

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS093025\  
 Data File : PS031888.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Sep 2025 19:17  
 Operator : AR\AJ  
 Sample : Q3231-04MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 WC-1MS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 10/01/2025  
 Supervised By : mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 01 02:21:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS090925.M  
 Quant Title : 8080.M  
 QLast Update : Tue Sep 09 13:56:38 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     | 7.282  | 7.742  | 1609.3E6 | 471.0E6  | 446.827  | 518.203   |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.671  | 2.684  | 585.6E6  | 906.2E6  | 101.302m | 321.606m# |
| 2) T                        | 3,5-DICHL... | 6.451  | 6.697  | 1257.0E6 | 315.1E6  | 235.687  | 206.616   |
| 5) T                        | DICAMBA      | 7.467  | 7.939  | 3799.0E6 | 1592.7E6 | 243.575  | 244.776   |
| 6) T                        | MCPD         | 7.642  | 8.032  | 177.3E6  | 37832929 | 19.829   | 20.088    |
| 7) T                        | MCPA         | 7.791  | 8.279  | 281.6E6  | 54159386 | 25.345   | 19.334    |
| 8) T                        | DICHLORPROP  | 8.174  | 8.658  | 1024.4E6 | 379.1E6  | 287.613  | 260.532   |
| 9) T                        | 2,4-D        | 8.411  | 9.001  | 1081.2E6 | 527.0E6  | 315.619  | 320.347   |
| 10) T                       | Pentachlo... | 8.704  | 9.508  | 9097.1E6 | 5972.2E6 | 171.339  | 150.469   |
| 11) T                       | 2,4,5-TP ... | 9.281  | 9.891  | 6238.0E6 | 4221.9E6 | 297.421  | 280.443   |
| 12) T                       | 2,4,5-T      | 9.577  | 10.323 | 5289.8E6 | 3439.2E6 | 289.090  | 255.567   |
| 13) T                       | 2,4-DB       | 10.155 | 10.892 | 621.0E6  | 257.6E6  | 266.215  | 240.702   |
| 14) T                       | DINOSEB      | 11.350 | 11.266 | 1645.3E6 | 1116.2E6 | 114.078m | 114.826   |
| 15) T                       | Picloram     | 11.182 | 12.391 | 3961.9E6 | 4117.3E6 | 219.971  | 173.851   |
| 16) T                       | DCPA         | 11.647 | 12.305 | 7172.5E6 | 6160.6E6 | 266.144  | 255.582   |
| -----                       |              |        |        |          |          |          |           |

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

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Data File : PS031888.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Sep 2025 19:17  
Operator : AR\AJ  
Sample : Q3231-04MS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

