

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061125\  
 Data File : PS030633.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jun 2025 16:48  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/12/2025  
 Supervised By :mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 12 03:25:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS060425.M  
 Quant Title : 8080.M  
 QLast Update : Wed Jun 04 13:21:22 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     | 7.356  | 7.768  | 2658.8E6  | 787.0E6   | 704.300m | 731.691  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.714  | 2.711  | 3848.1E6  | 1835.5E6  | 681.450  | 669.898  |
| 2) T                        | 3,5-DICHL... | 6.514  | 6.713  | 3710.7E6  | 1097.5E6  | 683.838  | 701.617  |
| 3) T                        | 4-Nitroph... | 7.156  | 7.299  | 1169.7E6  | 1149.3E6  | 637.895  | 733.315  |
| 5) T                        | DICAMBA      | 7.547  | 7.971  | 10919.7E6 | 4633.7E6  | 708.032  | 719.330  |
| 6) T                        | MCPD         | 7.729  | 8.070  | 722.0E6   | 164.0E6   | 72.897m  | 70.936   |
| 7) T                        | MCPA         | 7.880  | 8.320  | 862.0E6   | 200.4E6   | 67.931   | 64.951   |
| 8) T                        | DICHLORPROP  | 8.262  | 8.690  | 2488.1E6  | 1038.9E6  | 683.896  | 699.994  |
| 9) T                        | 2,4-D        | 8.495  | 9.026  | 2424.8E6  | 1116.9E6  | 665.496  | 710.366  |
| 10) T                       | Pentachlo... | 8.800  | 9.552  | 38289.9E6 | 26776.2E6 | 753.943m | 740.943  |
| 11) T                       | 2,4,5-TP ... | 9.385  | 9.933  | 14563.5E6 | 9870.9E6  | 704.739  | 719.626  |
| 12) T                       | 2,4,5-T      | 9.679  | 10.359 | 12555.2E6 | 9362.9E6  | 681.197  | 717.070  |
| 13) T                       | 2,4-DB       | 10.258 | 10.925 | 1919.0E6  | 801.9E6   | 632.011  | 697.562  |
| 14) T                       | DINOSEB      | 11.479 | 11.311 | 10089.9E6 | 7216.9E6  | 701.912m | 718.095  |
| 15) T                       | Picloram     | 11.285 | 12.419 | 12305.2E6 | 15248.2E6 | 615.112m | 690.468  |
| 16) T                       | DCPA         | 11.776 | 12.355 | 18954.1E6 | 15385.1E6 | 716.871  | 751.853m |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061125\  
Data File : PS030633.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jun 2025 16:48  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

