

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS042125\  
 Data File : PS029874.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Apr 2025 14:45  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/22/2025  
 Supervised By : mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 21 22:42:36 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     | 6.944  | 7.467  | 1349.9E6  | 448.4E6   | 662.102 | 658.017  |
| Target Compounds            |              |        |        |           |           |         |          |
| 1) T                        | Dalapon      | 2.451  | 2.524  | 2333.3E6  | 947.9E6   | 687.808 | 597.073  |
| 2) T                        | 3,5-DICHL... | 6.148  | 6.462  | 2021.9E6  | 578.3E6   | 672.242 | 598.922  |
| 3) T                        | 4-Nitroph... | 6.734  | 7.001  | 955.2E6   | 433.3E6   | 679.920 | 611.163  |
| 5) T                        | DICAMBA      | 7.121  | 7.654  | 5657.1E6  | 2366.1E6  | 679.783 | 640.641  |
| 6) T                        | MCPD         | 7.299  | 7.760  | 345.6E6   | 93748687  | 63.774  | 55.523   |
| 7) T                        | MCPA         | 7.441  | 7.991  | 462.4E6   | 124.3E6   | 63.610m | 54.630   |
| 8) T                        | DICHLORPROP  | 7.802  | 8.348  | 1370.9E6  | 593.6E6   | 623.286 | 614.384m |
| 9) T                        | 2,4-D        | 8.022  | 8.662  | 1629.5E6  | 667.0E6   | 676.235 | 618.504  |
| 10) T                       | Pentachlo... | 8.301  | 9.164  | 19870.0E6 | 12495.3E6 | 653.510 | 696.984  |
| 11) T                       | 2,4,5-TP ... | 8.866  | 9.543  | 7800.7E6  | 4919.9E6  | 671.588 | 682.096  |
| 12) T                       | 2,4,5-T      | 9.148  | 9.948  | 7959.0E6  | 4646.4E6  | 691.817 | 693.193  |
| 13) T                       | 2,4-DB       | 9.707  | 10.507 | 1349.3E6  | 474.0E6   | 742.721 | 638.817  |
| 14) T                       | DINOSEB      | 10.873 | 10.882 | 5567.9E6  | 3383.5E6  | 659.545 | 661.768  |
| 15) T                       | Picloram     | 10.689 | 11.922 | 10429.5E6 | 7569.8E6  | 672.852 | 640.184m |
| 16) T                       | DCPA         | 11.173 | 11.919 | 9619.8E6  | 6665.8E6  | 688.798 | 753.137m |
| -----                       |              |        |        |           |           |         |          |

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

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Data File : PS029874.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Apr 2025 14:45  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

