

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS051525\  
 Data File : PS030225.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 May 2025 10:42  
 Operator : AR\AJ  
 Sample : PB167976BS (Sig #1); PB167979BS (Sig #2)  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB167976BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/16/2025  
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 16 04:20:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS051225.M  
 Quant Title : 8080.M  
 QLast Update : Mon May 12 14:29:24 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     | 6.933  | 7.452  | 1617.9E6  | 456.3E6   | 568.112 | 570.269  |
| Target Compounds            |              |        |        |           |           |         |          |
| 1) T                        | Dalapon      | 2.447  | 2.520  | 2503.6E6  | 1026.7E6  | 509.339 | 505.481  |
| 2) T                        | 3,5-DICHL... | 6.138  | 6.451  | 2200.0E6  | 592.0E6   | 527.507 | 507.814  |
| 3) T                        | 4-Nitroph... | 6.724  | 6.987  | 1058.5E6  | 492.8E6   | 512.451 | 472.019  |
| 5) T                        | DICAMBA      | 7.109  | 7.637  | 6230.9E6  | 2535.3E6  | 539.132 | 536.240  |
| 6) T                        | MCPD         | 7.288  | 7.744  | 401.6E6   | 99000679  | 55.143  | 53.812   |
| 7) T                        | MCPA         | 7.430  | 7.974  | 535.7E6   | 133.9E6   | 51.603  | 50.769   |
| 8) T                        | DICHLORPROP  | 7.789  | 8.329  | 1565.9E6  | 628.9E6   | 536.025 | 532.353  |
| 9) T                        | 2,4-D        | 8.010  | 8.642  | 1762.3E6  | 703.6E6   | 537.463 | 545.185  |
| 10) T                       | Pentachlo... | 8.286  | 9.141  | 22610.2E6 | 13693.9E6 | 558.267 | 554.749  |
| 11) T                       | 2,4,5-TP ... | 8.850  | 9.519  | 8915.2E6  | 5401.4E6  | 550.455 | 548.338  |
| 12) T                       | 2,4,5-T      | 9.132  | 9.924  | 9212.1E6  | 4999.4E6  | 557.796 | 543.204  |
| 13) T                       | 2,4-DB       | 9.690  | 10.482 | 1474.7E6  | 483.8E6   | 565.055 | 487.540  |
| 14) T                       | DINOSEB      | 10.850 | 10.855 | 6147.9E6  | 3636.0E6  | 537.576 | 532.205  |
| 15) T                       | Picloram     | 10.671 | 11.889 | 11443.6E6 | 7890.9E6  | 535.075 | 560.708m |
| 16) T                       | DCPA         | 11.151 | 11.887 | 11103.6E6 | 6829.2E6  | 557.646 | 505.475m |
| -----                       |              |        |        |           |           |         |          |

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

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Data File : PS030225.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 May 2025 10:42  
Operator : AR\AJ  
Sample : PB167976BS (Sig #1); PB167979BS (Sig #2)  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

