

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101618\  
 Data File : PP027699.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Oct 2018 18:46  
 Operator : EI\MA  
 Sample : J5198-12MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 CL-02-101218-AMS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 17 05:27:19 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP100918.M  
 Quant Title : 8080.M  
 QLast Update : Thu Oct 11 18:41:33 2018  
 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     | 12.043 | 12.157 | 107.4E6  | 159.1E6  | 434.171  | 378.053  |
| Target Compounds            |              |        |        |          |          |          |          |
| 1) T                        | Dalapon      | 3.307  | 2.981  | 355.5E6  | 332.7E6  | 591.348  | 622.675  |
| 2) T                        | 3,5-DICHL... | 10.456 | 10.249 | 299.8E6  | 273.9E6  | 625.631  | 532.507  |
| 3) T                        | 4-Nitroph... | 11.620 | 11.303 | 4065031  | 5727282  | 10.457   | 31.920 # |
| 5) T                        | DICAMBA      | 12.362 | 12.465 | 848.7E6  | 890.4E6  | 551.675m | 545.982m |
| 6) T                        | MCPD         | 12.718 | 12.658 | 90693301 | 52278342 | 181.674m | 63.124 # |
| 7) T                        | MCPA         | 12.949 | 13.047 | 39702172 | 83068681 | 59.202   | 63.836   |
| 8) T                        | DICHLORPROP  | 13.560 | 13.581 | 201.6E6  | 246.4E6  | 568.951  | 605.540  |
| 9) T                        | 2,4-D        | 13.909 | 14.067 | 238.8E6  | 315.8E6  | 696.251  | 656.296  |
| 10) T                       | Pentachlo... | 14.327 | 14.678 | 4159.2E6 | 3403.0E6 | 520.566  | 519.884  |
| 11) T                       | 2,4,5-TP ... | 15.189 | 15.248 | 1690.8E6 | 1472.3E6 | 596.063  | 598.917  |
| 12) T                       | 2,4,5-T      | 15.579 | 15.888 | 1406.1E6 | 1045.5E6 | 637.128  | 636.231  |
| 13) T                       | 2,4-DB       | 16.341 | 16.490 | 147.3E6  | 147.0E6  | 912.697  | 744.037  |
| 14) T                       | DINOSEB      | 17.829 | 16.882 | 844.0E6  | 697.3E6  | 429.193  | 424.734  |
| 15) T                       | Picloram     | 17.589 | 18.258 | 1468.6E6 | 1274.1E6 | 651.799  | 689.901  |
| 16) T                       | DCPA         | 18.193 | 18.141 | 1742.0E6 | 1369.8E6 | 420.015  | 439.846  |
| -----                       |              |        |        |          |          |          |          |

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

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Acq On : 16 Oct 2018 18:46  
Operator : EI\MA  
Sample : J5198-12MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

