

Data Path : P:\HPCHEM1\ECD\_S\Data\PS020418\  
 Data File : PS000047.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Feb 2018 13:50  
 Operator : UA  
 Sample : HERB WATER MDL 6  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HERB WATER MDL 6

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 07:28:34 2018  
 Quant Method : P:\HPCHEM1\ECD\_S\Method\PS020118.M  
 Quant Title : 8080.M  
 QLast Update : Sat Feb 03 09:57:21 2018  
 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     | 11.861 | 11.213 | 96805692 | 74356056 | 316.078m | 261.659m  |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 3.199  | 2.512  | 17229163 | 173.8E6  | 43.884   | 532.641 # |
| 2) T                        | 3,5-DICHL... | 10.275 | 9.355  | 29785724 | 25706752 | 69.685m  | 66.221m   |
| 3) T                        | 4-Nitroph... | 11.460 | 10.361 | 6691856  | 6898481  | 33.643m  | 41.020m   |
| 5) T                        | DICAMBA      | 12.182 | 11.503 | 74919032 | 60399166 | 64.608m  | 54.828m   |
| 6) T                        | MCP          | 12.518 | 11.722 | 4537519  | 2978150  | 4.120m   | 3.371m    |
| 7) T                        | MCPA         | 12.768 | 12.099 | 12001362 | 9240050  | 5.729m   | 5.990m    |
| 8) T                        | DICHLORPROP  | 13.375 | 12.627 | 21969487 | 17978324 | 77.928m  | 68.074m   |
| 9) T                        | 2,4-D        | 13.734 | 13.099 | 26875588 | 25000753 | 75.608   | 77.510    |
| 10) T                       | Pentachlo... | 14.132 | 13.664 | 302.3E6  | 254.3E6  | 56.155   | 53.070    |
| 11) T                       | 2,4,5-TP ... | 14.998 | 14.272 | 97984367 | 83558676 | 61.023m  | 55.422    |
| 12) T                       | 2,4,5-T      | 15.396 | 14.804 | 88090297 | 72537857 | 59.601   | 54.478    |
| 13) T                       | 2,4-DB       | 16.150 | 15.494 | 14278033 | 13803228 | 71.834m  | 79.083m   |
| 14) T                       | DINOSEB      | 17.664 | 15.925 | 18736362 | 16903494 | 19.112m  | 18.751m   |
| 15) T                       | Picloram     | 17.420 | 17.172 | 93570352 | 67626573 | 52.106   | 40.187    |
| 16) T                       | DCPA         | 18.005 | 17.114 | 82295201 | 74631939 | 36.588   | 36.240m   |
| -----                       |              |        |        |          |          |          |           |

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

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Operator : UA  
Sample : HERB WATER MDL 6  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

