

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS120821\  
 Data File : PS017576.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Dec 2021 12:07  
 Operator : AJ\MA  
 Sample : PB141219BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB141219BSD

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 12/09/2021  
 Supervised By :mohammad ahmed 12/09/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 08 16:21:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS111821.M  
 Quant Title : 8080.M  
 QLast Update : Fri Nov 19 21:46:29 2021  
 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     | 7.145  | 6.735  | 876.4E6   | 341.2E6  | 557.457 | 575.717m  |
| Target Compounds            |              |        |        |           |          |         |           |
| 1) T                        | Dalapon      | 2.989  | 2.502  | 1214.6E6  | 342.7E6  | 518.842 | 506.123   |
| 2) T                        | 3,5-DICHL... | 6.370  | 5.935  | 1174.5E6  | 451.7E6  | 535.594 | 506.641   |
| 3) T                        | 4-Nitroph... | 6.977  | 6.363  | 360.7E6   | 116.7E6  | 431.224 | 357.568   |
| 5) T                        | DICAMBA      | 7.333  | 6.896  | 3044.6E6  | 1275.2E6 | 498.834 | 490.457   |
| 6) T                        | MCP          | 7.500  | 6.990  | 263.5E6   | 104.7E6  | 56.802m | 49.803    |
| 7) T                        | MCPA         | 7.648  | 7.199  | 318.3E6   | 165.7E6  | 48.568  | 56.544    |
| 8) T                        | DICHLORPROP  | 8.023  | 7.512  | 771.2E6   | 336.2E6  | 502.226 | 510.583   |
| 9) T                        | 2,4-D        | 8.254  | 7.804  | 955.9E6   | 415.2E6  | 511.536 | 532.257   |
| 10) T                       | Pentachlo... | 8.556  | 8.226  | 11992.1E6 | 4597.8E6 | 567.802 | 547.693   |
| 11) T                       | 2,4,5-TP ... | 9.106  | 8.586  | 4622.9E6  | 1859.0E6 | 554.756 | 524.313   |
| 12) T                       | 2,4,5-T      | 9.390  | 8.964  | 4272.4E6  | 1590.0E6 | 505.733 | 478.119   |
| 13) T                       | 2,4-DB       | 9.943  | 9.469  | 588.8E6   | 202.9E6  | 346.083 | 475.870 # |
| 14) T                       | DINOSEB      | 11.089 | 9.792  | 3161.6E6  | 1109.3E6 | 507.687 | 470.492   |
| 15) T                       | Picloram     | 10.920 | 10.775 | 3763.5E6  | 1228.5E6 | 308.673 | 281.534   |
| 16) T                       | DCPA         | 11.358 | 10.721 | 7026.8E6  | 3076.4E6 | 658.005 | 698.163   |
| -----                       |              |        |        |           |          |         |           |

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

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Operator : AJ\MA  
Sample : PB141219BSD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

