

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS031725\  
 Data File : PS029448.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Mar 2025 18:07  
 Operator : AR\AJ  
 Sample : Q1568-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 JC-03-03132025MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 03/18/2025  
 Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 18 01:44:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS022125.M  
 Quant Title : 8080.M  
 QLast Update : Sat Feb 22 01:02:20 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     | 7.151  | 7.615   | 965.3E6  | 136.9E6  | 234.268m | 145.623 # |
| Target Compounds            |              |        |         |          |          |          |           |
| 1) T                        | Dalapon      | 2.590  | 2.633   | 1280.9E6 | 711.9E6  | 232.028m | 336.273m# |
| 2) T                        | 3,5-DICHL... | 6.338  | 6.593   | 687.0E6  | 144.4E6  | 117.421  | 101.991m  |
| 3) T                        | 4-Nitroph... | 6.956  | 7.149   | 472.9E6  | 191.9E6  | 202.079  | 240.640   |
| 5) T                        | DICAMBA      | 7.334  | 7.808   | 2886.3E6 | 696.8E6  | 166.207m | 135.226m  |
| 6) T                        | MCP          | 7.512  | 7.953   | 72531599 | 7897268  | 5.885    | 3.376 #   |
| 7) T                        | MCPA         | 7.659  | 8.148   | 219.8E6  | 32209651 | 12.972m  | 10.098    |
| 8) T                        | DICHLORPROP  | 8.036  | 8.516   | 508.4E6  | 117.6E6  | 110.597  | 91.997m   |
| 9) T                        | 2,4-D        | 8.268  | 8.842   | 1006.9E6 | 202.6E6  | 211.961  | 159.521m  |
| 10) T                       | Pentachlo... | 8.556  | 9.357   | 4892.7E6 | 1401.4E6 | 83.842   | 60.899 #  |
| 11) T                       | 2,4,5-TP ... | 9.131  | 9.734   | 1753.2E6 | 552.7E6  | 71.307   | 61.163m   |
| 12) T                       | 2,4,5-T      | 9.424  | 10.150  | 2563.9E6 | 701.5E6  | 100.591  | 85.439    |
| 13) T                       | 2,4-DB       | 9.995  | 10.711  | 208.8E6  | 79688258 | 50.003m  | 104.087m# |
| 14) T                       | DINOSEB      | 11.182 | 11.085  | 253.4E6  | 122.8E6  | 15.237m  | 20.252m#  |
| 15) T                       | Picloram     | 11.002 | 12.160f | 6450.8E6 | 2029.3E6 | 211.201  | 175.508   |
| 16) T                       | DCPA         | 11.477 | 12.118f | 8893.2E6 | 3619.2E6 | 296.406  | 305.767m  |
| -----                       |              |        |         |          |          |          |           |

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

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Acq On : 17 Mar 2025 18:07  
Operator : AR\AJ  
Sample : Q1568-01MSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

