

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS062325\  
 Data File : PS030801.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jun 2025 16:51  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/24/2025  
 Supervised By :mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 24 01:53:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 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               | 7.343  | 7.767  | 2509.8E6  | 753.4E6   | 683.053m | 702.829  |
| Target Compounds            |        |        |           |           |          |          |
| 1) T Dalapon                | 2.707  | 2.709  | 3994.0E6  | 1751.8E6  | 669.510  | 638.935  |
| 2) T 3,5-DICHL...           | 6.503  | 6.713  | 3561.6E6  | 1057.5E6  | 662.315  | 655.575  |
| 3) T 4-Nitroph...           | 7.144  | 7.299  | 1069.3E6  | 1122.8E6  | 678.157  | 647.698  |
| 5) T DICAMBA                | 7.534  | 7.970  | 10469.5E6 | 4427.0E6  | 688.102  | 675.541  |
| 6) T MCPP                   | 7.716  | 8.069  | 615.0E6   | 153.7E6   | 65.509   | 73.278   |
| 7) T MCPA                   | 7.866  | 8.317  | 812.5E6   | 220.9E6   | 69.266   | 70.209   |
| 8) T DICHLORPROP            | 8.249  | 8.689  | 2407.4E6  | 1015.6E6  | 642.699  | 645.834  |
| 9) T 2,4-D                  | 8.480  | 9.025  | 2331.7E6  | 1104.1E6  | 676.942  | 649.693  |
| 10) T Pentachlo...          | 8.787  | 9.549  | 37290.0E6 | 26511.6E6 | 704.576  | 695.440  |
| 11) T 2,4,5-TP ...          | 9.368  | 9.930  | 14114.4E6 | 9799.1E6  | 704.648  | 679.139  |
| 12) T 2,4,5-T               | 9.662  | 10.356 | 12247.7E6 | 9415.0E6  | 744.398  | 689.005  |
| 13) T 2,4-DB                | 10.239 | 10.923 | 1731.5E6  | 796.0E6   | 754.951m | 672.927  |
| 14) T DINOSEB               | 11.458 | 11.308 | 9799.5E6  | 7255.7E6  | 706.363m | 672.993  |
| 15) T Picloram              | 11.267 | 12.418 | 12209.1E6 | 16238.0E6 | 759.454m | 698.667  |
| 16) T DCPA                  | 11.754 | 12.353 | 18677.8E6 | 14931.4E6 | 729.140  | 677.382m |
| -----                       |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS062325\  
Data File : PS030801.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jun 2025 16:51  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

