

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS081718\  
 Data File : PS001546.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Aug 2018 12:20  
 Operator : UA  
 Sample : PB112138BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB112138BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 18 00:38:20 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS072118.M  
 Quant Title : 8080.M  
 QLast Update : Sat Jul 21 01:18:58 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     | 11.609 | 11.028 | 104.2E6  | 96970688 | 561.380m | 533.173m  |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 3.006  | 2.423  | 101.9E6  | 105.1E6  | 429.595  | 461.355   |
| 2) T                        | 3,5-DICHL... | 10.025 | 9.177  | 137.0E6  | 128.3E6  | 507.498m | 503.730m  |
| 3) T                        | 4-Nitroph... | 11.202 | 10.175 | 51405479 | 49863555 | 446.660m | 489.151m  |
| 5) T                        | DICAMBA      | 11.924 | 11.316 | 381.5E6  | 358.7E6  | 530.686m | 523.345   |
| 6) T                        | MCPD         | 12.261 | 11.538 | 28305246 | 24025346 | 56.317m  | 55.369m   |
| 7) T                        | MCPA         | 12.512 | 11.914 | 38720193 | 33266609 | 49.098   | 51.160m   |
| 8) T                        | DICHLORPROP  | 13.116 | 12.441 | 98773159 | 96167539 | 541.105m | 542.869   |
| 9) T                        | 2,4-D        | 13.475 | 12.912 | 130.1E6  | 128.0E6  | 530.148  | 539.248   |
| 10) T                       | Pentachlo... | 13.864 | 13.466 | 1509.6E6 | 1453.0E6 | 536.157m | 527.940m  |
| 11) T                       | 2,4,5-TP ... | 14.733 | 14.080 | 575.0E6  | 544.8E6  | 512.297m | 498.267m  |
| 12) T                       | 2,4,5-T      | 15.131 | 14.649 | 542.6E6  | 434.9E6  | 487.600m | 470.769m  |
| 13) T                       | 2,4-DB       | 15.882 | 15.296 | 68212897 | 66359320 | 473.820m | 498.334m  |
| 14) T                       | DINOSEB      | 17.381 | 15.727 | 382.3E6  | 340.5E6  | 497.747  | 479.030m  |
| 15) T                       | Picloram     | 17.140 | 16.909 | 721.2E6  | 480.4E6  | 456.263m | 348.489m  |
| 16) T                       | DCPA         | 17.723 | 16.965 | 434.6E6  | 684.0E6  | 321.881  | 473.581 # |
| -----                       |              |        |        |          |          |          |           |

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

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Acq On : 17 Aug 2018 12:20  
Operator : UA  
Sample : PB112138BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