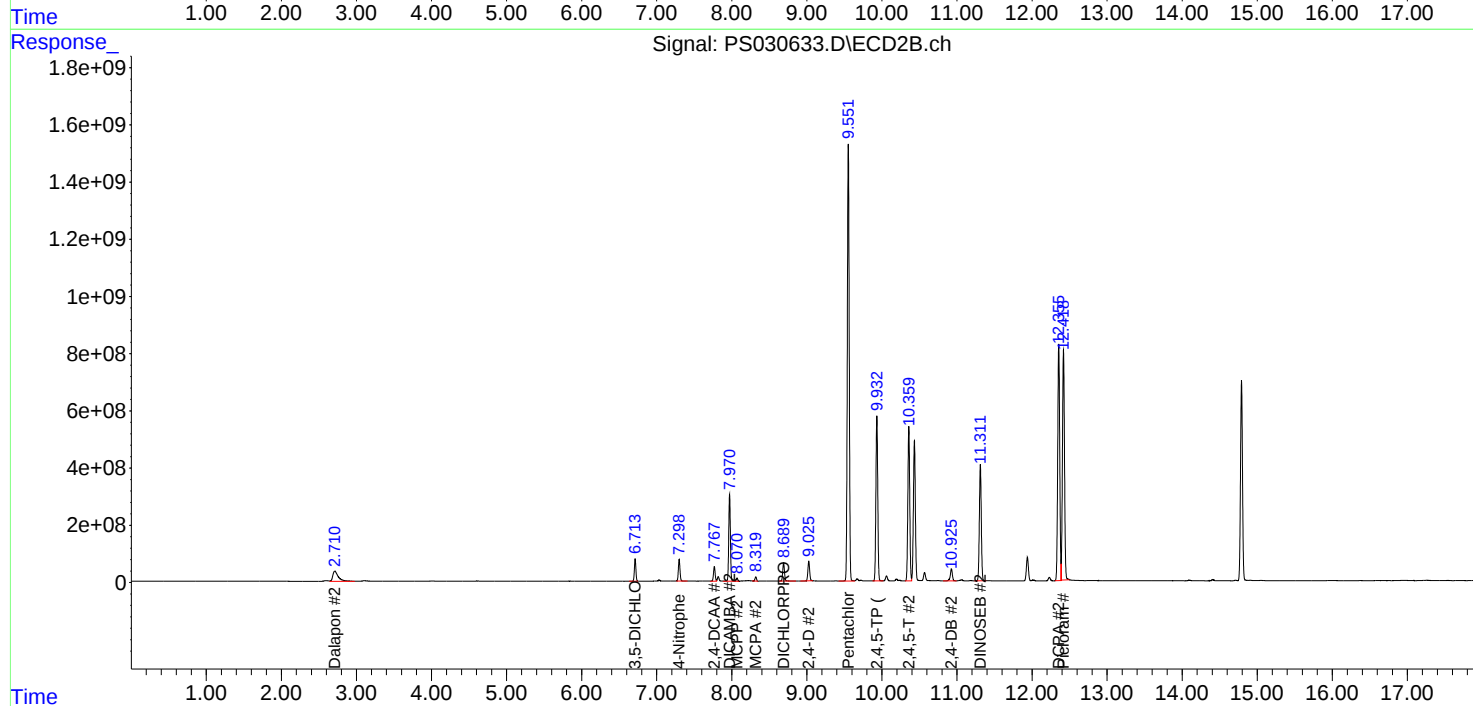
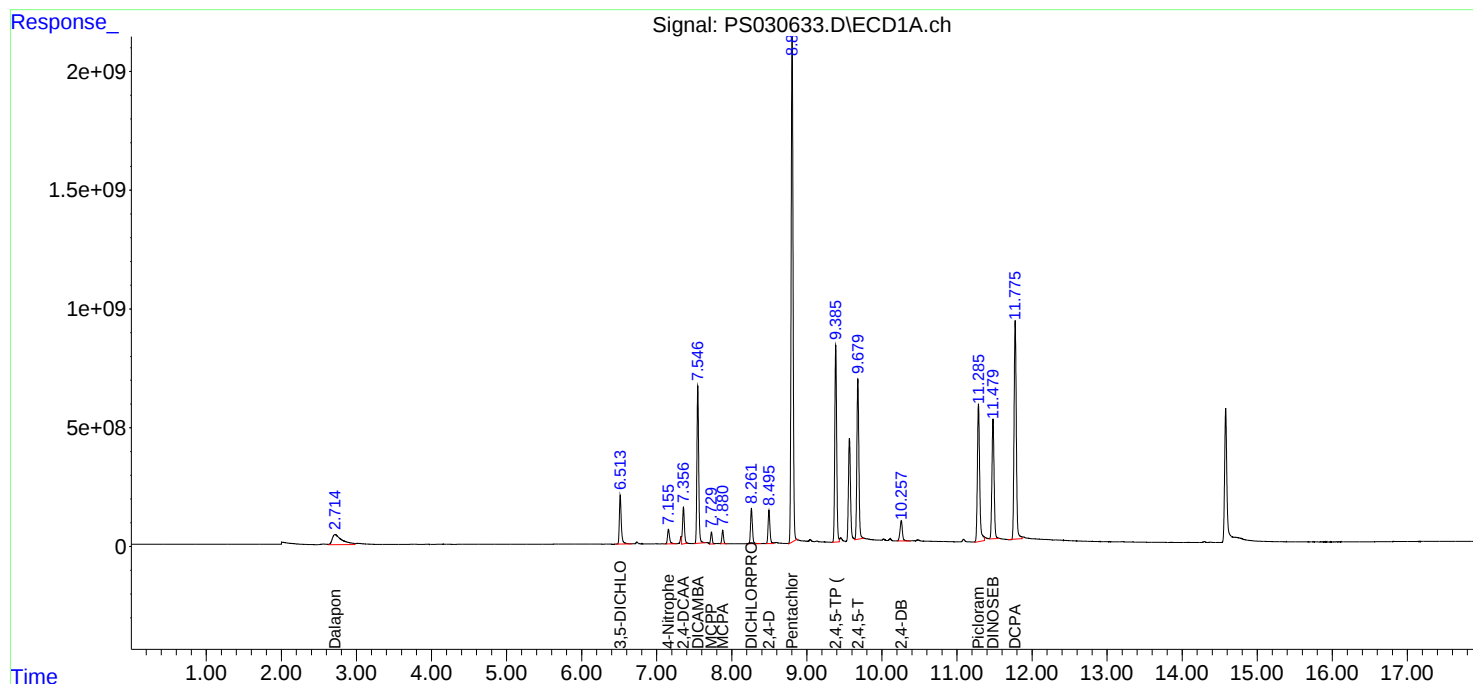
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

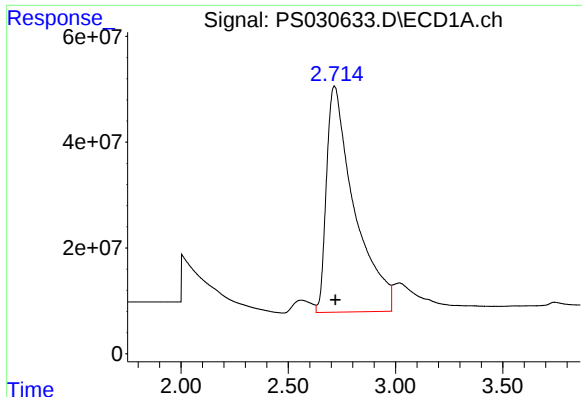
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS060425.M  
Quant Title : 8080.M  
QLast Update : Wed Jun 04 13:21:22 2025  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





