

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP052319\  
 Data File : PP030255.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 23 May 2019 12:25  
 Operator : SM\MA  
 Sample : K2241-03  
 Misc : MDL 100 PPB  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 24 01:10:04 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP052219.M  
 Quant Title : 8080.M  
 QLast Update : Thu May 23 06:31:56 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-CLPesticides-1 Signal #2 Phase: ZB-CLPesticides-2  
 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     | 12.816 | 12.903 | 392.2E6  | 290.0E6  | 337.001 | 294.726 |
| Target Compounds            |              |        |        |          |          |         |         |
| 1) T                        | Dalapon      | 3.400  | 3.122  | 92465046 | 71650502 | 95.529  | 96.187  |
| 2) T                        | 3,5-DICHL... | 11.175 | 10.959 | 200.2E6  | 127.3E6  | 100.876 | 95.591  |
| 3) T                        | 4-Nitroph... | 12.423 | 12.062 | 97241388 | 44607824 | 93.846  | 85.833  |
| 5) T                        | DICAMBA      | 13.155 | 13.224 | 520.8E6  | 375.8E6  | 97.952  | 93.532  |
| 6) T                        | MCPD         | 13.479 | 13.400 | 25294204 | 16620990 | 8.249   | 7.309m  |
| 7) T                        | MCPA         | 13.739 | 13.802 | 34108885 | 26426135 | 8.186   | 7.850   |
| 8) T                        | DICHLORPROP  | 14.371 | 14.358 | 125.5E6  | 94417726 | 103.593 | 97.006  |
| 9) T                        | 2,4-D        | 14.743 | 14.861 | 110.9E6  | 83317196 | 93.913  | 85.653  |
| 10) T                       | Pentachlo... | 15.196 | 15.525 | 1968.9E6 | 1464.5E6 | 106.066 | 107.631 |
| 11) T                       | 2,4,5-TP ... | 16.045 | 16.069 | 644.1E6  | 501.9E6  | 97.416  | 95.152  |
| 12) T                       | 2,4,5-T      | 16.457 | 16.745 | 425.9E6  | 454.0E6  | 83.377  | 93.209  |
| 13) T                       | 2,4-DB       | 17.229 | 17.339 | 78095432 | 63336206 | 96.402  | 92.808  |
| 14) T                       | DINOSEB      | 18.796 | 17.778 | 142.7E6  | 92545615 | 65.731  | 59.296  |
| 15) T                       | Picloram     | 18.575 | 19.190 | 387.0E6  | 277.8E6  | 63.990  | 57.145  |
| 16) T                       | DCPA         | 19.152 | 19.054 | 708.3E6  | 585.4E6  | 92.748  | 97.128m |
| -----                       |              |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP052319\  
 Data File : PP030255.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 23 May 2019 12:25  
 Operator : SM\MA  
 Sample : K2241-03  
 Misc : MDL 100 PPB  
 ALS Vial : 5 Sample Multiplier: 1