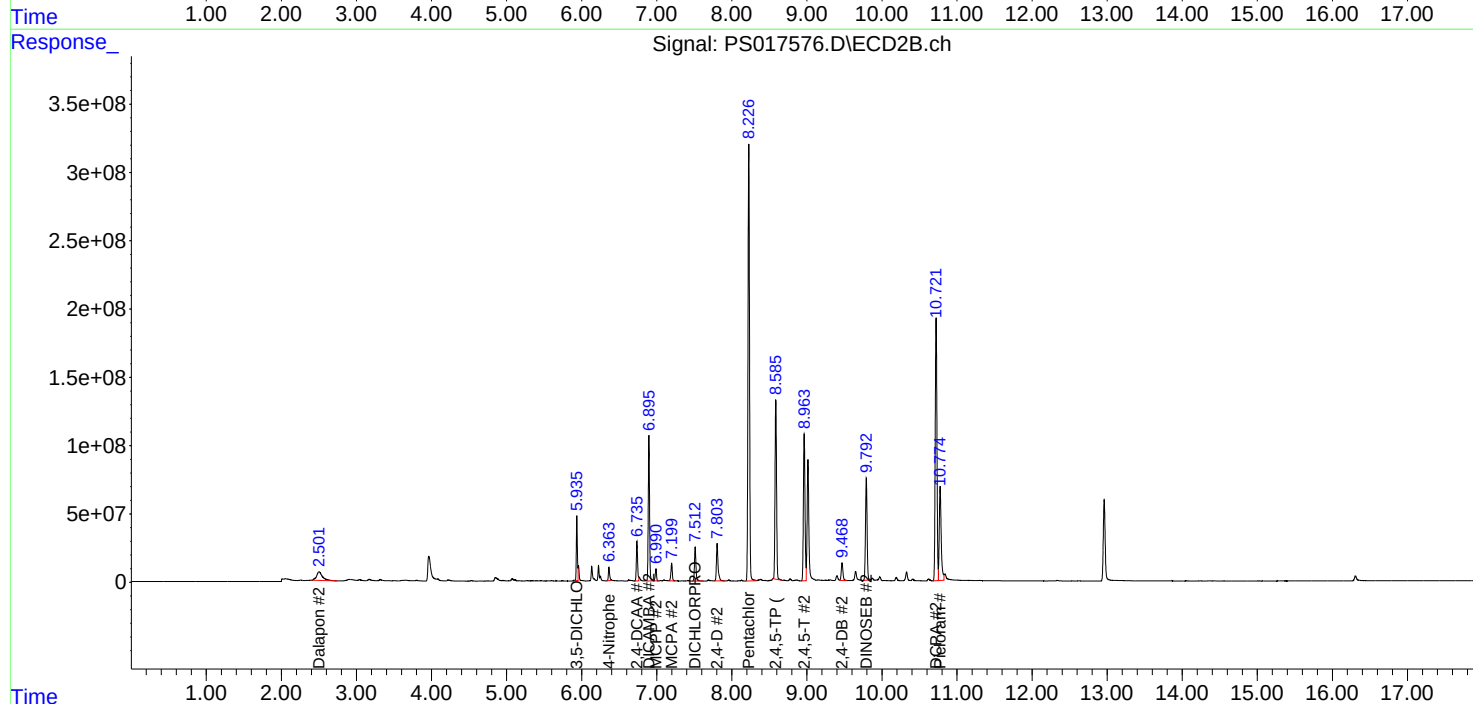
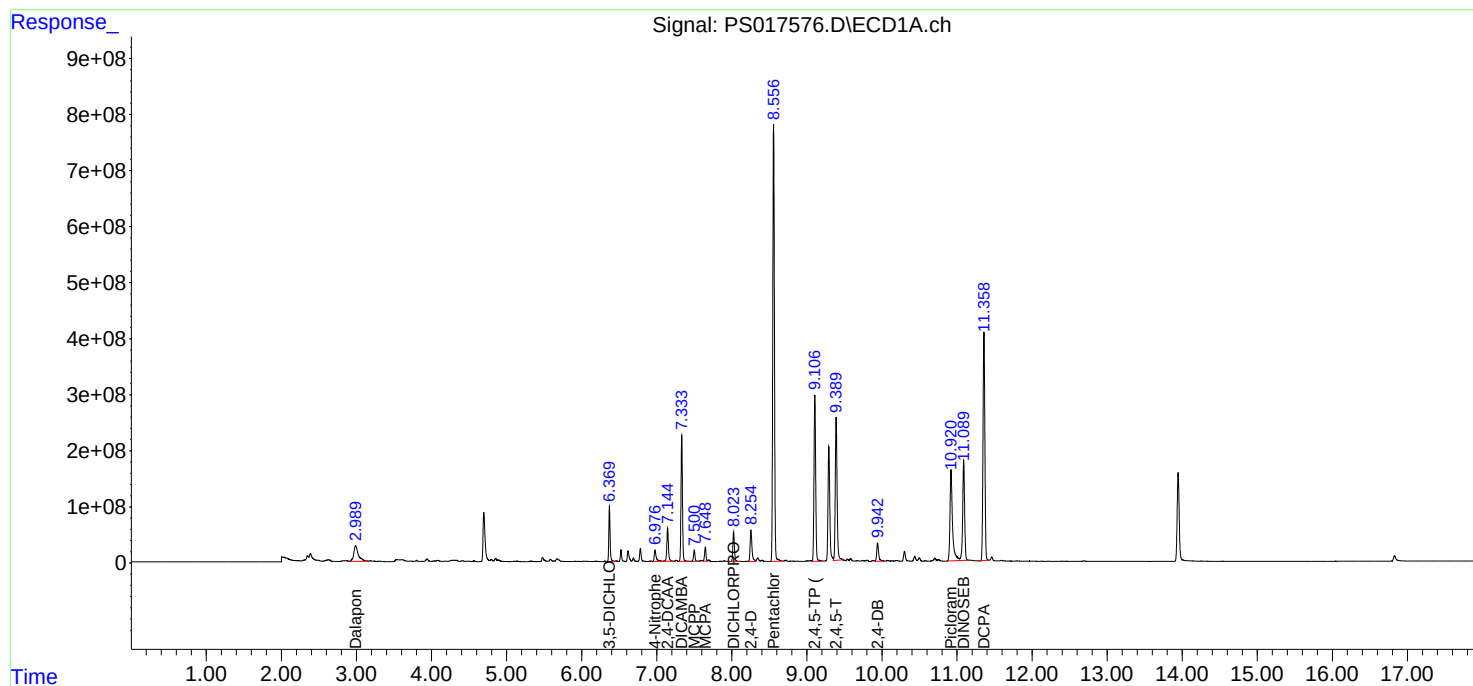
Instrument :  
ECD\_S  
ClientSampleId :  
PB141219BSD

