

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS021925\  
 Data File : PS029212.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Feb 2025 18:45  
 Operator : AR\AJ  
 Sample : Q1372-01MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 AU-05-021425MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/20/2025  
 Supervised By : Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 20 05:33:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS021925.M  
 Quant Title : 8080.M  
 QLast Update : Thu Feb 20 02:10:31 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

|                             | Compound     | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|--------------|--------|--------|----------|----------|----------|-----------|
| -----                       |              |        |        |          |          |          |           |
| System Monitoring Compounds |              |        |        |          |          |          |           |
| 4) S                        | 2,4-DCAA     | 7.156  | 7.635  | 336.9E6  | 131.8E6  | 202.137m | 136.229m# |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.599  | 2.652  | 653.0E6  | 610.4E6  | 198.636m | 287.333m# |
| 2) T                        | 3,5-DICHL... | 6.341  | 6.608  | 249.9E6  | 142.2E6  | 100.345  | 97.634    |
| 3) T                        | 4-Nitroph... | 6.957  | 7.167  | 279.3E6  | 206.5E6  | 194.795  | 241.178   |
| 5) T                        | DICAMBA      | 7.340  | 7.831  | 1132.7E6 | 665.8E6  | 129.085  | 126.021   |
| 6) T                        | MCPD         | 7.517  | 7.931  | 9016111  | 12179287 | 2.860m   | 5.338 #   |
| 7) T                        | MCPA         | 7.665  | 8.171  | 34277862 | 29069553 | 7.636    | 9.223     |
| 8) T                        | DICHLORPROP  | 8.041  | 8.541  | 209.3E6  | 133.1E6  | 93.798   | 101.577   |
| 9) T                        | 2,4-D        | 8.270  | 8.866  | 394.6E6  | 218.0E6  | 173.584  | 166.170   |
| 10) T                       | Pentachlo... | 8.563  | 9.384  | 3038.6E6 | 1739.1E6 | 72.984   | 73.097    |
| 11) T                       | 2,4,5-TP ... | 9.137  | 9.762  | 949.7E6  | 667.4E6  | 58.899   | 71.175    |
| 12) T                       | 2,4,5-T      | 9.427  | 10.177 | 1089.5E6 | 631.8E6  | 71.573m  | 73.012m   |
| 13) T                       | 2,4-DB       | 10.000 | 10.740 | 123.4E6  | 78920587 | 51.062m  | 92.293m#  |
| 14) T                       | DINOSEB      | 11.194 | 11.115 | 221.4E6  | 126.6E6  | 17.423   | 19.549    |
| 15) T                       | Picloram     | 11.006 | 12.193 | 5437.2E6 | 2559.9E6 | 208.059  | 204.135   |
| 16) T                       | DCPA         | 11.488 | 12.152 | 7372.7E6 | 4119.9E6 | 281.888  | 331.658   |
| -----                       |              |        |        |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS021925\  
Data File : PS0219212.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Feb 2025 18:45  
Operator : AR\AJ  
Sample : Q1372-01MSD  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