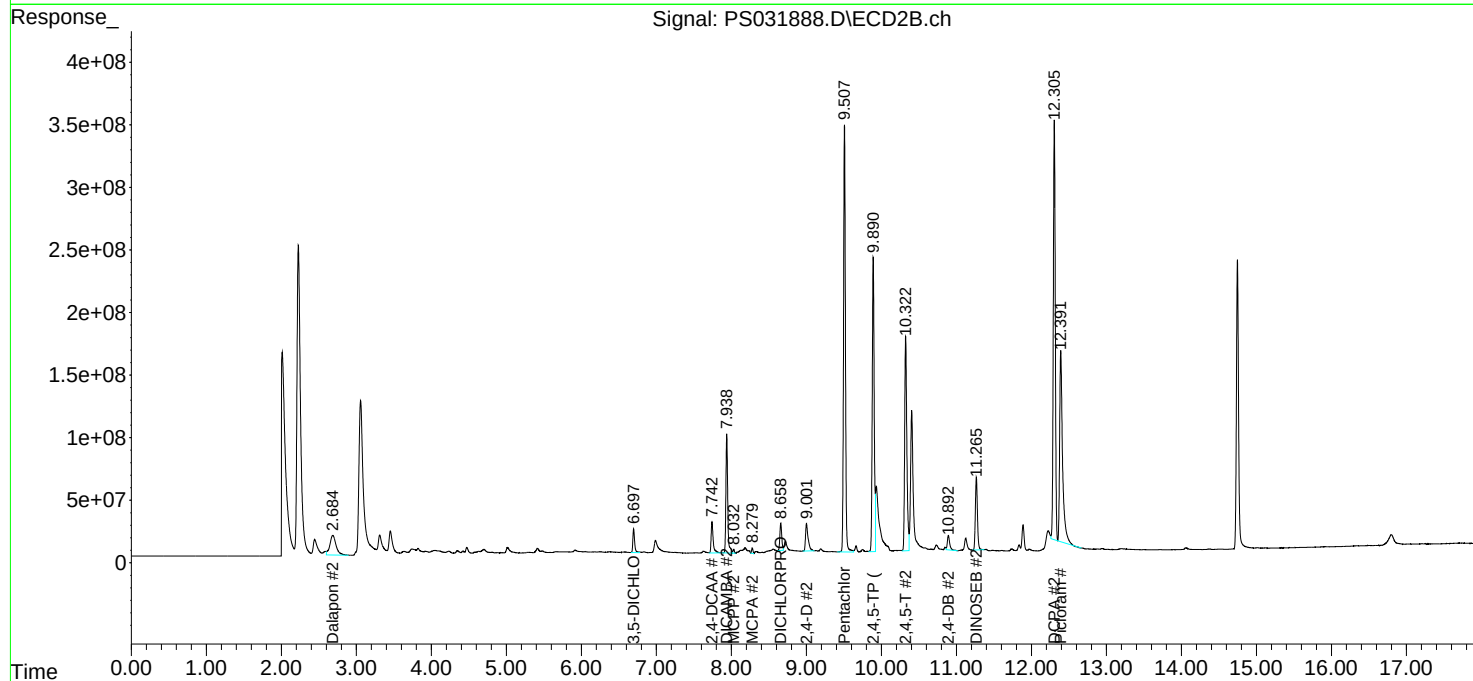
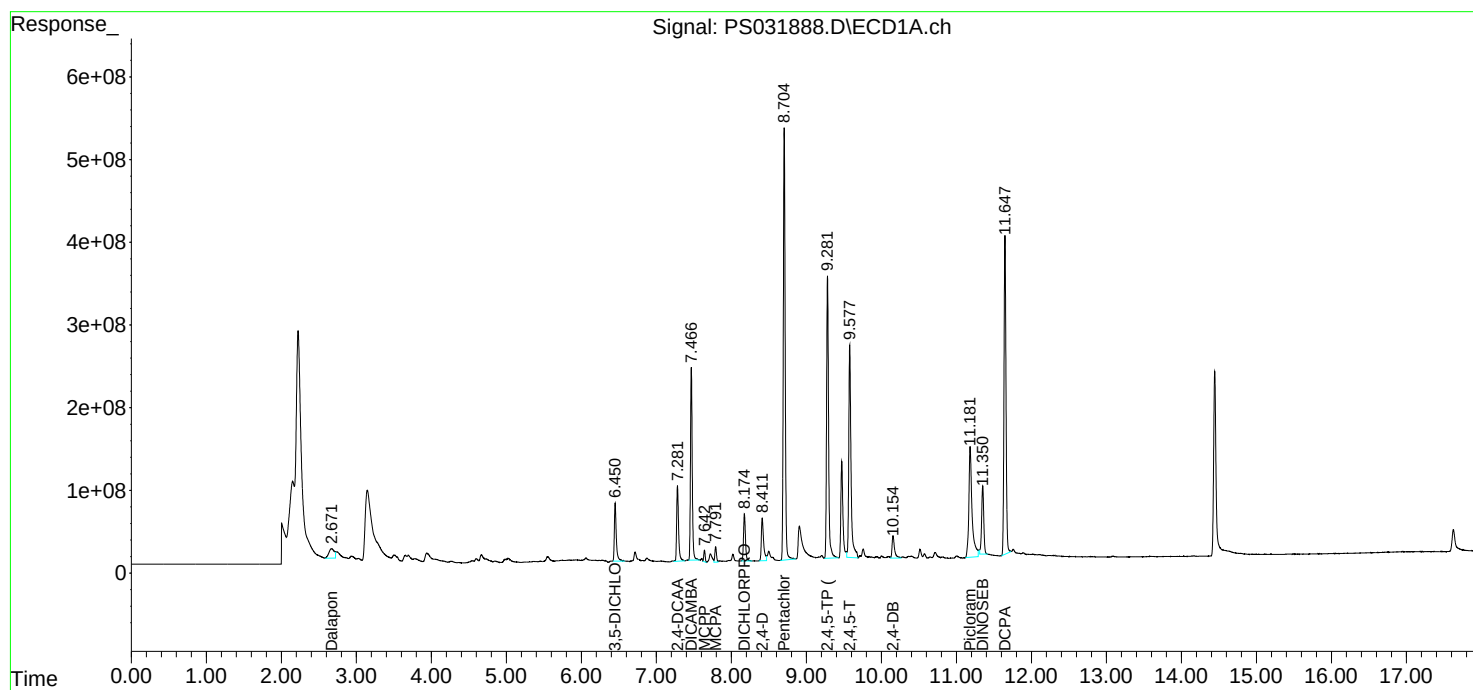
Instrument :  
ECD\_S  
ClientSampleId :  
WC-1MS

