

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP011519\  
 Data File : PP028866.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Jan 2019 5:14  
 Operator : EI\MA  
 Sample : IDOC SOIL 2  
 Misc : hexane  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 IDOC SOIL 2

Manual Integrations  
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 1/16/2019 1:35:35 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 16 05:49:26 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP010319.M  
 Quant Title : 8080.M  
 QLast Update : Fri Jan 04 01:40:06 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     | 12.139 | 12.250 | 126.2E6  | 203.9E6  | 490.662  | 467.108  |
| Target Compounds            |              |        |        |          |          |          |          |
| 1) T                        | Dalapon      | 3.362  | 3.032  | 216.7E6  | 228.3E6  | 354.365m | 390.454  |
| 2) T                        | 3,5-DICHL... | 10.551 | 10.339 | 234.1E6  | 261.8E6  | 468.465  | 508.103  |
| 3) T                        | 4-Nitroph... | 11.718 | 11.395 | 180.8E6  | 102.6E6  | 457.079  | 521.652  |
| 5) T                        | DICAMBA      | 12.462 | 12.559 | 700.0E6  | 813.8E6  | 447.120  | 471.227m |
| 6) T                        | MCPD         | 12.803 | 12.750 | 34047609 | 49023709 | 67.349m  | 53.004   |
| 7) T                        | MCPA         | 13.044 | 13.138 | 38477561 | 72379622 | 48.482m  | 49.457   |
| 8) T                        | DICHLORPROP  | 13.660 | 13.675 | 151.3E6  | 217.3E6  | 467.782  | 500.393  |
| 9) T                        | 2,4-D        | 14.010 | 14.163 | 185.3E6  | 282.9E6  | 603.847  | 580.006  |
| 10) T                       | Pentachlo... | 14.432 | 14.778 | 3908.3E6 | 3423.3E6 | 497.789  | 526.489  |
| 11) T                       | 2,4,5-TP ... | 15.292 | 15.346 | 1401.7E6 | 1280.6E6 | 493.215  | 518.435  |
| 12) T                       | 2,4,5-T      | 15.684 | 15.992 | 1231.8E6 | 889.0E6  | 488.417  | 409.803  |
| 13) T                       | 2,4-DB       | 16.448 | 16.589 | 120.9E6  | 139.8E6  | 674.519  | 580.781  |
| 14) T                       | DINOSEB      | 17.938 | 16.981 | 965.5E6  | 845.1E6  | 441.156  | 481.583m |
| 15) T                       | Picloram     | 17.706 | 18.367 | 1716.4E6 | 1593.7E6 | 409.149  | 419.018  |
| 16) T                       | DCPA         | 18.301 | 18.244 | 1356.8E6 | 1231.1E6 | 328.619  | 376.949  |
| -----                       |              |        |        |          |          |          |          |

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

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Data File : PP028866.D  
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Acq On : 16 Jan 2019 5:14  
Operator : EI\MA  
Sample : IDOC SOIL 2  
Misc : hexane  
ALS Vial : 29 Sample Multiplier: 1

