

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071525\  
 Data File : PS031053.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2025 03:37  
 Operator : AR\AJ  
 Sample : Q2489-01MSD  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 G4(0-6)MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/16/2025  
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 06:46:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS071125.M  
 Quant Title : 8080.M  
 QLast Update : Mon Jul 14 05:51:06 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     | 7.328  | 7.767  | 1704.2E6  | 474.6E6   | 430.887m | 458.116  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.688  | 2.706  | 3590.9E6  | 1767.5E6  | 589.476  | 621.735m |
| 2) T                        | 3,5-DICHL... | 6.491  | 6.714  | 2690.8E6  | 695.4E6   | 513.643  | 448.564  |
| 3) T                        | 4-Nitroph... | 7.128  | 7.300  | 720.5E6   | 719.4E6   | 533.732  | 412.512  |
| 5) T                        | DICAMBA      | 7.518  | 7.969  | 7194.1E6  | 2842.3E6  | 458.488  | 438.869m |
| 6) T                        | MCPD         | 7.698  | 8.068  | 414.9E6   | 82720693  | 45.088   | 38.692   |
| 7) T                        | MCPA         | 7.848  | 8.315  | 531.0E6   | 154.8E6   | 48.682   | 48.305   |
| 8) T                        | DICHLORPROP  | 8.230  | 8.689  | 1819.6E6  | 662.3E6   | 534.364  | 435.958  |
| 9) T                        | 2,4-D        | 8.462  | 9.025  | 1896.2E6  | 957.4E6   | 615.950m | 563.358  |
| 10) T                       | Pentachlo... | 8.768  | 9.549  | 28686.6E6 | 18844.5E6 | 570.745  | 489.021  |
| 11) T                       | 2,4,5-TP ... | 9.347  | 9.929  | 11625.8E6 | 8837.0E6  | 624.683  | 602.147  |
| 12) T                       | 2,4,5-T      | 9.642  | 10.356 | 8837.4E6  | 6722.5E6  | 580.901m | 480.460  |
| 13) T                       | 2,4-DB       | 10.219 | 10.924 | 993.8E6   | 482.9E6   | 457.819m | 408.116m |
| 14) T                       | DINOSEB      | 11.433 | 11.308 | 6262.5E6  | 4535.6E6  | 475.015m | 399.563m |
| 15) T                       | Picloram     | 11.245 | 12.418 | 8468.1E6  | 11656.9E6 | 581.121  | 496.449m |
| 16) T                       | DCPA         | 11.728 | 12.352 | 10926.8E6 | 10696.3E6 | 456.479  | 474.297m |
| -----                       |              |        |        |           |           |          |          |

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

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Data File : PS031053.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2025 03:37  
Operator : AR\AJ  
Sample : Q2489-01MSD  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

