

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS111124\  
 Data File : PS028418.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2024 21:22  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

**Instrument :**

ECD\_S

**ClientSampleId :**

HSTDCCC750

**Manual Integrations****APPROVED**

Reviewed By :Abdul Mirza 11/12/2024

Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 11 23:31:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS110924.M  
 Quant Title : 8080.M  
 QLast Update : Fri Nov 08 17:46:43 2024  
 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     | 7.245  | 7.751  | 2050.4E6  | 1112.9E6  | 742.698m | 698.435  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.644  | 2.706  | 2485.6E6  | 1813.5E6  | 696.622  | 639.540  |
| 2) T                        | 3,5-DICHL... | 6.415  | 6.703  | 2825.6E6  | 1541.2E6  | 706.167  | 650.543  |
| 3) T                        | 4-Nitroph... | 7.044  | 7.277  | 1239.1E6  | 648.3E6   | 668.282  | 612.211  |
| 5) T                        | DICAMBA      | 7.434  | 7.952  | 8806.0E6  | 4829.0E6  | 731.346  | 673.551  |
| 6) T                        | MCPD         | 7.617  | 8.055  | 589.3E6   | 377.9E6   | 72.055   | 64.323   |
| 7) T                        | MCPA         | 7.768  | 8.301  | 800.1E6   | 508.3E6   | 71.358   | 63.479   |
| 8) T                        | DICHLORPROP  | 8.143  | 8.669  | 2222.9E6  | 1169.9E6  | 717.157  | 656.761  |
| 9) T                        | 2,4-D        | 8.374  | 9.000  | 2510.7E6  | 1231.0E6  | 714.442  | 636.581  |
| 10) T                       | Pentachlo... | 8.674  | 9.530  | 34642.5E6 | 17101.4E6 | 769.114  | 686.339  |
| 11) T                       | 2,4,5-TP ... | 9.254  | 9.906  | 13940.8E6 | 7175.1E6  | 736.483  | 677.393  |
| 12) T                       | 2,4,5-T      | 9.547  | 10.327 | 14272.5E6 | 7037.2E6  | 736.417  | 678.221  |
| 13) T                       | 2,4-DB       | 10.123 | 10.894 | 2170.4E6  | 883.5E6   | 702.182  | 666.669m |
| 14) T                       | DINOSEB      | 11.337 | 11.274 | 11775.6E6 | 4782.8E6  | 726.287  | 666.368  |
| 15) T                       | Picloram     | 11.142 | 12.372 | 22758.7E6 | 9752.8E6  | 724.660  | 677.631  |
| 16) T                       | DCPA         | 11.630 | 12.319 | 19711.0E6 | 7665.4E6  | 737.512  | 683.795  |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS111124\  
Data File : PS028418.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Nov 2024 21:22  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

