

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS032719\  
 Data File : PS003799.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Mar 2019 22:51  
 Operator : EI\SJ  
 Sample : MDL-HERB-S-02  
 Misc :  
 ALS Vial : 17 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 28 05:01:50 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     | 11.264 | 10.767 | 319.3E6  | 306.9E6  | 732.088 | 625.530   |
| Target Compounds            |              |        |        |          |          |         |           |
| 1) T                        | Dalapon      | 2.811  | 2.283  | 84651518 | 200.3E6  | 113.545 | 274.590 # |
| 2) T                        | 3,5-DICHL... | 9.706  | 8.941  | 41464110 | 42116478 | 60.324m | 66.028    |
| 5) T                        | DICAMBA      | 11.570 | 11.048 | 105.6E6  | 102.2E6  | 51.495  | 54.972    |
| 6) T                        | MCPD         | 11.904 | 11.270 | 4633768  | 5077930  | 3.331m  | 4.301m#   |
| 7) T                        | MCPA         | 12.155 | 11.641 | 9640624  | 9881662  | 4.569   | 5.541m    |
| 8) T                        | DICHLORPROP  | 12.767 | 12.177 | 30112643 | 31286775 | 61.651  | 67.206    |
| 9) T                        | 2,4-D        | 13.165 | 12.662 | 22934659 | 36617859 | 47.164  | 68.843 #  |
| 10) T                       | Pentachlo... | 13.485 | 13.176 | 447.4E6  | 412.7E6  | 58.074  | 59.629    |
| 11) T                       | 2,4,5-TP ... | 14.368 | 13.805 | 166.2E6  | 171.3E6  | 57.922  | 64.683    |
| 12) T                       | 2,4,5-T      | 14.787 | 14.384 | 152.3E6  | 113.2E6  | 53.632  | 52.074m   |
| 13) T                       | 2,4-DB       | 15.543 | 15.033 | 10940191 | 16153496 | 36.286  | 54.398m#  |
| 14) T                       | DINOSEB      | 16.970 | 15.439 | 156.0E6  | 118.4E6  | 65.232  | 61.732    |
| 15) T                       | Picloram     | 16.808 | 16.697 | 97502201 | 146.8E6  | 28.702m | 46.285 #  |
| 16) T                       | DCPA         | 17.313 | 16.614 | 108.0E6  | 132.2E6  | 29.981  | 39.102 #  |
| -----                       |              |        |        |          |          |         |           |

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

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Acq On : 27 Mar 2019 22:51  
Operator : EI\SJ  
Sample : MDL-HERB-S-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

