

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS021325\  
 Data File : PS029171.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Feb 2025 23:48  
 Operator : AR\AJ  
 Sample : Q1356-04MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 CARBON-WATERMS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/14/2025  
 Supervised By : Ankita Jodhani 02/14/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 01:26:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS021225.M  
 Quant Title : 8080.M  
 QLast Update : Wed Feb 12 09:17:13 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     | 7.187  | 7.662  | 1373.3E6  | 497.4E6   | 496.888m | 469.871   |
| Target Compounds            |              |        |        |           |           |          |           |
| 1) T                        | Dalapon      | 2.615  | 2.661  | 1519.2E6  | 968.4E6   | 480.282  | 511.493   |
| 2) T                        | 3,5-DICHL... | 6.366  | 6.630  | 1854.6E6  | 669.5E6   | 468.114  | 437.603   |
| 3) T                        | 4-Nitroph... | 6.986  | 7.192  | 704.3E6   | 358.7E6   | 413.053  | 413.632   |
| 5) T                        | DICAMBA      | 7.372  | 7.857  | 5195.9E6  | 2344.1E6  | 431.480  | 424.141   |
| 6) T                        | MCPD         | 7.552  | 7.961  | 291.7E6   | 107.4E6   | 42.103   | 43.543    |
| 7) T                        | MCPA         | 7.700  | 8.201  | 405.3E6   | 152.7E6   | 42.344   | 43.635    |
| 8) T                        | DICHLORPROP  | 8.074  | 8.568  | 1384.8E6  | 657.6E6   | 438.354  | 477.498   |
| 9) T                        | 2,4-D        | 8.303  | 8.895  | 1622.6E6  | 673.8E6   | 482.344  | 470.321   |
| 10) T                       | Pentachlo... | 8.599  | 9.415  | 23532.0E6 | 11027.0E6 | 499.045  | 457.178   |
| 11) T                       | 2,4,5-TP ... | 9.174  | 9.792  | 9337.3E6  | 4578.5E6  | 481.544  | 468.718m  |
| 12) T                       | 2,4,5-T      | 9.464  | 10.209 | 8482.3E6  | 3956.5E6  | 437.919  | 427.160   |
| 13) T                       | 2,4-DB       | 10.036 | 10.773 | 1371.8E6  | 436.2E6   | 369.135  | 459.196m  |
| 14) T                       | DINOSEB      | 11.234 | 11.150 | 6627.5E6  | 2342.6E6  | 457.050  | 424.793   |
| 15) T                       | Picloram     | 11.047 | 12.229 | 12155.3E6 | 4843.3E6  | 380.417  | 352.272   |
| 16) T                       | DCPA         | 11.527 | 12.187 | 9255.8E6  | 5437.8E6  | 319.206  | 440.846 # |
| -----                       |              |        |        |           |           |          |           |

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

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Data File : PS029171.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Feb 2025 23:48  
Operator : AR\AJ  
Sample : Q1356-04MS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