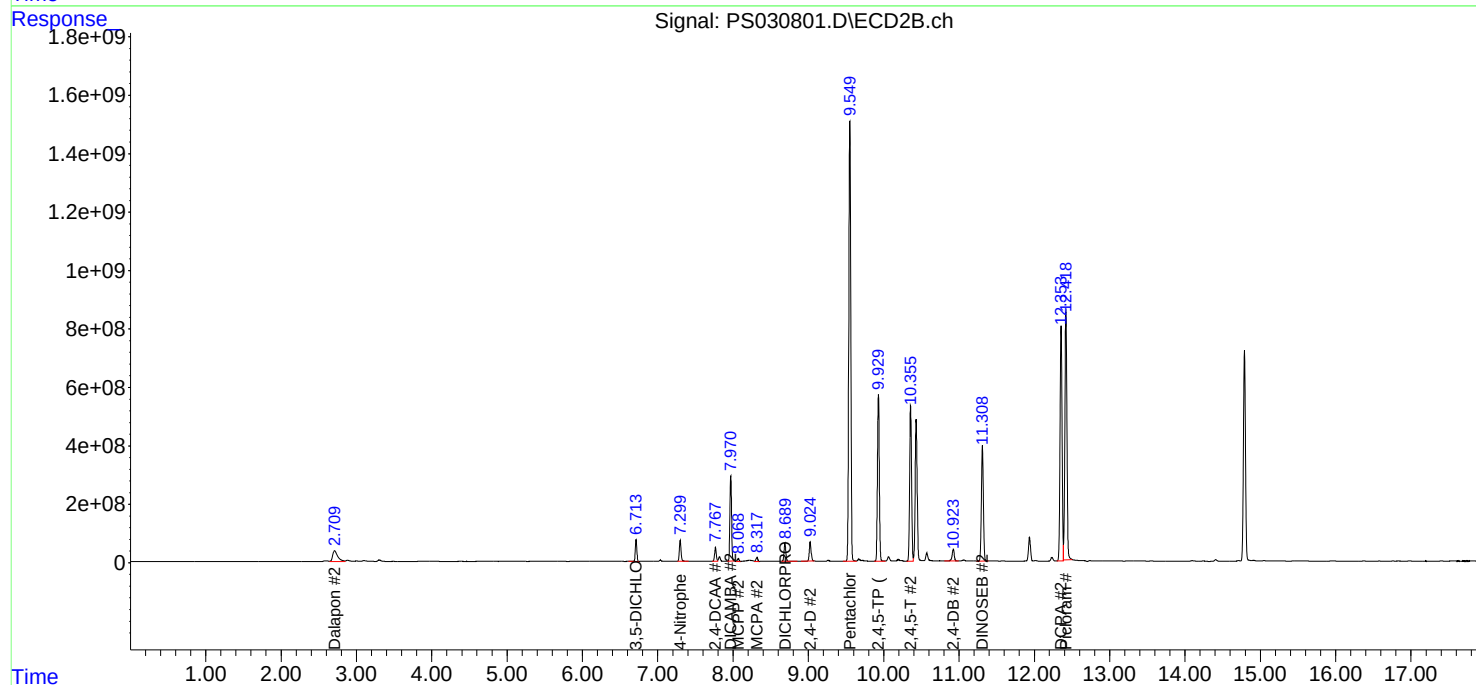
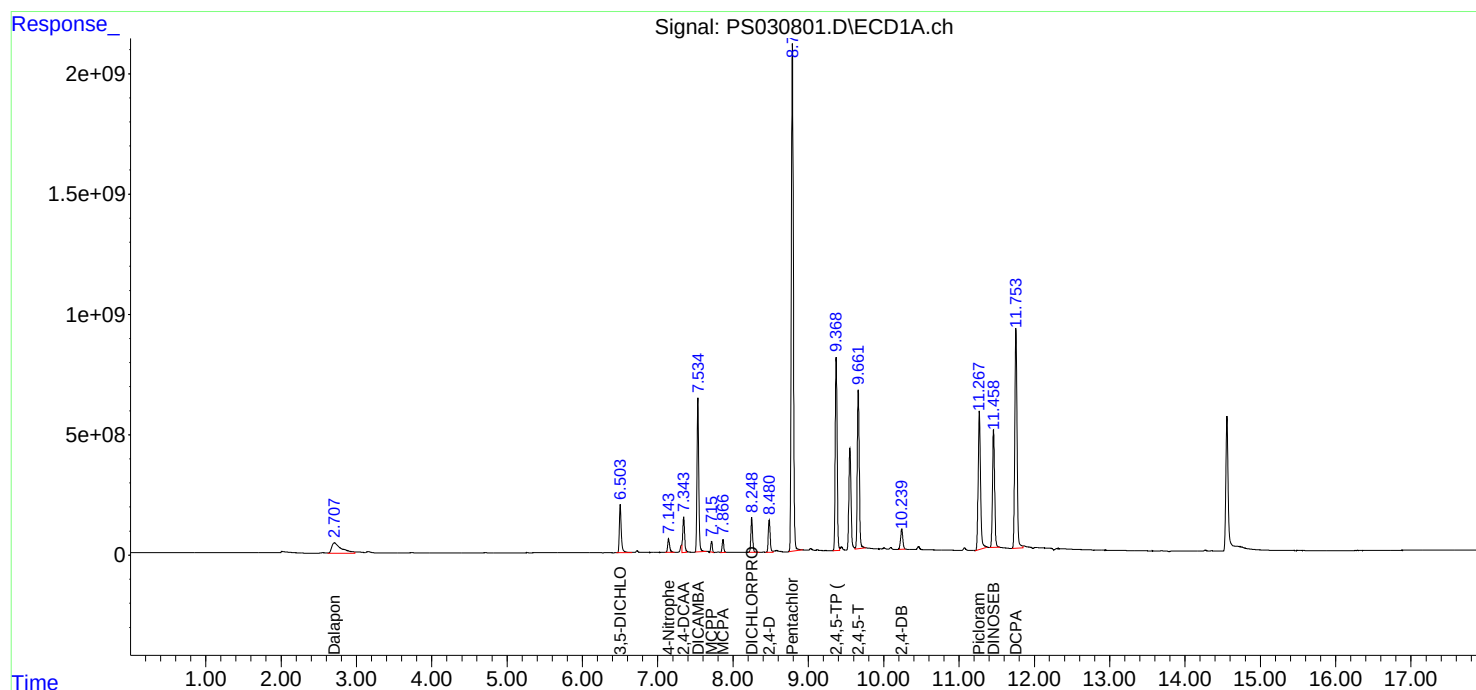
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

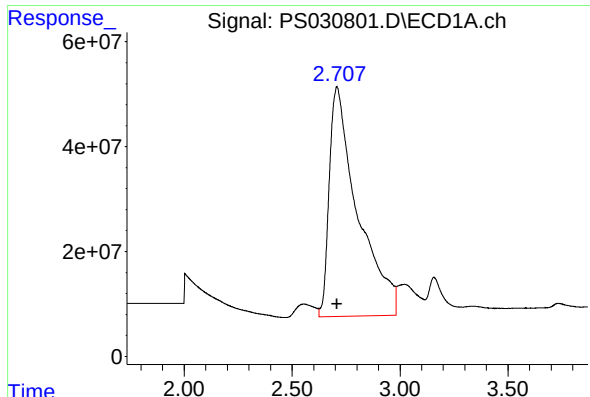
Manual Integrations  
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Supervised By :mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 24 01:53:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
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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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.707 min  
Delta R.T.: -0.001 min  
Response: 3994048290  
Conc: 669.51 ng/ml

Instrument :

ECD\_S

ClientSampleId :

