

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS091619\  
 Data File : PS006730.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2019 10:00  
 Operator : SM\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 11:48:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS090919.M  
 Quant Title : 8080.M  
 QLast Update : Tue Sep 10 06:14:42 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     | 5.480 | 5.209 | 576.1E6  | 298.1E6  | 741.568  | 698.038  |
| Target Compounds            |              |       |       |          |          |          |          |
| 1) T                        | Dalapon      | 2.049 | 1.757 | 706.8E6  | 349.0E6  | 723.114  | 682.829  |
| 2) T                        | 3,5-DICHL... | 4.846 | 4.512 | 686.7E6  | 380.9E6  | 693.689m | 703.692  |
| 3) T                        | 4-Nitroph... | 5.332 | 4.895 | 239.7E6  | 146.4E6  | 675.414  | 661.299  |
| 5) T                        | DICAMBA      | 5.632 | 5.337 | 2031.1E6 | 1114.3E6 | 704.529  | 695.055  |
| 6) T                        | MCPD         | 5.784 | 5.421 | 133.2E6  | 75665115 | 70.045   | 71.496   |
| 7) T                        | MCPA         | 5.917 | 5.598 | 200.4E6  | 113.0E6  | 70.916   | 64.431   |
| 8) T                        | DICHLORPROP  | 6.260 | 5.876 | 500.9E6  | 266.1E6  | 704.399  | 683.768  |
| 9) T                        | 2,4-D        | 6.474 | 6.146 | 576.9E6  | 343.9E6  | 746.709  | 720.952  |
| 10) T                       | Pentachlo... | 6.736 | 6.514 | 8804.7E6 | 4657.1E6 | 790.377  | 772.972  |
| 11) T                       | 2,4,5-TP ... | 7.270 | 6.876 | 3099.1E6 | 1638.1E6 | 720.214  | 719.570m |
| 12) T                       | 2,4,5-T      | 7.542 | 7.235 | 3433.8E6 | 1631.4E6 | 736.928  | 756.619m |
| 13) T                       | 2,4-DB       | 8.072 | 7.721 | 437.7E6  | 199.1E6  | 719.313  | 724.096  |
| 14) T                       | DINOSEB      | 9.162 | 8.031 | 2628.6E6 | 1284.2E6 | 755.153  | 766.549  |
| 15) T                       | Picloram     | 8.993 | 8.969 | 4810.6E6 | 2603.9E6 | 713.142  | 703.633  |
| 16) T                       | DCPA         | 9.434 | 8.927 | 4128.1E6 | 2255.1E6 | 730.748  | 715.862m |
| -----                       |              |       |       |          |          |          |          |

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

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Acq On : 16 Sep 2019 10:00  
Operator : SM\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

