

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS042325\  
 Data File : PS029943.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 21:03  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 00:25:12 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS042325.M  
 Quant Title : 8080.M  
 QLast Update : Wed Apr 23 12:57:40 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     | 6.940  | 7.466  | 1895.8E6  | 559.7E6   | 770.314 | 794.471  |
| Target Compounds            |              |        |        |           |           |         |          |
| 1) T                        | Dalapon      | 2.449  | 2.524  | 2901.7E6  | 1223.8E6  | 708.561 | 704.910  |
| 2) T                        | 3,5-DICHL... | 6.145  | 6.462  | 2572.1E6  | 721.8E6   | 719.717 | 738.343  |
| 3) T                        | 4-Nitroph... | 6.731  | 6.999  | 1263.3E6  | 546.2E6   | 708.399 | 713.137  |
| 5) T                        | DICAMBA      | 7.117  | 7.652  | 7272.3E6  | 3018.3E6  | 734.361 | 764.102  |
| 6) T                        | MCP          | 7.296  | 7.759  | 491.9E6   | 134.3E6   | 76.339  | 76.794   |
| 7) T                        | MCPA         | 7.439  | 7.990  | 658.3E6   | 173.5E6   | 74.541  | 73.325   |
| 8) T                        | DICHLORPROP  | 7.797  | 8.346  | 1818.6E6  | 744.7E6   | 717.637 | 741.715  |
| 9) T                        | 2,4-D        | 8.018  | 8.659  | 2031.1E6  | 833.9E6   | 722.058 | 739.889  |
| 10) T                       | Pentachlo... | 8.297  | 9.161  | 26222.4E6 | 15691.1E6 | 751.680 | 771.257  |
| 11) T                       | 2,4,5-TP ... | 8.861  | 9.540  | 10294.9E6 | 6265.6E6  | 742.626 | 765.801  |
| 12) T                       | 2,4,5-T      | 9.143  | 9.944  | 10452.4E6 | 5887.5E6  | 743.776 | 758.439  |
| 13) T                       | 2,4-DB       | 9.701  | 10.503 | 1687.6E6  | 615.5E6   | 738.427 | 764.778  |
| 14) T                       | DINOSEB      | 10.864 | 10.878 | 7504.5E6  | 4316.9E6  | 737.655 | 740.343  |
| 15) T                       | Picloram     | 10.682 | 11.918 | 13031.5E6 | 7587.5E6  | 710.914 | 617.694m |
| 16) T                       | DCPA         | 11.165 | 11.913 | 12810.6E6 | 8550.7E6  | 752.633 | 758.603m |
| -----                       |              |        |        |           |           |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS042325\  
Data File : PS029943.D  
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Acq On : 23 Apr 2025 21:03  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