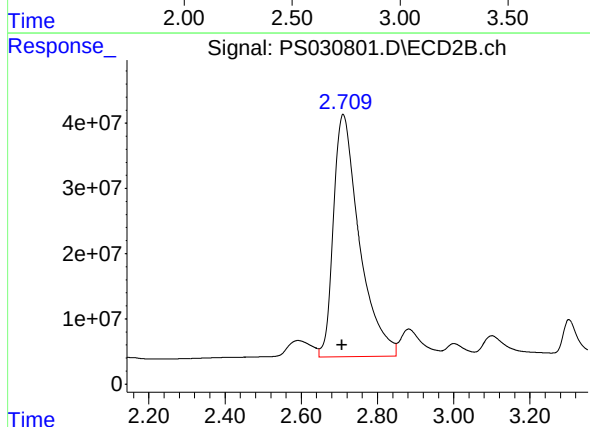
HSTDCCC750

Manual Integrations

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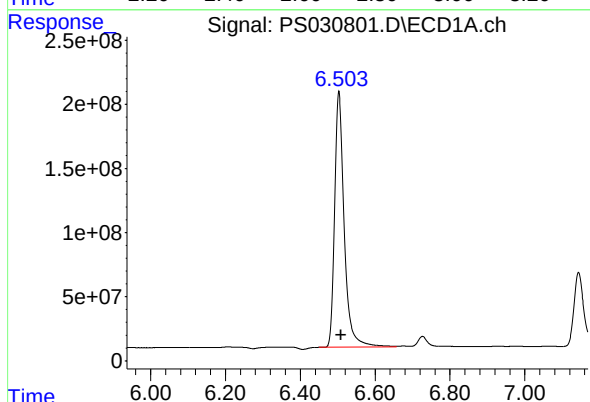
Reviewed By :Abdul Mirza 06/24/2025

Supervised By :mohammad ahmed 06/25/2025



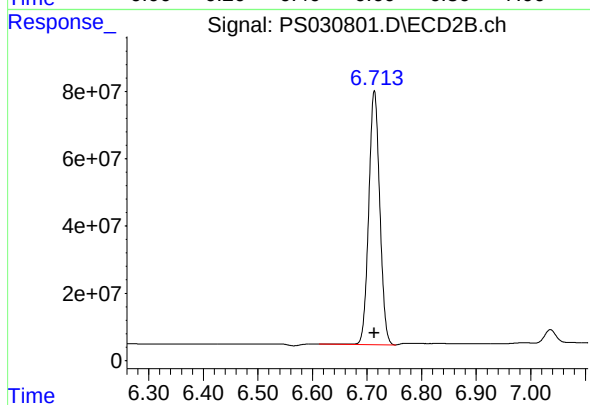
#1 Dalapon

R.T.: 2.709 min  
Delta R.T.: 0.002 min  
Response: 1751795124  
Conc: 638.93 ng/ml



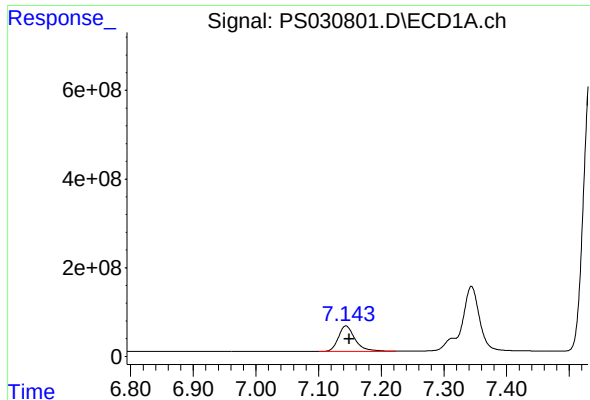
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.503 min  
Delta R.T.: -0.006 min  
Response: 3561632232  
Conc: 662.31 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min  
Delta R.T.: 0.000 min  
Response: 1057540172  
Conc: 655.57 ng/ml



#3 4-Nitrophenol

R.T.: 7.144 min  
Delta R.T.: -0.005 min  
Response: 1069296828  
Conc: 678.16 ng/ml

Instrument :

ECD\_S

ClientSampleId :

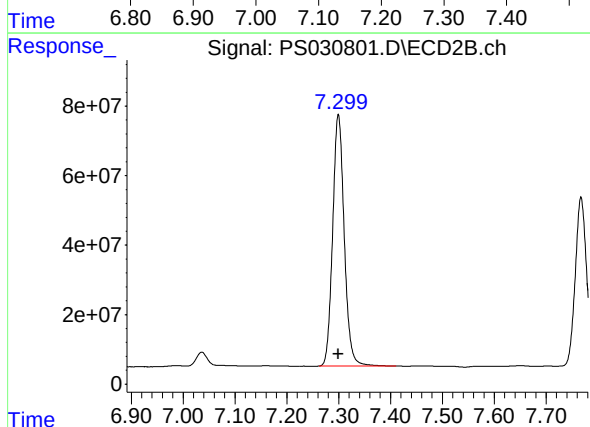
HSTDCCC750

Manual Integrations

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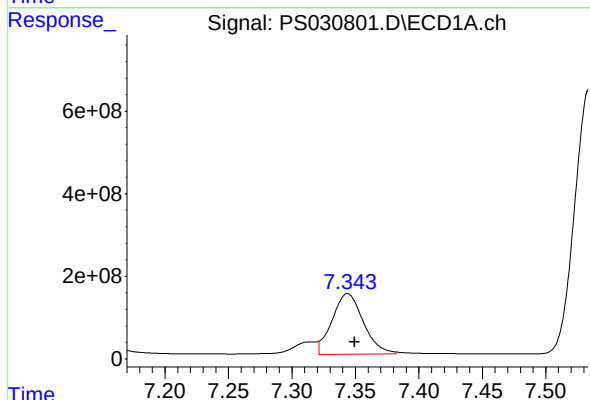
Reviewed By :Abdul Mirza 06/24/2025

