

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS120624\  
 Data File : PS028722.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Dec 2024 17:21  
 Operator : AR\AJ  
 Sample : P5117-02MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TAPIAL2-IDW-SOIL-120424-00-T2MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 12/09/2024  
 Supervised By : Ankita Jodhani 12/09/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 06 22:57:31 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS112624.M  
 Quant Title : 8080.M  
 QLast Update : Tue Nov 26 14:44:30 2024  
 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     | 7.225  | 7.720  | 969.1E6   | 355.5E6  | 361.273  | 263.882 # |
| Target Compounds            |              |        |        |           |          |          |           |
| 1) T                        | Dalapon      | 2.631  | 2.688  | 1118.1E6  | 859.0E6  | 385.303m | 393.347m  |
| 2) T                        | 3,5-DICHL... | 6.398  | 6.678  | 1596.0E6  | 717.8E6  | 416.759  | 365.452   |
| 3) T                        | 4-Nitroph... | 7.025  | 7.250  | 19290955  | 8616140  | 11.222   | 9.446m    |
| 5) T                        | DICAMBA      | 7.411  | 7.919  | 5042.2E6  | 2608.1E6 | 439.192  | 423.656   |
| 6) T                        | MCPD         | 7.592  | 8.021  | 230.7E6   | 166.1E6  | 31.619   | 38.567    |
| 7) T                        | MCPA         | 7.741  | 8.265  | 423.8E6   | 315.5E6  | 40.987   | 50.833    |
| 8) T                        | DICHLORPROP  | 8.118  | 8.634  | 1359.8E6  | 652.1E6  | 436.810  | 407.901   |
| 9) T                        | 2,4-D        | 8.348  | 8.963  | 1782.5E6  | 822.3E6  | 528.589  | 486.266   |
| 10) T                       | Pentachlo... | 8.646  | 9.490  | 13789.9E6 | 6599.3E6 | 312.749  | 288.295   |
| 11) T                       | 2,4,5-TP ... | 9.224  | 9.870  | 8997.2E6  | 8103.7E6 | 492.193  | 849.219 # |
| 12) T                       | 2,4,5-T      | 9.516  | 10.286 | 9184.7E6  | 4374.0E6 | 489.704  | 469.804   |
| 13) T                       | 2,4-DB       | 10.091 | 10.852 | 1135.3E6  | 439.4E6  | 320.546  | 383.188   |
| 14) T                       | DINOSEB      | 11.299 | 11.231 | 3248.5E6  | 1219.6E6 | 216.191  | 194.324   |
| 15) T                       | Picloram     | 11.107 | 12.322 | 12596.4E6 | 5258.8E6 | 423.598  | 407.957   |
| 16) T                       | DCPA         | 11.591 | 12.273 | 11997.3E6 | 5511.1E6 | 436.342  | 496.622   |
| -----                       |              |        |        |           |          |          |           |

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

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Acq On : 06 Dec 2024 17:21  
Operator : AR\AJ  
Sample : P5117-02MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