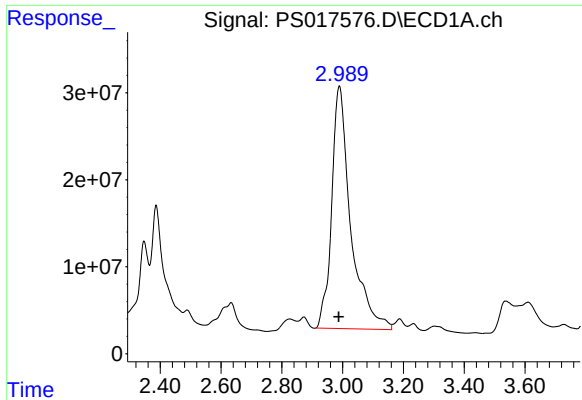
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Integration File signal 1: autoint1.e  
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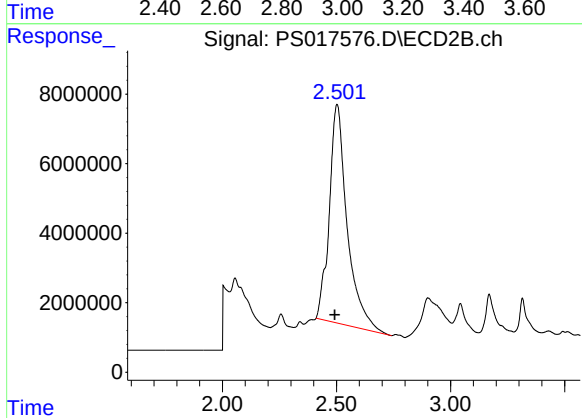
#1 Dalapon

R.T.: 2.989 min  
Delta R.T.: 0.002 min  
Response: 1214557836  
Conc: 518.84 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB141219BSD

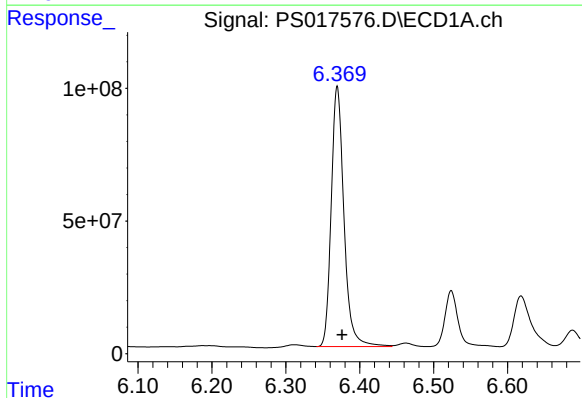
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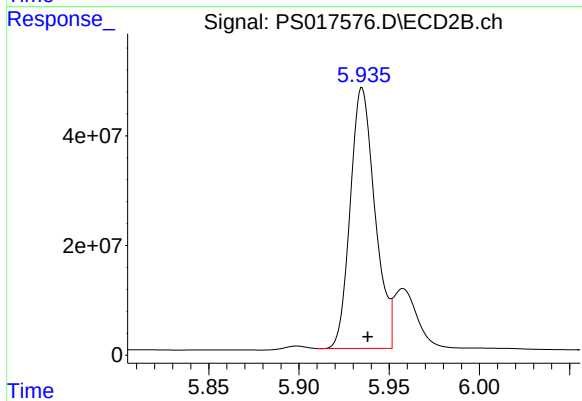
#1 Dalapon

R.T.: 2.502 min  
Delta R.T.: 0.010 min  
Response: 342719851  
Conc: 506.12 ng/ml



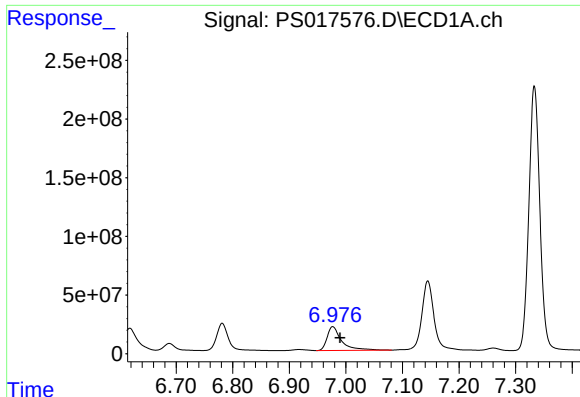
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.370 min  
Delta R.T.: -0.007 min  
Response: 1174499740  
Conc: 535.59 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.935 min  
Delta R.T.: -0.003 min  
Response: 451651573  
Conc: 506.64 ng/ml



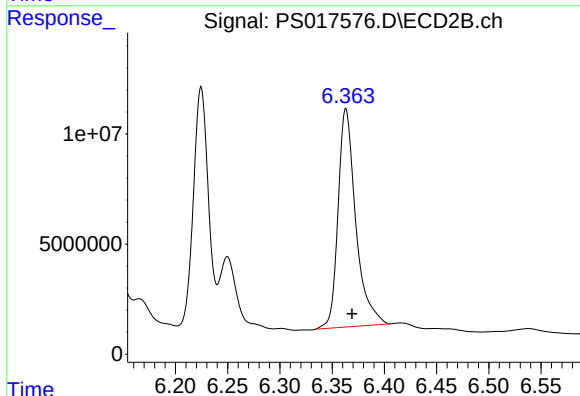
#3 4-Nitrophenol

R.T.: 6.977 min  
Delta R.T.: -0.013 min  
Response: 360689883  
Conc: 431.22 ng/ml