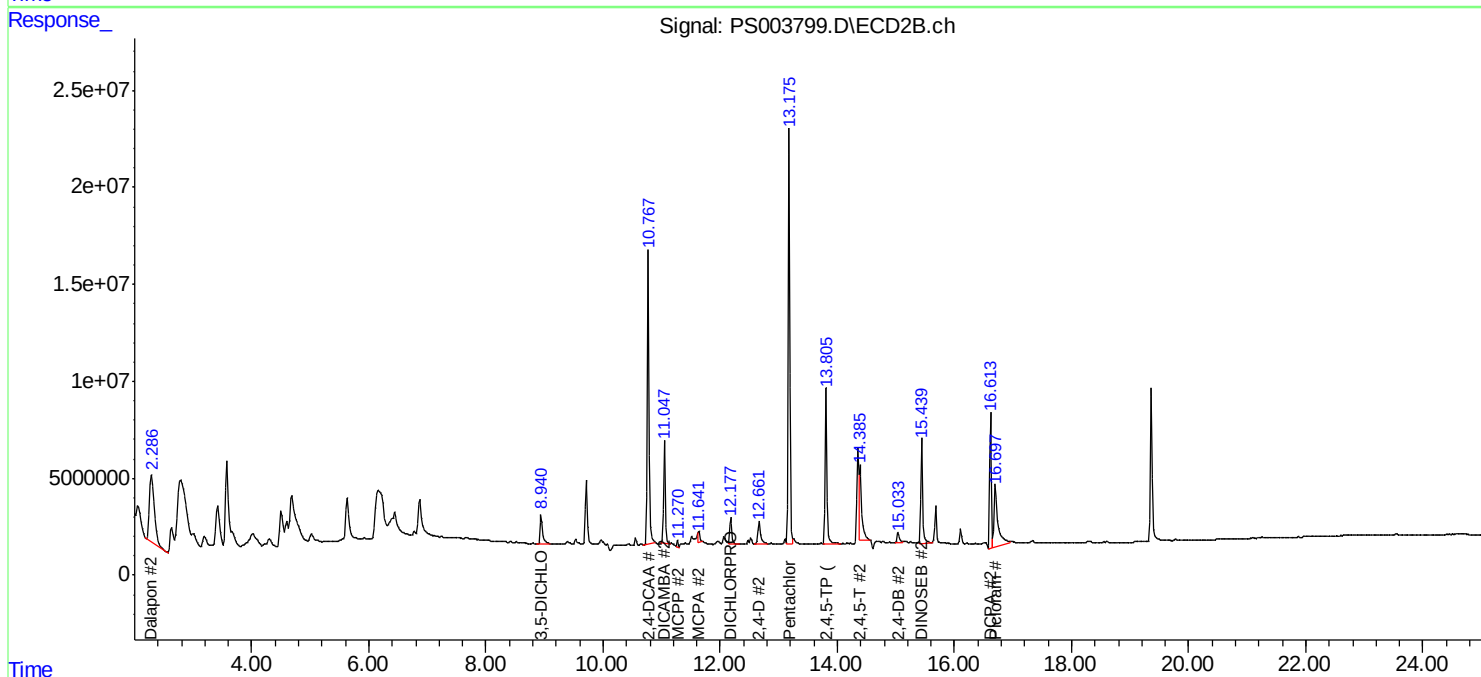
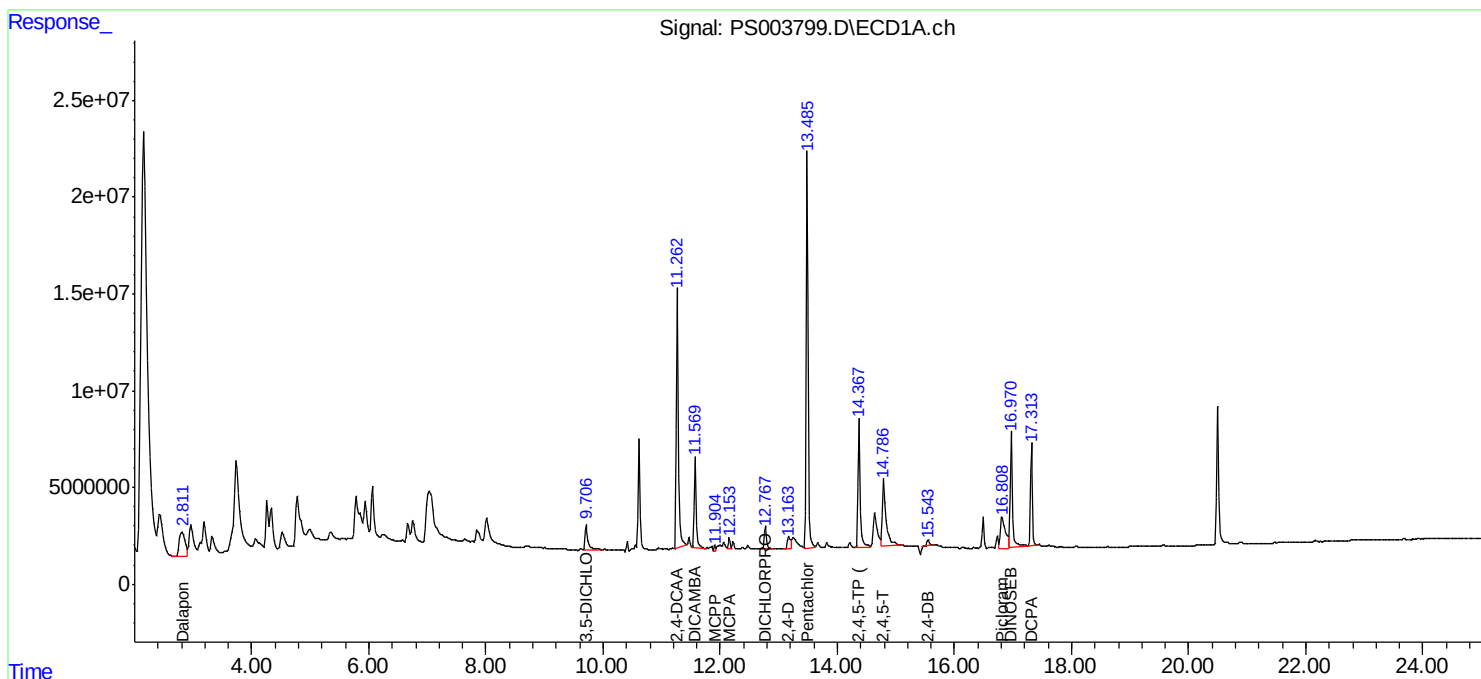
Instrument :  
ECD\_S  
ClientSampled :  
MDL-HERB-S-02

