

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS120425\  
 Data File : PS032620.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Dec 2025 21:50  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/05/2025  
 Supervised By :mohammad ahmed 12/08/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 05 00:49:17 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS120325.M  
 Quant Title : 8080.M  
 QLast Update : Wed Dec 03 13:46:29 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     | 7.009  | 7.376  | 3699.0E6  | 3518.4E6  | 669.674m | 656.270m |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.478  | 2.455  | 5178.9E6  | 4519.1E6  | 611.608  | 619.147  |
| 2) T                        | 3,5-DICHL... | 6.203  | 6.370  | 4782.1E6  | 3954.1E6  | 644.733m | 647.292  |
| 3) T                        | 4-Nitroph... | 6.834f | 6.946  | 950.9E6   | 1530.6E6  | 757.958m | 640.703m |
| 5) T                        | DICAMBA      | 7.185  | 7.568  | 14370.0E6 | 12731.0E6 | 646.763  | 641.685m |
| 6) T                        | MCPD         | 7.360  | 7.670  | 942.3E6   | 870.4E6   | 74.730m  | 64.933m  |
| 7) T                        | MCPA         | 7.509  | 7.916  | 1077.9E6  | 1009.4E6  | 66.662   | 60.789   |
| 8) T                        | DICHLORPROP  | 7.878  | 8.273  | 3475.5E6  | 3099.5E6  | 644.832  | 623.921  |
| 9) T                        | 2,4-D        | 8.114  | 8.609  | 4162.8E6  | 3243.8E6  | 681.799m | 577.559  |
| 10) T                       | Pentachlo... | 8.371  | 9.077  | 48014.9E6 | 39987.4E6 | 654.845m | 654.479  |
| 11) T                       | 2,4,5-TP ... | 8.958  | 9.478  | 21585.7E6 | 17766.7E6 | 645.999  | 619.296  |
| 12) T                       | 2,4,5-T      | 9.253  | 9.904  | 24358.1E6 | 17288.8E6 | 579.373  | 619.091  |
| 13) T                       | 2,4-DB       | 9.816  | 10.462 | 2573.3E6  | 2762.1E6  | 825.000m | 678.064  |
| 14) T                       | DINOSEB      | 10.993 | 10.847 | 16616.9E6 | 10950.4E6 | 602.581m | 605.511m |
| 15) T                       | Picloram     | 10.835 | 11.964 | 29499.7E6 | 22312.8E6 | 749.778  | 619.859  |
| 16) T                       | DCPA         | 11.284 | 11.853 | 26205.7E6 | 20631.8E6 | 654.050  | 606.420  |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS120425\  
Data File : PS032620.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Dec 2025 21:50  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