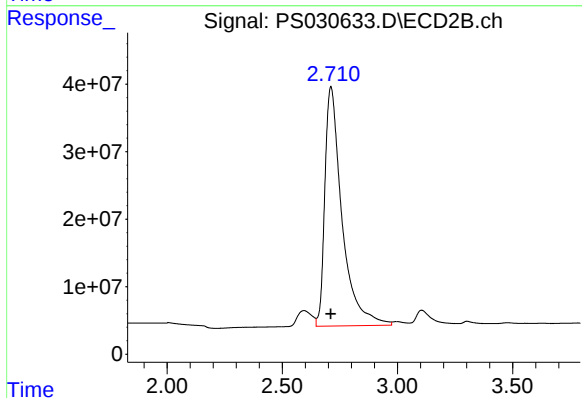
#1 Dalapon

R.T.: 2.714 min  
Delta R.T.: -0.006 min  
Response: 3848127566  
Conc: 681.45 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

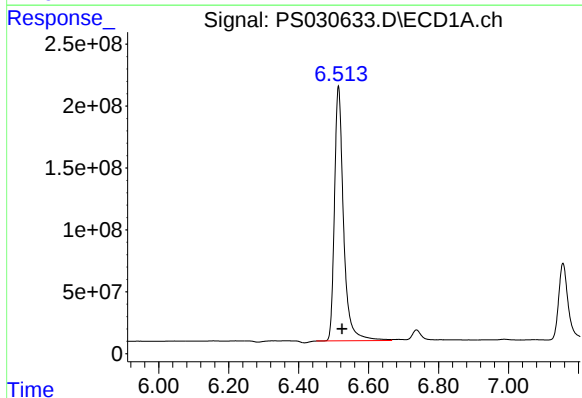
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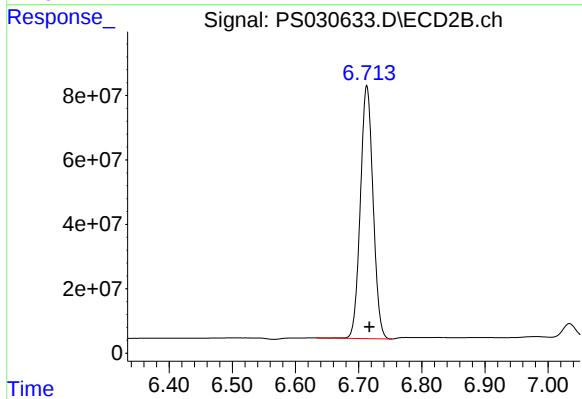
#1 Dalapon

R.T.: 2.711 min  
Delta R.T.: 0.000 min  
Response: 1835529945  
Conc: 669.90 ng/ml



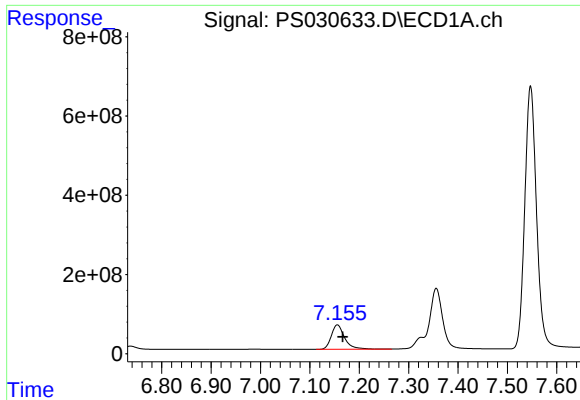
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.514 min  
Delta R.T.: -0.010 min  
Response: 3710745715  
Conc: 683.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min  
Delta R.T.: -0.004 min  
Response: 1097502954  
Conc: 701.62 ng/ml



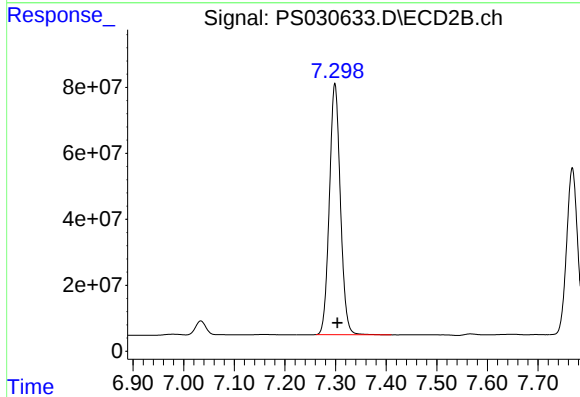
#3 4-Nitrophenol

R.T.: 7.156 min  
Delta R.T.: -0.011 min  
Response: 1169744095  
Conc: 637.90 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