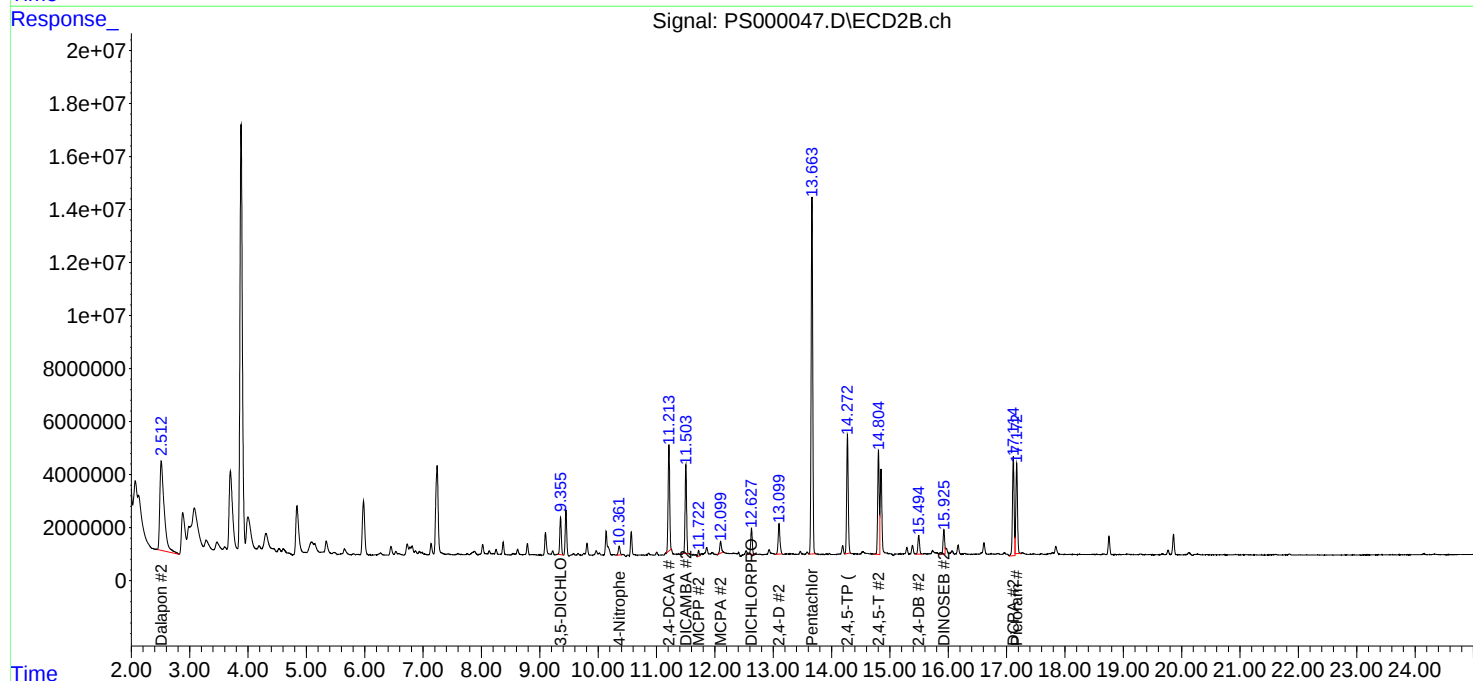
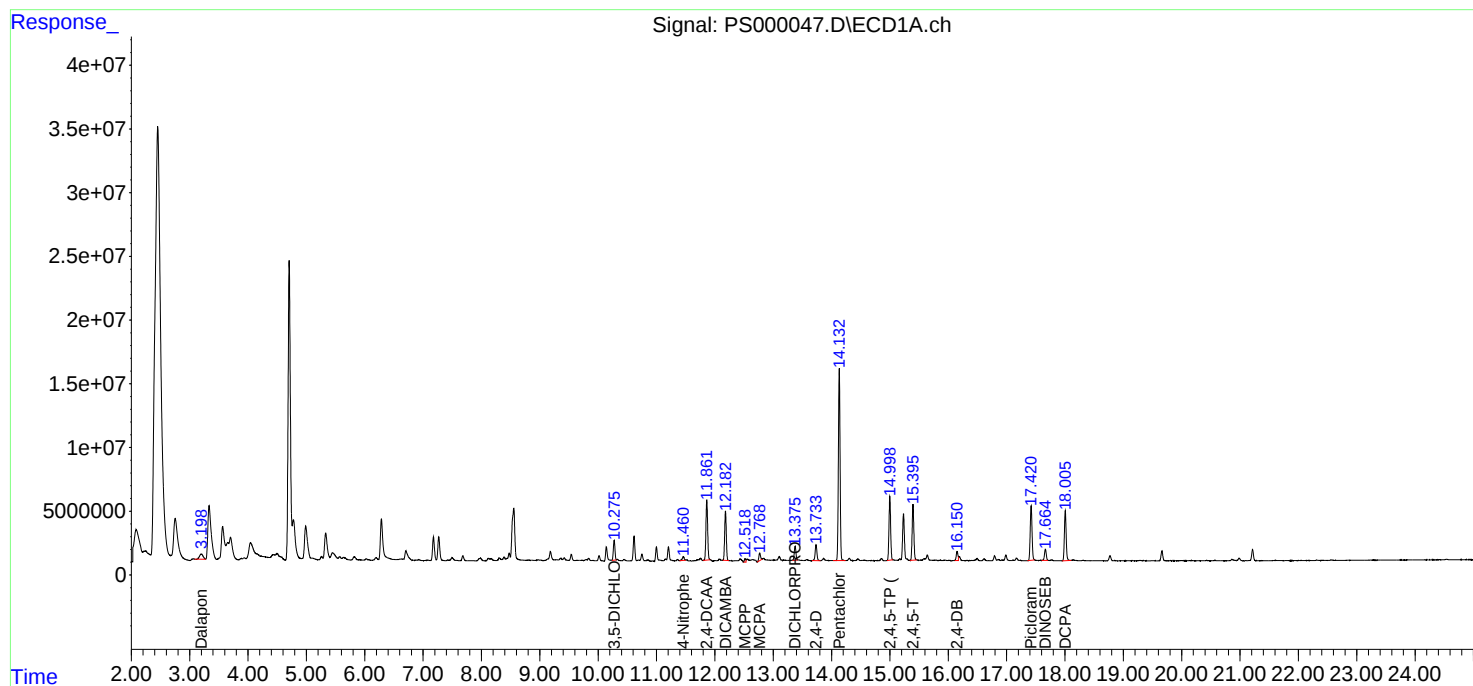
Instrument :  
ECD\_S  
ClientSampleId :  
HERB WATER MDL 6