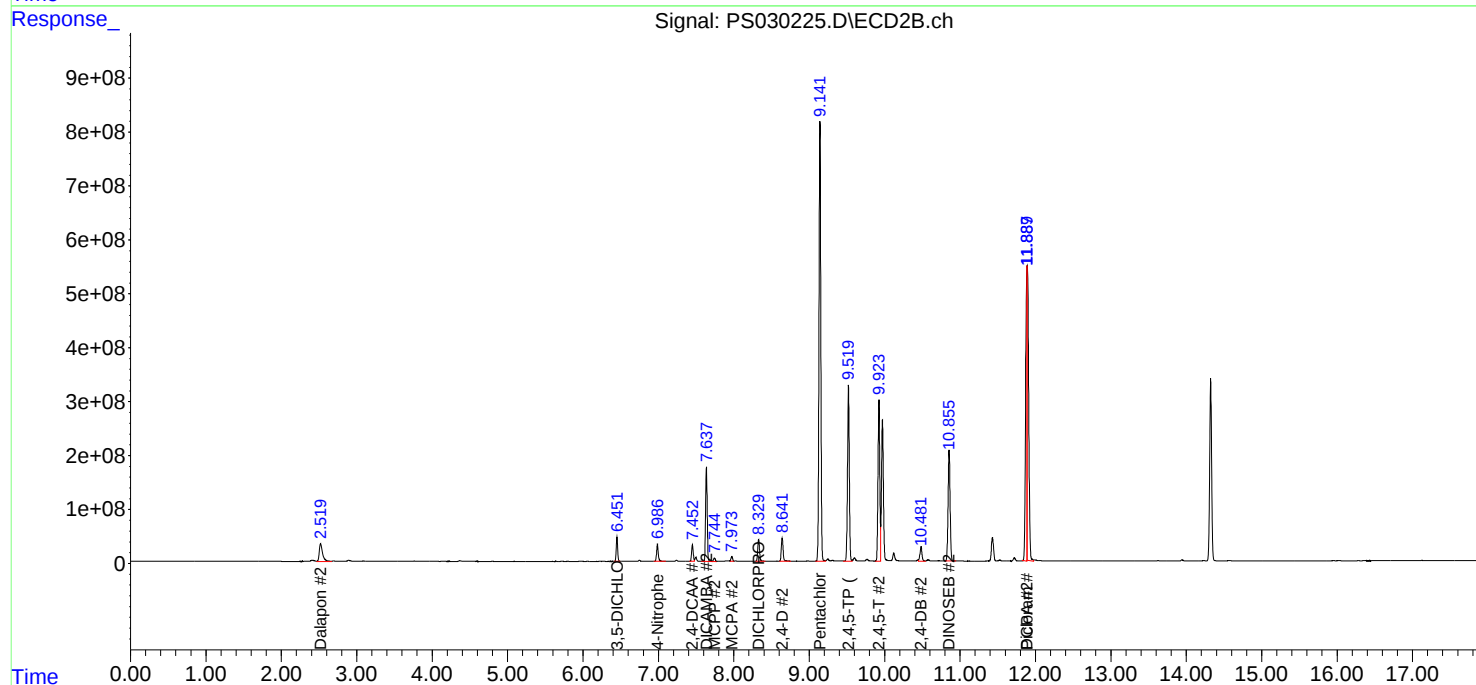
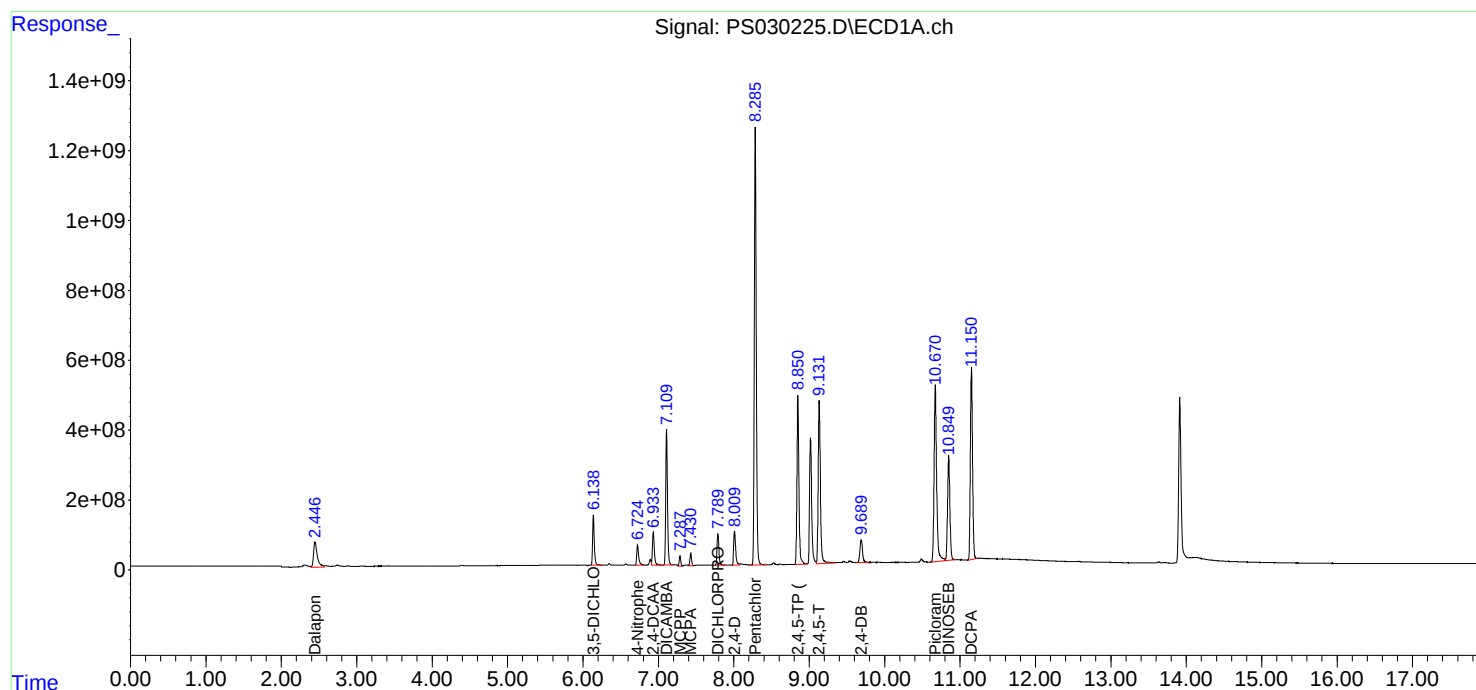
Instrument :  
ECD\_S  
ClientSampleId :  
PB167976BS

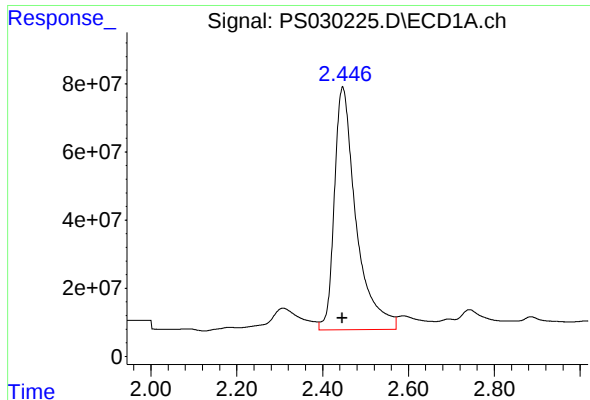
Manual Integrations  
APPROVED

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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 16 04:20:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS051225.M  
Quant Title : 8080.M  
QLast Update : Mon May 12 14:29:24 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