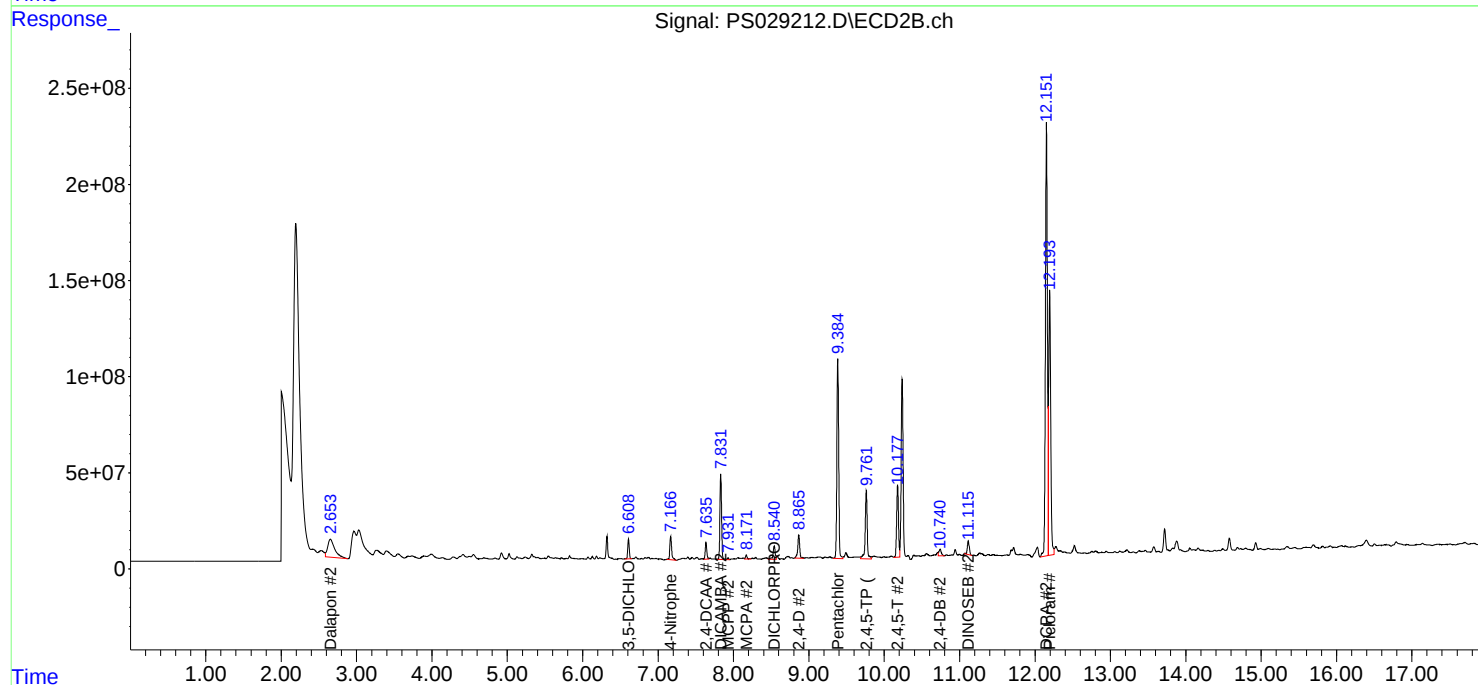
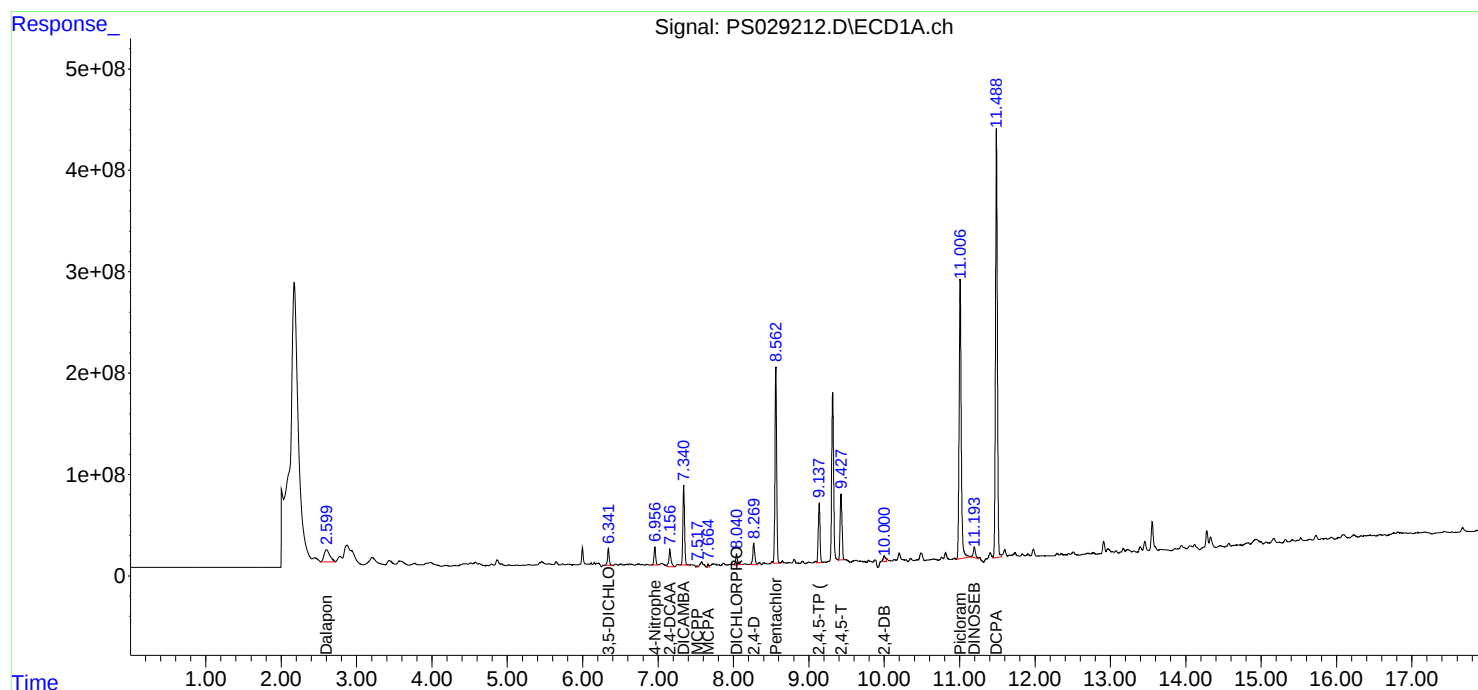
Instrument :  
ECD\_S  
ClientSampleId :  
AU-05-021425MSD

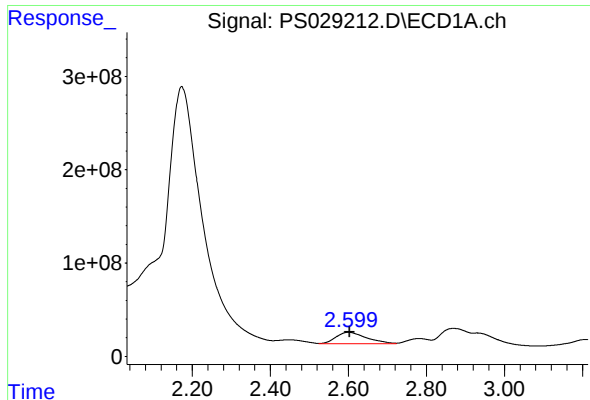
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 20 05:33:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS021925.M  
Quant Title : 8080.M  
QLast Update : Thu Feb 20 02:10:31 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