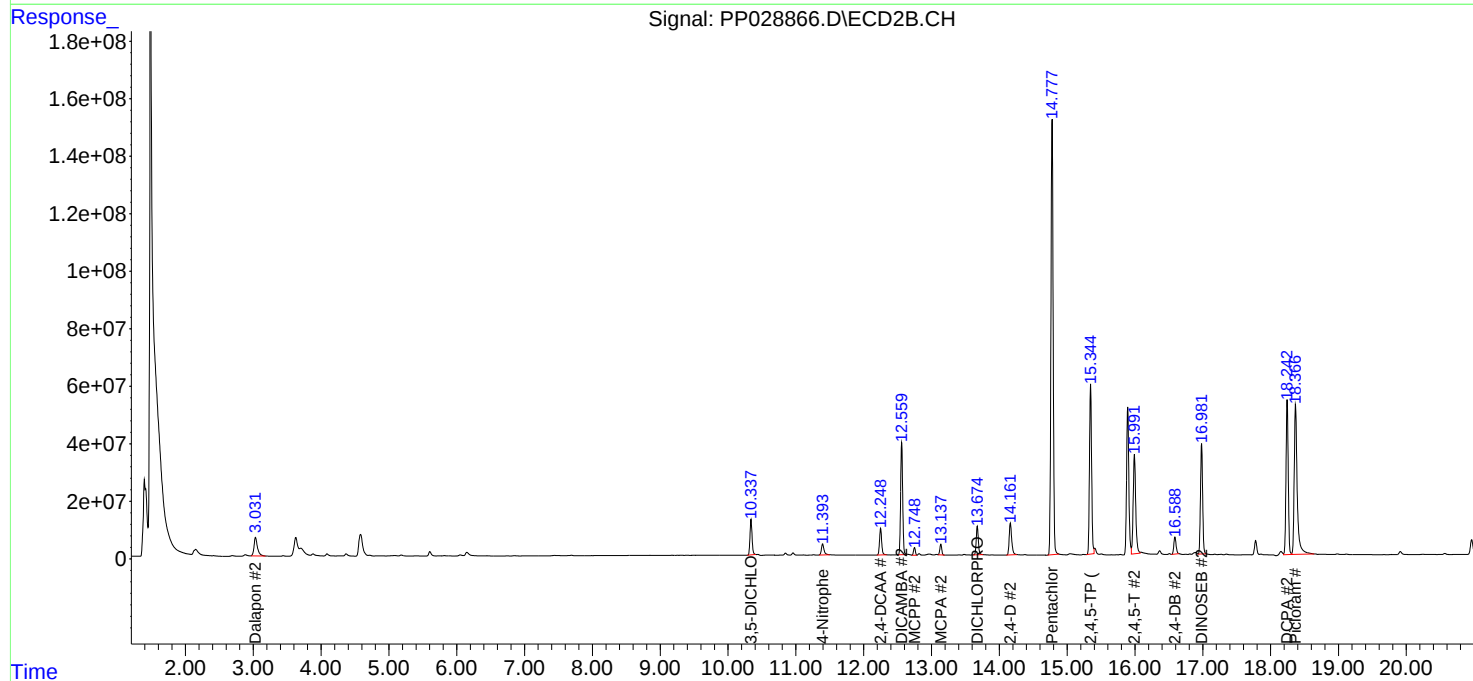
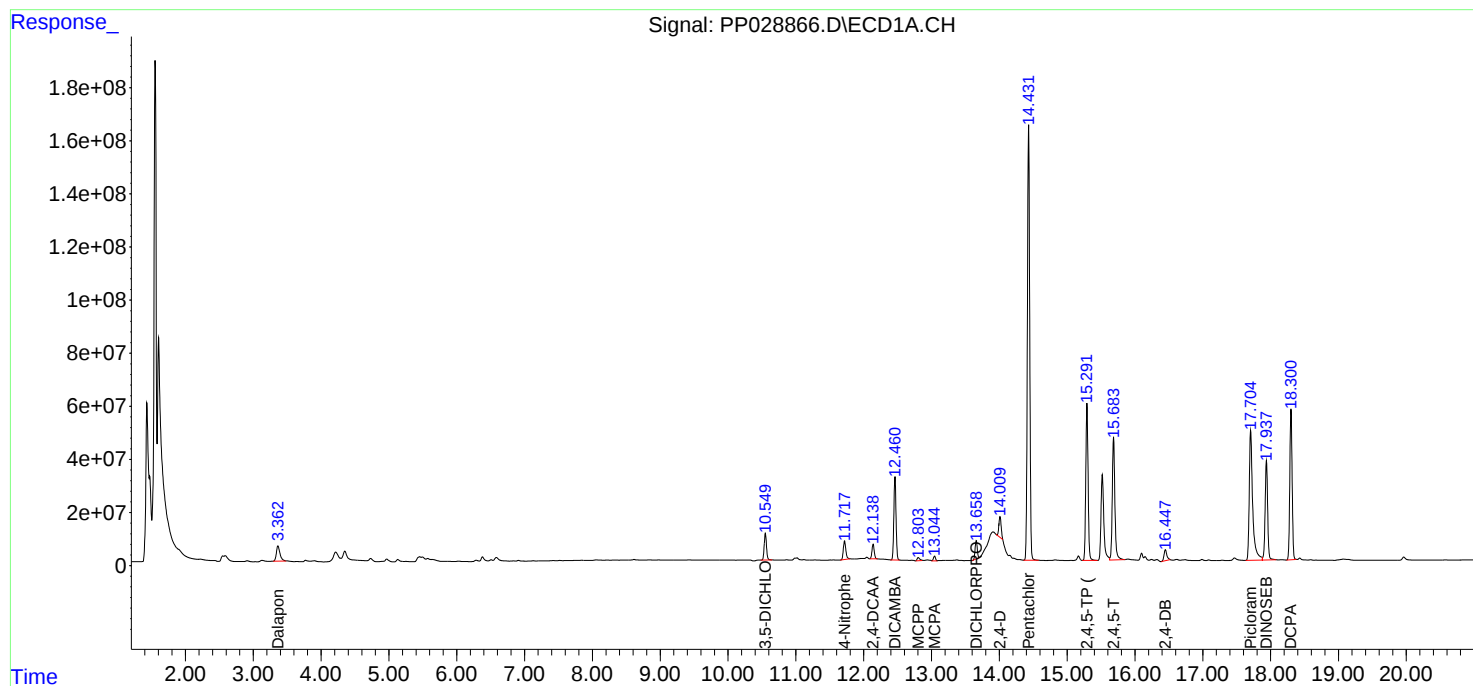
Instrument :  
ECD\_P  
ClientSampled :  
IDOC SOIL 2