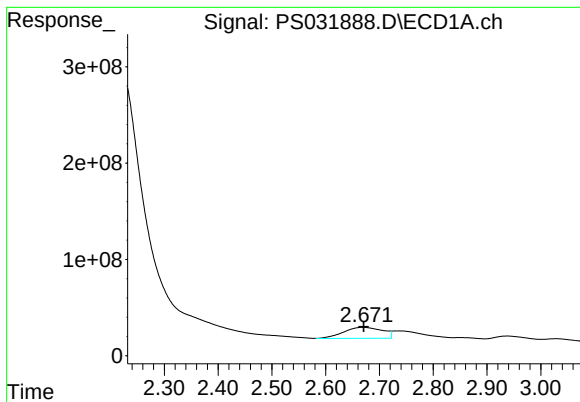
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/01/2025  
Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 01 02:21:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS090925.M  
Quant Title : 8080.M  
QLast Update : Tue Sep 09 13:56:38 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





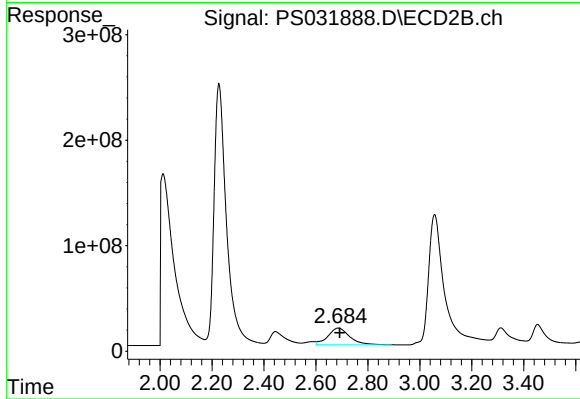
#1 Dalapon

R.T.: 2.671 min  
Delta R.T.: 0.000 min  
Response: 585601681  
Conc: 101.30 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-1MS

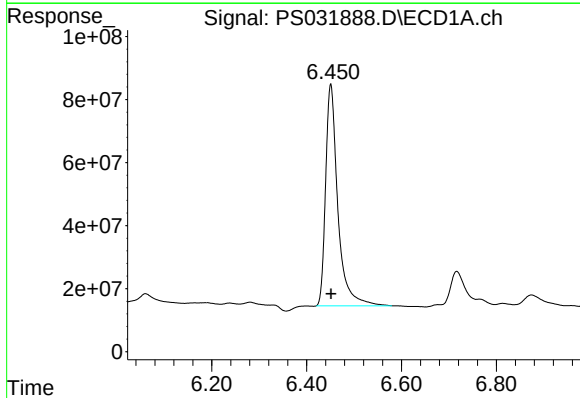
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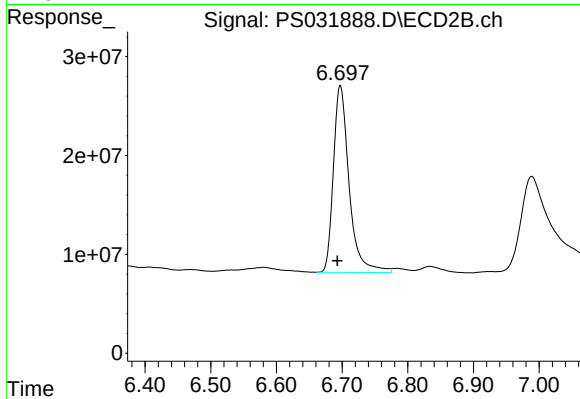
#1 Dalapon

R.T.: 2.684 min  
Delta R.T.: -0.008 min  
Response: 906167112  
Conc: 321.61 ng/ml m



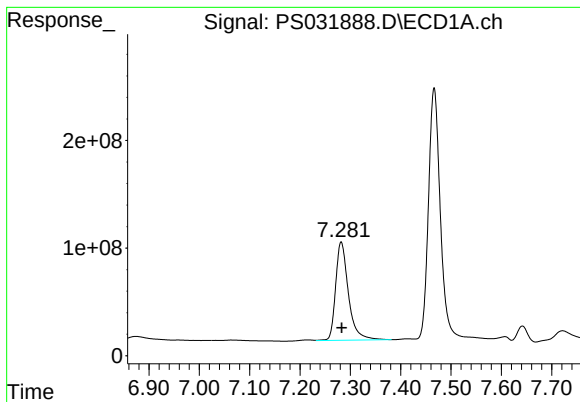
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min  
Delta R.T.: 0.000 min  
Response: 1257002032  
Conc: 235.69 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min  
Delta R.T.: 0.004 min  
Response: 315082049  
Conc: 206.62 ng/ml