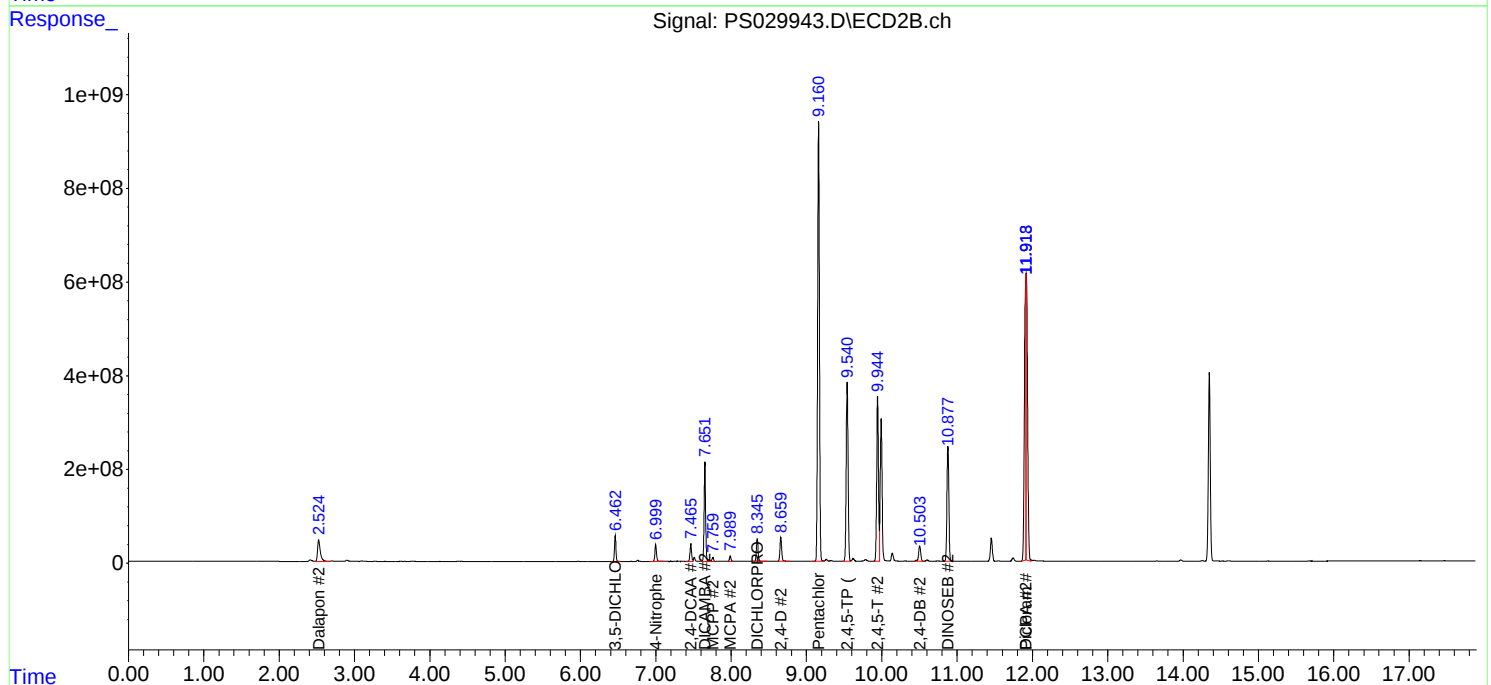
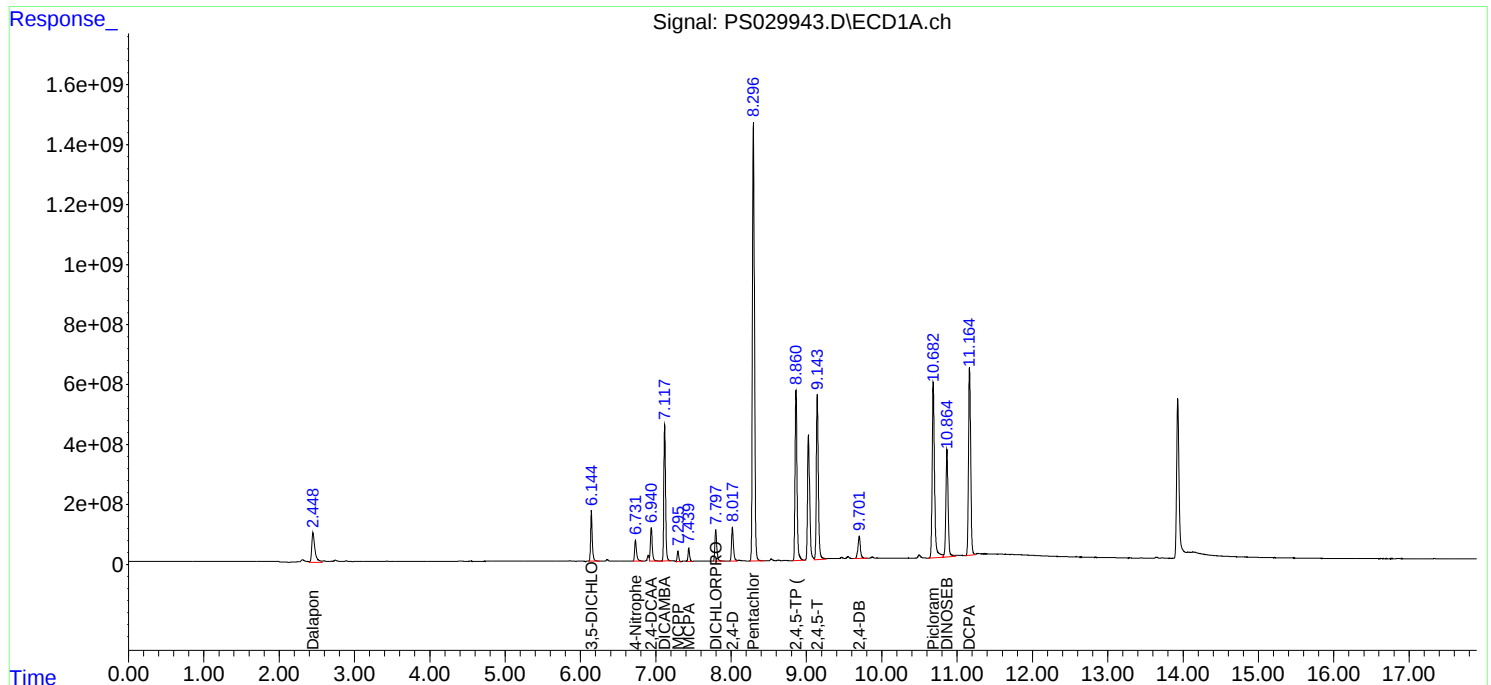
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

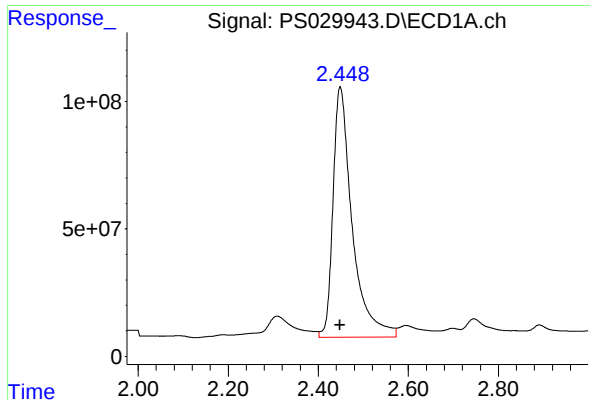
Manual Integrations  
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Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 00:25:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS042325.M  
Quant Title : 8080.M  
QLast Update : Wed Apr 23 12:57:40 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





