

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS091125\  
 Data File : PS031702.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Sep 2025 16:47  
 Operator : AR\AJ  
 Sample : Q2893-02  
 Misc : LOQ SOIL 200PPB  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 LOQ-SOIL-02-QT3-2025

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/12/2025  
 Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 12 03:46:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS090925.M  
 Quant Title : 8080.M  
 QLast Update : Tue Sep 09 13:56:38 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     | 7.287  | 7.745  | 1860.8E6  | 541.0E6  | 516.680  | 595.228   |
| Target Compounds            |              |        |        |           |          |          |           |
| 1) T                        | Dalapon      | 2.670  | 2.691  | 1230.1E6  | 533.6E6  | 212.787  | 189.373m  |
| 2) T                        | 3,5-DICHL... | 6.455  | 6.702  | 1024.7E6  | 251.9E6  | 192.132  | 165.215   |
| 3) T                        | 4-Nitroph... | 7.107  | 7.313  | 174.8E6   | 164.5E6  | 158.426  | 130.306   |
| 5) T                        | DICAMBA      | 7.471  | 7.941  | 2796.6E6  | 1052.0E6 | 179.307  | 161.670m  |
| 6) T                        | MCPD         | 7.645  | 8.034  | 148.7E6   | 27501104 | 16.635m  | 14.602m   |
| 7) T                        | MCPA         | 7.794  | 8.279  | 181.9E6   | 44751796 | 16.375   | 15.976m   |
| 8) T                        | DICHLORPROP  | 8.181  | 8.663  | 744.0E6   | 270.5E6  | 208.884  | 185.916   |
| 9) T                        | 2,4-D        | 8.425  | 9.012  | 736.9E6   | 360.6E6  | 215.107  | 219.191   |
| 10) T                       | Pentachlo... | 8.710  | 9.511  | 11424.9E6 | 7585.2E6 | 215.183  | 191.110   |
| 11) T                       | 2,4,5-TP ... | 9.290  | 9.897  | 4379.6E6  | 3044.5E6 | 208.816  | 202.231   |
| 12) T                       | 2,4,5-T      | 9.591  | 10.332 | 3608.2E6  | 2312.5E6 | 197.191  | 171.844   |
| 13) T                       | 2,4-DB       | 10.168 | 10.902 | 376.6E6   | 176.9E6  | 161.444m | 165.281   |
| 14) T                       | DINOSEB      | 11.357 | 11.269 | 2581.4E6  | 1584.9E6 | 178.985  | 163.040   |
| 15) T                       | Picloram     | 11.205 | 12.406 | 2137.8E6  | 3276.1E6 | 118.692  | 138.328   |
| 16) T                       | DCPA         | 11.651 | 12.309 | 3392.4E6  | 4343.0E6 | 125.879  | 180.175 # |
| -----                       |              |        |        |           |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS091125\  
Data File : PS031702.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Sep 2025 16:47  
Operator : AR\AJ  
Sample : Q2893-02  
Misc : LOQ SOIL 200PPB  
ALS Vial : 8 Sample Multiplier: 1

