

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS032024\  
 Data File : PS026210.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Mar 2024 13:36  
 Operator : AR\AJ  
 Sample : SOIL-IDOC-2  
 Misc : FOR EVELYN  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 SOIL-IDOC-2

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 03/21/2024  
 Supervised By :Ankita Jodhani 03/21/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 20 15:40:09 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS031924.M  
 Quant Title : 8080.M  
 QLast Update : Tue Mar 19 15:58:33 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     | 7.194  | 7.708  | 1639.5E6  | 468.5E6  | 510.623m | 497.911 |
| Target Compounds            |              |        |        |           |          |          |         |
| 1) T                        | Dalapon      | 2.641  | 2.679  | 2206.1E6  | 803.0E6  | 426.615  | 422.446 |
| 2) T                        | 3,5-DICHL... | 6.373  | 6.672  | 2155.7E6  | 612.7E6  | 461.127  | 425.228 |
| 3) T                        | 4-Nitroph... | 6.992  | 7.238  | 845.8E6   | 210.9E6  | 484.977  | 445.534 |
| 5) T                        | DICAMBA      | 7.380  | 7.905  | 5829.7E6  | 1846.7E6 | 430.164  | 425.332 |
| 6) T                        | MCPD         | 7.562  | 8.009  | 414.5E6   | 134.6E6  | 42.672   | 42.147  |
| 7) T                        | MCPA         | 7.711  | 8.248  | 562.7E6   | 205.8E6  | 41.463   | 47.408  |
| 8) T                        | DICHLORPROP  | 8.086  | 8.615  | 1555.4E6  | 469.5E6  | 442.912  | 433.480 |
| 9) T                        | 2,4-D        | 8.316  | 8.940  | 1843.6E6  | 529.4E6  | 516.292  | 514.106 |
| 10) T                       | Pentachlo... | 8.612  | 9.461  | 23361.6E6 | 7324.0E6 | 492.758  | 459.155 |
| 11) T                       | 2,4,5-TP ... | 9.190  | 9.837  | 9558.5E6  | 2945.6E6 | 502.070  | 485.633 |
| 12) T                       | 2,4,5-T      | 9.482  | 10.252 | 9573.3E6  | 2350.7E6 | 514.653  | 437.053 |
| 13) T                       | 2,4-DB       | 10.055 | 10.816 | 1322.6E6  | 314.0E6  | 528.650m | 521.456 |
| 14) T                       | DINOSEB      | 11.259 | 11.192 | 5803.4E6  | 1851.4E6 | 444.747  | 482.048 |
| 15) T                       | Picloram     | 11.068 | 12.272 | 8809.3E6  | 2161.6E6 | 386.394  | 354.831 |
| 16) T                       | DCPA         | 11.553 | 12.229 | 9047.5E6  | 3026.8E6 | 375.345  | 432.312 |
| -----                       |              |        |        |           |          |          |         |

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

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Misc : FOR EVELYN  
ALS Vial : 8 Sample Multiplier: 1

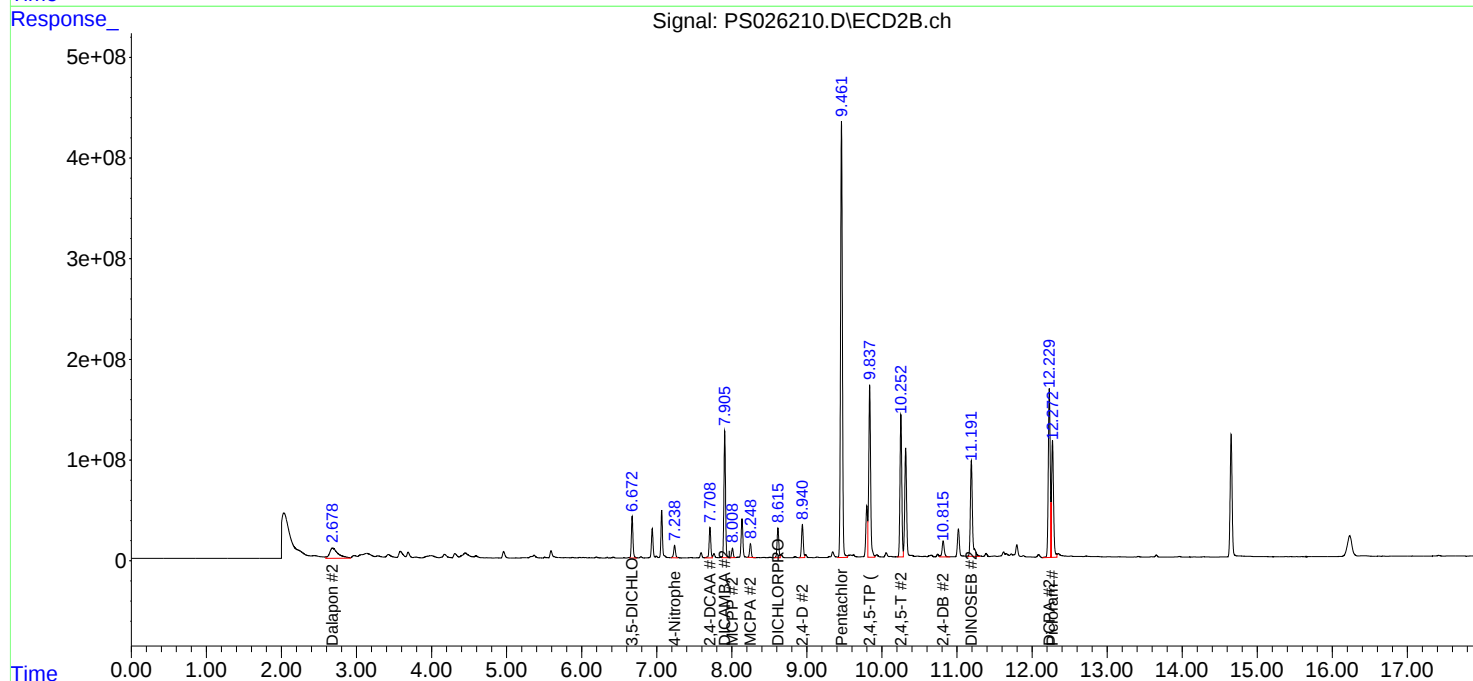
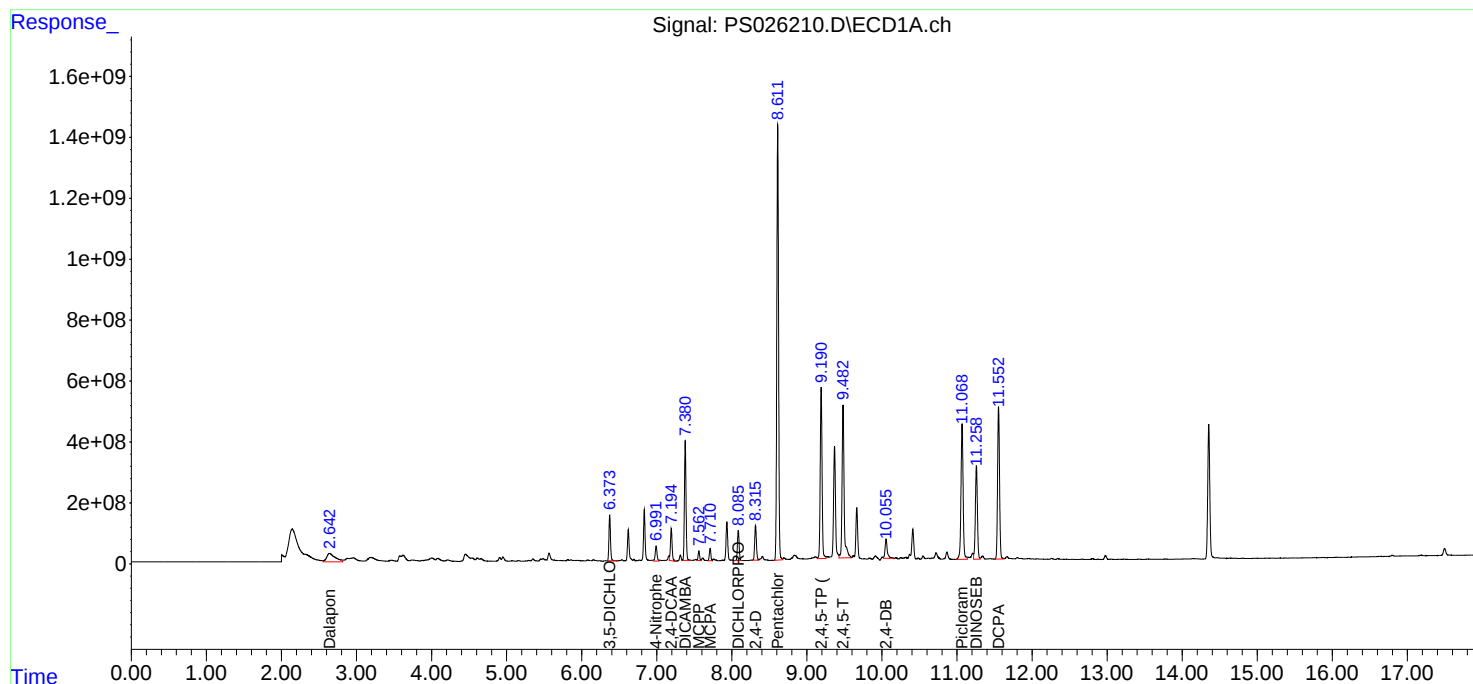
Instrument :  
ECD\_S  
ClientSampleId :  
SOIL-IDOC-2

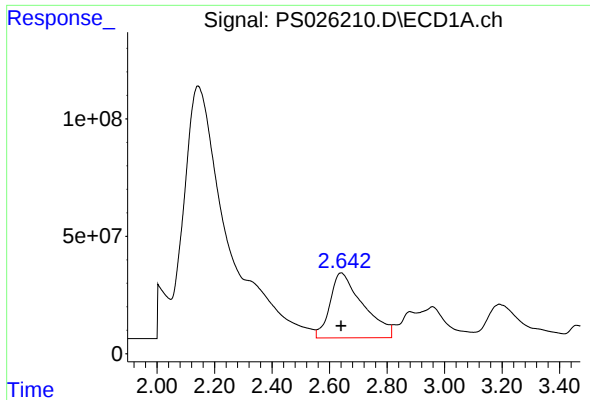
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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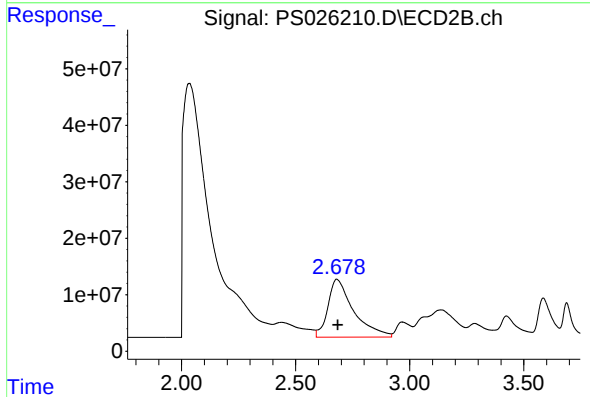
#1 Dalapon

R.T.: 2.641 min  
Delta R.T.: 0.001 min  
Response: 2206106578  
Conc: 426.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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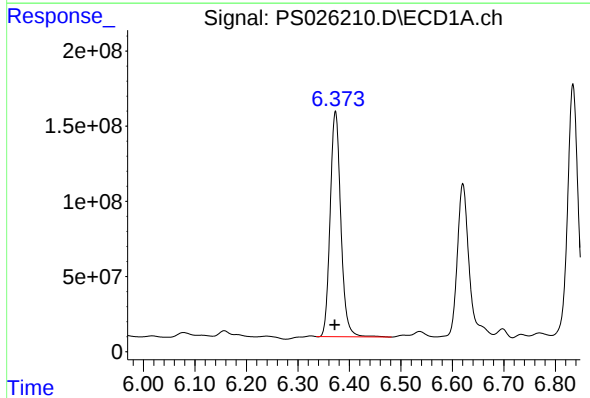
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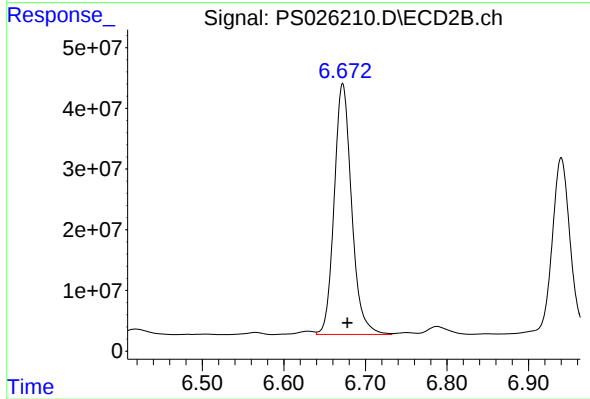
#1 Dalapon

R.T.: 2.679 min  
Delta R.T.: -0.006 min  
Response: 802972552  
Conc: 422.45 ng/ml



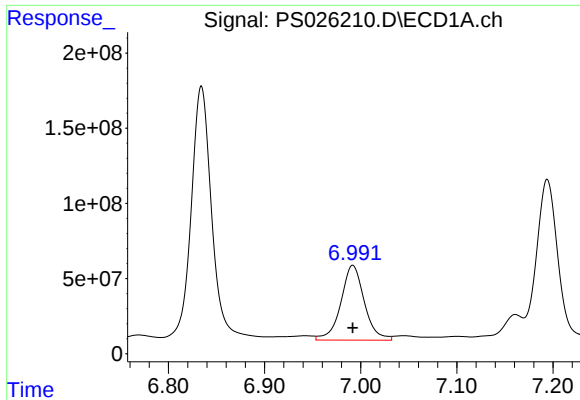
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.373 min  
Delta R.T.: 0.001 min  
Response: 2155667507  
Conc: 461.13 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.672 min  
Delta R.T.: -0.006 min  
Response: 612674281  
Conc: 425.23 ng/ml



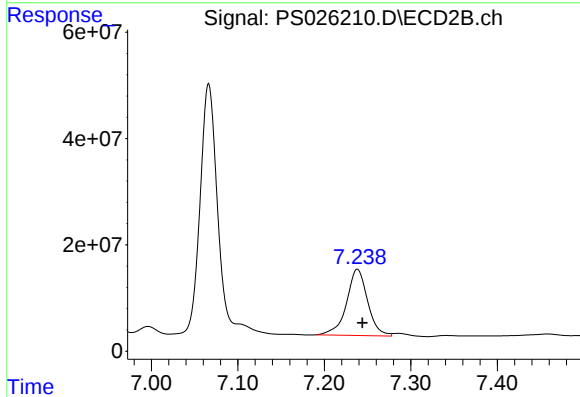
#3 4-Nitrophenol

R.T.: 6.992 min  
Delta R.T.: 0.000 min  
Response: 845846185  
Conc: 484.98 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SOIL-IDOC-2

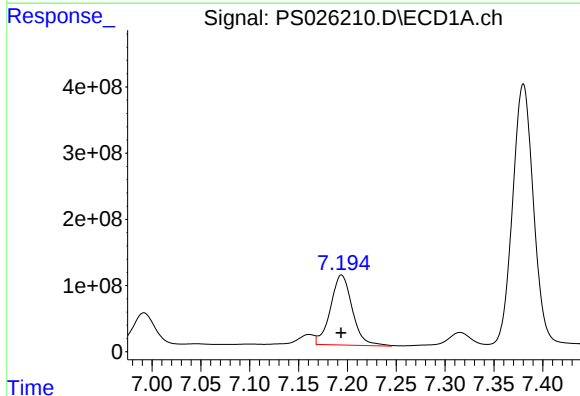
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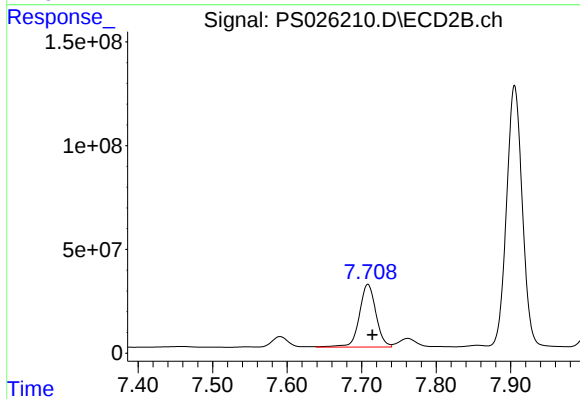
#3 4-Nitrophenol

R.T.: 7.238 min  
Delta R.T.: -0.006 min  
Response: 210860163  
Conc: 445.53 ng/ml



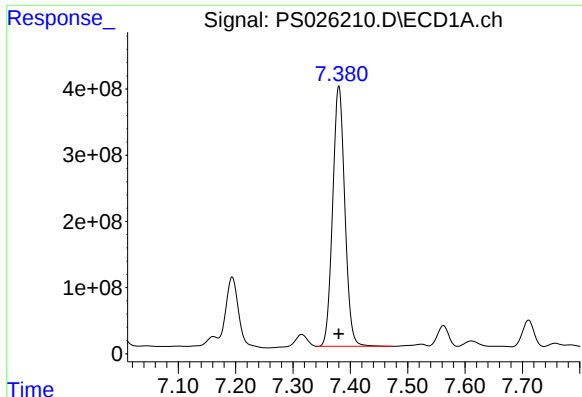
#4 2,4-DCAA

R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 1639483688  
Conc: 510.62 ng/ml m



#4 2,4-DCAA

R.T.: 7.708 min  
Delta R.T.: -0.006 min  
Response: 468514610  
Conc: 497.91 ng/ml



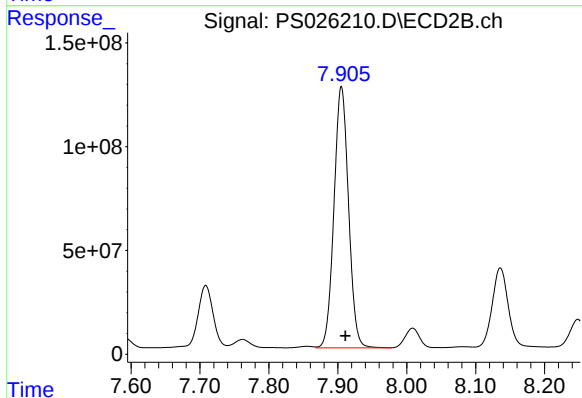
#5 DICAMBA

R.T.: 7.380 min  
Delta R.T.: 0.000 min  
Response: 5829749386  
Conc: 430.16 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SOIL-IDOC-2

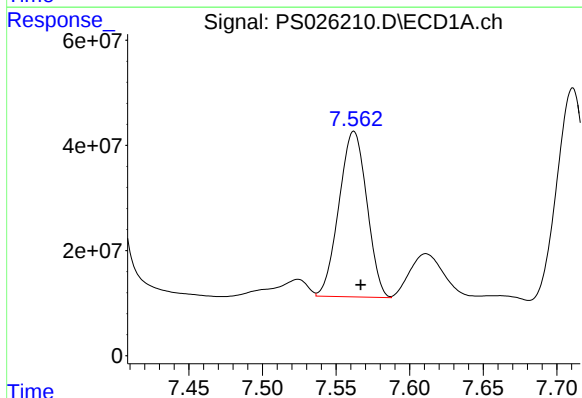
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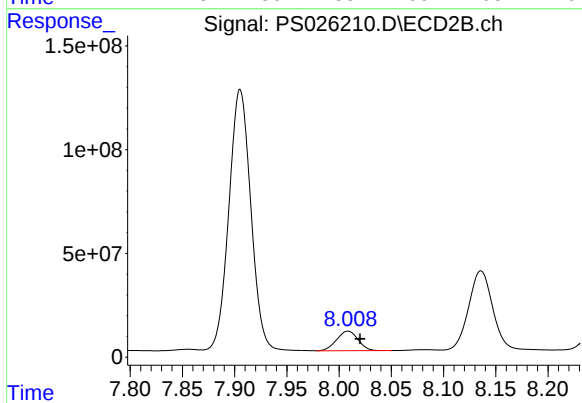
#5 DICAMBA

R.T.: 7.905 min  
Delta R.T.: -0.006 min  
Response: 1846737592  
Conc: 425.33 ng/ml



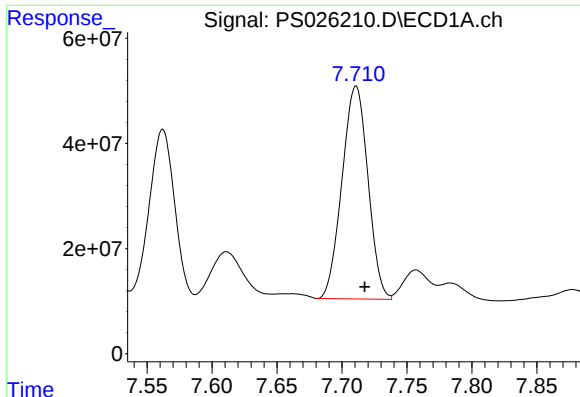
#6 MCPP

R.T.: 7.562 min  
Delta R.T.: -0.005 min  
Response: 414541717  
Conc: 42.67 ug/ml



#6 MCPP

R.T.: 8.009 min  
Delta R.T.: -0.012 min  
Response: 134606384  
Conc: 42.15 ug/ml



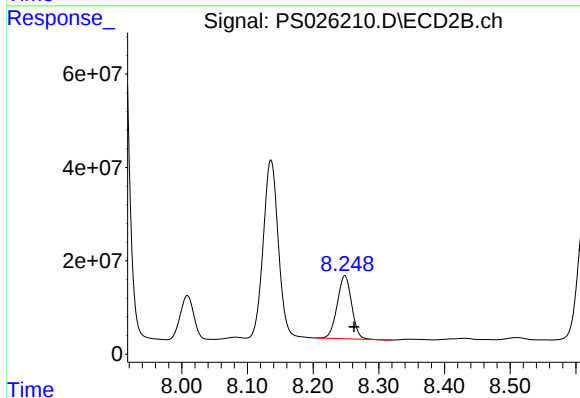
#7 MCPA

R.T.: 7.711 min  
Delta R.T.: -0.007 min  
Response: 562687787  
Conc: 41.46 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SOIL-IDOC-2

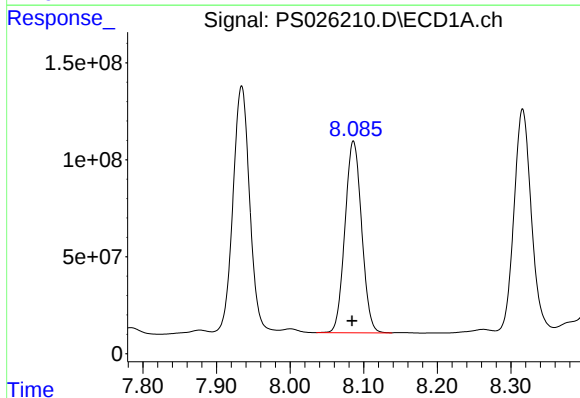
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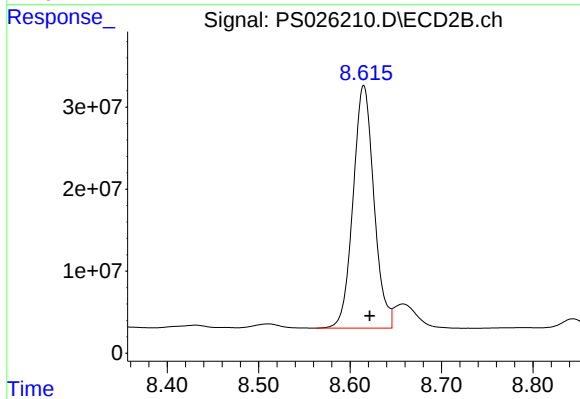
#7 MCPA

R.T.: 8.248 min  
Delta R.T.: -0.014 min  
Response: 205797421  
Conc: 47.41 ug/ml



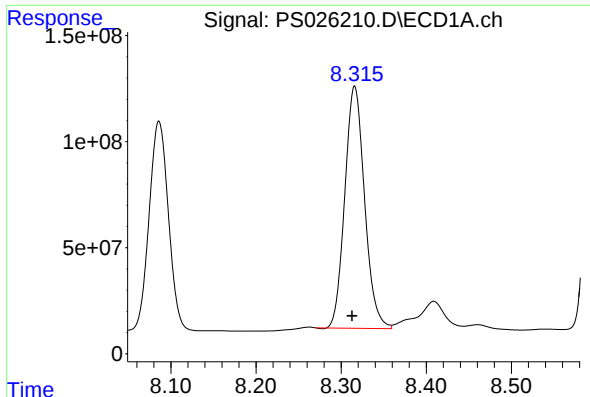
#8 DICHLORPROP

R.T.: 8.086 min  
Delta R.T.: 0.002 min  
Response: 1555370878  
Conc: 442.91 ng/ml



#8 DICHLORPROP

R.T.: 8.615 min  
Delta R.T.: -0.006 min  
Response: 469462634  
Conc: 433.48 ng/ml



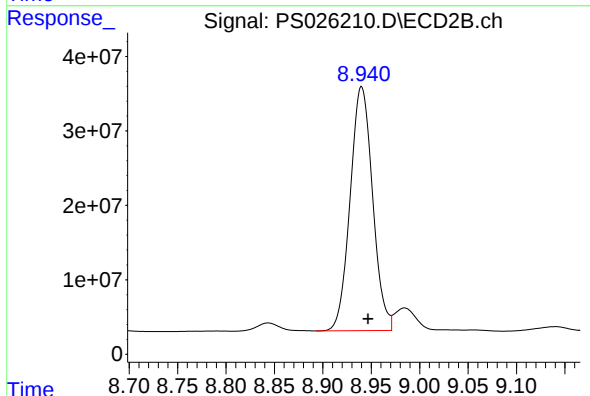
#9 2,4-D

R.T.: 8.316 min  
Delta R.T.: 0.003 min  
Response: 1843561576  
Conc: 516.29 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
SOIL-IDOC-2

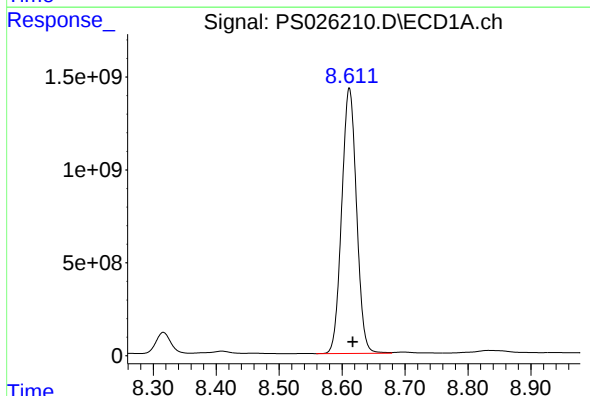
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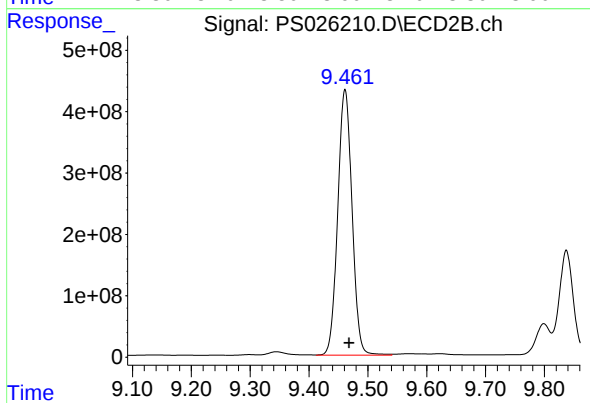
#9 2,4-D

R.T.: 8.940 min  
Delta R.T.: -0.007 min  
Response: 529377547  
Conc: 514.11 ng/ml



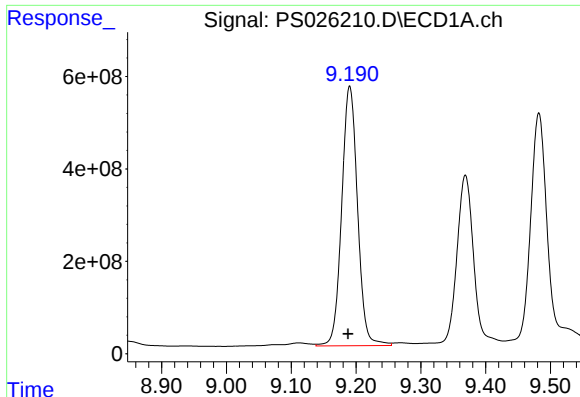
#10 Pentachlorophenol

R.T.: 8.612 min  
Delta R.T.: -0.005 min  
Response: 23361596664  
Conc: 492.76 ng/ml



#10 Pentachlorophenol

R.T.: 9.461 min  
Delta R.T.: -0.007 min  
Response: 7323957047  
Conc: 459.15 ng/ml



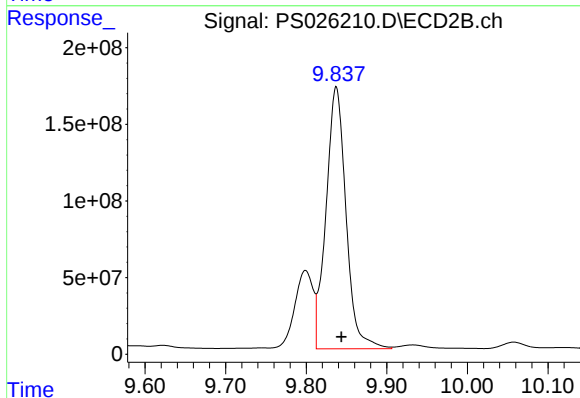
#11 2,4,5-TP (SILVEX)

R.T.: 9.190 min  
Delta R.T.: 0.003 min  
Response: 9558509880  
Conc: 502.07 ng/ml

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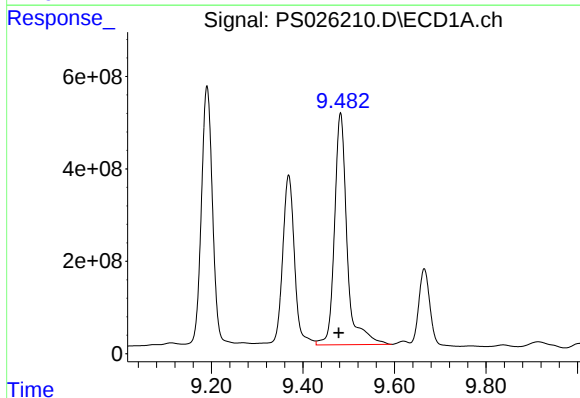
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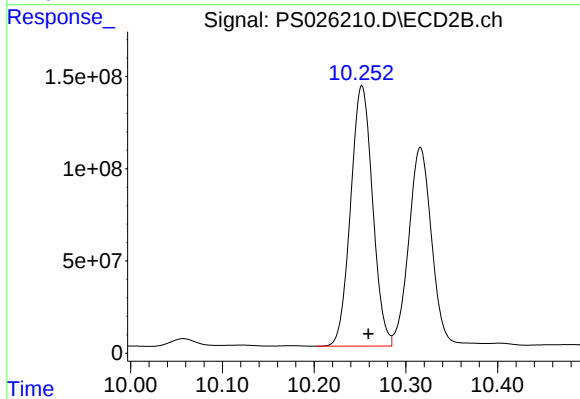
#11 2,4,5-TP (SILVEX)

R.T.: 9.837 min  
Delta R.T.: -0.007 min  
Response: 2945644282  
Conc: 485.63 ng/ml



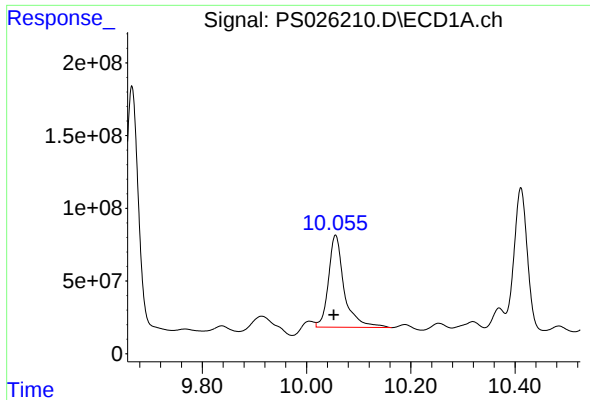
#12 2,4,5-T

R.T.: 9.482 min  
Delta R.T.: 0.004 min  
Response: 9573255279  
Conc: 514.65 ng/ml



#12 2,4,5-T

R.T.: 10.252 min  
Delta R.T.: -0.007 min  
Response: 2350659587  
Conc: 437.05 ng/ml



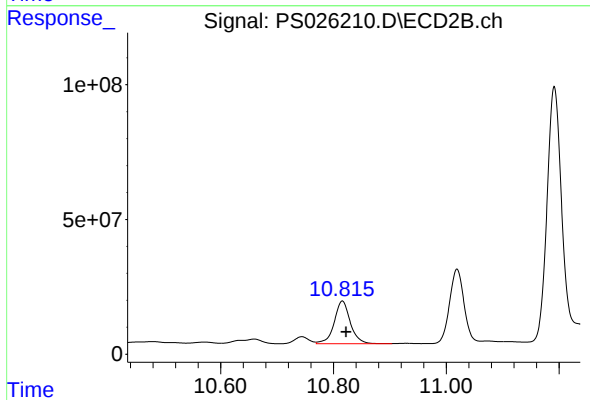
#13 2,4-DB

R.T.: 10.055 min  
Delta R.T.: 0.003 min  
Response: 1322591161  
Conc: 528.65 ng/ml

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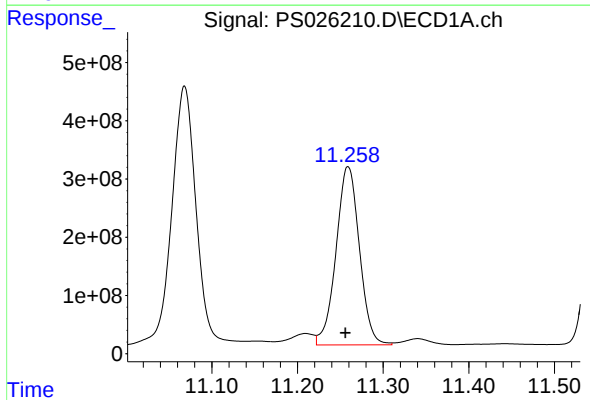
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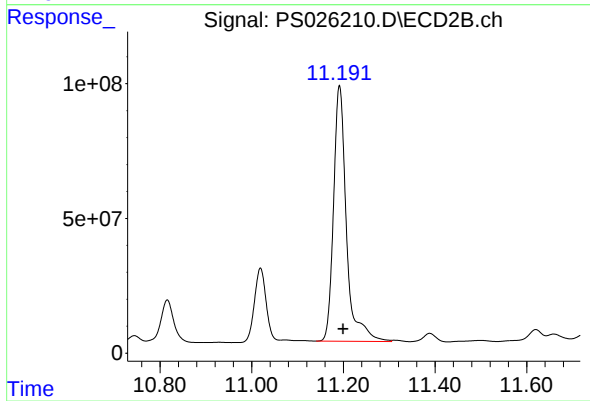
#13 2,4-DB

R.T.: 10.816 min  
Delta R.T.: -0.007 min  
Response: 313997053  
Conc: 521.46 ng/ml



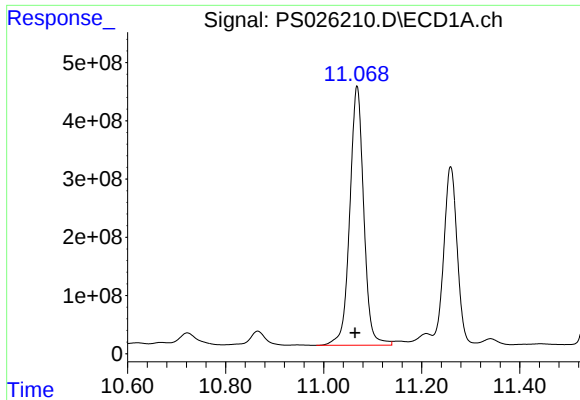
#14 DINOSEB

R.T.: 11.259 min  
Delta R.T.: 0.003 min  
Response: 5803403214  
Conc: 444.75 ng/ml



#14 DINOSEB

R.T.: 11.192 min  
Delta R.T.: -0.008 min  
Response: 1851381516  
Conc: 482.05 ng/ml



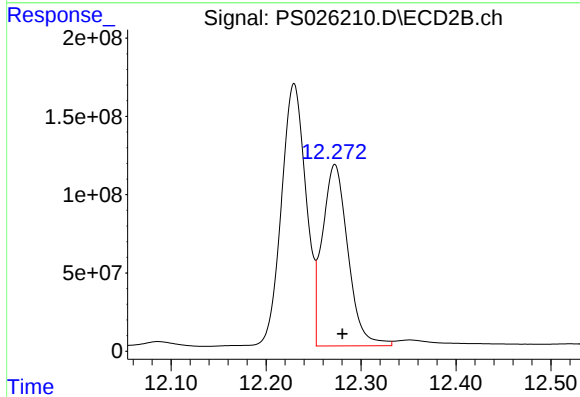
#15 Picloram

R.T.: 11.068 min  
Delta R.T.: 0.004 min  
Response: 8809300561  
Conc: 386.39 ng/ml

Instrument :  
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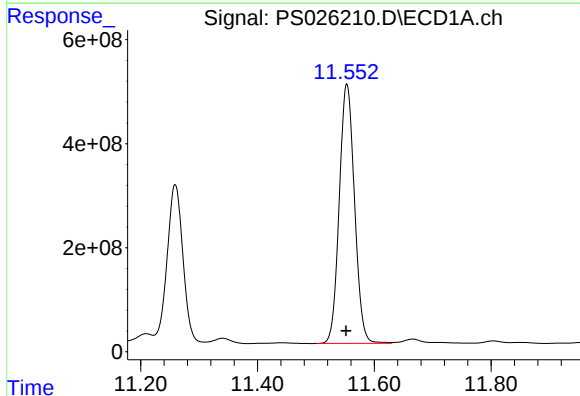
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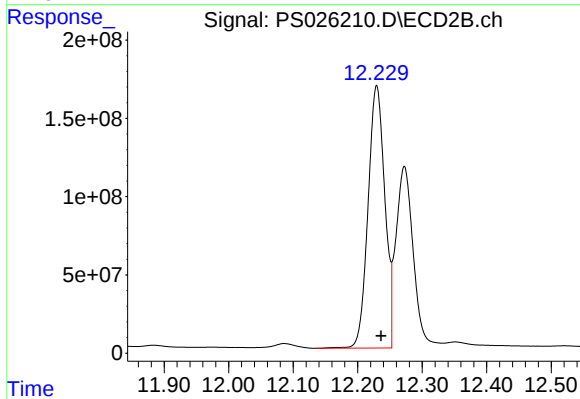
#15 Picloram

R.T.: 12.272 min  
Delta R.T.: -0.008 min  
Response: 2161622843  
Conc: 354.83 ng/ml



#16 DCPA

R.T.: 11.553 min  
Delta R.T.: 0.002 min  
Response: 9047515191  
Conc: 375.35 ng/ml



#16 DCPA

R.T.: 12.229 min  
Delta R.T.: -0.007 min  
Response: 3026753646  
Conc: 432.31 ng/ml