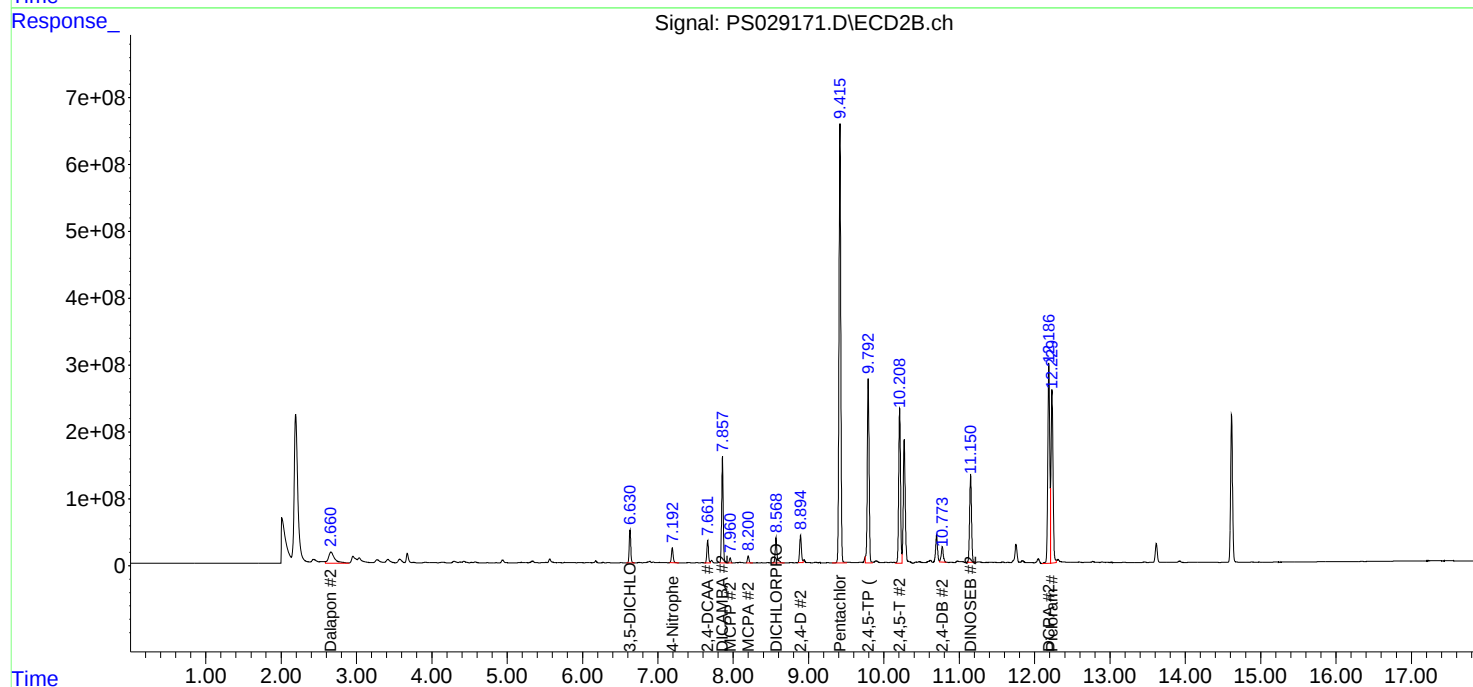
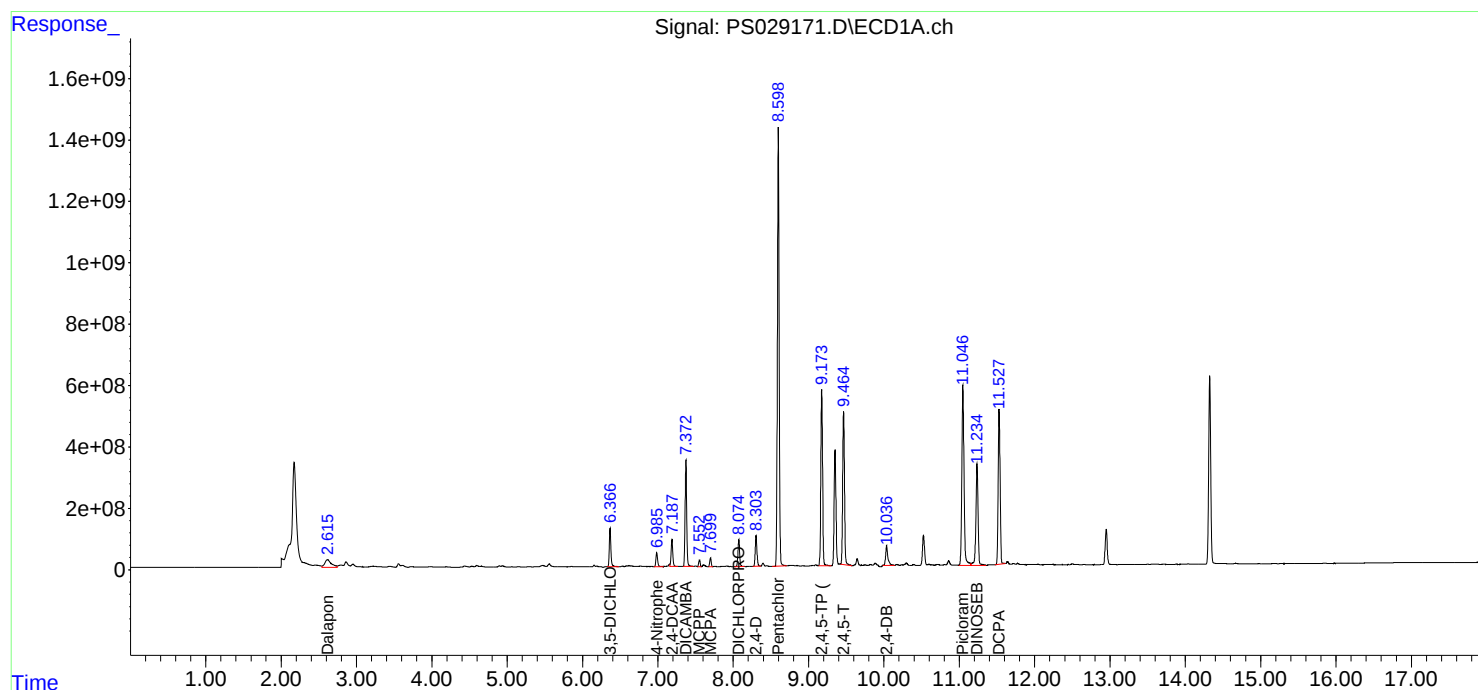
Instrument :  
ECD\_S  
ClientSampleId :  
CARBON-WATERMS

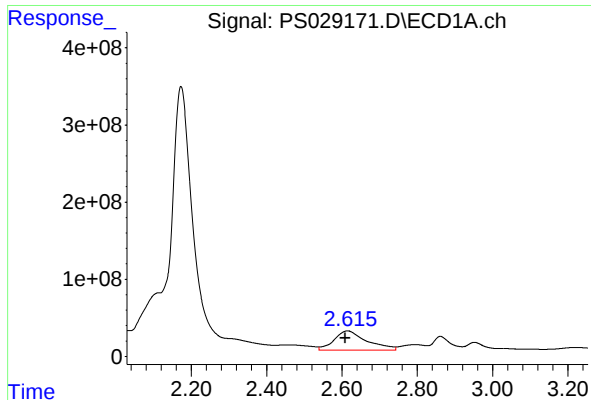
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 01:26:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS021225.M  
Quant Title : 8080.M  
QLast Update : Wed Feb 12 09:17:13 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





