

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042519\  
 Data File : PP030005.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 25 Apr 2019 23:01  
 Operator : EI/SJ  
 Sample : MDL-HERB-WATER-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 MDL-HERB-WATER-02

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 26 10:06:29 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042519.M  
 Quant Title : 8080.M  
 QLast Update : Fri Apr 26 10:04:13 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     | 12.152 | 12.223 | 235.9E6  | 175.4E6  | 530.512 | 438.151 |
| Target Compounds            |              |        |        |          |          |         |         |
| 1) T                        | Dalapon      | 3.232  | 2.982  | 80952173 | 51979775 | 98.769  | 93.048  |
| 2) T                        | 3,5-DICHL... | 10.542 | 10.318 | 79450472 | 48590859 | 103.503 | 93.146  |
| 3) T                        | 4-Nitroph... | 11.759 | 11.397 | 34491302 | 16775904 | 86.329  | 78.385  |
| 5) T                        | DICAMBA      | 12.477 | 12.531 | 207.3E6  | 144.5E6  | 101.476 | 93.037  |
| 6) T                        | MCPD         | 12.804 | 12.716 | 10643991 | 4605100  | 9.685m  | 6.018 # |
| 7) T                        | MCPA         | 13.062 | 13.109 | 15789353 | 7857234  | 9.495   | 6.366 # |
| 8) T                        | DICHLORPROP  | 13.682 | 13.657 | 55158933 | 37607580 | 116.168 | 100.043 |
| 9) T                        | 2,4-D        | 14.052 | 14.156 | 49522486 | 37559218 | 103.768 | 89.992  |
| 10) T                       | Pentachlo... | 14.460 | 14.763 | 802.7E6  | 579.5E6  | 100.869 | 98.181  |
| 11) T                       | 2,4,5-TP ... | 15.322 | 15.331 | 270.8E6  | 201.4E6  | 101.050 | 94.903  |
| 12) T                       | 2,4,5-T      | 15.730 | 15.982 | 242.0E6  | 195.7E6  | 98.209  | 94.022  |
| 13) T                       | 2,4-DB       | 16.489 | 16.581 | 29890198 | 21033836 | 97.710  | 89.408  |
| 14) T                       | DINOSEB      | 18.006 | 16.998 | 148.2E6  | 113.3E6  | 92.111  | 88.635  |
| 15) T                       | Picloram     | 17.790 | 18.370 | 258.3E6  | 174.8E6  | 72.877  | 64.899  |
| 16) T                       | DCPA         | 18.358 | 18.242 | 353.5E6  | 266.7E6  | 99.330  | 98.302  |
| -----                       |              |        |        |          |          |         |         |

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

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Data File : PP030005.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 25 Apr 2019 23:01  
Operator : EI/SJ  
Sample : MDL-HERB-WATER-02  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