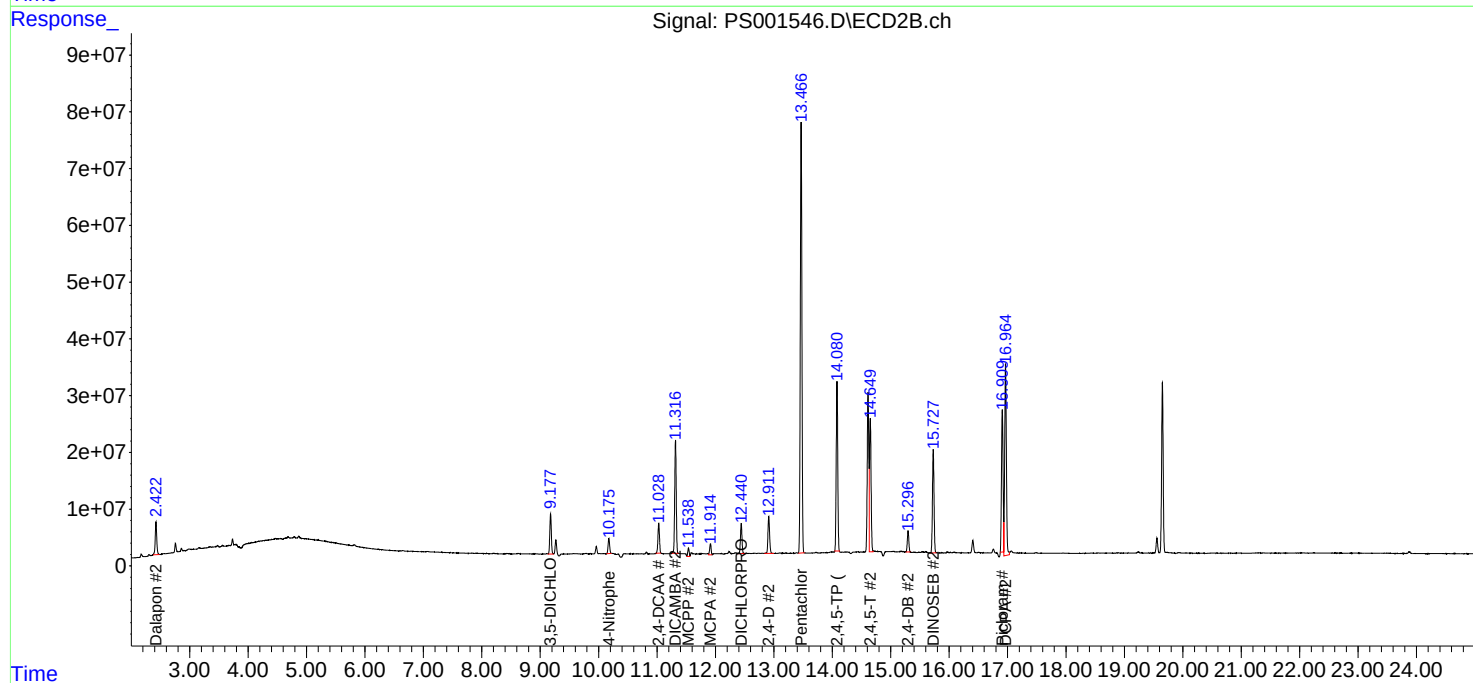
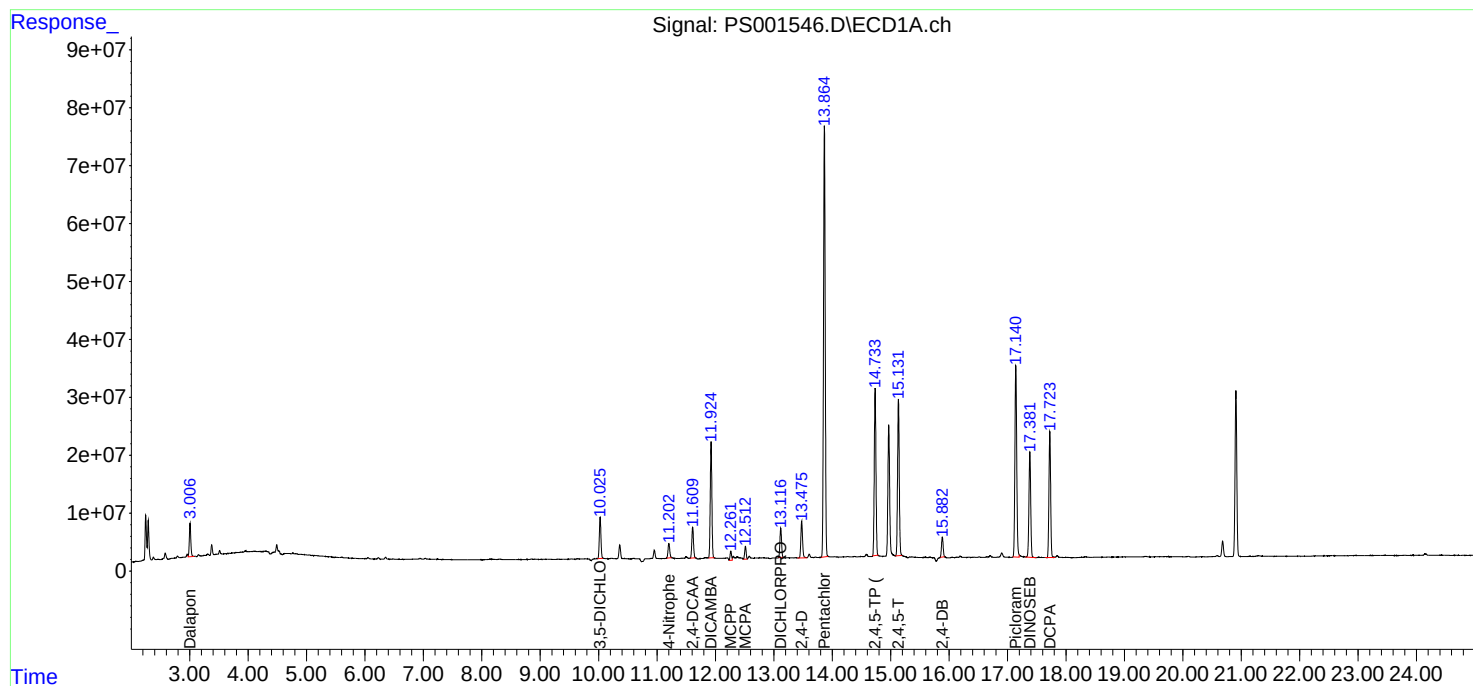
Instrument :  
ECD\_S  
ClientSampleId :  
PB112138BS