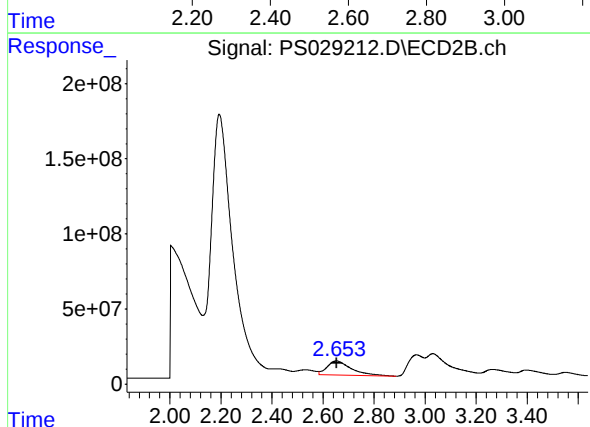
#1 Dalapon

R.T.: 2.599 min  
Delta R.T.: -0.005 min  
Response: 653012407  
Conc: 198.64 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
AU-05-021425MSD

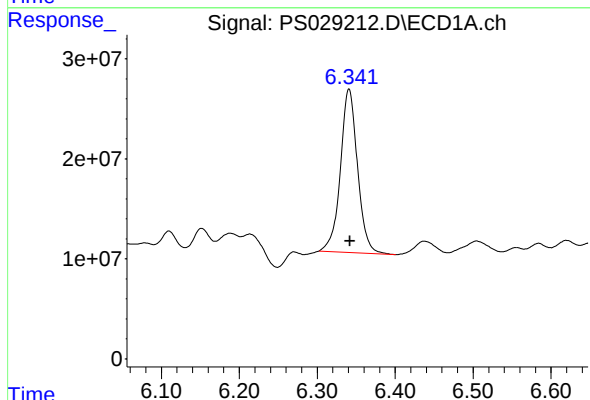
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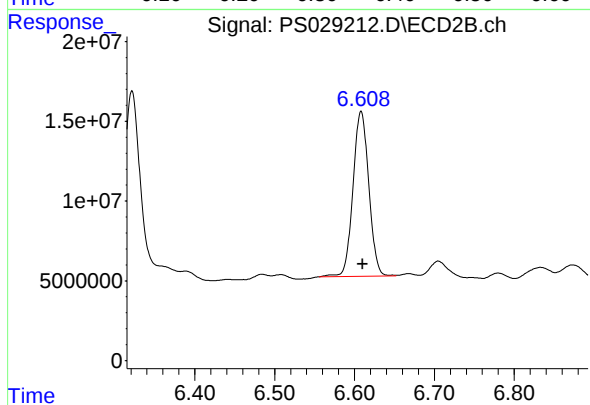
#1 Dalapon

R.T.: 2.652 min  
Delta R.T.: 0.000 min  
Response: 610443218  
Conc: 287.33 ng/ml



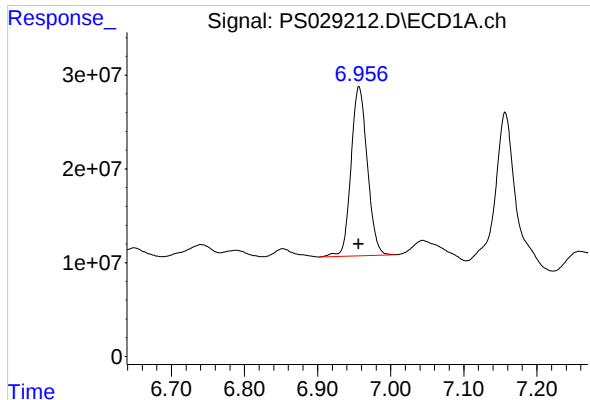
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.341 min  
Delta R.T.: -0.001 min  
Response: 249903374  
Conc: 100.34 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.608 min  
Delta R.T.: -0.002 min  
Response: 142151801  
Conc: 97.63 ng/ml



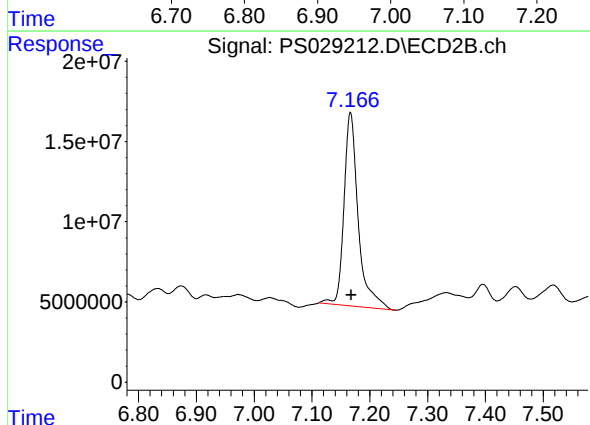
#3 4-Nitrophenol

R.T.: 6.957 min  
Delta R.T.: 0.000 min  
Response: 279308571  
Conc: 194.80 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
AU-05-021425MSD