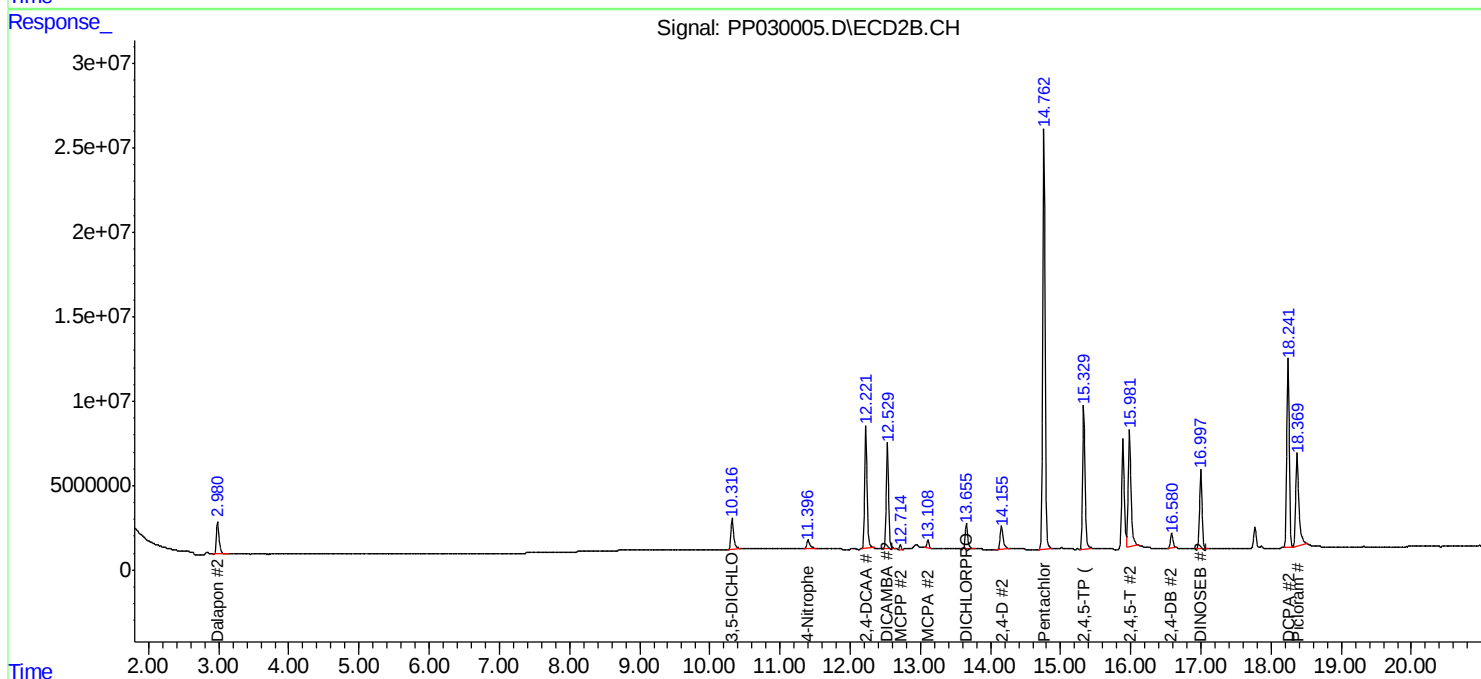
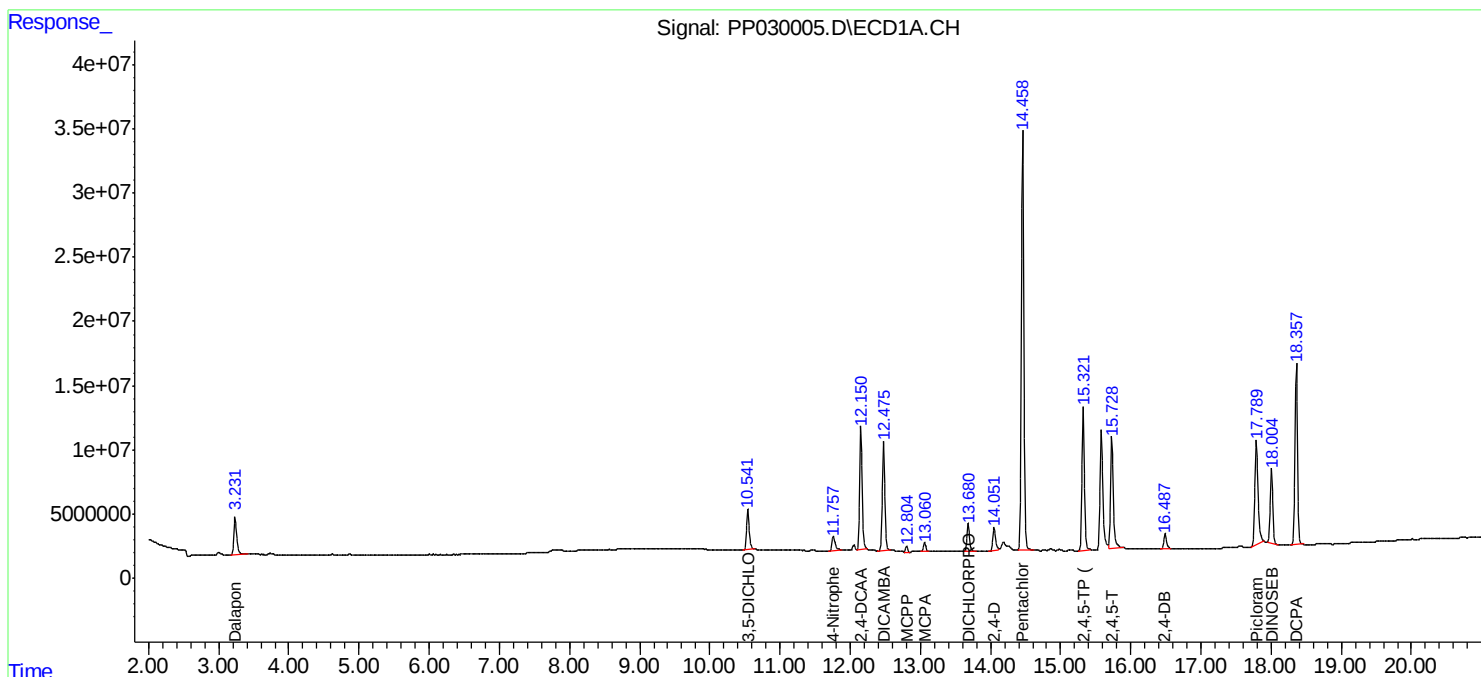
Instrument :  
ECD\_P  
ClientSampled :  
MDL-HERB-WATER-02