Instrument :  
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ClientSampleId :  
PB141219BSD

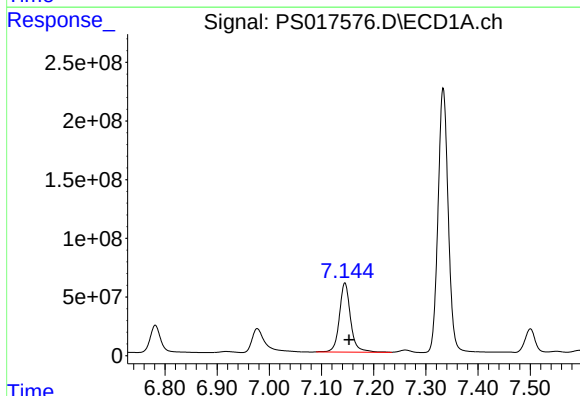
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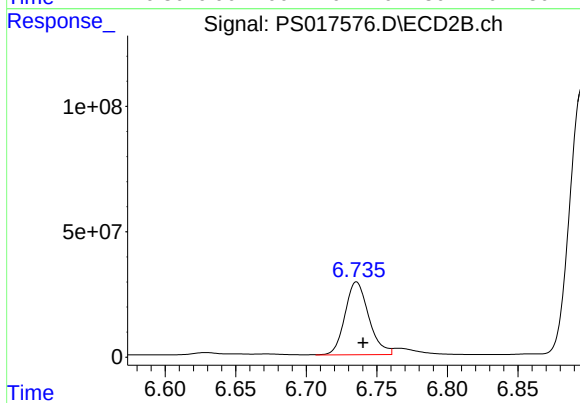
#3 4-Nitrophenol

R.T.: 6.363 min  
Delta R.T.: -0.006 min  
Response: 116704127  
Conc: 357.57 ng/ml



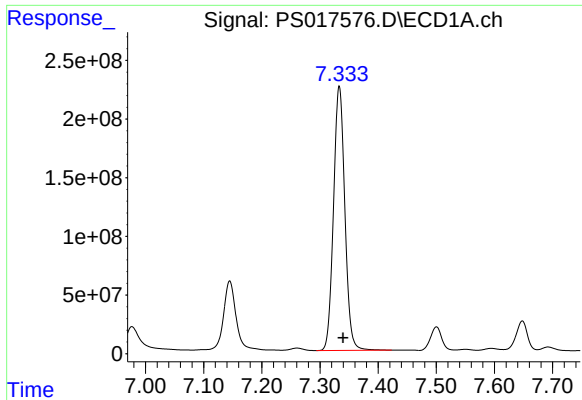
#4 2,4-DCAA

R.T.: 7.145 min  
Delta R.T.: -0.008 min  
Response: 876430091  
Conc: 557.46 ng/ml



#4 2,4-DCAA

R.T.: 6.735 min  
Delta R.T.: -0.005 min  
Response: 341157058  
Conc: 575.72 ng/ml m



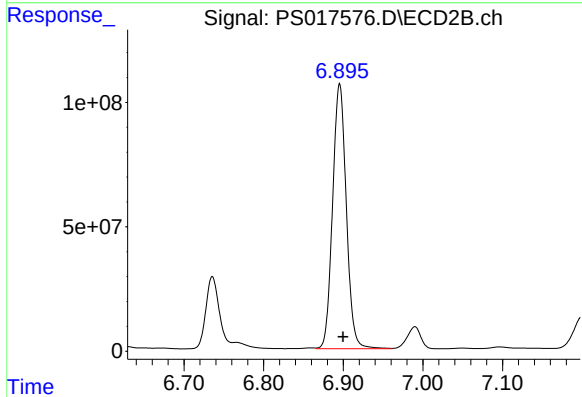
#5 DICAMBA

R.T.: 7.333 min  
Delta R.T.: -0.007 min  
Response: 3044646466  
Conc: 498.83 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB141219BSD

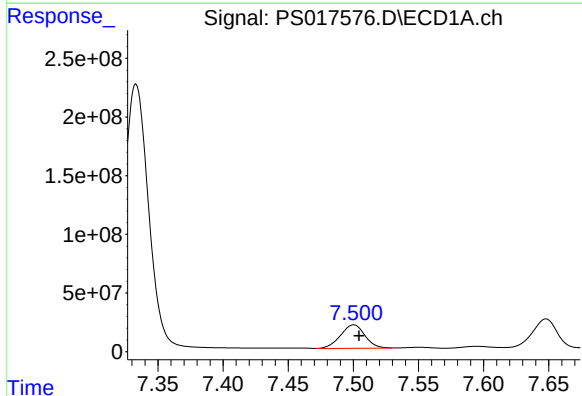
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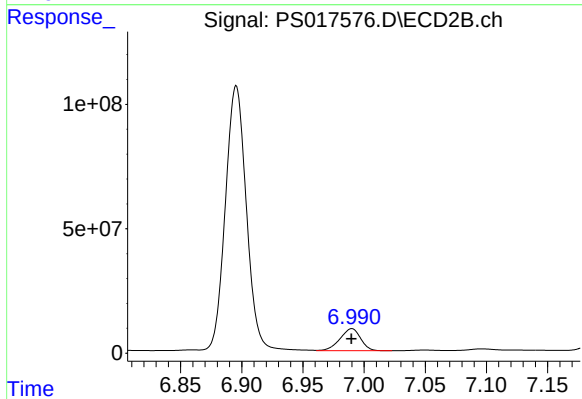
#5 DICAMBA