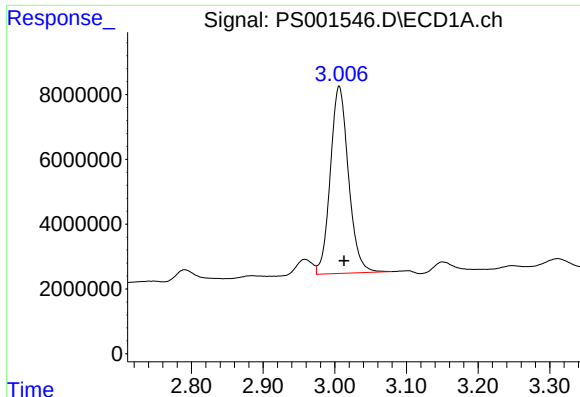
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 18 00:38:20 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS072118.M  
Quant Title : 8080.M  
QLast Update : Sat Jul 21 01:18:58 2018  
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Volume Inj. : 2 µl  
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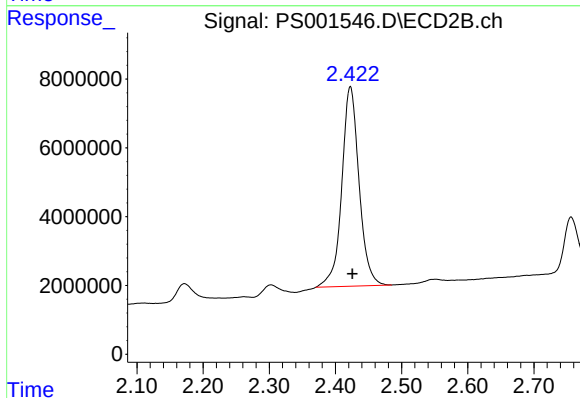
#1 Dalapon

R.T.: 3.006 min  
Delta R.T.: -0.007 min  
Response: 101868010  
Conc: 429.60 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB112138BS

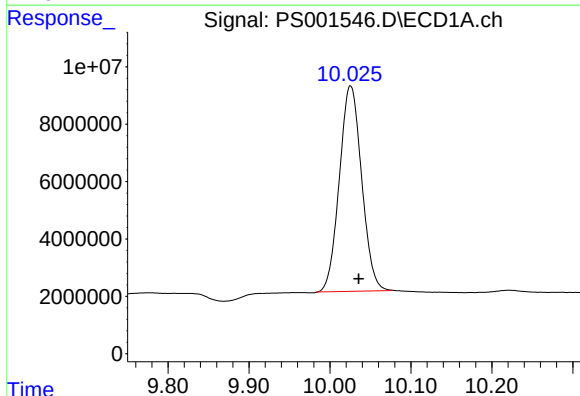
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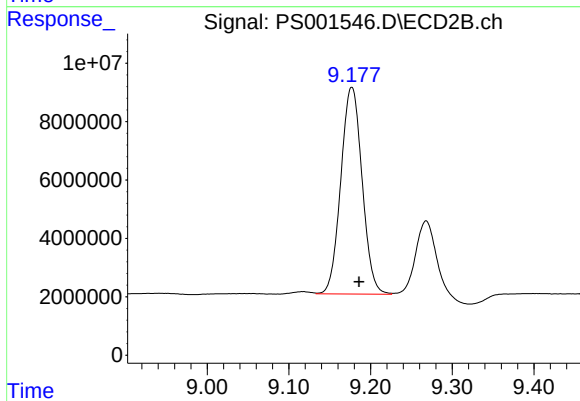
#1 Dalapon

R.T.: 2.423 min  
Delta R.T.: -0.003 min  
Response: 105130044  
Conc: 461.36 ng/ml



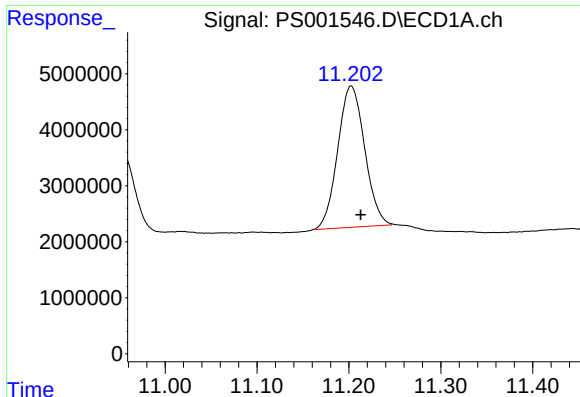
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.025 min  
Delta R.T.: -0.011 min  
Response: 136971546  
Conc: 507.50 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.177 min  
Delta R.T.: -0.009 min  
Response: 128324614  
Conc: 503.73 ng/ml m



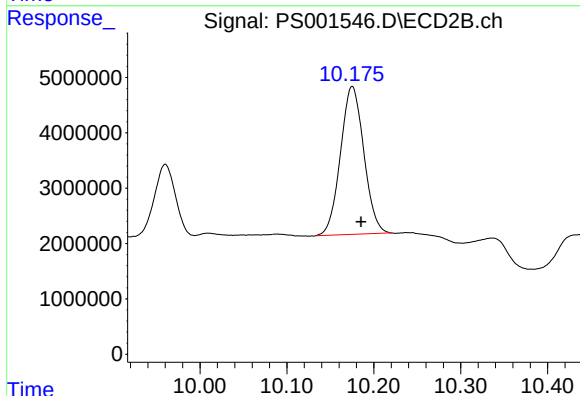
#3 4-Nitrophenol

R.T.: 11.202 min  
Delta R.T.: -0.011 min  
Response: 51405479  
Conc: 446.66 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
PB112138BS