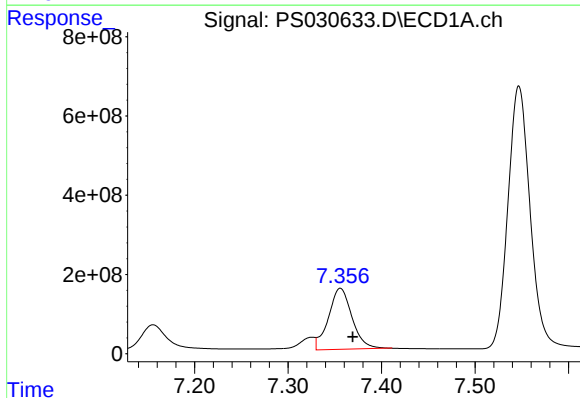
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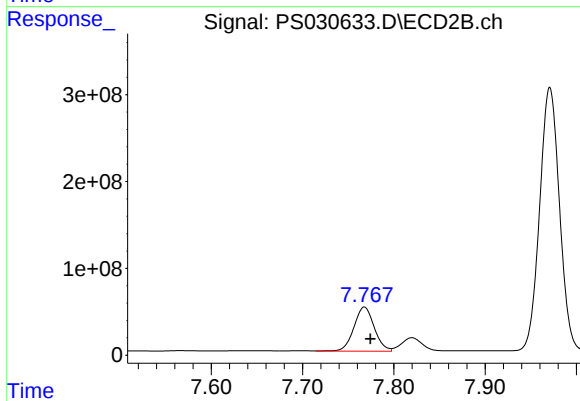
#3 4-Nitrophenol

R.T.: 7.299 min  
Delta R.T.: -0.005 min  
Response: 1149282802  
Conc: 733.32 ng/ml



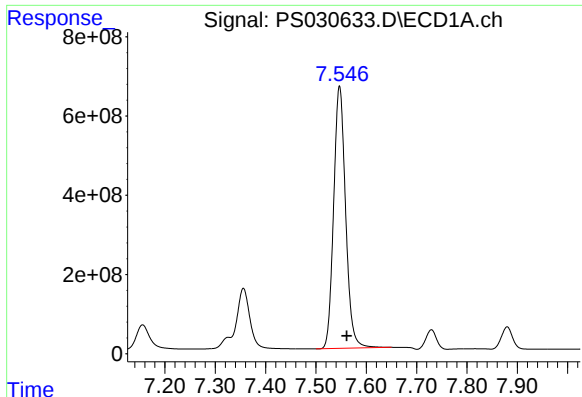
#4 2,4-DCAA

R.T.: 7.356 min  
Delta R.T.: -0.013 min  
Response: 2658833097  
Conc: 704.30 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min  
Delta R.T.: -0.007 min  
Response: 787014585  
Conc: 731.69 ng/ml



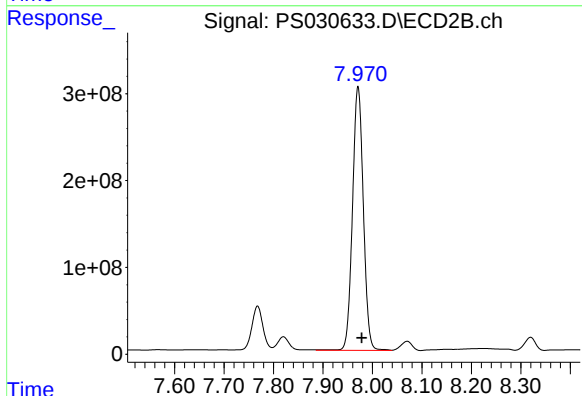
#5 DICAMBA

R.T.: 7.547 min  
Delta R.T.: -0.014 min  
Response: 10919653910  
Conc: 708.03 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

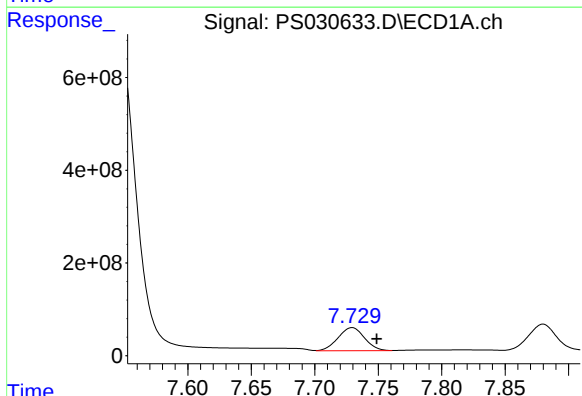
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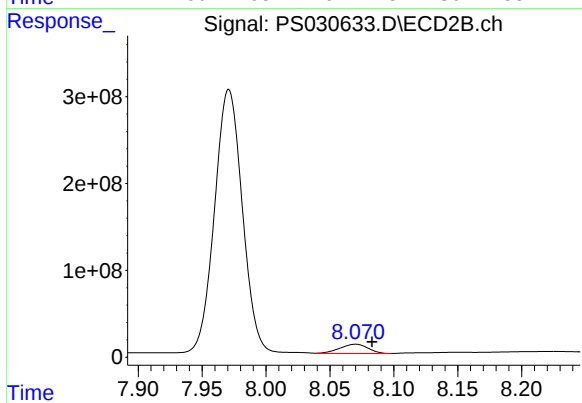
#5 DICAMBA