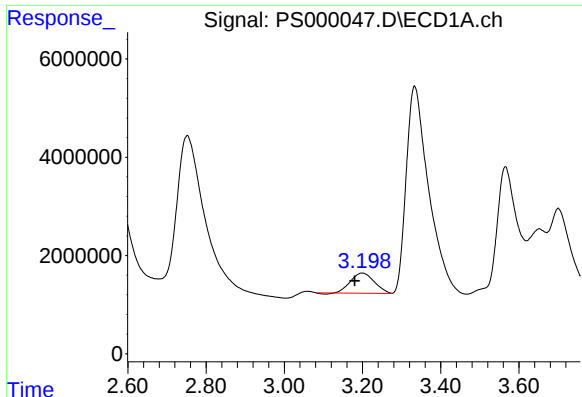
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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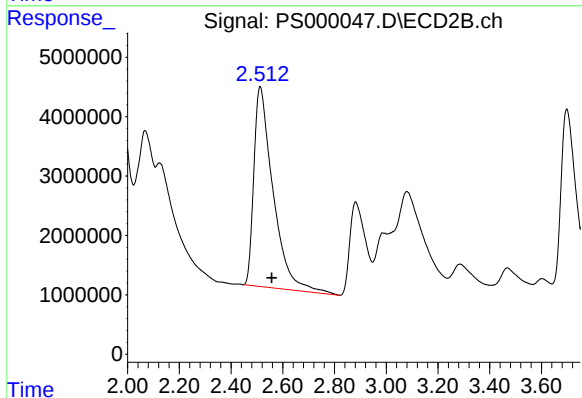
#1 Dalapon

R.T.: 3.199 min  
Delta R.T.: 0.019 min  
Response: 17229163  
Conc: 43.88 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HERB WATER MDL 6

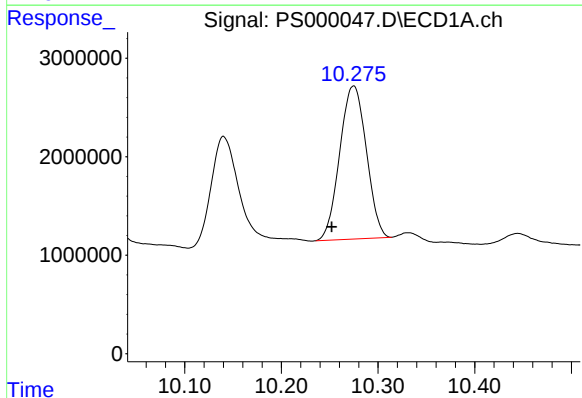
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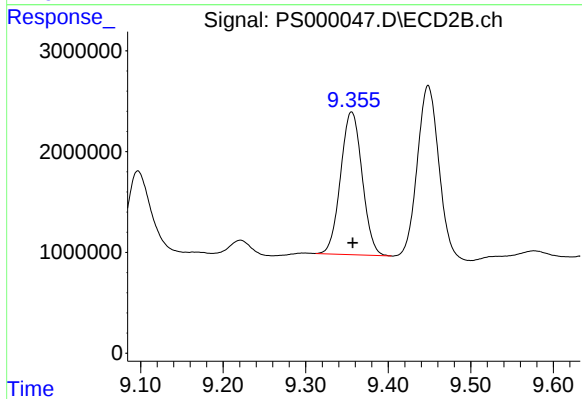
#1 Dalapon

R.T.: 2.512 min  
Delta R.T.: -0.045 min  
Response: 173756193  
Conc: 532.64 ng/ml



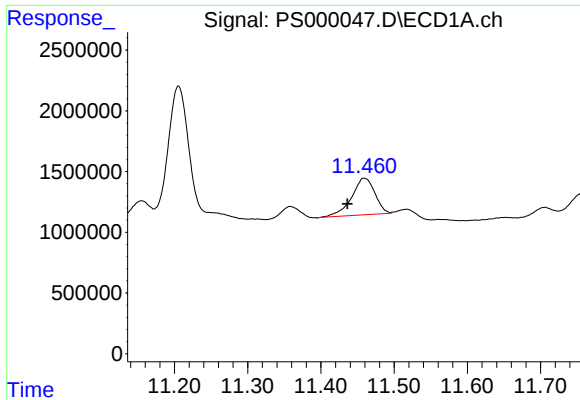
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.275 min  
Delta R.T.: 0.023 min  
Response: 29785724  
Conc: 69.68 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.355 min  
Delta R.T.: -0.002 min  
Response: 25706752  
Conc: 66.22 ng/ml m



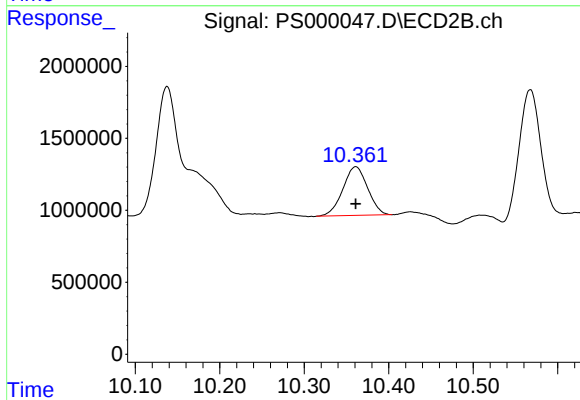
#3 4-Nitrophenol

R.T.: 11.460 min  
Delta R.T.: 0.024 min  
Response: 6691856  
Conc: 33.64 ng/ml m

Instrument :  
ECD\_S  
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HERB WATER MDL 6

