

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS032619\  
 Data File : PS003774.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Mar 2019 06:46  
 Operator : EI\SJ  
 Sample : MDL-HERB-S-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 MDL-HERB-S-02

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 27 08:04:19 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS032619.M  
 Quant Title : 8080.M  
 QLast Update : Wed Mar 27 05:52:44 2019  
 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     | 11.293 | 10.797 | 515.3E6  | 488.1E6  | 1181.293 | 994.861m  |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.847  | 2.321  | 83810508 | 265.1E6  | 112.417  | 363.383 # |
| 2) T                        | 3,5-DICHL... | 9.736  | 8.970  | 41155520 | 37424564 | 59.875m  | 58.672m   |
| 5) T                        | DICAMBA      | 11.601 | 11.078 | 110.2E6  | 109.0E6  | 53.699m  | 58.627    |
| 6) T                        | MCP          | 11.936 | 11.301 | 5185822  | 5352089  | 3.728m   | 4.533     |
| 7) T                        | MCPA         | 12.187 | 11.672 | 12283253 | 10971520 | 5.822    | 6.152m    |
| 8) T                        | DICHLORPROP  | 12.798 | 12.208 | 30129529 | 31596358 | 61.685   | 67.871    |
| 9) T                        | 2,4-D        | 13.187 | 12.690 | 25241609 | 36254001 | 51.908   | 68.159 #  |
| 10) T                       | Pentachlo... | 13.516 | 13.207 | 454.7E6  | 423.3E6  | 59.028   | 61.166    |
| 11) T                       | 2,4,5-TP ... | 14.397 | 13.833 | 171.3E6  | 168.9E6  | 59.720   | 63.777    |
| 12) T                       | 2,4,5-T      | 14.811 | 14.410 | 148.0E6  | 127.6E6  | 52.114   | 58.712m   |
| 13) T                       | 2,4-DB       | 15.563 | 15.061 | 17047595 | 19181270 | 56.542m  | 64.594    |
| 14) T                       | DINOSEB      | 17.002 | 15.470 | 145.6E6  | 120.7E6  | 60.868   | 62.903    |
| 15) T                       | Picloram     | 16.824 | 16.722 | 103.6E6  | 137.3E6  | 30.506m  | 43.287m#  |
| 16) T                       | DCPA         | 17.345 | 16.645 | 109.0E6  | 131.0E6  | 30.267   | 38.758 #  |
| -----                       |              |        |        |          |          |          |           |

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

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Acq On : 27 Mar 2019 06:46  
Operator : EI\SJ  
Sample : MDL-HERB-S-02  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