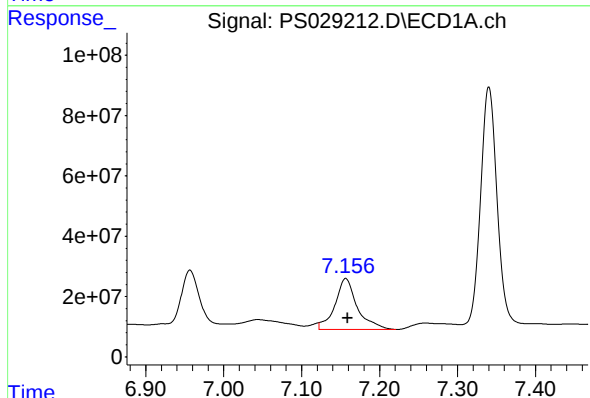
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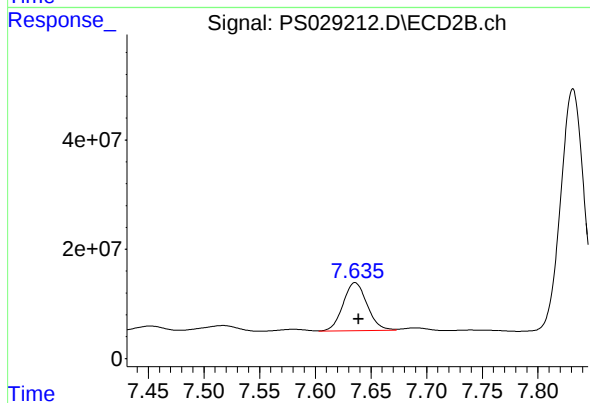
#3 4-Nitrophenol

R.T.: 7.167 min  
Delta R.T.: -0.002 min  
Response: 206539534  
Conc: 241.18 ng/ml



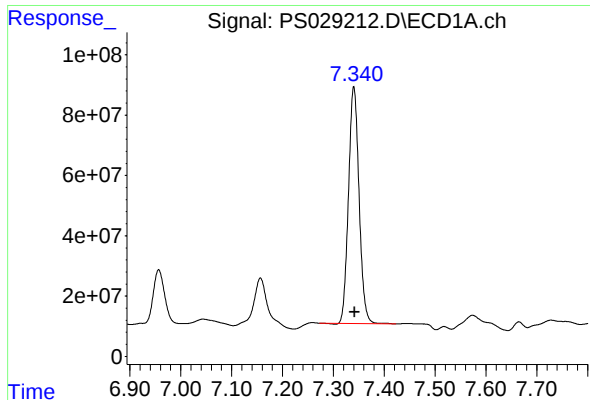
#4 2,4-DCAA

R.T.: 7.156 min  
Delta R.T.: -0.003 min  
Response: 336872132  
Conc: 202.14 ng/ml m



#4 2,4-DCAA

R.T.: 7.635 min  
Delta R.T.: -0.004 min  
Response: 131796995  
Conc: 136.23 ng/ml m



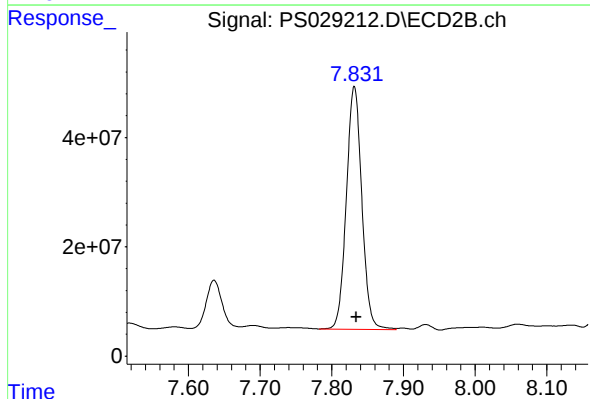
#5 DICAMBA

R.T.: 7.340 min  
Delta R.T.: -0.002 min  
Response: 1132713014  
Conc: 129.08 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
AU-05-021425MSD

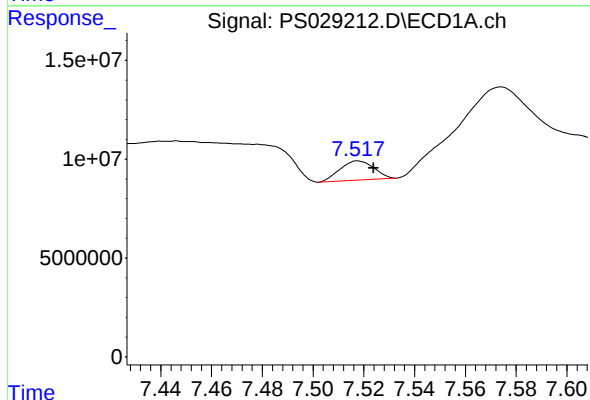
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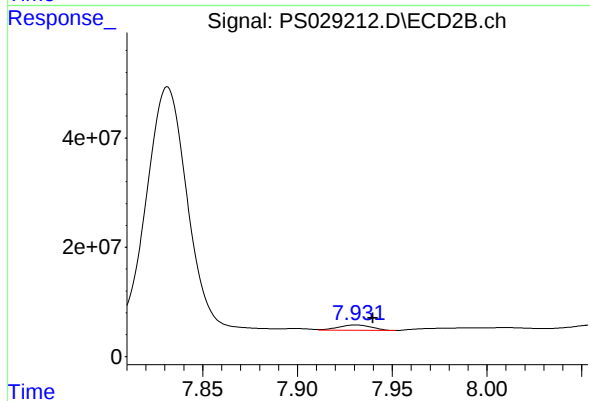
#5 DICAMBA