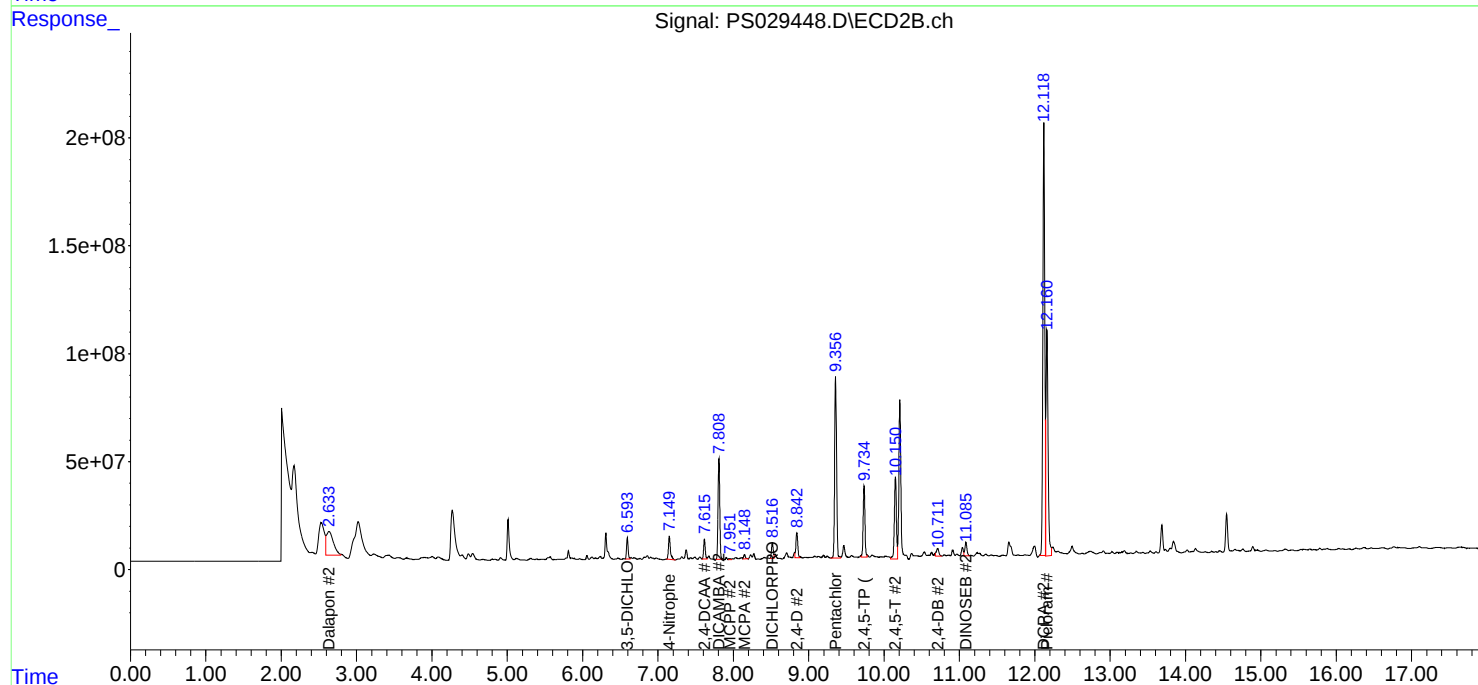
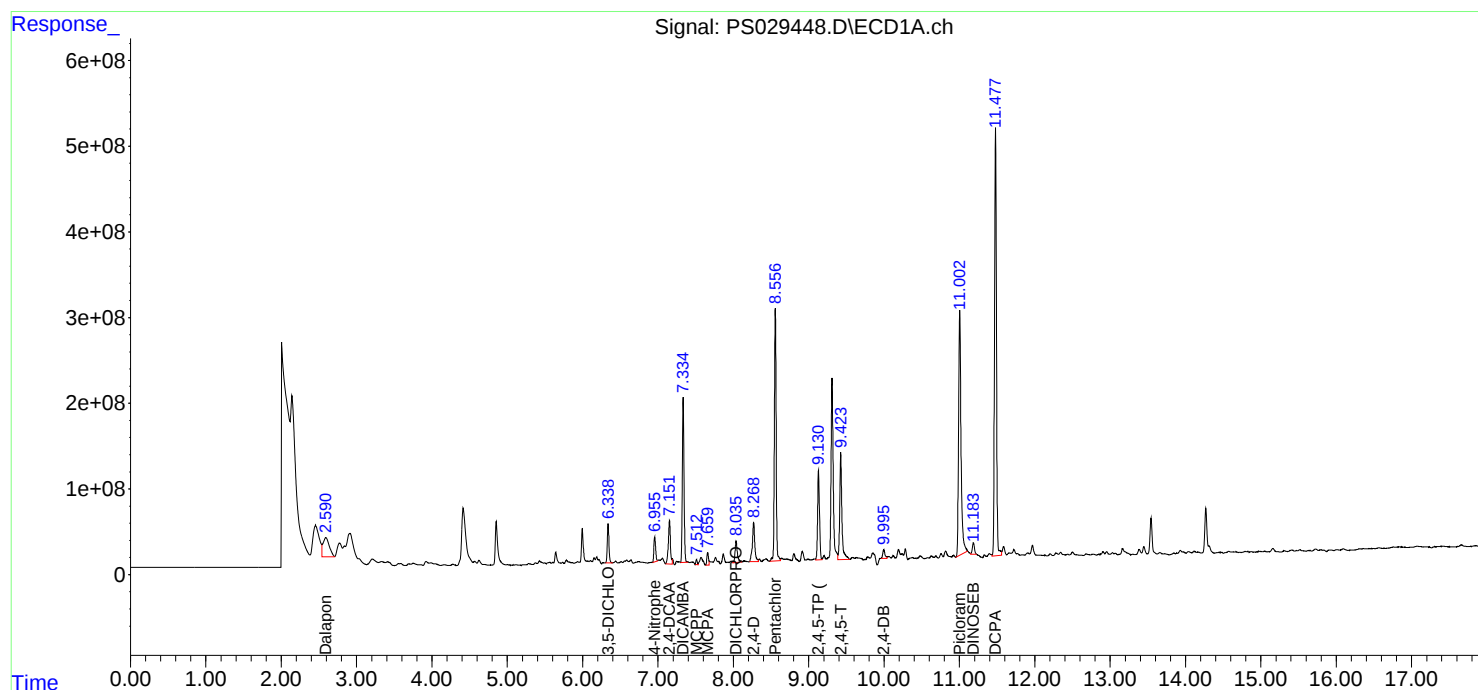
Instrument :  
ECD\_S  
ClientSampleId :  
JC-03-03132025MSD

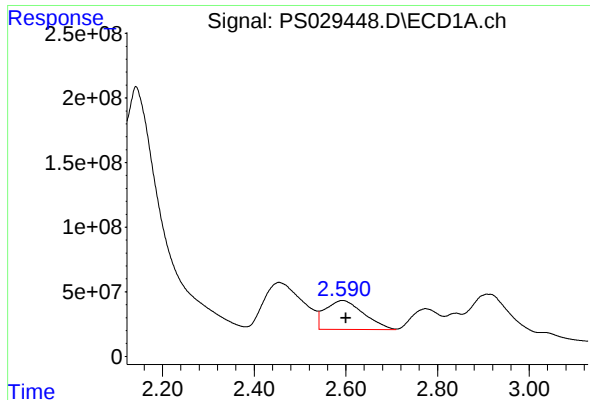
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 18 01:44:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS022125.M  
Quant Title : 8080.M  
QLast Update : Sat Feb 22 01:02:20 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.: 2.590 min  
Delta R.T.: -0.010 min  
Response: 1280858421  
Conc: 232.03 ng/ml