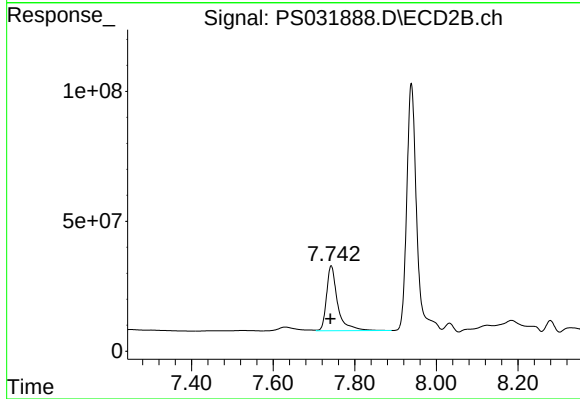
#4 2,4-DCAA

R.T.: 7.282 min  
Delta R.T.: -0.001 min  
Response: 1609259341  
Conc: 446.83 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-1MS

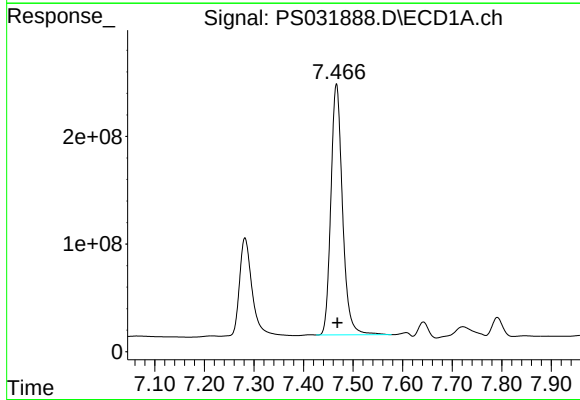
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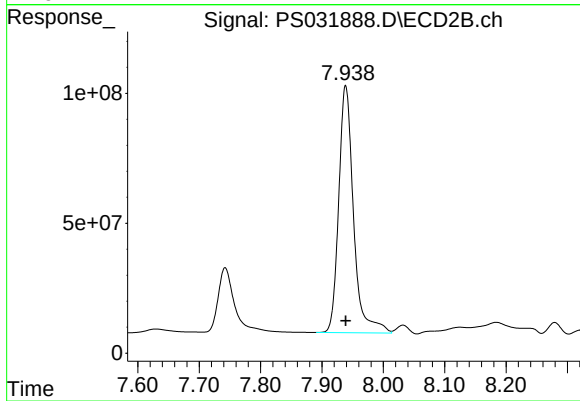
#4 2,4-DCAA

R.T.: 7.742 min  
Delta R.T.: 0.002 min  
Response: 470994431  
Conc: 518.20 ng/ml



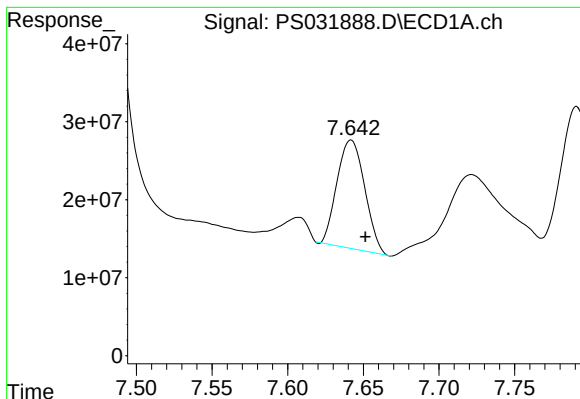
#5 DICAMBA

R.T.: 7.467 min  
Delta R.T.: -0.002 min  
Response: 3798961630  
Conc: 243.57 ng/ml



#5 DICAMBA

R.T.: 7.939 min  
Delta R.T.: 0.000 min  
Response: 1592719608  
Conc: 244.78 ng/ml



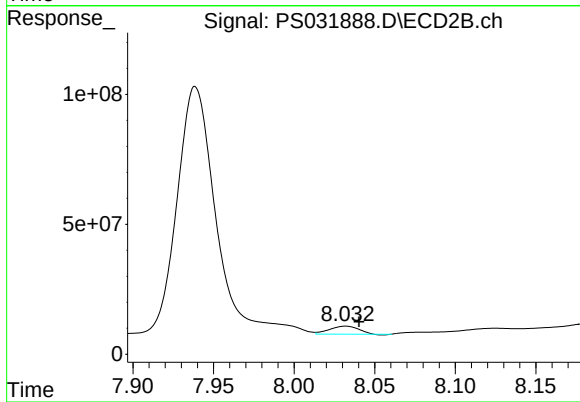
#6 MCPP

R.T.: 7.642 min  
Delta R.T.: -0.010 min  
Response: 177255369  
Conc: 19.83 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-1MS