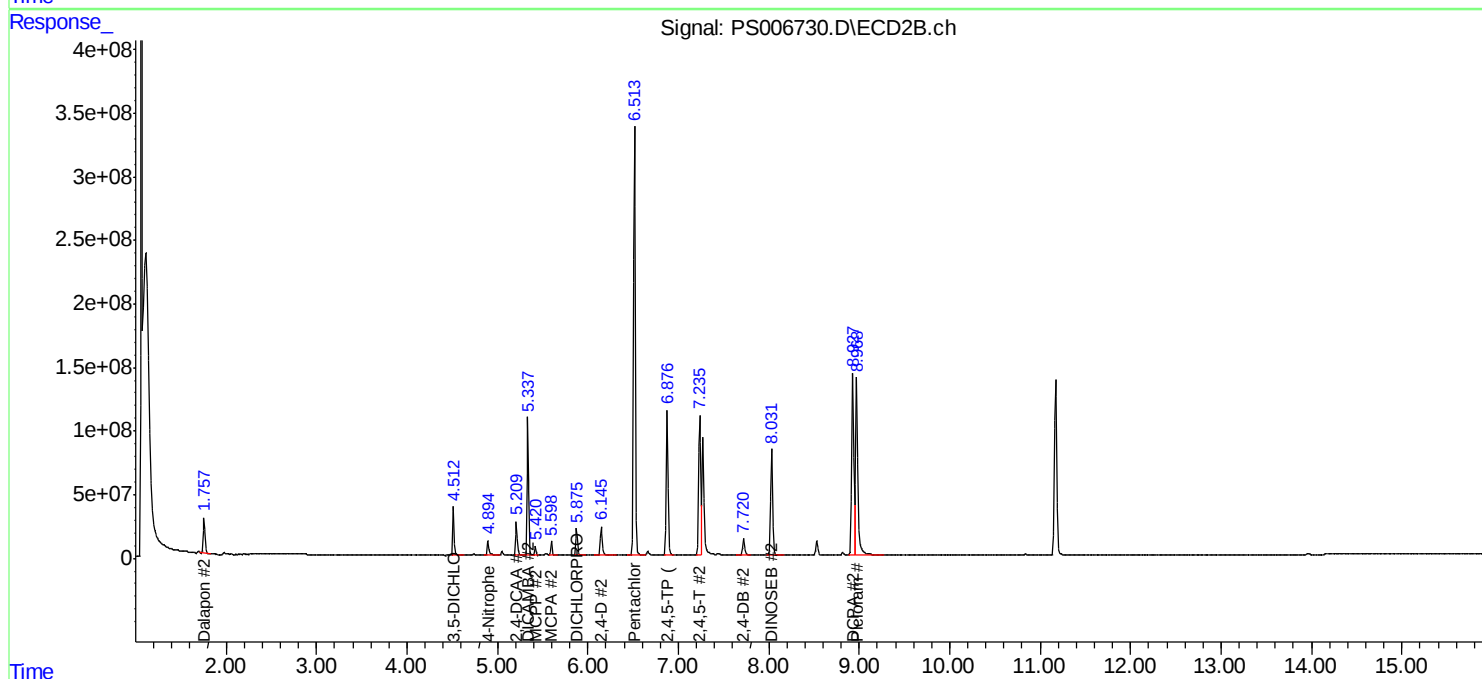
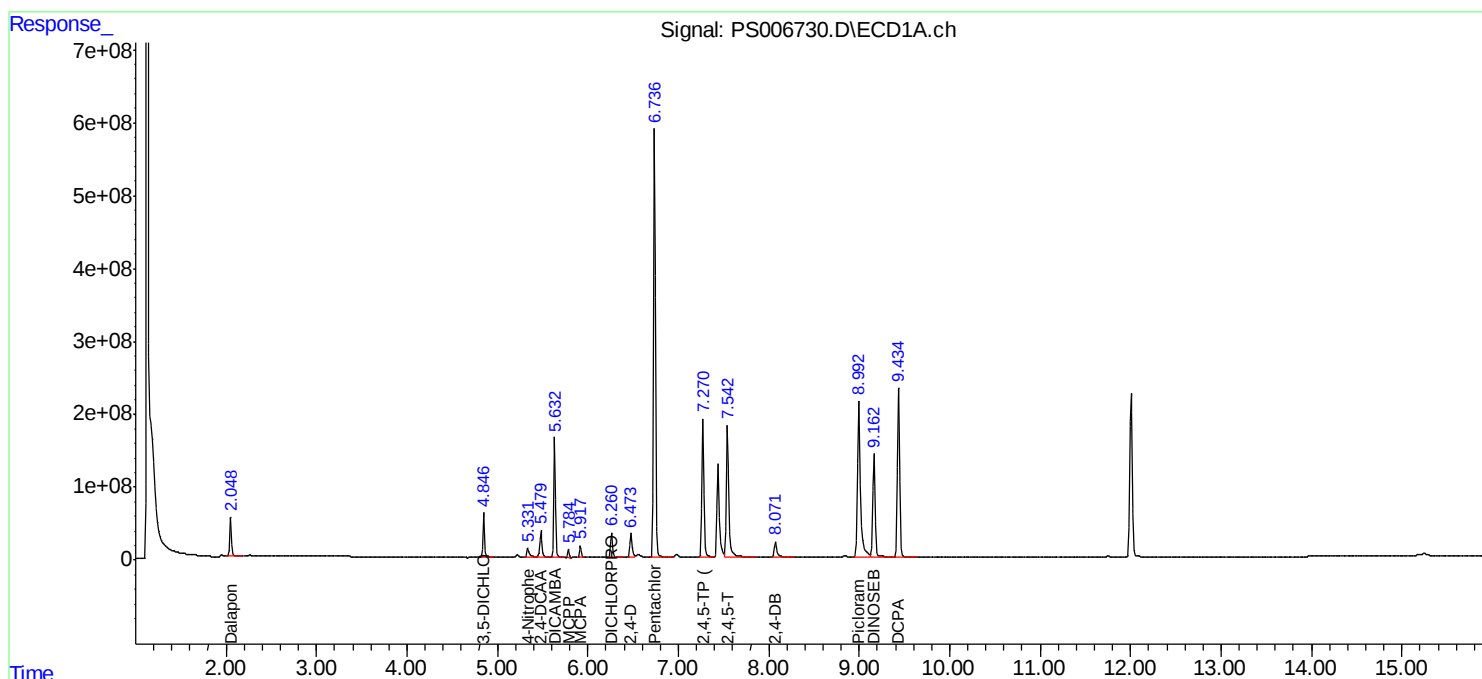
Instrument :  
ECD\_S  
ClientSampled :  
HSTDCCC750