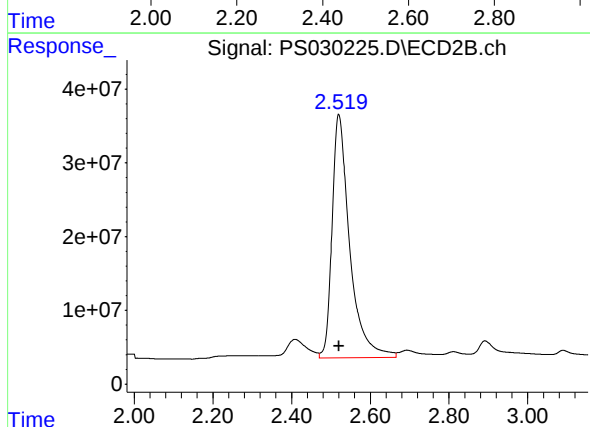
#1 Dalapon

R.T.: 2.447 min  
Delta R.T.: 0.000 min  
Response: 2503583516  
Conc: 509.34 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB167976BS

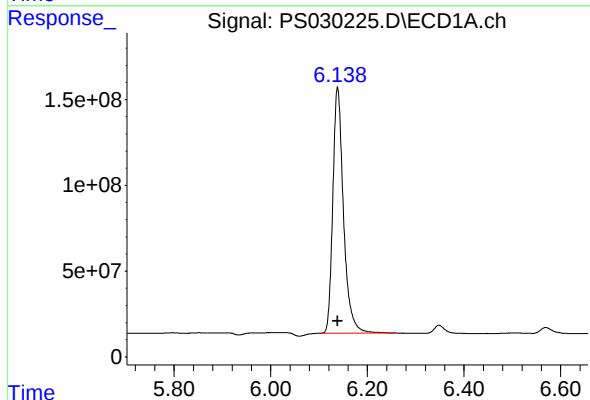
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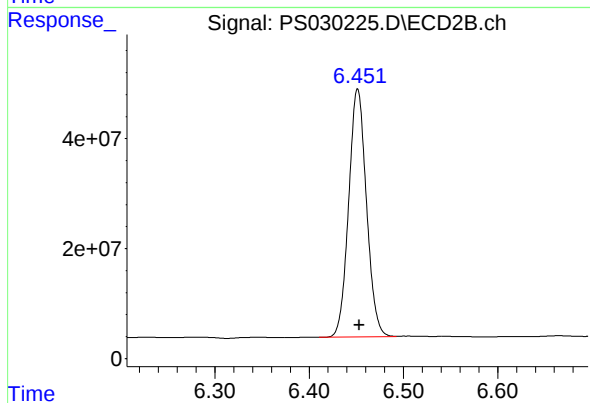
#1 Dalapon

R.T.: 2.520 min  
Delta R.T.: 0.000 min  
Response: 1026657764  
Conc: 505.48 ng/ml



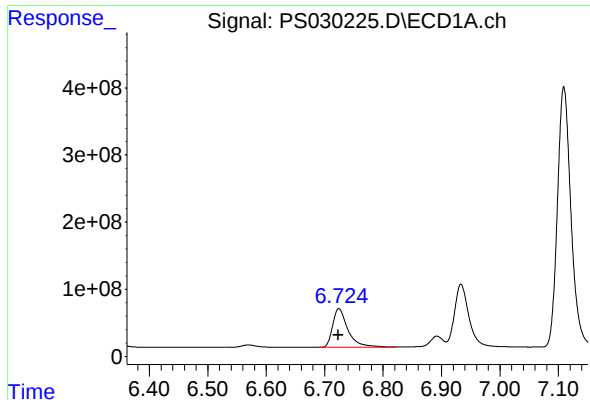
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min  
Delta R.T.: 0.000 min  
Response: 2199993644  
Conc: 527.51 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min  
Delta R.T.: -0.002 min  
Response: 592024121  
Conc: 507.81 ng/ml



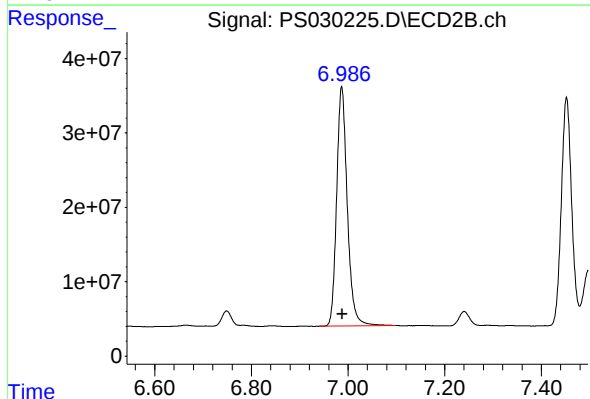
#3 4-Nitrophenol

R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 1058526223  
Conc: 512.45 ng/ml

Instrument :  
ECD\_S  
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PB167976BS