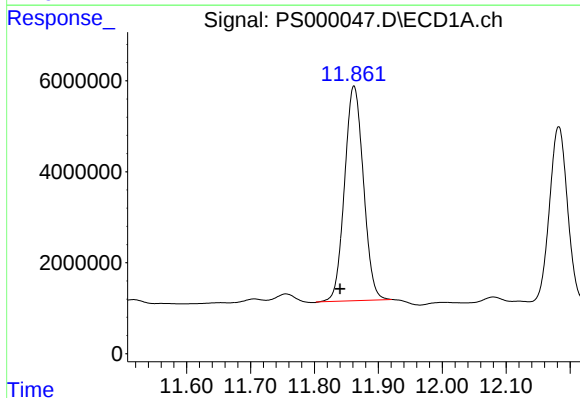
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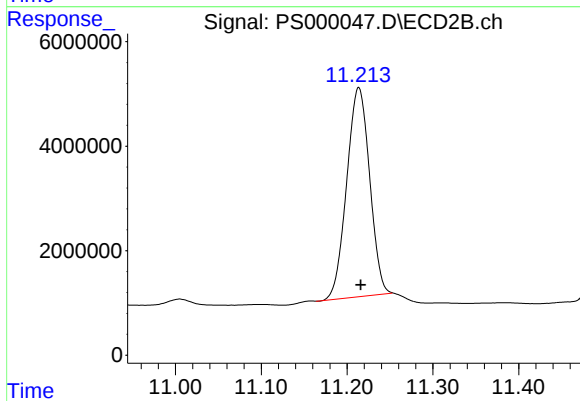
#3 4-Nitrophenol

R.T.: 10.361 min  
Delta R.T.: 0.000 min  
Response: 6898481  
Conc: 41.02 ng/ml m



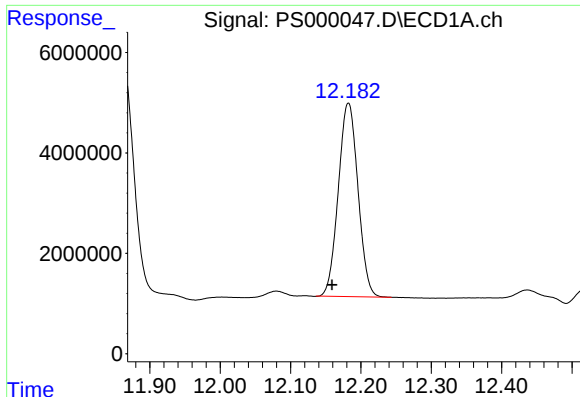
#4 2,4-DCAA

R.T.: 11.861 min  
Delta R.T.: 0.021 min  
Response: 96805692  
Conc: 316.08 ng/ml m



#4 2,4-DCAA

R.T.: 11.213 min  
Delta R.T.: -0.003 min  
Response: 74356056  
Conc: 261.66 ng/ml m



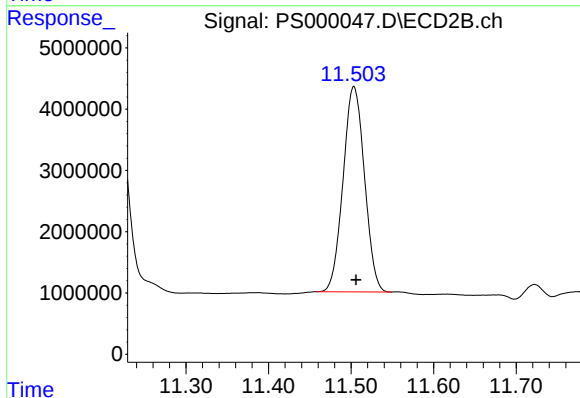
#5 DICAMBA

R.T.: 12.182 min  
Delta R.T.: 0.023 min  
Response: 74919032  
Conc: 64.61 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
HERB WATER MDL 6

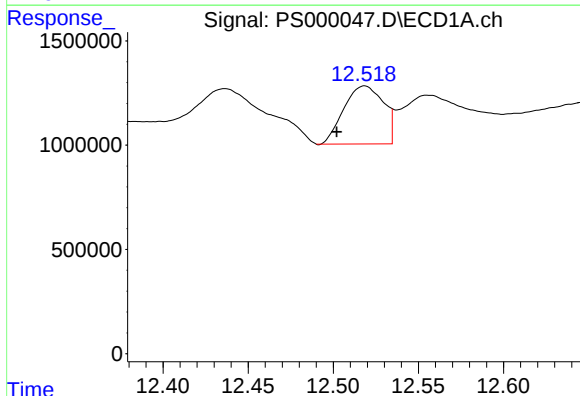
Manual Integrations  
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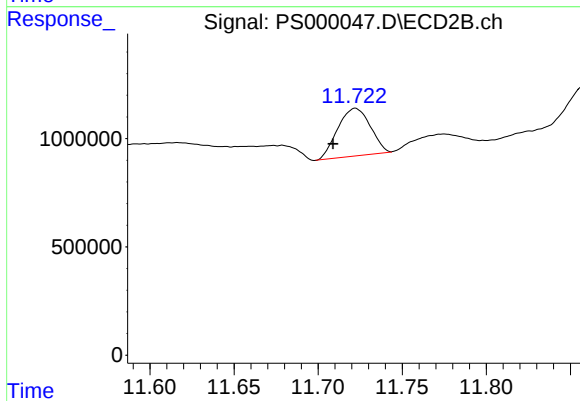
#5 DICAMBA