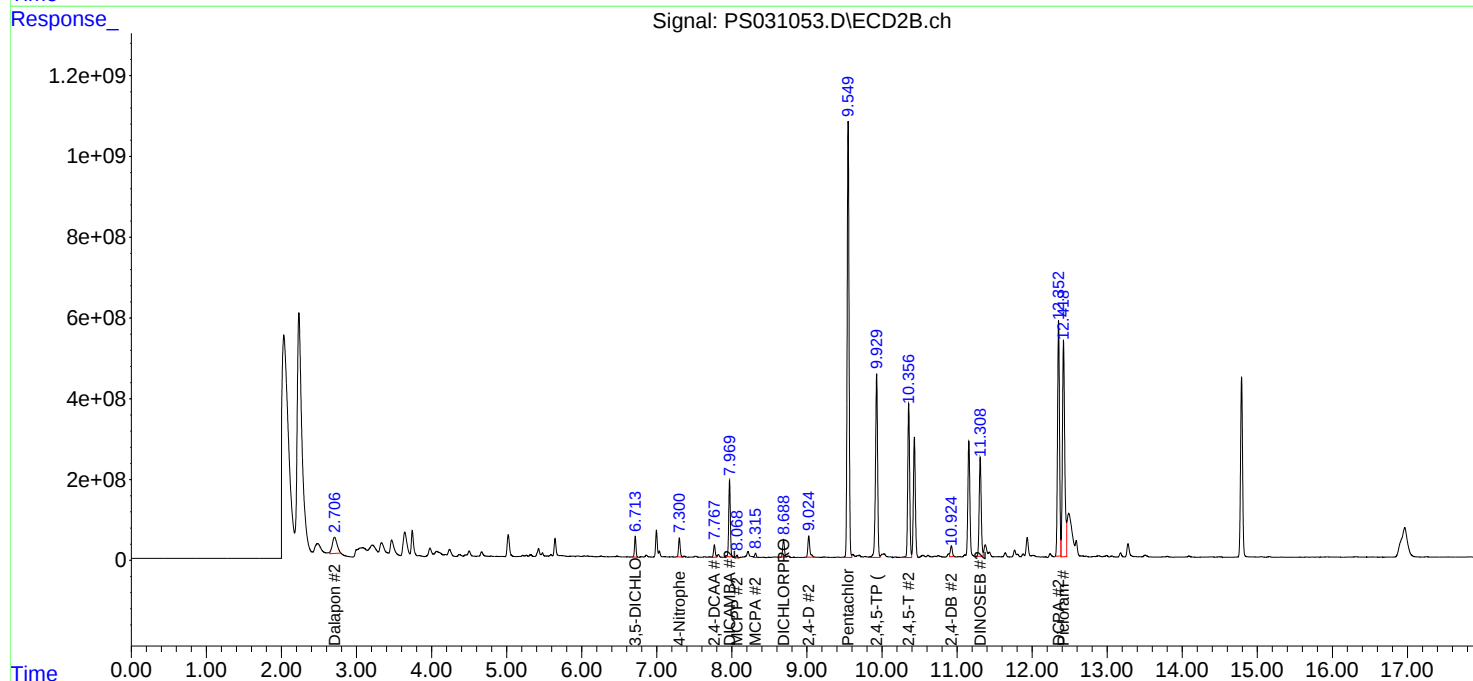
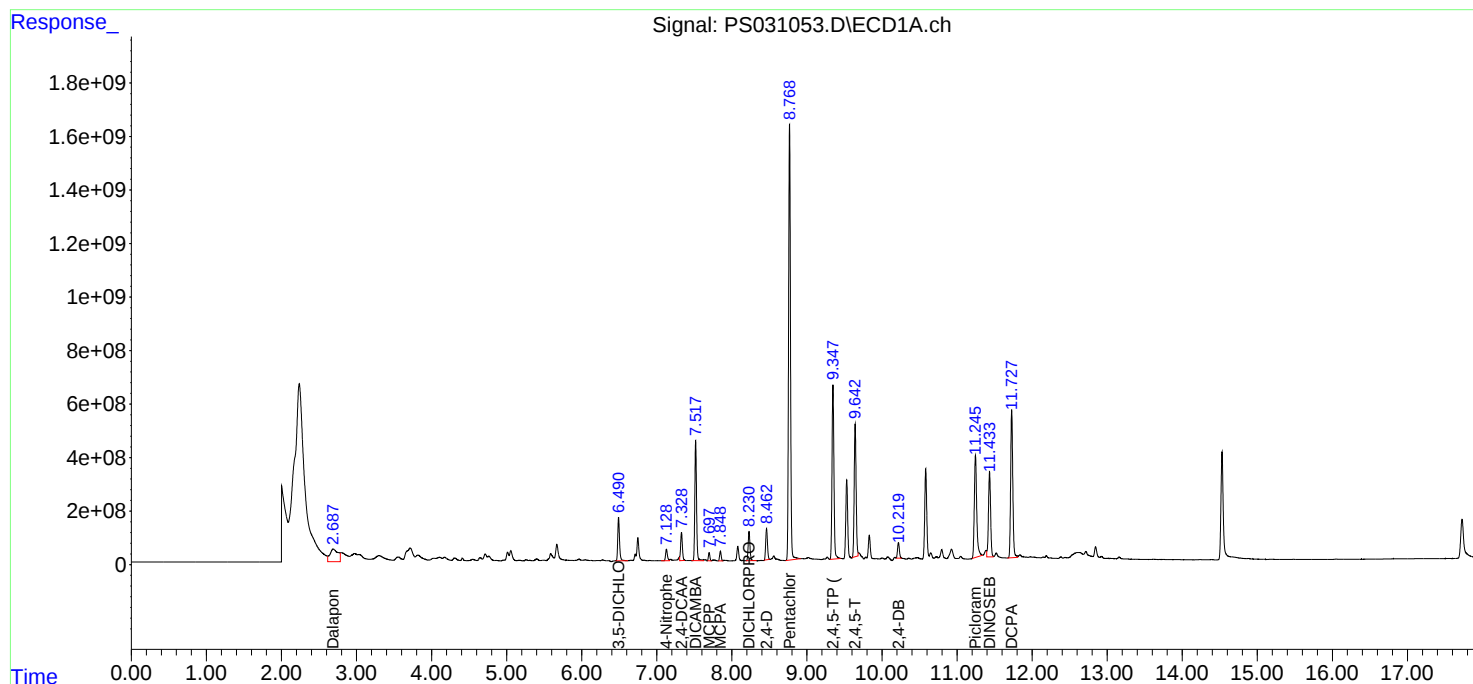
Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MSD

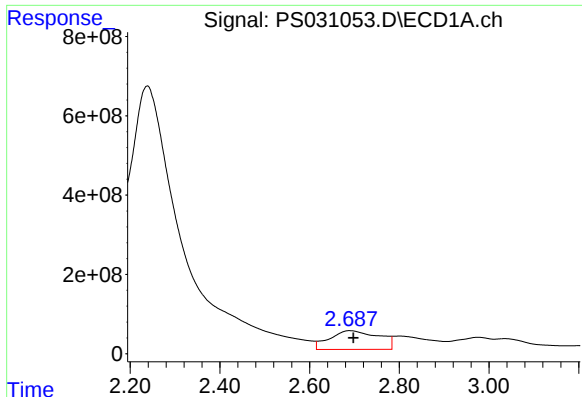
Manual Integrations  
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Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 16 06:46:26 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS071125.M  
Quant Title : 8080.M  
QLast Update : Mon Jul 14 05:51:06 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