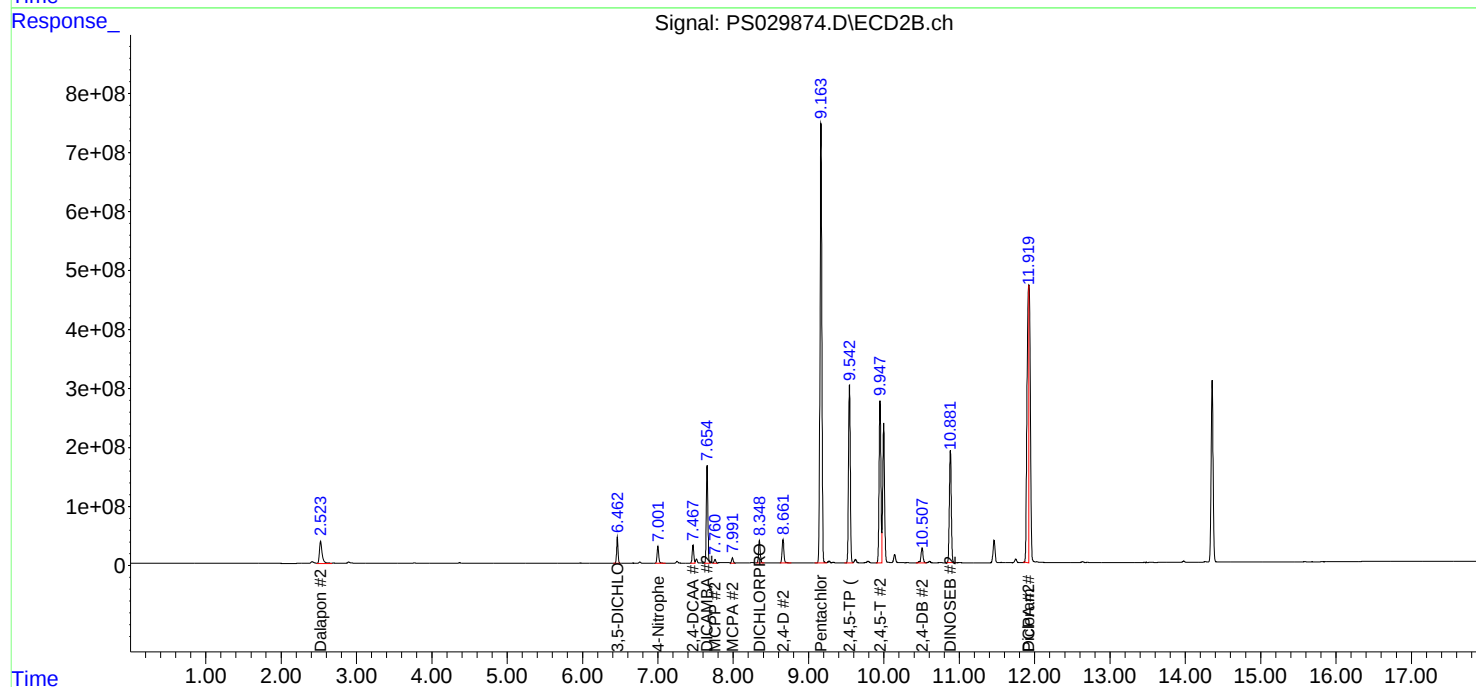
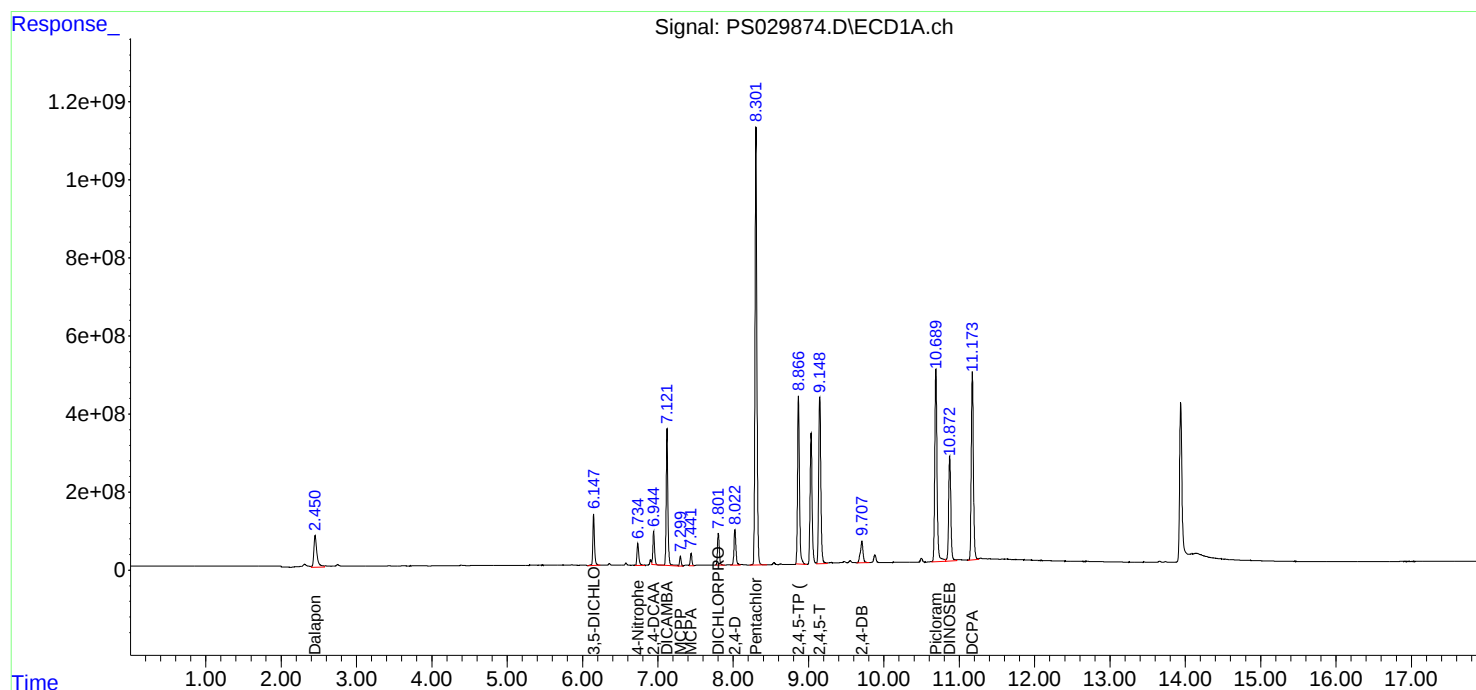
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

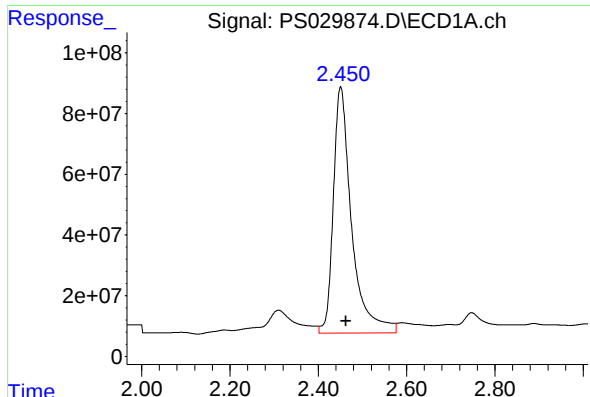
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 21 22:42:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS040225.M  
Quant Title : 8080.M  
QLast Update : Wed Apr 02 23:52:55 2025  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