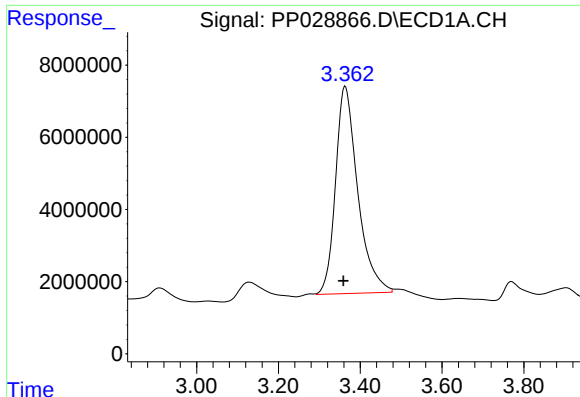
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 16 05:49:26 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP010319.M  
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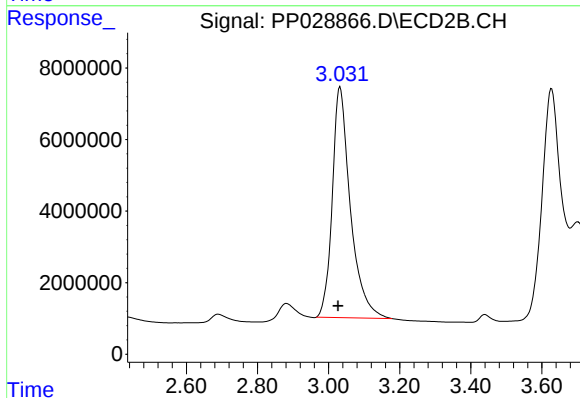
#1 Dalapon

R.T.: 3.362 min  
Delta R.T.: 0.003 min  
Response: 216700194  
Conc: 354.37 ng/ml m

Instrument :  
ECD\_P  
ClientSampleId :  
IDOC SOIL 2

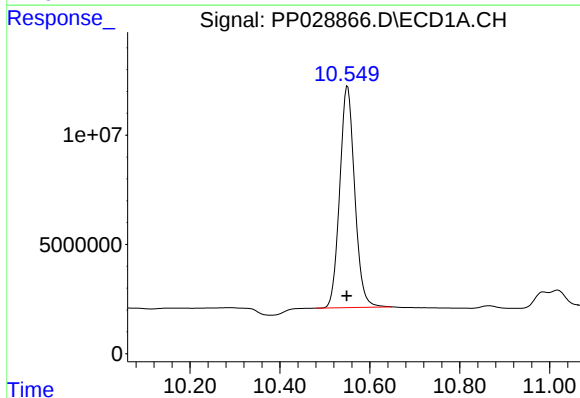
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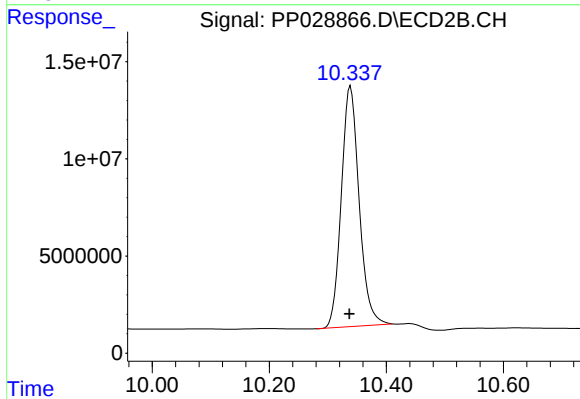
#1 Dalapon

R.T.: 3.032 min  
Delta R.T.: 0.006 min  
Response: 228254671  
Conc: 390.45 ng/ml



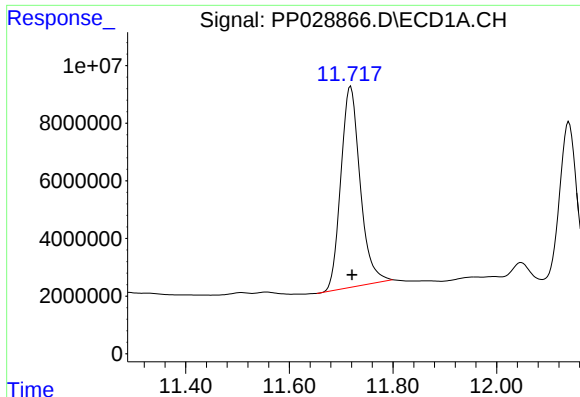
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.551 min  
Delta R.T.: 0.002 min  
Response: 234107022  
Conc: 468.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.339 min  
Delta R.T.: 0.002 min  
Response: 261818121  
Conc: 508.10 ng/ml



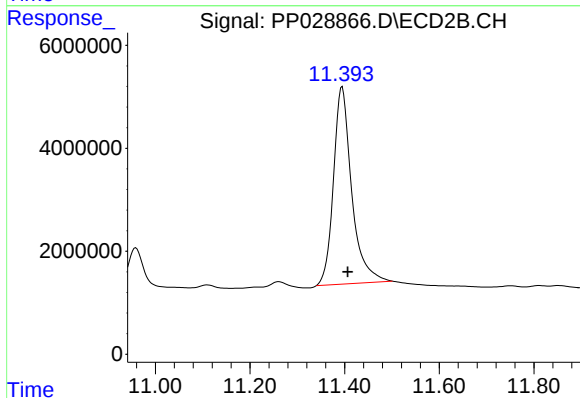
#3 4-Nitrophenol

R.T.: 11.718 min  
Delta R.T.: -0.002 min  
Response: 180771657  
Conc: 457.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
IDOC SOIL 2