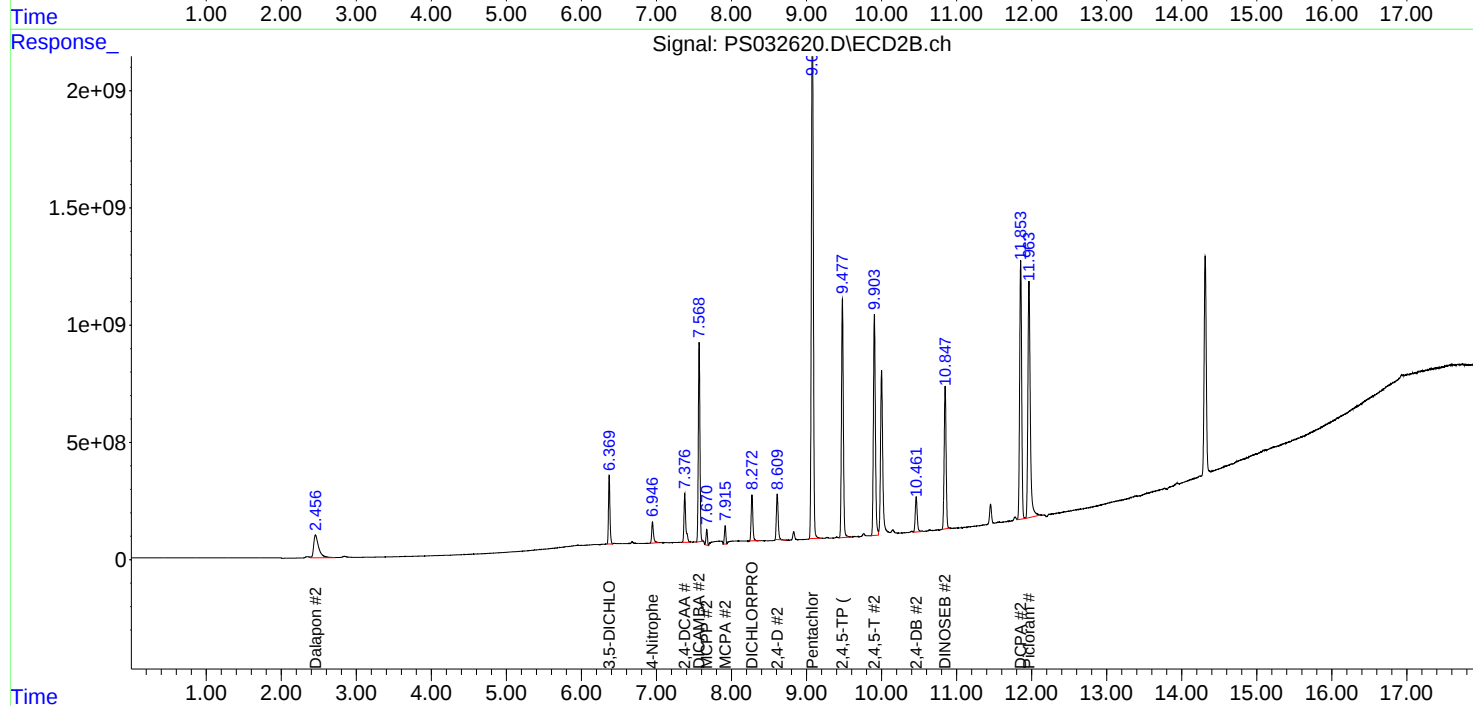
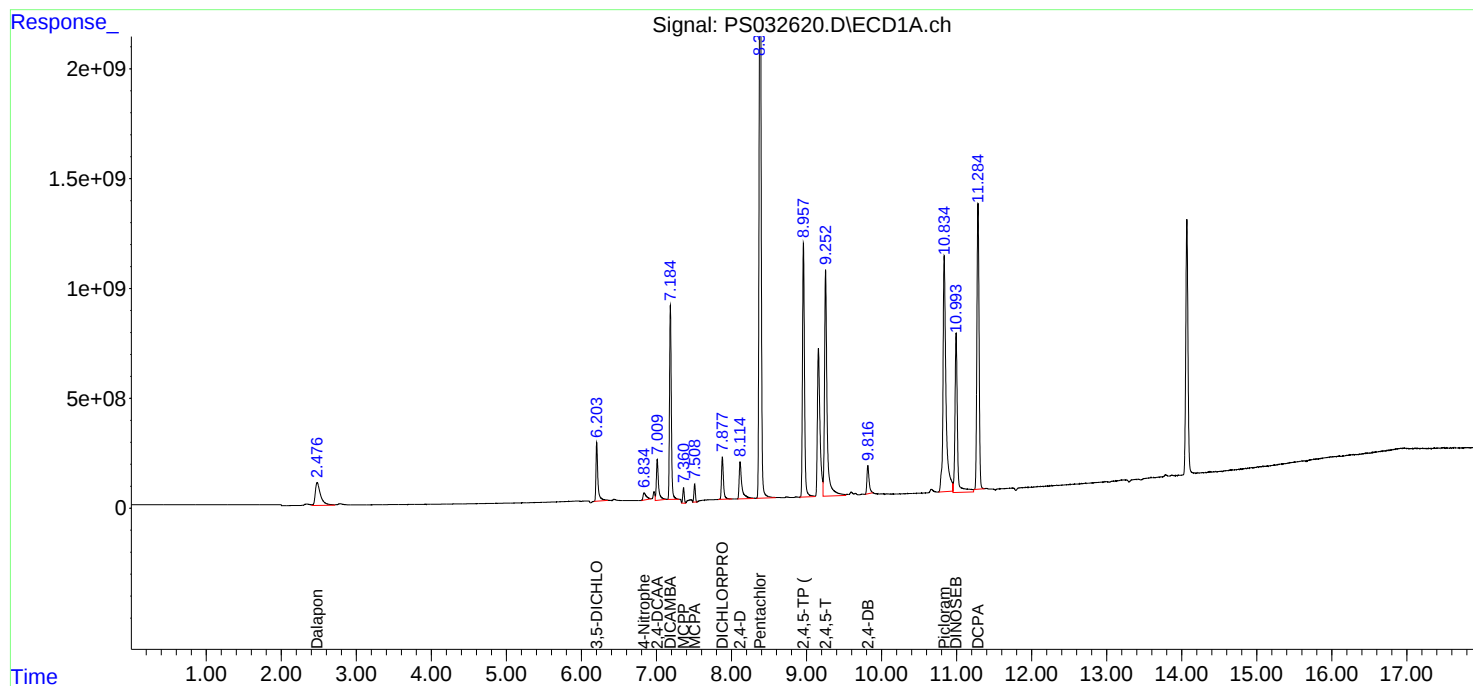
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

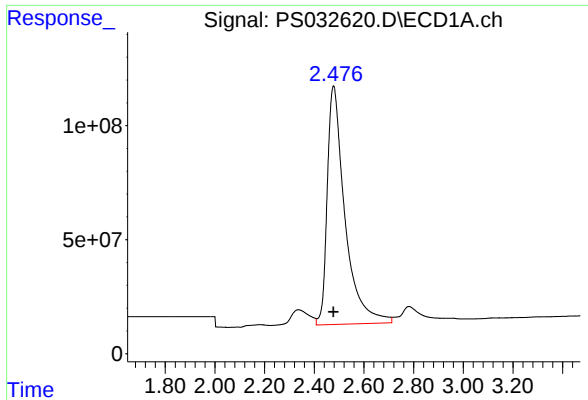
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