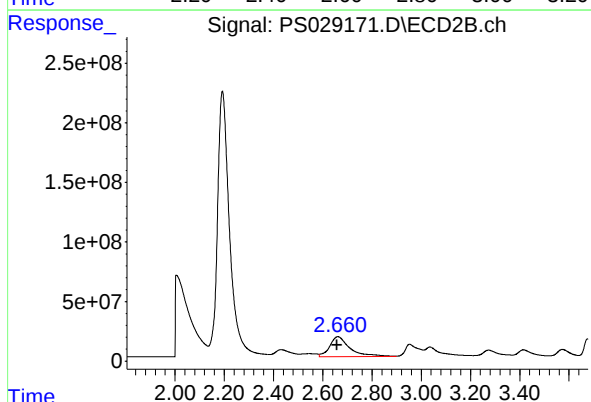
#1 Dalapon

R.T.: 2.615 min  
Delta R.T.: 0.006 min  
Response: 1519155351  
Conc: 480.28 ng/ml

Instrument :  
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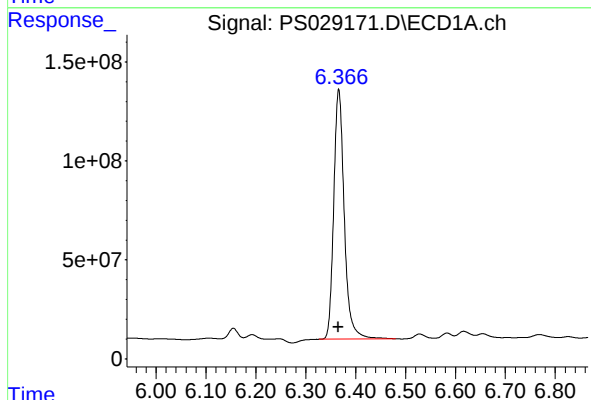
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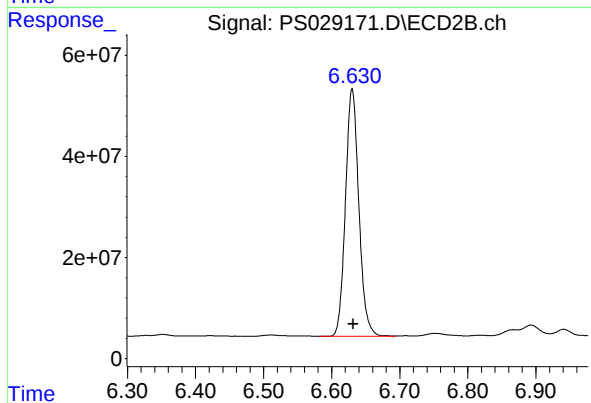
#1 Dalapon

R.T.: 2.661 min  
Delta R.T.: 0.003 min  
Response: 968411072  
Conc: 511.49 ng/ml



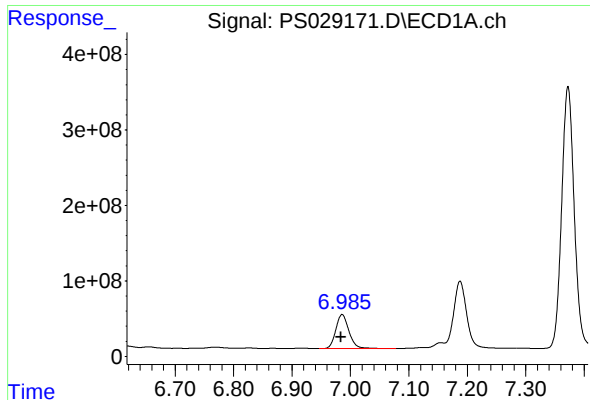
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.366 min  
Delta R.T.: 0.000 min  
Response: 1854559247  
Conc: 468.11 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.630 min  
Delta R.T.: -0.002 min  
Response: 669473885  
Conc: 437.60 ng/ml



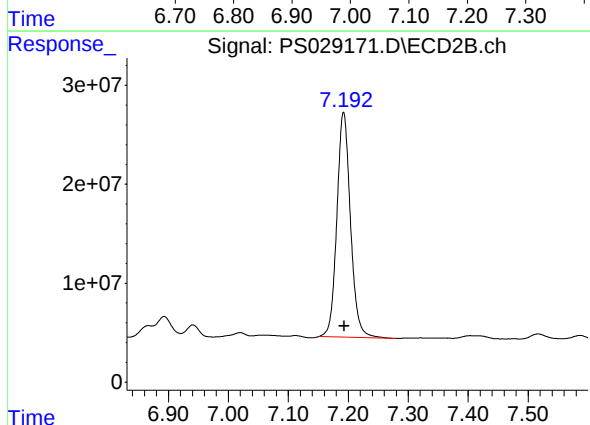
#3 4-Nitrophenol

R.T.: 6.986 min  
Delta R.T.: 0.002 min  
Response: 704285243  
Conc: 413.05 ng/ml