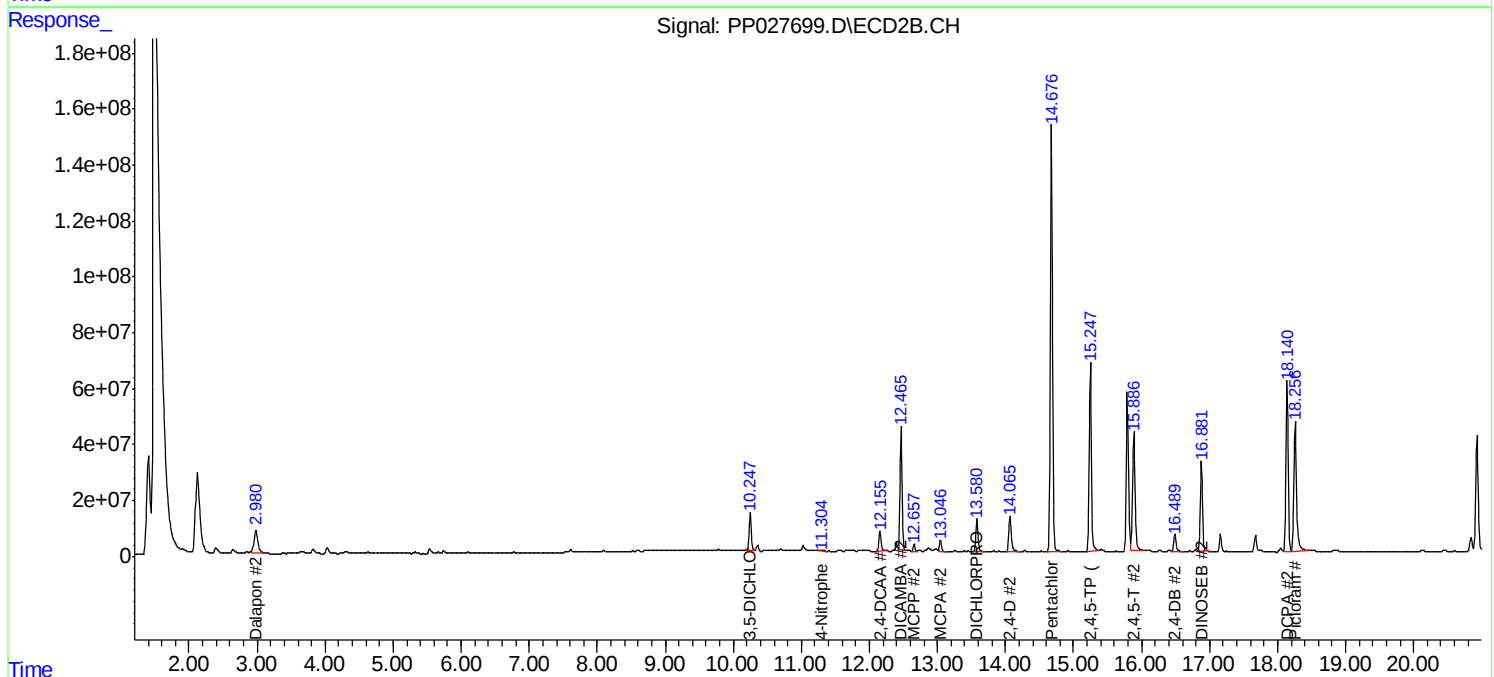
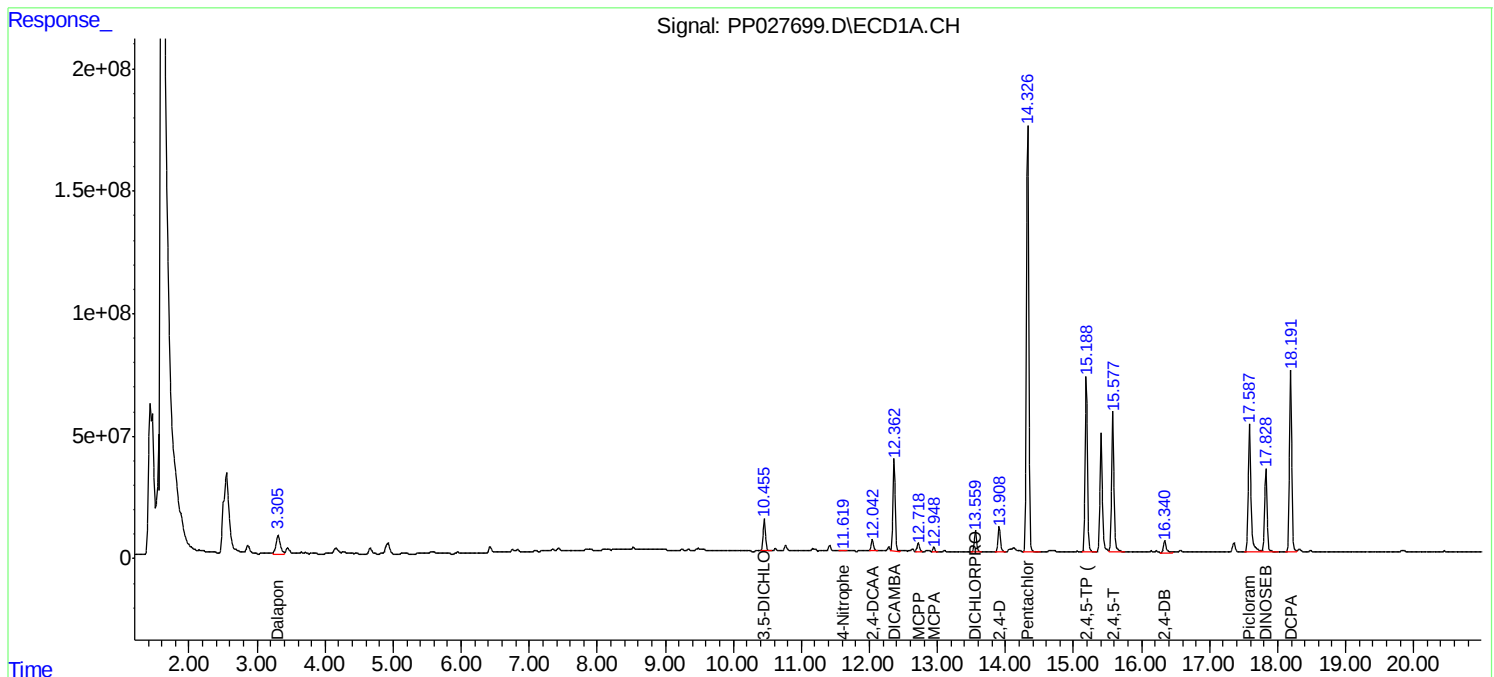
Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-101218-AMS