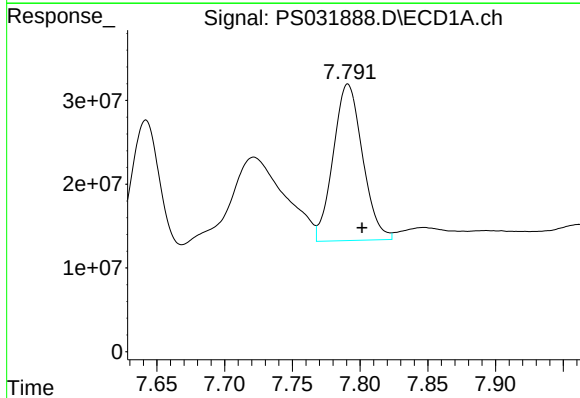
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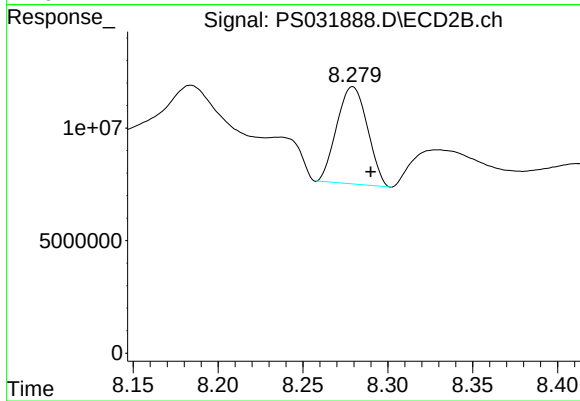
#6 MCPP

R.T.: 8.032 min  
Delta R.T.: -0.008 min  
Response: 37832929  
Conc: 20.09 ug/ml



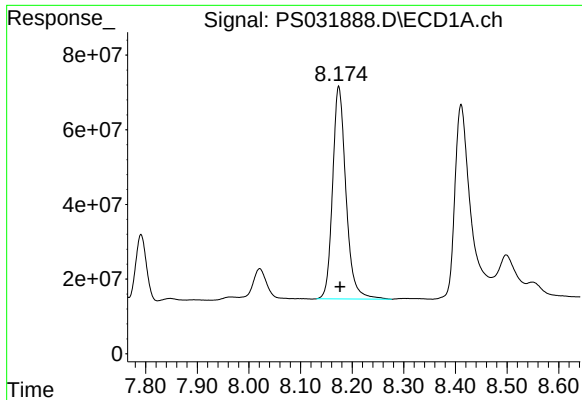
#7 MCPA

R.T.: 7.791 min  
Delta R.T.: -0.011 min  
Response: 281596120  
Conc: 25.35 ug/ml



#7 MCPA

R.T.: 8.279 min  
Delta R.T.: -0.011 min  
Response: 54159386  
Conc: 19.33 ug/ml



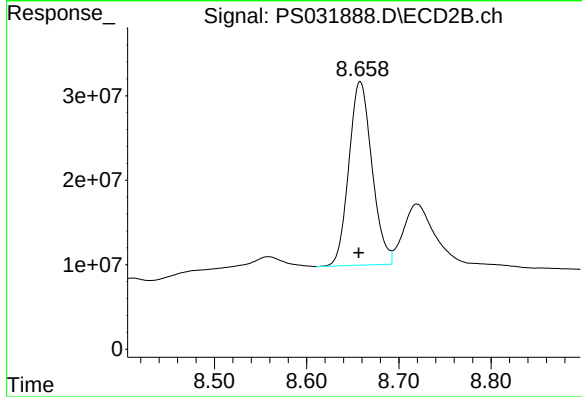
#8 DICHLORPROP

R.T.: 8.174 min  
Delta R.T.: -0.002 min  
Response: 1024409558  
Conc: 287.61 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-1MS

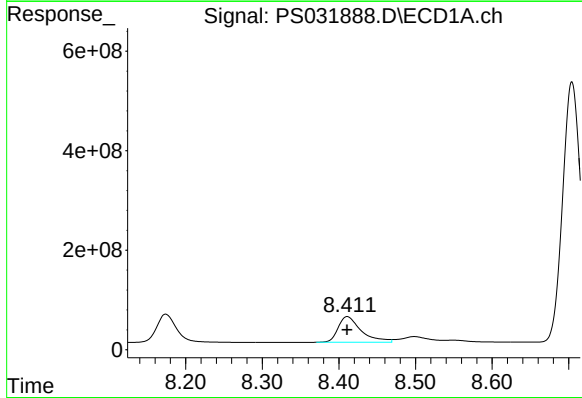
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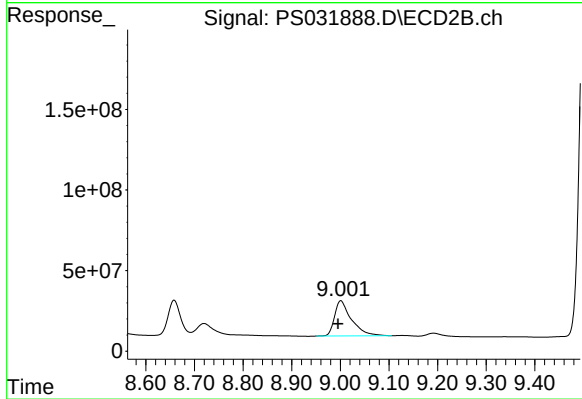
#8 DICHLORPROP