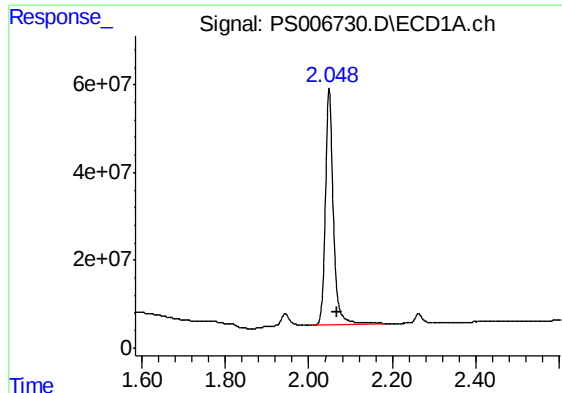
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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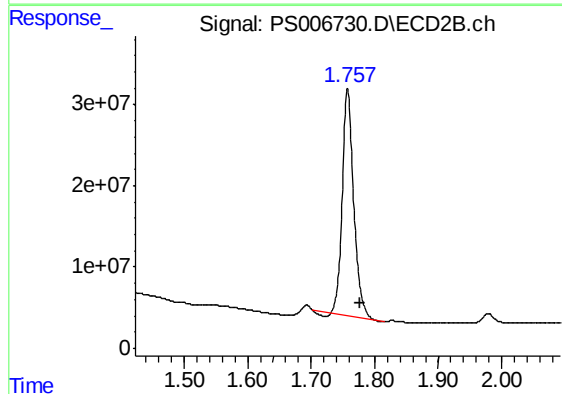
#1 Dalapon

R.T.: 2.049 min  
Delta R.T.: -0.019 min  
Response: 706771156  
Conc: 723.11 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

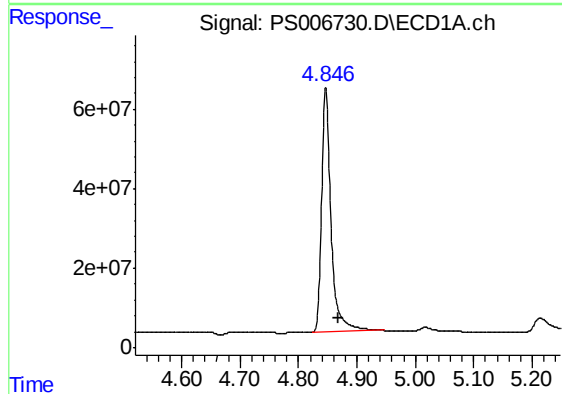
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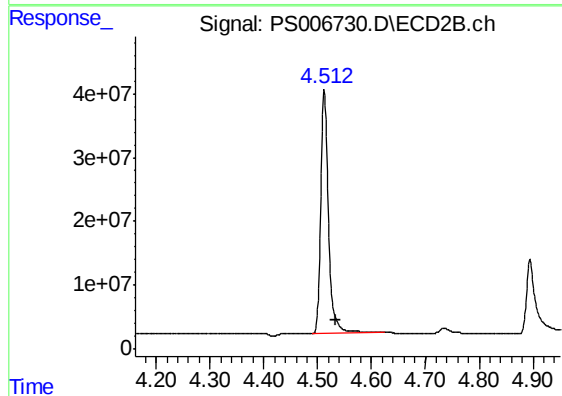
#1 Dalapon

R.T.: 1.757 min  
Delta R.T.: -0.020 min  
Response: 348958853  
Conc: 682.83 ng/ml



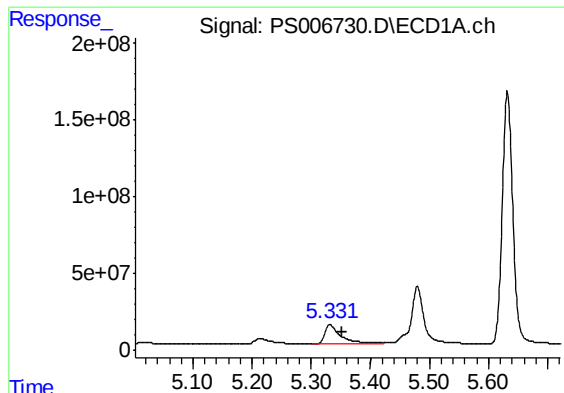
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.846 min  
Delta R.T.: -0.022 min  
Response: 686738910  
Conc: 693.69 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.512 min  
Delta R.T.: -0.021 min  
Response: 380874661  
Conc: 703.69 ng/ml



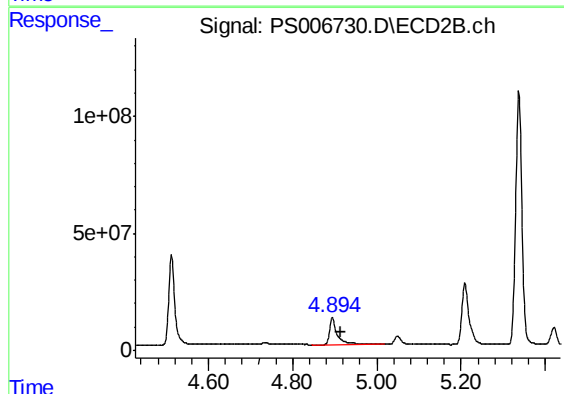
#3 4-Nitrophenol

R.T.: 5.332 min  
Delta R.T.: -0.021 min  
Response: 239684139  
Conc: 675.41 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