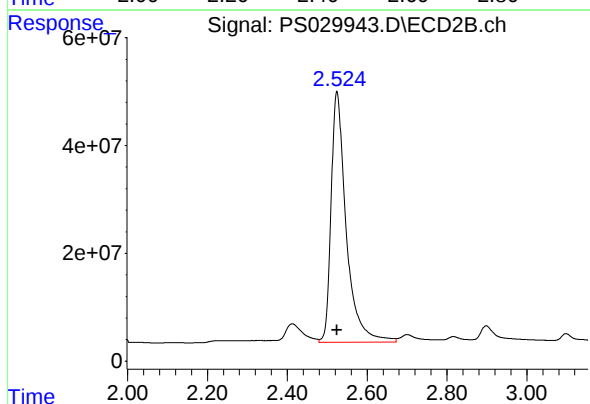
#1 Dalapon

R.T.: 2.449 min  
Delta R.T.: 0.000 min  
Response: 2901742084  
Conc: 708.56 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

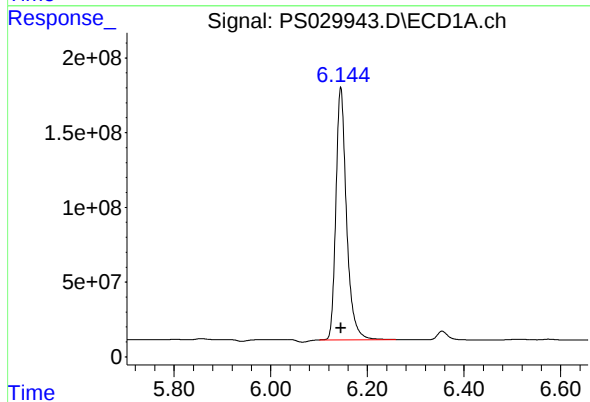
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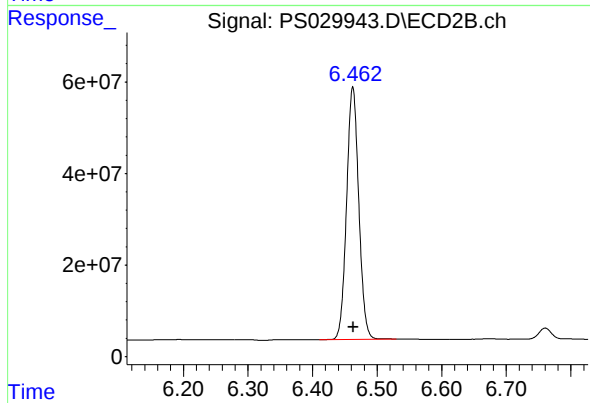
#1 Dalapon

R.T.: 2.524 min  
Delta R.T.: 0.000 min  
Response: 1223825693  
Conc: 704.91 ng/ml



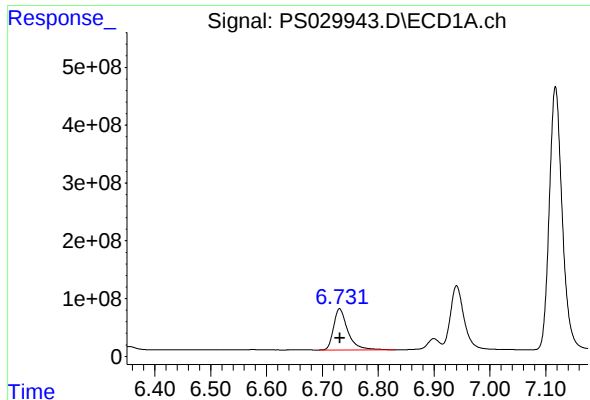
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.145 min  
Delta R.T.: 0.000 min  
Response: 2572113926  
Conc: 719.72 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.462 min  
Delta R.T.: 0.000 min  
Response: 721788404  
Conc: 738.34 ng/ml



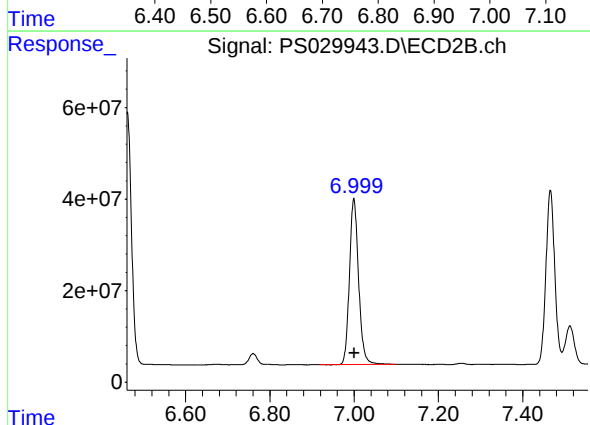
#3 4-Nitrophenol

R.T.: 6.731 min  
Delta R.T.: 0.000 min  
Response: 1263301321  
Conc: 708.40 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

