

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS090425\  
 Data File : PS031628.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Sep 2025 13:10  
 Operator : AR\AJ  
 Sample : Q2893-01  
 Misc : LOD SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2025

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/05/2025  
 Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 05 04:07:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080725.M  
 Quant Title : 8080.M  
 QLast Update : Fri Aug 08 03:17:54 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     | 7.286  | 7.742  | 1625.2E6 | 462.5E6  | 512.024  | 547.075   |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.666  | 2.671  | 287.8E6  | 1075.5E6 | 54.839m  | 404.177m# |
| 2) T                        | 3,5-DICHL... | 6.454  | 6.699  | 722.4E6  | 190.6E6  | 153.107  | 141.005   |
| 3) T                        | 4-Nitroph... | 7.101  | 7.312  | 126.7E6  | 119.2E6  | 122.825  | 94.833    |
| 5) T                        | DICAMBA      | 7.470  | 7.939  | 2035.1E6 | 785.1E6  | 145.710  | 138.155m  |
| 6) T                        | MCPD         | 7.644  | 8.031  | 61390862 | 10997298 | 7.631    | 6.221     |
| 7) T                        | MCPA         | 7.794  | 8.278  | 120.3E6  | 24416452 | 12.078   | 8.703 #   |
| 8) T                        | DICHLORPROP  | 8.179  | 8.659  | 575.3E6  | 209.9E6  | 181.359  | 157.230m  |
| 9) T                        | 2,4-D        | 8.419  | 9.008  | 520.7E6  | 257.2E6  | 180.995  | 180.206   |
| 10) T                       | Pentachlo... | 8.709  | 9.509  | 8209.3E6 | 5422.9E6 | 170.984  | 155.703   |
| 11) T                       | 2,4,5-TP ... | 9.287  | 9.892  | 3242.0E6 | 2423.6E6 | 180.881  | 184.781   |
| 12) T                       | 2,4,5-T      | 9.585  | 10.328 | 2027.8E6 | 1595.9E6 | 138.407m | 134.793m  |
| 13) T                       | 2,4-DB       | 10.164 | 10.898 | 257.9E6  | 113.3E6  | 134.218m | 117.451m  |
| 14) T                       | DINOSEB      | 11.355 | 11.267 | 1785.7E6 | 1246.6E6 | 140.843m | 131.820   |
| 15) T                       | Picloram     | 11.199 | 12.406 | 1264.0E6 | 1462.7E6 | 96.827m  | 83.441    |
| 16) T                       | DCPA         | 11.651 | 12.307 | 3013.8E6 | 3135.9E6 | 132.304m | 159.181m  |
| -----                       |              |        |        |          |          |          |           |

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

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Acq On : 04 Sep 2025 13:10  
Operator : AR\AJ  
Sample : Q2893-01  
Misc : LOD SOIL  
ALS Vial : 8 Sample Multiplier: 1