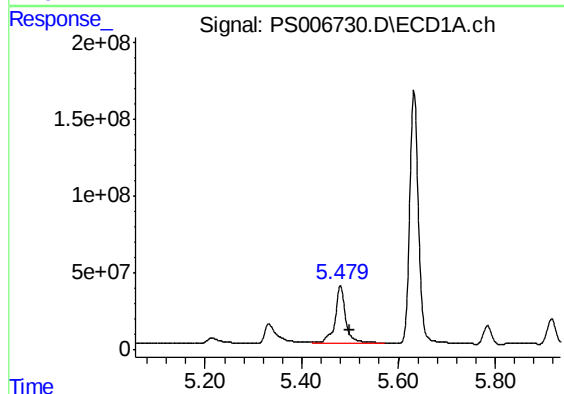
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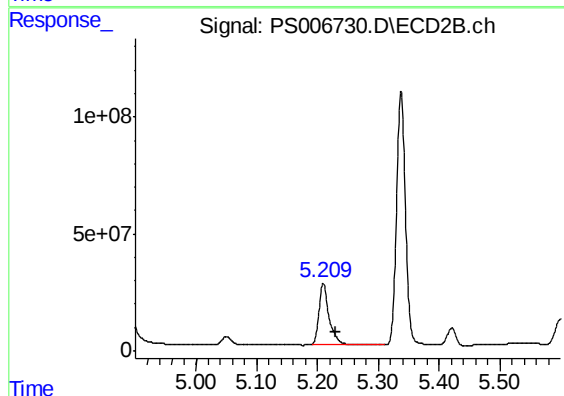
#3 4-Nitrophenol

R.T.: 4.895 min  
Delta R.T.: -0.020 min  
Response: 146378401  
Conc: 661.30 ng/ml



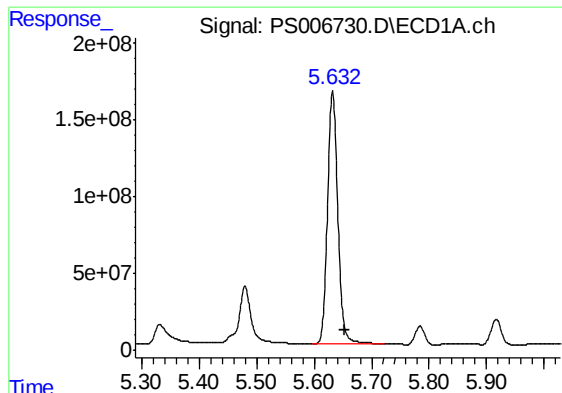
#4 2,4-DCAA

R.T.: 5.480 min  
Delta R.T.: -0.021 min  
Response: 576113451  
Conc: 741.57 ng/ml



#4 2,4-DCAA

R.T.: 5.209 min  
Delta R.T.: -0.021 min  
Response: 298063763  
Conc: 698.04 ng/ml



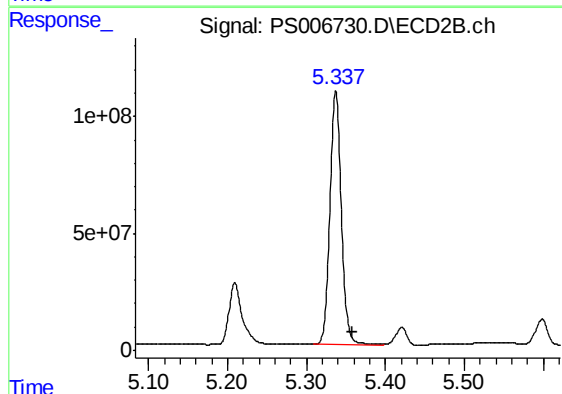
#5 DICAMBA

R.T.: 5.632 min  
Delta R.T.: -0.021 min  
Response: 2031099512  
Conc: 704.53 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

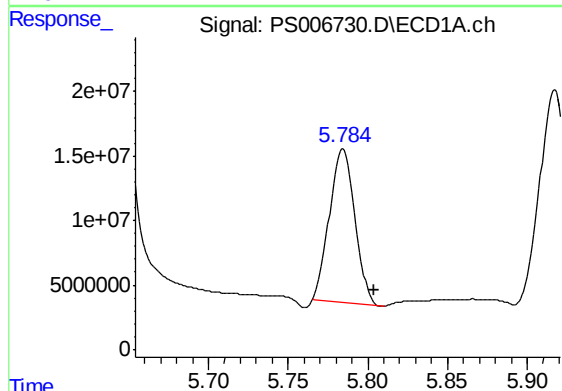
Manual Integrations  
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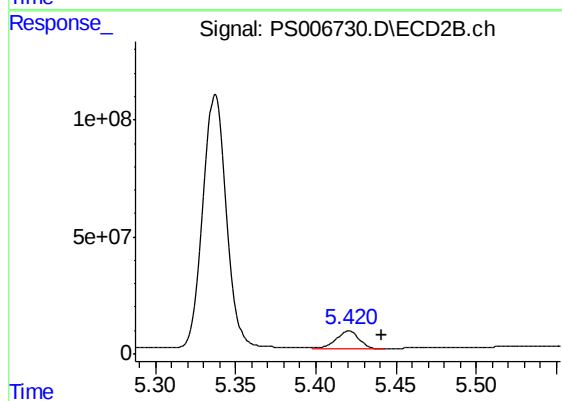
#5 DICAMBA