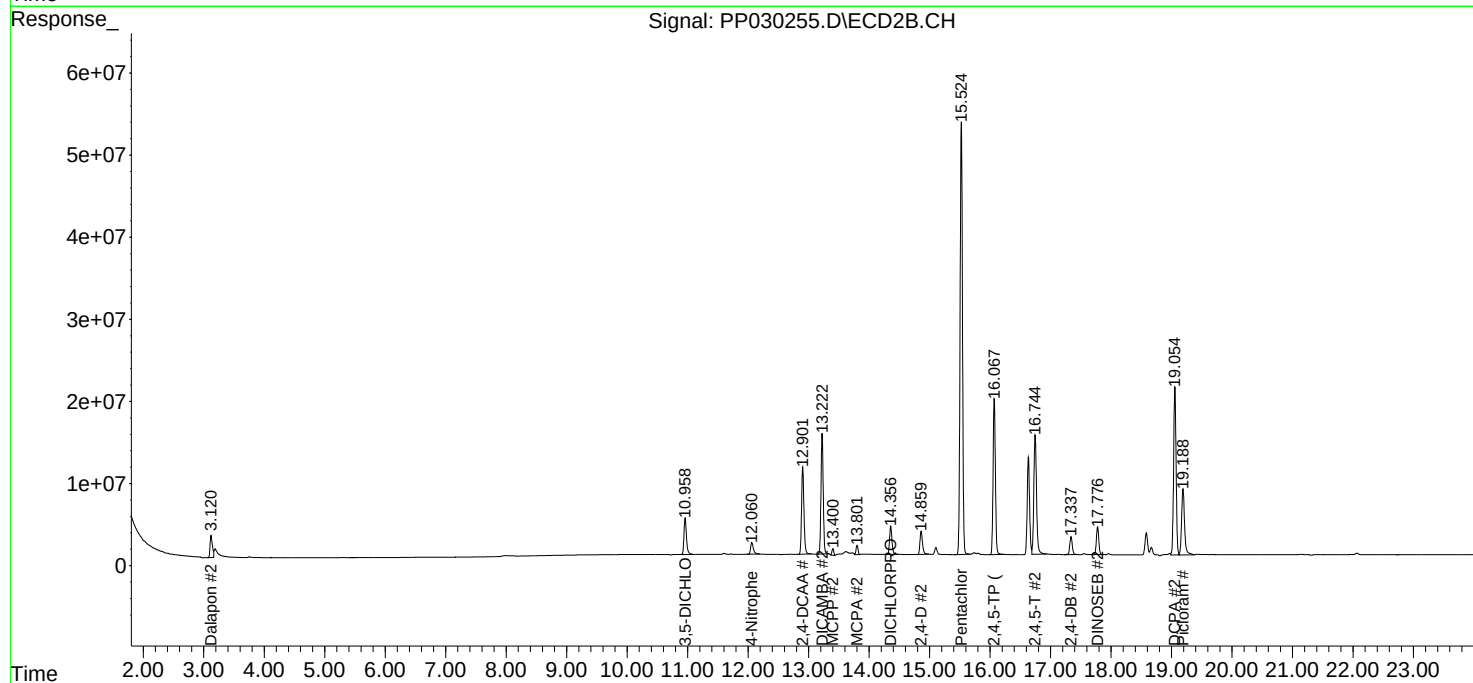
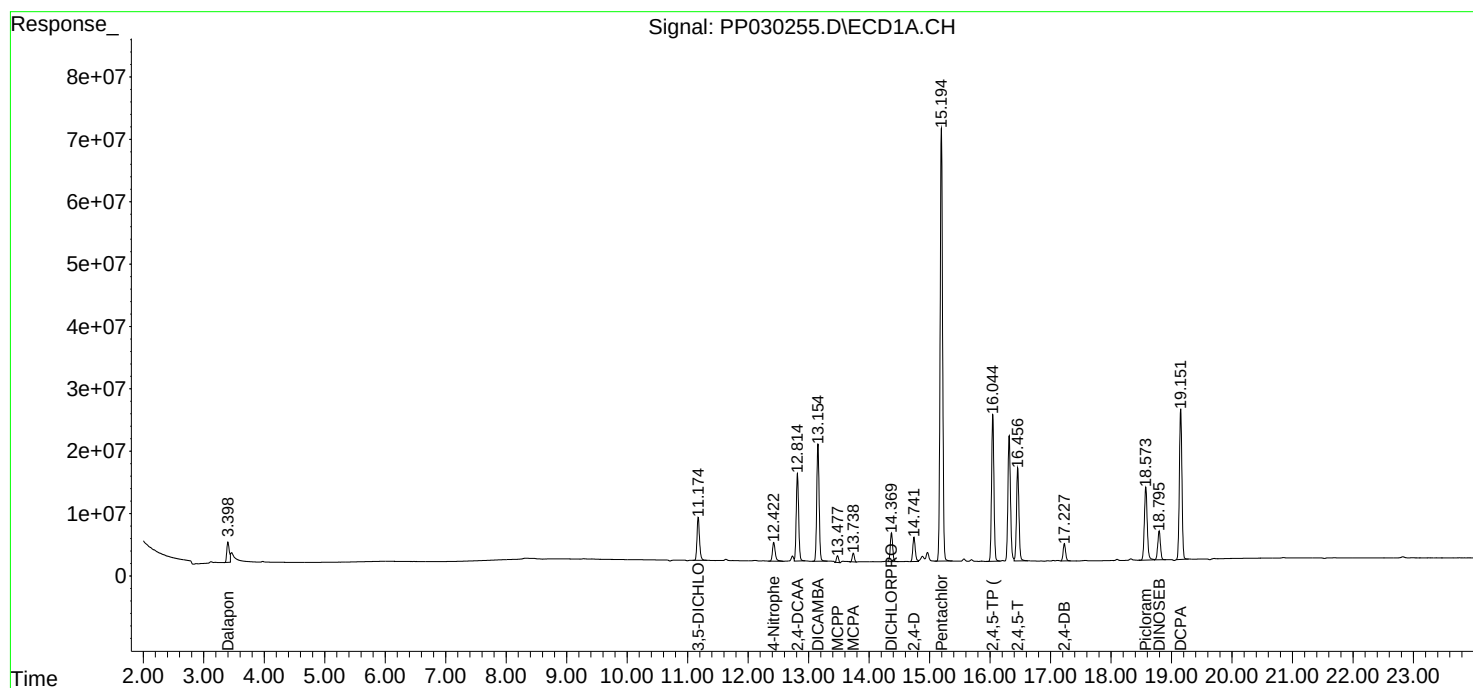
Instrument :  
 ECD\_P  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT2-2019

