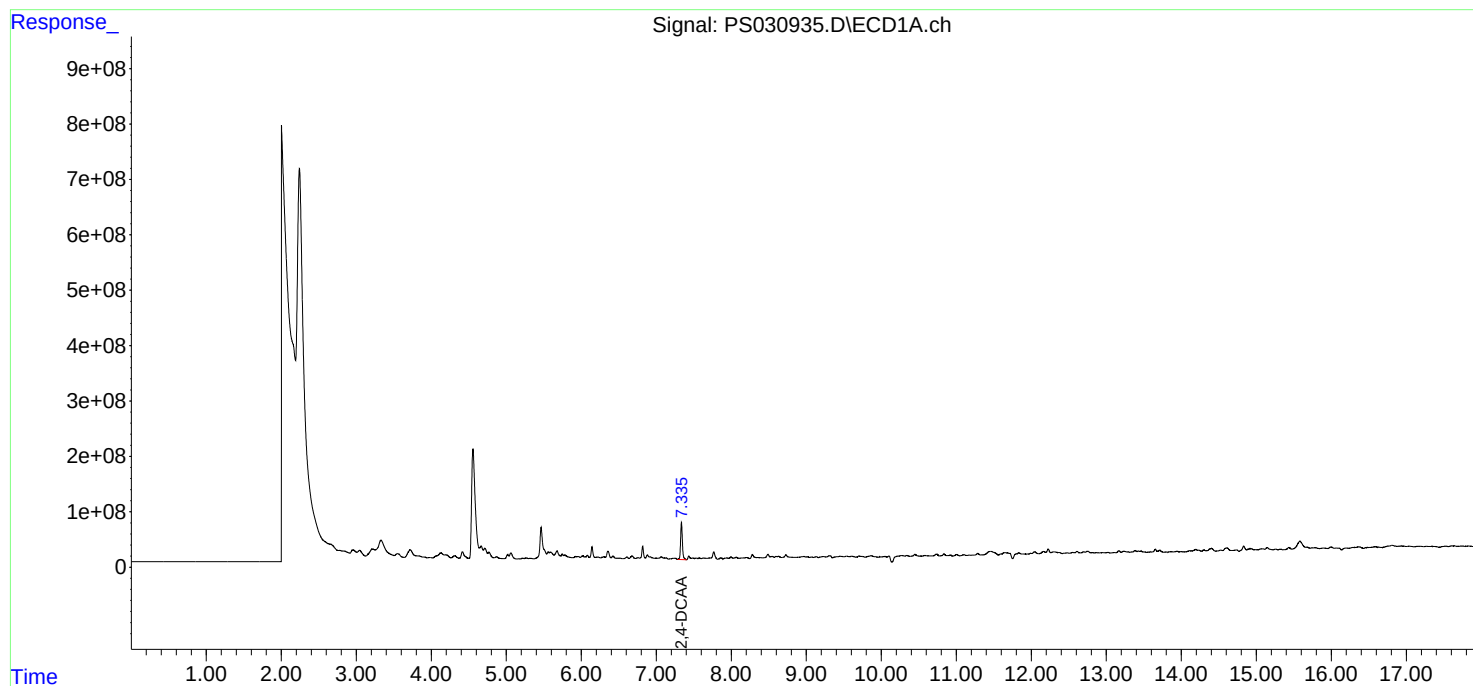
Instrument :  
ECD\_S  
ClientSampleId :  
TP-57

Manual Integrations  
APPROVED

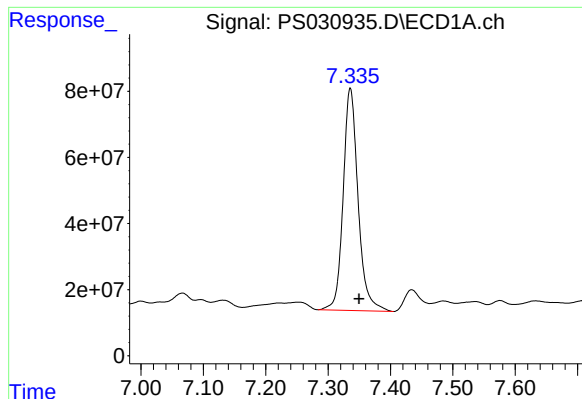
Reviewed By : Abdul Mirza 07/08/2025  
Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 01:53:32 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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







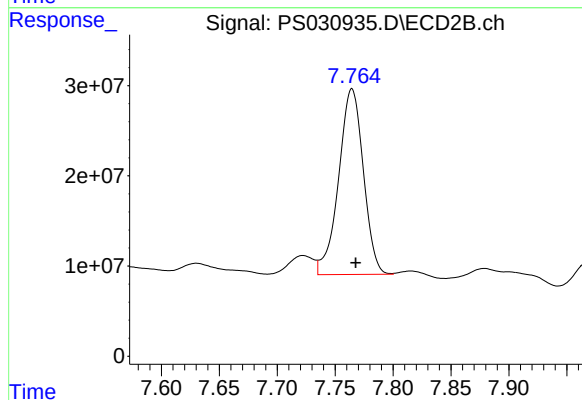
#4 2,4-DCAA

R.T.: 7.336 min  
Delta R.T.: -0.014 min  
Response: 1117348473  
Conc: 304.09 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-57

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/08/2025  
Supervised By :mohammad ahmed 07/10/2025



#4 2,4-DCAA

R.T.: 7.764 min  
Delta R.T.: -0.004 min  
Response: 305429605  
Conc: 284.93 ng/ml m

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/01/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/01/25  |
| Client Sample ID:  | TP-64                      | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2484-03                   | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 88.4      |
| Sample Wt/Vol:     | 30.08                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030988.D        | 1         | 07/02/25 11:30 | 07/10/25 16:06 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 8.70  | U         | 8.70     | 75.6       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 14.4  | U         | 14.4     | 75.6       | ug/Kg             |
| 94-75-7           | 2,4-D             | 10.2  | U         | 10.2     | 75.6       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 10.2  | U         | 10.2     | 75.6       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 9.80  | U         | 9.80     | 75.6       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 27.3  | U         | 27.3     | 75.6       | ug/Kg             |
| 88-85-7           | DINOSEB           | 12.2  | U         | 12.2     | 75.6       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 96.8  |           | 10 - 141 | 19%        | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071025\  
 Data File : PS030988.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2025 16:06  
 Operator : AR\AJ  
 Sample : Q2484-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP-64

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 22:58:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|---------|---------|--------|--------|
| -----                       |       |       |         |         |        |        |
| System Monitoring Compounds |       |       |         |         |        |        |
| 4) S 2,4-DCAA               | 7.336 | 7.766 | 355.6E6 | 103.1E6 | 96.791 | 96.152 |

Target Compounds

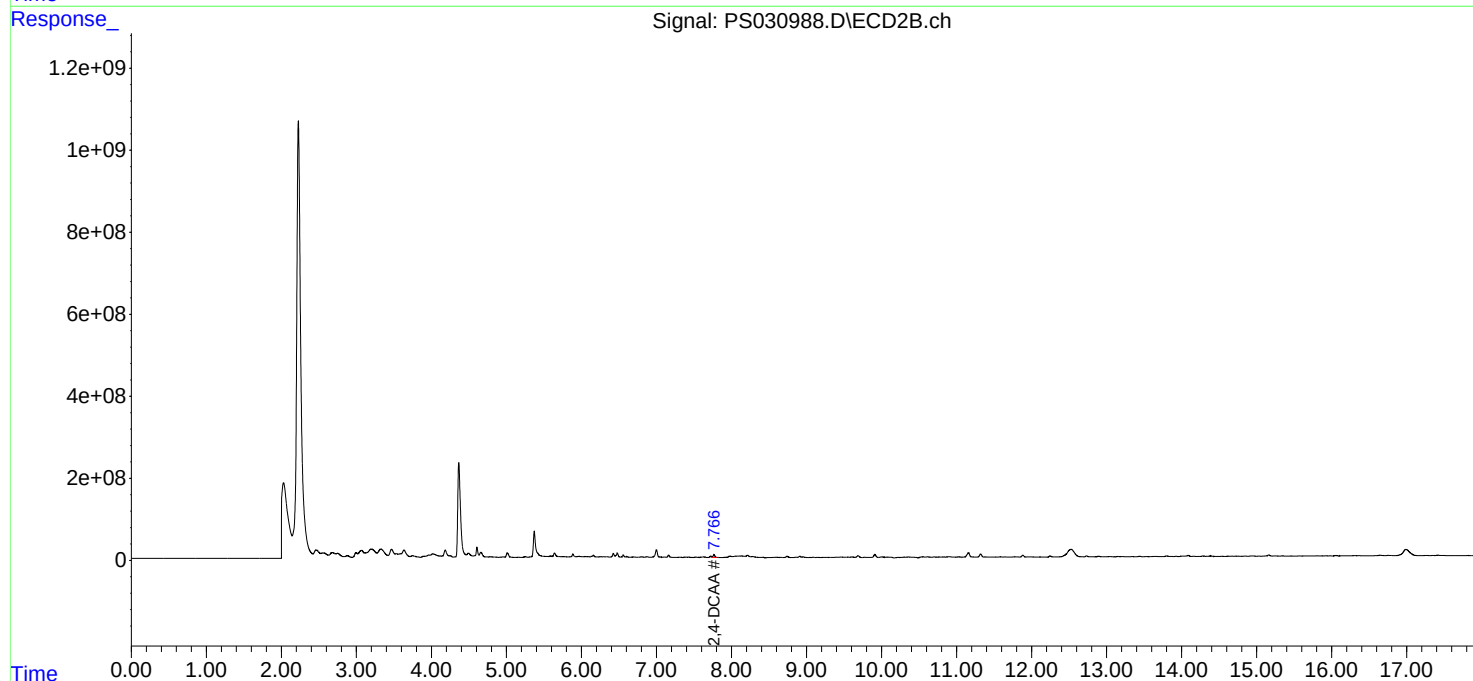
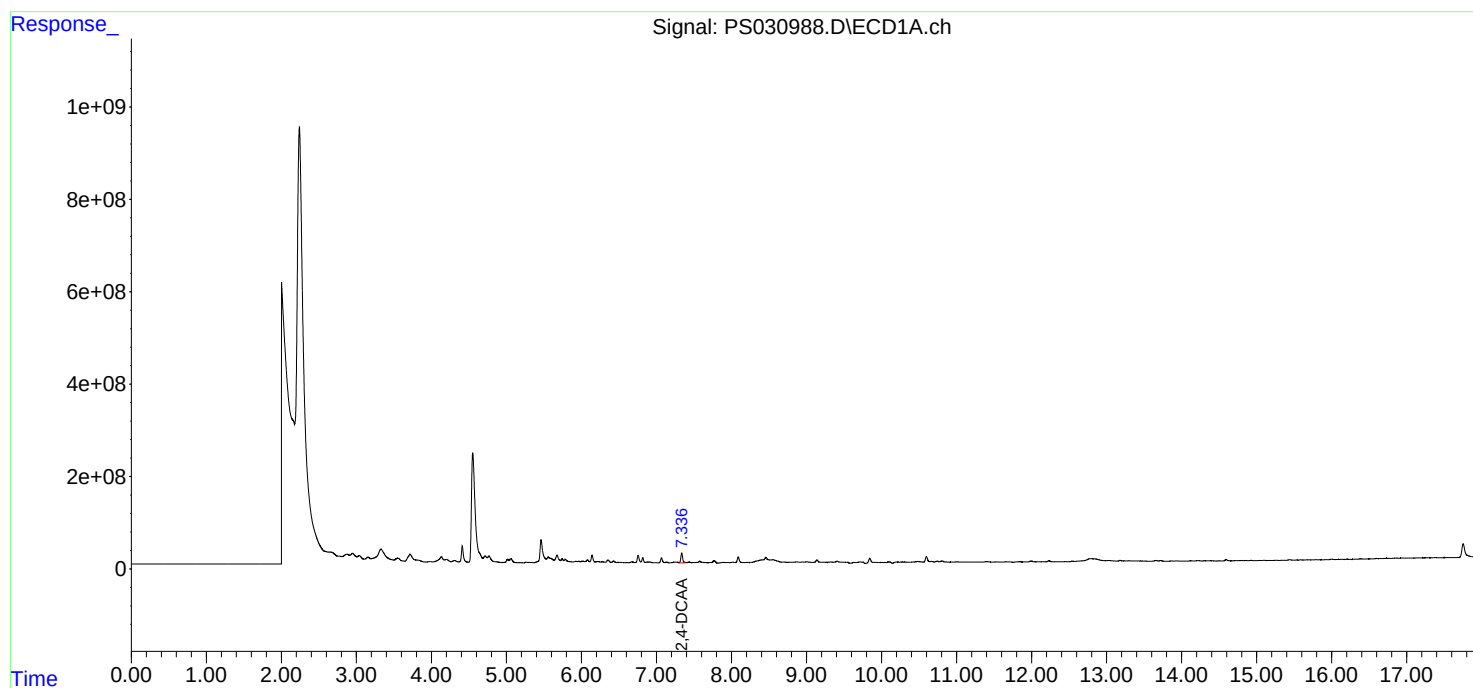
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

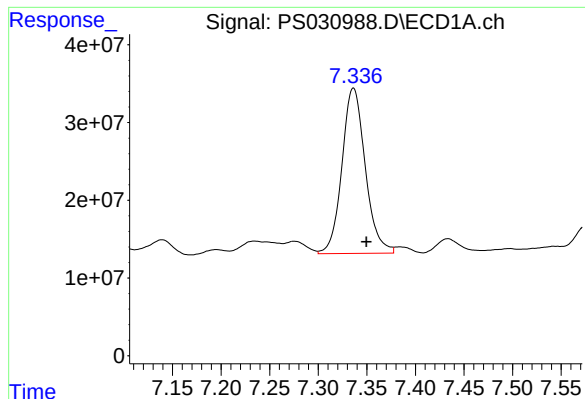
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071025\  
Data File : PS030988.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2025 16:06  
Operator : AR\AJ  
Sample : Q2484-03  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
TP-64

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 22:58:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

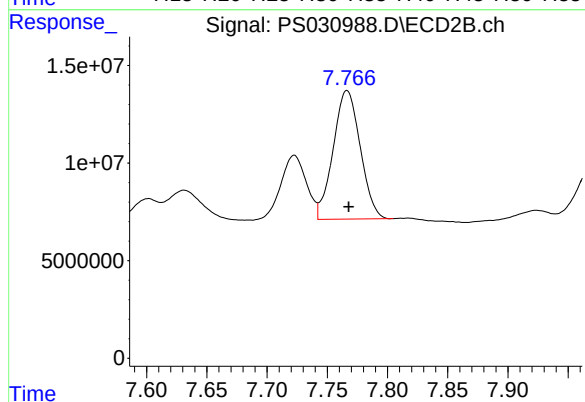




#4 2,4-DCAA

R.T.: 7.336 min  
Delta R.T.: -0.013 min  
Response: 355649159  
Conc: 96.79 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-64



#4 2,4-DCAA

R.T.: 7.766 min  
Delta R.T.: -0.002 min  
Response: 103071743  
Conc: 96.15 ng/ml

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/01/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/01/25  |
| Client Sample ID:  | TP-107                     | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2484-04                   | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 83.8      |
| Sample Wt/Vol:     | 30.04                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030937.D        | 1         | 07/02/25 11:30 | 07/07/25 23:37 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 9.20  | U         | 9.20     | 79.8       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 15.3  | U         | 15.3     | 79.8       | ug/Kg             |
| 94-75-7           | 2,4-D             | 10.8  | U         | 10.8     | 79.8       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 10.8  | U         | 10.8     | 79.8       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 10.4  | U         | 10.4     | 79.8       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 28.8  | U         | 28.8     | 79.8       | ug/Kg             |
| 88-85-7           | DINOSEB           | 12.9  | U         | 12.9     | 79.8       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 437   |           | 10 - 141 | 87%        | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
 Data File : PS030937.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 23:37  
 Operator : AR\AJ  
 Sample : Q2484-04  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP-107

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 01:54:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 4) S 2,4-DCAA               | 7.336 | 7.767 | 1414.9E6 | 468.0E6 | 385.076 | 436.609 |

Target Compounds

-----

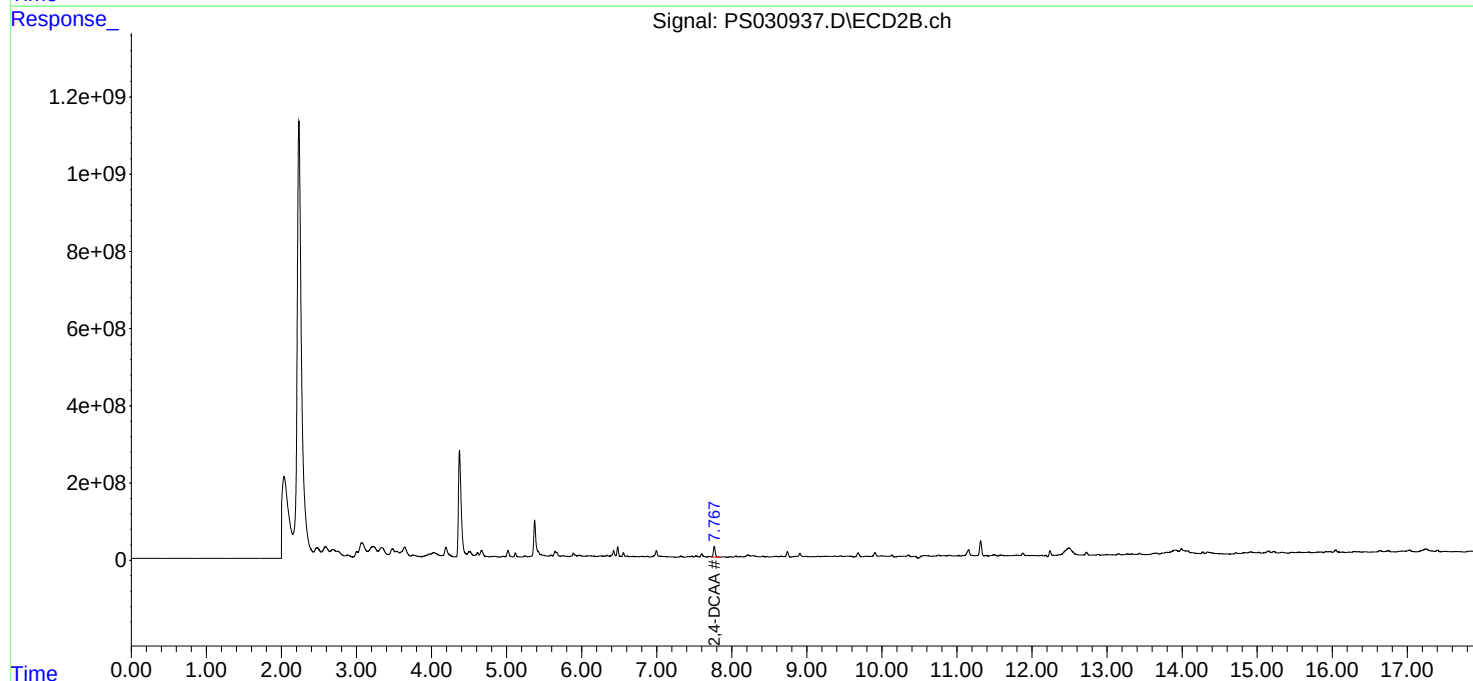
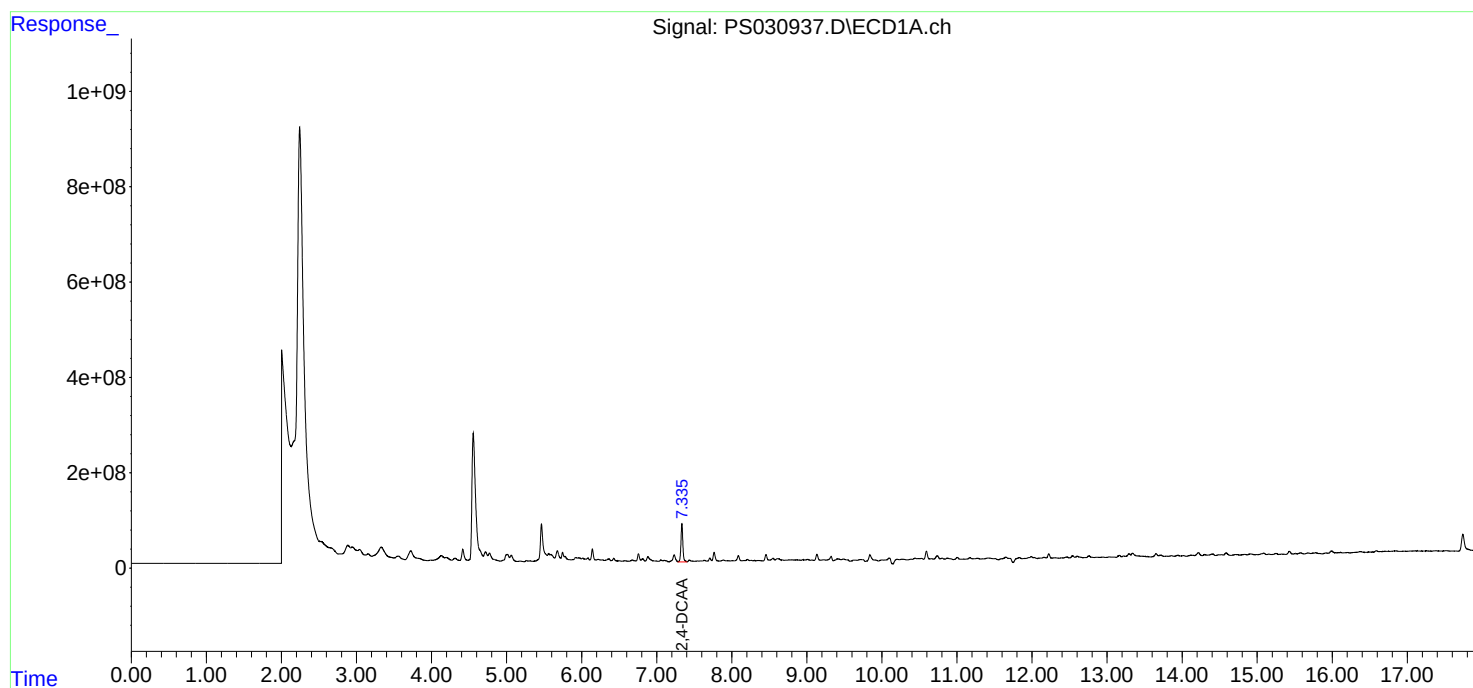
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030937.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 23:37  
Operator : AR\AJ  
Sample : Q2484-04  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

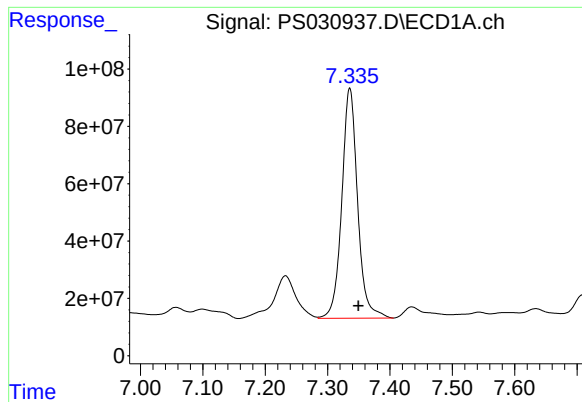
Instrument :  
ECD\_S  
ClientSampleId :  
TP-107

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 01:54:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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







#4 2,4-DCAA

R.T.: 7.336 min

Delta R.T.: -0.014 min

Response: 1414922903

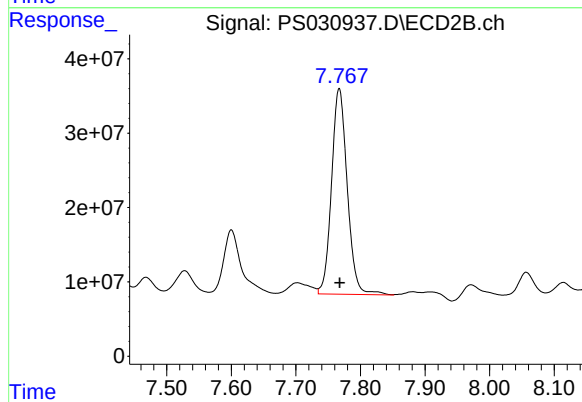
Conc: 385.08 ng/ml

Instrument :

ECD\_S

ClientSampleId :

TP-107



#4 2,4-DCAA

R.T.: 7.767 min

Delta R.T.: 0.000 min

Response: 468028770

Conc: 436.61 ng/ml

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/01/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/01/25  |
| Client Sample ID:  | TP-106                     | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2484-05                   | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 87.9      |
| Sample Wt/Vol:     | 30.07                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030938.D        | 1         | 07/02/25 11:30 | 07/08/25 00:01 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 8.80  | U         | 8.80     | 76.0       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 14.5  | U         | 14.5     | 76.0       | ug/Kg             |
| 94-75-7           | 2,4-D             | 10.3  | U         | 10.3     | 76.0       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 10.3  | U         | 10.3     | 76.0       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 9.90  | U         | 9.90     | 76.0       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 27.5  | U         | 27.5     | 76.0       | ug/Kg             |
| 88-85-7           | DINOSEB           | 12.3  | U         | 12.3     | 76.0       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 607   |           | 10 - 141 | 121%       | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030938.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 00:01  
Operator : AR\AJ  
Sample : Q2484-05  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
TP-106

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 01:54:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 4) S 2,4-DCAA               | 7.336 | 7.767 | 1889.8E6 | 651.0E6 | 514.322 | 607.294 |

Target Compounds  
-----

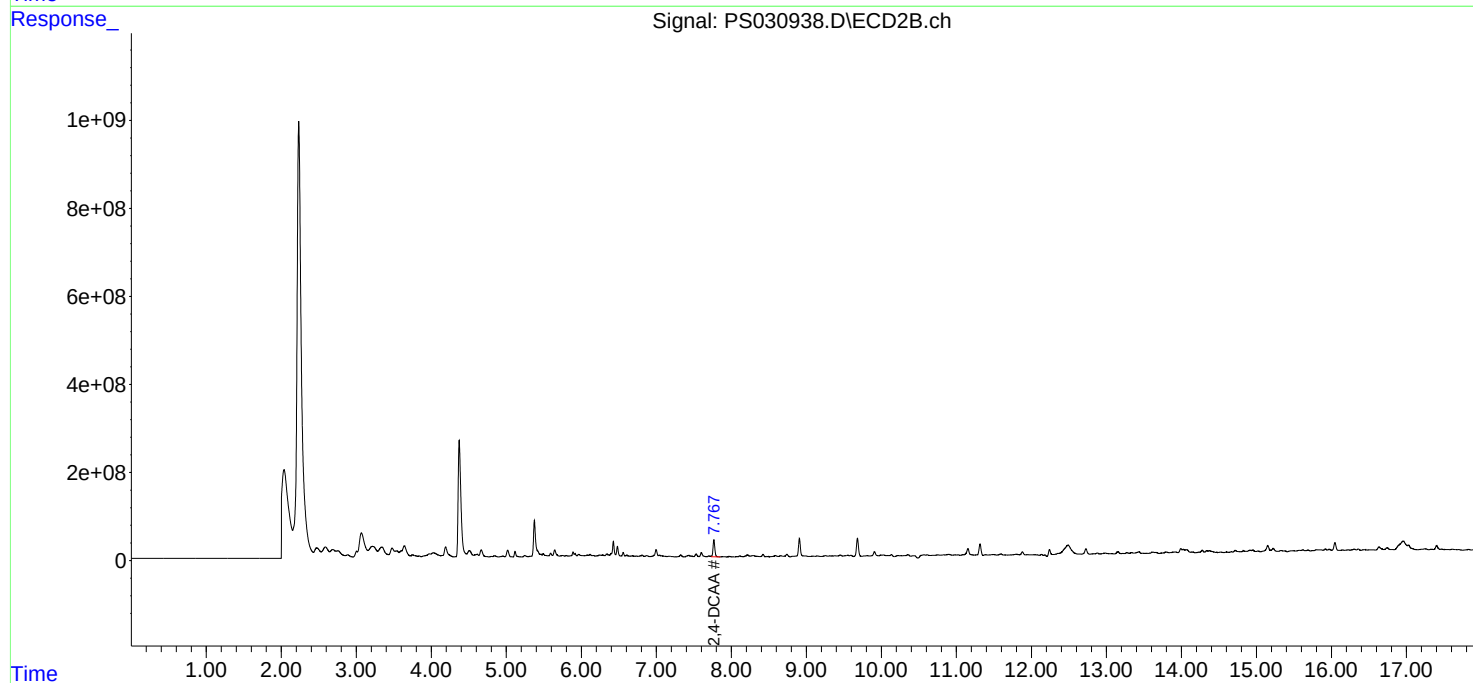
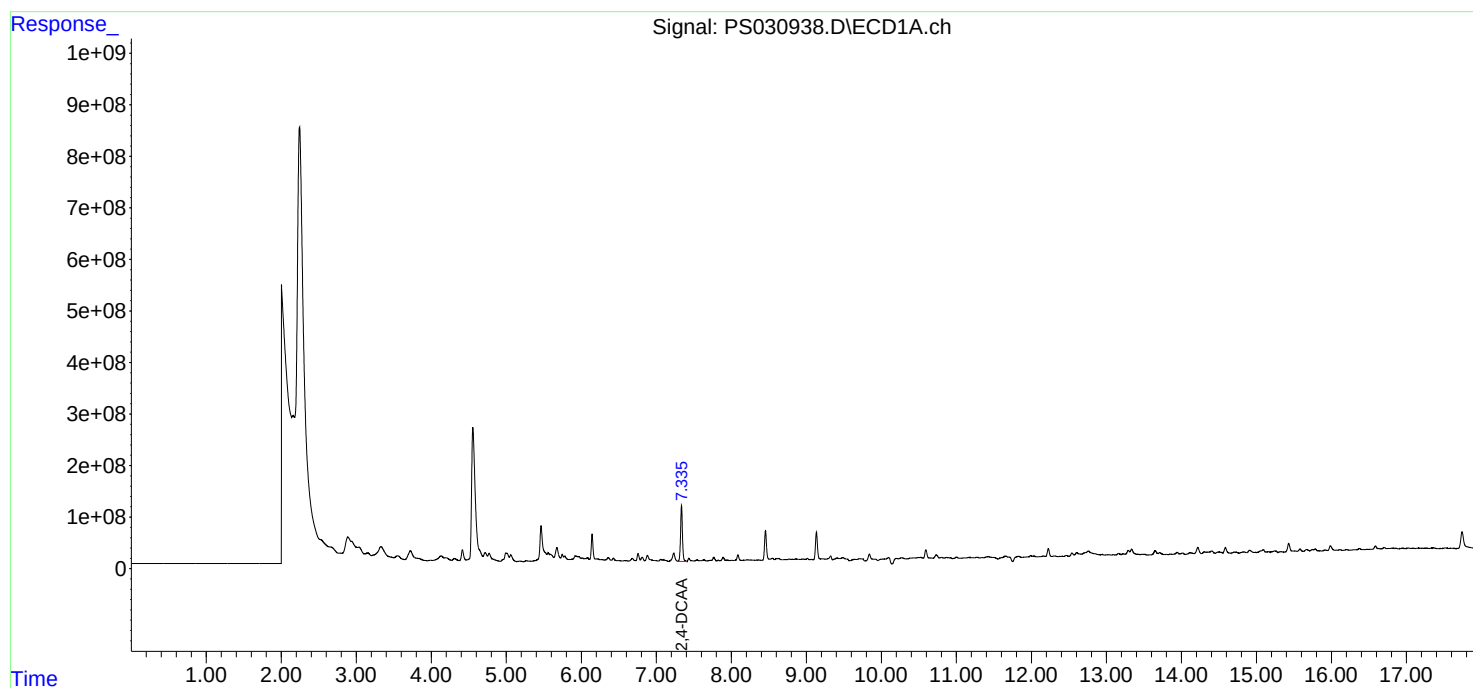
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030938.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 00:01  
Operator : AR\AJ  
Sample : Q2484-05  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
TP-106

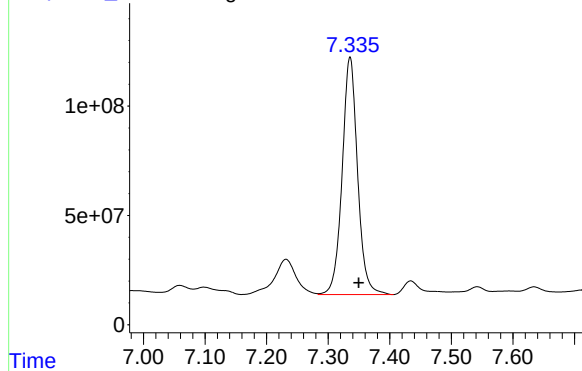
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 01:54:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Signal: PS030938.D\ECD1A.ch

#4 2,4-DCAA

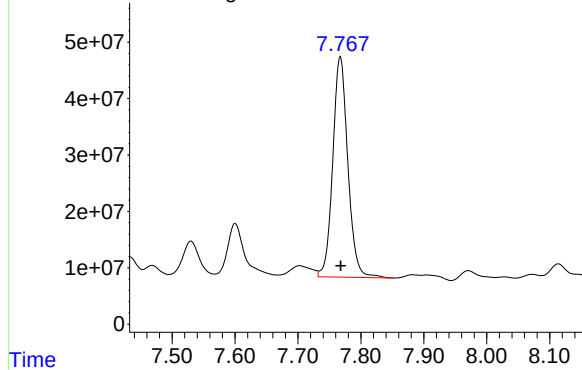


R.T.: 7.336 min  
Delta R.T.: -0.014 min  
Response: 1889820287  
Conc: 514.32 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-106

Signal: PS030938.D\ECD2B.ch

#4 2,4-DCAA



R.T.: 7.767 min  
Delta R.T.: 0.000 min  
Response: 650997003  
Conc: 607.29 ng/ml

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/01/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/01/25  |
| Client Sample ID:  | TP-104                     | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2484-06                   | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 87.3      |
| Sample Wt/Vol:     | 30.03                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030939.D        | 1         | 07/02/25 11:30 | 07/08/25 00:25 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 8.90  | U         | 8.90     | 76.7       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 14.6  | U         | 14.6     | 76.7       | ug/Kg             |
| 94-75-7           | 2,4-D             | 10.3  | U         | 10.3     | 76.7       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 10.4  | U         | 10.4     | 76.7       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 10.0  | U         | 10.0     | 76.7       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 27.7  | U         | 27.7     | 76.7       | ug/Kg             |
| 88-85-7           | DINOSEB           | 12.4  | U         | 12.4     | 76.7       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 395   |           | 10 - 141 | 79%        | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
 Data File : PS030939.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2025 00:25  
 Operator : AR\AJ  
 Sample : Q2484-06  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP-104

**Manual Integrations**  
**APPROVED**

Reviewed By : Abdul Mirza 07/09/2025  
 Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 01:54:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|-------|-------|----------|---------|---------|----------|
| -----                       |       |       |          |         |         |          |
| System Monitoring Compounds |       |       |          |         |         |          |
| 4) S 2,4-DCAA               | 7.335 | 7.767 | 1334.3E6 | 423.3E6 | 363.126 | 394.906m |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030939.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 00:25  
Operator : AR\AJ  
Sample : Q2484-06  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

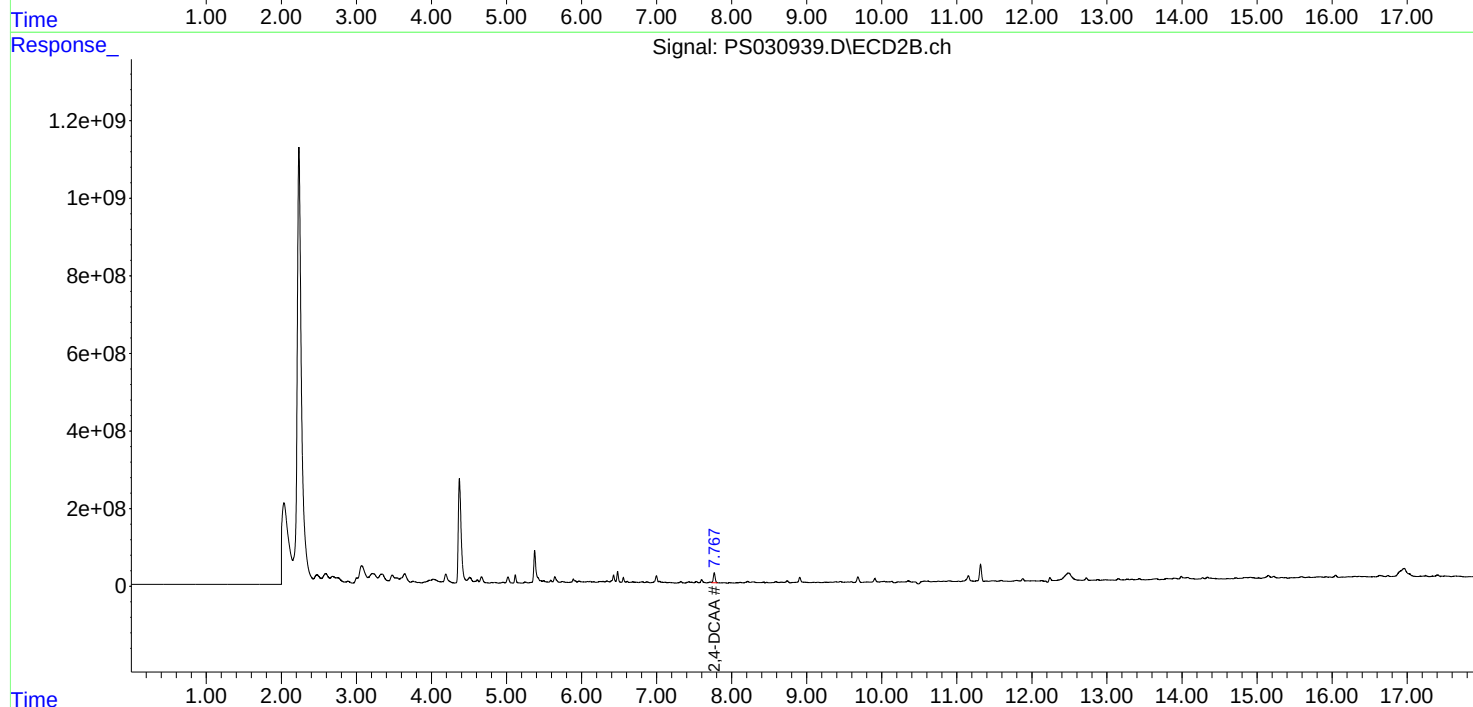
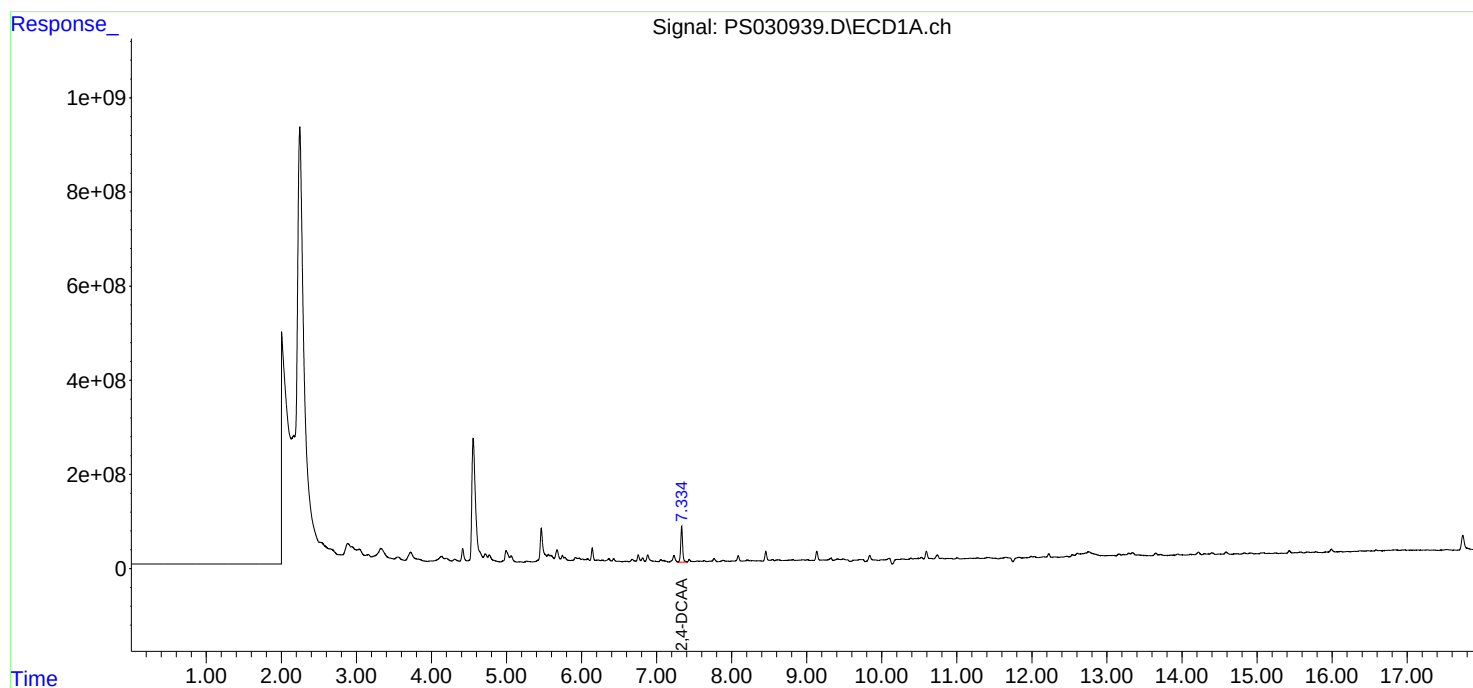
Instrument :  
ECD\_S  
ClientSampleId :  
TP-104

Manual Integrations  
**APPROVED**

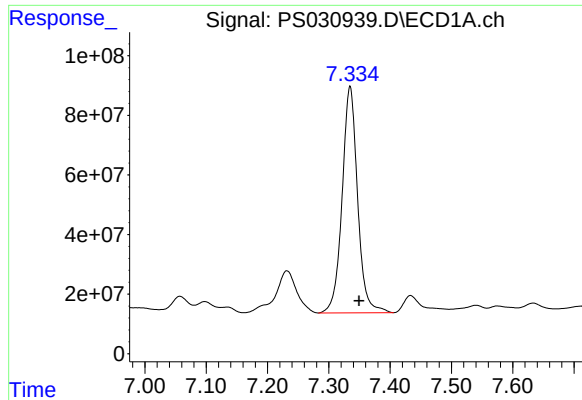
Reviewed By : Abdul Mirza 07/09/2025  
Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 01:54:26 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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







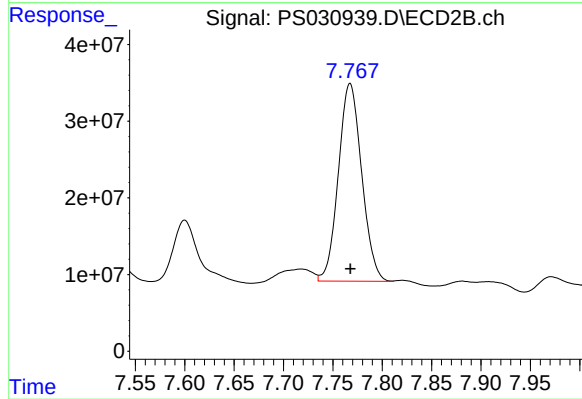
#4 2,4-DCAA

R.T.: 7.335 min  
Delta R.T.: -0.015 min  
Response: 1334270015  
Conc: 363.13 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-104

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/09/2025  
Supervised By :mohammad ahmed 07/10/2025



#4 2,4-DCAA

R.T.: 7.767 min  
Delta R.T.: 0.000 min  
Response: 423325018  
Conc: 394.91 ng/ml m



# CALIBRATION SUMMARY

**Calibration Times:**                      **11:25**                      **13:29**

|              |          |                   |           |                   |
|--------------|----------|-------------------|-----------|-------------------|
| LAB FILE ID: | RT 200 = | <u>PS030739.D</u> | RT 500 =  | <u>PS030740.D</u> |
|              | RT 750 = | PS030741.D        | RT 1000 = | PS030742.D        |
|              |          |                   | RT 1500 = | PS030743.D        |

[illegible]

**Calibration Times:**                      **11:25**                      **13:29**

|              |          |                   |           |                   |
|--------------|----------|-------------------|-----------|-------------------|
| LAB FILE ID: | RT 200 = | <u>PS030739.D</u> | RT 500 =  | <u>PS030740.D</u> |
|              | RT 750 = | PS030741.D        | RT 1000 = | PS030742.D        |
|              |          |                   | RT 1500 = | PS030743.D        |

[illegible]



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

### CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Instrument ID: ECD\_S

Calibration Date(s): 06/18/2025 06/18/2025

Calibration Times: 11:25 13:29

GC Column: RTX-CLP

ID: 0.32 (mm)

| LAB FILE ID:     |             | CF 200 =          | <u>PS030739.D</u> | CF 500 =          | <u>PS030740.D</u> |                   |       |
|------------------|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| CF 750 =         |             | <u>PS030741.D</u> | CF 1000 =         | <u>PS030742.D</u> | CF 1500 =         | <u>PS030743.D</u> |       |
| COMPOUND         | CF 200      | CF 500            | CF 750            | CF 1000           | CF 1500           | CF                | % RSD |
| 2,4,5-T          | 17256700000 | 16680000000       | 16830000000       | 16187900000       | 15311000000       | 16453200000       | 5     |
| 2,4,5-TP(Silvex) | 22282500000 | 20395400000       | 19977900000       | 18863900000       | 18632300000       | 20030400000       | 7     |
| 2,4-D            | 3868070000  | 3398090000        | 3305570000        | 3150720000        | 3499600000        | 3444410000        | 8     |
| 2,4-DB           | 2481600000  | 2363020000        | 2407410000        | 2376040000        | 1839440000        | 2293500000        | 11    |
| 2,4-DCAA         | 4451200000  | 3788090000        | 3593380000        | 3449860000        | 3089450000        | 3674390000        | 14    |
| DICAMBA          | 17792700000 | 15914300000       | 15443300000       | 14605900000       | 12319200000       | 15215100000       | 13    |
| DICHLORPROP      | 4637630000  | 3720970000        | 3496760000        | 3281660000        | 3591790000        | 3745760000        | 14    |
| Dinoseb          | 15211800000 | 14001800000       | 13914000000       | 13244000000       | 12994300000       | 13873200000       | 6     |



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

### CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Instrument ID: ECD\_S

Calibration Date(s): 06/18/2025 06/18/2025

Calibration Times: 11:25 13:29

GC Column: RTX-CLP2

ID: 0.32 (mm)

| LAB FILE ID:     |             | CF 200 =          | <u>PS030739.D</u> | CF 500 =          | <u>PS030740.D</u> |                   |       |
|------------------|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| CF 750 =         |             | <u>PS030741.D</u> | CF 1000 =         | <u>PS030742.D</u> | CF 1500 =         | <u>PS030743.D</u> |       |
| COMPOUND         | CF 200      | CF 500            | CF 750            | CF 1000           | CF 1500           | CF                | % RSD |
| 2,4,5-T          | 15648900000 | 14018900000       | 13695900000       | 12933300000       | 12026100000       | 13664600000       | 10    |
| 2,4,5-TP(Silvex) | 16493700000 | 14706300000       | 14316500000       | 13463300000       | 13163600000       | 14428700000       | 9     |
| 2,4-D            | 1965540000  | 1671750000        | 1622570000        | 1523690000        | 1713470000        | 1699410000        | 10    |
| 2,4-DB           | 1373320000  | 1199380000        | 1163600000        | 1108750000        | 1069470000        | 1182900000        | 10    |
| 2,4-DCAA         | 1283250000  | 1084080000        | 1050700000        | 993038000         | 948747000         | 1071960000        | 12    |
| DICAMBA          | 7304970000  | 6653080000        | 6566460000        | 6277600000        | 5963960000        | 6553210000        | 8     |
| DICHLORPROP      | 1855180000  | 1562920000        | 1498450000        | 1412800000        | 1533120000        | 1572500000        | 11    |
| Dinoseb          | 12099400000 | 10862400000       | 10728600000       | 10218500000       | 9997410000        | 10781200000       | 8     |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
 Data File : PS030739.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jun 2025 11:25  
 Operator : AR\AJ  
 Sample : HSTDICC200  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

**Instrument :**

ECD\_S

**ClientSampleId :**

HSTDICC200

**Manual Integrations****APPROVED**

Reviewed By :Abdul Mirza 06/19/2025

Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 13:36:04 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Wed Jun 18 13:31:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2   | ng/ml    | ng/ml   |
|-----------------------------|--------------|--------|--------|-----------|----------|----------|---------|
| -----                       |              |        |        |           |          |          |         |
| System Monitoring Compounds |              |        |        |           |          |          |         |
| 4) S                        | 2,4-DCAA     | 7.350  | 7.769  | 890.2E6   | 256.7E6  | 238.920  | 237.129 |
| Target Compounds            |              |        |        |           |          |          |         |
| 1) T                        | Dalapon      | 2.708  | 2.710  | 1216.6E6  | 586.5E6  | 209.922m | 209.695 |
| 2) T                        | 3,5-DICHL... | 6.508  | 6.716  | 1200.4E6  | 355.0E6  | 220.928  | 217.928 |
| 3) T                        | 4-Nitroph... | 7.150  | 7.302  | 330.2E6   | 350.3E6  | 207.247  | 199.990 |
| 5) T                        | DICAMBA      | 7.540  | 7.972  | 3345.0E6  | 1373.3E6 | 213.508  | 207.020 |
| 6) T                        | MCP          | 7.718  | 8.067  | 159.0E6   | 35228767 | 16.559   | 16.286  |
| 7) T                        | MCPA         | 7.868  | 8.315  | 212.7E6   | 56624493 | 17.882   | 17.775  |
| 8) T                        | DICHLORPROP  | 8.254  | 8.691  | 871.9E6   | 348.8E6  | 236.185  | 225.527 |
| 9) T                        | 2,4-D        | 8.487  | 9.027  | 727.2E6   | 369.5E6  | 214.344  | 221.836 |
| 10) T                       | Pentachlo... | 8.794  | 9.551  | 12128.2E6 | 8330.8E6 | 234.117  | 217.854 |
| 11) T                       | 2,4,5-TP ... | 9.375  | 9.933  | 4233.7E6  | 3133.8E6 | 210.774  | 216.695 |
| 12) T                       | 2,4,5-T      | 9.670  | 10.359 | 3278.8E6  | 2973.3E6 | 196.020  | 214.899 |
| 13) T                       | 2,4-DB       | 10.249 | 10.927 | 471.5E6   | 260.9E6  | 193.094  | 218.864 |
| 14) T                       | DINOSEB      | 11.468 | 11.312 | 2859.8E6  | 2274.7E6 | 204.681  | 209.757 |
| 15) T                       | Picloram     | 11.278 | 12.421 | 3022.6E6  | 4586.9E6 | 185.564  | 196.104 |
| 16) T                       | DCPA         | 11.763 | 12.355 | 5510.6E6  | 4823.7E6 | 213.250  | 217.126 |
| -----                       |              |        |        |           |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
Data File : PS030739.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2025 11:25  
Operator : AR\AJ  
Sample : HSTDICC200  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