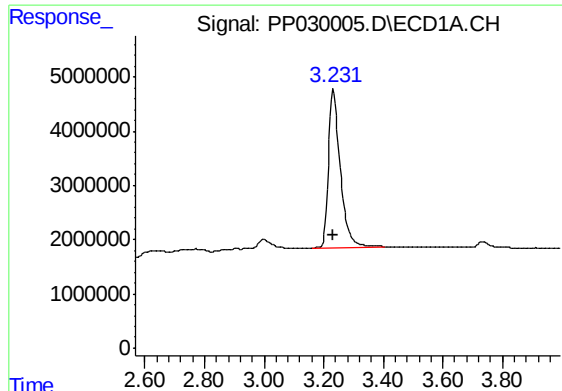
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 26 10:06:29 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042519.M  
Quant Title : 8080.M  
QLast Update : Fri Apr 26 10:04:13 2019  
Response 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





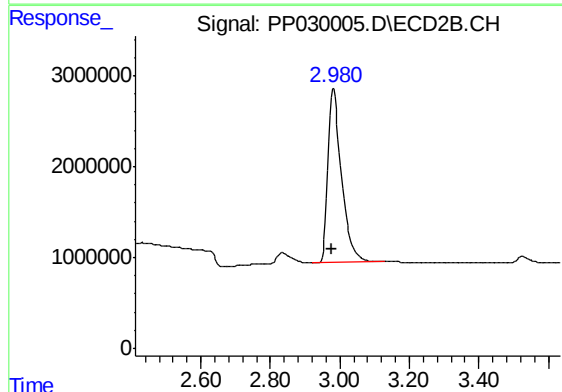
#1 Dalapon

R.T.: 3.232 min  
Delta R.T.: 0.001 min  
Response: 80952173  
Conc: 98.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-HERB-WATER-02

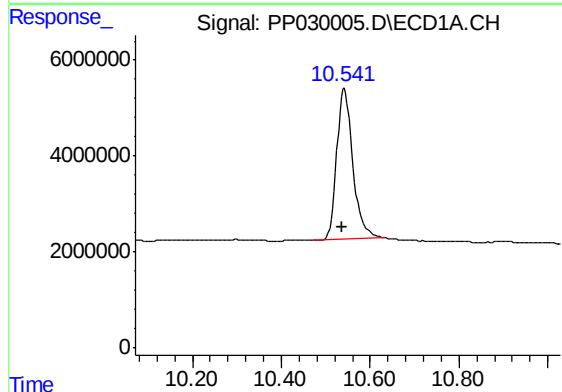
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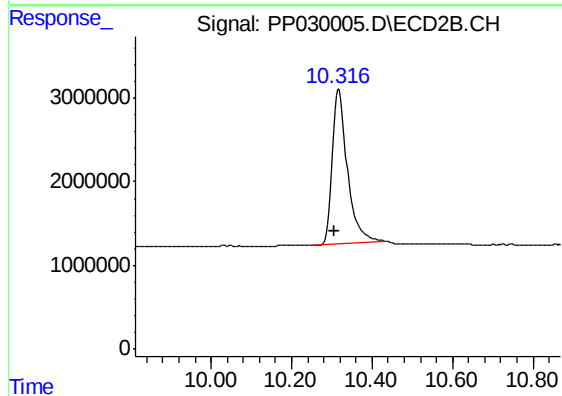
#1 Dalapon

R.T.: 2.982 min  
Delta R.T.: 0.003 min  
Response: 51979775  
Conc: 93.05 ng/ml



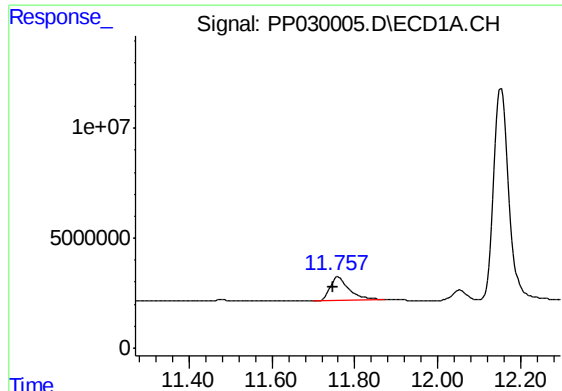
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.542 min  
Delta R.T.: 0.004 min  
Response: 79450472  
Conc: 103.50 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.318 min  
Delta R.T.: 0.010 min  
Response: 48590859  
Conc: 93.15 ng/ml



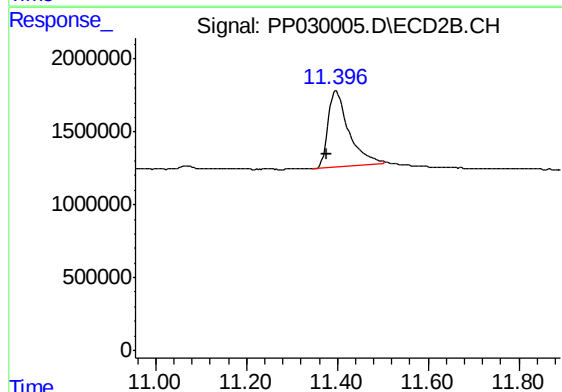
#3 4-Nitrophenol

R.T.: 11.759 min  
Delta R.T.: 0.012 min  
Response: 34491302  
Conc: 86.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-HERB-WATER-02