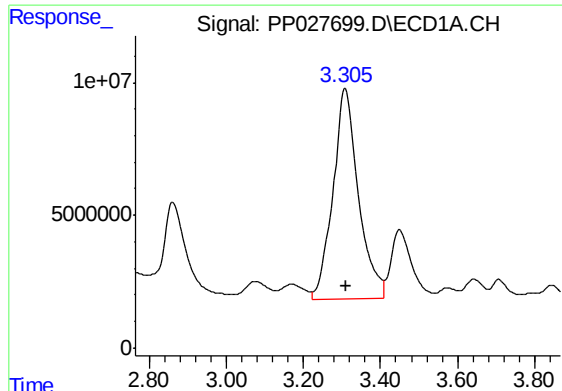
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 17 05:27:19 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP100918.M  
Quant Title : 8080.M  
QLast Update : Thu Oct 11 18:41:33 2018  
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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





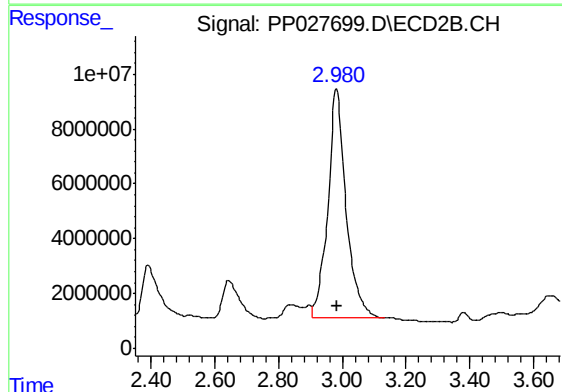
#1 Dalapon

R.T.: 3.307 min  
Delta R.T.: -0.005 min  
Response: 355468452  
Conc: 591.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-101218-AMS

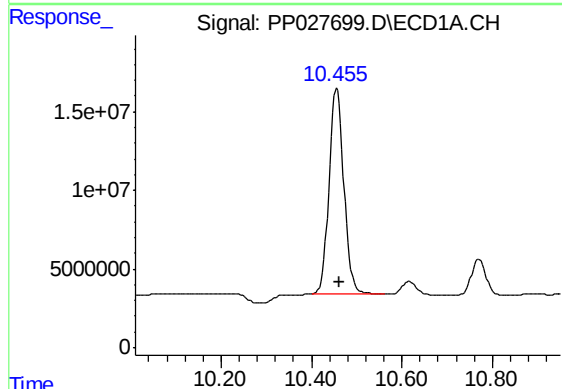
Manual Integrations  
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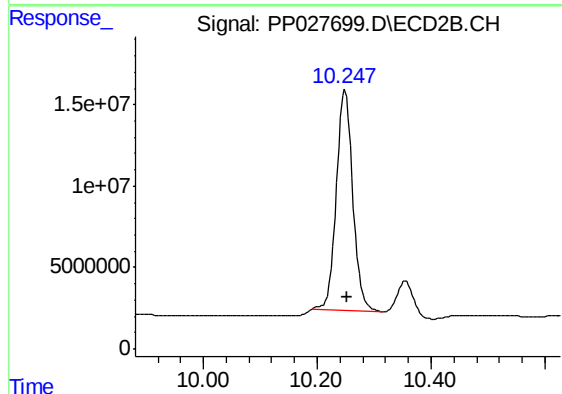
#1 Dalapon

R.T.: 2.981 min  
Delta R.T.: -0.002 min  
Response: 332724957  
Conc: 622.67 ng/ml



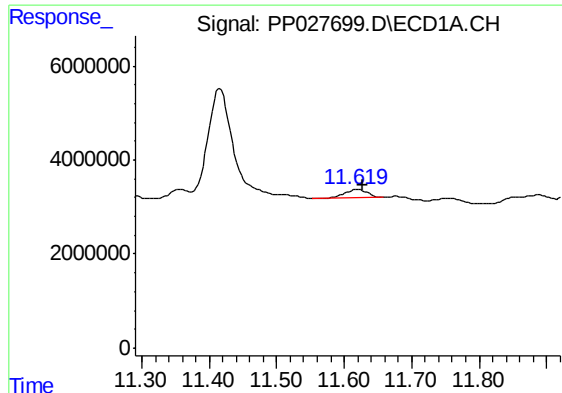
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.456 min  
Delta R.T.: -0.005 min  
Response: 299783706  
Conc: 625.63 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.249 min  
Delta R.T.: -0.004 min  
Response: 273864204  
Conc: 532.51 ng/ml



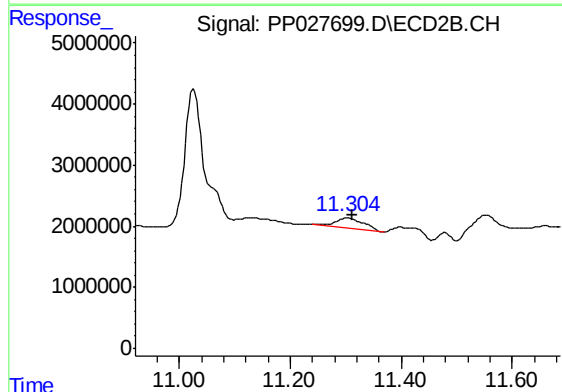
#3 4-Nitrophenol

R.T.: 11.620 min  
Delta R.T.: -0.007 min  
Response: 4065031  
Conc: 10.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-101218-AMS