R.T.: 11.503 min  
Delta R.T.: -0.003 min  
Response: 60399166  
Conc: 54.83 ng/ml m



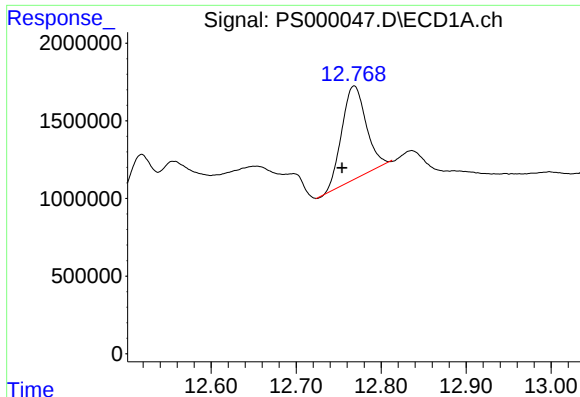
#6 MCP

R.T.: 12.518 min  
Delta R.T.: 0.016 min  
Response: 4537519  
Conc: 4.12 ug/ml m



#6 MCP

R.T.: 11.722 min  
Delta R.T.: 0.013 min  
Response: 2978150  
Conc: 3.37 ug/ml m



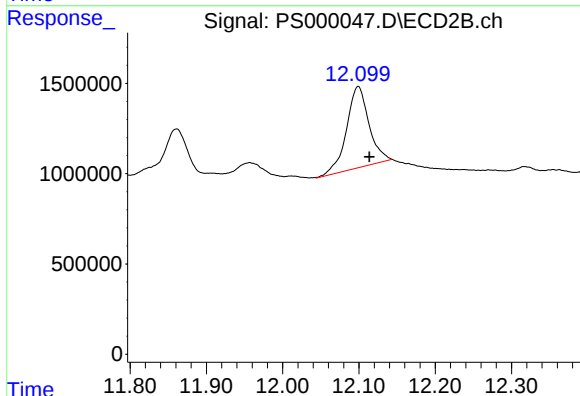
#7 MCPA

R.T.: 12.768 min  
Delta R.T.: 0.014 min  
Response: 12001362  
Conc: 5.73 ug/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
HERB WATER MDL 6

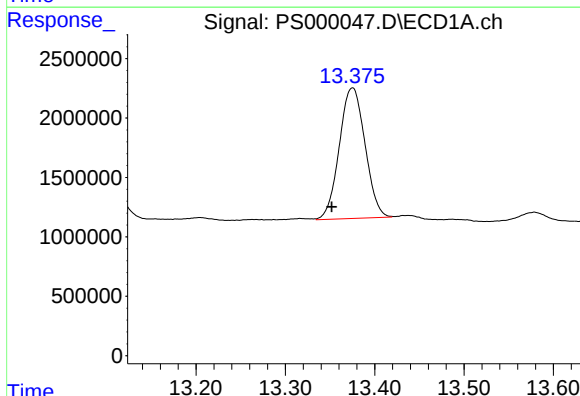
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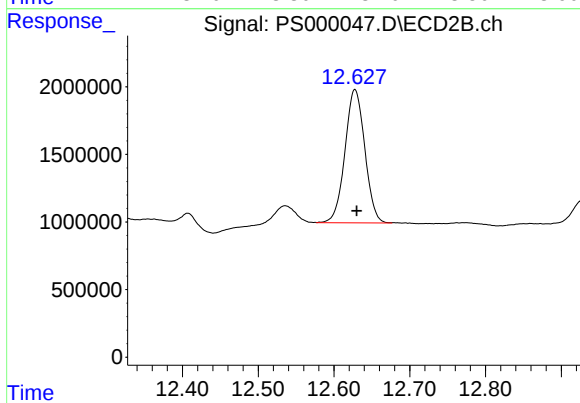
#7 MCPA

R.T.: 12.099 min  
Delta R.T.: -0.015 min  
Response: 9240050  
Conc: 5.99 ug/ml m



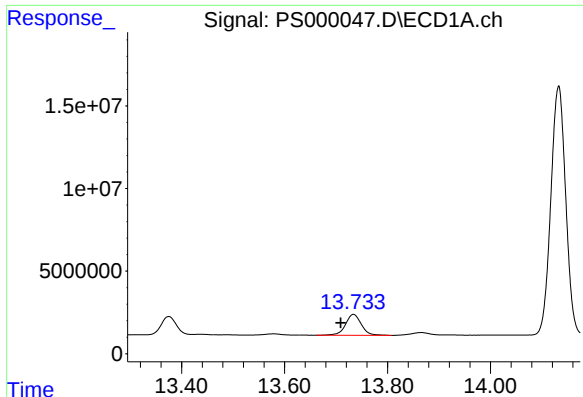
#8 DICHLORPROP

R.T.: 13.375 min  
Delta R.T.: 0.023 min  
Response: 21969487  
Conc: 77.93 ng/ml m



