

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061625\  
 Data File : PS030686.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jun 2025 11:57  
 Operator : AR\AJ  
 Sample : HSTDICV750  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 ICVPS061625

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/17/2025  
 Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 16 12:24:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061625.M  
 Quant Title : 8080.M  
 QLast Update : Mon Jun 16 11:52:28 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 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     | 7.350  | 7.767  | 2558.2E6  | 759.8E6   | 680.238m | 703.715 |
| Target Compounds            |              |        |        |           |           |          |         |
| 1) T                        | Dalapon      | 2.708  | 2.709  | 4014.4E6  | 1804.1E6  | 641.812  | 641.087 |
| 2) T                        | 3,5-DICHL... | 6.510  | 6.713  | 3528.6E6  | 1059.7E6  | 648.982  | 655.055 |
| 3) T                        | 4-Nitroph... | 7.150  | 7.299  | 1033.9E6  | 1107.1E6  | 634.193  | 649.407 |
| 5) T                        | DICAMBA      | 7.542  | 7.970  | 10445.4E6 | 4464.3E6  | 667.624  | 673.299 |
| 6) T                        | MCP          | 7.724  | 8.070  | 663.5E6   | 154.7E6   | 69.764   | 70.267  |
| 7) T                        | MCPA         | 7.874  | 8.319  | 800.3E6   | 218.4E6   | 67.159   | 68.132  |
| 8) T                        | DICHLORPROP  | 8.256  | 8.690  | 2361.7E6  | 1016.2E6  | 642.605  | 663.162 |
| 9) T                        | 2,4-D        | 8.489  | 9.025  | 2237.6E6  | 1120.9E6  | 658.055  | 668.594 |
| 10) T                       | Pentachlo... | 8.797  | 9.551  | 37024.8E6 | 26410.4E6 | 716.281  | 696.183 |
| 11) T                       | 2,4,5-TP ... | 9.378  | 9.931  | 13677.8E6 | 9797.4E6  | 683.657  | 682.524 |
| 12) T                       | 2,4,5-T      | 9.671  | 10.357 | 11424.9E6 | 9399.0E6  | 687.087  | 681.655 |
| 13) T                       | 2,4-DB       | 10.251 | 10.925 | 1676.4E6  | 798.8E6   | 678.397  | 673.208 |
| 14) T                       | DINOSEB      | 11.470 | 11.310 | 9565.7E6  | 7384.9E6  | 675.475  | 673.969 |
| 15) T                       | Picloram     | 11.279 | 12.419 | 11520.5E6 | 16837.8E6 | 690.007  | 702.281 |
| 16) T                       | DCPA         | 11.766 | 12.355 | 17672.3E6 | 14867.2E6 | 680.354  | 692.283 |
| -----                       |              |        |        |           |           |          |         |

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

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Data File : PS030686.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jun 2025 11:57  
Operator : AR\AJ  
Sample : HSTDICV750  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