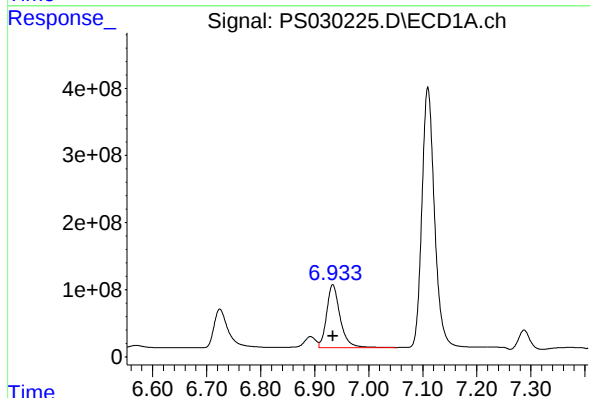
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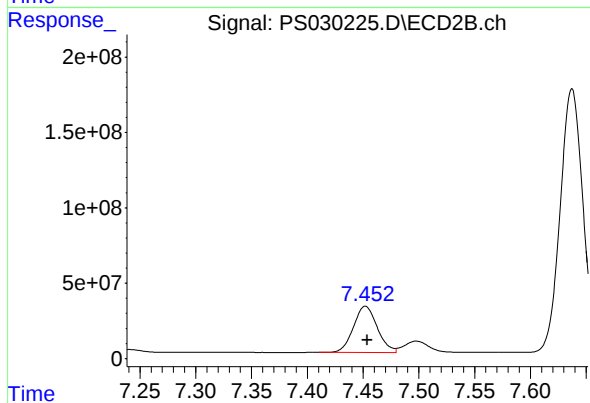
#3 4-Nitrophenol

R.T.: 6.987 min  
Delta R.T.: -0.002 min  
Response: 492802659  
Conc: 472.02 ng/ml



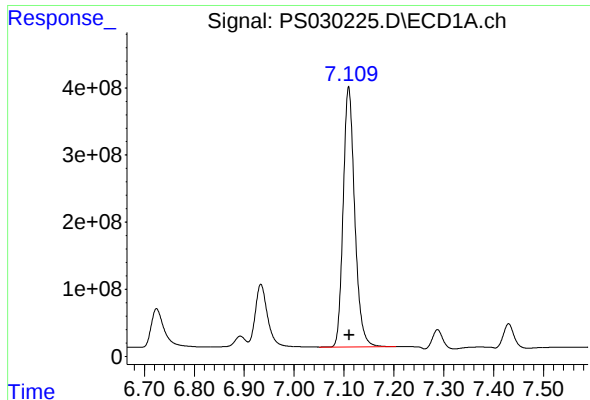
#4 2,4-DCAA

R.T.: 6.933 min  
Delta R.T.: 0.000 min  
Response: 1617873715  
Conc: 568.11 ng/ml



#4 2,4-DCAA

R.T.: 7.452 min  
Delta R.T.: -0.002 min  
Response: 456331206  
Conc: 570.27 ng/ml



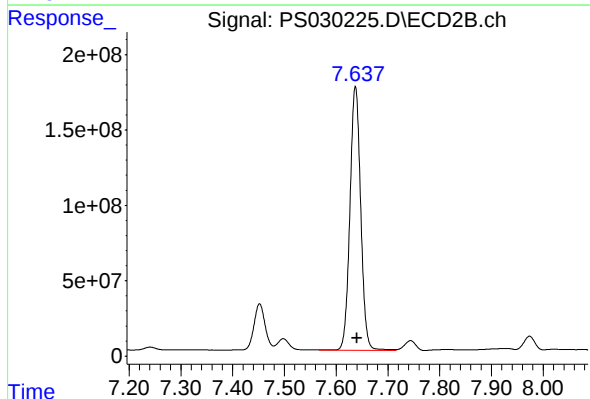
#5 DICAMBA

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 6230939283  
Conc: 539.13 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB167976BS

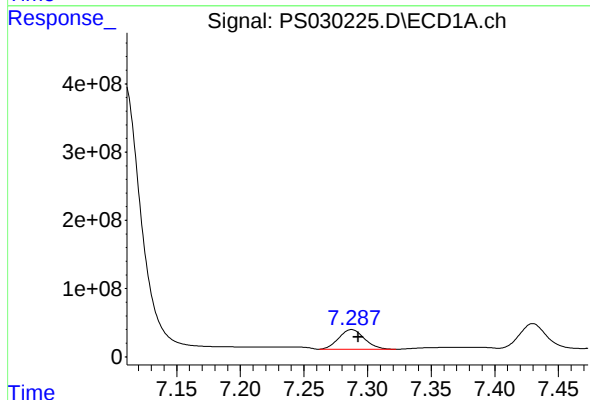
Manual Integrations  
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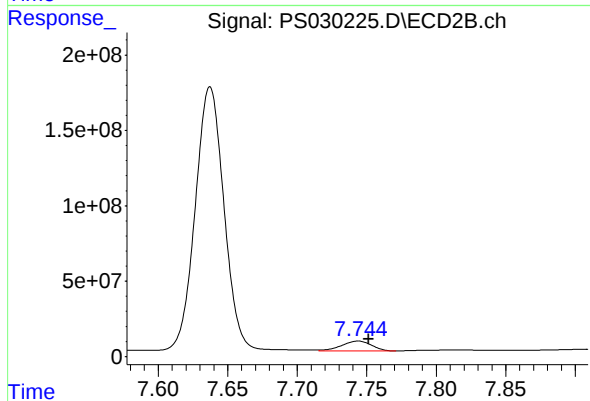
#5 DICAMBA

