

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS080825\  
 Data File : PS031403.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Aug 2025 16:58  
 Operator : AR\AJ  
 Sample : PB169171BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB169171BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/11/2025  
 Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 11 03:29:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080725.M  
 Quant Title : 8080.M  
 QLast Update : Fri Aug 08 03:17:54 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     | 7.293  | 7.746  | 1832.3E6  | 475.0E6   | 577.299  | 561.883  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.676  | 2.696  | 2435.7E6  | 1196.1E6  | 464.031  | 449.496  |
| 2) T                        | 3,5-DICHL... | 6.458  | 6.696  | 2523.1E6  | 687.2E6   | 534.737  | 508.338  |
| 3) T                        | 4-Nitroph... | 7.095  | 7.287  | 623.2E6   | 716.7E6   | 604.064m | 570.248m |
| 5) T                        | DICAMBA      | 7.479  | 7.945  | 7524.7E6  | 2959.0E6  | 538.766  | 520.706  |
| 6) T                        | MCPD         | 7.658  | 8.042  | 436.1E6   | 94281579  | 54.208   | 53.332   |
| 7) T                        | MCPA         | 7.807  | 8.290  | 539.5E6   | 140.5E6   | 54.161   | 50.092   |
| 8) T                        | DICHLORPROP  | 8.187  | 8.663  | 1729.6E6  | 701.8E6   | 545.188  | 525.651  |
| 9) T                        | 2,4-D        | 8.420  | 9.002  | 1644.8E6  | 741.7E6   | 571.752  | 519.653  |
| 10) T                       | Pentachlo... | 8.719  | 9.516  | 27832.2E6 | 18956.9E6 | 579.687  | 544.294  |
| 11) T                       | 2,4,5-TP ... | 9.298  | 9.900  | 10243.3E6 | 7038.0E6  | 571.493  | 536.595  |
| 12) T                       | 2,4,5-T      | 9.592  | 10.329 | 8786.2E6  | 6405.9E6  | 599.687  | 541.053  |
| 13) T                       | 2,4-DB       | 10.167 | 10.896 | 1143.1E6  | 513.1E6   | 594.848m | 531.805  |
| 14) T                       | DINOSEB      | 11.372 | 11.276 | 7005.4E6  | 4791.4E6  | 552.545  | 506.650  |
| 15) T                       | Picloram     | 11.193 | 12.393 | 8189.1E6  | 9640.7E6  | 627.318  | 549.960  |
| 16) T                       | DCPA         | 11.670 | 12.318 | 13364.4E6 | 10751.2E6 | 586.690  | 545.735  |
| -----                       |              |        |        |           |           |          |          |

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

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Acq On : 08 Aug 2025 16:58  
Operator : AR\AJ  
Sample : PB169171BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

