

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS072925\  
 Data File : PS031279.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jul 2025 18:07  
 Operator : AR\AJ  
 Sample : HSTDICC1500  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDICC1500

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/30/2025  
 Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 29 18:36:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS072925.M  
 Quant Title : 8080.M  
 QLast Update : Tue Jul 29 18:36:31 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     | 7.315  | 7.764  | 4213.1E6  | 1217.9E6  | 1446.107  | 1458.374 |
| Target Compounds            |              |        |        |           |           |           |          |
| 1) T                        | Dalapon      | 2.687  | 2.703  | 6459.5E6  | 3264.6E6  | 1338.889  | 1329.127 |
| 2) T                        | 3,5-DICHL... | 6.477  | 6.711  | 5875.6E6  | 1751.8E6  | 1377.922m | 1355.583 |
| 3) T                        | 4-Nitroph... | 7.114  | 7.300  | 1424.0E6  | 1820.8E6  | 1398.569  | 1410.456 |
| 5) T                        | DICAMBA      | 7.503  | 7.965  | 18010.7E6 | 7755.4E6  | 1393.955  | 1430.657 |
| 6) T                        | MCPD         | 7.687  | 8.067  | 1299.4E6  | 265.5E6   | 161.563   | 154.852m |
| 7) T                        | MCPA         | 7.837  | 8.318  | 1512.5E6  | 385.2E6   | 154.717   | 148.503  |
| 8) T                        | DICHLORPROP  | 8.213  | 8.685  | 4076.4E6  | 1752.2E6  | 1340.926  | 1347.768 |
| 9) T                        | 2,4-D        | 8.445  | 9.023  | 3709.9E6  | 1929.0E6  | 1430.550  | 1382.238 |
| 10) T                       | Pentachlo... | 8.754  | 9.537  | 51285.3E6 | 43992.6E6 | 1127.676  | 1313.353 |
| 11) T                       | 2,4,5-TP ... | 9.326  | 9.924  | 23545.0E6 | 17555.3E6 | 1413.157  | 1382.005 |
| 12) T                       | 2,4,5-T      | 9.621  | 10.352 | 19815.8E6 | 16426.4E6 | 1489.826  | 1408.216 |
| 13) T                       | 2,4-DB       | 10.198 | 10.921 | 2740.7E6  | 1389.2E6  | 1568.589  | 1438.353 |
| 14) T                       | DINOSEB      | 11.406 | 11.302 | 16198.2E6 | 12981.7E6 | 1413.015  | 1389.912 |
| 15) T                       | Picloram     | 11.225 | 12.419 | 18182.2E6 | 26745.6E6 | 1552.752  | 1564.536 |
| 16) T                       | DCPA         | 11.706 | 12.345 | 29863.9E6 | 26378.3E6 | 1440.185  | 1414.251 |
| -----                       |              |        |        |           |           |           |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS072925\  
Data File : PS031279.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jul 2025 18:07  
Operator : AR\AJ  
Sample : HSTDICC1500  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

