

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS033125\  
 Data File : PS029631.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2025 04:36  
 Operator : AR\AJ  
 Sample : HSTDICC1000  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDICC1000

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/02/2025  
 Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 02:37:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS033125.M  
 Quant Title : 8080.M  
 QLast Update : Wed Apr 02 02:36:10 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               | 7.007  | 7.534  | 2378.9E6  | 1334.0E6  | 1015.996 | 969.723   |
| Target Compounds            |        |        |           |           |          |           |
| 1) T Dalapon                | 2.495  | 2.566  | 5574.3E6  | 2927.4E6  | 943.960  | 882.466   |
| 2) T 3,5-DICHL...           | 6.204  | 6.523  | 3748.1E6  | 1791.5E6  | 928.856  | 897.613   |
| 3) T 4-Nitroph...           | 6.798  | 7.068  | 981.6E6   | 1265.5E6  | 914.037  | 888.443   |
| 5) T DICAMBA                | 7.185  | 7.722  | 13604.0E6 | 7402.9E6  | 927.316  | 921.168   |
| 6) T MCPP                   | 7.365  | 7.832  | 870.1E6   | 362.3E6   | 100.523  | 91.615    |
| 7) T MCPA                   | 7.508  | 8.066  | 819.7E6   | 451.1E6   | 100.361  | 90.173    |
| 8) T DICHLORPROP            | 7.870  | 8.421  | 2723.4E6  | 1712.4E6  | 945.316  | 906.849   |
| 9) T 2,4-D                  | 8.093  | 8.738  | 2208.4E6  | 1876.9E6  | 940.490  | 908.866   |
| 10) T Pentachlo...          | 8.376  | 9.243  | 43957.7E6 | 32157.1E6 | 856.638  | 898.749   |
| 11) T 2,4,5-TP ...          | 8.941  | 9.623  | 15345.7E6 | 13292.3E6 | 956.828  | 911.206   |
| 12) T 2,4,5-T               | 9.225  | 10.031 | 12250.5E6 | 12294.5E6 | 953.111  | 916.233   |
| 13) T 2,4-DB                | 9.787  | 10.590 | 1686.1E6  | 1367.9E6  | 961.205  | 936.469   |
| 14) T DINOSEB               | 10.956 | 10.963 | 10705.6E6 | 9235.9E6  | 946.228  | 908.909   |
| 15) T Picloram              | 10.776 | 12.012 | 12601.4E6 | 21582.5E6 | 988.487  | 1053.513m |
| 16) T DCPA                  | 11.256 | 11.992 | 18831.8E6 | 16680.2E6 | 963.648  | 862.555m  |
| -----                       |        |        |           |           |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS033125\  
Data File : PS029631.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Apr 2025 04:36  
Operator : AR\AJ  
Sample : HSTDICC1000  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