R.T.: 5.337 min  
Delta R.T.: -0.021 min  
Response: 1114326285  
Conc: 695.06 ng/ml



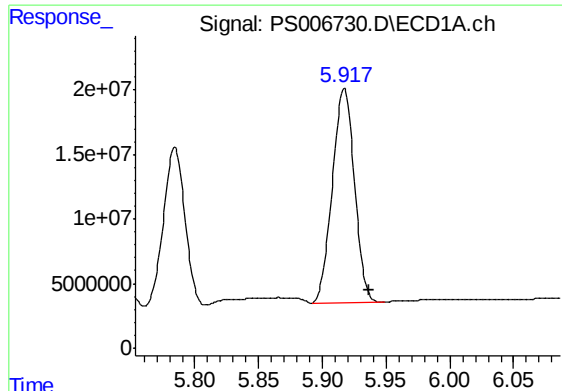
#6 MCPP

R.T.: 5.784 min  
Delta R.T.: -0.020 min  
Response: 133246493  
Conc: 70.04 ug/ml



#6 MCPP

R.T.: 5.421 min  
Delta R.T.: -0.021 min  
Response: 75665115  
Conc: 71.50 ug/ml



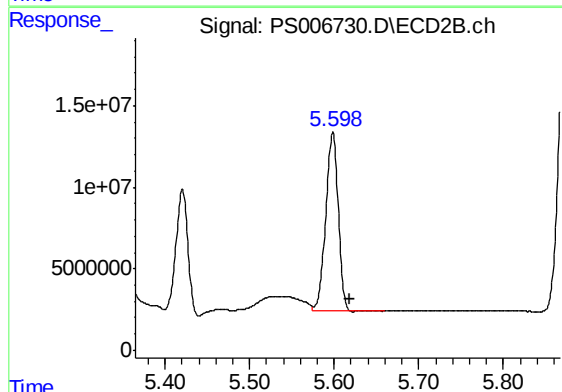
#7 MCPA

R.T.: 5.917 min  
Delta R.T.: -0.020 min  
Response: 200425521  
Conc: 70.92 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

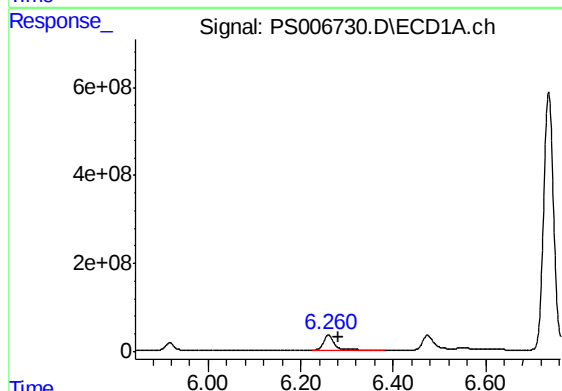
Manual Integrations  
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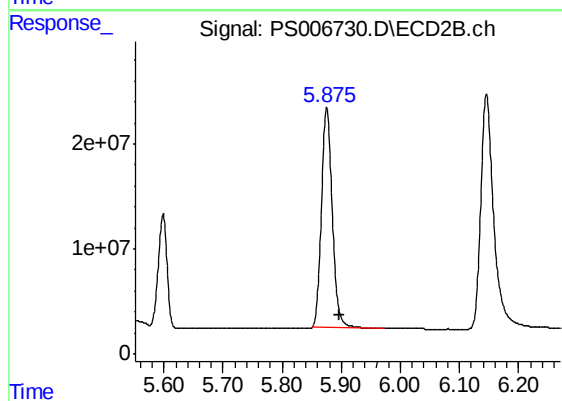
#7 MCPA

R.T.: 5.598 min  
Delta R.T.: -0.021 min  
Response: 113011808  
Conc: 64.43 ug/ml



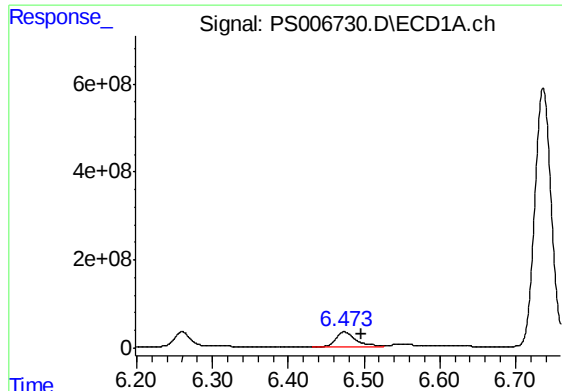
#8 DICHLORPROP

R.T.: 6.260 min  
Delta R.T.: -0.021 min  
Response: 500946906  
Conc: 704.40 ng/ml