R.T.: 8.658 min  
Delta R.T.: 0.002 min  
Response: 379089998  
Conc: 260.53 ng/ml



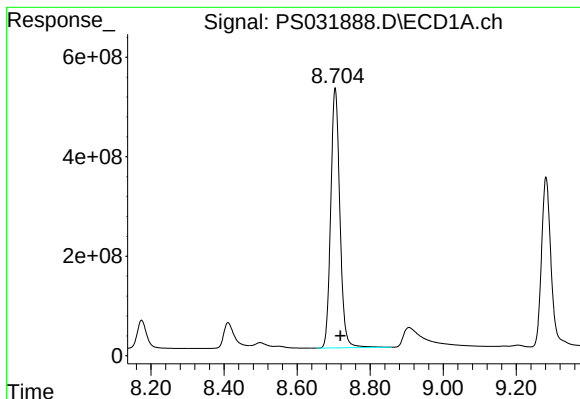
#9 2,4-D

R.T.: 8.411 min  
Delta R.T.: 0.000 min  
Response: 1081197046  
Conc: 315.62 ng/ml



#9 2,4-D

R.T.: 9.001 min  
Delta R.T.: 0.005 min  
Response: 527006035  
Conc: 320.35 ng/ml



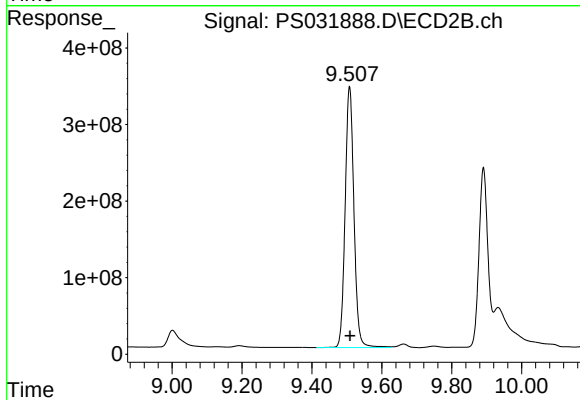
#10 Pentachlorophenol

R.T.: 8.704 min  
Delta R.T.: -0.015 min  
Response: 9097051440  
Conc: 171.34 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-1MS

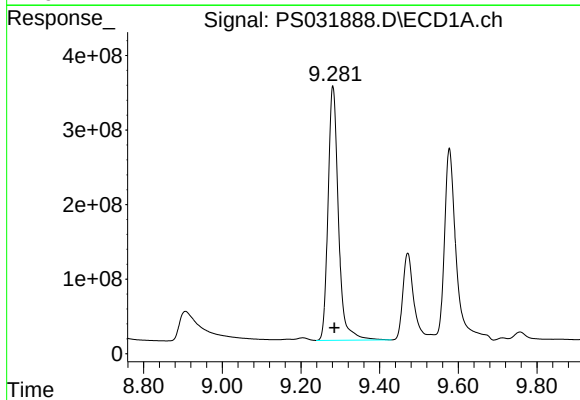
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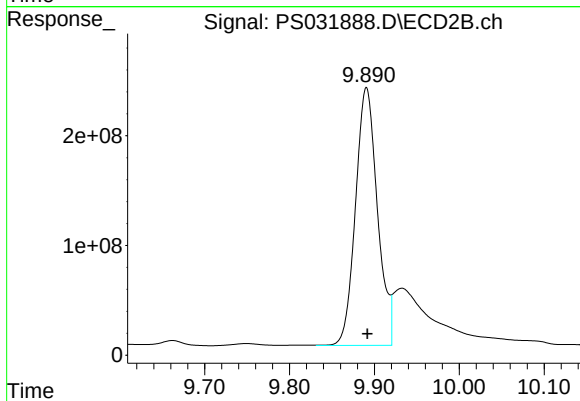
#10 Pentachlorophenol

R.T.: 9.508 min  
Delta R.T.: -0.002 min  
Response: 5972184866  
Conc: 150.47 ng/ml