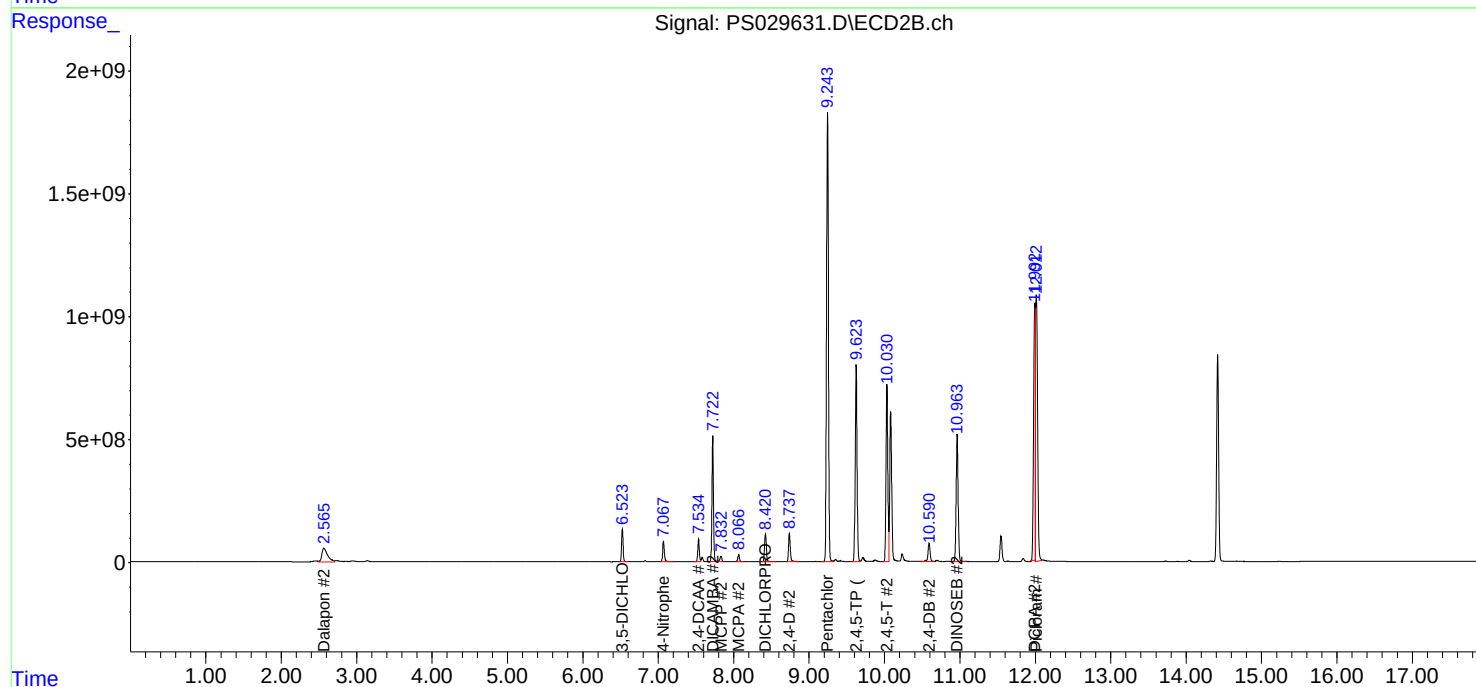
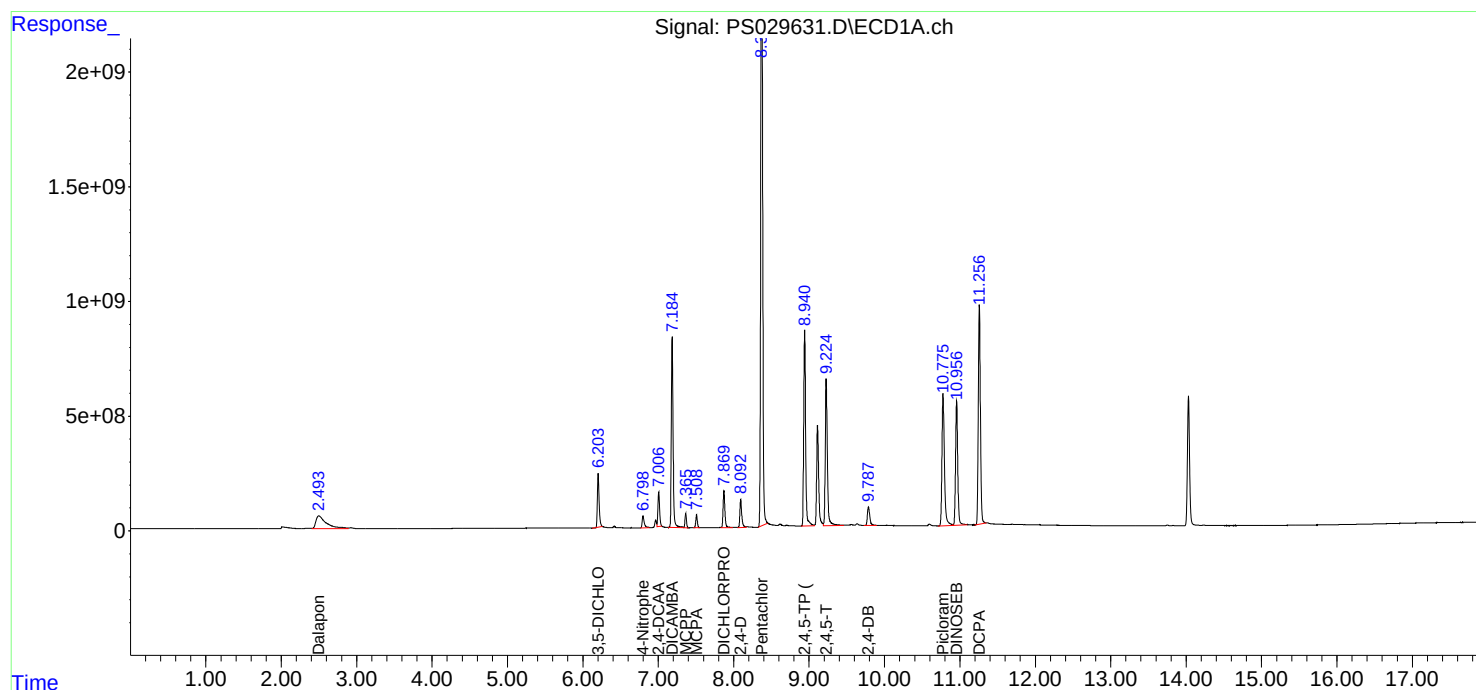
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1000

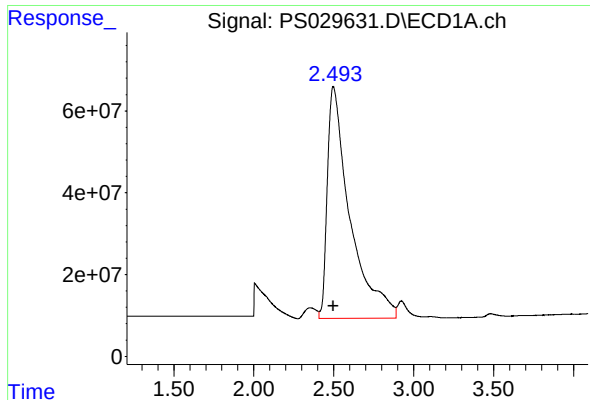
Manual Integrations  
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Supervised By : mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 02 02:37:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS033125.M  
Quant Title : 8080.M  
QLast Update : Wed Apr 02 02:36:10 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