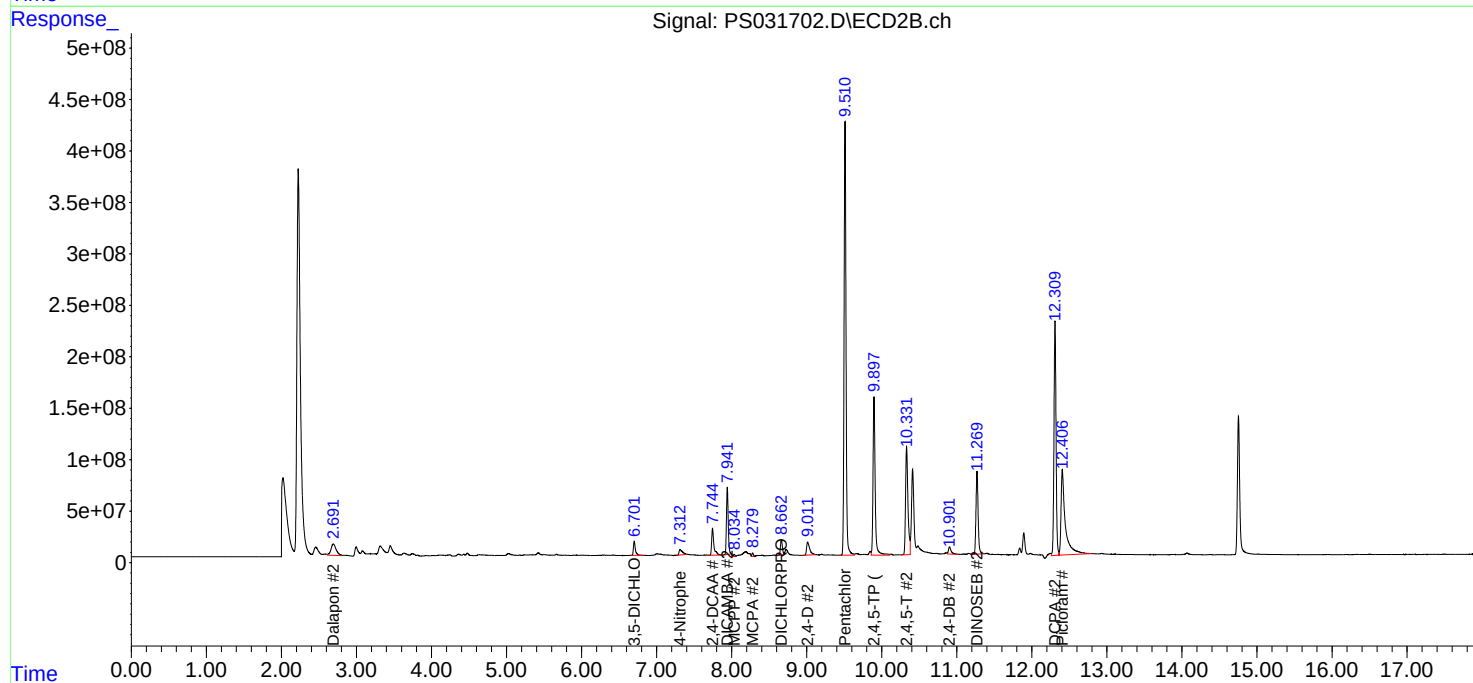
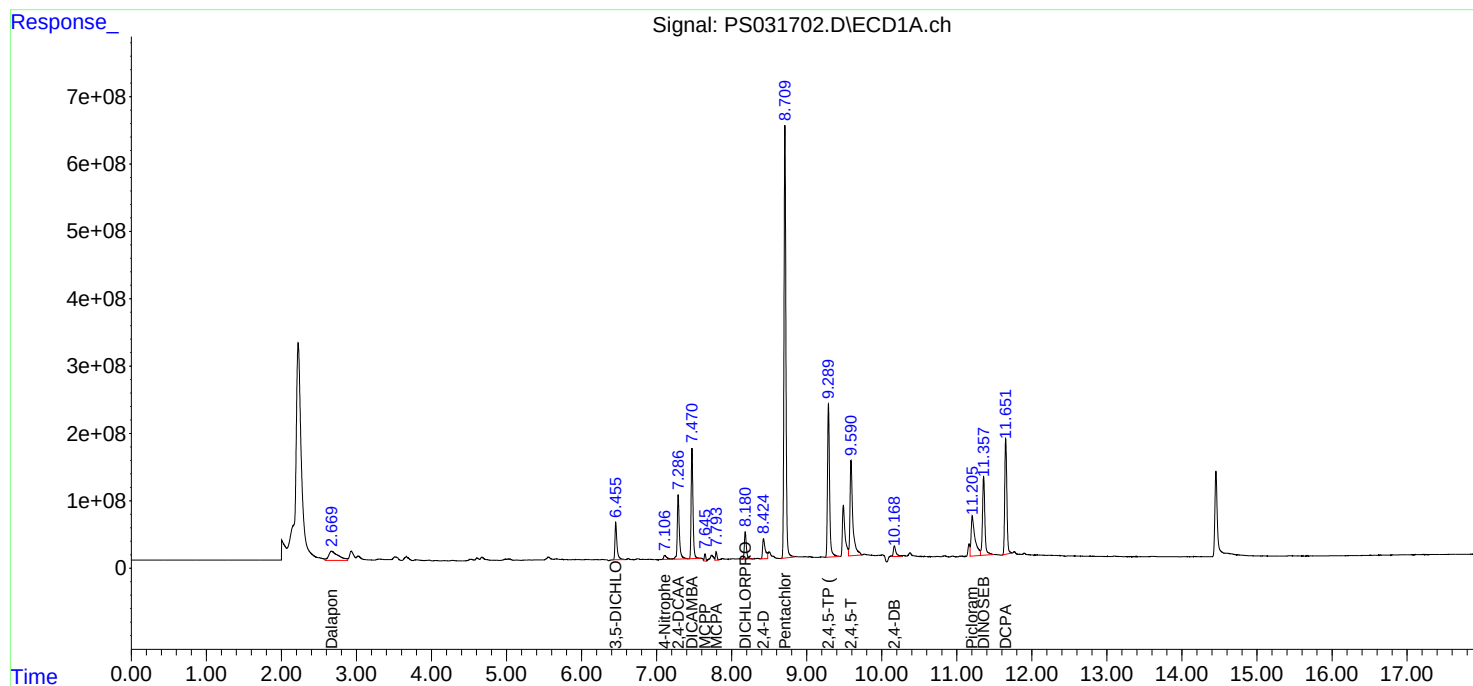
Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT3-2025