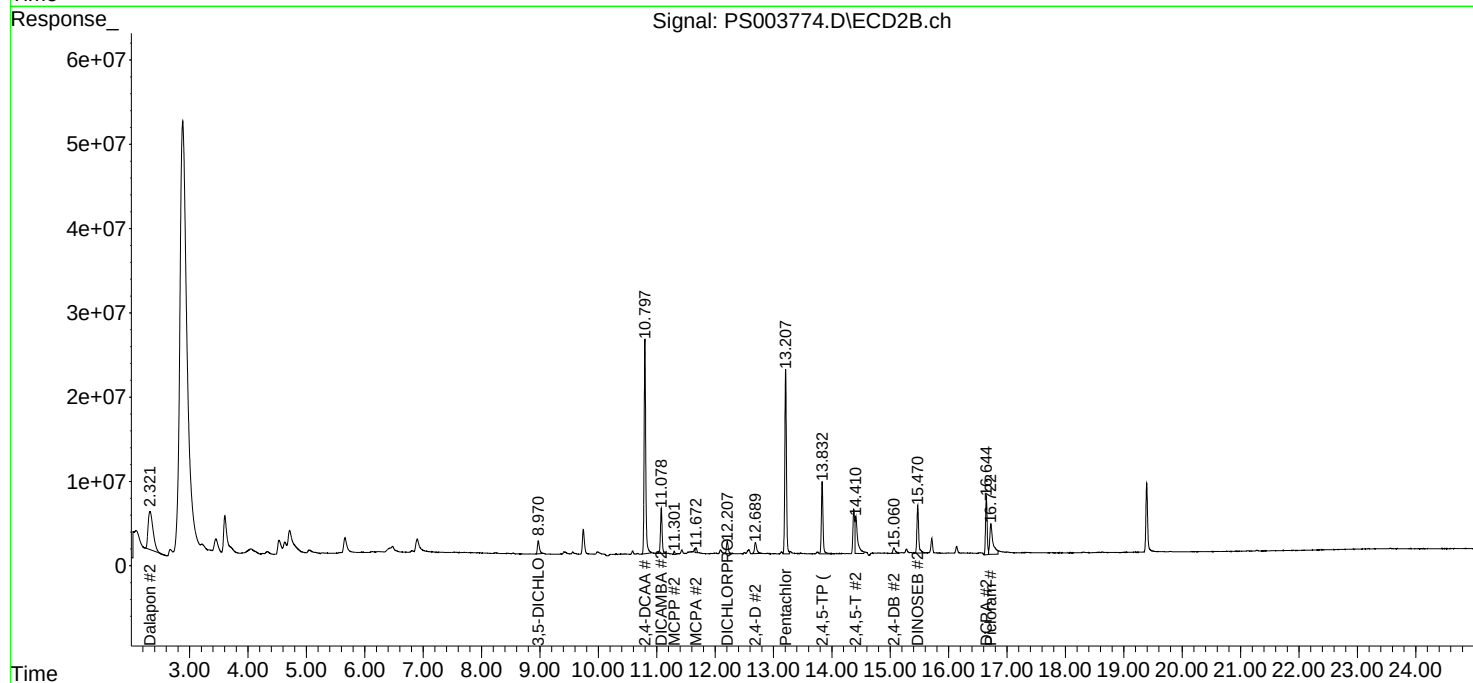
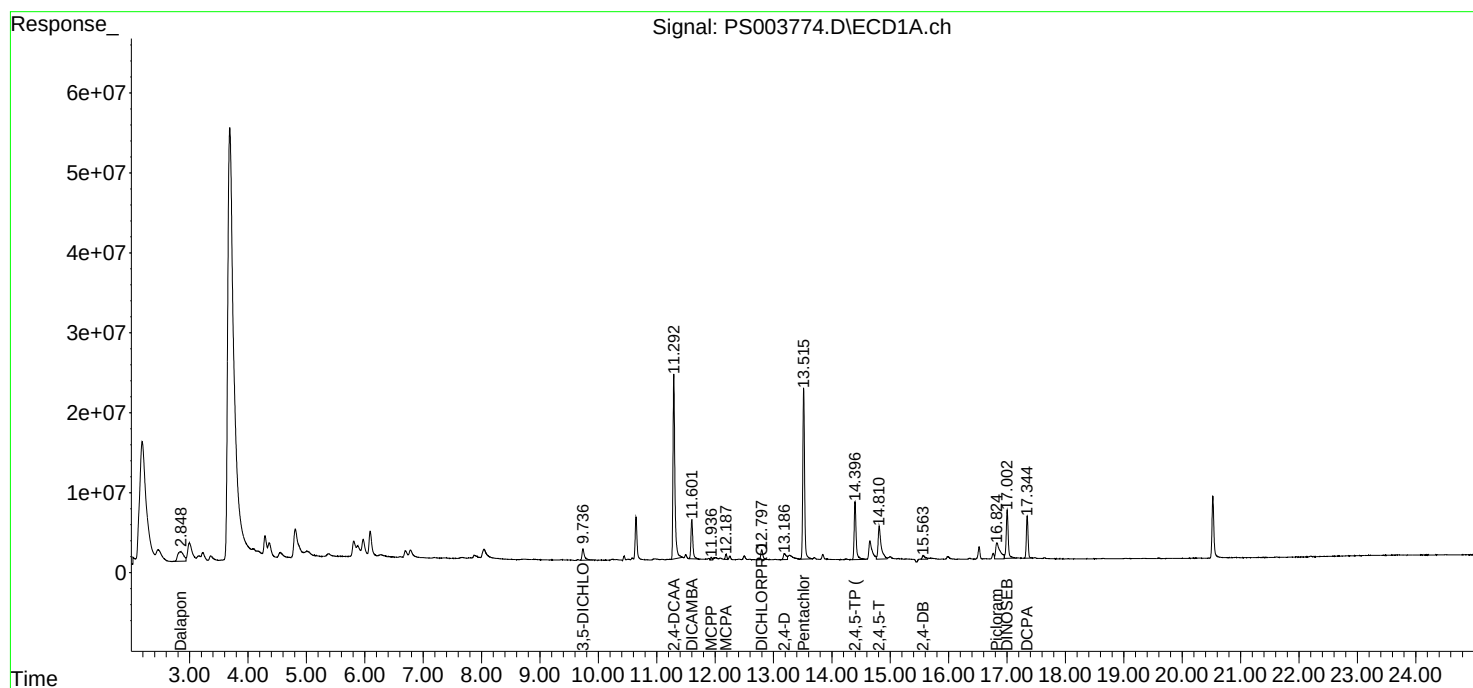
Instrument :  
ECD\_S  
ClientSampleID :  
MDL-HERB-S-02