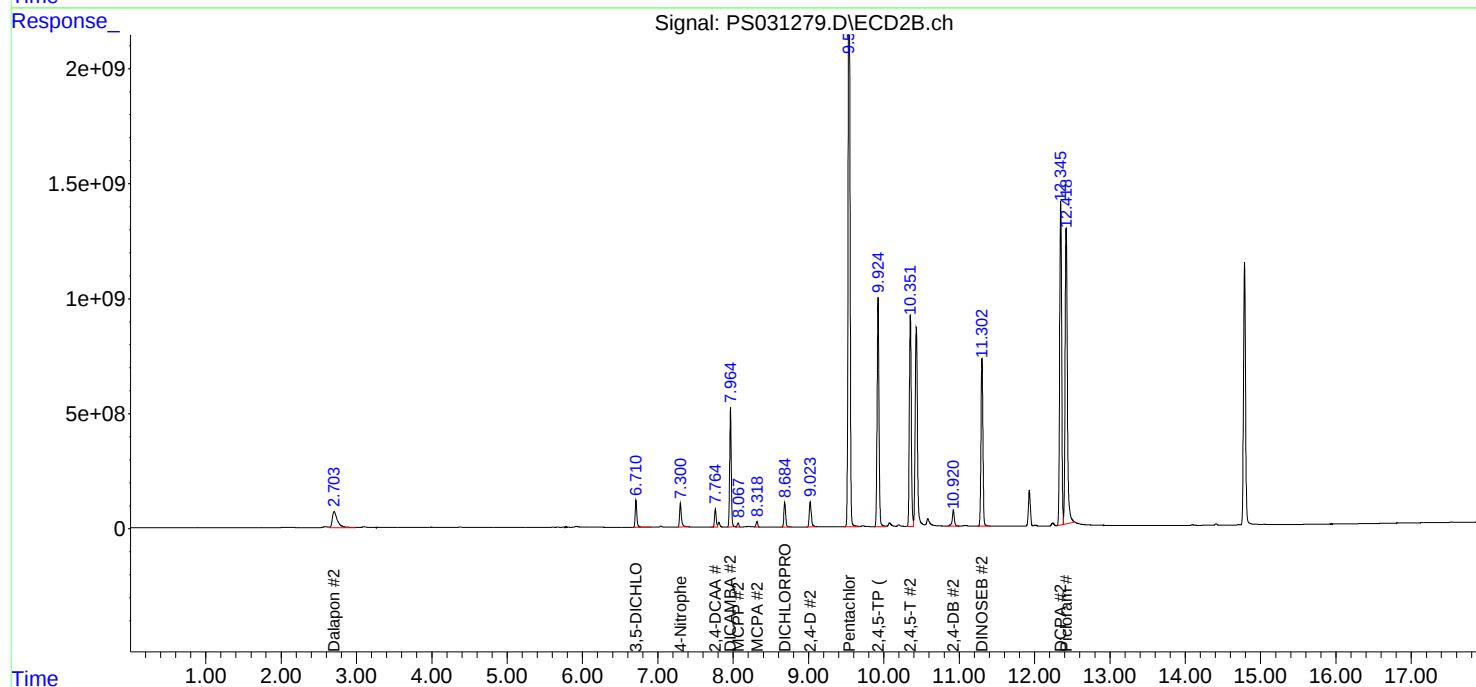
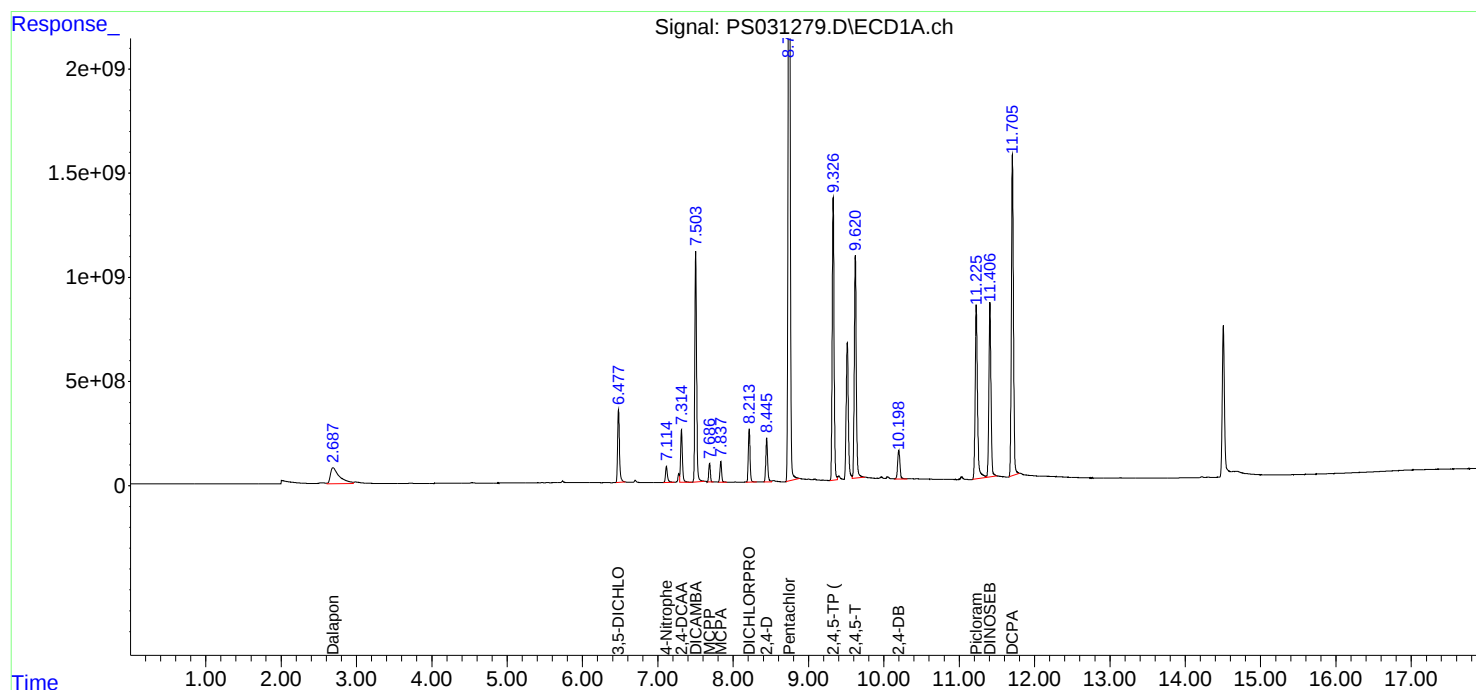
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1500

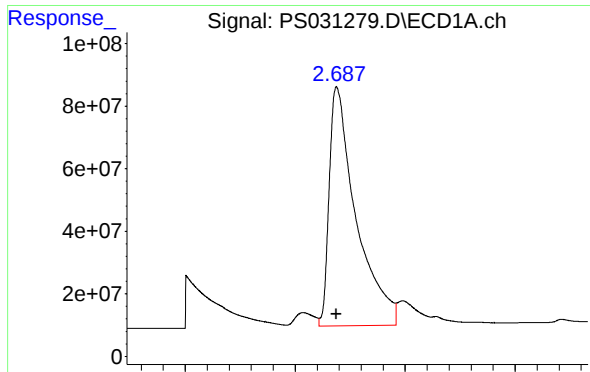
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 29 18:36:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS072925.M  
Quant Title : 8080.M  
QLast Update : Tue Jul 29 18:36:31 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