#8 DICHLORPROP

R.T.: 5.876 min  
Delta R.T.: -0.022 min  
Response: 266112647  
Conc: 683.77 ng/ml



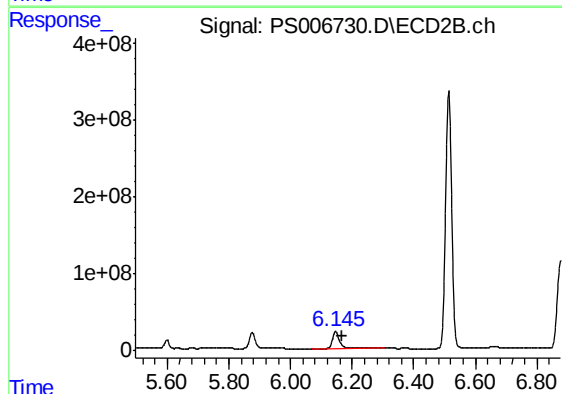
#9 2,4-D

R.T.: 6.474 min  
Delta R.T.: -0.023 min  
Response: 576924559  
Conc: 746.71 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

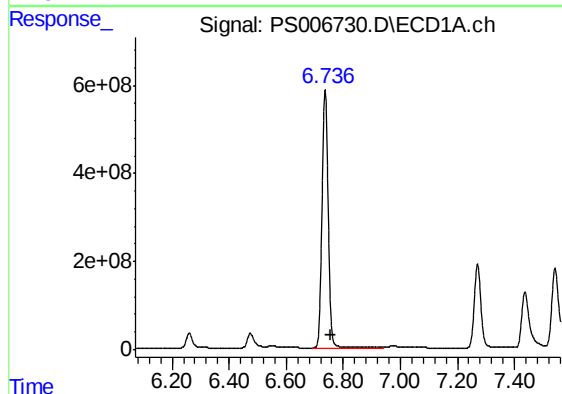
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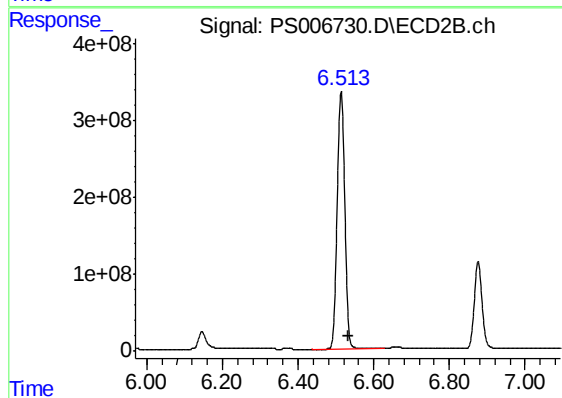
#9 2,4-D

R.T.: 6.146 min  
Delta R.T.: -0.022 min  
Response: 343885493  
Conc: 720.95 ng/ml



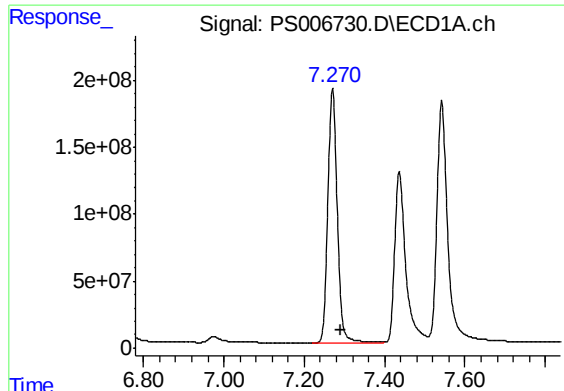
#10 Pentachlorophenol

R.T.: 6.736 min  
Delta R.T.: -0.021 min  
Response: 8804720752  
Conc: 790.38 ng/ml



#10 Pentachlorophenol

R.T.: 6.514 min  
Delta R.T.: -0.021 min  
Response: 4657149423  
Conc: 772.97 ng/ml



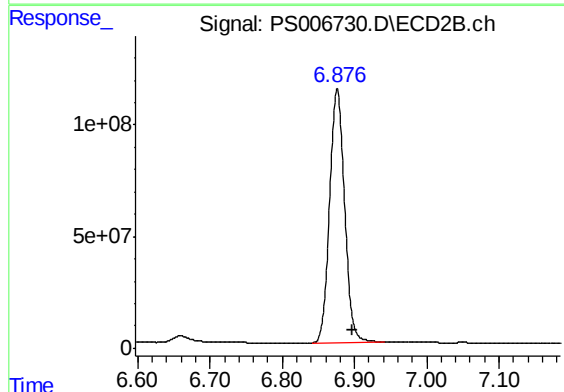
#11 2,4,5-TP (SILVEX)