Instrument :

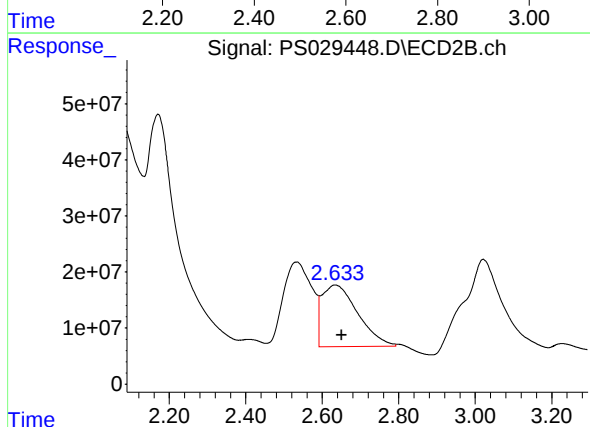
ECD\_S

ClientSampleId :

JC-03-03132025MSD

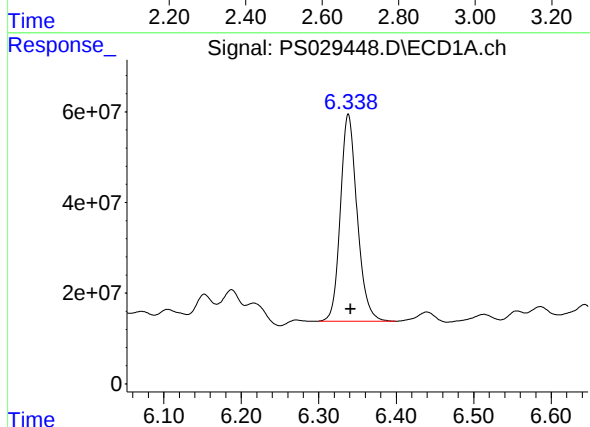
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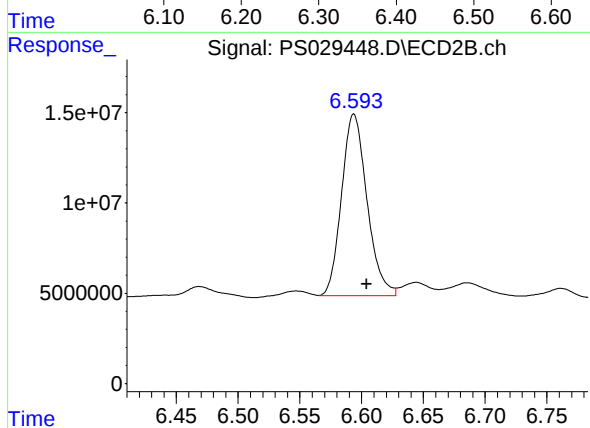
#1 Dalapon

R.T.: 2.633 min  
Delta R.T.: -0.018 min  
Response: 711931303  
Conc: 336.27 ng/ml



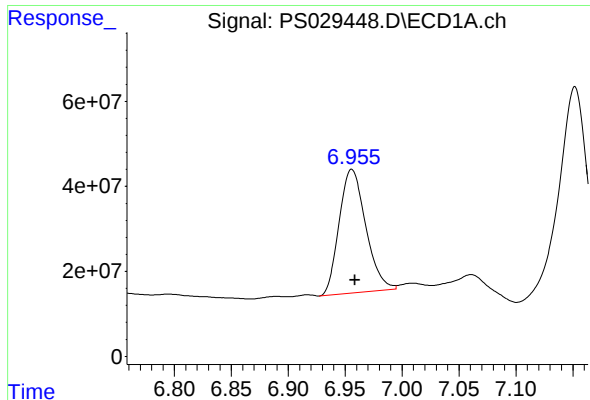
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.338 min  
Delta R.T.: -0.003 min  
Response: 687045133  
Conc: 117.42 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.593 min  
Delta R.T.: -0.011 min  
Response: 144430389  
Conc: 101.99 ng/ml



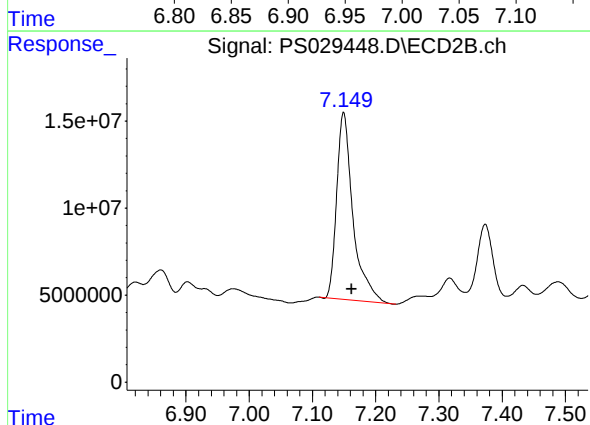
#3 4-Nitrophenol

R.T.: 6.956 min  
Delta R.T.: -0.003 min  
Response: 472902209  
Conc: 202.08 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
JC-03-03132025MSD