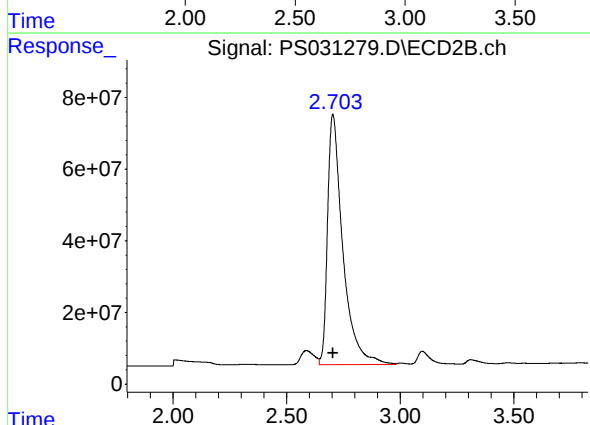
#1 Dalapon

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 6459549331  
Conc: 1338.89 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1500

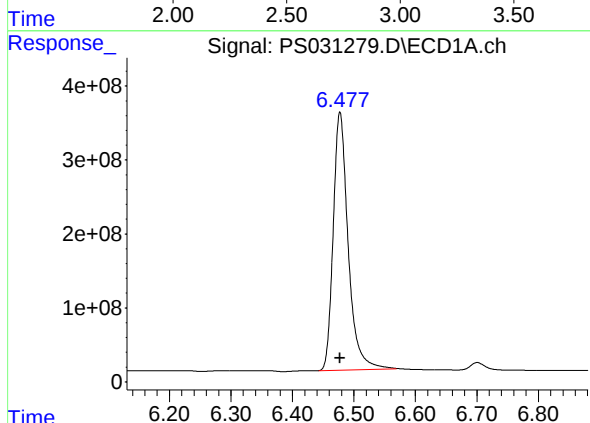
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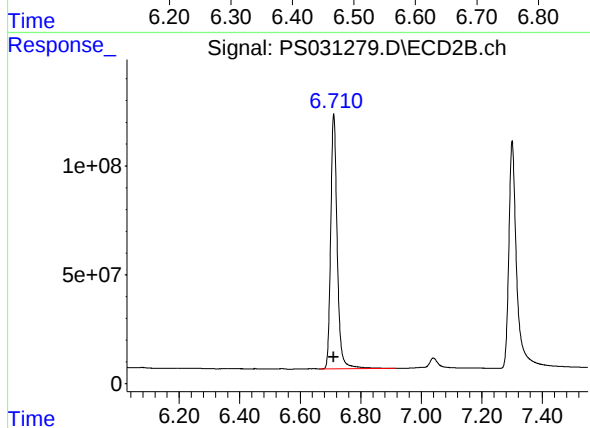
#1 Dalapon

R.T.: 2.703 min  
Delta R.T.: 0.000 min  
Response: 3264581324  
Conc: 1329.13 ng/ml



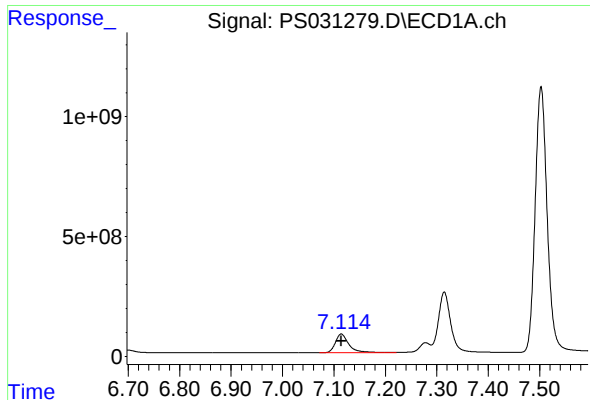
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 5875552524  
Conc: 1377.92 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min  
Delta R.T.: 0.000 min  
Response: 1751780840  
Conc: 1355.58 ng/ml



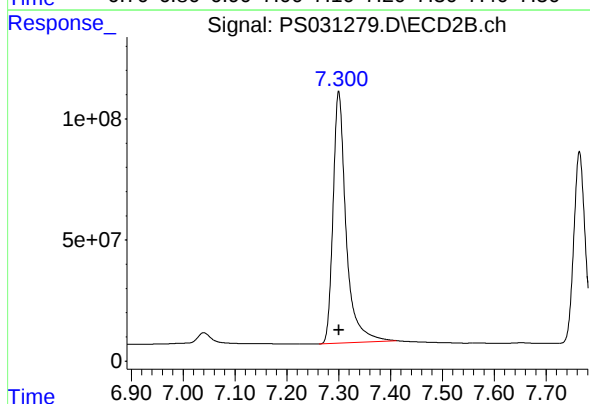
#3 4-Nitrophenol

R.T.: 7.114 min  
Delta R.T.: 0.000 min  
Response: 1424024699  
Conc: 1398.57 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1500