R.T.: 7.270 min  
Delta R.T.: -0.021 min  
Response: 3099089919  
Conc: 720.21 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

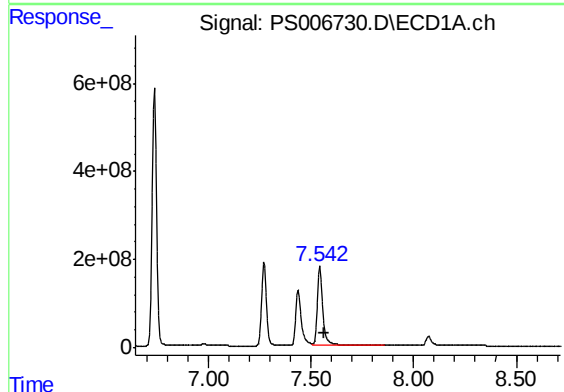
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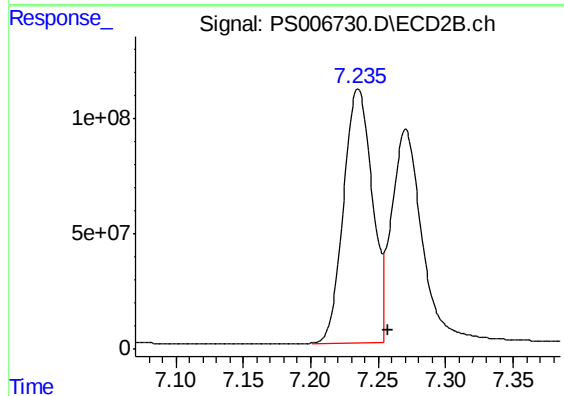
#11 2,4,5-TP (SILVEX)

R.T.: 6.876 min  
Delta R.T.: -0.022 min  
Response: 1638052632  
Conc: 719.57 ng/ml m



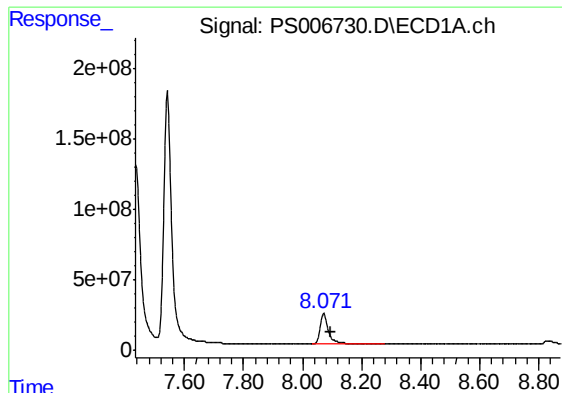
#12 2,4,5-T

R.T.: 7.542 min  
Delta R.T.: -0.023 min  
Response: 3433822065  
Conc: 736.93 ng/ml



#12 2,4,5-T

R.T.: 7.235 min  
Delta R.T.: -0.023 min  
Response: 1631390821  
Conc: 756.62 ng/ml m



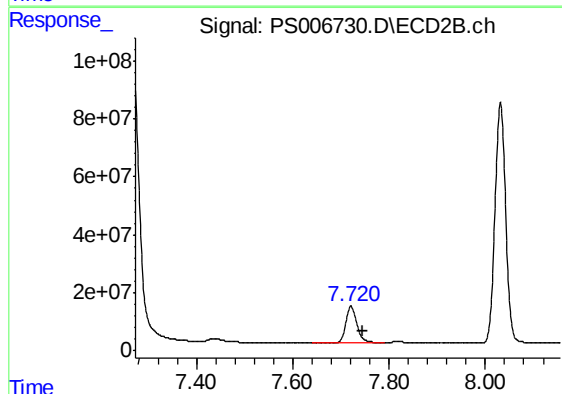
#13 2,4-DB

R.T.: 8.072 min  
Delta R.T.: -0.023 min  
Response: 437740777  
Conc: 719.31 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