Instrument :  
ECD\_S  
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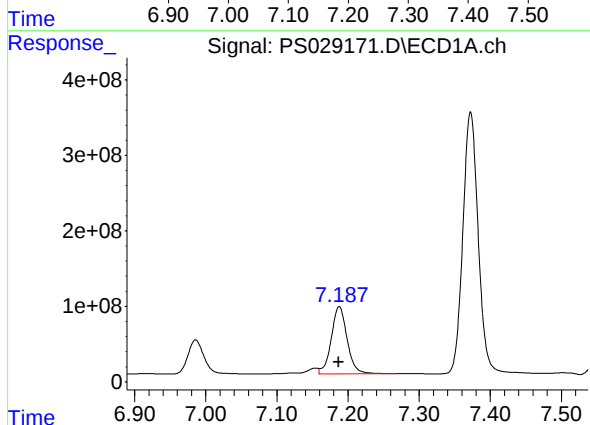
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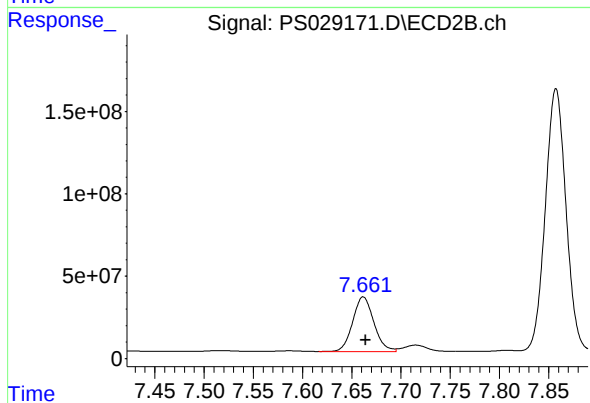
#3 4-Nitrophenol

R.T.: 7.192 min  
Delta R.T.: -0.001 min  
Response: 358742203  
Conc: 413.63 ng/ml



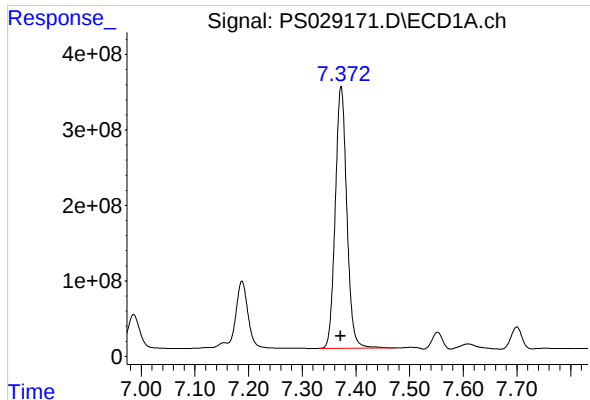
#4 2,4-DCAA

R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 1373327804  
Conc: 496.89 ng/ml m



#4 2,4-DCAA

R.T.: 7.662 min  
Delta R.T.: -0.002 min  
Response: 497356161  
Conc: 469.87 ng/ml



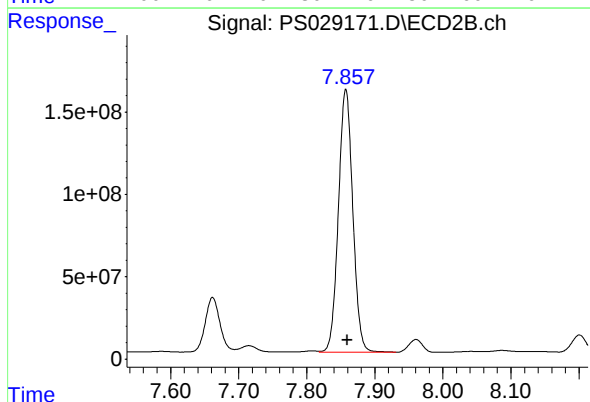
#5 DICAMBA

R.T.: 7.372 min  
Delta R.T.: 0.001 min  
Response: 5195857205  
Conc: 431.48 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
CARBON-WATERMS

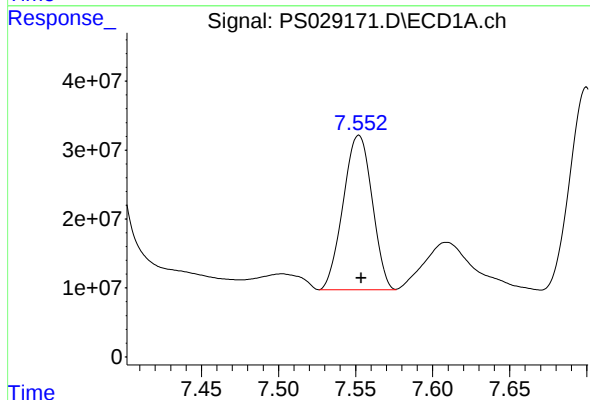
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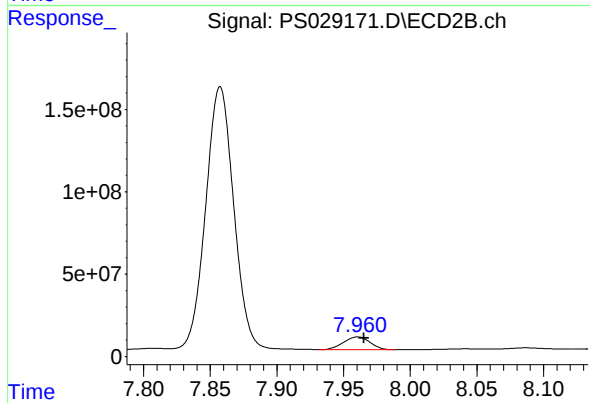
#5 DICAMBA