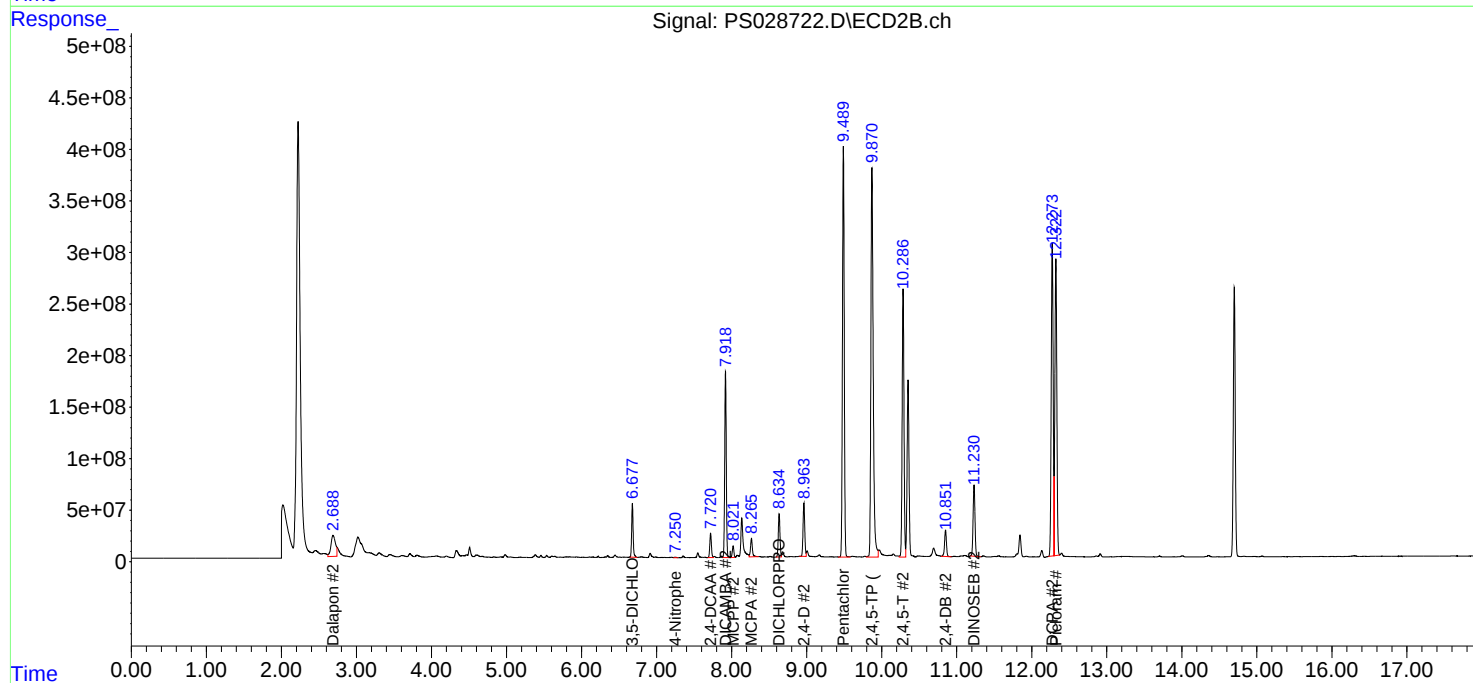
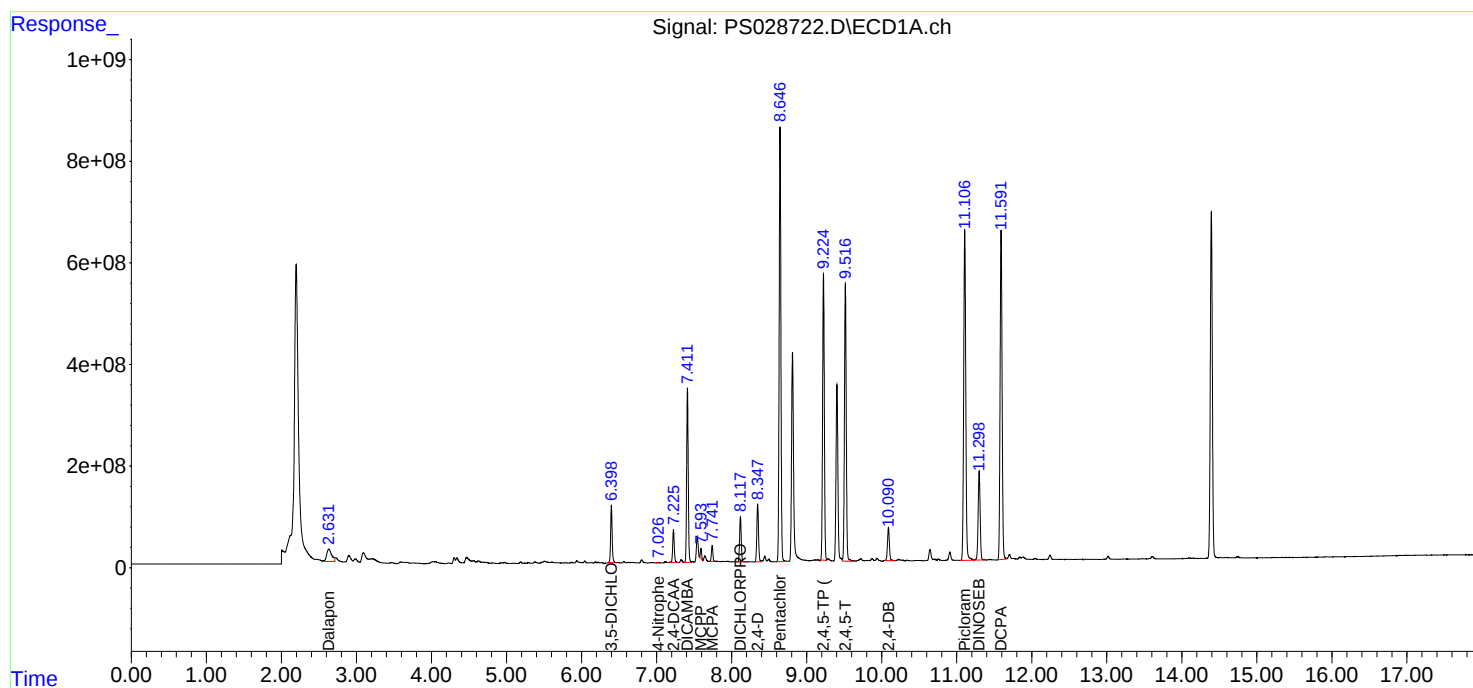
Instrument :  
ECD\_S  
ClientSampleId :  
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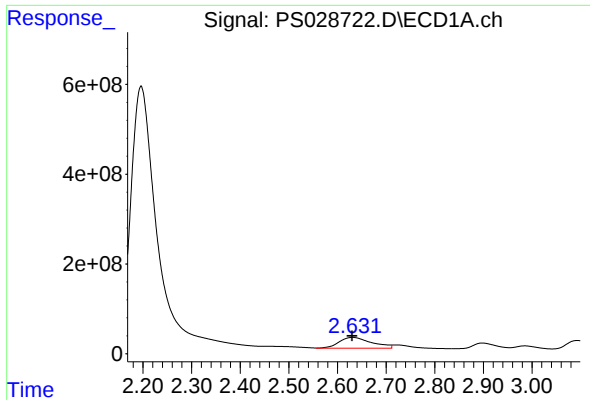
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 06 22:57:31 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS112624.M  
Quant Title : 8080.M  
QLast Update : Tue Nov 26 14:44:30 2024  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