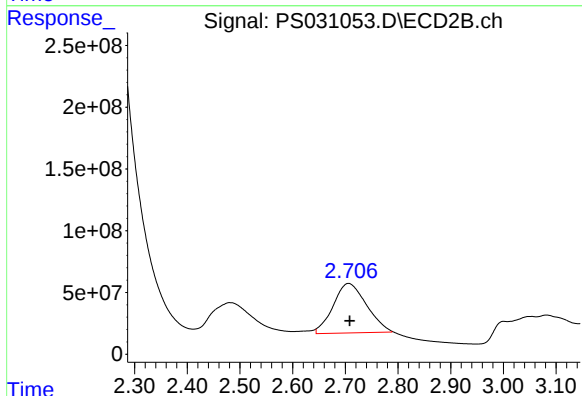
#1 Dalapon

R.T.: 2.688 min  
Delta R.T.: -0.010 min  
Response: 3590925525  
Conc: 589.48 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MSD

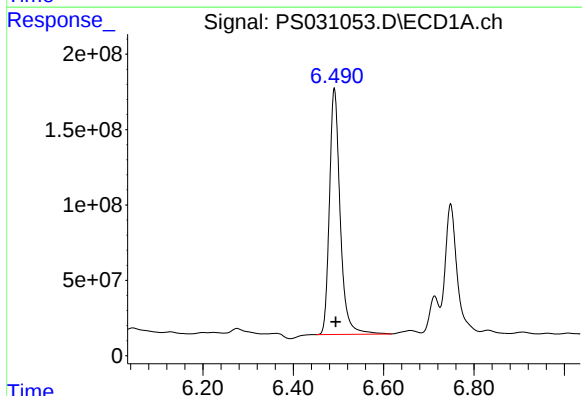
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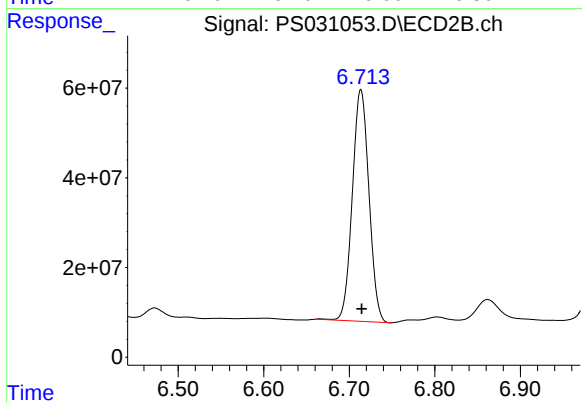
#1 Dalapon

R.T.: 2.706 min  
Delta R.T.: -0.002 min  
Response: 1767506144  
Conc: 621.74 ng/ml m



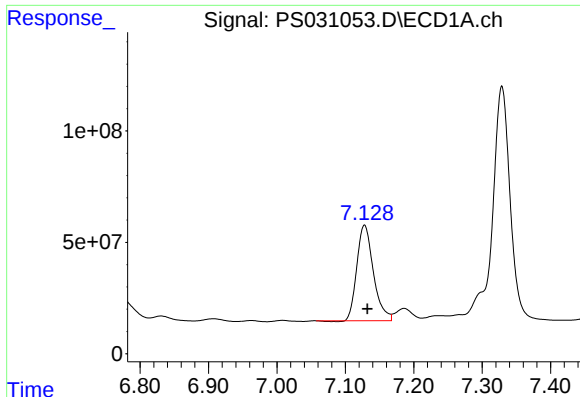
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.491 min  
Delta R.T.: -0.003 min  
Response: 2690772531  
Conc: 513.64 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min  
Delta R.T.: -0.001 min  
Response: 695425771  
Conc: 448.56 ng/ml



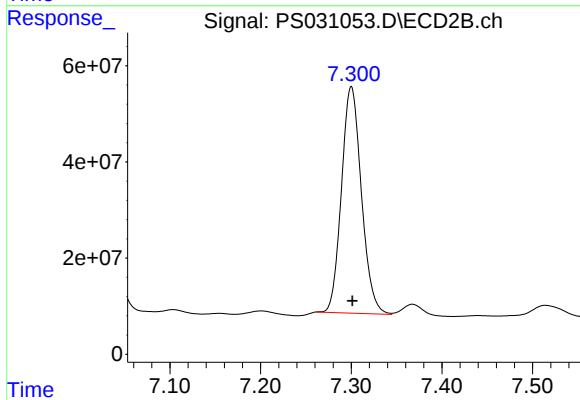
#3 4-Nitrophenol

R.T.: 7.128 min  
Delta R.T.: -0.004 min  
Response: 720542776  
Conc: 533.73 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MSD