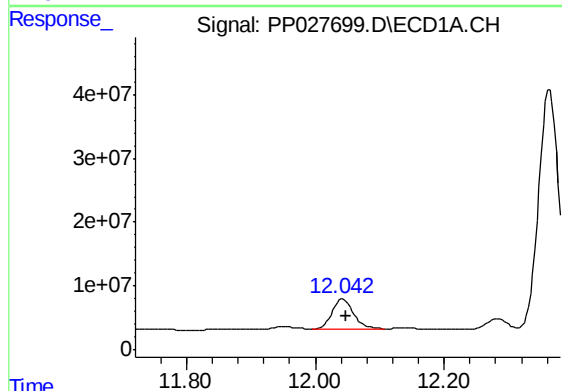
Manual Integrations  
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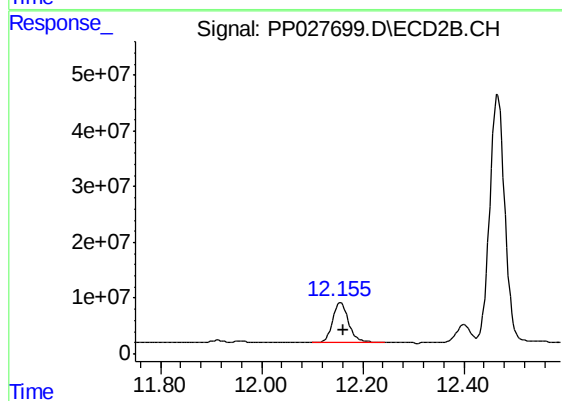
#3 4-Nitrophenol

R.T.: 11.303 min  
Delta R.T.: -0.010 min  
Response: 5727282  
Conc: 31.92 ng/ml



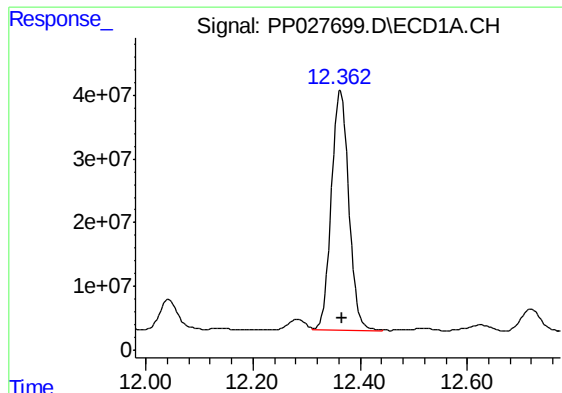
#4 2,4-DCAA

R.T.: 12.043 min  
Delta R.T.: -0.005 min  
Response: 107411845  
Conc: 434.17 ng/ml



#4 2,4-DCAA

R.T.: 12.157 min  
Delta R.T.: -0.005 min  
Response: 159082534  
Conc: 378.05 ng/ml



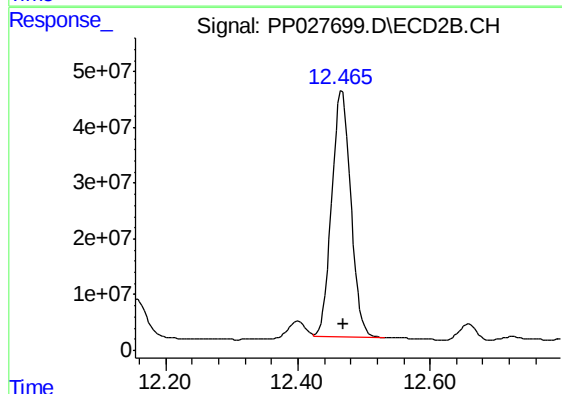
#5 DICAMBA

R.T.: 12.362 min  
Delta R.T.: -0.005 min  
Response: 848695809  
Conc: 551.67 ng/ml m

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-101218-AMS

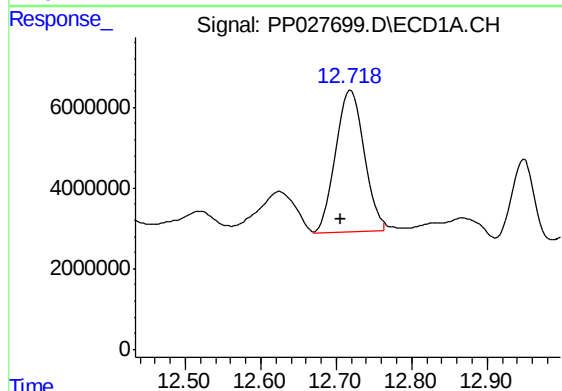
Manual Integrations  
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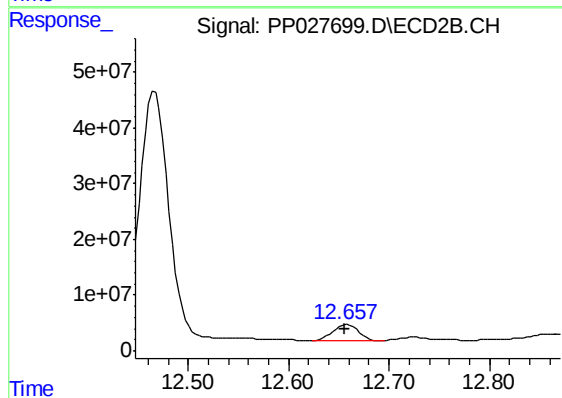
#5 DICAMBA