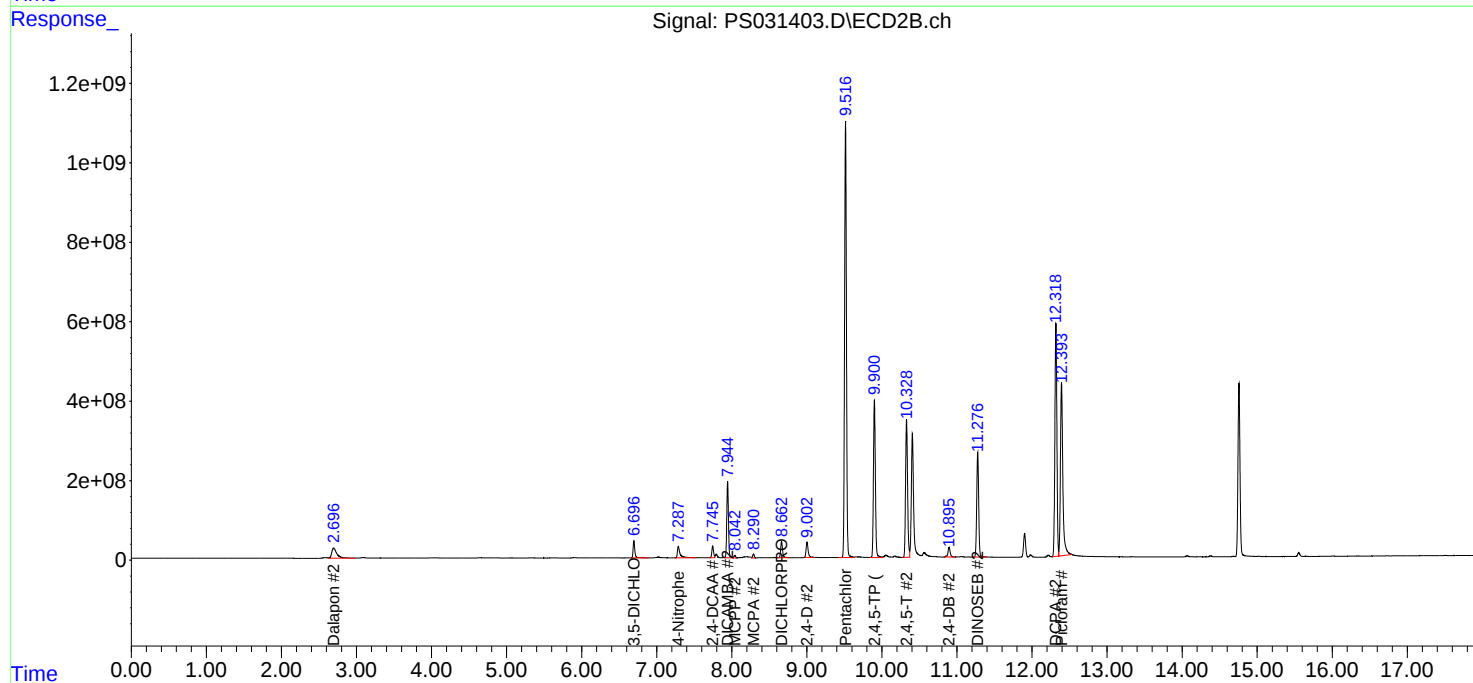
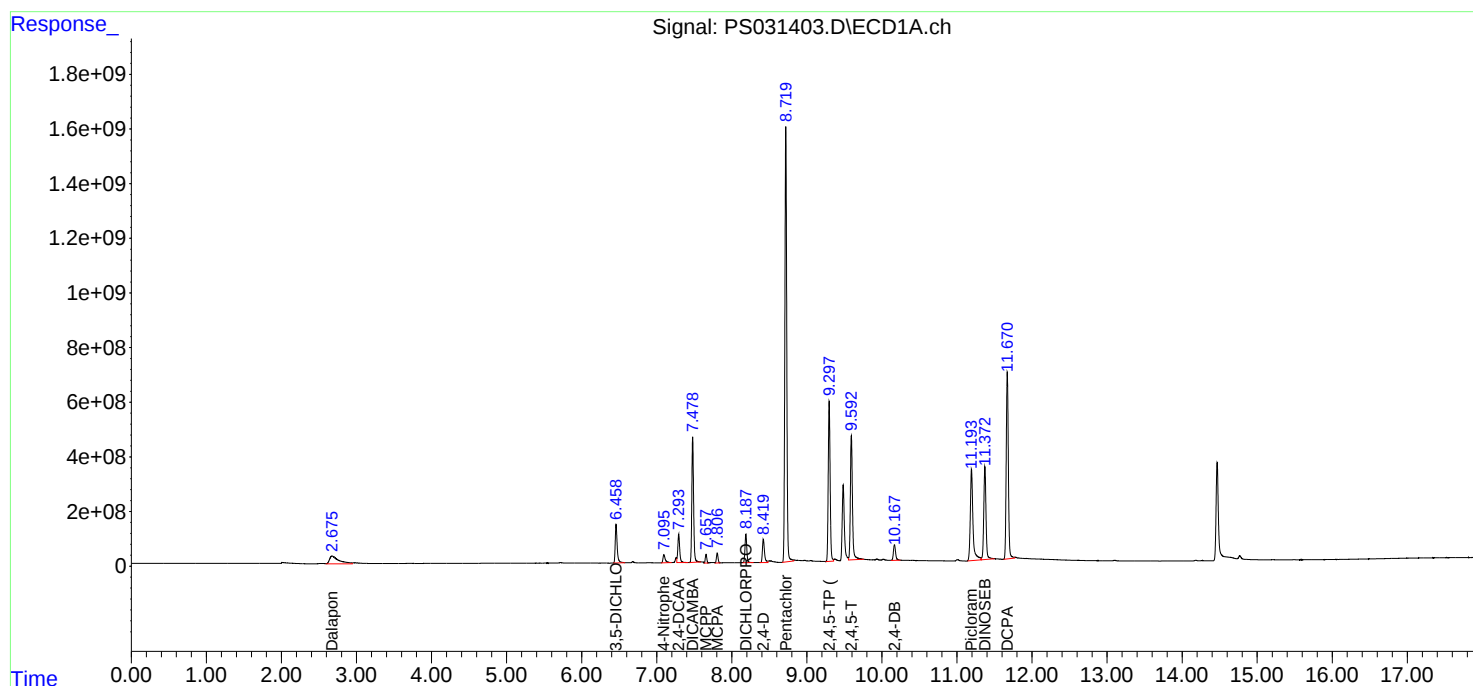
Instrument :  
ECD\_S  
ClientSampleId :  
PB169171BS

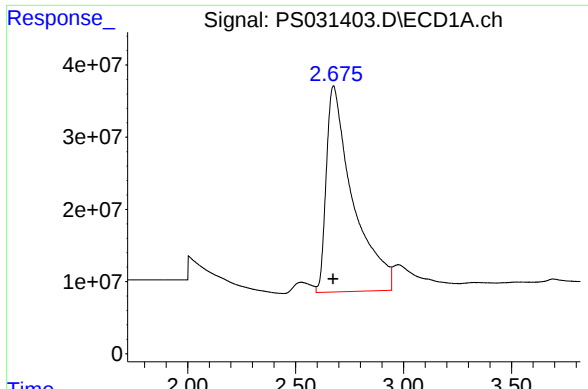
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 11 03:29:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080725.M  
Quant Title : 8080.M  
QLast Update : Fri Aug 08 03:17:54 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