R.T.: 7.637 min  
Delta R.T.: -0.003 min  
Response: 2535332893  
Conc: 536.24 ng/ml



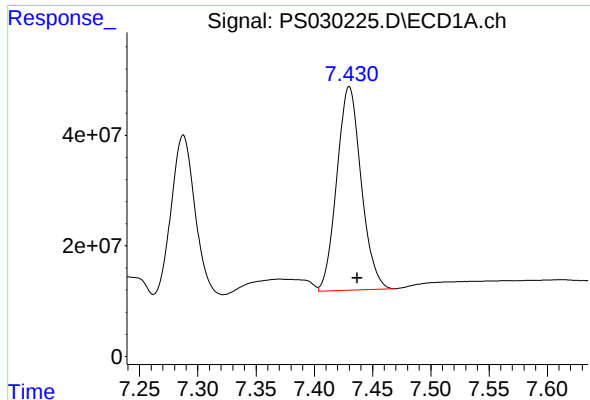
#6 MCPP

R.T.: 7.288 min  
Delta R.T.: -0.005 min  
Response: 401589853  
Conc: 55.14 ug/ml



#6 MCPP

R.T.: 7.744 min  
Delta R.T.: -0.007 min  
Response: 99000679  
Conc: 53.81 ug/ml



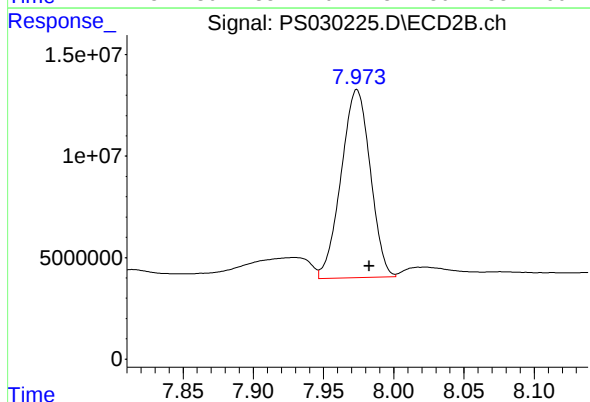
#7 MCPA

R.T.: 7.430 min  
Delta R.T.: -0.007 min  
Response: 535682833  
Conc: 51.60 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB167976BS

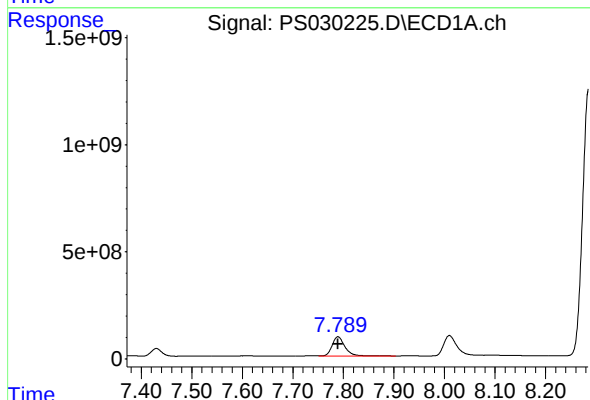
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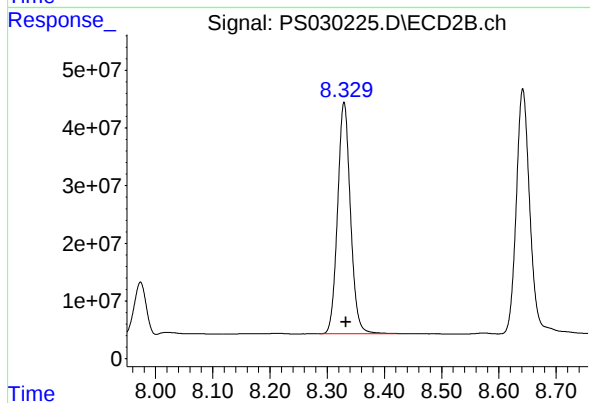
#7 MCPA

R.T.: 7.974 min  
Delta R.T.: -0.009 min  
Response: 133912991  
Conc: 50.77 ug/ml



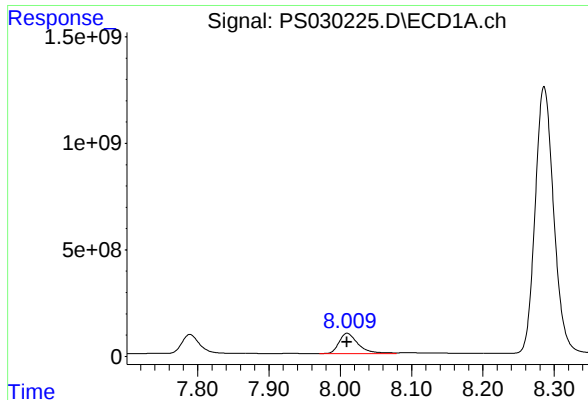
#8 DICHLORPROP

R.T.: 7.789 min  
Delta R.T.: 0.000 min  
Response: 1565913275  
Conc: 536.02 ng/ml