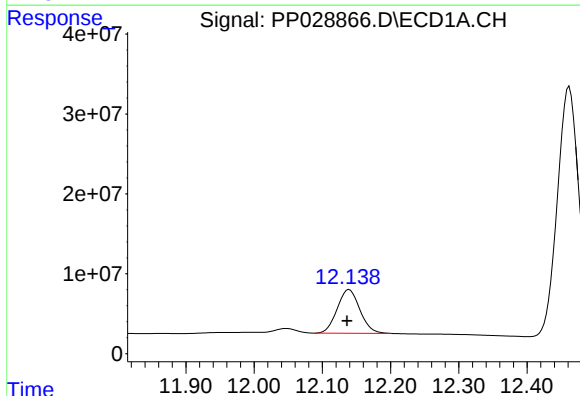
Manual Integrations  
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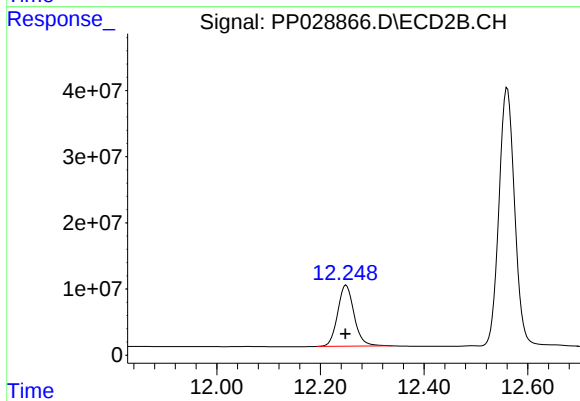
#3 4-Nitrophenol

R.T.: 11.395 min  
Delta R.T.: -0.012 min  
Response: 102600612  
Conc: 521.65 ng/ml



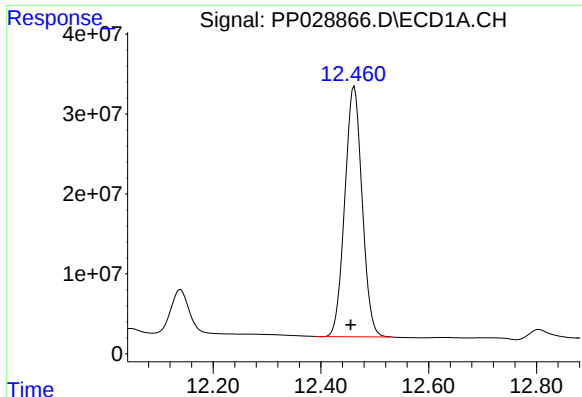
#4 2,4-DCAA

R.T.: 12.139 min  
Delta R.T.: 0.003 min  
Response: 126151629  
Conc: 490.66 ng/ml



#4 2,4-DCAA

R.T.: 12.250 min  
Delta R.T.: 0.001 min  
Response: 203930281  
Conc: 467.11 ng/ml



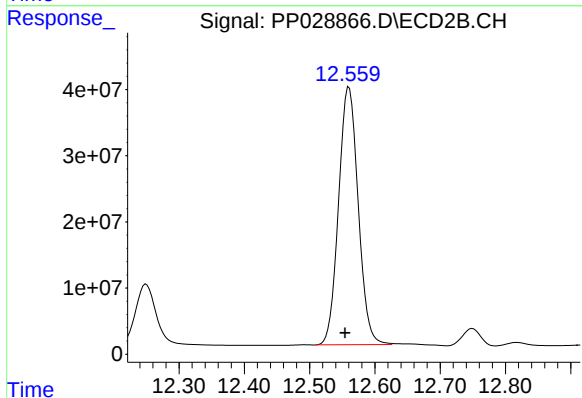
#5 DICAMBA

R.T.: 12.462 min  
Delta R.T.: 0.006 min  
Response: 699976637  
Conc: 447.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
IDOC SOIL 2

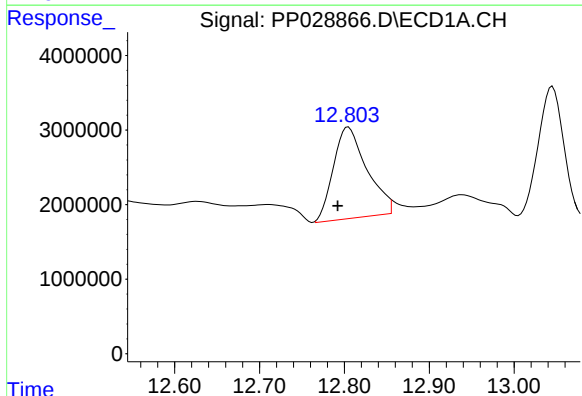
Manual Integrations  
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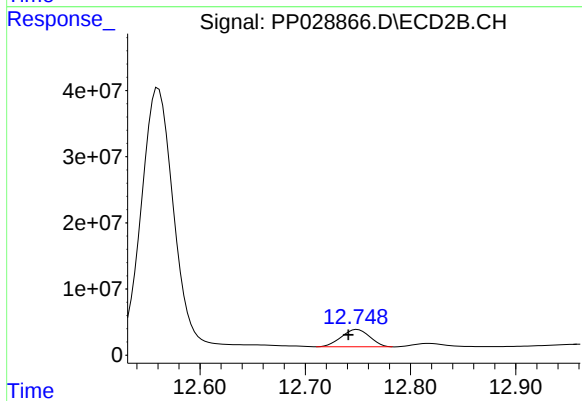
#5 DICAMBA