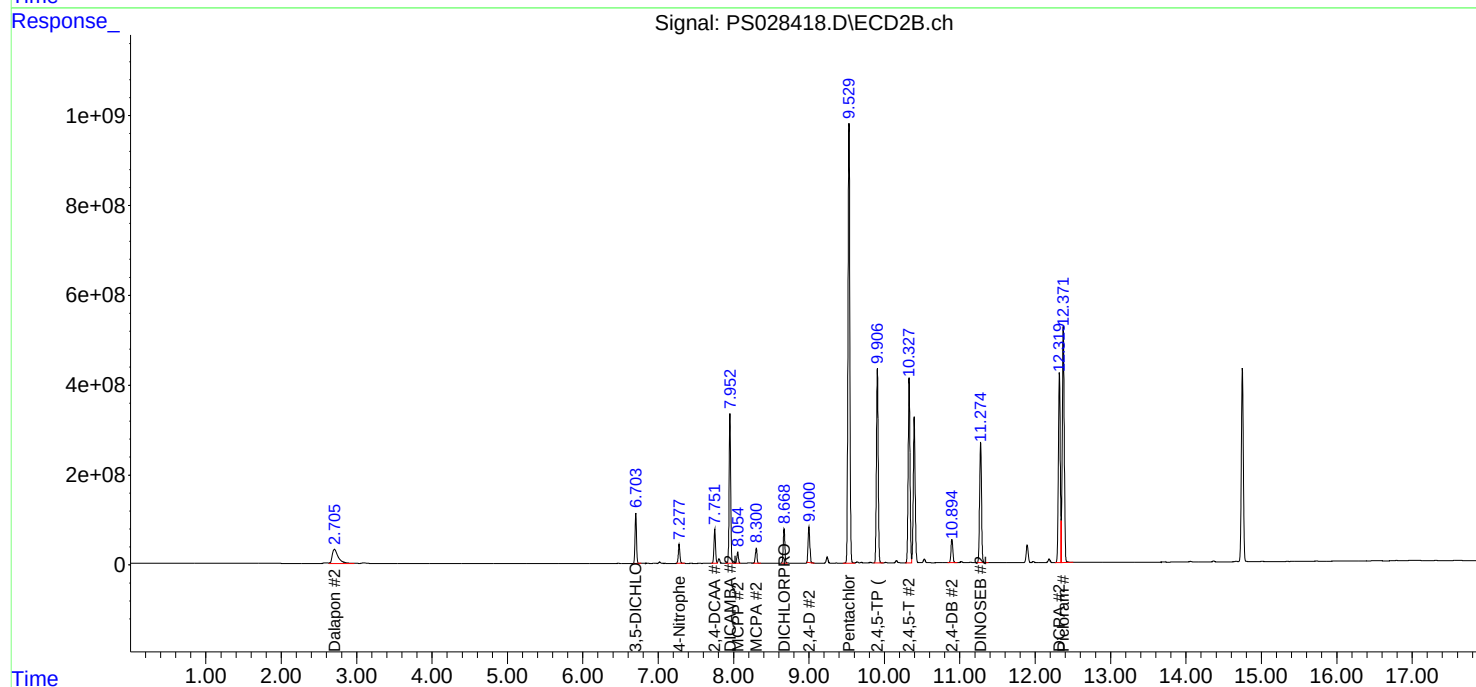
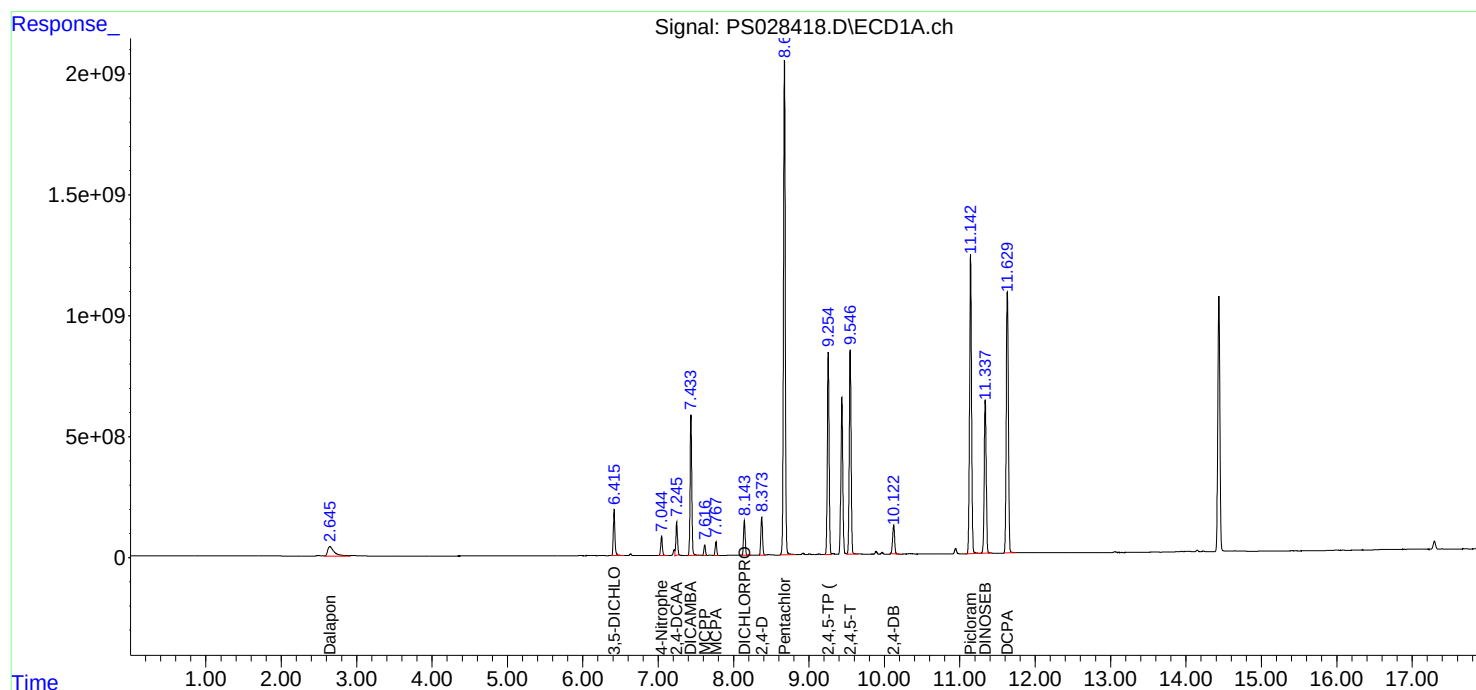
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

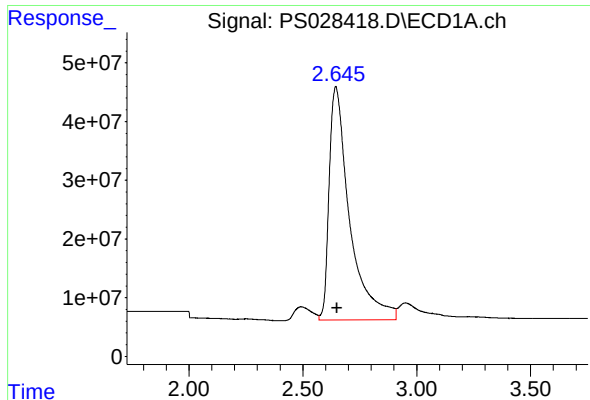
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 11/12/2024  
Supervised By : Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 23:31:54 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS110924.M  
Quant Title : 8080.M  
QLast Update : Fri Nov 08 17:46:43 2024  
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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