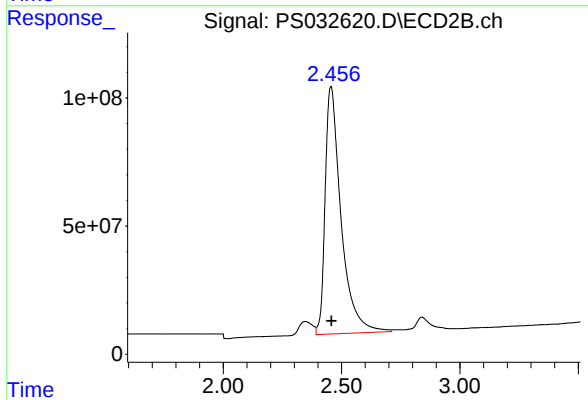
#1 Dalapon

R.T.: 2.478 min  
Delta R.T.: 0.000 min  
Response: 5178886404  
Conc: 611.61 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

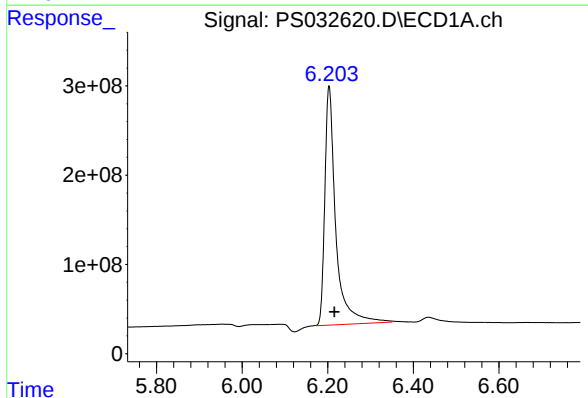
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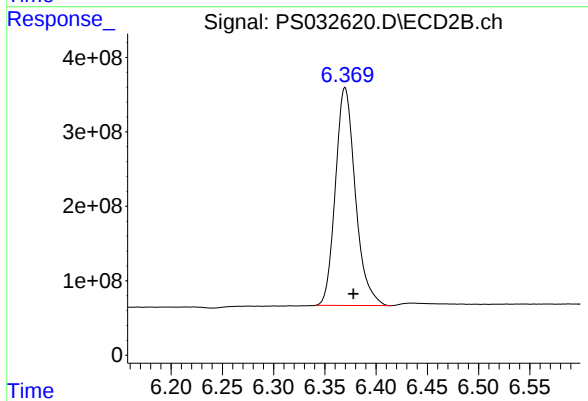
#1 Dalapon

R.T.: 2.455 min  
Delta R.T.: -0.001 min  
Response: 4519116880  
Conc: 619.15 ng/ml



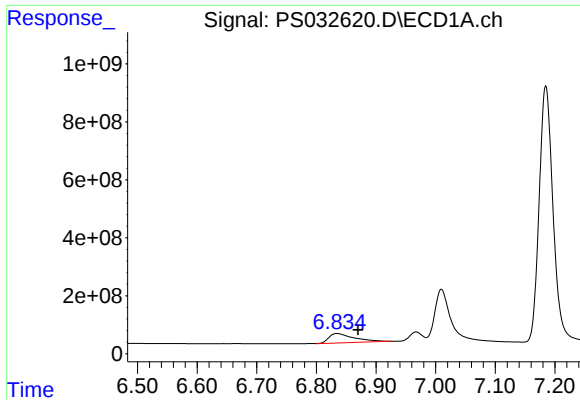
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.203 min  
Delta R.T.: -0.013 min  
Response: 4782098195  
Conc: 644.73 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.370 min  
Delta R.T.: -0.008 min  
Response: 3954075849  
Conc: 647.29 ng/ml



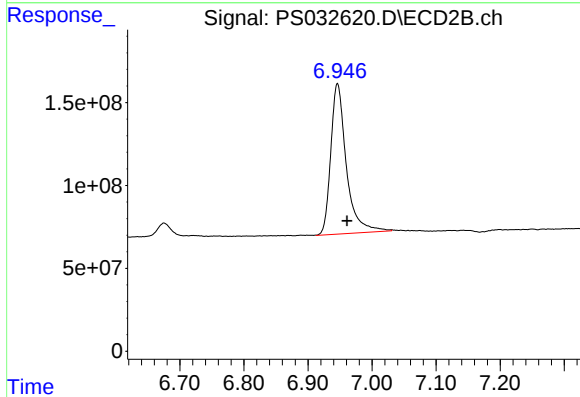
#3 4-Nitrophenol

R.T.: 6.834 min  
Delta R.T.: -0.036 min  
Response: 950936283  
Conc: 757.96 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