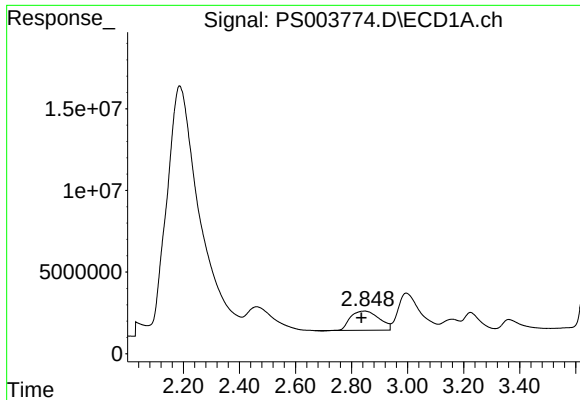
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 27 08:04:19 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS032619.M  
Quant Title : 8080.M  
QLast Update : Wed Mar 27 05:52:44 2019  
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Volume Inj. : 2 µl  
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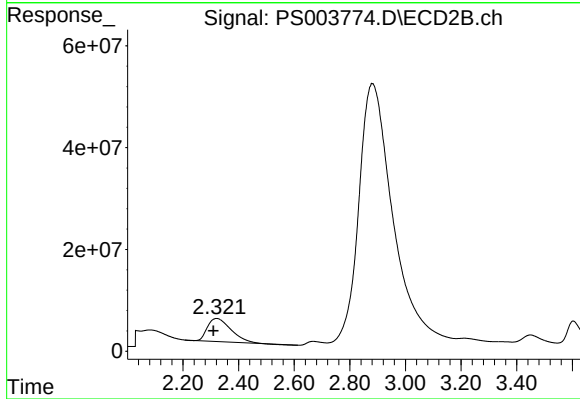
#1 Dalapon

R.T.: 2.847 min  
Delta R.T.: 0.012 min  
Response: 83810508  
Conc: 112.42 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-S-02

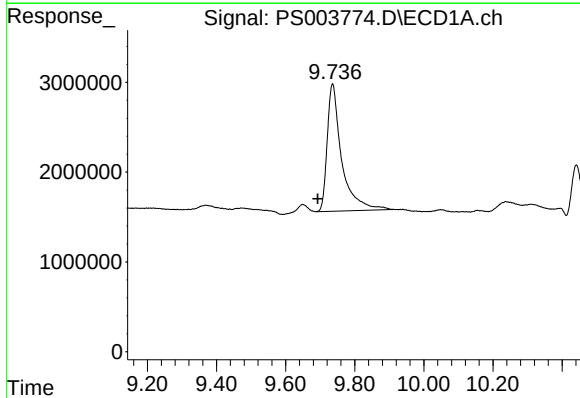
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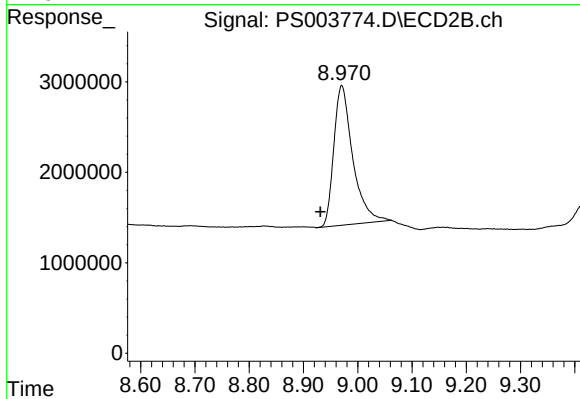
#1 Dalapon

R.T.: 2.321 min  
Delta R.T.: 0.010 min  
Response: 265134144  
Conc: 363.38 ng/ml



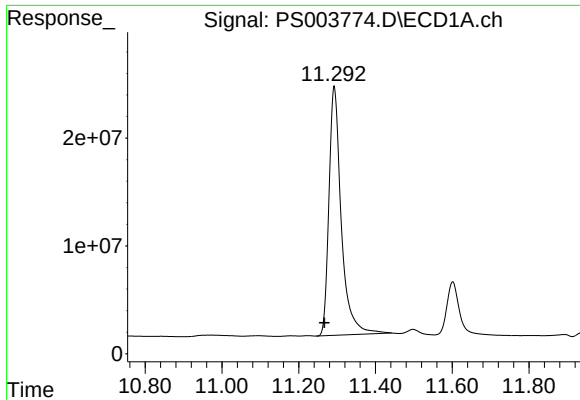
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.736 min  
Delta R.T.: 0.042 min  
Response: 41155520  
Conc: 59.87 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 8.970 min  
Delta R.T.: 0.039 min  
Response: 37424564  
Conc: 58.67 ng/ml m



