

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS050824\  
 Data File : PS026677.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 May 2024 18:39  
 Operator : AR\AJ  
 Sample : P2403-01  
 Misc : LOD SOIL 150PPB  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2024

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/09/2024  
 Supervised By :Ankita Jodhani 05/09/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 09 05:45:38 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS050624.M  
 Quant Title : 8080.M  
 QLast Update : Mon May 06 13:55:47 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2  
 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     | 7.274  | 7.781  | 1101.2E6 | 675.9E6  | 442.815  | 405.349m  |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.658  | 2.709  | 331.3E6  | 325.1E6  | 90.597m  | 110.897m  |
| 2) T                        | 3,5-DICHL... | 6.440  | 6.728  | 374.6E6  | 273.8E6  | 108.924  | 111.918   |
| 3) T                        | 4-Nitroph... | 7.075  | 7.306  | 168.4E6  | 111.8E6  | 104.519m | 98.302m   |
| 5) T                        | DICAMBA      | 7.461  | 7.982  | 1065.4E6 | 754.3E6  | 103.881  | 101.882   |
| 6) T                        | MCPD         | 7.638  | 8.080  | 61726851 | 45012941 | 8.308m   | 8.757     |
| 7) T                        | MCPA         | 7.787  | 8.323  | 111.4E6  | 94899887 | 10.060   | 12.691 #  |
| 8) T                        | DICHLORPROP  | 8.167  | 8.699  | 364.8E6  | 222.6E6  | 121.743  | 116.010   |
| 9) T                        | 2,4-D        | 8.398  | 9.030  | 435.1E6  | 273.2E6  | 132.175  | 132.609   |
| 10) T                       | Pentachlo... | 8.696  | 9.561  | 4753.0E6 | 3193.2E6 | 116.071  | 116.839   |
| 11) T                       | 2,4,5-TP ... | 9.276  | 9.936  | 1991.8E6 | 1360.7E6 | 119.674  | 123.310m  |
| 12) T                       | 2,4,5-T      | 9.570  | 10.356 | 1822.3E6 | 1247.0E6 | 106.924  | 115.118   |
| 13) T                       | 2,4-DB       | 10.144 | 10.948 | 243.8E6  | 210.9E6  | 102.842m | 155.167m# |
| 14) T                       | DINOSEB      | 11.355 | 11.301 | 1221.5E6 | 955.8E6  | 118.960m | 139.150   |
| 15) T                       | Picloram     | 11.162 | 12.399 | 2176.2E6 | 1526.2E6 | 97.428m  | 95.238    |
| 16) T                       | DCPA         | 11.645 | 12.345 | 1782.5E6 | 1653.0E6 | 94.685   | 125.021 # |
| -----                       |              |        |        |          |          |          |           |

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

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Operator : AR\AJ  
Sample : P2403-01  
Misc : LOD SOIL 150PPB  
ALS Vial : 7 Sample Multiplier: 1