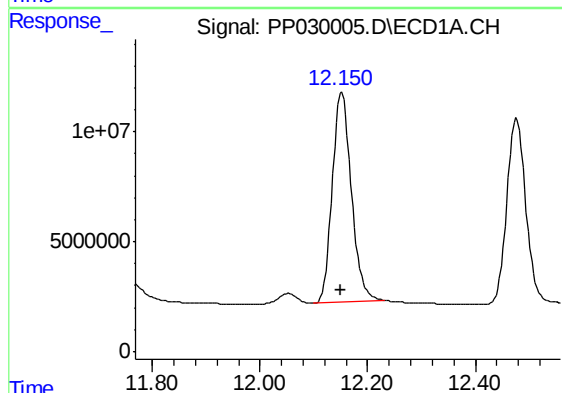
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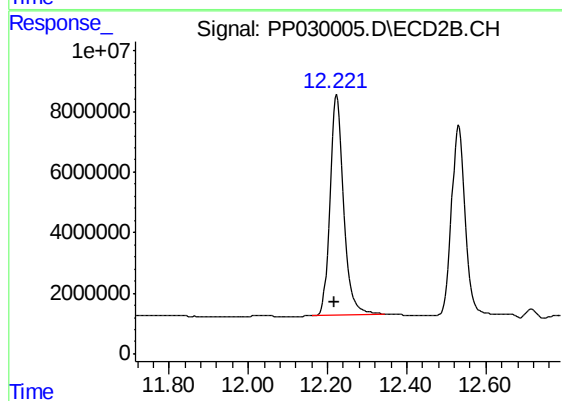
#3 4-Nitrophenol

R.T.: 11.397 min  
Delta R.T.: 0.021 min  
Response: 16775904  
Conc: 78.39 ng/ml



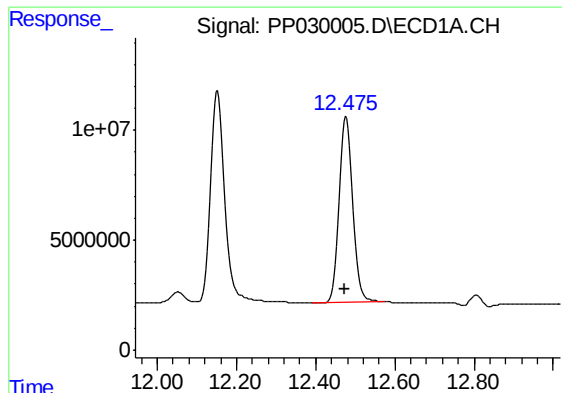
#4 2,4-DCAA

R.T.: 12.152 min  
Delta R.T.: 0.003 min  
Response: 235915960  
Conc: 530.51 ng/ml



#4 2,4-DCAA

R.T.: 12.223 min  
Delta R.T.: 0.004 min  
Response: 175408024  
Conc: 438.15 ng/ml



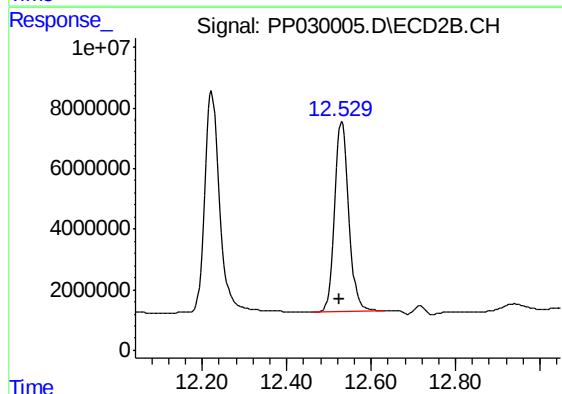
#5 DICAMBA

R.T.: 12.477 min  
Delta R.T.: 0.003 min  
Response: 207250058  
Conc: 101.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-HERB-WATER-02

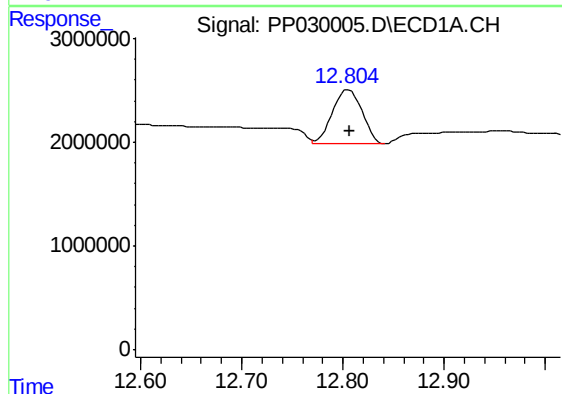
Manual Integrations  
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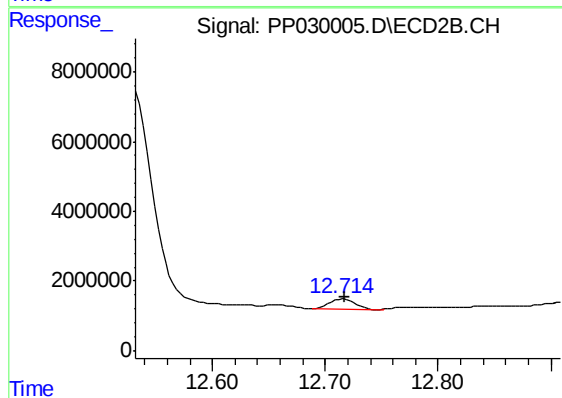
#5 DICAMBA