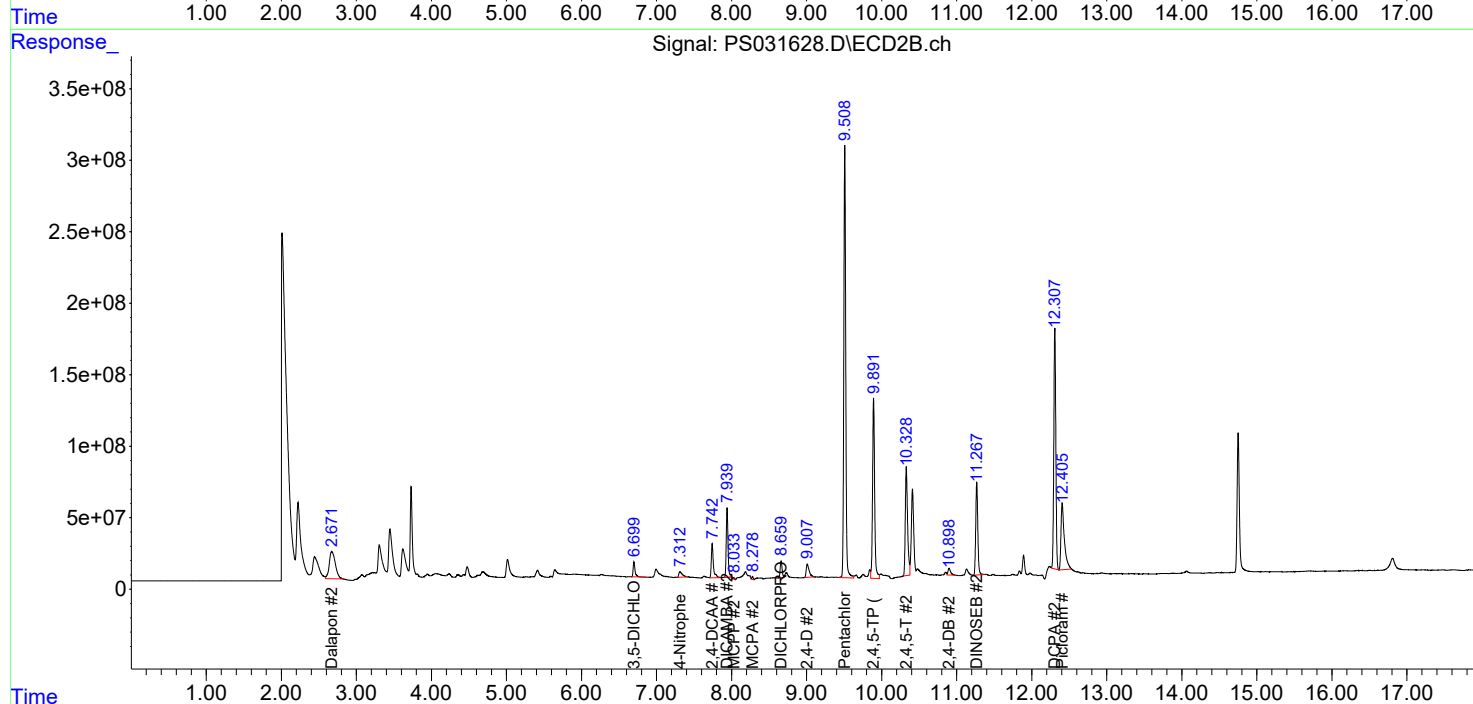
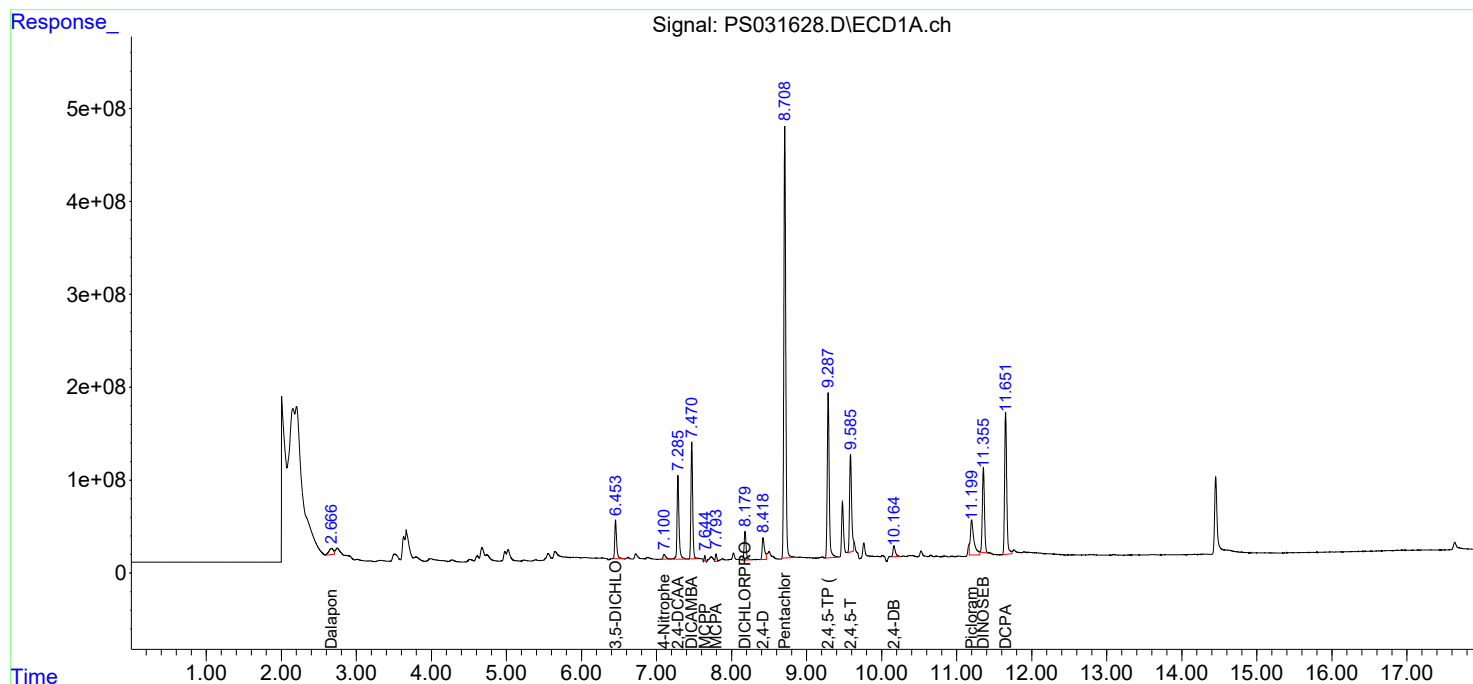
Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025