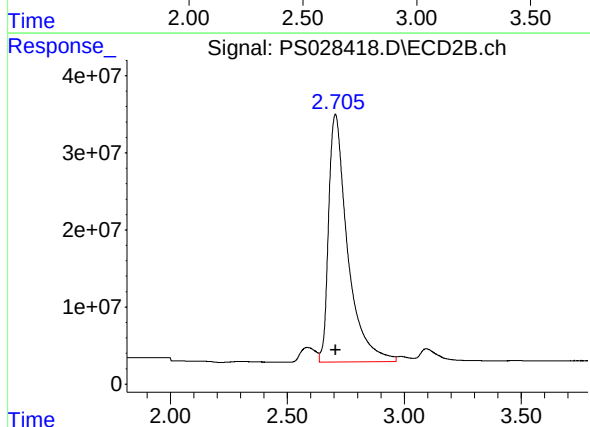
#1 Dalapon

R.T.: 2.644 min  
Delta R.T.: -0.006 min  
Response: 2485633784  
Conc: 696.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

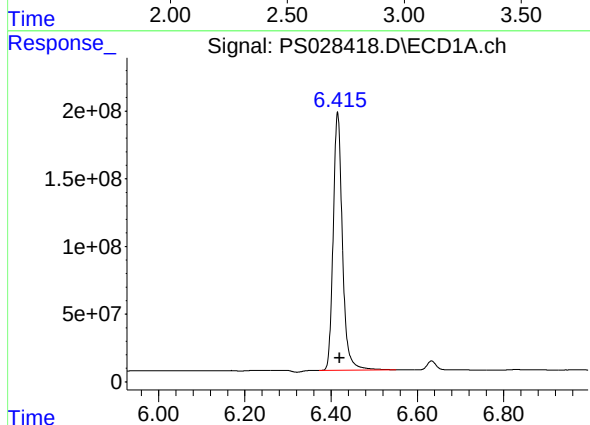
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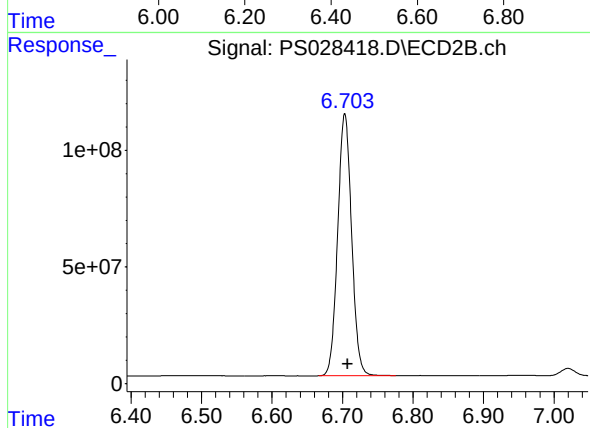
#1 Dalapon

R.T.: 2.706 min  
Delta R.T.: -0.001 min  
Response: 1813519714  
Conc: 639.54 ng/ml



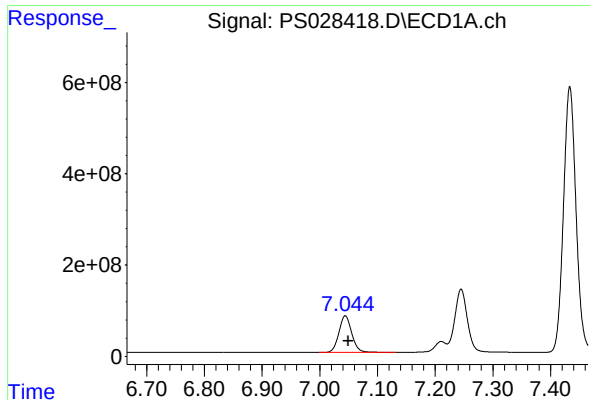
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.415 min  
Delta R.T.: -0.004 min  
Response: 2825646622  
Conc: 706.17 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.703 min  
Delta R.T.: -0.004 min  
Response: 1541166298  
Conc: 650.54 ng/ml



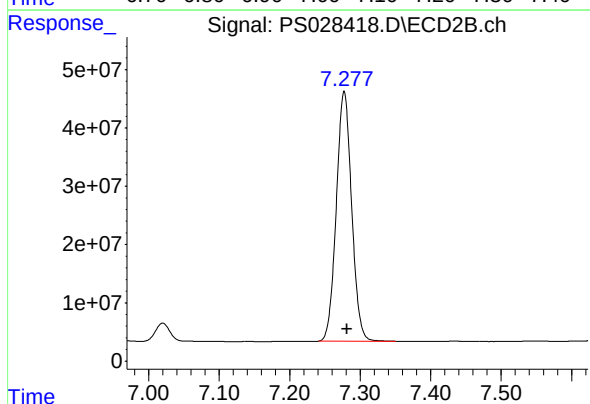
#3 4-Nitrophenol

R.T.: 7.044 min  
Delta R.T.: -0.005 min  
Response: 1239147512  
Conc: 668.28 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