R.T.: 12.465 min  
Delta R.T.: -0.004 min  
Response: 890382648  
Conc: 545.98 ng/ml m



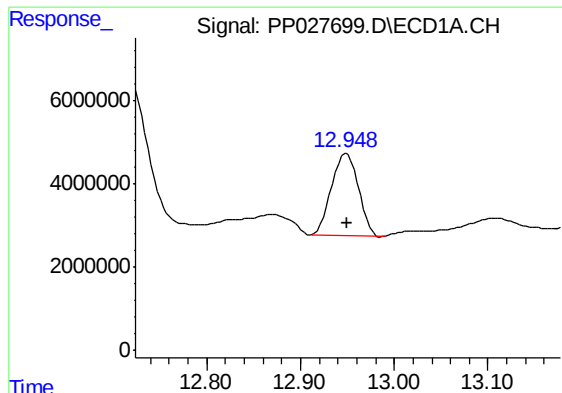
#6 MCPP

R.T.: 12.718 min  
Delta R.T.: 0.012 min  
Response: 90693301  
Conc: 181.67 ug/ml m



#6 MCPP

R.T.: 12.658 min  
Delta R.T.: 0.002 min  
Response: 52278342  
Conc: 63.12 ug/ml



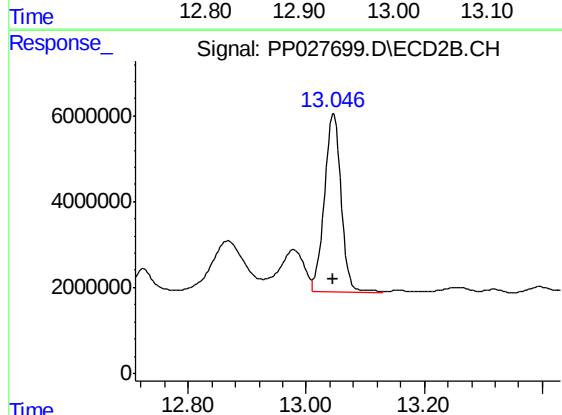
#7 MCPA

R.T.: 12.949 min  
Delta R.T.: 0.000 min  
Response: 39702172  
Conc: 59.20 ug/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-101218-AMS

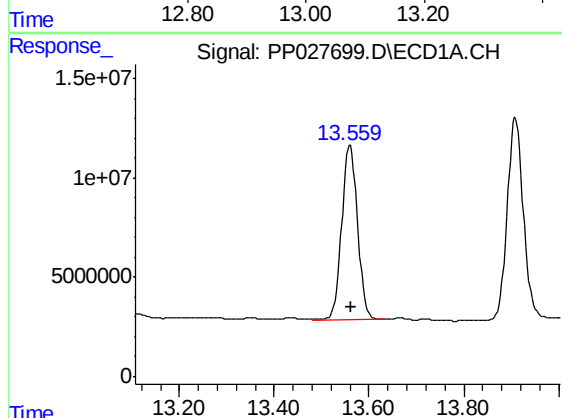
Manual Integrations  
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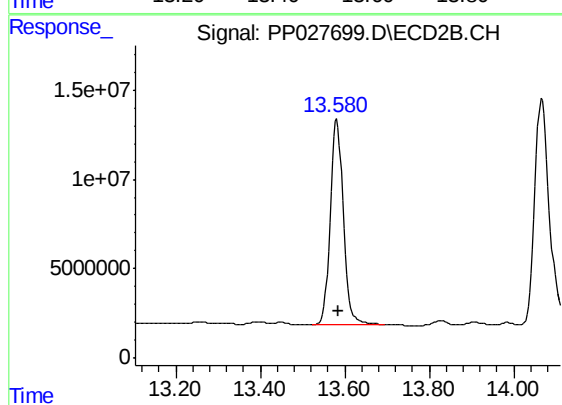
#7 MCPA

R.T.: 13.047 min  
Delta R.T.: 0.002 min  
Response: 83068681  
Conc: 63.84 ug/ml