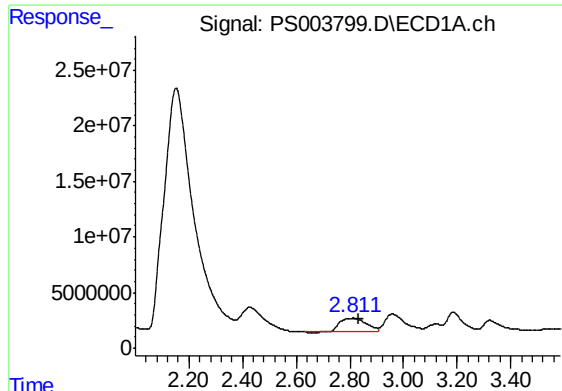
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 28 05:01:50 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS032619.M  
Quant Title : 8080.M  
QLast Update : Wed Mar 27 05:52:44 2019  
Response via : Initial Calibration  
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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





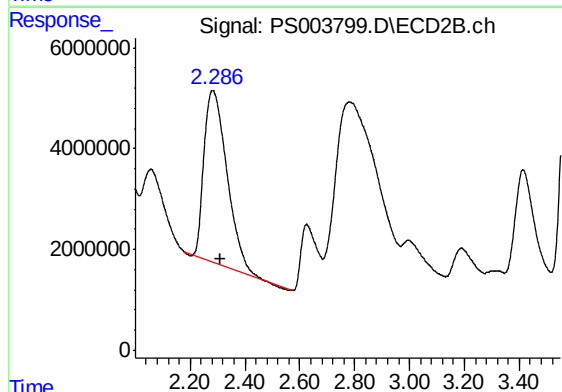
#1 Dalapon

R.T.: 2.811 min  
Delta R.T.: -0.024 min  
Response: 84651518  
Conc: 113.54 ng/ml

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

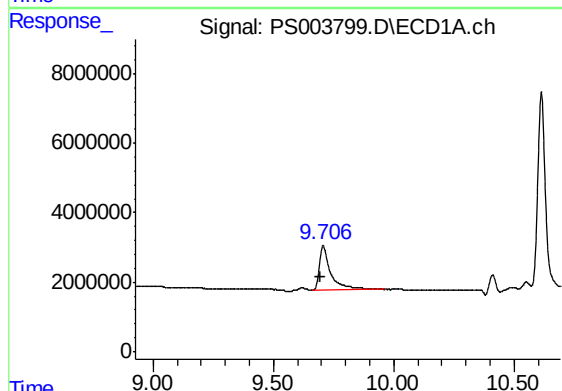
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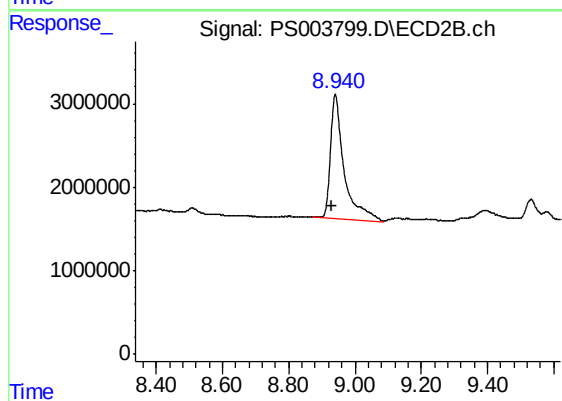
#1 Dalapon

R.T.: 2.283 min  
Delta R.T.: -0.027 min  
Response: 200348453  
Conc: 274.59 ng/ml



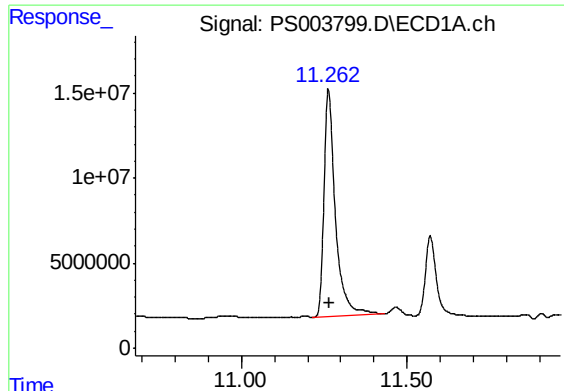
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.706 min  
Delta R.T.: 0.012 min  
Response: 41464110  
Conc: 60.32 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 8.941 min  
Delta R.T.: 0.010 min  
Response: 42116478  
Conc: 66.03 ng/ml