R.T.: 12.531 min  
Delta R.T.: 0.005 min  
Response: 144513806  
Conc: 93.04 ng/ml



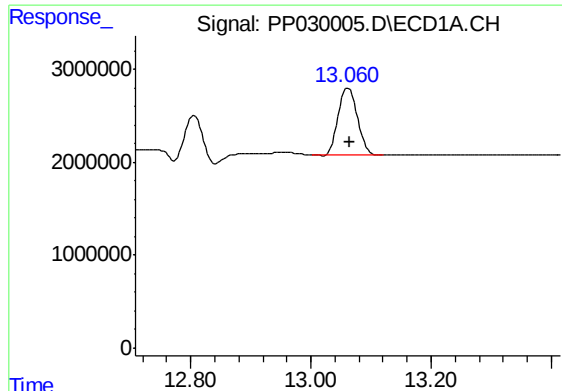
#6 MCPP

R.T.: 12.804 min  
Delta R.T.: -0.002 min  
Response: 10643991  
Conc: 9.69 ug/ml m



#6 MCPP

R.T.: 12.716 min  
Delta R.T.: -0.001 min  
Response: 4605100  
Conc: 6.02 ug/ml



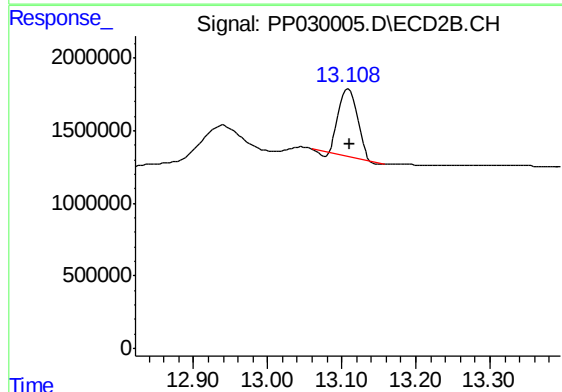
#7 MCPA

R.T.: 13.062 min  
Delta R.T.: -0.002 min  
Response: 15789353  
Conc: 9.49 ug/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-HERB-WATER-02

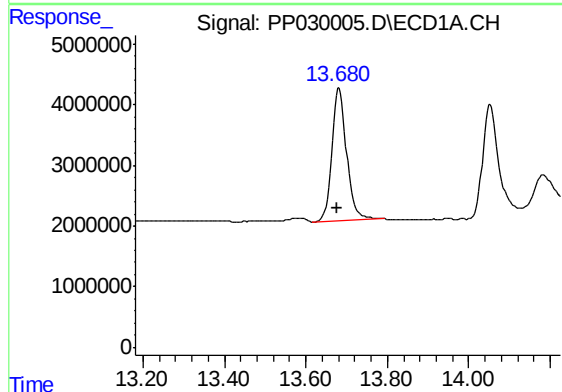
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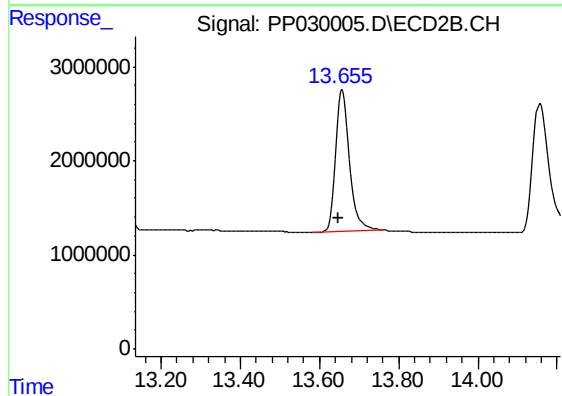
#7 MCPA

R.T.: 13.109 min  
Delta R.T.: -0.002 min  
Response: 7857234  
Conc: 6.37 ug/ml



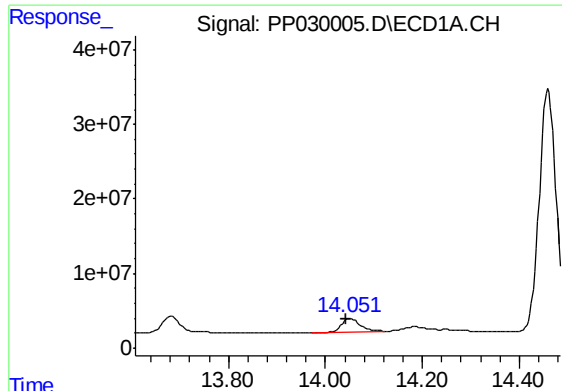
#8 DICHLORPROP

R.T.: 13.682 min  
Delta R.T.: 0.005 min  
Response: 55158933  
Conc: 116.17 ng/ml