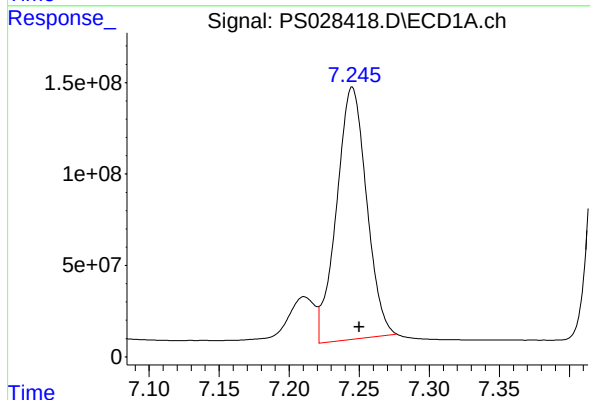
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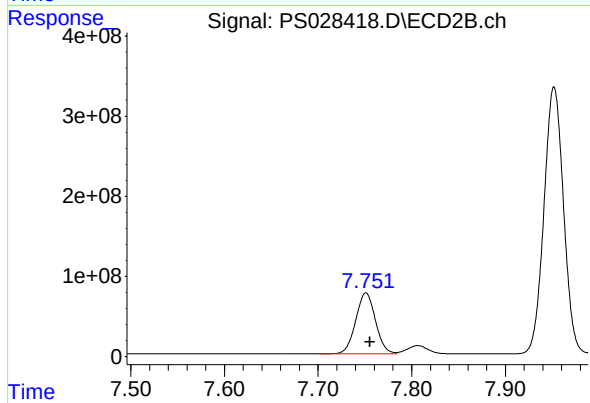
#3 4-Nitrophenol

R.T.: 7.277 min  
Delta R.T.: -0.004 min  
Response: 648334674  
Conc: 612.21 ng/ml



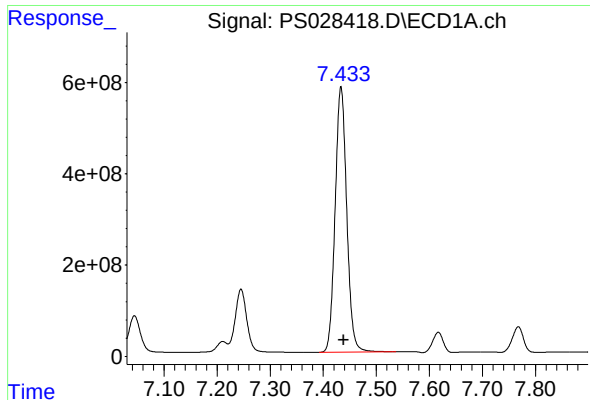
#4 2,4-DCAA

R.T.: 7.245 min  
Delta R.T.: -0.005 min  
Response: 2050407143  
Conc: 742.70 ng/ml m



#4 2,4-DCAA

R.T.: 7.751 min  
Delta R.T.: -0.004 min  
Response: 1112901414  
Conc: 698.44 ng/ml



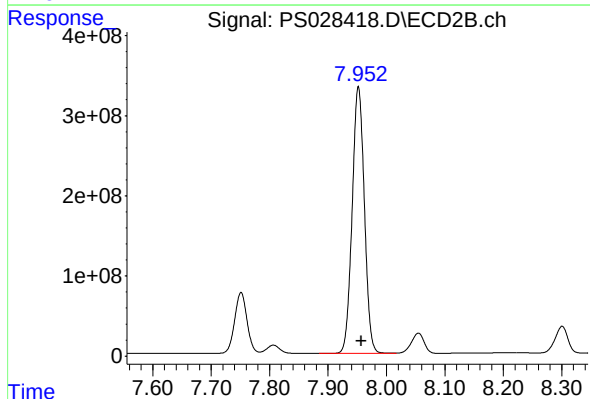
#5 DICAMBA

R.T.: 7.434 min  
Delta R.T.: -0.005 min  
Response: 8805956561  
Conc: 731.35 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

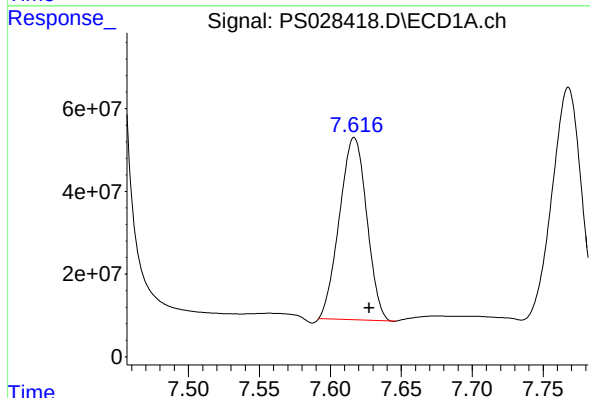
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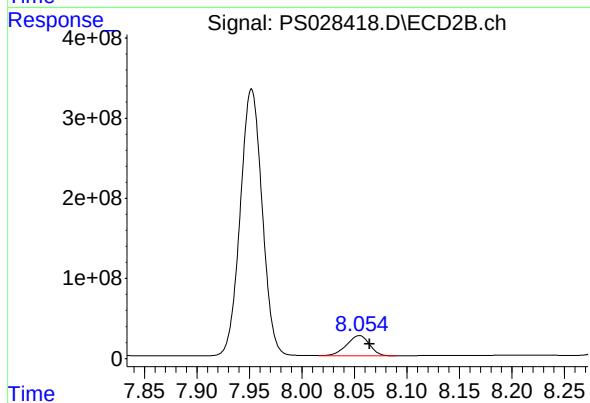
#5 DICAMBA