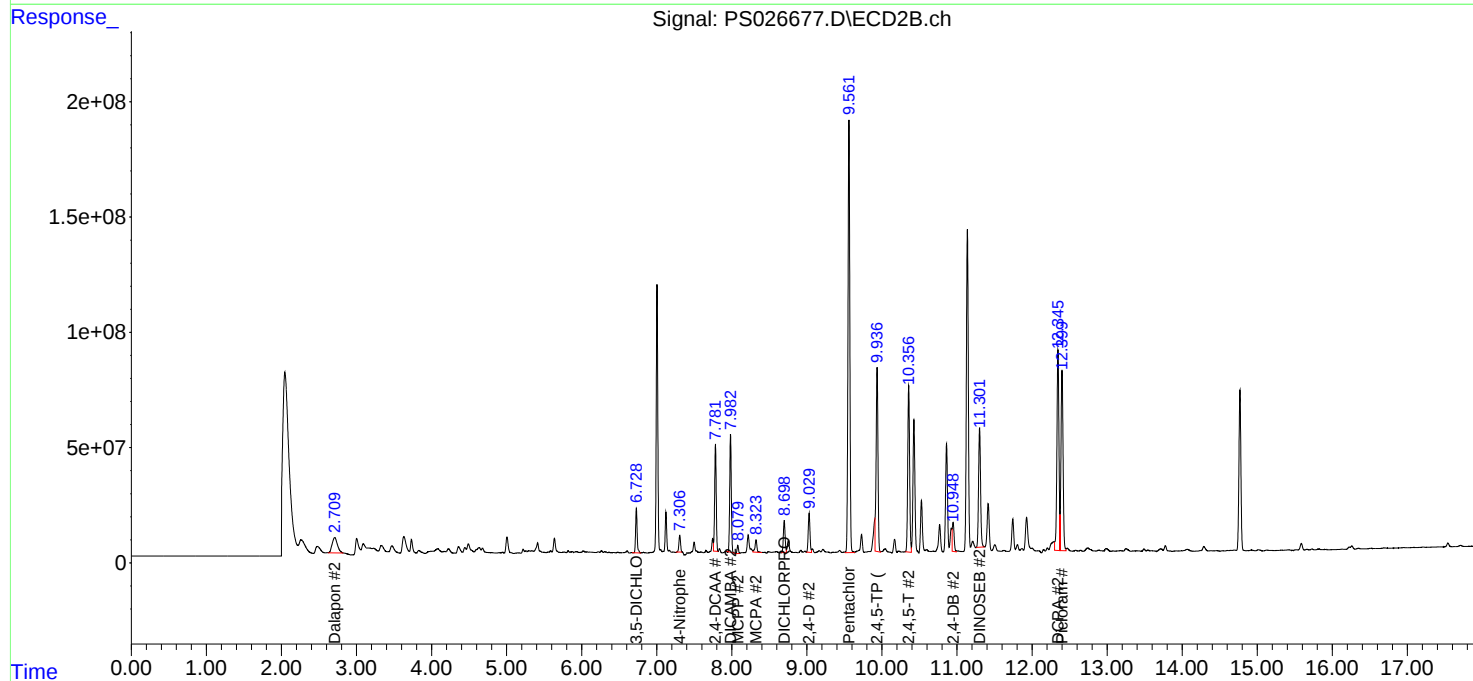
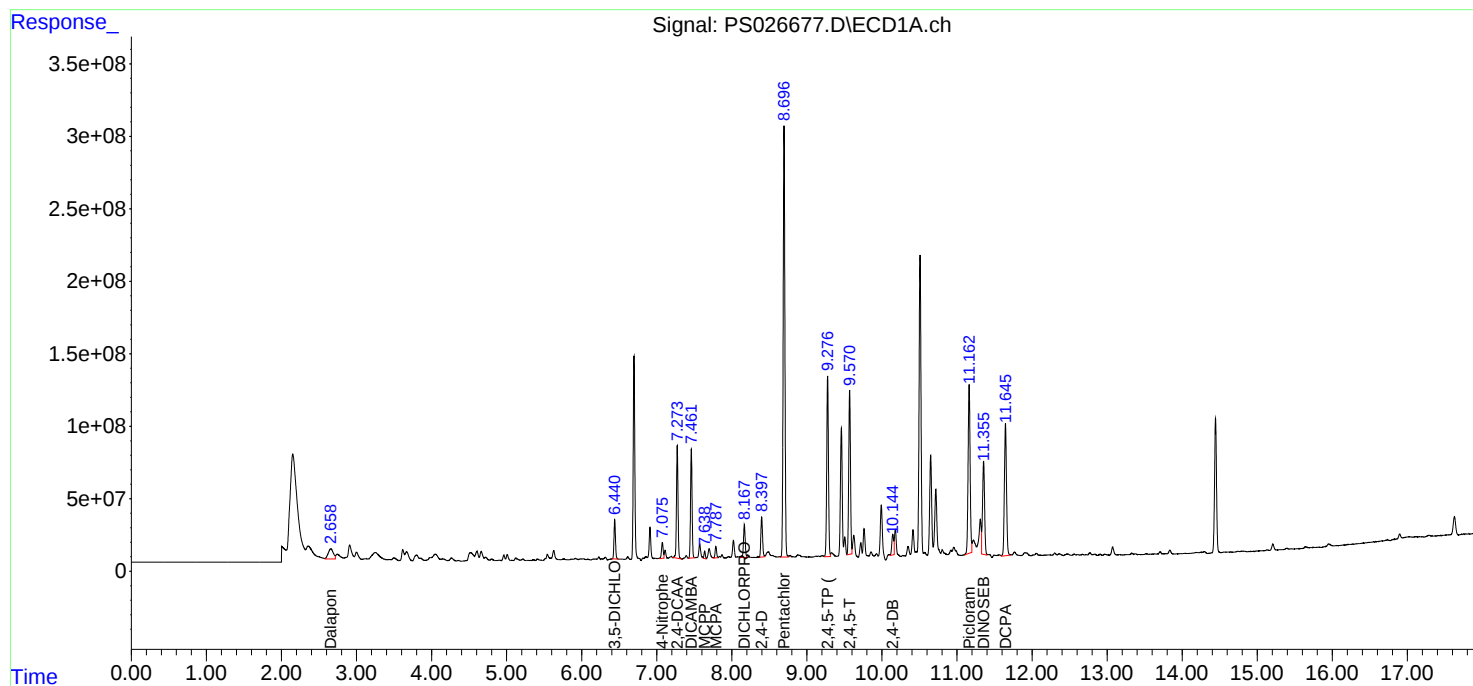
Instrument :  
ECD\_S  
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LOD-MDL-SOIL-01-QT2-2024