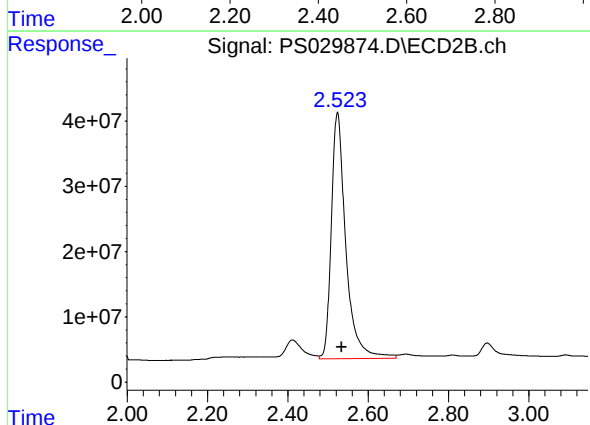
#1 Dalapon

R.T.: 2.451 min  
Delta R.T.: -0.012 min  
Response: 2333317606  
Conc: 687.81 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

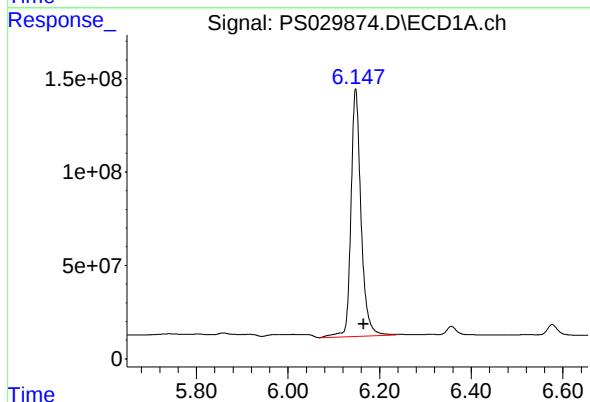
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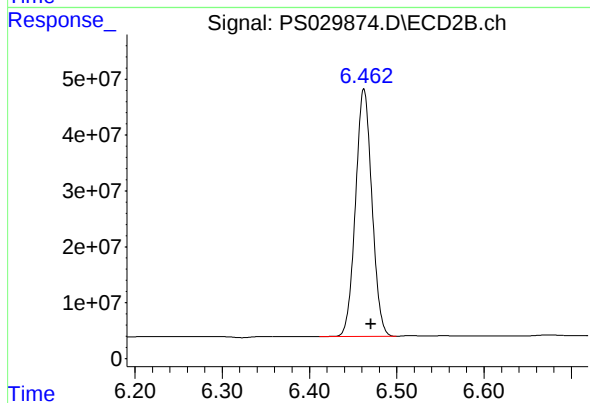
#1 Dalapon

R.T.: 2.524 min  
Delta R.T.: -0.010 min  
Response: 947910562  
Conc: 597.07 ng/ml



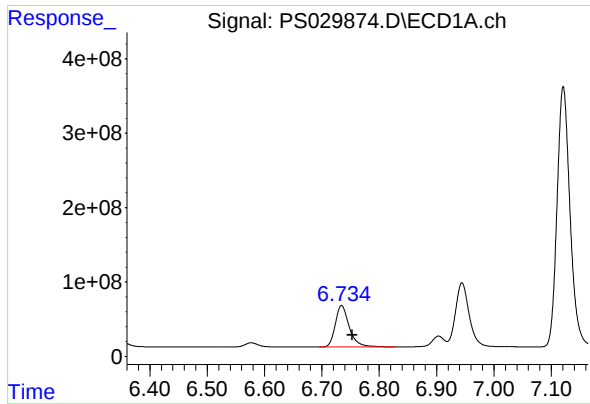
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.148 min  
Delta R.T.: -0.017 min  
Response: 2021941611  
Conc: 672.24 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.462 min  
Delta R.T.: -0.008 min  
Response: 578292990  
Conc: 598.92 ng/ml



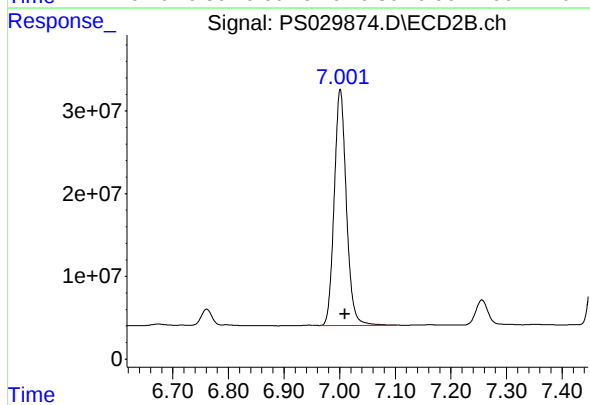
#3 4-Nitrophenol

R.T.: 6.734 min  
Delta R.T.: -0.019 min  
Response: 955151186  
Conc: 679.92 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