R.T.: 7.952 min  
Delta R.T.: -0.005 min  
Response: 4829033411  
Conc: 673.55 ng/ml



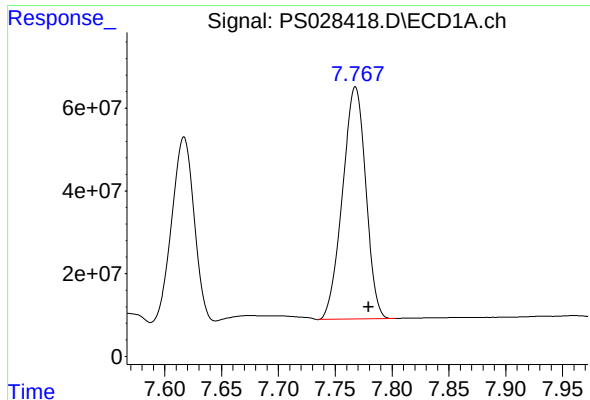
#6 MCPP

R.T.: 7.617 min  
Delta R.T.: -0.011 min  
Response: 589305694  
Conc: 72.05 ug/ml



#6 MCPP

R.T.: 8.055 min  
Delta R.T.: -0.010 min  
Response: 377869964  
Conc: 64.32 ug/ml



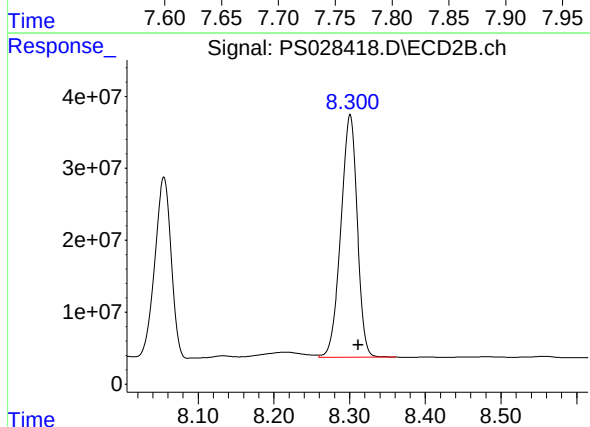
#7 MCPA

R.T.: 7.768 min  
Delta R.T.: -0.012 min  
Response: 800067983  
Conc: 71.36 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

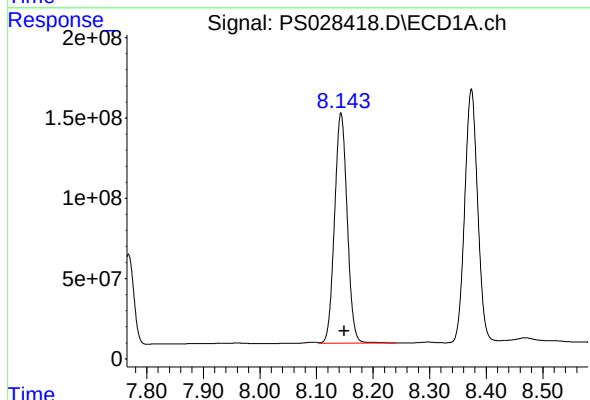
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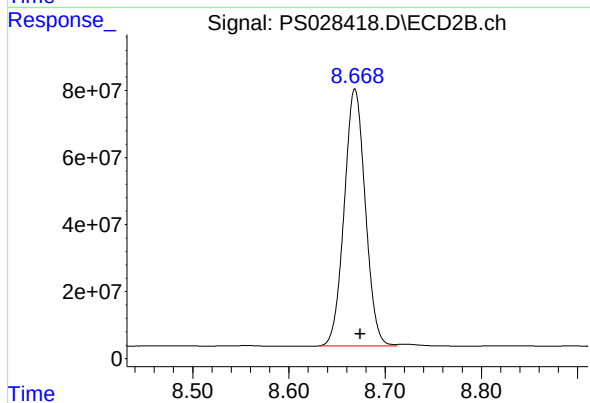
#7 MCPA

R.T.: 8.301 min  
Delta R.T.: -0.011 min  
Response: 508319439  
Conc: 63.48 ug/ml



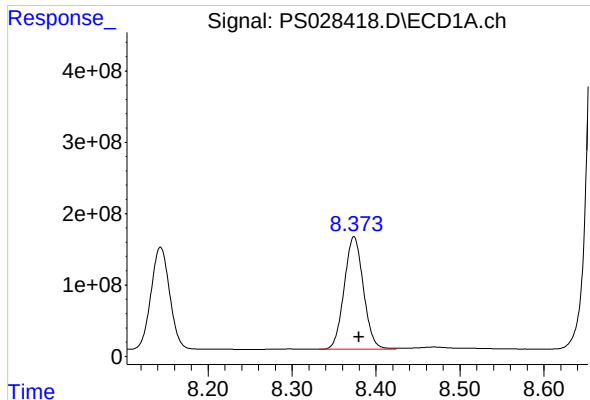
#8 DICHLORPROP

R.T.: 8.143 min  
Delta R.T.: -0.006 min  
Response: 2222928513  
Conc: 717.16 ng/ml