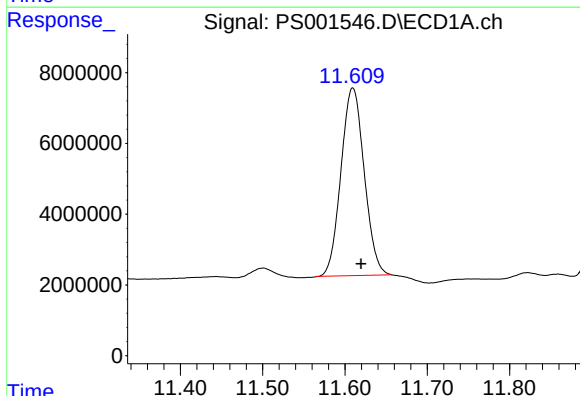
Manual Integrations  
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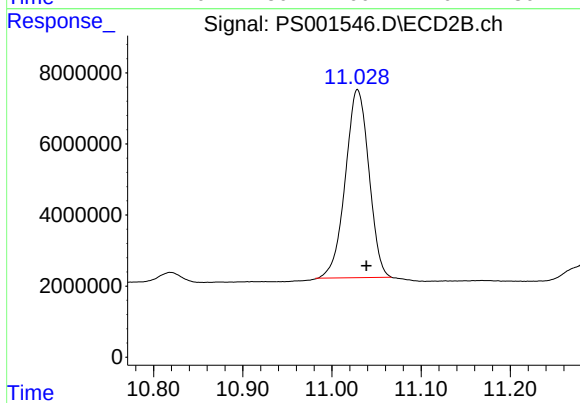
#3 4-Nitrophenol

R.T.: 10.175 min  
Delta R.T.: -0.011 min  
Response: 49863555  
Conc: 489.15 ng/ml m



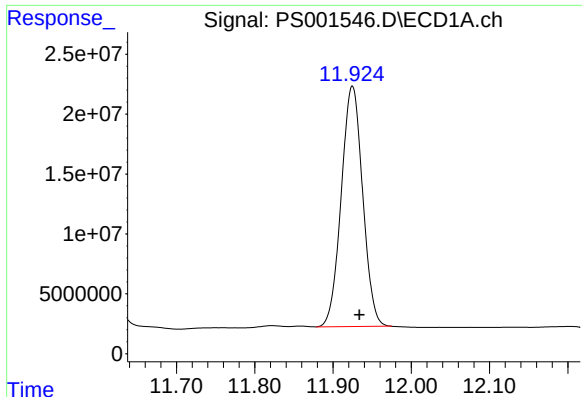
#4 2,4-DCAA

R.T.: 11.609 min  
Delta R.T.: -0.010 min  
Response: 104163910  
Conc: 561.38 ng/ml m



#4 2,4-DCAA

R.T.: 11.028 min  
Delta R.T.: -0.010 min  
Response: 96970688  
Conc: 533.17 ng/ml m



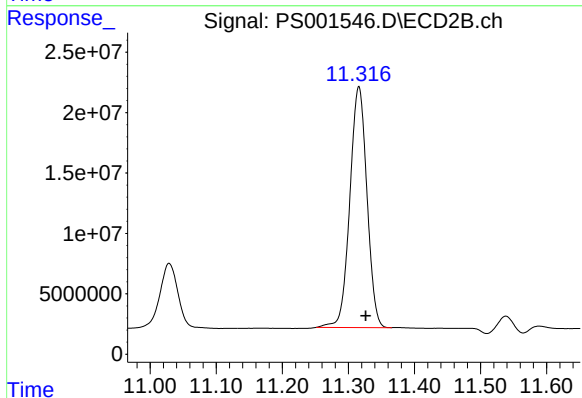
#5 DICAMBA

R.T.: 11.924 min  
Delta R.T.: -0.009 min  
Response: 381549043  
Conc: 530.69 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
PB112138BS

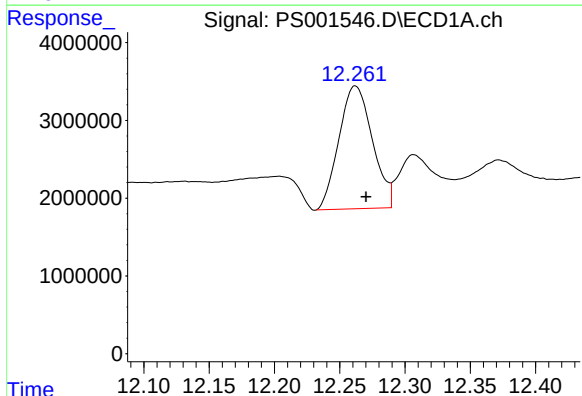
Manual Integrations  
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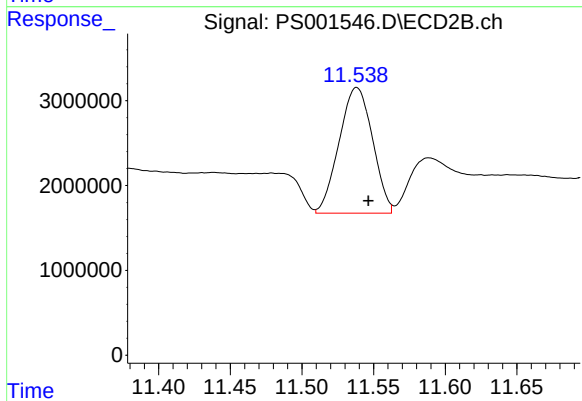
#5 DICAMBA