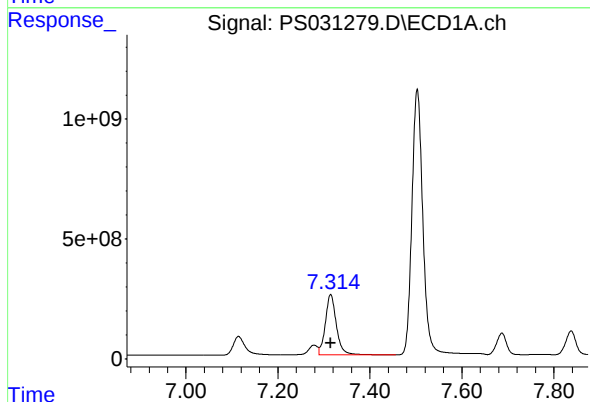
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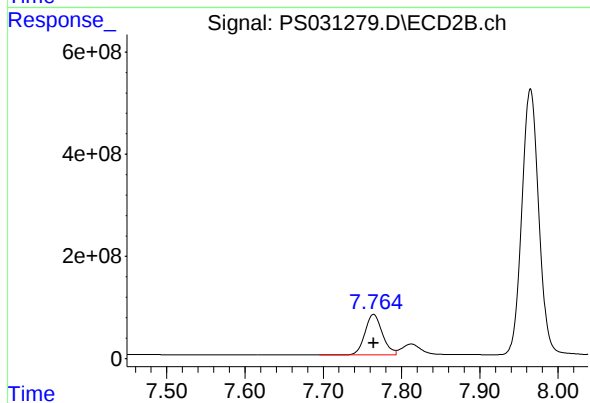
#3 4-Nitrophenol

R.T.: 7.300 min  
Delta R.T.: 0.000 min  
Response: 1820775211  
Conc: 1410.46 ng/ml



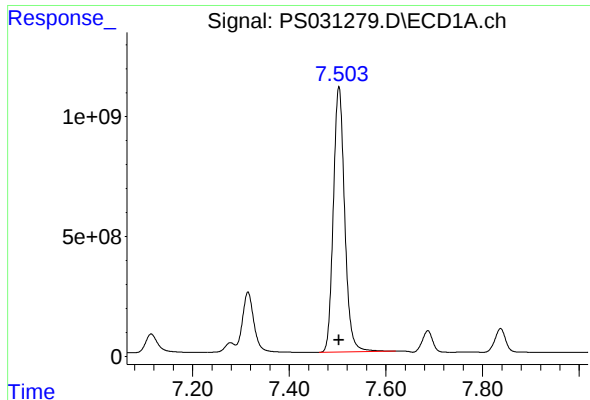
#4 2,4-DCAA

R.T.: 7.315 min  
Delta R.T.: 0.000 min  
Response: 4213094245  
Conc: 1446.11 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min  
Delta R.T.: 0.000 min  
Response: 1217860592  
Conc: 1458.37 ng/ml



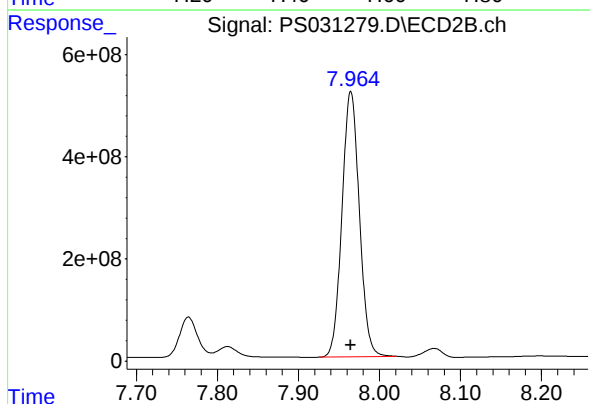
#5 DICAMBA

R.T.: 7.503 min  
Delta R.T.: 0.000 min  
Response: 18010725486  
Conc: 1393.96 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1500

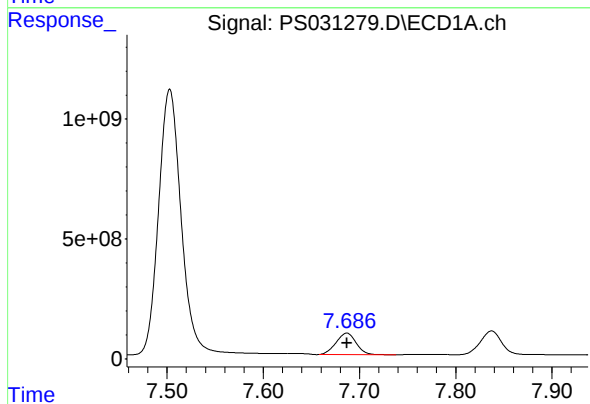
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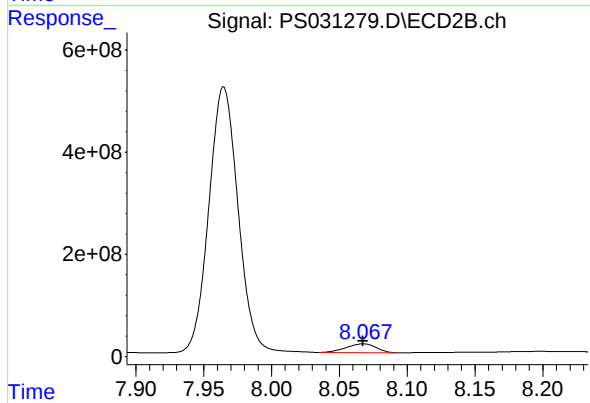
#5 DICAMBA