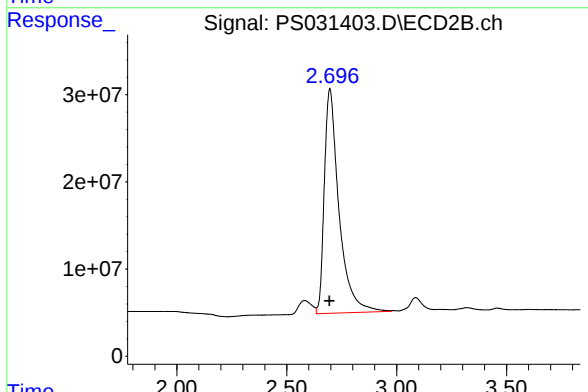
#1 Dalapon

R.T.: 2.676 min  
Delta R.T.: 0.002 min  
Response: 2435669282  
Conc: 464.03 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB169171BS

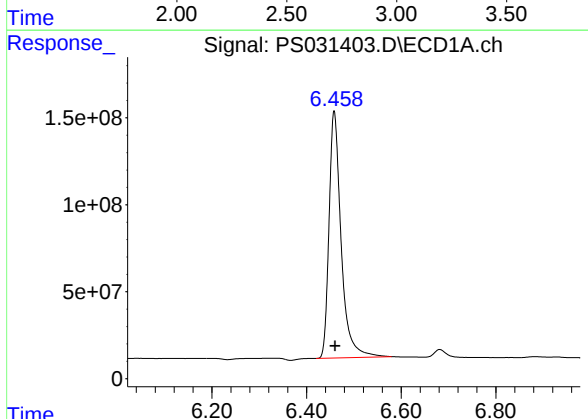
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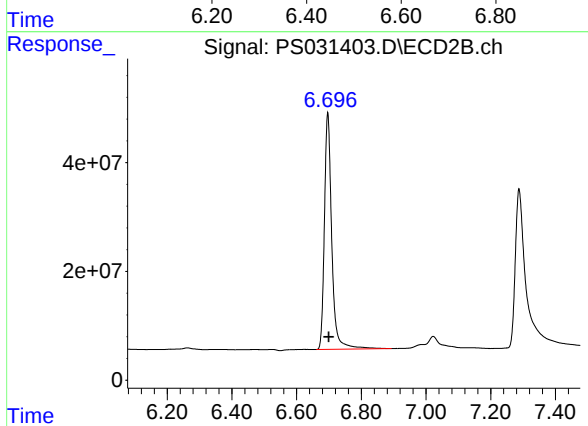
#1 Dalapon

R.T.: 2.696 min  
Delta R.T.: 0.001 min  
Response: 1196114955  
Conc: 449.50 ng/ml



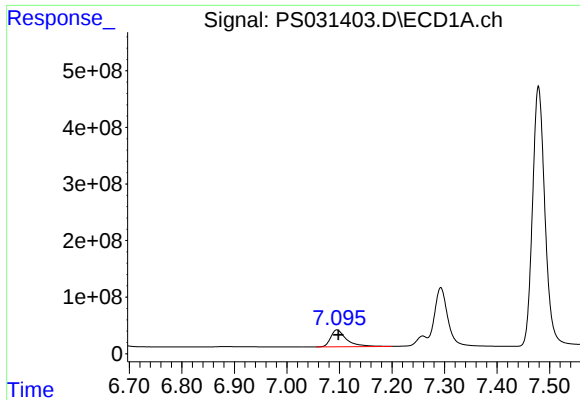
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min  
Delta R.T.: -0.002 min  
Response: 2523056458  
Conc: 534.74 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min  
Delta R.T.: -0.003 min  
Response: 687237441  
Conc: 508.34 ng/ml



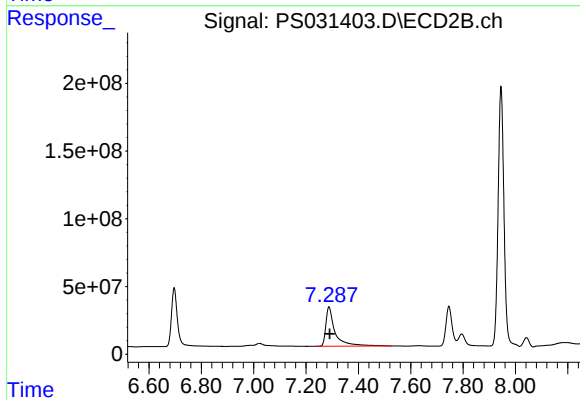
#3 4-Nitrophenol

R.T.: 7.095 min  
Delta R.T.: -0.004 min  
Response: 623200017  
Conc: 604.06 ng/ml