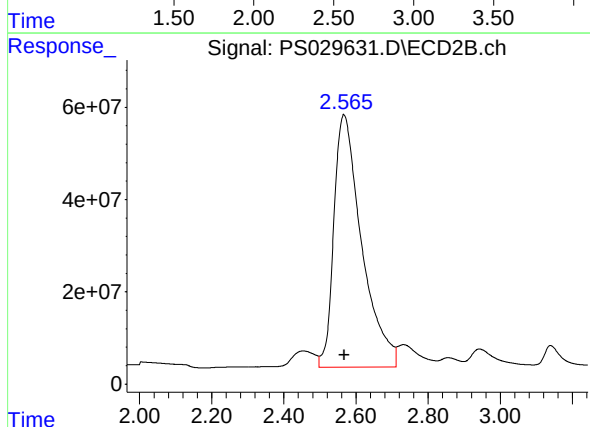
#1 Dalapon

R.T.: 2.495 min  
Delta R.T.: -0.002 min  
Response: 5574268136  
Conc: 943.96 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1000

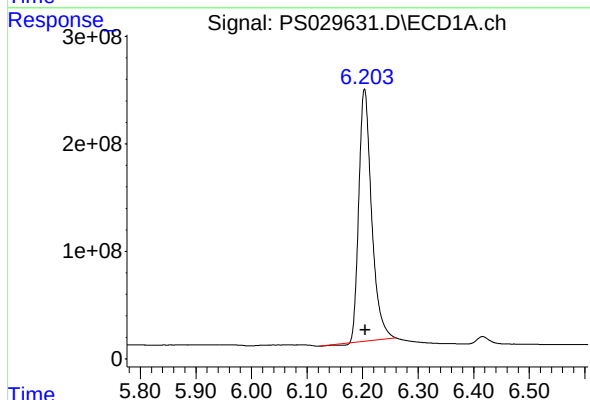
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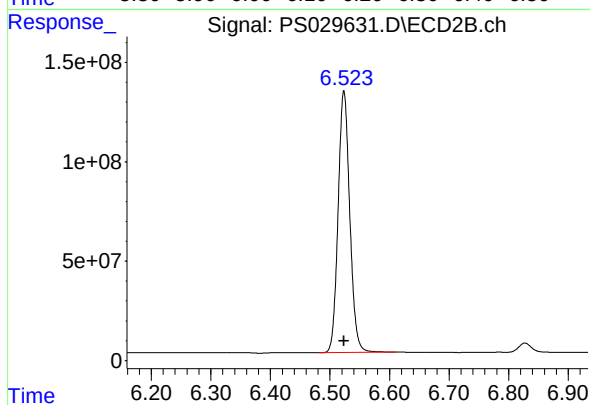
#1 Dalapon

R.T.: 2.566 min  
Delta R.T.: -0.001 min  
Response: 2927440727  
Conc: 882.47 ng/ml



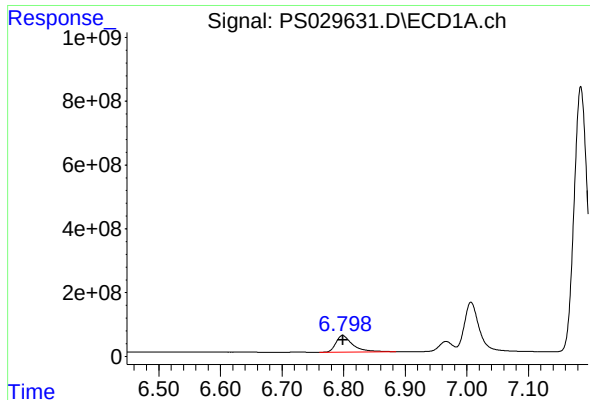
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 3748146184  
Conc: 928.86 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.523 min  
Delta R.T.: 0.000 min  
Response: 1791481516  
Conc: 897.61 ng/ml



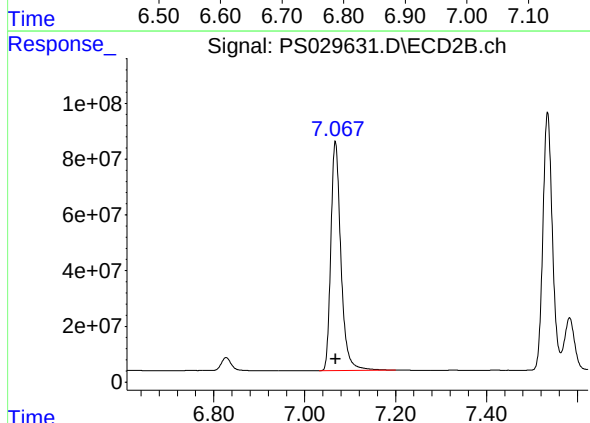
#3 4-Nitrophenol

R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 981565937  
Conc: 914.04 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1000