HSTDICC200

## Manual Integrations

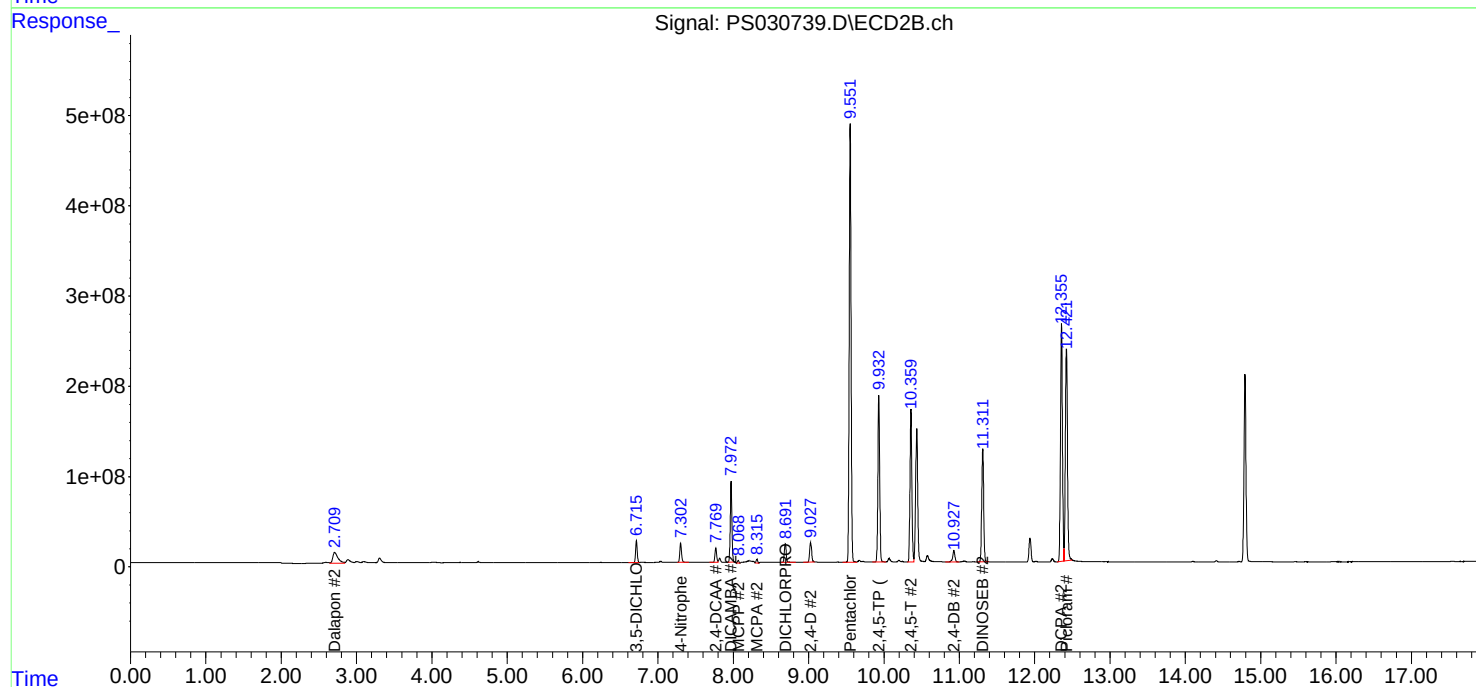
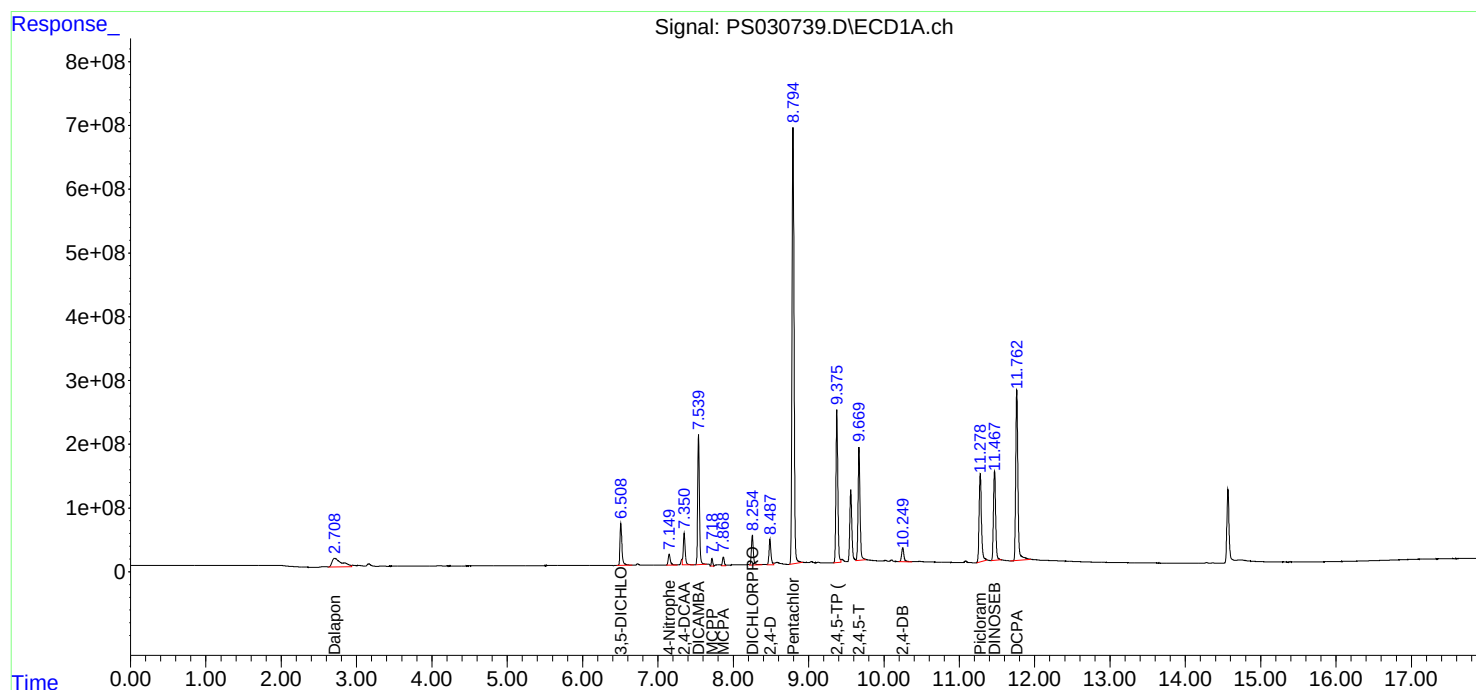
## APPROVED

Reviewed By :Abdul Mirza 06/19/2025

Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 13:36:04 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Wed Jun 18 13:31:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
 Data File : PS030740.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jun 2025 11:49  
 Operator : AR\AJ  
 Sample : HSTDICC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 13:34:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Wed Jun 18 13:31:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml   | ng/ml   |
|-----------------------------|--------------|--------|--------|-----------|-----------|---------|---------|
| -----                       |              |        |        |           |           |         |         |
| System Monitoring Compounds |              |        |        |           |           |         |         |
| 4) S                        | 2,4-DCAA     | 7.349  | 7.769  | 1894.0E6  | 542.0E6   | 534.313 | 525.189 |
| Target Compounds            |              |        |        |           |           |         |         |
| 1) T                        | Dalapon      | 2.708  | 2.709  | 2862.2E6  | 1279.7E6  | 484.339 | 475.652 |
| 2) T                        | 3,5-DICHL... | 6.508  | 6.715  | 2569.3E6  | 760.8E6   | 496.180 | 488.050 |
| 3) T                        | 4-Nitroph... | 7.149  | 7.302  | 729.5E6   | 790.6E6   | 474.299 | 462.739 |
| 5) T                        | DICAMBA      | 7.540  | 7.972  | 7479.7E6  | 3126.9E6  | 494.182 | 483.595 |
| 6) T                        | MCPD         | 7.720  | 8.069  | 436.8E6   | 102.3E6   | 44.172  | 45.746  |
| 7) T                        | MCPA         | 7.870  | 8.318  | 540.3E6   | 147.9E6   | 45.001  | 45.908  |
| 8) T                        | DICHLORPROP  | 8.254  | 8.692  | 1748.9E6  | 734.6E6   | 506.186 | 499.946 |
| 9) T                        | 2,4-D        | 8.487  | 9.027  | 1597.1E6  | 785.7E6   | 487.842 | 493.919 |
| 10) T                       | Pentachlo... | 8.795  | 9.552  | 26722.4E6 | 18957.2E6 | 547.623 | 514.600 |
| 11) T                       | 2,4,5-TP ... | 9.376  | 9.933  | 9687.8E6  | 6985.5E6  | 495.865 | 500.612 |
| 12) T                       | 2,4,5-T      | 9.670  | 10.359 | 7923.0E6  | 6659.0E6  | 477.455 | 497.589 |
| 13) T                       | 2,4-DB       | 10.247 | 10.927 | 1122.4E6  | 569.7E6   | 461.548 | 496.724 |
| 14) T                       | DINOSEB      | 11.468 | 11.312 | 6580.8E6  | 5105.3E6  | 481.683 | 484.806 |
| 15) T                       | Picloram     | 11.277 | 12.420 | 7497.3E6  | 11149.1E6 | 457.602 | 480.512 |
| 16) T                       | DCPA         | 11.762 | 12.356 | 12752.8E6 | 10935.3E6 | 507.557 | 508.871 |
| -----                       |              |        |        |           |           |         |         |

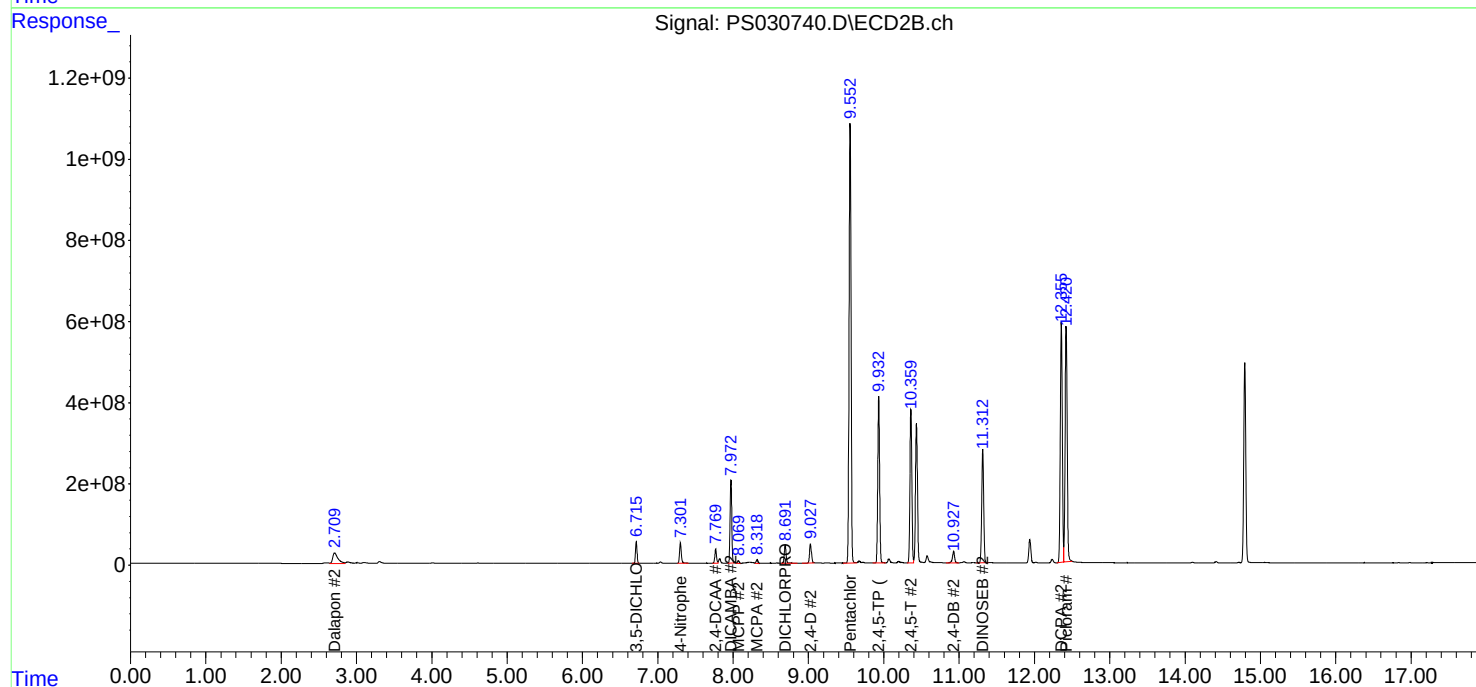
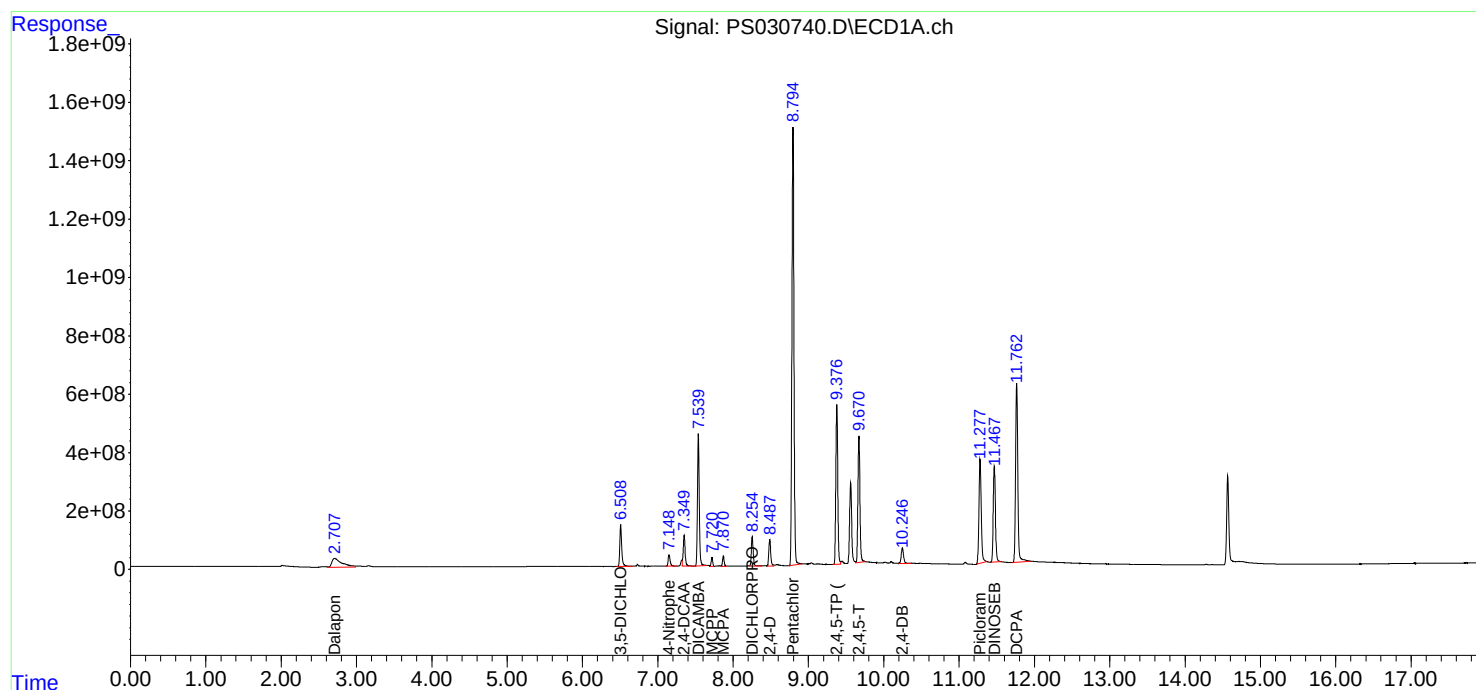
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
Data File : PS030740.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2025 11:49  
Operator : AR\AJ  
Sample : HSTDICC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 13:34:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Wed Jun 18 13:31:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
 Data File : PS030741.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jun 2025 12:13  
 Operator : AR\AJ  
 Sample : HSTDICC750  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

HSTDICC750

## Manual Integrations

## APPROVED

Reviewed By :Abdul Mirza 06/19/2025

Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 13:28:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Wed Jun 18 13:26:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml   |
|-----------------------------|--------------|--------|--------|-----------|-----------|----------|---------|
| -----                       |              |        |        |           |           |          |         |
| System Monitoring Compounds |              |        |        |           |           |          |         |
| 4) S                        | 2,4-DCAA     | 7.349  | 7.770  | 2695.0E6  | 788.0E6   | 735.040m | 750.000 |
| Target Compounds            |              |        |        |           |           |          |         |
| 1) T                        | Dalapon      | 2.711  | 2.709  | 4110.7E6  | 1860.0E6  | 682.500  | 682.500 |
| 2) T                        | 3,5-DICHL... | 6.508  | 6.715  | 3694.2E6  | 1104.7E6  | 697.500  | 697.500 |
| 3) T                        | 4-Nitroph... | 7.148  | 7.301  | 1058.7E6  | 1177.8E6  | 682.500  | 682.500 |
| 5) T                        | DICAMBA      | 7.539  | 7.972  | 10887.5E6 | 4629.4E6  | 705.000  | 705.000 |
| 6) T                        | MCP          | 7.721  | 8.071  | 692.7E6   | 159.8E6   | 70.500   | 70.500  |
| 7) T                        | MCPA         | 7.872  | 8.321  | 834.2E6   | 225.9E6   | 69.750   | 69.750  |
| 8) T                        | DICHLORPROP  | 8.253  | 8.691  | 2465.2E6  | 1056.4E6  | 705.000  | 705.000 |
| 9) T                        | 2,4-D        | 8.486  | 9.027  | 2330.4E6  | 1143.9E6  | 705.000  | 705.000 |
| 10) T                       | Pentachlo... | 8.793  | 9.552  | 38633.6E6 | 27600.8E6 | 712.500  | 712.500 |
| 11) T                       | 2,4,5-TP ... | 9.375  | 9.933  | 14234.3E6 | 10200.5E6 | 712.500  | 712.500 |
| 12) T                       | 2,4,5-T      | 9.668  | 10.359 | 11991.4E6 | 9758.3E6  | 712.500  | 712.500 |
| 13) T                       | 2,4-DB       | 10.247 | 10.927 | 1715.3E6  | 829.1E6   | 712.500  | 712.500 |
| 14) T                       | DINOSEB      | 11.466 | 11.311 | 9809.4E6  | 7563.6E6  | 705.000  | 705.000 |
| 15) T                       | Picloram     | 11.275 | 12.421 | 11657.4E6 | 16873.3E6 | 712.500  | 712.500 |
| 16) T                       | DCPA         | 11.762 | 12.356 | 18560.8E6 | 15913.5E6 | 720.000  | 720.000 |
| -----                       |              |        |        |           |           |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
Data File : PS030741.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2025 12:13  
Operator : AR\AJ  
Sample : HSTDICC750  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

HSTDICC750

## Manual Integrations

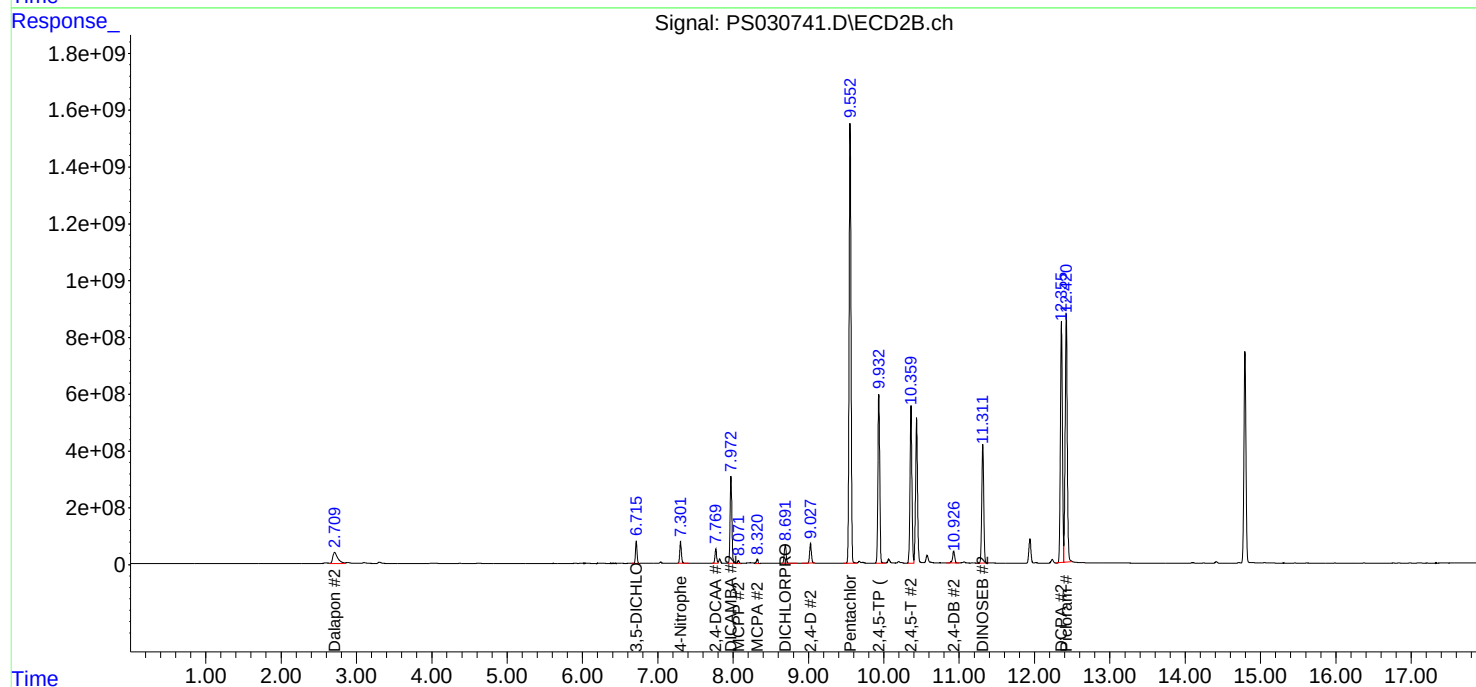
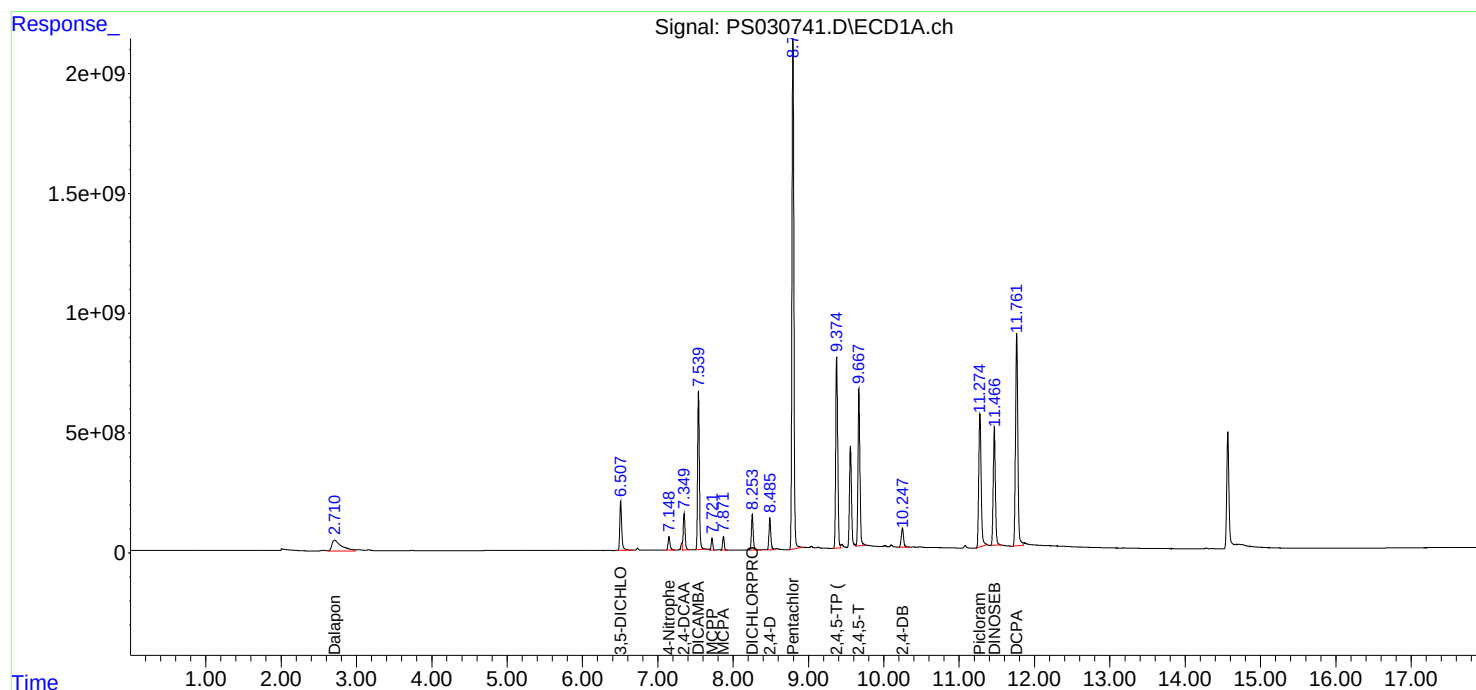
## APPROVED

Reviewed By :Abdul Mirza 06/19/2025

Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 13:28:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Wed Jun 18 13:26:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
 Data File : PS030742.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jun 2025 12:37  
 Operator : AR\AJ  
 Sample : HSTDICC1000  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDICC1000

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/19/2025  
 Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 13:32:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Wed Jun 18 13:31:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml     | ng/ml   |
|-----------------------------|--------|--------|-----------|-----------|-----------|---------|
| -----                       |        |        |           |           |           |         |
| System Monitoring Compounds |        |        |           |           |           |         |
| 4) S 2,4-DCAA               | 7.349  | 7.770  | 3449.9E6  | 993.0E6   | 1007.482m | 978.598 |
| Target Compounds            |        |        |           |           |           |         |
| 1) T Dalapon                | 2.711  | 2.710  | 5150.3E6  | 2361.2E6  | 890.676   | 891.083 |
| 2) T 3,5-DICHL...           | 6.508  | 6.716  | 4617.8E6  | 1397.4E6  | 912.175   | 911.477 |
| 3) T 4-Nitroph...           | 7.149  | 7.302  | 1346.0E6  | 1506.7E6  | 887.706   | 886.926 |
| 5) T DICAMBA                | 7.540  | 7.973  | 13729.6E6 | 5900.9E6  | 922.935   | 921.488 |
| 6) T MCPP                   | 7.723  | 8.073  | 915.4E6   | 207.0E6   | 90.761    | 91.801  |
| 7) T MCPA                   | 7.873  | 8.323  | 1089.6E6  | 295.3E6   | 89.789    | 91.284  |
| 8) T DICHLORPROP            | 8.254  | 8.692  | 3084.8E6  | 1328.0E6  | 916.366   | 923.462 |
| 9) T 2,4-D                  | 8.486  | 9.027  | 2961.7E6  | 1432.3E6  | 916.252   | 915.890 |
| 10) T Pentachlo...          | 8.799  | 9.553  | 44933.5E6 | 34544.9E6 | 970.273   | 964.535 |
| 11) T 2,4,5-TP ...          | 9.375  | 9.933  | 17920.7E6 | 12790.2E6 | 930.890   | 933.380 |
| 12) T 2,4,5-T               | 9.669  | 10.359 | 15378.5E6 | 12286.7E6 | 928.339   | 932.902 |
| 13) T 2,4-DB                | 10.248 | 10.927 | 2257.2E6  | 1053.3E6  | 919.502   | 932.595 |
| 14) T DINOSEB               | 11.468 | 11.313 | 12449.4E6 | 9605.3E6  | 918.844   | 921.811 |
| 15) T Picloram              | 11.275 | 12.421 | 15192.8E6 | 21456.6E6 | 916.121   | 928.345 |
| 16) T DCPA                  | 11.763 | 12.357 | 23325.9E6 | 19939.4E6 | 946.473   | 946.862 |
| -----                       |        |        |           |           |           |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
Data File : PS030742.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2025 12:37  
Operator : AR\AJ  
Sample : HSTDICC1000  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

HSTDICC1000

## Manual Integrations

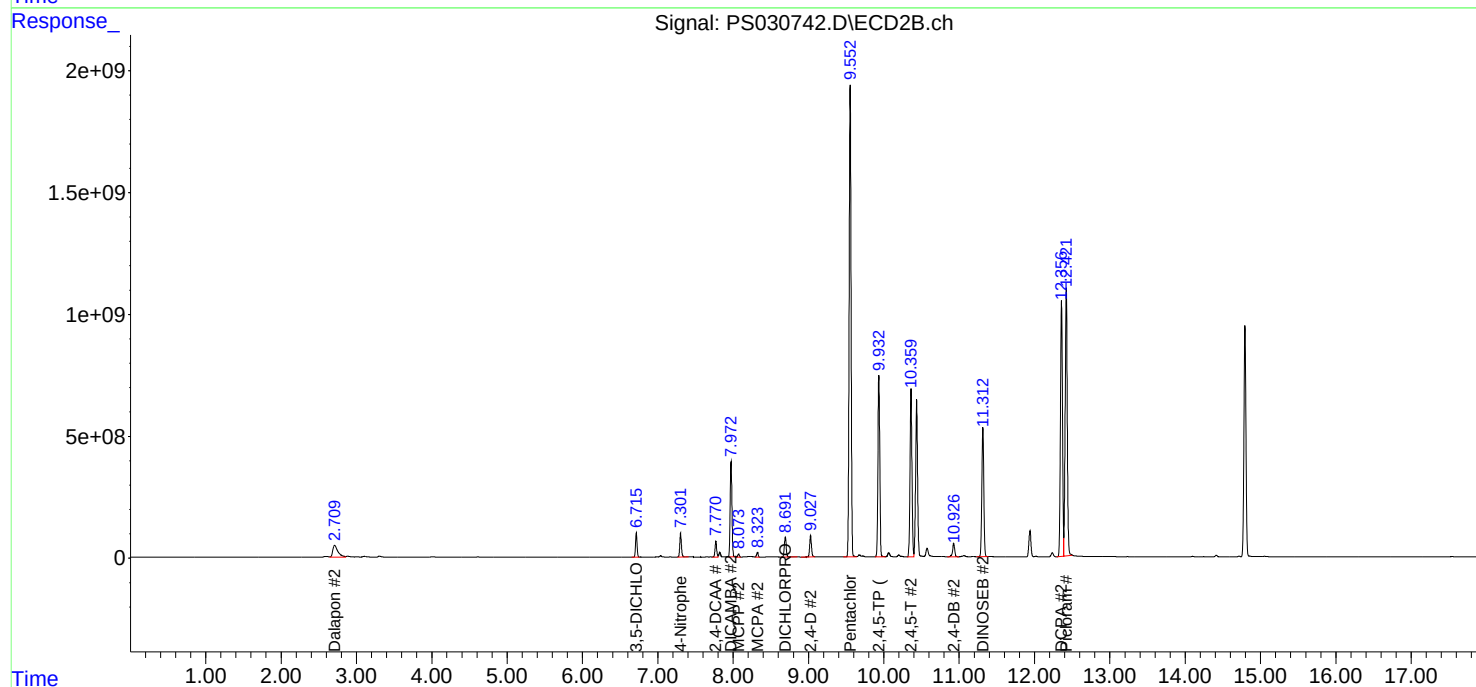
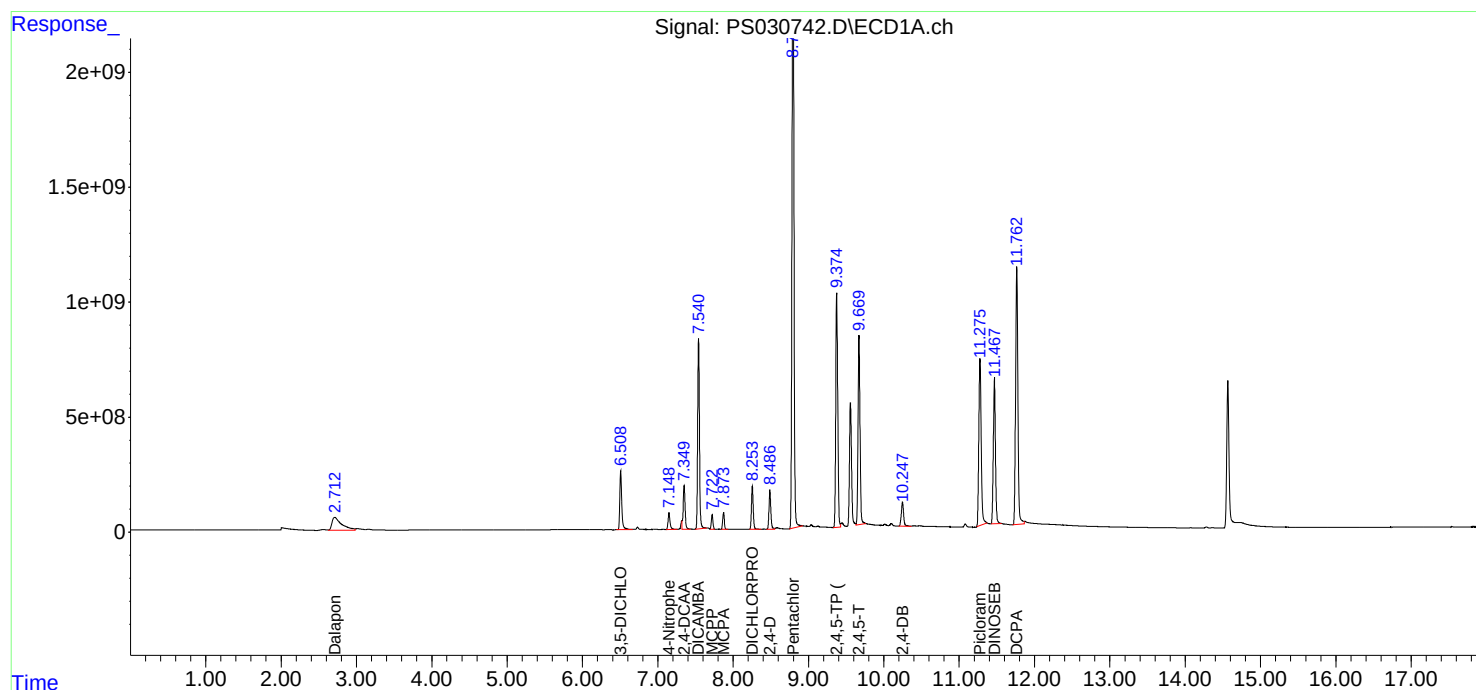
## APPROVED

Reviewed By :Abdul Mirza 06/19/2025

Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 13:32:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Wed Jun 18 13:31:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
 Data File : PS030743.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jun 2025 13:29  
 Operator : AR\AJ  
 Sample : HSTDICC1500  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDICC1500

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/19/2025  
 Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 13:51:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Wed Jun 18 13:50:13 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

System Monitoring Compounds

|      |          |       |       |          |          |           |          |
|------|----------|-------|-------|----------|----------|-----------|----------|
| 4) S | 2,4-DCAA | 7.349 | 7.768 | 4634.2E6 | 1423.1E6 | 1255.782m | 1327.583 |
|------|----------|-------|-------|----------|----------|-----------|----------|

Target Compounds

|       |              |        |        |           |           |           |          |
|-------|--------------|--------|--------|-----------|-----------|-----------|----------|
| 1) T  | Dalapon      | 2.708  | 2.707  | 7057.1E6  | 3212.8E6  | 1238.824  | 1171.806 |
| 2) T  | 3,5-DICHL... | 6.509  | 6.713  | 6482.8E6  | 2001.5E6  | 1205.529  | 1240.719 |
| 3) T  | 4-Nitroph... | 7.149  | 7.299  | 1960.3E6  | 2216.2E6  | 1243.237  | 1278.444 |
| 5) T  | DICAMBA      | 7.540  | 7.971  | 17370.1E6 | 8409.2E6  | 1141.638  | 1283.215 |
| 6) T  | MCPD         | 7.727  | 8.076  | 1357.6E6  | 277.5E6   | 144.610   | 132.298  |
| 7) T  | MCPA         | 7.878  | 8.325  | 1663.5E6  | 431.1E6   | 141.809   | 137.032  |
| 8) T  | DICHLORPROP  | 8.254  | 8.690  | 5064.4E6  | 2161.7E6  | 1352.041  | 1374.694 |
| 9) T  | 2,4-D        | 8.487  | 9.026  | 4934.4E6  | 2416.0E6  | 1432.593  | 1421.668 |
| 10) T | Pentachlo... | 8.783  | 9.553  | 61297.3E6 | 45248.4E6 | 1166.760m | 1186.933 |
| 11) T | 2,4,5-TP ... | 9.377  | 9.932  | 26551.1E6 | 18758.2E6 | 1325.538  | 1300.061 |
| 12) T | 2,4,5-T      | 9.670  | 10.358 | 21818.2E6 | 17137.2E6 | 1326.082  | 1254.129 |
| 13) T | 2,4-DB       | 10.250 | 10.925 | 2621.2E6  | 1524.0E6  | 1142.883  | 1288.354 |
| 14) T | DINOSEB      | 11.468 | 11.311 | 18321.9E6 | 14096.3E6 | 1320.671  | 1307.487 |
| 15) T | Picloram     | 11.276 | 12.419 | 23276.8E6 | 31814.5E6 | 1447.914  | 1368.873 |
| 16) T | DCPA         | 11.765 | 12.356 | 32738.8E6 | 27988.3E6 | 1278.048  | 1269.724 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
Data File : PS030743.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2025 13:29  
Operator : AR\AJ  
Sample : HSTDICC1500  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

HSTDICC1500

## Manual Integrations

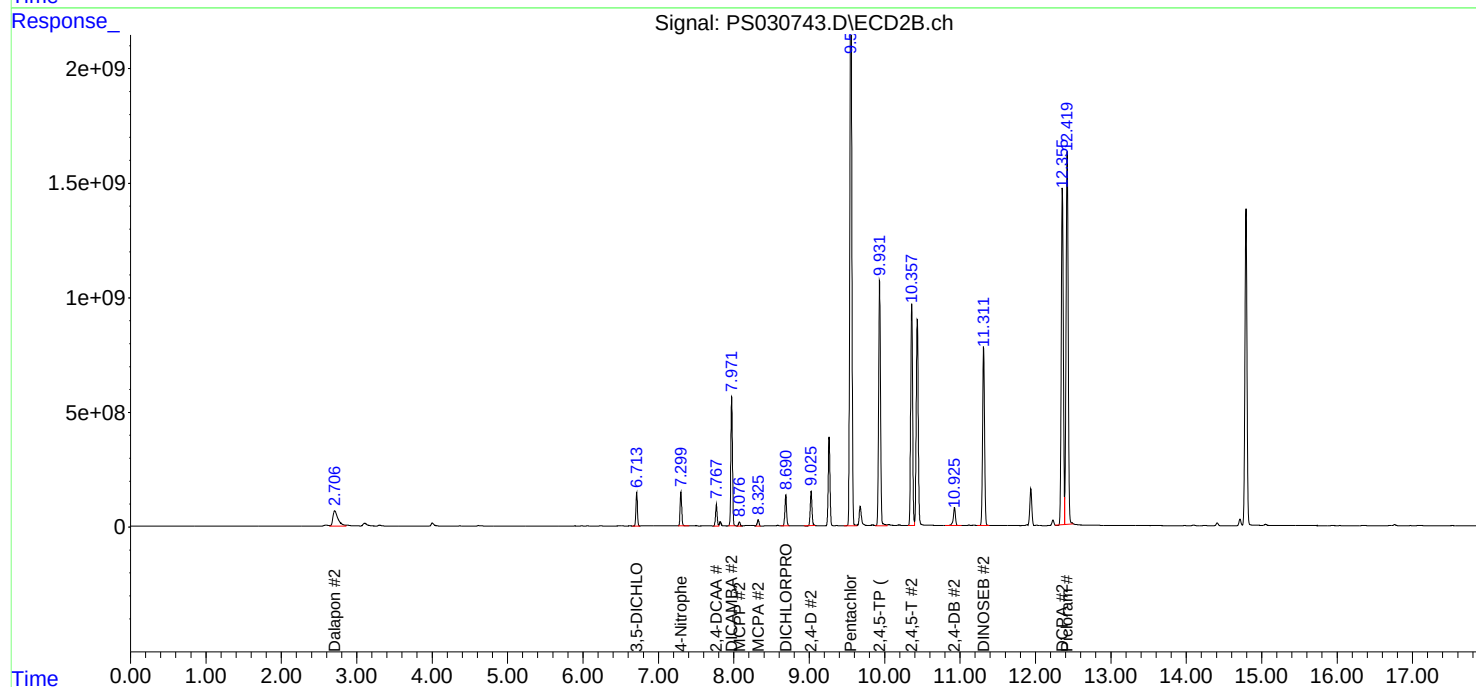
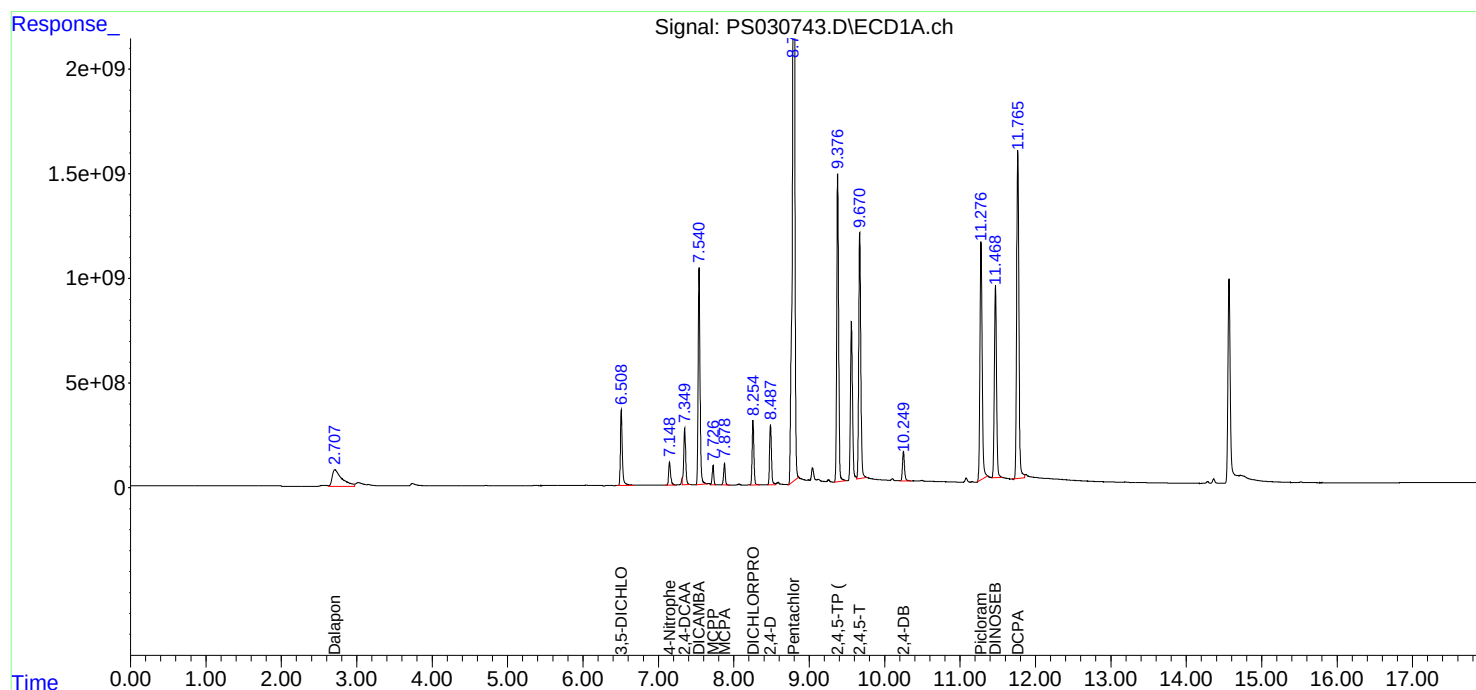
## APPROVED

Reviewed By :Abdul Mirza 06/19/2025

Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 13:51:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Wed Jun 18 13:50:13 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
 Data File : PS030744.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jun 2025 14:18  
 Operator : AR\AJ  
 Sample : HSTDICV750  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

**Instrument :**

ECD\_S

**ClientSampleId :**

ICVPS061825

**Manual Integrations****APPROVED**

Reviewed By :Abdul Mirza 06/19/2025

Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 19 05:14:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml   |
|-----------------------------|--------------|--------|--------|-----------|-----------|----------|---------|
| -----                       |              |        |        |           |           |          |         |
| System Monitoring Compounds |              |        |        |           |           |          |         |
| 4) S                        | 2,4-DCAA     | 7.348  | 7.770  | 2655.3E6  | 781.4E6   | 722.658m | 728.902 |
| Target Compounds            |              |        |        |           |           |          |         |
| 1) T                        | Dalapon      | 2.710  | 2.710  | 4056.7E6  | 1841.2E6  | 680.013  | 671.536 |
| 2) T                        | 3,5-DICHL... | 6.508  | 6.715  | 3653.0E6  | 1096.7E6  | 679.304  | 679.863 |
| 3) T                        | 4-Nitroph... | 7.149  | 7.302  | 1067.2E6  | 1168.5E6  | 676.796  | 674.057 |
| 5) T                        | DICAMBA      | 7.539  | 7.972  | 10807.3E6 | 4588.7E6  | 710.304  | 700.216 |
| 6) T                        | MCPD         | 7.721  | 8.072  | 688.5E6   | 156.4E6   | 73.332   | 74.580  |
| 7) T                        | MCPA         | 7.871  | 8.321  | 828.7E6   | 223.9E6   | 70.648   | 71.187  |
| 8) T                        | DICHLORPROP  | 8.253  | 8.691  | 2460.1E6  | 1042.7E6  | 656.766  | 663.094 |
| 9) T                        | 2,4-D        | 8.486  | 9.027  | 2352.8E6  | 1124.1E6  | 683.086  | 661.445 |
| 10) T                       | Pentachlo... | 8.794  | 9.552  | 38388.3E6 | 27302.7E6 | 725.329  | 716.192 |
| 11) T                       | 2,4,5-TP ... | 9.375  | 9.934  | 14291.4E6 | 10089.0E6 | 713.485  | 699.233 |
| 12) T                       | 2,4,5-T      | 9.669  | 10.359 | 12186.1E6 | 9656.1E6  | 740.654  | 706.651 |
| 13) T                       | 2,4-DB       | 10.248 | 10.927 | 1788.9E6  | 824.5E6   | 779.995  | 697.026 |
| 14) T                       | DINOSEB      | 11.467 | 11.312 | 9884.9E6  | 7472.6E6  | 712.518  | 693.112 |
| 15) T                       | Picloram     | 11.276 | 12.421 | 11908.4E6 | 16569.9E6 | 740.750  | 712.948 |
| 16) T                       | DCPA         | 11.763 | 12.357 | 18641.3E6 | 15691.5E6 | 727.713  | 711.865 |
| -----                       |              |        |        |           |           |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
Data File : PS030744.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2025 14:18  
Operator : AR\AJ  
Sample : HSTDICV750  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

ICVPS061825

## Manual Integrations

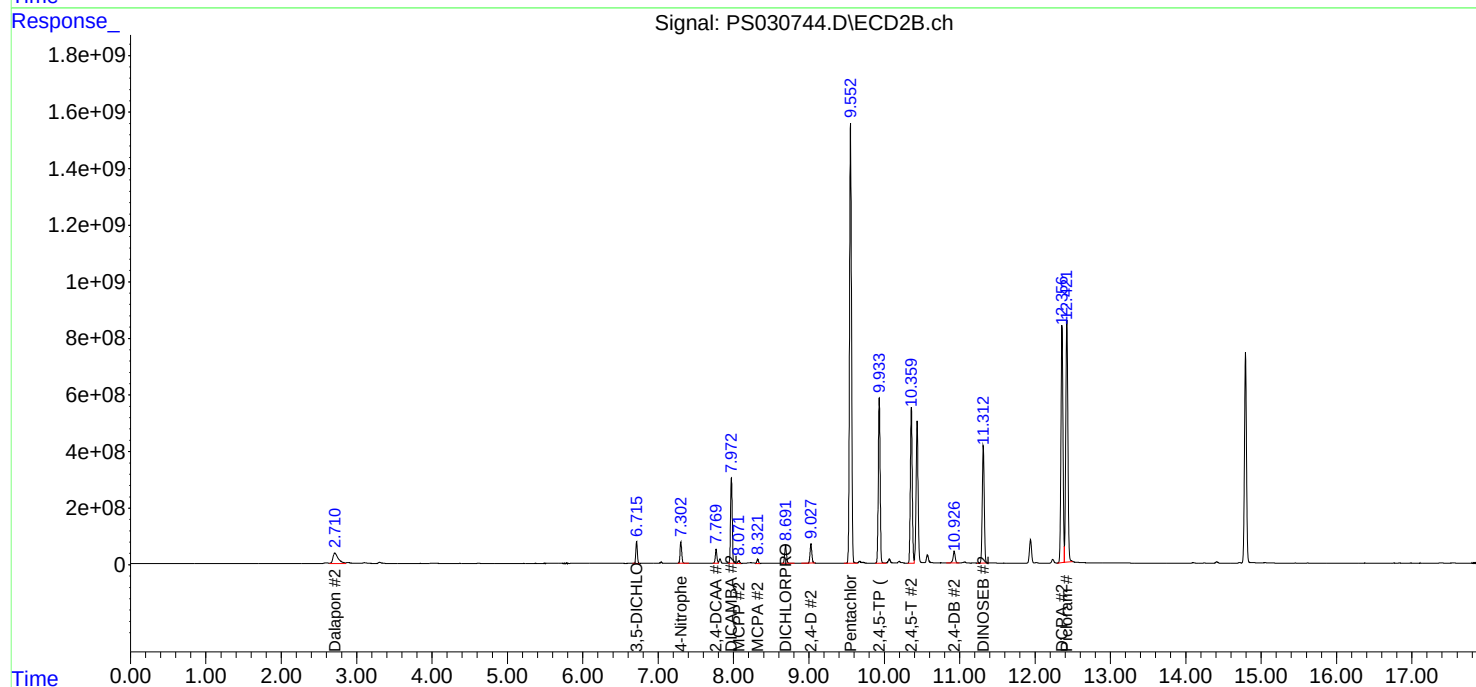
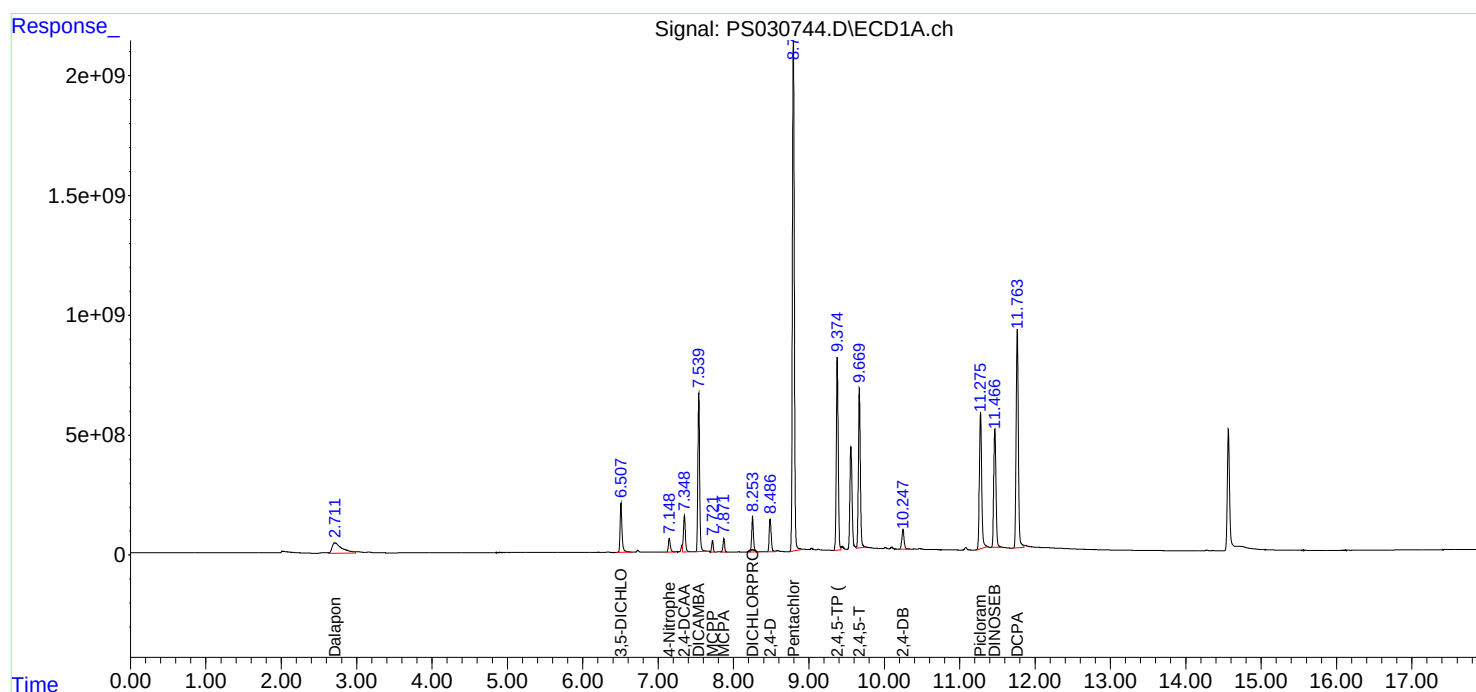
## APPROVED

Reviewed By :Abdul Mirza 06/19/2025

Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 19 05:14:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/07/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 21:36

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.53       | 7.54      | 7.44                   | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25                   | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15                   | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39                   | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28                   | 9.48  | 0.02       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57                   | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15                  | 10.35 | 0.02       |
| Dinoseb          | 11.44      | 11.47     | 11.37                  | 11.57 | 0.03       |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/07/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 21:36

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.00       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.02       | 9.03      | 8.93                   | 9.13  | 0.01       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.36      | 10.36     | 10.26                  | 10.46 | 0.01       |
| 2,4-DB           | 10.92      | 10.93     | 10.83                  | 11.03 | 0.01       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |



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

**CALIBRATION VERIFICATION SUMMARY**

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 07/07/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030932.D **Time Analyzed:** 21:36

| COMPOUND         | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|----------------------|--------|--------------------|-------------------|------|
| 2,4,5-T          | 9.652  | 9.568                | 9.768  | 762.650            | 712.500           | 7.0  |
| 2,4,5-TP(Silvex) | 9.358  | 9.275                | 9.475  | 709.800            | 712.500           | -0.4 |
| 2,4-D            | 8.471  | 8.386                | 8.586  | 683.020            | 705.000           | -3.1 |
| 2,4-DB           | 10.229 | 10.147               | 10.347 | 797.070            | 712.500           | 11.9 |
| 2,4-DCAA         | 7.336  | 7.249                | 7.449  | 697.140            | 750.000           | -7.0 |
| DICAMBA          | 7.526  | 7.439                | 7.639  | 684.890            | 705.000           | -2.9 |
| DICHLORPROP      | 8.239  | 8.153                | 8.353  | 641.940            | 705.000           | -8.9 |
| Dinoseb          | 11.444 | 11.366               | 11.566 | 693.310            | 705.000           | -1.7 |



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

**CALIBRATION VERIFICATION SUMMARY**

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 07/07/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030932.D **Time Analyzed:** 21:36

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 10.355 | 10.259    | 10.459 | 688.820            | 712.500           | -3.3 |
| 2,4,5-TP(Silvex) | 9.928  | 9.833     | 10.033 | 680.850            | 712.500           | -4.4 |
| 2,4-D            | 9.024  | 8.927     | 9.127  | 639.250            | 705.000           | -9.3 |
| 2,4-DB           | 10.922 | 10.827    | 11.027 | 673.080            | 712.500           | -5.5 |
| 2,4-DCAA         | 7.766  | 7.670     | 7.870  | 694.830            | 750.000           | -7.4 |
| DICAMBA          | 7.969  | 7.872     | 8.072  | 671.350            | 705.000           | -4.8 |
| DICHLORPROP      | 8.688  | 8.591     | 8.791  | 636.650            | 705.000           | -9.7 |
| Dinoseb          | 11.307 | 11.211    | 11.411 | 651.850            | 705.000           | -7.5 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
 Data File : PS030932.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 21:36  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

HSTDCCC750

## Manual Integrations

## APPROVED

Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 01:52:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml    |
|-----------------------------|--------------|--------|--------|-----------|-----------|----------|----------|
| -----                       |              |        |        |           |           |          |          |
| System Monitoring Compounds |              |        |        |           |           |          |          |
| 4) S                        | 2,4-DCAA     | 7.336  | 7.766  | 2561.6E6  | 744.8E6   | 697.138m | 694.831  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.701  | 2.711  | 3741.8E6  | 1735.2E6  | 627.220  | 632.868  |
| 2) T                        | 3,5-DICHL... | 6.498  | 6.713  | 3542.9E6  | 1033.9E6  | 658.837  | 640.924  |
| 3) T                        | 4-Nitroph... | 7.137  | 7.299  | 1052.0E6  | 1104.7E6  | 667.173  | 637.243  |
| 5) T                        | DICAMBA      | 7.526  | 7.969  | 10420.6E6 | 4399.5E6  | 684.888m | 671.351  |
| 6) T                        | MCPD         | 7.707  | 8.067  | 685.4E6   | 150.8E6   | 73.010m  | 71.923   |
| 7) T                        | MCPA         | 7.858  | 8.316  | 805.0E6   | 219.1E6   | 68.628   | 69.665   |
| 8) T                        | DICHLORPROP  | 8.239  | 8.688  | 2404.5E6  | 1001.1E6  | 641.938  | 636.654  |
| 9) T                        | 2,4-D        | 8.471  | 9.024  | 2352.6E6  | 1086.3E6  | 683.024  | 639.245  |
| 10) T                       | Pentachlo... | 8.778  | 9.548  | 37244.9E6 | 26532.9E6 | 703.724  | 695.999  |
| 11) T                       | 2,4,5-TP ... | 9.358  | 9.928  | 14217.7E6 | 9823.8E6  | 709.804  | 680.852  |
| 12) T                       | 2,4,5-T      | 9.652  | 10.355 | 12548.0E6 | 9412.5E6  | 762.650  | 688.820  |
| 13) T                       | 2,4-DB       | 10.229 | 10.922 | 1828.1E6  | 796.2E6   | 797.065m | 673.077  |
| 14) T                       | DINOSEB      | 11.444 | 11.307 | 9618.4E6  | 7027.7E6  | 693.306m | 651.847  |
| 15) T                       | Picloram     | 11.256 | 12.416 | 12700.0E6 | 16366.4E6 | 789.993m | 704.193  |
| 16) T                       | DCPA         | 11.742 | 12.351 | 18834.7E6 | 15475.7E6 | 735.263  | 702.074m |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030932.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 21:36  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

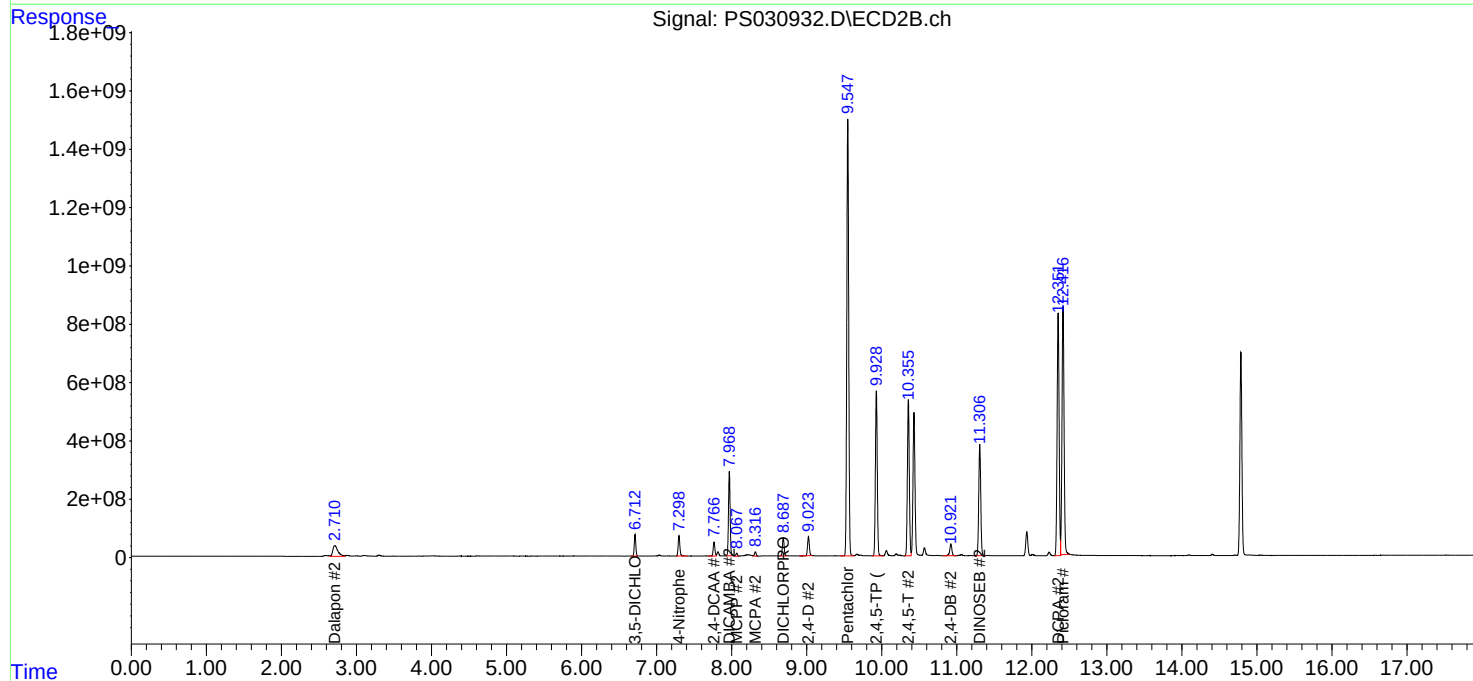
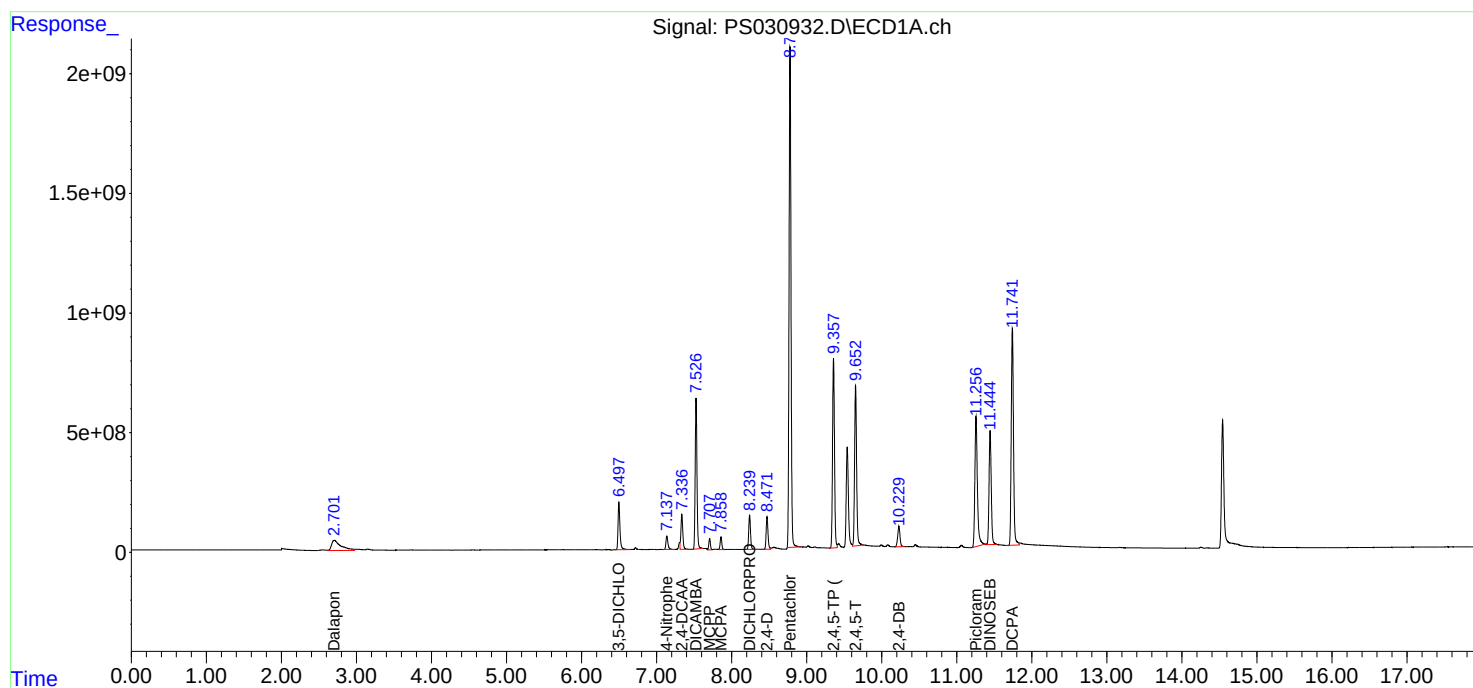
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/08/2025  
Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 01:52:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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







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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/08/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 01:38

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.53       | 7.54      | 7.44                   | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25                   | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15                   | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39                   | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28                   | 9.48  | 0.02       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57                   | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15                  | 10.35 | 0.02       |
| Dinoseb          | 11.44      | 11.47     | 11.37                  | 11.57 | 0.03       |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/08/2025

Initial Calibration Date(s): 06/18/2025 06/18/2025

Continuing Calib Time: 01:38

Initial Calibration Time(s): 11:25 13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.00       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.02       | 9.03      | 8.93                   | 9.13  | 0.01       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.35      | 10.36     | 10.26                  | 10.46 | 0.01       |
| 2,4-DB           | 10.92      | 10.93     | 10.83                  | 11.03 | 0.01       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |



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

**CALIBRATION VERIFICATION SUMMARY**

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 07/08/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030941.D **Time Analyzed:** 01:38

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 9.651  | 9.568     | 9.768  | 776.510            | 712.500           | 9.0  |
| 2,4,5-TP(Silvex) | 9.357  | 9.275     | 9.475  | 716.040            | 712.500           | 0.5  |
| 2,4-D            | 8.470  | 8.386     | 8.586  | 695.710            | 705.000           | -1.3 |
| 2,4-DB           | 10.227 | 10.147    | 10.347 | 806.190            | 712.500           | 13.1 |
| 2,4-DCAA         | 7.336  | 7.249     | 7.449  | 703.920            | 750.000           | -6.1 |
| DICAMBA          | 7.526  | 7.439     | 7.639  | 686.270            | 705.000           | -2.7 |
| DICHLORPROP      | 8.238  | 8.153     | 8.353  | 648.310            | 705.000           | -8.0 |
| Dinoseb          | 11.444 | 11.366    | 11.566 | 685.440            | 705.000           | -2.8 |



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

**CALIBRATION VERIFICATION SUMMARY**

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 07/08/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030941.D **Time Analyzed:** 01:38

| COMPOUND         | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|----------------------|--------|--------------------|-------------------|------|
| 2,4,5-T          | 10.354 | 10.259               | 10.459 | 691.170            | 712.500           | -3.0 |
| 2,4,5-TP(Silvex) | 9.928  | 9.833                | 10.033 | 682.700            | 712.500           | -4.2 |
| 2,4-D            | 9.023  | 8.927                | 9.127  | 645.590            | 705.000           | -8.4 |
| 2,4-DB           | 10.922 | 10.827               | 11.027 | 665.750            | 712.500           | -6.6 |
| 2,4-DCAA         | 7.766  | 7.670                | 7.870  | 692.550            | 750.000           | -7.7 |
| DICAMBA          | 7.969  | 7.872                | 8.072  | 673.190            | 705.000           | -4.5 |
| DICHLORPROP      | 8.688  | 8.591                | 8.791  | 637.580            | 705.000           | -9.6 |
| Dinoseb          | 11.306 | 11.211               | 11.411 | 636.320            | 705.000           | -9.7 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
 Data File : PS030941.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2025 01:38  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

HSTDCCC750

## Manual Integrations

## APPROVED

Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 02:39:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml    |
|-----------------------------|--------------|--------|--------|-----------|-----------|----------|----------|
| -----                       |              |        |        |           |           |          |          |
| System Monitoring Compounds |              |        |        |           |           |          |          |
| 4) S                        | 2,4-DCAA     | 7.336  | 7.766  | 2586.5E6  | 742.4E6   | 703.919m | 692.551  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.703  | 2.710  | 3733.5E6  | 1723.7E6  | 625.831  | 628.682  |
| 2) T                        | 3,5-DICHL... | 6.497  | 6.713  | 3560.6E6  | 1037.8E6  | 662.130  | 643.316  |
| 3) T                        | 4-Nitroph... | 7.135  | 7.299  | 1038.8E6  | 1077.8E6  | 658.838  | 621.712  |
| 5) T                        | DICAMBA      | 7.526  | 7.969  | 10441.6E6 | 4411.6E6  | 686.269m | 673.190  |
| 6) T                        | MCPD         | 7.707  | 8.067  | 683.3E6   | 146.5E6   | 72.777m  | 69.847   |
| 7) T                        | MCPA         | 7.857  | 8.316  | 811.6E6   | 215.6E6   | 69.186   | 68.524   |
| 8) T                        | DICHLORPROP  | 8.238  | 8.688  | 2428.4E6  | 1002.6E6  | 648.305  | 637.584  |
| 9) T                        | 2,4-D        | 8.470  | 9.023  | 2396.3E6  | 1097.1E6  | 695.710  | 645.587  |
| 10) T                       | Pentachlo... | 8.777  | 9.547  | 37370.8E6 | 26561.7E6 | 706.104  | 696.753  |
| 11) T                       | 2,4,5-TP ... | 9.357  | 9.928  | 14342.6E6 | 9850.5E6  | 716.039  | 682.701  |
| 12) T                       | 2,4,5-T      | 9.651  | 10.354 | 12776.0E6 | 9444.6E6  | 776.510  | 691.175  |
| 13) T                       | 2,4-DB       | 10.227 | 10.922 | 1849.0E6  | 787.5E6   | 806.192m | 665.750  |
| 14) T                       | DINOSEB      | 11.444 | 11.306 | 9509.3E6  | 6860.3E6  | 685.444m | 636.316  |
| 15) T                       | Picloram     | 11.255 | 12.415 | 13080.0E6 | 16341.1E6 | 813.628m | 703.104  |
| 16) T                       | DCPA         | 11.740 | 12.350 | 18928.6E6 | 15437.5E6 | 738.928  | 700.342m |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030941.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 01:38  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

HSTDCCC750

## Manual Integrations

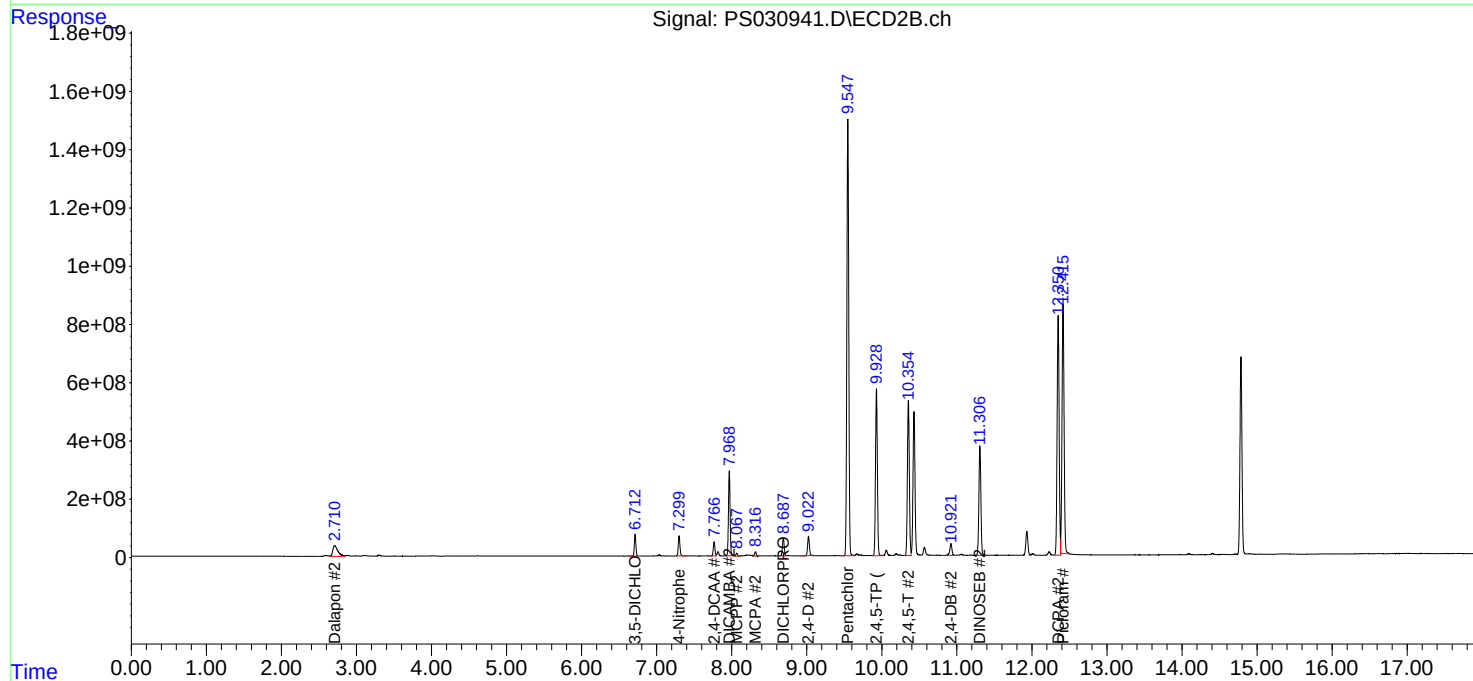
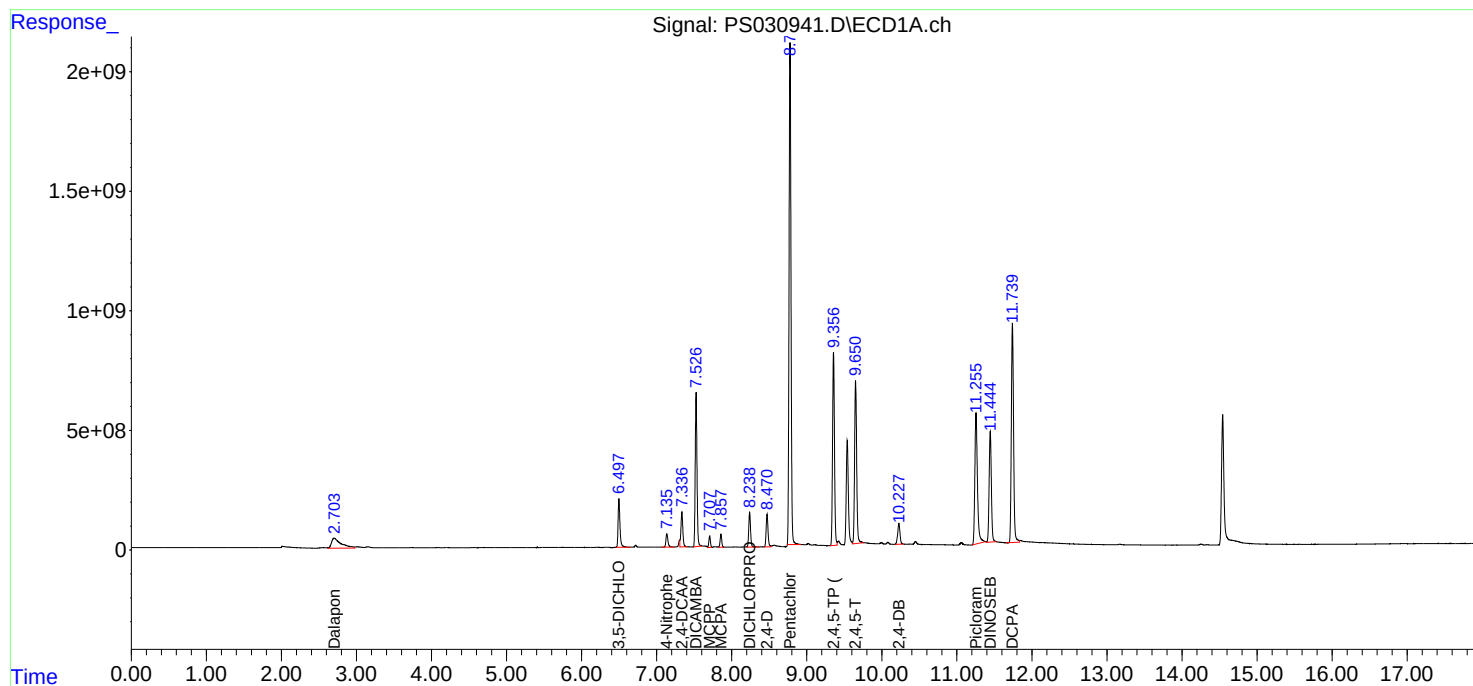
## APPROVED

Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:39:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/08/2025

Initial Calibration Date(s): 06/18/2025 06/18/2025

Continuing Calib Time: 09:27

Initial Calibration Time(s): 11:25 13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.53       | 7.54      | 7.44                   | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25                   | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15                   | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39                   | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28                   | 9.48  | 0.02       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57                   | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15                  | 10.35 | 0.02       |
| Dinoseb          | 11.44      | 11.47     | 11.37                  | 11.57 | 0.03       |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/08/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 09:27

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.01       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.02       | 9.03      | 8.93                   | 9.13  | 0.01       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.35      | 10.36     | 10.26                  | 10.46 | 0.01       |
| 2,4-DB           | 10.92      | 10.93     | 10.83                  | 11.03 | 0.01       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |





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

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 07/08/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030944.D **Time Analyzed:** 09:27

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 9.651  | 9.568     | 9.768  | 770.730            | 712.500           | 8.2  |
| 2,4,5-TP(Silvex) | 9.357  | 9.275     | 9.475  | 720.850            | 712.500           | 1.2  |
| 2,4-D            | 8.470  | 8.386     | 8.586  | 697.260            | 705.000           | -1.1 |
| 2,4-DB           | 10.227 | 10.147    | 10.347 | 791.680            | 712.500           | 11.1 |
| 2,4-DCAA         | 7.336  | 7.249     | 7.449  | 733.720            | 750.000           | -2.2 |
| DICAMBA          | 7.525  | 7.439     | 7.639  | 690.450            | 705.000           | -2.1 |
| DICHLORPROP      | 8.238  | 8.153     | 8.353  | 650.710            | 705.000           | -7.7 |
| Dinoseb          | 11.444 | 11.366    | 11.566 | 691.050            | 705.000           | -2.0 |



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

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 07/08/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030944.D **Time Analyzed:** 09:27

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 10.353 | 10.259    | 10.459 | 690.590            | 712.500           | -3.1 |
| 2,4,5-TP(Silvex) | 9.927  | 9.833     | 10.033 | 686.060            | 712.500           | -3.7 |
| 2,4-D            | 9.022  | 8.927     | 9.127  | 643.990            | 705.000           | -8.7 |
| 2,4-DB           | 10.921 | 10.827    | 11.027 | 675.660            | 712.500           | -5.2 |
| 2,4-DCAA         | 7.765  | 7.670     | 7.870  | 691.710            | 750.000           | -7.8 |
| DICAMBA          | 7.967  | 7.872     | 8.072  | 676.030            | 705.000           | -4.1 |
| DICHLORPROP      | 8.686  | 8.591     | 8.791  | 652.190            | 705.000           | -7.5 |
| Dinoseb          | 11.305 | 11.211    | 11.411 | 642.510            | 705.000           | -8.9 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
 Data File : PS030944.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2025 09:27  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 12:03:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml   |
|-----------------------------|--------------|--------|--------|-----------|-----------|----------|---------|
| -----                       |              |        |        |           |           |          |         |
| System Monitoring Compounds |              |        |        |           |           |          |         |
| 4) S                        | 2,4-DCAA     | 7.336  | 7.765  | 2696.0E6  | 741.5E6   | 733.718m | 691.709 |
| Target Compounds            |              |        |        |           |           |          |         |
| 1) T                        | Dalapon      | 2.709  | 2.710  | 3768.9E6  | 1728.4E6  | 631.761  | 630.385 |
| 2) T                        | 3,5-DICHL... | 6.498  | 6.712  | 3626.1E6  | 1036.1E6  | 674.297  | 642.292 |
| 3) T                        | 4-Nitroph... | 7.136  | 7.298  | 1038.6E6  | 1087.7E6  | 658.711  | 627.454 |
| 5) T                        | DICAMBA      | 7.525  | 7.967  | 10505.2E6 | 4430.2E6  | 690.445m | 676.033 |
| 6) T                        | MCPD         | 7.707  | 8.066  | 665.5E6   | 149.5E6   | 70.881m  | 71.298  |
| 7) T                        | MCPA         | 7.857  | 8.315  | 812.6E6   | 221.5E6   | 69.276   | 70.398  |
| 8) T                        | DICHLORPROP  | 8.238  | 8.686  | 2437.4E6  | 1025.6E6  | 650.707  | 652.190 |
| 9) T                        | 2,4-D        | 8.470  | 9.022  | 2401.7E6  | 1094.4E6  | 697.260  | 643.986 |
| 10) T                       | Pentachlo... | 8.777  | 9.547  | 37799.3E6 | 26699.0E6 | 714.199  | 700.355 |
| 11) T                       | 2,4,5-TP ... | 9.357  | 9.927  | 14438.9E6 | 9898.9E6  | 720.847  | 686.056 |
| 12) T                       | 2,4,5-T      | 9.651  | 10.353 | 12681.0E6 | 9436.6E6  | 770.734  | 690.588 |
| 13) T                       | 2,4-DB       | 10.227 | 10.921 | 1815.7E6  | 799.2E6   | 791.678m | 675.658 |
| 14) T                       | DINOSEB      | 11.444 | 11.305 | 9587.0E6  | 6927.0E6  | 691.049m | 642.507 |
| 15) T                       | Picloram     | 11.255 | 12.415 | 12455.6E6 | 16193.1E6 | 774.786m | 696.736 |
| 16) T                       | DCPA         | 11.741 | 12.349 | 19168.6E6 | 15448.4E6 | 748.296  | 700.837 |
| -----                       |              |        |        |           |           |          |         |

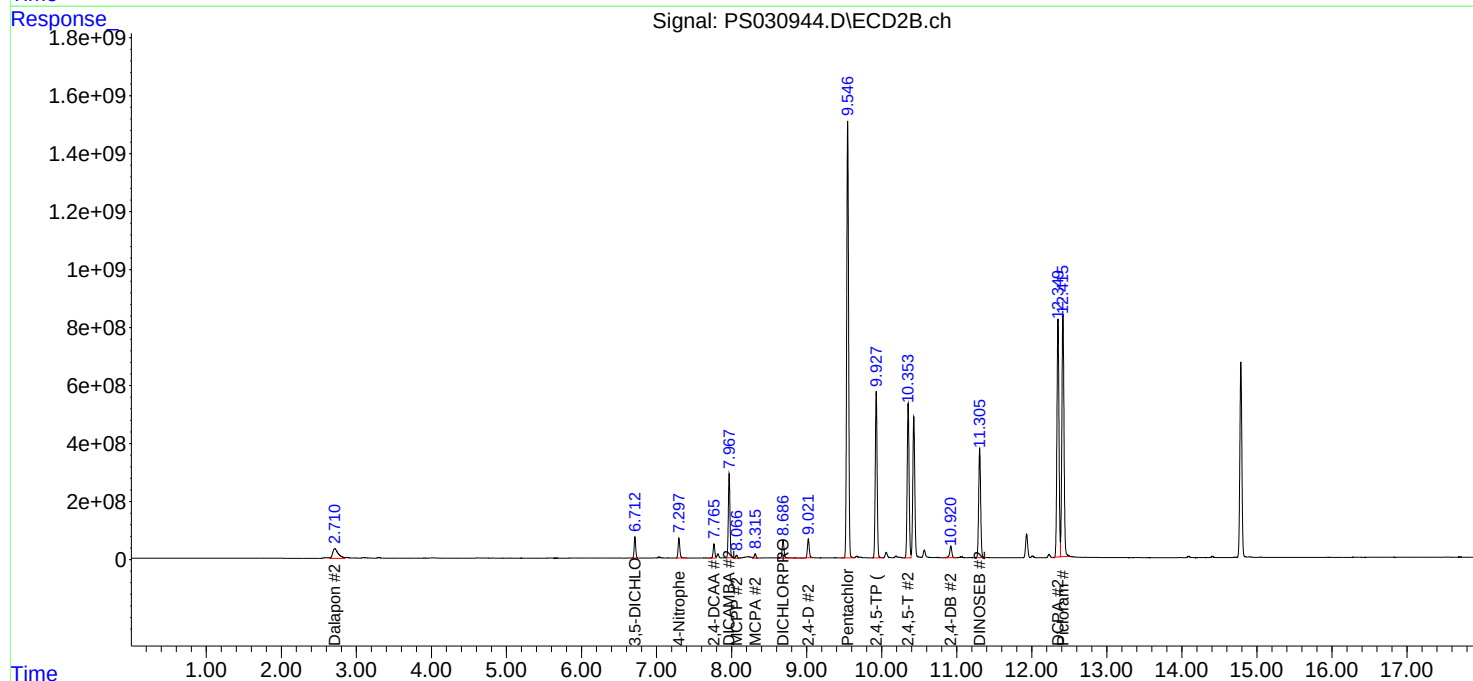
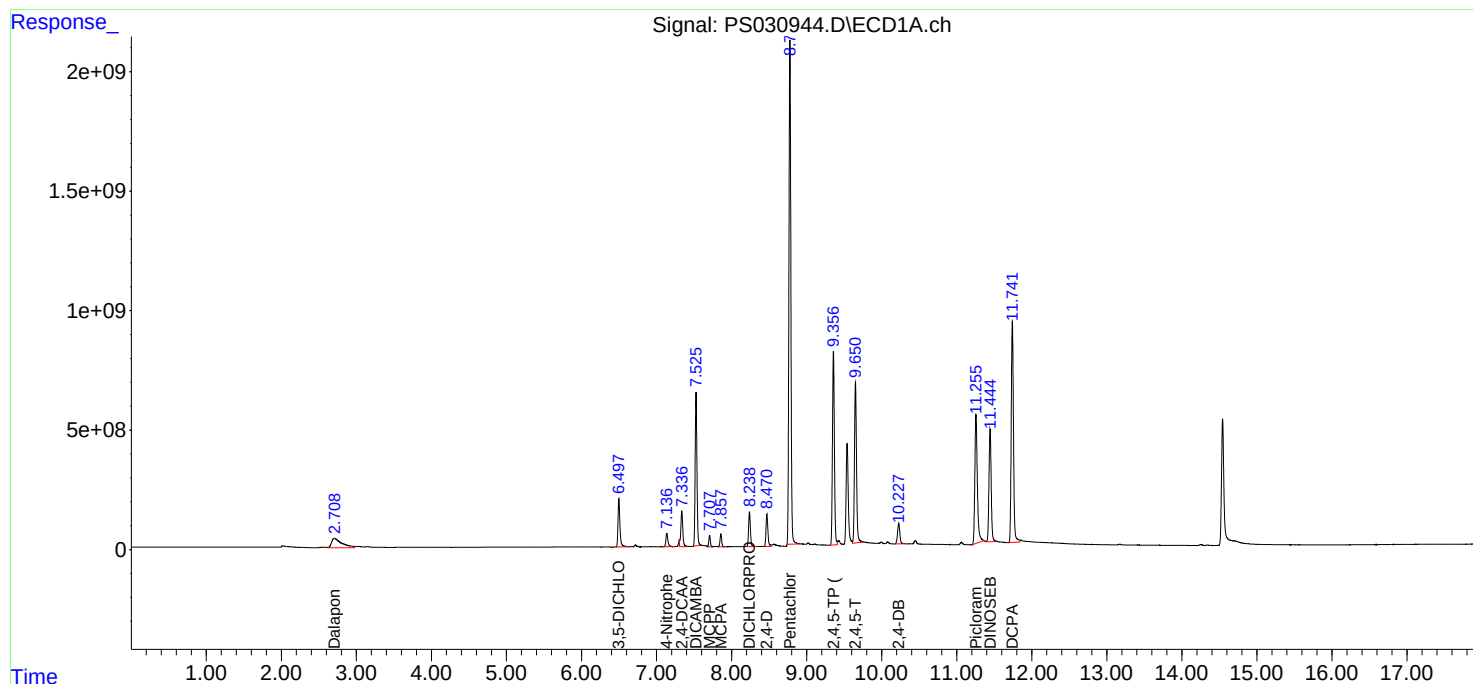
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
Data File : PS030944.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 09:27  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 12:03:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/08/2025

Initial Calibration Date(s): 06/18/2025 06/18/2025

Continuing Calib Time: 16:05

Initial Calibration Time(s): 11:25 13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.53       | 7.54      | 7.44                   | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25                   | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15                   | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39                   | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28                   | 9.48  | 0.02       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57                   | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15                  | 10.35 | 0.02       |
| Dinoseb          | 11.45      | 11.47     | 11.37                  | 11.57 | 0.02       |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/08/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 16:05

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.00       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.03       | 9.03      | 8.93                   | 9.13  | 0.00       |
| 2,4,5-TP(Silvex) | 9.94       | 9.93      | 9.83                   | 10.03 | -0.01      |
| 2,4,5-T          | 10.36      | 10.36     | 10.26                  | 10.46 | 0.00       |
| 2,4-DB           | 10.93      | 10.93     | 10.83                  | 11.03 | 0.00       |
| Dinoseb          | 11.32      | 11.31     | 11.21                  | 11.41 | 0.00       |



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

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 07/08/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030956.D **Time Analyzed:** 16:05

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 9.654  | 9.568     | 9.768  | 763.100            | 712.500           | 7.1  |
| 2,4,5-TP(Silvex) | 9.359  | 9.275     | 9.475  | 711.640            | 712.500           | -0.1 |
| 2,4-D            | 8.473  | 8.386     | 8.586  | 693.790            | 705.000           | -1.6 |
| 2,4-DB           | 10.231 | 10.147    | 10.347 | 786.470            | 712.500           | 10.4 |
| 2,4-DCAA         | 7.338  | 7.249     | 7.449  | 797.680            | 750.000           | 6.4  |
| DICAMBA          | 7.527  | 7.439     | 7.639  | 688.250            | 705.000           | -2.4 |
| DICHLORPROP      | 8.241  | 8.153     | 8.353  | 643.890            | 705.000           | -8.7 |
| Dinoseb          | 11.449 | 11.366    | 11.566 | 696.870            | 705.000           | -1.2 |



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

**CALIBRATION VERIFICATION SUMMARY**

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 07/08/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030956.D **Time Analyzed:** 16:05

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 10.361 | 10.259    | 10.459 | 683.490            | 712.500           | -4.1 |
| 2,4,5-TP(Silvex) | 9.935  | 9.833     | 10.033 | 676.910            | 712.500           | -5.0 |
| 2,4-D            | 9.028  | 8.927     | 9.127  | 670.510            | 705.000           | -4.9 |
| 2,4-DB           | 10.929 | 10.827    | 11.027 | 668.780            | 712.500           | -6.1 |
| 2,4-DCAA         | 7.770  | 7.670     | 7.870  | 683.440            | 750.000           | -8.9 |
| DICAMBA          | 7.973  | 7.872     | 8.072  | 663.860            | 705.000           | -5.8 |
| DICHLORPROP      | 8.693  | 8.591     | 8.791  | 640.710            | 705.000           | -9.1 |
| Dinoseb          | 11.315 | 11.211    | 11.411 | 644.320            | 705.000           | -8.6 |



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
 Data File : PS030956.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2025 16:05  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 09 01:38:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml    |
|-----------------------------|--------------|--------|--------|-----------|-----------|----------|----------|
| -----                       |              |        |        |           |           |          |          |
| System Monitoring Compounds |              |        |        |           |           |          |          |
| 4) S                        | 2,4-DCAA     | 7.338  | 7.770  | 2931.0E6  | 732.6E6   | 797.678  | 683.439  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.706  | 2.712  | 3711.6E6  | 1688.5E6  | 622.159  | 615.832  |
| 2) T                        | 3,5-DICHL... | 6.499  | 6.716  | 3585.3E6  | 1019.0E6  | 666.720  | 631.674  |
| 3) T                        | 4-Nitroph... | 7.138  | 7.302  | 1042.8E6  | 1090.7E6  | 661.361  | 629.154  |
| 5) T                        | DICAMBA      | 7.527  | 7.973  | 10471.8E6 | 4350.4E6  | 688.254m | 663.858  |
| 6) T                        | MCPD         | 7.708  | 8.072  | 695.4E6   | 147.5E6   | 74.068m  | 70.340   |
| 7) T                        | MCPA         | 7.859  | 8.321  | 804.2E6   | 215.5E6   | 68.555   | 68.508   |
| 8) T                        | DICHLORPROP  | 8.241  | 8.693  | 2411.9E6  | 1007.5E6  | 643.892  | 640.706  |
| 9) T                        | 2,4-D        | 8.473  | 9.028  | 2389.7E6  | 1139.5E6  | 693.791  | 670.511m |
| 10) T                       | Pentachlo... | 8.780  | 9.553  | 37321.0E6 | 26385.6E6 | 705.161  | 692.133  |
| 11) T                       | 2,4,5-TP ... | 9.359  | 9.935  | 14254.5E6 | 9767.0E6  | 711.645  | 676.912  |
| 12) T                       | 2,4,5-T      | 9.654  | 10.361 | 12555.4E6 | 9339.6E6  | 763.099  | 683.488  |
| 13) T                       | 2,4-DB       | 10.231 | 10.929 | 1803.8E6  | 791.1E6   | 786.474m | 668.783m |
| 14) T                       | DINOSEB      | 11.449 | 11.315 | 9667.9E6  | 6946.6E6  | 696.875m | 644.322  |
| 15) T                       | Picloram     | 11.261 | 12.425 | 12784.6E6 | 15865.5E6 | 795.257m | 682.639  |
| 16) T                       | DCPA         | 11.745 | 12.359 | 18928.1E6 | 15284.3E6 | 738.911m | 693.390  |
| -----                       |              |        |        |           |           |          |          |

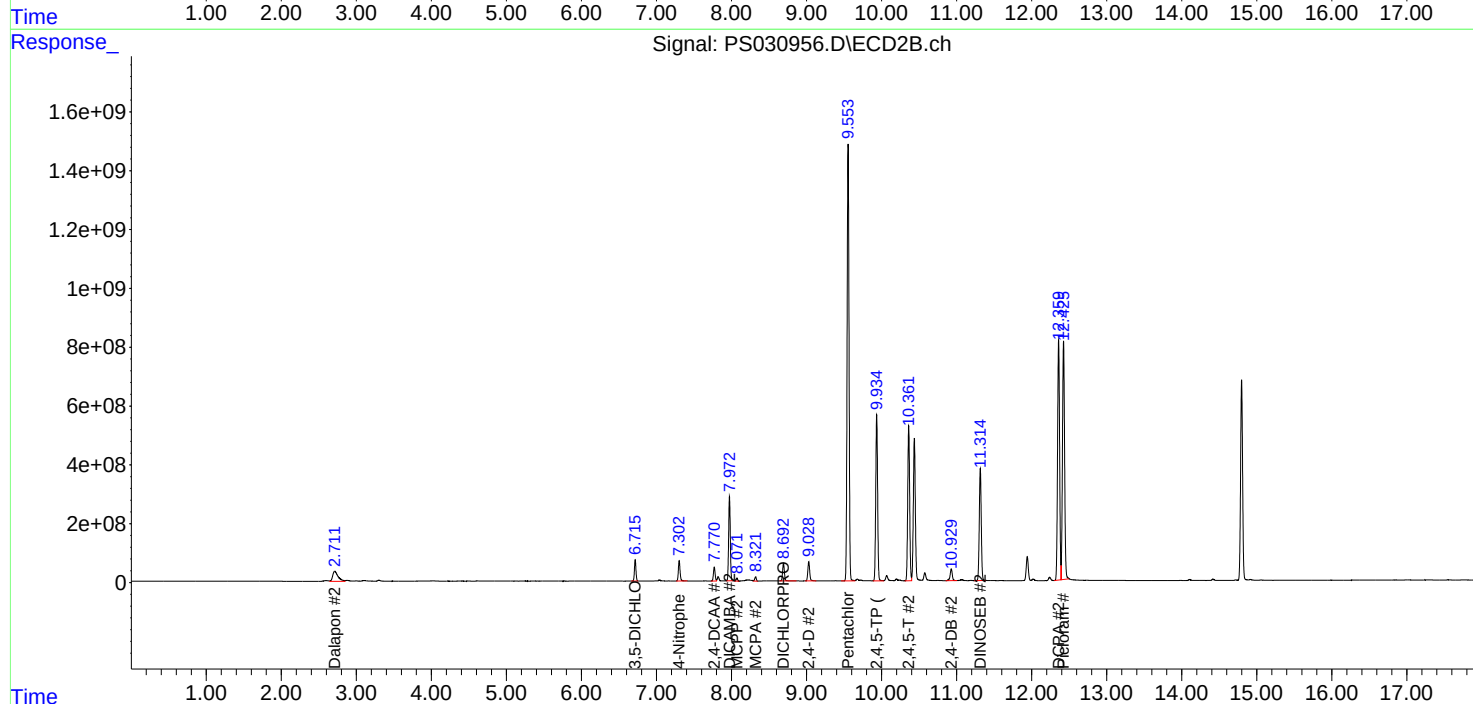
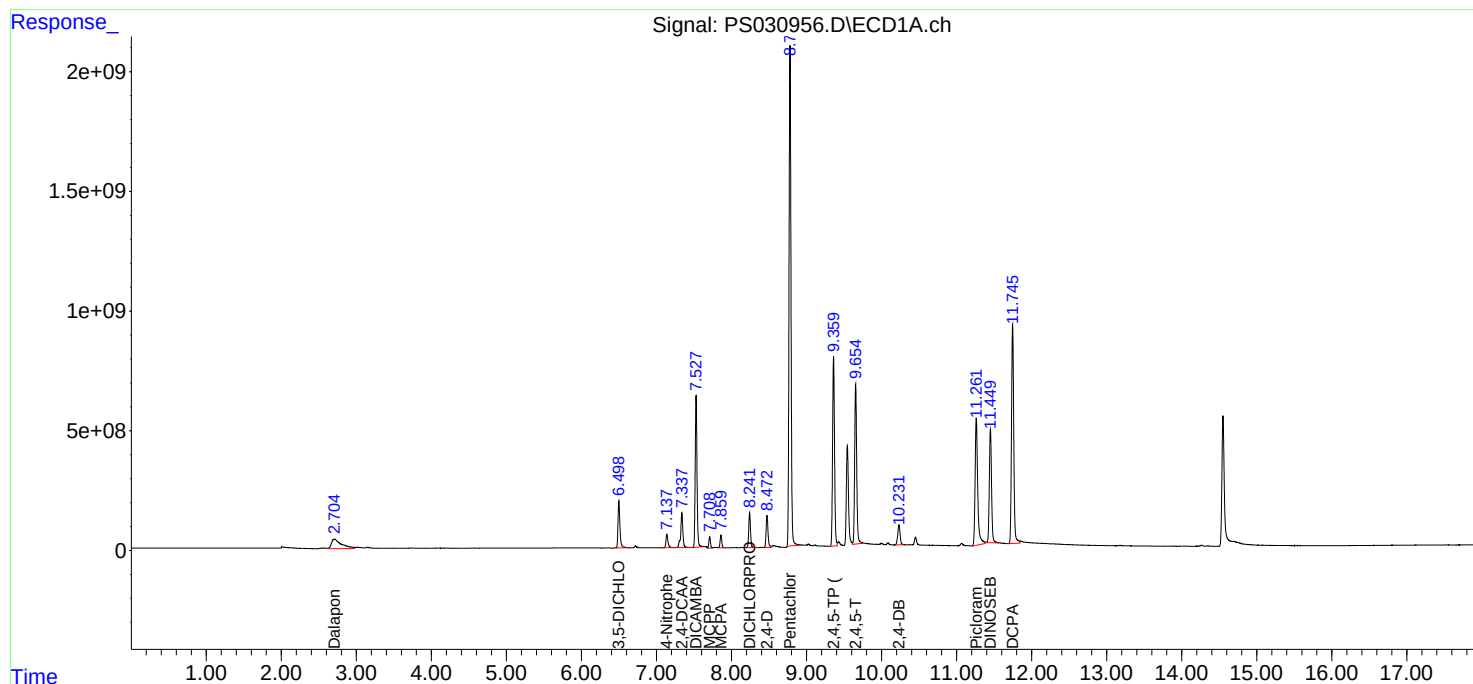
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
Data File : PS030956.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 16:05  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 01:38:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/09/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 11:36

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.53       | 7.54      | 7.44                   | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25                   | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15                   | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39                   | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28                   | 9.48  | 0.02       |
| 2,4,5-T          | 9.66       | 9.67      | 9.57                   | 9.77  | 0.01       |
| 2,4-DB           | 10.23      | 10.25     | 10.15                  | 10.35 | 0.02       |
| Dinoseb          | 11.45      | 11.47     | 11.37                  | 11.57 | 0.02       |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/09/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 11:36

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.76       | 7.77      | 7.67                   | 7.87  | 0.01       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.02       | 9.03      | 8.93                   | 9.13  | 0.01       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.36      | 10.36     | 10.26                  | 10.46 | 0.00       |
| 2,4-DB           | 10.93      | 10.93     | 10.83                  | 11.03 | 0.00       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |



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

**CALIBRATION VERIFICATION SUMMARY**

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 07/09/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030959.D **Time Analyzed:** 11:36

| COMPOUND         | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|----------------------|--------|--------------------|-------------------|------|
| 2,4,5-T          | 9.656  | 9.568                | 9.768  | 725.530            | 712.500           | 1.8  |
| 2,4,5-TP(Silvex) | 9.361  | 9.275                | 9.475  | 678.460            | 712.500           | -4.8 |
| 2,4-D            | 8.474  | 8.386                | 8.586  | 643.260            | 705.000           | -8.8 |
| 2,4-DB           | 10.233 | 10.147               | 10.347 | 758.610            | 712.500           | 6.5  |
| 2,4-DCAA         | 7.338  | 7.249                | 7.449  | 683.770            | 750.000           | -8.8 |
| DICAMBA          | 7.528  | 7.439                | 7.639  | 643.540            | 705.000           | -8.7 |
| DICHLORPROP      | 8.241  | 8.153                | 8.353  | 643.260            | 705.000           | -8.8 |
| Dinoseb          | 11.451 | 11.366               | 11.566 | 661.940            | 705.000           | -6.1 |



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

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 07/09/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030959.D **Time Analyzed:** 11:36

| COMPOUND         | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|--------|----------------------|--------|--------------------|-------------------|-------|
| 2,4,5-T          | 10.357 | 10.259               | 10.459 | 629.350            | 712.500           | -11.7 |
| 2,4,5-TP(Silvex) | 9.931  | 9.833                | 10.033 | 622.060            | 712.500           | -12.7 |
| 2,4-D            | 9.024  | 8.927                | 9.127  | 614.410            | 705.000           | -12.8 |
| 2,4-DB           | 10.925 | 10.827               | 11.027 | 607.740            | 712.500           | -14.7 |
| 2,4-DCAA         | 7.764  | 7.670                | 7.870  | 694.400            | 750.000           | -7.4  |
| DICAMBA          | 7.967  | 7.872                | 8.072  | 602.990            | 705.000           | -14.5 |
| DICHLORPROP      | 8.687  | 8.591                | 8.791  | 588.230            | 705.000           | -16.6 |
| Dinoseb          | 11.311 | 11.211               | 11.411 | 586.380            | 705.000           | -16.8 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070925\  
 Data File : PS030959.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jul 2025 11:36  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 09 14:14:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml    |
|-----------------------------|--------------|--------|--------|-----------|-----------|----------|----------|
| -----                       |              |        |        |           |           |          |          |
| System Monitoring Compounds |              |        |        |           |           |          |          |
| 4) S                        | 2,4-DCAA     | 7.338  | 7.764  | 2512.5E6  | 744.4E6   | 683.773m | 694.396m |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.699  | 2.702  | 3575.2E6  | 1539.9E6  | 599.301  | 561.646  |
| 2) T                        | 3,5-DICHL... | 6.498  | 6.710  | 3405.2E6  | 937.6E6   | 633.222  | 581.206  |
| 3) T                        | 4-Nitroph... | 7.138  | 7.296  | 973.1E6   | 1004.5E6  | 617.127  | 579.447  |
| 5) T                        | DICAMBA      | 7.528  | 7.967  | 9791.5E6  | 3951.5E6  | 643.541m | 602.987  |
| 6) T                        | MCPD         | 7.709  | 8.066  | 614.0E6   | 132.9E6   | 65.397m  | 63.351   |
| 7) T                        | MCPA         | 7.860  | 8.315  | 734.3E6   | 186.2E6   | 62.601   | 59.179   |
| 8) T                        | DICHLORPROP  | 8.241  | 8.687  | 2409.5E6  | 925.0E6   | 643.264  | 588.232  |
| 9) T                        | 2,4-D        | 8.474  | 9.024  | 2215.7E6  | 1044.1E6  | 643.264m | 614.408m |
| 10) T                       | Pentachlo... | 8.781  | 9.548  | 35706.6E6 | 24300.1E6 | 674.659  | 637.429  |
| 11) T                       | 2,4,5-TP ... | 9.361  | 9.931  | 13589.8E6 | 8975.5E6  | 678.457  | 622.060  |
| 12) T                       | 2,4,5-T      | 9.656  | 10.357 | 11937.3E6 | 8599.9E6  | 725.533  | 629.353  |
| 13) T                       | 2,4-DB       | 10.233 | 10.925 | 1739.9E6  | 718.9E6   | 758.608m | 607.740  |
| 14) T                       | DINOSEB      | 11.451 | 11.311 | 9183.1E6  | 6321.9E6  | 661.935m | 586.376  |
| 15) T                       | Picloram     | 11.263 | 12.422 | 12079.2E6 | 14739.1E6 | 751.377m | 634.174  |
| 16) T                       | DCPA         | 11.749 | 12.356 | 18024.8E6 | 14058.3E6 | 703.648  | 637.772  |
| -----                       |              |        |        |           |           |          |          |