#8 DICHLORPROP

R.T.: 12.627 min  
Delta R.T.: -0.003 min  
Response: 17978324  
Conc: 68.07 ng/ml m



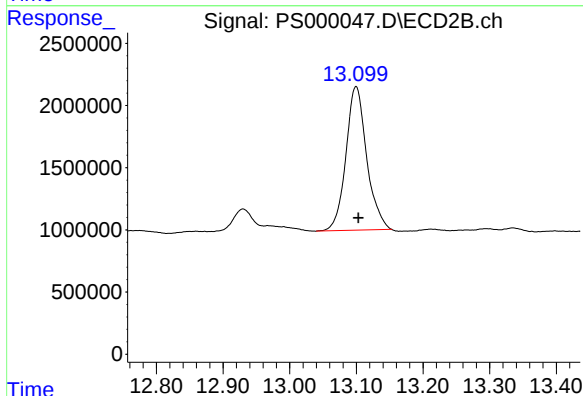
#9 2,4-D

R.T.: 13.734 min  
Delta R.T.: 0.025 min  
Response: 26875588  
Conc: 75.61 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HERB WATER MDL 6

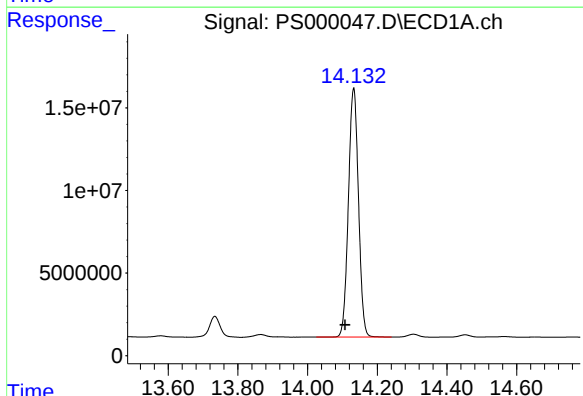
Manual Integrations  
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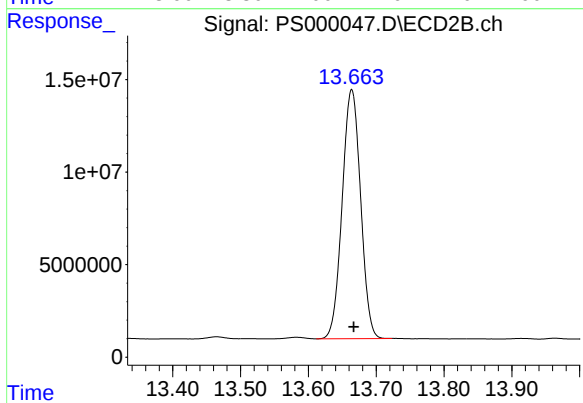
#9 2,4-D

R.T.: 13.099 min  
Delta R.T.: -0.004 min  
Response: 25000753  
Conc: 77.51 ng/ml



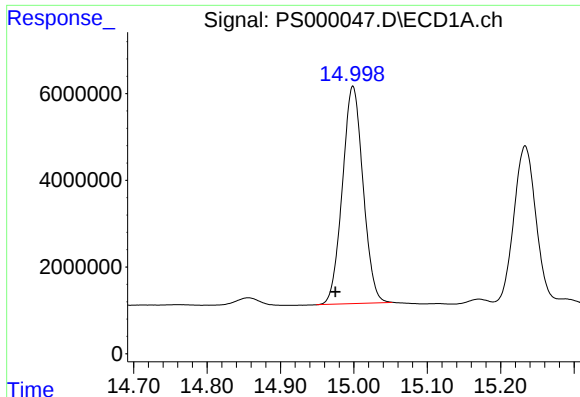
#10 Pentachlorophenol

R.T.: 14.132 min  
Delta R.T.: 0.024 min  
Response: 302312372  
Conc: 56.15 ng/ml



#10 Pentachlorophenol

R.T.: 13.664 min  
Delta R.T.: -0.003 min  
Response: 254264353  
Conc: 53.07 ng/ml



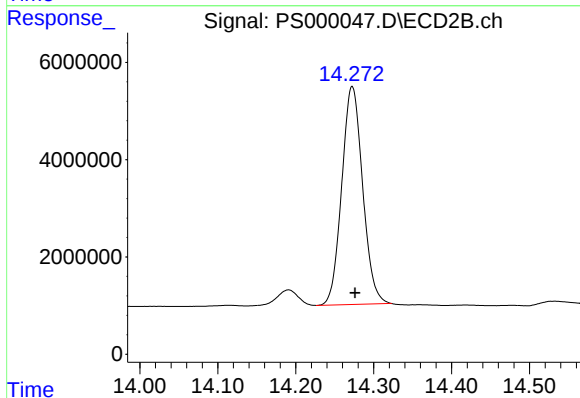
#11 2,4,5-TP (SILVEX)