R.T.: 7.831 min  
Delta R.T.: -0.003 min  
Response: 665768075  
Conc: 126.02 ng/ml



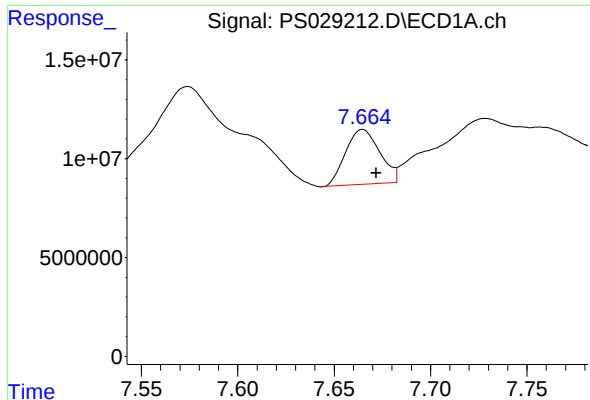
#6 MCPP

R.T.: 7.517 min  
Delta R.T.: -0.007 min  
Response: 9016111  
Conc: 2.86 ug/ml m



#6 MCPP

R.T.: 7.931 min  
Delta R.T.: -0.009 min  
Response: 12179287  
Conc: 5.34 ug/ml



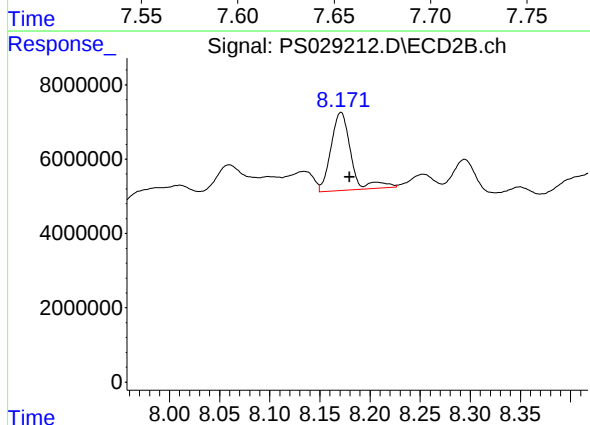
#7 MCPA

R.T.: 7.665 min  
Delta R.T.: -0.007 min  
Response: 34277862  
Conc: 7.64 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
AU-05-021425MSD

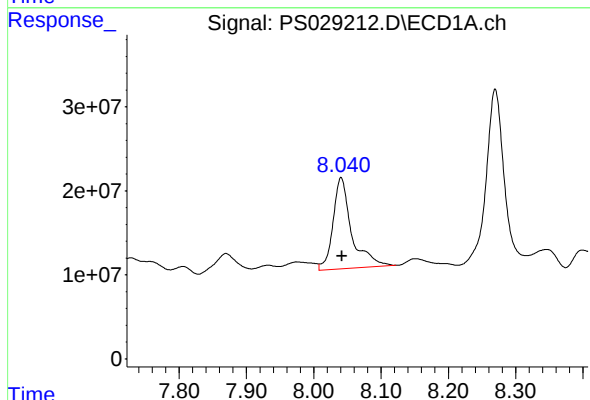
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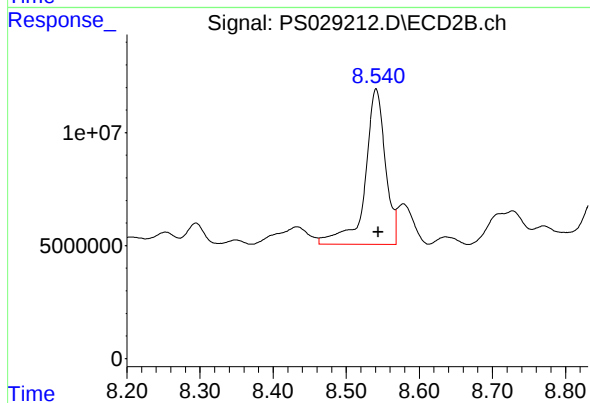
#7 MCPA

R.T.: 8.171 min  
Delta R.T.: -0.009 min  
Response: 29069553  
Conc: 9.22 ug/ml



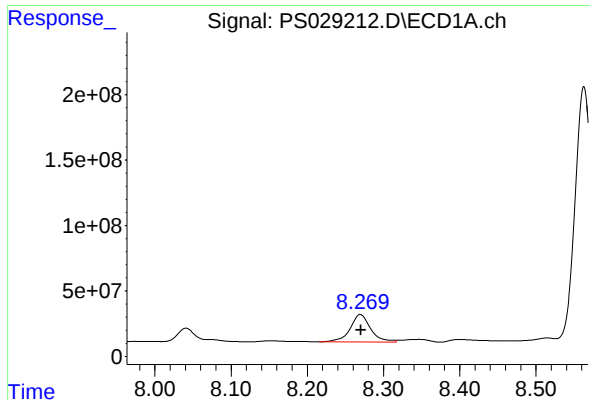
#8 DICHLORPROP

R.T.: 8.041 min  
Delta R.T.: -0.001 min  
Response: 209282244  
Conc: 93.80 ng/ml