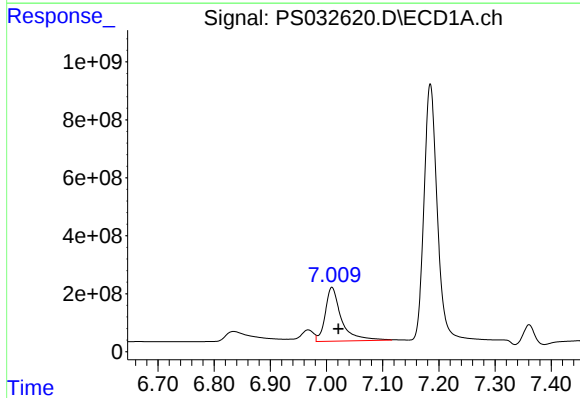
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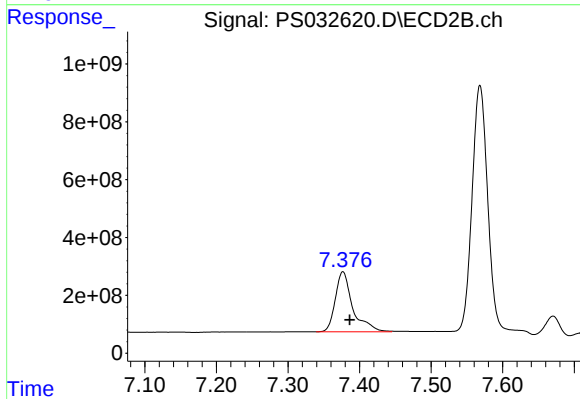
#3 4-Nitrophenol

R.T.: 6.946 min  
Delta R.T.: -0.015 min  
Response: 1530584939  
Conc: 640.70 ng/ml m



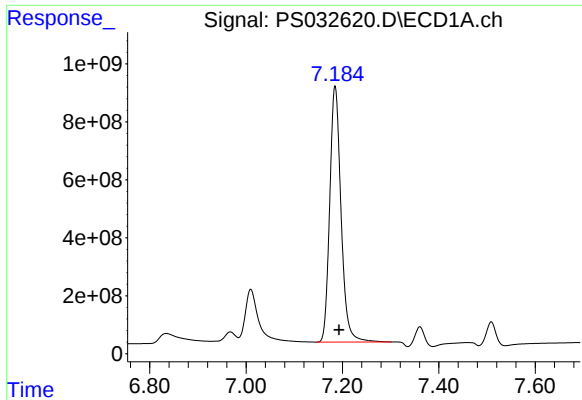
#4 2,4-DCAA

R.T.: 7.009 min  
Delta R.T.: -0.012 min  
Response: 3699045701  
Conc: 669.67 ng/ml m



#4 2,4-DCAA

R.T.: 7.376 min  
Delta R.T.: -0.010 min  
Response: 3518404580  
Conc: 656.27 ng/ml m



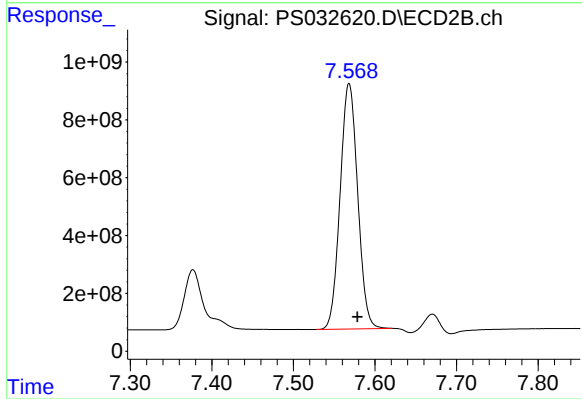
#5 DICAMBA

R.T.: 7.185 min  
Delta R.T.: -0.008 min  
Response: 14370005404  
Conc: 646.76 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

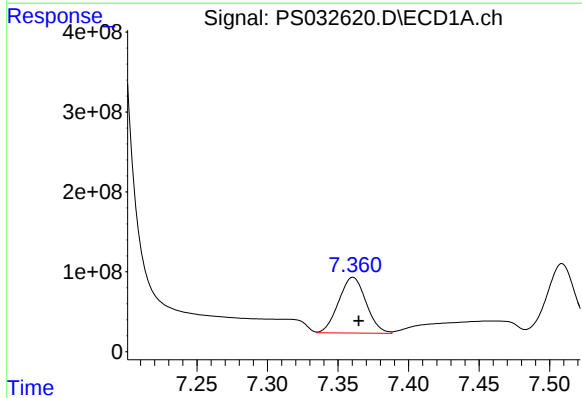
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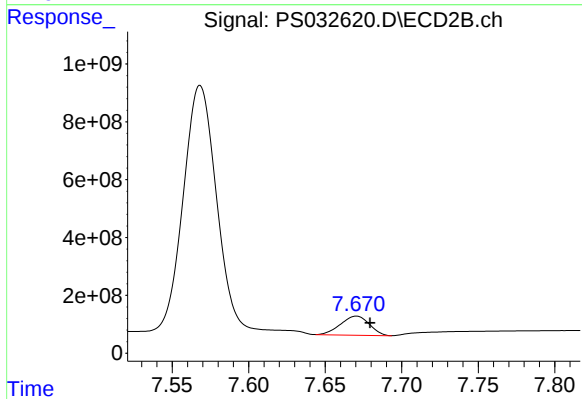
#5 DICAMBA