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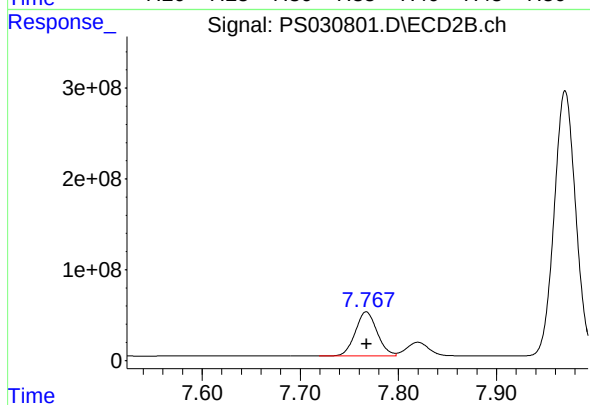
#3 4-Nitrophenol

R.T.: 7.299 min  
Delta R.T.: 0.000 min  
Response: 1122808103  
Conc: 647.70 ng/ml



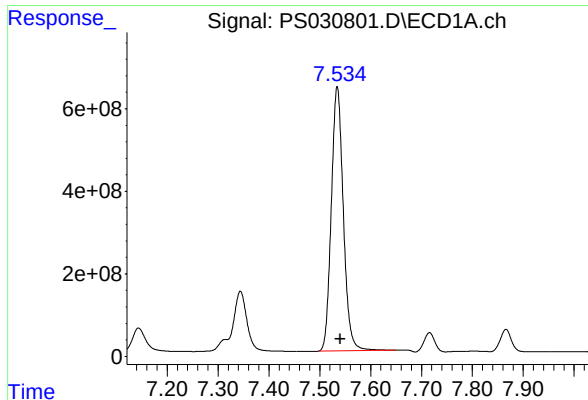
#4 2,4-DCAA

R.T.: 7.343 min  
Delta R.T.: -0.006 min  
Response: 2509807577  
Conc: 683.05 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min  
Delta R.T.: 0.000 min  
Response: 753406729  
Conc: 702.83 ng/ml



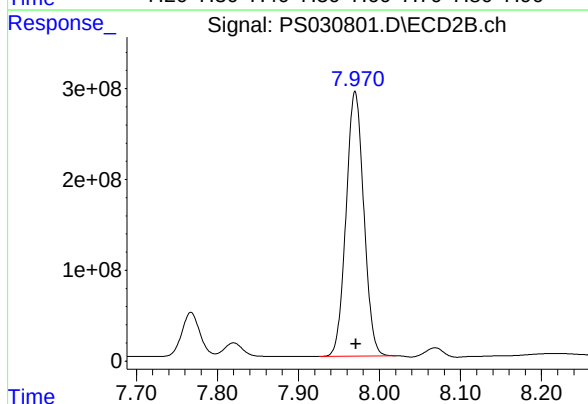
#5 DICAMBA

R.T.: 7.534 min  
Delta R.T.: -0.006 min  
Response: 10469529271  
Conc: 688.10 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

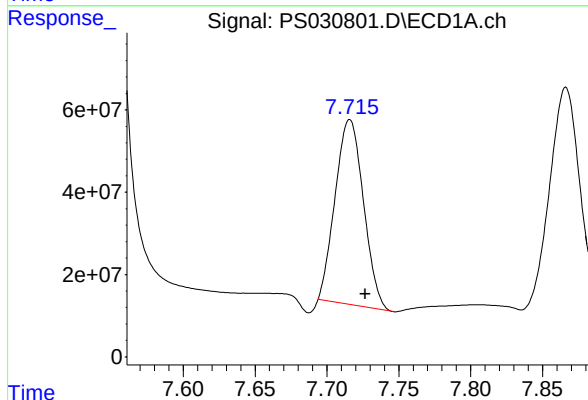
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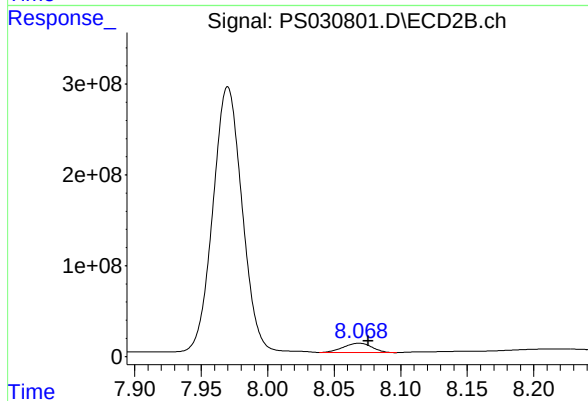
#5 DICAMBA