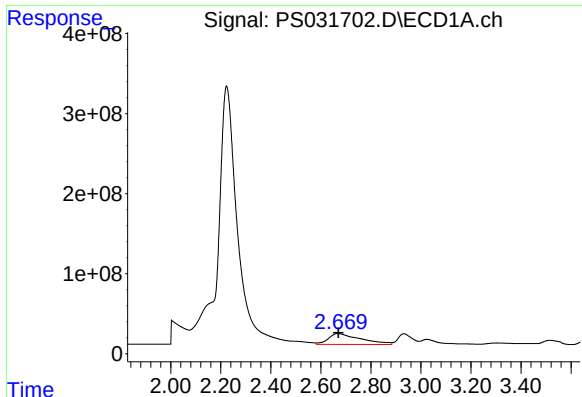
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 12 03:46:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS090925.M  
Quant Title : 8080.M  
QLast Update : Tue Sep 09 13:56:38 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





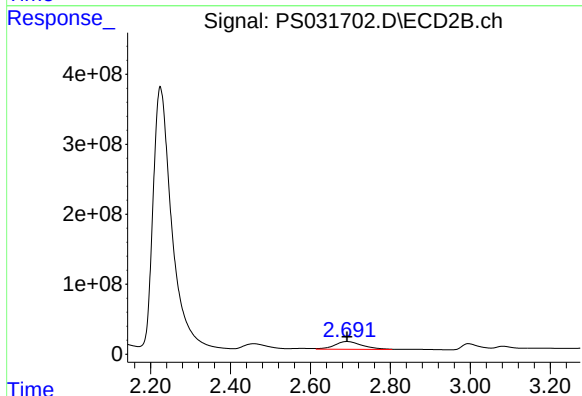
#1 Dalapon

R.T.: 2.670 min  
Delta R.T.: -0.001 min  
Response: 1230069545  
Conc: 212.79 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT3-2025

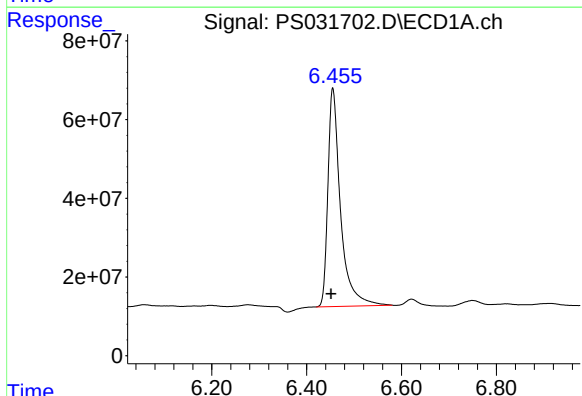
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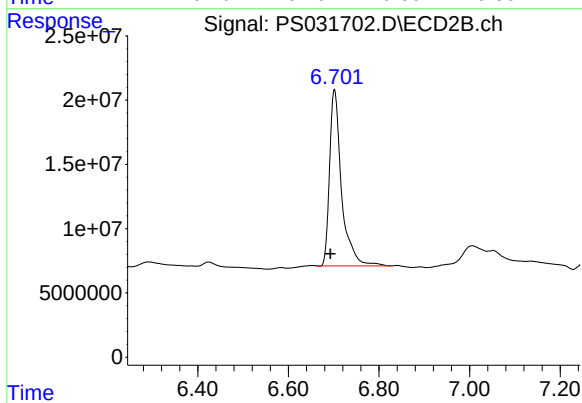
#1 Dalapon

R.T.: 2.691 min  
Delta R.T.: -0.001 min  
Response: 533581847  
Conc: 189.37 ng/ml m



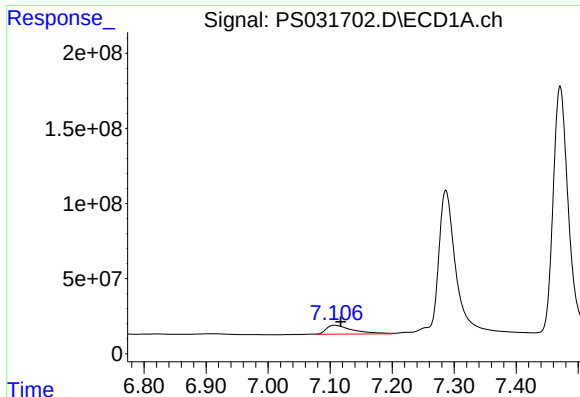
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min  
Delta R.T.: 0.004 min  
Response: 1024710802  
Conc: 192.13 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.702 min  
Delta R.T.: 0.009 min  
Response: 251946416  
Conc: 165.21 ng/ml



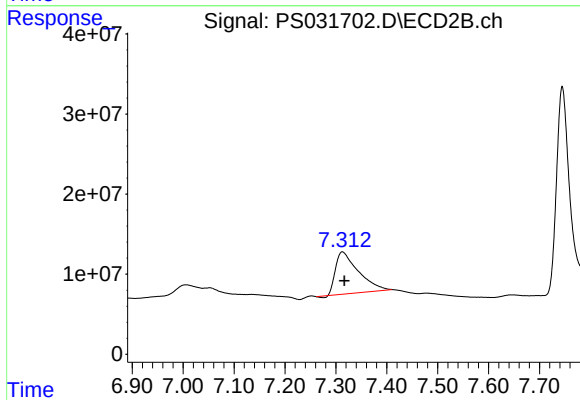
#3 4-Nitrophenol

R.T.: 7.107 min  
Delta R.T.: -0.010 min  
Response: 174777299  
Conc: 158.43 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT3-2025