R.T.: 7.568 min  
Delta R.T.: -0.011 min  
Response: 12730953044  
Conc: 641.69 ng/ml m



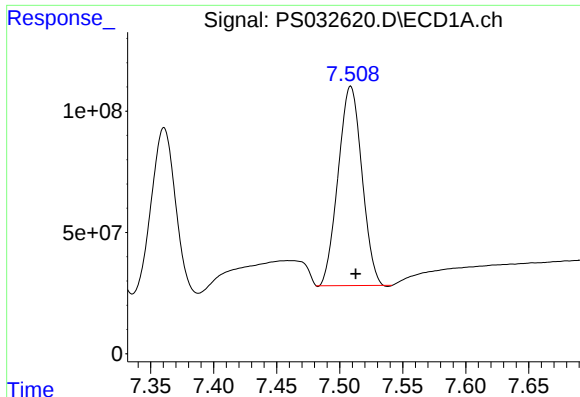
#6 MCPP

R.T.: 7.360 min  
Delta R.T.: -0.005 min  
Response: 942298160  
Conc: 74.73 ug/ml m



#6 MCPP

R.T.: 7.670 min  
Delta R.T.: -0.009 min  
Response: 870384006  
Conc: 64.93 ug/ml m



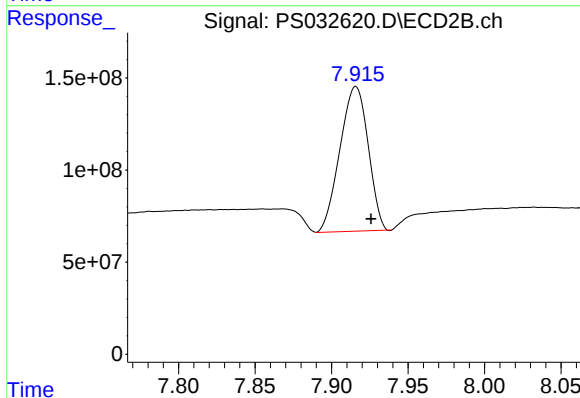
#7 MCPA

R.T.: 7.509 min  
Delta R.T.: -0.004 min  
Response: 1077897420  
Conc: 66.66 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

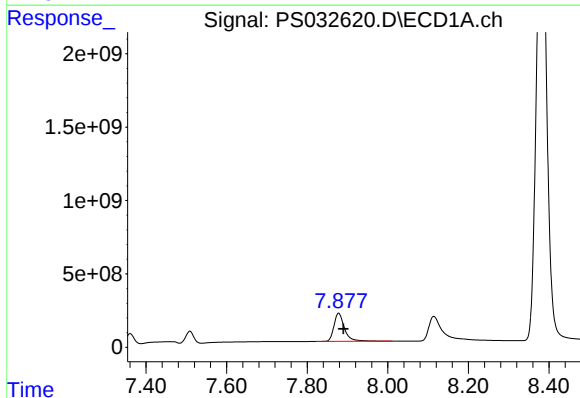
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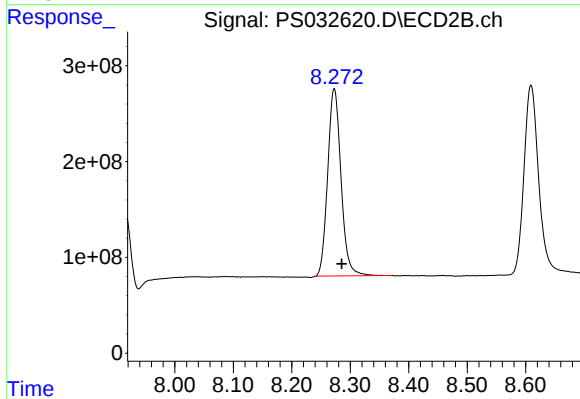
#7 MCPA

R.T.: 7.916 min  
Delta R.T.: -0.010 min  
Response: 1009419723  
Conc: 60.79 ug/ml



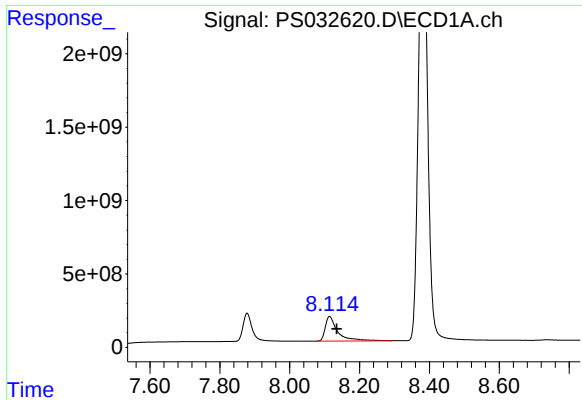
#8 DICHLORPROP

R.T.: 7.878 min  
Delta R.T.: -0.011 min  
Response: 3475469706  
Conc: 644.83 ng/ml