R.T.: 7.970 min  
Delta R.T.: -0.001 min  
Response: 4426962712  
Conc: 675.54 ng/ml



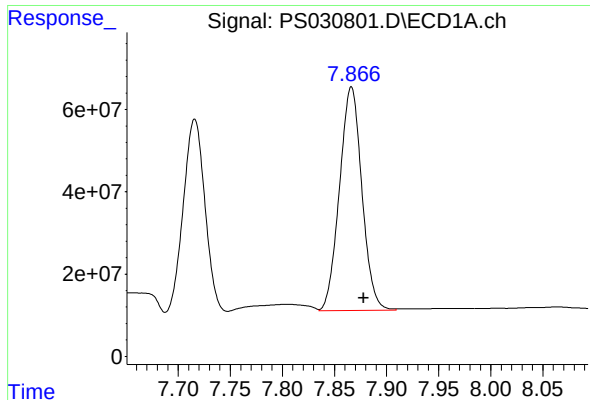
#6 MCPP

R.T.: 7.716 min  
Delta R.T.: -0.011 min  
Response: 615019090  
Conc: 65.51 ug/ml



#6 MCPP

R.T.: 8.069 min  
Delta R.T.: -0.007 min  
Response: 153686090  
Conc: 73.28 ug/ml



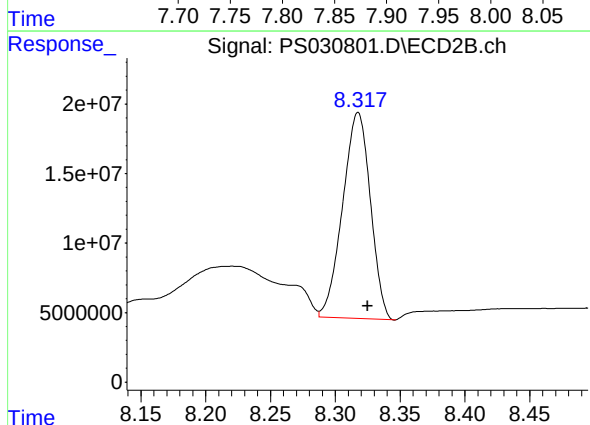
#7 MCPA

R.T.: 7.866 min  
Delta R.T.: -0.012 min  
Response: 812524252  
Conc: 69.27 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

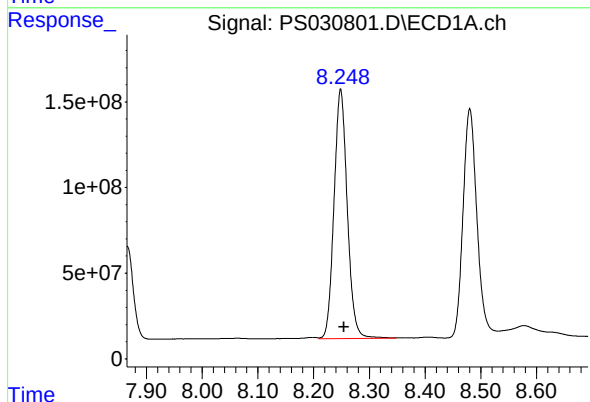
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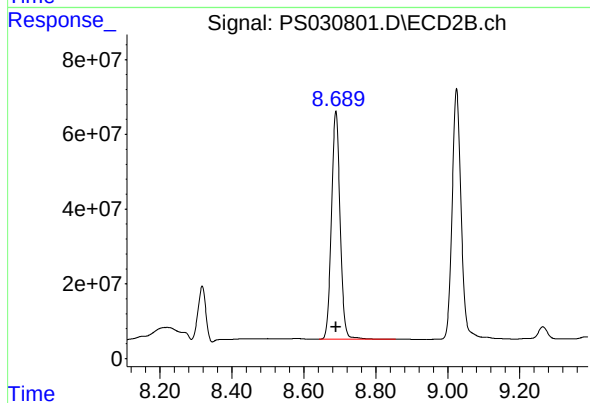
#7 MCPA

R.T.: 8.317 min  
Delta R.T.: -0.007 min  
Response: 220860312  
Conc: 70.21 ug/ml



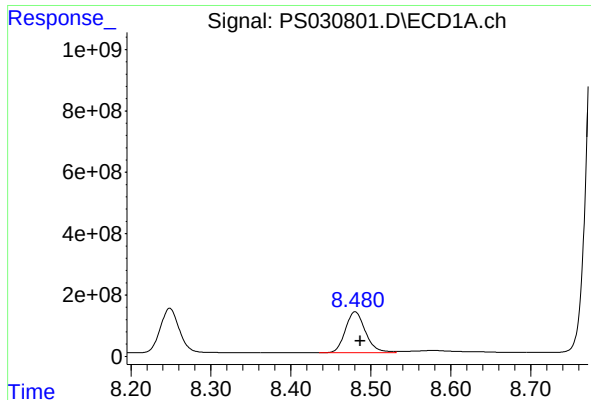
#8 DICHLORPROP

R.T.: 8.249 min  
Delta R.T.: -0.006 min  
Response: 2407400492  
Conc: 642.70 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min  
Delta R.T.: 0.000 min  
Response: 1015571400  
Conc: 645.83 ng/ml