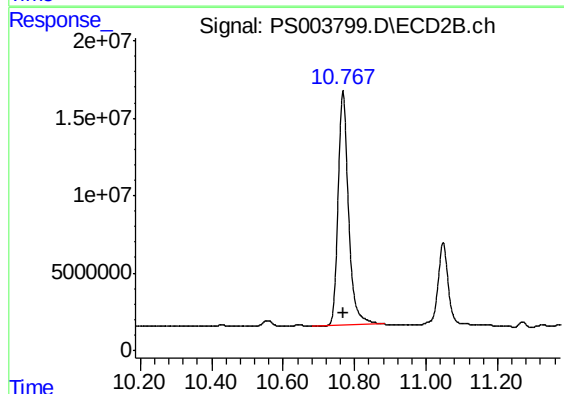
#4 2,4-DCAA

R.T.: 11.264 min  
Delta R.T.: -0.003 min  
Response: 319345669  
Conc: 732.09 ng/ml

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

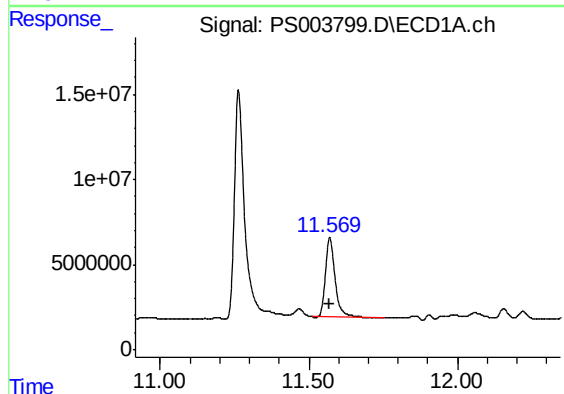
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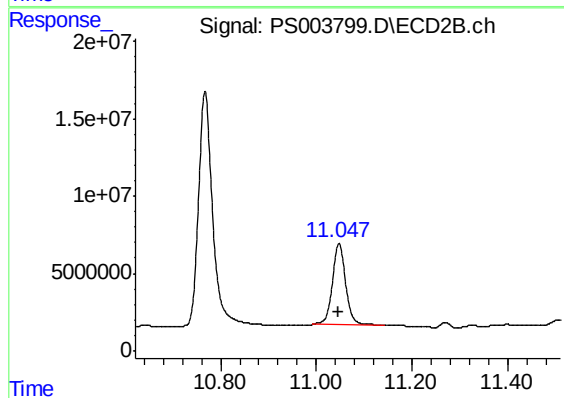
#4 2,4-DCAA

R.T.: 10.767 min  
Delta R.T.: -0.001 min  
Response: 306921454  
Conc: 625.53 ng/ml



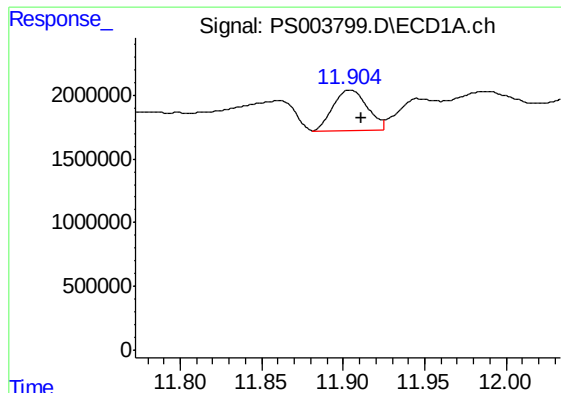
#5 DICAMBA

R.T.: 11.570 min  
Delta R.T.: 0.002 min  
Response: 105640367  
Conc: 51.50 ng/ml



#5 DICAMBA

R.T.: 11.048 min  
Delta R.T.: 0.000 min  
Response: 102234433  
Conc: 54.97 ng/ml



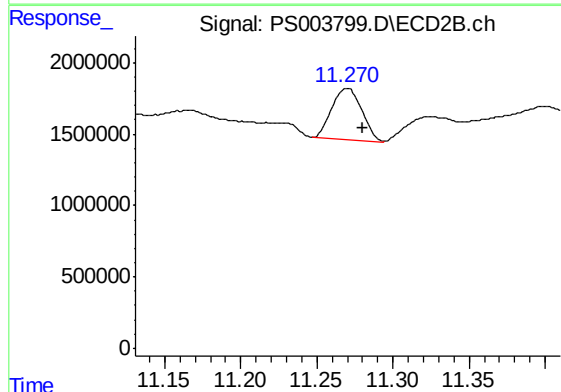
#6 MCPP

R.T.: 11.904 min  
Delta R.T.: -0.008 min  
Response: 4633768  
Conc: 3.33 ug/ml m