#8 DICHLORPROP

R.T.: 8.273 min  
Delta R.T.: -0.013 min  
Response: 3099530461  
Conc: 623.92 ng/ml



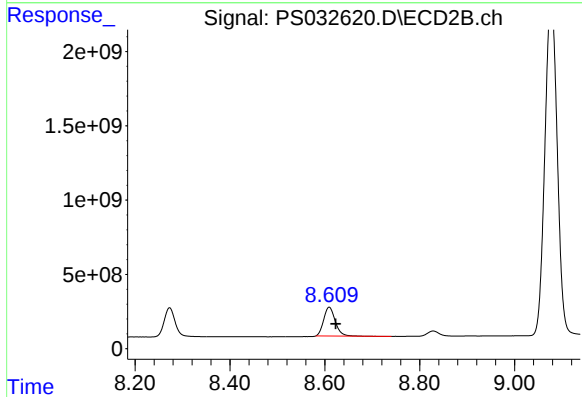
#9 2,4-D

R.T.: 8.114 min  
Delta R.T.: -0.021 min  
Response: 4162830891  
Conc: 681.80 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

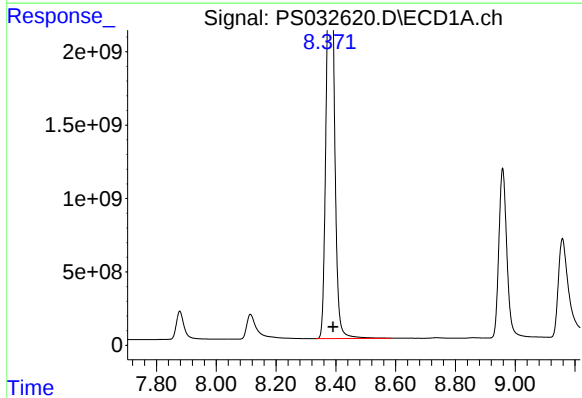
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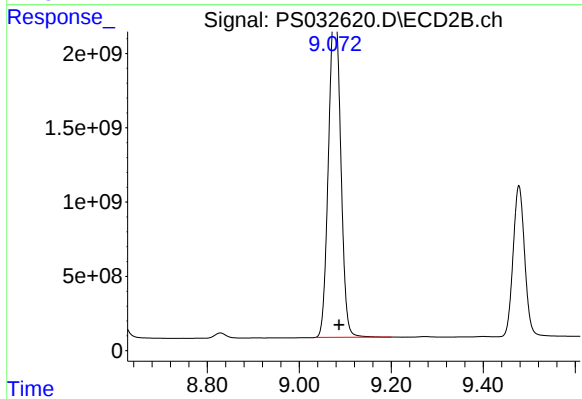
#9 2,4-D

R.T.: 8.609 min  
Delta R.T.: -0.014 min  
Response: 3243816201  
Conc: 577.56 ng/ml



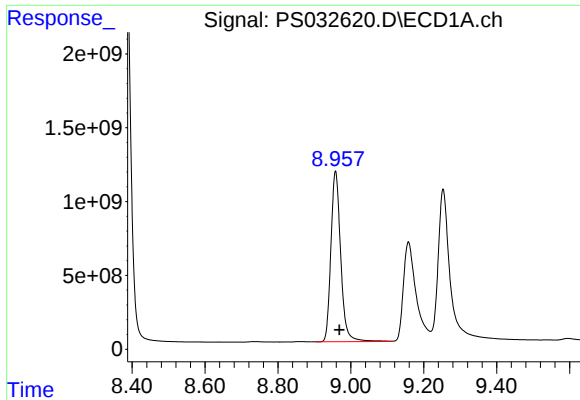
#10 Pentachlorophenol

R.T.: 8.371 min  
Delta R.T.: -0.019 min  
Response: 48014926544  
Conc: 654.84 ng/ml m



#10 Pentachlorophenol

R.T.: 9.077 min  
Delta R.T.: -0.009 min  
Response: 39987358873  
Conc: 654.48 ng/ml



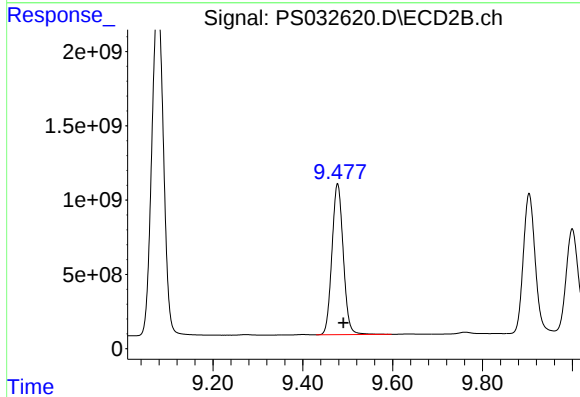
#11 2,4,5-TP (SILVEX)