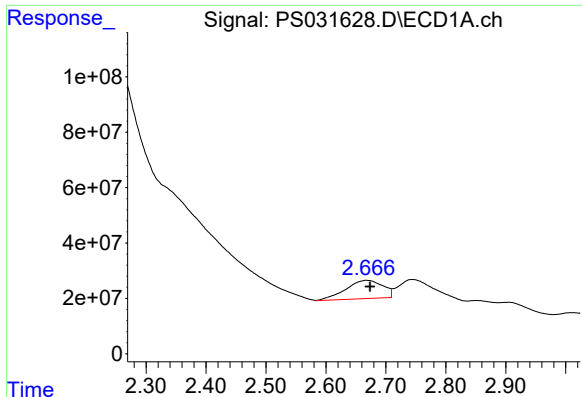
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 05 04:07:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080725.M  
Quant Title : 8080.M  
QLast Update : Fri Aug 08 03:17:54 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





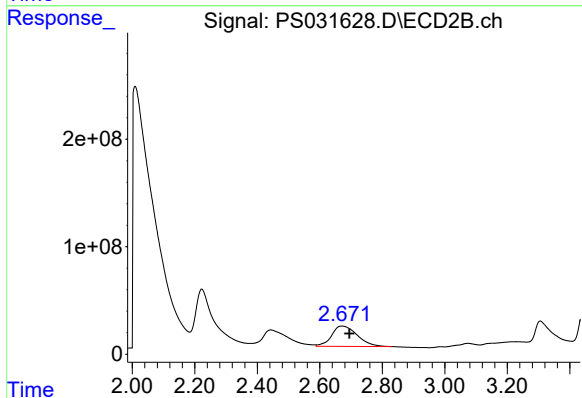
#1 Dalapon

R.T.: 2.666 min  
Delta R.T.: -0.008 min  
Response: 287848921  
Conc: 54.84 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025

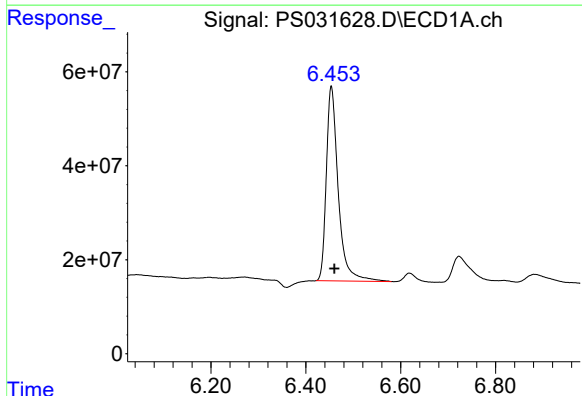
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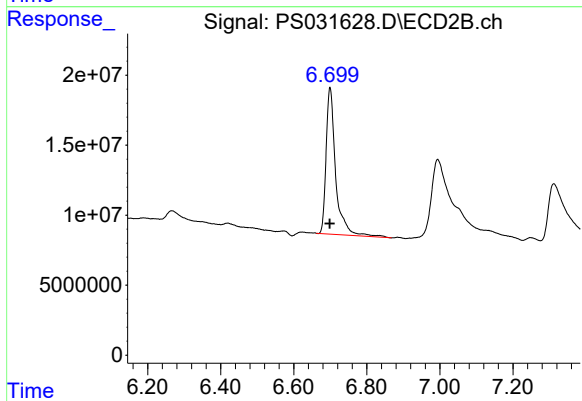
#1 Dalapon

R.T.: 2.671 min  
Delta R.T.: -0.024 min  
Response: 1075519861  
Conc: 404.18 ng/ml m



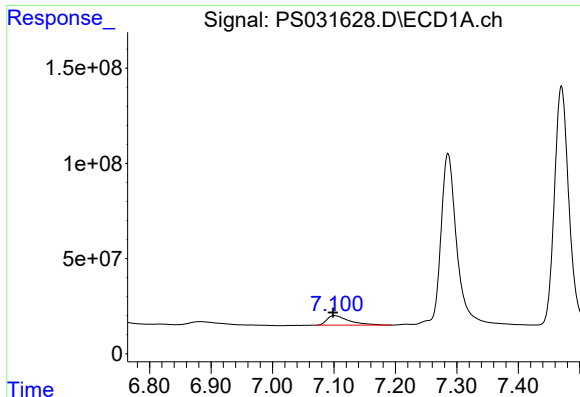
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min  
Delta R.T.: -0.007 min  
Response: 722405278  
Conc: 153.11 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min  
Delta R.T.: 0.000 min  
Response: 190628412  
Conc: 141.00 ng/ml



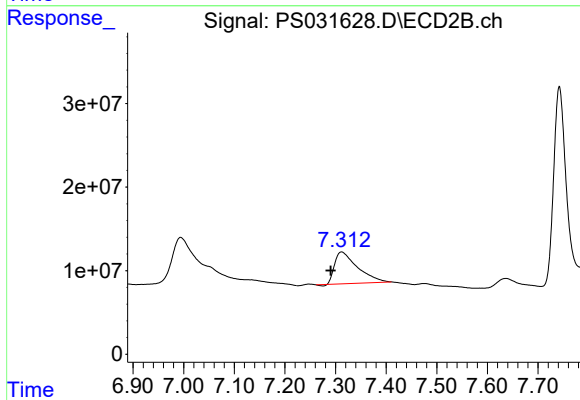
#3 4-Nitrophenol

R.T.: 7.101 min  
Delta R.T.: 0.002 min  
Response: 126715954  
Conc: 122.82 ng/ml