Instrument :  
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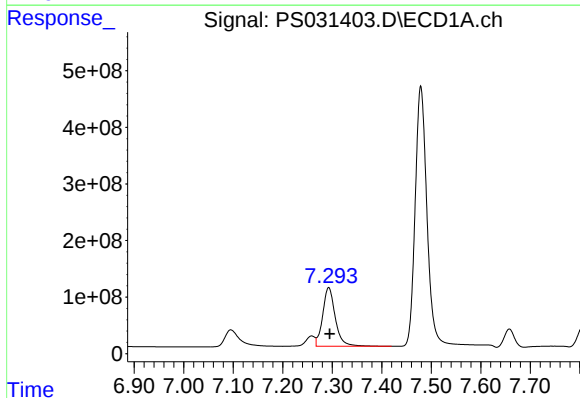
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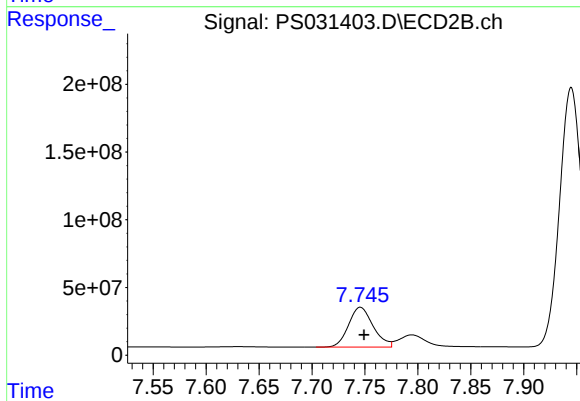
#3 4-Nitrophenol

R.T.: 7.287 min  
Delta R.T.: -0.004 min  
Response: 716738799  
Conc: 570.25 ng/ml m



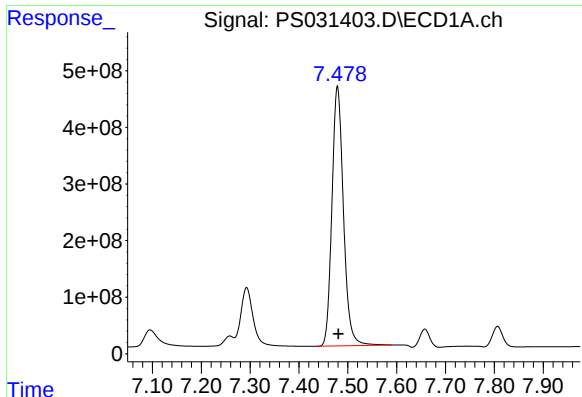
#4 2,4-DCAA

R.T.: 7.293 min  
Delta R.T.: -0.002 min  
Response: 1832341141  
Conc: 577.30 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min  
Delta R.T.: -0.004 min  
Response: 474982427  
Conc: 561.88 ng/ml



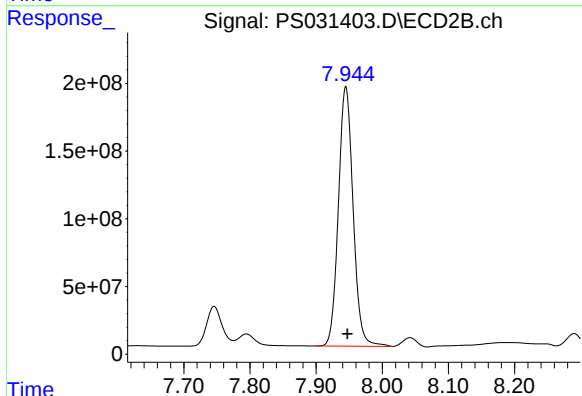
#5 DICAMBA

R.T.: 7.479 min  
Delta R.T.: -0.002 min  
Response: 7524651699  
Conc: 538.77 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB169171BS

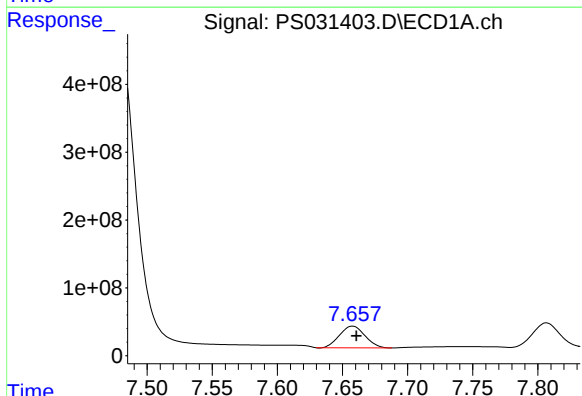
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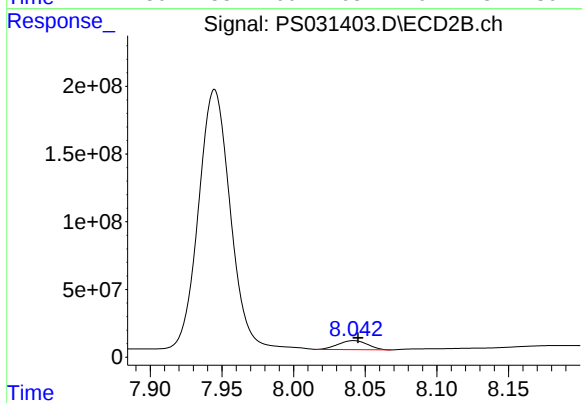
#5 DICAMBA