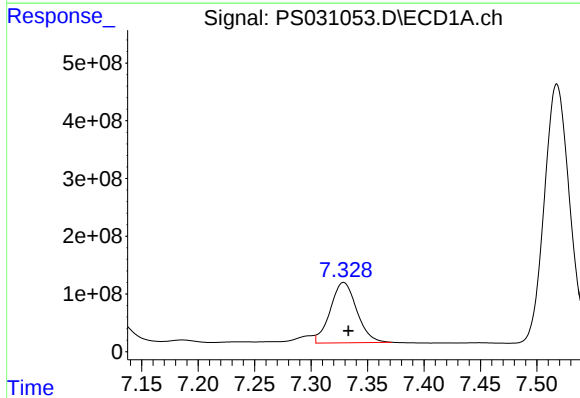
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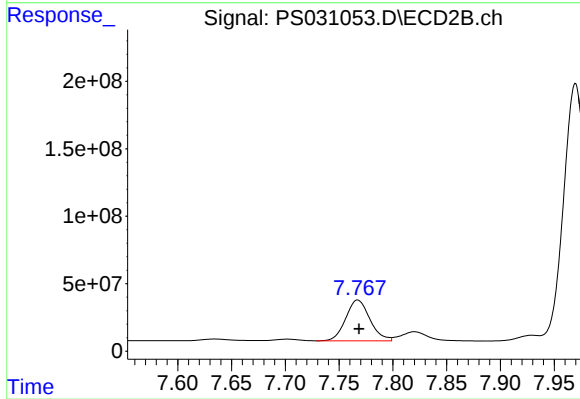
#3 4-Nitrophenol

R.T.: 7.300 min  
Delta R.T.: -0.001 min  
Response: 719374773  
Conc: 412.51 ng/ml



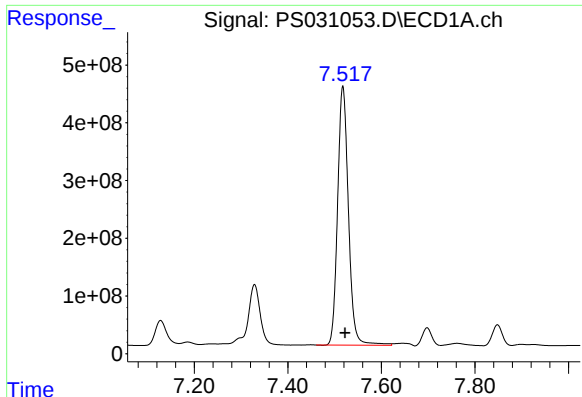
#4 2,4-DCAA

R.T.: 7.328 min  
Delta R.T.: -0.005 min  
Response: 1704191239  
Conc: 430.89 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min  
Delta R.T.: -0.001 min  
Response: 474623568  
Conc: 458.12 ng/ml



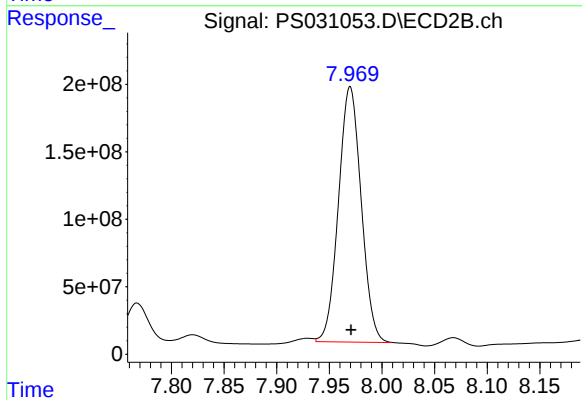
#5 DICAMBA

R.T.: 7.518 min  
Delta R.T.: -0.005 min  
Response: 7194089927  
Conc: 458.49 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MSD

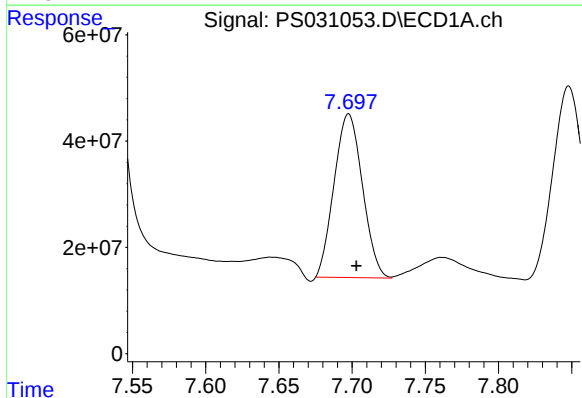
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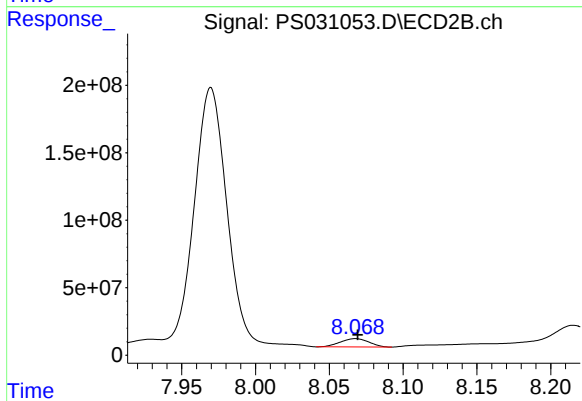
#5 DICAMBA