Instrument :  
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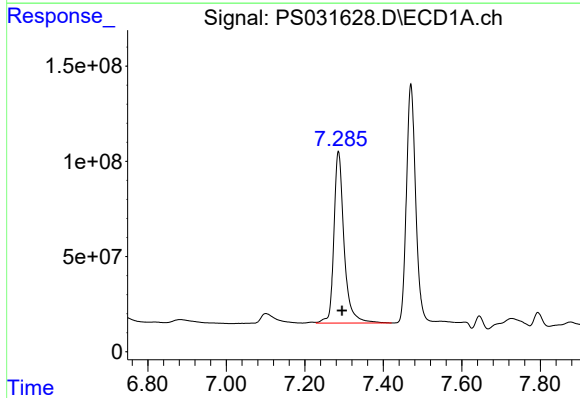
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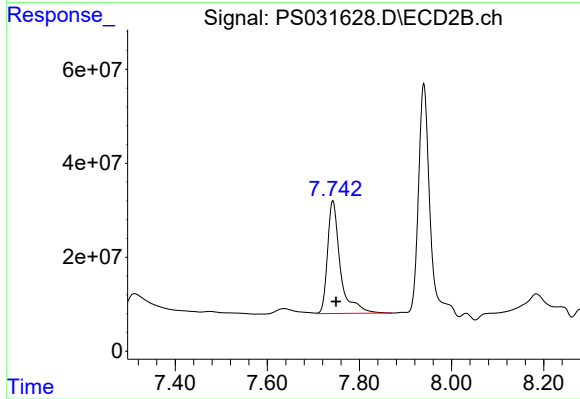
#3 4-Nitrophenol

R.T.: 7.312 min  
Delta R.T.: 0.021 min  
Response: 119194224  
Conc: 94.83 ng/ml



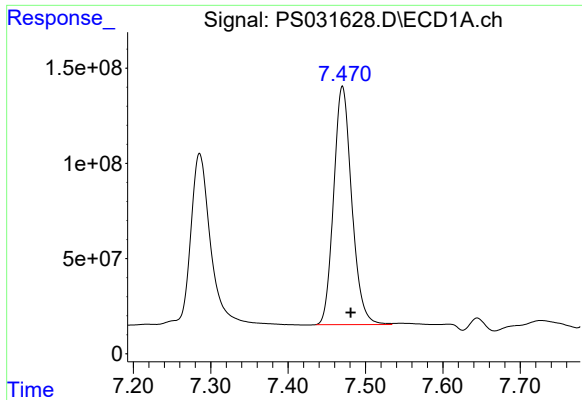
#4 2,4-DCAA

R.T.: 7.286 min  
Delta R.T.: -0.009 min  
Response: 1625158279  
Conc: 512.02 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min  
Delta R.T.: -0.007 min  
Response: 462464163  
Conc: 547.07 ng/ml



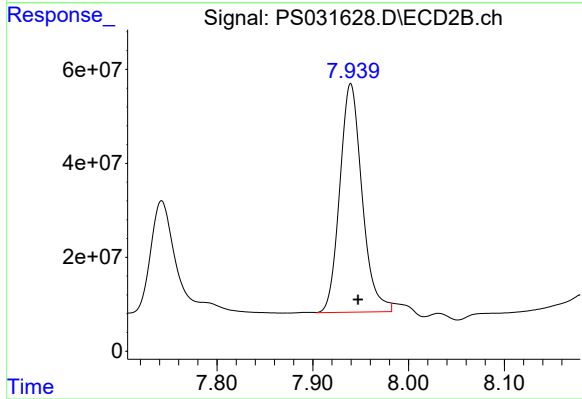
#5 DICAMBA

R.T.: 7.470 min  
Delta R.T.: -0.011 min  
Response: 2035053368  
Conc: 145.71 ng/ml

Instrument :  
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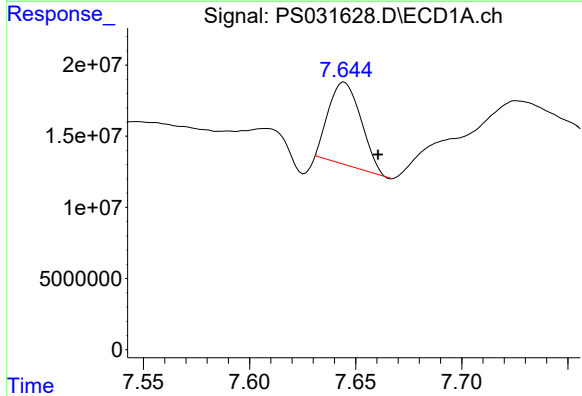
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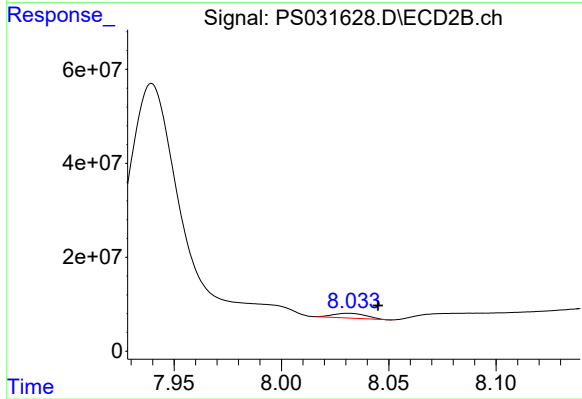
#5 DICAMBA