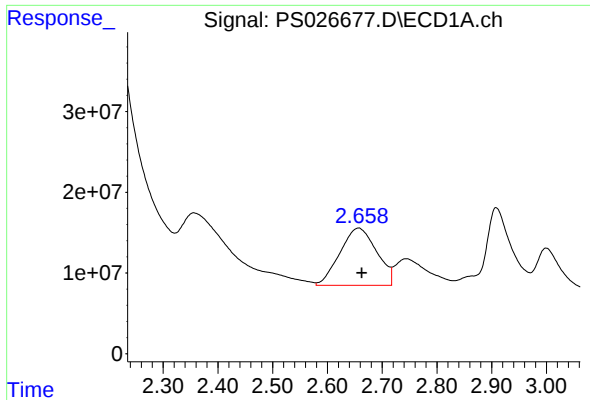
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Title : 8080.M  
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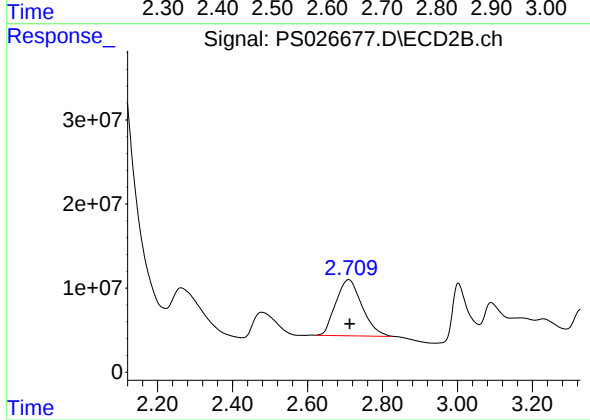
#1 Dalapon

R.T.: 2.658 min  
Delta R.T.: -0.005 min  
Response: 331338635  
Conc: 90.60 ng/ml

Instrument :  
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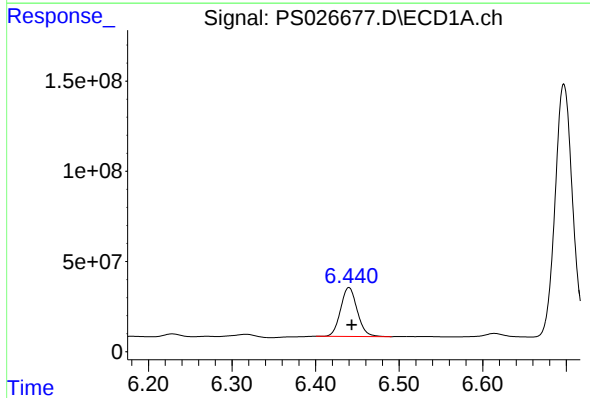
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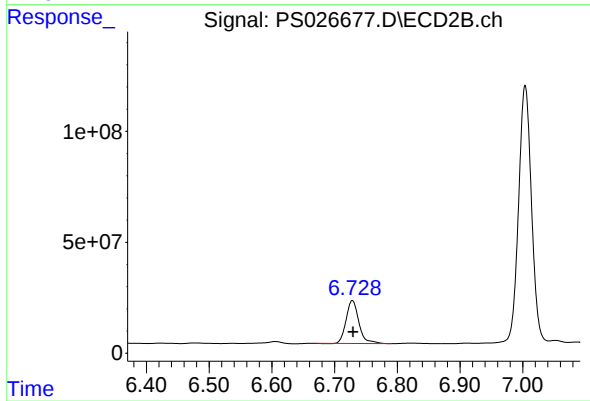
#1 Dalapon

R.T.: 2.709 min  
Delta R.T.: -0.003 min  
Response: 325124374  
Conc: 110.90 ng/ml m



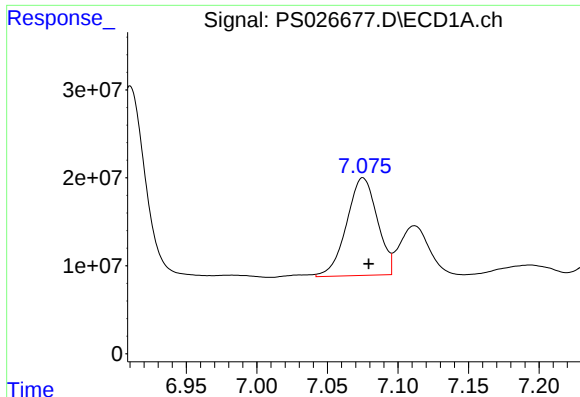
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.440 min  
Delta R.T.: -0.003 min  
Response: 374631714  
Conc: 108.92 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.728 min  
Delta R.T.: -0.001 min  
Response: 273790875  
Conc: 111.92 ng/ml



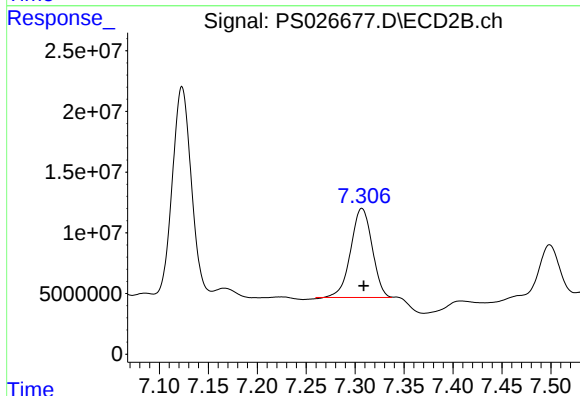
#3 4-Nitrophenol

R.T.: 7.075 min  
Delta R.T.: -0.005 min  
Response: 168396283  
Conc: 104.52 ng/ml