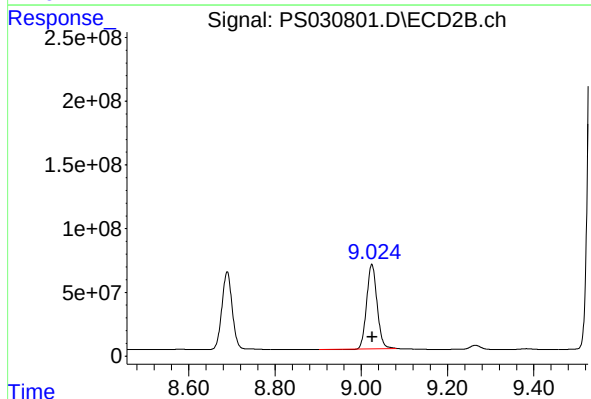
#9 2,4-D

R.T.: 8.480 min  
Delta R.T.: -0.007 min  
Response: 2331667149  
Conc: 676.94 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

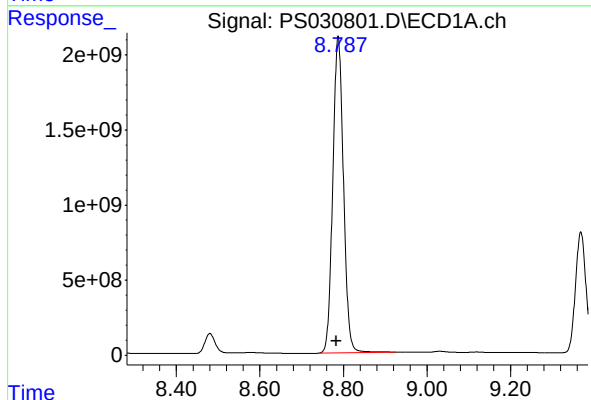
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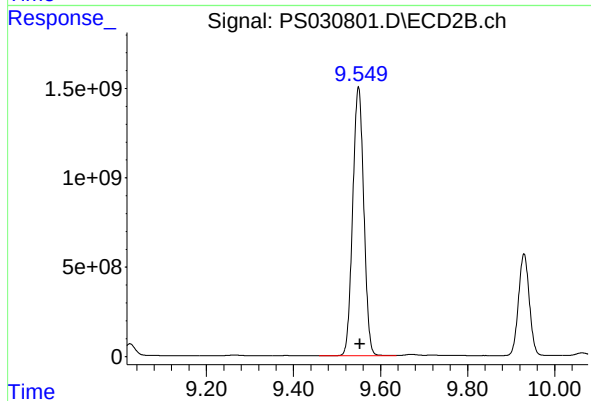
#9 2,4-D

R.T.: 9.025 min  
Delta R.T.: -0.001 min  
Response: 1104090743  
Conc: 649.69 ng/ml



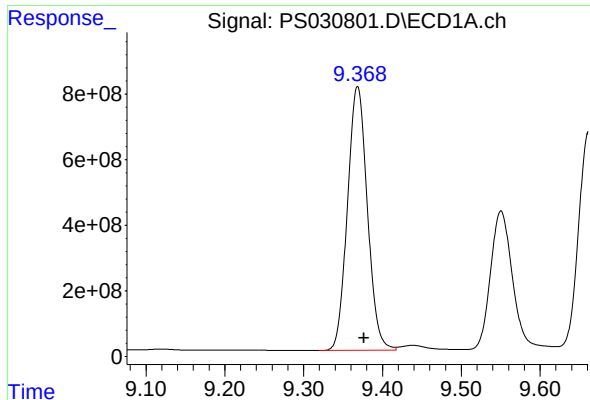
#10 Pentachlorophenol

R.T.: 8.787 min  
Delta R.T.: 0.005 min  
Response: 37289986218  
Conc: 704.58 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min  
Delta R.T.: -0.004 min  
Response: 26511622355  
Conc: 695.44 ng/ml



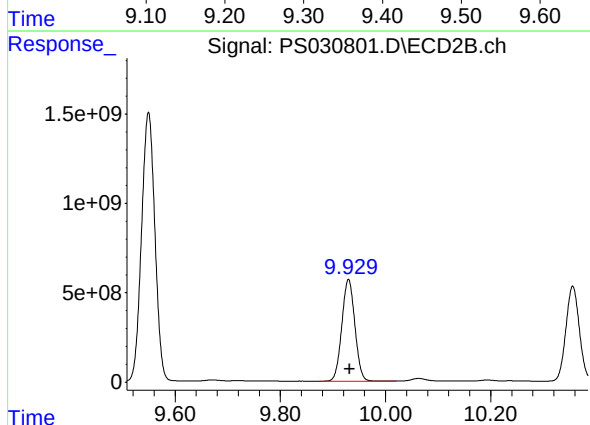
#11 2,4,5-TP (SILVEX)