#8 DICHLORPROP

R.T.: 8.329 min  
Delta R.T.: -0.003 min  
Response: 628939535  
Conc: 532.35 ng/ml



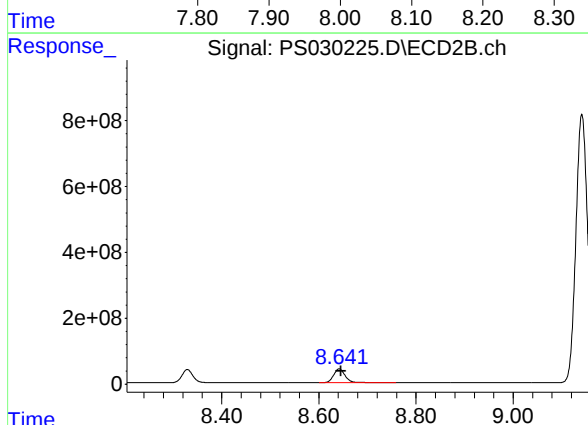
#9 2,4-D

R.T.: 8.010 min  
Delta R.T.: 0.000 min  
Response: 1762305478  
Conc: 537.46 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB167976BS

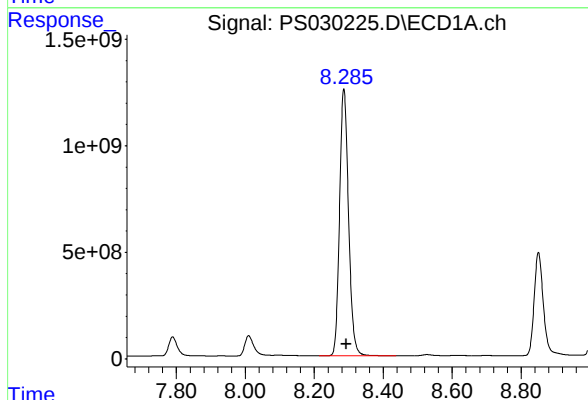
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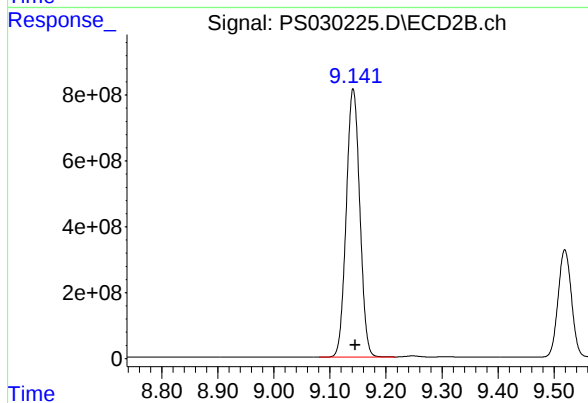
#9 2,4-D

R.T.: 8.642 min  
Delta R.T.: -0.003 min  
Response: 703562178  
Conc: 545.19 ng/ml



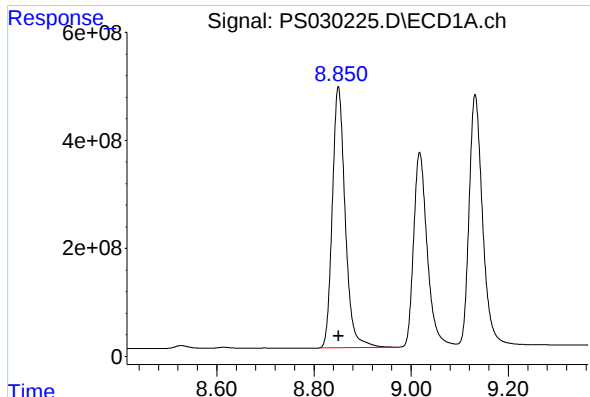
#10 Pentachlorophenol

R.T.: 8.286 min  
Delta R.T.: -0.007 min  
Response: 22610244826  
Conc: 558.27 ng/ml



#10 Pentachlorophenol

R.T.: 9.141 min  
Delta R.T.: -0.004 min  
Response: 13693948504  
Conc: 554.75 ng/ml



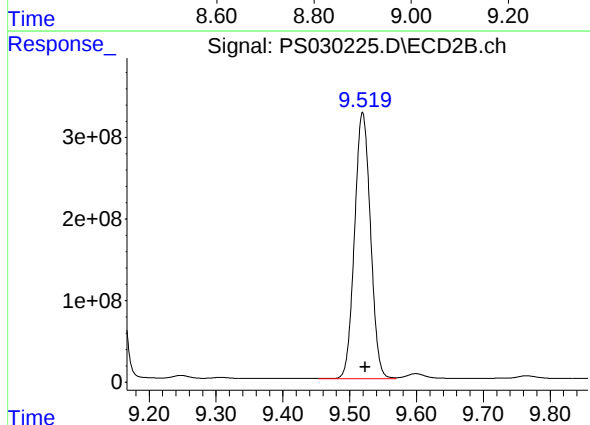
#11 2,4,5-TP (SILVEX)