#8 DICHLORPROP

R.T.: 8.541 min  
Delta R.T.: -0.003 min  
Response: 133109211  
Conc: 101.58 ng/ml



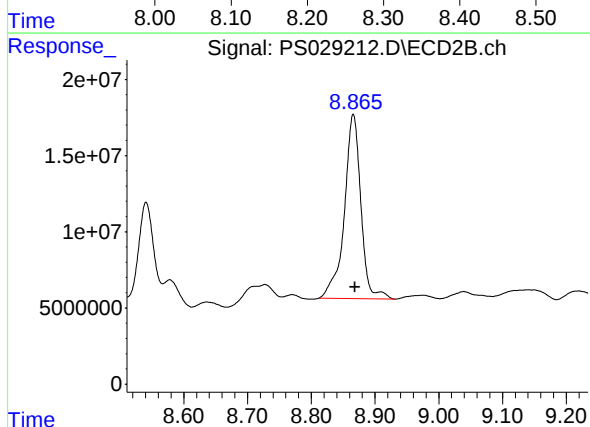
#9 2,4-D

R.T.: 8.270 min  
Delta R.T.: 0.000 min  
Response: 394568089  
Conc: 173.58 ng/ml

Instrument :  
ECD\_S  
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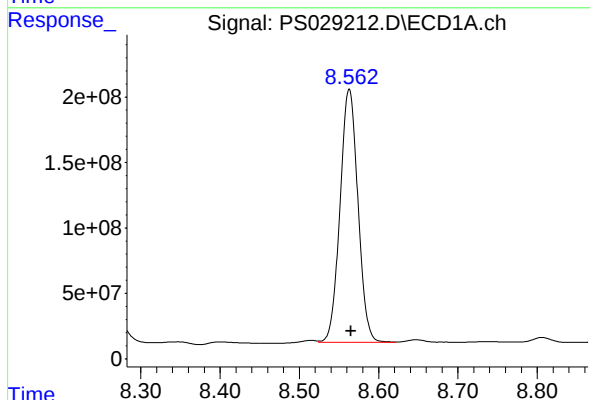
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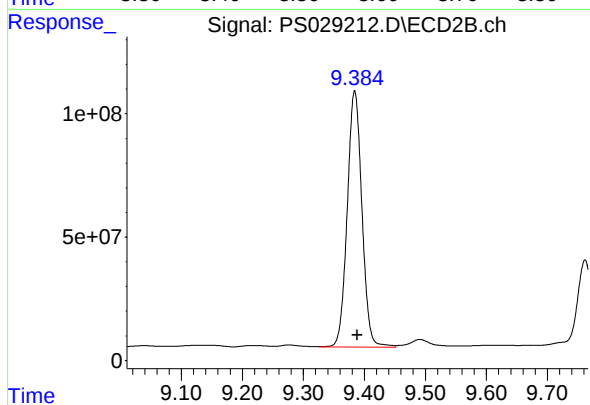
#9 2,4-D

R.T.: 8.866 min  
Delta R.T.: -0.003 min  
Response: 217979368  
Conc: 166.17 ng/ml



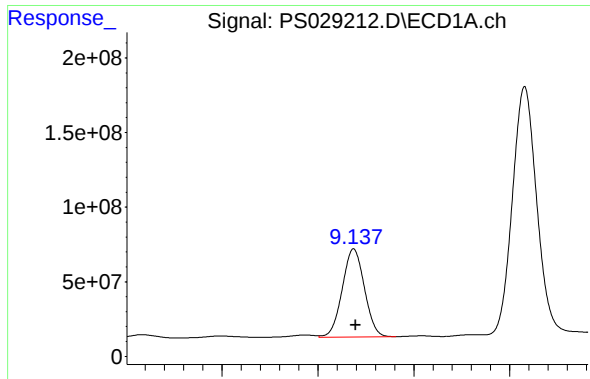
#10 Pentachlorophenol

R.T.: 8.563 min  
Delta R.T.: -0.002 min  
Response: 3038562100  
Conc: 72.98 ng/ml



#10 Pentachlorophenol

R.T.: 9.384 min  
Delta R.T.: -0.004 min  
Response: 1739091787  
Conc: 73.10 ng/ml



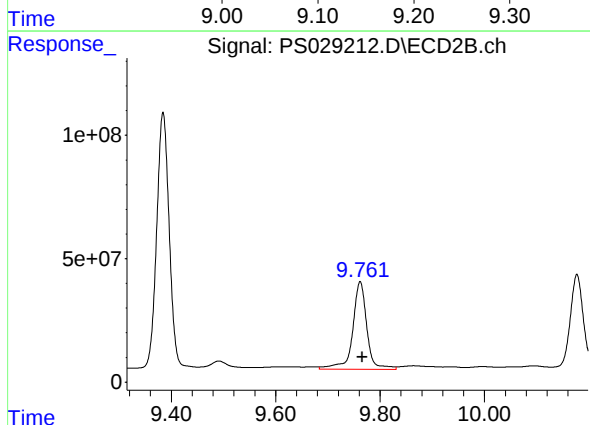
#11 2,4,5-TP (SILVEX)