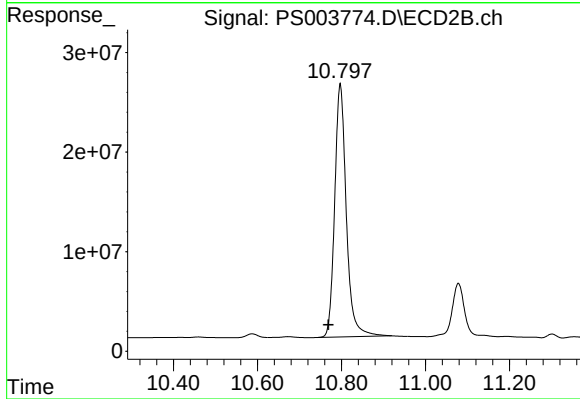
#4 2,4-DCAA

R.T.: 11.293 min  
Delta R.T.: 0.026 min  
Response: 515294773  
Conc: 1181.29 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-S-02

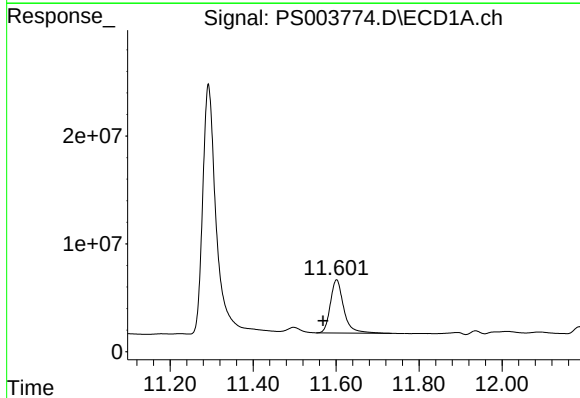
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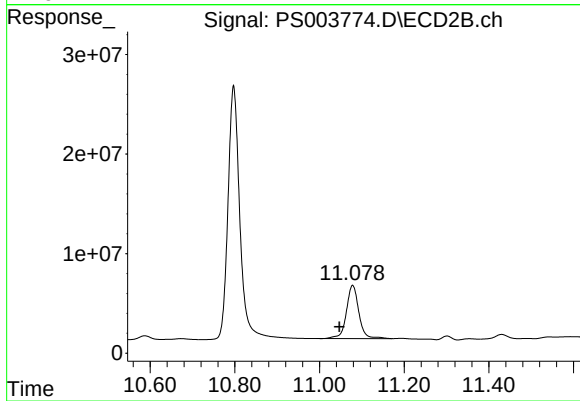
#4 2,4-DCAA

R.T.: 10.797 min  
Delta R.T.: 0.028 min  
Response: 488137037  
Conc: 994.86 ng/ml m



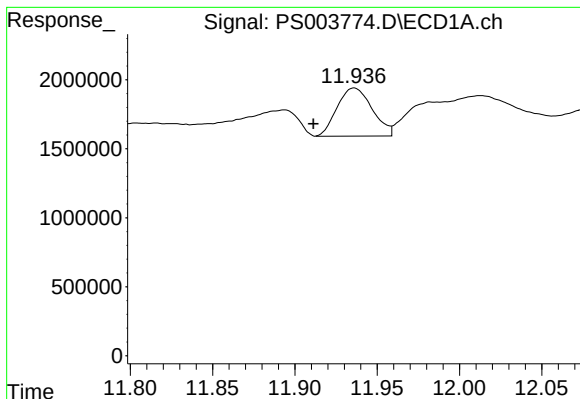
#5 DICAMBA

R.T.: 11.601 min  
Delta R.T.: 0.032 min  
Response: 110161643  
Conc: 53.70 ng/ml m



#5 DICAMBA

R.T.: 11.078 min  
Delta R.T.: 0.031 min  
Response: 109031612  
Conc: 58.63 ng/ml



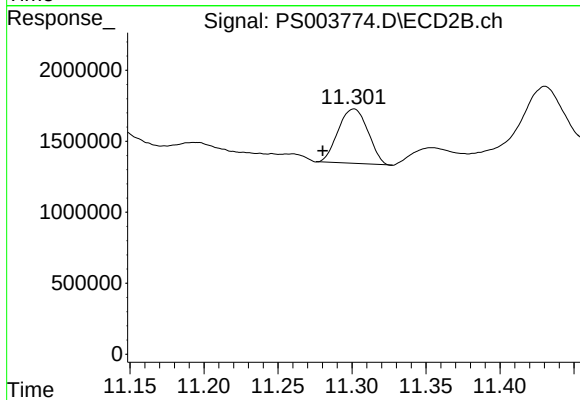
#6 MCPP

R.T.: 11.936 min  
Delta R.T.: 0.024 min  
Response: 5185822  
Conc: 3.73 ug/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-S-02