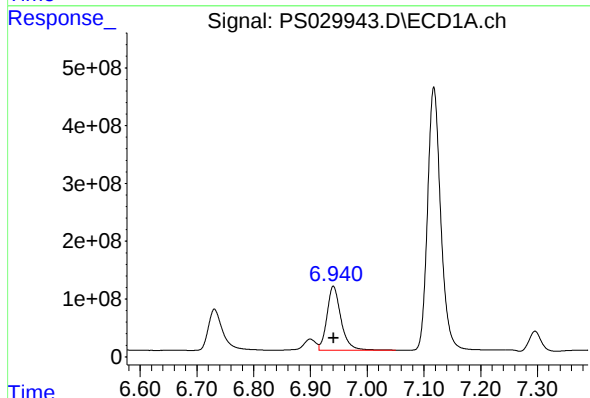
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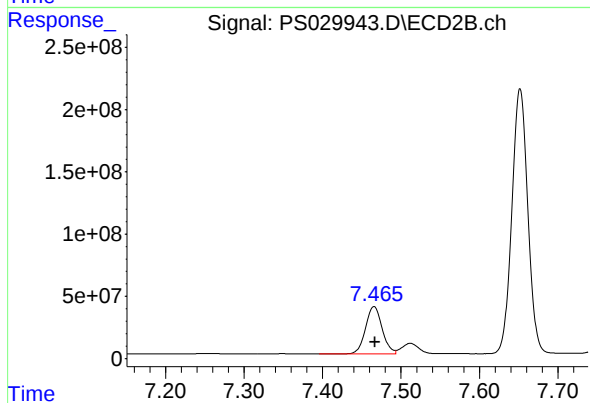
#3 4-Nitrophenol

R.T.: 6.999 min  
Delta R.T.: -0.001 min  
Response: 546206916  
Conc: 713.14 ng/ml



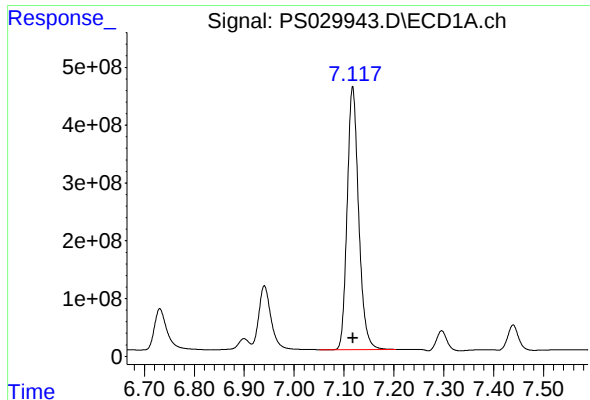
#4 2,4-DCAA

R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 1895802551  
Conc: 770.31 ng/ml



#4 2,4-DCAA

R.T.: 7.466 min  
Delta R.T.: -0.001 min  
Response: 559717982  
Conc: 794.47 ng/ml



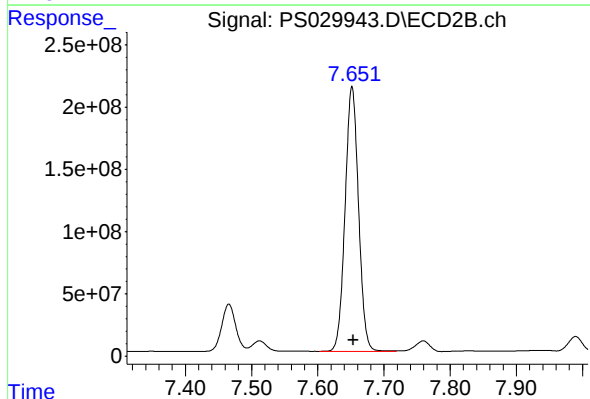
#5 DICAMBA

R.T.: 7.117 min  
Delta R.T.: 0.000 min  
Response: 7272275358  
Conc: 734.36 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

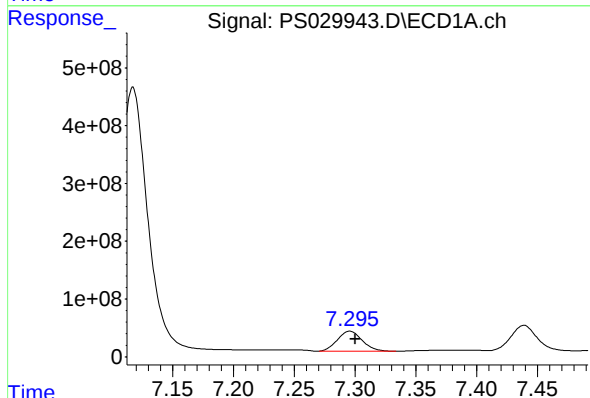
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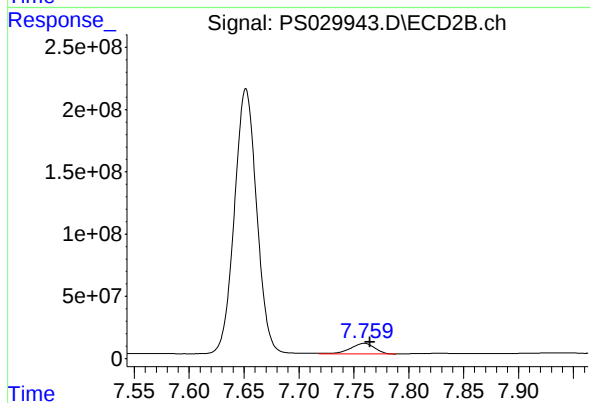
#5 DICAMBA