R.T.: 9.137 min  
Delta R.T.: -0.002 min  
Response: 949739950  
Conc: 58.90 ng/ml

Instrument :  
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ClientSampleId :  
AU-05-021425MSD

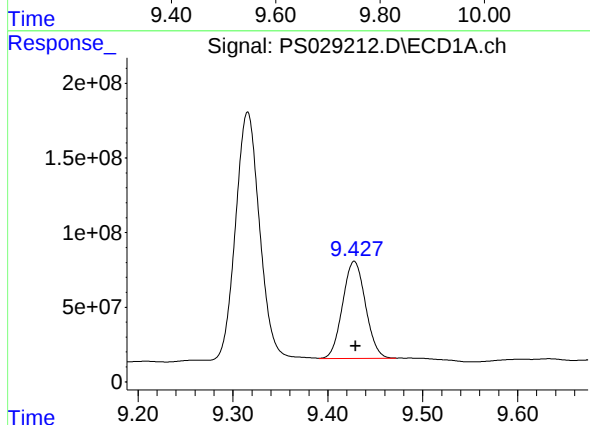
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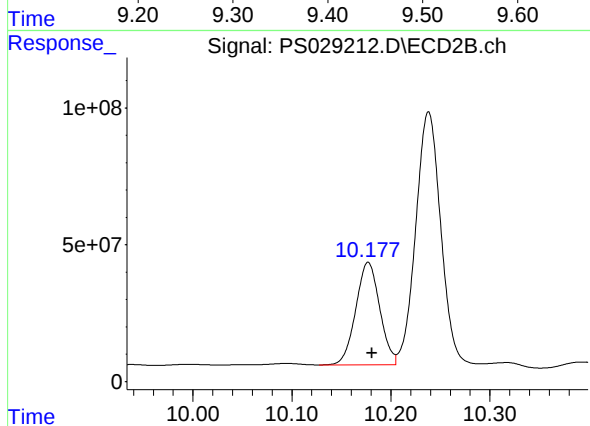
#11 2,4,5-TP (SILVEX)

R.T.: 9.762 min  
Delta R.T.: -0.004 min  
Response: 667372372  
Conc: 71.18 ng/ml



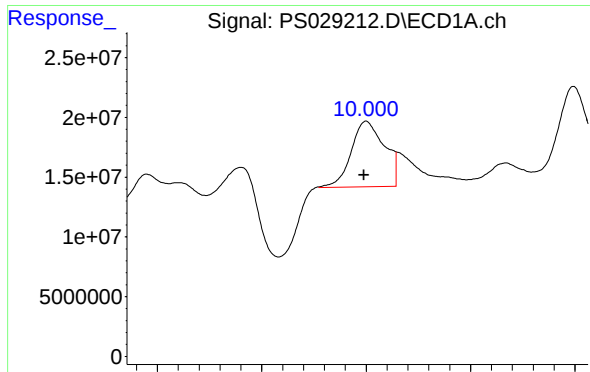
#12 2,4,5-T

R.T.: 9.427 min  
Delta R.T.: -0.002 min  
Response: 1089540876  
Conc: 71.57 ng/ml m



#12 2,4,5-T

R.T.: 10.177 min  
Delta R.T.: -0.004 min  
Response: 631809306  
Conc: 73.01 ng/ml m



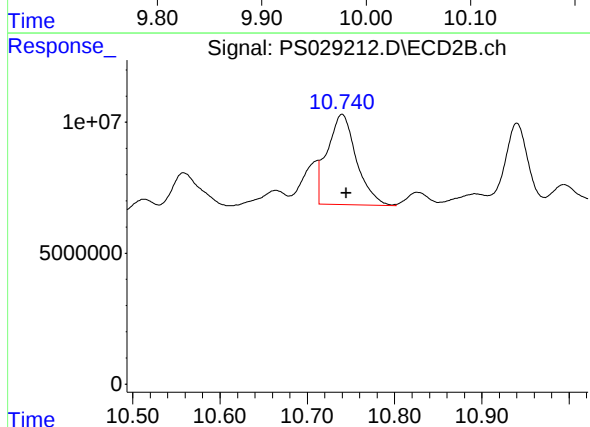
#13 2,4-DB

R.T.: 10.000 min  
Delta R.T.: 0.002 min  
Response: 123421862  
Conc: 51.06 ng/ml

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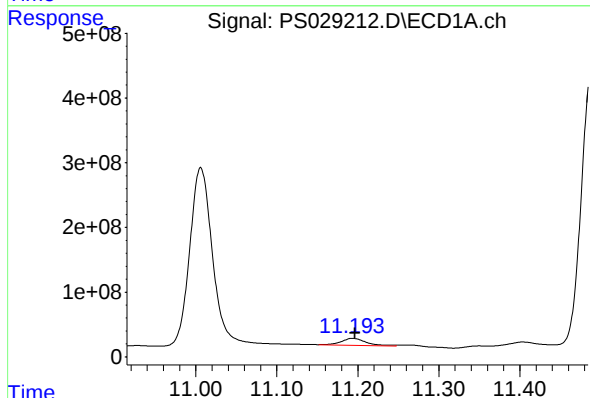
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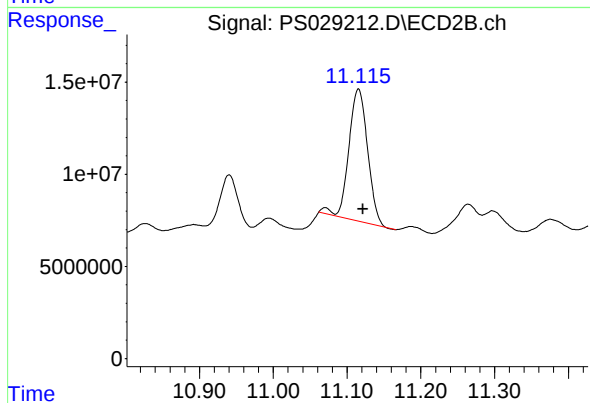
#13 2,4-DB