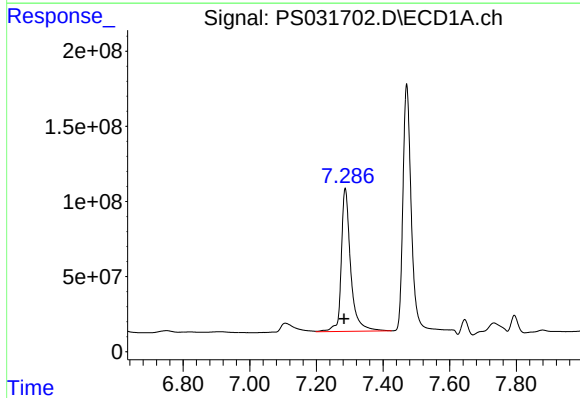
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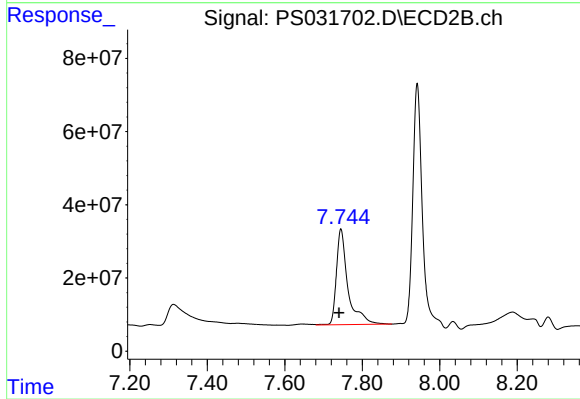
#3 4-Nitrophenol

R.T.: 7.313 min  
Delta R.T.: -0.004 min  
Response: 164548347  
Conc: 130.31 ng/ml



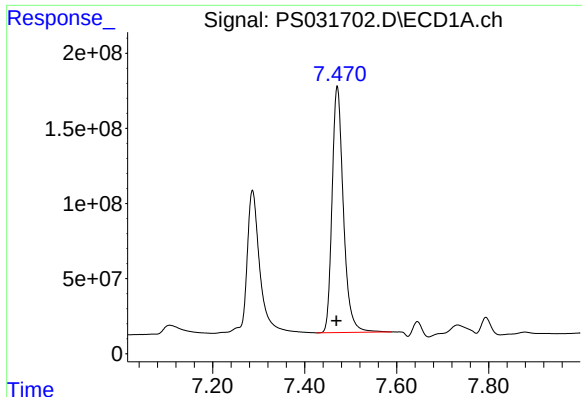
#4 2,4-DCAA

R.T.: 7.287 min  
Delta R.T.: 0.003 min  
Response: 1860835392  
Conc: 516.68 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min  
Delta R.T.: 0.004 min  
Response: 541002236  
Conc: 595.23 ng/ml



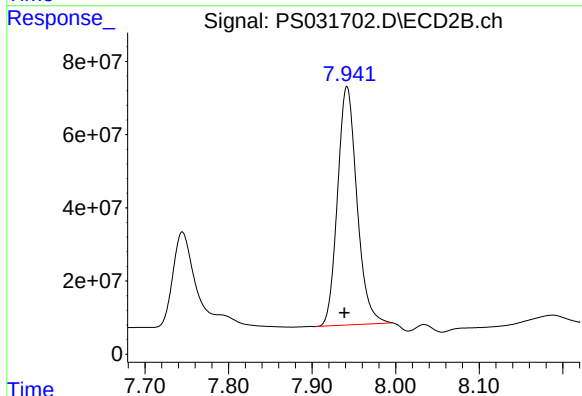
#5 DICAMBA

R.T.: 7.471 min  
Delta R.T.: 0.002 min  
Response: 2796593803  
Conc: 179.31 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT3-2025

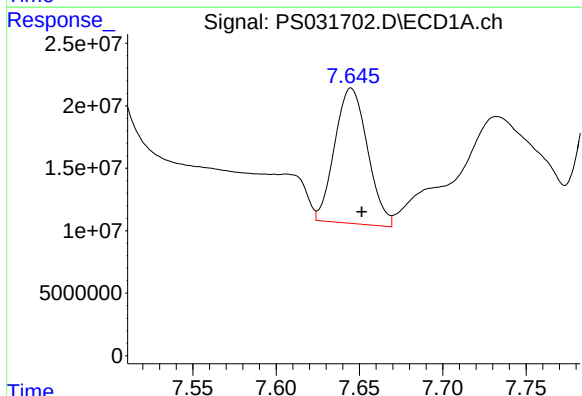
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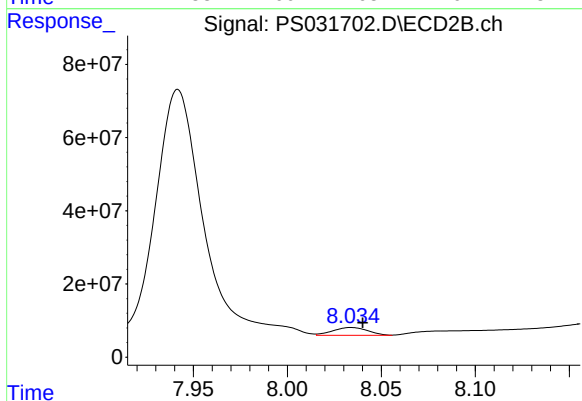
#5 DICAMBA