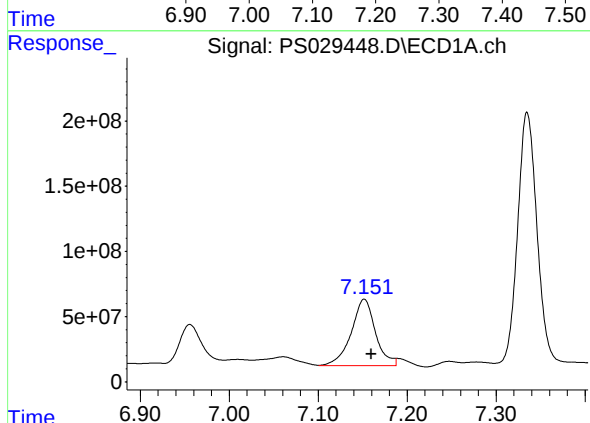
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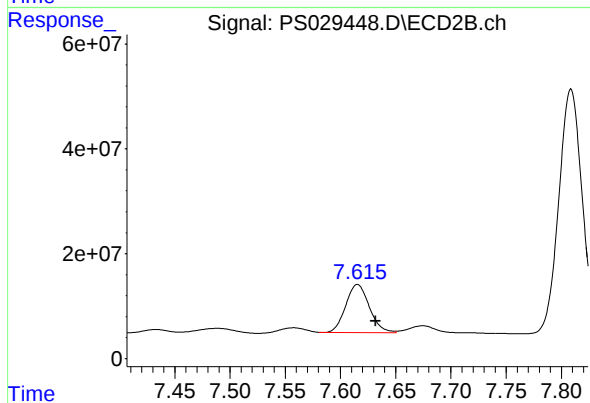
#3 4-Nitrophenol

R.T.: 7.149 min  
Delta R.T.: -0.013 min  
Response: 191922035  
Conc: 240.64 ng/ml



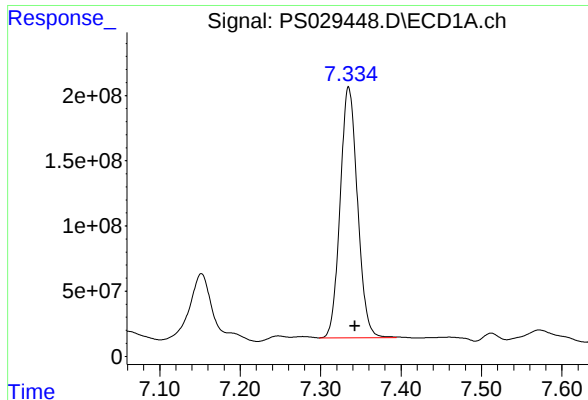
#4 2,4-DCAA

R.T.: 7.151 min  
Delta R.T.: -0.008 min  
Response: 965320738  
Conc: 234.27 ng/ml m



#4 2,4-DCAA

R.T.: 7.615 min  
Delta R.T.: -0.016 min  
Response: 136934130  
Conc: 145.62 ng/ml



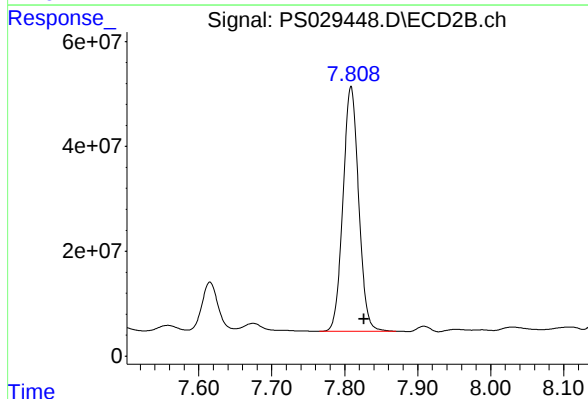
#5 DICAMBA

R.T.: 7.334 min  
Delta R.T.: -0.008 min  
Response: 2886340145  
Conc: 166.21 ng/ml

Instrument :  
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ClientSampleId :  
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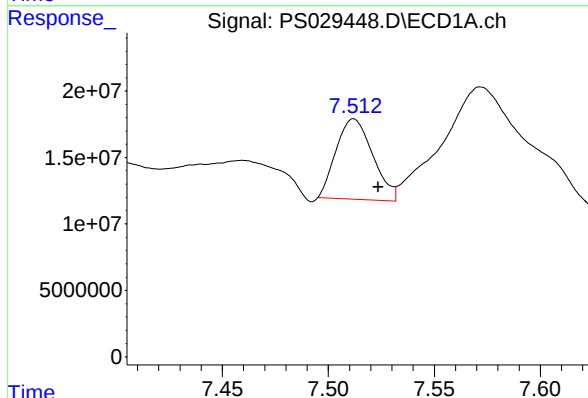
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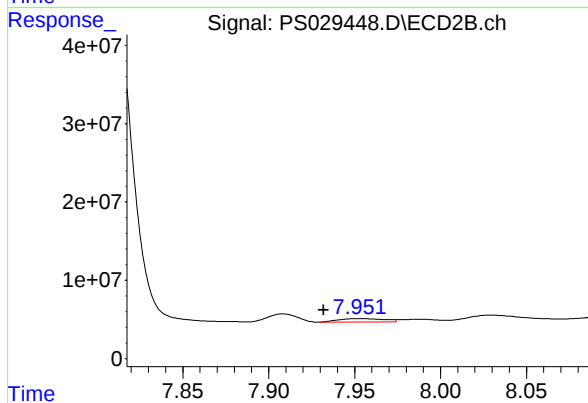
#5 DICAMBA