R.T.: 10.740 min  
Delta R.T.: -0.005 min  
Response: 78920587  
Conc: 92.29 ng/ml



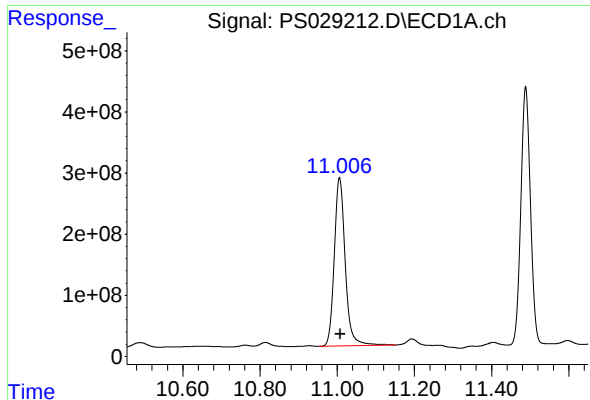
#14 DINOSEB

R.T.: 11.194 min  
Delta R.T.: -0.003 min  
Response: 221378251  
Conc: 17.42 ng/ml



#14 DINOSEB

R.T.: 11.115 min  
Delta R.T.: -0.006 min  
Response: 126595127  
Conc: 19.55 ng/ml



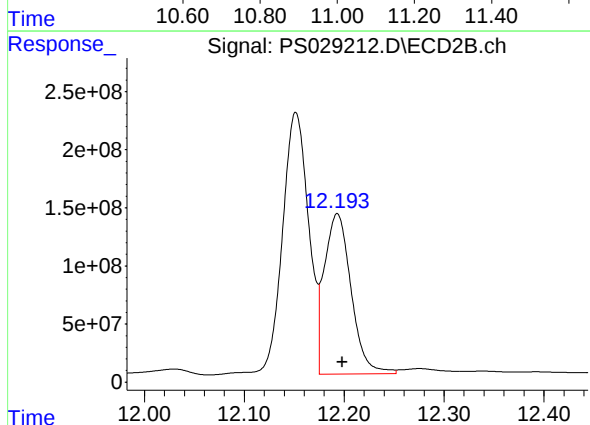
#15 Picloram

R.T.: 11.006 min  
Delta R.T.: -0.001 min  
Response: 5437243633  
Conc: 208.06 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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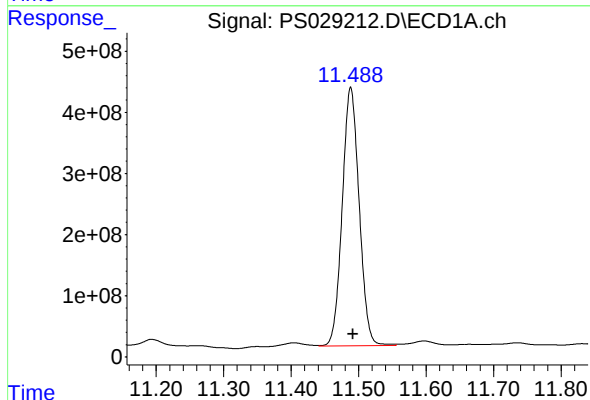
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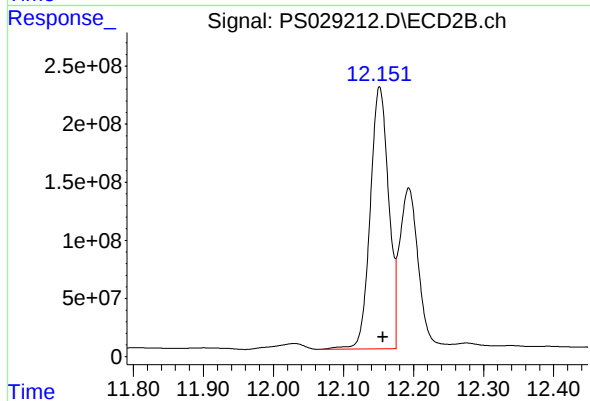
#15 Picloram

R.T.: 12.193 min  
Delta R.T.: -0.005 min  
Response: 2559895930  
Conc: 204.13 ng/ml



#16 DCPA

R.T.: 11.488 min  
Delta R.T.: -0.003 min  
Response: 7372706844  
Conc: 281.89 ng/ml



#16 DCPA

R.T.: 12.152 min  
Delta R.T.: -0.005 min  
Response: 4119896400  
Conc: 331.66 ng/ml