R.T.: 7.945 min  
Delta R.T.: -0.002 min  
Response: 2959009263  
Conc: 520.71 ng/ml



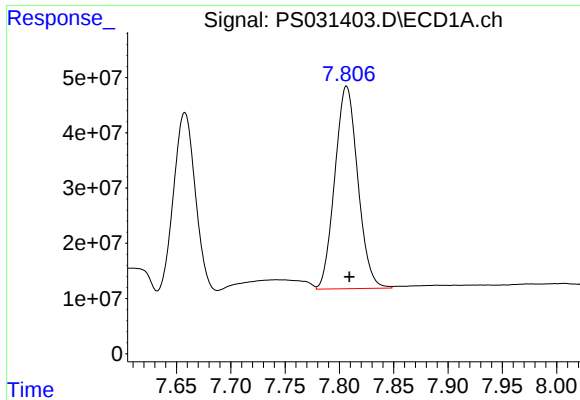
#6 MCPP

R.T.: 7.658 min  
Delta R.T.: -0.003 min  
Response: 436096414  
Conc: 54.21 ug/ml



#6 MCPP

R.T.: 8.042 min  
Delta R.T.: -0.003 min  
Response: 94281579  
Conc: 53.33 ug/ml



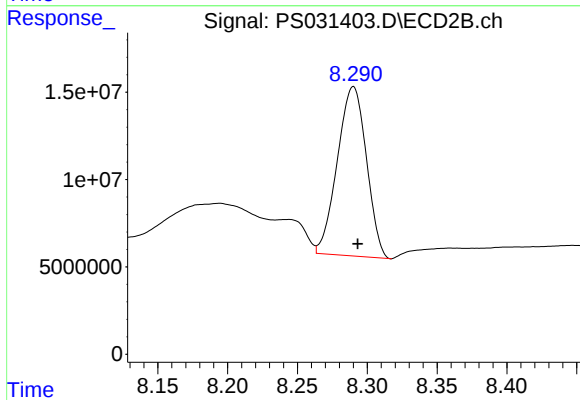
#7 MCPA

R.T.: 7.807 min  
Delta R.T.: -0.003 min  
Response: 539511010  
Conc: 54.16 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB169171BS

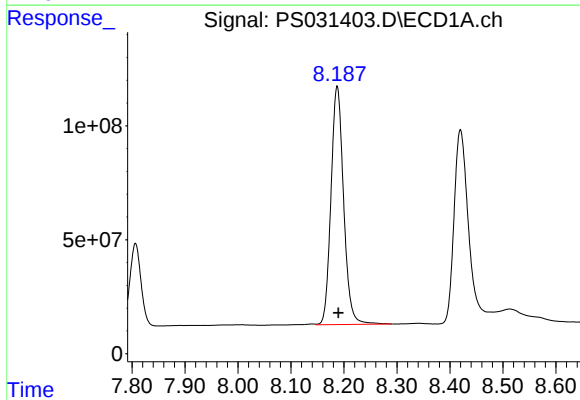
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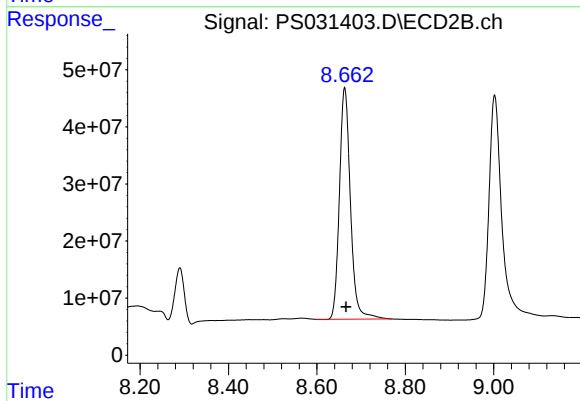
#7 MCPA

R.T.: 8.290 min  
Delta R.T.: -0.003 min  
Response: 140534309  
Conc: 50.09 ug/ml



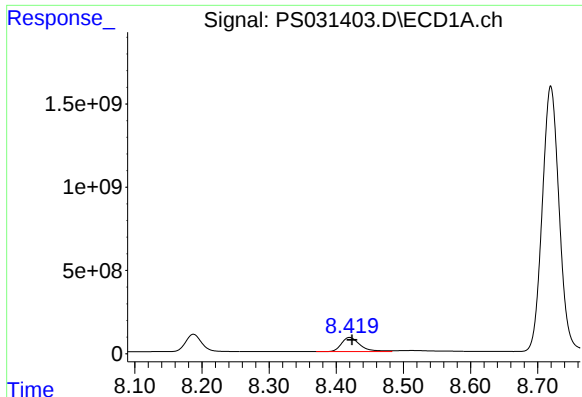
#8 DICHLORPROP

R.T.: 8.187 min  
Delta R.T.: -0.002 min  
Response: 1729570562  
Conc: 545.19 ng/ml