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

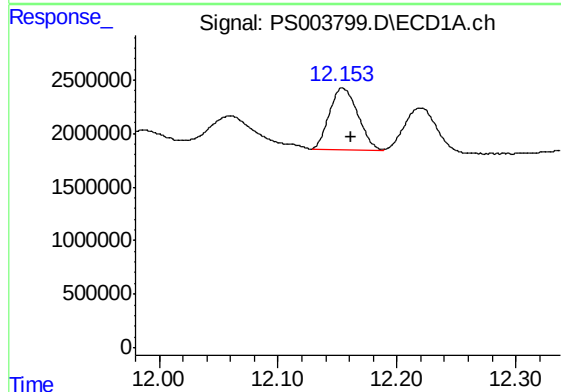
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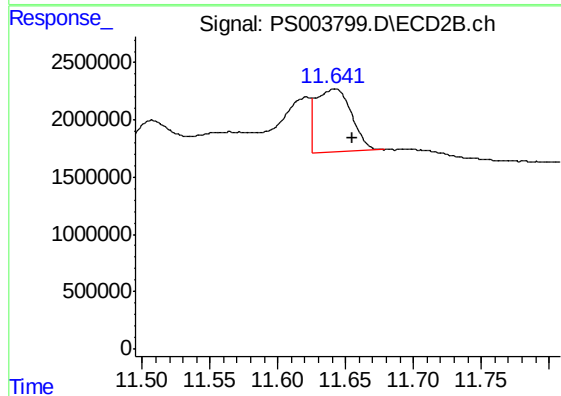
#6 MCPP

R.T.: 11.270 min  
Delta R.T.: -0.010 min  
Response: 5077930  
Conc: 4.30 ug/ml m



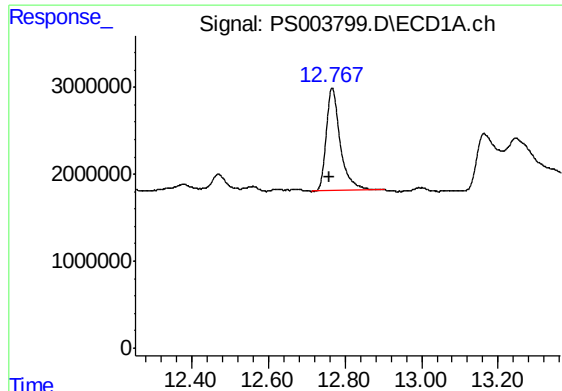
#7 MCPA

R.T.: 12.155 min  
Delta R.T.: -0.007 min  
Response: 9640624  
Conc: 4.57 ug/ml



#7 MCPA

R.T.: 11.641 min  
Delta R.T.: -0.014 min  
Response: 9881662  
Conc: 5.54 ug/ml m



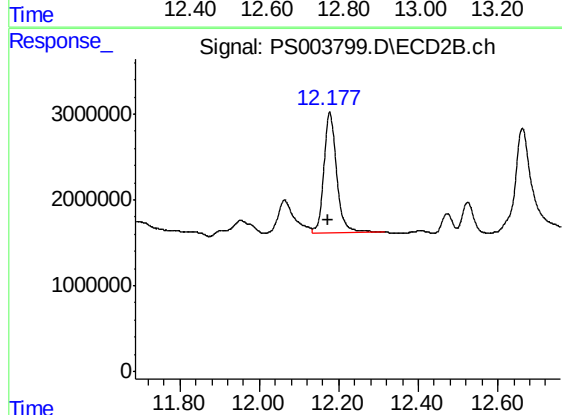
#8 DICHLORPROP

R.T.: 12.767 min  
Delta R.T.: 0.007 min  
Response: 30112643  
Conc: 61.65 ng/ml

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

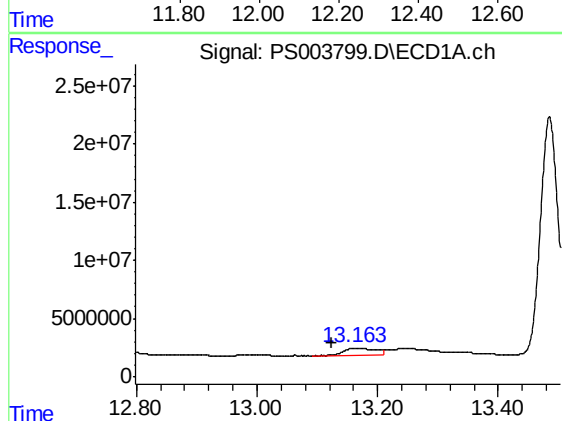
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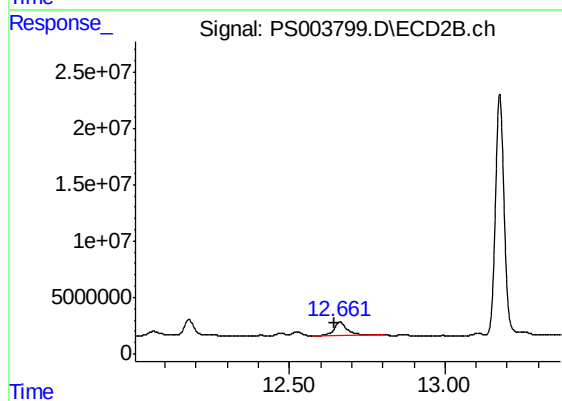
#8 DICHLORPROP