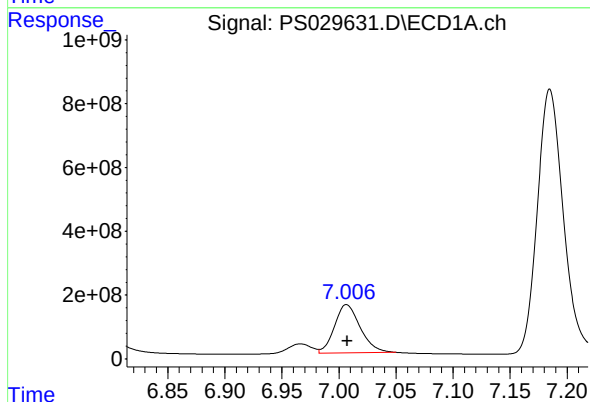
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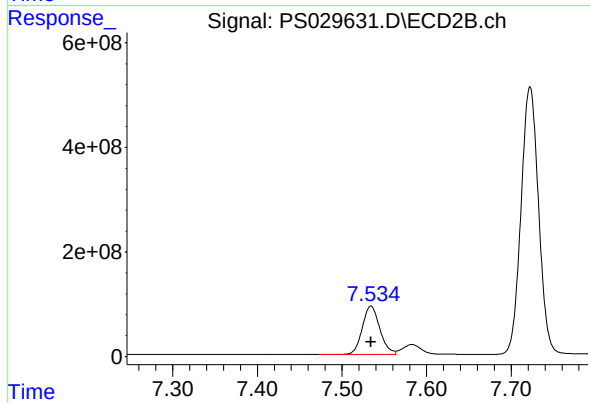
#3 4-Nitrophenol

R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 1265455845  
Conc: 888.44 ng/ml



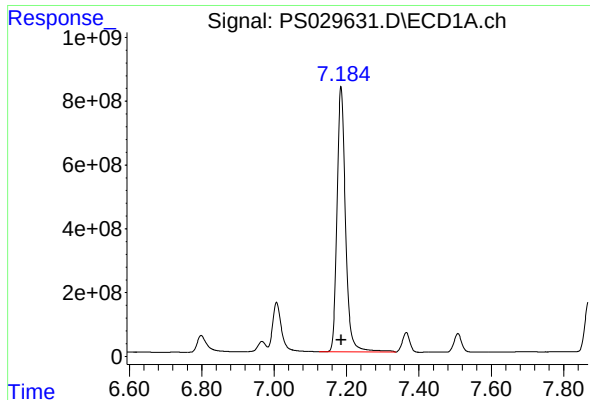
#4 2,4-DCAA

R.T.: 7.007 min  
Delta R.T.: 0.000 min  
Response: 2378873505  
Conc: 1016.00 ng/ml



#4 2,4-DCAA

R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 1334018577  
Conc: 969.72 ng/ml



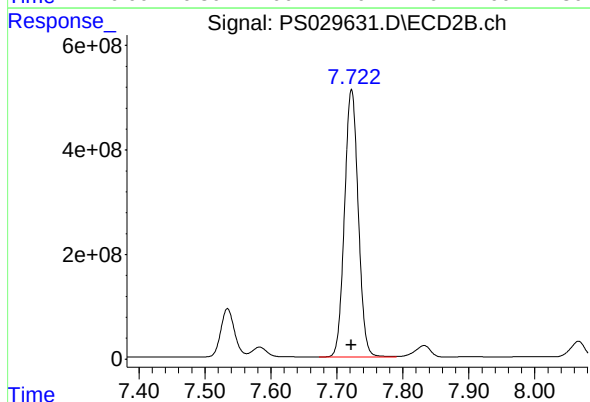
#5 DICAMBA

R.T.: 7.185 min  
Delta R.T.: 0.000 min  
Response: 13603999722  
Conc: 927.32 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1000

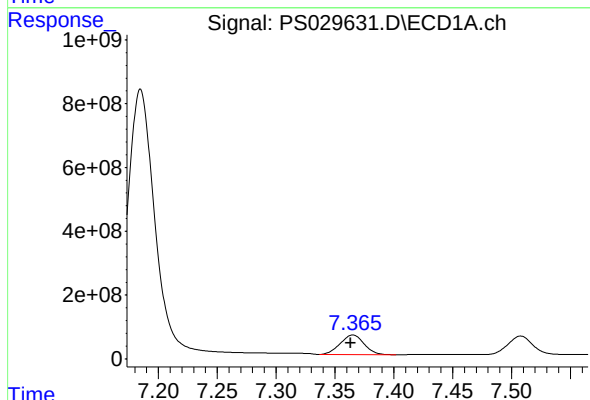
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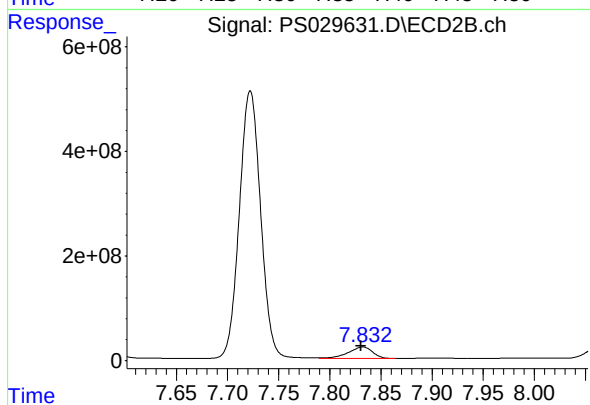
#5 DICAMBA