R.T.: 7.939 min  
Delta R.T.: -0.008 min  
Response: 785091294  
Conc: 138.15 ng/ml m



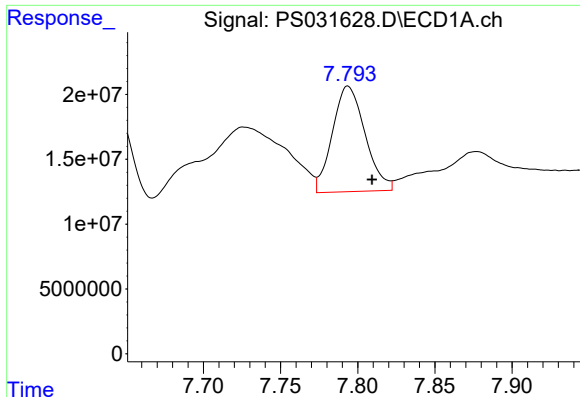
#6 MCP

R.T.: 7.644 min  
Delta R.T.: -0.016 min  
Response: 61390862  
Conc: 7.63 ug/ml



#6 MCP

R.T.: 8.031 min  
Delta R.T.: -0.014 min  
Response: 10997298  
Conc: 6.22 ug/ml



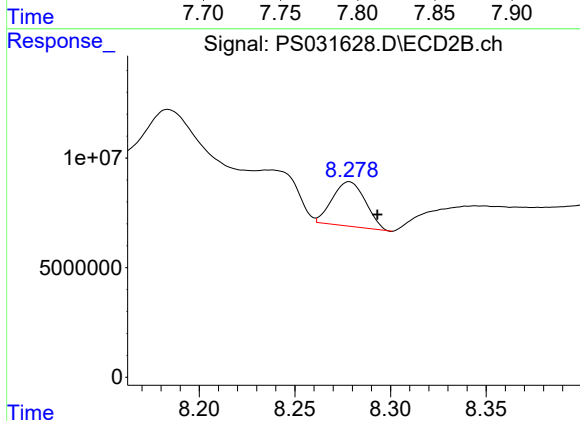
#7 MCPA

R.T.: 7.794 min  
Delta R.T.: -0.016 min  
Response: 120309655  
Conc: 12.08 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025

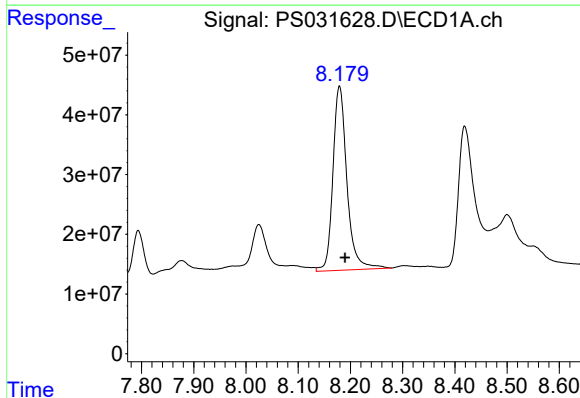
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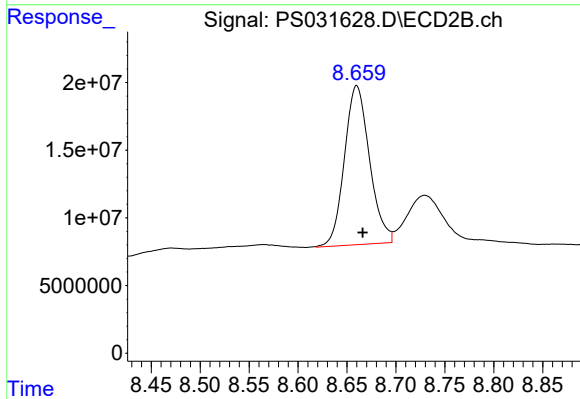
#7 MCPA

R.T.: 8.278 min  
Delta R.T.: -0.015 min  
Response: 24416452  
Conc: 8.70 ug/ml



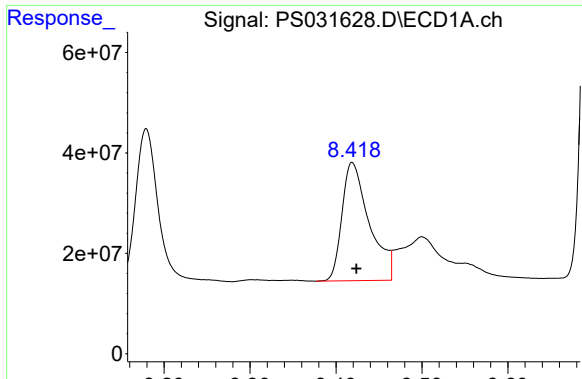
#8 DICHLORPROP

R.T.: 8.179 min  
Delta R.T.: -0.010 min  
Response: 575347844  
Conc: 181.36 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min  
Delta R.T.: -0.007 min  
Response: 209906899  
Conc: 157.23 ng/ml m