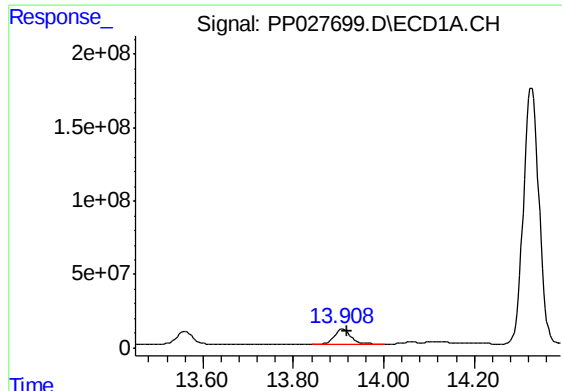
#8 DICHLORPROP

R.T.: 13.560 min  
Delta R.T.: -0.003 min  
Response: 201596979  
Conc: 568.95 ng/ml



#8 DICHLORPROP

R.T.: 13.581 min  
Delta R.T.: -0.004 min  
Response: 246373383  
Conc: 605.54 ng/ml



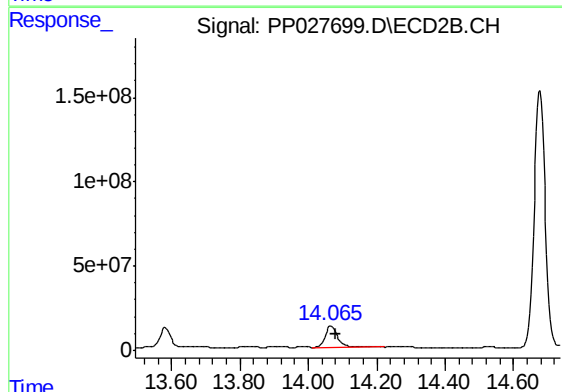
#9 2,4-D

R.T.: 13.909 min  
Delta R.T.: -0.009 min  
Response: 238752125  
Conc: 696.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-101218-AMS

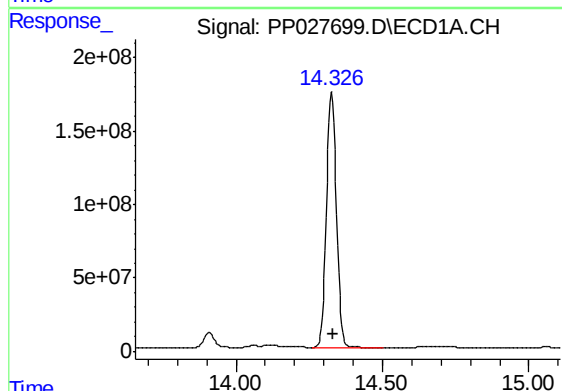
Manual Integrations  
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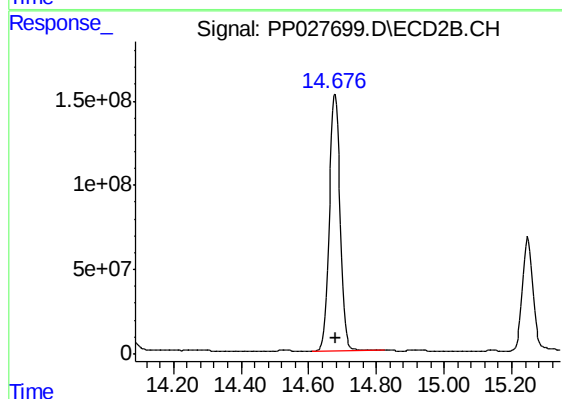
#9 2,4-D

R.T.: 14.067 min  
Delta R.T.: -0.012 min  
Response: 315761195  
Conc: 656.30 ng/ml



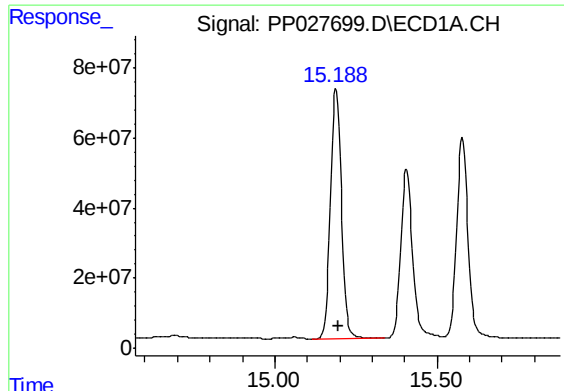
#10 Pentachlorophenol

R.T.: 14.327 min  
Delta R.T.: -0.005 min  
Response: 4159222421  
Conc: 520.57 ng/ml



#10 Pentachlorophenol

R.T.: 14.678 min  
Delta R.T.: -0.004 min  
Response: 3403038141  
Conc: 519.88 ng/ml



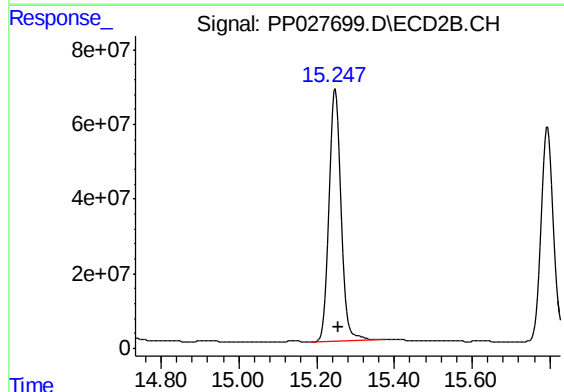
#11 2,4,5-TP (SILVEX)