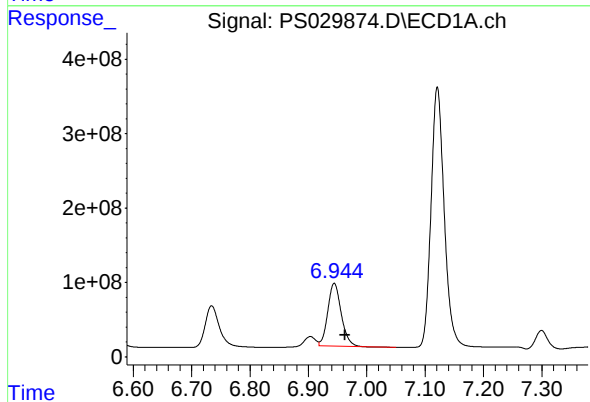
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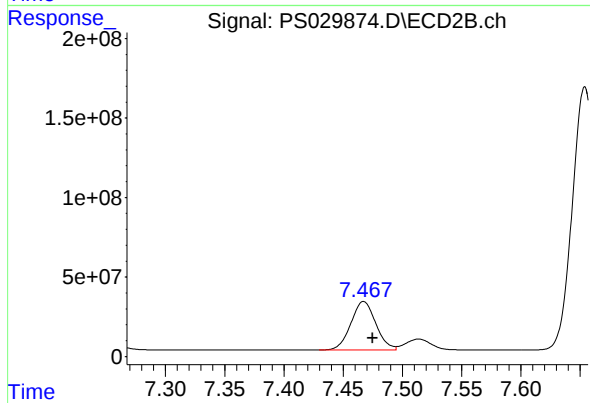
#3 4-Nitrophenol

R.T.: 7.001 min  
Delta R.T.: -0.008 min  
Response: 433313722  
Conc: 611.16 ng/ml



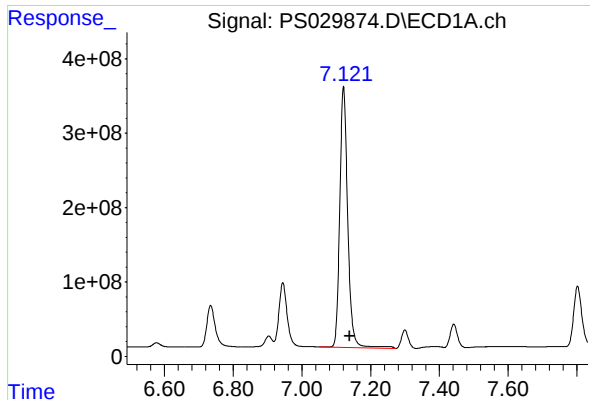
#4 2,4-DCAA

R.T.: 6.944 min  
Delta R.T.: -0.018 min  
Response: 1349914618  
Conc: 662.10 ng/ml



#4 2,4-DCAA

R.T.: 7.467 min  
Delta R.T.: -0.008 min  
Response: 448447310  
Conc: 658.02 ng/ml



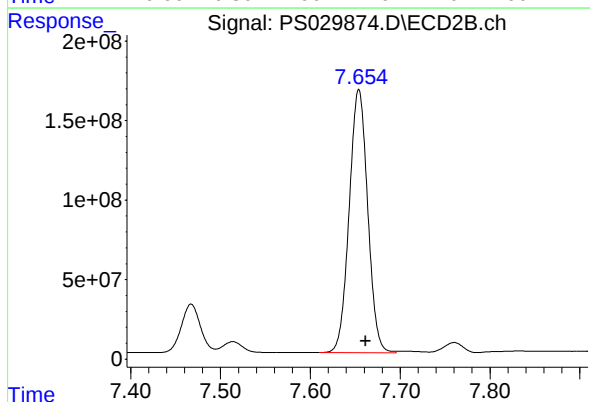
#5 DICAMBA

R.T.: 7.121 min  
Delta R.T.: -0.019 min  
Response: 5657112271  
Conc: 679.78 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

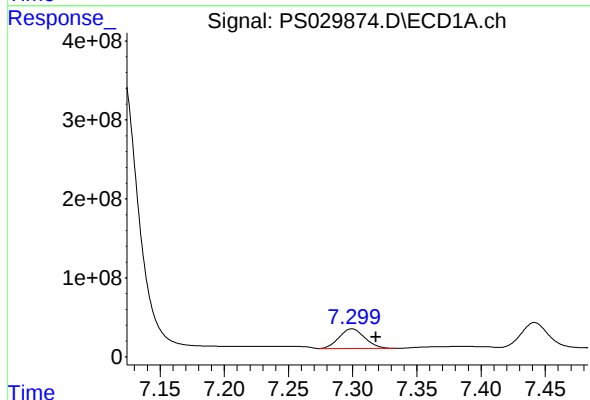
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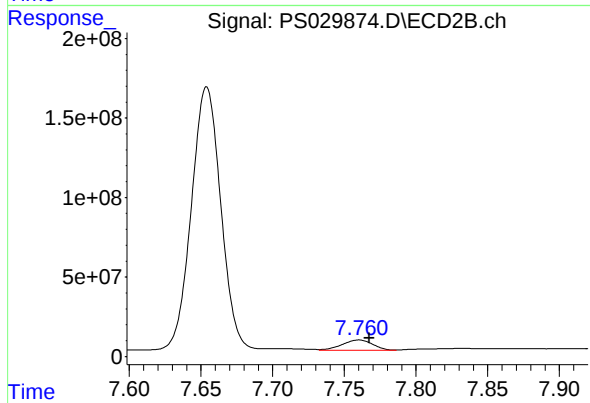
#5 DICAMBA