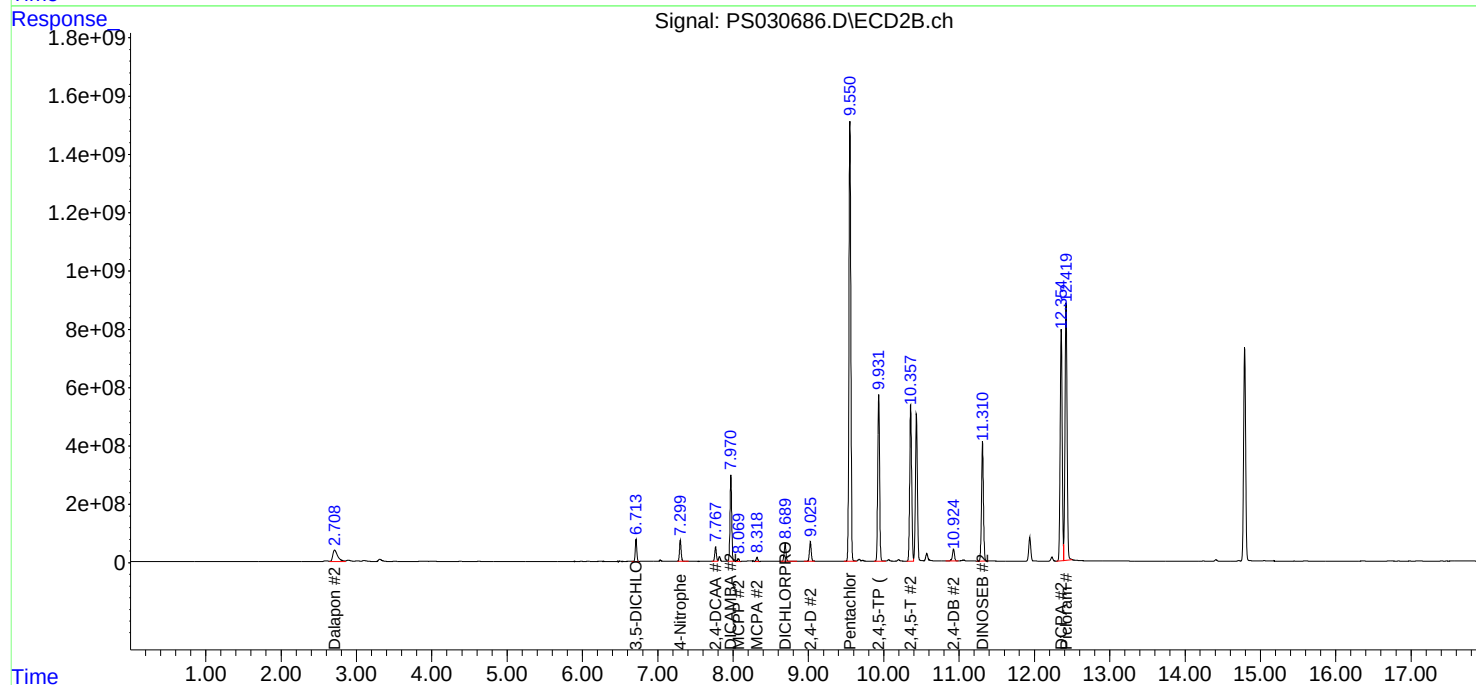
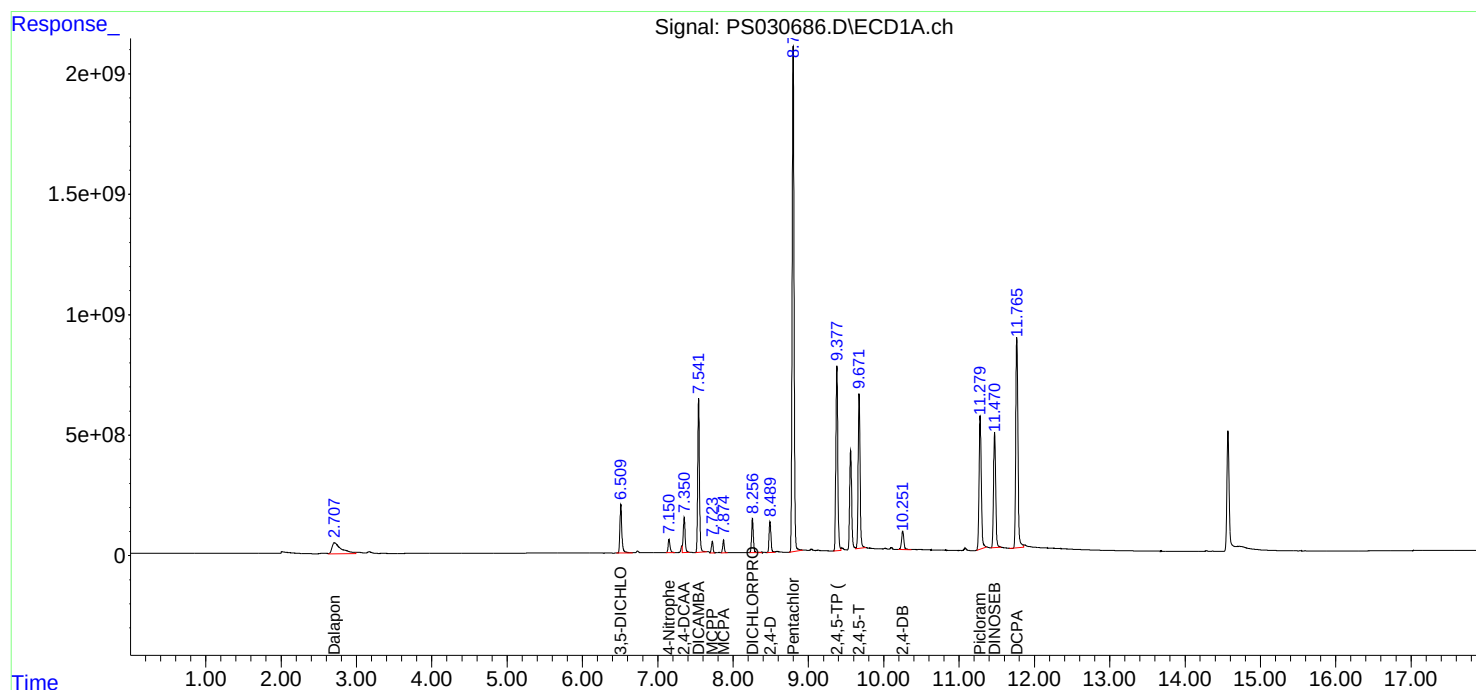
Instrument :  
ECD\_S  
ClientSampleId :  
ICVPS061625

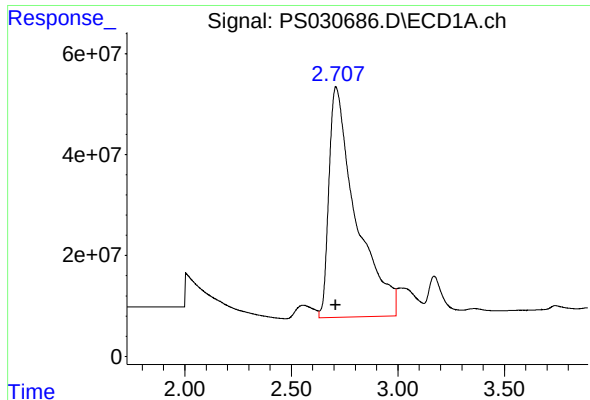
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 16 12:24:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061625.M  
Quant Title : 8080.M  
QLast Update : Mon Jun 16 11:52:28 2025  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