R.T.: 7.722 min  
Delta R.T.: 0.000 min  
Response: 7402938687  
Conc: 921.17 ng/ml



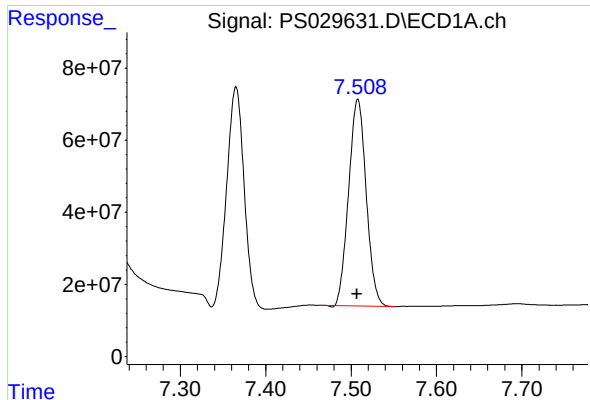
#6 MCPP

R.T.: 7.365 min  
Delta R.T.: 0.002 min  
Response: 870077242  
Conc: 100.52 ug/ml



#6 MCPP

R.T.: 7.832 min  
Delta R.T.: 0.002 min  
Response: 362321501  
Conc: 91.62 ug/ml



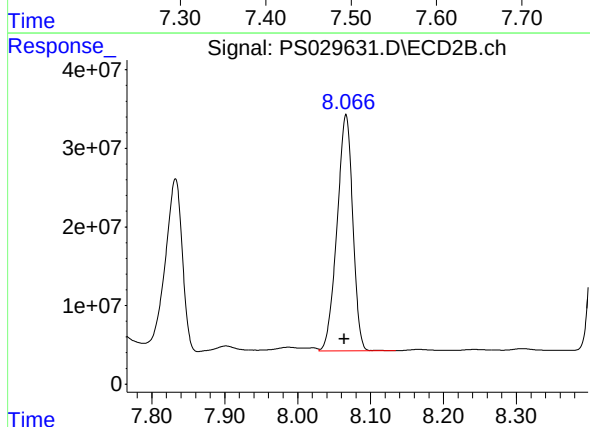
#7 MCPA

R.T.: 7.508 min  
Delta R.T.: 0.001 min  
Response: 819659680  
Conc: 100.36 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1000

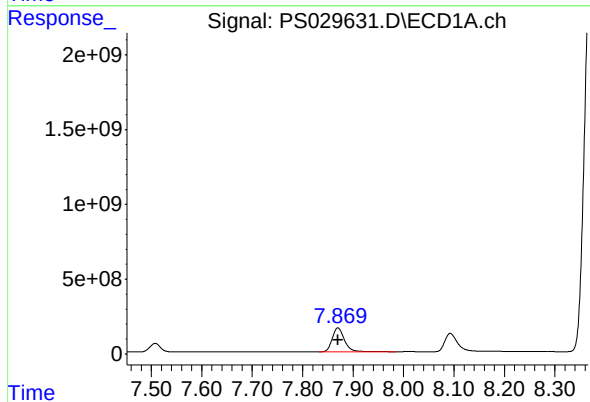
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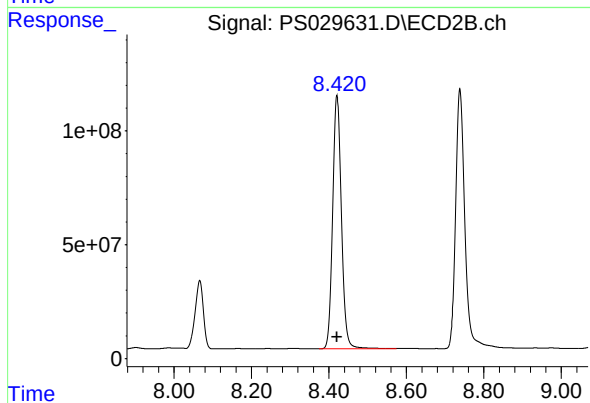
#7 MCPA

R.T.: 8.066 min  
Delta R.T.: 0.002 min  
Response: 451136637  
Conc: 90.17 ug/ml



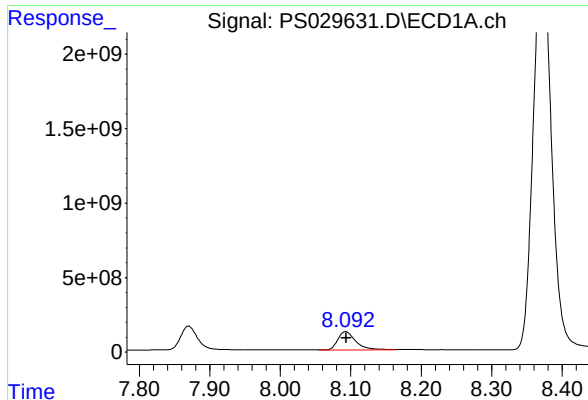
#8 DICHLORPROP

R.T.: 7.870 min  
Delta R.T.: 0.000 min  
Response: 2723400634  
Conc: 945.32 ng/ml