R.T.: 7.941 min  
Delta R.T.: 0.003 min  
Response: 1051962167  
Conc: 161.67 ng/ml m



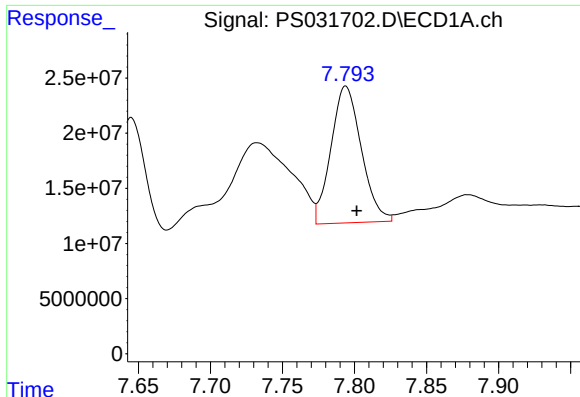
#6 MCP

R.T.: 7.645 min  
Delta R.T.: -0.007 min  
Response: 148708147  
Conc: 16.64 ug/ml m



#6 MCP

R.T.: 8.034 min  
Delta R.T.: -0.007 min  
Response: 27501104  
Conc: 14.60 ug/ml m



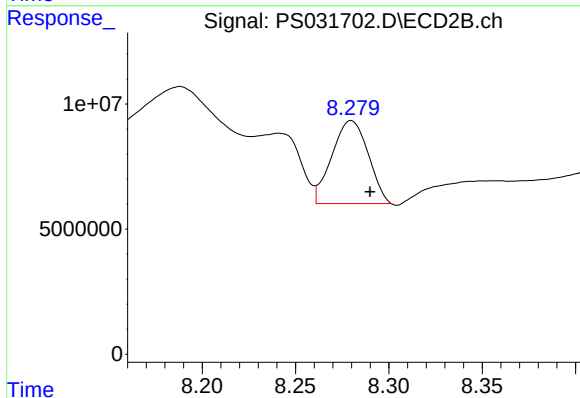
#7 MCPA

R.T.: 7.794 min  
Delta R.T.: -0.008 min  
Response: 181931198  
Conc: 16.37 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT3-2025

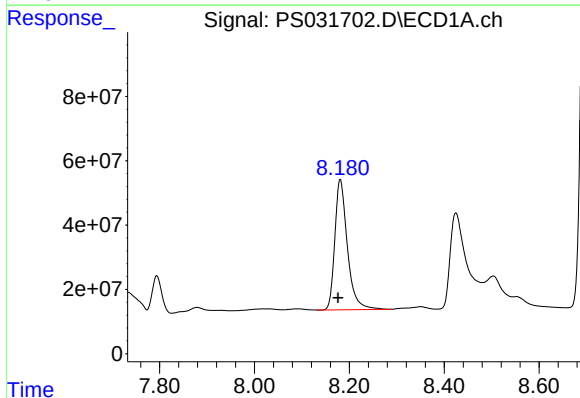
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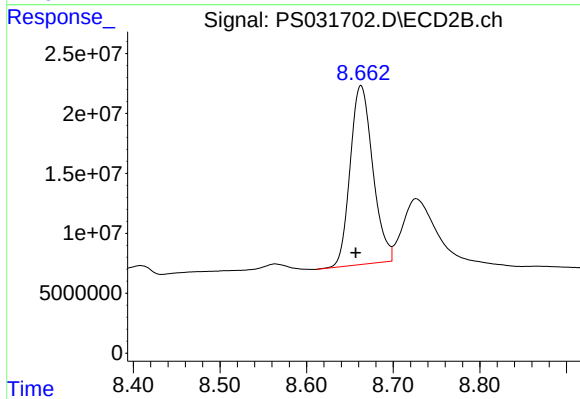
#7 MCPA

R.T.: 8.279 min  
Delta R.T.: -0.011 min  
Response: 44751796  
Conc: 15.98 ug/ml m



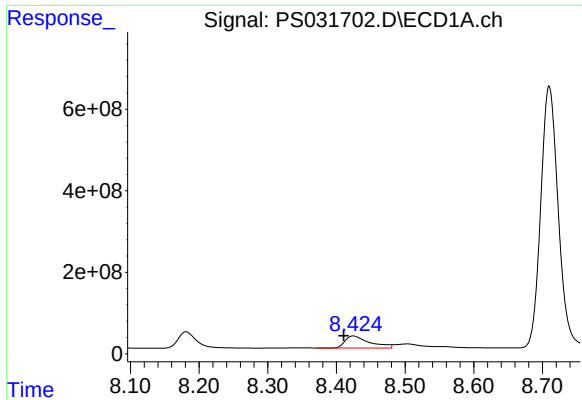
#8 DICHLORPROP

R.T.: 8.181 min  
Delta R.T.: 0.004 min  
Response: 743995174  
Conc: 208.88 ng/ml