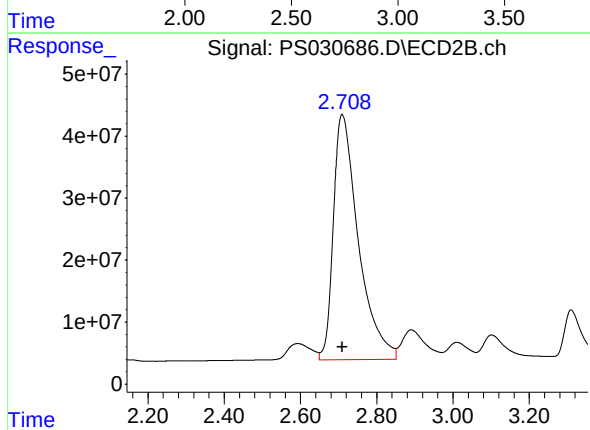
#1 Dalapon

R.T.: 2.708 min  
Delta R.T.: -0.001 min  
Response: 4014373067  
Conc: 641.81 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
ICVPS061625

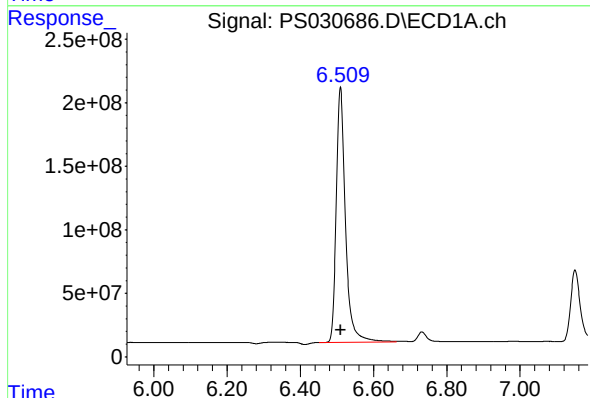
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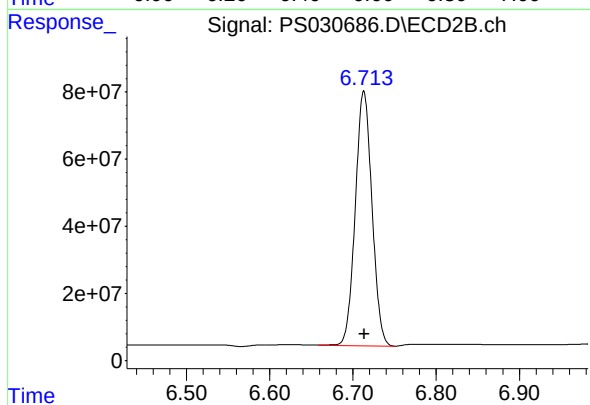
#1 Dalapon

R.T.: 2.709 min  
Delta R.T.: 0.000 min  
Response: 1804122117  
Conc: 641.09 ng/ml



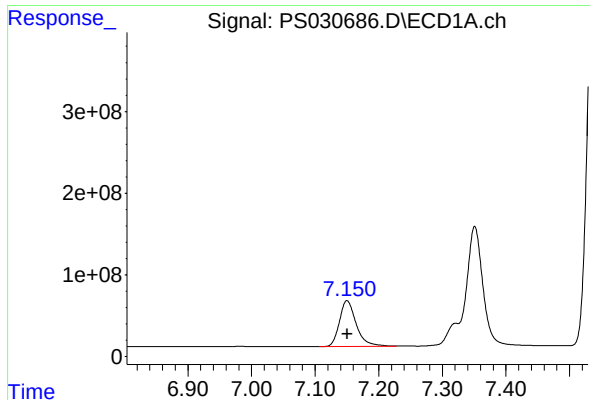
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.510 min  
Delta R.T.: 0.000 min  
Response: 3528553570  
Conc: 648.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min  
Delta R.T.: 0.000 min  
Response: 1059670003  
Conc: 655.05 ng/ml



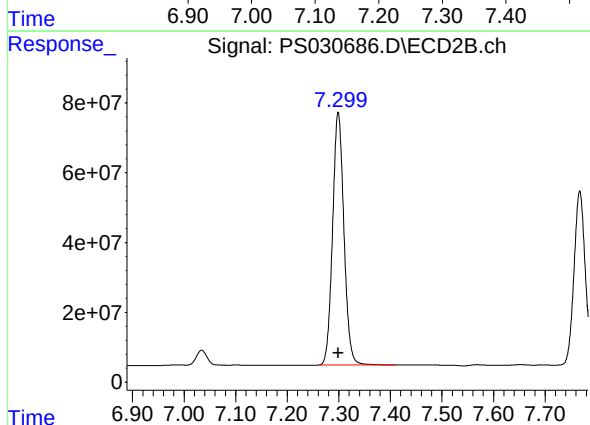
#3 4-Nitrophenol

R.T.: 7.150 min  
Delta R.T.: 0.000 min  
Response: 1033892424  
Conc: 634.19 ng/ml