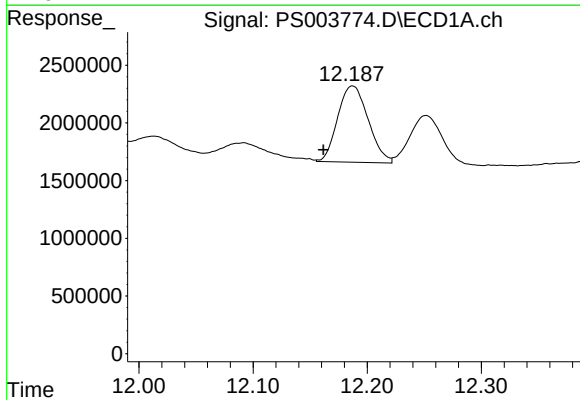
Manual Integrations  
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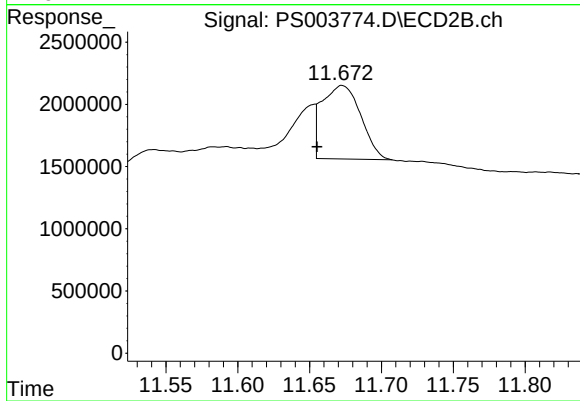
#6 MCPP

R.T.: 11.301 min  
Delta R.T.: 0.021 min  
Response: 5352089  
Conc: 4.53 ug/ml



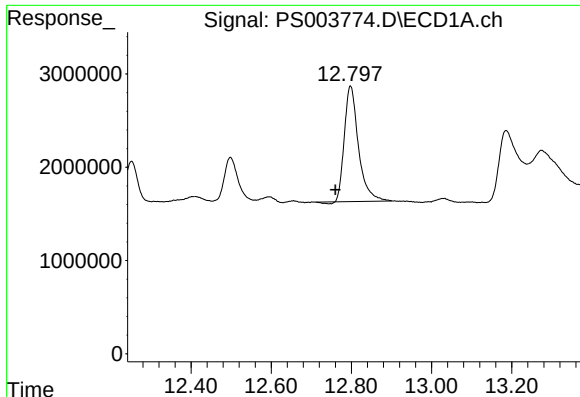
#7 MCPA

R.T.: 12.187 min  
Delta R.T.: 0.026 min  
Response: 12283253  
Conc: 5.82 ug/ml



#7 MCPA

R.T.: 11.672 min  
Delta R.T.: 0.017 min  
Response: 10971520  
Conc: 6.15 ug/ml m



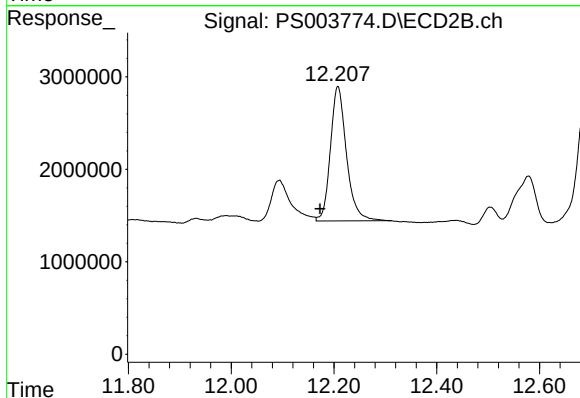
#8 DICHLORPROP

R.T.: 12.798 min  
Delta R.T.: 0.038 min  
Response: 30129529  
Conc: 61.69 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-S-02

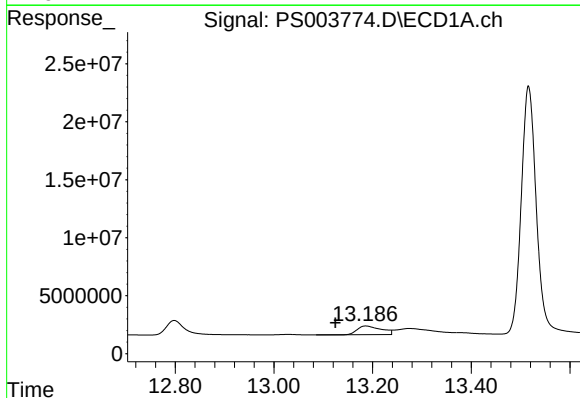
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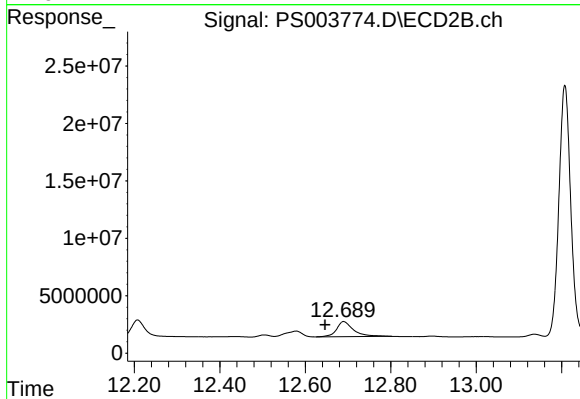
#8 DICHLORPROP