R.T.: 8.850 min  
Delta R.T.: 0.000 min  
Response: 8915165464  
Conc: 550.46 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB167976BS

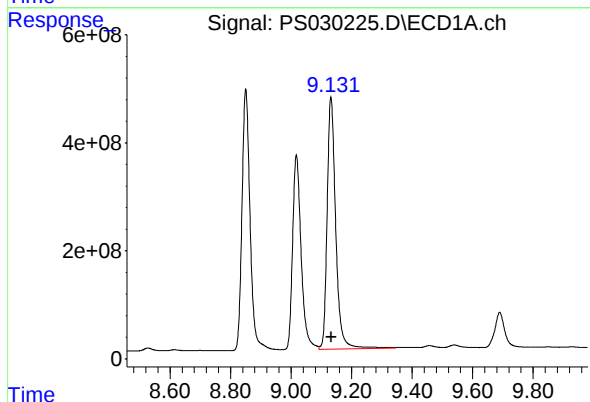
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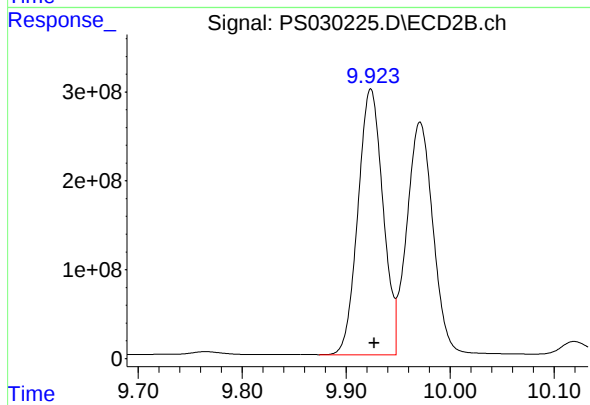
#11 2,4,5-TP (SILVEX)

R.T.: 9.519 min  
Delta R.T.: -0.004 min  
Response: 5401362797  
Conc: 548.34 ng/ml



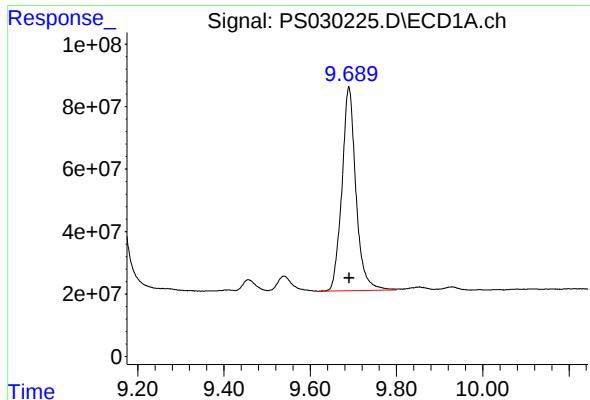
#12 2,4,5-T

R.T.: 9.132 min  
Delta R.T.: -0.001 min  
Response: 9212109604  
Conc: 557.80 ng/ml



#12 2,4,5-T

R.T.: 9.924 min  
Delta R.T.: -0.003 min  
Response: 4999432089  
Conc: 543.20 ng/ml



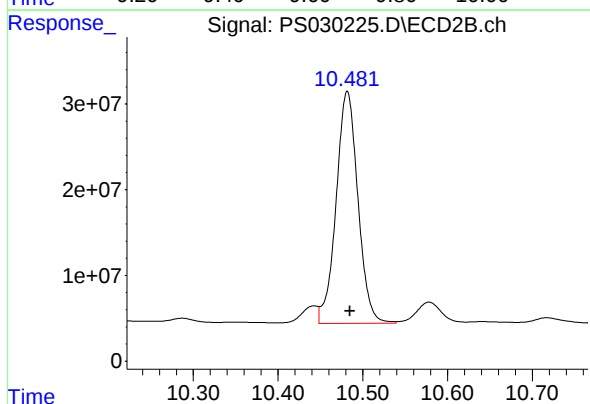
#13 2,4-DB

R.T.: 9.690 min  
Delta R.T.: 0.000 min  
Response: 1474666723  
Conc: 565.06 ng/ml

Instrument :  
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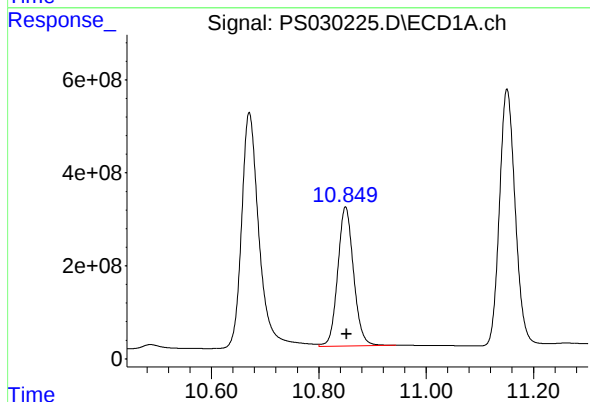
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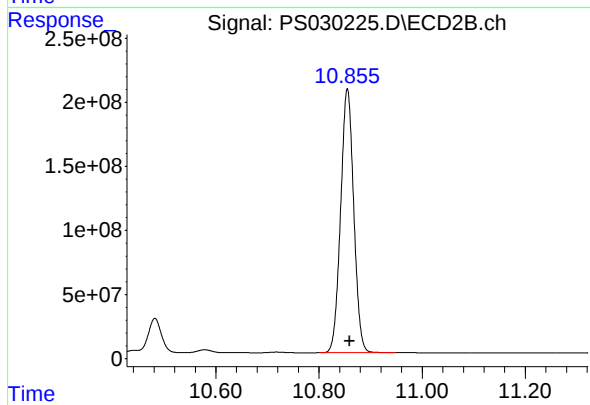
#13 2,4-DB