R.T.: 7.652 min  
Delta R.T.: -0.002 min  
Response: 3018252559  
Conc: 764.10 ng/ml



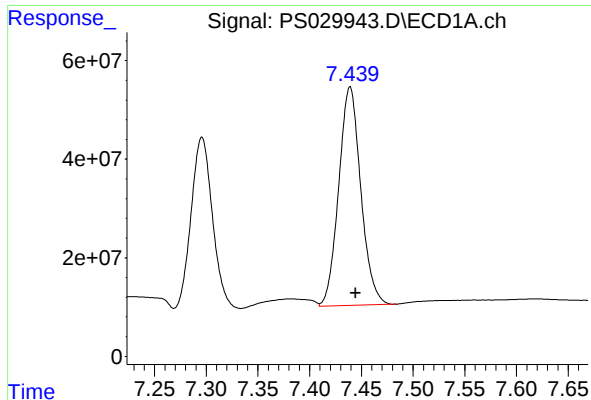
#6 MCPP

R.T.: 7.296 min  
Delta R.T.: -0.004 min  
Response: 491900006  
Conc: 76.34 ug/ml



#6 MCPP

R.T.: 7.759 min  
Delta R.T.: -0.005 min  
Response: 134309092  
Conc: 76.79 ug/ml



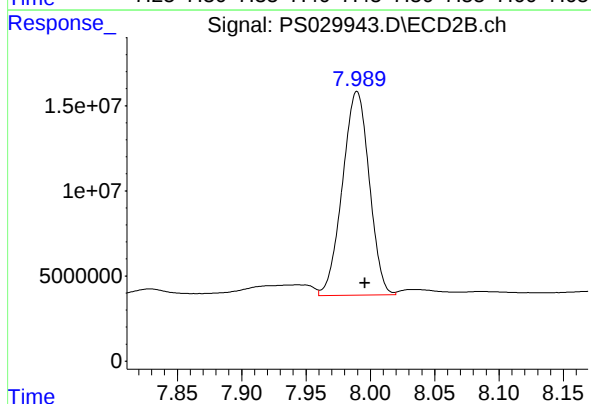
#7 MCPA

R.T.: 7.439 min  
Delta R.T.: -0.005 min  
Response: 658294296  
Conc: 74.54 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

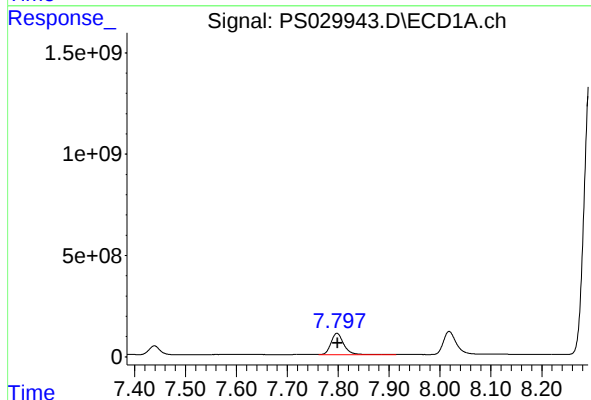
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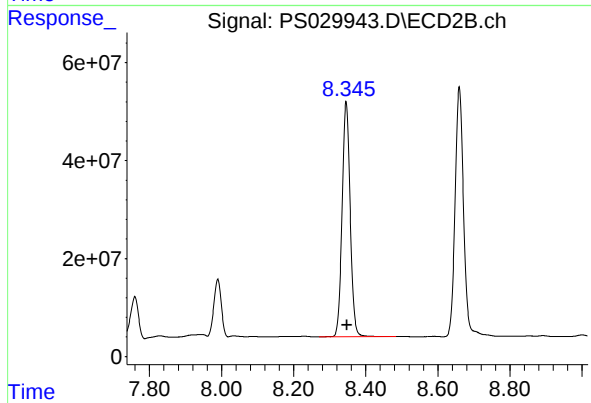
#7 MCPA

R.T.: 7.990 min  
Delta R.T.: -0.006 min  
Response: 173473166  
Conc: 73.33 ug/ml



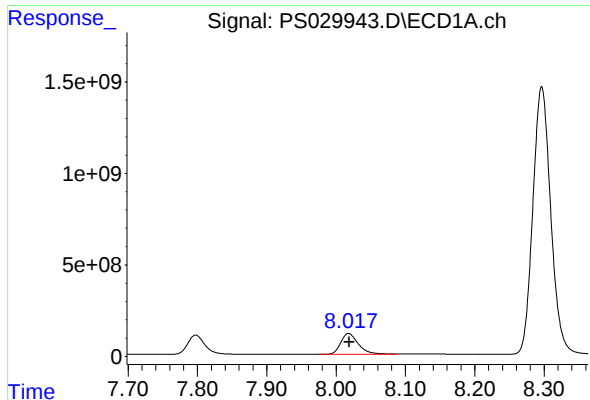
#8 DICHLORPROP

R.T.: 7.797 min  
Delta R.T.: -0.002 min  
Response: 1818568602  
Conc: 717.64 ng/ml