#8 DICHLORPROP

R.T.: 8.663 min  
Delta R.T.: 0.006 min  
Response: 270518664  
Conc: 185.92 ng/ml



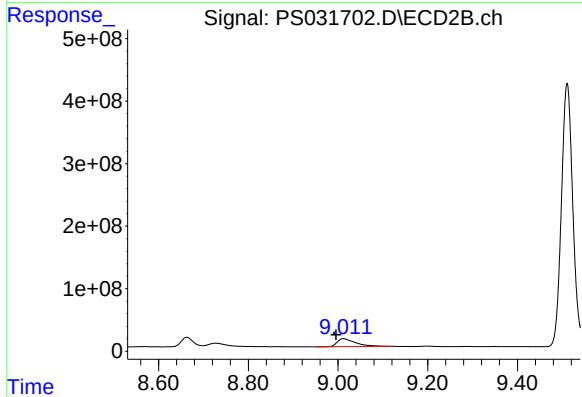
#9 2,4-D

R.T.: 8.425 min  
Delta R.T.: 0.014 min  
Response: 736878163  
Conc: 215.11 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT3-2025

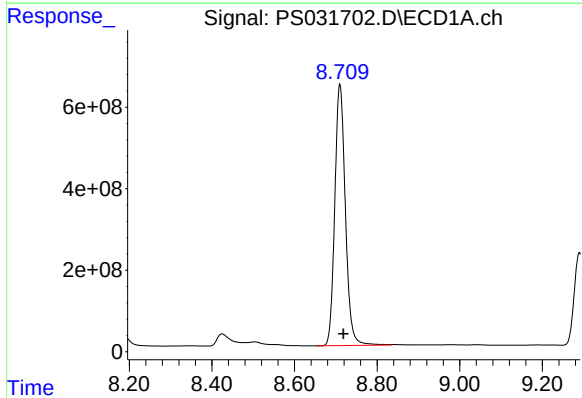
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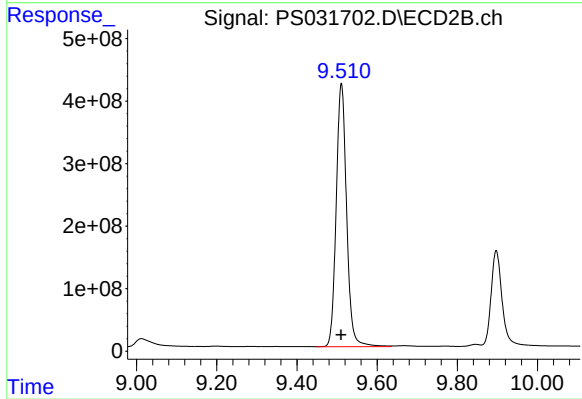
#9 2,4-D

R.T.: 9.012 min  
Delta R.T.: 0.017 min  
Response: 360593391  
Conc: 219.19 ng/ml



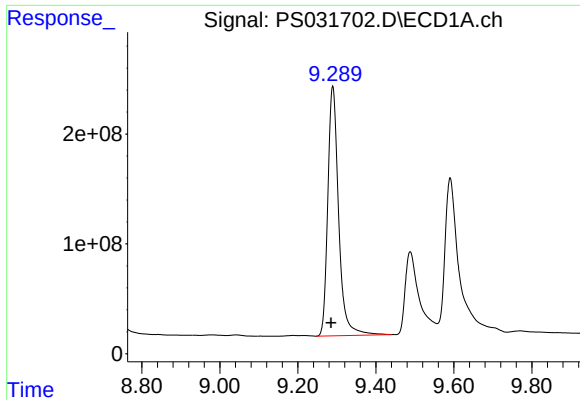
#10 Pentachlorophenol

R.T.: 8.710 min  
Delta R.T.: -0.009 min  
Response: 11424872978  
Conc: 215.18 ng/ml



#10 Pentachlorophenol

R.T.: 9.511 min  
Delta R.T.: 0.001 min  
Response: 7585239544  
Conc: 191.11 ng/ml



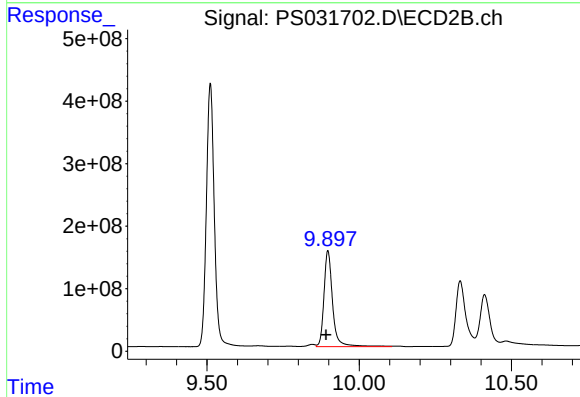
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min  
Delta R.T.: 0.004 min  
Response: 4379639324  
Conc: 208.82 ng/ml