R.T.: 7.969 min  
Delta R.T.: -0.001 min  
Response: 2842303351  
Conc: 438.87 ng/ml m



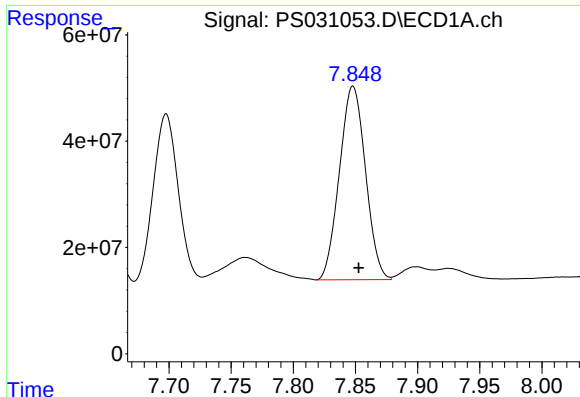
#6 MCPP

R.T.: 7.698 min  
Delta R.T.: -0.005 min  
Response: 414864357  
Conc: 45.09 ug/ml



#6 MCPP

R.T.: 8.068 min  
Delta R.T.: -0.002 min  
Response: 82720693  
Conc: 38.69 ug/ml



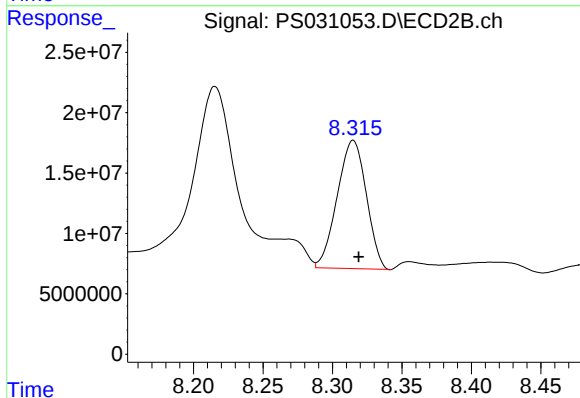
#7 MCPA

R.T.: 7.848 min  
Delta R.T.: -0.005 min  
Response: 530966663  
Conc: 48.68 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MSD

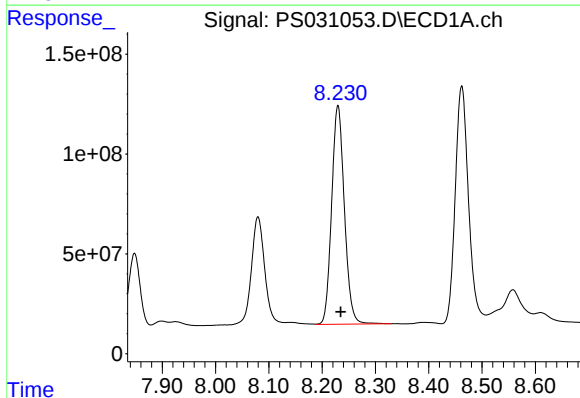
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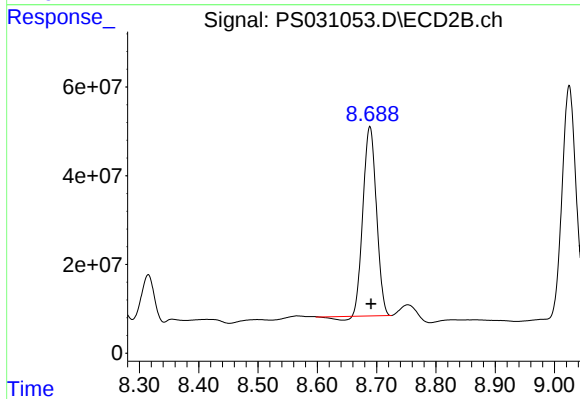
#7 MCPA

R.T.: 8.315 min  
Delta R.T.: -0.004 min  
Response: 154849314  
Conc: 48.30 ug/ml



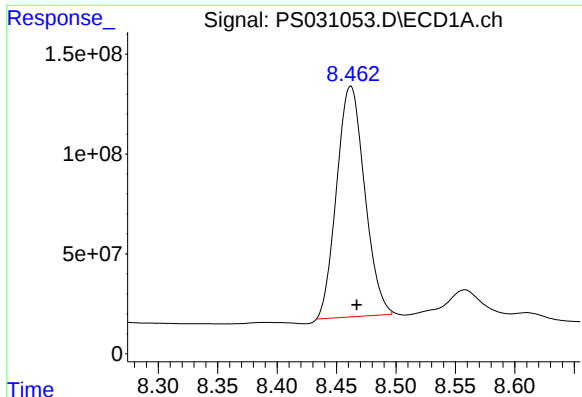
#8 DICHLORPROP

R.T.: 8.230 min  
Delta R.T.: -0.005 min  
Response: 1819590778  
Conc: 534.36 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min  
Delta R.T.: -0.002 min  
Response: 662333666  
Conc: 435.96 ng/ml