#8 DICHLORPROP

R.T.: 8.421 min  
Delta R.T.: 0.000 min  
Response: 1712358475  
Conc: 906.85 ng/ml



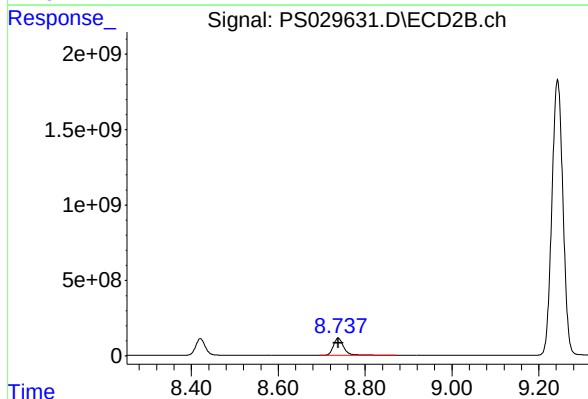
#9 2,4-D

R.T.: 8.093 min  
Delta R.T.: 0.000 min  
Response: 2208446782  
Conc: 940.49 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1000

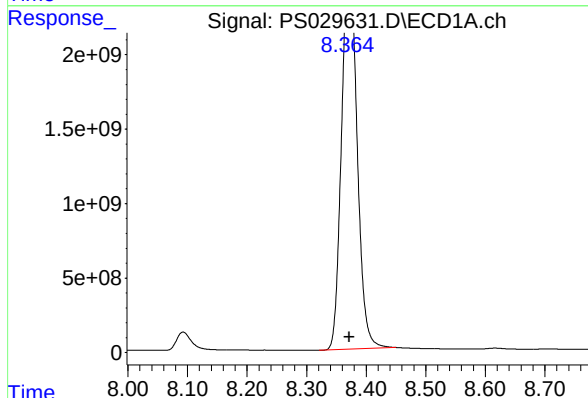
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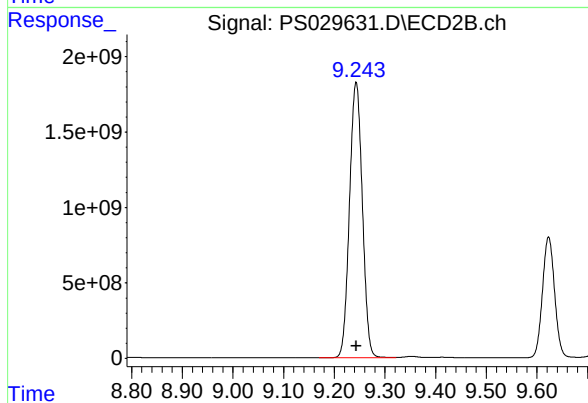
#9 2,4-D

R.T.: 8.738 min  
Delta R.T.: 0.000 min  
Response: 1876876977  
Conc: 908.87 ng/ml



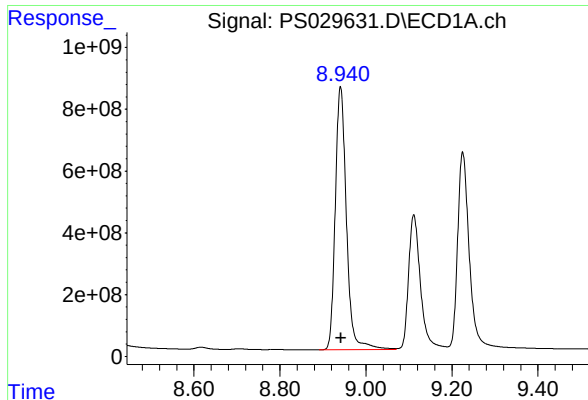
#10 Pentachlorophenol

R.T.: 8.376 min  
Delta R.T.: 0.004 min  
Response: 43957726881  
Conc: 856.64 ng/ml



#10 Pentachlorophenol

R.T.: 9.243 min  
Delta R.T.: 0.000 min  
Response: 32157110069  
Conc: 898.75 ng/ml



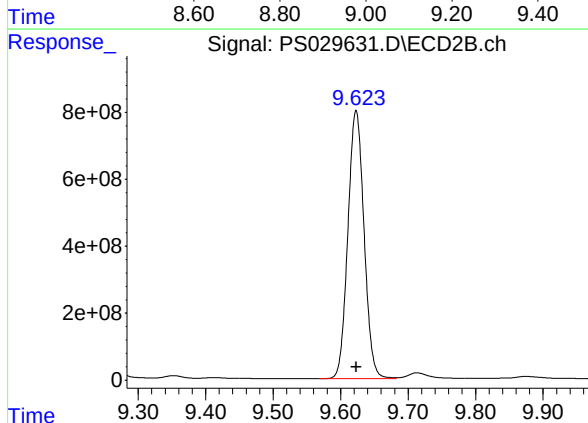
#11 2,4,5-TP (SILVEX)

R.T.: 8.941 min  
Delta R.T.: 0.000 min  
Response: 15345693935  
Conc: 956.83 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1000