Instrument :  
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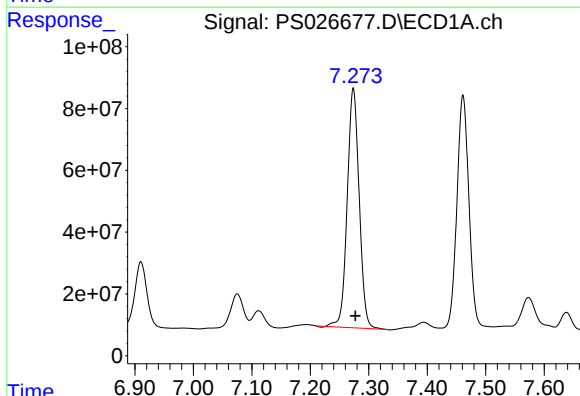
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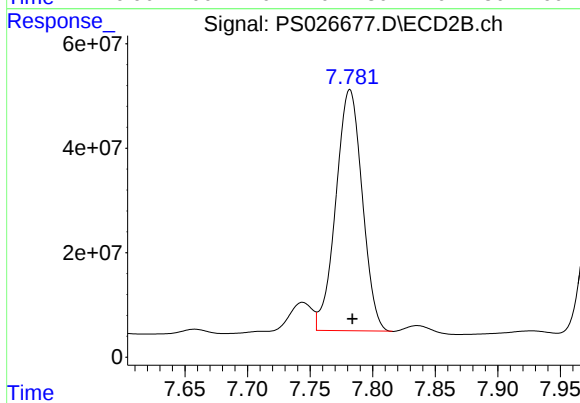
#3 4-Nitrophenol

R.T.: 7.306 min  
Delta R.T.: -0.002 min  
Response: 111794910  
Conc: 98.30 ng/ml m



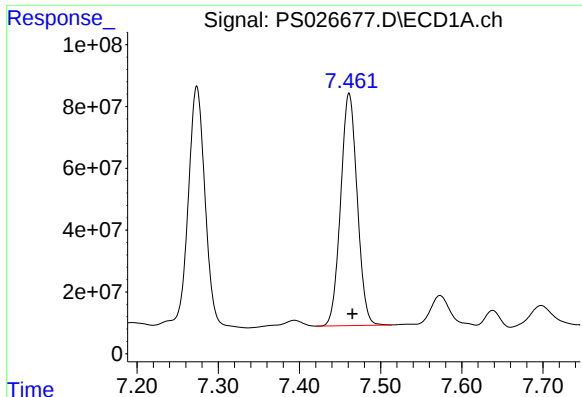
#4 2,4-DCAA

R.T.: 7.274 min  
Delta R.T.: -0.004 min  
Response: 1101217128  
Conc: 442.81 ng/ml



#4 2,4-DCAA

R.T.: 7.781 min  
Delta R.T.: -0.002 min  
Response: 675884637  
Conc: 405.35 ng/ml m



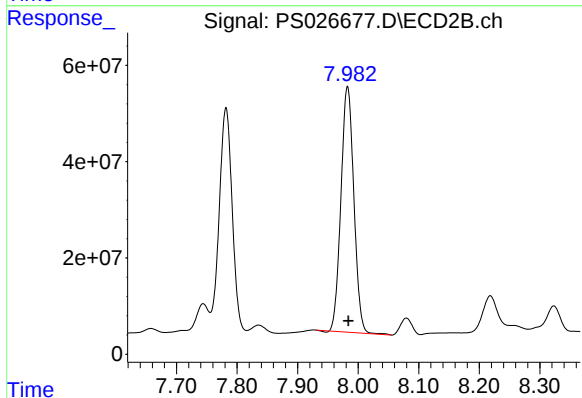
#5 DICAMBA

R.T.: 7.461 min  
Delta R.T.: -0.004 min  
Response: 1065369952  
Conc: 103.88 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2024

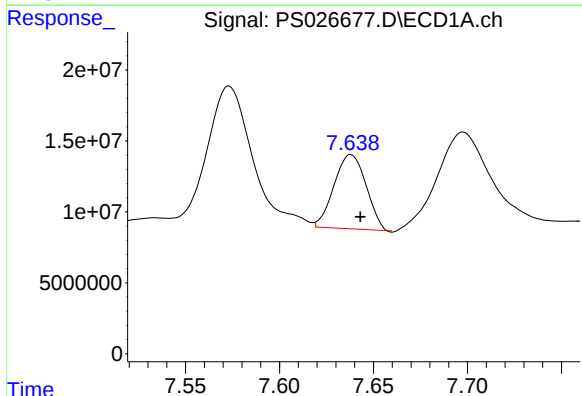
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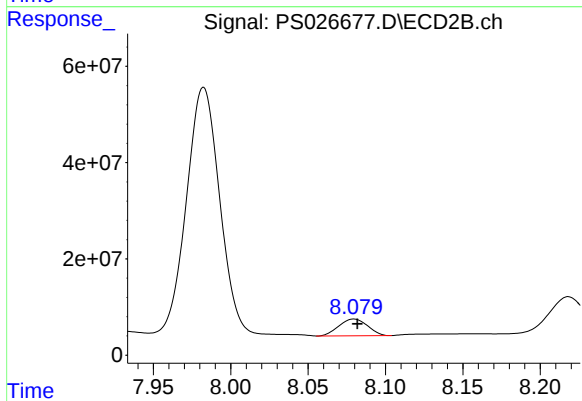
#5 DICAMBA