R.T.: 7.971 min  
Delta R.T.: -0.008 min  
Response: 4633670792  
Conc: 719.33 ng/ml



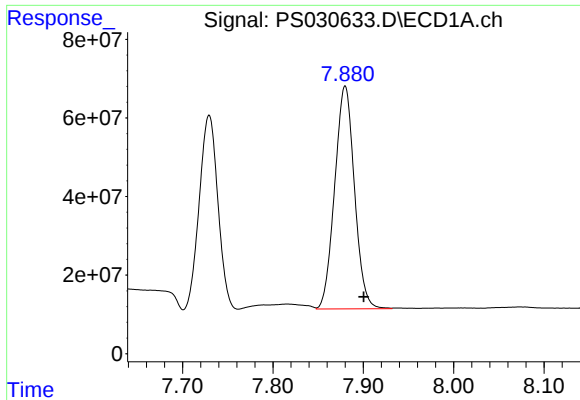
#6 MCPP

R.T.: 7.729 min  
Delta R.T.: -0.020 min  
Response: 722035773  
Conc: 72.90 ug/ml m



#6 MCPP

R.T.: 8.070 min  
Delta R.T.: -0.013 min  
Response: 163974188  
Conc: 70.94 ug/ml



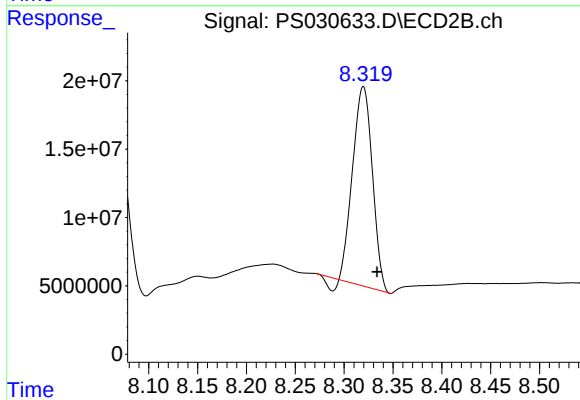
#7 MCPA

R.T.: 7.880 min  
Delta R.T.: -0.021 min  
Response: 862009196  
Conc: 67.93 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

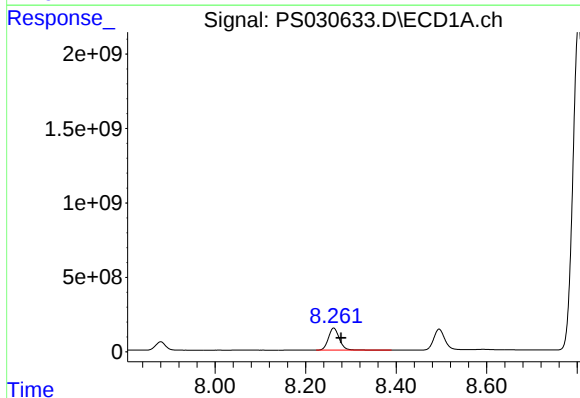
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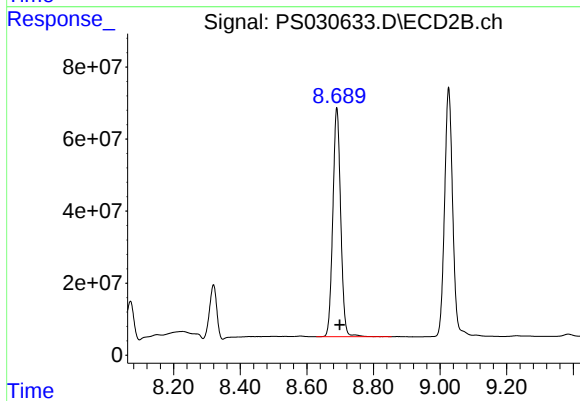
#7 MCPA

R.T.: 8.320 min  
Delta R.T.: -0.014 min  
Response: 200433597  
Conc: 64.95 ug/ml



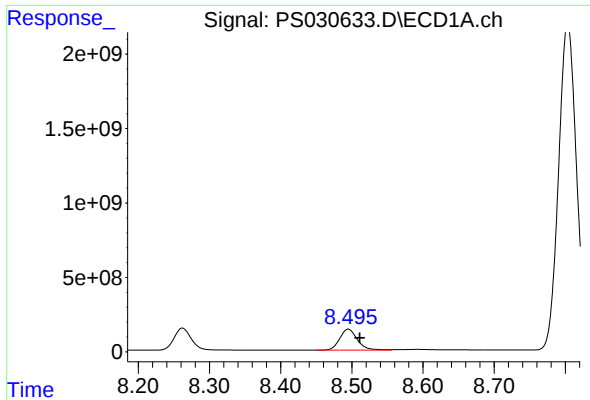
#8 DICHLORPROP

R.T.: 8.262 min  
Delta R.T.: -0.016 min  
Response: 2488112864  
Conc: 683.90 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min  
Delta R.T.: -0.009 min  
Response: 1038933760  
Conc: 699.99 ng/ml