R.T.: 7.857 min  
Delta R.T.: -0.002 min  
Response: 2344054631  
Conc: 424.14 ng/ml



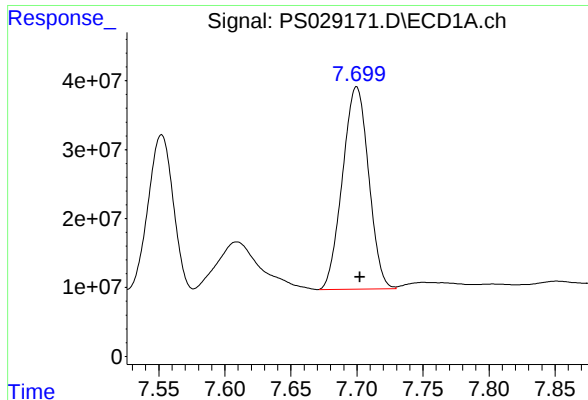
#6 MCPP

R.T.: 7.552 min  
Delta R.T.: -0.002 min  
Response: 291707749  
Conc: 42.10 ug/ml



#6 MCPP

R.T.: 7.961 min  
Delta R.T.: -0.005 min  
Response: 107430275  
Conc: 43.54 ug/ml



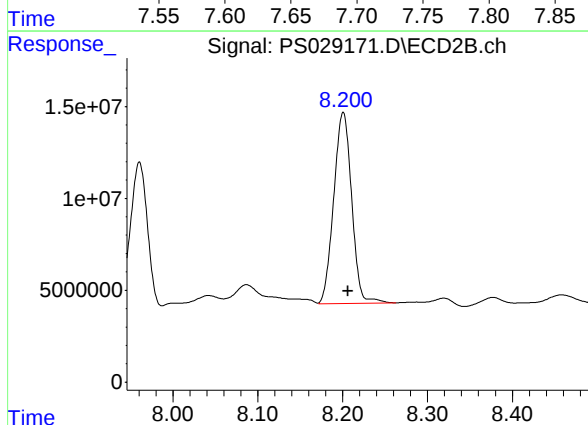
#7 MCPA

R.T.: 7.700 min  
Delta R.T.: -0.003 min  
Response: 405324286  
Conc: 42.34 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
CARBON-WATERMS

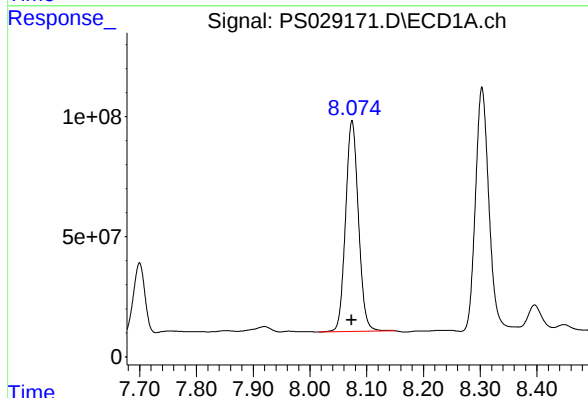
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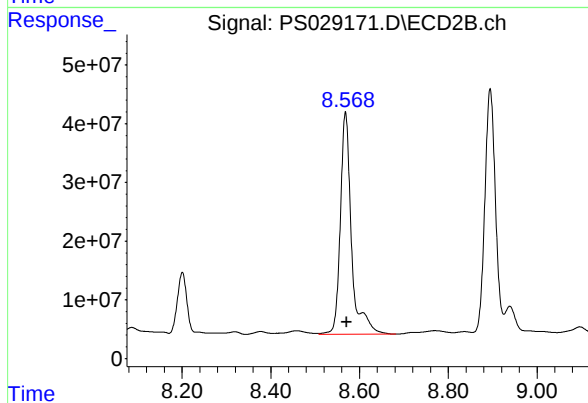
#7 MCPA

R.T.: 8.201 min  
Delta R.T.: -0.005 min  
Response: 152650707  
Conc: 43.63 ug/ml



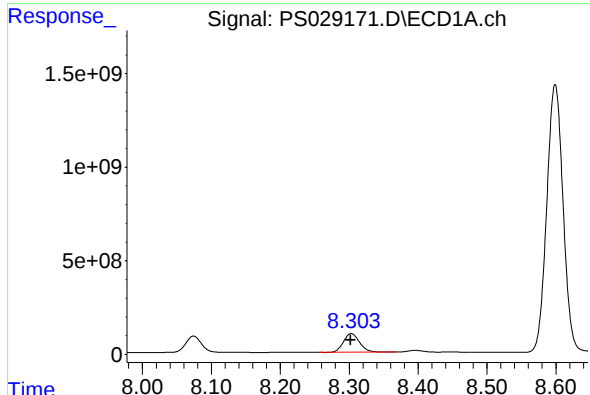
#8 DICHLORPROP

R.T.: 8.074 min  
Delta R.T.: 0.000 min  
Response: 1384788368  
Conc: 438.35 ng/ml