R.T.: 14.998 min  
Delta R.T.: 0.023 min  
Response: 97984367  
Conc: 61.02 ng/ml m

Instrument :  
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ClientSampleId :  
HERB WATER MDL 6

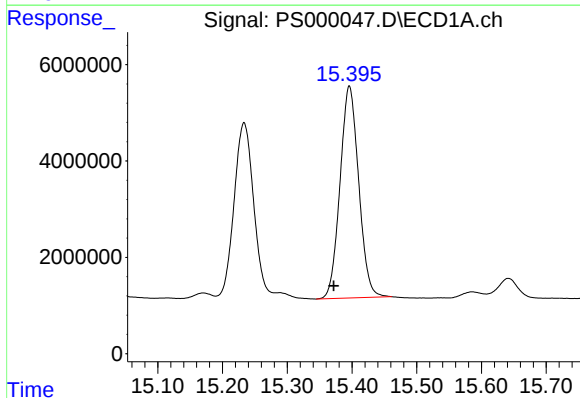
Manual Integrations  
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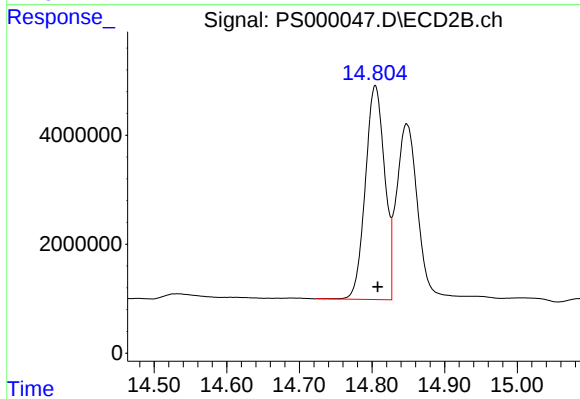
#11 2,4,5-TP (SILVEX)

R.T.: 14.272 min  
Delta R.T.: -0.004 min  
Response: 83558676  
Conc: 55.42 ng/ml



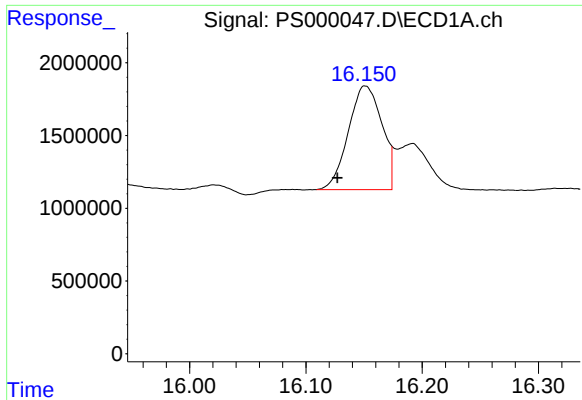
#12 2,4,5-T

R.T.: 15.396 min  
Delta R.T.: 0.024 min  
Response: 88090297  
Conc: 59.60 ng/ml



#12 2,4,5-T

R.T.: 14.804 min  
Delta R.T.: -0.004 min  
Response: 72537857  
Conc: 54.48 ng/ml



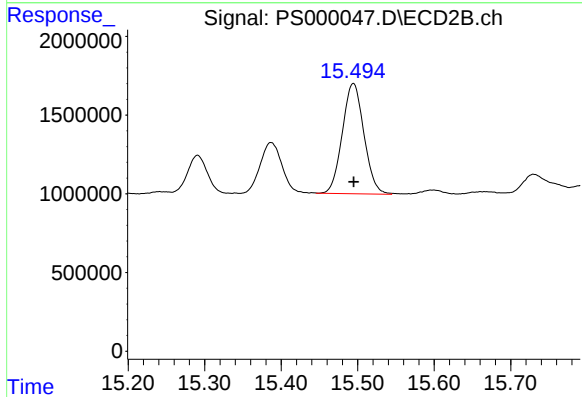
#13 2,4-DB

R.T.: 16.150 min  
Delta R.T.: 0.023 min  
Response: 14278033  
Conc: 71.83 ng/ml m

Instrument :  
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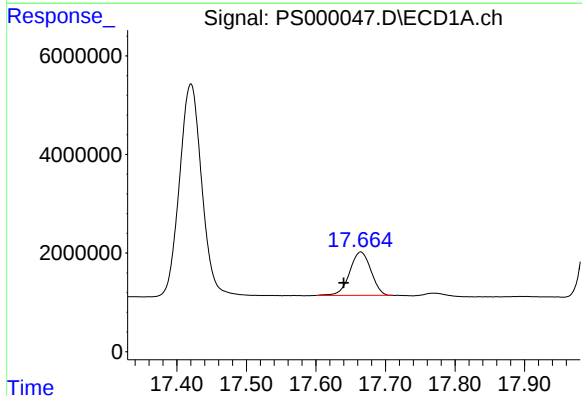
Manual Integrations  
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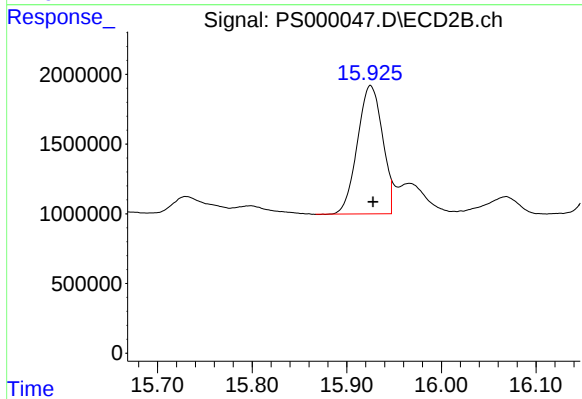
#13 2,4-DB