R.T.: 7.965 min  
Delta R.T.: 0.000 min  
Response: 7755371462  
Conc: 1430.66 ng/ml



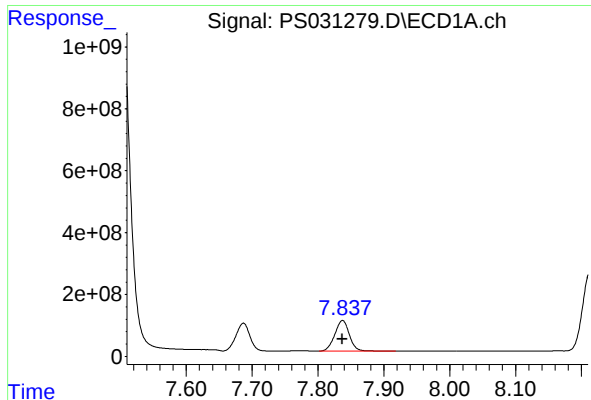
#6 MCPP

R.T.: 7.687 min  
Delta R.T.: 0.000 min  
Response: 1299408588  
Conc: 161.56 ug/ml



#6 MCPP

R.T.: 8.067 min  
Delta R.T.: 0.000 min  
Response: 265477750  
Conc: 154.85 ug/ml m



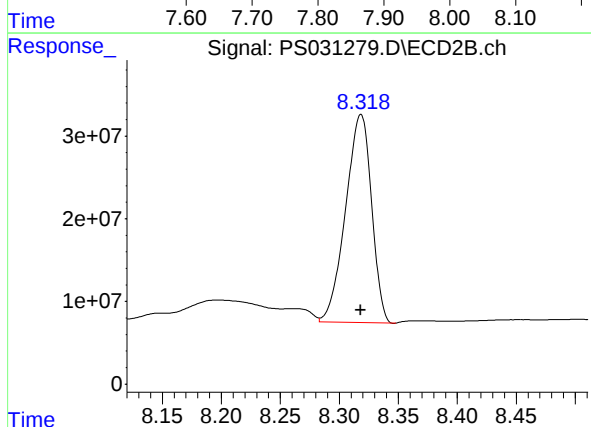
#7 MCPA

R.T.: 7.837 min  
Delta R.T.: 0.000 min  
Response: 1512505035  
Conc: 154.72 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1500

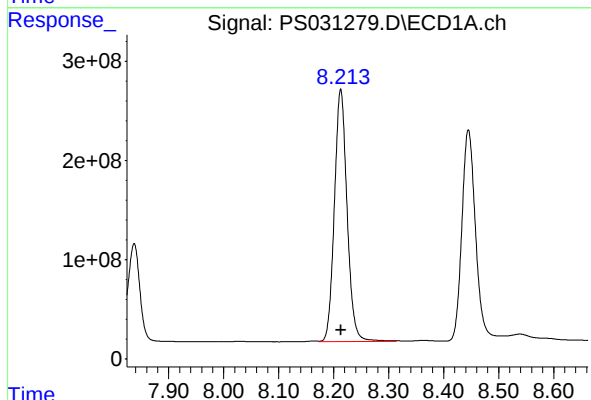
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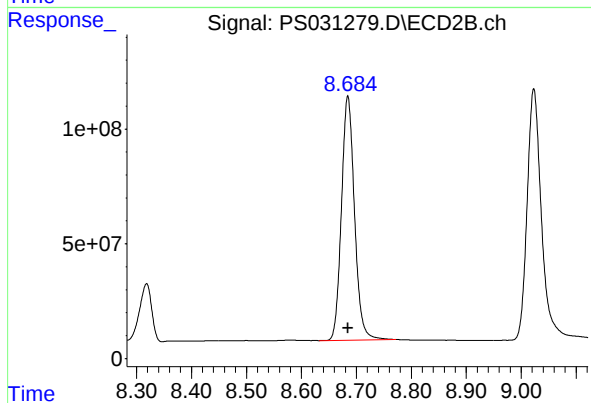
#7 MCPA

R.T.: 8.318 min  
Delta R.T.: 0.000 min  
Response: 385209174  
Conc: 148.50 ug/ml



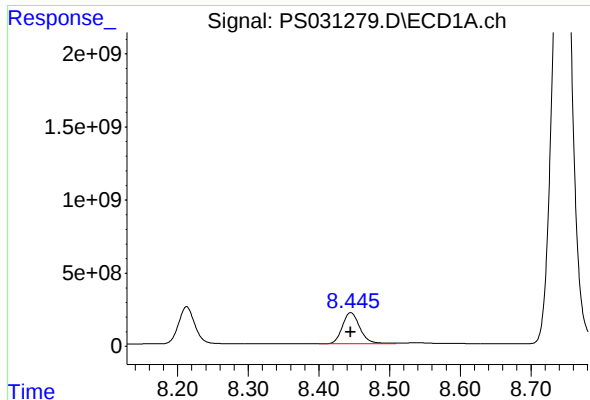
#8 DICHLORPROP

R.T.: 8.213 min  
Delta R.T.: 0.000 min  
Response: 4076432467  
Conc: 1340.93 ng/ml