#9 2,4-D

R.T.: 8.495 min  
Delta R.T.: -0.016 min  
Response: 2424808785  
Conc: 665.50 ng/ml

Instrument :

ECD\_S

ClientSampleId :

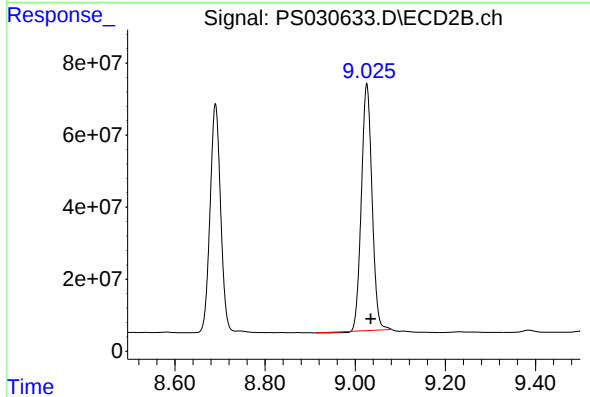
HSTDCCC750

Manual Integrations

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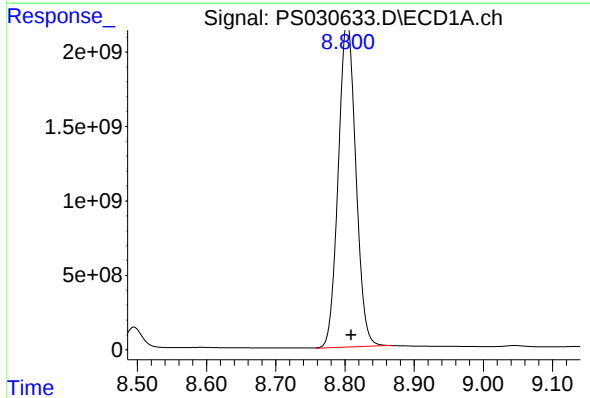
Reviewed By :Abdul Mirza 06/12/2025

Supervised By :mohammad ahmed 06/16/2025



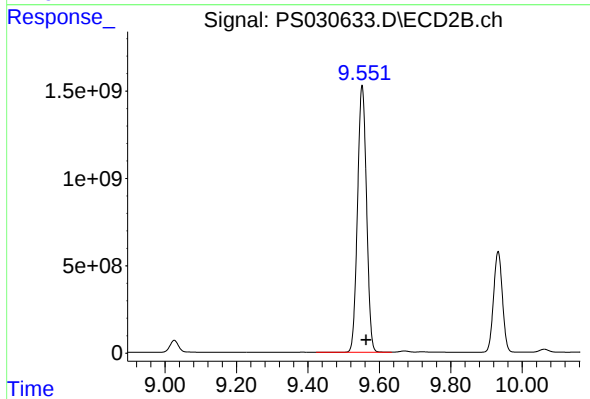
#9 2,4-D

R.T.: 9.026 min  
Delta R.T.: -0.009 min  
Response: 1116924020  
Conc: 710.37 ng/ml



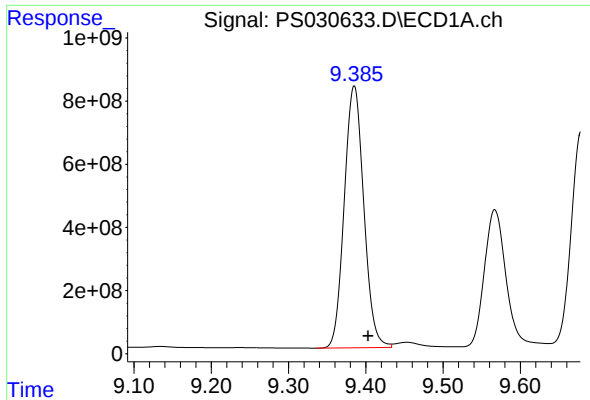
#10 Pentachlorophenol

R.T.: 8.800 min  
Delta R.T.: -0.009 min  
Response: 38289881572  
Conc: 753.94 ng/ml m



#10 Pentachlorophenol

R.T.: 9.552 min  
Delta R.T.: -0.011 min  
Response: 26776206588  
Conc: 740.94 ng/ml



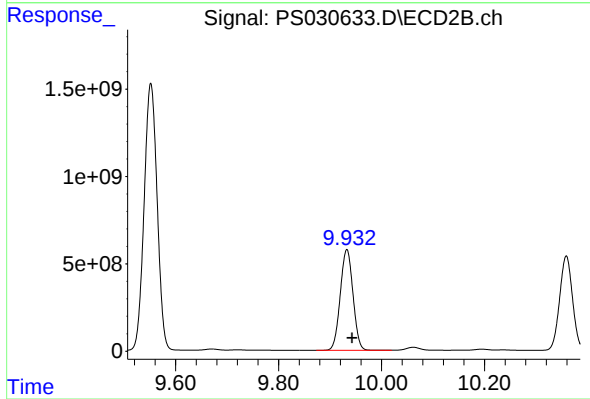
#11 2,4,5-TP (SILVEX)