R.T.: 7.654 min  
Delta R.T.: -0.008 min  
Response: 2366123237  
Conc: 640.64 ng/ml



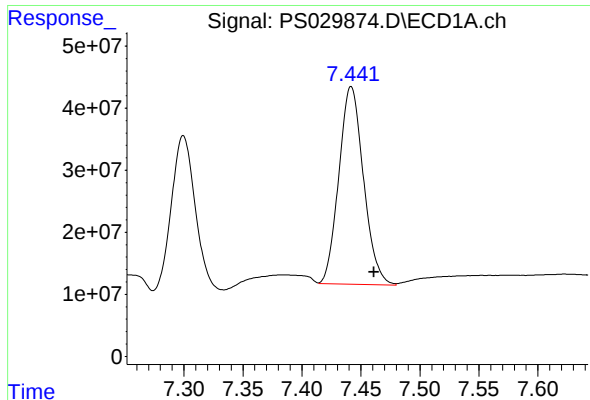
#6 MCPP

R.T.: 7.299 min  
Delta R.T.: -0.019 min  
Response: 345649005  
Conc: 63.77 ug/ml



#6 MCPP

R.T.: 7.760 min  
Delta R.T.: -0.007 min  
Response: 93748687  
Conc: 55.52 ug/ml



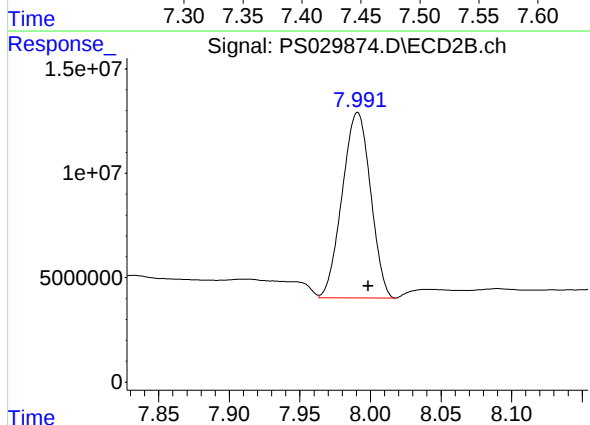
#7 MCPA

R.T.: 7.441 min  
Delta R.T.: -0.020 min  
Response: 462381432  
Conc: 63.61 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

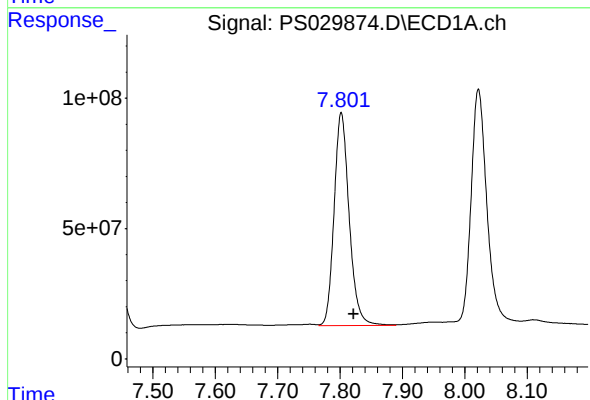
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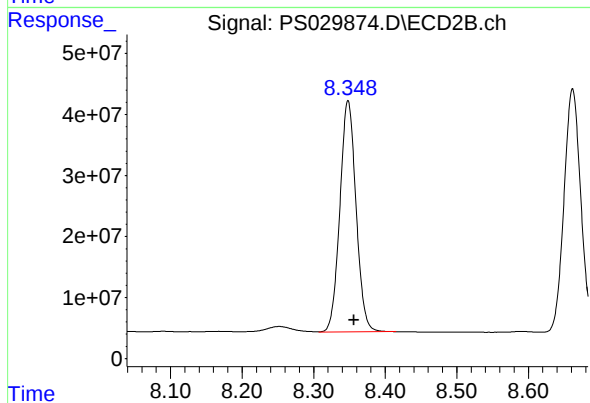
#7 MCPA

R.T.: 7.991 min  
Delta R.T.: -0.008 min  
Response: 124298653  
Conc: 54.63 ug/ml



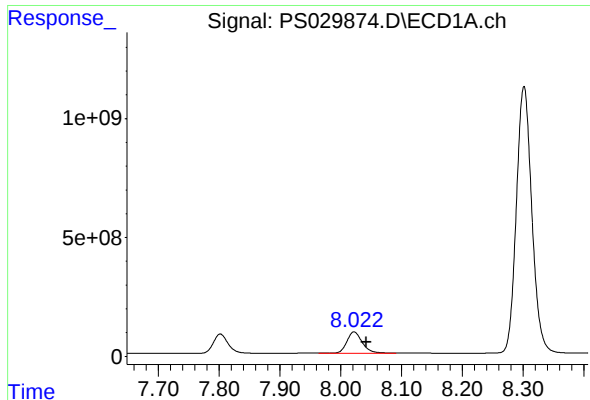
#8 DICHLORPROP

R.T.: 7.802 min  
Delta R.T.: -0.020 min  
Response: 1370879842  
Conc: 623.29 ng/ml