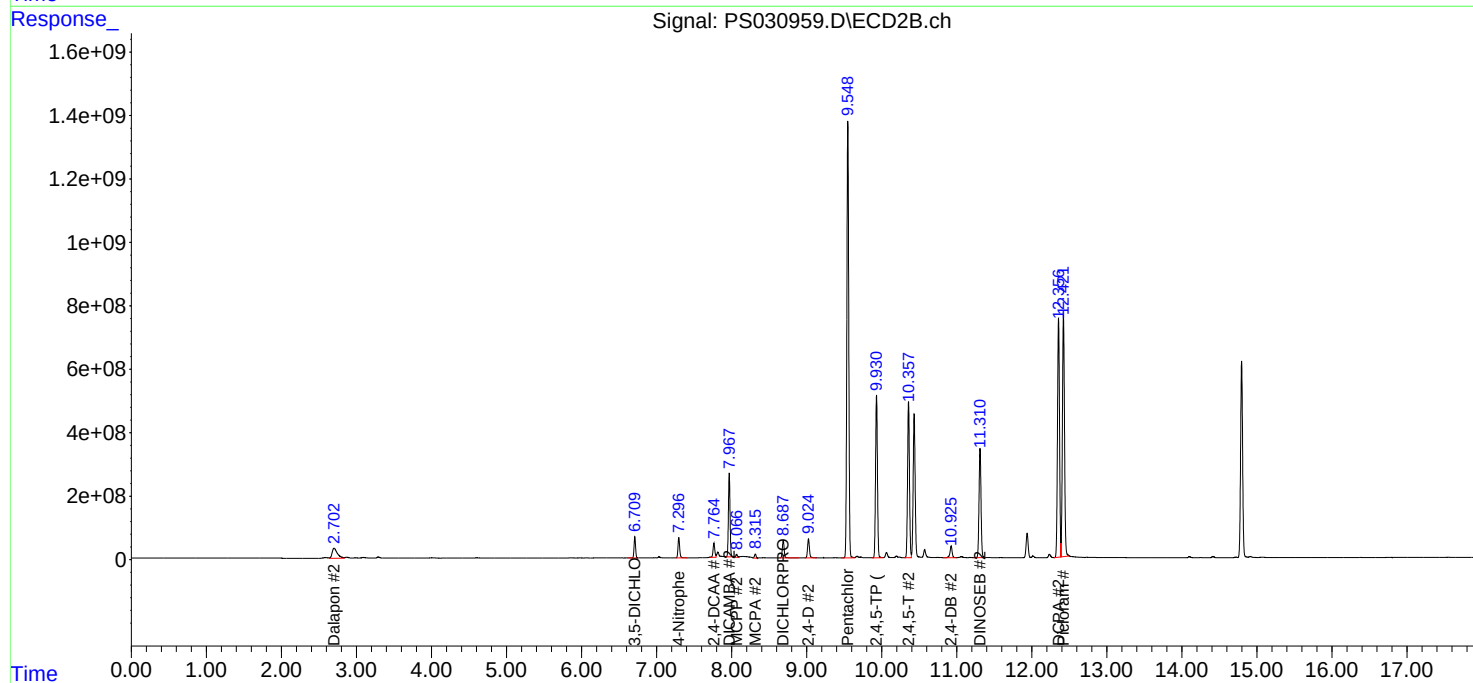
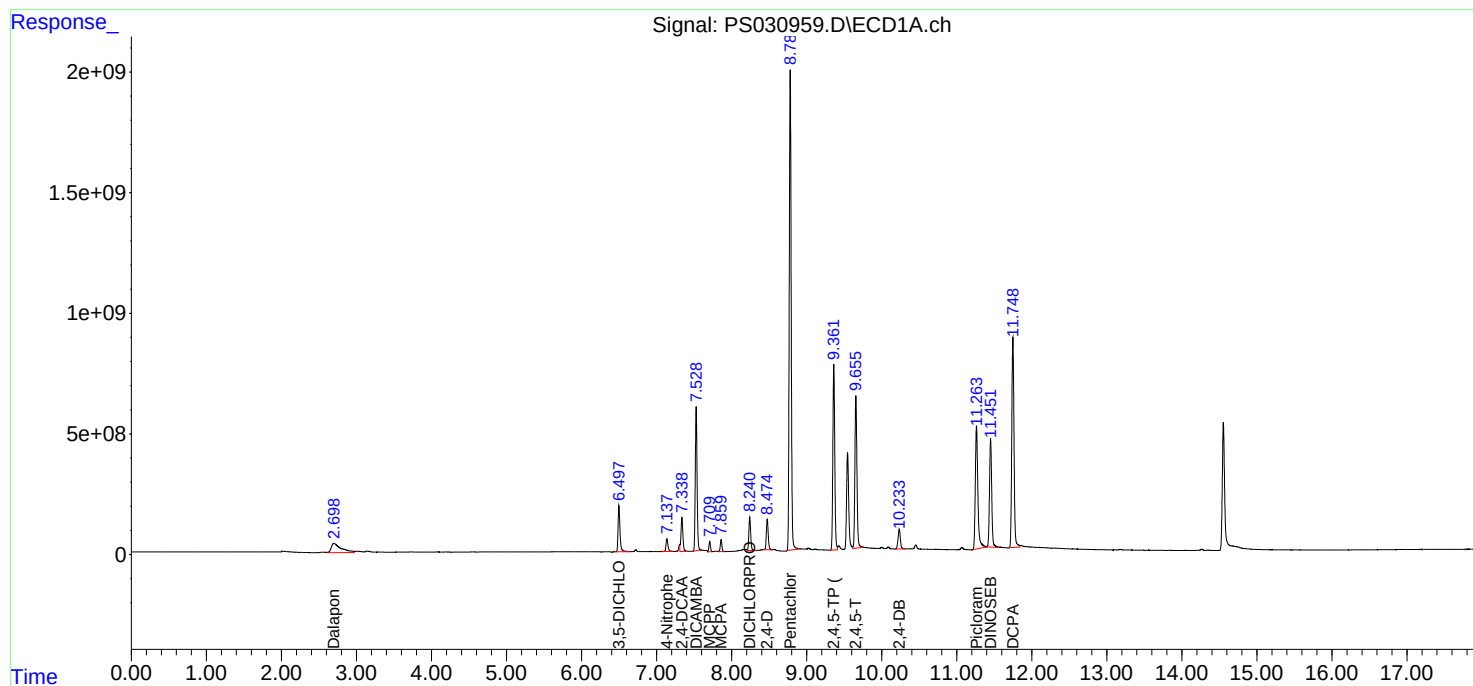
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070925\  
Data File : PS030959.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2025 11:36  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 14:14:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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







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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/09/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 14:52

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.53       | 7.54      | 7.44                   | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25                   | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15                   | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39                   | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28                   | 9.48  | 0.02       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57                   | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15                  | 10.35 | 0.02       |
| Dinoseb          | 11.45      | 11.47     | 11.37                  | 11.57 | 0.02       |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/09/2025

Initial Calibration Date(s): 06/18/2025 06/18/2025

Continuing Calib Time: 14:52

Initial Calibration Time(s): 11:25 13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.00       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.03       | 9.03      | 8.93                   | 9.13  | 0.00       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.36      | 10.36     | 10.26                  | 10.46 | 0.00       |
| 2,4-DB           | 10.93      | 10.93     | 10.83                  | 11.03 | 0.00       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |



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

**CALIBRATION VERIFICATION SUMMARY**

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 07/09/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030967.D **Time Analyzed:** 14:52

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                  |        | FROM      | TO     |                    |                   |       |
| 2,4,5-T          | 9.653  | 9.568     | 9.768  | 709.820            | 712.500           | -0.4  |
| 2,4,5-TP(Silvex) | 9.359  | 9.275     | 9.475  | 668.070            | 712.500           | -6.2  |
| 2,4-D            | 8.471  | 8.386     | 8.586  | 643.940            | 705.000           | -8.7  |
| 2,4-DB           | 10.231 | 10.147    | 10.347 | 759.090            | 712.500           | 6.5   |
| 2,4-DCAA         | 7.337  | 7.249     | 7.449  | 668.070            | 750.000           | -10.9 |
| DICAMBA          | 7.526  | 7.439     | 7.639  | 648.820            | 705.000           | -8.0  |
| DICHLORPROP      | 8.240  | 8.153     | 8.353  | 607.260            | 705.000           | -13.9 |
| Dinoseb          | 11.447 | 11.366    | 11.566 | 644.130            | 705.000           | -8.6  |



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

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 07/09/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030967.D **Time Analyzed:** 14:52

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                  |        | FROM      | TO     |                    |                   |       |
| 2,4,5-T          | 10.361 | 10.259    | 10.459 | 635.110            | 712.500           | -10.9 |
| 2,4,5-TP(Silvex) | 9.934  | 9.833     | 10.033 | 629.760            | 712.500           | -11.6 |
| 2,4-D            | 9.028  | 8.927     | 9.127  | 626.500            | 705.000           | -11.1 |
| 2,4-DB           | 10.929 | 10.827    | 11.027 | 617.890            | 712.500           | -13.3 |
| 2,4-DCAA         | 7.769  | 7.670     | 7.870  | 636.310            | 750.000           | -15.2 |
| DICAMBA          | 7.972  | 7.872     | 8.072  | 613.280            | 705.000           | -13.0 |
| DICHLORPROP      | 8.692  | 8.591     | 8.791  | 588.860            | 705.000           | -16.5 |
| Dinoseb          | 11.313 | 11.211    | 11.411 | 588.950            | 705.000           | -16.5 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070925\  
 Data File : PS030967.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jul 2025 14:52  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 01:42:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml    |
|-----------------------------|--------------|--------|--------|-----------|-----------|----------|----------|
| -----                       |              |        |        |           |           |          |          |
| System Monitoring Compounds |              |        |        |           |           |          |          |
| 4) S                        | 2,4-DCAA     | 7.337  | 7.769  | 2454.7E6  | 682.1E6   | 668.065  | 636.314m |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.701  | 2.711  | 3411.1E6  | 1538.6E6  | 571.789  | 561.169  |
| 2) T                        | 3,5-DICHL... | 6.497  | 6.715  | 3365.9E6  | 941.2E6   | 625.908  | 583.482  |
| 3) T                        | 4-Nitroph... | 7.136  | 7.302  | 967.6E6   | 1003.1E6  | 613.686  | 578.618  |
| 5) T                        | DICAMBA      | 7.526  | 7.972  | 9871.9E6  | 4018.9E6  | 648.824m | 613.275  |
| 6) T                        | MCPD         | 7.707  | 8.070  | 629.9E6   | 134.4E6   | 67.093m  | 64.081   |
| 7) T                        | MCPA         | 7.858  | 8.320  | 749.4E6   | 200.2E6   | 63.883   | 63.636   |
| 8) T                        | DICHLORPROP  | 8.240  | 8.692  | 2274.7E6  | 926.0E6   | 607.263  | 588.860m |
| 9) T                        | 2,4-D        | 8.471  | 9.028  | 2218.0E6  | 1064.7E6  | 643.935  | 626.498m |
| 10) T                       | Pentachlo... | 8.779  | 9.553  | 35073.3E6 | 24565.8E6 | 662.692  | 644.398  |
| 11) T                       | 2,4,5-TP ... | 9.359  | 9.934  | 13381.7E6 | 9086.6E6  | 668.068  | 629.756  |
| 12) T                       | 2,4,5-T      | 9.653  | 10.361 | 11678.8E6 | 8678.5E6  | 709.822  | 635.105  |
| 13) T                       | 2,4-DB       | 10.231 | 10.929 | 1741.0E6  | 730.9E6   | 759.092  | 617.893  |
| 14) T                       | DINOSEB      | 11.447 | 11.313 | 8936.1E6  | 6349.6E6  | 644.126m | 588.947m |
| 15) T                       | Picloram     | 11.259 | 12.424 | 11665.6E6 | 14630.9E6 | 725.649m | 629.516  |
| 16) T                       | DCPA         | 11.744 | 12.358 | 17913.9E6 | 14185.7E6 | 699.319  | 643.551  |
| -----                       |              |        |        |           |           |          |          |

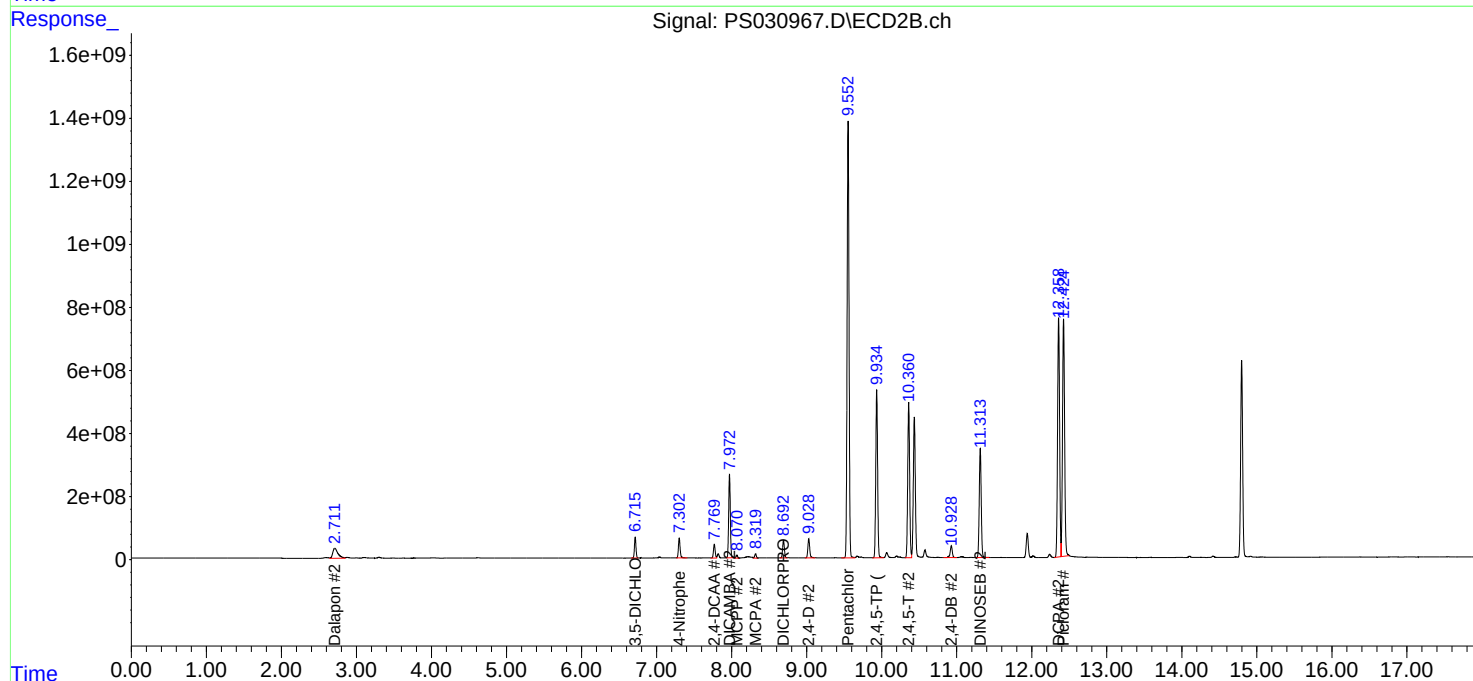
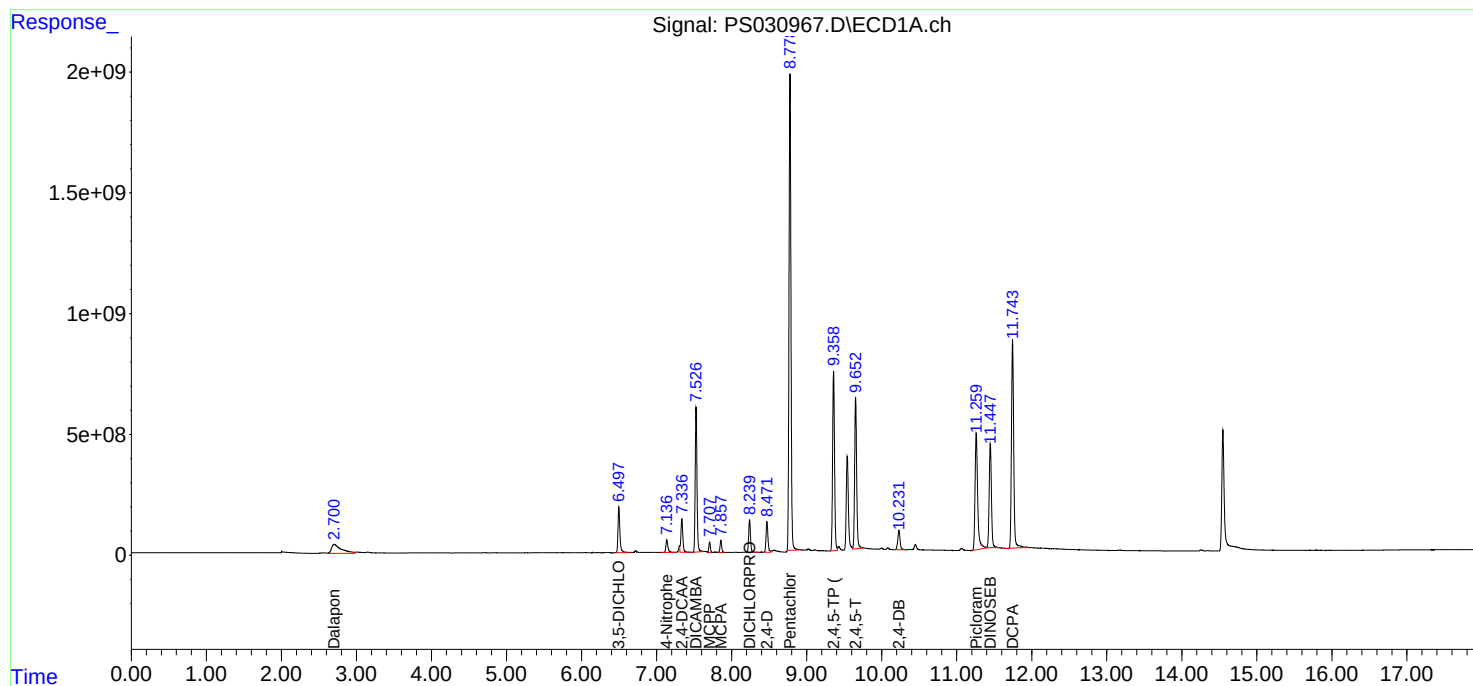
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070925\  
Data File : PS030967.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2025 14:52  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 01:42:46 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 09:48

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.53       | 7.54      | 7.44                   | 7.64  | 0.01       |
| 2,4-DCAA         | 7.34       | 7.35      | 7.25                   | 7.45  | 0.01       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15                   | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39                   | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28                   | 9.48  | 0.02       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57                   | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15                  | 10.35 | 0.02       |
| Dinoseb          | 11.45      | 11.47     | 11.37                  | 11.57 | 0.03       |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 09:48

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.00       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.03       | 9.03      | 8.93                   | 9.13  | 0.00       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.36      | 10.36     | 10.26                  | 10.46 | 0.00       |
| 2,4-DB           | 10.93      | 10.93     | 10.83                  | 11.03 | 0.00       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |





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

**CALIBRATION VERIFICATION SUMMARY**

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL07 **Date Analyzed:** 07/10/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030980.D **Time Analyzed:** 09:48

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 9.652  | 9.568     | 9.768  | 767.030            | 712.500           | 7.7  |
| 2,4,5-TP(Silvex) | 9.356  | 9.275     | 9.475  | 706.790            | 712.500           | -0.8 |
| 2,4-D            | 8.470  | 8.386     | 8.586  | 689.810            | 705.000           | -2.2 |
| 2,4-DB           | 10.229 | 10.147    | 10.347 | 835.670            | 712.500           | 17.3 |
| 2,4-DCAA         | 7.336  | 7.249     | 7.449  | 701.710            | 750.000           | -6.4 |
| DICAMBA          | 7.525  | 7.439     | 7.639  | 677.750            | 705.000           | -3.9 |
| DICHLORPROP      | 8.238  | 8.153     | 8.353  | 639.810            | 705.000           | -9.2 |
| Dinoseb          | 11.445 | 11.366    | 11.566 | 678.890            | 705.000           | -3.7 |



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

**CALIBRATION VERIFICATION SUMMARY**

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL07 **Date Analyzed:** 07/10/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030980.D **Time Analyzed:** 09:48

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                  |        | FROM      | TO     |                    |                   |       |
| 2,4,5-T          | 10.360 | 10.259    | 10.459 | 657.200            | 712.500           | -7.8  |
| 2,4,5-TP(Silvex) | 9.934  | 9.833     | 10.033 | 652.700            | 712.500           | -8.4  |
| 2,4-D            | 9.027  | 8.927     | 9.127  | 643.630            | 705.000           | -8.7  |
| 2,4-DB           | 10.928 | 10.827    | 11.027 | 639.290            | 712.500           | -10.3 |
| 2,4-DCAA         | 7.769  | 7.670     | 7.870  | 654.250            | 750.000           | -12.8 |
| DICAMBA          | 7.972  | 7.872     | 8.072  | 635.160            | 705.000           | -9.9  |
| DICHLORPROP      | 8.691  | 8.591     | 8.791  | 616.740            | 705.000           | -12.5 |
| Dinoseb          | 11.313 | 11.211    | 11.411 | 618.480            | 705.000           | -12.3 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071025\  
 Data File : PS030980.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2025 09:48  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025  
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 22:55:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml    |
|-----------------------------|--------------|--------|--------|-----------|-----------|----------|----------|
| -----                       |              |        |        |           |           |          |          |
| System Monitoring Compounds |              |        |        |           |           |          |          |
| 4) S                        | 2,4-DCAA     | 7.336  | 7.769  | 2578.4E6  | 701.3E6   | 701.710  | 654.252  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.701  | 2.709  | 3456.7E6  | 1541.2E6  | 579.428  | 562.111  |
| 2) T                        | 3,5-DICHL... | 6.496  | 6.715  | 3524.2E6  | 970.3E6   | 655.350  | 601.487  |
| 3) T                        | 4-Nitroph... | 7.136  | 7.301  | 1046.4E6  | 1048.0E6  | 663.655  | 604.560  |
| 5) T                        | DICAMBA      | 7.525  | 7.972  | 10312.0E6 | 4162.4E6  | 677.749m | 635.164  |
| 6) T                        | MCPD         | 7.707  | 8.071  | 658.4E6   | 143.2E6   | 70.132m  | 68.263   |
| 7) T                        | MCPA         | 7.857  | 8.320  | 795.2E6   | 206.6E6   | 67.787   | 65.690   |
| 8) T                        | DICHLORPROP  | 8.238  | 8.691  | 2396.6E6  | 969.8E6   | 639.813  | 616.744  |
| 9) T                        | 2,4-D        | 8.470  | 9.027  | 2376.0E6  | 1093.8E6  | 689.815  | 643.625m |
| 10) T                       | Pentachlo... | 8.777  | 9.552  | 37334.0E6 | 25412.5E6 | 705.408m | 666.609  |
| 11) T                       | 2,4,5-TP ... | 9.356  | 9.934  | 14157.3E6 | 9417.7E6  | 706.792  | 652.703  |
| 12) T                       | 2,4,5-T      | 9.652  | 10.360 | 12620.1E6 | 8980.3E6  | 767.032  | 657.195  |
| 13) T                       | 2,4-DB       | 10.229 | 10.928 | 1916.6E6  | 756.2E6   | 835.673  | 639.291  |
| 14) T                       | DINOSEB      | 11.445 | 11.313 | 9418.4E6  | 6668.0E6  | 678.890m | 618.478  |
| 15) T                       | Picloram     | 11.257 | 12.423 | 12932.0E6 | 15438.9E6 | 804.426m | 664.283  |
| 16) T                       | DCPA         | 11.743 | 12.357 | 18731.1E6 | 14635.5E6 | 731.219  | 663.961  |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071025\  
Data File : PS030980.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2025 09:48  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

HSTDCCC750

## Manual Integrations

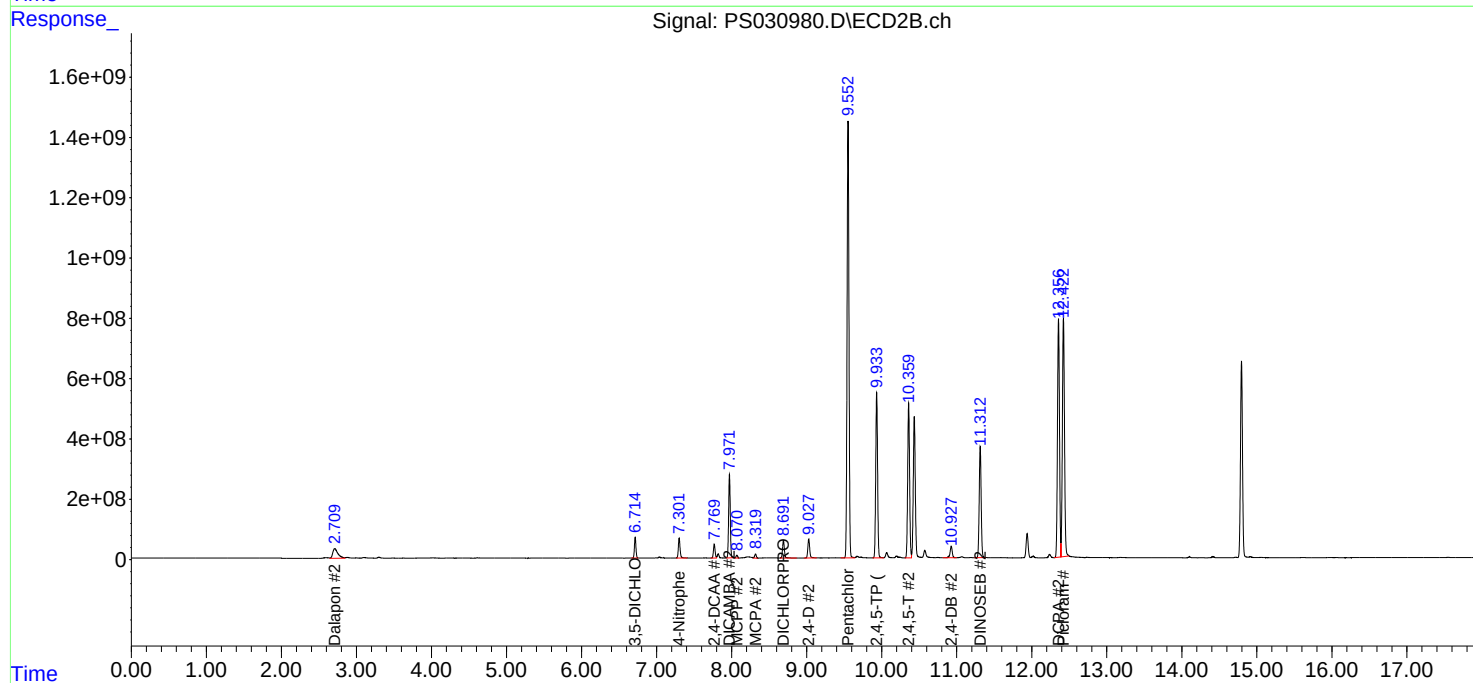
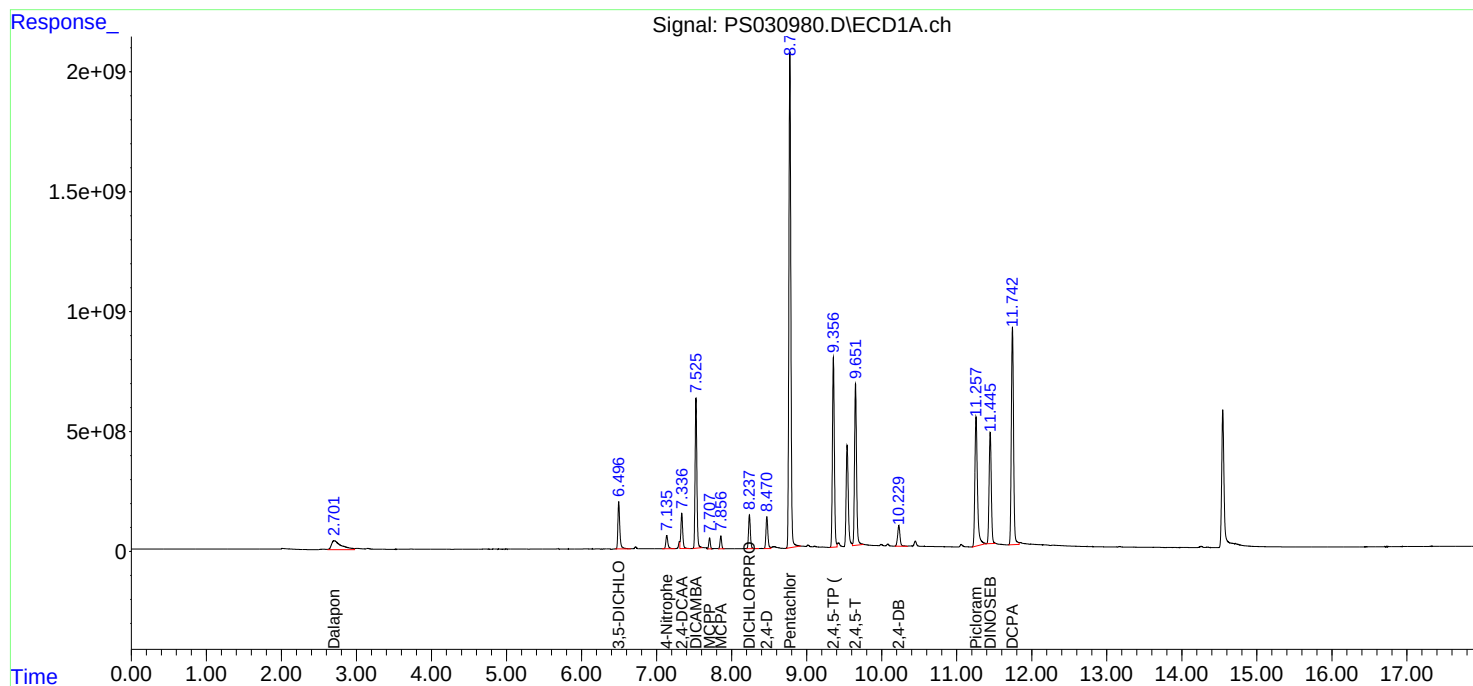
APPROVED

Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 22:55:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 16:59

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.52       | 7.54      | 7.44                   | 7.64  | 0.02       |
| 2,4-DCAA         | 7.33       | 7.35      | 7.25                   | 7.45  | 0.02       |
| DICHLORPROP      | 8.24       | 8.25      | 8.15                   | 8.35  | 0.01       |
| 2,4-D            | 8.47       | 8.49      | 8.39                   | 8.59  | 0.02       |
| 2,4,5-TP(Silvex) | 9.36       | 9.38      | 9.28                   | 9.48  | 0.03       |
| 2,4,5-T          | 9.65       | 9.67      | 9.57                   | 9.77  | 0.02       |
| 2,4-DB           | 10.23      | 10.25     | 10.15                  | 10.35 | 0.02       |
| Dinoseb          | 11.44      | 11.47     | 11.37                  | 11.57 | 0.03       |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2484

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 06/18/2025

06/18/2025

Continuing Calib Time: 16:59

Initial Calibration Time(s): 11:25

13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|------------------|------------|-----------|------------------------|-------|------------|
| DICAMBA          | 7.97       | 7.97      | 7.87                   | 8.07  | 0.00       |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67                   | 7.87  | 0.00       |
| DICHLORPROP      | 8.69       | 8.69      | 8.59                   | 8.79  | 0.00       |
| 2,4-D            | 9.03       | 9.03      | 8.93                   | 9.13  | 0.00       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83                   | 10.03 | 0.00       |
| 2,4,5-T          | 10.36      | 10.36     | 10.26                  | 10.46 | 0.00       |
| 2,4-DB           | 10.93      | 10.93     | 10.83                  | 11.03 | 0.00       |
| Dinoseb          | 11.31      | 11.31     | 11.21                  | 11.41 | 0.00       |



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

**CALIBRATION VERIFICATION SUMMARY**

**Lab Name:** Alliance **Contract:** CAMP02  
**Lab Code:** ACE **SDG NO.:** Q2484  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

**Client Sample No.:** CCAL08 **Date Analyzed:** 07/10/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS030990.D **Time Analyzed:** 16:59

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|--------|-----------|--------|--------------------|-------------------|------|
|                  |        | FROM      | TO     |                    |                   |      |
| 2,4,5-T          | 9.650  | 9.568     | 9.768  | 782.090            | 712.500           | 9.8  |
| 2,4,5-TP(Silvex) | 9.355  | 9.275     | 9.475  | 720.380            | 712.500           | 1.1  |
| 2,4-D            | 8.469  | 8.386     | 8.586  | 702.820            | 705.000           | -0.3 |
| 2,4-DB           | 10.227 | 10.147    | 10.347 | 848.520            | 712.500           | 19.1 |
| 2,4-DCAA         | 7.334  | 7.249     | 7.449  | 718.940            | 750.000           | -4.1 |
| DICAMBA          | 7.524  | 7.439     | 7.639  | 694.160            | 705.000           | -1.5 |
| DICHLORPROP      | 8.237  | 8.153     | 8.353  | 649.970            | 705.000           | -7.8 |
| Dinoseb          | 11.443 | 11.366    | 11.566 | 705.470            | 705.000           | 0.1  |



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

## CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: CAMP02  
 Lab Code: ACE SDG NO.: Q2484  
 GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/18/2025 06/18/2025

Client Sample No.: CCAL08 Date Analyzed: 07/10/2025  
 Lab Sample No.: HSTDCCC750 Data File : PS030990.D Time Analyzed: 16:59

| COMPOUND         | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                  |        | FROM      | TO     |                    |                   |       |
| 2,4,5-T          | 10.359 | 10.259    | 10.459 | 678.370            | 712.500           | -4.8  |
| 2,4,5-TP(Silvex) | 9.932  | 9.833     | 10.033 | 671.710            | 712.500           | -5.7  |
| 2,4-D            | 9.027  | 8.927     | 9.127  | 622.580            | 705.000           | -11.7 |
| 2,4-DB           | 10.927 | 10.827    | 11.027 | 653.050            | 712.500           | -8.3  |
| 2,4-DCAA         | 7.768  | 7.670     | 7.870  | 672.370            | 750.000           | -10.4 |
| DICAMBA          | 7.971  | 7.872     | 8.072  | 654.990            | 705.000           | -7.1  |
| DICHLORPROP      | 8.691  | 8.591     | 8.791  | 633.040            | 705.000           | -10.2 |
| Dinoseb          | 11.312 | 11.211    | 11.411 | 643.930            | 705.000           | -8.7  |



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071025\  
 Data File : PS030990.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2025 16:59  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025  
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 07:16:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml    |
|-----------------------------|--------------|--------|--------|-----------|-----------|----------|----------|
| -----                       |              |        |        |           |           |          |          |
| System Monitoring Compounds |              |        |        |           |           |          |          |
| 4) S                        | 2,4-DCAA     | 7.334  | 7.768  | 2641.7E6  | 720.8E6   | 718.943  | 672.370  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.698  | 2.709  | 3496.5E6  | 1569.3E6  | 586.107  | 572.362  |
| 2) T                        | 3,5-DICHL... | 6.495  | 6.714  | 3605.4E6  | 986.8E6   | 670.447  | 611.728  |
| 3) T                        | 4-Nitroph... | 7.134  | 7.300  | 1070.4E6  | 1090.5E6  | 678.828  | 629.051  |
| 5) T                        | DICAMBA      | 7.524  | 7.971  | 10561.6E6 | 4292.3E6  | 694.155m | 654.986  |
| 6) T                        | MCPD         | 7.705  | 8.069  | 678.2E6   | 143.4E6   | 72.238m  | 68.373   |
| 7) T                        | MCPA         | 7.855  | 8.318  | 810.4E6   | 200.5E6   | 69.082   | 63.728   |
| 8) T                        | DICHLORPROP  | 8.237  | 8.691  | 2434.6E6  | 995.4E6   | 649.971  | 633.036  |
| 9) T                        | 2,4-D        | 8.469  | 9.027  | 2420.8E6  | 1058.0E6  | 702.823  | 622.578  |
| 10) T                       | Pentachlo... | 8.776  | 9.551  | 38201.2E6 | 26213.8E6 | 721.794m | 687.627  |
| 11) T                       | 2,4,5-TP ... | 9.355  | 9.932  | 14429.5E6 | 9692.0E6  | 720.381  | 671.713  |
| 12) T                       | 2,4,5-T      | 9.650  | 10.359 | 12867.9E6 | 9269.7E6  | 782.095  | 678.373  |
| 13) T                       | 2,4-DB       | 10.227 | 10.927 | 1946.1E6  | 772.5E6   | 848.523  | 653.046  |
| 14) T                       | DINOSEB      | 11.443 | 11.312 | 9787.1E6  | 6942.4E6  | 705.472m | 643.929  |
| 15) T                       | Picloram     | 11.255 | 12.422 | 13142.7E6 | 15262.8E6 | 817.527m | 656.706  |
| 16) T                       | DCPA         | 11.741 | 12.356 | 19012.0E6 | 15126.3E6 | 742.186  | 686.222m |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071025\  
Data File : PS030990.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2025 16:59  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

HSTDCCC750

## Manual Integrations

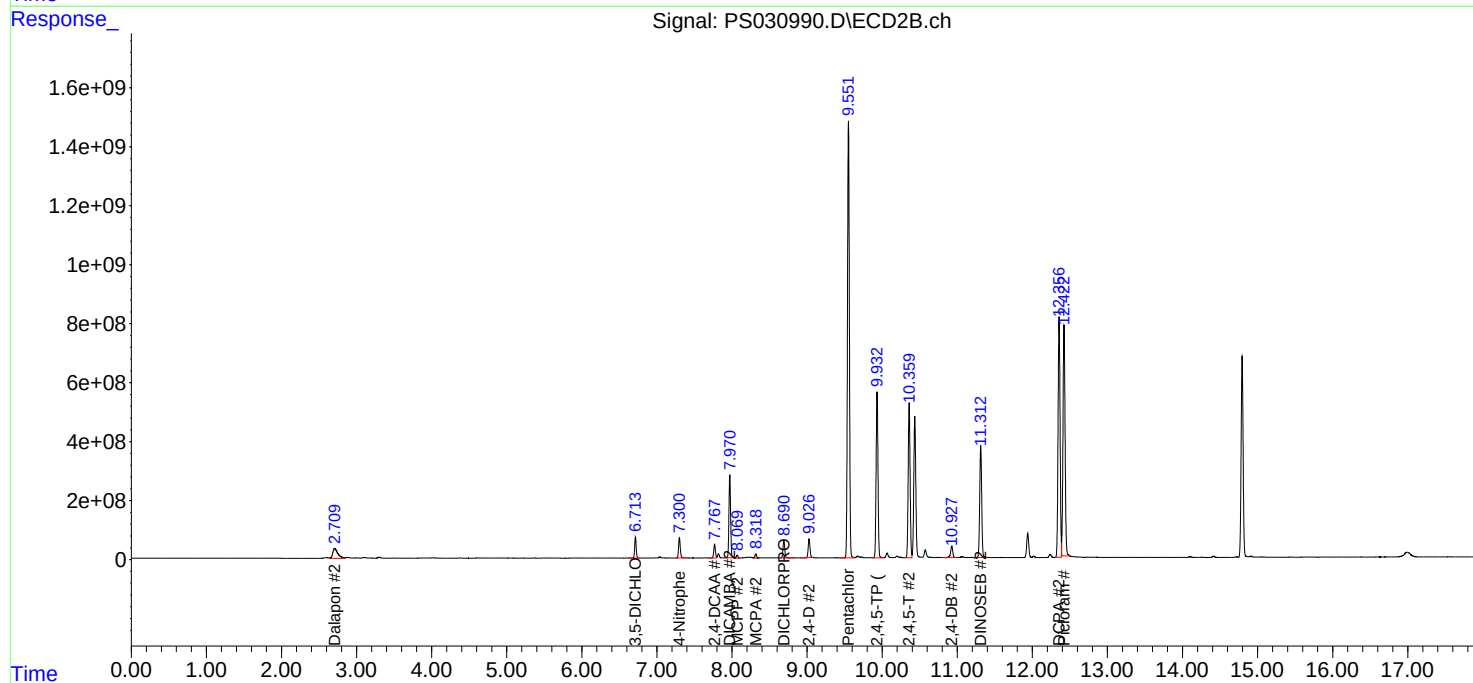
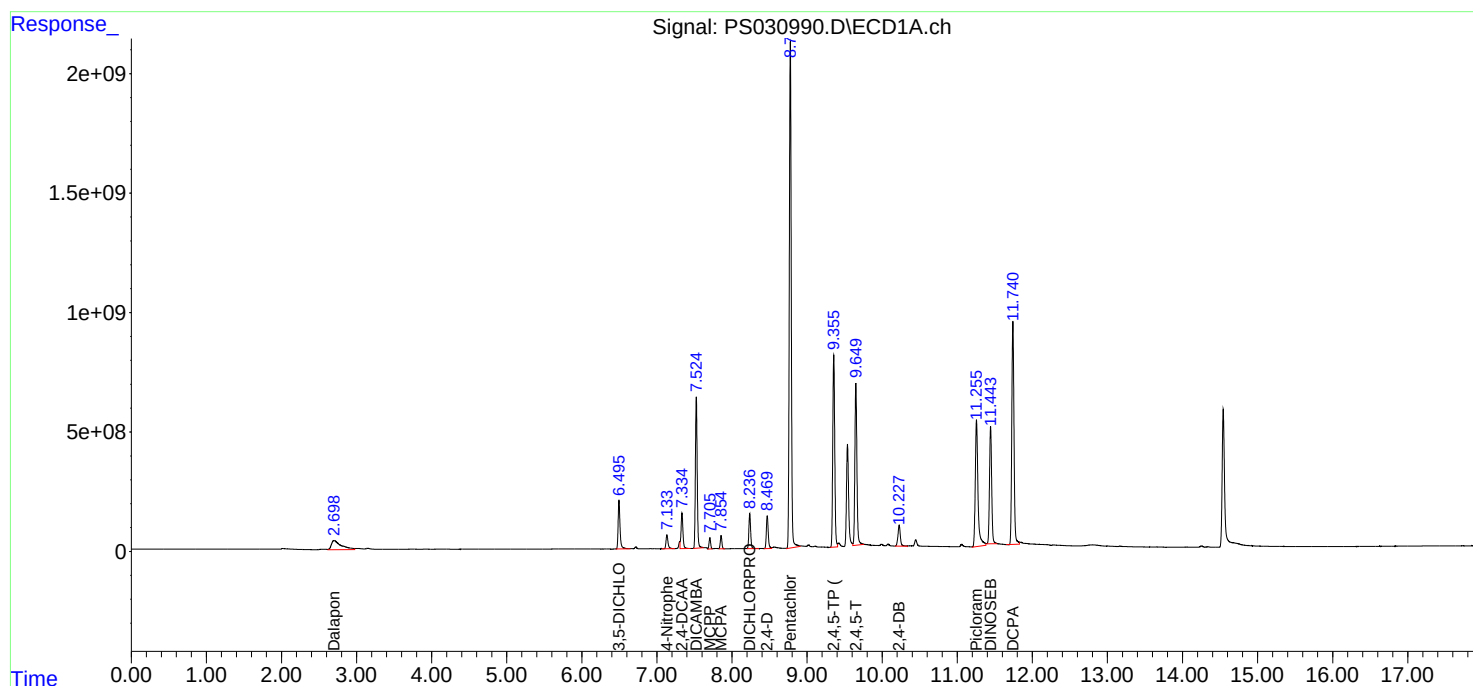
## APPROVED

Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 07:16:06 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



## Analytical Sequence

|                                     |                                                                 |
|-------------------------------------|-----------------------------------------------------------------|
| Client: CDM Smith                   | SDG No.: Q2484                                                  |
| Project: South River WM Replacement | Instrument ID: ECD_S                                            |
| GC Column: RTX-CLP                  | ID: 0.32 (mm)    Inst. Calib. Date(s): 06/18/2025    06/18/2025 |

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

| CLIENT ID   | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCAA<br>RT # | RT # |
|-------------|------------------|------------------|------------------|------------|--------------|------|
| IBLK        | IBLK             | 06/18/2025       | 11:01            | PS030738.D | 7.35         | 0.00 |
| HSTDICC200  | HSTDICC200       | 06/18/2025       | 11:25            | PS030739.D | 7.35         | 0.00 |
| HSTDICC500  | HSTDICC500       | 06/18/2025       | 11:49            | PS030740.D | 7.35         | 0.00 |
| HSTDICC750  | HSTDICC750       | 06/18/2025       | 12:13            | PS030741.D | 7.35         | 0.00 |
| HSTDICC1000 | HSTDICC1000      | 06/18/2025       | 12:37            | PS030742.D | 7.35         | 0.00 |
| HSTDICC1500 | HSTDICC1500      | 06/18/2025       | 13:29            | PS030743.D | 7.35         | 0.00 |
| IBLK        | IBLK             | 07/07/2025       | 20:48            | PS030931.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/07/2025       | 21:36            | PS030932.D | 7.34         | 0.00 |
| TP-58       | Q2484-01         | 07/07/2025       | 22:25            | PS030934.D | 7.34         | 0.00 |
| TP-57       | Q2484-02         | 07/07/2025       | 22:49            | PS030935.D | 7.34         | 0.00 |
| TP-107      | Q2484-04         | 07/07/2025       | 23:37            | PS030937.D | 7.34         | 0.00 |
| TP-106      | Q2484-05         | 07/08/2025       | 00:01            | PS030938.D | 7.34         | 0.00 |
| TP-104      | Q2484-06         | 07/08/2025       | 00:25            | PS030939.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/08/2025       | 00:50            | PS030940.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/08/2025       | 01:38            | PS030941.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/08/2025       | 08:37            | PS030943.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/08/2025       | 09:27            | PS030944.D | 7.34         | 0.00 |
| PB168706BL  | PB168706BL       | 07/08/2025       | 12:19            | PS030947.D | 7.34         | 0.00 |
| TP-76MS     | Q2458-01MS       | 07/08/2025       | 13:07            | PS030949.D | 7.34         | 0.00 |
| TP-76MSD    | Q2458-01MSD      | 07/08/2025       | 13:32            | PS030950.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/08/2025       | 15:41            | PS030955.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/08/2025       | 16:05            | PS030956.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/09/2025       | 09:32            | PS030958.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/09/2025       | 11:36            | PS030959.D | 7.34         | 0.00 |
| PB168706BS  | PB168706BS       | 07/09/2025       | 14:04            | PS030965.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/09/2025       | 14:28            | PS030966.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/09/2025       | 14:52            | PS030967.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/10/2025       | 09:24            | PS030979.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/10/2025       | 09:48            | PS030980.D | 7.34         | 0.00 |
| TP-64       | Q2484-03         | 07/10/2025       | 16:06            | PS030988.D | 7.34         | 0.00 |
| IBLK        | IBLK             | 07/10/2025       | 16:34            | PS030989.D | 7.34         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/10/2025       | 16:59            | PS030990.D | 7.33         | 0.00 |

## Analytical Sequence

|                                     |                                                                 |
|-------------------------------------|-----------------------------------------------------------------|
| Client: CDM Smith                   | SDG No.: Q2484                                                  |
| Project: South River WM Replacement | Instrument ID: ECD_S                                            |
| GC Column: RTX-CLP2                 | ID: 0.32 (mm)    Inst. Calib. Date(s): 06/18/2025    06/18/2025 |

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

| CLIENT ID   | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCAA<br>RT # | RT # |
|-------------|------------------|------------------|------------------|------------|--------------|------|
| IBLK        | IBLK             | 06/18/2025       | 11:01            | PS030738.D | 7.77         | 0.00 |
| HSTDICC200  | HSTDICC200       | 06/18/2025       | 11:25            | PS030739.D | 7.77         | 0.00 |
| HSTDICC500  | HSTDICC500       | 06/18/2025       | 11:49            | PS030740.D | 7.77         | 0.00 |
| HSTDICC750  | HSTDICC750       | 06/18/2025       | 12:13            | PS030741.D | 7.77         | 0.00 |
| HSTDICC1000 | HSTDICC1000      | 06/18/2025       | 12:37            | PS030742.D | 7.77         | 0.00 |
| HSTDICC1500 | HSTDICC1500      | 06/18/2025       | 13:29            | PS030743.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/07/2025       | 20:48            | PS030931.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/07/2025       | 21:36            | PS030932.D | 7.77         | 0.00 |
| TP-58       | Q2484-01         | 07/07/2025       | 22:25            | PS030934.D | 7.77         | 0.00 |
| TP-57       | Q2484-02         | 07/07/2025       | 22:49            | PS030935.D | 7.76         | 0.00 |
| TP-107      | Q2484-04         | 07/07/2025       | 23:37            | PS030937.D | 7.77         | 0.00 |
| TP-106      | Q2484-05         | 07/08/2025       | 00:01            | PS030938.D | 7.77         | 0.00 |
| TP-104      | Q2484-06         | 07/08/2025       | 00:25            | PS030939.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/08/2025       | 00:50            | PS030940.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/08/2025       | 01:38            | PS030941.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/08/2025       | 08:37            | PS030943.D | 7.76         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/08/2025       | 09:27            | PS030944.D | 7.77         | 0.00 |
| PB168706BL  | PB168706BL       | 07/08/2025       | 12:19            | PS030947.D | 7.77         | 0.00 |
| TP-76MS     | Q2458-01MS       | 07/08/2025       | 13:07            | PS030949.D | 7.77         | 0.00 |
| TP-76MSD    | Q2458-01MSD      | 07/08/2025       | 13:32            | PS030950.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/08/2025       | 15:41            | PS030955.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/08/2025       | 16:05            | PS030956.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/09/2025       | 09:32            | PS030958.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/09/2025       | 11:36            | PS030959.D | 7.76         | 0.00 |
| PB168706BS  | PB168706BS       | 07/09/2025       | 14:04            | PS030965.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/09/2025       | 14:28            | PS030966.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/09/2025       | 14:52            | PS030967.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/10/2025       | 09:24            | PS030979.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/10/2025       | 09:48            | PS030980.D | 7.77         | 0.00 |
| TP-64       | Q2484-03         | 07/10/2025       | 16:06            | PS030988.D | 7.77         | 0.00 |
| IBLK        | IBLK             | 07/10/2025       | 16:34            | PS030989.D | 7.77         | 0.00 |
| HSTDCCC750  | HSTDCCC750       | 07/10/2025       | 16:59            | PS030990.D | 7.77         | 0.00 |

**COMPOUND DETECTION SUMMARY**

**CLIENT SAMPLE NO.**

**PB168706BS**

**Lab Name:** Alliance

**Contract:** CAMP02

**Lab Code:** ACE

**SDG NO.:** Q2484

**Lab Sample ID:** PB168706BS

**Date(s) Analyzed:** 07/09/2025 07/09/2025

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

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

**GC Column: (1):** RTX-CLP

**ID:** 0.32 (mm)

**GC Column:(2):** RTX-CLP2

**ID:** 0.32 (mm)

| ANALYTE          | COL | RT    | RT WINDOW |       | CONCENTRATION | %RPD |
|------------------|-----|-------|-----------|-------|---------------|------|
|                  |     |       | FROM      | TO    |               |      |
| 2,4,5-T          | 1   | 9.65  | 9.60      | 9.70  | 183           | 9.1  |
|                  | 2   | 10.36 | 10.31     | 10.41 | 167           |      |
| 2,4,5-TP(Silvex) | 1   | 9.36  | 9.31      | 9.41  | 176           | 5.2  |
|                  | 2   | 9.93  | 9.88      | 9.98  | 167           |      |
| 2,4-D            | 1   | 8.47  | 8.42      | 8.52  | 184           | 18.4 |
|                  | 2   | 9.03  | 8.98      | 9.08  | 153           |      |
| 2,4-DB           | 1   | 10.23 | 10.18     | 10.28 | 192           | 17.6 |
|                  | 2   | 10.93 | 10.88     | 10.98 | 161           |      |
| DICHLORPROP      | 1   | 8.24  | 8.19      | 8.29  | 163           | 2.5  |
|                  | 2   | 8.69  | 8.64      | 8.74  | 159           |      |
| Dinoseb          | 1   | 11.45 | 11.40     | 11.50 | 170           | 9.2  |
|                  | 2   | 11.31 | 11.26     | 11.36 | 155           |      |
| DICAMBA          | 1   | 7.53  | 7.48      | 7.58  | 171           | 6    |
|                  | 2   | 7.97  | 7.92      | 8.02  | 161           |      |