R.T.: 12.177 min  
Delta R.T.: 0.004 min  
Response: 31286775  
Conc: 67.21 ng/ml



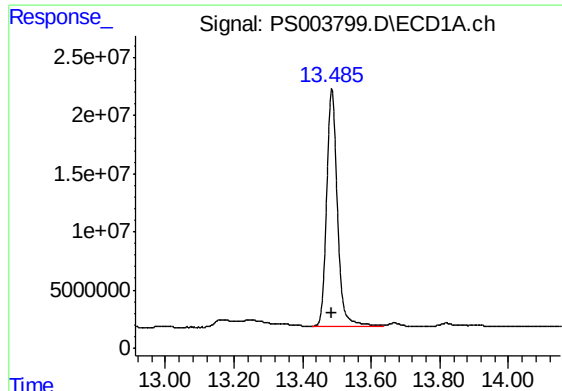
#9 2,4-D

R.T.: 13.165 min  
Delta R.T.: 0.040 min  
Response: 22934659  
Conc: 47.16 ng/ml



#9 2,4-D

R.T.: 12.662 min  
Delta R.T.: 0.015 min  
Response: 36617859  
Conc: 68.84 ng/ml



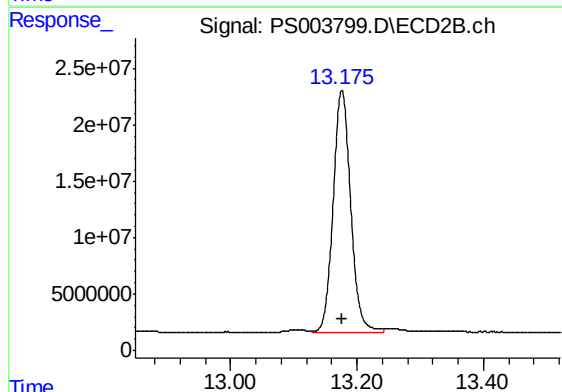
#10 Pentachlorophenol

R.T.: 13.485 min  
Delta R.T.: 0.000 min  
Response: 447365765  
Conc: 58.07 ng/ml

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

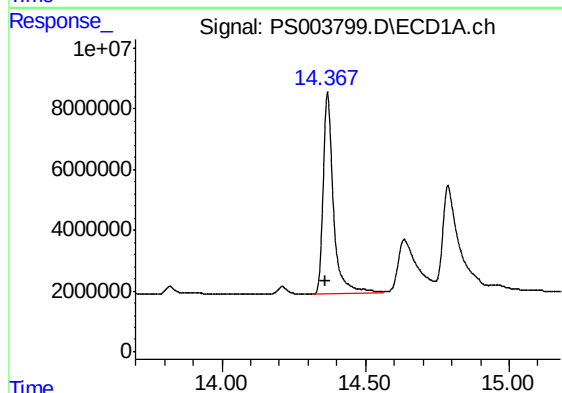
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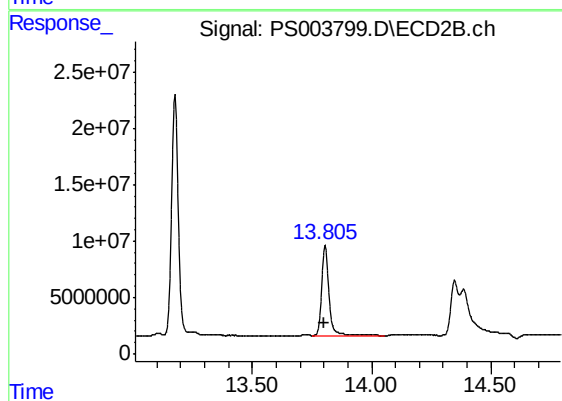
#10 Pentachlorophenol

R.T.: 13.176 min  
Delta R.T.: 0.000 min  
Response: 412658409  
Conc: 59.63 ng/ml