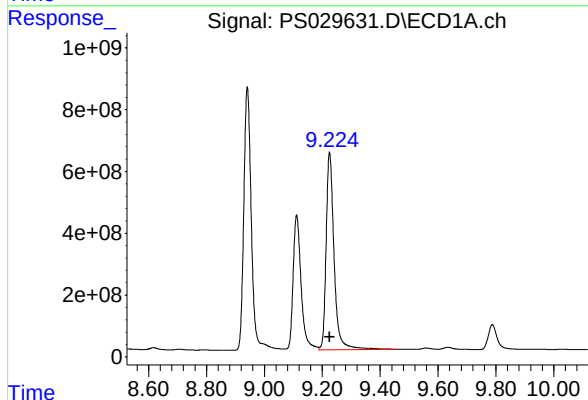
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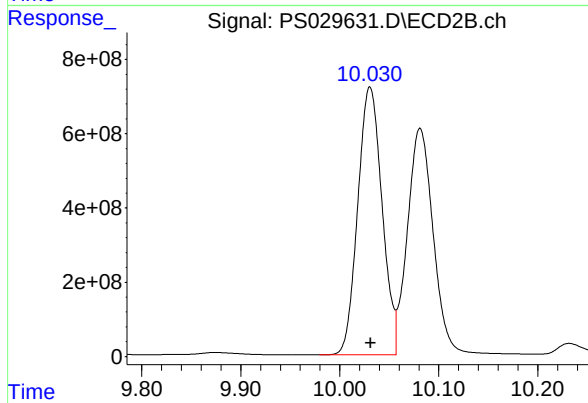
#11 2,4,5-TP (SILVEX)

R.T.: 9.623 min  
Delta R.T.: 0.000 min  
Response: 13292275139  
Conc: 911.21 ng/ml



#12 2,4,5-T

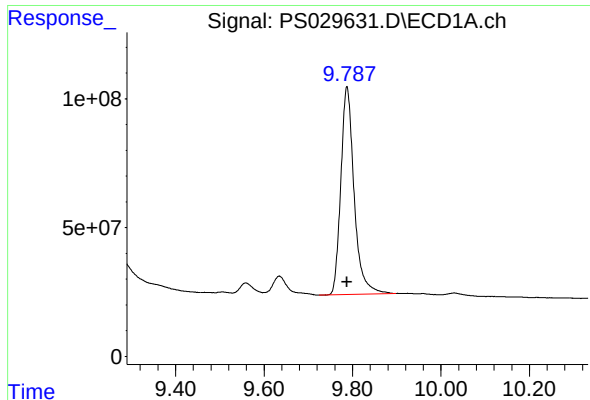
R.T.: 9.225 min  
Delta R.T.: 0.000 min  
Response: 12250461629  
Conc: 953.11 ng/ml



#12 2,4,5-T

R.T.: 10.031 min  
Delta R.T.: 0.000 min  
Response: 12294453385  
Conc: 916.23 ng/ml





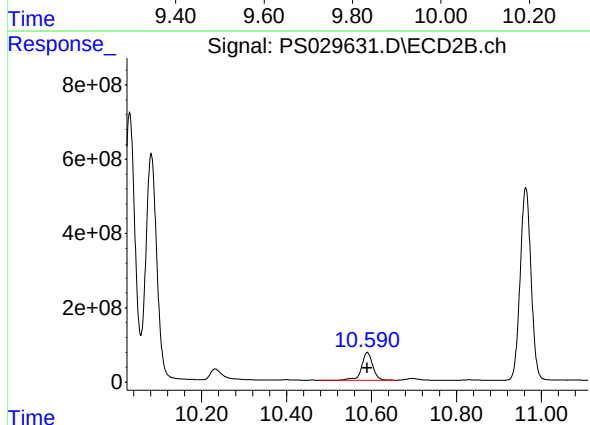
#13 2,4-DB

R.T.: 9.787 min  
Delta R.T.: 0.000 min  
Response: 1686079248  
Conc: 961.20 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1000

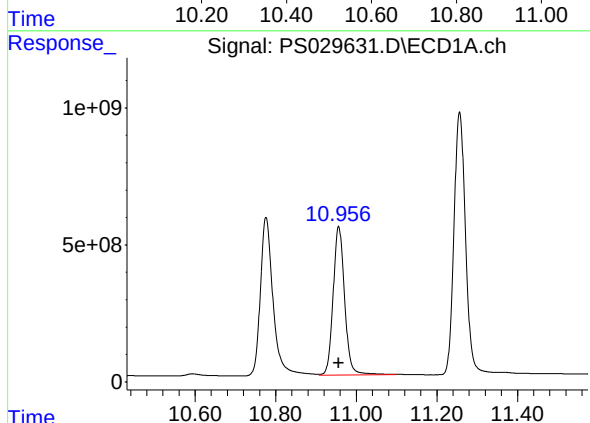
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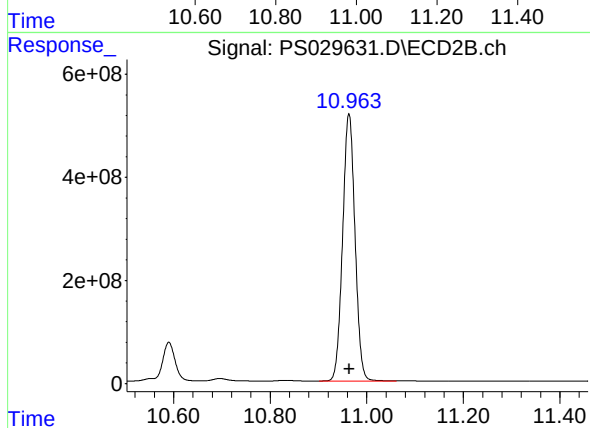
#13 2,4-DB