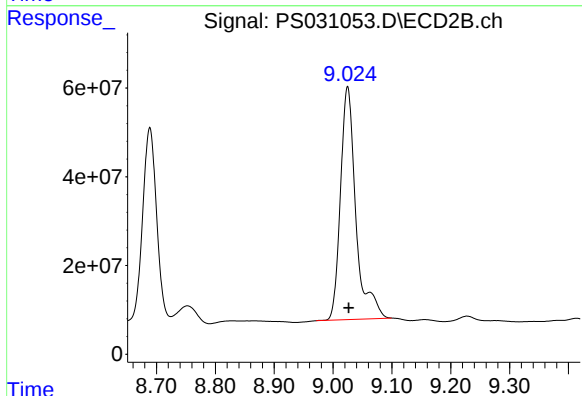
#9 2,4-D

R.T.: 8.462 min  
Delta R.T.: -0.005 min  
Response: 1896163158  
Conc: 615.95 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MSD

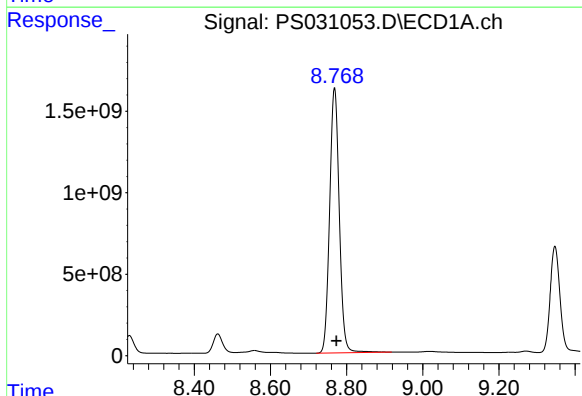
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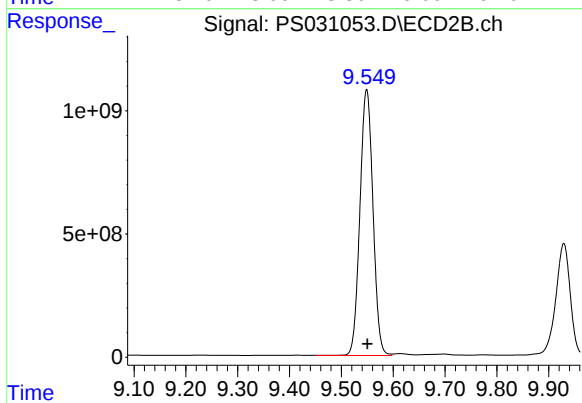
#9 2,4-D

R.T.: 9.025 min  
Delta R.T.: -0.002 min  
Response: 957406553  
Conc: 563.36 ng/ml



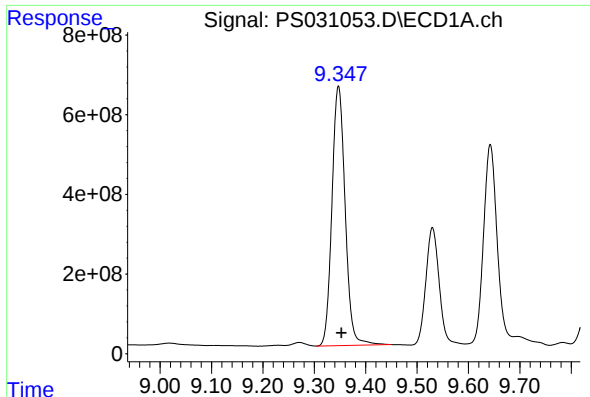
#10 Pentachlorophenol

R.T.: 8.768 min  
Delta R.T.: -0.005 min  
Response: 28686561202  
Conc: 570.75 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min  
Delta R.T.: -0.001 min  
Response: 18844462286  
Conc: 489.02 ng/ml



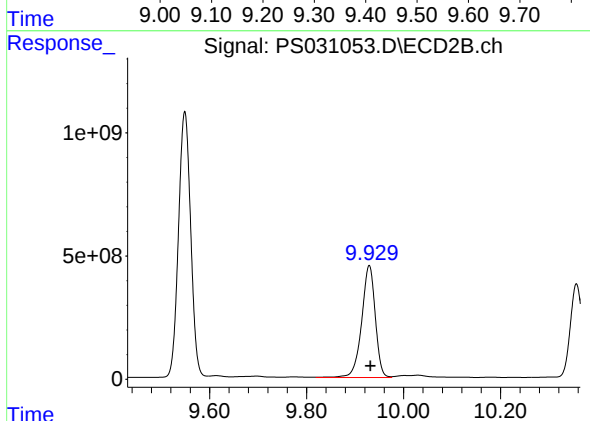
#11 2,4,5-TP (SILVEX)