R.T.: 6.896 min  
Delta R.T.: -0.004 min  
Response: 1275181001  
Conc: 490.46 ng/ml



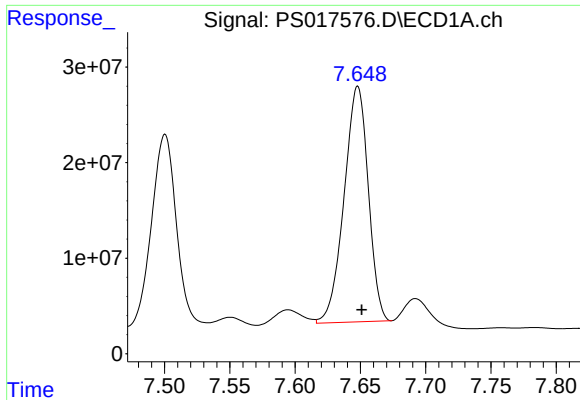
#6 MCP

R.T.: 7.500 min  
Delta R.T.: -0.004 min  
Response: 263547187  
Conc: 56.80 ug/ml m



#6 MCP

R.T.: 6.990 min  
Delta R.T.: 0.000 min  
Response: 104739340  
Conc: 49.80 ug/ml



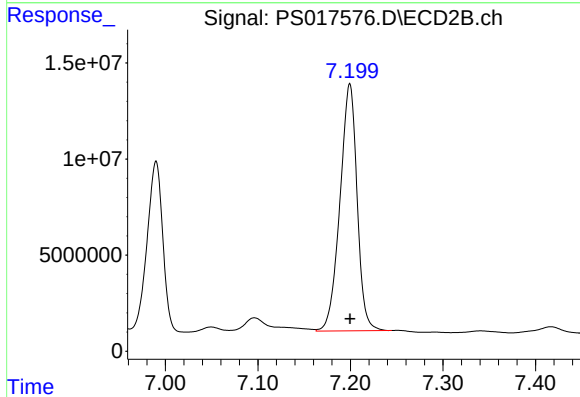
#7 MCPA

R.T.: 7.648 min  
Delta R.T.: -0.003 min  
Response: 318343021  
Conc: 48.57 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB141219BSD

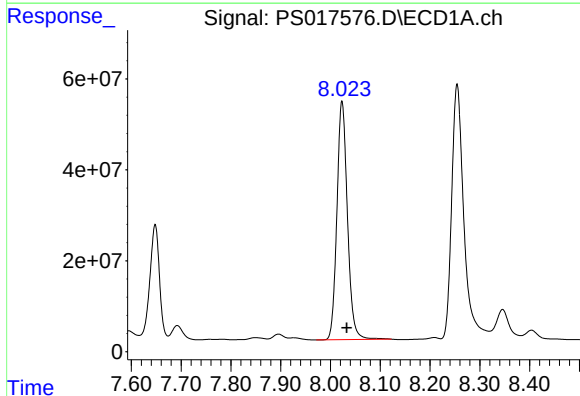
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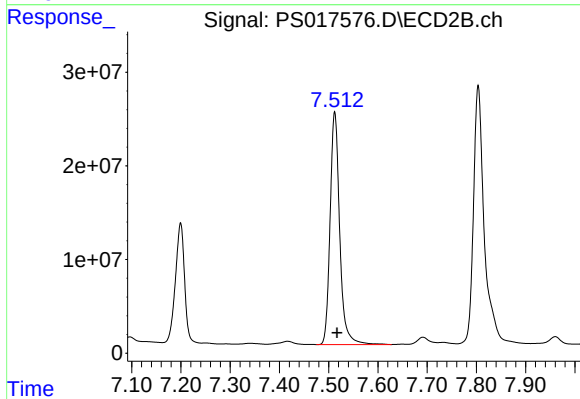
#7 MCPA

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 165650589  
Conc: 56.54 ug/ml



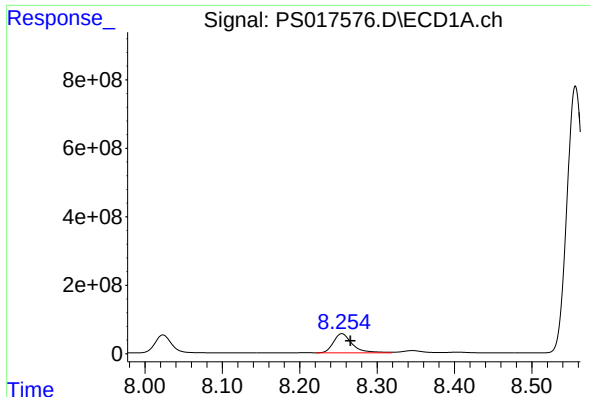
#8 DICHLORPROP

R.T.: 8.023 min  
Delta R.T.: -0.009 min  
Response: 771229307  
Conc: 502.23 ng/ml