#8 DICHLORPROP

R.T.: 8.568 min  
Delta R.T.: -0.003 min  
Response: 657557131  
Conc: 477.50 ng/ml



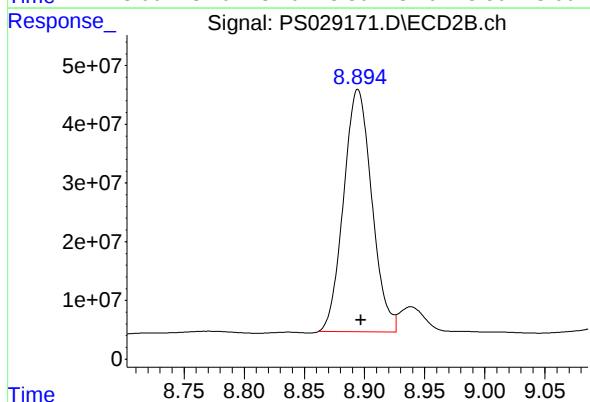
#9 2,4-D

R.T.: 8.303 min  
Delta R.T.: 0.000 min  
Response: 1622648781  
Conc: 482.34 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
CARBON-WATERMS

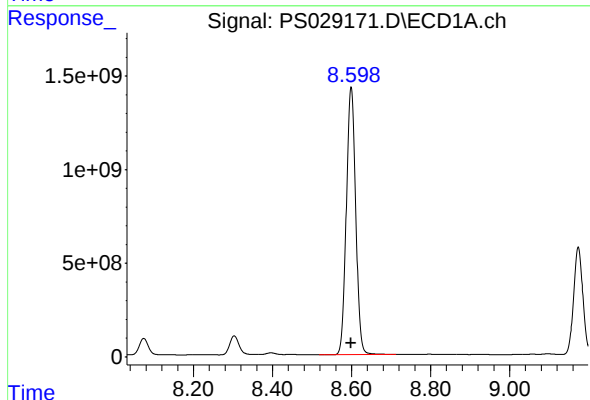
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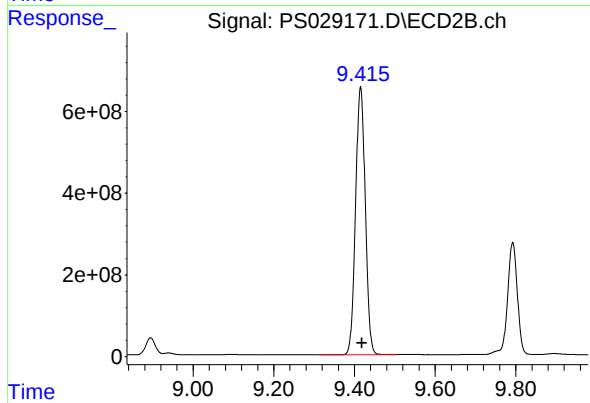
#9 2,4-D

R.T.: 8.895 min  
Delta R.T.: -0.002 min  
Response: 673795012  
Conc: 470.32 ng/ml



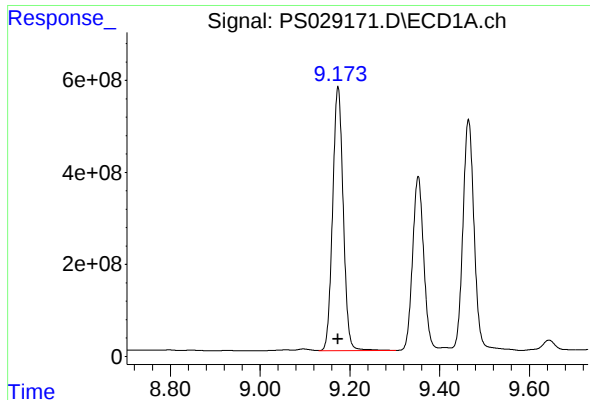
#10 Pentachlorophenol

R.T.: 8.599 min  
Delta R.T.: 0.000 min  
Response: 23531953629  
Conc: 499.05 ng/ml



#10 Pentachlorophenol

R.T.: 9.415 min  
Delta R.T.: -0.004 min  
Response: 11026973221  
Conc: 457.18 ng/ml



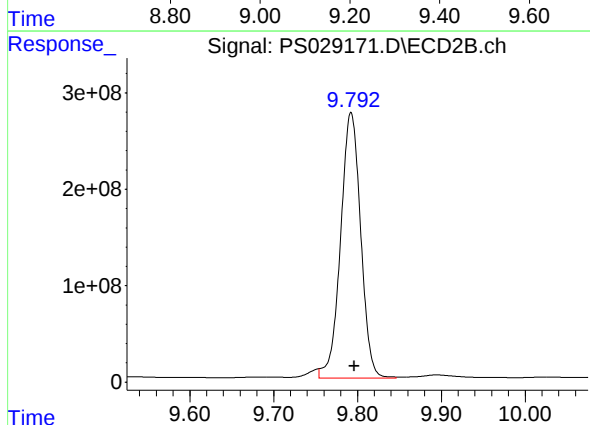
#11 2,4,5-TP (SILVEX)