R.T.: 7.808 min  
Delta R.T.: -0.018 min  
Response: 696817203  
Conc: 135.23 ng/ml



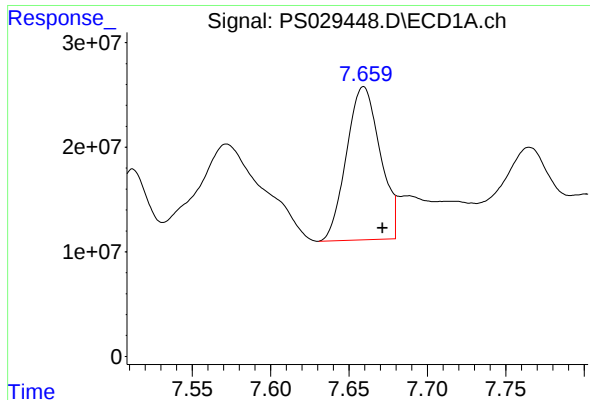
#6 MCPP

R.T.: 7.512 min  
Delta R.T.: -0.011 min  
Response: 72531599  
Conc: 5.88 ug/ml



#6 MCPP

R.T.: 7.953 min  
Delta R.T.: 0.021 min  
Response: 7897268  
Conc: 3.38 ug/ml



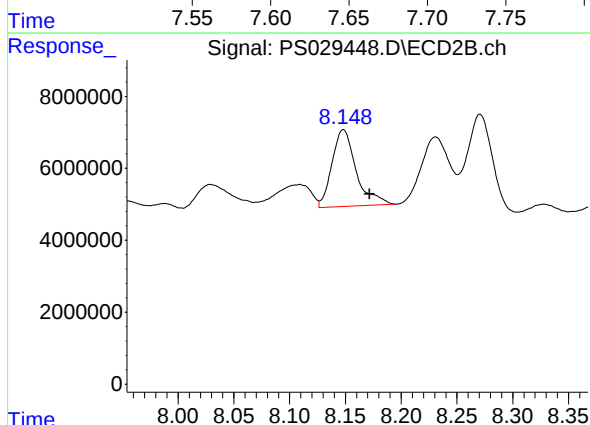
#7 MCPA

R.T.: 7.659 min  
Delta R.T.: -0.012 min  
Response: 219818352  
Conc: 12.97 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
JC-03-03132025MSD

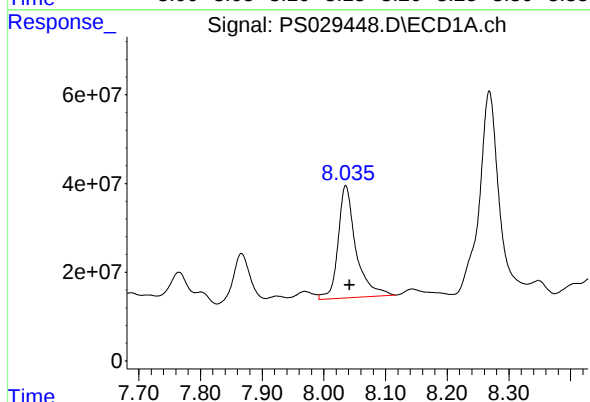
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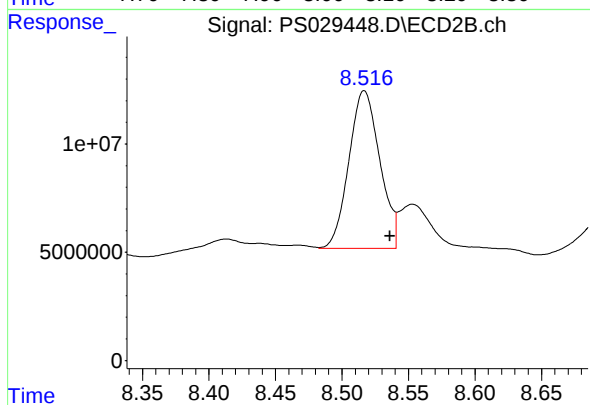
#7 MCPA

R.T.: 8.148 min  
Delta R.T.: -0.024 min  
Response: 32209651  
Conc: 10.10 ug/ml



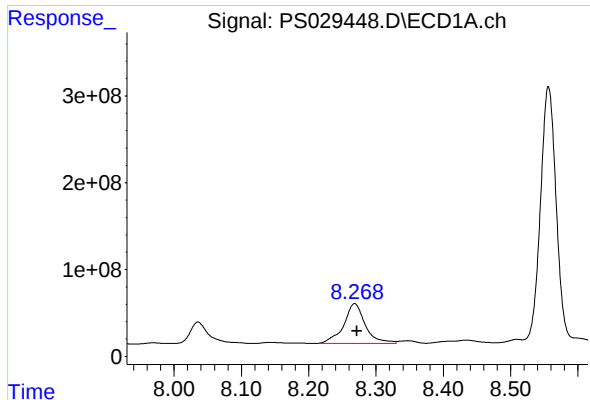
#8 DICHLORPROP

R.T.: 8.036 min  
Delta R.T.: -0.006 min  
Response: 508355591  
Conc: 110.60 ng/ml