R.T.: 12.559 min  
Delta R.T.: 0.004 min  
Response: 813817067  
Conc: 471.23 ng/ml m



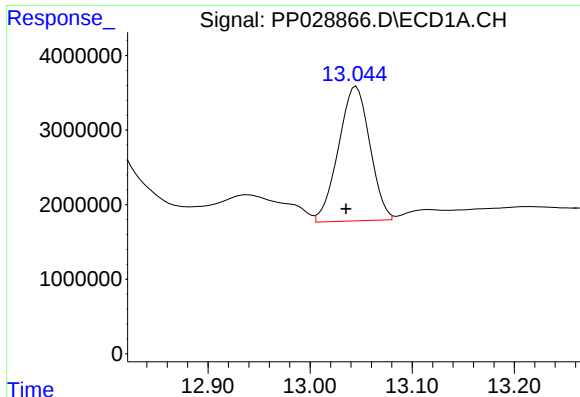
#6 MCP

R.T.: 12.803 min  
Delta R.T.: 0.011 min  
Response: 34047609  
Conc: 67.35 ug/ml m



#6 MCP

R.T.: 12.750 min  
Delta R.T.: 0.009 min  
Response: 49023709  
Conc: 53.00 ug/ml



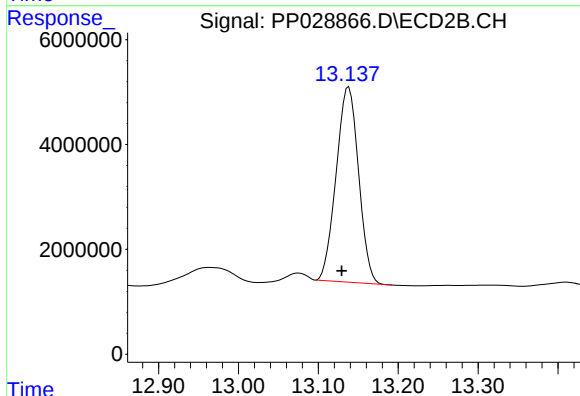
#7 MCPA

R.T.: 13.044 min  
Delta R.T.: 0.008 min  
Response: 38477561  
Conc: 48.48 ug/ml m

Instrument :  
ECD\_P  
ClientSampleId :  
IDOC SOIL 2

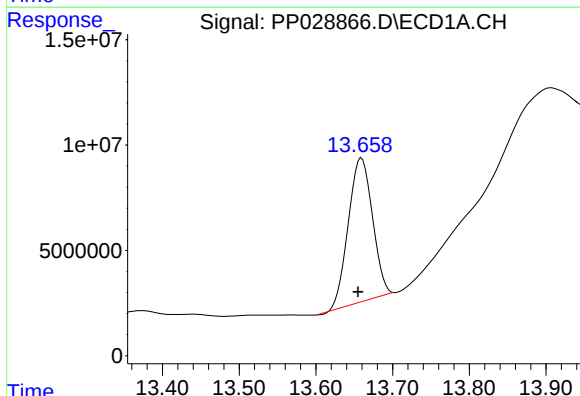
Manual Integrations  
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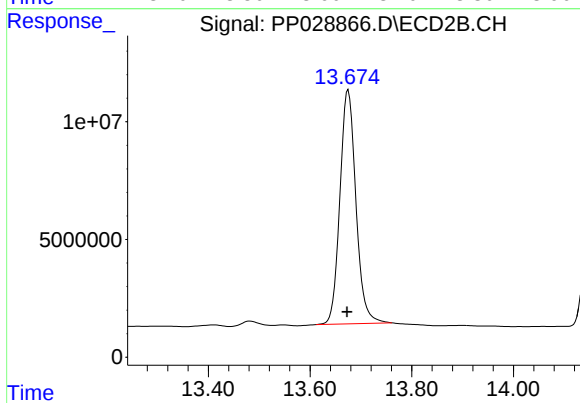
#7 MCPA

R.T.: 13.138 min  
Delta R.T.: 0.009 min  
Response: 72379622  
Conc: 49.46 ug/ml



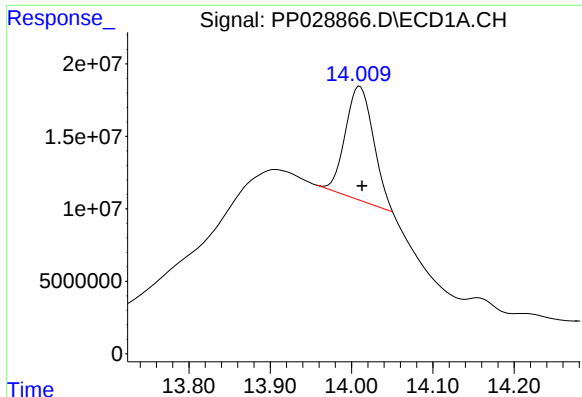
#8 DICHLORPROP

R.T.: 13.660 min  
Delta R.T.: 0.005 min  
Response: 151332261  
Conc: 467.78 ng/ml