#8 DICHLORPROP

R.T.: 8.348 min  
Delta R.T.: -0.009 min  
Response: 593588582  
Conc: 614.38 ng/ml m



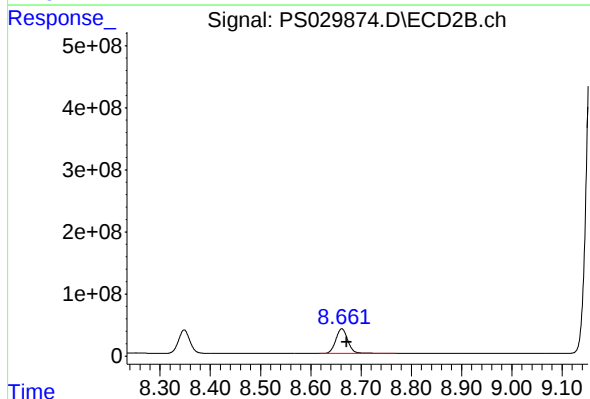
#9 2,4-D

R.T.: 8.022 min  
Delta R.T.: -0.020 min  
Response: 1629450116  
Conc: 676.24 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

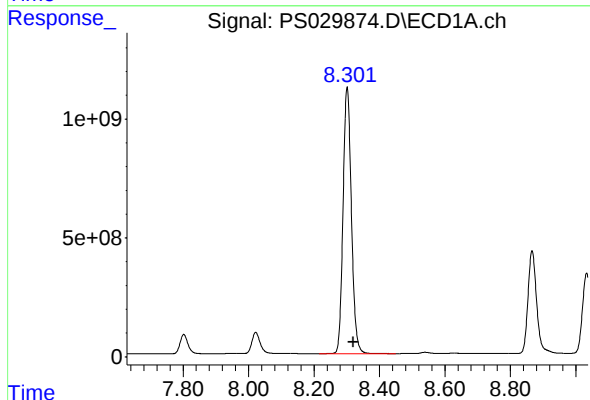
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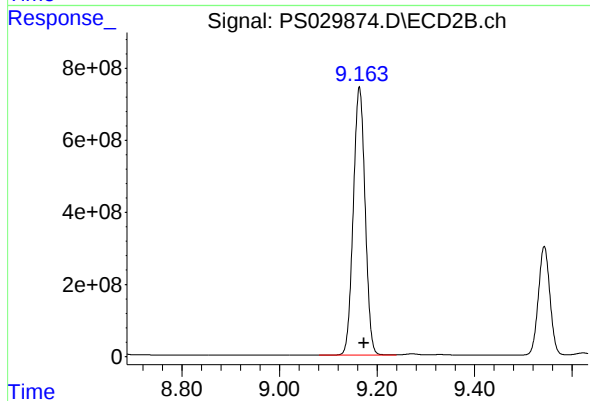
#9 2,4-D

R.T.: 8.662 min  
Delta R.T.: -0.009 min  
Response: 667035092  
Conc: 618.50 ng/ml



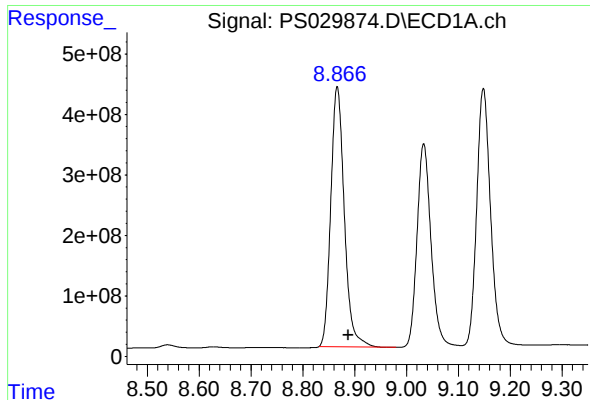
#10 Pentachlorophenol

R.T.: 8.301 min  
Delta R.T.: -0.019 min  
Response: 19869976549  
Conc: 653.51 ng/ml



#10 Pentachlorophenol

R.T.: 9.164 min  
Delta R.T.: -0.009 min  
Response: 12495330574  
Conc: 696.98 ng/ml



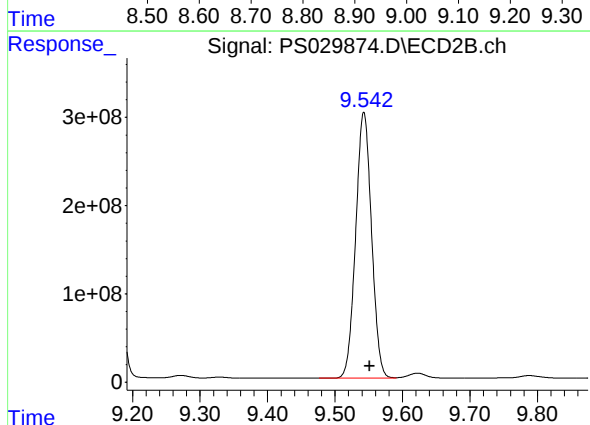
#11 2,4,5-TP (SILVEX)