#8 DICHLORPROP

R.T.: 8.663 min  
Delta R.T.: -0.003 min  
Response: 701762010  
Conc: 525.65 ng/ml



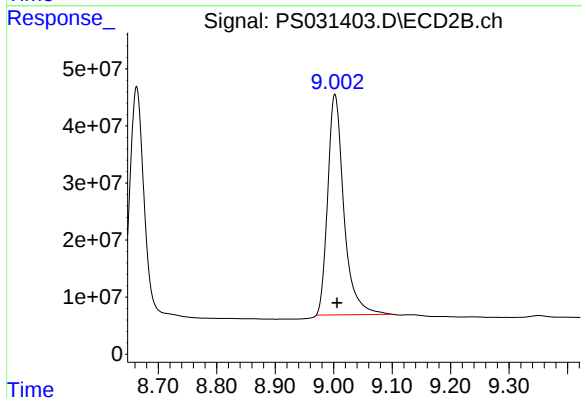
#9 2,4-D

R.T.: 8.420 min  
Delta R.T.: -0.004 min  
Response: 1644823528  
Conc: 571.75 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB169171BS

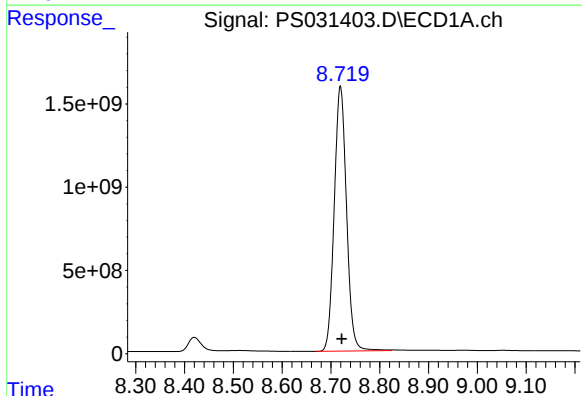
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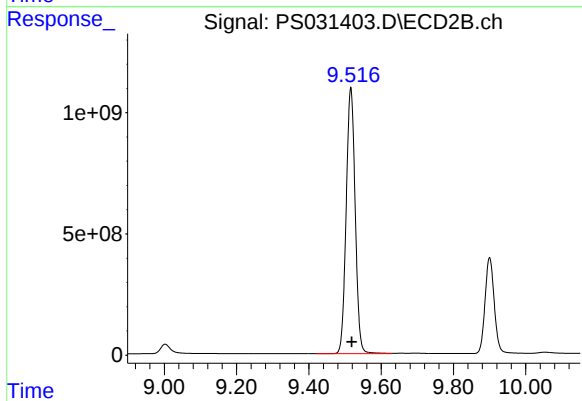
#9 2,4-D

R.T.: 9.002 min  
Delta R.T.: -0.003 min  
Response: 741694457  
Conc: 519.65 ng/ml



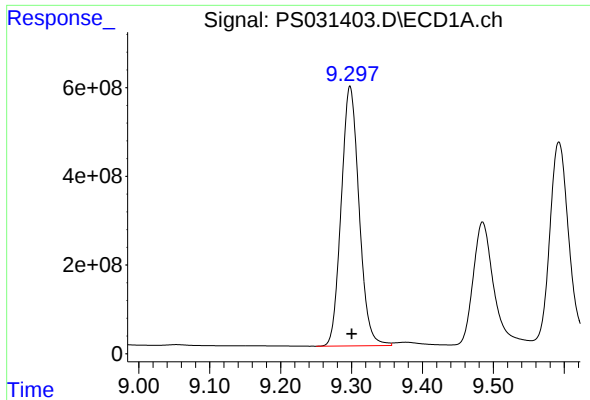
#10 Pentachlorophenol

R.T.: 8.719 min  
Delta R.T.: -0.003 min  
Response: 27832174080  
Conc: 579.69 ng/ml



#10 Pentachlorophenol

R.T.: 9.516 min  
Delta R.T.: -0.002 min  
Response: 18956896225  
Conc: 544.29 ng/ml



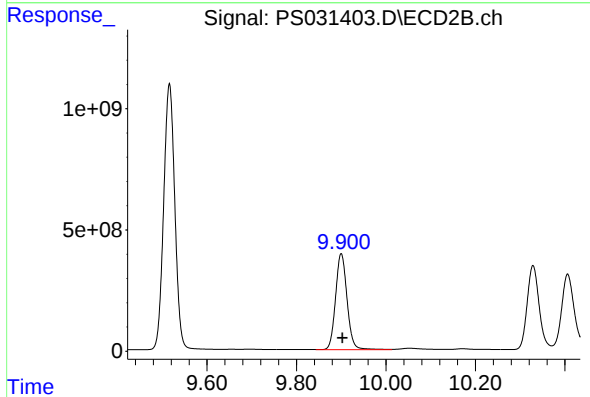
#11 2,4,5-TP (SILVEX)