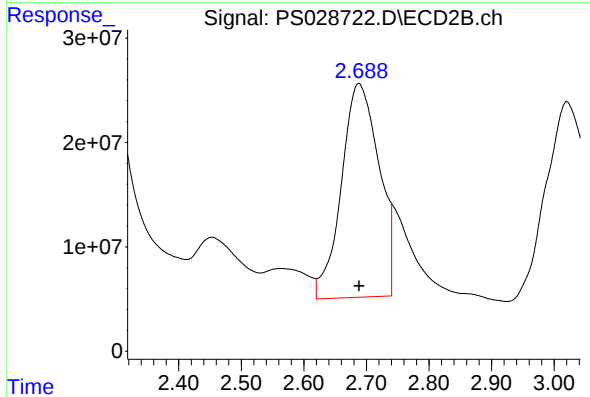
#1 Dalapon

R.T.: 2.631 min  
Delta R.T.: 0.000 min  
Response: 1118091170  
Conc: 385.30 ng/ml

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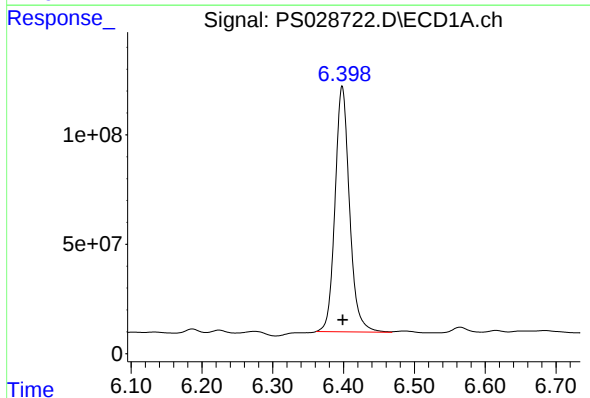
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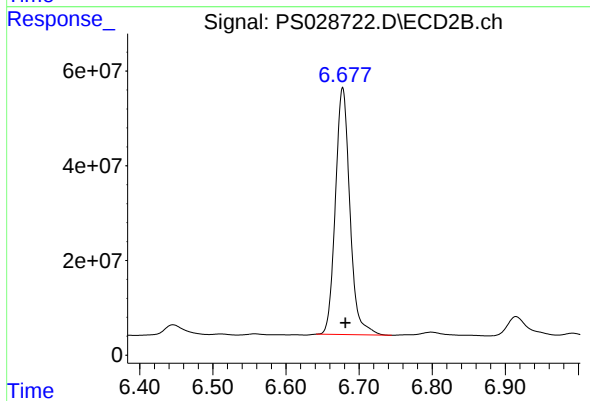
#1 Dalapon

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 858995798  
Conc: 393.35 ng/ml m



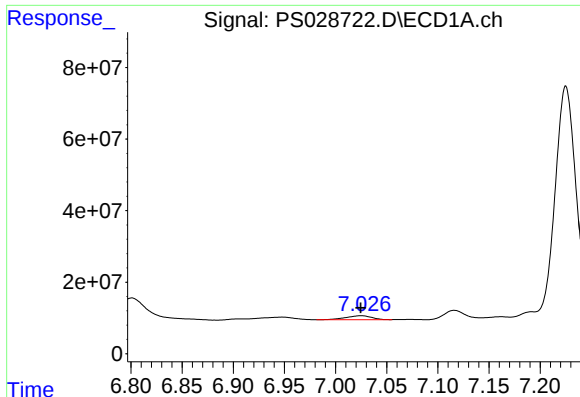
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.398 min  
Delta R.T.: 0.000 min  
Response: 1596042265  
Conc: 416.76 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.678 min  
Delta R.T.: -0.004 min  
Response: 717781779  
Conc: 365.45 ng/ml



#3 4-Nitrophenol

R.T.: 7.025 min  
Delta R.T.: 0.000 min  
Response: 19290955  
Conc: 11.22 ng/ml

Instrument :

ECD\_S

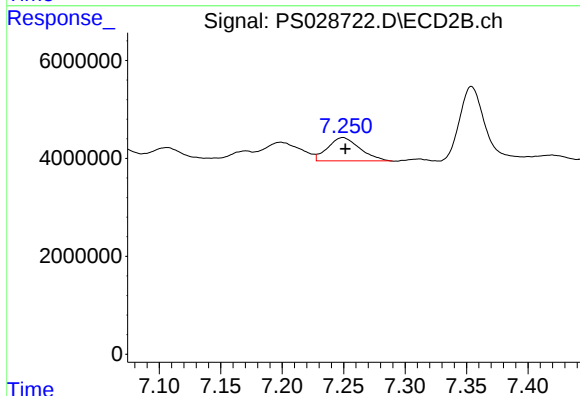
ClientSampleId :