Instrument :  
ECD\_S  
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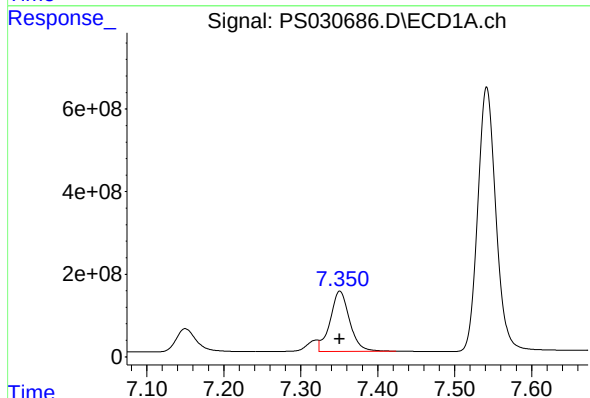
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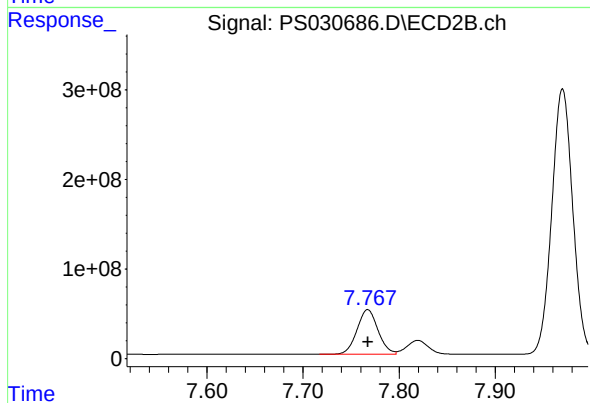
#3 4-Nitrophenol

R.T.: 7.299 min  
Delta R.T.: 0.000 min  
Response: 1107140241  
Conc: 649.41 ng/ml



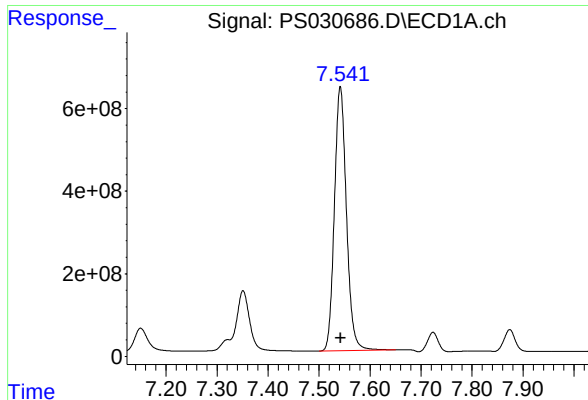
#4 2,4-DCAA

R.T.: 7.350 min  
Delta R.T.: 0.000 min  
Response: 2558249587  
Conc: 680.24 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min  
Delta R.T.: 0.000 min  
Response: 759794245  
Conc: 703.71 ng/ml



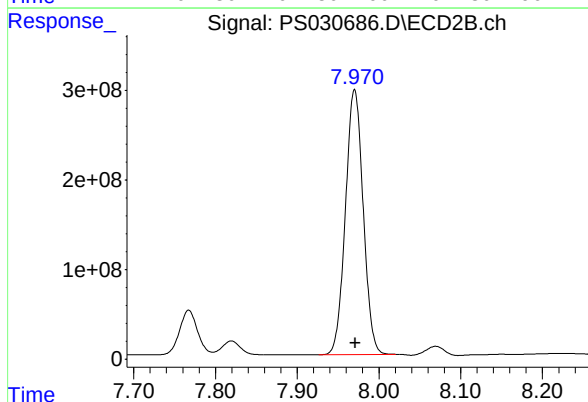
#5 DICAMBA

R.T.: 7.542 min  
Delta R.T.: 0.000 min  
Response: 10445354707  
Conc: 667.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
ICVPS061625

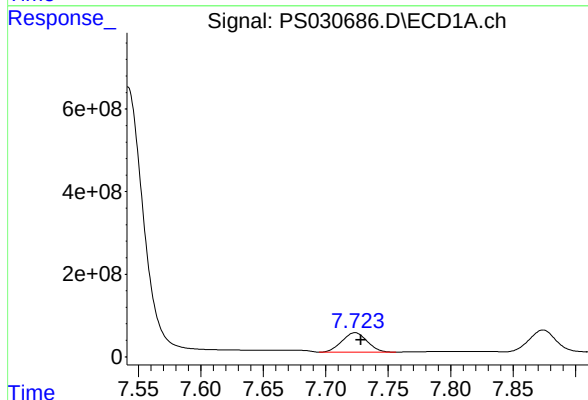
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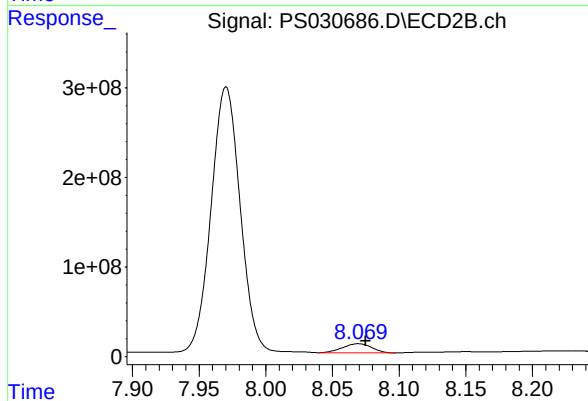
#5 DICAMBA