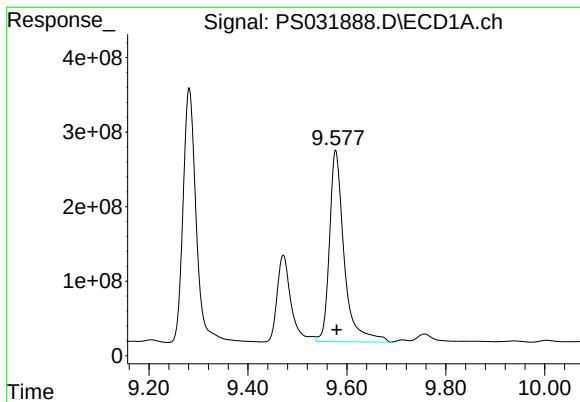
#11 2,4,5-TP (SILVEX)

R.T.: 9.281 min  
Delta R.T.: -0.004 min  
Response: 6238007130  
Conc: 297.42 ng/ml



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

R.T.: 9.891 min  
Delta R.T.: -0.001 min  
Response: 4221872301  
Conc: 280.44 ng/ml



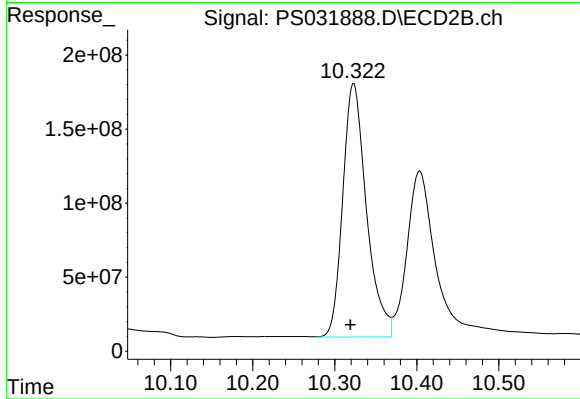
#12 2,4,5-T

R.T.: 9.577 min  
Delta R.T.: -0.002 min  
Response: 5289823878  
Conc: 289.09 ng/ml

Instrument :  
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ClientSampleId :  
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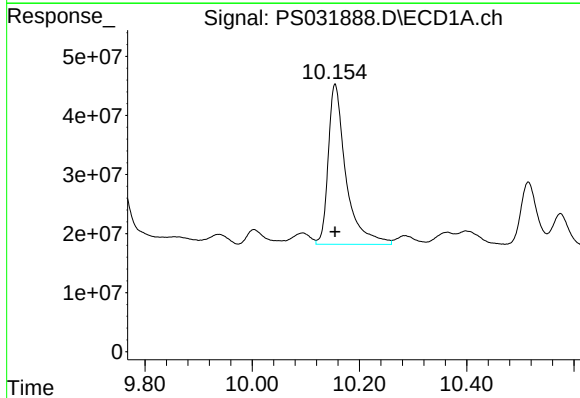
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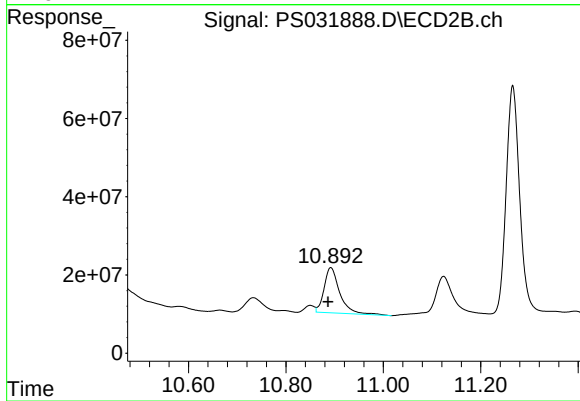
#12 2,4,5-T

R.T.: 10.323 min  
Delta R.T.: 0.004 min  
Response: 3439170776  
Conc: 255.57 ng/ml



#13 2,4-DB

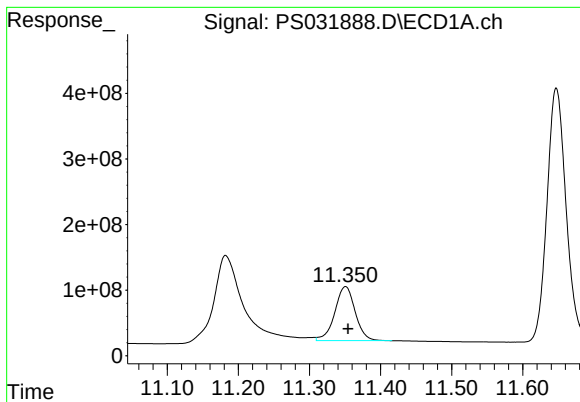
R.T.: 10.155 min  
Delta R.T.: 0.000 min  
Response: 621017108  
Conc: 266.21 ng/ml



#13 2,4-DB

R.T.: 10.892 min  
Delta R.T.: 0.006 min  
Response: 257561691  
Conc: 240.70 ng/ml