R.T.: 11.316 min  
Delta R.T.: -0.011 min  
Response: 358691414  
Conc: 523.34 ng/ml



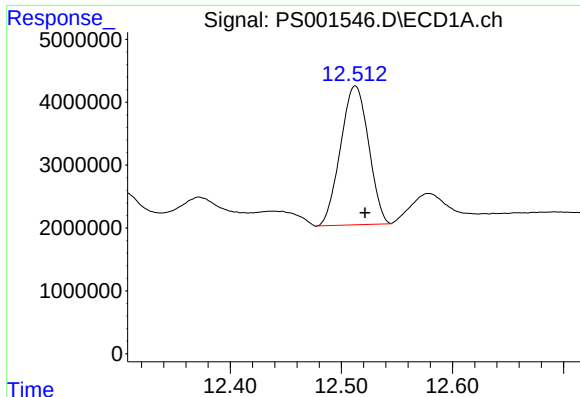
#6 MCP

R.T.: 12.261 min  
Delta R.T.: -0.009 min  
Response: 28305246  
Conc: 56.32 ug/ml m



#6 MCP

R.T.: 11.538 min  
Delta R.T.: -0.009 min  
Response: 24025346  
Conc: 55.37 ug/ml m



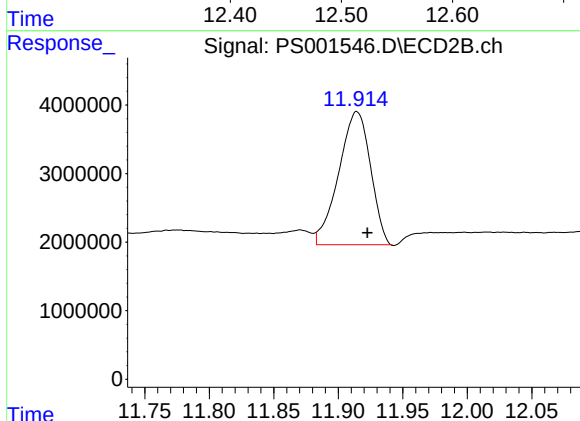
#7 MCPA

R.T.: 12.512 min  
Delta R.T.: -0.009 min  
Response: 38720193  
Conc: 49.10 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB112138BS

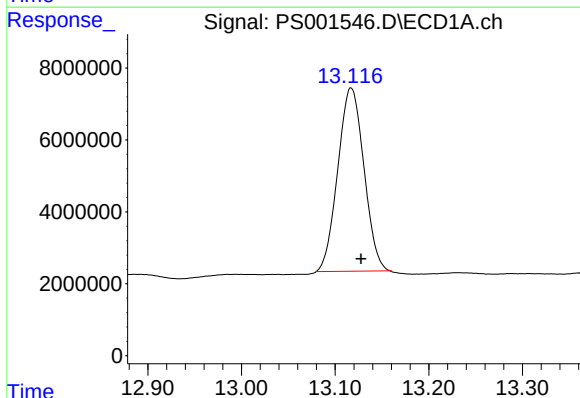
Manual Integrations  
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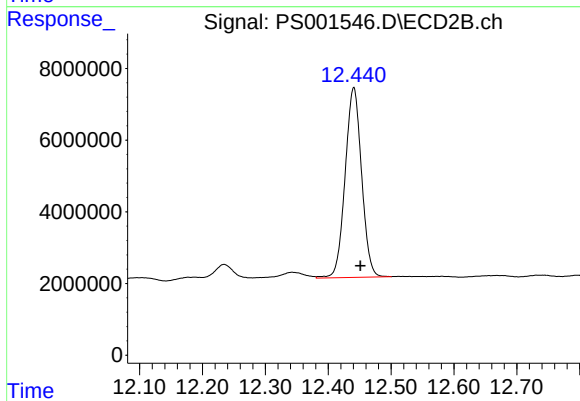
#7 MCPA

R.T.: 11.914 min  
Delta R.T.: -0.009 min  
Response: 33266609  
Conc: 51.16 ug/ml m



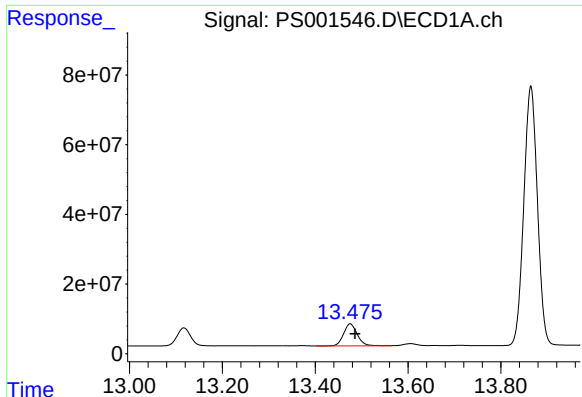
#8 DICHLORPROP

R.T.: 13.116 min  
Delta R.T.: -0.011 min  
Response: 98773159  
Conc: 541.10 ng/ml m