R.T.: 9.174 min  
Delta R.T.: 0.000 min  
Response: 9337298843  
Conc: 481.54 ng/ml

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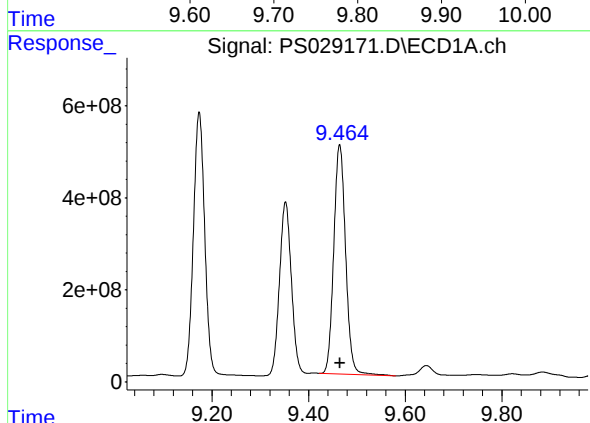
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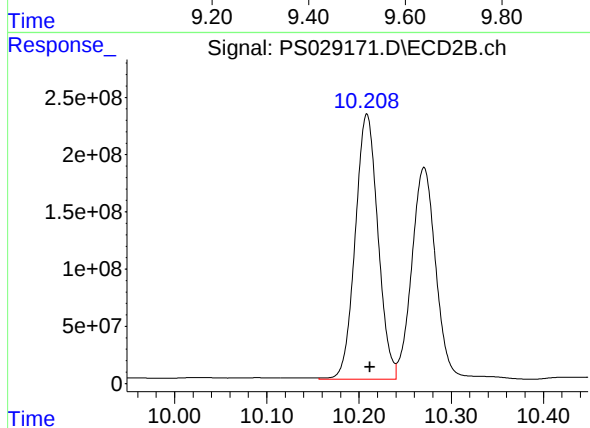
#11 2,4,5-TP (SILVEX)

R.T.: 9.792 min  
Delta R.T.: -0.004 min  
Response: 4578534493  
Conc: 468.72 ng/ml m



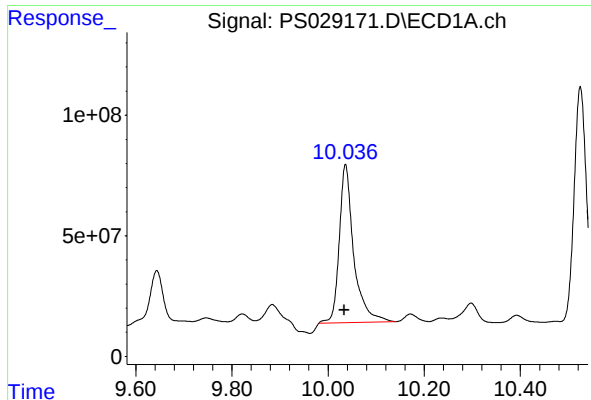
#12 2,4,5-T

R.T.: 9.464 min  
Delta R.T.: 0.000 min  
Response: 8482348832  
Conc: 437.92 ng/ml



#12 2,4,5-T

R.T.: 10.209 min  
Delta R.T.: -0.004 min  
Response: 3956477973  
Conc: 427.16 ng/ml



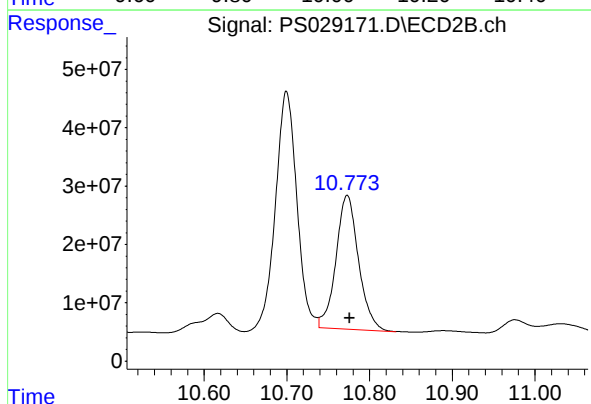
#13 2,4-DB

R.T.: 10.036 min  
Delta R.T.: 0.002 min  
Response: 1371812892  
Conc: 369.13 ng/ml

Instrument :  
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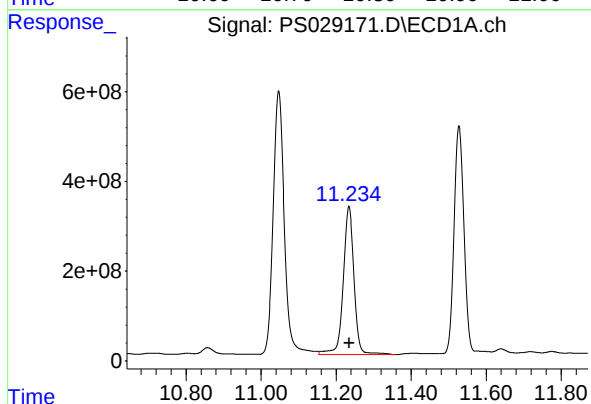
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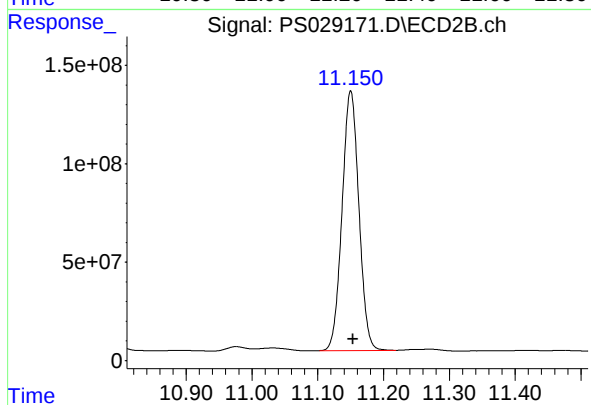
#13 2,4-DB