#8 DICHLORPROP

R.T.: 13.675 min  
Delta R.T.: 0.002 min  
Response: 217298851  
Conc: 500.39 ng/ml



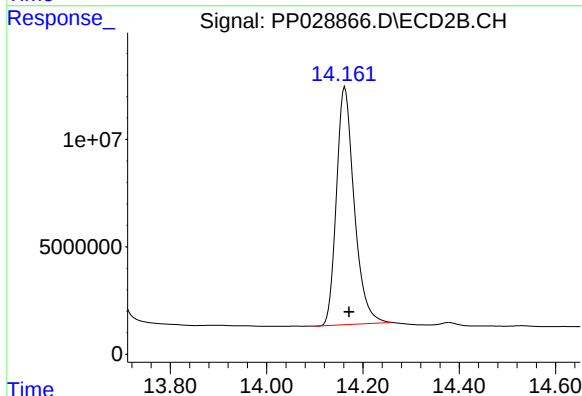
#9 2,4-D

R.T.: 14.010 min  
Delta R.T.: -0.003 min  
Response: 185345370  
Conc: 603.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
IDOC SOIL 2

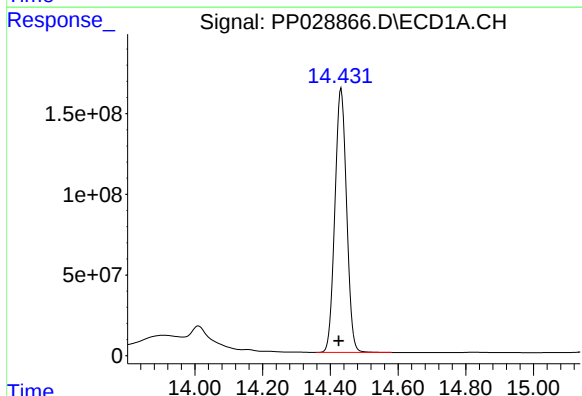
Manual Integrations  
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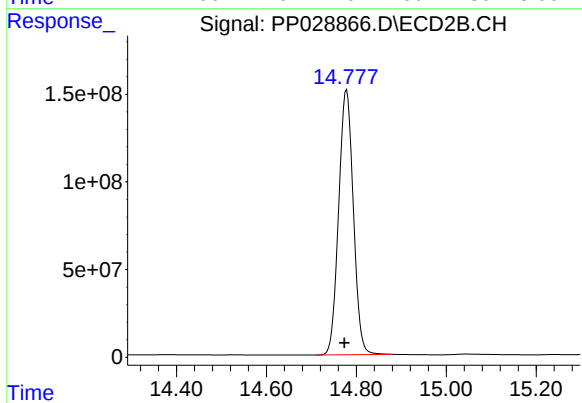
#9 2,4-D

R.T.: 14.163 min  
Delta R.T.: -0.008 min  
Response: 282913671  
Conc: 580.01 ng/ml



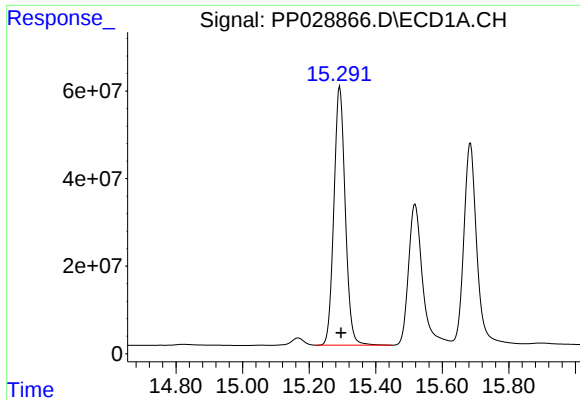
#10 Pentachlorophenol

R.T.: 14.432 min  
Delta R.T.: 0.007 min  
Response: 3908270530  
Conc: 497.79 ng/ml



#10 Pentachlorophenol

R.T.: 14.778 min  
Delta R.T.: 0.005 min  
Response: 3423252285  
Conc: 526.49 ng/ml



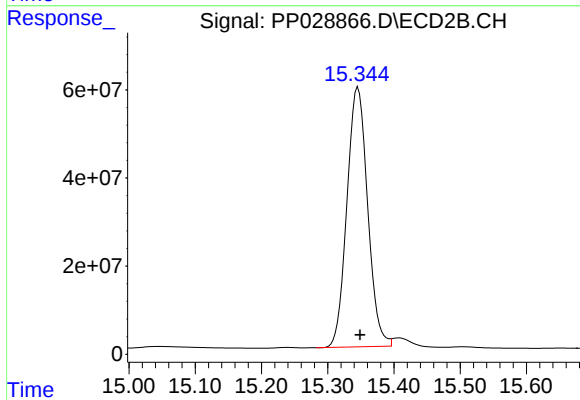
#11 2,4,5-TP (SILVEX)