R.T.: 7.982 min  
Delta R.T.: -0.002 min  
Response: 754334346  
Conc: 101.88 ng/ml



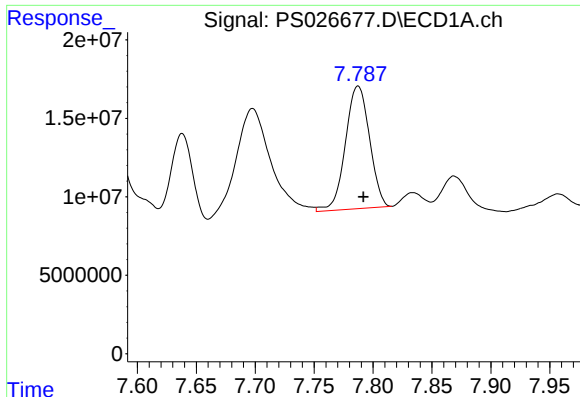
#6 MCP

R.T.: 7.638 min  
Delta R.T.: -0.006 min  
Response: 61726851  
Conc: 8.31 ug/ml m



#6 MCP

R.T.: 8.080 min  
Delta R.T.: -0.002 min  
Response: 45012941  
Conc: 8.76 ug/ml



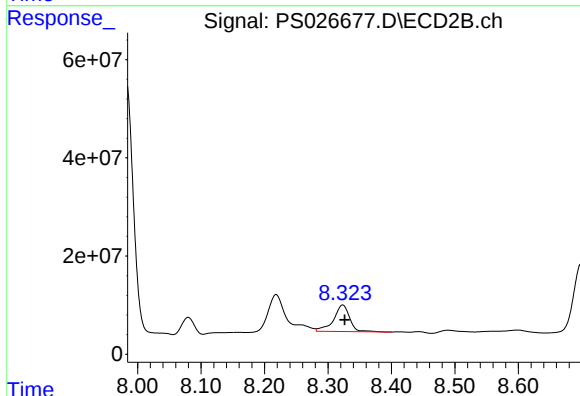
#7 MCPA

R.T.: 7.787 min  
Delta R.T.: -0.004 min  
Response: 111351437  
Conc: 10.06 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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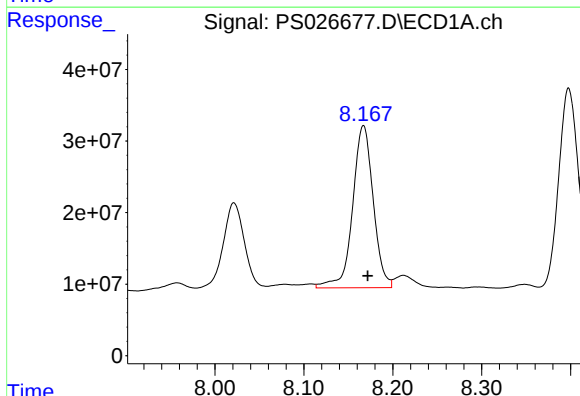
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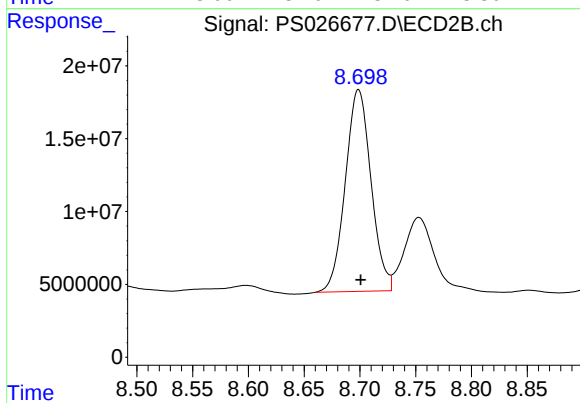
#7 MCPA

R.T.: 8.323 min  
Delta R.T.: -0.003 min  
Response: 94899887  
Conc: 12.69 ug/ml



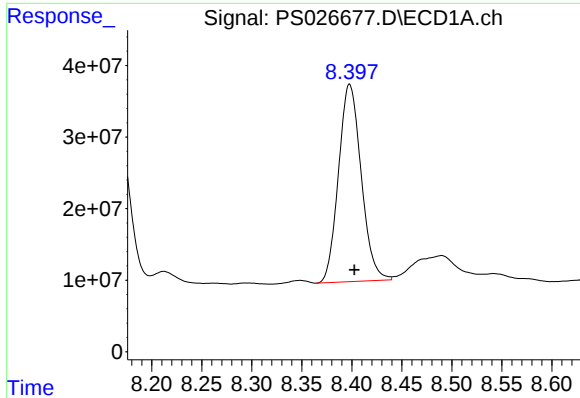
#8 DICHLORPROP

R.T.: 8.167 min  
Delta R.T.: -0.005 min  
Response: 364827662  
Conc: 121.74 ng/ml