R.T.: 10.590 min  
Delta R.T.: 0.000 min  
Response: 1367912283  
Conc: 936.47 ng/ml



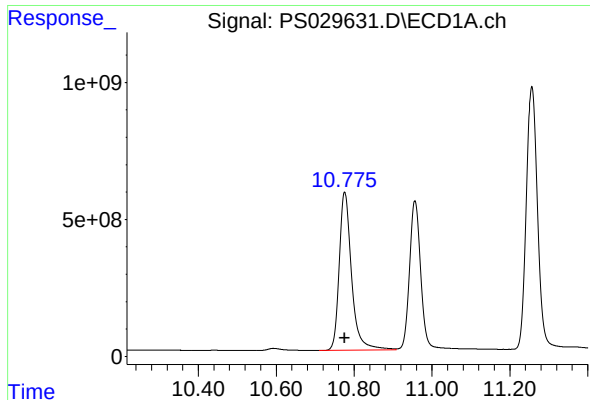
#14 DINOSEB

R.T.: 10.956 min  
Delta R.T.: 0.000 min  
Response: 10705575103  
Conc: 946.23 ng/ml



#14 DINOSEB

R.T.: 10.963 min  
Delta R.T.: 0.000 min  
Response: 9235864767  
Conc: 908.91 ng/ml



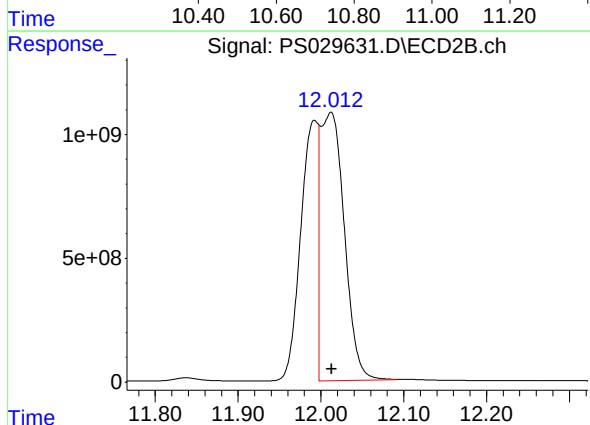
#15 Picloram

R.T.: 10.776 min  
Delta R.T.: 0.000 min  
Response: 12601376742  
Conc: 988.49 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDICC1000

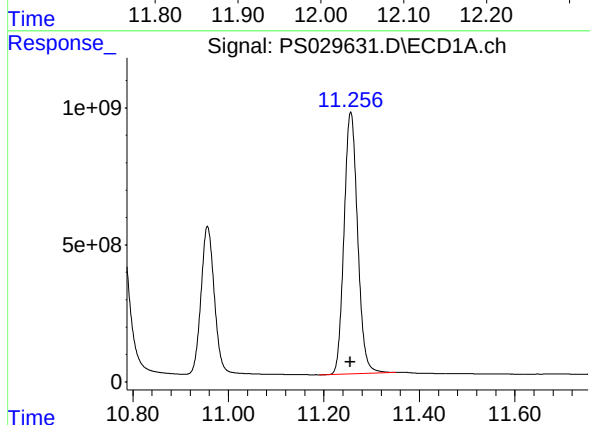
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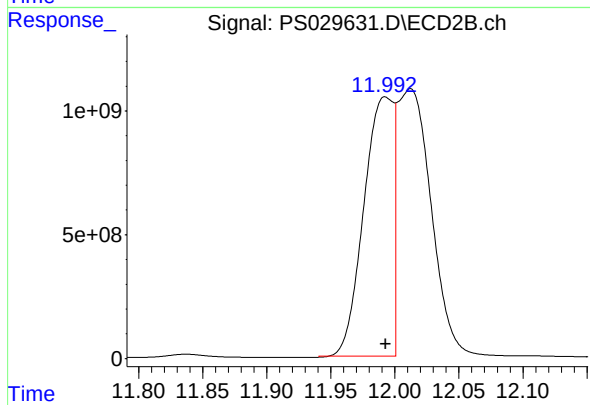
#15 Picloram

R.T.: 12.012 min  
Delta R.T.: -0.001 min  
Response: 21582486995  
Conc: 1053.51 ng/ml m



#16 DCPA

R.T.: 11.256 min  
Delta R.T.: 0.000 min  
Response: 18831799457  
Conc: 963.65 ng/ml



#16 DCPA

R.T.: 11.992 min  
Delta R.T.: 0.000 min  
Response: 16680211215  
Conc: 862.55 ng/ml m