#8 DICHLORPROP

R.T.: 8.346 min  
Delta R.T.: -0.002 min  
Response: 744655249  
Conc: 741.71 ng/ml



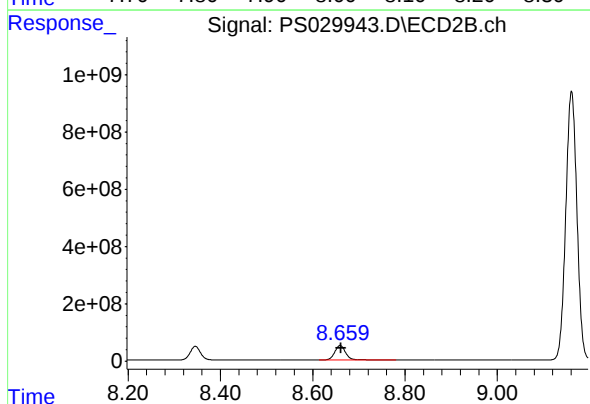
#9 2,4-D

R.T.: 8.018 min  
Delta R.T.: 0.000 min  
Response: 2031055264  
Conc: 722.06 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

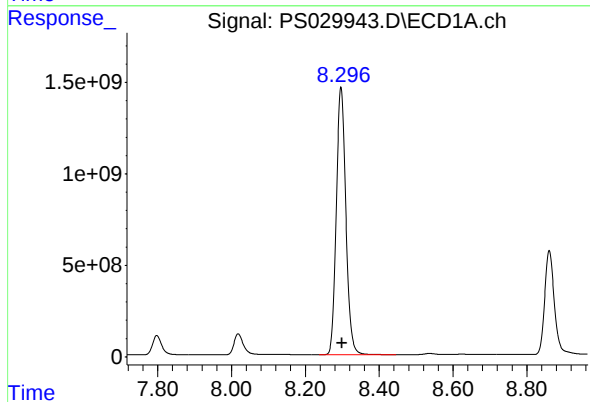
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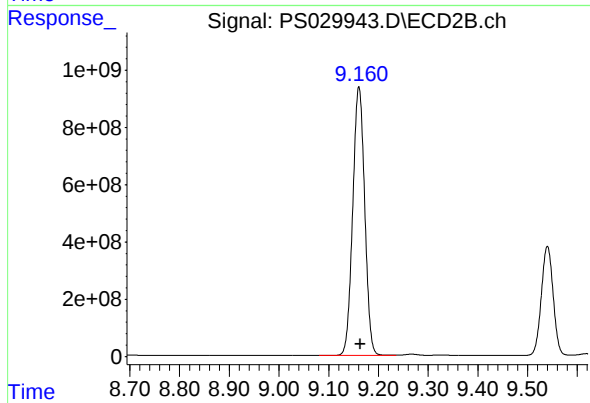
#9 2,4-D

R.T.: 8.659 min  
Delta R.T.: -0.002 min  
Response: 833933707  
Conc: 739.89 ng/ml



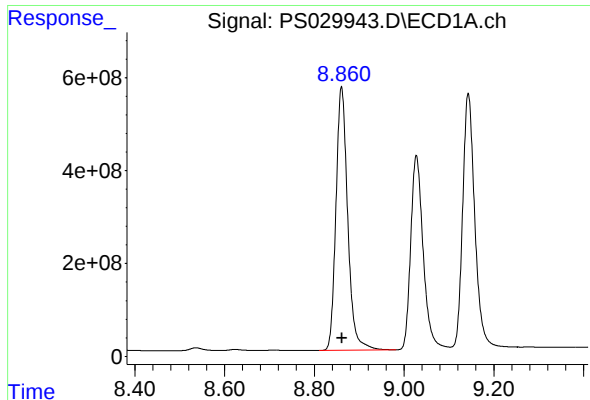
#10 Pentachlorophenol

R.T.: 8.297 min  
Delta R.T.: -0.003 min  
Response: 26222377632  
Conc: 751.68 ng/ml



#10 Pentachlorophenol

R.T.: 9.161 min  
Delta R.T.: -0.003 min  
Response: 15691075774  
Conc: 771.26 ng/ml



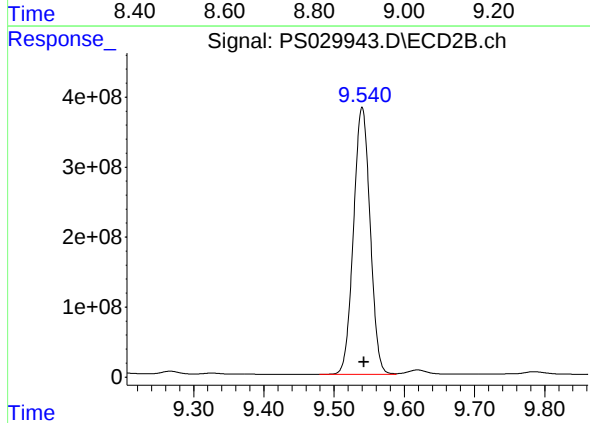
#11 2,4,5-TP (SILVEX)