R.T.: 15.189 min  
Delta R.T.: -0.008 min  
Response: 1690798956  
Conc: 596.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-101218-AMS

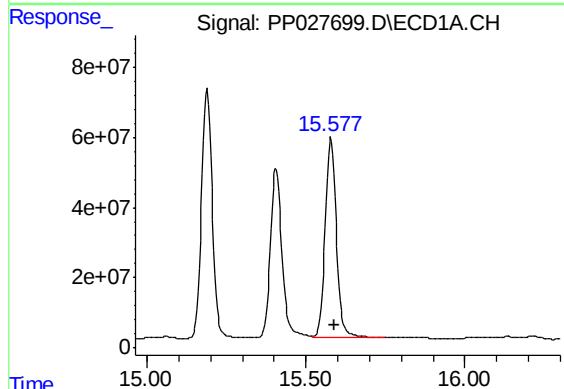
Manual Integrations  
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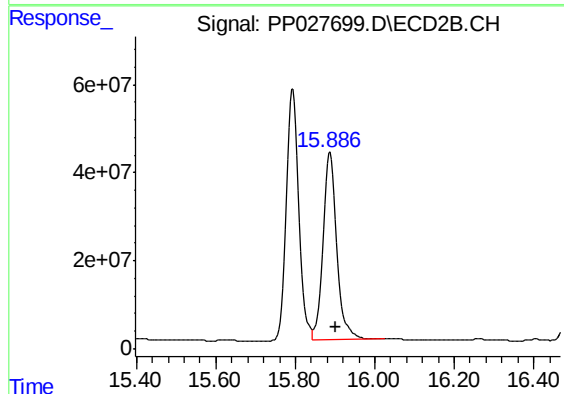
#11 2,4,5-TP (SILVEX)

R.T.: 15.248 min  
Delta R.T.: -0.008 min  
Response: 1472331186  
Conc: 598.92 ng/ml



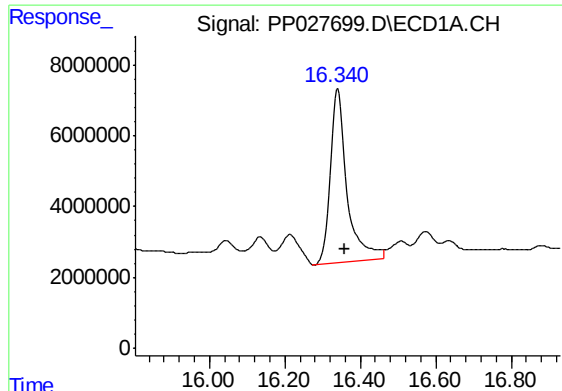
#12 2,4,5-T

R.T.: 15.579 min  
Delta R.T.: -0.012 min  
Response: 1406123168  
Conc: 637.13 ng/ml



#12 2,4,5-T

R.T.: 15.888 min  
Delta R.T.: -0.014 min  
Response: 1045483001  
Conc: 636.23 ng/ml



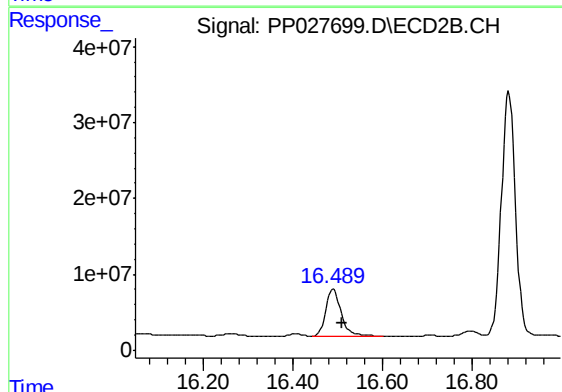
#13 2,4-DB

R.T.: 16.341 min  
Delta R.T.: -0.018 min  
Response: 147305038  
Conc: 912.70 ng/ml

Instrument :  
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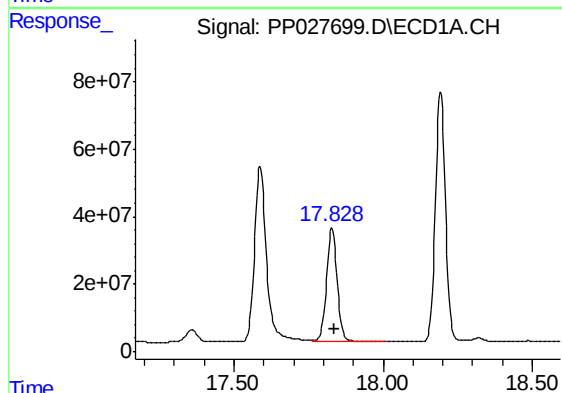
Manual Integrations  
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10/17/2018 5:34:26 PM



