

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS040325\  
 Data File : PS029691.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Apr 2025 21:12  
 Operator : AR\AJ  
 Sample : Q1681-01MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP-12MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/04/2025  
 Supervised By : mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 04 03:02:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS040225.M  
 Quant Title : 8080.M  
 QLast Update : Wed Apr 02 23:52:55 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     | 6.957  | 7.473  | 1537.5E6 | 418.3E6  | 754.105  | 613.721   |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.461  | 2.533  | 1586.6E6 | 820.7E6  | 467.700  | 516.955   |
| 2) T                        | 3,5-DICHL... | 6.161  | 6.468  | 1113.8E6 | 317.0E6  | 370.325  | 328.287   |
| 3) T                        | 4-Nitroph... | 6.749  | 7.007  | 646.5E6  | 344.6E6  | 460.205  | 486.016m  |
| 5) T                        | DICAMBA      | 7.135  | 7.660  | 3328.1E6 | 1461.2E6 | 399.917m | 395.621   |
| 6) T                        | MCPD         | 7.312  | 7.764  | 112.8E6  | 31793648 | 20.819   | 18.830    |
| 7) T                        | MCPA         | 7.456  | 7.994  | 271.6E6  | 79353008 | 37.360   | 34.876    |
| 8) T                        | DICHLORPROP  | 7.817  | 8.354  | 644.9E6  | 304.9E6  | 293.227  | 315.587   |
| 9) T                        | 2,4-D        | 8.036  | 8.668  | 1166.7E6 | 463.6E6  | 484.179  | 429.896   |
| 10) T                       | Pentachlo... | 8.316  | 9.169  | 3898.2E6 | 2305.7E6 | 128.210  | 128.609   |
| 11) T                       | 2,4,5-TP ... | 8.883  | 9.548  | 2401.1E6 | 1594.4E6 | 206.716  | 221.042   |
| 12) T                       | 2,4,5-T      | 9.164  | 9.952  | 3434.4E6 | 2019.0E6 | 298.532  | 301.211   |
| 13) T                       | 2,4-DB       | 9.725  | 10.508 | 396.8E6  | 124.0E6  | 218.419m | 167.092m  |
| 14) T                       | DINOSEB      | 10.889 | 10.879 | 174.2E6  | 134.3E6  | 20.629m  | 26.275m#  |
| 15) T                       | Picloram     | 10.707 | 11.916 | 6102.5E6 | 4070.7E6 | 393.699  | 344.266m  |
| 16) T                       | DCPA         | 11.189 | 11.906 | 6698.0E6 | 5545.8E6 | 479.592  | 626.593m# |
| -----                       |              |        |        |          |          |          |           |

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

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Acq On : 03 Apr 2025 21:12  
Operator : AR\AJ  
Sample : Q1681-01MSD  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