#8 DICHLORPROP

R.T.: 8.699 min  
Delta R.T.: -0.002 min  
Response: 222590849  
Conc: 116.01 ng/ml



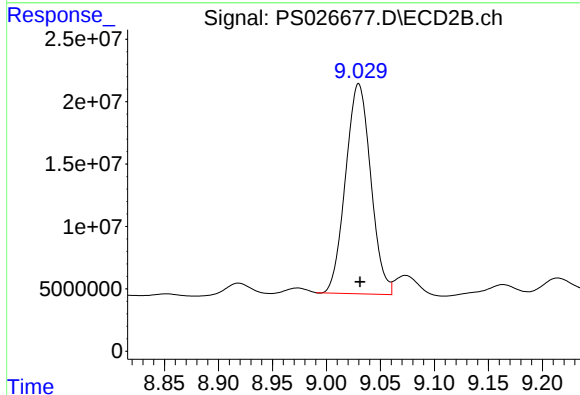
#9 2,4-D

R.T.: 8.398 min  
Delta R.T.: -0.005 min  
Response: 435092233  
Conc: 132.18 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2024

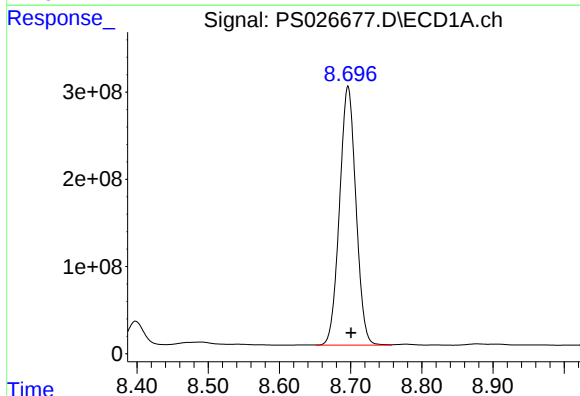
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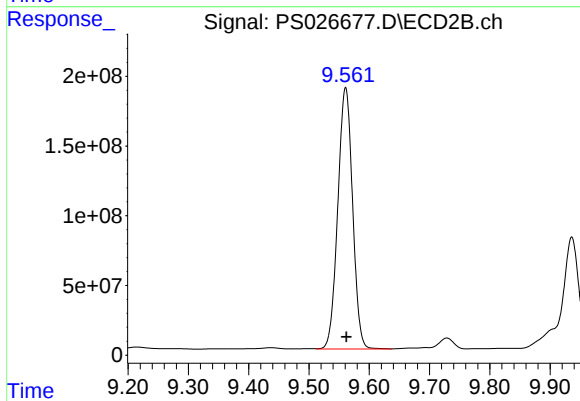
#9 2,4-D

R.T.: 9.030 min  
Delta R.T.: -0.001 min  
Response: 273225457  
Conc: 132.61 ng/ml



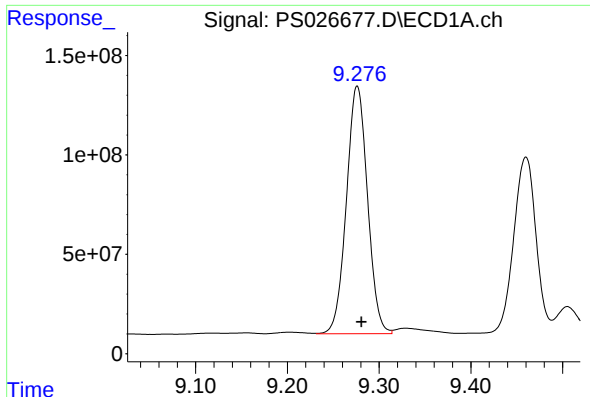
#10 Pentachlorophenol

R.T.: 8.696 min  
Delta R.T.: -0.004 min  
Response: 4752996374  
Conc: 116.07 ng/ml



#10 Pentachlorophenol

R.T.: 9.561 min  
Delta R.T.: -0.002 min  
Response: 3193236048  
Conc: 116.84 ng/ml



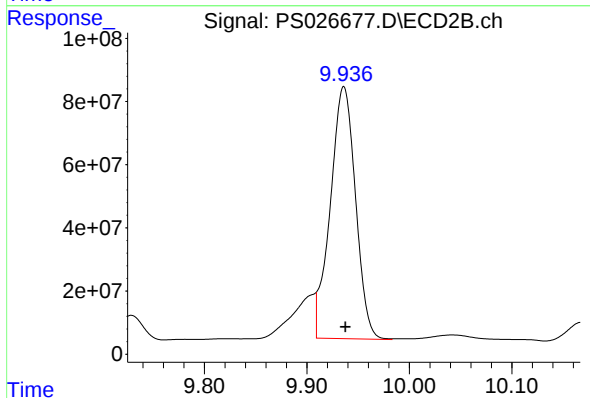
#11 2,4,5-TP (SILVEX)