R.T.: 9.368 min  
Delta R.T.: -0.008 min  
Response: 14114381014  
Conc: 704.65 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

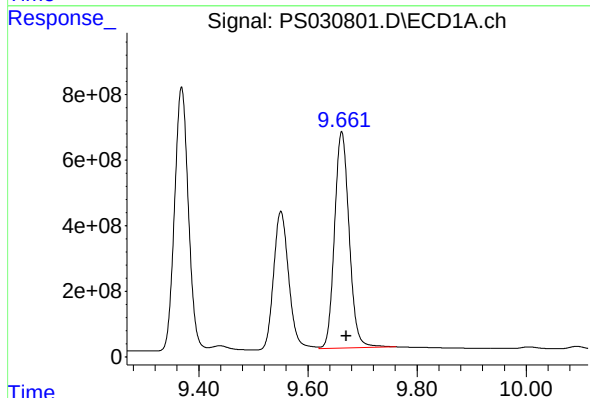
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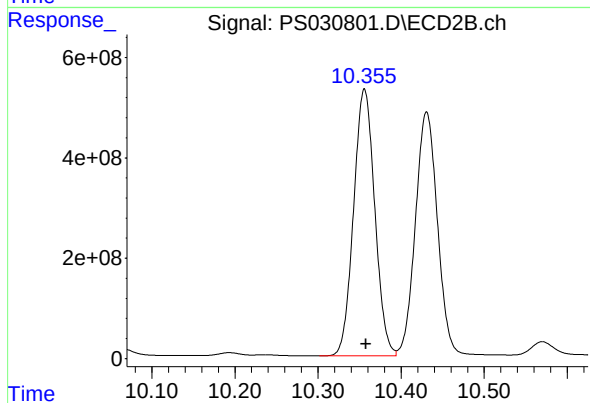
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min  
Delta R.T.: -0.002 min  
Response: 9799089303  
Conc: 679.14 ng/ml



#12 2,4,5-T

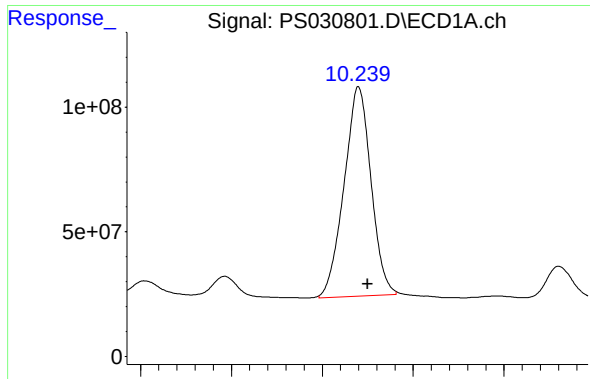
R.T.: 9.662 min  
Delta R.T.: -0.008 min  
Response: 12247701008  
Conc: 744.40 ng/ml



#12 2,4,5-T

R.T.: 10.356 min  
Delta R.T.: -0.002 min  
Response: 9414989602  
Conc: 689.00 ng/ml





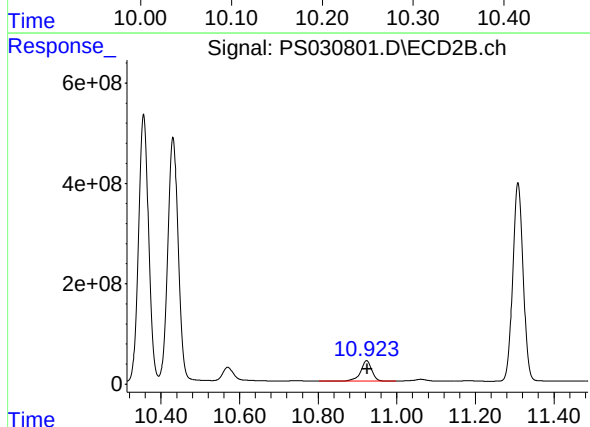
#13 2,4-DB

R.T.: 10.239 min  
Delta R.T.: -0.011 min  
Response: 1731481024  
Conc: 754.95 ng/ml

Instrument :  
ECD\_S  
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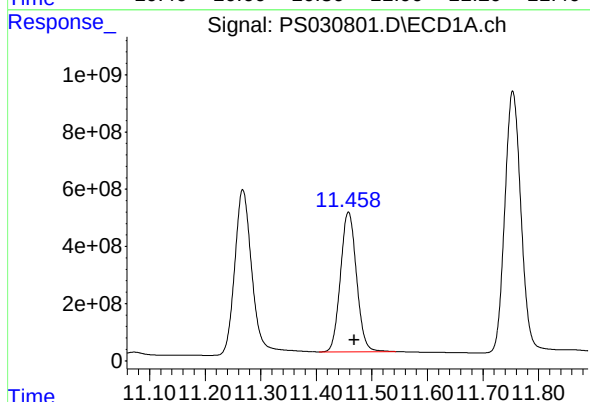
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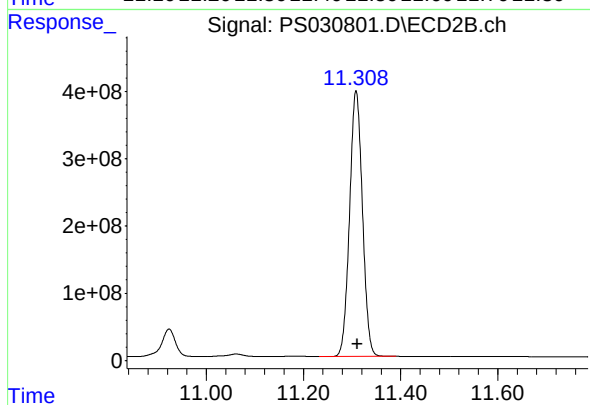
#13 2,4-DB