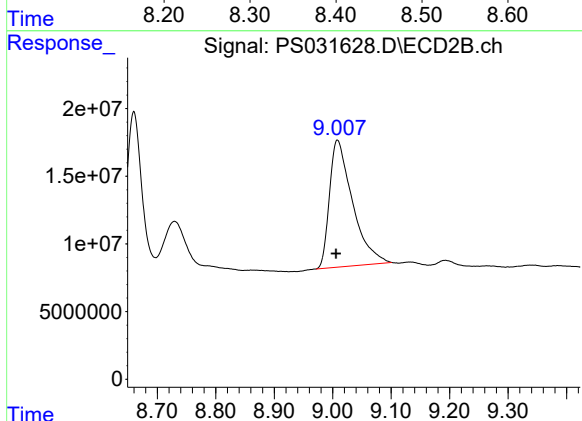
#9 2,4-D

R.T.: 8.419 min  
Delta R.T.: -0.005 min  
Response: 520689572  
Conc: 181.00 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025

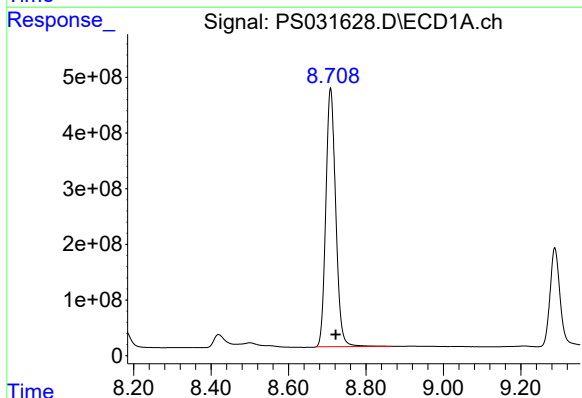
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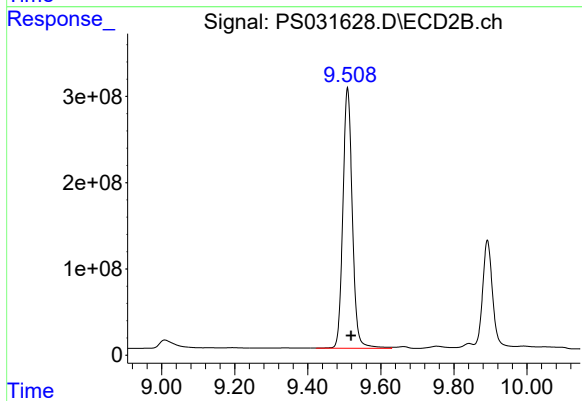
#9 2,4-D

R.T.: 9.008 min  
Delta R.T.: 0.003 min  
Response: 257205819  
Conc: 180.21 ng/ml



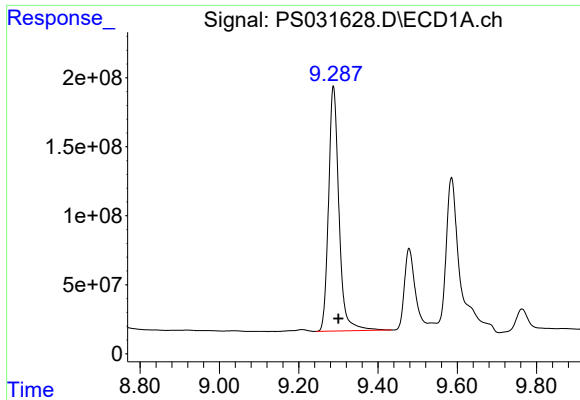
#10 Pentachlorophenol

R.T.: 8.709 min  
Delta R.T.: -0.014 min  
Response: 8209344627  
Conc: 170.98 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min  
Delta R.T.: -0.010 min  
Response: 5422889121  
Conc: 155.70 ng/ml



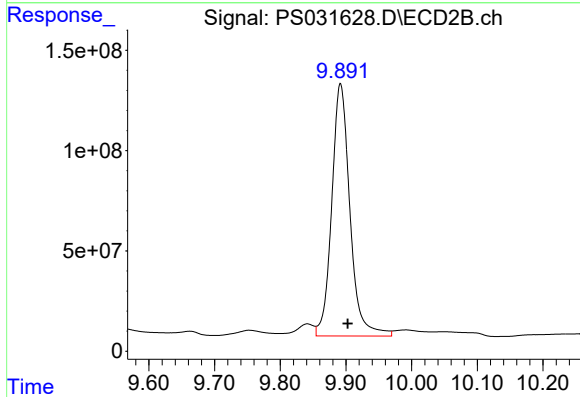
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min  
Delta R.T.: -0.013 min  
Response: 3242049855  
Conc: 180.88 ng/ml