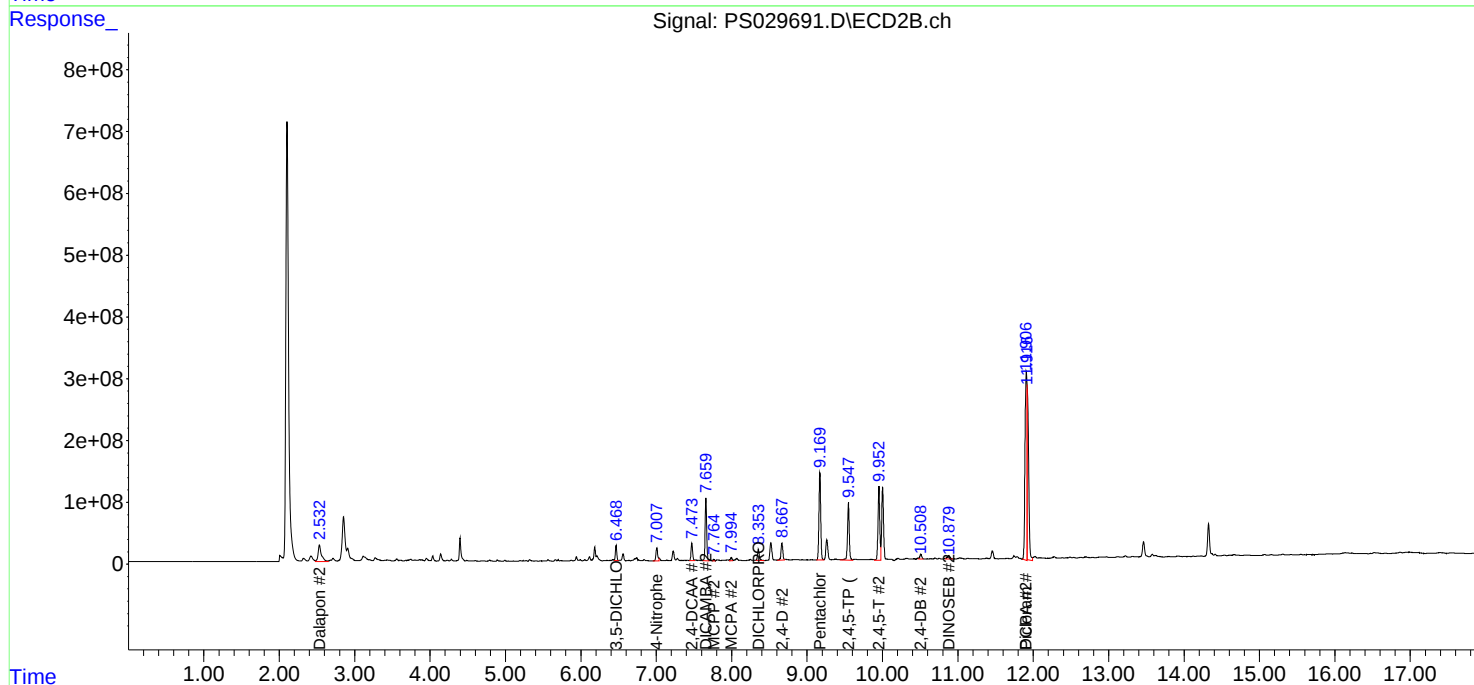
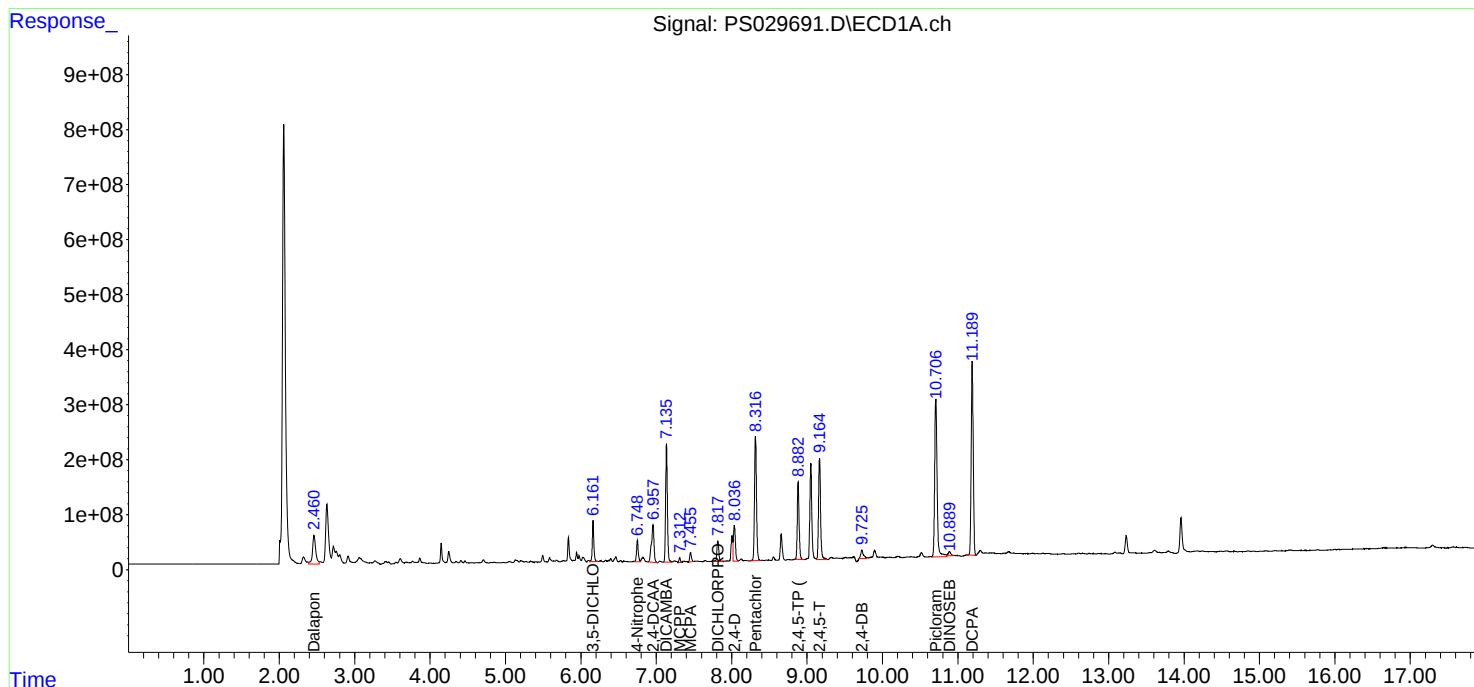
Instrument :  
ECD\_S  
ClientSampleId :  
TP-12MSD

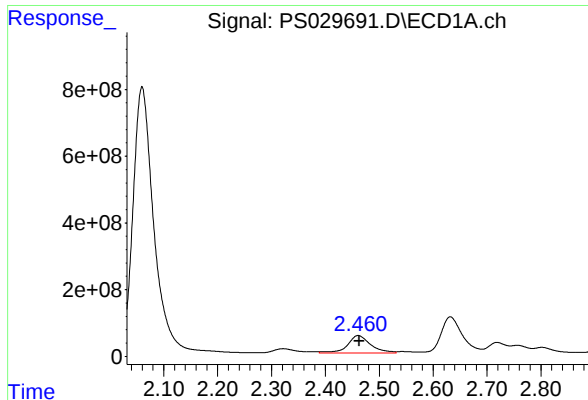
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS040225.M  
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Volume 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.: 2.461 min  
Delta R.T.: -0.002 min  
Response: 1586622096  
Conc: 467.70 ng/ml