R.T.: 8.861 min  
Delta R.T.: -0.002 min  
Response: 10294911665  
Conc: 742.63 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

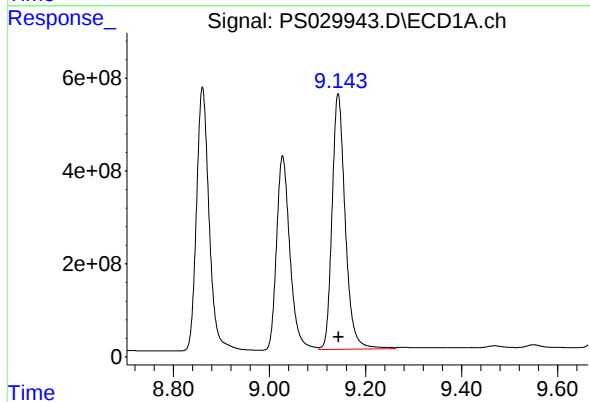
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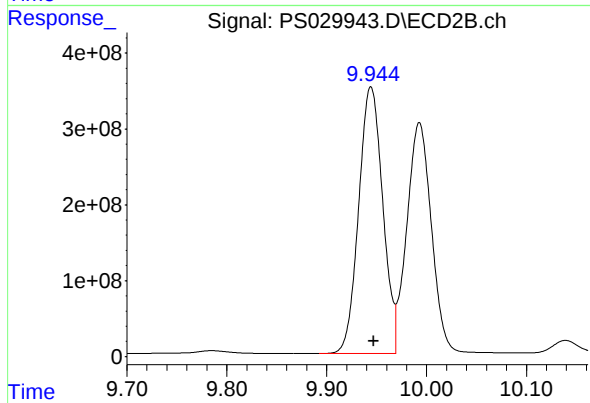
#11 2,4,5-TP (SILVEX)

R.T.: 9.540 min  
Delta R.T.: -0.003 min  
Response: 6265591307  
Conc: 765.80 ng/ml



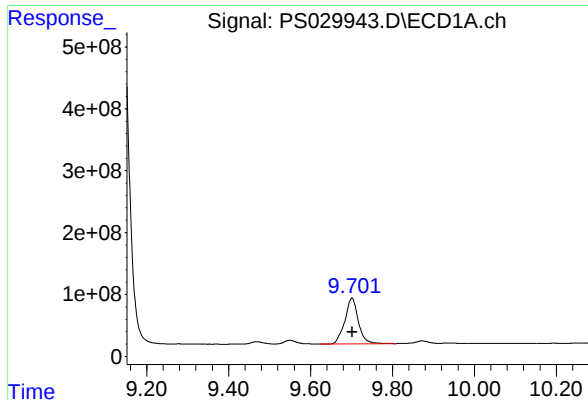
#12 2,4,5-T

R.T.: 9.143 min  
Delta R.T.: -0.001 min  
Response: 10452365024  
Conc: 743.78 ng/ml



#12 2,4,5-T

R.T.: 9.944 min  
Delta R.T.: -0.003 min  
Response: 5887455975  
Conc: 758.44 ng/ml



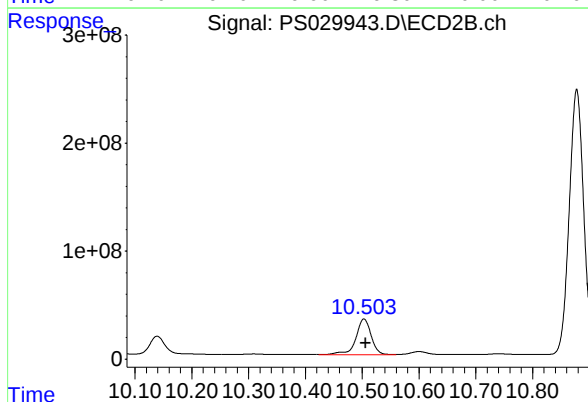
#13 2,4-DB

R.T.: 9.701 min  
Delta R.T.: -0.001 min  
Response: 1687568762  
Conc: 738.43 ng/ml

Instrument : ECD\_S  
ClientSampleId : HSTDCCC750

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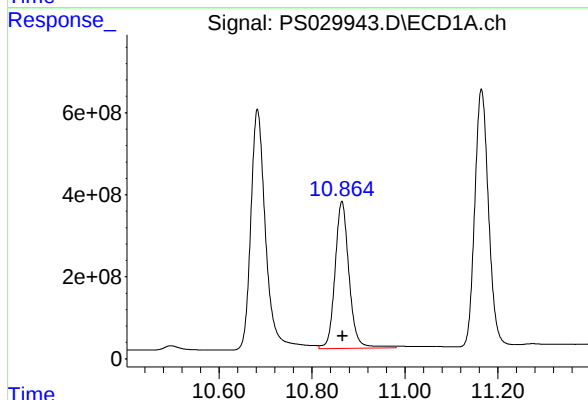