R.T.: 10.773 min  
Delta R.T.: -0.004 min  
Response: 436231268  
Conc: 459.20 ng/ml m



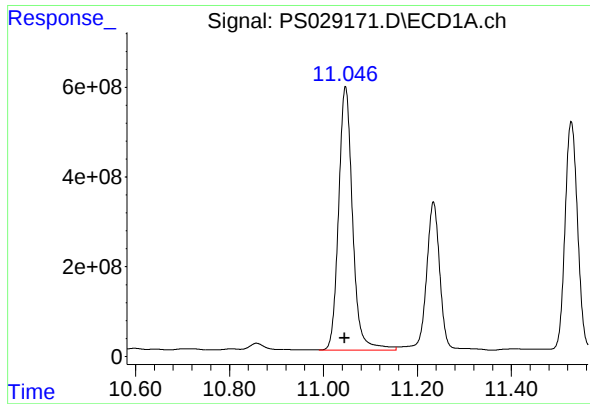
#14 DINOSEB

R.T.: 11.234 min  
Delta R.T.: 0.000 min  
Response: 6627507264  
Conc: 457.05 ng/ml



#14 DINOSEB

R.T.: 11.150 min  
Delta R.T.: -0.004 min  
Response: 2342599601  
Conc: 424.79 ng/ml



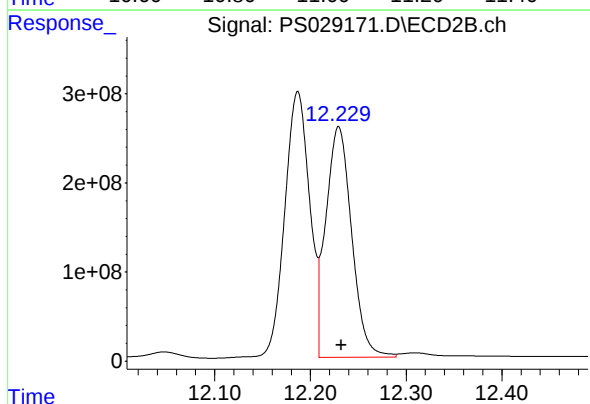
#15 Picloram

R.T.: 11.047 min  
Delta R.T.: 0.001 min  
Response: 12155264016  
Conc: 380.42 ng/ml

Instrument :  
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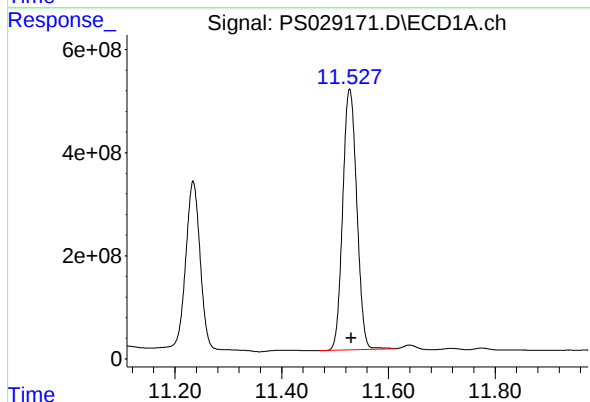
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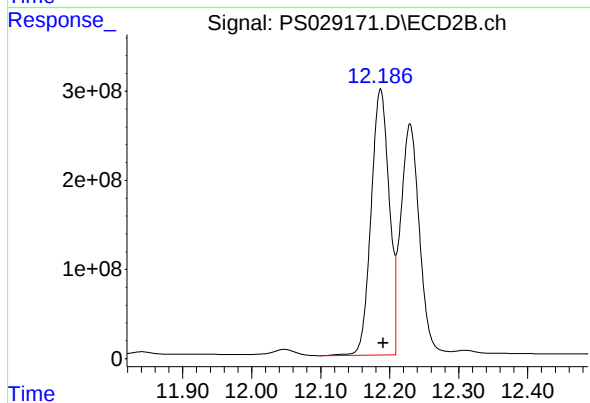
#15 Picloram

R.T.: 12.229 min  
Delta R.T.: -0.003 min  
Response: 4843343909  
Conc: 352.27 ng/ml



#16 DCPA

R.T.: 11.527 min  
Delta R.T.: -0.003 min  
Response: 9255785711  
Conc: 319.21 ng/ml



#16 DCPA

R.T.: 12.187 min  
Delta R.T.: -0.004 min  
Response: 5437757347  
Conc: 440.85 ng/ml