R.T.: 8.866 min  
Delta R.T.: -0.021 min  
Response: 7800728679  
Conc: 671.59 ng/ml

Instrument :  
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ClientSampleId :  
HSTDCCC750

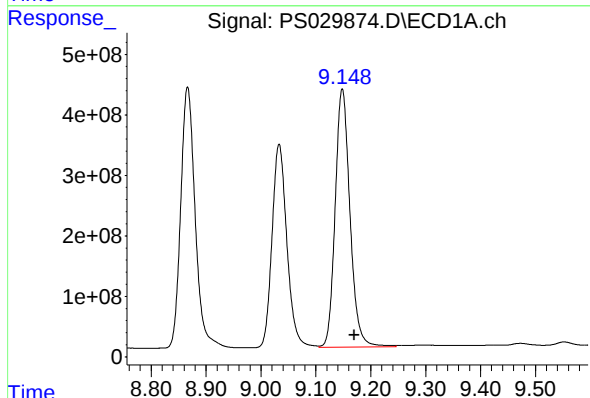
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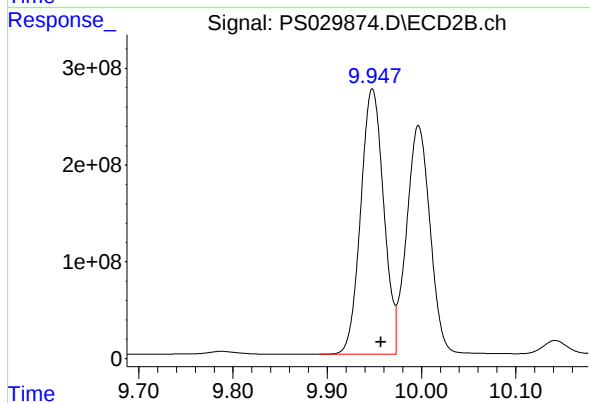
#11 2,4,5-TP (SILVEX)

R.T.: 9.543 min  
Delta R.T.: -0.009 min  
Response: 4919930755  
Conc: 682.10 ng/ml



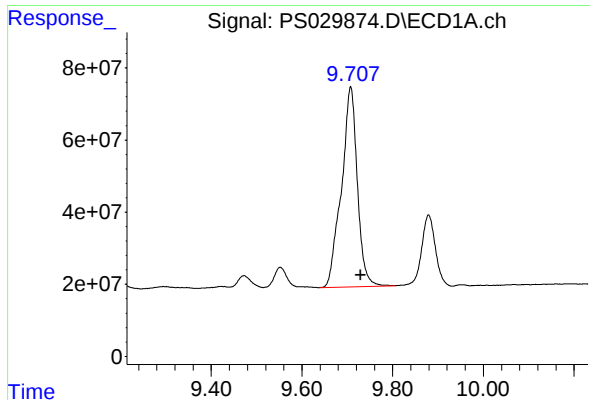
#12 2,4,5-T

R.T.: 9.148 min  
Delta R.T.: -0.022 min  
Response: 7958959979  
Conc: 691.82 ng/ml



#12 2,4,5-T

R.T.: 9.948 min  
Delta R.T.: -0.009 min  
Response: 4646361613  
Conc: 693.19 ng/ml



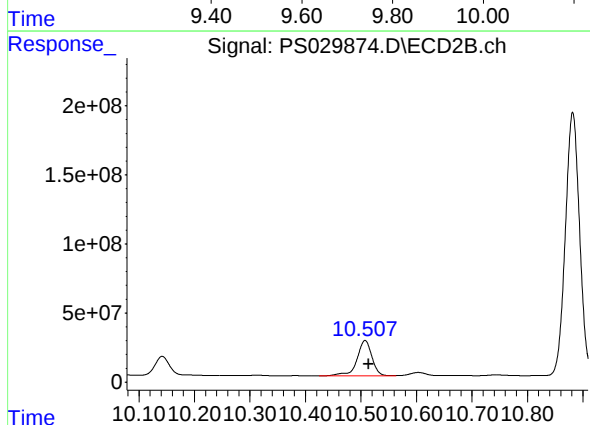
#13 2,4-DB

R.T.: 9.707 min  
Delta R.T.: -0.022 min  
Response: 1349333730  
Conc: 742.72 ng/ml

Instrument :  
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HSTDCCC750

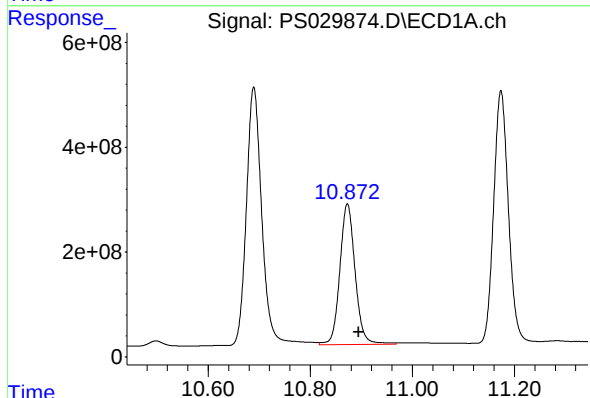
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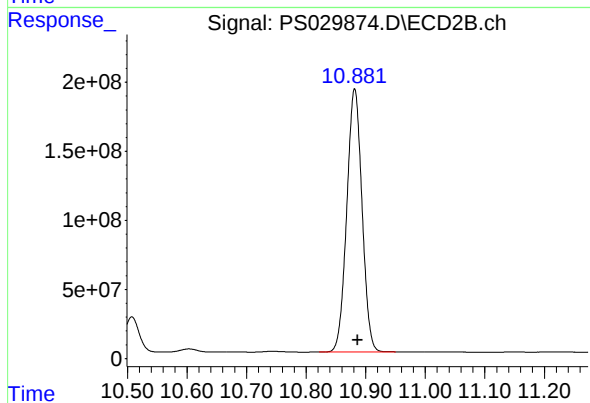
#13 2,4-DB