R.T.: 9.276 min  
Delta R.T.: -0.004 min  
Response: 1991834257  
Conc: 119.67 ng/ml

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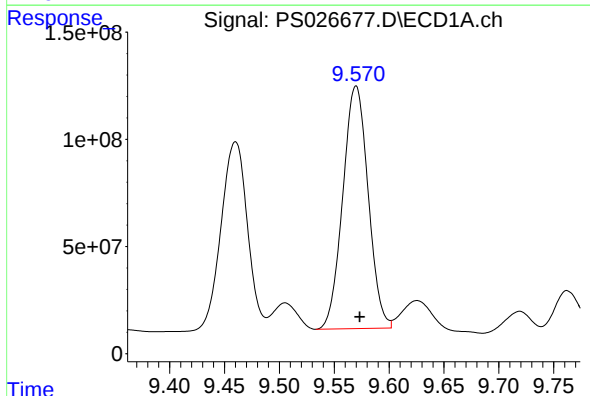
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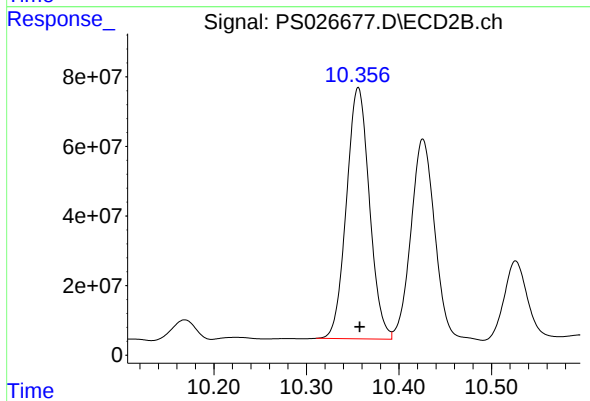
#11 2,4,5-TP (SILVEX)

R.T.: 9.936 min  
Delta R.T.: -0.002 min  
Response: 1360736926  
Conc: 123.31 ng/ml m



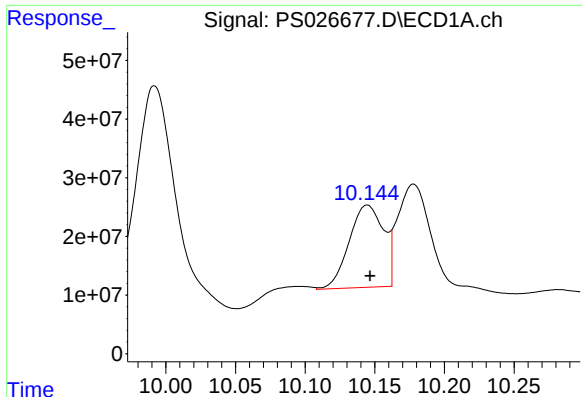
#12 2,4,5-T

R.T.: 9.570 min  
Delta R.T.: -0.003 min  
Response: 1822303373  
Conc: 106.92 ng/ml



#12 2,4,5-T

R.T.: 10.356 min  
Delta R.T.: -0.002 min  
Response: 1246983865  
Conc: 115.12 ng/ml



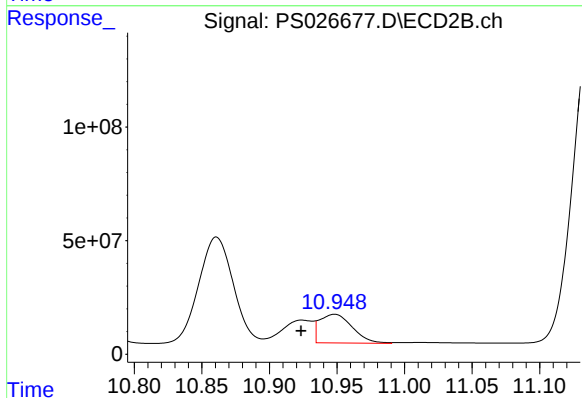
#13 2,4-DB

R.T.: 10.144 min  
Delta R.T.: -0.003 min  
Response: 243825676  
Conc: 102.84 ng/ml

Instrument :  
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LOD-MDL-SOIL-01-QT2-2024

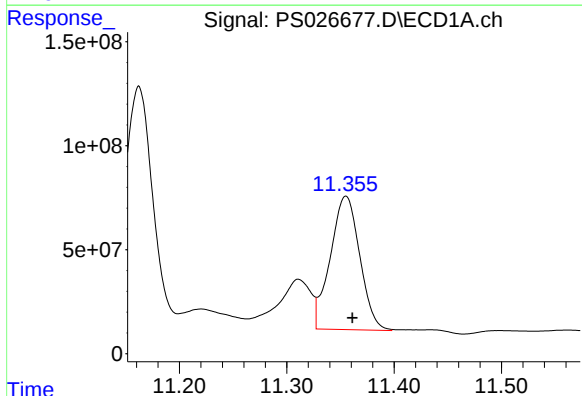
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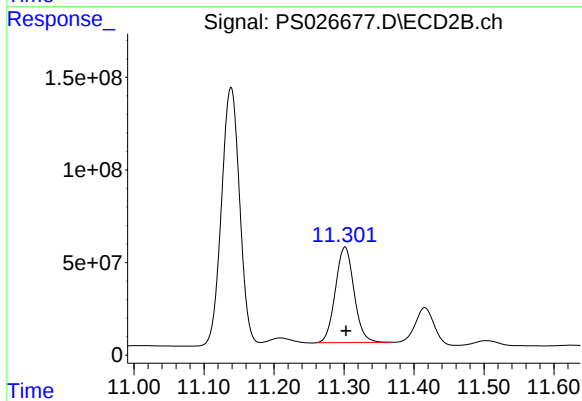
#13 2,4-DB