#8 DICHLORPROP

R.T.: 8.685 min  
Delta R.T.: 0.000 min  
Response: 1752175780  
Conc: 1347.77 ng/ml



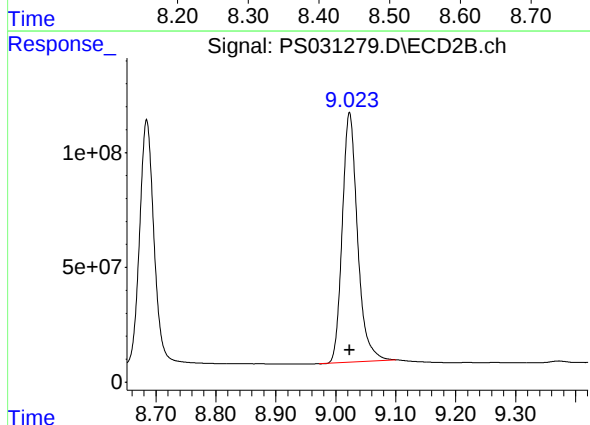
#9 2,4-D

R.T.: 8.445 min  
Delta R.T.: 0.000 min  
Response: 3709900696  
Conc: 1430.55 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1500

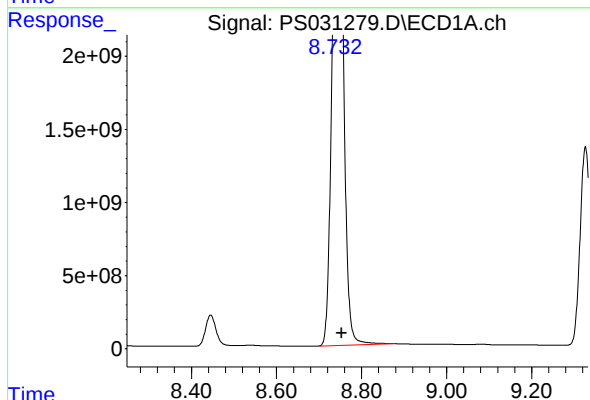
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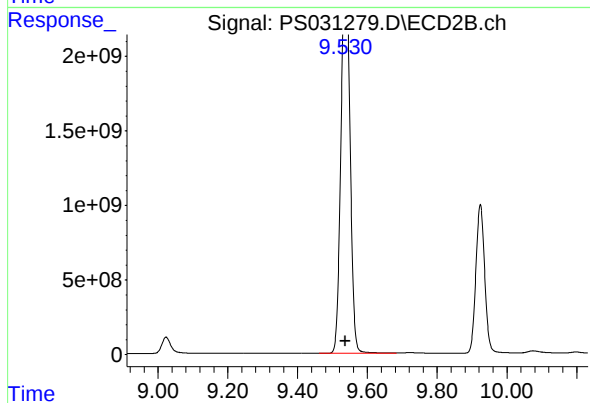
#9 2,4-D

R.T.: 9.023 min  
Delta R.T.: 0.000 min  
Response: 1928954560  
Conc: 1382.24 ng/ml



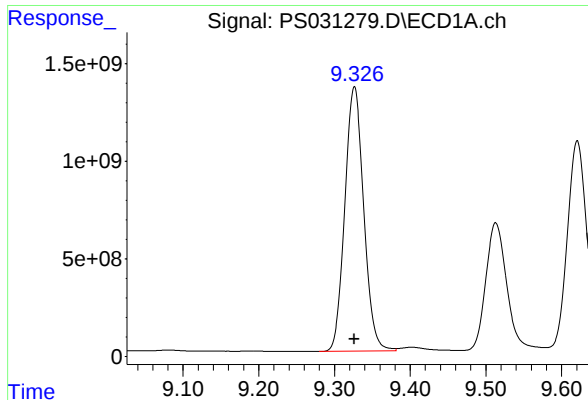
#10 Pentachlorophenol

R.T.: 8.754 min  
Delta R.T.: 0.000 min  
Response: 5128531175  
Conc: 1127.68 ng/ml



#10 Pentachlorophenol

R.T.: 9.537 min  
Delta R.T.: 0.000 min  
Response: 43992577918  
Conc: 1313.35 ng/ml



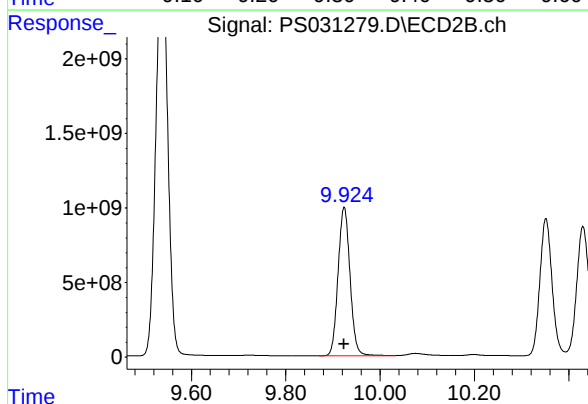
#11 2,4,5-TP (SILVEX)