#8 DICHLORPROP

R.T.: 7.512 min  
Delta R.T.: -0.005 min  
Response: 336178093  
Conc: 510.58 ng/ml



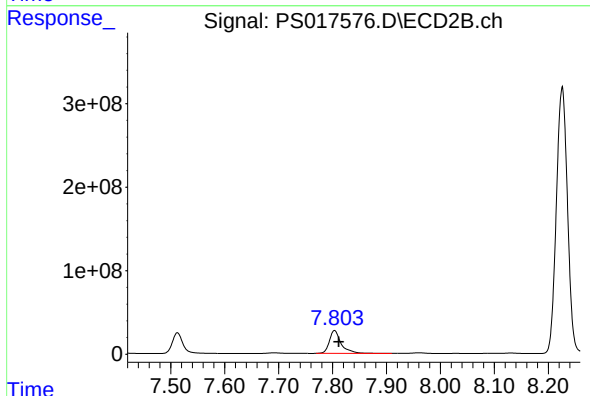
#9 2,4-D

R.T.: 8.254 min  
Delta R.T.: -0.011 min  
Response: 955851899  
Conc: 511.54 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB141219BSD

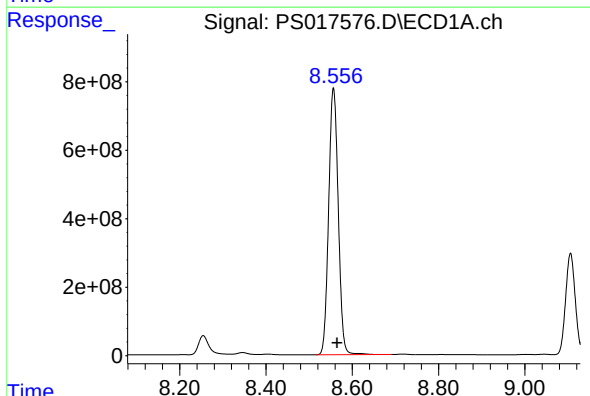
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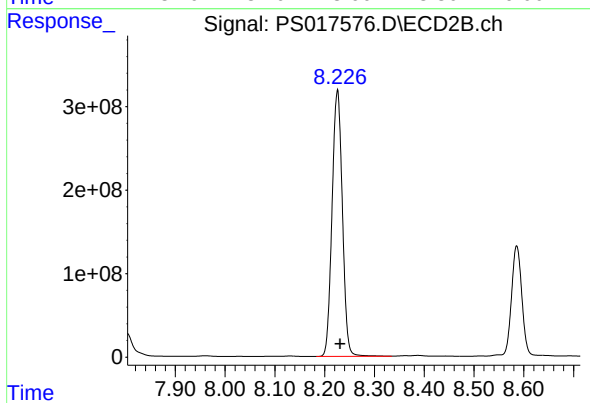
#9 2,4-D

R.T.: 7.804 min  
Delta R.T.: -0.008 min  
Response: 415154756  
Conc: 532.26 ng/ml



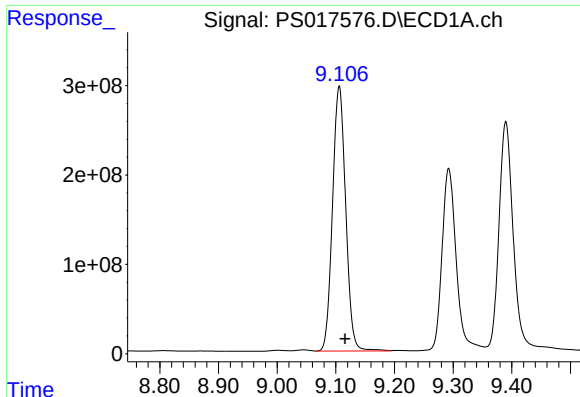
#10 Pentachlorophenol

R.T.: 8.556 min  
Delta R.T.: -0.008 min  
Response: 11992074773  
Conc: 567.80 ng/ml



#10 Pentachlorophenol

R.T.: 8.226 min  
Delta R.T.: -0.005 min  
Response: 4597786339  
Conc: 547.69 ng/ml



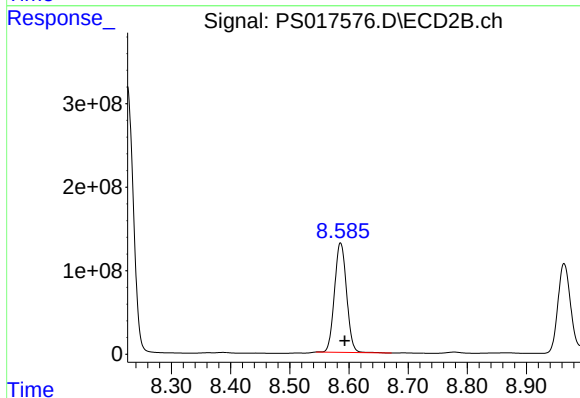
#11 2,4,5-TP (SILVEX)