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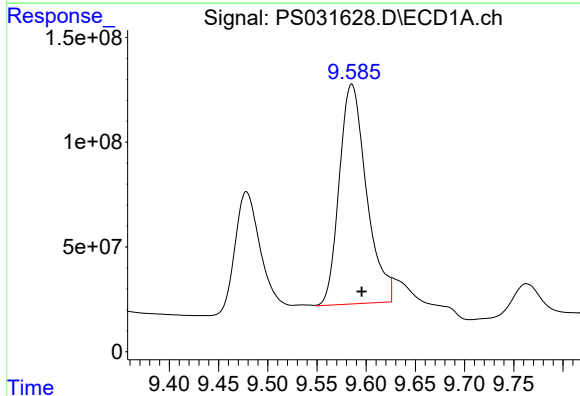
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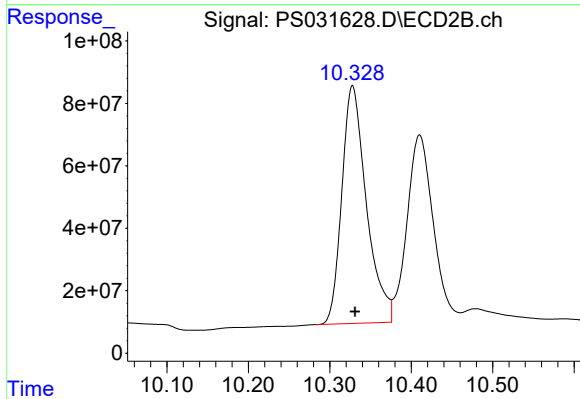
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min  
Delta R.T.: -0.011 min  
Response: 2423586671  
Conc: 184.78 ng/ml



#12 2,4,5-T

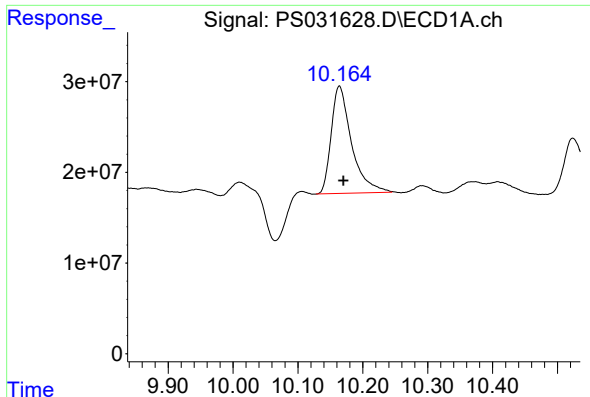
R.T.: 9.585 min  
Delta R.T.: -0.011 min  
Response: 2027832527  
Conc: 138.41 ng/ml m



#12 2,4,5-T

R.T.: 10.328 min  
Delta R.T.: -0.003 min  
Response: 1595915682  
Conc: 134.79 ng/ml m





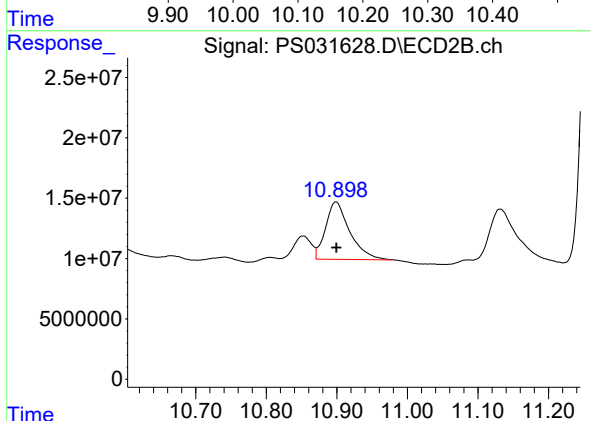
#13 2,4-DB

R.T.: 10.164 min  
Delta R.T.: -0.006 min  
Response: 257930345  
Conc: 134.22 ng/ml

Instrument :  
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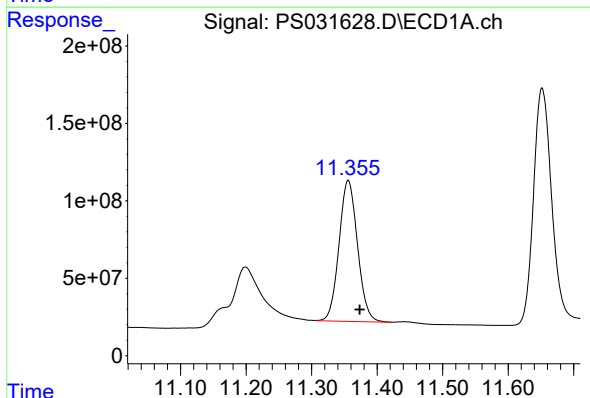
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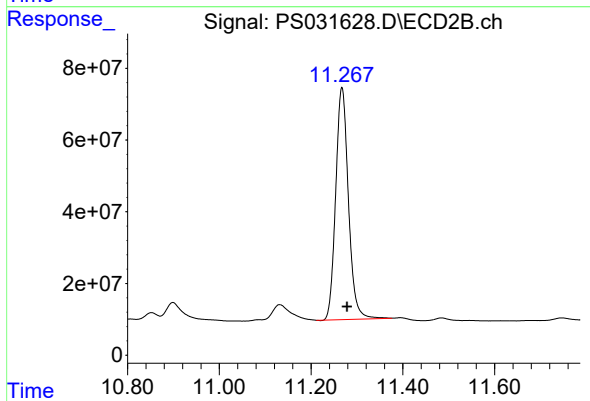
#13 2,4-DB