R.T.: 7.970 min  
Delta R.T.: 0.000 min  
Response: 4464316388  
Conc: 673.30 ng/ml



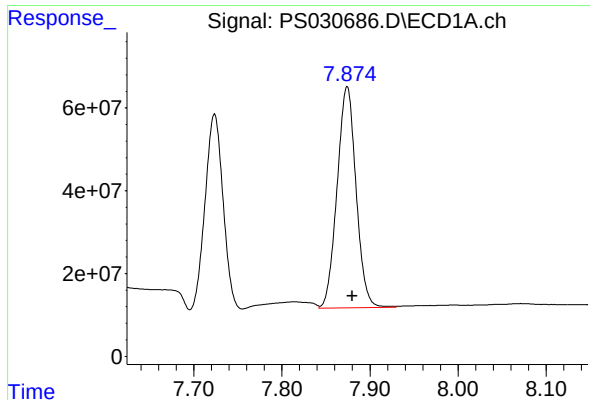
#6 MCPP

R.T.: 7.724 min  
Delta R.T.: -0.005 min  
Response: 663520914  
Conc: 69.76 ug/ml



#6 MCPP

R.T.: 8.070 min  
Delta R.T.: -0.006 min  
Response: 154685983  
Conc: 70.27 ug/ml



#7 MCPA

R.T.: 7.874 min  
Delta R.T.: -0.006 min  
Response: 800344670  
Conc: 67.16 ug/ml

Instrument :

ECD\_S

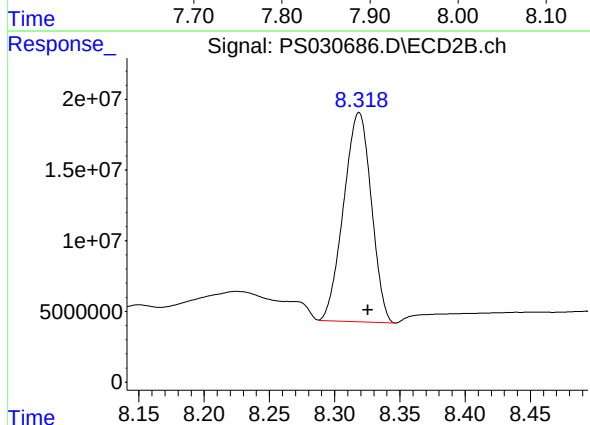
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ICVPS061625

Manual Integrations

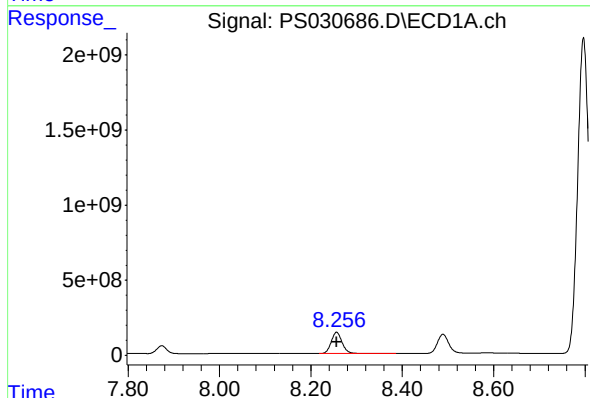
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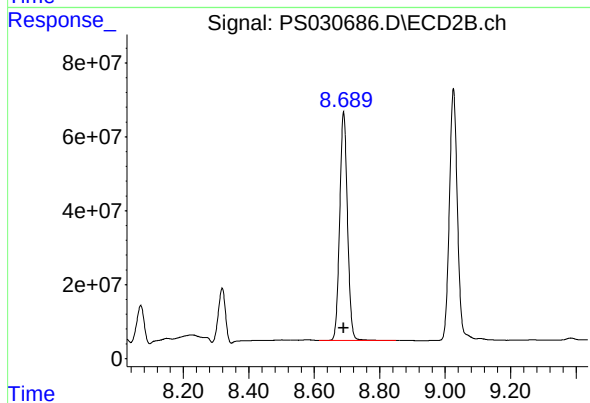
#7 MCPA

R.T.: 8.319 min  
Delta R.T.: -0.007 min  
Response: 218436670  
Conc: 68.13 ug/ml



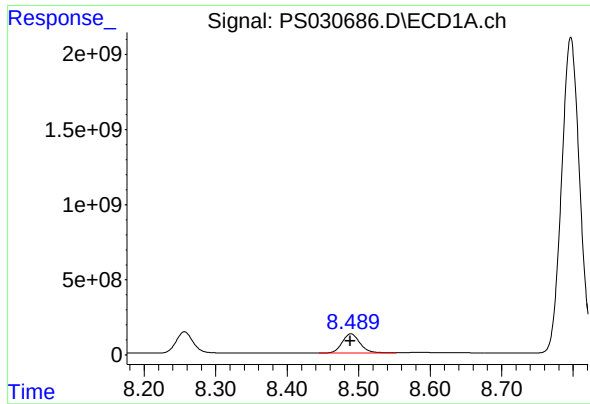
#8 DICHLORPROP

R.T.: 8.256 min  
Delta R.T.: 0.000 min  
Response: 2361747855  
Conc: 642.60 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min  
Delta R.T.: 0.000 min  
Response: 1016207142  
Conc: 663.16 ng/ml