R.T.: 9.385 min  
Delta R.T.: -0.018 min  
Response: 14563496455  
Conc: 704.74 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

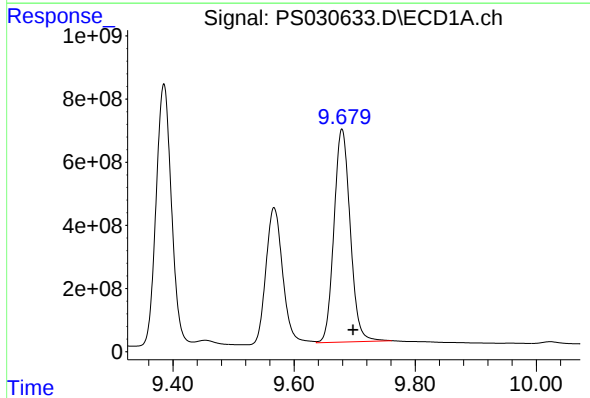
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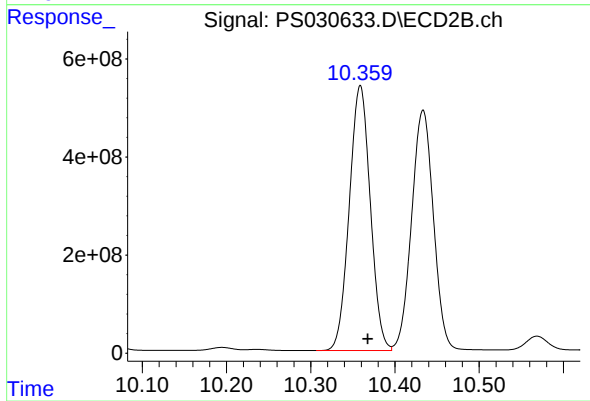
#11 2,4,5-TP (SILVEX)

R.T.: 9.933 min  
Delta R.T.: -0.010 min  
Response: 9870928776  
Conc: 719.63 ng/ml



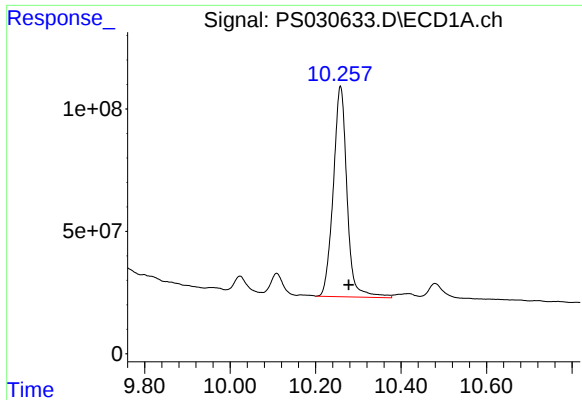
#12 2,4,5-T

R.T.: 9.679 min  
Delta R.T.: -0.018 min  
Response: 12555177686  
Conc: 681.20 ng/ml



#12 2,4,5-T

R.T.: 10.359 min  
Delta R.T.: -0.009 min  
Response: 9362879062  
Conc: 717.07 ng/ml



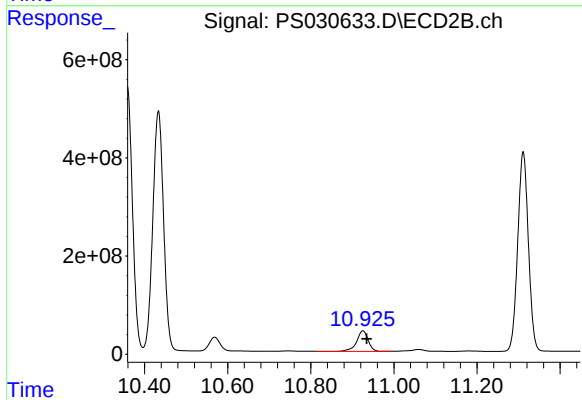
#13 2,4-DB

R.T.: 10.258 min  
Delta R.T.: -0.019 min  
Response: 1919014258  
Conc: 632.01 ng/ml

Instrument :  
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HSTDCCC750

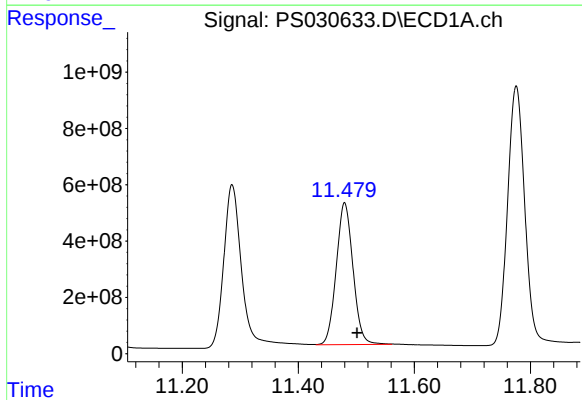
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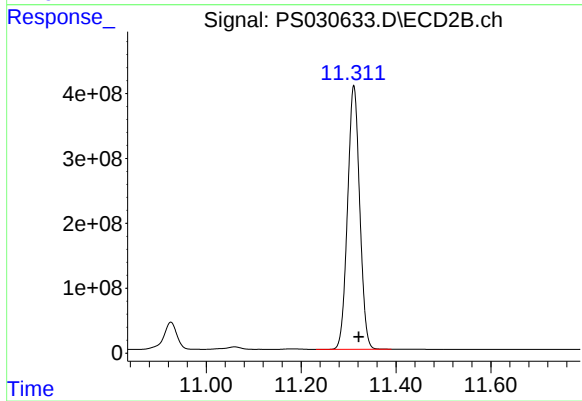
#13 2,4-DB