**COMPOUND DETECTION SUMMARY**

**CLIENT SAMPLE NO.**

TP-76MS

**Lab Name:** Alliance

**Contract:** CAMP02

**Lab Code:** ACE

**SDG NO.:** Q2484

**Lab Sample ID:** Q2458-01MS

**Date(s) Analyzed:** 07/08/2025 07/08/2025

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

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

**GC Column: (1):** RTX-CLP

**ID:** 0.32 (mm)

**GC Column:(2):** RTX-CLP2

**ID:** 0.32 (mm)

| ANALYTE          | COL | RT    | RT WINDOW |       | CONCENTRATION | %RPD |
|------------------|-----|-------|-----------|-------|---------------|------|
|                  |     |       | FROM      | TO    |               |      |
| DICHLORPROP      | 1   | 8.24  | 8.19      | 8.29  | 95.6          | 7.5  |
|                  | 2   | 8.69  | 8.64      | 8.74  | 103           |      |
| 2,4-D            | 1   | 8.47  | 8.42      | 8.52  | 138           | 37.5 |
|                  | 2   | 9.03  | 8.98      | 9.08  | 94.4          |      |
| 2,4,5-TP(Silvex) | 1   | 9.36  | 9.31      | 9.41  | 95.3          | 2.1  |
|                  | 2   | 9.93  | 9.88      | 9.98  | 97.3          |      |
| 2,4,5-T          | 1   | 9.65  | 9.60      | 9.70  | 99.8          | 9.2  |
|                  | 2   | 10.36 | 10.31     | 10.41 | 91.0          |      |
| 2,4-DB           | 1   | 10.23 | 10.18     | 10.28 | 97.1          | 13.2 |
|                  | 2   | 10.93 | 10.88     | 10.98 | 85.1          |      |
| DICAMBA          | 1   | 7.53  | 7.48      | 7.58  | 86.9          | 2.4  |
|                  | 2   | 7.97  | 7.92      | 8.02  | 84.8          |      |

**COMPOUND DETECTION SUMMARY**

**CLIENT SAMPLE NO.**

**TP-76MSD**

**Lab Name:** Alliance

**Contract:** CAMP02

**Lab Code:** ACE

**SDG NO.:** Q2484

**Lab Sample ID:** Q2458-01MSD

**Date(s) Analyzed:** 07/08/2025 07/08/2025

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

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

**GC Column: (1):** RTX-CLP

**ID:** 0.32 (mm)

**GC Column:(2):** RTX-CLP2

**ID:** 0.32 (mm)

| ANALYTE          | COL | RT    | RT WINDOW |       | CONCENTRATION | %RPD |
|------------------|-----|-------|-----------|-------|---------------|------|
|                  |     |       | FROM      | TO    |               |      |
| DICHLORPROP      | 1   | 8.24  | 8.19      | 8.29  | 95.0          | 4.4  |
|                  | 2   | 8.69  | 8.64      | 8.74  | 99.3          |      |
| 2,4-D            | 1   | 8.47  | 8.42      | 8.52  | 139           | 37.2 |
|                  | 2   | 9.03  | 8.98      | 9.08  | 95.4          |      |
| 2,4,5-TP(Silvex) | 1   | 9.36  | 9.31      | 9.41  | 95.9          | 0.9  |
|                  | 2   | 9.94  | 9.89      | 9.99  | 96.8          |      |
| 2,4,5-T          | 1   | 9.66  | 9.61      | 9.71  | 101           | 11.1 |
|                  | 2   | 10.36 | 10.31     | 10.41 | 90.4          |      |
| 2,4-DB           | 1   | 10.23 | 10.18     | 10.28 | 95.5          | 3.4  |
|                  | 2   | 10.93 | 10.88     | 10.98 | 98.8          |      |
| DICAMBA          | 1   | 7.53  | 7.48      | 7.58  | 88.8          | 2.9  |
|                  | 2   | 7.97  | 7.92      | 8.02  | 86.3          |      |



# QC SAMPLE DATA



## Report of Analysis

|                    |                            |                    |                    |
|--------------------|----------------------------|--------------------|--------------------|
| Client:            | CDM Smith                  | Date Collected:    |                    |
| Project:           | South River WM Replacement | Date Received:     |                    |
| Client Sample ID:  | PB168706BL                 | SDG No.:           | Q2484              |
| Lab Sample ID:     | PB168706BL                 | Matrix:            | SOIL               |
| Analytical Method: | 8151A                      | % Solid:           | 100      Decanted: |
| Sample Wt/Vol:     | 30.01      Units:    g     | Final Vol:         | 10000      uL      |
| Soil Aliquot Vol:  | uL                         | Test:              | Herbicide          |
| Extraction Type:   |                            | Injection Volume : |                    |
| GPC Factor :       | 1.0      PH :              |                    |                    |
| Prep Method :      | 8151A                      |                    |                    |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030947.D        | 1         | 07/02/25 11:30 | 07/08/25 12:19 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 7.70  | U         | 7.70     | 67.0       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 12.8  | U         | 12.8     | 67.0       | ug/Kg             |
| 94-75-7           | 2,4-D             | 9.00  | U         | 9.00     | 67.0       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 9.10  | U         | 9.10     | 67.0       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 8.70  | U         | 8.70     | 67.0       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 24.2  | U         | 24.2     | 67.0       | ug/Kg             |
| 88-85-7           | DINOSEB           | 10.8  | U         | 10.8     | 67.0       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 489   |           | 10 - 141 | 98%        | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
Data File : PS030947.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 12:19  
Operator : AR\AJ  
Sample : PB168706BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
PB168706BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 01:36:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 4) S 2,4-DCAA               | 7.335 | 7.765 | 1659.7E6 | 524.6E6 | 451.684 | 489.360 |

Target Compounds

-----

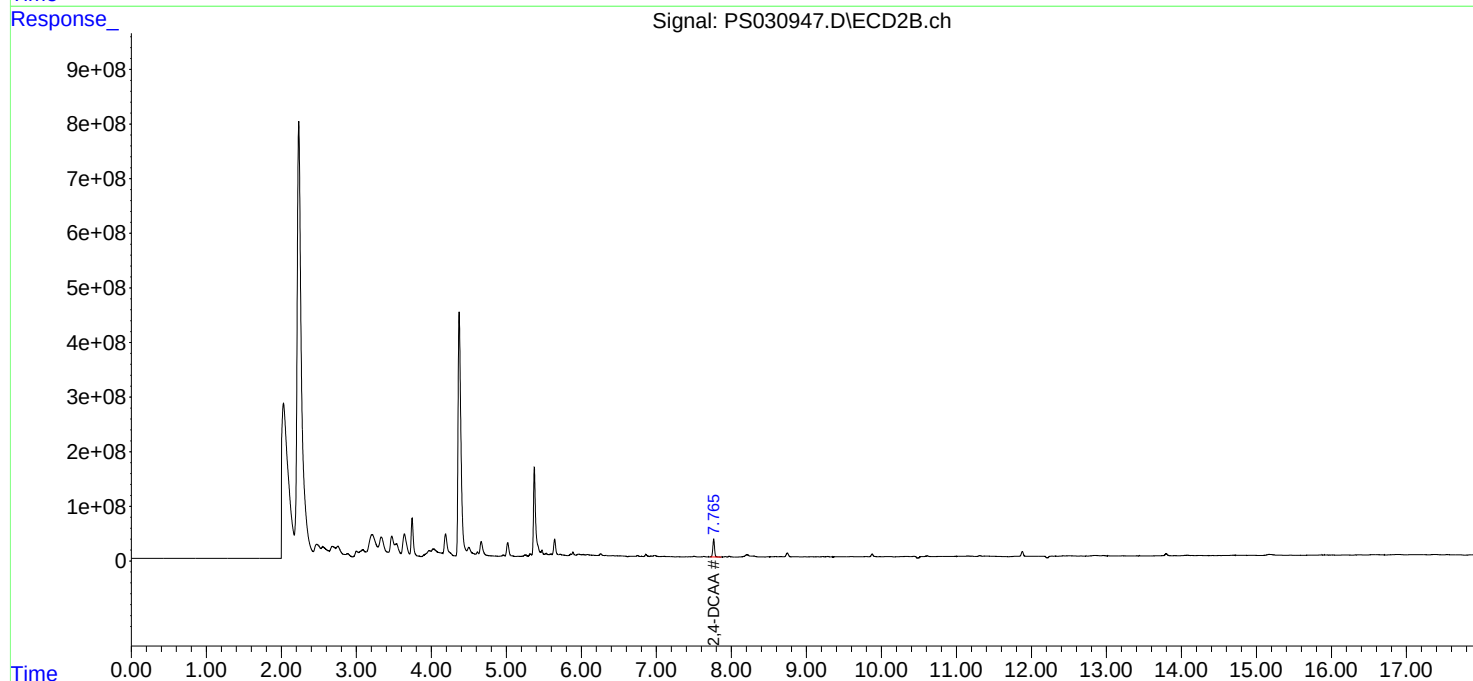
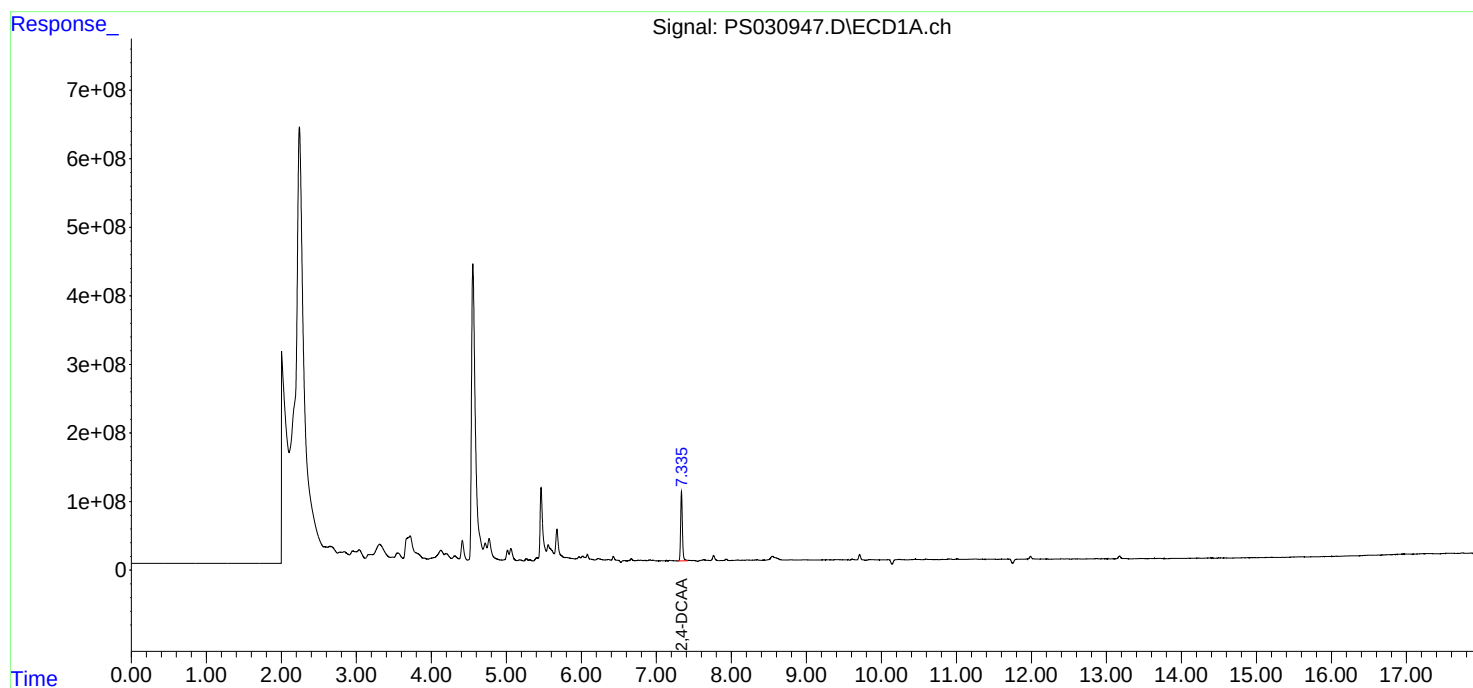
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

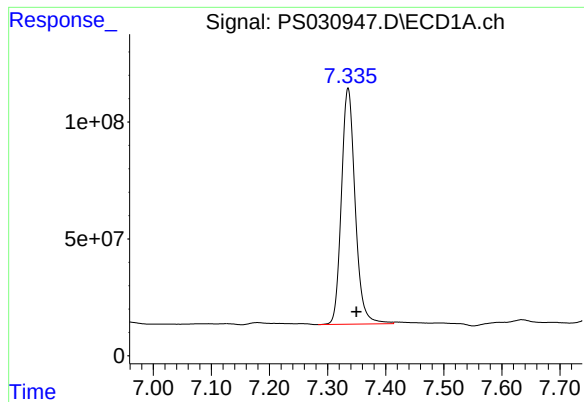
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
Data File : PS030947.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 12:19  
Operator : AR\AJ  
Sample : PB168706BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
PB168706BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 01:36:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

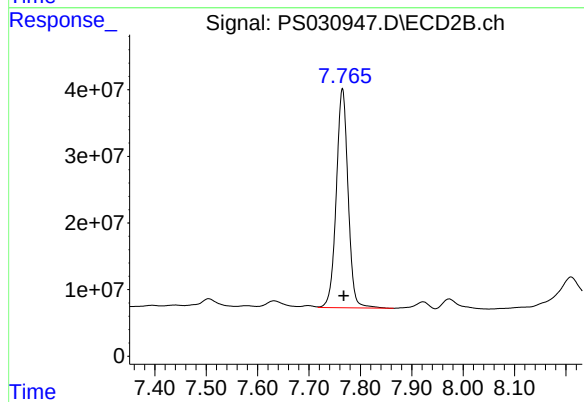




#4 2,4-DCAA

R.T.: 7.335 min  
Delta R.T.: -0.014 min  
Response: 1659666200  
Conc: 451.68 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB168706BL



#4 2,4-DCAA

R.T.: 7.765 min  
Delta R.T.: -0.003 min  
Response: 524575714  
Conc: 489.36 ng/ml

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 06/18/25  |
| Project:           | South River WM Replacement | Date Received:     | 06/18/25  |
| Client Sample ID:  | PIBLK-PS030738.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030738.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030738.D        | 1         |           | 06/18/25      | PS061825      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 487   |           | 61 - 136 | 97%        | SPK: 500 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
Data File : PS030738.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2025 11:01  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 19 05:14:19 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

System Monitoring Compounds

|      |          |       |       |          |         |         |         |
|------|----------|-------|-------|----------|---------|---------|---------|
| 4) S | 2,4-DCAA | 7.349 | 7.770 | 1521.1E6 | 522.5E6 | 413.971 | 487.438 |
|------|----------|-------|-------|----------|---------|---------|---------|

Target Compounds

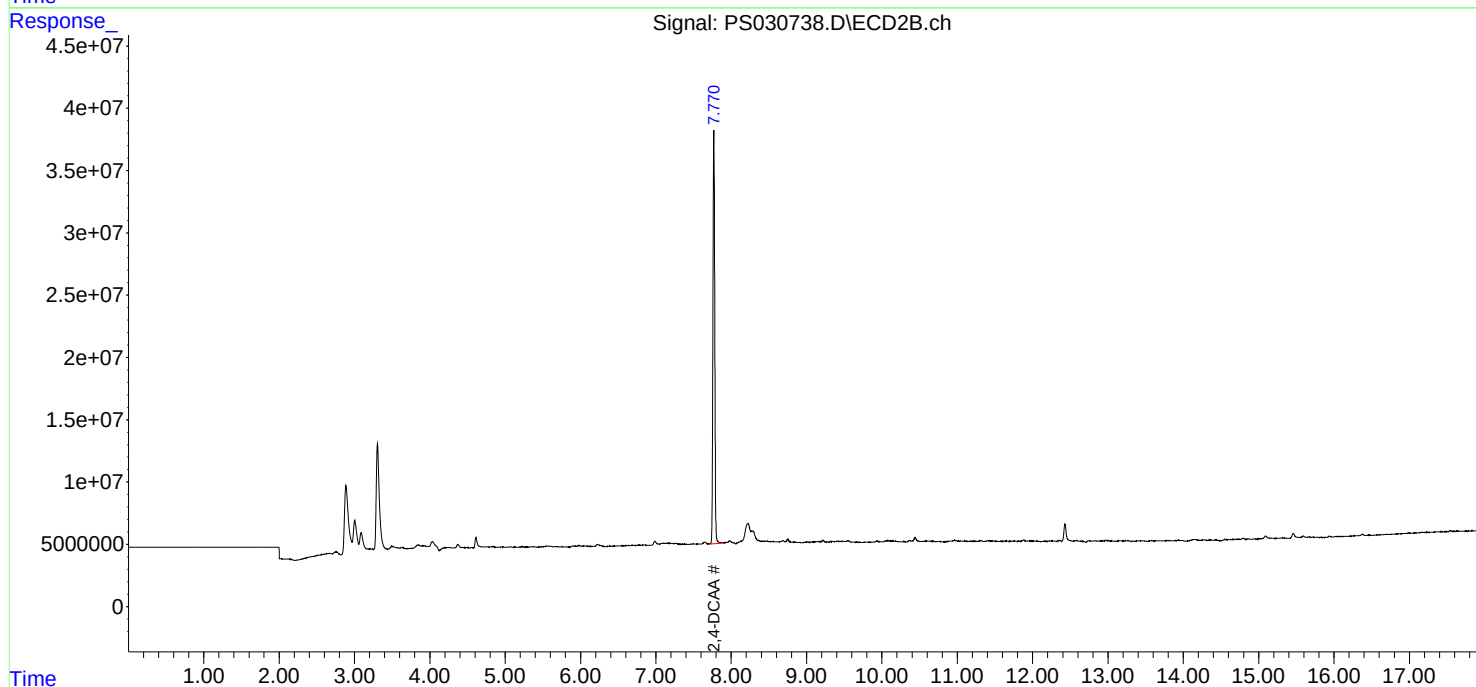
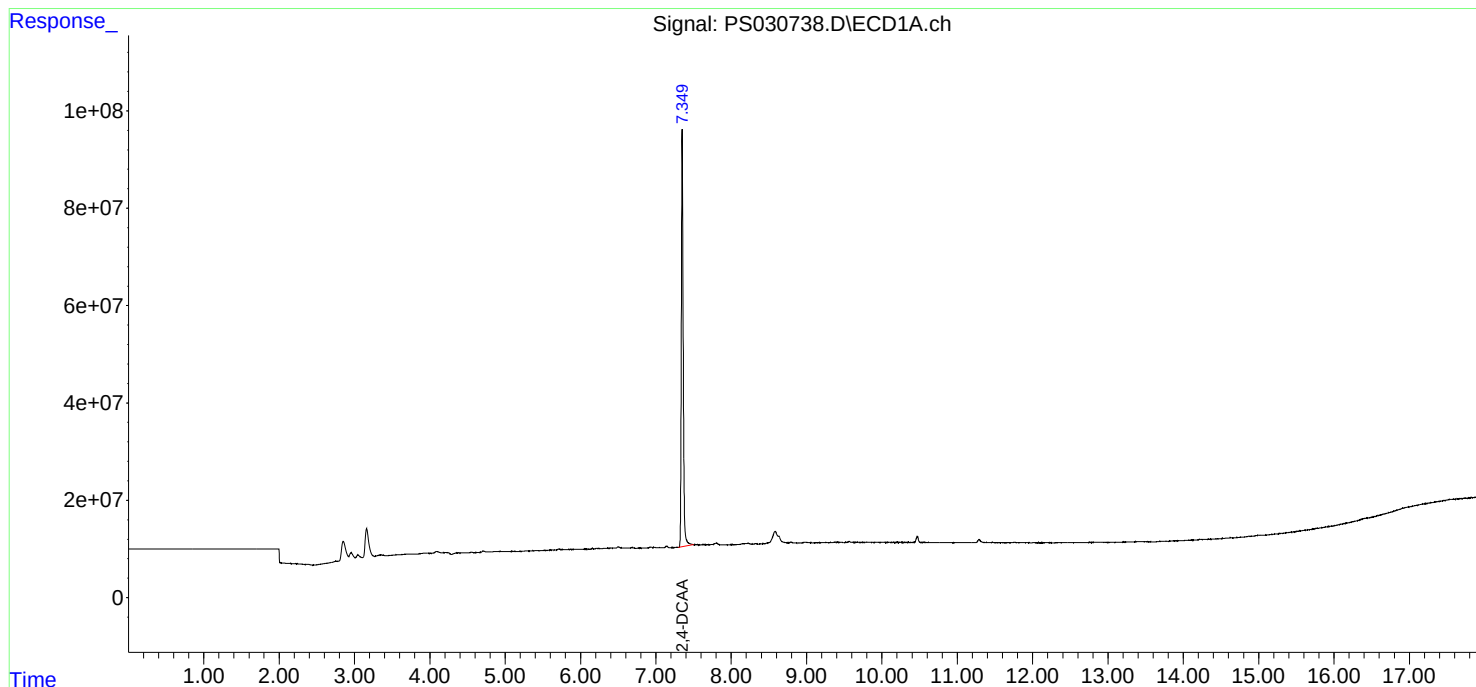
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

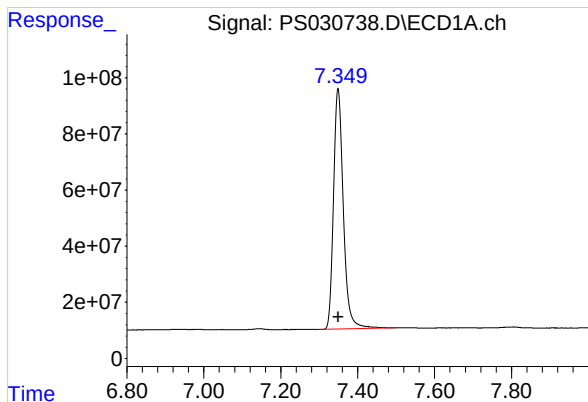
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
Data File : PS030738.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2025 11:01  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 19 05:14:19 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 7.349 min

Delta R.T.: 0.000 min

Response: 1521092313

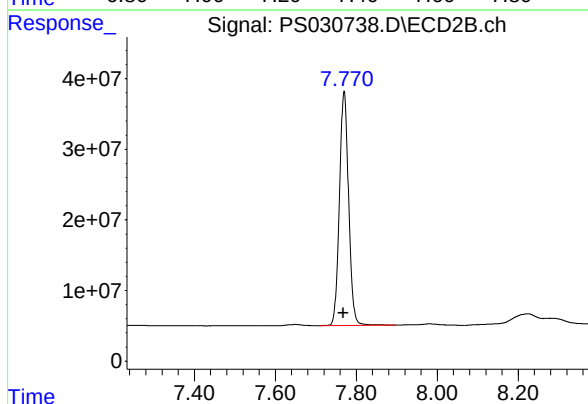
Conc: 413.97 ng/ml

Instrument :

ECD\_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.770 min

Delta R.T.: 0.002 min

Response: 522516165

Conc: 487.44 ng/ml



## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/07/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/07/25  |
| Client Sample ID:  | PIBLK-PS030931.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030931.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030931.D        | 1         |           | 07/07/25      | PS070725      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 497   |           | 61 - 136 | 99%        | SPK: 500 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030931.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 20:48  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 01:52:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 4) S 2,4-DCAA               | 7.336 | 7.766 | 1725.5E6 | 532.6E6 | 469.611 | 496.851 |

Target Compounds

-----

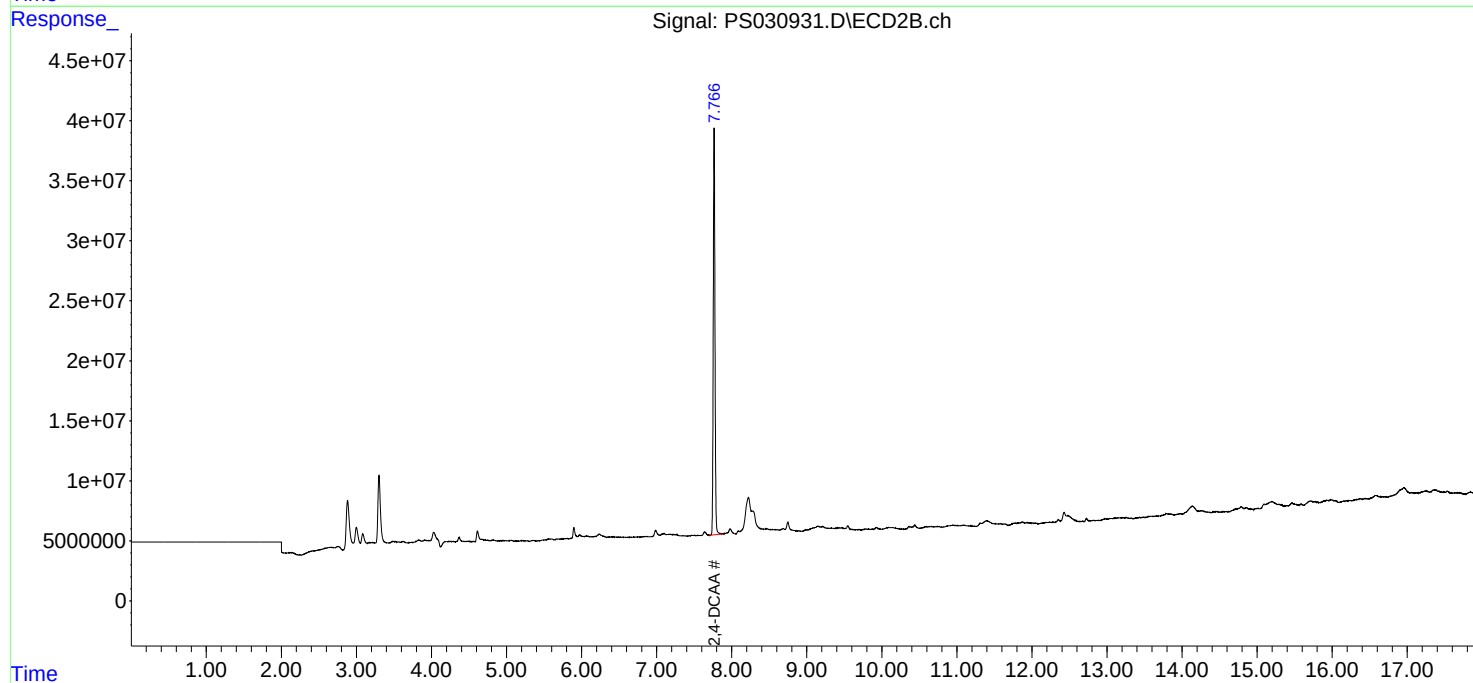
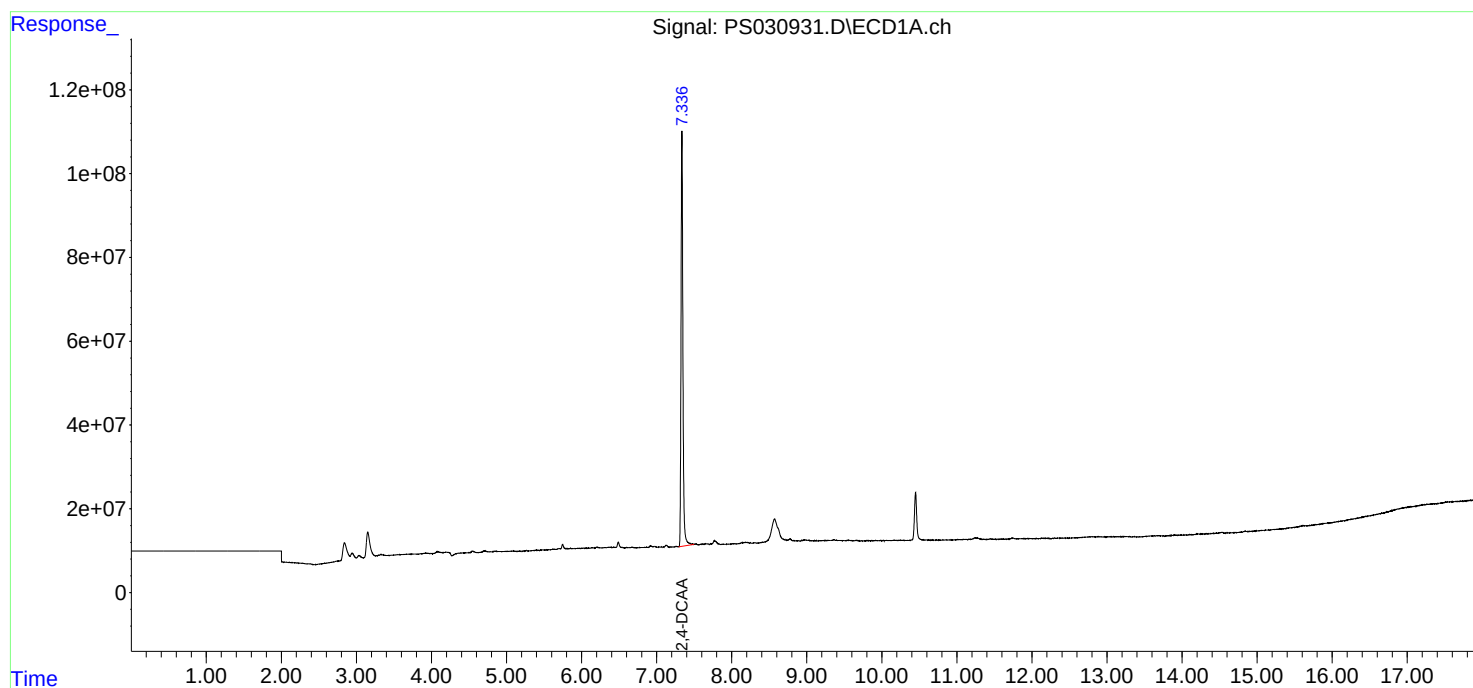
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

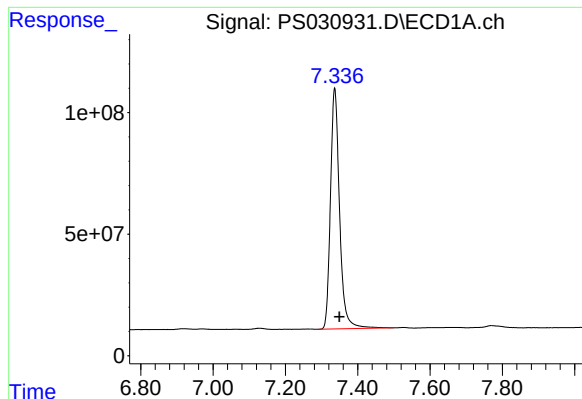
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030931.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 20:48  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 01:52:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

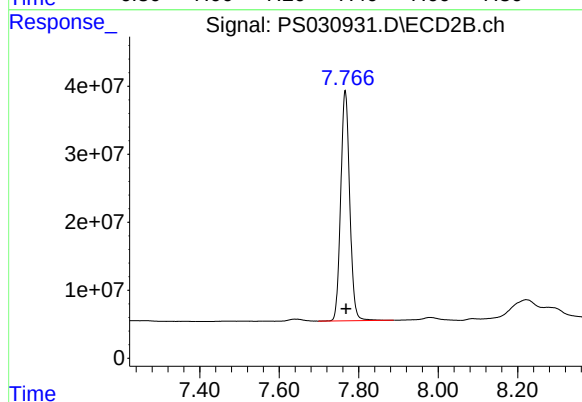




#4 2,4-DCAA

R.T.: 7.336 min  
Delta R.T.: -0.013 min  
Response: 1725536378  
Conc: 469.61 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK



#4 2,4-DCAA

R.T.: 7.766 min  
Delta R.T.: -0.002 min  
Response: 532606126  
Conc: 496.85 ng/ml

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/08/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/08/25  |
| Client Sample ID:  | PIBLK-PS030940.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030940.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030940.D        | 1         |           | 07/08/25      | PS070725      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 494   |           | 61 - 136 | 99%        | SPK: 500 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030940.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 00:50  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 01:54:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 4) S 2,4-DCAA               | 7.336 | 7.766 | 1732.6E6 | 529.0E6 | 471.534 | 493.520 |

Target Compounds

-----

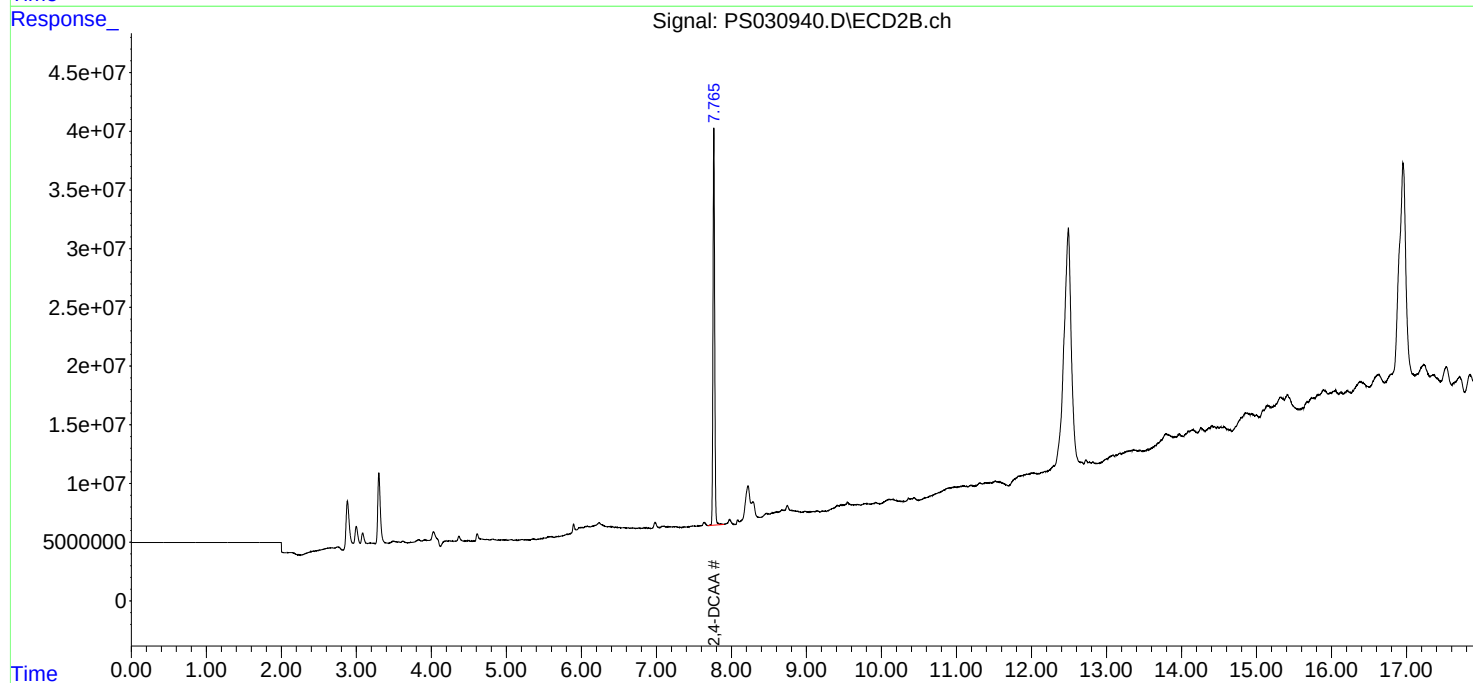
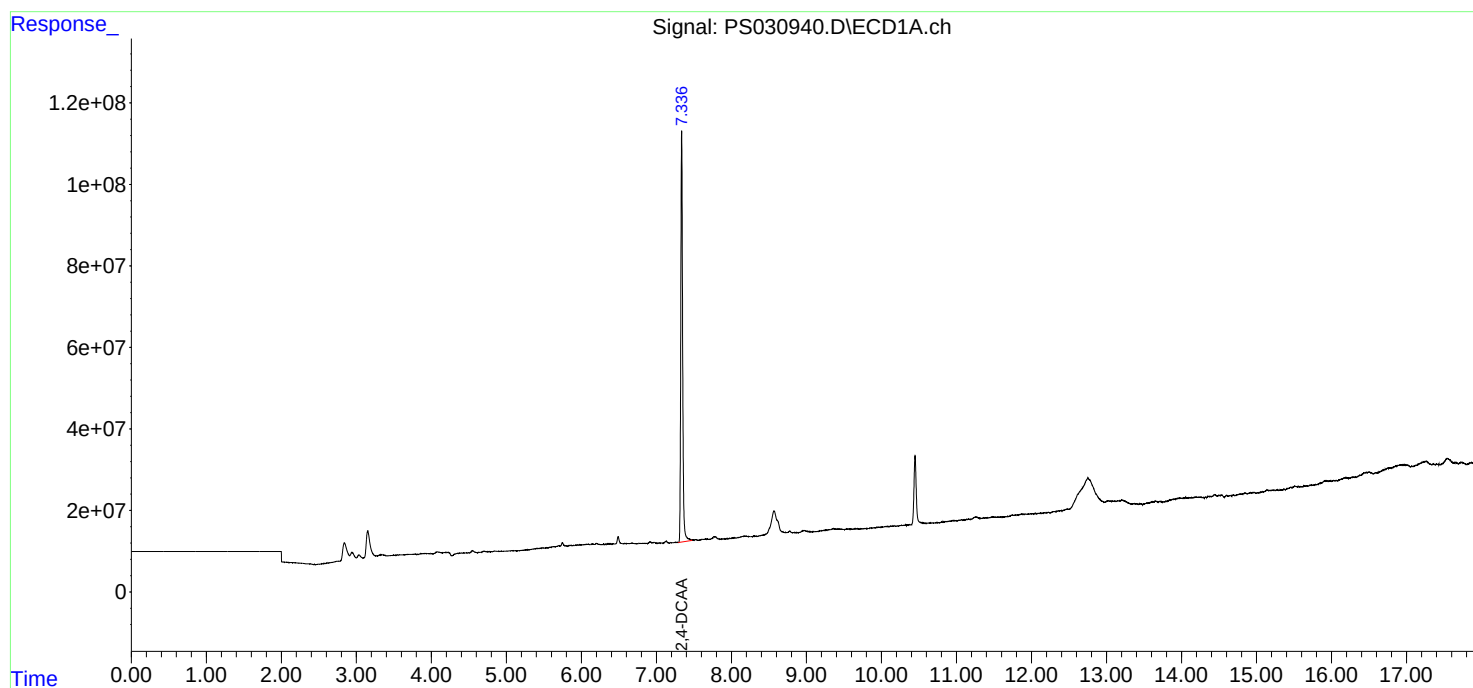
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

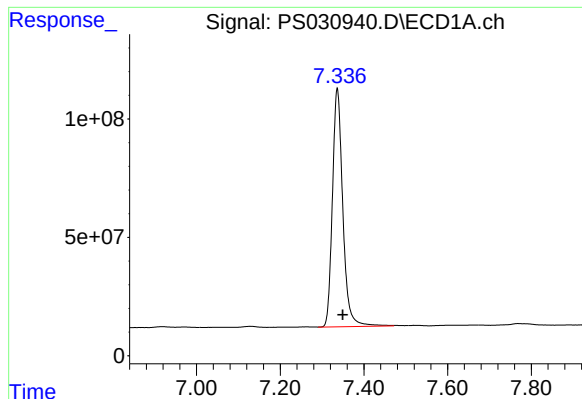
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070725\  
Data File : PS030940.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 00:50  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 01:54:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

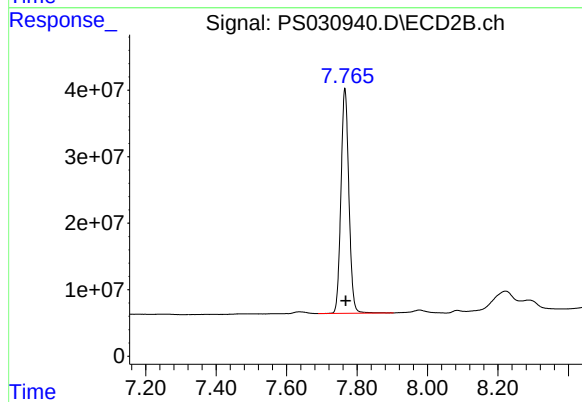




#4 2,4-DCAA

R.T.: 7.336 min  
Delta R.T.: -0.013 min  
Response: 1732600970  
Conc: 471.53 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK



#4 2,4-DCAA

R.T.: 7.766 min  
Delta R.T.: -0.002 min  
Response: 529035257  
Conc: 493.52 ng/ml



## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/08/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/08/25  |
| Client Sample ID:  | PIBLK-PS030943.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030943.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030943.D        | 1         |           | 07/08/25      | PS070825      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 497   |           | 61 - 136 | 99%        | SPK: 500 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
Data File : PS030943.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 08:37  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 12:02:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 4) S 2,4-DCAA               | 7.336 | 7.764 | 1768.3E6 | 533.2E6 | 481.240 | 497.440 |

Target Compounds

-----

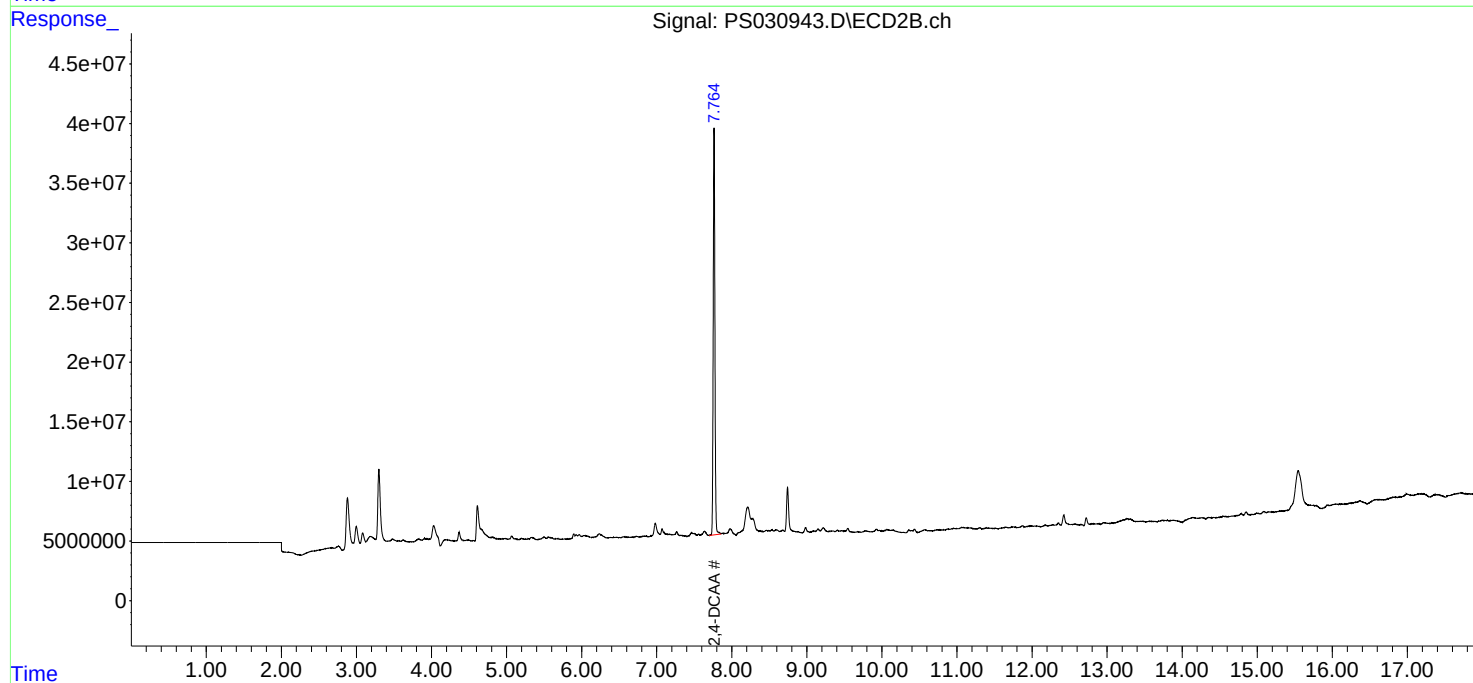
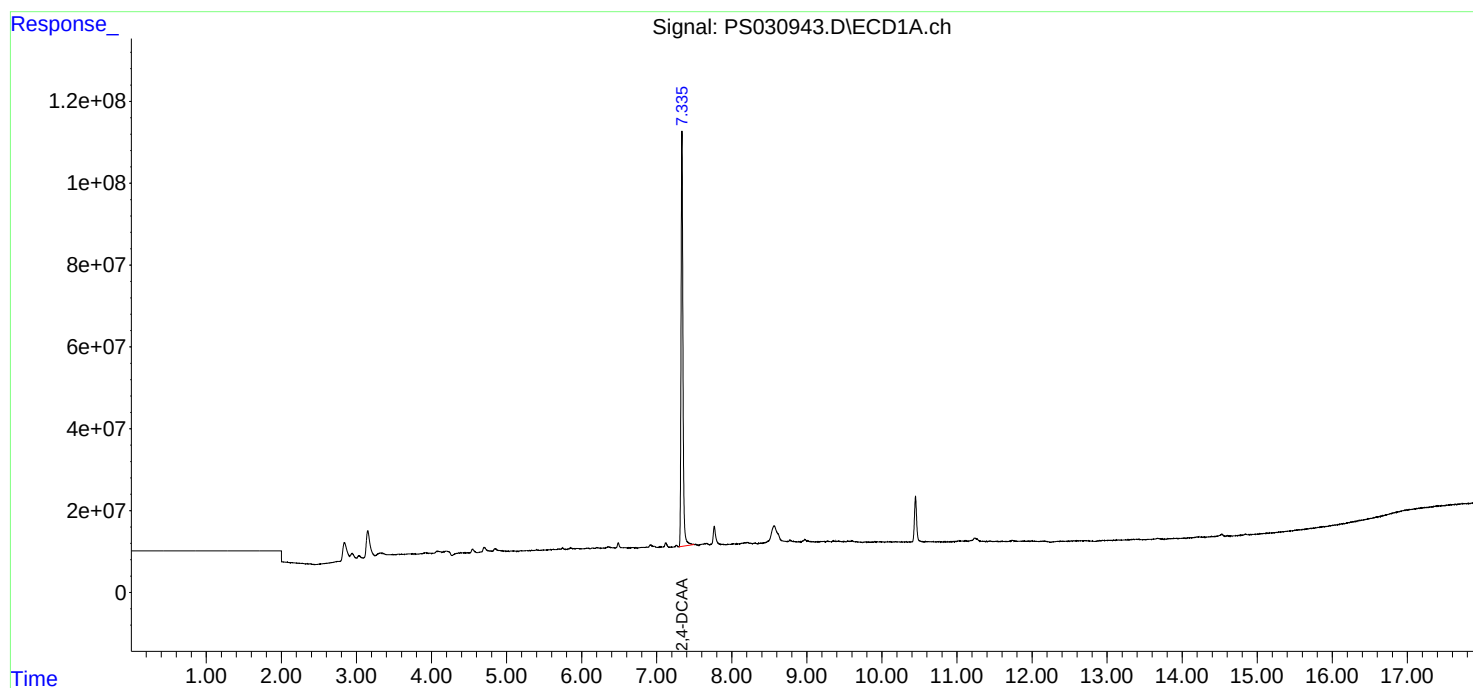
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

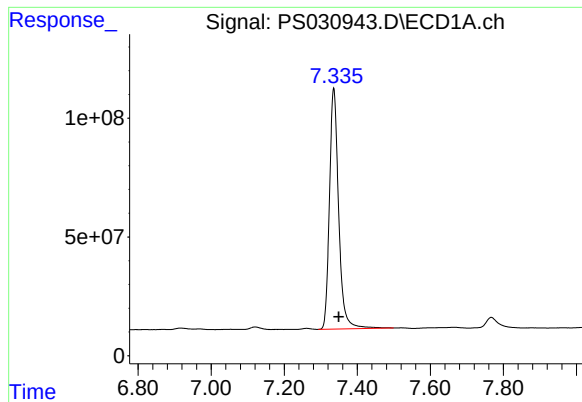
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
Data File : PS030943.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 08:37  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 12:02:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

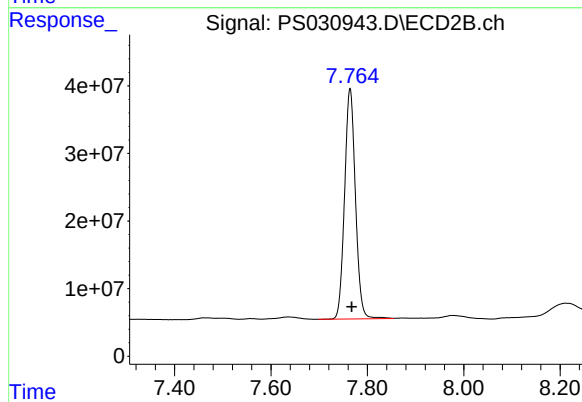




#4 2,4-DCAA

R.T.: 7.336 min  
Delta R.T.: -0.014 min  
Response: 1768267516  
Conc: 481.24 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK



#4 2,4-DCAA

R.T.: 7.764 min  
Delta R.T.: -0.004 min  
Response: 533237384  
Conc: 497.44 ng/ml

## Report of Analysis

|                    |                            |           |                    |           |           |
|--------------------|----------------------------|-----------|--------------------|-----------|-----------|
| Client:            | CDM Smith                  |           | Date Collected:    | 07/08/25  |           |
| Project:           | South River WM Replacement |           | Date Received:     | 07/08/25  |           |
| Client Sample ID:  | PIBLK-PS030955.D           |           | SDG No.:           | Q2484     |           |
| Lab Sample ID:     | I.BLK-PS030955.D           |           | Matrix:            | WATER     |           |
| Analytical Method: | 8151A                      |           | % Solid:           | 0         | Decanted: |
| Sample Wt/Vol:     | 1000                       | Units: mL | Final Vol:         | 10000     | uL        |
| Soil Aliquot Vol:  |                            | uL        | Test:              | Herbicide |           |
| Extraction Type:   |                            |           | Injection Volume : |           |           |
| GPC Factor :       | 1.0                        | PH :      |                    |           |           |
| Prep Method :      | SW3510C                    |           |                    |           |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030955.D        | 1         |           | 07/08/25      | ps070825      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 469   |           | 61 - 136 | 94%        | SPK: 500 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
Data File : PS030955.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 15:41  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 01:38:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 4) S 2,4-DCAA               | 7.337 | 7.770 | 1673.0E6 | 503.2E6 | 455.318 | 469.375 |

Target Compounds

-----

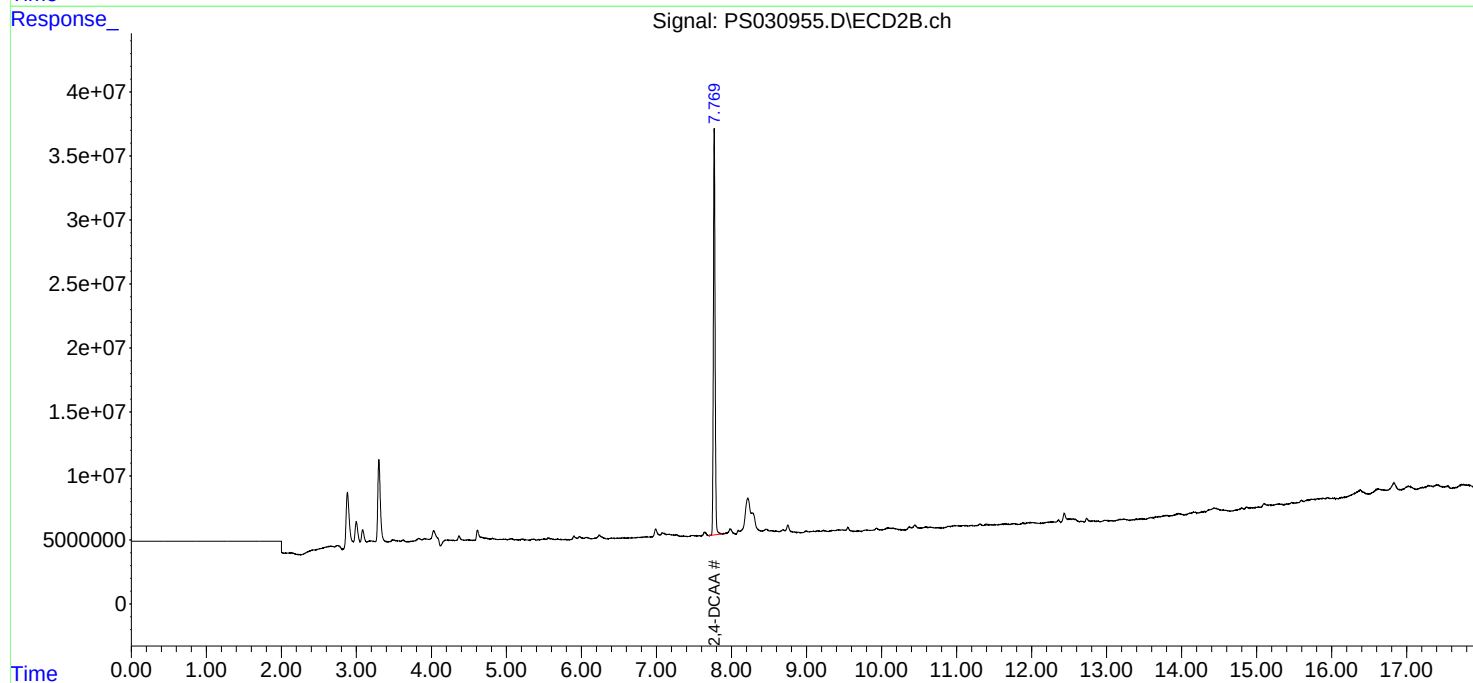
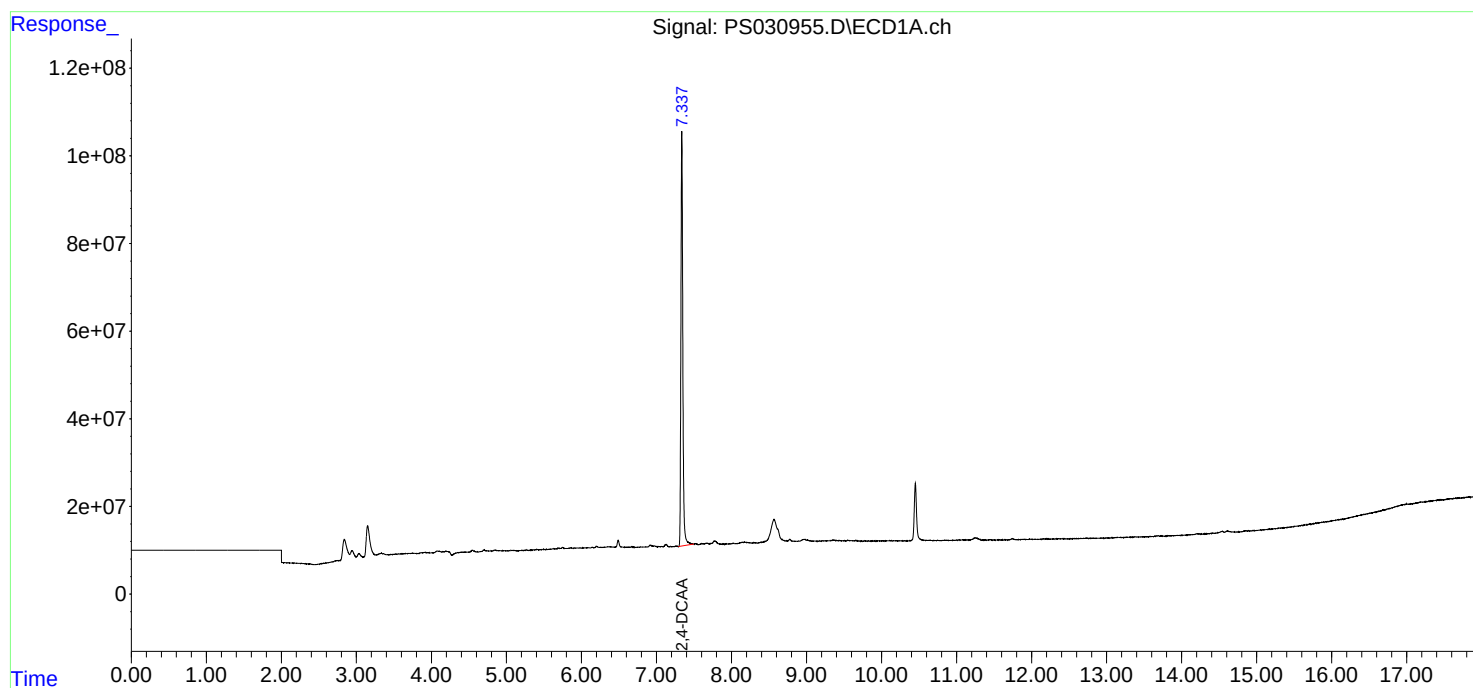
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