R.T.: 12.208 min  
Delta R.T.: 0.035 min  
Response: 31596358  
Conc: 67.87 ng/ml



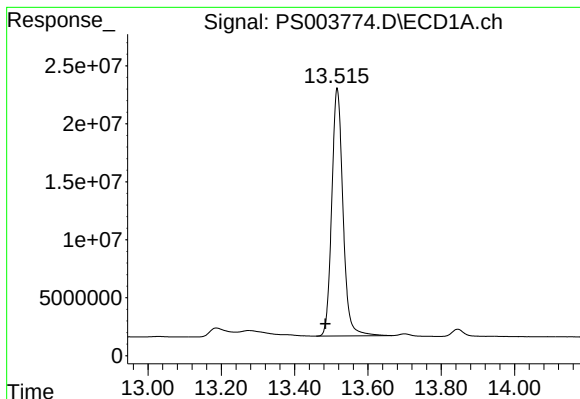
#9 2,4-D

R.T.: 13.187 min  
Delta R.T.: 0.062 min  
Response: 25241609  
Conc: 51.91 ng/ml



#9 2,4-D

R.T.: 12.690 min  
Delta R.T.: 0.043 min  
Response: 36254001  
Conc: 68.16 ng/ml



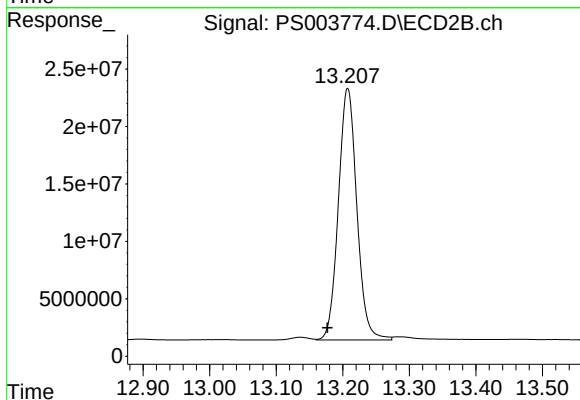
#10 Pentachlorophenol

R.T.: 13.516 min  
Delta R.T.: 0.032 min  
Response: 454710784  
Conc: 59.03 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-S-02

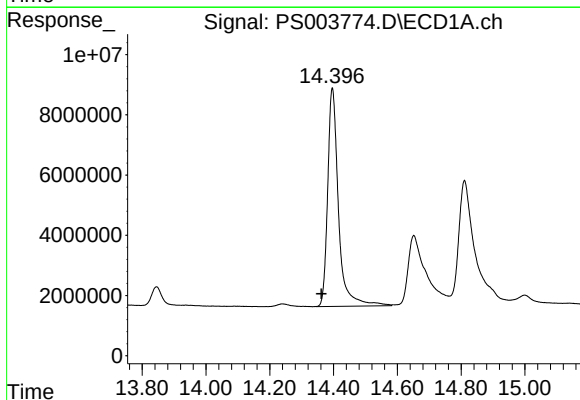
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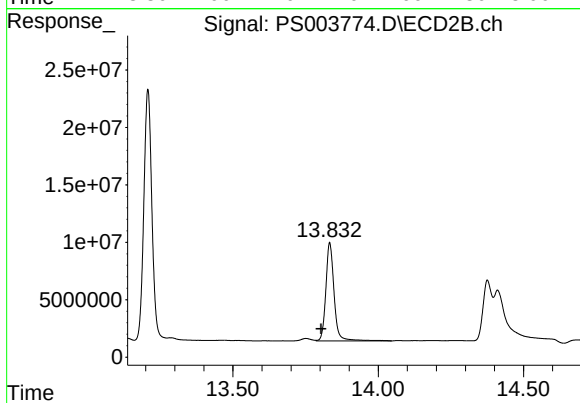
#10 Pentachlorophenol

R.T.: 13.207 min  
Delta R.T.: 0.031 min  
Response: 423290606  
Conc: 61.17 ng/ml