#8 DICHLORPROP

R.T.: 8.669 min  
Delta R.T.: -0.005 min  
Response: 1169866337  
Conc: 656.76 ng/ml



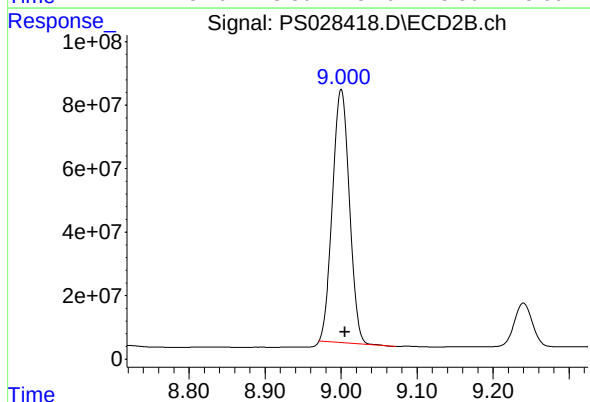
#9 2,4-D

R.T.: 8.374 min  
Delta R.T.: -0.006 min  
Response: 2510697517  
Conc: 714.44 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

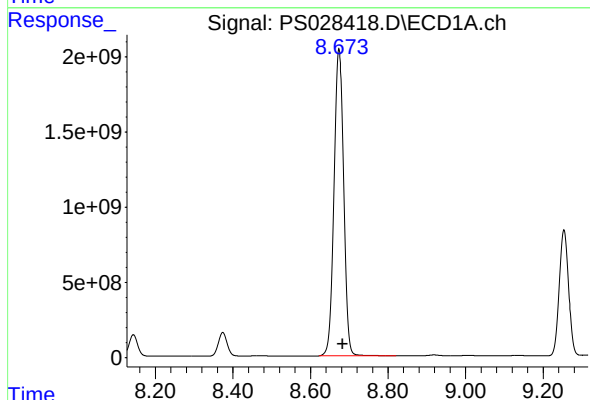
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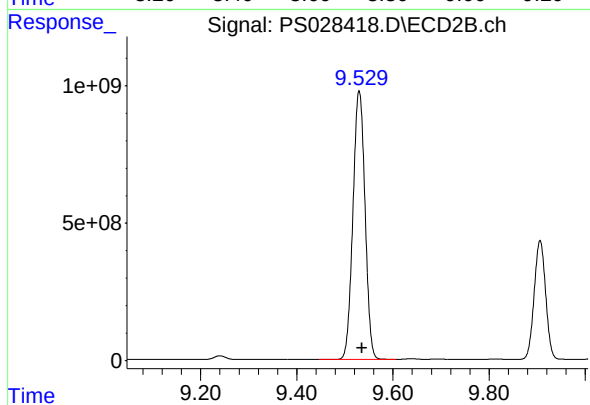
#9 2,4-D

R.T.: 9.000 min  
Delta R.T.: -0.005 min  
Response: 1231030130  
Conc: 636.58 ng/ml



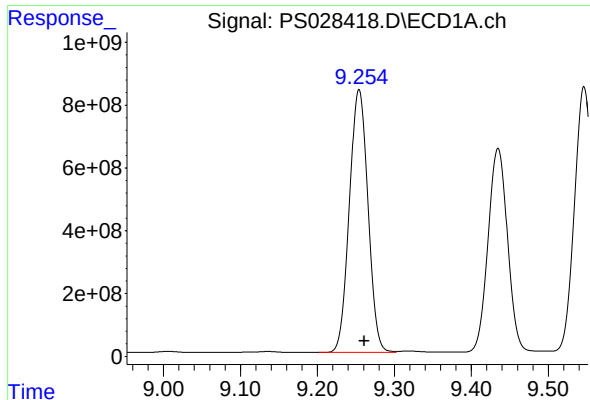
#10 Pentachlorophenol

R.T.: 8.674 min  
Delta R.T.: -0.009 min  
Response: 34642489762  
Conc: 769.11 ng/ml



#10 Pentachlorophenol

R.T.: 9.530 min  
Delta R.T.: -0.006 min  
Response: 17101395353  
Conc: 686.34 ng/ml



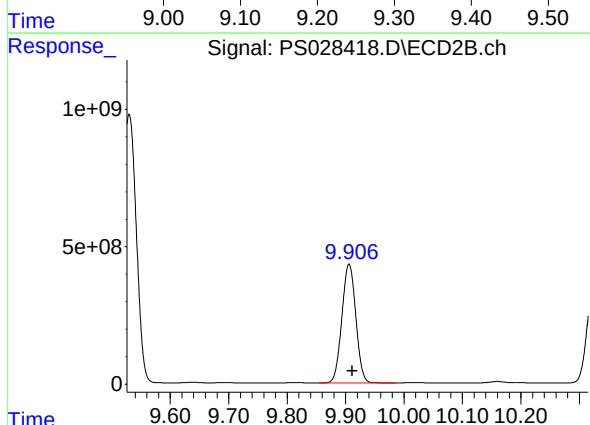
#11 2,4,5-TP (SILVEX)