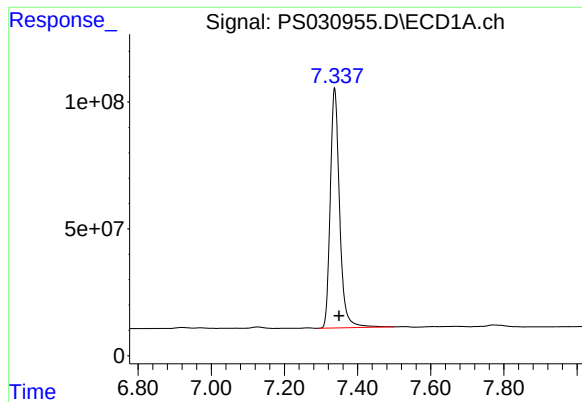
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
Data File : PS030955.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 15:41  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 01:38:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 7.337 min

Delta R.T.: -0.012 min

Response: 1673018274

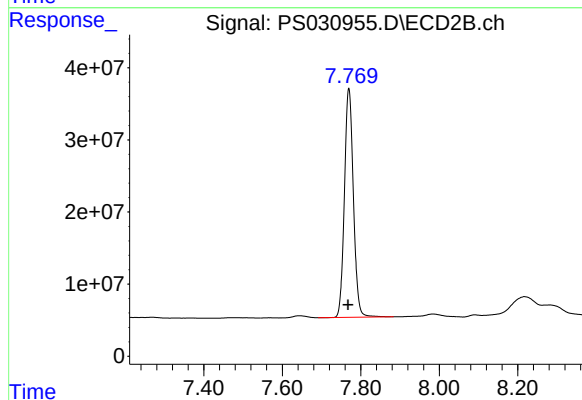
Conc: 455.32 ng/ml

Instrument :

ECD\_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.770 min

Delta R.T.: 0.002 min

Response: 503153070

Conc: 469.38 ng/ml



## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/09/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/09/25  |
| Client Sample ID:  | PIBLK-PS030958.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030958.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030958.D        | 1         |           | 07/09/25      | PS070925      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 462   |           | 61 - 136 | 92%        | SPK: 500 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070925\  
Data File : PS030958.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2025 09:32  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 14:13:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 4) S 2,4-DCAA               | 7.337 | 7.769 | 1674.8E6 | 495.3E6 | 455.812 | 462.043 |

Target Compounds

-----

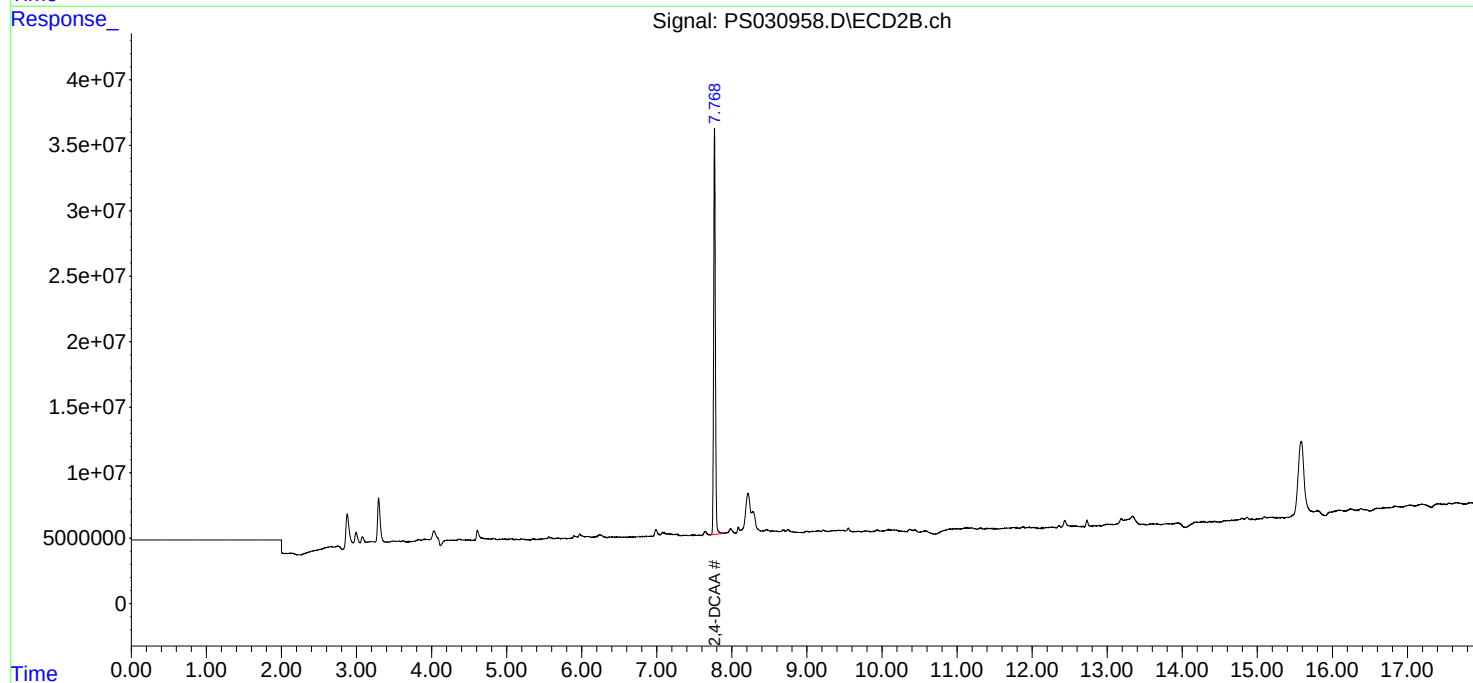
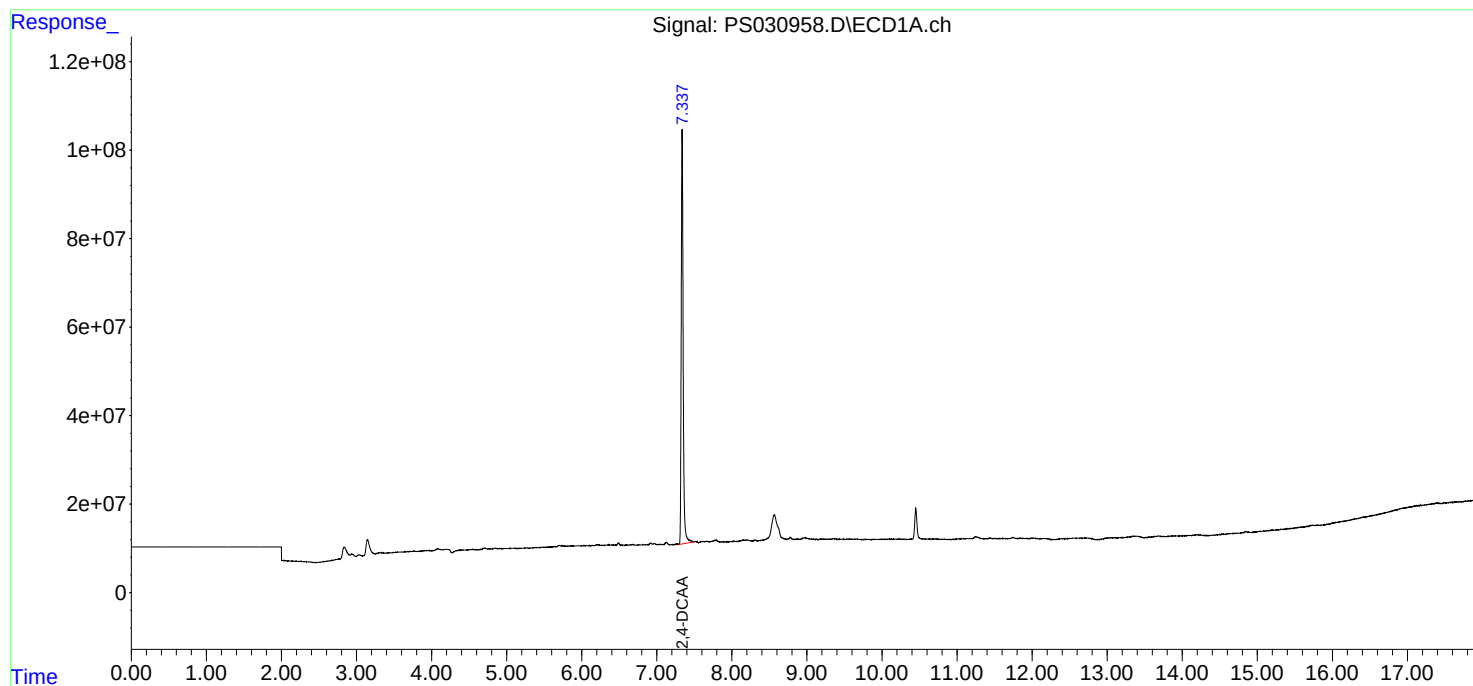
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

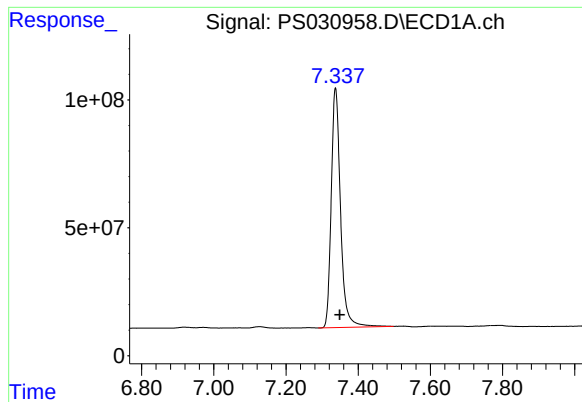
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070925\  
Data File : PS030958.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2025 09:32  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 14:13:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

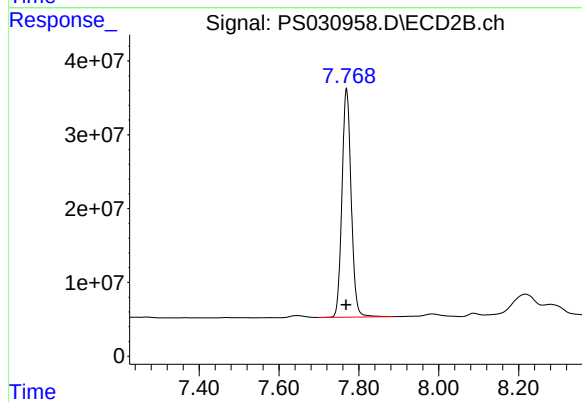




#4 2,4-DCAA

R.T.: 7.337 min  
Delta R.T.: -0.012 min  
Response: 1674833902  
Conc: 455.81 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK



#4 2,4-DCAA

R.T.: 7.769 min  
Delta R.T.: 0.001 min  
Response: 495293715  
Conc: 462.04 ng/ml

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/09/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/09/25  |
| Client Sample ID:  | PIBLK-PS030966.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030966.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030966.D        | 1         |           | 07/09/25      | ps070925      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 467   |           | 61 - 136 | 93%        | SPK: 500 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070925\  
Data File : PS030966.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2025 14:28  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 01:42:31 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 4) S 2,4-DCAA               | 7.337 | 7.769 | 1649.5E6 | 500.8E6 | 448.914 | 467.135 |

Target Compounds

-----

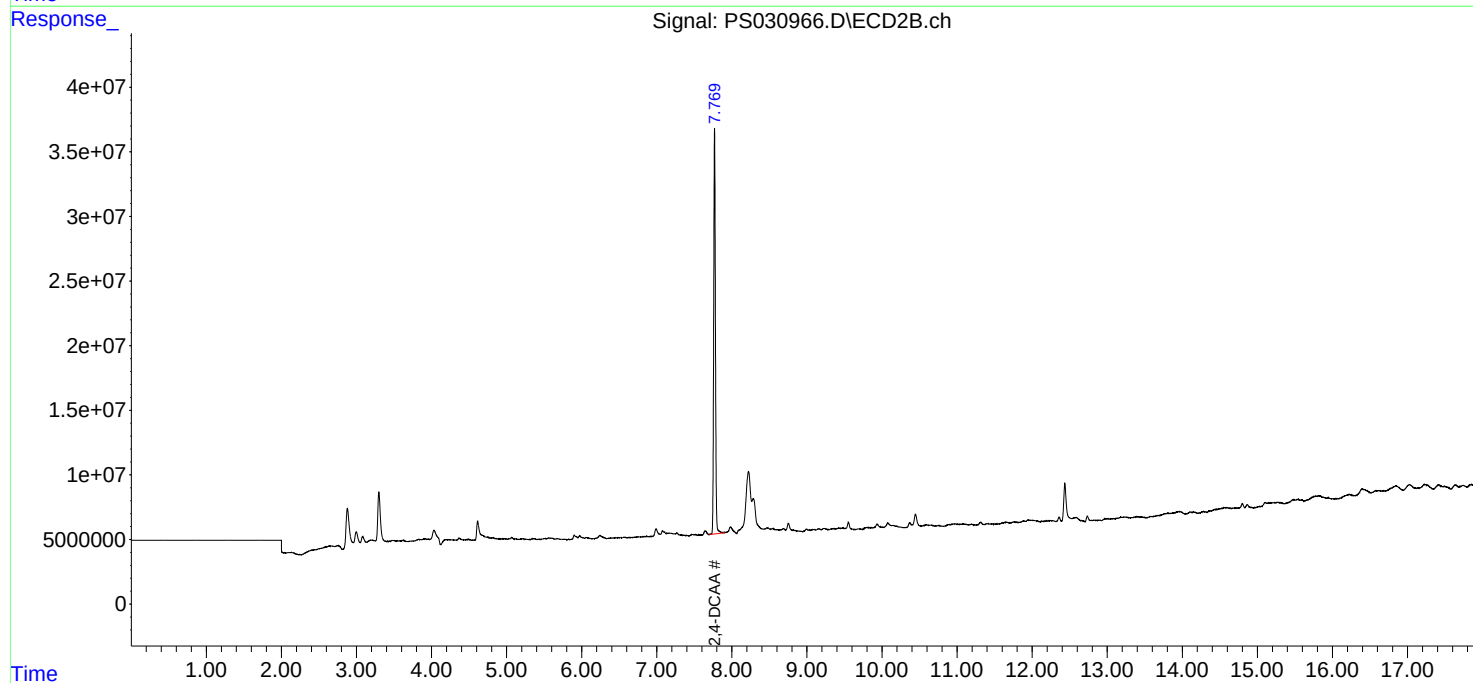
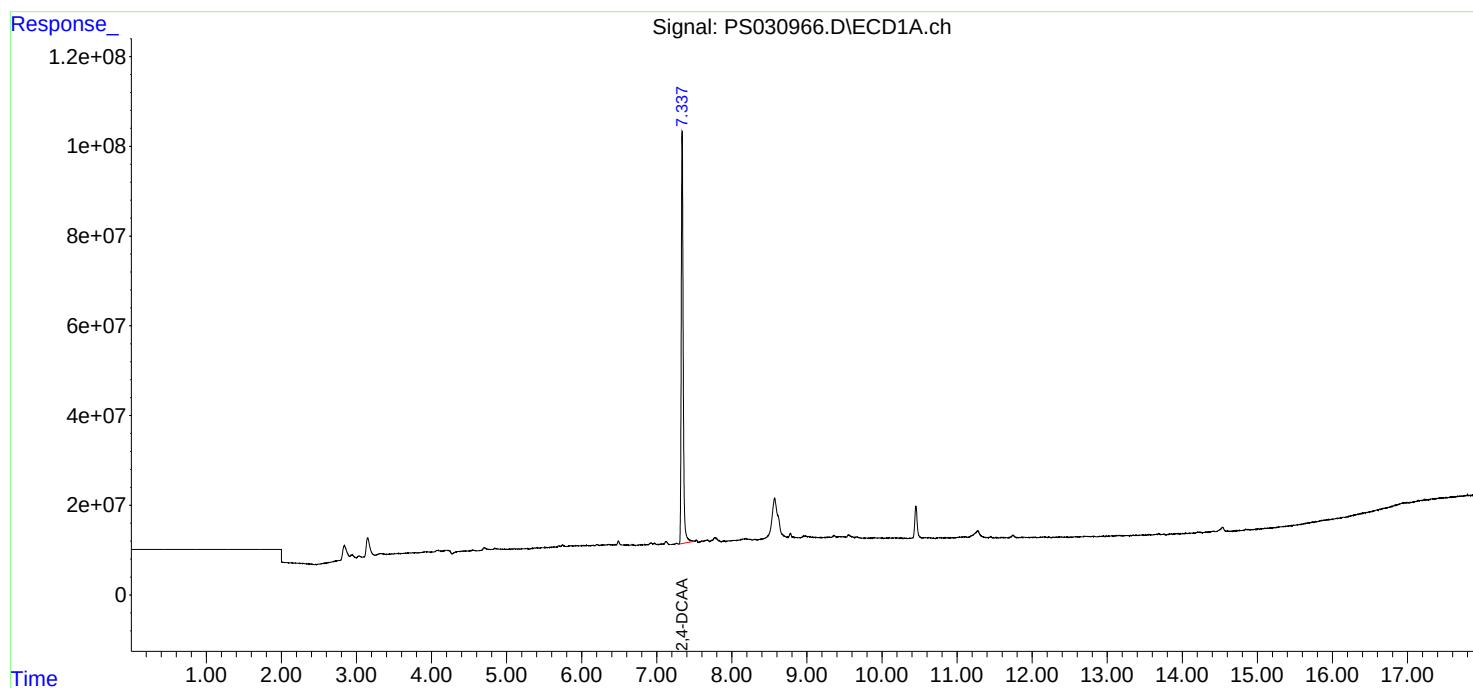
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

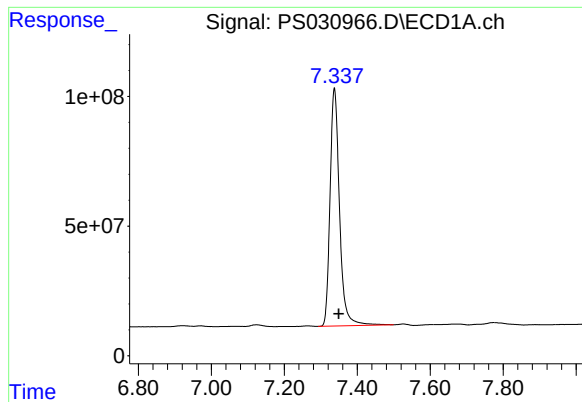
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070925\  
Data File : PS030966.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2025 14:28  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 01:42:31 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

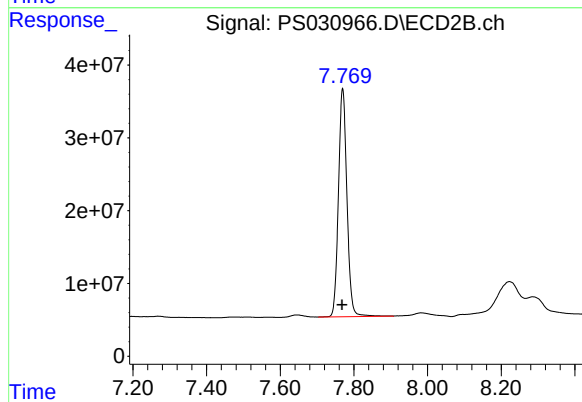




#4 2,4-DCAA

R.T.: 7.337 min  
Delta R.T.: -0.012 min  
Response: 1649487038  
Conc: 448.91 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK



#4 2,4-DCAA

R.T.: 7.769 min  
Delta R.T.: 0.002 min  
Response: 500751864  
Conc: 467.14 ng/ml



## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/10/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/10/25  |
| Client Sample ID:  | PIBLK-PS030979.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030979.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030979.D        | 1         |           | 07/10/25      | ps071025      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 474   |           | 61 - 136 | 95%        | SPK: 500 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071025\  
Data File : PS030979.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2025 09:24  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 22:54:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

System Monitoring Compounds

|      |          |       |       |          |         |         |         |
|------|----------|-------|-------|----------|---------|---------|---------|
| 4) S | 2,4-DCAA | 7.336 | 7.768 | 1742.3E6 | 507.1E6 | 474.166 | 473.051 |
|------|----------|-------|-------|----------|---------|---------|---------|

Target Compounds

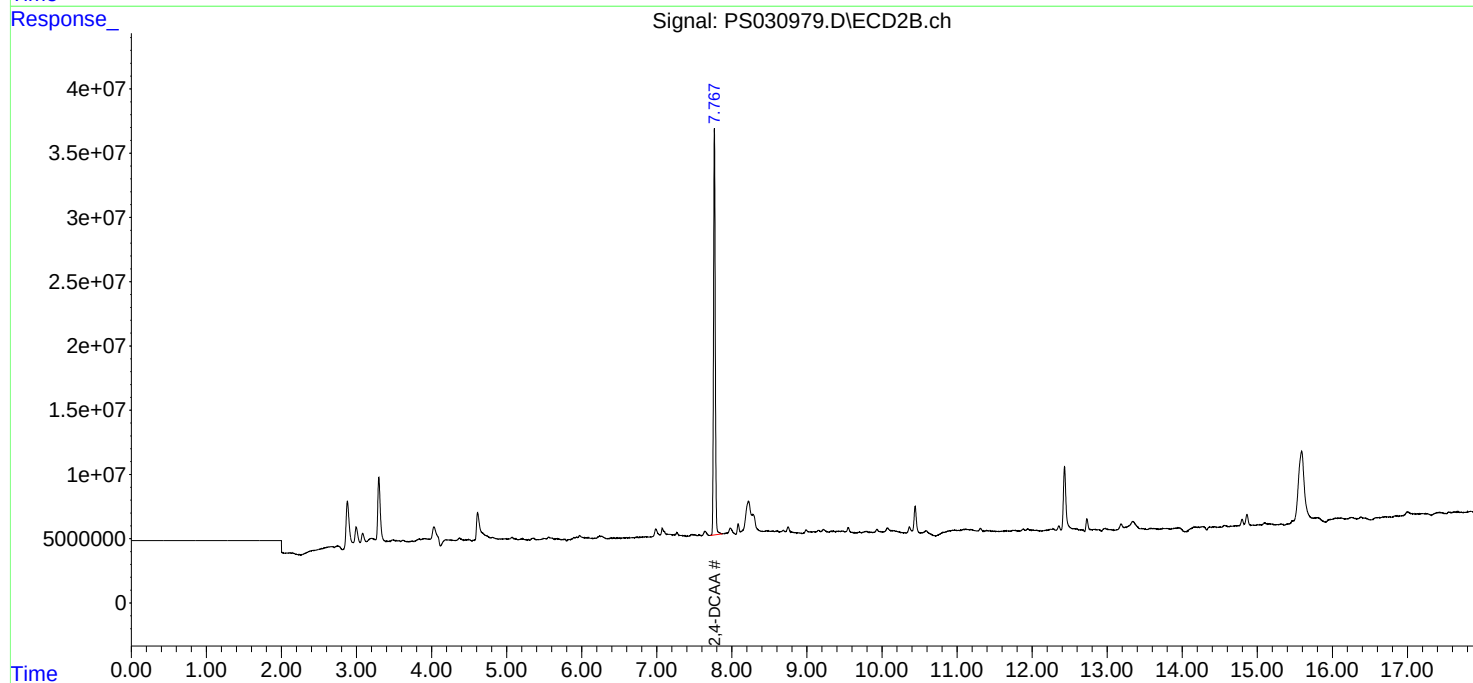
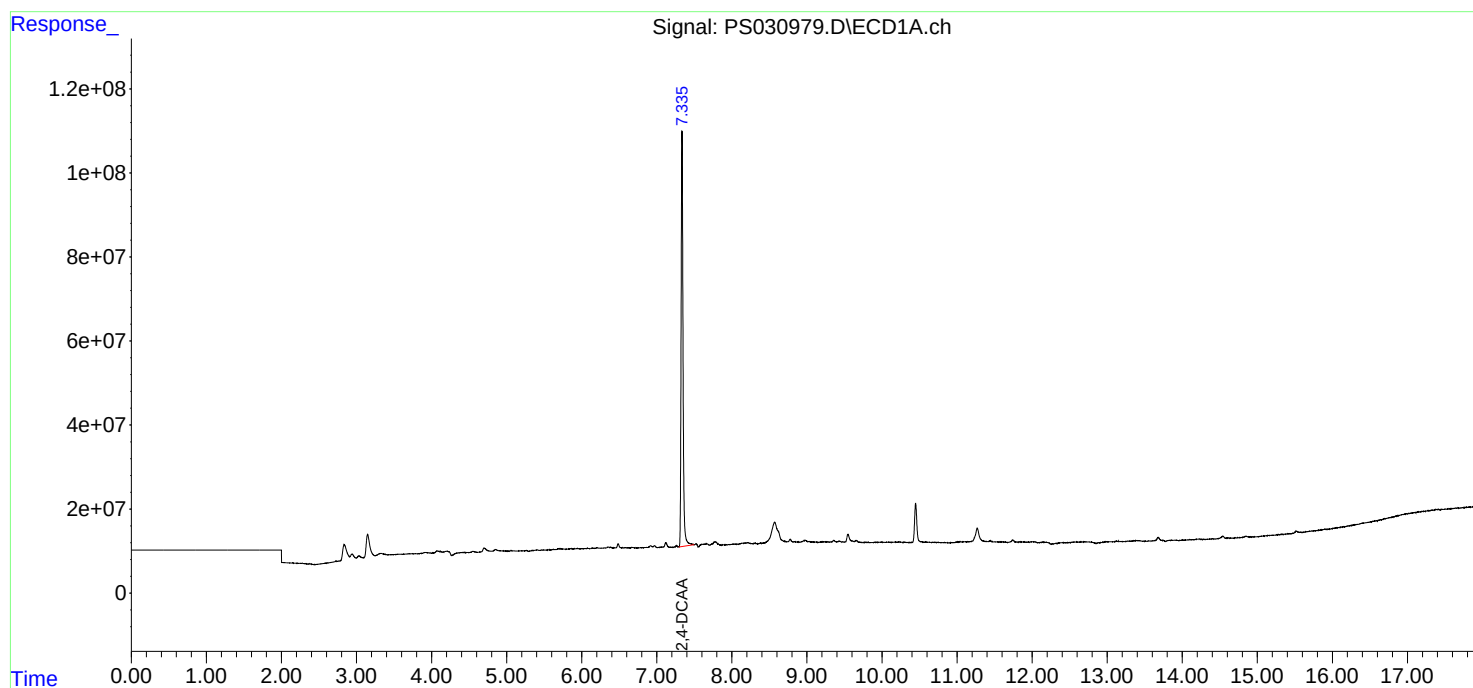
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

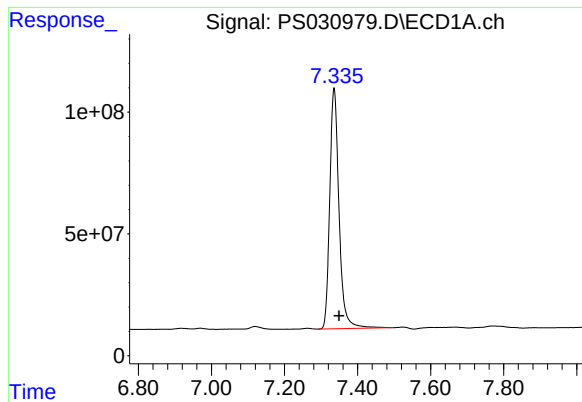
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071025\  
Data File : PS030979.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2025 09:24  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 22:54:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 7.336 min

Delta R.T.: -0.014 min

Response: 1742272074

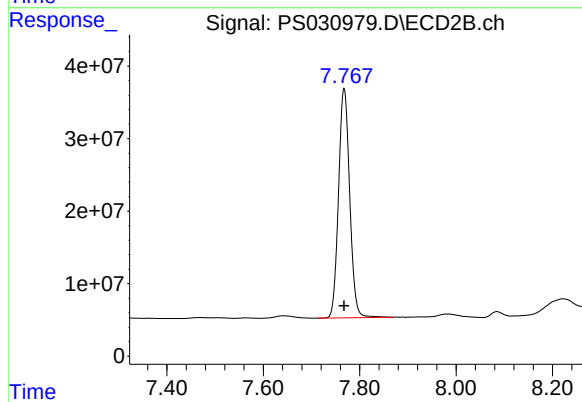
Conc: 474.17 ng/ml

Instrument :

ECD\_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.768 min

Delta R.T.: 0.000 min

Response: 507093052

Conc: 473.05 ng/ml

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/10/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/10/25  |
| Client Sample ID:  | PIBLK-PS030989.D           | SDG No.:           | Q2484     |
| Lab Sample ID:     | I.BLK-PS030989.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS030989.D        | 1         |           | 07/10/25      | ps071025      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 476   |           | 61 - 136 | 95%        | SPK: 500 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071025\  
Data File : PS030989.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2025 16:34  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 06:46:50 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 4) S 2,4-DCAA               | 7.336 | 7.767 | 1748.0E6 | 510.2E6 | 475.728 | 475.916 |

Target Compounds

-----

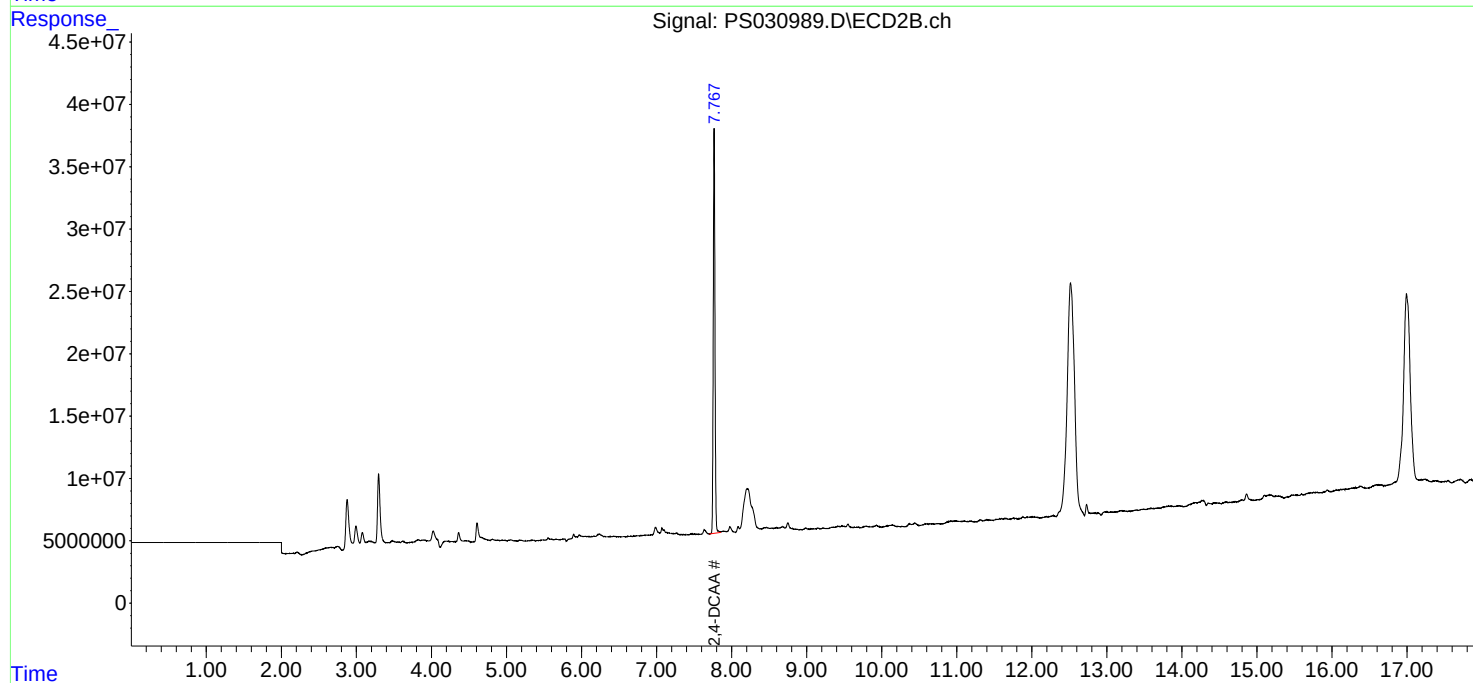
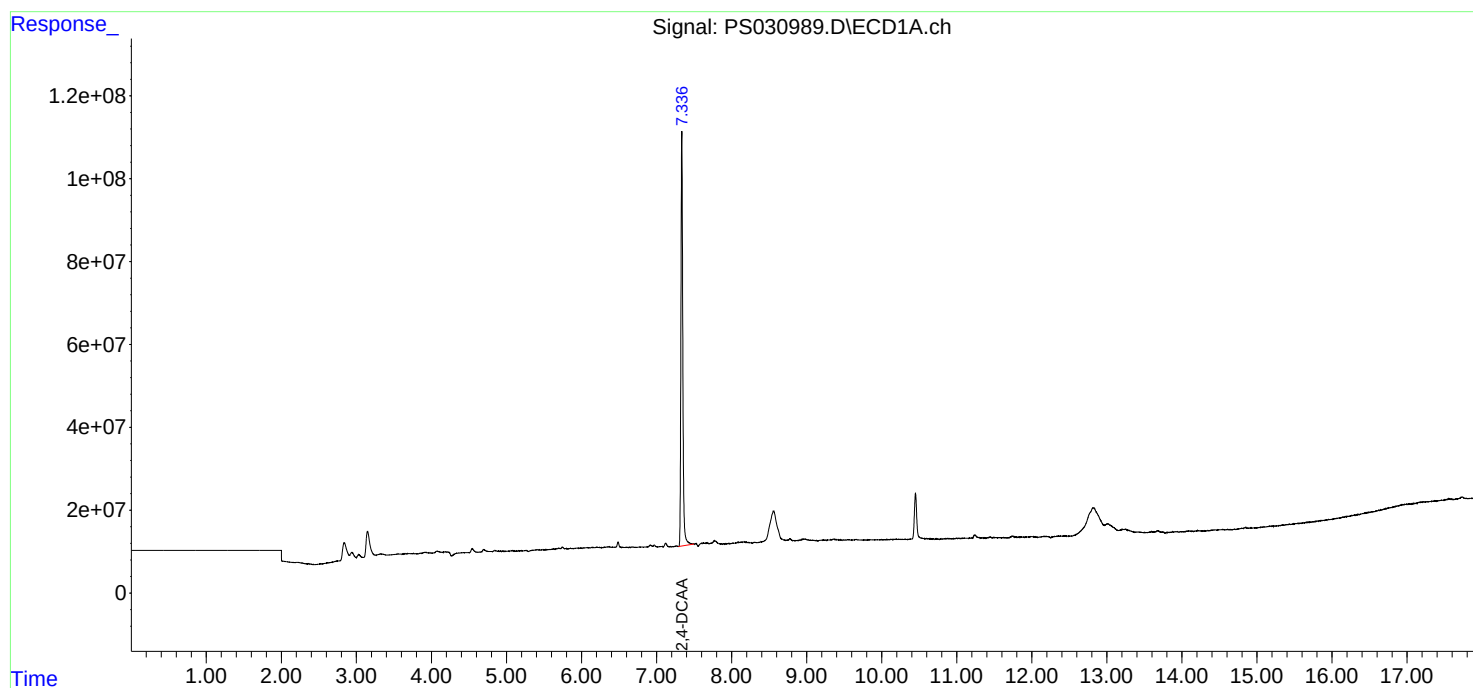
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

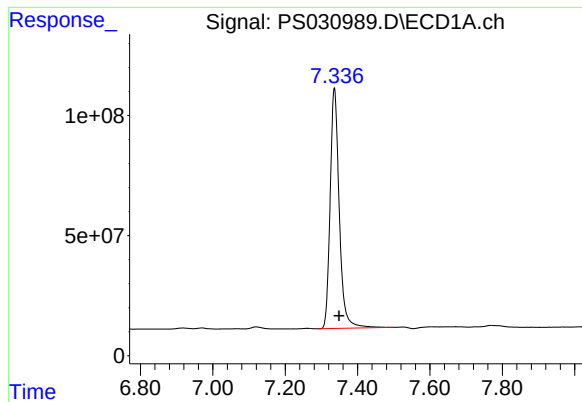
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071025\  
Data File : PS030989.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2025 16:34  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 06:46:50 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

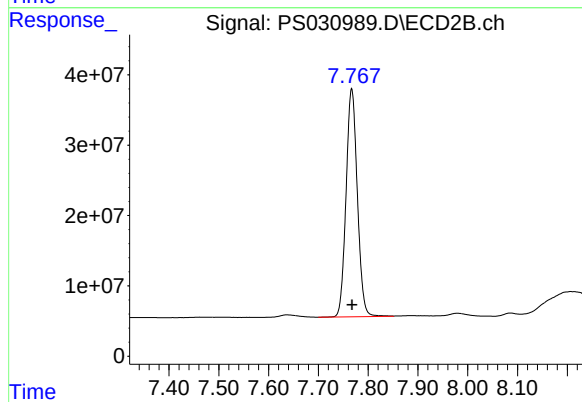




#4 2,4-DCAA

R.T.: 7.336 min  
Delta R.T.: -0.014 min  
Response: 1748013305  
Conc: 475.73 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
I.BLK



#4 2,4-DCAA

R.T.: 7.767 min  
Delta R.T.: 0.000 min  
Response: 510164777  
Conc: 475.92 ng/ml



## Report of Analysis

|                    |                            |                    |                    |
|--------------------|----------------------------|--------------------|--------------------|
| Client:            | CDM Smith                  | Date Collected:    |                    |
| Project:           | South River WM Replacement | Date Received:     |                    |
| Client Sample ID:  | PB168706BS                 | SDG No.:           | Q2484              |
| Lab Sample ID:     | PB168706BS                 | Matrix:            | SOIL               |
| Analytical Method: | 8151A                      | % Solid:           | 100      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g     | Final Vol:         | 10000      uL      |
| Soil Aliquot Vol:  | uL                         | Test:              | Herbicide          |
| Extraction Type:   |                            | Injection Volume : |                    |
| GPC Factor :       | 1.0      PH :              |                    |                    |
| Prep Method :      | 8151A                      |                    |                    |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030965.D        | 1         | 07/02/25 11:30 | 07/09/25 14:04 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 171   |           | 7.70     | 66.9       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 163   |           | 12.8     | 66.9       | ug/Kg             |
| 94-75-7           | 2,4-D             | 184   |           | 9.00     | 66.9       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 176   |           | 9.10     | 66.9       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 183   |           | 8.70     | 66.9       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 192   |           | 24.2     | 66.9       | ug/Kg             |
| 88-85-7           | DINOSEB           | 170   |           | 10.8     | 66.9       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 538   |           | 10 - 141 | 108%       | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070925\  
 Data File : PS030965.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jul 2025 14:04  
 Operator : AR\AJ  
 Sample : PB168706BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB168706BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/10/2025  
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 01:42:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml    |
|-----------------------------|--------------|--------|--------|-----------|-----------|----------|----------|
| -----                       |              |        |        |           |           |          |          |
| System Monitoring Compounds |              |        |        |           |           |          |          |
| 4) S                        | 2,4-DCAA     | 7.338  | 7.769  | 1976.1E6  | 539.1E6   | 537.803  | 502.935  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.705  | 2.710  | 2842.1E6  | 1271.5E6  | 476.414  | 463.748  |
| 2) T                        | 3,5-DICHL... | 6.499  | 6.714  | 2698.3E6  | 751.7E6   | 501.774  | 465.954  |
| 3) T                        | 4-Nitroph... | 7.138  | 7.301  | 760.8E6   | 797.5E6   | 482.501  | 460.034  |
| 5) T                        | DICAMBA      | 7.528  | 7.971  | 7825.1E6  | 3171.3E6  | 514.299m | 483.933  |
| 6) T                        | MCP          | 7.708  | 8.069  | 470.5E6   | 103.1E6   | 50.113m  | 49.169   |
| 7) T                        | MCPA         | 7.858  | 8.318  | 570.1E6   | 151.0E6   | 48.598   | 47.990   |
| 8) T                        | DICHLORPROP  | 8.240  | 8.692  | 1831.7E6  | 748.5E6   | 488.999  | 475.997  |
| 9) T                        | 2,4-D        | 8.473  | 9.029  | 1907.3E6  | 779.3E6   | 553.725  | 458.577  |
| 10) T                       | Pentachlo... | 8.780  | 9.552  | 28153.5E6 | 19436.0E6 | 531.947  | 509.835  |
| 11) T                       | 2,4,5-TP ... | 9.360  | 9.934  | 10594.6E6 | 7233.7E6  | 528.924  | 501.339  |
| 12) T                       | 2,4,5-T      | 9.654  | 10.361 | 9044.7E6  | 6866.3E6  | 549.727  | 502.491  |
| 13) T                       | 2,4-DB       | 10.233 | 10.928 | 1319.8E6  | 572.4E6   | 575.468  | 483.881m |
| 14) T                       | DINOSEB      | 11.448 | 11.314 | 7063.2E6  | 5014.6E6  | 509.124m | 465.121  |
| 15) T                       | Picloram     | 11.262 | 12.425 | 8654.5E6  | 11239.7E6 | 538.344m | 483.606  |
| 16) T                       | DCPA         | 11.745 | 12.359 | 14175.4E6 | 11251.4E6 | 553.375m | 510.434  |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070925\  
Data File : PS030965.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2025 14:04  
Operator : AR\AJ  
Sample : PB168706BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

PB168706BS

## Manual Integrations

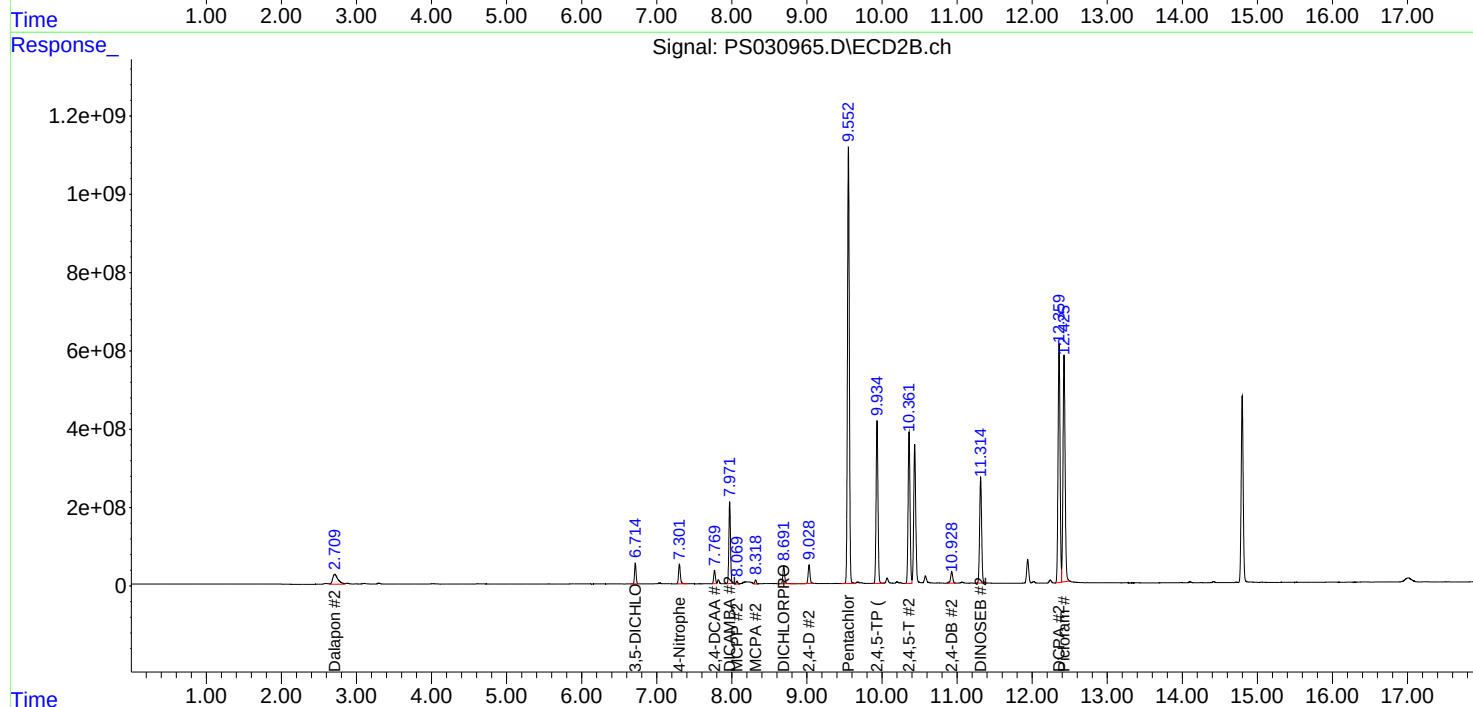
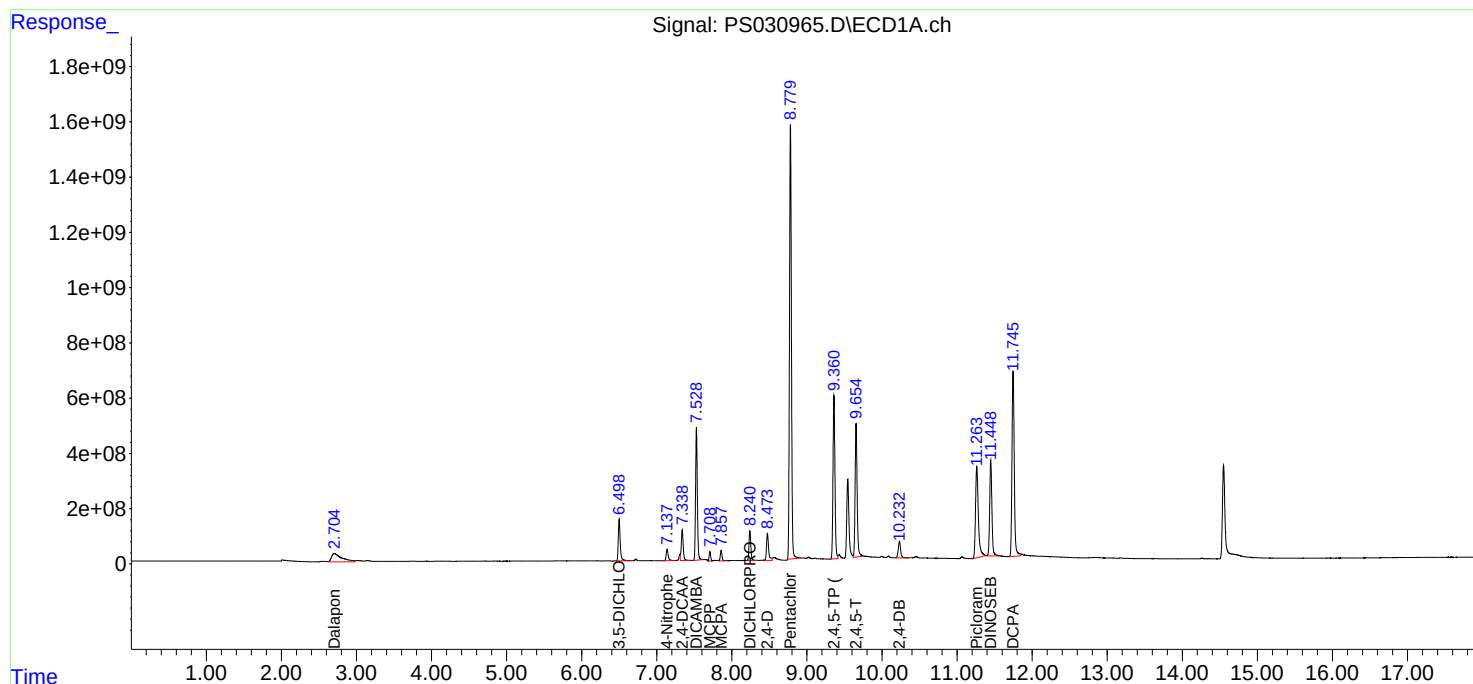
## APPROVED

Reviewed By :Abdul Mirza 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 01:42:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 06/26/25  |
| Project:           | South River WM Replacement | Date Received:     | 06/27/25  |
| Client Sample ID:  | TP-76MS                    | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2458-01MS                 | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 90.6      |
| Sample Wt/Vol:     | 30.09                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030949.D        | 1         | 07/02/25 11:30 | 07/08/25 13:07 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 86.9  |           | 8.50     | 73.7       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 103   |           | 14.1     | 73.7       | ug/Kg             |
| 94-75-7           | 2,4-D             | 138   |           | 9.90     | 73.7       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 97.3  |           | 10.0     | 73.7       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 99.8  |           | 9.60     | 73.7       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 97.1  |           | 26.6     | 73.7       | ug/Kg             |
| 88-85-7           | DINOSEB           | 11.9  | U         | 11.9     | 73.7       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 375   |           | 10 - 141 | 75%        | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
 Data File : PS030949.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2025 13:07  
 Operator : AR\AJ  
 Sample : Q2458-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

ECD\_S

ClientSampleId :