TAPIAL2-IDW-SOIL-120424-00-T2MSD

Manual Integrations

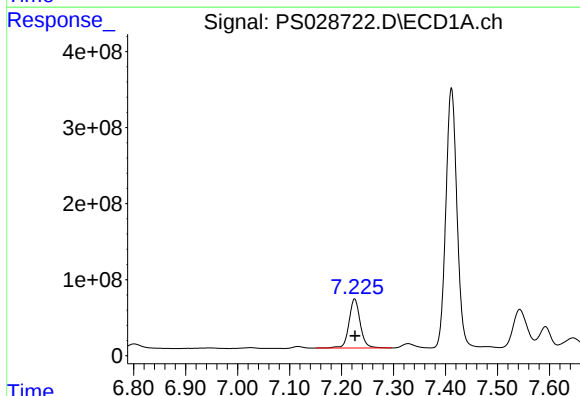
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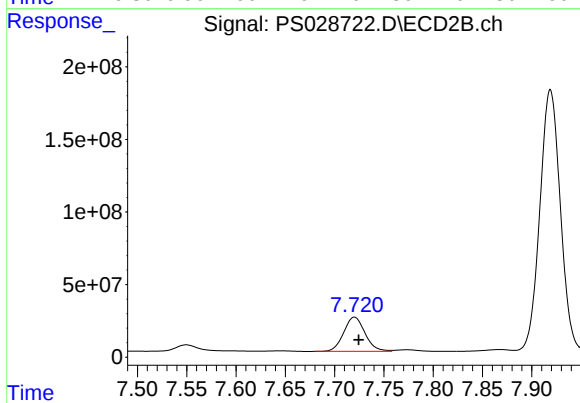
#3 4-Nitrophenol

R.T.: 7.250 min  
Delta R.T.: -0.002 min  
Response: 8616140  
Conc: 9.45 ng/ml m



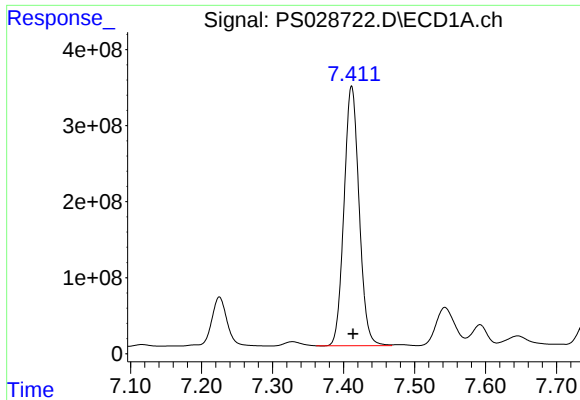
#4 2,4-DCAA

R.T.: 7.225 min  
Delta R.T.: 0.000 min  
Response: 969058244  
Conc: 361.27 ng/ml



#4 2,4-DCAA

R.T.: 7.720 min  
Delta R.T.: -0.004 min  
Response: 355457065  
Conc: 263.88 ng/ml



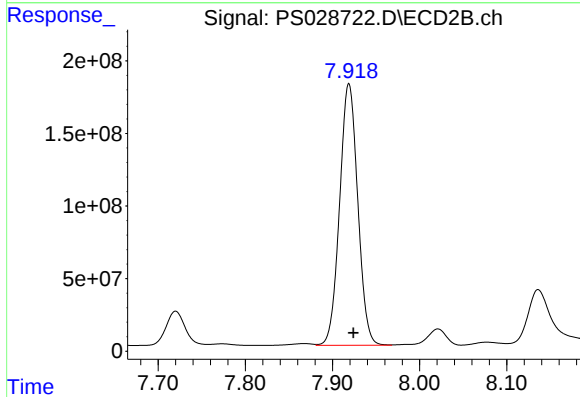
#5 DICAMBA

R.T.: 7.411 min  
Delta R.T.: -0.002 min  
Response: 5042162335  
Conc: 439.19 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MSD

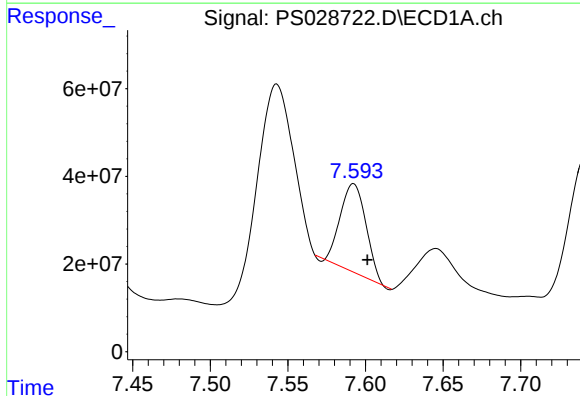
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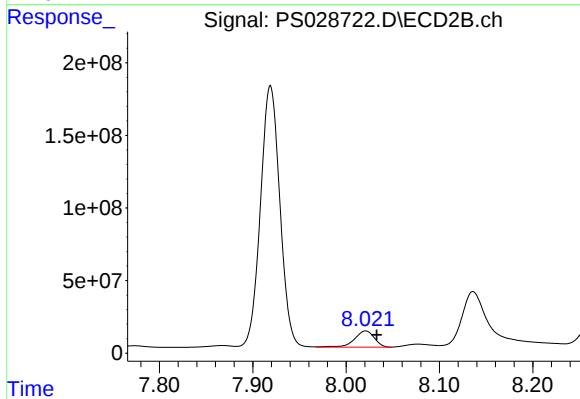
#5 DICAMBA