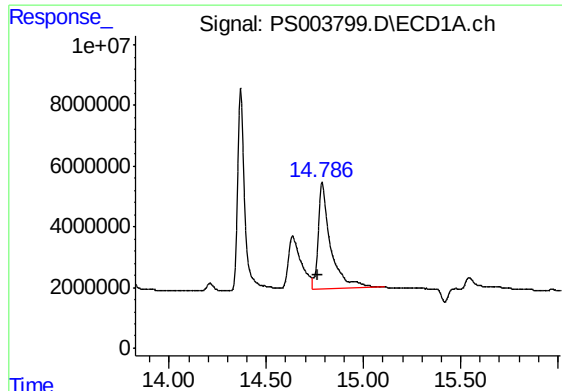
#11 2,4,5-TP (SILVEX)

R.T.: 14.368 min  
Delta R.T.: 0.006 min  
Response: 166158093  
Conc: 57.92 ng/ml



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

R.T.: 13.805 min  
Delta R.T.: 0.002 min  
Response: 171305301  
Conc: 64.68 ng/ml



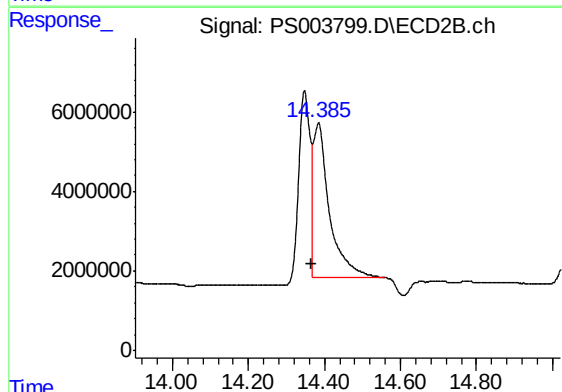
#12 2,4,5-T

R.T.: 14.787 min  
Delta R.T.: 0.024 min  
Response: 152336399  
Conc: 53.63 ng/ml

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

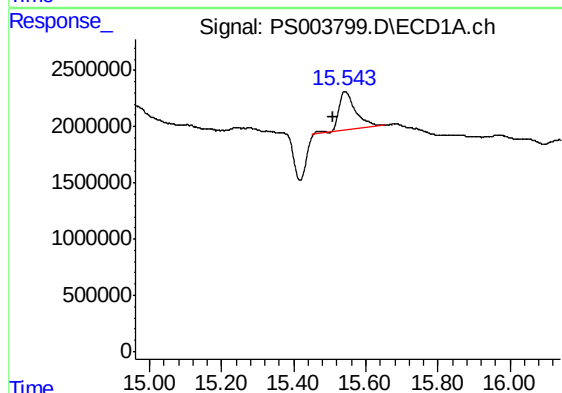
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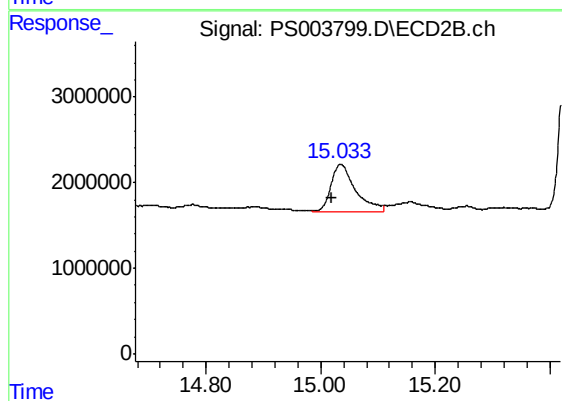
#12 2,4,5-T

R.T.: 14.384 min  
Delta R.T.: 0.017 min  
Response: 113201742  
Conc: 52.07 ng/ml m



#13 2,4-DB

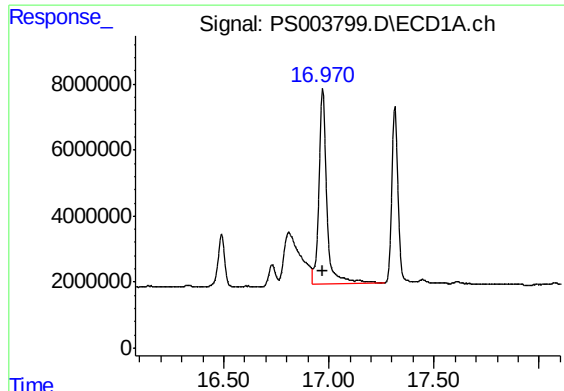
R.T.: 15.543 min  
Delta R.T.: 0.033 min  
Response: 10940191  
Conc: 36.29 ng/ml



#13 2,4-DB

R.T.: 15.033 min  
Delta R.T.: 0.014 min  
Response: 16153496  
Conc: 54.40 ng/ml m