R.T.: 10.898 min  
Delta R.T.: 0.000 min  
Response: 113322358  
Conc: 117.45 ng/ml m



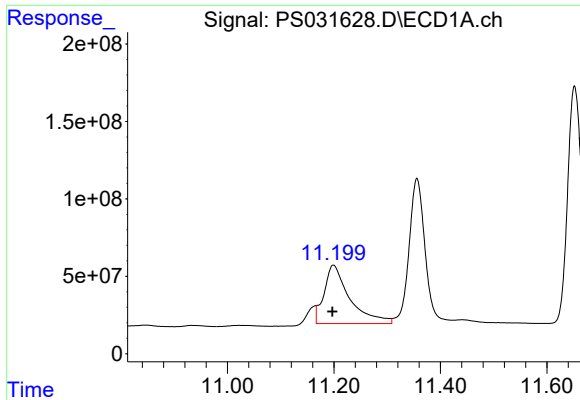
#14 DINOSEB

R.T.: 11.355 min  
Delta R.T.: -0.018 min  
Response: 1785678874  
Conc: 140.84 ng/ml m



#14 DINOSEB

R.T.: 11.267 min  
Delta R.T.: -0.011 min  
Response: 1246618679  
Conc: 131.82 ng/ml



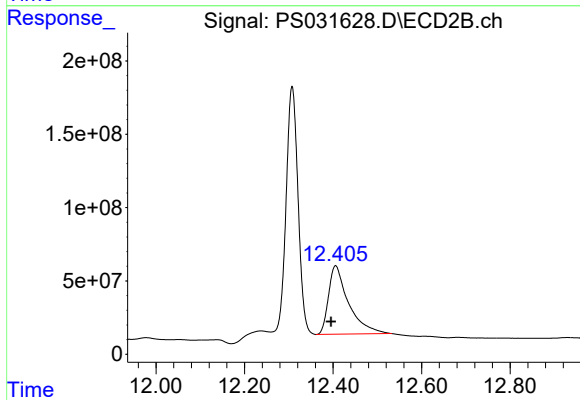
#15 Picloram

R.T.: 11.199 min  
Delta R.T.: 0.002 min  
Response: 1263996930  
Conc: 96.83 ng/ml

Instrument :  
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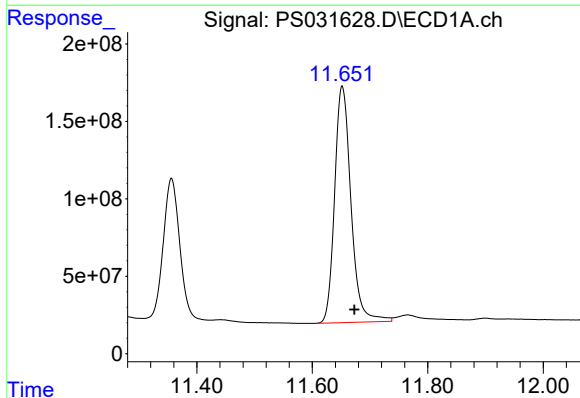
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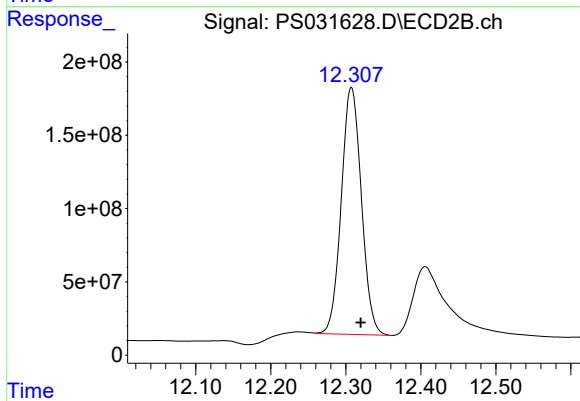
#15 Picloram

R.T.: 12.406 min  
Delta R.T.: 0.010 min  
Response: 1462702861  
Conc: 83.44 ng/ml



#16 DCPA

R.T.: 11.651 min  
Delta R.T.: -0.022 min  
Response: 3013795602  
Conc: 132.30 ng/ml m



#16 DCPA

R.T.: 12.307 min  
Delta R.T.: -0.013 min  
Response: 3135935504  
Conc: 159.18 ng/ml m