#8 DICHLORPROP

R.T.: 12.441 min  
Delta R.T.: -0.010 min  
Response: 96167539  
Conc: 542.87 ng/ml



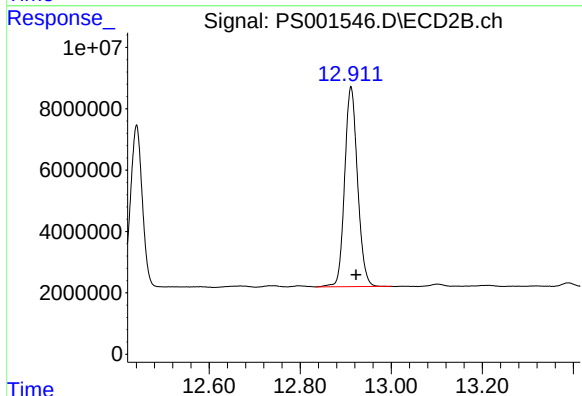
#9 2,4-D

R.T.: 13.475 min  
Delta R.T.: -0.011 min  
Response: 130133728  
Conc: 530.15 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB112138BS

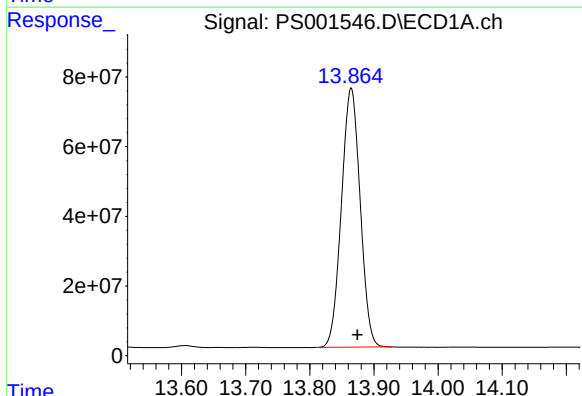
Manual Integrations  
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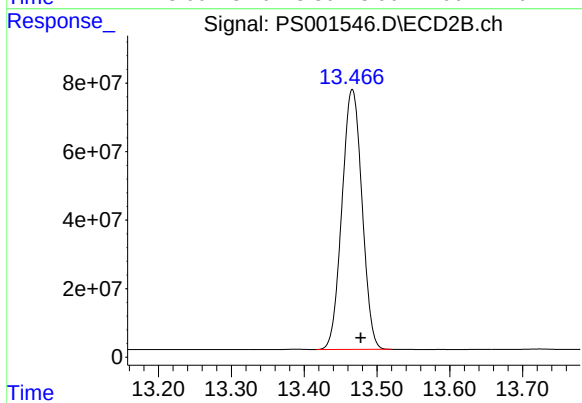
#9 2,4-D

R.T.: 12.912 min  
Delta R.T.: -0.011 min  
Response: 127959705  
Conc: 539.25 ng/ml



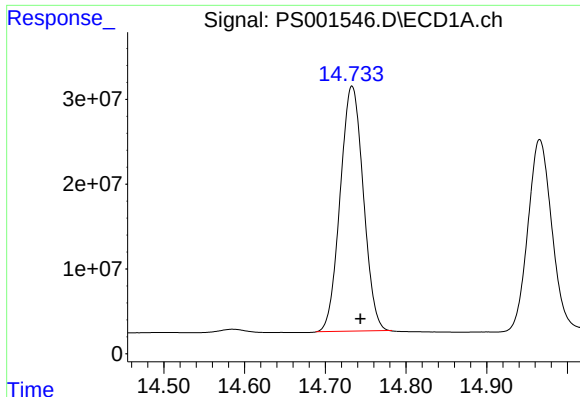
#10 Pentachlorophenol

R.T.: 13.864 min  
Delta R.T.: -0.010 min  
Response: 1509554453  
Conc: 536.16 ng/ml m



#10 Pentachlorophenol

R.T.: 13.466 min  
Delta R.T.: -0.012 min  
Response: 1452985334  
Conc: 527.94 ng/ml m



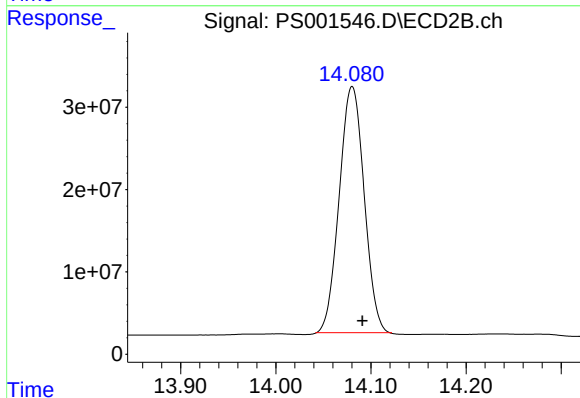
#11 2,4,5-TP (SILVEX)