Instrument :

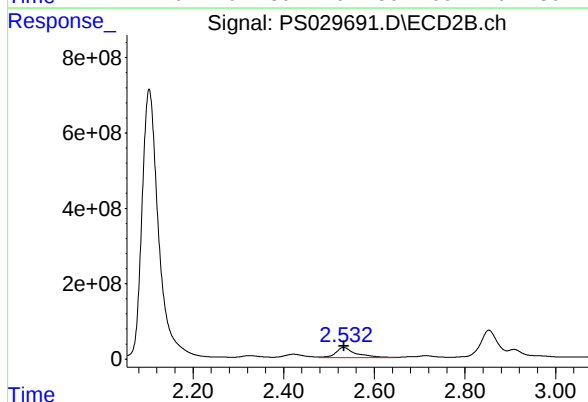
ECD\_S

ClientSampleId :

TP-12MSD

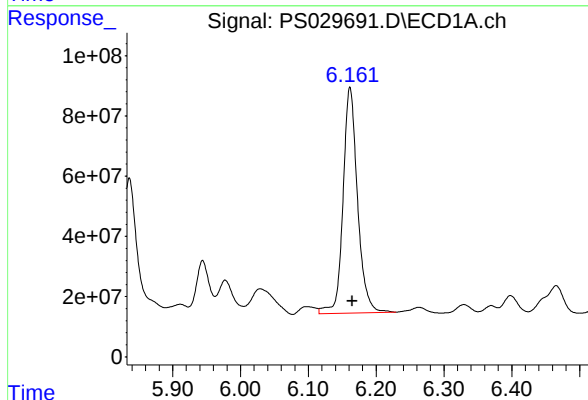
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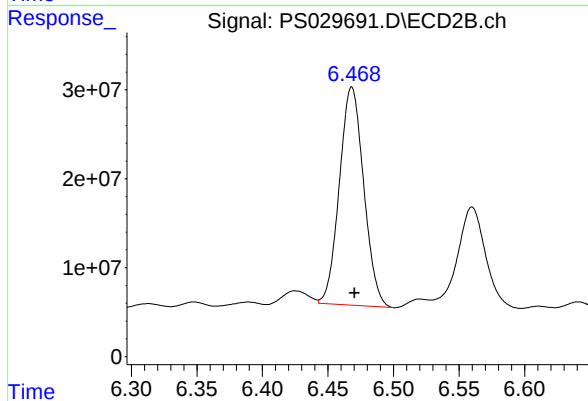
#1 Dalapon

R.T.: 2.533 min  
Delta R.T.: 0.000 min  
Response: 820715317  
Conc: 516.95 ng/ml



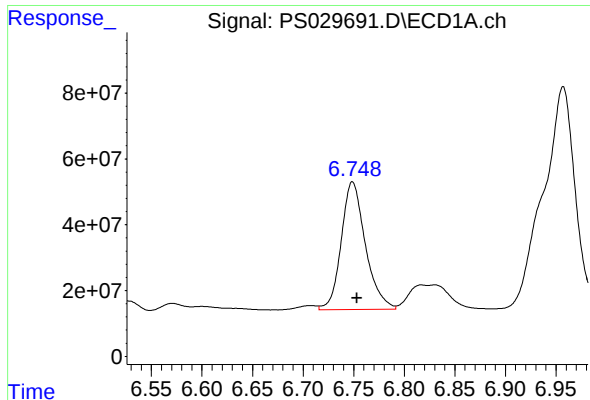
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.161 min  
Delta R.T.: -0.003 min  
Response: 1113848919  
Conc: 370.33 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.468 min  
Delta R.T.: -0.002 min  
Response: 316979678  
Conc: 328.29 ng/ml



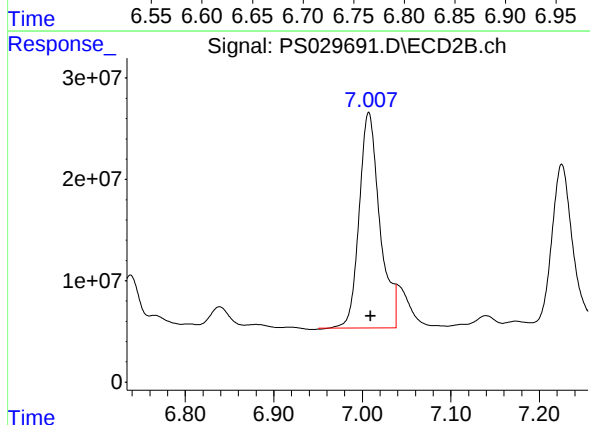
#3 4-Nitrophenol

R.T.: 6.749 min  
Delta R.T.: -0.004 min  
Response: 646495088  
Conc: 460.20 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-12MSD