TP-76MS

## Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/09/2025

Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 09 01:36:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|--------------|--------|--------|-----------|----------|----------|-----------|
| -----                       |              |        |        |           |          |          |           |
| System Monitoring Compounds |              |        |        |           |          |          |           |
| 4) S                        | 2,4-DCAA     | 7.336  | 7.771  | 1252.9E6  | 402.1E6  | 340.978  | 375.151   |
| Target Compounds            |              |        |        |           |          |          |           |
| 1) T                        | Dalapon      | 2.697  | 2.703  | 676.3E6   | 580.4E6  | 113.359m | 211.705m# |
| 2) T                        | 3,5-DICHL... | 6.498  | 6.715  | 1345.2E6  | 423.0E6  | 250.142  | 262.203m  |
| 3) T                        | 4-Nitroph... | 7.141  | 7.323  | 72758216  | 236.0E6  | 46.144   | 136.166 # |
| 5) T                        | DICAMBA      | 7.527  | 7.972  | 3606.5E6  | 1515.6E6 | 237.034  | 231.278m  |
| 6) T                        | MCPD         | 7.705  | 8.070  | 176.2E6   | 53704077 | 18.764m  | 25.606m#  |
| 7) T                        | MCPA         | 7.856  | 8.314  | 255.6E6   | 71591385 | 21.793   | 22.758    |
| 8) T                        | DICHLORPROP  | 8.240  | 8.691  | 976.5E6   | 442.2E6  | 260.702  | 281.206m  |
| 9) T                        | 2,4-D        | 8.472  | 9.028  | 1293.2E6  | 437.1E6  | 375.442  | 257.231m# |
| 10) T                       | Pentachlo... | 8.779  | 9.553  | 13614.7E6 | 9513.9E6 | 257.243  | 249.564   |
| 11) T                       | 2,4,5-TP ... | 9.360  | 9.934  | 5205.9E6  | 3825.9E6 | 259.900  | 265.158m  |
| 12) T                       | 2,4,5-T      | 9.654  | 10.361 | 4477.3E6  | 3391.8E6 | 272.125  | 248.215m  |
| 13) T                       | 2,4-DB       | 10.233 | 10.928 | 607.0E6   | 274.4E6  | 264.642m | 231.987m  |
| 15) T                       | Picloram     | 11.259 | 12.424 | 4623.4E6  | 5026.6E6 | 287.594m | 216.277   |
| 16) T                       | DCPA         | 11.743 | 12.359 | 5532.3E6  | 5552.7E6 | 215.966  | 251.904m  |
| -----                       |              |        |        |           |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
Data File : PS030949.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 13:07  
Operator : AR\AJ  
Sample : Q2458-01MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

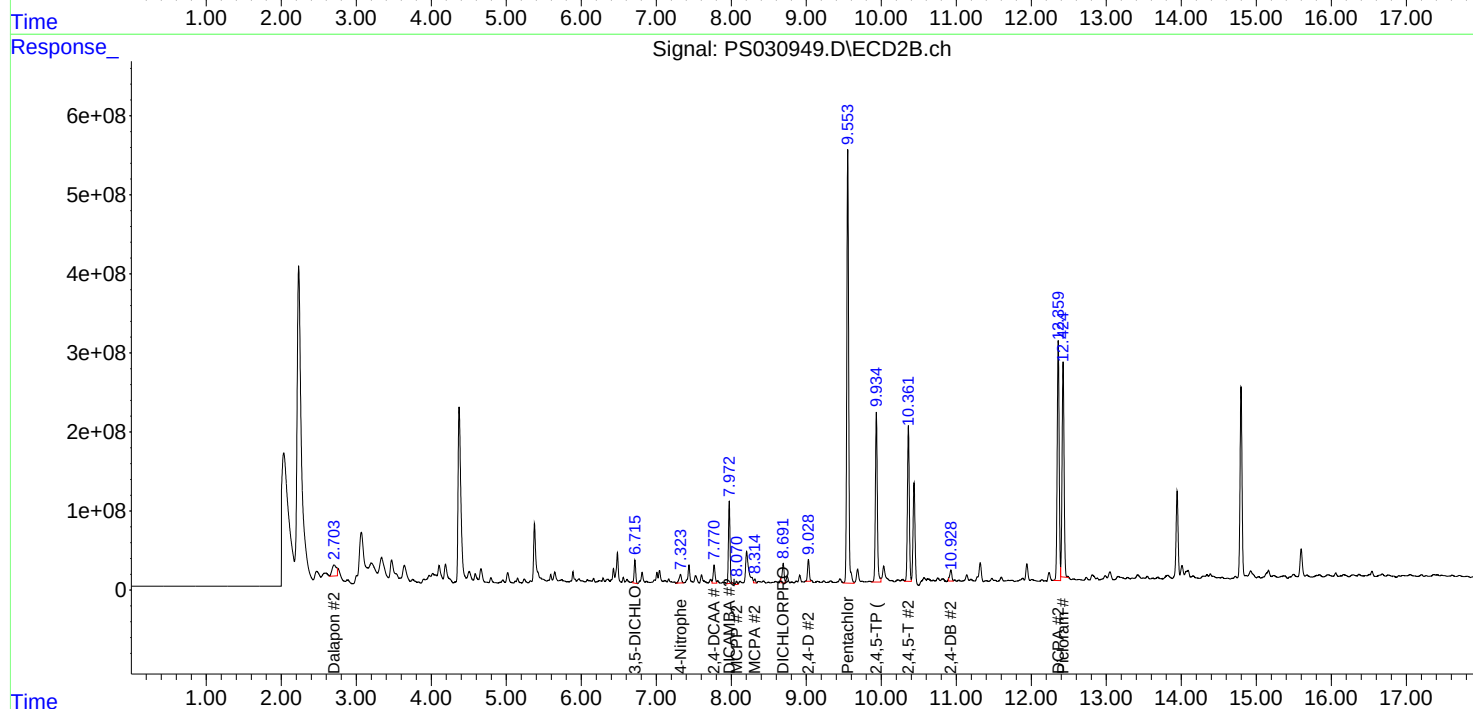
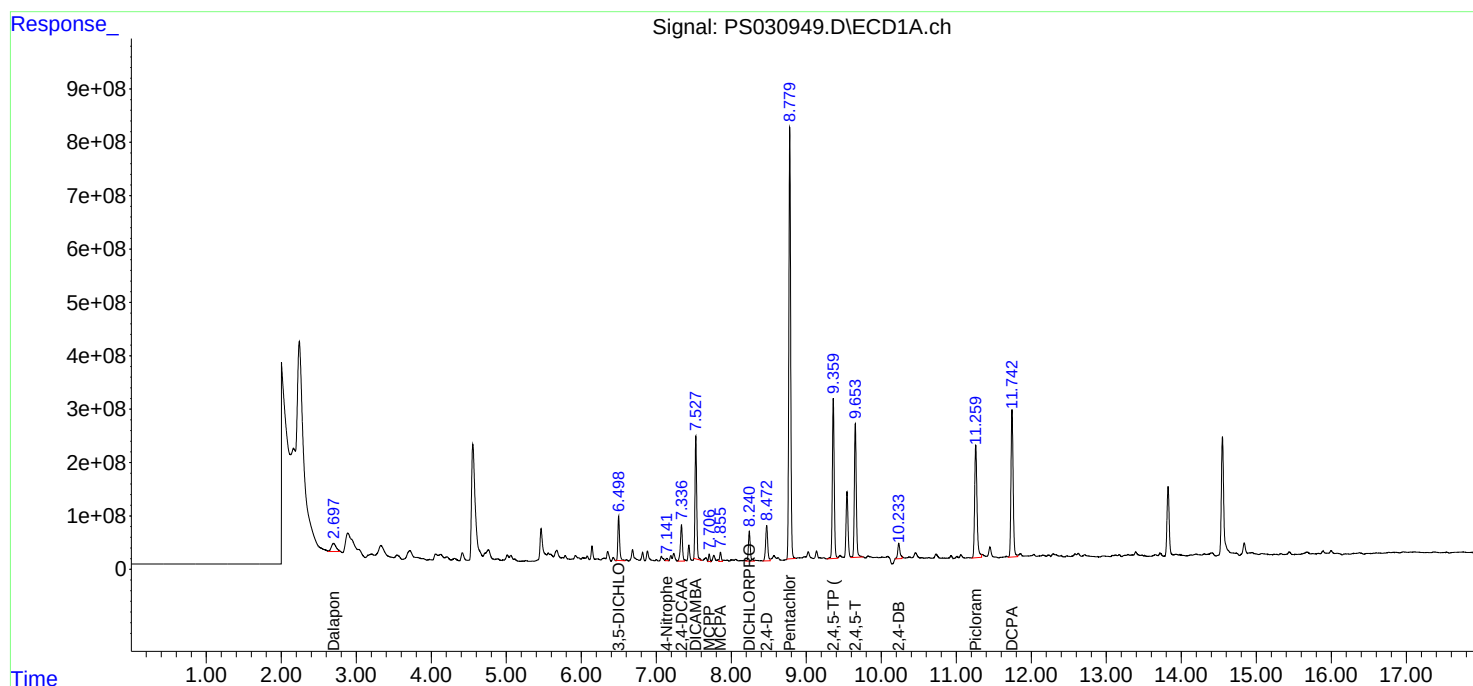
Instrument :  
ECD\_S  
ClientSampleId :  
TP-76MS

Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/09/2025  
Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 01:36:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 06/26/25  |
| Project:           | South River WM Replacement | Date Received:     | 06/27/25  |
| Client Sample ID:  | TP-76MSD                   | SDG No.:           | Q2484     |
| Lab Sample ID:     | Q2458-01MSD                | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 90.6      |
| Sample Wt/Vol:     | 30.06                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030950.D        | 1         | 07/02/25 11:30 | 07/08/25 13:32 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 88.8  |           | 8.50     | 73.8       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 99.3  |           | 14.1     | 73.8       | ug/Kg             |
| 94-75-7           | 2,4-D             | 139   |           | 10.0     | 73.8       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 96.8  |           | 10.0     | 73.8       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 101   |           | 9.60     | 73.8       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 98.8  |           | 26.7     | 73.8       | ug/Kg             |
| 88-85-7           | DINOSEB           | 11.9  | U         | 11.9     | 73.8       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 378   |           | 10 - 141 | 76%        | SPK: 500          |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
 Data File : PS030950.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2025 13:32  
 Operator : AR\AJ  
 Sample : Q2458-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP-76MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/09/2025  
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 09 01:36:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|--------------|--------|--------|-----------|----------|----------|-----------|
| -----                       |              |        |        |           |          |          |           |
| System Monitoring Compounds |              |        |        |           |          |          |           |
| 4) S                        | 2,4-DCAA     | 7.337  | 7.772  | 1274.8E6  | 404.8E6  | 346.952  | 377.643   |
| Target Compounds            |              |        |        |           |          |          |           |
| 1) T                        | Dalapon      | 2.697  | 2.706  | 595.0E6   | 529.0E6  | 99.731m  | 192.943m# |
| 2) T                        | 3,5-DICHL... | 6.499  | 6.716  | 1336.7E6  | 429.2E6  | 248.580m | 266.054m  |
| 3) T                        | 4-Nitroph... | 7.142  | 7.324  | 79389507  | 242.2E6  | 50.350   | 139.717 # |
| 5) T                        | DICAMBA      | 7.529  | 7.973  | 3678.9E6  | 1539.8E6 | 241.793  | 234.969m  |
| 6) T                        | MCPD         | 7.706  | 8.071  | 180.6E6   | 50537179 | 19.235m  | 24.096m#  |
| 7) T                        | MCPA         | 7.857  | 8.316  | 228.9E6   | 71995190 | 19.511   | 22.887    |
| 8) T                        | DICHLORPROP  | 8.241  | 8.692  | 969.5E6   | 425.1E6  | 258.832  | 270.361m  |
| 9) T                        | 2,4-D        | 8.472  | 9.029  | 1301.2E6  | 441.4E6  | 377.776  | 259.719m# |
| 10) T                       | Pentachlo... | 8.780  | 9.554  | 13643.8E6 | 9535.6E6 | 257.794  | 250.134   |
| 11) T                       | 2,4,5-TP ... | 9.360  | 9.935  | 5233.5E6  | 3803.1E6 | 261.278  | 263.580m  |
| 12) T                       | 2,4,5-T      | 9.655  | 10.361 | 4526.5E6  | 3365.6E6 | 275.114  | 246.303m  |
| 13) T                       | 2,4-DB       | 10.233 | 10.928 | 596.4E6   | 318.3E6  | 260.042m | 269.076m  |
| 15) T                       | Picloram     | 11.260 | 12.424 | 4590.9E6  | 4975.6E6 | 285.575m | 214.081 # |
| 16) T                       | DCPA         | 11.744 | 12.359 | 5529.6E6  | 5513.1E6 | 215.864  | 250.107m  |
| -----                       |              |        |        |           |          |          |           |

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
Data File : PS030950.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 13:32  
Operator : AR\AJ  
Sample : Q2458-01MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

TP-76MSD

## Manual Integrations

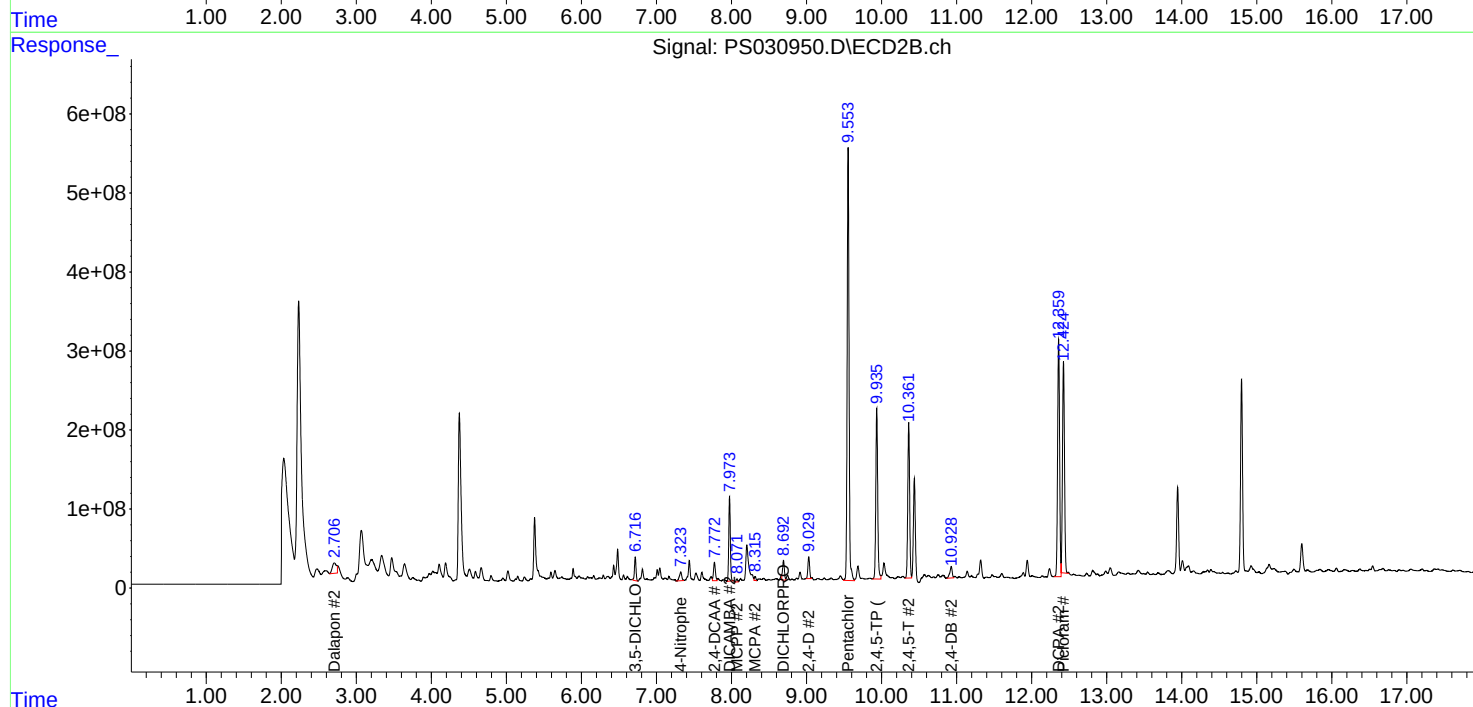
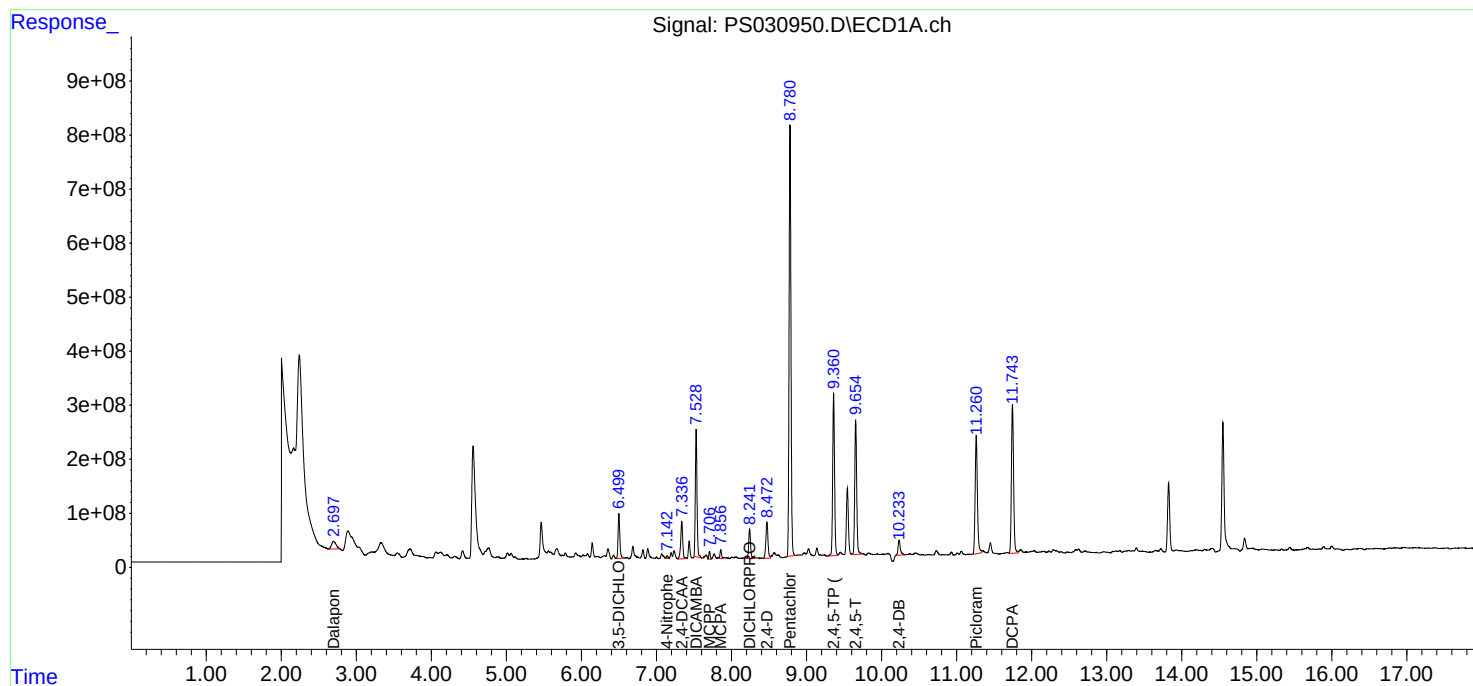
## APPROVED

Reviewed By :Abdul Mirza 07/09/2025

Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 01:36:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PS061825 | Instrument | ECD_s |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter         | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|-------------|------------|-------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| HSTDICC200  | PS030739.D | Dalapon           | Abdul     | 6/19/2025 8:24:10 AM | mohammad      | 6/20/2025 8:27:44 | Peak Integrated by Software |
| HSTDICC750  | PS030741.D | 2,4-DCAA          | Abdul     | 6/19/2025 8:24:14 AM | mohammad      | 6/20/2025 8:27:44 | Peak Integrated by Software |
| HSTDICC1000 | PS030742.D | 2,4-DCAA          | Abdul     | 6/19/2025 8:24:17 AM | mohammad      | 6/20/2025 8:27:44 | Peak Integrated by Software |
| HSTDICC1500 | PS030743.D | 2,4-DCAA          | Abdul     | 6/19/2025 8:24:22 AM | mohammad      | 6/20/2025 8:27:44 | Peak Integrated by Software |
| HSTDICC1500 | PS030743.D | Pentachlorophenol | Abdul     | 6/19/2025 8:24:22 AM | mohammad      | 6/20/2025 8:27:44 | Peak Integrated by Software |
| HSTDICV750  | PS030744.D | 2,4-DCAA          | Abdul     | 6/19/2025 8:24:26 AM | mohammad      | 6/20/2025 8:27:44 | Peak Integrated by Software |
| HSTDCCC750  | PS030746.D | 2,4-DCAA          | Abdul     | 6/20/2025 8:24:58 AM | mohammad      | 6/20/2025 8:27:44 | Peak Integrated by Software |
| HSTDCCC750  | PS030746.D | DCCA #2           | Abdul     | 6/20/2025 8:24:58 AM | mohammad      | 6/20/2025 8:27:44 | Peak Integrated by Software |
| HSTDCCC750  | PS030750.D | 2,4-D #2          | Abdul     | 6/20/2025 8:25:02 AM | mohammad      | 6/20/2025 8:27:44 | Peak Integrated by Software |
| HSTDCCC750  | PS030750.D | DCCA #2           | Abdul     | 6/20/2025 8:25:02 AM | mohammad      | 6/20/2025 8:27:44 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PS070725 | Instrument | ECD_s |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter | Review By | Review On           | Supervised By | Supervised On     | Reason                      |
|------------|------------|-----------|-----------|---------------------|---------------|-------------------|-----------------------------|
| HSTDCCC750 | PS030917.D | 2,4-DB    | Abdul     | 7/8/2025 4:21:48 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030917.D | 2,4-DCAA  | Abdul     | 7/8/2025 4:21:48 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030917.D | DCPA #2   | Abdul     | 7/8/2025 4:21:48 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030917.D | DICAMBA   | Abdul     | 7/8/2025 4:21:48 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030917.D | DINOSEB   | Abdul     | 7/8/2025 4:21:48 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030917.D | MCPP      | Abdul     | 7/8/2025 4:21:48 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030917.D | Picloram  | Abdul     | 7/8/2025 4:21:48 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030928.D | 2,4-DCAA  | Abdul     | 7/8/2025 4:22:12 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030928.D | DCPA #2   | Abdul     | 7/8/2025 4:22:12 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030928.D | DICAMBA   | Abdul     | 7/8/2025 4:22:12 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030928.D | DINOSEB   | Abdul     | 7/8/2025 4:22:12 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030928.D | MCPP      | Abdul     | 7/8/2025 4:22:12 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030928.D | Picloram  | Abdul     | 7/8/2025 4:22:12 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PS070725 | Instrument | ECD_s |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter   | Review By | Review On           | Supervised By | Supervised On     | Reason                      |
|------------|------------|-------------|-----------|---------------------|---------------|-------------------|-----------------------------|
| HSTDCCC750 | PS030932.D | 2,4-DB      | Abdul     | 7/8/2025 4:22:21 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030932.D | 2,4-DCAA    | Abdul     | 7/8/2025 4:22:21 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030932.D | DCPA #2     | Abdul     | 7/8/2025 4:22:21 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030932.D | DICAMBA     | Abdul     | 7/8/2025 4:22:21 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030932.D | DINOSEB     | Abdul     | 7/8/2025 4:22:21 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030932.D | MCPP        | Abdul     | 7/8/2025 4:22:21 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030932.D | Picloram    | Abdul     | 7/8/2025 4:22:21 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| Q2484-01   | PS030934.D | 2,4-DCAA #2 | Abdul     | 7/8/2025 4:22:25 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| Q2484-02   | PS030935.D | 2,4-DCAA #2 | Abdul     | 7/8/2025 4:23:34 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| Q2484-06   | PS030939.D | 2,4-DCAA #2 | Abdul     | 7/9/2025 8:52:49 AM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030941.D | 2,4-DB      | Abdul     | 7/8/2025 4:23:39 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030941.D | 2,4-DCAA    | Abdul     | 7/8/2025 4:23:39 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030941.D | DCPA #2     | Abdul     | 7/8/2025 4:23:39 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

PS070725

Instrument

ECD\_s

| Sample ID  | File ID    | Parameter | Review By | Review On           | Supervised By | Supervised On     | Reason                      |
|------------|------------|-----------|-----------|---------------------|---------------|-------------------|-----------------------------|
| HSTDCCC750 | PS030941.D | DICAMBA   | Abdul     | 7/8/2025 4:23:39 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030941.D | DINOSEB   | Abdul     | 7/8/2025 4:23:39 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030941.D | MCPP      | Abdul     | 7/8/2025 4:23:39 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |
| HSTDCCC750 | PS030941.D | Picloram  | Abdul     | 7/8/2025 4:23:39 PM | mohammad      | 7/10/2025 2:03:24 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

PS070825

Instrument

ECD\_s

| Sample ID  | File ID    | Parameter                       | Review By | Review On           | Supervised By | Supervised On     | Reason                      |
|------------|------------|---------------------------------|-----------|---------------------|---------------|-------------------|-----------------------------|
| Q2458-01MS | PS030949.D | 2,4,5-T #2                      | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MS | PS030949.D | 2,4,5-TP (SILVEX) #2            | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MS | PS030949.D | 2,4-D #2                        | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MS | PS030949.D | 2,4-DB                          | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MS | PS030949.D | 2,4-DB #2                       | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MS | PS030949.D | 3,5-DICHLOROBENZOI<br>C ACID #2 | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MS | PS030949.D | Dalapon                         | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MS | PS030949.D | Dalapon #2                      | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MS | PS030949.D | DCPA #2                         | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MS | PS030949.D | DICAMBA #2                      | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MS | PS030949.D | DICHLORPROP #2                  | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MS | PS030949.D | MCPP                            | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MS | PS030949.D | MCPP #2                         | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PS070825 | Instrument | ECD_s |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter                    | Review By | Review On           | Supervised By | Supervised On     | Reason                      |
|-------------|------------|------------------------------|-----------|---------------------|---------------|-------------------|-----------------------------|
| Q2458-01MS  | PS030949.D | Picloram                     | Abdul     | 7/9/2025 8:55:43 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | 2,4,5-T #2                   | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | 2,4,5-TP (SILVEX) #2         | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | 2,4-D #2                     | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | 2,4-DB                       | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | 2,4-DB #2                    | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | 3,5-DICHLOROBENZOI C ACID    | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | 3,5-DICHLOROBENZOI C ACID #2 | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | Dalapon                      | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | Dalapon #2                   | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | DCPA #2                      | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | DICAMBA #2                   | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | DICHLORPROP #2               | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

PS070825

Instrument

ECD\_s

| Sample ID   | File ID    | Parameter | Review By | Review On           | Supervised By | Supervised On     | Reason                      |
|-------------|------------|-----------|-----------|---------------------|---------------|-------------------|-----------------------------|
| Q2458-01MSD | PS030950.D | MCPP      | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | MCPP #2   | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |
| Q2458-01MSD | PS030950.D | Picloram  | Abdul     | 7/9/2025 8:55:47 AM | mohammad      | 7/10/2025 2:04:22 | Peak Integrated by Software |



## Manual Integration Report

Sequence:

PS070925

Instrument

ECD\_s

| Sample ID  | File ID    | Parameter | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|-----------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PB168706BS | PS030965.D | 2,4-DB #2 | Abdul     | 7/10/2025 8:21:52 AM | mohammad      | 7/11/2025 1:36:44 | Peak Integrated by Software |
| PB168706BS | PS030965.D | DCPA      | Abdul     | 7/10/2025 8:21:52 AM | mohammad      | 7/11/2025 1:36:44 | Peak Integrated by Software |
| PB168706BS | PS030965.D | DICAMBA   | Abdul     | 7/10/2025 8:21:52 AM | mohammad      | 7/11/2025 1:36:44 | Peak Integrated by Software |
| PB168706BS | PS030965.D | DINOSEB   | Abdul     | 7/10/2025 8:21:52 AM | mohammad      | 7/11/2025 1:36:44 | Peak Integrated by Software |
| PB168706BS | PS030965.D | MCPP      | Abdul     | 7/10/2025 8:21:52 AM | mohammad      | 7/11/2025 1:36:44 | Peak Integrated by Software |
| PB168706BS | PS030965.D | Picloram  | Abdul     | 7/10/2025 8:21:52 AM | mohammad      | 7/11/2025 1:36:44 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | ps071025 | Instrument | ECD_s |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter         | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|-------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| HSTDCCC750 | PS030980.D | 2,4-D #2          | Abdul     | 7/11/2025 8:21:33 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS030980.D | DICAMBA           | Abdul     | 7/11/2025 8:21:33 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS030980.D | DINOSEB           | Abdul     | 7/11/2025 8:21:33 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS030980.D | MCPP              | Abdul     | 7/11/2025 8:21:33 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS030980.D | Pentachlorophenol | Abdul     | 7/11/2025 8:21:33 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS030980.D | Picloram          | Abdul     | 7/11/2025 8:21:33 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS030990.D | DCPA #2           | Abdul     | 7/11/2025 8:21:42 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS030990.D | DICAMBA           | Abdul     | 7/11/2025 8:21:42 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS030990.D | DINOSEB           | Abdul     | 7/11/2025 8:21:42 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS030990.D | MCPP              | Abdul     | 7/11/2025 8:21:42 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS030990.D | Pentachlorophenol | Abdul     | 7/11/2025 8:21:42 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS030990.D | Picloram          | Abdul     | 7/11/2025 8:21:42 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS031003.D | 2,4-DCAA          | Abdul     | 7/11/2025 8:21:57 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

ps071025

Instrument

ECD\_s

| Sample ID  | File ID    | Parameter         | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|-------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| HSTDCCC750 | PS031003.D | DICAMBA           | Abdul     | 7/11/2025 8:21:57 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS031003.D | DINOSEB           | Abdul     | 7/11/2025 8:21:57 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS031003.D | MCPP              | Abdul     | 7/11/2025 8:21:57 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS031003.D | Pentachlorophenol | Abdul     | 7/11/2025 8:21:57 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |
| HSTDCCC750 | PS031003.D | Picloram          | Abdul     | 7/11/2025 8:21:57 AM | mohammad      | 7/11/2025 9:09:38 | Peak Integrated by Software |

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS061825**

|                                                                    |                                                         |                   |                                    |
|--------------------------------------------------------------------|---------------------------------------------------------|-------------------|------------------------------------|
| Review By                                                          | Abdul                                                   | Review On         | 6/19/2025 8:25:06 AM               |
| Supervise By                                                       | mohammad                                                | Supervise On      | 6/20/2025 8:27:44 AM               |
| SubDirectory                                                       | PS061825                                                | HP Acquire Method | HP Processing Method PS061825 8151 |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                                        |                   |                                    |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |                   |                                    |
| CCC<br>Internal Standard/PEM                                       | PP24559                                                 |                   |                                    |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24562                                                 |                   |                                    |

| Sr# | Sampleld    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | HEXANE      | PS030737.D     | 18 Jun 2025 10:37 | AR\AJ    | Ok     |
| 2   | I.BLK       | PS030738.D     | 18 Jun 2025 11:01 | AR\AJ    | Ok     |
| 3   | HSTDICC200  | PS030739.D     | 18 Jun 2025 11:25 | AR\AJ    | Ok,M   |
| 4   | HSTDICC500  | PS030740.D     | 18 Jun 2025 11:49 | AR\AJ    | Ok     |
| 5   | HSTDICC750  | PS030741.D     | 18 Jun 2025 12:13 | AR\AJ    | Ok,M   |
| 6   | HSTDICC1000 | PS030742.D     | 18 Jun 2025 12:37 | AR\AJ    | Ok,M   |
| 7   | HSTDICC1500 | PS030743.D     | 18 Jun 2025 13:29 | AR\AJ    | Ok,M   |
| 8   | HSTDICV750  | PS030744.D     | 18 Jun 2025 14:18 | AR\AJ    | Ok,M   |
| 9   | I.BLK       | PS030745.D     | 18 Jun 2025 14:44 | AR\AJ    | Ok     |
| 10  | HSTDCCC750  | PS030746.D     | 18 Jun 2025 15:08 | AR\AJ    | Ok,M   |
| 11  | Q2312-01MS  | PS030747.D     | 18 Jun 2025 17:07 | AR\AJ    | Ok,M   |
| 12  | Q2312-01MSD | PS030748.D     | 18 Jun 2025 17:31 | AR\AJ    | Ok,M   |
| 13  | I.BLK       | PS030749.D     | 18 Jun 2025 17:55 | AR\AJ    | Ok     |
| 14  | HSTDCCC750  | PS030750.D     | 18 Jun 2025 18:19 | AR\AJ    | Ok,M   |

M : Manual Integration

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS070725**

|                                                                    |                                                         |                   |                                    |
|--------------------------------------------------------------------|---------------------------------------------------------|-------------------|------------------------------------|
| Review By                                                          | Abdul                                                   | Review On         | 7/8/2025 4:24:01 PM                |
| Supervise By                                                       | mohammad                                                | Supervise On      | 7/10/2025 2:03:24 AM               |
| SubDirectory                                                       | PS070725                                                | HP Acquire Method | HP Processing Method ps061825 8151 |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                                        |                   |                                    |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |                   |                                    |
| CCC<br>Internal Standard/PEM                                       | PP24559                                                 |                   |                                    |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24562                                                 |                   |                                    |

| Sr# | SampleId   | Data File Name | Date-Time         | Operator | Status |
|-----|------------|----------------|-------------------|----------|--------|
| 1   | HEXANE     | PS030915.D     | 07 Jul 2025 09:13 | AR\AJ    | Ok     |
| 2   | I.BLK      | PS030916.D     | 07 Jul 2025 09:37 | AR\AJ    | Ok     |
| 3   | HSTDCCC750 | PS030917.D     | 07 Jul 2025 10:01 | AR\AJ    | Ok,M   |
| 4   | Q2458-02   | PS030918.D     | 07 Jul 2025 10:37 | AR\AJ    | Ok,M   |
| 5   | Q2458-03   | PS030919.D     | 07 Jul 2025 11:01 | AR\AJ    | Ok     |
| 6   | Q2458-04   | PS030920.D     | 07 Jul 2025 11:26 | AR\AJ    | Ok     |
| 7   | Q2458-05   | PS030921.D     | 07 Jul 2025 11:50 | AR\AJ    | Ok,M   |
| 8   | Q2458-06   | PS030922.D     | 07 Jul 2025 12:14 | AR\AJ    | Ok,M   |
| 9   | Q2458-07   | PS030923.D     | 07 Jul 2025 12:38 | AR\AJ    | Ok     |
| 10  | Q2458-08   | PS030924.D     | 07 Jul 2025 13:02 | AR\AJ    | Ok,M   |
| 11  | Q2458-09   | PS030925.D     | 07 Jul 2025 13:27 | AR\AJ    | Ok,M   |
| 12  | Q2473-01   | PS030926.D     | 07 Jul 2025 15:27 | AR\AJ    | Ok     |
| 13  | I.BLK      | PS030927.D     | 07 Jul 2025 18:47 | AR\AJ    | Ok     |
| 14  | HSTDCCC750 | PS030928.D     | 07 Jul 2025 19:11 | AR\AJ    | Ok,M   |
| 15  | Q2473-02   | PS030929.D     | 07 Jul 2025 19:59 | AR\AJ    | Ok     |
| 16  | Q2473-03   | PS030930.D     | 07 Jul 2025 20:24 | AR\AJ    | Ok,M   |
| 17  | I.BLK      | PS030931.D     | 07 Jul 2025 20:48 | AR\AJ    | Ok     |
| 18  | HSTDCCC750 | PS030932.D     | 07 Jul 2025 21:36 | AR\AJ    | Ok,M   |
| 19  | Q2473-04   | PS030933.D     | 07 Jul 2025 22:00 | AR\AJ    | Ok     |
| 20  | Q2484-01   | PS030934.D     | 07 Jul 2025 22:25 | AR\AJ    | Ok,M   |
| 21  | Q2484-02   | PS030935.D     | 07 Jul 2025 22:49 | AR\AJ    | Ok,M   |

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS070725**

| Review By                                                          | Abdul                                                   | Review On         | 7/8/2025 4:24:01 PM                |
|--------------------------------------------------------------------|---------------------------------------------------------|-------------------|------------------------------------|
| Supervise By                                                       | mohammad                                                | Supervise On      | 7/10/2025 2:03:24 AM               |
| SubDirectory                                                       | PS070725                                                | HP Acquire Method | HP Processing Method ps061825 8151 |
| STD. NAME                                                          | STD REF.#                                               |                   |                                    |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |                   |                                    |
| CCC<br>Internal Standard/PEM                                       | PP24559                                                 |                   |                                    |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24562                                                 |                   |                                    |

|    |            |            |                   |       |        |
|----|------------|------------|-------------------|-------|--------|
| 22 | Q2484-03   | PS030936.D | 07 Jul 2025 23:13 | AR\AJ | Not Ok |
| 23 | Q2484-04   | PS030937.D | 07 Jul 2025 23:37 | AR\AJ | Ok     |
| 24 | Q2484-05   | PS030938.D | 08 Jul 2025 00:01 | AR\AJ | Ok     |
| 25 | Q2484-06   | PS030939.D | 08 Jul 2025 00:25 | AR\AJ | Ok,M   |
| 26 | I.BLK      | PS030940.D | 08 Jul 2025 00:50 | AR\AJ | Ok     |
| 27 | HSTDCCC750 | PS030941.D | 08 Jul 2025 01:38 | AR\AJ | Ok,M   |

M : Manual Integration

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS070825**

|                                                                    |                                                         |                   |                                    |
|--------------------------------------------------------------------|---------------------------------------------------------|-------------------|------------------------------------|
| Review By                                                          | Abdul                                                   | Review On         | 7/9/2025 8:56:21 AM                |
| Supervise By                                                       | mohammad                                                | Supervise On      | 7/10/2025 2:04:22 AM               |
| SubDirectory                                                       | PS070825                                                | HP Acquire Method | HP Processing Method ps061825 8151 |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                                        |                   |                                    |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |                   |                                    |
| CCC<br>Internal Standard/PEM                                       | PP24559                                                 |                   |                                    |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24562                                                 |                   |                                    |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | HEXANE      | PS030942.D     | 08 Jul 2025 08:13 | AR\AJ    | Ok     |
| 2   | I.BLK       | PS030943.D     | 08 Jul 2025 08:37 | AR\AJ    | Ok     |
| 3   | HSTDCCC750  | PS030944.D     | 08 Jul 2025 09:27 | AR\AJ    | Ok,NR  |
| 4   | Q2478-01    | PS030945.D     | 08 Jul 2025 09:51 | AR\AJ    | Ok,M   |
| 5   | Q2458-01    | PS030946.D     | 08 Jul 2025 11:55 | AR\AJ    | Ok     |
| 6   | PB168706BL  | PS030947.D     | 08 Jul 2025 12:19 | AR\AJ    | Ok     |
| 7   | PB168706BS  | PS030948.D     | 08 Jul 2025 12:43 | AR\AJ    | Not Ok |
| 8   | Q2458-01MS  | PS030949.D     | 08 Jul 2025 13:07 | AR\AJ    | Ok,M   |
| 9   | Q2458-01MSD | PS030950.D     | 08 Jul 2025 13:32 | AR\AJ    | Ok,M   |
| 10  | PB168717BL  | PS030951.D     | 08 Jul 2025 13:56 | AR\AJ    | Ok     |
| 11  | PB168717BS  | PS030952.D     | 08 Jul 2025 14:20 | AR\AJ    | Ok,M   |
| 12  | PB168717BSD | PS030953.D     | 08 Jul 2025 14:52 | AR\AJ    | Ok,M   |
| 13  | Q2458-10    | PS030954.D     | 08 Jul 2025 15:16 | AR\AJ    | Ok     |
| 14  | I.BLK       | PS030955.D     | 08 Jul 2025 15:41 | AR\AJ    | Ok     |
| 15  | HSTDCCC750  | PS030956.D     | 08 Jul 2025 16:05 | AR\AJ    | Ok,NR  |

M : Manual Integration

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS070925**

|                                                                    |                                                         |                   |                                    |
|--------------------------------------------------------------------|---------------------------------------------------------|-------------------|------------------------------------|
| Review By                                                          | Abdul                                                   | Review On         | 7/10/2025 8:22:37 AM               |
| Supervise By                                                       | mohammad                                                | Supervise On      | 7/11/2025 1:36:44 AM               |
| SubDirectory                                                       | PS070925                                                | HP Acquire Method | HP Processing Method ps061825 8151 |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                                        |                   |                                    |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |                   |                                    |
| CCC<br>Internal Standard/PEM                                       | PP24559                                                 |                   |                                    |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24562                                                 |                   |                                    |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | HEXANE      | PS030957.D     | 09 Jul 2025 09:08 | AR\AJ    | Ok     |
| 2   | I.BLK       | PS030958.D     | 09 Jul 2025 09:32 | AR\AJ    | Ok     |
| 3   | HSTDCCC750  | PS030959.D     | 09 Jul 2025 11:36 | AR\AJ    | Ok,NR  |
| 4   | Q2493-01    | PS030960.D     | 09 Jul 2025 12:00 | AR\AJ    | Ok     |
| 5   | Q2493-01MS  | PS030961.D     | 09 Jul 2025 12:24 | AR\AJ    | Not Ok |
| 6   | Q2493-01MSD | PS030962.D     | 09 Jul 2025 12:48 | AR\AJ    | Not Ok |
| 7   | PB168753BL  | PS030963.D     | 09 Jul 2025 13:12 | AR\AJ    | Ok     |
| 8   | PB168753BS  | PS030964.D     | 09 Jul 2025 13:36 | AR\AJ    | Ok,M   |
| 9   | PB168706BS  | PS030965.D     | 09 Jul 2025 14:04 | AR\AJ    | Ok,M   |
| 10  | I.BLK       | PS030966.D     | 09 Jul 2025 14:28 | AR\AJ    | Ok     |
| 11  | HSTDCCC750  | PS030967.D     | 09 Jul 2025 14:52 | AR\AJ    | Ok,NR  |
| 12  | Q2487-09    | PS030968.D     | 09 Jul 2025 15:17 | AR\AJ    | ReRun  |
| 13  | Q2487-10    | PS030969.D     | 09 Jul 2025 15:41 | AR\AJ    | Ok     |
| 14  | Q2487-11    | PS030970.D     | 09 Jul 2025 16:05 | AR\AJ    | ReRun  |
| 15  | Q2487-12    | PS030971.D     | 09 Jul 2025 16:29 | AR\AJ    | Ok,M   |
| 16  | Q2487-13    | PS030972.D     | 09 Jul 2025 16:53 | AR\AJ    | Ok     |
| 17  | Q2487-14    | PS030973.D     | 09 Jul 2025 17:17 | AR\AJ    | Not Ok |
| 18  | Q2487-15    | PS030974.D     | 09 Jul 2025 17:42 | AR\AJ    | Not Ok |
| 19  | Q2487-16    | PS030975.D     | 09 Jul 2025 18:06 | AR\AJ    | Not Ok |
| 20  | I.BLK       | PS030976.D     | 09 Jul 2025 18:30 | AR\AJ    | Ok     |
| 21  | HSTDCCC750  | PS030977.D     | 10 Jul 2025 02:37 | AR\AJ    | Ok,NR  |

M : Manual Integration



Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS071025**

|                                                                    |                                                         |                   |                                    |
|--------------------------------------------------------------------|---------------------------------------------------------|-------------------|------------------------------------|
| Review By                                                          | Abdul                                                   | Review On         | 7/11/2025 8:22:34 AM               |
| Supervise By                                                       | mohammad                                                | Supervise On      | 7/11/2025 9:09:38 AM               |
| SubDirectory                                                       | PS071025                                                | HP Acquire Method | HP Processing Method ps061825 8151 |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                                        |                   |                                    |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |                   |                                    |
| CCC<br>Internal Standard/PEM                                       | PP24559                                                 |                   |                                    |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24562                                                 |                   |                                    |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status   |
|-----|-------------|----------------|-------------------|----------|----------|
| 1   | HEXANE      | PS030978.D     | 10 Jul 2025 09:00 | AR\AJ    | Ok       |
| 2   | I.BLK       | PS030979.D     | 10 Jul 2025 09:24 | AR\AJ    | Ok       |
| 3   | HSTDCCC750  | PS030980.D     | 10 Jul 2025 09:48 | AR\AJ    | Ok,M     |
| 4   | Q2493-01MS  | PS030981.D     | 10 Jul 2025 10:36 | AR\AJ    | Not Ok   |
| 5   | Q2493-01MSD | PS030982.D     | 10 Jul 2025 11:15 | AR\AJ    | Not Ok   |
| 6   | Q2487-09RE  | PS030983.D     | 10 Jul 2025 11:46 | AR\AJ    | Confirms |
| 7   | Q2487-11RE  | PS030984.D     | 10 Jul 2025 12:10 | AR\AJ    | Confirms |
| 8   | Q2487-14    | PS030985.D     | 10 Jul 2025 13:03 | AR\AJ    | Ok       |
| 9   | Q2487-15    | PS030986.D     | 10 Jul 2025 14:20 | AR\AJ    | Ok       |
| 10  | Q2487-16    | PS030987.D     | 10 Jul 2025 14:44 | AR\AJ    | Ok       |
| 11  | Q2484-03    | PS030988.D     | 10 Jul 2025 16:06 | AR\AJ    | Ok       |
| 12  | I.BLK       | PS030989.D     | 10 Jul 2025 16:34 | AR\AJ    | Ok       |
| 13  | HSTDCCC750  | PS030990.D     | 10 Jul 2025 16:59 | AR\AJ    | Ok,M     |
| 14  | Q2517-01    | PS030991.D     | 10 Jul 2025 17:47 | AR\AJ    | ReRun    |
| 15  | Q2514-01    | PS030992.D     | 10 Jul 2025 18:11 | AR\AJ    | Ok       |
| 16  | Q2514-02    | PS030993.D     | 10 Jul 2025 18:35 | AR\AJ    | Ok       |
| 17  | Q2514-03    | PS030994.D     | 10 Jul 2025 19:00 | AR\AJ    | Ok       |
| 18  | Q2514-04    | PS030995.D     | 10 Jul 2025 19:24 | AR\AJ    | Ok       |
| 19  | Q2514-05    | PS030996.D     | 10 Jul 2025 19:48 | AR\AJ    | Ok       |
| 20  | Q2514-06    | PS030997.D     | 10 Jul 2025 20:12 | AR\AJ    | Ok       |
| 21  | Q2514-07    | PS030998.D     | 10 Jul 2025 20:36 | AR\AJ    | Ok       |

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QCBatch ID # PS071025**

| Review By                                                          | Abdul                                                   | Review On         | 7/11/2025 8:22:34 AM               |
|--------------------------------------------------------------------|---------------------------------------------------------|-------------------|------------------------------------|
| Supervise By                                                       | mohammad                                                | Supervise On      | 7/11/2025 9:09:38 AM               |
| SubDirectory                                                       | PS071025                                                | HP Acquire Method | HP Processing Method ps061825 8151 |
| STD. NAME                                                          | STD REF.#                                               |                   |                                    |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |                   |                                    |
| CCC<br>Internal Standard/PEM                                       | PP24559                                                 |                   |                                    |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24562                                                 |                   |                                    |

|    |            |            |                   |       |       |
|----|------------|------------|-------------------|-------|-------|
| 22 | Q2514-08   | PS030999.D | 10 Jul 2025 21:00 | AR\AJ | Ok    |
| 23 | Q2514-09   | PS031000.D | 10 Jul 2025 21:25 | AR\AJ | Ok,M  |
| 24 | Q2514-10   | PS031001.D | 10 Jul 2025 21:49 | AR\AJ | ReRun |
| 25 | I.BLK      | PS031002.D | 10 Jul 2025 22:13 | AR\AJ | Ok    |
| 26 | HSTDCCC750 | PS031003.D | 10 Jul 2025 23:00 | AR\AJ | Ok,M  |

M : Manual Integration

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS061825**

|                                         |                                                         |                   |                                    |
|-----------------------------------------|---------------------------------------------------------|-------------------|------------------------------------|
| Review By                               | Abdul                                                   | Review On         | 6/19/2025 8:25:06 AM               |
| Supervise By                            | mohammad                                                | Supervise On      | 6/20/2025 8:27:44 AM               |
| SubDirectory                            | PS061825                                                | HP Acquire Method | HP Processing Method PS061825 8151 |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                                        |                   |                                    |
| Tune/Reschk<br>Initial Calibration Stds | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |                   |                                    |
| CCC                                     | PP24559                                                 |                   |                                    |
| Internal Standard/PEM                   |                                                         |                   |                                    |
| ICV/I.BLK                               | PP24562                                                 |                   |                                    |
| Surrogate Standard                      |                                                         |                   |                                    |
| MS/MSD Standard                         |                                                         |                   |                                    |
| LCS Standard                            |                                                         |                   |                                    |

| Sr# | SampleId    | ClientID    | Data File Name | Date-Time         | Comment                                | Operator | Status |
|-----|-------------|-------------|----------------|-------------------|----------------------------------------|----------|--------|
| 1   | HEXANE      | HEXANE      | PS030737.D     | 18 Jun 2025 10:37 |                                        | AR\AJ    | Ok     |
| 2   | I.BLK       | I.BLK       | PS030738.D     | 18 Jun 2025 11:01 |                                        | AR\AJ    | Ok     |
| 3   | HSTDICC200  | HSTDICC200  | PS030739.D     | 18 Jun 2025 11:25 |                                        | AR\AJ    | Ok,M   |
| 4   | HSTDICC500  | HSTDICC500  | PS030740.D     | 18 Jun 2025 11:49 |                                        | AR\AJ    | Ok     |
| 5   | HSTDICC750  | HSTDICC750  | PS030741.D     | 18 Jun 2025 12:13 |                                        | AR\AJ    | Ok,M   |
| 6   | HSTDICC1000 | HSTDICC1000 | PS030742.D     | 18 Jun 2025 12:37 |                                        | AR\AJ    | Ok,M   |
| 7   | HSTDICC1500 | HSTDICC1500 | PS030743.D     | 18 Jun 2025 13:29 |                                        | AR\AJ    | Ok,M   |
| 8   | HSTDICV750  | ICVPS061825 | PS030744.D     | 18 Jun 2025 14:18 |                                        | AR\AJ    | Ok,M   |
| 9   | I.BLK       | I.BLK       | PS030745.D     | 18 Jun 2025 14:44 |                                        | AR\AJ    | Ok     |
| 10  | HSTDCCC750  | HSTDCCC750  | PS030746.D     | 18 Jun 2025 15:08 |                                        | AR\AJ    | Ok,M   |
| 11  | Q2312-01MS  | TP-1MS      | PS030747.D     | 18 Jun 2025 17:07 | some compounds fail for recovery       | AR\AJ    | Ok,M   |
| 12  | Q2312-01MSD | TP-1MSD     | PS030748.D     | 18 Jun 2025 17:31 | some compounds fail for recovery & RPD | AR\AJ    | Ok,M   |
| 13  | I.BLK       | I.BLK       | PS030749.D     | 18 Jun 2025 17:55 |                                        | AR\AJ    | Ok     |
| 14  | HSTDCCC750  | HSTDCCC750  | PS030750.D     | 18 Jun 2025 18:19 |                                        | AR\AJ    | Ok,M   |

M : Manual Integration

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS070725**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 7/8/2025 4:24:01 PM                |
| Supervise By | mohammad | Supervise On      | 7/10/2025 2:03:24 AM               |
| SubDirectory | PS070725 | HP Acquire Method | HP Processing Method ps061825 8151 |

| STD. NAME                                                          | STD REF.#                                               |
|--------------------------------------------------------------------|---------------------------------------------------------|
| Tune/Reschk<br>Initial Calibration Stds                            | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |
| CCC<br>Internal Standard/PEM                                       | PP24559                                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24562                                                 |

| Sr# | SampleID   | ClientID   | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|------------|------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE     | HEXANE     | PS030915.D     | 07 Jul 2025 09:13 |         | AR\AJ    | Ok     |
| 2   | I.BLK      | I.BLK      | PS030916.D     | 07 Jul 2025 09:37 |         | AR\AJ    | Ok     |
| 3   | HSTDCCC750 | HSTDCCC750 | PS030917.D     | 07 Jul 2025 10:01 |         | AR\AJ    | Ok,M   |
| 4   | Q2458-02   | TP-55      | PS030918.D     | 07 Jul 2025 10:37 |         | AR\AJ    | Ok,M   |
| 5   | Q2458-03   | TP-68      | PS030919.D     | 07 Jul 2025 11:01 |         | AR\AJ    | Ok     |
| 6   | Q2458-04   | TP-67      | PS030920.D     | 07 Jul 2025 11:26 |         | AR\AJ    | Ok     |
| 7   | Q2458-05   | TP-66      | PS030921.D     | 07 Jul 2025 11:50 |         | AR\AJ    | Ok,M   |
| 8   | Q2458-06   | TP-60      | PS030922.D     | 07 Jul 2025 12:14 |         | AR\AJ    | Ok,M   |
| 9   | Q2458-07   | TP-62      | PS030923.D     | 07 Jul 2025 12:38 |         | AR\AJ    | Ok     |
| 10  | Q2458-08   | TP-63      | PS030924.D     | 07 Jul 2025 13:02 |         | AR\AJ    | Ok,M   |
| 11  | Q2458-09   | TP-59      | PS030925.D     | 07 Jul 2025 13:27 |         | AR\AJ    | Ok,M   |
| 12  | Q2473-01   | PIT#1      | PS030926.D     | 07 Jul 2025 15:27 |         | AR\AJ    | Ok     |
| 13  | I.BLK      | I.BLK      | PS030927.D     | 07 Jul 2025 18:47 |         | AR\AJ    | Ok     |
| 14  | HSTDCCC750 | HSTDCCC750 | PS030928.D     | 07 Jul 2025 19:11 |         | AR\AJ    | Ok,M   |
| 15  | Q2473-02   | PIT#2      | PS030929.D     | 07 Jul 2025 19:59 |         | AR\AJ    | Ok     |
| 16  | Q2473-03   | PIT#3      | PS030930.D     | 07 Jul 2025 20:24 |         | AR\AJ    | Ok,M   |
| 17  | I.BLK      | I.BLK      | PS030931.D     | 07 Jul 2025 20:48 |         | AR\AJ    | Ok     |
| 18  | HSTDCCC750 | HSTDCCC750 | PS030932.D     | 07 Jul 2025 21:36 |         | AR\AJ    | Ok,M   |