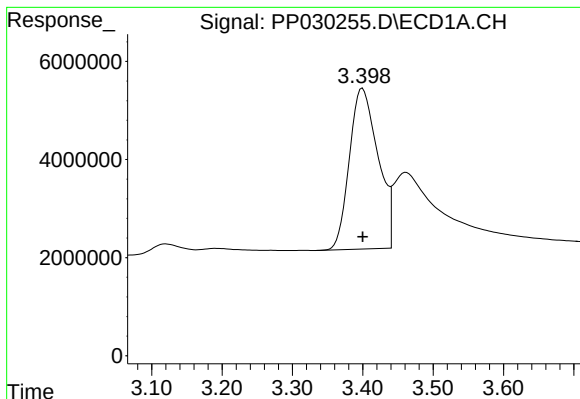
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 24 01:10:04 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP052219.M  
 Quant Title : 8080.M  
 QLast Update : Thu May 23 06:31:56 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
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 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





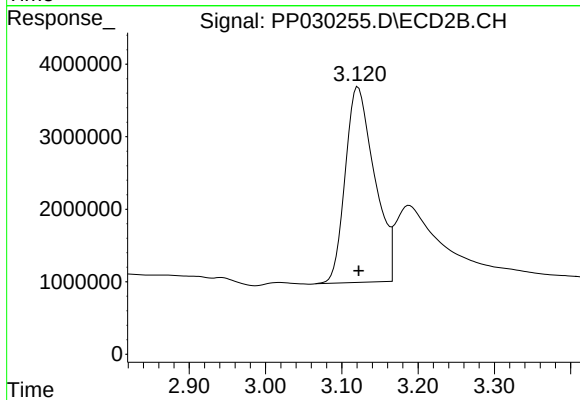
#1 Dalapon

R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 92465046  
Conc: 95.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

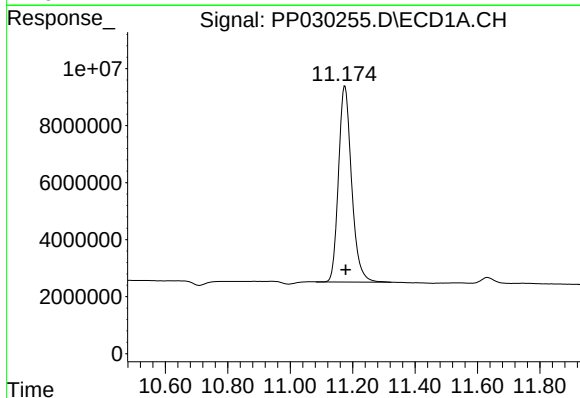
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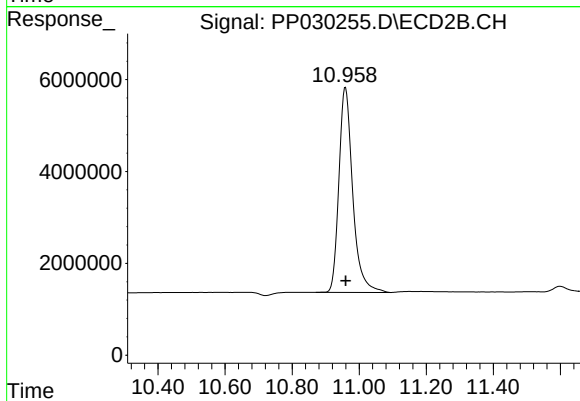
#1 Dalapon

R.T.: 3.122 min  
Delta R.T.: 0.000 min  
Response: 71650502  
Conc: 96.19 ng/ml



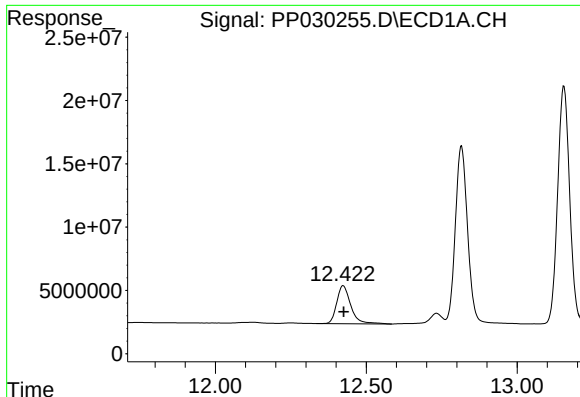
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 11.175 min  
Delta R.T.: -0.003 min  
Response: 200200156  
Conc: 100.88 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.959 min  
Delta R.T.: 0.000 min  
Response: 127340975  
Conc: 95.59 ng/ml



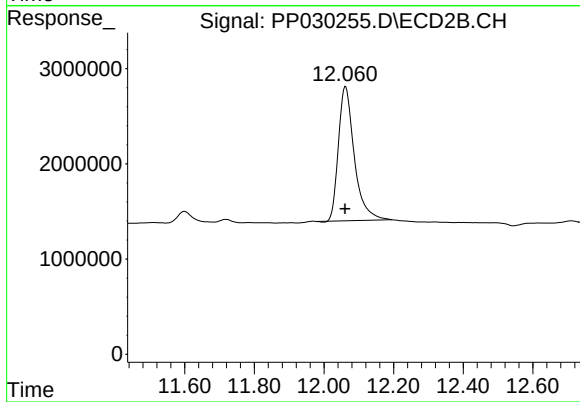
#3 4-Nitrophenol

R.T.: 12.423 min  
Delta R.T.: -0.002 min  
Response: 97241388  
Conc: 93.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

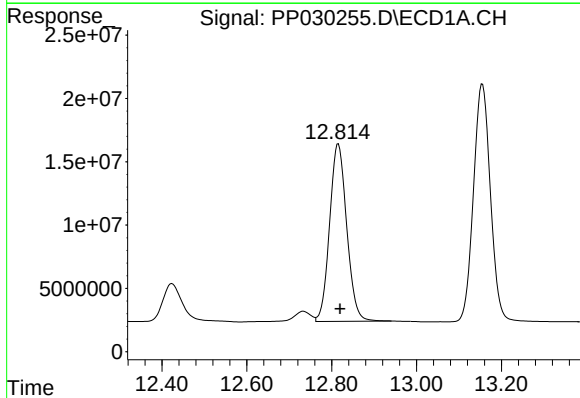
Manual Integrations  
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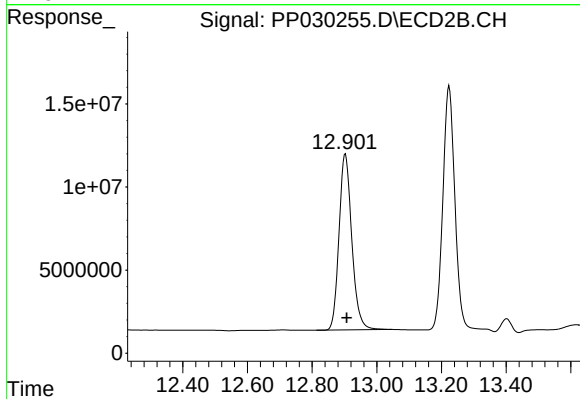
#3 4-Nitrophenol

R.T.: 12.062 min  
Delta R.T.: 0.002 min  
Response: 44607824  
Conc: 85.83 ng/ml



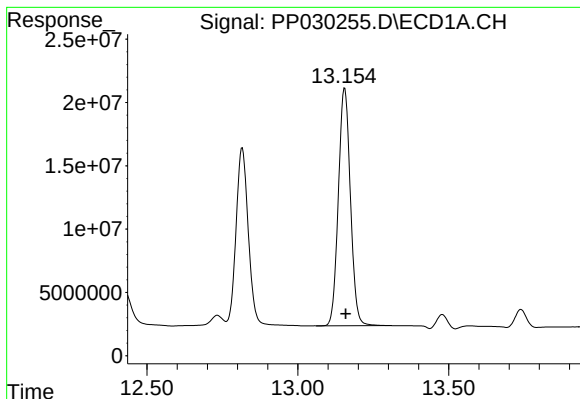
#4 2,4-DCAA

R.T.: 12.816 min  
Delta R.T.: -0.004 min  
Response: 392194647  
Conc: 337.00 ng/ml



#4 2,4-DCAA

R.T.: 12.903 min  
Delta R.T.: -0.005 min  
Response: 290044722  
Conc: 294.73 ng/ml



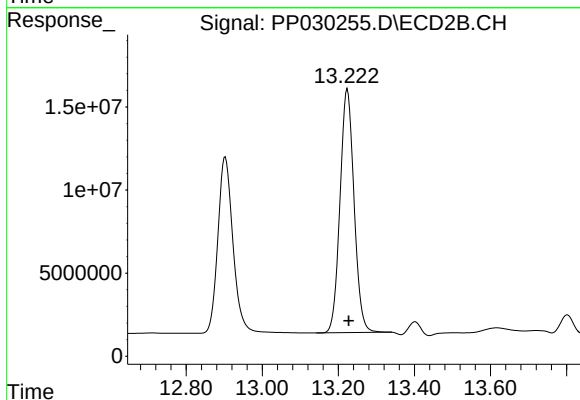
#5 DICAMBA

R.T.: 13.155 min  
Delta R.T.: -0.004 min  
Response: 520844749  
Conc: 97.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

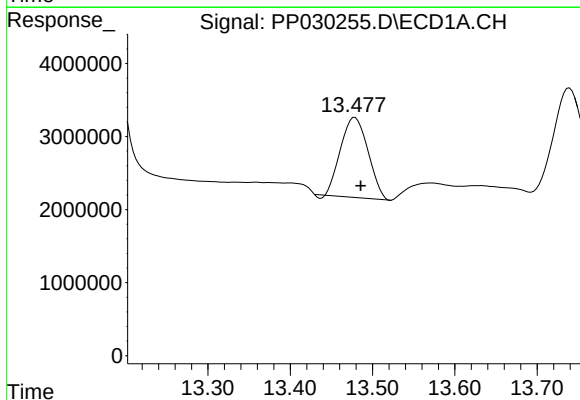
Manual Integrations  
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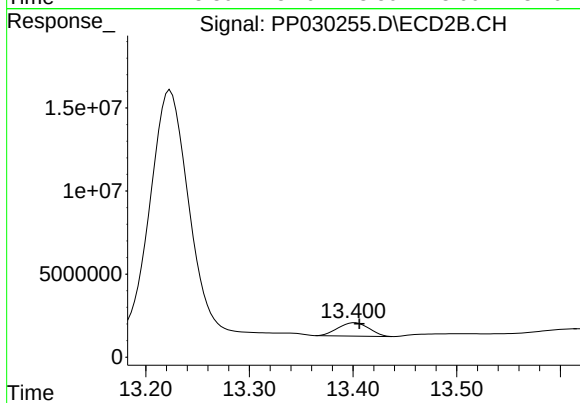
#5 DICAMBA

R.T.: 13.224 min  
Delta R.T.: -0.004 min  
Response: 375797896  
Conc: 93.53 ng/ml



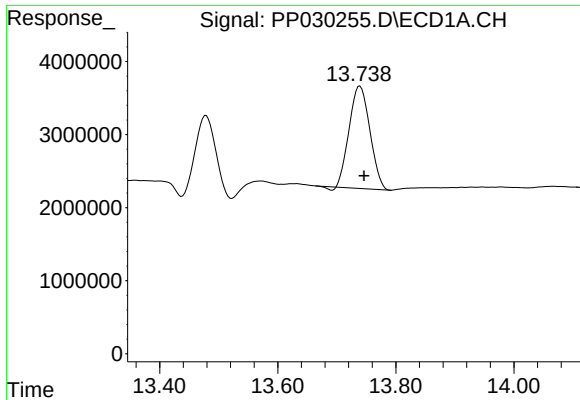
#6 MCP

R.T.: 13.479 min  
Delta R.T.: -0.007 min  
Response: 25294204  
Conc: 8.25 ug/ml



#6 MCP

R.T.: 13.400 min  
Delta R.T.: -0.006 min  
Response: 16620990  
Conc: 7.31 ug/ml m



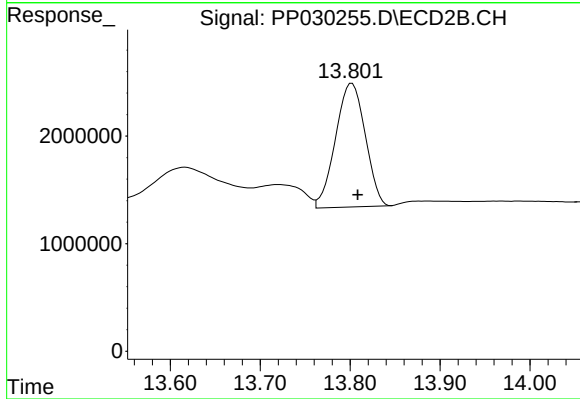
#7 MCPA

R.T.: 13.739 min  
Delta R.T.: -0.007 min  
Response: 34108885  
Conc: 8.19 ug/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

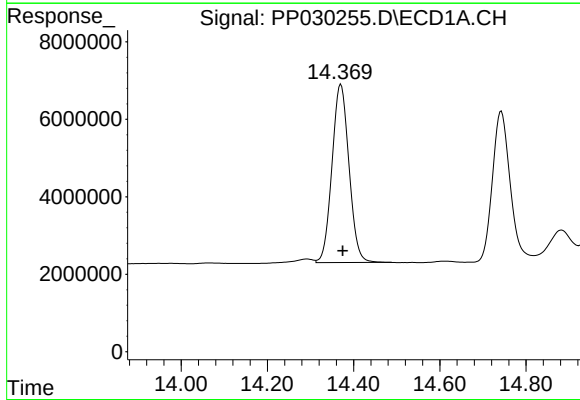
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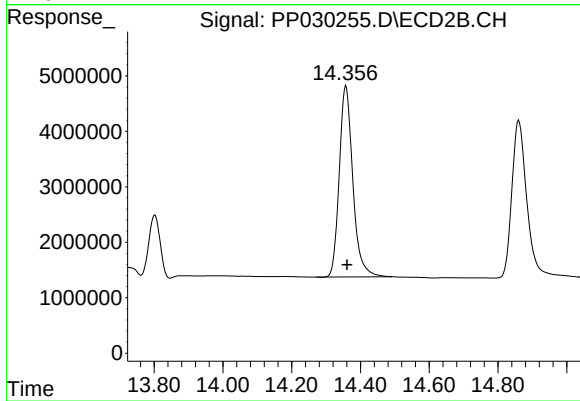
#7 MCPA

R.T.: 13.802 min  
Delta R.T.: -0.006 min  
Response: 26426135  
Conc: 7.85 ug/ml



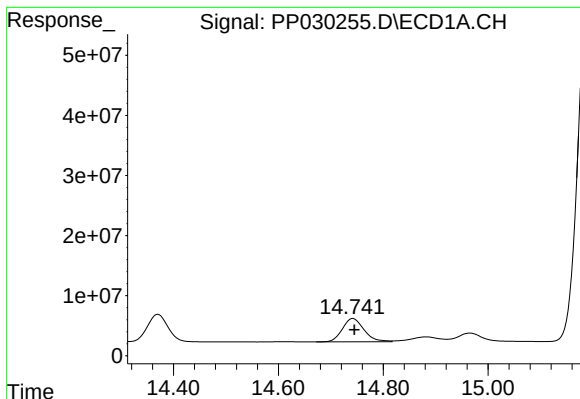
#8 DICHLORPROP

R.T.: 14.371 min  
Delta R.T.: -0.004 min  
Response: 125502291  
Conc: 103.59 ng/ml



#8 DICHLORPROP

R.T.: 14.358 min  
Delta R.T.: -0.003 min  
Response: 94417726  
Conc: 97.01 ng/ml



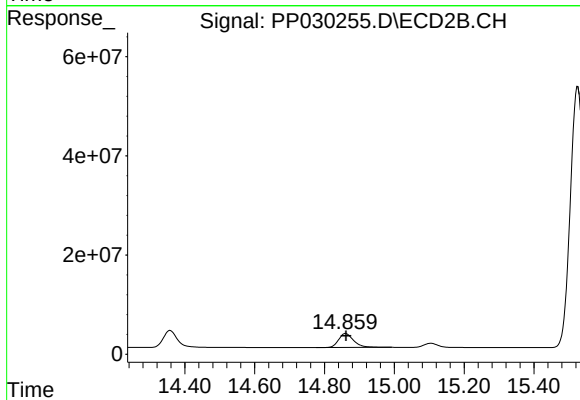
#9 2,4-D

R.T.: 14.743 min  
Delta R.T.: -0.003 min  
Response: 110854515  
Conc: 93.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

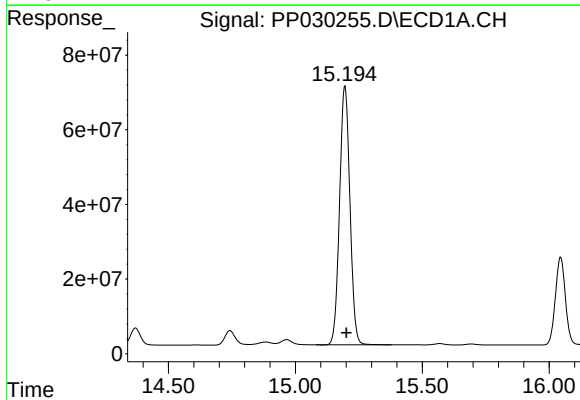
Manual Integrations  
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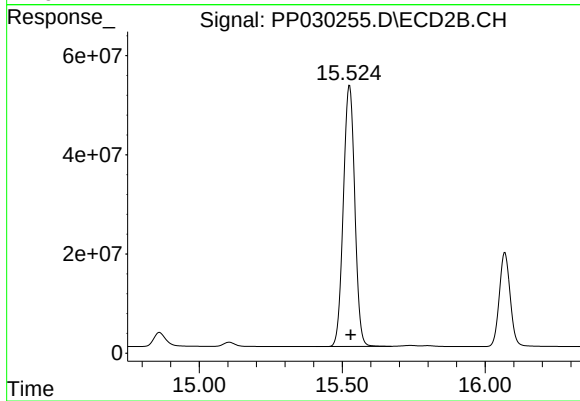
#9 2,4-D

R.T.: 14.861 min  
Delta R.T.: -0.001 min  
Response: 83317196  
Conc: 85.65 ng/ml



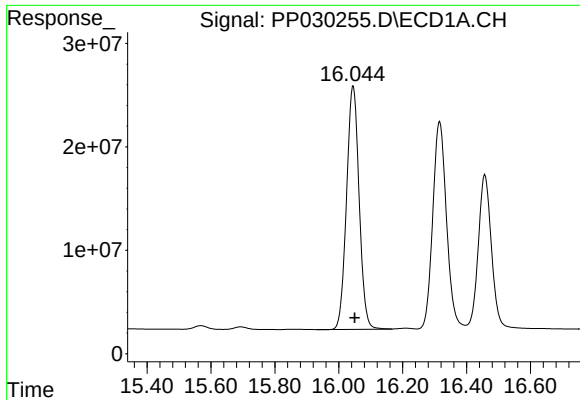
#10 Pentachlorophenol

R.T.: 15.196 min  
Delta R.T.: -0.006 min  
Response: 1968918183  
Conc: 106.07 ng/ml



#10 Pentachlorophenol

R.T.: 15.525 min  
Delta R.T.: -0.004 min  
Response: 1464508538  
Conc: 107.63 ng/ml



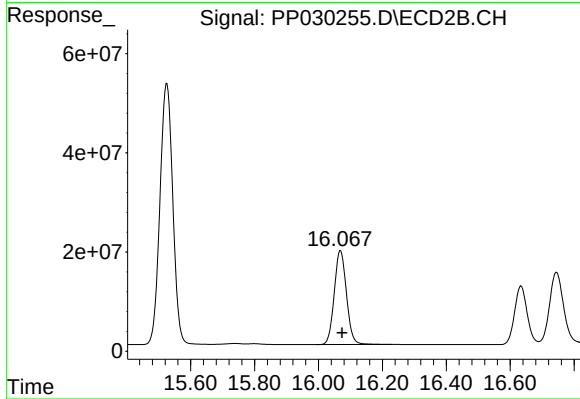
#11 2,4,5-TP (SILVEX)

R.T.: 16.045 min  
Delta R.T.: -0.004 min  
Response: 644050552  
Conc: 97.42 ng/ml

Instrument :  
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MDL-MDL-SOIL-03-QT2-2019

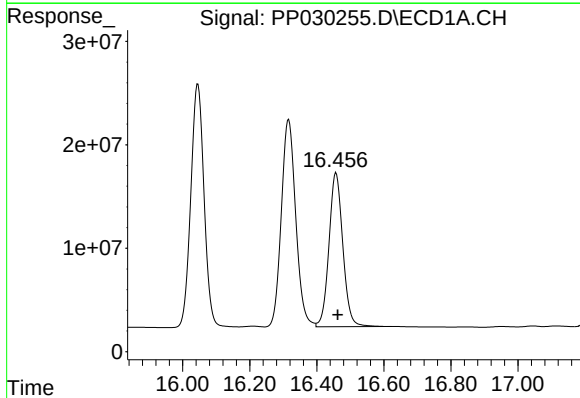
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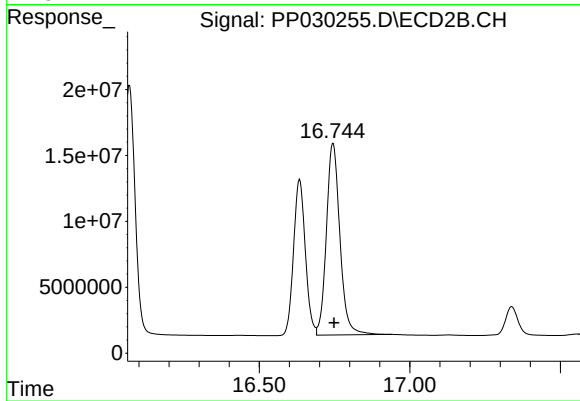
#11 2,4,5-TP (SILVEX)

R.T.: 16.069 min  
Delta R.T.: -0.005 min  
Response: 501937242  
Conc: 95.15 ng/ml



#12 2,4,5-T

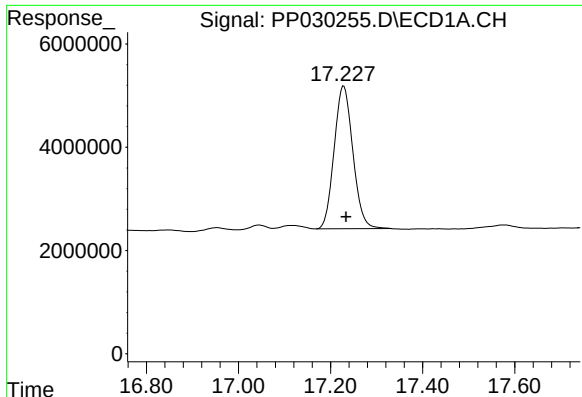
R.T.: 16.457 min  
Delta R.T.: -0.005 min  
Response: 425892900  
Conc: 83.38 ng/ml



#12 2,4,5-T

R.T.: 16.745 min  
Delta R.T.: -0.003 min  
Response: 453993894  
Conc: 93.21 ng/ml





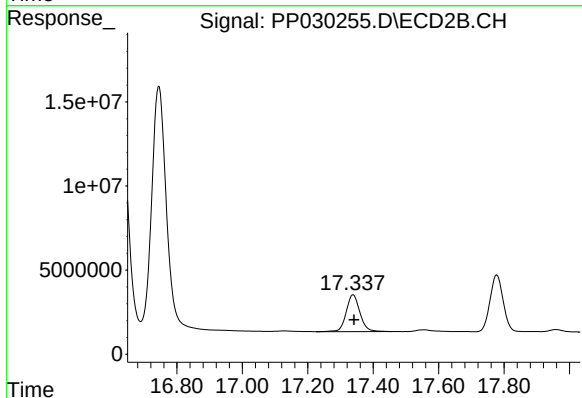
#13 2,4-DB

R.T.: 17.229 min  
Delta R.T.: -0.005 min  
Response: 78095432  
Conc: 96.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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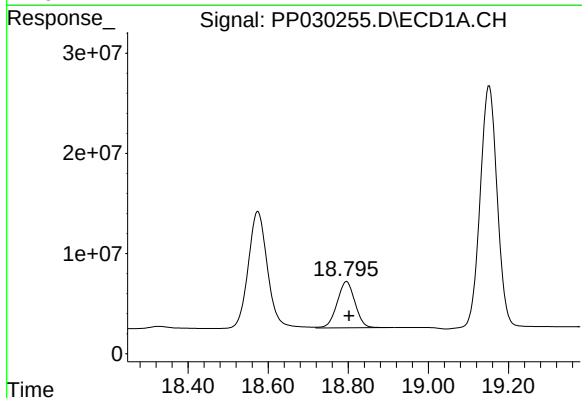
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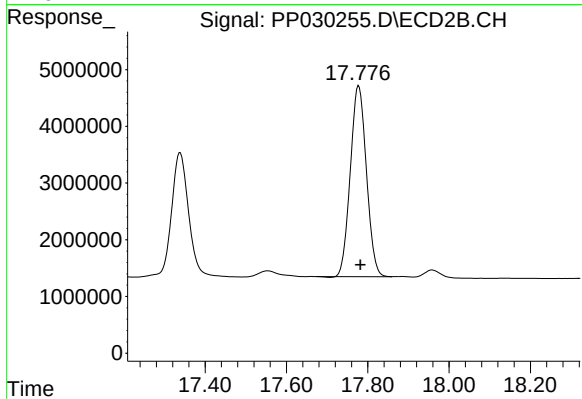
#13 2,4-DB

R.T.: 17.339 min  
Delta R.T.: -0.003 min  
Response: 63336206  
Conc: 92.81 ng/ml



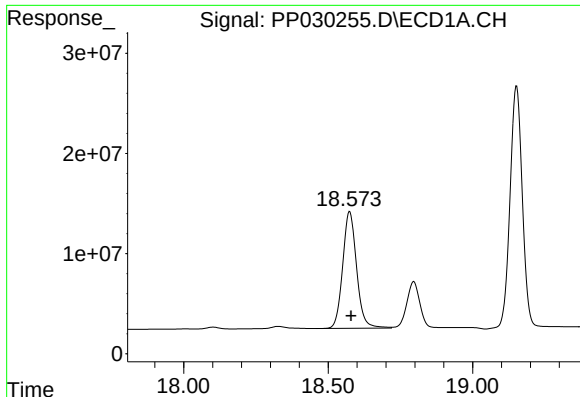
#14 DINOSEB

R.T.: 18.796 min  
Delta R.T.: -0.005 min  
Response: 142694083  
Conc: 65.73 ng/ml



#14 DINOSEB

R.T.: 17.778 min  
Delta R.T.: -0.004 min  
Response: 92545615  
Conc: 59.30 ng/ml



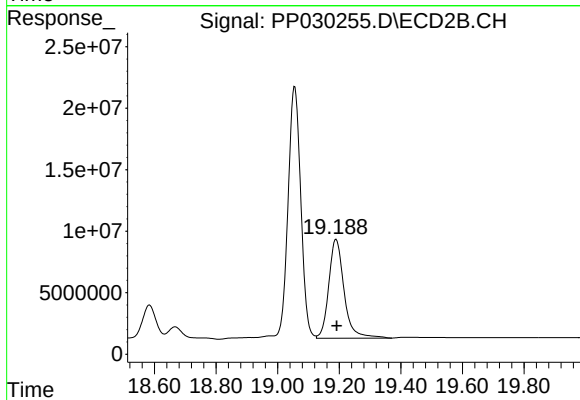
#15 Picloram

R.T.: 18.575 min  
Delta R.T.: -0.004 min  
Response: 387048061  
Conc: 63.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-MDL-SOIL-03-QT2-2019

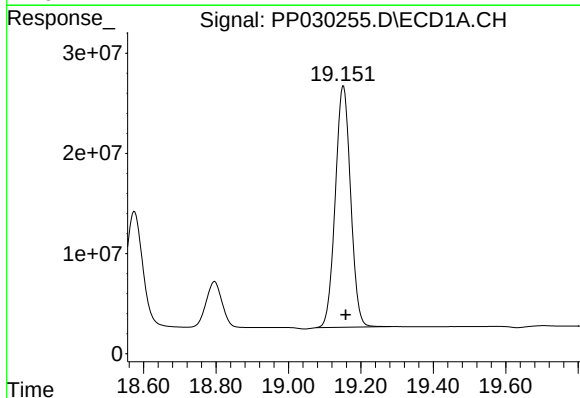
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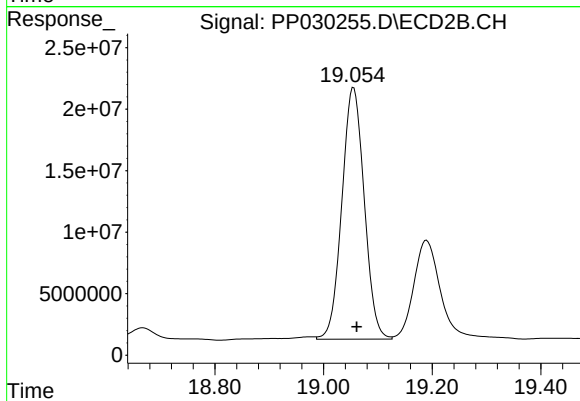
#15 Picloram

R.T.: 19.190 min  
Delta R.T.: -0.002 min  
Response: 277794601  
Conc: 57.14 ng/ml



#16 DCPA

R.T.: 19.152 min  
Delta R.T.: -0.006 min  
Response: 708304290  
Conc: 92.75 ng/ml



#16 DCPA

R.T.: 19.054 min  
Delta R.T.: -0.007 min  
Response: 585399341  
Conc: 97.13 ng/ml m