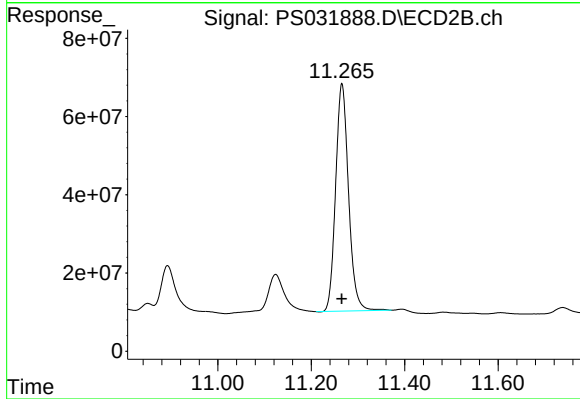
#14 DINOSEB

R.T.: 11.350 min  
Delta R.T.: -0.004 min  
Response: 1645316933  
Conc: 114.08 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-1MS

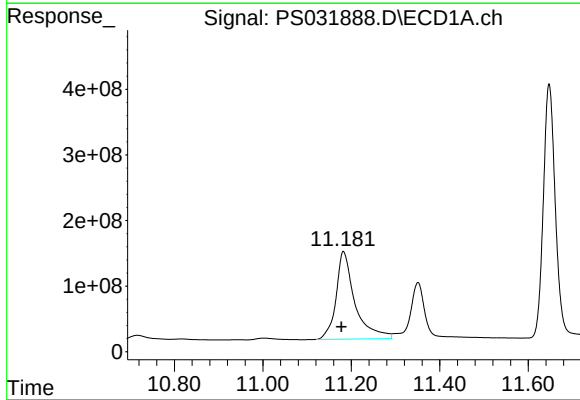
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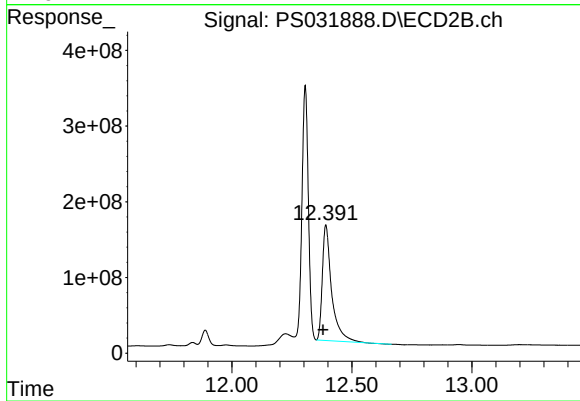
#14 DINOSEB

R.T.: 11.266 min  
Delta R.T.: 0.000 min  
Response: 1116182358  
Conc: 114.83 ng/ml



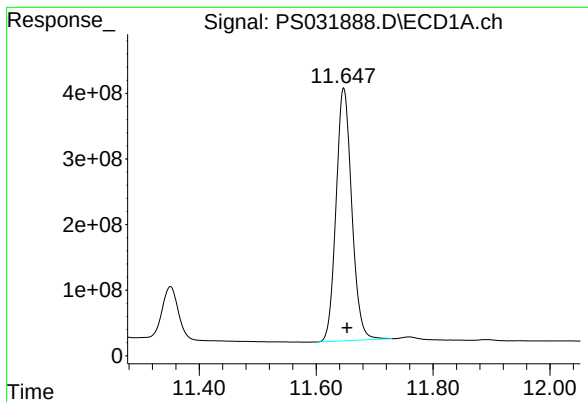
#15 Picloram

R.T.: 11.182 min  
Delta R.T.: 0.005 min  
Response: 3961908651  
Conc: 219.97 ng/ml



#15 Picloram

R.T.: 12.391 min  
Delta R.T.: 0.012 min  
Response: 4117346545  
Conc: 173.85 ng/ml



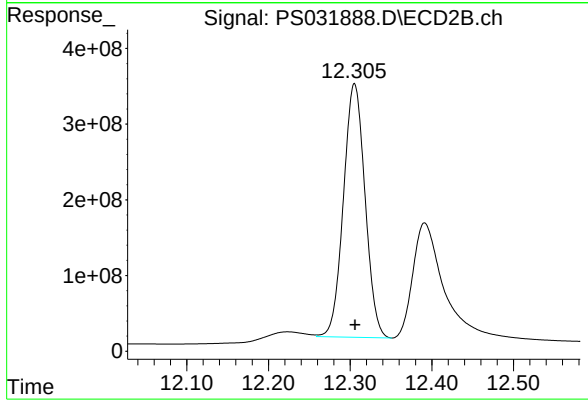
#16 DCPA

R.T.: 11.647 min  
Delta R.T.: -0.006 min  
Response: 7172539934  
Conc: 266.14 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-1MS

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#16 DCPA

R.T.: 12.305 min  
Delta R.T.: 0.000 min  
Response: 6160570951  
Conc: 255.58 ng/ml