#8 DICHLORPROP

R.T.: 8.516 min  
Delta R.T.: -0.020 min  
Response: 117642002  
Conc: 92.00 ng/ml m



#9 2,4-D

R.T.: 8.268 min  
Delta R.T.: -0.003 min  
Response: 1006905203  
Conc: 211.96 ng/ml

Instrument :

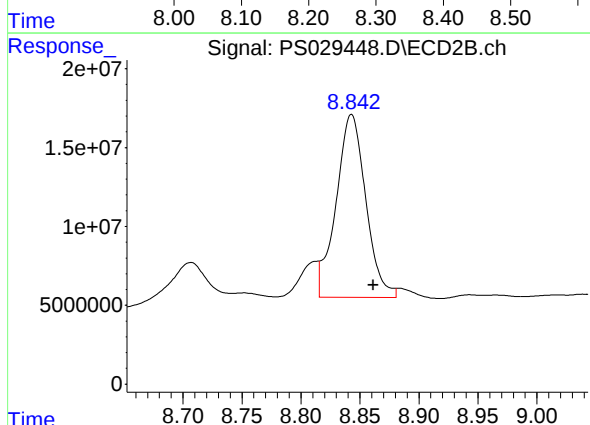
ECD\_S

ClientSampleId :

JC-03-03132025MSD

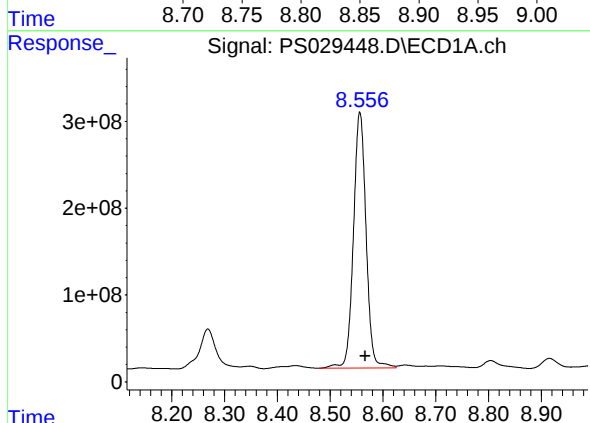
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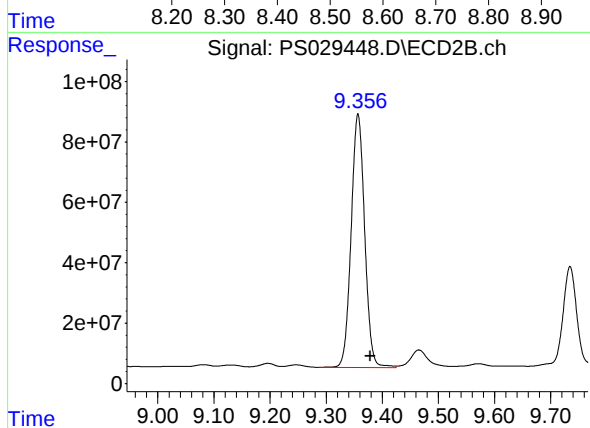
#9 2,4-D

R.T.: 8.842 min  
Delta R.T.: -0.019 min  
Response: 202574798  
Conc: 159.52 ng/ml



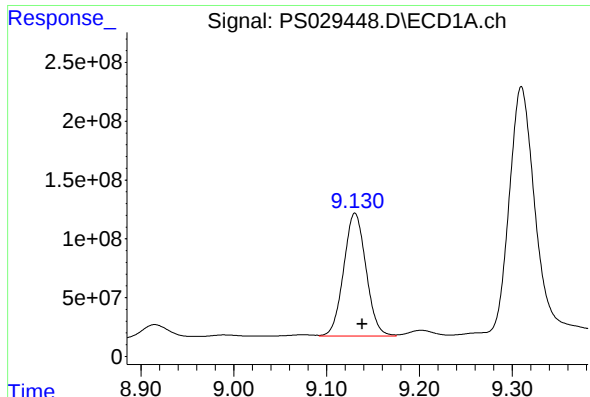
#10 Pentachlorophenol

R.T.: 8.556 min  
Delta R.T.: -0.011 min  
Response: 4892683108  
Conc: 83.84 ng/ml



#10 Pentachlorophenol

R.T.: 9.357 min  
Delta R.T.: -0.022 min  
Response: 1401439731  
Conc: 60.90 ng/ml



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

R.T.: 9.131 min  
Delta R.T.: -0.008 min  
Response: 1753226982  
Conc: 71.31 ng/ml

Instrument :

ECD\_S

ClientSampleId :