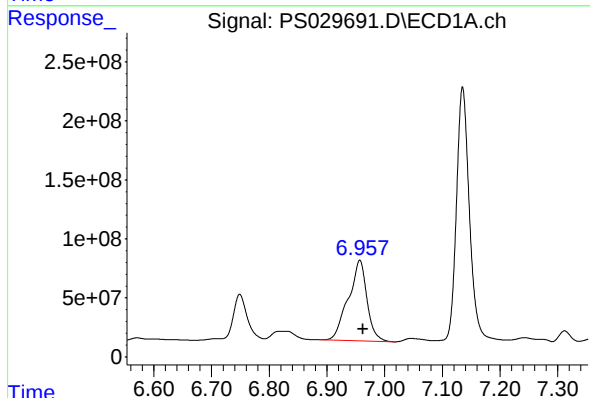
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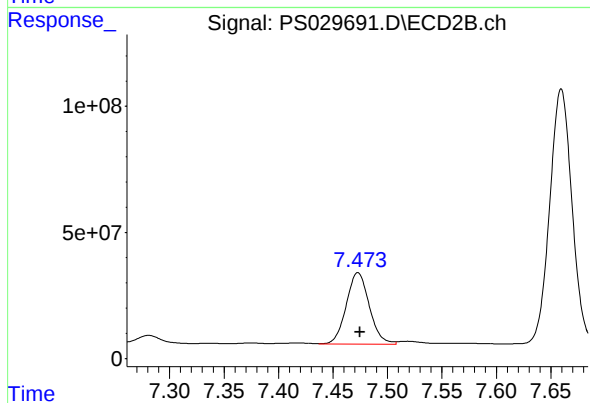
#3 4-Nitrophenol

R.T.: 7.007 min  
Delta R.T.: -0.002 min  
Response: 344584797  
Conc: 486.02 ng/ml



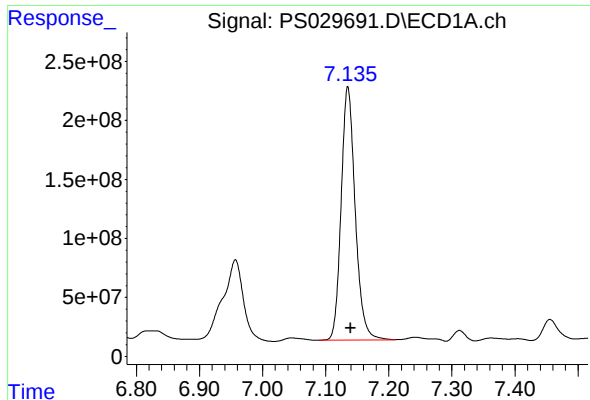
#4 2,4-DCAA

R.T.: 6.957 min  
Delta R.T.: -0.006 min  
Response: 1537492738  
Conc: 754.11 ng/ml



#4 2,4-DCAA

R.T.: 7.473 min  
Delta R.T.: -0.002 min  
Response: 418258699  
Conc: 613.72 ng/ml



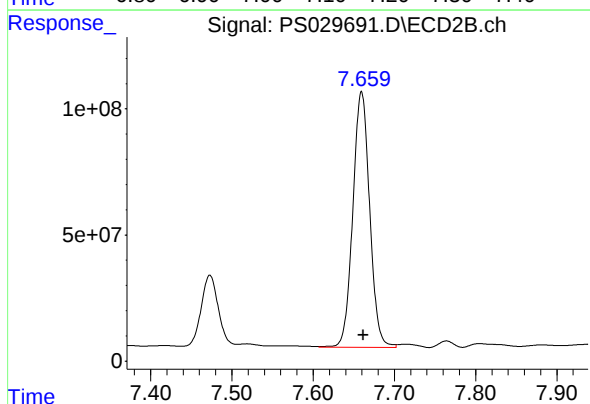
#5 DICAMBA

R.T.: 7.135 min  
Delta R.T.: -0.005 min  
Response: 3328089078  
Conc: 399.92 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-12MSD

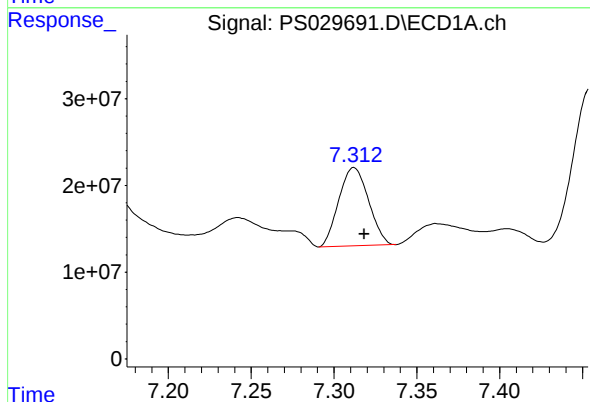
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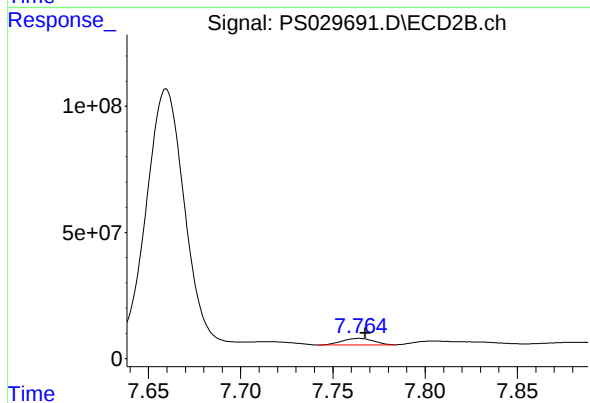
#5 DICAMBA