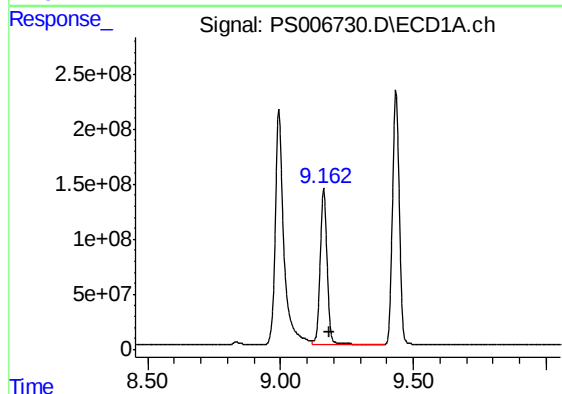
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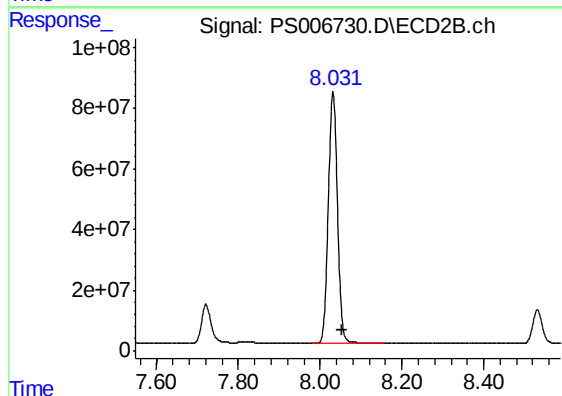
#13 2,4-DB

R.T.: 7.721 min  
Delta R.T.: -0.023 min  
Response: 199091471  
Conc: 724.10 ng/ml



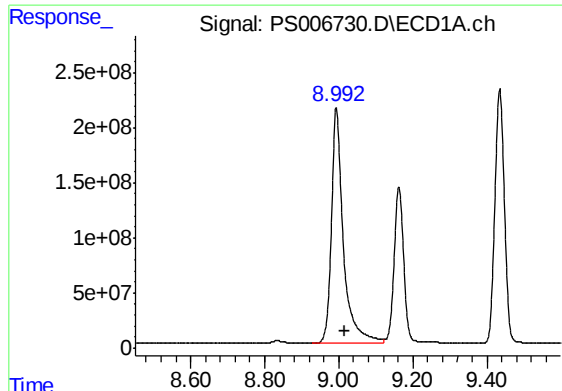
#14 DINOSEB

R.T.: 9.162 min  
Delta R.T.: -0.021 min  
Response: 2628552425  
Conc: 755.15 ng/ml



#14 DINOSEB

R.T.: 8.031 min  
Delta R.T.: -0.022 min  
Response: 1284236442  
Conc: 766.55 ng/ml



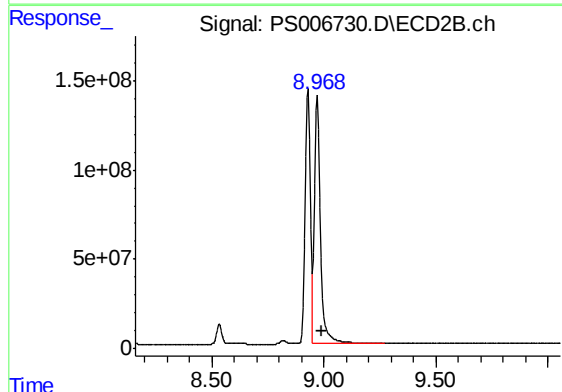
#15 Picloram

R.T.: 8.993 min  
Delta R.T.: -0.024 min  
Response: 4810639329  
Conc: 713.14 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

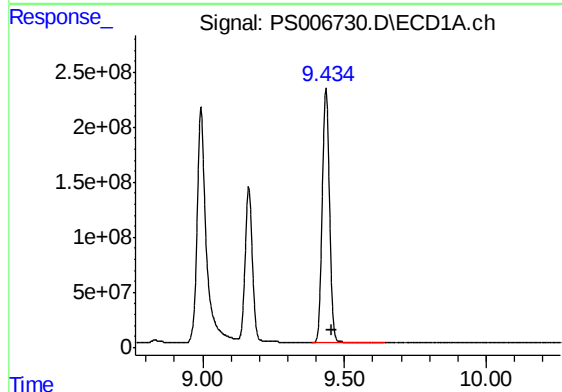
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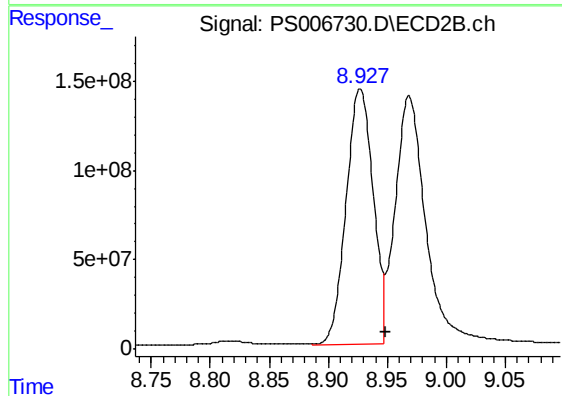
#15 Picloram

R.T.: 8.969 min  
Delta R.T.: -0.023 min  
Response: 2603873085  
Conc: 703.63 ng/ml



#16 DCPA

R.T.: 9.434 min  
Delta R.T.: -0.022 min  
Response: 4128112678  
Conc: 730.75 ng/ml



#16 DCPA

R.T.: 8.927 min  
Delta R.T.: -0.022 min  
Response: 2255127741  
Conc: 715.86 ng/ml m