R.T.: 15.494 min  
Delta R.T.: -0.001 min  
Response: 13803228  
Conc: 79.08 ng/ml m



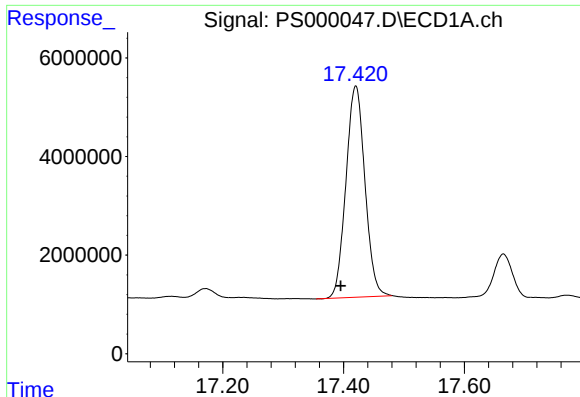
#14 DINOSEB

R.T.: 17.664 min  
Delta R.T.: 0.024 min  
Response: 18736362  
Conc: 19.11 ng/ml m



#14 DINOSEB

R.T.: 15.925 min  
Delta R.T.: -0.003 min  
Response: 16903494  
Conc: 18.75 ng/ml m



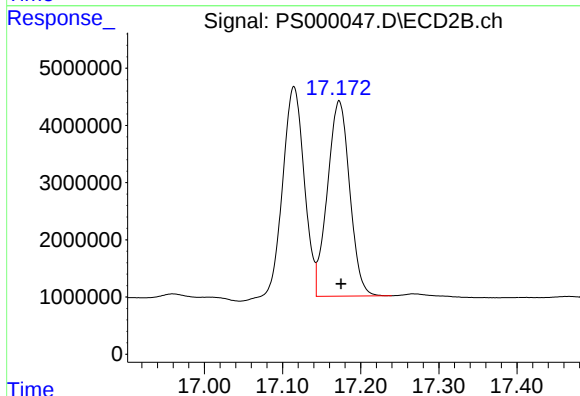
#15 Picloram

R.T.: 17.420 min  
Delta R.T.: 0.025 min  
Response: 93570352  
Conc: 52.11 ng/ml

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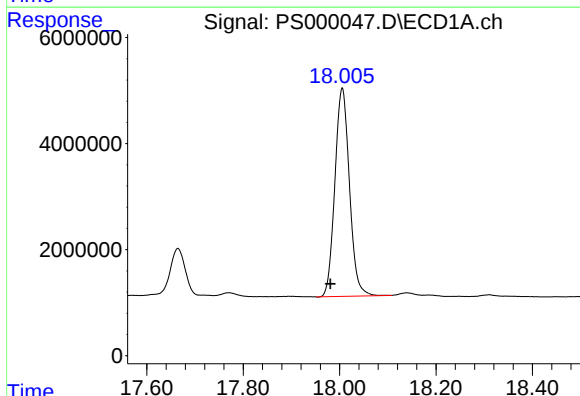
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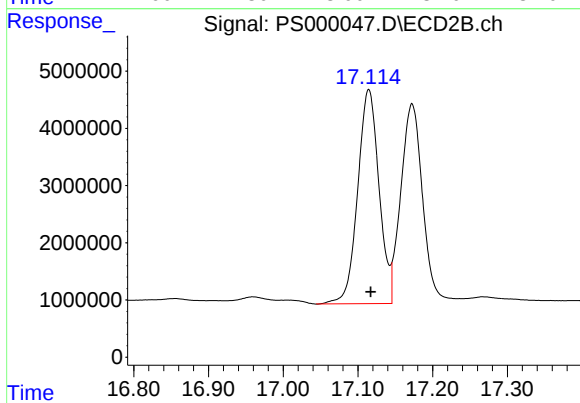
#15 Picloram

R.T.: 17.172 min  
Delta R.T.: -0.003 min  
Response: 67626573  
Conc: 40.19 ng/ml



#16 DCPA

R.T.: 18.005 min  
Delta R.T.: 0.024 min  
Response: 82295201  
Conc: 36.59 ng/ml



#16 DCPA

R.T.: 17.114 min  
Delta R.T.: -0.003 min  
Response: 74631939  
Conc: 36.24 ng/ml m