R.T.: 9.254 min  
Delta R.T.: -0.007 min  
Response: 13940848246  
Conc: 736.48 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

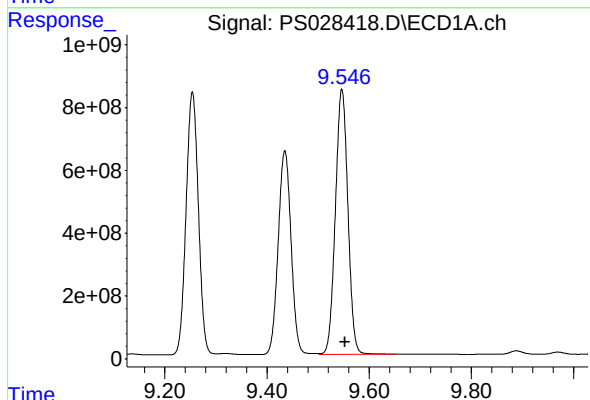
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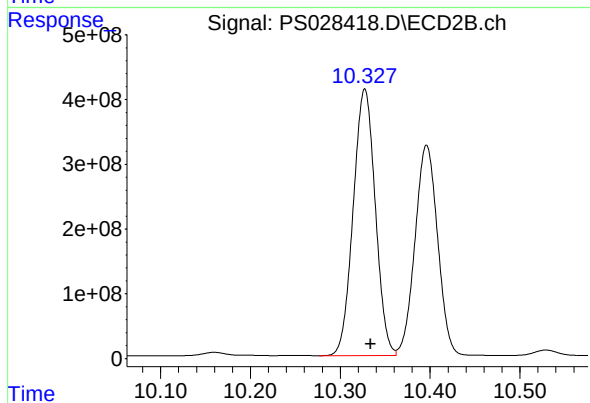
#11 2,4,5-TP (SILVEX)

R.T.: 9.906 min  
Delta R.T.: -0.006 min  
Response: 7175084631  
Conc: 677.39 ng/ml



#12 2,4,5-T

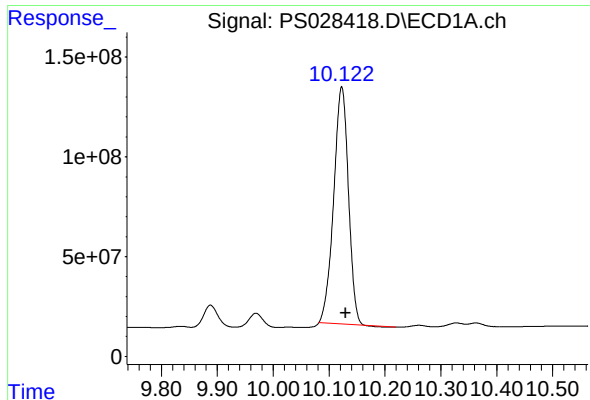
R.T.: 9.547 min  
Delta R.T.: -0.006 min  
Response: 14272491774  
Conc: 736.42 ng/ml



#12 2,4,5-T

R.T.: 10.327 min  
Delta R.T.: -0.006 min  
Response: 7037247162  
Conc: 678.22 ng/ml





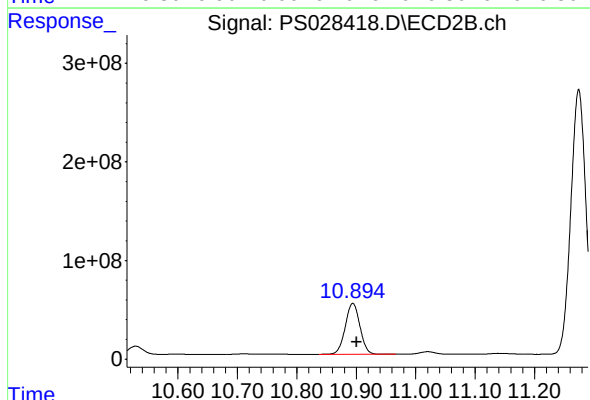
#13 2,4-DB

R.T.: 10.123 min  
Delta R.T.: -0.007 min  
Response: 2170363116  
Conc: 702.18 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

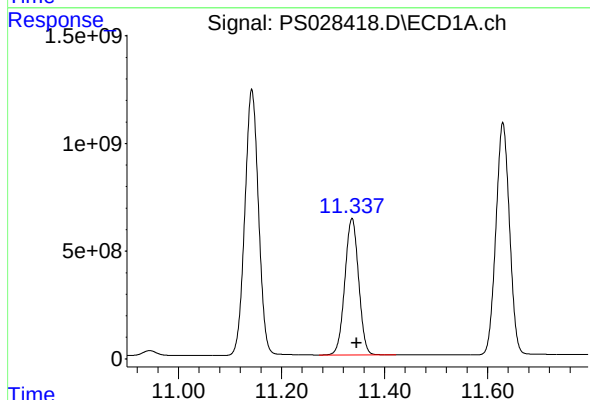
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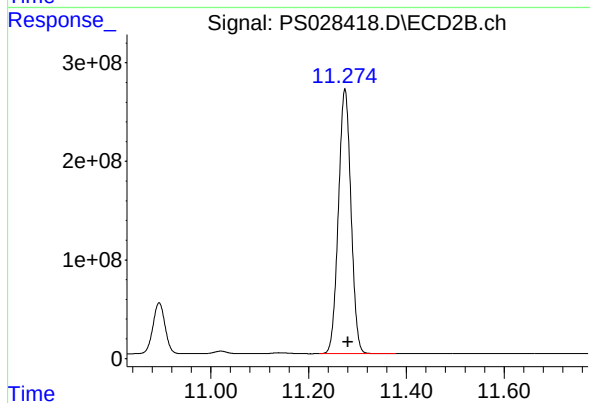
#13 2,4-DB