R.T.: 10.925 min  
Delta R.T.: -0.010 min  
Response: 801884752  
Conc: 697.56 ng/ml



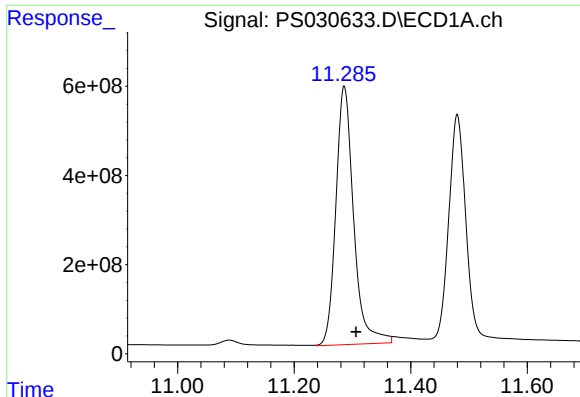
#14 DINOSEB

R.T.: 11.479 min  
Delta R.T.: -0.022 min  
Response: 10089938153  
Conc: 701.91 ng/ml m



#14 DINOSEB

R.T.: 11.311 min  
Delta R.T.: -0.011 min  
Response: 7216938342  
Conc: 718.10 ng/ml



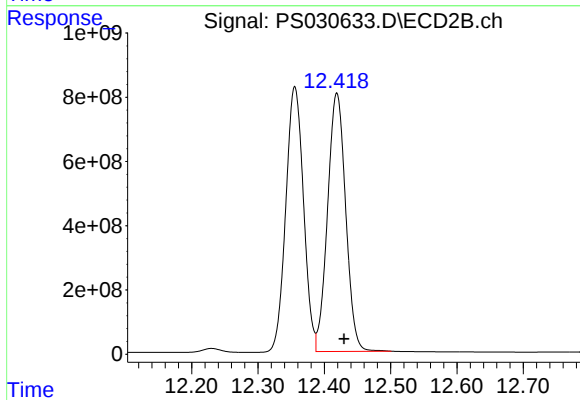
#15 Picloram

R.T.: 11.285 min  
Delta R.T.: -0.021 min  
Response: 12305197180  
Conc: 615.11 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

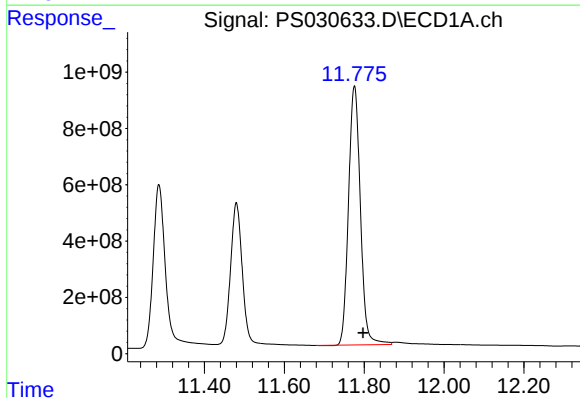
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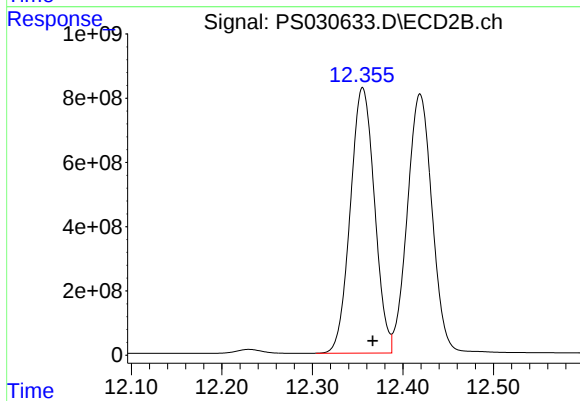
#15 Picloram

R.T.: 12.419 min  
Delta R.T.: -0.011 min  
Response: 15248211607  
Conc: 690.47 ng/ml



#16 DCPA

R.T.: 11.776 min  
Delta R.T.: -0.021 min  
Response: 18954139540  
Conc: 716.87 ng/ml



#16 DCPA

R.T.: 12.355 min  
Delta R.T.: -0.012 min  
Response: 15385121561  
Conc: 751.85 ng/ml m