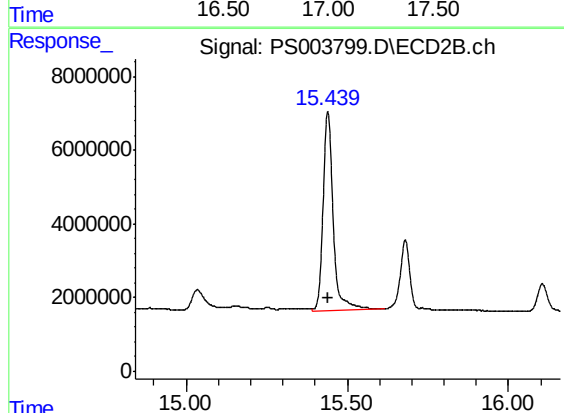
#14 DINOSEB

R.T.: 16.970 min  
Delta R.T.: -0.002 min  
Response: 155995485  
Conc: 65.23 ng/ml

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

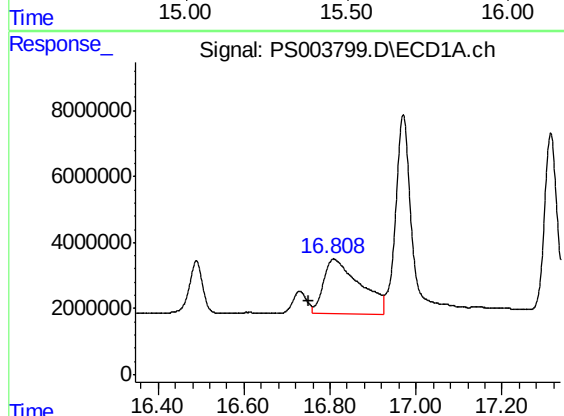
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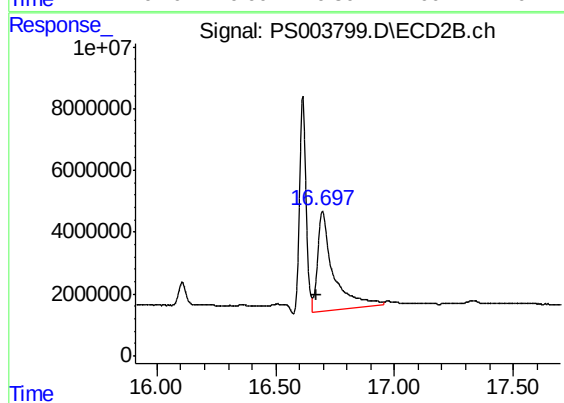
#14 DINOSEB

R.T.: 15.439 min  
Delta R.T.: 0.000 min  
Response: 118445427  
Conc: 61.73 ng/ml



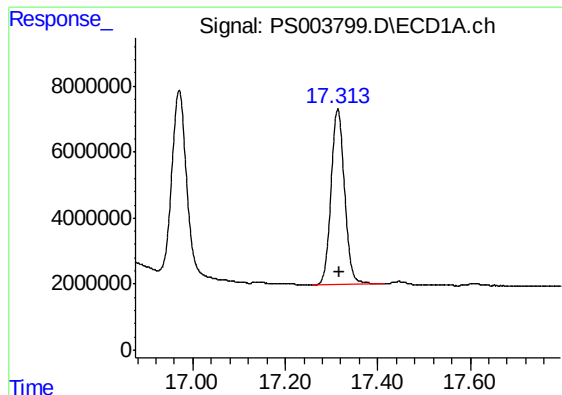
#15 Picloram

R.T.: 16.808 min  
Delta R.T.: 0.056 min  
Response: 97502201  
Conc: 28.70 ng/ml m



#15 Picloram

R.T.: 16.697 min  
Delta R.T.: 0.024 min  
Response: 146780449  
Conc: 46.29 ng/ml



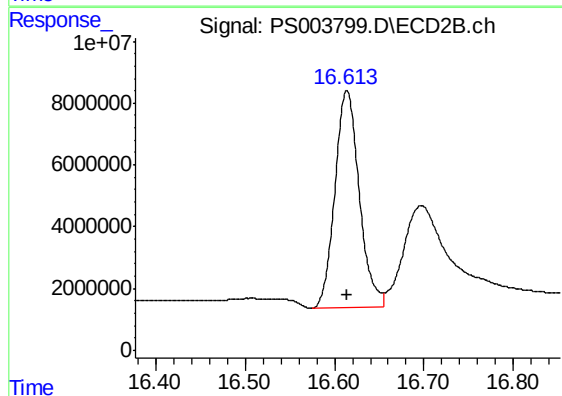
#16 DCPA

R.T.: 17.313 min  
Delta R.T.: -0.005 min  
Response: 107957104  
Conc: 29.98 ng/ml

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

Manual Integrations  
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#16 DCPA

R.T.: 16.614 min  
Delta R.T.: 0.000 min  
Response: 132167277  
Conc: 39.10 ng/ml