R.T.: 10.482 min  
Delta R.T.: -0.003 min  
Response: 483820613  
Conc: 487.54 ng/ml



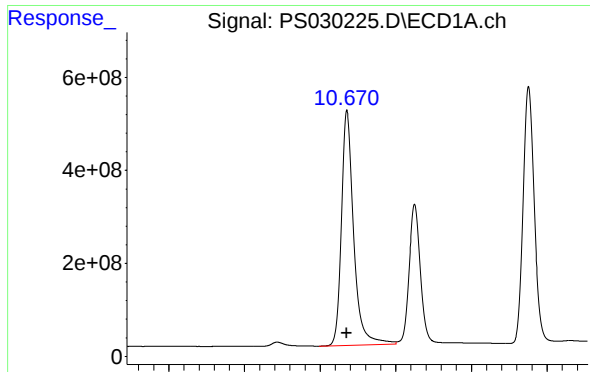
#14 DINOSEB

R.T.: 10.850 min  
Delta R.T.: -0.002 min  
Response: 6147906953  
Conc: 537.58 ng/ml



#14 DINOSEB

R.T.: 10.855 min  
Delta R.T.: -0.004 min  
Response: 3636014774  
Conc: 532.20 ng/ml



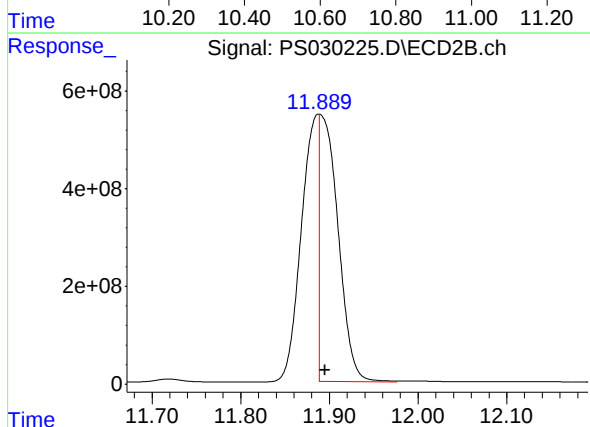
#15 Picloram

R.T.: 10.671 min  
Delta R.T.: 0.000 min  
Response: 11443644894  
Conc: 535.08 ng/ml

Instrument :  
ECD\_S  
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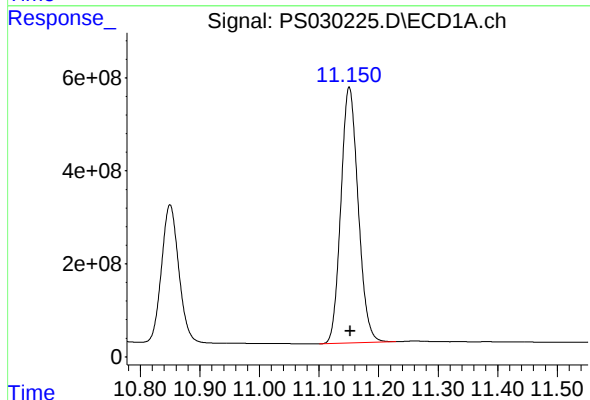
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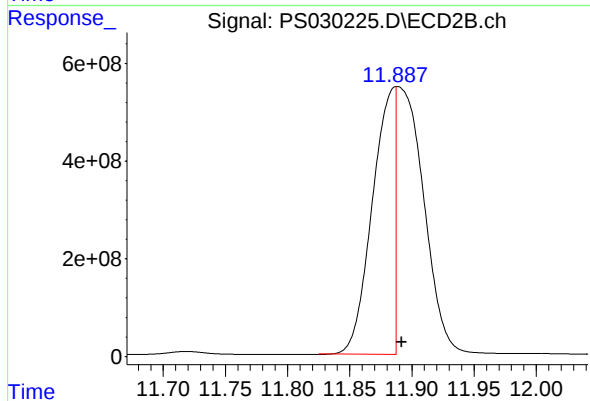
#15 Picloram

R.T.: 11.889 min  
Delta R.T.: -0.006 min  
Response: 7890907542  
Conc: 560.71 ng/ml m



#16 DCPA

R.T.: 11.151 min  
Delta R.T.: -0.002 min  
Response: 11103567936  
Conc: 557.65 ng/ml



#16 DCPA

R.T.: 11.887 min  
Delta R.T.: -0.005 min  
Response: 6829229085  
Conc: 505.48 ng/ml m