R.T.: 8.958 min  
Delta R.T.: -0.011 min  
Response: 21585697480  
Conc: 646.00 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

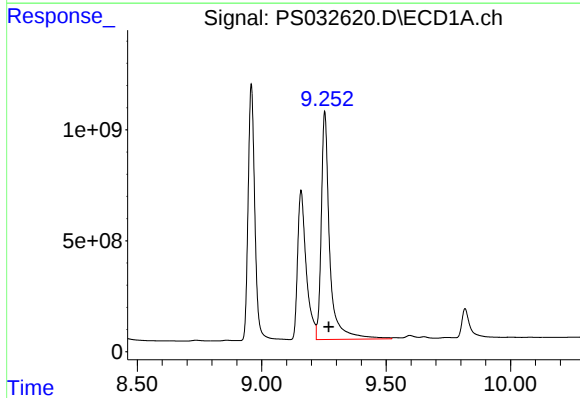
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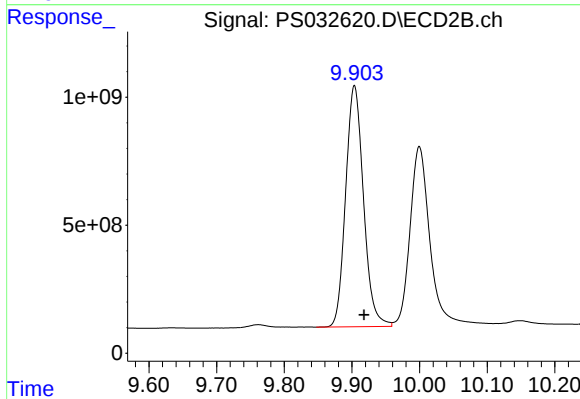
#11 2,4,5-TP (SILVEX)

R.T.: 9.478 min  
Delta R.T.: -0.013 min  
Response: 17766675764  
Conc: 619.30 ng/ml



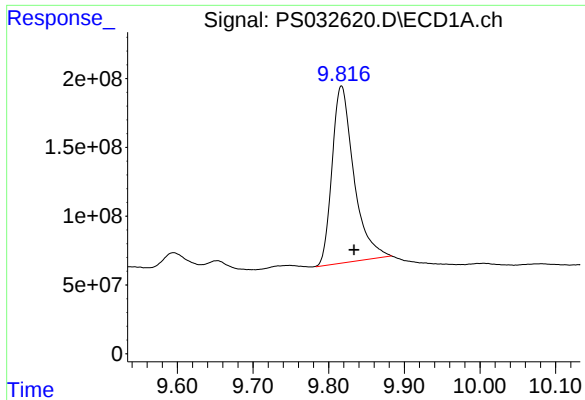
#12 2,4,5-T

R.T.: 9.253 min  
Delta R.T.: -0.016 min  
Response: 24358096232  
Conc: 579.37 ng/ml



#12 2,4,5-T

R.T.: 9.904 min  
Delta R.T.: -0.014 min  
Response: 17288827647  
Conc: 619.09 ng/ml



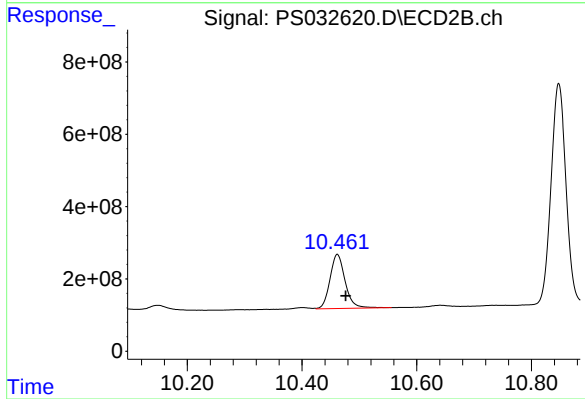
#13 2,4-DB

R.T.: 9.816 min  
Delta R.T.: -0.017 min  
Response: 2573268157  
Conc: 825.00 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

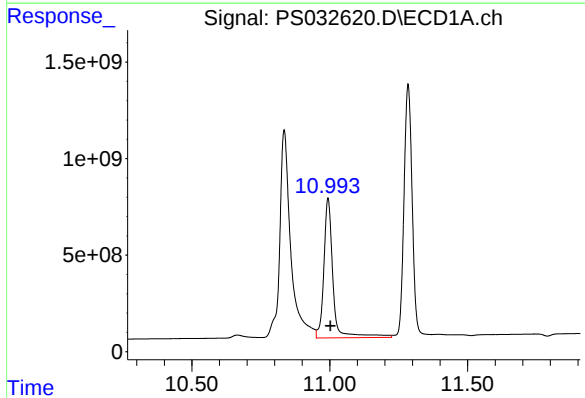
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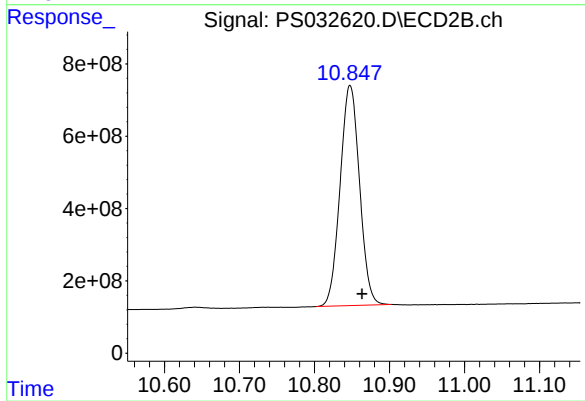
#13 2,4-DB