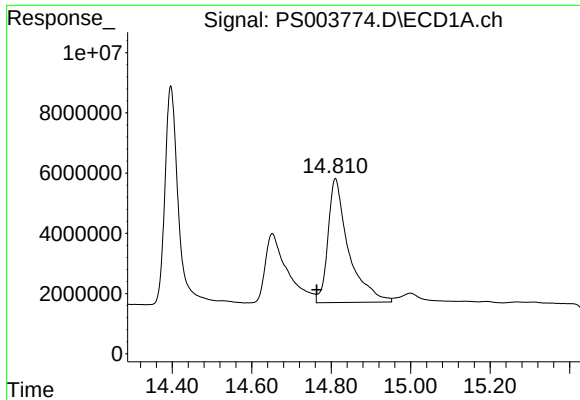
#11 2,4,5-TP (SILVEX)

R.T.: 14.397 min  
Delta R.T.: 0.034 min  
Response: 171314092  
Conc: 59.72 ng/ml



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

R.T.: 13.833 min  
Delta R.T.: 0.029 min  
Response: 168906955  
Conc: 63.78 ng/ml



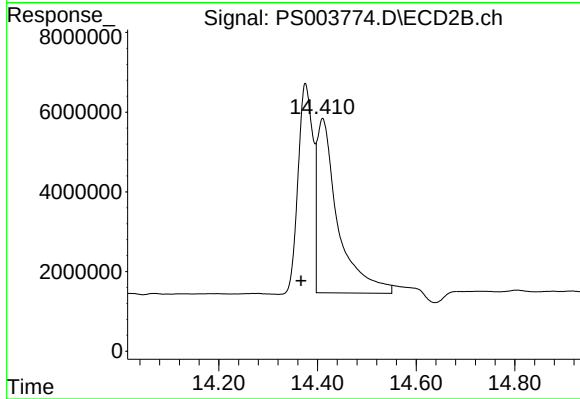
#12 2,4,5-T

R.T.: 14.811 min  
Delta R.T.: 0.048 min  
Response: 148024079  
Conc: 52.11 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-S-02

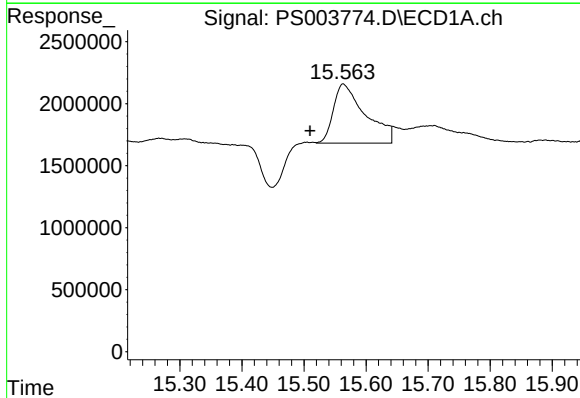
Manual Integrations  
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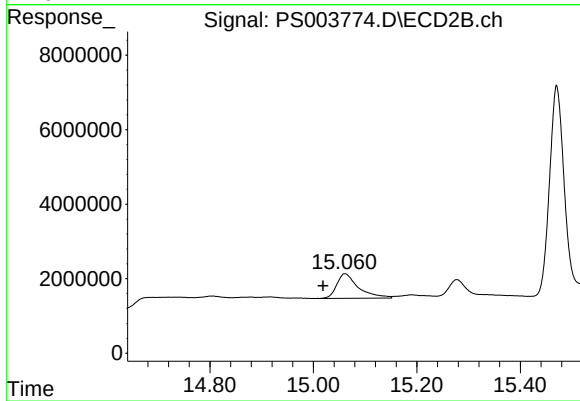
#12 2,4,5-T

R.T.: 14.410 min  
Delta R.T.: 0.043 min  
Response: 127631864  
Conc: 58.71 ng/ml m



#13 2,4-DB

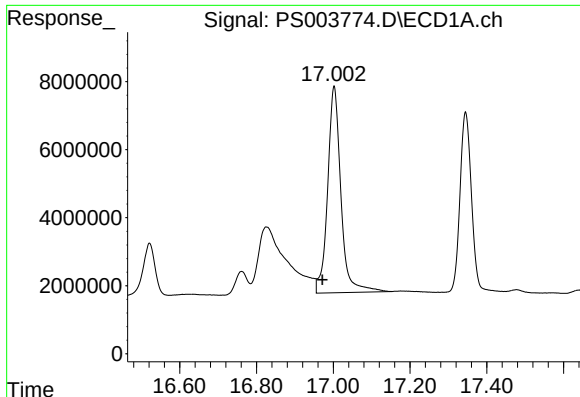
R.T.: 15.563 min  
Delta R.T.: 0.053 min  
Response: 17047595  
Conc: 56.54 ng/ml m



#13 2,4-DB

R.T.: 15.061 min  
Delta R.T.: 0.042 min  
Response: 19181270  
Conc: 64.59 ng/ml