Instrument :  
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LOQ-SOIL-02-QT3-2025

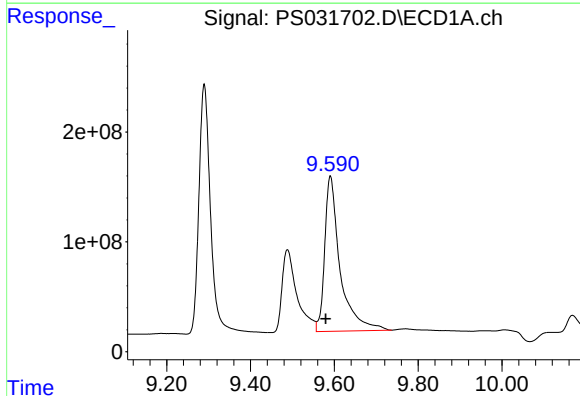
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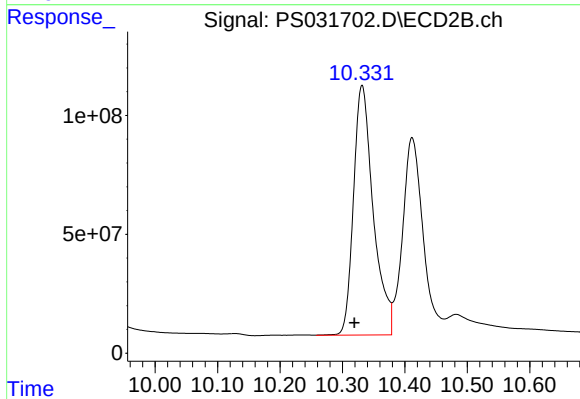
#11 2,4,5-TP (SILVEX)

R.T.: 9.897 min  
Delta R.T.: 0.005 min  
Response: 3044455048  
Conc: 202.23 ng/ml



#12 2,4,5-T

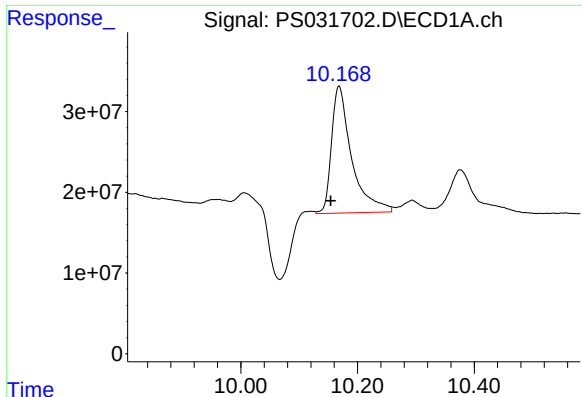
R.T.: 9.591 min  
Delta R.T.: 0.011 min  
Response: 3608237948  
Conc: 197.19 ng/ml



#12 2,4,5-T

R.T.: 10.332 min  
Delta R.T.: 0.012 min  
Response: 2312504615  
Conc: 171.84 ng/ml





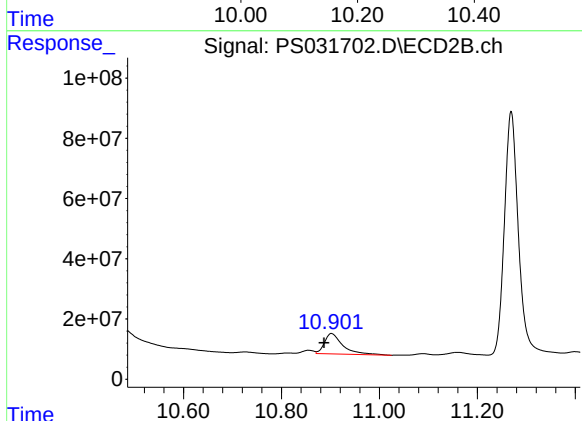
#13 2,4-DB

R.T.: 10.168 min  
Delta R.T.: 0.014 min  
Response: 376610293  
Conc: 161.44 ng/ml

Instrument :  
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LOQ-SOIL-02-QT3-2025

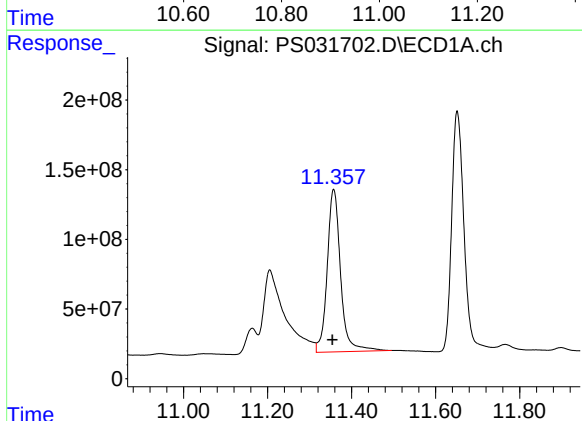
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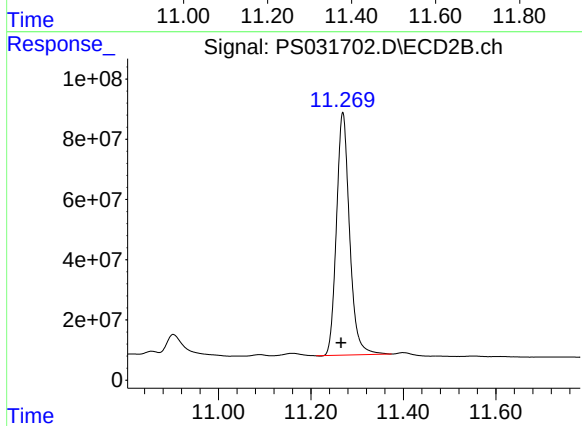
#13 2,4-DB