R.T.: 7.660 min  
Delta R.T.: -0.002 min  
Response: 1461174122  
Conc: 395.62 ng/ml



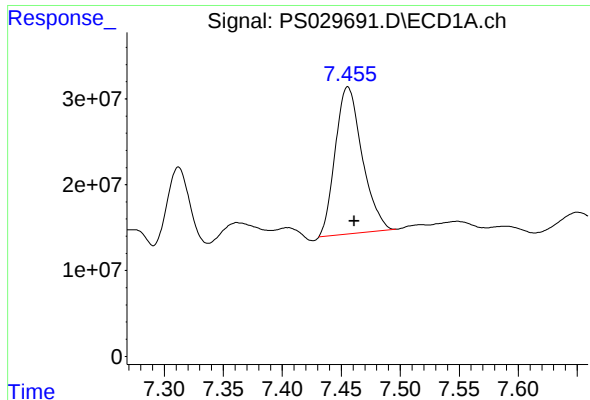
#6 MCPP

R.T.: 7.312 min  
Delta R.T.: -0.006 min  
Response: 112835467  
Conc: 20.82 ug/ml



#6 MCPP

R.T.: 7.764 min  
Delta R.T.: -0.003 min  
Response: 31793648  
Conc: 18.83 ug/ml



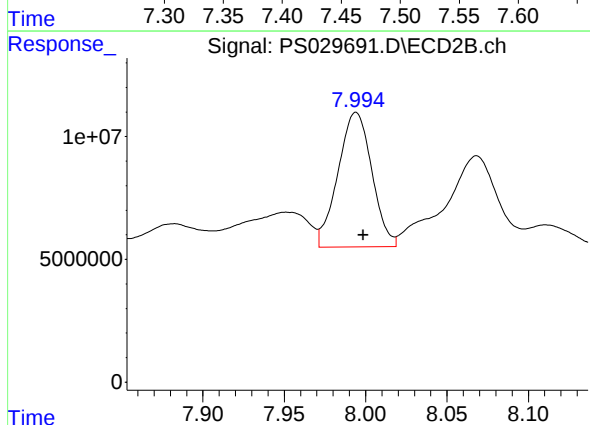
#7 MCPA

R.T.: 7.456 min  
Delta R.T.: -0.006 min  
Response: 271572998  
Conc: 37.36 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-12MSD

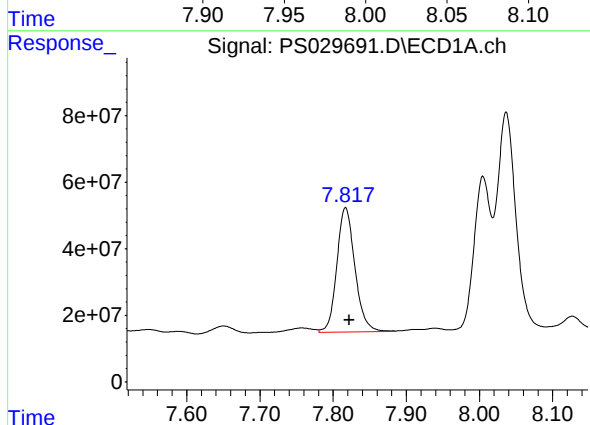
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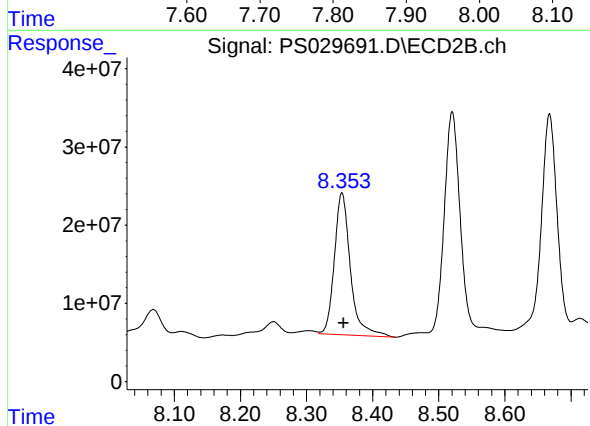
#7 MCPA

R.T.: 7.994 min  
Delta R.T.: -0.005 min  
Response: 79353008  
Conc: 34.88 ug/ml



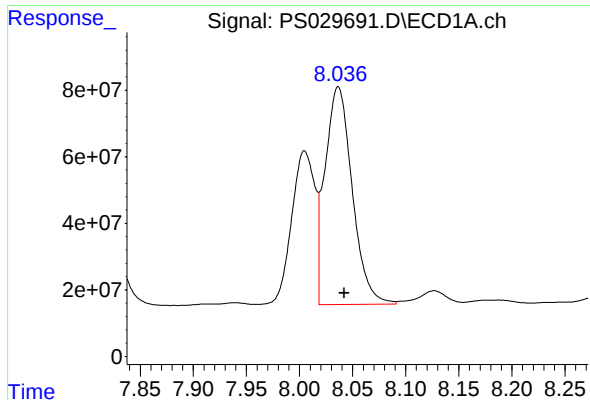
#8 DICHLORPROP

R.T.: 7.817 min  
Delta R.T.: -0.005 min  
Response: 644934571  
Conc: 293.23 ng/ml