R.T.: 10.507 min  
Delta R.T.: -0.006 min  
Response: 473986273  
Conc: 638.82 ng/ml



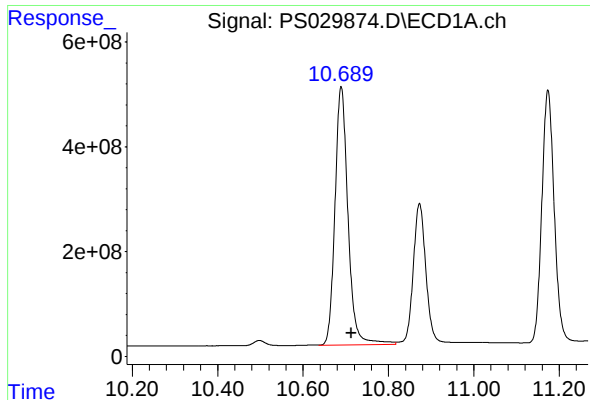
#14 DINOSEB

R.T.: 10.873 min  
Delta R.T.: -0.022 min  
Response: 5567908771  
Conc: 659.55 ng/ml



#14 DINOSEB

R.T.: 10.882 min  
Delta R.T.: -0.005 min  
Response: 3383489866  
Conc: 661.77 ng/ml



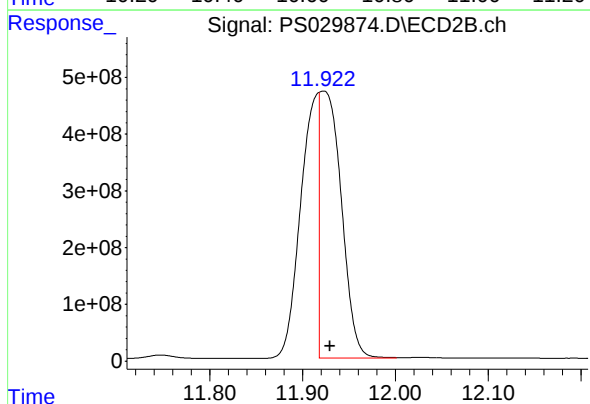
#15 Picloram

R.T.: 10.689 min  
Delta R.T.: -0.024 min  
Response: 10429470633  
Conc: 672.85 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

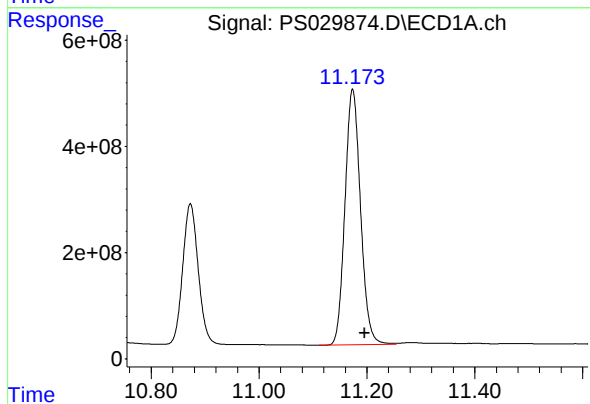
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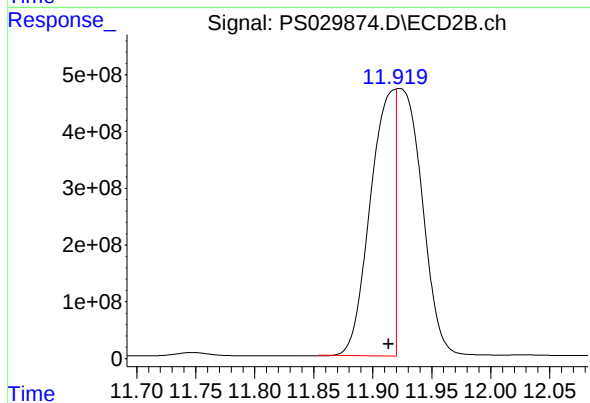
#15 Picloram

R.T.: 11.922 min  
Delta R.T.: -0.008 min  
Response: 7569812105  
Conc: 640.18 ng/ml m



#16 DCPA

R.T.: 11.173 min  
Delta R.T.: -0.022 min  
Response: 9619833358  
Conc: 688.80 ng/ml



#16 DCPA

R.T.: 11.919 min  
Delta R.T.: 0.006 min  
Response: 6665763363  
Conc: 753.14 ng/ml m