R.T.: 10.948 min  
Delta R.T.: 0.025 min  
Response: 210927265  
Conc: 155.17 ng/ml m



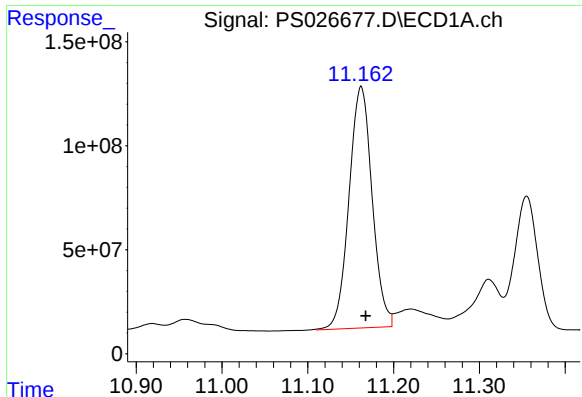
#14 DINOSEB

R.T.: 11.355 min  
Delta R.T.: -0.006 min  
Response: 1221468823  
Conc: 118.96 ng/ml m



#14 DINOSEB

R.T.: 11.301 min  
Delta R.T.: -0.002 min  
Response: 955846606  
Conc: 139.15 ng/ml



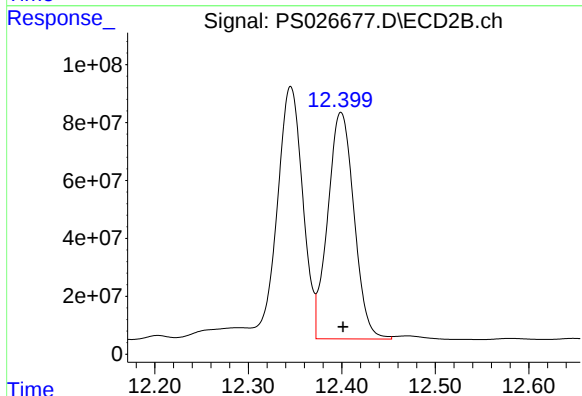
#15 Picloram

R.T.: 11.162 min  
Delta R.T.: -0.006 min  
Response: 2176246436  
Conc: 97.43 ng/ml

Instrument :  
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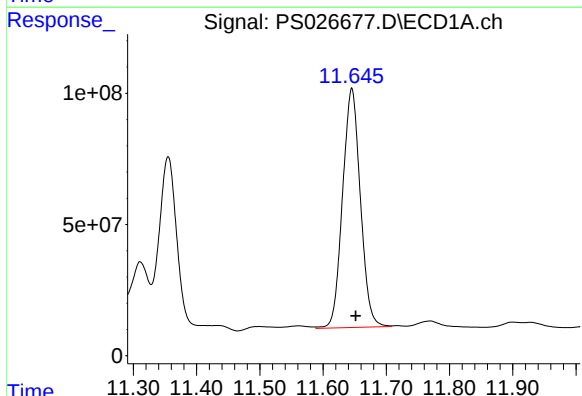
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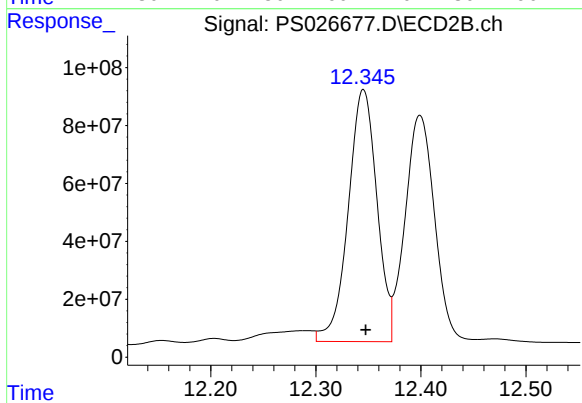
#15 Picloram

R.T.: 12.399 min  
Delta R.T.: -0.002 min  
Response: 1526238009  
Conc: 95.24 ng/ml



#16 DCPA

R.T.: 11.645 min  
Delta R.T.: -0.006 min  
Response: 1782533632  
Conc: 94.68 ng/ml



#16 DCPA

R.T.: 12.345 min  
Delta R.T.: -0.002 min  
Response: 1653000026  
Conc: 125.02 ng/ml