R.T.: 15.292 min  
Delta R.T.: -0.004 min  
Response: 1401702712  
Conc: 493.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
IDOC SOIL 2

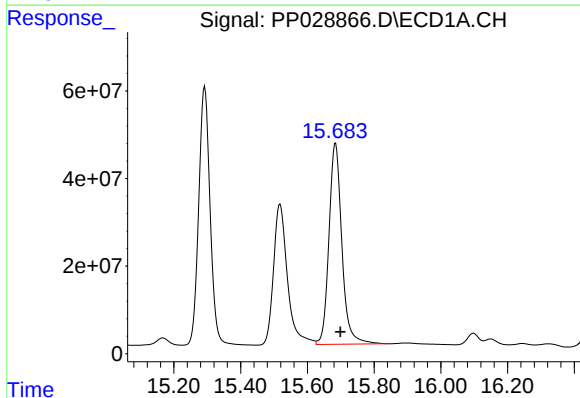
Manual Integrations  
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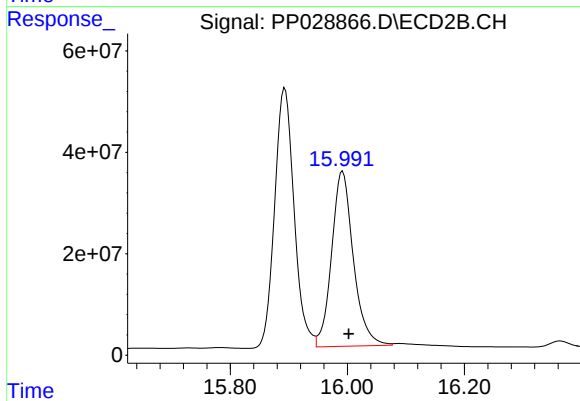
#11 2,4,5-TP (SILVEX)

R.T.: 15.346 min  
Delta R.T.: -0.003 min  
Response: 1280603341  
Conc: 518.44 ng/ml



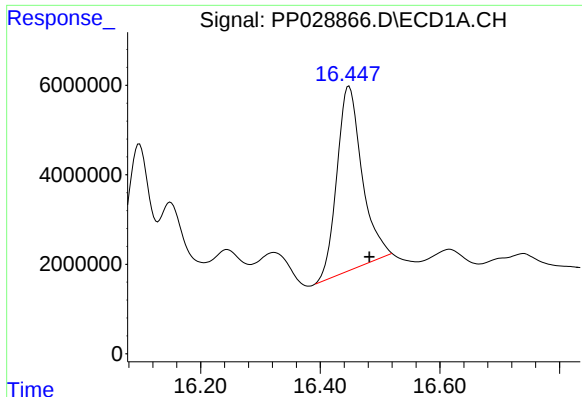
#12 2,4,5-T

R.T.: 15.684 min  
Delta R.T.: -0.015 min  
Response: 1231844650  
Conc: 488.42 ng/ml



#12 2,4,5-T

R.T.: 15.992 min  
Delta R.T.: -0.010 min  
Response: 888971683  
Conc: 409.80 ng/ml



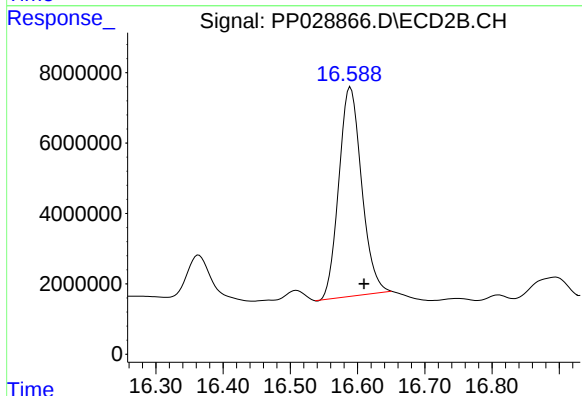
#13 2,4-DB

R.T.: 16.448 min  
Delta R.T.: -0.034 min  
Response: 120856934  
Conc: 674.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
IDOC SOIL 2

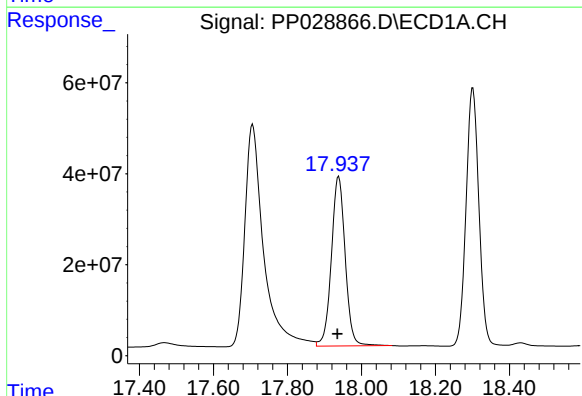
Manual Integrations  
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1/16/2019 1:35:35 PM