R.T.: 7.919 min  
Delta R.T.: -0.005 min  
Response: 2608114704  
Conc: 423.66 ng/ml



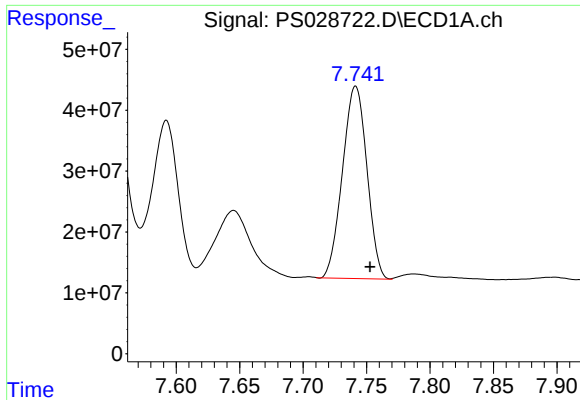
#6 MCP

R.T.: 7.592 min  
Delta R.T.: -0.009 min  
Response: 230741633  
Conc: 31.62 ug/ml



#6 MCP

R.T.: 8.021 min  
Delta R.T.: -0.012 min  
Response: 166128471  
Conc: 38.57 ug/ml



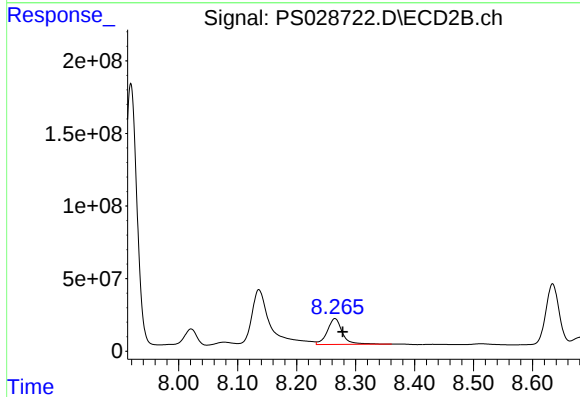
#7 MCPA

R.T.: 7.741 min  
Delta R.T.: -0.011 min  
Response: 423761288  
Conc: 40.99 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MSD

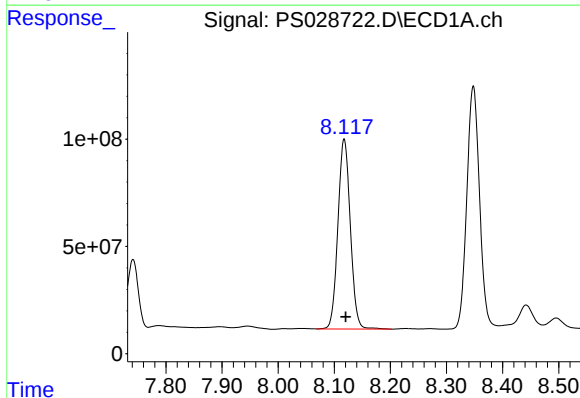
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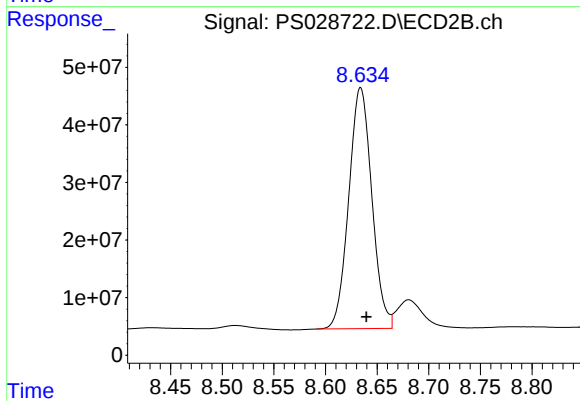
#7 MCPA

R.T.: 8.265 min  
Delta R.T.: -0.013 min  
Response: 315473506  
Conc: 50.83 ug/ml



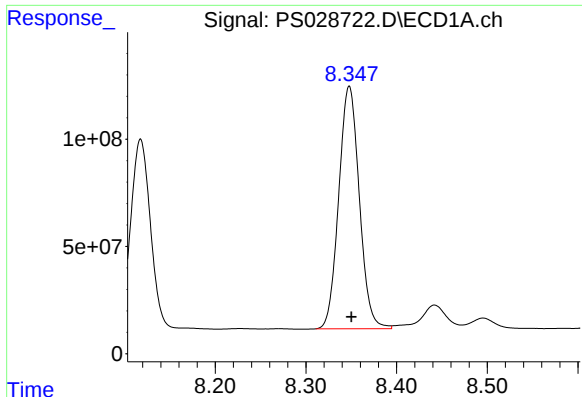
#8 DICHLORPROP

R.T.: 8.118 min  
Delta R.T.: -0.003 min  
Response: 1359836294  
Conc: 436.81 ng/ml



#8 DICHLORPROP

R.T.: 8.634 min  
Delta R.T.: -0.006 min  
Response: 652078609  
Conc: 407.90 ng/ml



#9 2,4-D

R.T.: 8.348 min  
Delta R.T.: -0.002 min  
Response: 1782479998  
Conc: 528.59 ng/ml

Instrument :

ECD\_S

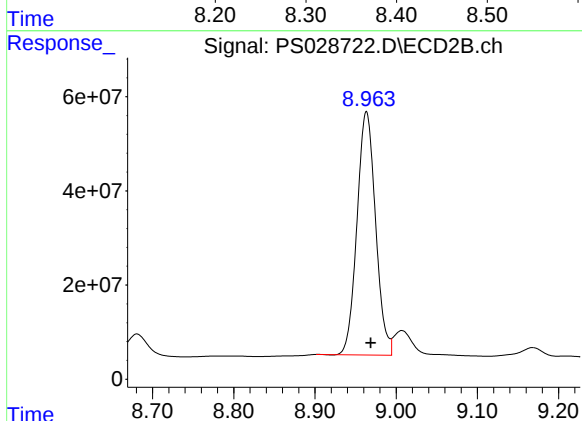
ClientSampleId :

TAPIAL2-IDW-SOIL-120424-00-T2MSD

Manual Integrations

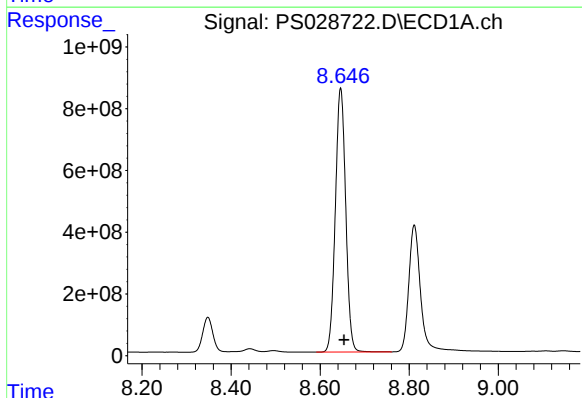
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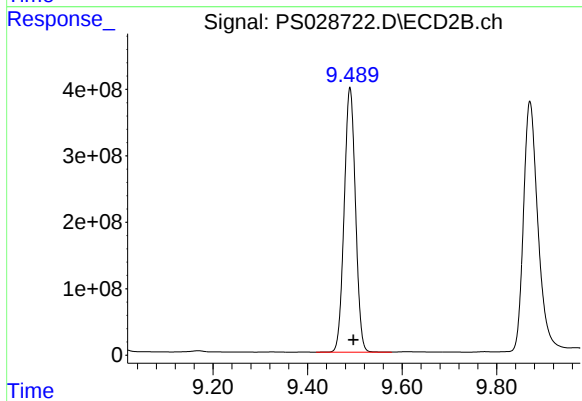
#9 2,4-D

R.T.: 8.963 min  
Delta R.T.: -0.005 min  
Response: 822260751  
Conc: 486.27 ng/ml



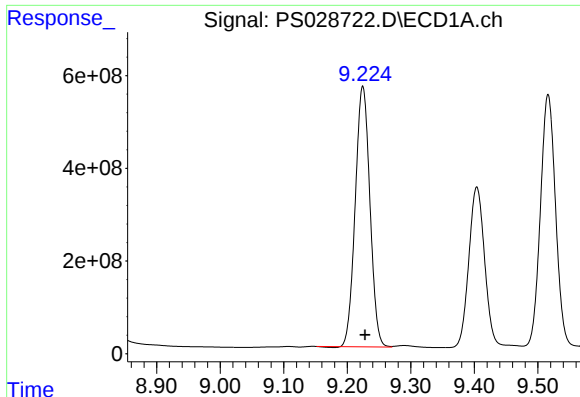
#10 Pentachlorophenol

R.T.: 8.646 min  
Delta R.T.: -0.008 min  
Response: 13789923060  
Conc: 312.75 ng/ml



#10 Pentachlorophenol

R.T.: 9.490 min  
Delta R.T.: -0.008 min  
Response: 6599326819  
Conc: 288.30 ng/ml



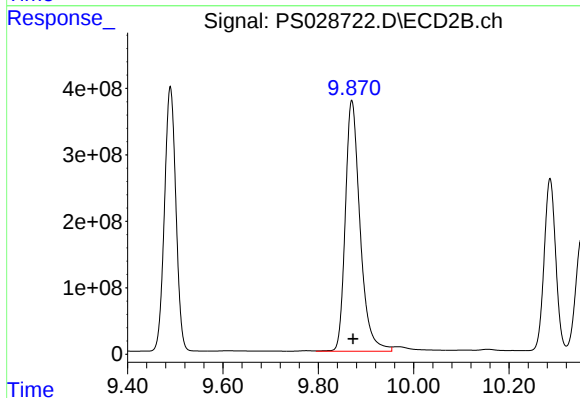
#11 2,4,5-TP (SILVEX)

R.T.: 9.224 min  
Delta R.T.: -0.003 min  
Response: 8997181233  
Conc: 492.19 ng/ml

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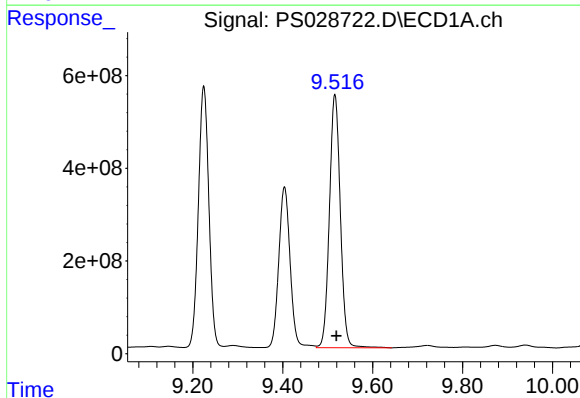
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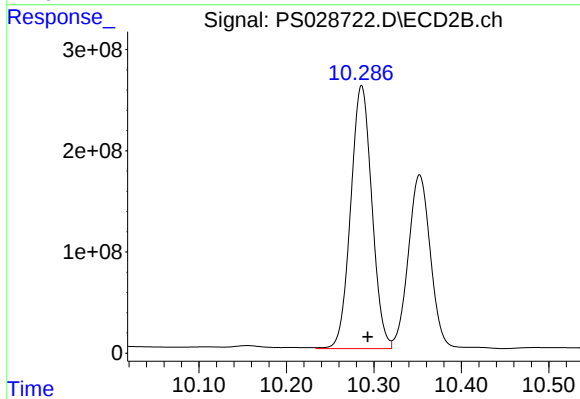
#11 2,4,5-TP (SILVEX)

R.T.: 9.870 min  
Delta R.T.: -0.003 min  
Response: 8103691835  
Conc: 849.22 ng/ml



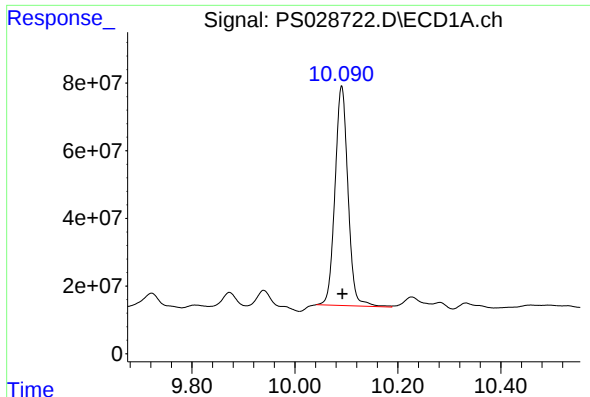
#12 2,4,5-T

R.T.: 9.516 min  
Delta R.T.: -0.003 min  
Response: 9184651076  
Conc: 489.70 ng/ml



#12 2,4,5-T

R.T.: 10.286 min  
Delta R.T.: -0.007 min  
Response: 4374010780  
Conc: 469.80 ng/ml



#13 2,4-DB

R.T.: 10.091 min  
Delta R.T.: -0.001 min  
Response: 1135281417  
Conc: 320.55 ng/ml

Instrument :

ECD\_S

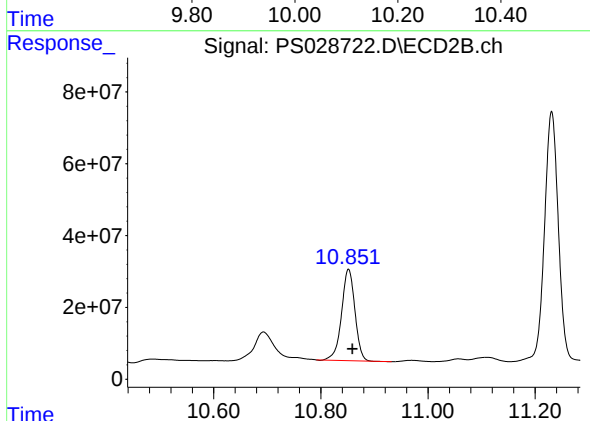
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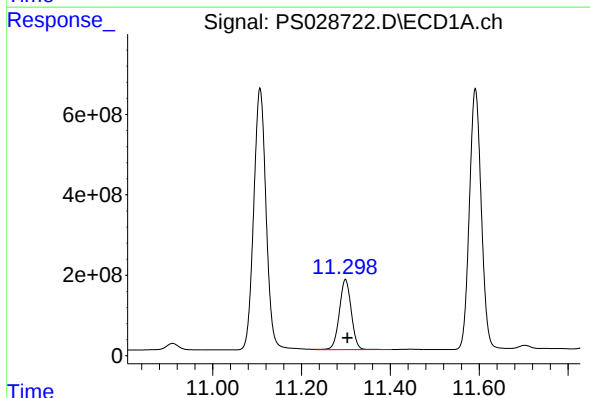
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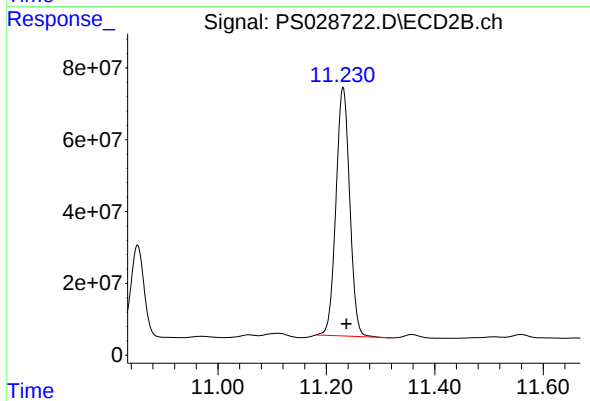
#13 2,4-DB