R.T.: 9.106 min  
Delta R.T.: -0.010 min  
Response: 4622877169  
Conc: 554.76 ng/ml

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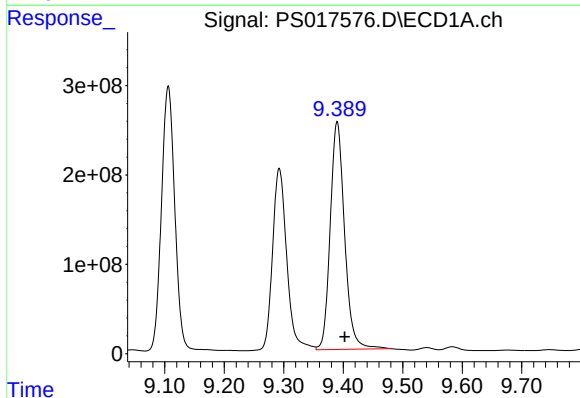
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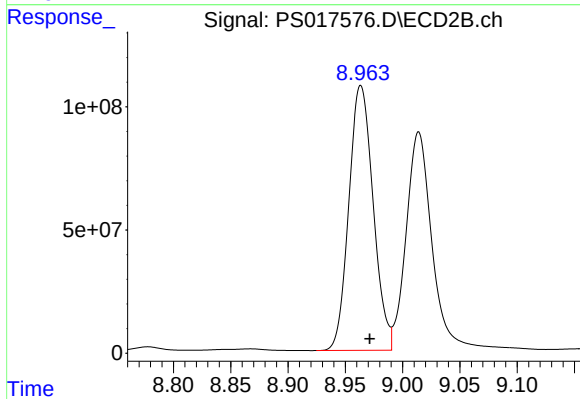
#11 2,4,5-TP (SILVEX)

R.T.: 8.586 min  
Delta R.T.: -0.007 min  
Response: 1859010643  
Conc: 524.31 ng/ml



#12 2,4,5-T

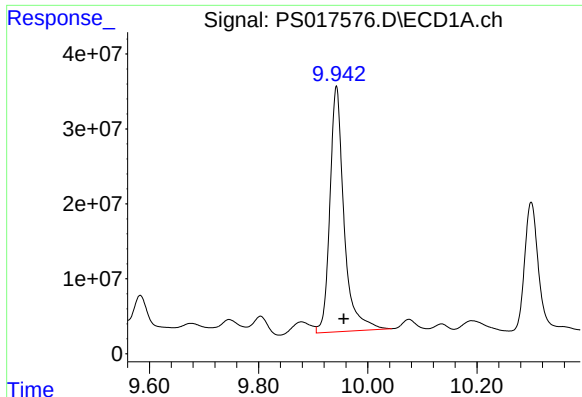
R.T.: 9.390 min  
Delta R.T.: -0.013 min  
Response: 4272380304  
Conc: 505.73 ng/ml



#12 2,4,5-T

R.T.: 8.964 min  
Delta R.T.: -0.008 min  
Response: 1589981632  
Conc: 478.12 ng/ml





#13 2,4-DB

R.T.: 9.943 min  
Delta R.T.: -0.013 min  
Response: 588841425  
Conc: 346.08 ng/ml

Instrument :

ECD\_S

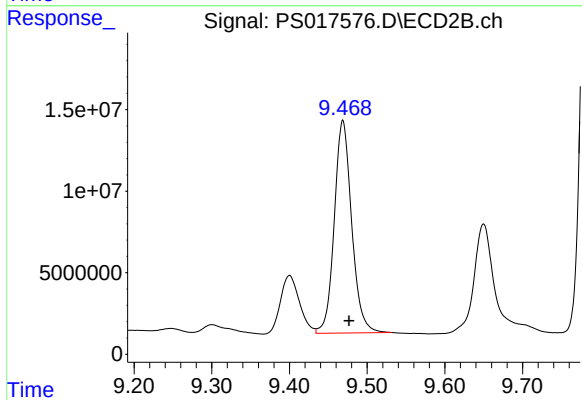
ClientSampleId :

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Manual Integrations

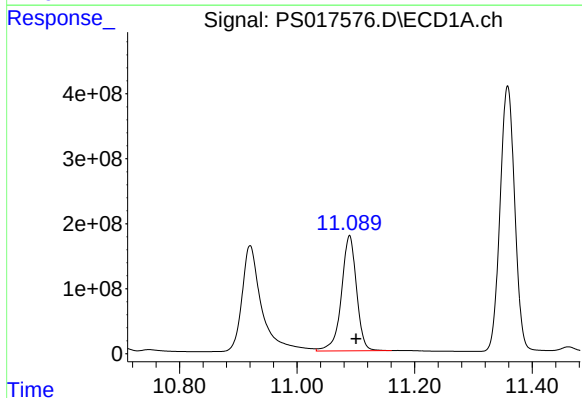
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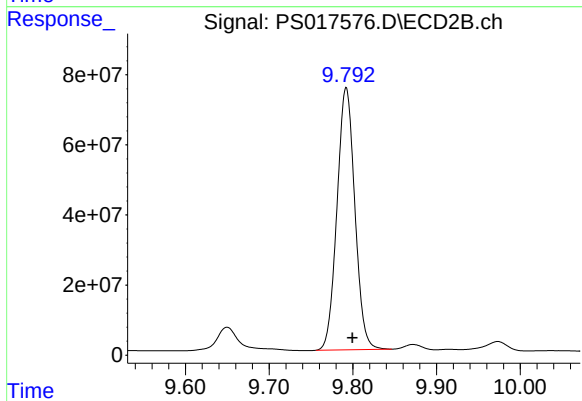
#13 2,4-DB