R.T.: 9.326 min  
Delta R.T.: 0.000 min  
Response: 23544968472  
Conc: 1413.16 ng/ml

Instrument :  
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ClientSampleId :  
HSTDICC1500

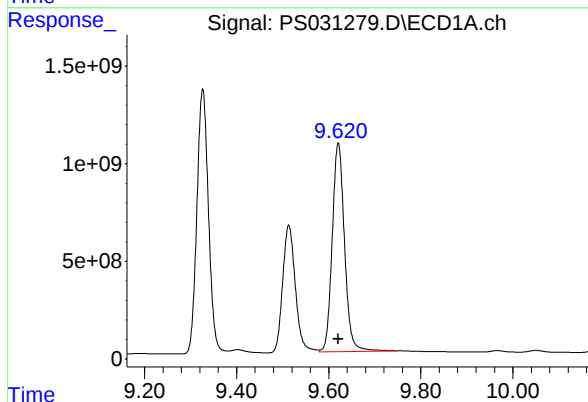
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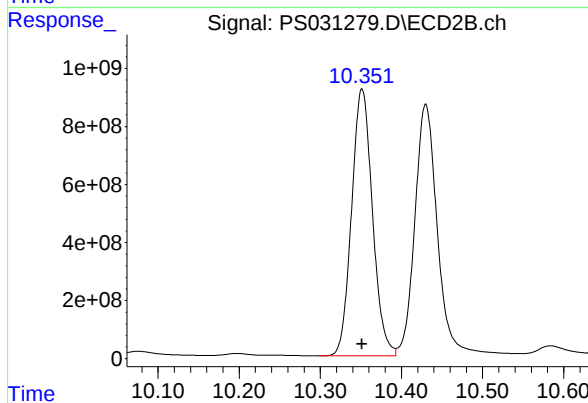
#11 2,4,5-TP (SILVEX)

R.T.: 9.924 min  
Delta R.T.: 0.000 min  
Response: 17555327889  
Conc: 1382.00 ng/ml



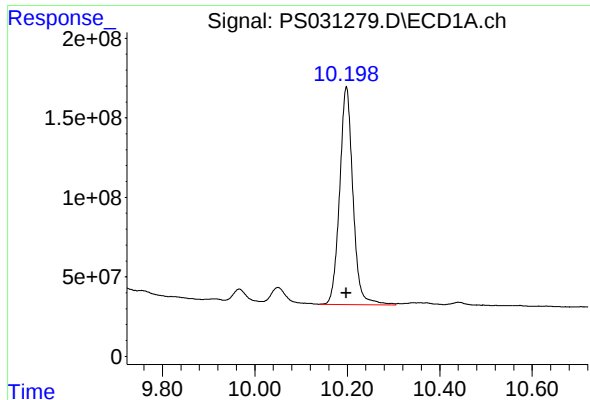
#12 2,4,5-T

R.T.: 9.621 min  
Delta R.T.: 0.000 min  
Response: 19815782463  
Conc: 1489.83 ng/ml



#12 2,4,5-T

R.T.: 10.352 min  
Delta R.T.: 0.000 min  
Response: 16426375266  
Conc: 1408.22 ng/ml



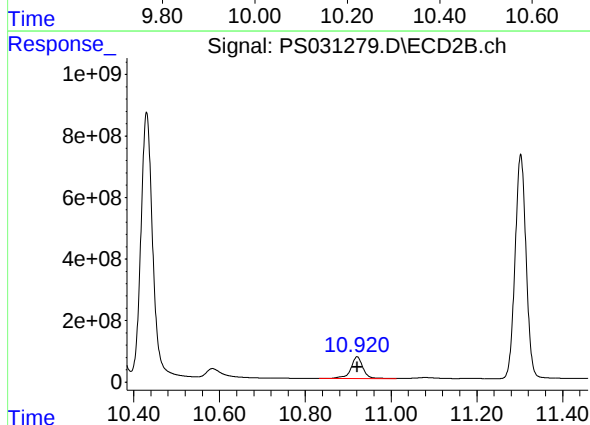
#13 2,4-DB

R.T.: 10.198 min  
Delta R.T.: 0.000 min  
Response: 2740722963  
Conc: 1568.59 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1500

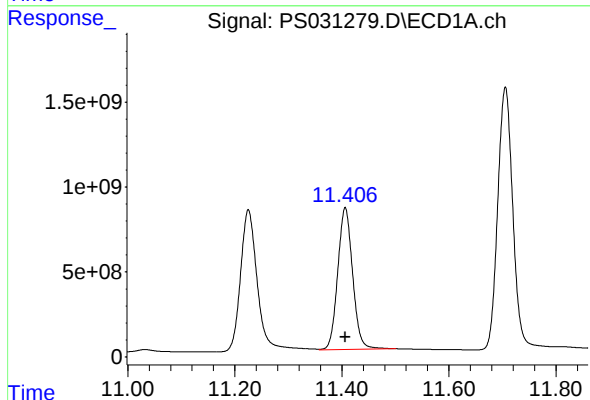
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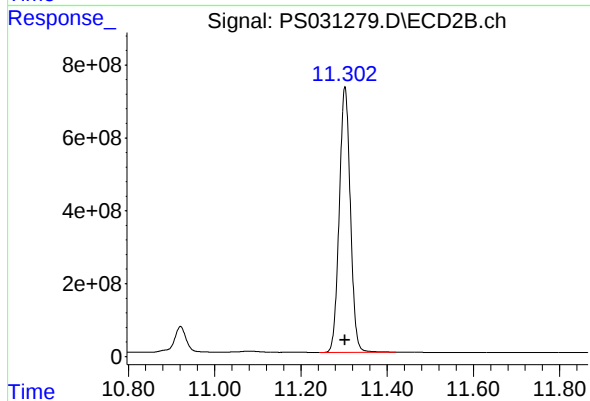
#13 2,4-DB