#8 DICHLORPROP

R.T.: 13.657 min  
Delta R.T.: 0.008 min  
Response: 37607580  
Conc: 100.04 ng/ml



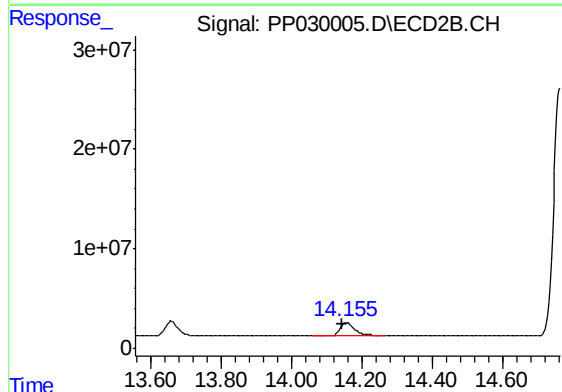
#9 2,4-D

R.T.: 14.052 min  
Delta R.T.: 0.009 min  
Response: 49522486  
Conc: 103.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-HERB-WATER-02

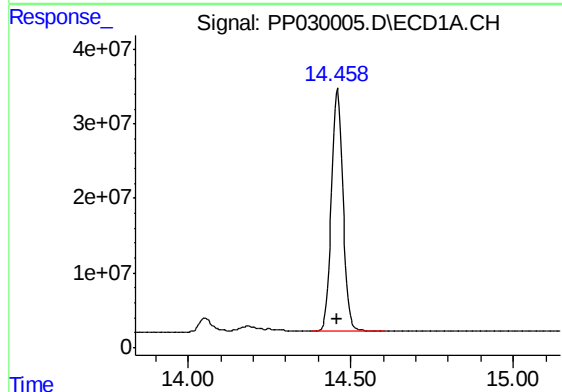
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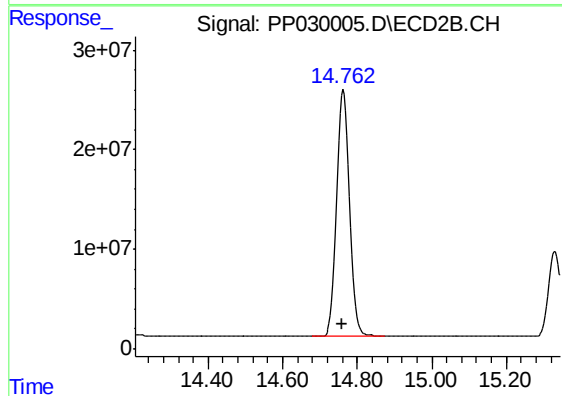
#9 2,4-D

R.T.: 14.156 min  
Delta R.T.: 0.014 min  
Response: 37559218  
Conc: 89.99 ng/ml



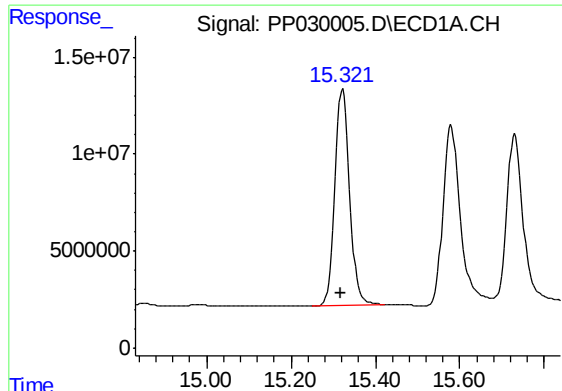
#10 Pentachlorophenol

R.T.: 14.460 min  
Delta R.T.: 0.002 min  
Response: 802700305  
Conc: 100.87 ng/ml



#10 Pentachlorophenol

R.T.: 14.763 min  
Delta R.T.: 0.004 min  
Response: 579506687  
Conc: 98.18 ng/ml



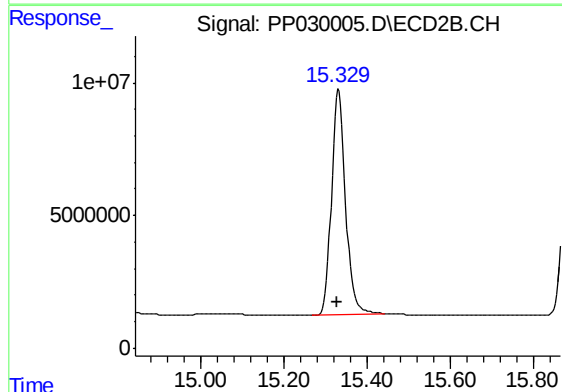
#11 2,4,5-TP (SILVEX)