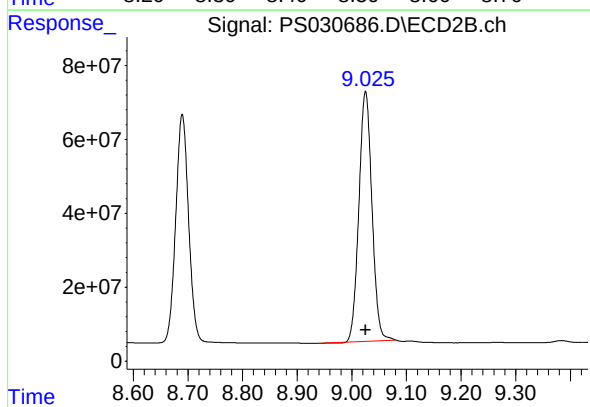
#9 2,4-D

R.T.: 8.489 min  
Delta R.T.: 0.000 min  
Response: 2237626409  
Conc: 658.06 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
ICVPS061625

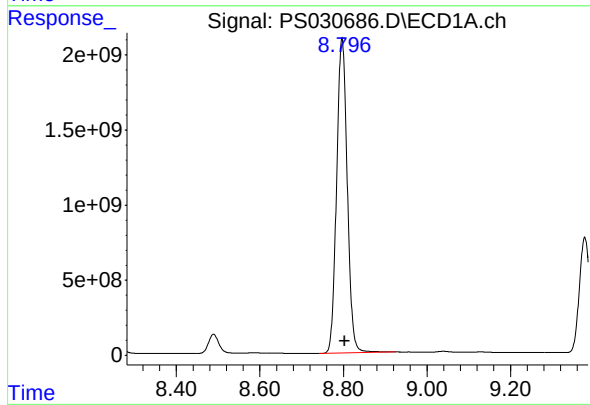
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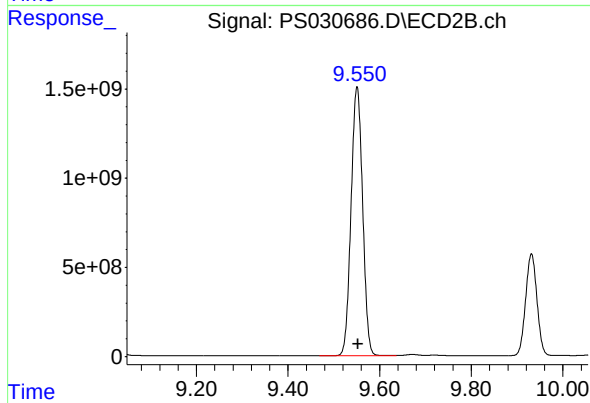
#9 2,4-D

R.T.: 9.025 min  
Delta R.T.: 0.000 min  
Response: 1120861687  
Conc: 668.59 ng/ml



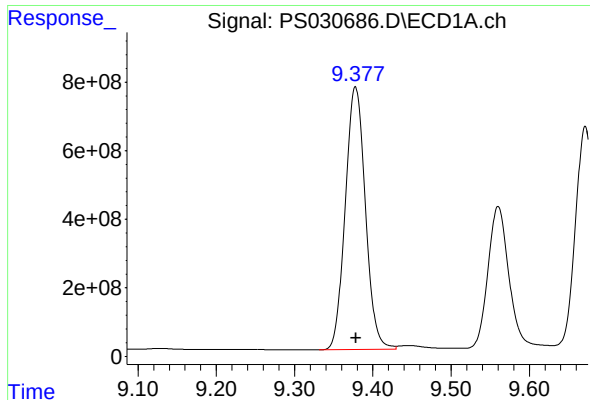
#10 Pentachlorophenol

R.T.: 8.797 min  
Delta R.T.: -0.006 min  
Response: 37024789777  
Conc: 716.28 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min  
Delta R.T.: -0.002 min  
Response: 26410384732  
Conc: 696.18 ng/ml



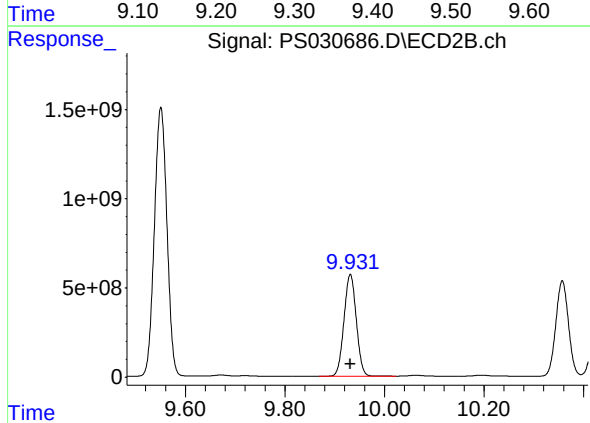
#11 2,4,5-TP (SILVEX)