R.T.: 10.921 min  
Delta R.T.: 0.000 min  
Response: 1389241085  
Conc: 1438.35 ng/ml



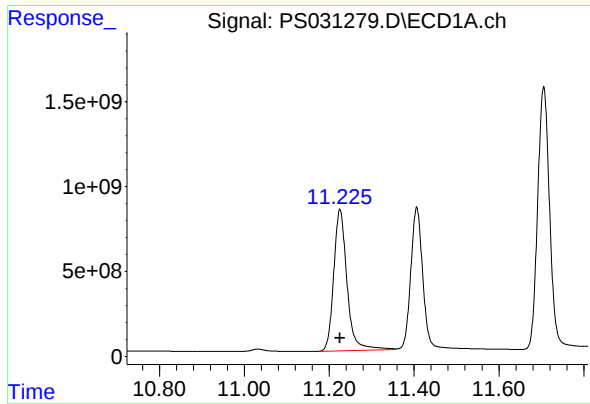
#14 DINOSEB

R.T.: 11.406 min  
Delta R.T.: 0.000 min  
Response: 16198161218  
Conc: 1413.02 ng/ml



#14 DINOSEB

R.T.: 11.302 min  
Delta R.T.: 0.000 min  
Response: 12981690633  
Conc: 1389.91 ng/ml



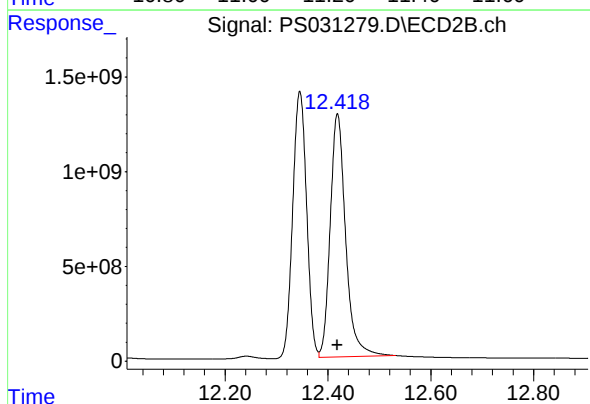
#15 Picloram

R.T.: 11.225 min  
Delta R.T.: 0.000 min  
Response: 18182152372  
Conc: 1552.75 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1500

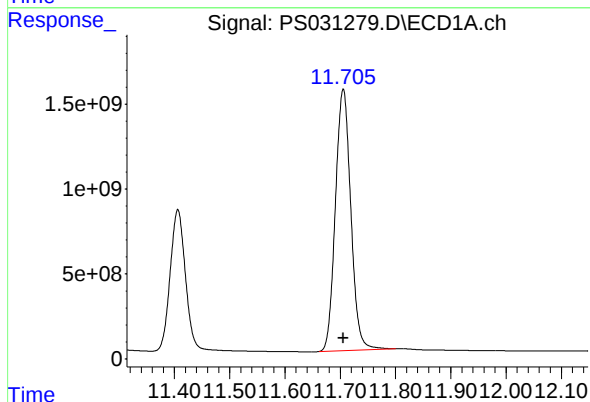
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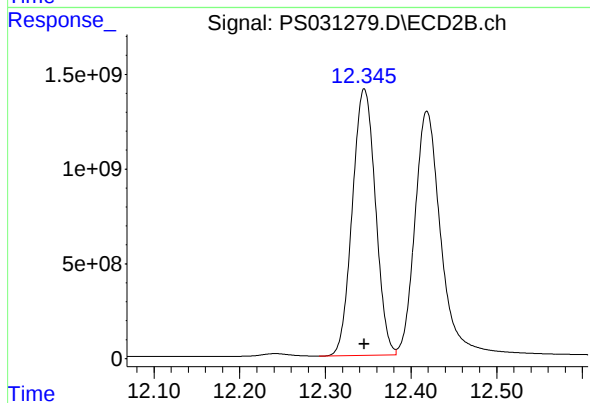
#15 Picloram

R.T.: 12.419 min  
Delta R.T.: 0.000 min  
Response: 26745623510  
Conc: 1564.54 ng/ml



#16 DCPA

R.T.: 11.706 min  
Delta R.T.: 0.000 min  
Response: 29863868036  
Conc: 1440.19 ng/ml



#16 DCPA

R.T.: 12.345 min  
Delta R.T.: 0.000 min  
Response: 26378277323  
Conc: 1414.25 ng/ml