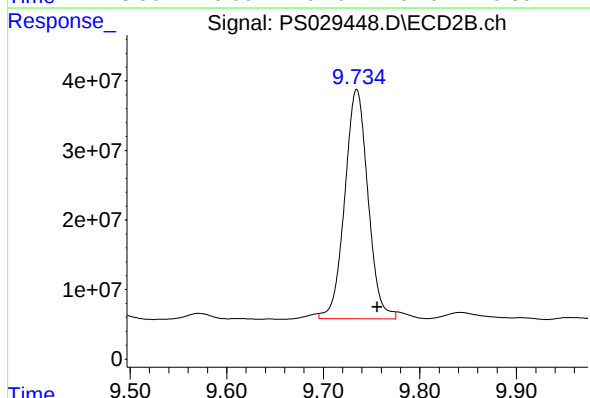
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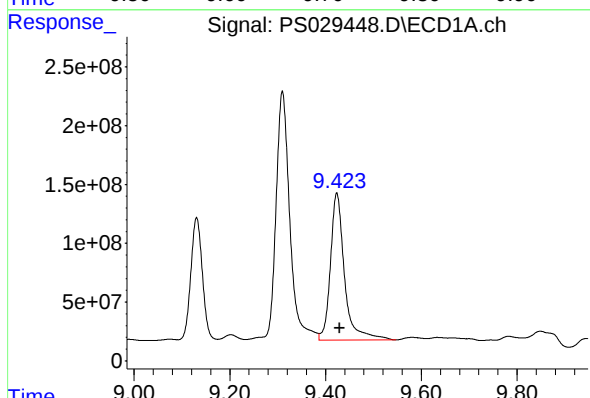
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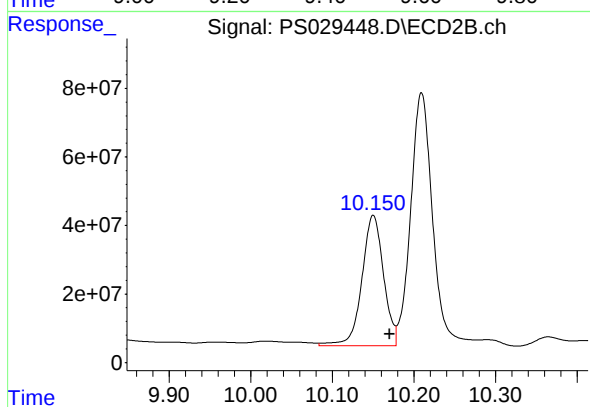
#11 2,4,5-TP (SILVEX)

R.T.: 9.734 min  
Delta R.T.: -0.022 min  
Response: 552714847  
Conc: 61.16 ng/ml



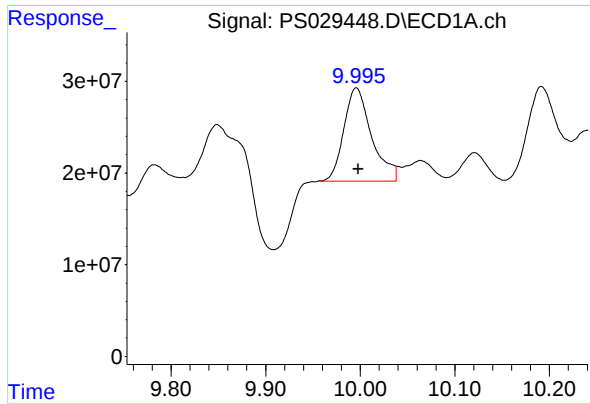
#12 2,4,5-T

R.T.: 9.424 min  
Delta R.T.: -0.006 min  
Response: 2563925665  
Conc: 100.59 ng/ml



#12 2,4,5-T

R.T.: 10.150 min  
Delta R.T.: -0.020 min  
Response: 701480929  
Conc: 85.44 ng/ml



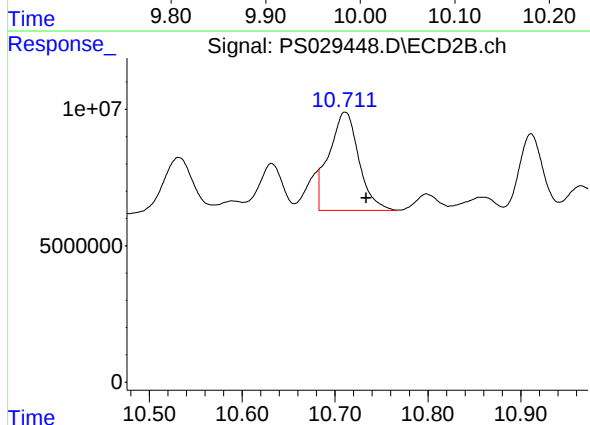
#13 2,4-DB

R.T.: 9.995 min  
Delta R.T.: -0.003 min  
Response: 208782417  
Conc: 50.00 ng/ml

Instrument :  
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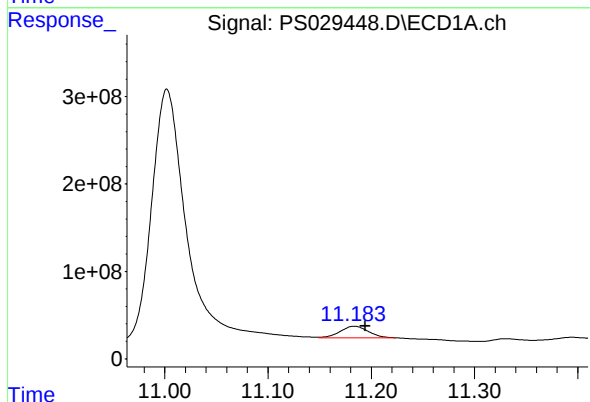
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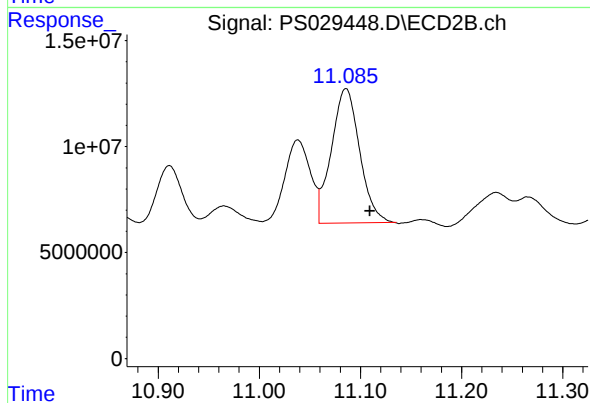
#13 2,4-DB