R.T.: 9.378 min  
Delta R.T.: 0.000 min  
Response: 13677807303  
Conc: 683.66 ng/ml

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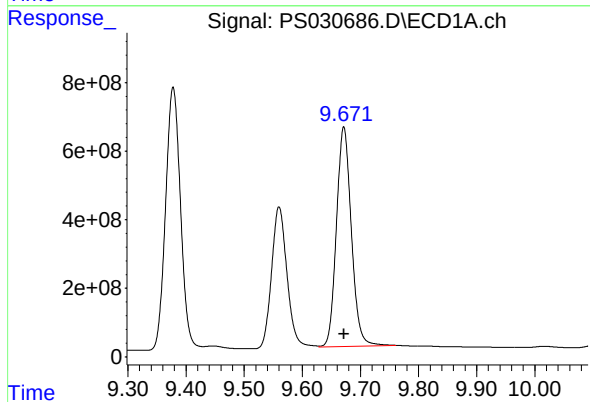
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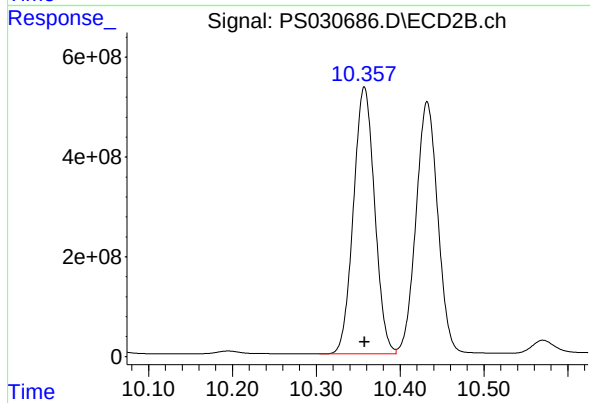
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min  
Delta R.T.: 0.000 min  
Response: 9797358838  
Conc: 682.52 ng/ml



#12 2,4,5-T

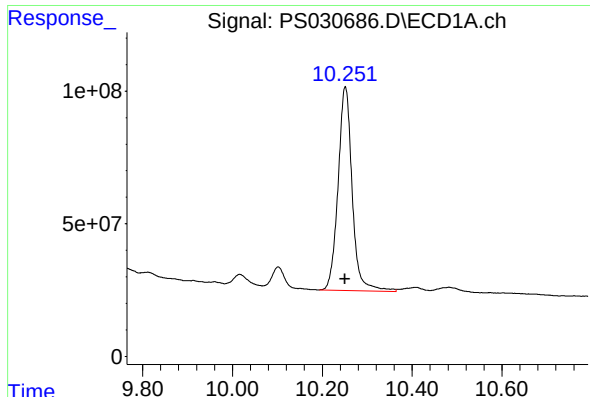
R.T.: 9.671 min  
Delta R.T.: 0.000 min  
Response: 11424907921  
Conc: 687.09 ng/ml



#12 2,4,5-T

R.T.: 10.357 min  
Delta R.T.: 0.000 min  
Response: 9399022264  
Conc: 681.65 ng/ml





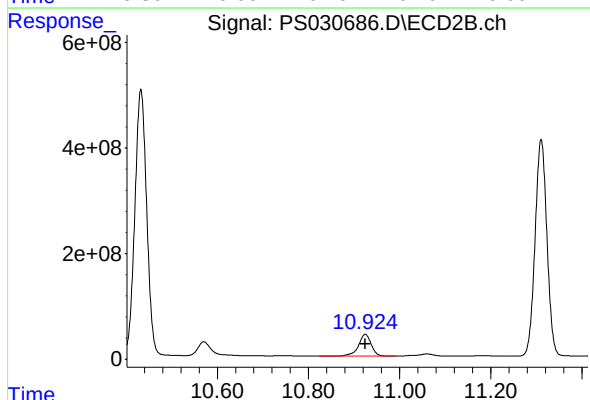
#13 2,4-DB

R.T.: 10.251 min  
Delta R.T.: 0.000 min  
Response: 1676424412  
Conc: 678.40 ng/ml

Instrument :  
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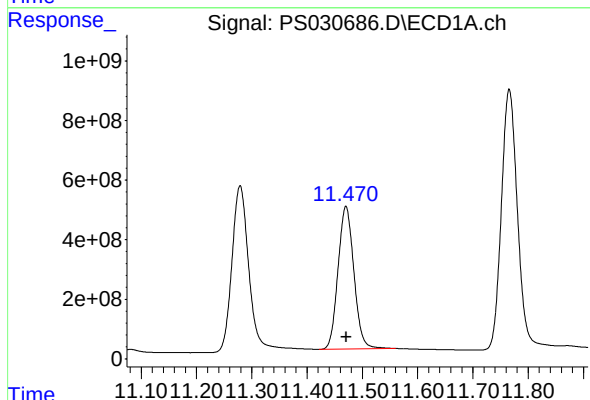
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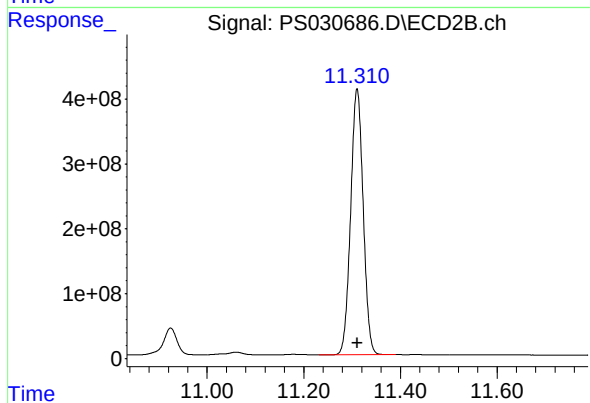
#13 2,4-DB