#8 DICHLORPROP

R.T.: 8.354 min  
Delta R.T.: -0.003 min  
Response: 304905185  
Conc: 315.59 ng/ml



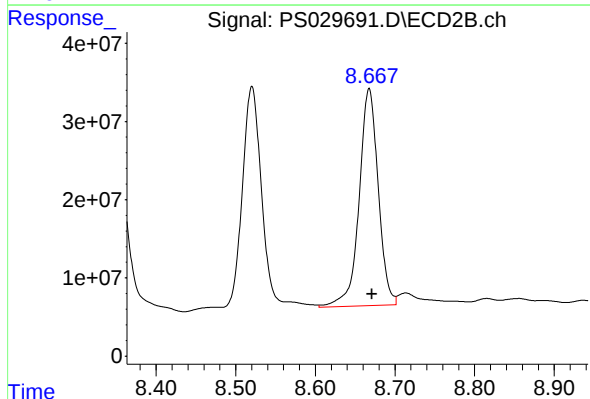
#9 2,4-D

R.T.: 8.036 min  
Delta R.T.: -0.006 min  
Response: 1166672835  
Conc: 484.18 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-12MSD

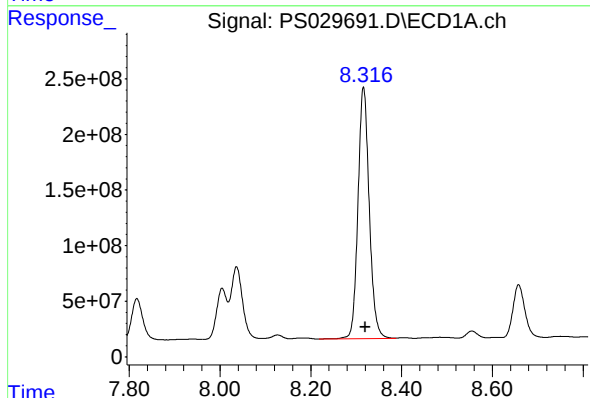
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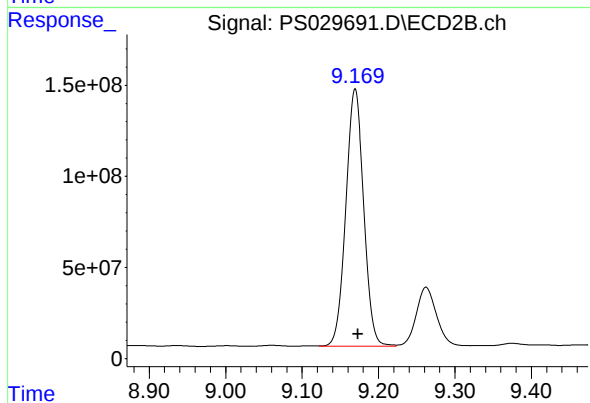
#9 2,4-D

R.T.: 8.668 min  
Delta R.T.: -0.003 min  
Response: 463627288  
Conc: 429.90 ng/ml



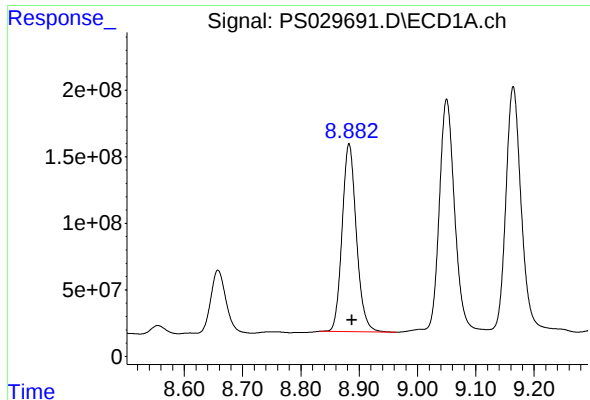
#10 Pentachlorophenol

R.T.: 8.316 min  
Delta R.T.: -0.004 min  
Response: 3898215020  
Conc: 128.21 ng/ml



#10 Pentachlorophenol

R.T.: 9.169 min  
Delta R.T.: -0.004 min  
Response: 2305667199  
Conc: 128.61 ng/ml



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

R.T.: 8.883 min  
Delta R.T.: -0.005 min  
Response: 2401081320  
Conc: 206.72 ng/ml

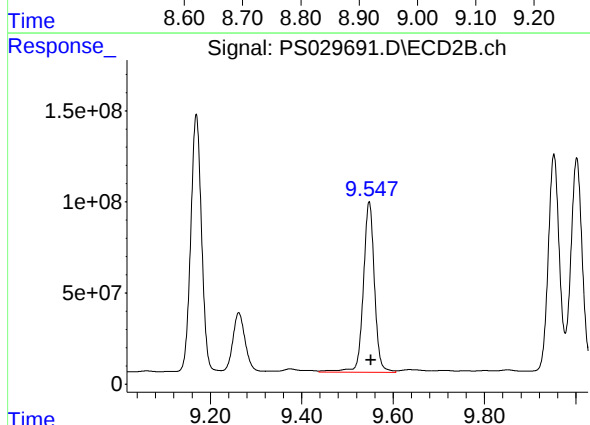
Instrument :