R.T.: 10.711 min  
Delta R.T.: -0.023 min  
Response: 79688258  
Conc: 104.09 ng/ml



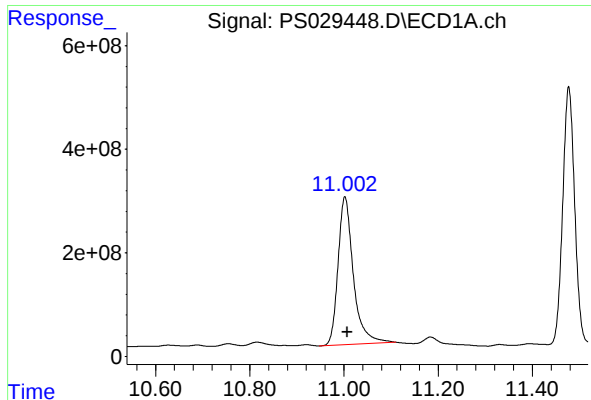
#14 DINOSEB

R.T.: 11.182 min  
Delta R.T.: -0.012 min  
Response: 253408753  
Conc: 15.24 ng/ml



#14 DINOSEB

R.T.: 11.085 min  
Delta R.T.: -0.024 min  
Response: 122756789  
Conc: 20.25 ng/ml



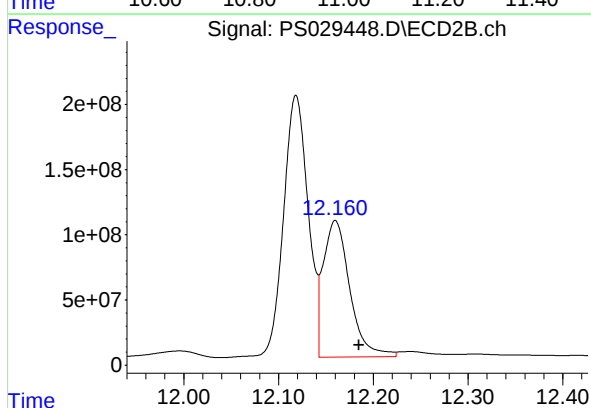
#15 Picloram

R.T.: 11.002 min  
Delta R.T.: -0.005 min  
Response: 6450812108  
Conc: 211.20 ng/ml

Instrument :  
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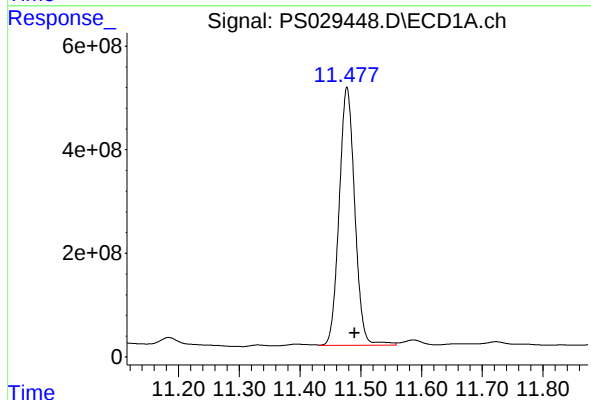
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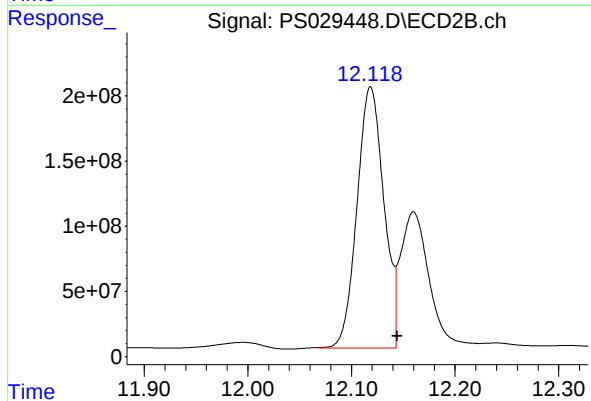
#15 Picloram

R.T.: 12.160 min  
Delta R.T.: -0.025 min  
Response: 2029298493  
Conc: 175.51 ng/ml



#16 DCPA

R.T.: 11.477 min  
Delta R.T.: -0.013 min  
Response: 8893218240  
Conc: 296.41 ng/ml



#16 DCPA

R.T.: 12.118 min  
Delta R.T.: -0.026 min  
Response: 3619230777  
Conc: 305.77 ng/ml m