R.T.: 14.733 min  
Delta R.T.: -0.011 min  
Response: 574961386  
Conc: 512.30 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
PB112138BS

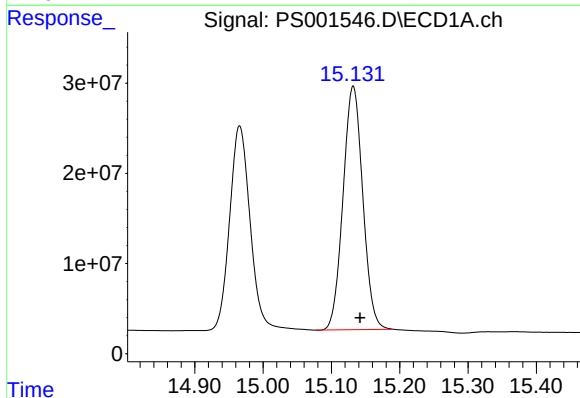
Manual Integrations  
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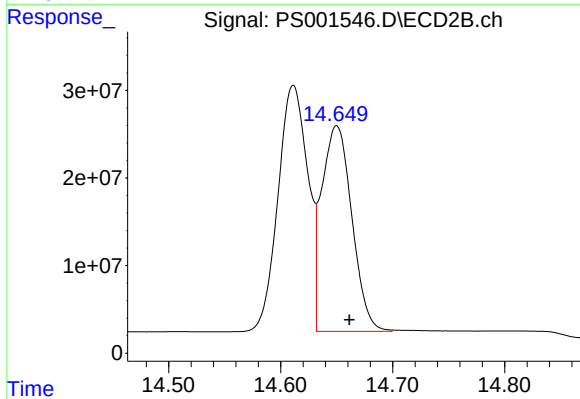
#11 2,4,5-TP (SILVEX)

R.T.: 14.080 min  
Delta R.T.: -0.011 min  
Response: 544831741  
Conc: 498.27 ng/ml m



#12 2,4,5-T

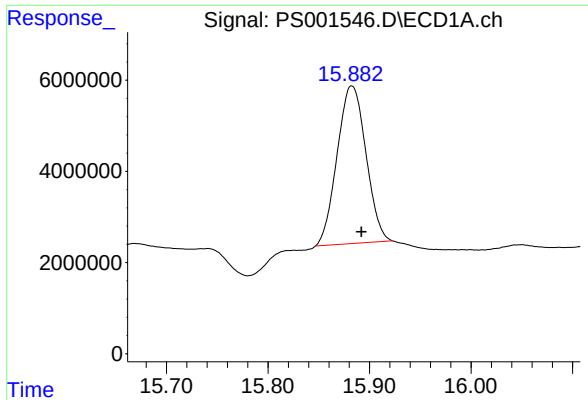
R.T.: 15.131 min  
Delta R.T.: -0.010 min  
Response: 542569641  
Conc: 487.60 ng/ml m



#12 2,4,5-T

R.T.: 14.649 min  
Delta R.T.: -0.012 min  
Response: 434862536  
Conc: 470.77 ng/ml m





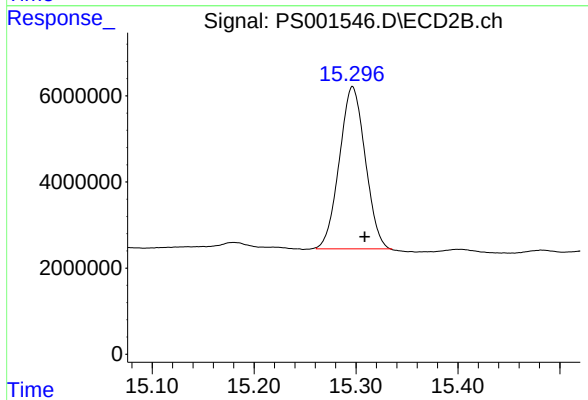
#13 2,4-DB

R.T.: 15.882 min  
Delta R.T.: -0.011 min  
Response: 68212897  
Conc: 473.82 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
PB112138BS

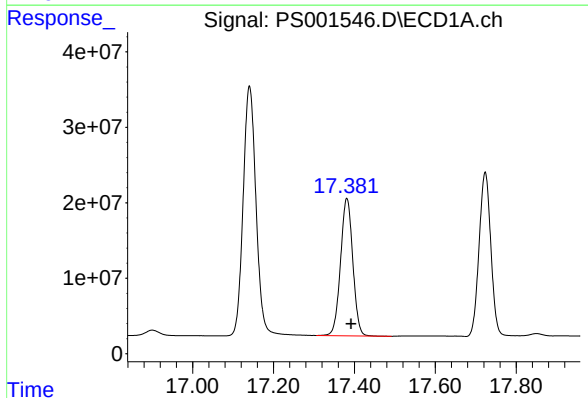
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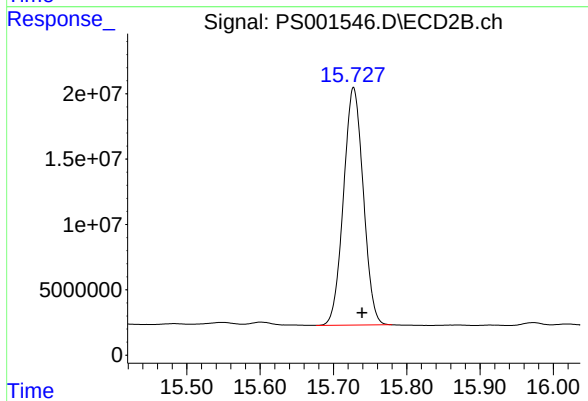
#13 2,4-DB