R.T.: 9.298 min  
Delta R.T.: -0.002 min  
Response: 10243268432  
Conc: 571.49 ng/ml

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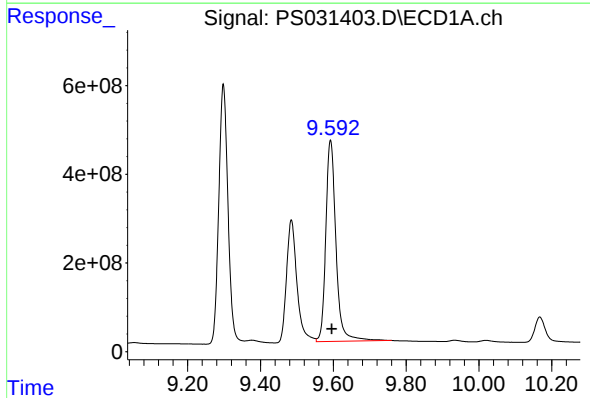
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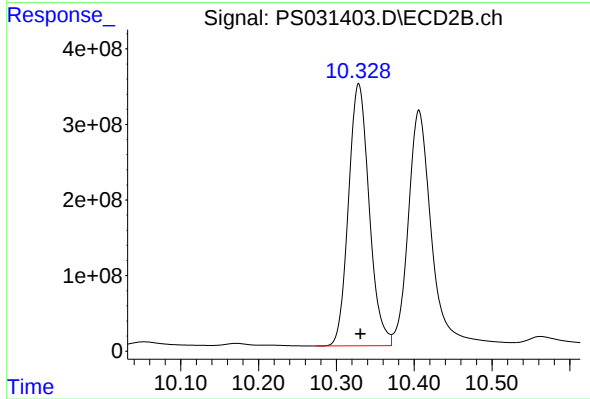
#11 2,4,5-TP (SILVEX)

R.T.: 9.900 min  
Delta R.T.: -0.003 min  
Response: 7037992420  
Conc: 536.59 ng/ml



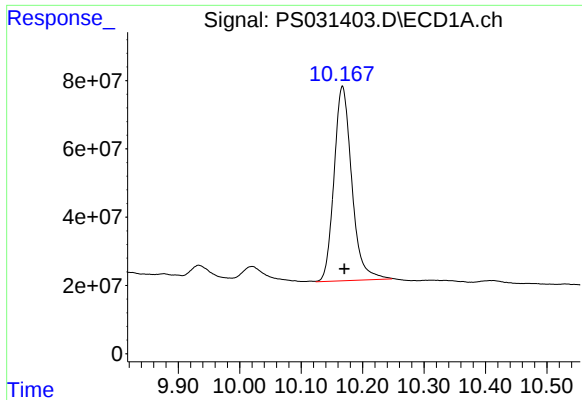
#12 2,4,5-T

R.T.: 9.592 min  
Delta R.T.: -0.003 min  
Response: 8786152982  
Conc: 599.69 ng/ml



#12 2,4,5-T

R.T.: 10.329 min  
Delta R.T.: -0.002 min  
Response: 6405938970  
Conc: 541.05 ng/ml



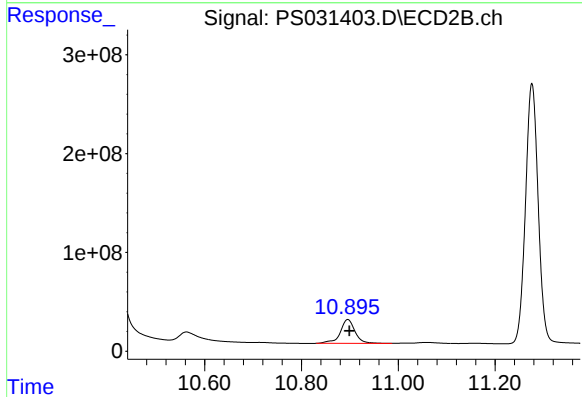
#13 2,4-DB

R.T.: 10.167 min  
Delta R.T.: -0.003 min  
Response: 1143131026  
Conc: 594.85 ng/ml

Instrument :  
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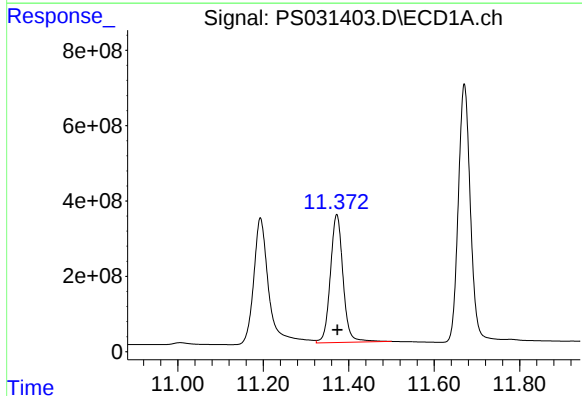
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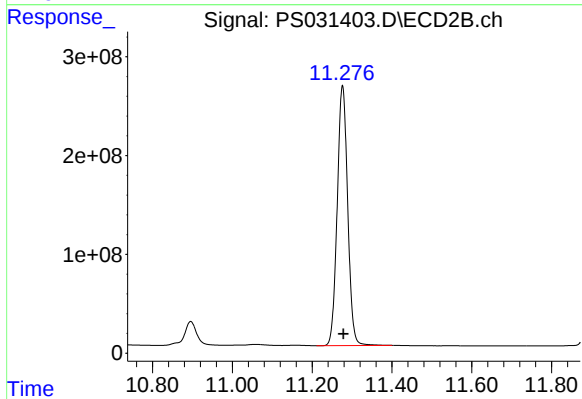
#13 2,4-DB