R.T.: 15.322 min  
Delta R.T.: 0.003 min  
Response: 270806225  
Conc: 101.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-HERB-WATER-02

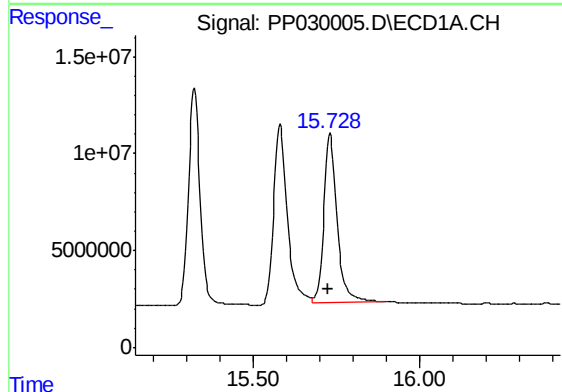
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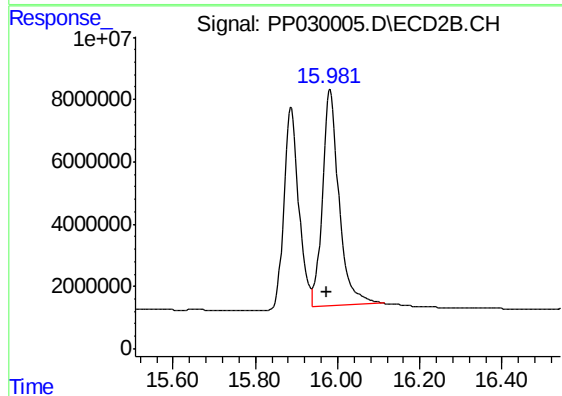
#11 2,4,5-TP (SILVEX)

R.T.: 15.331 min  
Delta R.T.: 0.005 min  
Response: 201369392  
Conc: 94.90 ng/ml



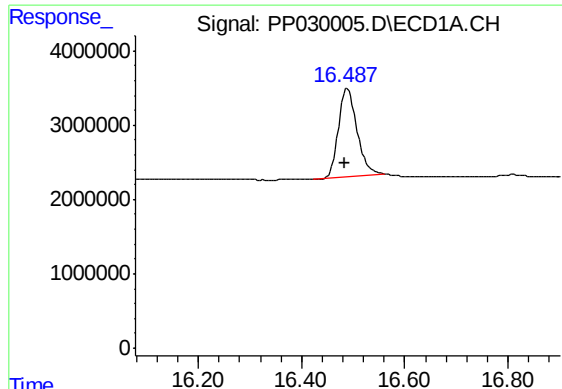
#12 2,4,5-T

R.T.: 15.730 min  
Delta R.T.: 0.004 min  
Response: 242047158  
Conc: 98.21 ng/ml



#12 2,4,5-T

R.T.: 15.982 min  
Delta R.T.: 0.009 min  
Response: 195687974  
Conc: 94.02 ng/ml



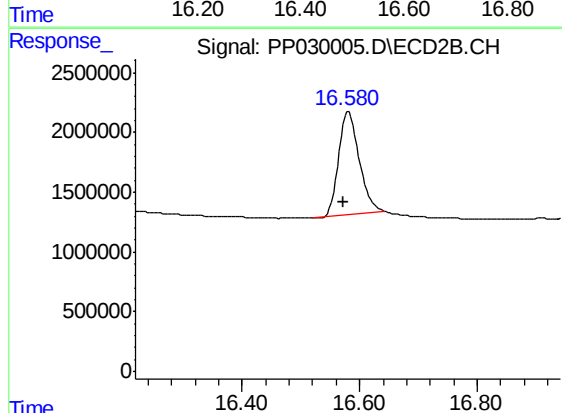
#13 2,4-DB

R.T.: 16.489 min  
Delta R.T.: 0.006 min  
Response: 29890198  
Conc: 97.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-HERB-WATER-02

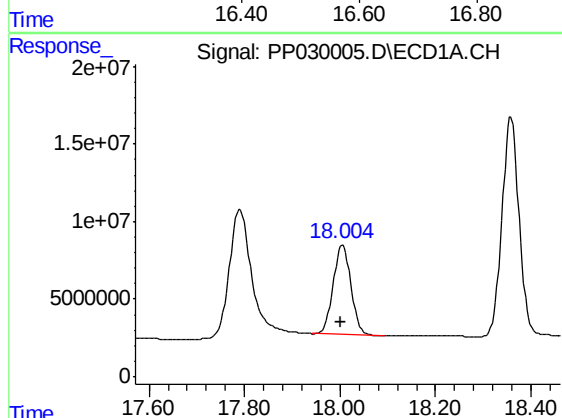
Manual Integrations  
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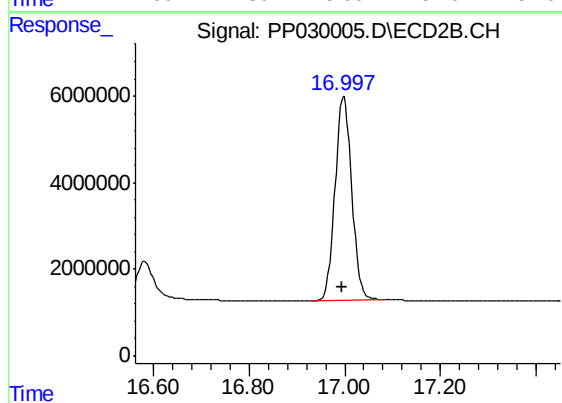
#13 2,4-DB