R.T.: 10.923 min  
Delta R.T.: -0.002 min  
Response: 796007454  
Conc: 672.93 ng/ml



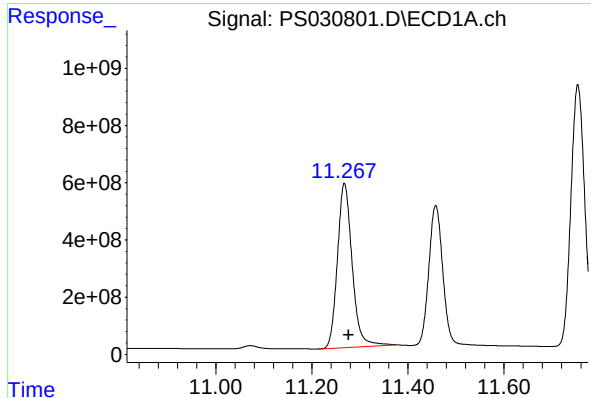
#14 DINOSEB

R.T.: 11.458 min  
Delta R.T.: -0.011 min  
Response: 9799501238  
Conc: 706.36 ng/ml m



#14 DINOSEB

R.T.: 11.308 min  
Delta R.T.: -0.003 min  
Response: 7255704185  
Conc: 672.99 ng/ml



#15 Picloram

R.T.: 11.267 min  
Delta R.T.: -0.009 min  
Response: 12209062700  
Conc: 759.45 ng/ml

Instrument :

ECD\_S

ClientSampleId :

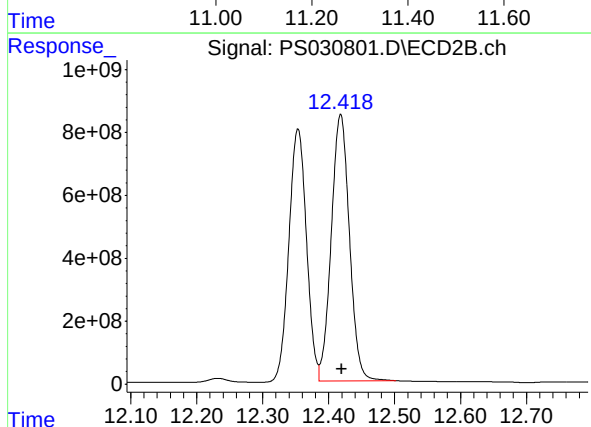
HSTDCCC750

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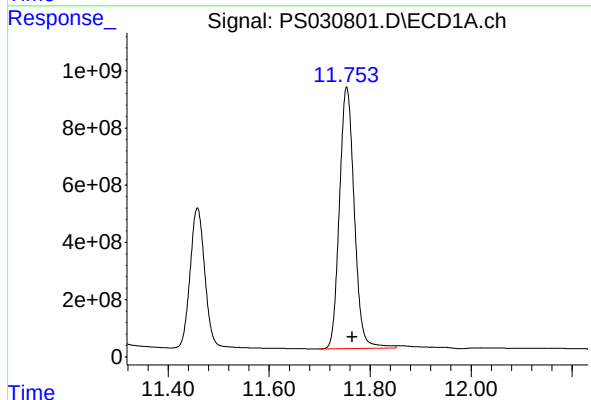
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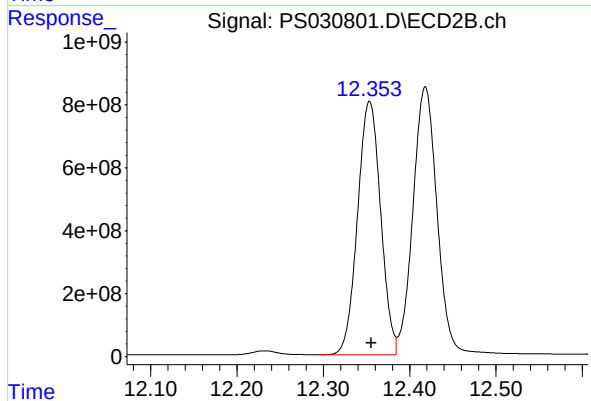
#15 Picloram

R.T.: 12.418 min  
Delta R.T.: -0.001 min  
Response: 16238024811  
Conc: 698.67 ng/ml



#16 DCPA

R.T.: 11.754 min  
Delta R.T.: -0.012 min  
Response: 18677827735  
Conc: 729.14 ng/ml



#16 DCPA

R.T.: 12.353 min  
Delta R.T.: -0.002 min  
Response: 14931387062  
Conc: 677.38 ng/ml m