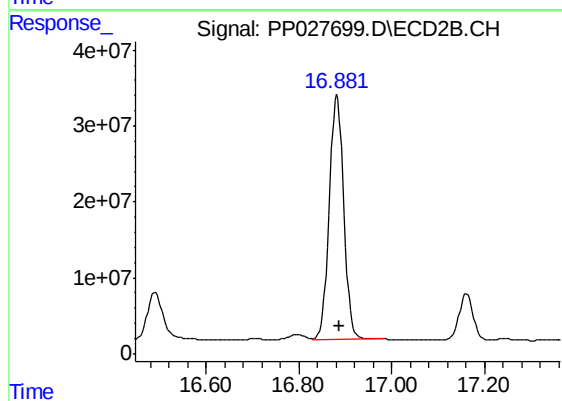
#13 2,4-DB

R.T.: 16.490 min  
Delta R.T.: -0.020 min  
Response: 146958545  
Conc: 744.04 ng/ml



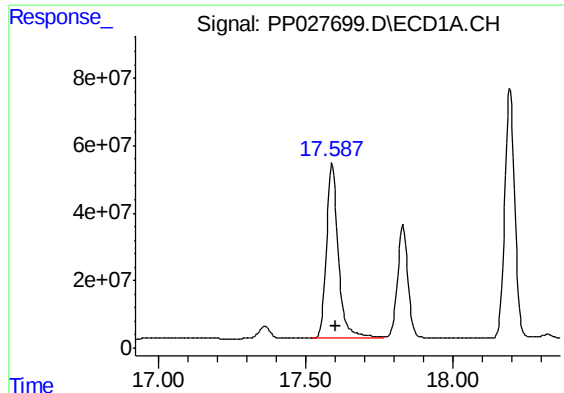
#14 DINOSEB

R.T.: 17.829 min  
Delta R.T.: -0.006 min  
Response: 843959701  
Conc: 429.19 ng/ml



#14 DINOSEB

R.T.: 16.882 min  
Delta R.T.: -0.004 min  
Response: 697269521  
Conc: 424.73 ng/ml



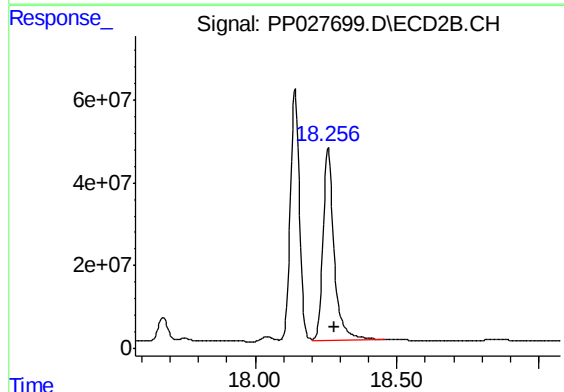
#15 Picloram

R.T.: 17.589 min  
Delta R.T.: -0.013 min  
Response: 1468550584  
Conc: 651.80 ng/ml

Instrument :  
ECD\_P  
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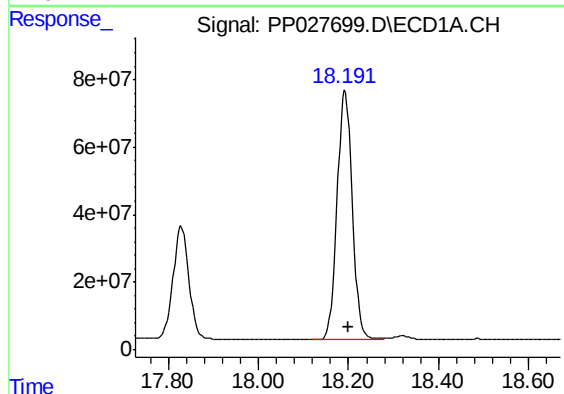
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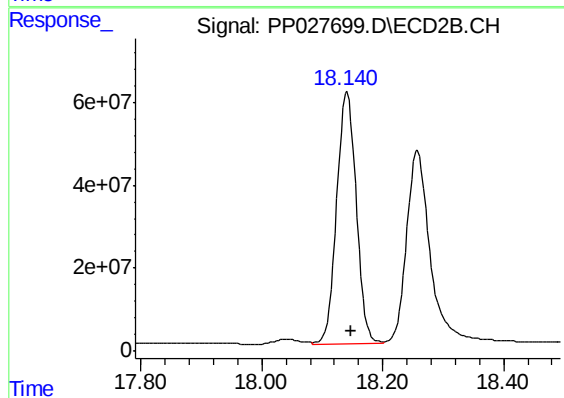
#15 Picloram

R.T.: 18.258 min  
Delta R.T.: -0.024 min  
Response: 1274118048  
Conc: 689.90 ng/ml



#16 DCPA

R.T.: 18.193 min  
Delta R.T.: -0.007 min  
Response: 1741974080  
Conc: 420.01 ng/ml



#16 DCPA

R.T.: 18.141 min  
Delta R.T.: -0.006 min  
Response: 1369757092  
Conc: 439.85 ng/ml