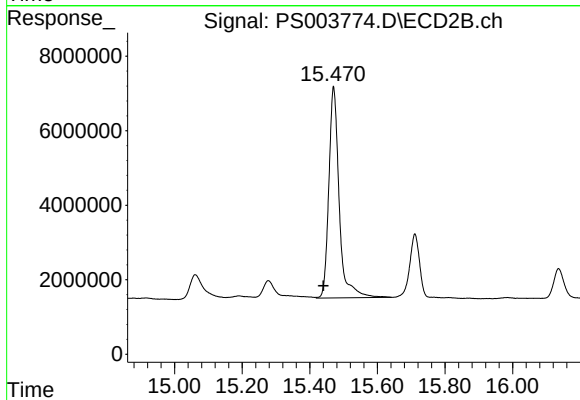
#14 DINOSEB

R.T.: 17.002 min  
Delta R.T.: 0.030 min  
Response: 145557623  
Conc: 60.87 ng/ml

Instrument :  
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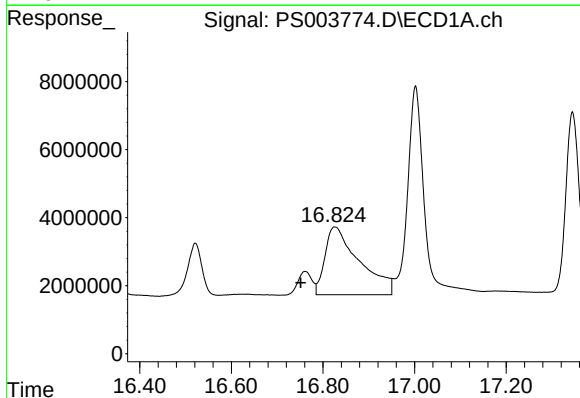
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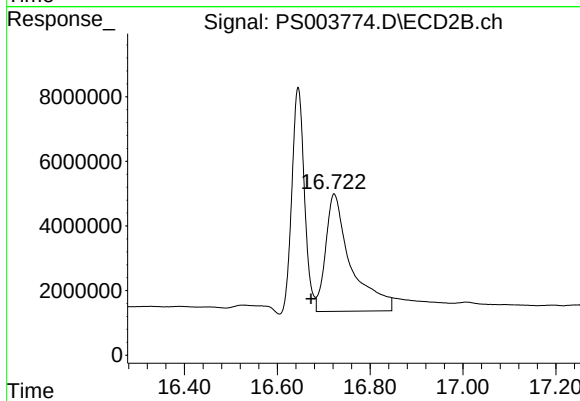
#14 DINOSEB

R.T.: 15.470 min  
Delta R.T.: 0.030 min  
Response: 120693471  
Conc: 62.90 ng/ml



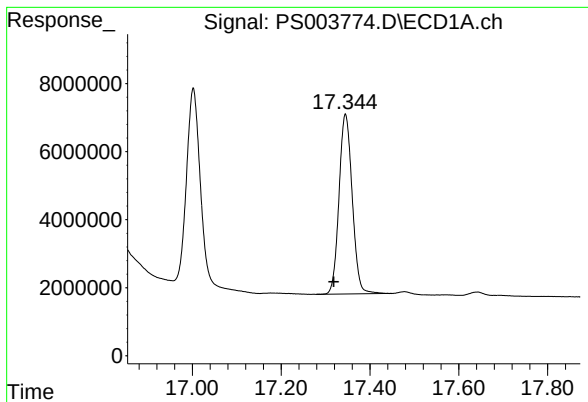
#15 Picloram

R.T.: 16.824 min  
Delta R.T.: 0.072 min  
Response: 103632068  
Conc: 30.51 ng/ml m



#15 Picloram

R.T.: 16.722 min  
Delta R.T.: 0.049 min  
Response: 137273749  
Conc: 43.29 ng/ml m



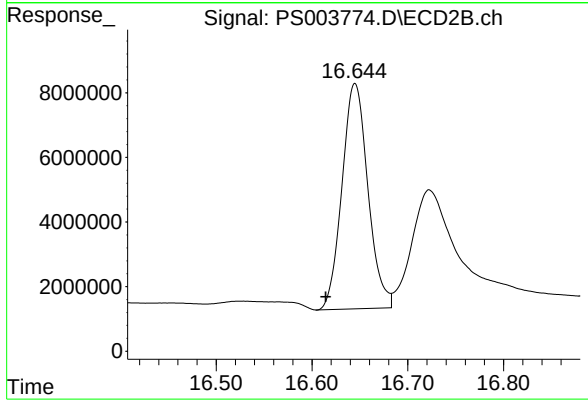
#16 DCPA

R.T.: 17.345 min  
Delta R.T.: 0.026 min  
Response: 108989357  
Conc: 30.27 ng/ml

Instrument :  
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#16 DCPA

R.T.: 16.645 min  
Delta R.T.: 0.030 min  
Response: 131004232  
Conc: 38.76 ng/ml