R.T.: 10.896 min  
Delta R.T.: -0.004 min  
Response: 513109978  
Conc: 531.80 ng/ml



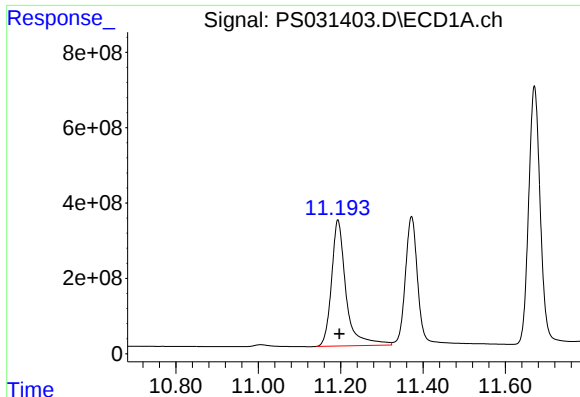
#14 DINOSEB

R.T.: 11.372 min  
Delta R.T.: -0.001 min  
Response: 7005425427  
Conc: 552.54 ng/ml



#14 DINOSEB

R.T.: 11.276 min  
Delta R.T.: -0.002 min  
Response: 4791359098  
Conc: 506.65 ng/ml



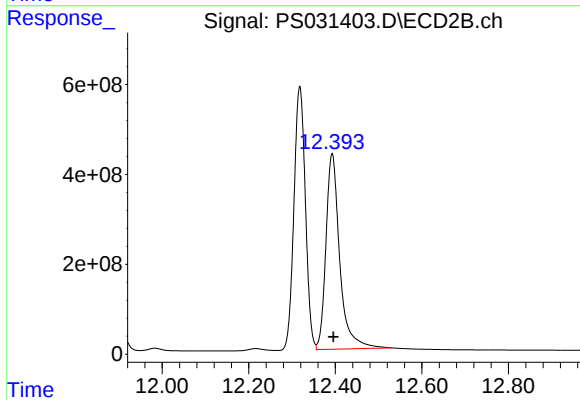
#15 Picloram

R.T.: 11.193 min  
Delta R.T.: -0.004 min  
Response: 8189110667  
Conc: 627.32 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB169171BS

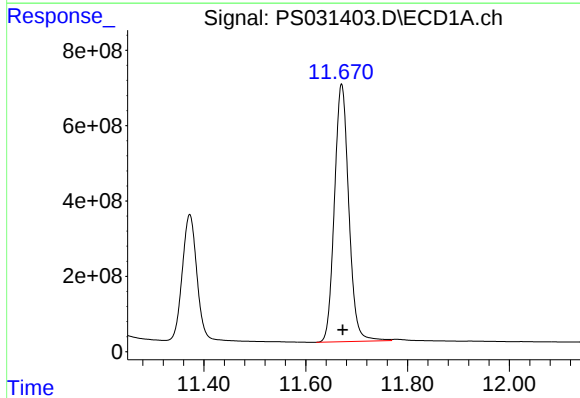
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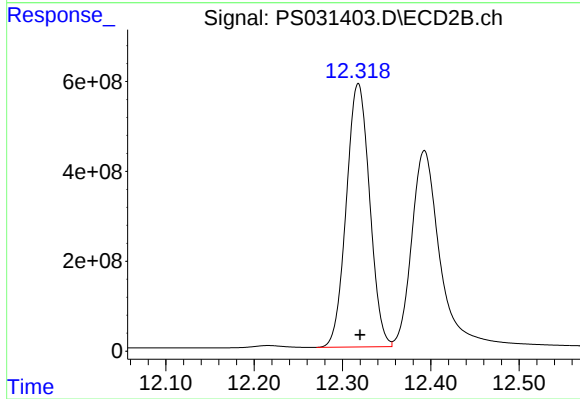
#15 Picloram

R.T.: 12.393 min  
Delta R.T.: -0.003 min  
Response: 9640653214  
Conc: 549.96 ng/ml



#16 DCPA

R.T.: 11.670 min  
Delta R.T.: -0.002 min  
Response: 13364395673  
Conc: 586.69 ng/ml



#16 DCPA

R.T.: 12.318 min  
Delta R.T.: -0.002 min  
Response: 10751203897  
Conc: 545.74 ng/ml