#13 2,4-DB

```

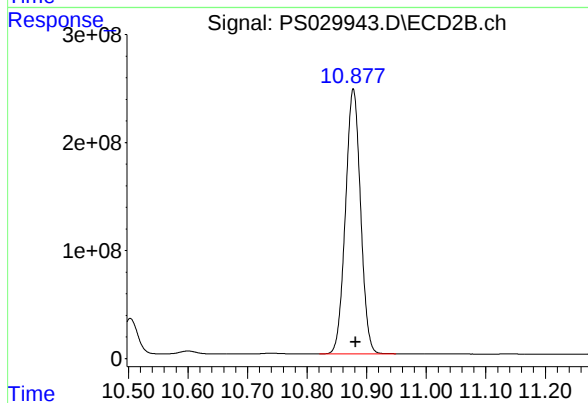
      R.T.:   10.503 min
Delta R.T.:  -0.003 min
Response: 615525554
      Conc: 764.78 ng/ml

```



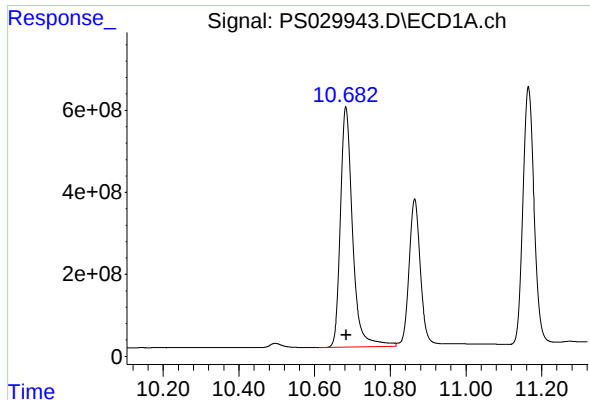
## #14 DINOSEB

R.T.: 10.864 min  
Delta R.T.: -0.001 min  
Response: 7504475331  
Conc: 737.65 ng/ml



## #14 DINOSEB

R.T.: 10.878 min  
Delta R.T.: -0.004 min  
Response: 4316923133  
Conc: 740.34 ng/ml



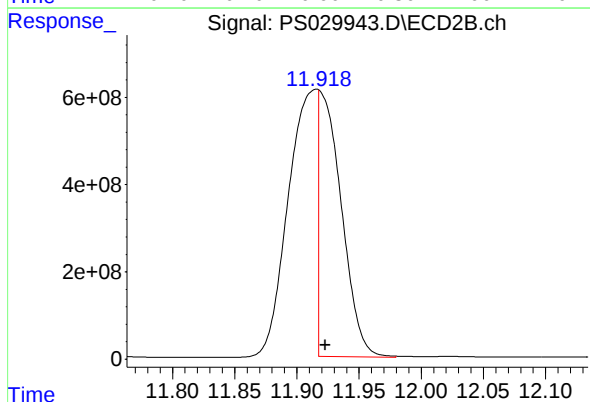
#15 Picloram

R.T.: 10.682 min  
Delta R.T.: -0.001 min  
Response: 13031498066  
Conc: 710.91 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

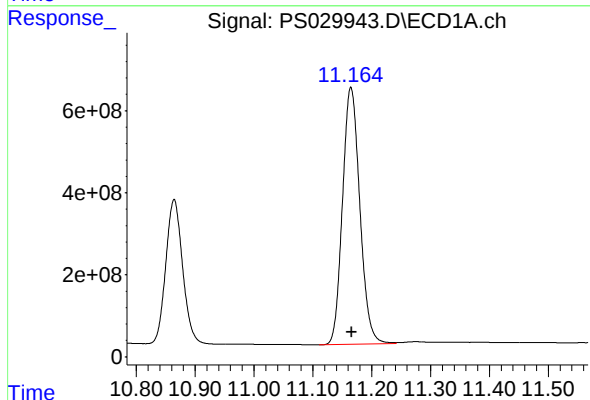
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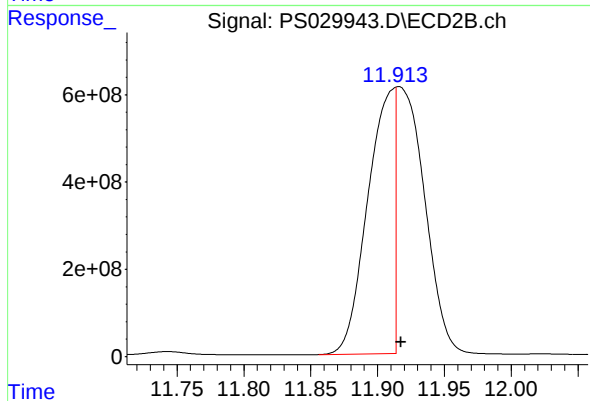
#15 Picloram

R.T.: 11.918 min  
Delta R.T.: -0.006 min  
Response: 7587537473  
Conc: 617.69 ng/ml m



#16 DCPA

R.T.: 11.165 min  
Delta R.T.: -0.001 min  
Response: 12810559706  
Conc: 752.63 ng/ml



#16 DCPA

R.T.: 11.913 min  
Delta R.T.: -0.004 min  
Response: 8550705544  
Conc: 758.60 ng/ml m