R.T.: 10.925 min  
Delta R.T.: 0.000 min  
Response: 798798814  
Conc: 673.21 ng/ml



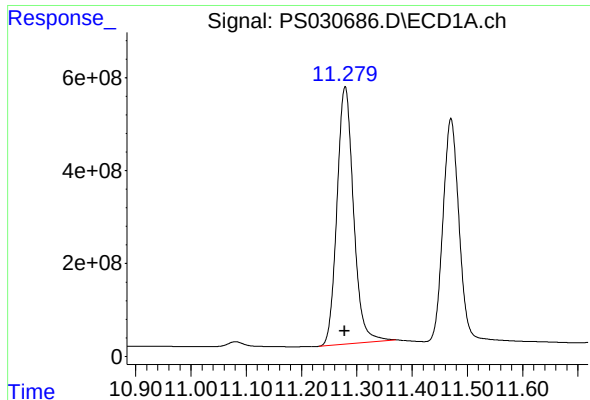
#14 DINOSEB

R.T.: 11.470 min  
Delta R.T.: 0.000 min  
Response: 9565654143  
Conc: 675.48 ng/ml



#14 DINOSEB

R.T.: 11.310 min  
Delta R.T.: 0.000 min  
Response: 7384935790  
Conc: 673.97 ng/ml



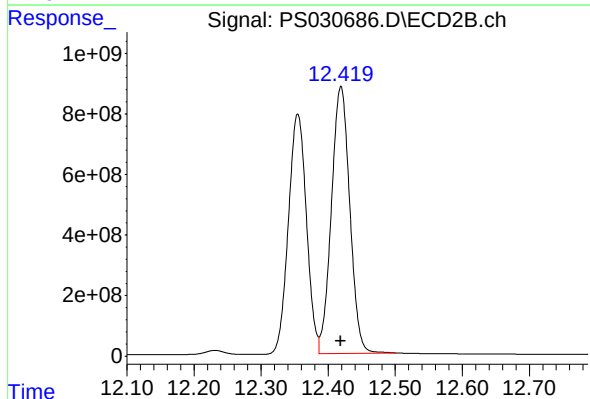
#15 Picloram

R.T.: 11.279 min  
Delta R.T.: 0.000 min  
Response: 11520494616  
Conc: 690.01 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
ICVPS061625

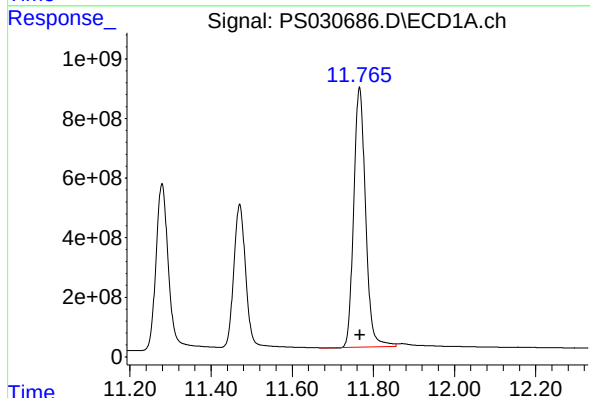
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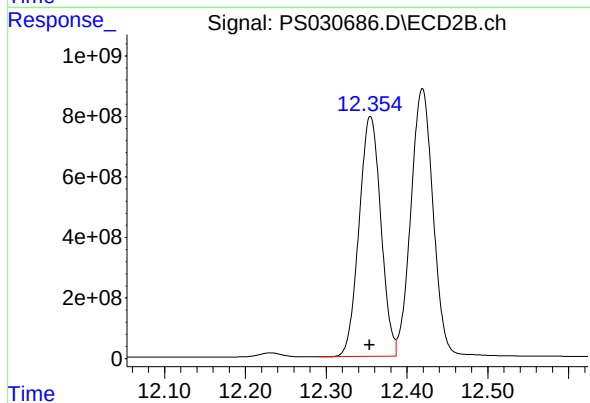
#15 Picloram

R.T.: 12.419 min  
Delta R.T.: 0.000 min  
Response: 16837784413  
Conc: 702.28 ng/ml



#16 DCPA

R.T.: 11.766 min  
Delta R.T.: -0.001 min  
Response: 17672301241  
Conc: 680.35 ng/ml



#16 DCPA

R.T.: 12.355 min  
Delta R.T.: 0.000 min  
Response: 14867179827  
Conc: 692.28 ng/ml