ECD\_S

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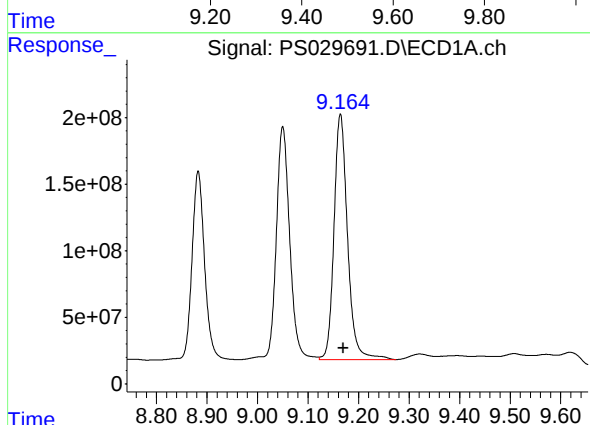
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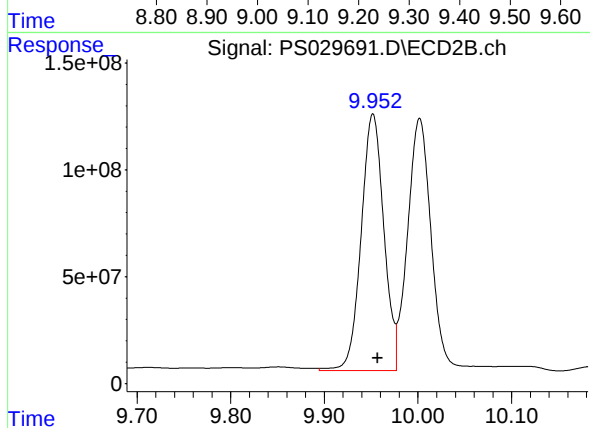
#11 2,4,5-TP (SILVEX)

R.T.: 9.548 min  
Delta R.T.: -0.004 min  
Response: 1594365492  
Conc: 221.04 ng/ml



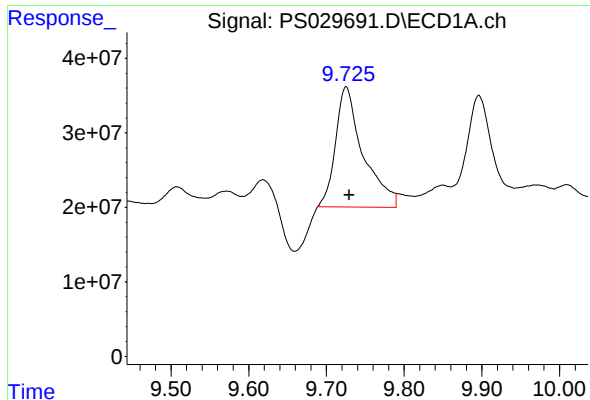
#12 2,4,5-T

R.T.: 9.164 min  
Delta R.T.: -0.006 min  
Response: 3434442561  
Conc: 298.53 ng/ml



#12 2,4,5-T

R.T.: 9.952 min  
Delta R.T.: -0.005 min  
Response: 2018966926  
Conc: 301.21 ng/ml



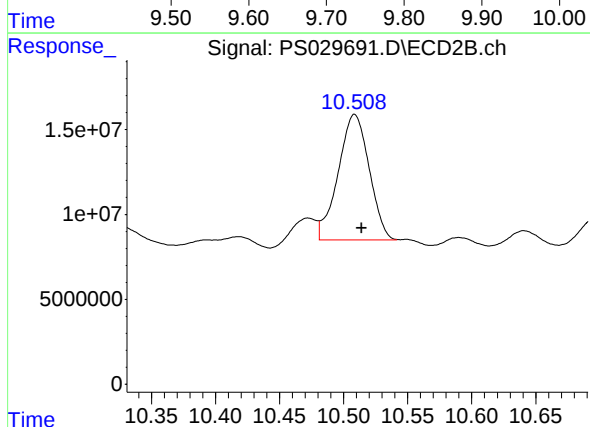
#13 2,4-DB

R.T.: 9.725 min  
Delta R.T.: -0.005 min  
Response: 396811766  
Conc: 218.42 ng/ml

Instrument :  
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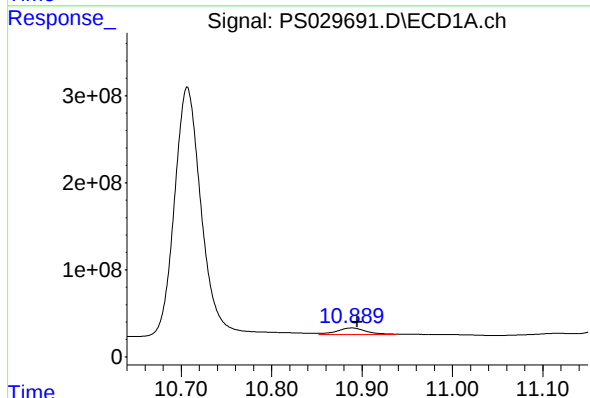
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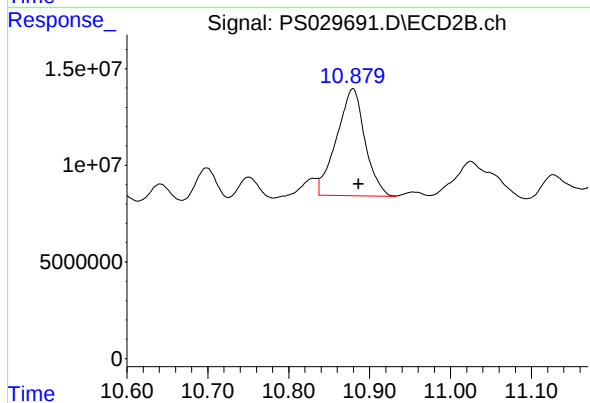
#13 2,4-DB