R.T.: 9.469 min  
Delta R.T.: -0.008 min  
Response: 202870257  
Conc: 475.87 ng/ml



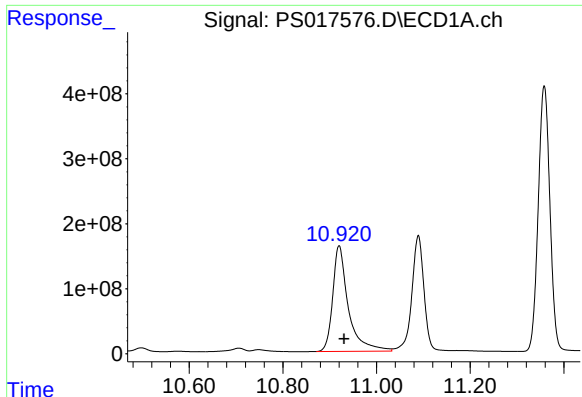
#14 DINOSEB

R.T.: 11.089 min  
Delta R.T.: -0.011 min  
Response: 3161581298  
Conc: 507.69 ng/ml



#14 DINOSEB

R.T.: 9.792 min  
Delta R.T.: -0.007 min  
Response: 1109304137  
Conc: 470.49 ng/ml



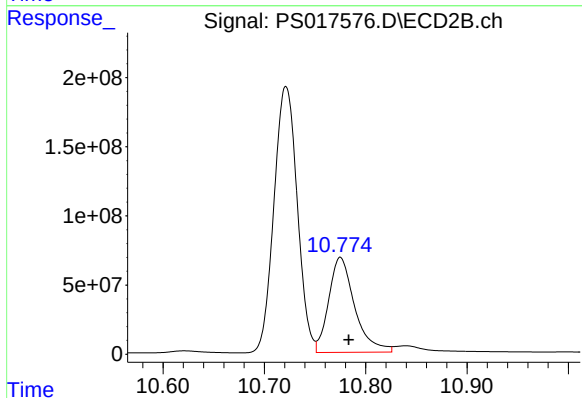
#15 Picloram

R.T.: 10.920 min  
Delta R.T.: -0.010 min  
Response: 3763457579  
Conc: 308.67 ng/ml

Instrument :  
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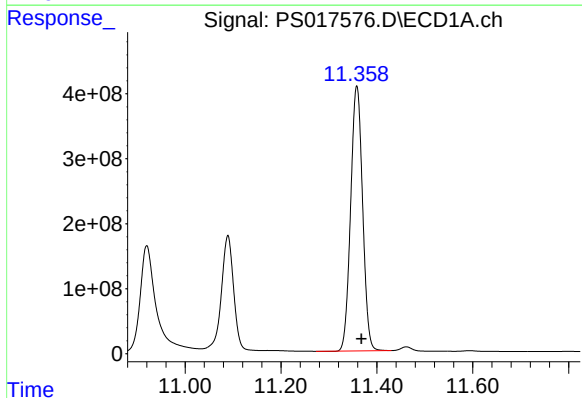
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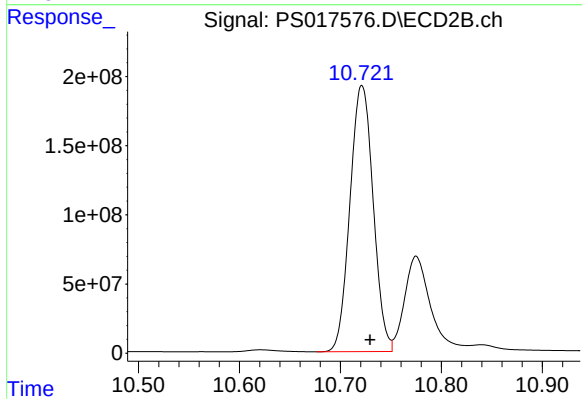
#15 Picloram

R.T.: 10.775 min  
Delta R.T.: -0.008 min  
Response: 1228501354  
Conc: 281.53 ng/ml



#16 DCPA

R.T.: 11.358 min  
Delta R.T.: -0.010 min  
Response: 7026846718  
Conc: 658.00 ng/ml



#16 DCPA

R.T.: 10.721 min  
Delta R.T.: -0.008 min  
Response: 3076352543  
Conc: 698.16 ng/ml