R.T.: 10.462 min  
Delta R.T.: -0.015 min  
Response: 2762132109  
Conc: 678.06 ng/ml



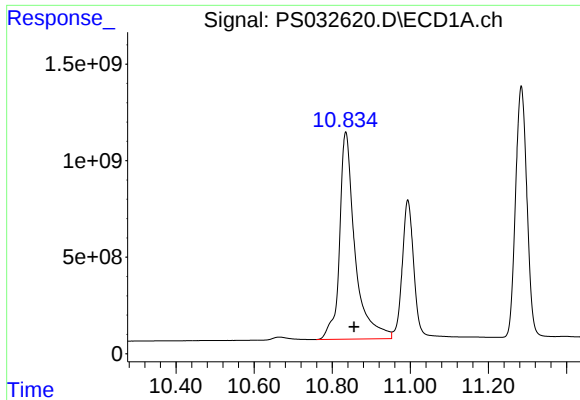
#14 DINOSEB

R.T.: 10.993 min  
Delta R.T.: -0.010 min  
Response: 16616860116  
Conc: 602.58 ng/ml m



#14 DINOSEB

R.T.: 10.847 min  
Delta R.T.: -0.017 min  
Response: 10950380220  
Conc: 605.51 ng/ml m



#15 Picloram

R.T.: 10.835 min  
Delta R.T.: -0.021 min  
Response: 29499692201  
Conc: 749.78 ng/ml

Instrument :

ECD\_S

ClientSampleId :

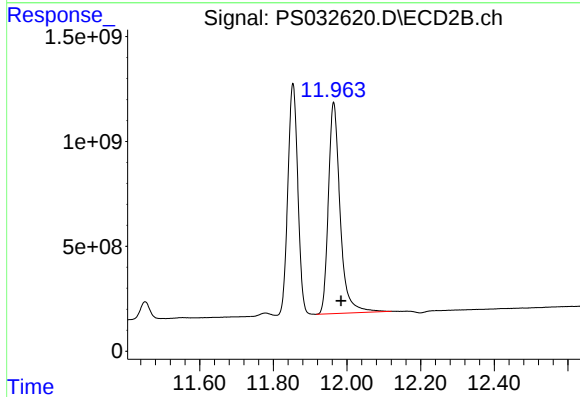
HSTDCCC750

Manual Integrations

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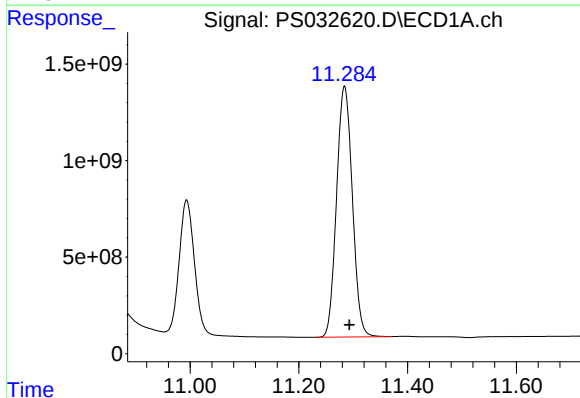
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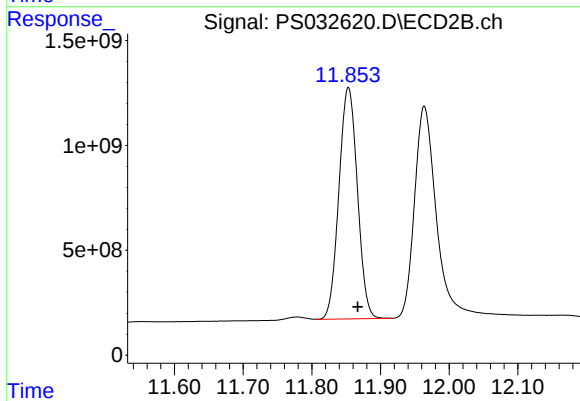
#15 Picloram

R.T.: 11.964 min  
Delta R.T.: -0.021 min  
Response: 22312751539  
Conc: 619.86 ng/ml



#16 DCPA

R.T.: 11.284 min  
Delta R.T.: -0.009 min  
Response: 26205659252  
Conc: 654.05 ng/ml



#16 DCPA

R.T.: 11.853 min  
Delta R.T.: -0.014 min  
Response: 20631830913  
Conc: 606.42 ng/ml