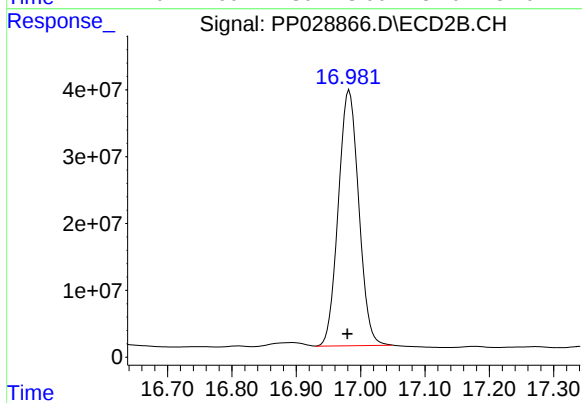
#13 2,4-DB

R.T.: 16.589 min  
Delta R.T.: -0.020 min  
Response: 139798846  
Conc: 580.78 ng/ml



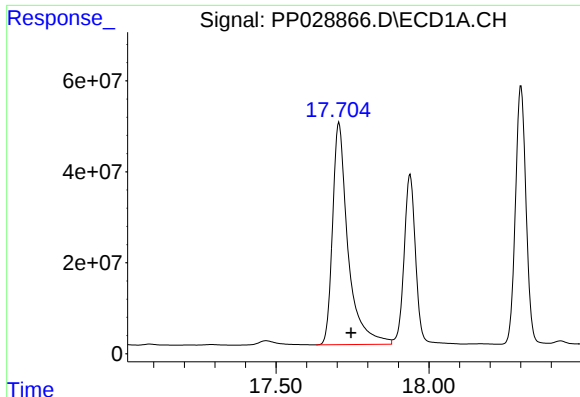
#14 DINOSEB

R.T.: 17.938 min  
Delta R.T.: 0.003 min  
Response: 965462913  
Conc: 441.16 ng/ml



#14 DINOSEB

R.T.: 16.981 min  
Delta R.T.: 0.002 min  
Response: 845112606  
Conc: 481.58 ng/ml m



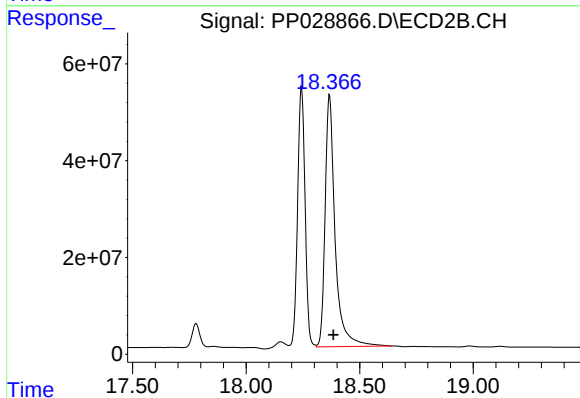
#15 Picloram

R.T.: 17.706 min  
Delta R.T.: -0.040 min  
Response: 1716441117  
Conc: 409.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
IDOC SOIL 2

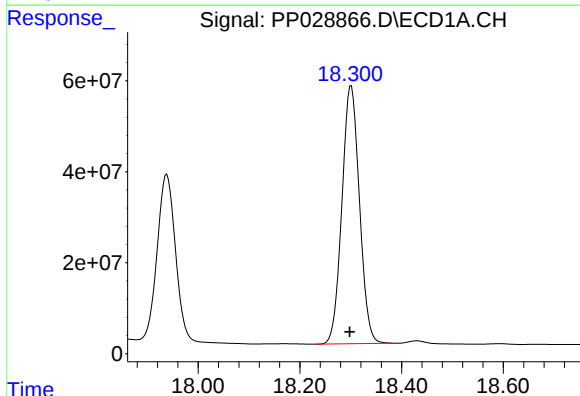
Manual Integrations  
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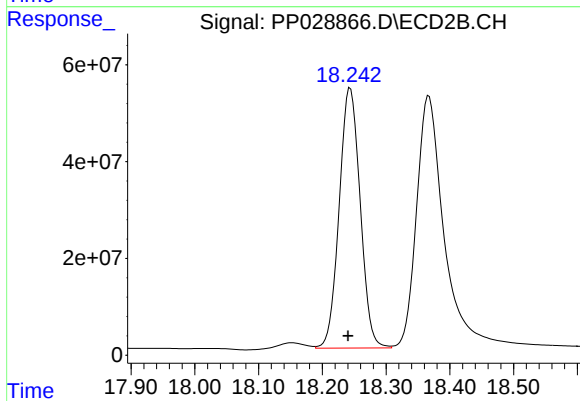
#15 Picloram

R.T.: 18.367 min  
Delta R.T.: -0.017 min  
Response: 1593737362  
Conc: 419.02 ng/ml



#16 DCPA

R.T.: 18.301 min  
Delta R.T.: 0.003 min  
Response: 1356769272  
Conc: 328.62 ng/ml



#16 DCPA

R.T.: 18.244 min  
Delta R.T.: 0.004 min  
Response: 1231064979  
Conc: 376.95 ng/ml