R.T.: 10.852 min  
Delta R.T.: -0.007 min  
Response: 439410083  
Conc: 383.19 ng/ml



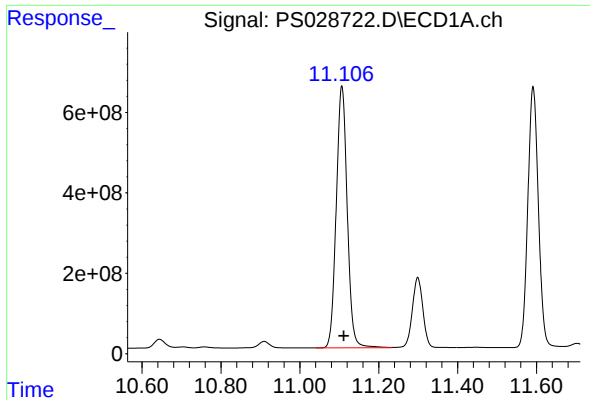
#14 DINOSEB

R.T.: 11.299 min  
Delta R.T.: -0.004 min  
Response: 3248530968  
Conc: 216.19 ng/ml



#14 DINOSEB

R.T.: 11.231 min  
Delta R.T.: -0.006 min  
Response: 1219584511  
Conc: 194.32 ng/ml



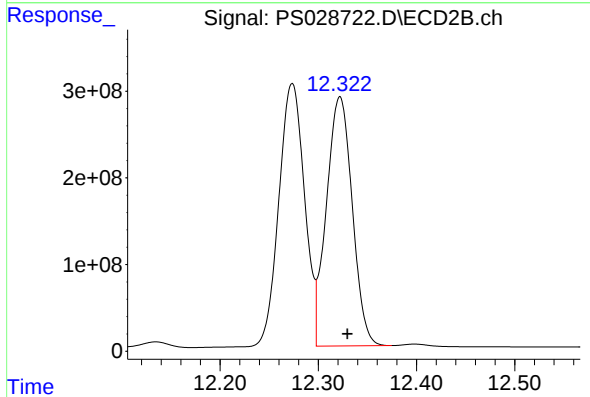
#15 Picloram

R.T.: 11.107 min  
Delta R.T.: -0.005 min  
Response: 12596447980  
Conc: 423.60 ng/ml

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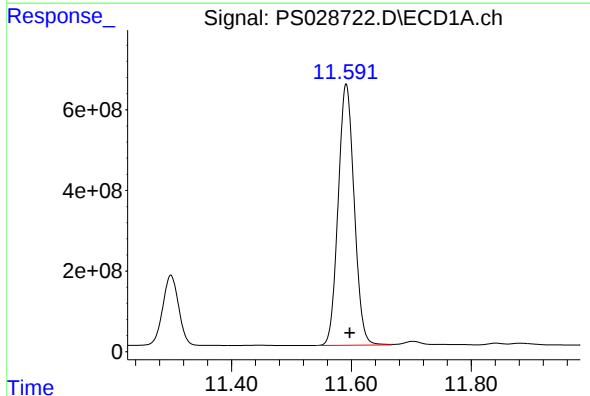
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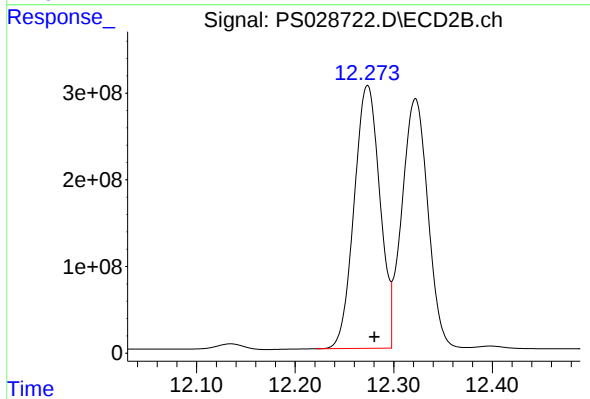
#15 Picloram

R.T.: 12.322 min  
Delta R.T.: -0.008 min  
Response: 5258849640  
Conc: 407.96 ng/ml



#16 DCPA

R.T.: 11.591 min  
Delta R.T.: -0.006 min  
Response: 11997293396  
Conc: 436.34 ng/ml



#16 DCPA

R.T.: 12.273 min  
Delta R.T.: -0.007 min  
Response: 5511125810  
Conc: 496.62 ng/ml