R.T.: 15.296 min  
Delta R.T.: -0.012 min  
Response: 66359320  
Conc: 498.33 ng/ml m



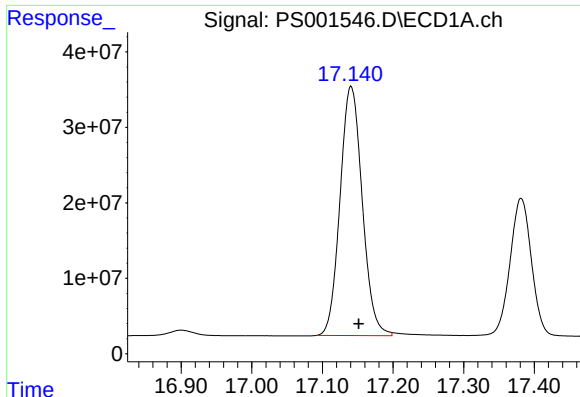
#14 DINOSEB

R.T.: 17.381 min  
Delta R.T.: -0.011 min  
Response: 382301618  
Conc: 497.75 ng/ml



#14 DINOSEB

R.T.: 15.727 min  
Delta R.T.: -0.012 min  
Response: 340498295  
Conc: 479.03 ng/ml m



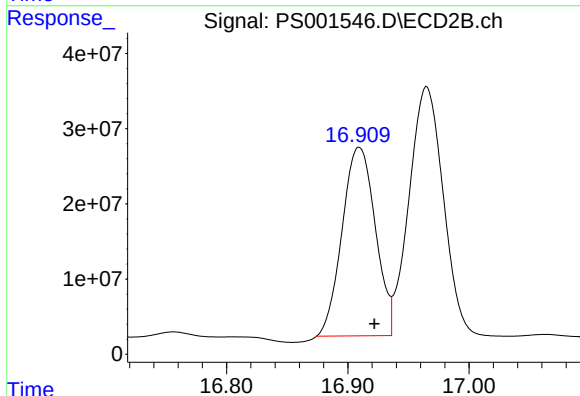
#15 Picloram

R.T.: 17.140 min  
Delta R.T.: -0.012 min  
Response: 721189995  
Conc: 456.26 ng/ml m

Instrument :  
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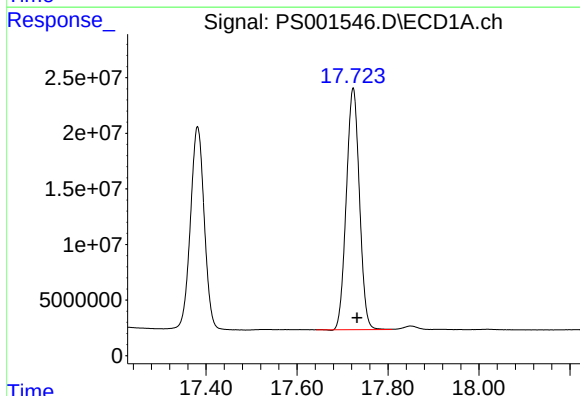
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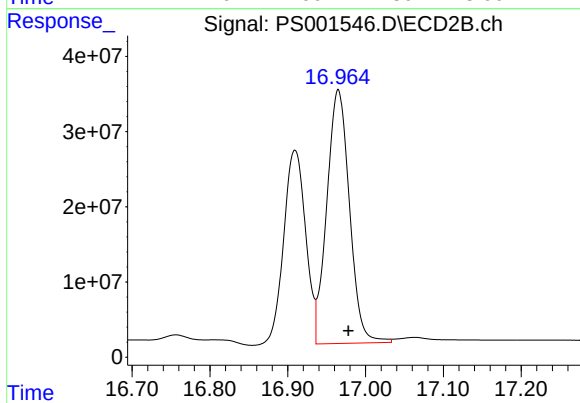
#15 Picloram

R.T.: 16.909 min  
Delta R.T.: -0.013 min  
Response: 480395828  
Conc: 348.49 ng/ml m



#16 DCPA

R.T.: 17.723 min  
Delta R.T.: -0.009 min  
Response: 434565899  
Conc: 321.88 ng/ml



#16 DCPA

R.T.: 16.965 min  
Delta R.T.: -0.013 min  
Response: 683989258  
Conc: 473.58 ng/ml