R.T.: 10.902 min  
Delta R.T.: 0.015 min  
Response: 176858371  
Conc: 165.28 ng/ml



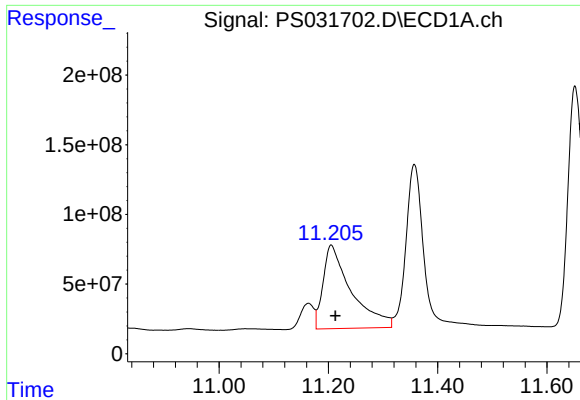
#14 DINOSEB

R.T.: 11.357 min  
Delta R.T.: 0.003 min  
Response: 2581438690  
Conc: 178.98 ng/ml



#14 DINOSEB

R.T.: 11.269 min  
Delta R.T.: 0.004 min  
Response: 1584860055  
Conc: 163.04 ng/ml



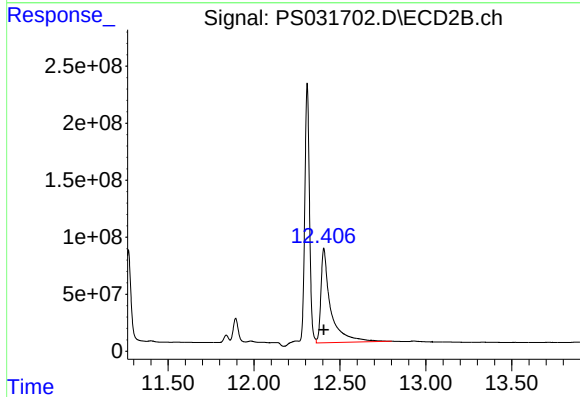
#15 Picloram

R.T.: 11.205 min  
Delta R.T.: -0.008 min  
Response: 2137778113  
Conc: 118.69 ng/ml

Instrument :  
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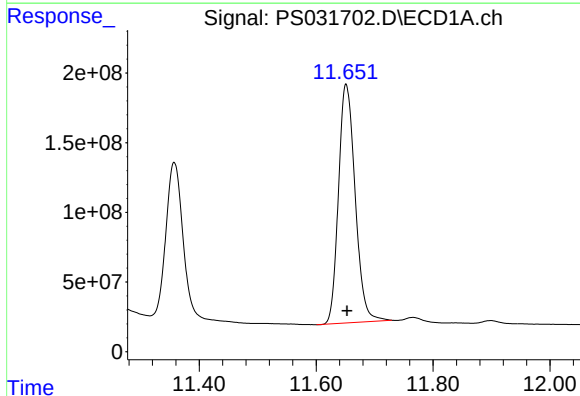
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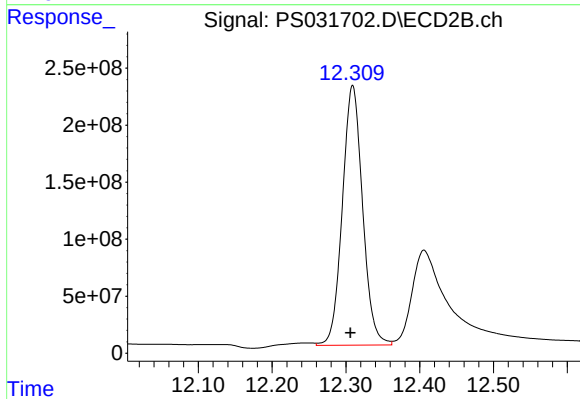
#15 Picloram

R.T.: 12.406 min  
Delta R.T.: 0.000 min  
Response: 3276066276  
Conc: 138.33 ng/ml



#16 DCPA

R.T.: 11.651 min  
Delta R.T.: -0.002 min  
Response: 3392420895  
Conc: 125.88 ng/ml



#16 DCPA

R.T.: 12.309 min  
Delta R.T.: 0.003 min  
Response: 4342962448  
Conc: 180.18 ng/ml