R.T.: 10.508 min  
Delta R.T.: -0.006 min  
Response: 123978133  
Conc: 167.09 ng/ml



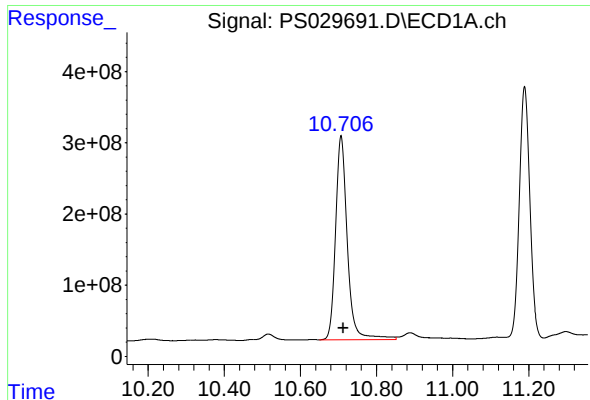
#14 DINOSEB

R.T.: 10.889 min  
Delta R.T.: -0.006 min  
Response: 174152924  
Conc: 20.63 ng/ml



#14 DINOSEB

R.T.: 10.879 min  
Delta R.T.: -0.008 min  
Response: 134337762  
Conc: 26.27 ng/ml



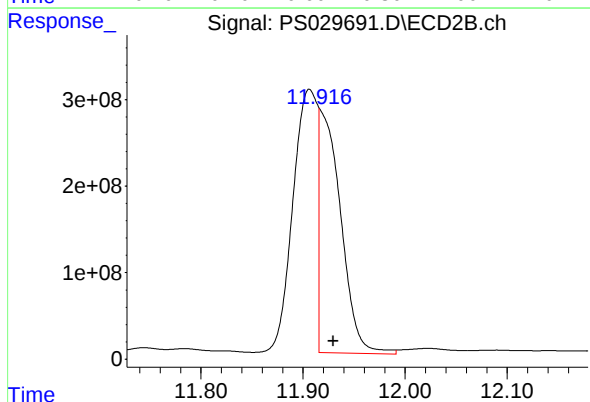
#15 Picloram

R.T.: 10.707 min  
Delta R.T.: -0.006 min  
Response: 6102495835  
Conc: 393.70 ng/ml

Instrument :  
ECD\_S  
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TP-12MSD

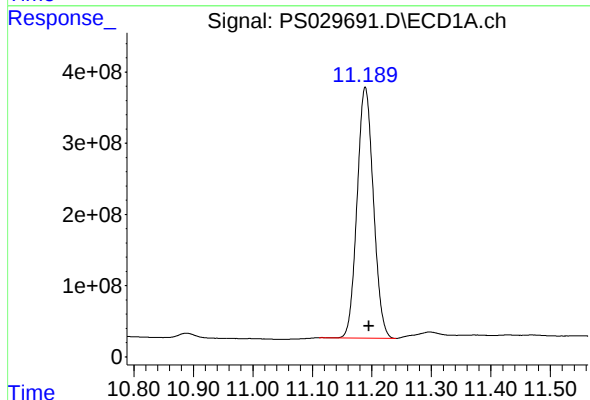
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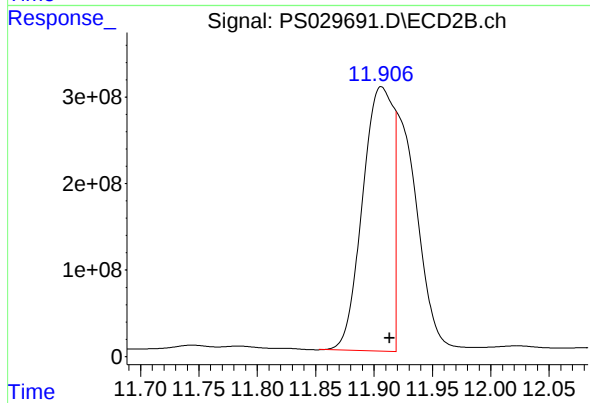
#15 Picloram

R.T.: 11.916 min  
Delta R.T.: -0.014 min  
Response: 4070749630  
Conc: 344.27 ng/ml m



#16 DCPA

R.T.: 11.189 min  
Delta R.T.: -0.006 min  
Response: 6698033937  
Conc: 479.59 ng/ml



#16 DCPA

R.T.: 11.906 min  
Delta R.T.: -0.008 min  
Response: 5545762855  
Conc: 626.59 ng/ml m