R.T.: 9.347 min  
Delta R.T.: -0.006 min  
Response: 11625817202  
Conc: 624.68 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MSD

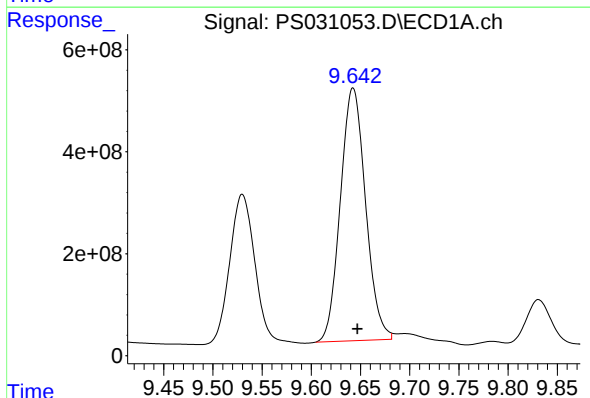
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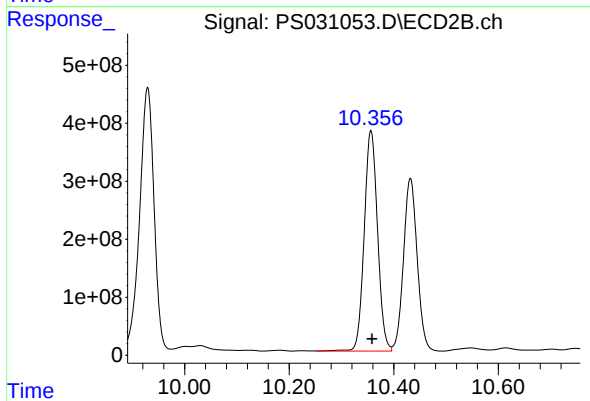
#11 2,4,5-TP (SILVEX)

R.T.: 9.929 min  
Delta R.T.: -0.003 min  
Response: 8836979716  
Conc: 602.15 ng/ml



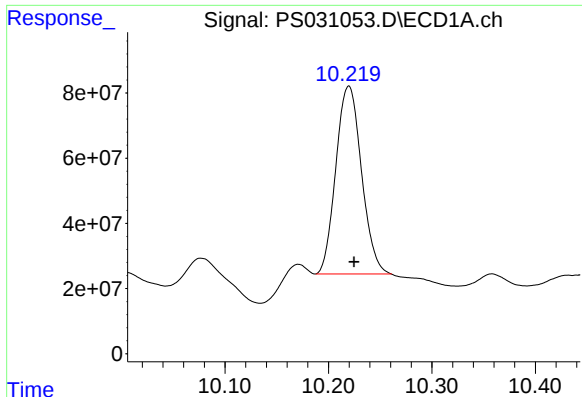
#12 2,4,5-T

R.T.: 9.642 min  
Delta R.T.: -0.005 min  
Response: 8837437197  
Conc: 580.90 ng/ml m



#12 2,4,5-T

R.T.: 10.356 min  
Delta R.T.: -0.002 min  
Response: 6722505783  
Conc: 480.46 ng/ml



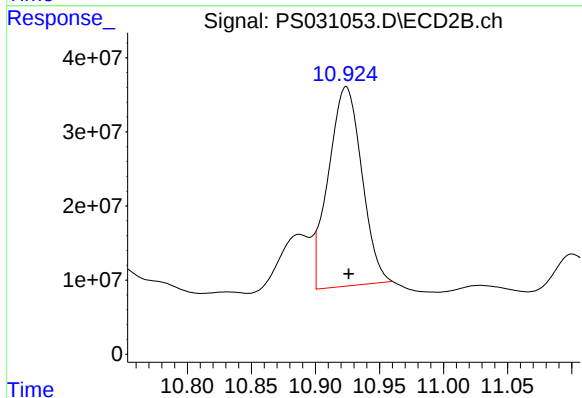
#13 2,4-DB

R.T.: 10.219 min  
Delta R.T.: -0.005 min  
Response: 993828320  
Conc: 457.82 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MSD

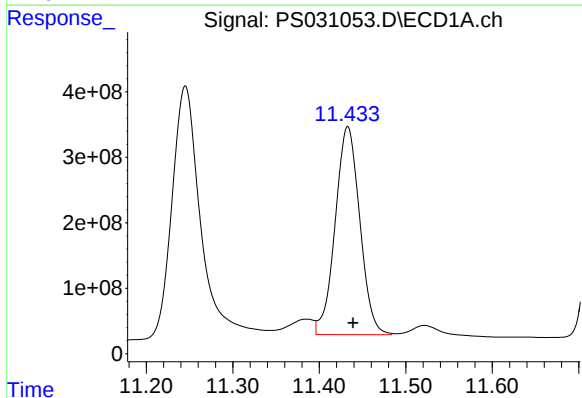
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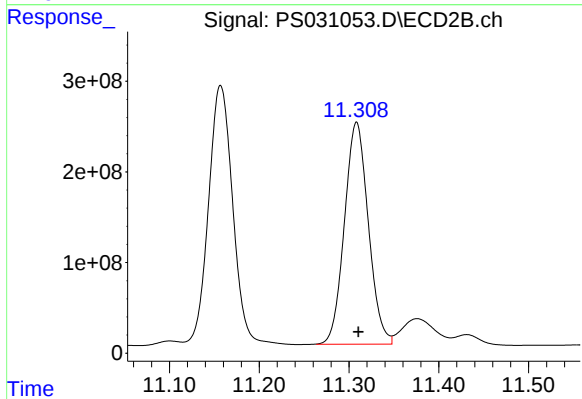
#13 2,4-DB