R.T.: 16.581 min  
Delta R.T.: 0.010 min  
Response: 21033836  
Conc: 89.41 ng/ml



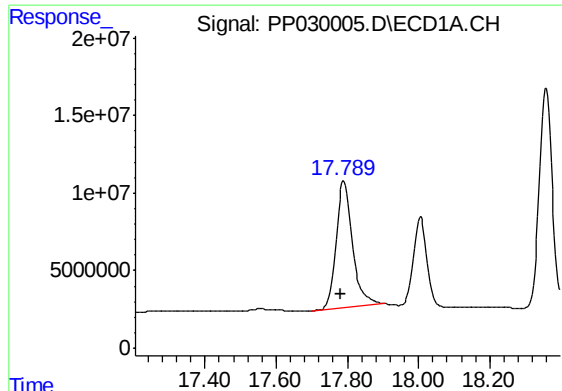
#14 DINOSEB

R.T.: 18.006 min  
Delta R.T.: 0.003 min  
Response: 148244323  
Conc: 92.11 ng/ml



#14 DINOSEB

R.T.: 16.998 min  
Delta R.T.: 0.005 min  
Response: 113279097  
Conc: 88.63 ng/ml



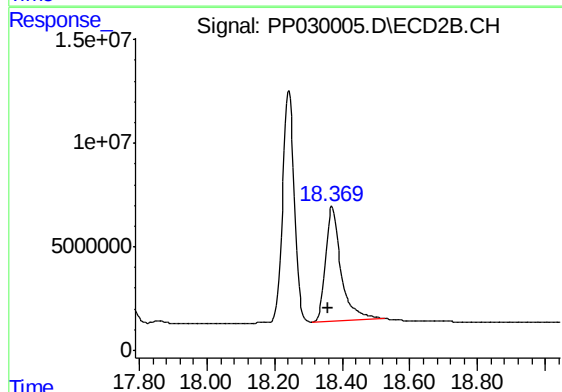
#15 Picloram

R.T.: 17.790 min  
Delta R.T.: 0.008 min  
Response: 258327490  
Conc: 72.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-HERB-WATER-02

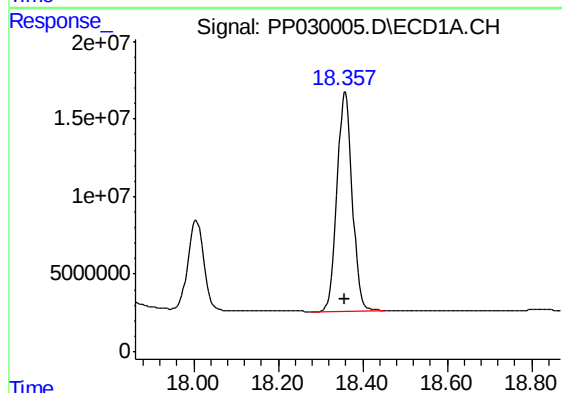
Manual Integrations  
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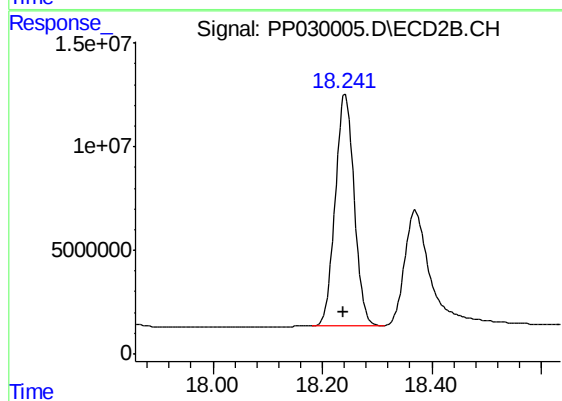
#15 Picloram

R.T.: 18.370 min  
Delta R.T.: 0.011 min  
Response: 174821937  
Conc: 64.90 ng/ml



#16 DCPA

R.T.: 18.358 min  
Delta R.T.: 0.002 min  
Response: 353453129  
Conc: 99.33 ng/ml



#16 DCPA

R.T.: 18.242 min  
Delta R.T.: 0.003 min  
Response: 266689299  
Conc: 98.30 ng/ml