R.T.: 10.894 min  
Delta R.T.: -0.006 min  
Response: 883523674  
Conc: 666.67 ng/ml



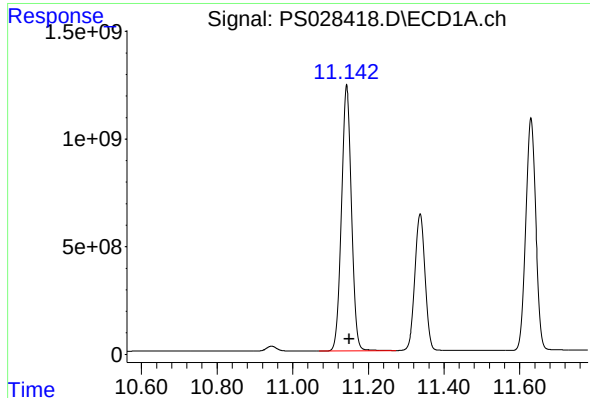
#14 DINOSEB

R.T.: 11.337 min  
Delta R.T.: -0.009 min  
Response: 11775556402  
Conc: 726.29 ng/ml



#14 DINOSEB

R.T.: 11.274 min  
Delta R.T.: -0.006 min  
Response: 4782754249  
Conc: 666.37 ng/ml



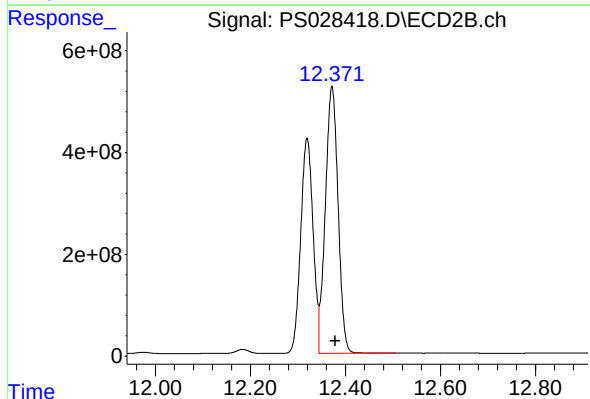
#15 Picloram

R.T.: 11.142 min  
Delta R.T.: -0.008 min  
Response: 22758661808  
Conc: 724.66 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

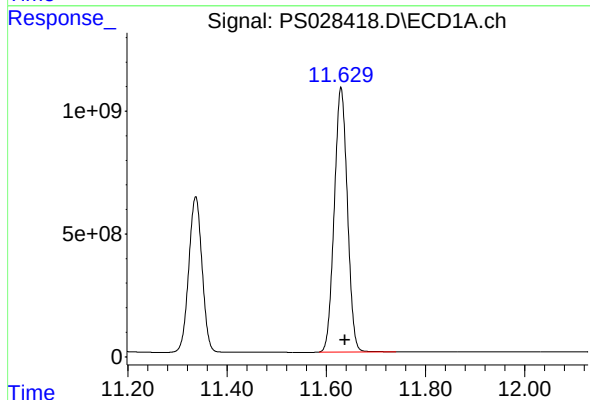
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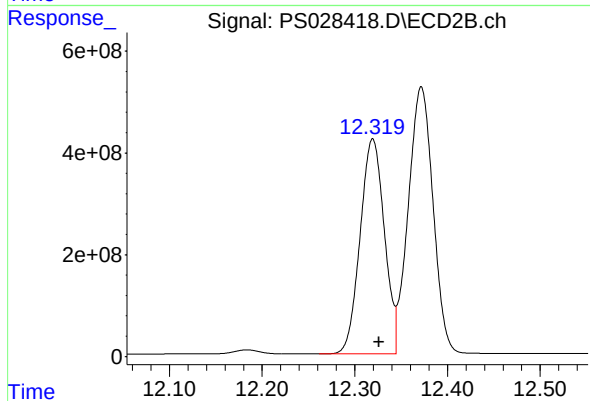
#15 Picloram

R.T.: 12.372 min  
Delta R.T.: -0.007 min  
Response: 9752816131  
Conc: 677.63 ng/ml



#16 DCPA

R.T.: 11.630 min  
Delta R.T.: -0.008 min  
Response: 19711049050  
Conc: 737.51 ng/ml



#16 DCPA

R.T.: 12.319 min  
Delta R.T.: -0.007 min  
Response: 7665441424  
Conc: 683.80 ng/ml