R.T.: 10.924 min  
Delta R.T.: -0.002 min  
Response: 482875189  
Conc: 408.12 ng/ml m



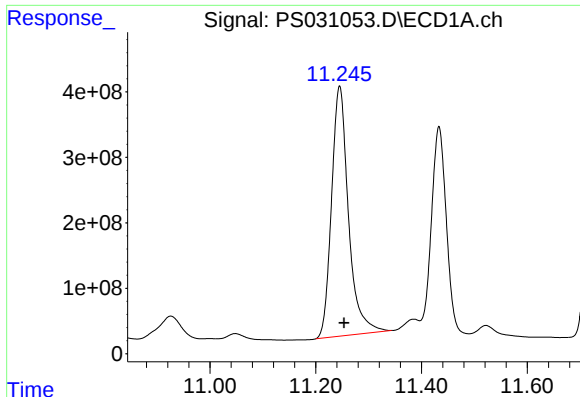
#14 DINOSEB

R.T.: 11.433 min  
Delta R.T.: -0.006 min  
Response: 6262548284  
Conc: 475.01 ng/ml m



#14 DINOSEB

R.T.: 11.308 min  
Delta R.T.: -0.002 min  
Response: 4535643930  
Conc: 399.56 ng/ml m



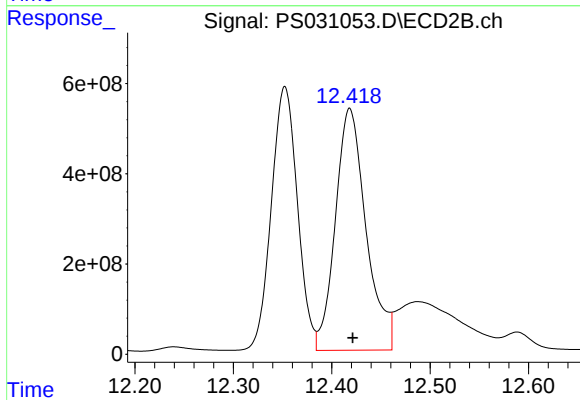
#15 Picloram

R.T.: 11.245 min  
Delta R.T.: -0.009 min  
Response: 8468064790  
Conc: 581.12 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MSD

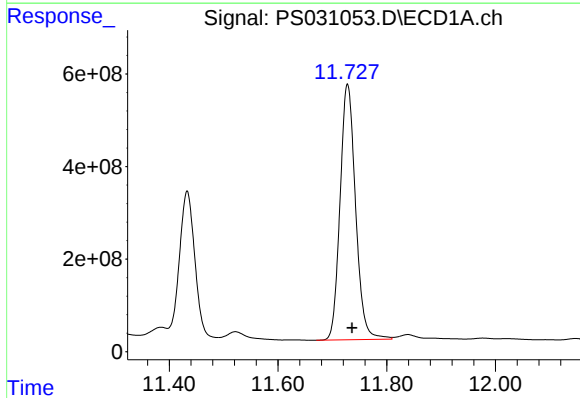
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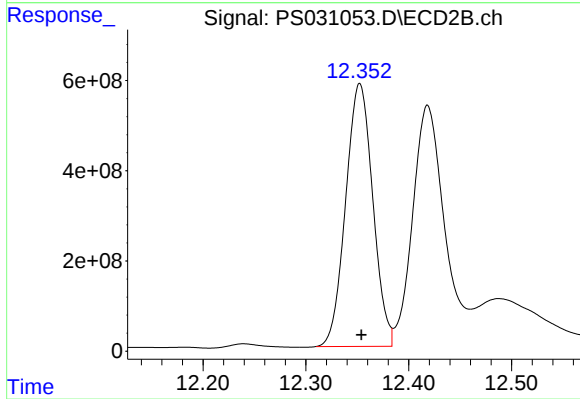
#15 Picloram

R.T.: 12.418 min  
Delta R.T.: -0.003 min  
Response: 11656938902  
Conc: 496.45 ng/ml m



#16 DCPA

R.T.: 11.728 min  
Delta R.T.: -0.008 min  
Response: 10926816822  
Conc: 456.48 ng/ml



#16 DCPA

R.T.: 12.352 min  
Delta R.T.: -0.002 min  
Response: 10696342045  
Conc: 474.30 ng/ml m