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS070725**

|                                         |                                                         |                   |                                    |
|-----------------------------------------|---------------------------------------------------------|-------------------|------------------------------------|
| Review By                               | Abdul                                                   | Review On         | 7/8/2025 4:24:01 PM                |
| Supervise By                            | mohammad                                                | Supervise On      | 7/10/2025 2:03:24 AM               |
| SubDirectory                            | PS070725                                                | HP Acquire Method | HP Processing Method ps061825 8151 |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                                        |                   |                                    |
| Tune/Reschk<br>Initial Calibration Stds | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |                   |                                    |
| CCC                                     | PP24559                                                 |                   |                                    |
| Internal Standard/PEM                   | PP24562                                                 |                   |                                    |
| ICV/I.BLK                               |                                                         |                   |                                    |
| Surrogate Standard                      |                                                         |                   |                                    |
| MS/MSD Standard                         |                                                         |                   |                                    |
| LCS Standard                            |                                                         |                   |                                    |

|    |            |            |            |                   |                         |       |        |
|----|------------|------------|------------|-------------------|-------------------------|-------|--------|
| 19 | Q2473-04   | PIT#4      | PS030933.D | 07 Jul 2025 22:00 |                         | AR\AJ | Ok     |
| 20 | Q2484-01   | TP-58      | PS030934.D | 07 Jul 2025 22:25 |                         | AR\AJ | Ok,M   |
| 21 | Q2484-02   | TP-57      | PS030935.D | 07 Jul 2025 22:49 |                         | AR\AJ | Ok,M   |
| 22 | Q2484-03   | TP-64      | PS030936.D | 07 Jul 2025 23:13 | Surr low in both column | AR\AJ | Not Ok |
| 23 | Q2484-04   | TP-107     | PS030937.D | 07 Jul 2025 23:37 |                         | AR\AJ | Ok     |
| 24 | Q2484-05   | TP-106     | PS030938.D | 08 Jul 2025 00:01 |                         | AR\AJ | Ok     |
| 25 | Q2484-06   | TP-104     | PS030939.D | 08 Jul 2025 00:25 |                         | AR\AJ | Ok,M   |
| 26 | I.BLK      | I.BLK      | PS030940.D | 08 Jul 2025 00:50 |                         | AR\AJ | Ok     |
| 27 | HSTDCCC750 | HSTDCCC750 | PS030941.D | 08 Jul 2025 01:38 |                         | AR\AJ | Ok,M   |

M : Manual Integration

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS070825**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 7/9/2025 8:56:21 AM                |
| Supervise By | mohammad | Supervise On      | 7/10/2025 2:04:22 AM               |
| SubDirectory | PS070825 | HP Acquire Method | HP Processing Method ps061825 8151 |

| STD. NAME                               | STD REF.#                                               |
|-----------------------------------------|---------------------------------------------------------|
| Tune/Reschk<br>Initial Calibration Stds | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |
| CCC                                     | PP24559                                                 |
| Internal Standard/PEM                   |                                                         |
| ICV/I.BLK                               | PP24562                                                 |
| Surrogate Standard                      |                                                         |
| MS/MSD Standard                         |                                                         |
| LCS Standard                            |                                                         |

| Sr# | SampleId    | ClientID    | Data File Name | Date-Time         | Comment                            | Operator | Status |
|-----|-------------|-------------|----------------|-------------------|------------------------------------|----------|--------|
| 1   | HEXANE      | HEXANE      | PS030942.D     | 08 Jul 2025 08:13 |                                    | AR\AJ    | Ok     |
| 2   | I.BLK       | I.BLK       | PS030943.D     | 08 Jul 2025 08:37 |                                    | AR\AJ    | Ok     |
| 3   | HSTDCCC750  | HSTDCCC750  | PS030944.D     | 08 Jul 2025 09:27 |                                    | AR\AJ    | Ok,NR  |
| 4   | Q2478-01    | WC-1        | PS030945.D     | 08 Jul 2025 09:51 |                                    | AR\AJ    | Ok,M   |
| 5   | Q2458-01    | TP-76       | PS030946.D     | 08 Jul 2025 11:55 |                                    | AR\AJ    | Ok     |
| 6   | PB168706BL  | PB168706BL  | PS030947.D     | 08 Jul 2025 12:19 |                                    | AR\AJ    | Ok     |
| 7   | PB168706BS  | PB168706BS  | PS030948.D     | 08 Jul 2025 12:43 | F Flag in comp#14,16 in 1st column | AR\AJ    | Not Ok |
| 8   | Q2458-01MS  | TP-76MS     | PS030949.D     | 08 Jul 2025 13:07 | some compound recovery fail        | AR\AJ    | Ok,M   |
| 9   | Q2458-01MSD | TP-76MSD    | PS030950.D     | 08 Jul 2025 13:32 | some compound recovery fail        | AR\AJ    | Ok,M   |
| 10  | PB168717BL  | PB168717BL  | PS030951.D     | 08 Jul 2025 13:56 |                                    | AR\AJ    | Ok     |
| 11  | PB168717BS  | PB168717BS  | PS030952.D     | 08 Jul 2025 14:20 |                                    | AR\AJ    | Ok,M   |
| 12  | PB168717BSD | PB168717BSD | PS030953.D     | 08 Jul 2025 14:52 |                                    | AR\AJ    | Ok,M   |
| 13  | Q2458-10    | FB-06272025 | PS030954.D     | 08 Jul 2025 15:16 |                                    | AR\AJ    | Ok     |
| 14  | I.BLK       | I.BLK       | PS030955.D     | 08 Jul 2025 15:41 |                                    | AR\AJ    | Ok     |
| 15  | HSTDCCC750  | HSTDCCC750  | PS030956.D     | 08 Jul 2025 16:05 |                                    | AR\AJ    | Ok,NR  |

M : Manual Integration

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS070925**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 7/10/2025 8:22:37 AM               |
| Supervise By | mohammad | Supervise On      | 7/11/2025 1:36:44 AM               |
| SubDirectory | PS070925 | HP Acquire Method | HP Processing Method ps061825 8151 |

| STD. NAME                               | STD REF.#                                               |
|-----------------------------------------|---------------------------------------------------------|
| Tune/Reschk<br>Initial Calibration Stds | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |
| CCC                                     | PP24559                                                 |
| Internal Standard/PEM                   |                                                         |
| ICV/I.BLK                               | PP24562                                                 |
| Surrogate Standard                      |                                                         |
| MS/MSD Standard                         |                                                         |
| LCS Standard                            |                                                         |

| Sr# | SampleID    | ClientID   | Data File Name | Date-Time         | Comment                                    | Operator | Status |
|-----|-------------|------------|----------------|-------------------|--------------------------------------------|----------|--------|
| 1   | HEXANE      | HEXANE     | PS030957.D     | 09 Jul 2025 09:08 |                                            | AR\AJ    | Ok     |
| 2   | I.BLK       | I.BLK      | PS030958.D     | 09 Jul 2025 09:32 |                                            | AR\AJ    | Ok     |
| 3   | HSTDCCC750  | HSTDCCC750 | PS030959.D     | 09 Jul 2025 11:36 |                                            | AR\AJ    | Ok,NR  |
| 4   | Q2493-01    | WC-11      | PS030960.D     | 09 Jul 2025 12:00 |                                            | AR\AJ    | Ok     |
| 5   | Q2493-01MS  | WC-11MS    | PS030961.D     | 09 Jul 2025 12:24 | F Flag in comp#1,9, comp # 14 not detected | AR\AJ    | Not Ok |
| 6   | Q2493-01MSD | WC-11MSD   | PS030962.D     | 09 Jul 2025 12:48 | F Flag in comp#1,9, comp # 14 not detected | AR\AJ    | Not Ok |
| 7   | PB168753BL  | PB168753BL | PS030963.D     | 09 Jul 2025 13:12 |                                            | AR\AJ    | Ok     |
| 8   | PB168753BS  | PB168753BS | PS030964.D     | 09 Jul 2025 13:36 |                                            | AR\AJ    | Ok,M   |
| 9   | PB168706BS  | PB168706BS | PS030965.D     | 09 Jul 2025 14:04 |                                            | AR\AJ    | Ok,M   |
| 10  | I.BLK       | I.BLK      | PS030966.D     | 09 Jul 2025 14:28 |                                            | AR\AJ    | Ok     |
| 11  | HSTDCCC750  | HSTDCCC750 | PS030967.D     | 09 Jul 2025 14:52 |                                            | AR\AJ    | Ok,NR  |
| 12  | Q2487-09    | G4(0-6)    | PS030968.D     | 09 Jul 2025 15:17 | Surrogate low in 1st column                | AR\AJ    | ReRun  |
| 13  | Q2487-10    | G4(6-12)   | PS030969.D     | 09 Jul 2025 15:41 |                                            | AR\AJ    | Ok     |
| 14  | Q2487-11    | G3(0-6)    | PS030970.D     | 09 Jul 2025 16:05 | Surrogate low in 1st column                | AR\AJ    | ReRun  |
| 15  | Q2487-12    | G3(6-12)   | PS030971.D     | 09 Jul 2025 16:29 |                                            | AR\AJ    | Ok,M   |
| 16  | Q2487-13    | G2(0-6)    | PS030972.D     | 09 Jul 2025 16:53 |                                            | AR\AJ    | Ok     |
| 17  | Q2487-14    | G2(6-12)   | PS030973.D     | 09 Jul 2025 17:17 | surrogate fail in both column              | AR\AJ    | Not Ok |

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS070925**

| Review By                               | Abdul                                                   | Review On         | 7/10/2025 8:22:37 AM               |
|-----------------------------------------|---------------------------------------------------------|-------------------|------------------------------------|
| Supervise By                            | mohammad                                                | Supervise On      | 7/11/2025 1:36:44 AM               |
| SubDirectory                            | PS070925                                                | HP Acquire Method | HP Processing Method ps061825 8151 |
| STD. NAME                               | STD REF.#                                               |                   |                                    |
| Tune/Reschk<br>Initial Calibration Stds | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |                   |                                    |
| CCC                                     | PP24559                                                 |                   |                                    |
| Internal Standard/PEM                   | PP24562                                                 |                   |                                    |
| ICV/I.BLK                               |                                                         |                   |                                    |
| Surrogate Standard                      |                                                         |                   |                                    |
| MS/MSD Standard                         |                                                         |                   |                                    |
| LCS Standard                            |                                                         |                   |                                    |

|    |            |            |            |                   |                                                                                                |       |        |
|----|------------|------------|------------|-------------------|------------------------------------------------------------------------------------------------|-------|--------|
| 18 | Q2487-15   | G1(0-6)    | PS030974.D | 09 Jul 2025 17:42 | Surrogate low in both column                                                                   | AR\AJ | Not Ok |
| 19 | Q2487-16   | G1(6-12)   | PS030975.D | 09 Jul 2025 18:06 | Surrogate low in both column F<br>flag in surrogate in 2nd column ,<br>no proper surrogate hit | AR\AJ | Not Ok |
| 20 | I.BLK      | I.BLK      | PS030976.D | 09 Jul 2025 18:30 |                                                                                                | AR\AJ | Ok     |
| 21 | HSTDCCC750 | HSTDCCC750 | PS030977.D | 10 Jul 2025 02:37 |                                                                                                | AR\AJ | Ok,NR  |

M : Manual Integration



Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS071025**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 7/11/2025 8:22:34 AM               |
| Supervise By | mohammad | Supervise On      | 7/11/2025 9:09:38 AM               |
| SubDirectory | PS071025 | HP Acquire Method | HP Processing Method ps061825 8151 |

| STD. NAME                               | STD REF.#                                               |
|-----------------------------------------|---------------------------------------------------------|
| Tune/Reschk<br>Initial Calibration Stds | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |
| CCC                                     | PP24559                                                 |
| Internal Standard/PEM                   |                                                         |
| ICV/I.BLK                               | PP24562                                                 |
| Surrogate Standard                      |                                                         |
| MS/MSD Standard                         |                                                         |
| LCS Standard                            |                                                         |

| Sr# | SampleID    | ClientID   | Data File Name | Date-Time         | Comment                                                                    | Operator | Status   |
|-----|-------------|------------|----------------|-------------------|----------------------------------------------------------------------------|----------|----------|
| 1   | HEXANE      | HEXANE     | PS030978.D     | 10 Jul 2025 09:00 |                                                                            | AR\AJ    | Ok       |
| 2   | I.BLK       | I.BLK      | PS030979.D     | 10 Jul 2025 09:24 |                                                                            | AR\AJ    | Ok       |
| 3   | HSTDCCC750  | HSTDCCC750 | PS030980.D     | 10 Jul 2025 09:48 |                                                                            | AR\AJ    | Ok,M     |
| 4   | Q2493-01MS  | WC-11MS    | PS030981.D     | 10 Jul 2025 10:36 | Comp#14 not detected , F Flag in Comp#1.9.16 . some compound recovery fail | AR\AJ    | Not Ok   |
| 5   | Q2493-01MSD | WC-11MSD   | PS030982.D     | 10 Jul 2025 11:15 | Comp#14 not detected , F Flag in Comp#1.16 . some compound recovery fail   | AR\AJ    | Not Ok   |
| 6   | Q2487-09RE  | G4(0-6)RE  | PS030983.D     | 10 Jul 2025 11:46 | Surrogate low in 1st column                                                | AR\AJ    | Confirms |
| 7   | Q2487-11RE  | G3(0-6)RE  | PS030984.D     | 10 Jul 2025 12:10 | Surrogate low in 1st column                                                | AR\AJ    | Confirms |
| 8   | Q2487-14    | G2(6-12)   | PS030985.D     | 10 Jul 2025 13:03 |                                                                            | AR\AJ    | Ok       |
| 9   | Q2487-15    | G1(0-6)    | PS030986.D     | 10 Jul 2025 14:20 |                                                                            | AR\AJ    | Ok       |
| 10  | Q2487-16    | G1(6-12)   | PS030987.D     | 10 Jul 2025 14:44 |                                                                            | AR\AJ    | Ok       |
| 11  | Q2484-03    | TP-64      | PS030988.D     | 10 Jul 2025 16:06 |                                                                            | AR\AJ    | Ok       |
| 12  | I.BLK       | I.BLK      | PS030989.D     | 10 Jul 2025 16:34 |                                                                            | AR\AJ    | Ok       |
| 13  | HSTDCCC750  | HSTDCCC750 | PS030990.D     | 10 Jul 2025 16:59 |                                                                            | AR\AJ    | Ok,M     |
| 14  | Q2517-01    | TP-14      | PS030991.D     | 10 Jul 2025 17:47 | Surrogate low in 2nd column                                                | AR\AJ    | ReRun    |
| 15  | Q2514-01    | TP-92      | PS030992.D     | 10 Jul 2025 18:11 |                                                                            | AR\AJ    | Ok       |
| 16  | Q2514-02    | TP-93      | PS030993.D     | 10 Jul 2025 18:35 |                                                                            | AR\AJ    | Ok       |

Instrument ID: ECD\_S

**Daily Analysis Runlog For Sequence/QC Batch ID # PS071025**

|                                         |                                                         |                   |                                    |
|-----------------------------------------|---------------------------------------------------------|-------------------|------------------------------------|
| Review By                               | Abdul                                                   | Review On         | 7/11/2025 8:22:34 AM               |
| Supervise By                            | mohammad                                                | Supervise On      | 7/11/2025 9:09:38 AM               |
| SubDirectory                            | PS071025                                                | HP Acquire Method | HP Processing Method ps061825 8151 |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                                        |                   |                                    |
| Tune/Reschk<br>Initial Calibration Stds | PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560 |                   |                                    |
| CCC                                     | PP24559                                                 |                   |                                    |
| Internal Standard/PEM                   | PP24562                                                 |                   |                                    |
| ICV/I.BLK                               |                                                         |                   |                                    |
| Surrogate Standard                      |                                                         |                   |                                    |
| MS/MSD Standard                         |                                                         |                   |                                    |
| LCS Standard                            |                                                         |                   |                                    |

|    |            |            |            |                   |                             |       |       |
|----|------------|------------|------------|-------------------|-----------------------------|-------|-------|
| 17 | Q2514-03   | TP-94      | PS030994.D | 10 Jul 2025 19:00 |                             | AR\AJ | Ok    |
| 18 | Q2514-04   | TP-96      | PS030995.D | 10 Jul 2025 19:24 |                             | AR\AJ | Ok    |
| 19 | Q2514-05   | TP-97      | PS030996.D | 10 Jul 2025 19:48 |                             | AR\AJ | Ok    |
| 20 | Q2514-06   | TP-103     | PS030997.D | 10 Jul 2025 20:12 |                             | AR\AJ | Ok    |
| 21 | Q2514-07   | TP-36      | PS030998.D | 10 Jul 2025 20:36 |                             | AR\AJ | Ok    |
| 22 | Q2514-08   | TP-78      | PS030999.D | 10 Jul 2025 21:00 |                             | AR\AJ | Ok    |
| 23 | Q2514-09   | TP-81      | PS031000.D | 10 Jul 2025 21:25 |                             | AR\AJ | Ok,M  |
| 24 | Q2514-10   | TP-90      | PS031001.D | 10 Jul 2025 21:49 | Surrogate low in 1st column | AR\AJ | ReRun |
| 25 | I.BLK      | I.BLK      | PS031002.D | 10 Jul 2025 22:13 |                             | AR\AJ | Ok    |
| 26 | HSTDCCC750 | HSTDCCC750 | PS031003.D | 10 Jul 2025 23:00 |                             | AR\AJ | Ok,M  |

M : Manual Integration

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:35  
In Date: 07/02/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:22  
Out Date: 07/03/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB136354

| Lab ID   | Client SampleID | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments    |
|----------|-----------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-------------|
| Q2480-01 | GPX1            | 1      | 1.15           | 10.52        | 11.67                   | 10.44                     | 88.3    |             |
| Q2480-02 | GPX2            | 2      | 1.19           | 10.60        | 11.79                   | 10.66                     | 89.3    |             |
| Q2480-03 | GPX3            | 3      | 1.15           | 10.84        | 11.99                   | 10.77                     | 88.7    |             |
| Q2480-04 | GPX4            | 4      | 1.13           | 10.84        | 11.97                   | 10.66                     | 87.9    |             |
| Q2480-05 | GPX5            | 5      | 1.13           | 10.53        | 11.66                   | 10.55                     | 89.5    |             |
| Q2480-06 | GPX6            | 6      | 1.17           | 10.56        | 11.73                   | 10.35                     | 86.9    |             |
| Q2480-07 | GPX7            | 7      | 1.18           | 10.59        | 11.77                   | 10.48                     | 87.8    |             |
| Q2480-08 | GPX8            | 8      | 1.18           | 10.37        | 11.55                   | 10.22                     | 87.2    |             |
| Q2484-01 | TP-58           | 9      | 1.19           | 10.77        | 11.96                   | 10.47                     | 86.2    |             |
| Q2484-02 | TP-57           | 10     | 1.18           | 10.22        | 11.4                    | 9.97                      | 86.0    |             |
| Q2484-03 | TP-64           | 11     | 1.16           | 10.50        | 11.66                   | 10.44                     | 88.4    |             |
| Q2484-04 | TP-107          | 12     | 1.13           | 10.69        | 11.82                   | 10.09                     | 83.8    |             |
| Q2484-05 | TP-1006         | 13     | 1.14           | 10.48        | 11.62                   | 10.35                     | 87.9    |             |
| Q2484-06 | TP-104          | 14     | 1.15           | 10.29        | 11.44                   | 10.13                     | 87.3    |             |
| Q2486-01 | WASTE           | 15     | 1.16           | 10.31        | 11.47                   | 9.77                      | 83.5    |             |
| Q2486-02 | VOC             | 16     | 1.18           | 11.32        | 12.5                    | 10.65                     | 83.7    |             |
| Q2486-03 | 1               | 17     | 1.15           | 10.80        | 11.95                   | 10.24                     | 84.2    |             |
| Q2486-04 | 2               | 18     | 1.13           | 10.46        | 11.59                   | 9.74                      | 82.3    |             |
| Q2486-05 | 3               | 19     | 1.13           | 10.78        | 11.91                   | 10.12                     | 83.4    |             |
| Q2486-06 | 4               | 20     | 1.19           | 10.00        | 11.19                   | 9.65                      | 84.6    |             |
| Q2486-07 | 5               | 21     | 1.19           | 10.26        | 11.45                   | 8.79                      | 74.1    |             |
| Q2491-01 | EO-1-070225     | 22     | 1.19           | 10.51        | 11.7                    | 10.9                      | 92.4    |             |
| Q2491-02 | EO-1-070225-E2  | 23     | 1.15           | 10.14        | 11.29                   | 10.5                      | 92.2    |             |
| Q2492-01 | VNJ-254-1       | 24     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q2492-02 | VNJ-254-2       | 25     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q2493-01 | WC-11           | 26     | 1.13           | 10.45        | 11.58                   | 10.4                      | 88.7    |             |
| Q2493-02 | WC-11-EPH       | 27     | 1.19           | 10.23        | 11.42                   | 9.72                      | 83.4    |             |
| Q2493-03 | WC-11-VOC       | 28     | 1.14           | 9.89         | 11.03                   | 10.2                      | 91.6    |             |

**PERCENT SOLID**

**Supervisor:** Iwona  
**Analyst:** jignesh  
**Date:** 7/3/2025

**OVENTEMP IN Celsius(°C):** 107  
**Time IN:** 17:35  
**In Date:** 07/02/2025  
**Weight Check 1.0g:** 1.00  
**Weight Check 10g:** 10.00  
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104  
**Time OUT:** 08:22  
**Out Date:** 07/03/2025  
**Weight Check 1.0g:** 1.00  
**Weight Check 10g:** 10.00  
**BalanceID:** M SC-4  
**Thermometer ID:** % SOLID-OVEN

QC:LB136354

| Lab ID   | Client SampleID      | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments              |
|----------|----------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-----------------------|
| Q2494-01 | Playhouse/Storag     | 35     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Caulk sample          |
| Q2494-02 | Playhouse/Storag     | 36     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | chair form            |
| Q2494-03 | Garage Seat Foa      | 37     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | seat form             |
| Q2494-04 | Black foam in Sou    | 38     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | black form            |
| Q2494-05 | Kids Room styof      | 39     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | yellow form           |
| Q2494-06 | Kids Room Lower      | 40     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | form                  |
| Q2494-07 | Kids Room styof      | 41     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | styra form            |
| Q2494-08 | Dog Beg Foam         | 42     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | bag form              |
| Q2494-09 | Cotton Layer - Ott   | 43     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | cotton layer          |
| Q2494-10 | Foam Ottoman         | 44     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | form ottoman          |
| Q2494-11 | Foyer North Wall     | 45     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | foyer north wall plug |
| Q2494-12 | NE Stucco Exterio    | 46     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | stucco exterior       |
| Q2494-13 | Master Mattress      | 47     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | mattress              |
| Q2495-01 | Chair Foam Parke     | 48     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | chair form            |
| Q2495-02 | SE Bedroom (3rd      | 49     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | mattress              |
| Q2495-03 | E Bedroom Ceilin     | 50     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | ceiling plug          |
| Q2495-04 | South East Ceilining | 51     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | east selling plug     |
| Q2495-05 | Master Bathroom      | 52     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | selling plug          |
| Q2495-06 | 3rd Fl Hallway N     | 53     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | hoalway selling       |
| Q2495-07 | SE Bedroom Park      | 54     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | bedrom plug           |
| Q2495-08 | Family Room SW       | 55     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | family plug           |
| Q2495-09 | Foyer SE Corner P    | 56     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | foyer plug            |
| Q2495-10 | Green Carpet Pad     | 57     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | green carpet pad      |
| Q2495-11 | Rug in Dining Roo    | 58     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | rug                   |
| Q2495-12 | LR Couch Cushion     | 59     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | couch cushion         |
| Q2495-13 | Dining Room W        | 60     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wood and foam         |
| Q2495-14 | Kitchen Dining E     | 61     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | kithean rug           |
| Q2495-15 | Garage Southwes      | 62     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | plug                  |

**PERCENT SOLID**

**Supervisor:** Iwona  
**Analyst:** jignesh  
**Date:** 7/3/2025

**OVENTEMP IN Celsius(°C):** 107  
**Time IN:** 17:35  
**In Date:** 07/02/2025  
**Weight Check 1.0g:** 1.00  
**Weight Check 10g:** 10.00  
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104  
**Time OUT:** 08:22  
**Out Date:** 07/03/2025  
**Weight Check 1.0g:** 1.00  
**Weight Check 10g:** 10.00  
**BalanceID:** M SC-4  
**Thermometer ID:** % SOLID-OVEN

QC:LB136354

| Lab ID   | Client SampleID    | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments          |
|----------|--------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-------------------|
| Q2495-16 | Zack"s Matterss    | 63     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | mattess           |
| Q2495-17 | Zack"s Couch       | 64     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | zacks couch       |
| Q2496-02 | N exterior center  | 65     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | stucco wall       |
| Q2496-03 | Basement south     | 66     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wall cavity stucc |
| Q2496-04 | Entertainment ro   | 67     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | hvac close        |
| Q2496-05 | Black mat outside  | 68     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | outside mat       |
| Q2496-06 | Basement bedroom   | 69     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | bedrom form       |
| Q2496-07 | Basement bedroom-1 | 70     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | window plug       |
| Q2496-08 | Basement bedroom-2 | 71     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | window plug       |
| Q2496-09 | Maeve"s room ma    | 72     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | mattess           |
| Q2496-10 | Master bedroom     | 73     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | rug               |
| Q2496-11 | Master bedroom-1   | 74     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | chair form        |
| Q2496-12 | Master bedroom-2   | 75     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | mattess form      |
| Q2496-13 | Master bedroom-3   | 76     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | office chair form |
| Q2496-14 | SE bedroom brow    | 77     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | form              |
| Q2496-15 | SE bedroom gray    | 78     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | gray cushion      |
| Q2496-16 | Maeves room gre    | 79     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | chair form        |
| Q2496-17 | Master bedroom-4   | 80     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | plug              |
| Q2496-18 | 3rd floor roof ent | 81     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | plug              |
| Q2496-19 | Living room couc   | 82     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | couch form        |
| Q2496-20 | Living room 2 sea  | 83     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | form              |
| Q2496-21 | Office leather cha | 84     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | form              |
| Q2496-22 | Pink shoe sole     | 85     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | shoe sole         |
| Q2496-23 | Living room rug S  | 86     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | rug               |
| Q2496-24 | Dining room NE c   | 87     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | plug              |
| Q2497-01 | SW bedroom (San    | 88     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | plug              |
| Q2497-02 | Salman s room SE   | 89     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | plug compossi     |
| Q2497-03 | Sanah s room bed   | 90     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | sanah form        |

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:35  
In Date: 07/02/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:22  
Out Date: 07/03/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB136354

| Lab ID   | Client SampleID     | Dish # | Dish Wt (g) (A) | Sample Wt (g) | Dish + Sample Wt (g) (B) | Dish+Dry Sample Wt (g) (C) | % Solid | Comments     |
|----------|---------------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|--------------|
| Q2497-04 | Salman s room m     | 91     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | mattess form |
| Q2497-05 | Master bed mattr    | 92     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | mattess      |
| Q2497-06 | Kaihaan s room m    | 93     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | form         |
| Q2497-07 | Garage foam yog     | 94     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | garage foam  |
| Q2497-08 | Living room west    | 95     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | form         |
| Q2497-09 | Entrance rug        | 96     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | rug          |
| Q2497-10 | south exterior re   | 97     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | form         |
| Q2497-11 | Garage gym floor    | 98     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | garage foam  |
| Q2497-12 | Rug by the back d   | 99     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | rug          |
| Q2497-13 | Guest bed mattre    | 100    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | mattess      |
| Q2497-14 | Garage backyard     | 101    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | garage foam  |
| Q2497-15 | LR SW conner chai   | 102    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | form         |
| Q2497-16 | Living room NE co   | 103    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | catters      |
| Q2497-17 | Dining room SW c    | 104    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | chair form   |
| Q2497-18 | LR SW rug corner    | 105    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | rug          |
| Q2497-19 | LR west wall plug   | 106    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | plug         |
| Q2497-20 | LR NE corner plug   | 107    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | plug         |
| Q2497-21 | office east wall pl | 108    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | plug         |
| Q2497-22 | Bedroom north w     | 109    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | plug         |
| Q2497-23 | Kitchen ceiling pl  | 110    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | celling plug |
| Q2498-01 | NE Bd bed foam      | 111    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | bedrom form  |
| Q2498-02 | NE Bd pillow foa    | 112    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | form         |
| Q2498-03 | Master bed NE m     | 113    | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | mattess      |
| Q2500-01 | X600-B2             | 29     | 1.15            | 10.84         | 11.99                    | 11.24                      | 93.1    |              |
| Q2500-02 | X600-S2             | 30     | 1.19            | 10.36         | 11.55                    | 10.6                       | 90.8    |              |
| Q2500-03 | X600-B1             | 31     | 1.13            | 10.42         | 11.55                    | 11.02                      | 94.9    |              |
| Q2500-04 | X600-S1             | 32     | 1.13            | 10.32         | 11.45                    | 10.6                       | 91.8    |              |
| Q2500-05 | X600-DUP1           | 33     | 1.14            | 10.85         | 11.99                    | 11.3                       | 93.6    |              |



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:35  
In Date: 07/02/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:22  
Out Date: 07/03/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB136354

| Lab ID   | Client SampleID | Dish # | Dish Wt (g) (A) | Sample Wt (g) | Dish + Sample Wt (g) (B) | Dish+Dry Sample Wt (g) (C) | % Solid | Comments |
|----------|-----------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|----------|
| Q2500-06 | X600-S3         | 34     | 1.11            | 10.71         | 11.82                    | 11.18                      | 94.0    |          |

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

# WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2480-01 | GPX1            | Solid  | Percent Solids | Cool 4 deg C | GENV01   | A43                         | 06/30/2025   | Chemtech -SO |
| Q2480-02 | GPX2            | Solid  | Percent Solids | Cool 4 deg C | GENV01   | A43                         | 06/30/2025   | Chemtech -SO |
| Q2480-03 | GPX3            | Solid  | Percent Solids | Cool 4 deg C | GENV01   | A43                         | 07/01/2025   | Chemtech -SO |
| Q2480-04 | GPX4            | Solid  | Percent Solids | Cool 4 deg C | GENV01   | A43                         | 07/01/2025   | Chemtech -SO |
| Q2480-05 | GPX5            | Solid  | Percent Solids | Cool 4 deg C | GENV01   | A43                         | 07/01/2025   | Chemtech -SO |
| Q2480-06 | GPX6            | Solid  | Percent Solids | Cool 4 deg C | GENV01   | A43                         | 07/01/2025   | Chemtech -SO |
| Q2480-07 | GPX7            | Solid  | Percent Solids | Cool 4 deg C | GENV01   | A43                         | 07/01/2025   | Chemtech -SO |
| Q2480-08 | GPX8            | Solid  | Percent Solids | Cool 4 deg C | GENV01   | A43                         | 07/01/2025   | Chemtech -SO |
| Q2484-01 | TP-58           | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | A12                         | 07/01/2025   | Chemtech -SO |
| Q2484-02 | TP-57           | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | A12                         | 07/01/2025   | Chemtech -SO |
| Q2484-03 | TP-64           | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | A12                         | 07/01/2025   | Chemtech -SO |
| Q2484-04 | TP-107          | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | A12                         | 07/01/2025   | Chemtech -SO |
| Q2484-05 | TP-1008         | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | A12                         | 07/01/2025   | Chemtech -SO |
| Q2484-06 | TP-104          | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | A12                         | 07/01/2025   | Chemtech -SO |
| Q2486-01 | WASTE           | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | A61                         | 07/01/2025   | Chemtech -SO |
| Q2486-02 | VOC             | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | A61                         | 07/01/2025   | Chemtech -SO |
| Q2486-03 | 1               | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | A61                         | 07/01/2025   | Chemtech -SO |
| Q2486-04 | 2               | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | A61                         | 07/01/2025   | Chemtech -SO |
| Q2486-05 | 3               | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | A61                         | 07/01/2025   | Chemtech -SO |
| Q2486-06 | 4               | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | A61                         | 07/01/2025   | Chemtech -SO |
| Q2486-07 | 5               | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | A61                         | 07/01/2025   | Chemtech -SO |

Date/Time 07/02/25 15:00

Raw Sample Received by: 8690C

Raw Sample Relinquished by: 8690C

Date/Time 07/02/25

Raw Sample Received by: 8690C

Raw Sample Relinquished by: 8690C



# WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

| Sample   | Customer Sample    | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|--------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2491-01 | EO-1-070225        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A61                         | 07/02/2025   | Chemtech -SO |
| Q2491-02 | EO-1-070225-E2     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A61                         | 07/02/2025   | Chemtech -SO |
| Q2492-01 | VNJ-254-1          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A61                         | 07/02/2025   | Chemtech -SO |
| Q2492-02 | VNJ-254-2          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A61                         | 07/02/2025   | Chemtech -SO |
| Q2493-01 | WC-11              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A43                         | 07/02/2025   | Chemtech -SO |
| Q2493-02 | WC-11-EPH          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A43                         | 07/02/2025   | Chemtech -SO |
| Q2493-03 | WC-11-VOC          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A43                         | 07/02/2025   | Chemtech -SO |
| Q2494-01 | Playhouse/Storage  | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2494-02 | Playhouse/Storage  | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2494-03 | Garage Seat Foa    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2494-04 | Black foam in Sou  | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2494-05 | Kids Room styof    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2494-06 | Kids Room Lower    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2494-07 | Kids Room styof    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2494-08 | Dog Beg Foam       | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2494-09 | Cotton Layer - Ott | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2494-10 | Foam Ottoman       | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2494-11 | Foyer North Wall   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2494-12 | NE Stucco Exterio  | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2494-13 | Master Mattress    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/25/2025   | Chemtech -SO |
| Q2495-01 | Chair Foam Parke   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |

Date/Time 07/02/25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 07/02/25 17:13

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

# WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

| Sample   | Customer Sample    | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|--------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2495-02 | SE Bedroom (3rd    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-03 | E Bedroom Ceilin   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-04 | South East Ceiling | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-05 | Master Bathroom    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-06 | 3rd Fl Hallway N   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-07 | SE Bedroom Park    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-08 | Family Room SW     | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-09 | Foyer SE Corner P  | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-10 | Green Carpet Pad   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-11 | Rug in Dining Roo  | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-12 | LR Couch Cushion   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-13 | Dining Room W      | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-14 | Kitchen Dining E   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-15 | Garage Southwes    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-16 | Zack's Matterss    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2495-17 | Zack's Couch       | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2496-02 | N exterior center  | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A53                         | 06/11/2025   | Chemtech -SO |
| Q2496-03 | Basement south     | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-04 | Entertainment ro   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-05 | Black mat outside  | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-06 | Basement bedroom   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |

Date/Time 07/02/25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 07/02/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

# WORKLIST(Hardcopy Internal Chain)

17136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

| Sample   | Customer Sample    | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|--------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2496-07 | Basement bedroom-1 | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-08 | Basement bedroom-2 | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-09 | Maeve's room ma    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-10 | Master bedroom     | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-11 | Master bedroom-1   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-12 | Master bedroom-2   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-13 | Master bedroom-3   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-14 | SE bedroom brow    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-15 | SE bedroom gray    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-16 | Maeves room gre    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-17 | Master bedroom-4   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-18 | 3rd floor roof ent | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-19 | Living room couc   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-20 | Living room 2 sea  | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-21 | Office leather cha | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-22 | Pink shoe sole     | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-23 | Living room rug S  | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2496-24 | Dining room NE c   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2497-01 | SW bedroom (San    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/14/2025   | Chemtech -SO |
| Q2497-02 | Salman s room SE   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/15/2025   | Chemtech -SO |
| Q2497-03 | Sanah s room bed   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/15/2025   | Chemtech -SO |

Date/Time 07/02/25 15:00  
 Raw Sample Received by: SS WWC  
 Raw Sample Relinquished by: SS WWC

Date/Time 07/02/25 17:35  
 Raw Sample Received by: SS WWC  
 Raw Sample Relinquished by: SS WWC

# WORKLIST(Hardcopy Internal Chain)

NR136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

| Sample   | Customer Sample     | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|---------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2497-04 | Salman s room m     | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/15/2025   | Chemtech -SO |
| Q2497-05 | Master bed matr     | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/15/2025   | Chemtech -SO |
| Q2497-06 | Kaihaan s room m    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/15/2025   | Chemtech -SO |
| Q2497-07 | Garage foam yog     | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/15/2025   | Chemtech -SO |
| Q2497-08 | Living room west    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/15/2025   | Chemtech -SO |
| Q2497-09 | Entrance rug        | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/15/2025   | Chemtech -SO |
| Q2497-10 | south exterior re   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/15/2025   | Chemtech -SO |
| Q2497-11 | Garage gym floor    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/15/2025   | Chemtech -SO |
| Q2497-12 | Rug by the back d   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/15/2025   | Chemtech -SO |
| Q2497-13 | Guest bed matre     | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/15/2025   | Chemtech -SO |
| Q2497-14 | Garage backyard     | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/13/2025   | Chemtech -SO |
| Q2497-15 | LR SW conner chai   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/13/2025   | Chemtech -SO |
| Q2497-16 | Living room NE co   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/13/2025   | Chemtech -SO |
| Q2497-17 | Dining room SW c    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/13/2025   | Chemtech -SO |
| Q2497-18 | LR SW rug corner    | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/13/2025   | Chemtech -SO |
| Q2497-19 | LR west wall plug   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/13/2025   | Chemtech -SO |
| Q2497-20 | LR NE corner plug   | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/13/2025   | Chemtech -SO |
| Q2497-21 | office east wall pl | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/13/2025   | Chemtech -SO |
| Q2497-22 | Bedroom north w     | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/13/2025   | Chemtech -SO |
| Q2497-23 | Kitchen ceiling pl  | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/13/2025   | Chemtech -SO |
| Q2498-01 | NE Bd bed foam      | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/20/2025   | Chemtech -SO |

Date/Time 07/02/25 15:00  
 Raw Sample Received by: SR WWC  
 Raw Sample Relinquished by: [Signature] SH

Date/Time 07/02/25 17:35  
 Raw Sample Received by: [Signature] SH  
 Raw Sample Relinquished by: SR WWC

# WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

| Sample   | Customer Sample  | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2498-02 | NE Bd pillow foa | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/20/2025   | Chemtech -SO |
| Q2498-03 | Master bed NE m  | Solid  | Percent Solids | Cool 4 deg C | SUMM04   | A61                         | 06/20/2025   | Chemtech -SO |
| Q2500-01 | X600-B2          | Solid  | Percent Solids | Cool 4 deg C | ATCE02   | A52                         | 07/02/2025   | Chemtech -SO |
| Q2500-02 | X600-S2          | Solid  | Percent Solids | Cool 4 deg C | ATCE02   | A52                         | 07/02/2025   | Chemtech -SO |
| Q2500-03 | X600-B1          | Solid  | Percent Solids | Cool 4 deg C | ATCE02   | A52                         | 07/02/2025   | Chemtech -SO |
| Q2500-04 | X600-S1          | Solid  | Percent Solids | Cool 4 deg C | ATCE02   | A52                         | 07/02/2025   | Chemtech -SO |
| Q2500-05 | X600-DUP1        | Solid  | Percent Solids | Cool 4 deg C | ATCE02   | A52                         | 07/02/2025   | Chemtech -SO |
| Q2500-06 | X600-S3          | Solid  | Percent Solids | Cool 4 deg C | ATCE02   | A52                         | 07/02/2025   | Chemtech -SO |

Date/Time 07/02/25 15:00  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

Date/Time 07/02/25 17:35  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

**SOP ID:** M8151A-Herbicide-23

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

**Matrix :** Solid

**Wegh By:** EH **Extraction By:** RJ

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

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

**pH Strip Lot#:** E3880 **Hood ID:** 3,4,5,7

**Extraction Start Date :** 07/02/2025

**Extraction Start Time :** 11:30

**Extraction End Date :** 07/03/2025

**Extraction End Time :** 11:00

**Concentration By:** EH

**Supervisor By :** RUPESH

**Extraction Method:** ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 5/500 PPM           | PP24654             |
| Surrogate     | 1.0ML    | 5000 PPB            | PP24653             |
| 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       |
|--------------------|----------------|------------------|
| MeCl2/Acetone/1:1  | N/A            | EP2612           |
| Acidified Na2SO4   | N/A            | EP2621           |
| <del>Sand</del>    | N/A            | <del>E2865</del> |
| HCL                | N/A            | M6151            |
| DI WATER           | N/A            | N/A              |
| 37% KOH            | N/A            | EP2616           |
| Methylene Chloride | N/A            | E3943            |
| 1:3 SULPHURIC ACID | N/A            | EP2598           |
| Ether              | N/A            | E3948            |
| ISO OCTANE         | N/A            | E3554            |
| METHANOL           | N/A            | V14622           |
| Diazomethane       | N/A            | EP2618           |
| Hexane             | N/A            | E3947            |
| N/A                | N/A            | N/A              |

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

pH adjusted with HCL <2 for soil Extraction, PH adjusted with 1:3 H2SO4 <2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze, 40ML Vial Lot # 03-40 BTS723.

**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 |
|-------------|-----------------------------------------|----------------------|
| 7/3/25      | RS (Ext Lab)                            | RS - PCB Lab         |
| 11:05       | Preparation Group                       | Analysis Group       |

Analytical Method: M8151A-Herbicide-23

Concentration Date: 07/03/2025

| Sample ID       | Client Sample ID | Test      | g / mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|------------------|-----------|--------|-----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                  |           |        |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB168706BL      | HBLK706          | Herbicide | 30.01  | N/A | ritesh         | Evelyn     | 10                 |       |          | U1-1        |
| PB168706BS      | HLCS706          | Herbicide | 30.03  | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q2458-01        | TP-76            | Herbicide | 30.04  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q2458-01MS      | TP-76MS          | Herbicide | 30.09  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q2458-01MS<br>D | TP-76MSD         | Herbicide | 30.06  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q2458-02        | TP-55            | Herbicide | 30.05  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 6           |
| Q2458-03        | TP-68            | Herbicide | 30.02  | N/A | ritesh         | Evelyn     | 10                 | E     |          | U2-1        |
| Q2458-04        | TP-67            | Herbicide | 30.08  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 2           |
| Q2458-05        | TP-66            | Herbicide | 30.04  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q2458-06        | TP-60            | Herbicide | 30.07  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q2458-07        | TP-62            | Herbicide | 30.03  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q2458-08        | TP-63            | Herbicide | 30.06  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 6           |
| Q2458-09        | TP-59            | Herbicide | 30.08  | N/A | ritesh         | Evelyn     | 10                 | E     |          | U3-1        |
| Q2473-01        | PIT#1            | Herbicide | 30.01  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 2           |
| Q2473-02        | PIT#2            | Herbicide | 30.04  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q2473-03        | PIT#3            | Herbicide | 30.07  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q2473-04        | PIT#4            | Herbicide | 30.09  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q2478-01        | WC-1             | Herbicide | 30.06  | N/A | ritesh         | Evelyn     | 10                 | D     |          | 6           |
| Q2484-01        | TP-58            | Herbicide | 30.02  | N/A | ritesh         | Evelyn     | 10                 | E     |          | U6-1        |
| Q2484-02        | TP-57            | Herbicide | 30.05  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 2           |
| Q2484-03        | TP-64            | Herbicide | 30.08  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q2484-04        | TP-107           | Herbicide | 30.04  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q2484-05        | TP-1006          | Herbicide | 30.07  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q2484-06        | TP-104           | Herbicide | 30.03  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 6           |



167-06  
904-891  
11:30

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2458H      WorkList ID : 190523      Department : Extraction      Date : 07-02-2025 11:20:17

| Sample   | Customer Sample | Matrix | Test      | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|-----------|--------------|----------|-----------------------------|--------------|--------|
| Q2458-01 | TP-76           | Solid  | Herbicide | Cool 4 deg C | CAMP02   | D51                         | 06/26/2025   | 8151A  |
| Q2458-02 | TP-55           | Solid  | Herbicide | Cool 4 deg C | CAMP02   | D51                         | 06/26/2025   | 8151A  |
| Q2458-03 | TP-68           | Solid  | Herbicide | Cool 4 deg C | CAMP02   | D51                         | 06/27/2025   | 8151A  |
| Q2458-04 | TP-67           | Solid  | Herbicide | Cool 4 deg C | CAMP02   | D51                         | 06/27/2025   | 8151A  |
| Q2458-05 | TP-66           | Solid  | Herbicide | Cool 4 deg C | CAMP02   | D51                         | 06/27/2025   | 8151A  |
| Q2458-06 | TP-60           | Solid  | Herbicide | Cool 4 deg C | CAMP02   | D51                         | 06/27/2025   | 8151A  |
| Q2458-07 | TP-62           | Solid  | Herbicide | Cool 4 deg C | CAMP02   | D51                         | 06/27/2025   | 8151A  |
| Q2458-08 | TP-63           | Solid  | Herbicide | Cool 4 deg C | CAMP02   | D51                         | 06/27/2025   | 8151A  |
| Q2458-09 | TP-59           | Solid  | Herbicide | Cool 4 deg C | CAMP02   | D51                         | 06/27/2025   | 8151A  |
| Q2473-01 | PIT#1           | Solid  | Herbicide | Cool 4 deg C | JPCLO1   | A12                         | 07/01/2025   | 8151A  |
| Q2473-02 | PIT#2           | Solid  | Herbicide | Cool 4 deg C | JPCLO1   | A12                         | 07/01/2025   | 8151A  |
| Q2473-03 | PIT#3           | Solid  | Herbicide | Cool 4 deg C | JPCLO1   | A12                         | 07/01/2025   | 8151A  |
| Q2473-04 | PIT#4           | Solid  | Herbicide | Cool 4 deg C | JPCLO1   | A12                         | 07/01/2025   | 8151A  |
| Q2478-01 | WC-1            | Solid  | Herbicide | Cool 4 deg C | PSEG03   | A42                         | 07/30/2025   | 8151A  |
| Q2484-01 | TP-58           | Solid  | Herbicide | Cool 4 deg C | CAMP02   | A12                         | 07/01/2025   | 8151A  |
| Q2484-02 | TP-57           | Solid  | Herbicide | Cool 4 deg C | CAMP02   | A12                         | 07/01/2025   | 8151A  |
| Q2484-03 | TP-64           | Solid  | Herbicide | Cool 4 deg C | CAMP02   | A12                         | 07/01/2025   | 8151A  |
| Q2484-04 | TP-107          | Solid  | Herbicide | Cool 4 deg C | CAMP02   | A12                         | 07/01/2025   | 8151A  |
| Q2484-05 | TP-1006         | Solid  | Herbicide | Cool 4 deg C | CAMP02   | A12                         | 07/01/2025   | 8151A  |
| Q2484-06 | TP-104          | Solid  | Herbicide | Cool 4 deg C | CAMP02   | A12                         | 07/01/2025   | 8151A  |

Date/Time 7/2/25 11:25  
Raw Sample Received by: RJ (CA-Lab)  
Raw Sample Relinquished by: JD (CSM)

Date/Time 7/2/25 12:05  
Raw Sample Received by: JD (CSM)  
Raw Sample Relinquished by: RJ (CA-Lab)





# SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

COMPANY: CDM SMITH  
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR  
CITY: EDISON STATE: NJ ZIP: 08837  
ATTENTION: MARCIE ENCINAS  
PHONE: 7325904679 FAX:

PROJECT NAME: SOUTH RIVER WM REPLACEMENT  
PROJECT NO.: 302781 LOCATION: SOUTH RIVER, NJ  
PROJECT MANAGER: MARCIE ENCINAS  
e-mail: ENCINASMA@CDMSMITH.COM  
PHONE: 7325904679 FAX:

BILL TO: CDM SMITH PO#:  
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR  
CITY: EDISON STATE: NJ ZIP: 08837  
ATTENTION: MARCIE ENCINAS PHONE: 7325904679

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) \_\_\_\_\_ DAYS\*  
HARDCOPY (DATA PACKAGE): \_\_\_\_\_ DAYS\*  
EDD: \_\_\_\_\_ DAYS\*  
\*TO BE APPROVED BY CHEMTECH  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data ☐ Other \_\_\_\_\_  
☐ EDD FORMAT \_\_\_\_\_

TOL VOC  
TOL SVOC  
TOL METALS  
PCBS  
PESTICIDES  
HERBICIDES  
DRUGS

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |      | # OF BOTTLES | PRESERVATIVES |   |   |   |   |   |   |   |   | COMMENTS |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---------------|---|---|---|---|---|---|---|---|----------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME |              | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |          |
| 1.                       | TP-58                            | S                |                | X    | 7/1/05               | 0800 |              | X             | X | X | X | X | X | X |   |   | E        |
| 2.                       | TP-57                            | S                |                | X    | 7/1/05               | 0840 | 6            | X             | X | X | X | X | X | X |   |   | E        |
| 3.                       | TP-64                            | S                |                | X    | 7/1/05               | 0930 | 6            | X             | X | X | X | X | X | X |   |   | E        |
| 4.                       | TP-107                           | S                |                | X    | 7/1/05               | 1040 | 6            | X             | X | X | X | X | X | X |   |   | E        |
| 5.                       | TP-106                           | S                |                | X    | 7/1/05               | 1145 | 6            | X             | X | X | X | X | X | X |   |   | E        |
| 6.                       | TP-104                           | S                |                | X    | 7/1/05               | 1240 | 6            | X             | X | X | X | X | X | X |   |   | E        |
| 7.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 8.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 9.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 10.                      |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

|                          |                        |                          |                                                                                                                                                                               |
|--------------------------|------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER: | DATE/TIME: 7/1/05 1510 | RECEIVED BY: [Signature] | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input checked="" type="checkbox"/> COOLER TEMP 3.6 °C |
| 1. [Signature]           |                        | 1. [Signature]           | Comments:                                                                                                                                                                     |
| RELINQUISHED BY SAMPLER: | DATE/TIME:             | RECEIVED BY:             |                                                                                                                                                                               |
| 2. [Signature]           |                        | 2. [Signature]           |                                                                                                                                                                               |
| RELINQUISHED BY SAMPLER: | DATE/TIME: 7.1.25      | RECEIVED BY: [Signature] |                                                                                                                                                                               |
| 3. [Signature]           |                        | 3. [Signature]           |                                                                                                                                                                               |

### Laboratory Certification

| Certified By         | License No.      |
|----------------------|------------------|
|                      |                  |
| CAS EPA CLP Contract | 68HERH20D0011    |
|                      |                  |
| Connecticut          | PH-0830          |
|                      |                  |
| DOD ELAP (ANAB)      | L2219            |
|                      |                  |
| Maine                | 2024021          |
|                      |                  |
| Maryland             | 296              |
|                      |                  |
| New Hampshire        | 255424 Rev 1     |
|                      |                  |
| New Jersey           | 20012            |
|                      |                  |
| New York             | 11376            |
|                      |                  |
| Pennsylvania         | 68-00548         |
|                      |                  |
| Soil Permit          | 525-24-234-08441 |
|                      |                  |
| Texas                | T104704488       |

## LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2484 CAMP02

Order Date : 7/2/2025 9:23:00 AM

Project Mgr :

Client Name : CDM Smith

Project Name : South River WM Replacem

Report Type : Level 2 *af*

Client Contact : Marcie Ann Encinas

Receive DateTime : 7/1/2025 4:54:00 PM

EDD Type : EXCEL NOCLEANUP

Invoice Name : CDM Smith

Purchase Order :

Hard Copy Date :

Invoice Contact : Marcie Ann Encinas

Date Signoff :

| LAB ID   | CLIENT ID            | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST          | TEST GROUP | METHOD | FAX DATE | DUE DATES    |
|----------|----------------------|--------|-------------|-------------|---------------|------------|--------|----------|--------------|
| Q2484-01 | TP-58                | Solid  | 07/01/2025  | 08:00       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |
| Q2484-02 | TP-57                | Solid  | 07/01/2025  | 08:40       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |
| Q2484-03 | TP-64                | Solid  | 07/01/2025  | 09:30       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |
| Q2484-04 | TP-107               | Solid  | 07/01/2025  | 10:40       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |
| Q2484-05 | TP-106 <i>106 af</i> | Solid  | 07/01/2025  | 11:45       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |
| Q2484-06 | TP-104               | Solid  | 07/01/2025  | 12:40       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |