

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS041125\  
 Data File : PS029801.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Apr 2025 10:29  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/14/2025  
 Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 12 00:01:38 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 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     | 6.956  | 7.494  | 1488.8E6  | 493.8E6   | 730.225 | 724.548  |
| Target Compounds            |              |        |        |           |           |         |          |
| 1) T                        | Dalapon      | 2.452  | 2.525  | 2261.9E6  | 925.0E6   | 666.762 | 582.672  |
| 2) T                        | 3,5-DICHL... | 6.158  | 6.484  | 2119.6E6  | 628.4E6   | 704.697 | 650.793  |
| 3) T                        | 4-Nitroph... | 6.747  | 7.026  | 1021.6E6  | 440.9E6   | 727.212 | 621.920  |
| 5) T                        | DICAMBA      | 7.134  | 7.681  | 5901.7E6  | 2539.0E6  | 709.177 | 687.446  |
| 6) T                        | MCPD         | 7.312  | 7.788  | 364.9E6   | 108.9E6   | 67.327  | 64.509   |
| 7) T                        | MCPA         | 7.455  | 8.020  | 491.7E6   | 142.6E6   | 67.640  | 62.664   |
| 8) T                        | DICHLORPROP  | 7.816  | 8.377  | 1631.4E6  | 659.0E6   | 741.732 | 682.096  |
| 9) T                        | 2,4-D        | 8.036  | 8.692  | 1737.8E6  | 705.1E6   | 721.192 | 653.756  |
| 10) T                       | Pentachlo... | 8.316  | 9.194  | 20878.4E6 | 12901.2E6 | 686.676 | 719.621  |
| 11) T                       | 2,4,5-TP ... | 8.882  | 9.573  | 8275.1E6  | 5155.7E6  | 712.426 | 714.780  |
| 12) T                       | 2,4,5-T      | 9.164  | 9.978  | 8325.9E6  | 4867.8E6  | 723.710 | 726.230  |
| 13) T                       | 2,4-DB       | 9.723  | 10.536 | 1393.8E6  | 474.3E6   | 767.189 | 639.284m |
| 14) T                       | DINOSEB      | 10.888 | 10.909 | 5765.6E6  | 3430.2E6  | 682.961 | 670.895  |
| 15) T                       | Picloram     | 10.706 | 11.944 | 11003.9E6 | 8017.4E6  | 709.911 | 678.037m |
| 16) T                       | DCPA         | 11.189 | 11.938 | 10128.6E6 | 5981.2E6  | 725.225 | 675.786m |
| -----                       |              |        |        |           |           |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS041125\  
Data File : PS029801.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Apr 2025 10:29  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

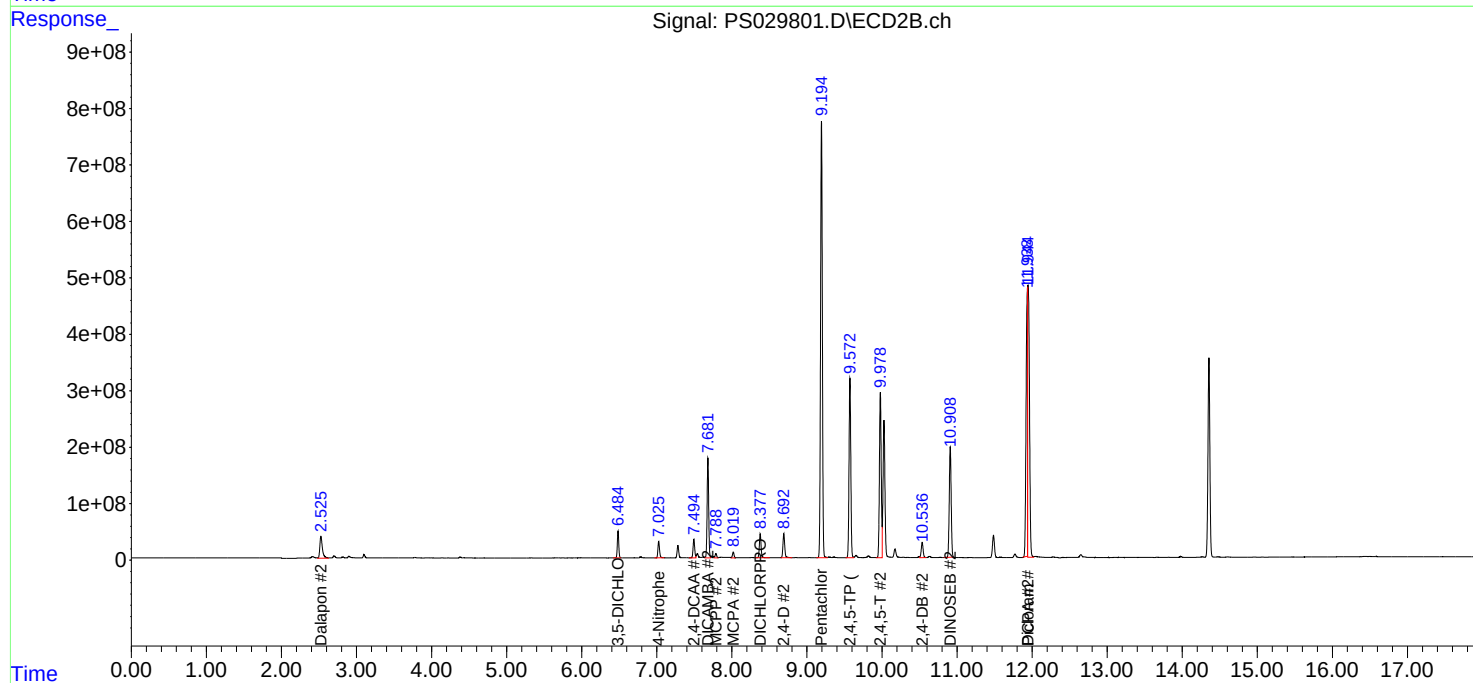
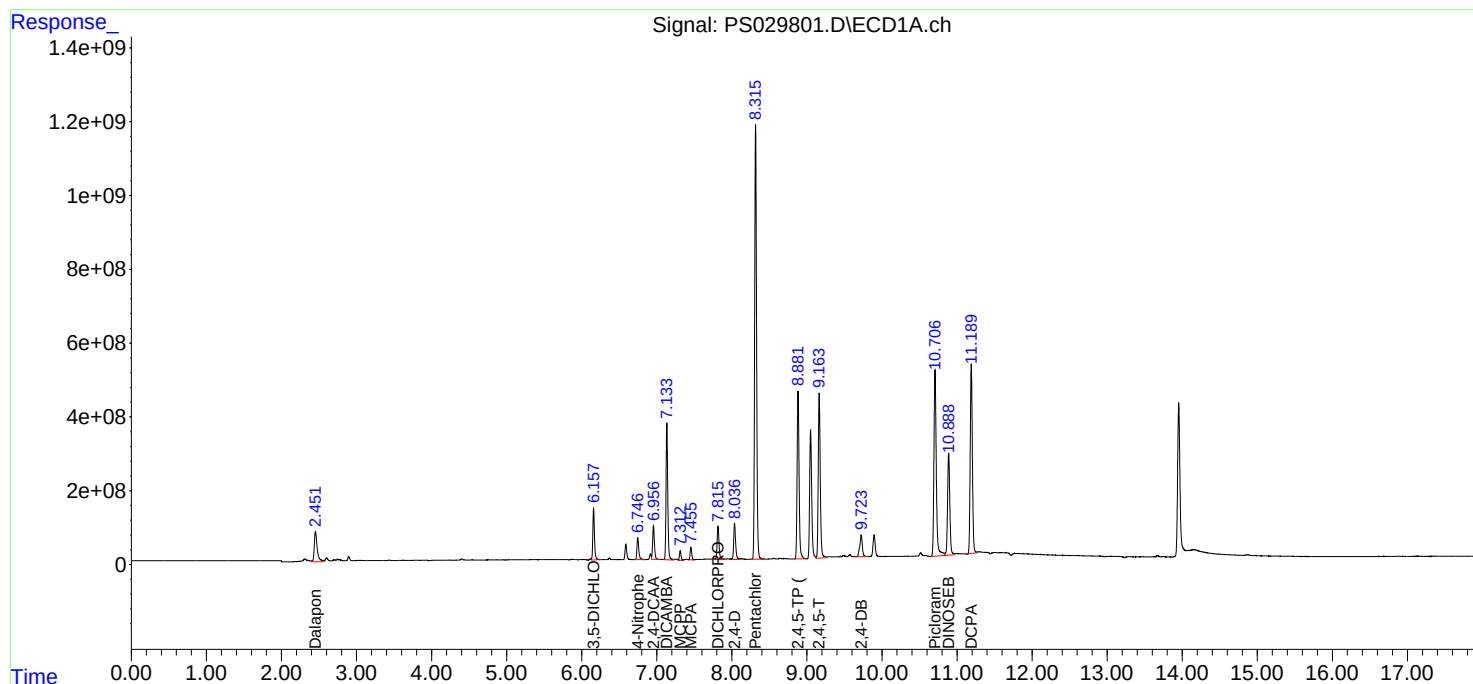
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

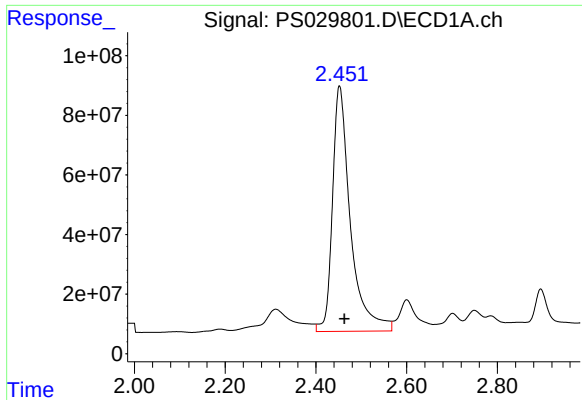
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 12 00:01:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS040225.M  
Quant Title : 8080.M  
QLast Update : Wed Apr 02 23:52:55 2025  
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Volume Inj. : 1 µl  
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





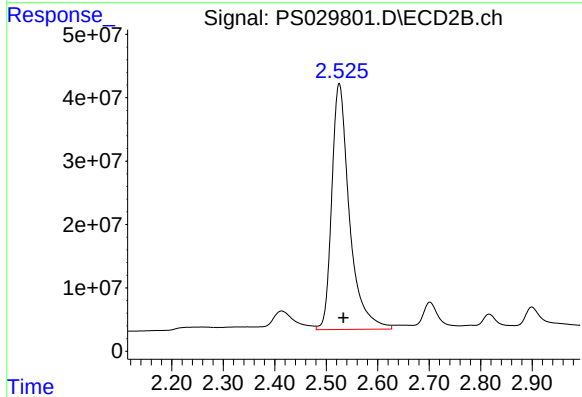
#1 Dalapon

R.T.: 2.452 min  
Delta R.T.: -0.011 min  
Response: 2261921588  
Conc: 666.76 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

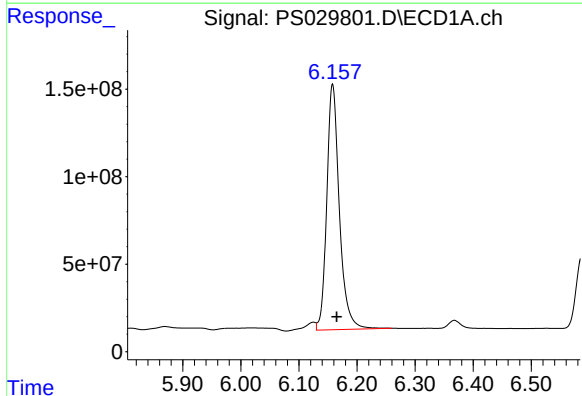
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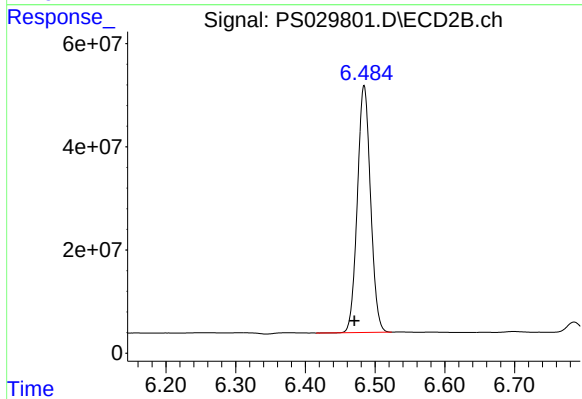
#1 Dalapon

R.T.: 2.525 min  
Delta R.T.: -0.008 min  
Response: 925048260  
Conc: 582.67 ng/ml



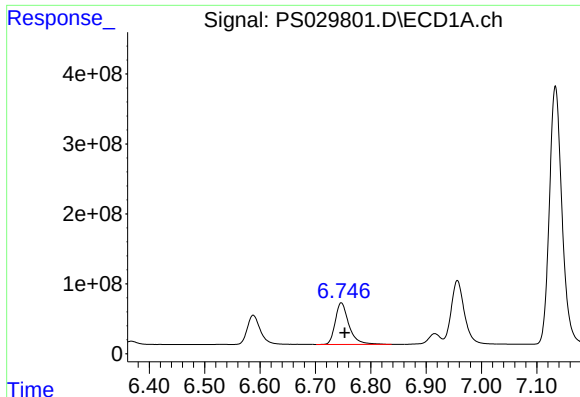
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.158 min  
Delta R.T.: -0.007 min  
Response: 2119559990  
Conc: 704.70 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.484 min  
Delta R.T.: 0.014 min  
Response: 628377565  
Conc: 650.79 ng/ml



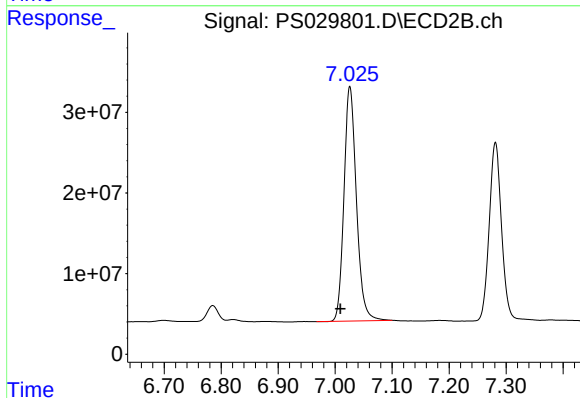
#3 4-Nitrophenol

R.T.: 6.747 min  
Delta R.T.: -0.006 min  
Response: 1021586143  
Conc: 727.21 ng/ml

Instrument :  
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ClientSampleId :  
HSTDCCC750

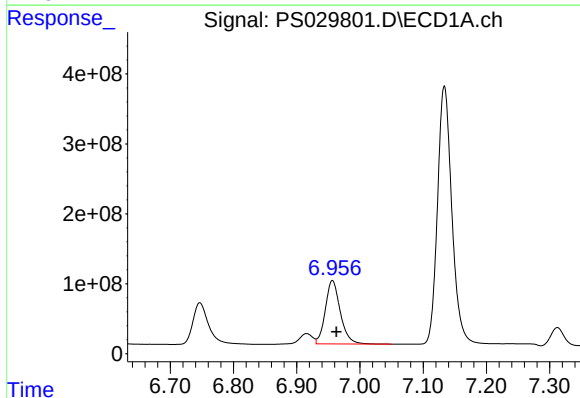
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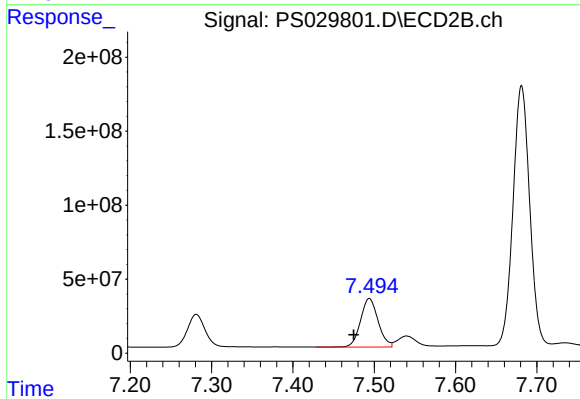
#3 4-Nitrophenol

R.T.: 7.026 min  
Delta R.T.: 0.017 min  
Response: 440940329  
Conc: 621.92 ng/ml



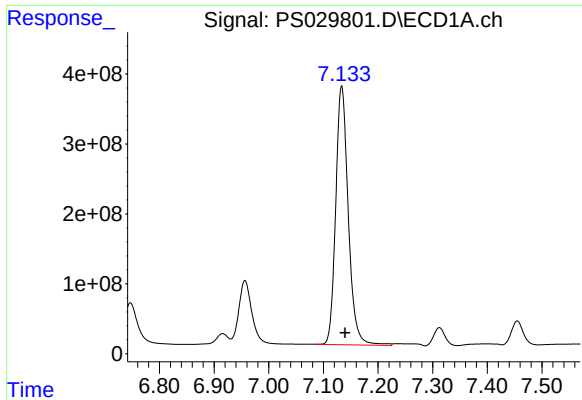
#4 2,4-DCAA

R.T.: 6.956 min  
Delta R.T.: -0.006 min  
Response: 1488804950  
Conc: 730.22 ng/ml



#4 2,4-DCAA

R.T.: 7.494 min  
Delta R.T.: 0.019 min  
Response: 493788898  
Conc: 724.55 ng/ml



#5 DICAMBA

R.T.: 7.134 min  
Delta R.T.: -0.006 min  
Response: 5901730560  
Conc: 709.18 ng/ml

Instrument :

ECD\_S

ClientSampleId :

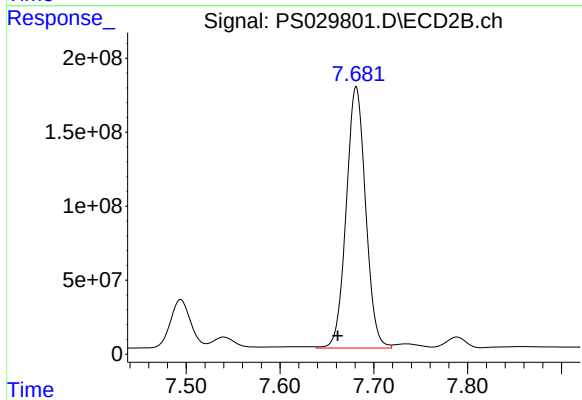
HSTDCCC750

Manual Integrations

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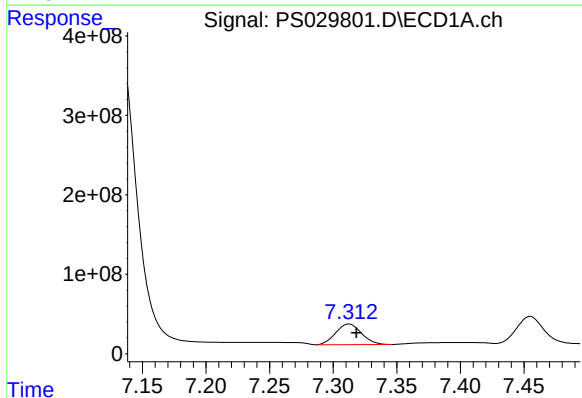
Reviewed By :Abdul Mirza 04/14/2025

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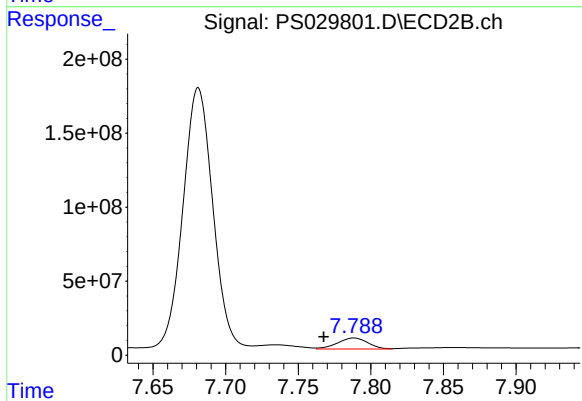
#5 DICAMBA

R.T.: 7.681 min  
Delta R.T.: 0.020 min  
Response: 2538992806  
Conc: 687.45 ng/ml



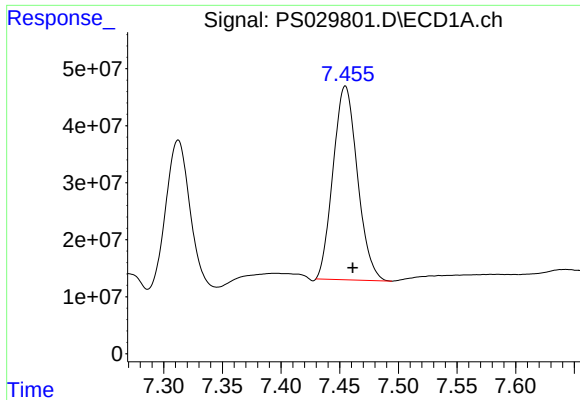
#6 MCP

R.T.: 7.312 min  
Delta R.T.: -0.006 min  
Response: 364900992  
Conc: 67.33 ug/ml



#6 MCP

R.T.: 7.788 min  
Delta R.T.: 0.021 min  
Response: 108922740  
Conc: 64.51 ug/ml



#7 MCPA

R.T.: 7.455 min  
Delta R.T.: -0.006 min  
Response: 491676649  
Conc: 67.64 ug/ml

Instrument :

ECD\_S

ClientSampleId :

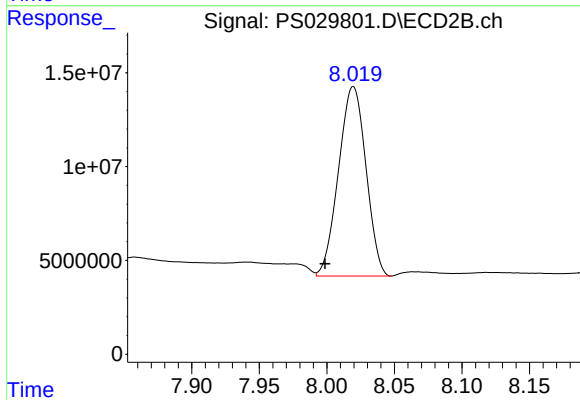
HSTDCCC750

Manual Integrations

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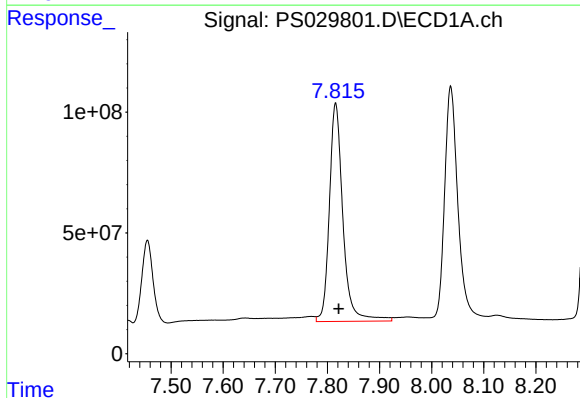
Reviewed By :Abdul Mirza 04/14/2025

Supervised By :mohammad ahmed 04/15/2025



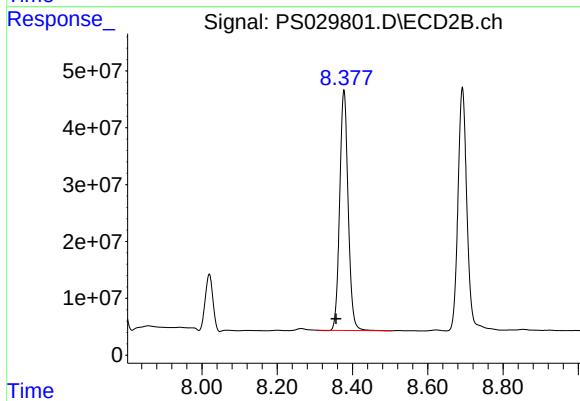
#7 MCPA

R.T.: 8.020 min  
Delta R.T.: 0.021 min  
Response: 142576265  
Conc: 62.66 ug/ml



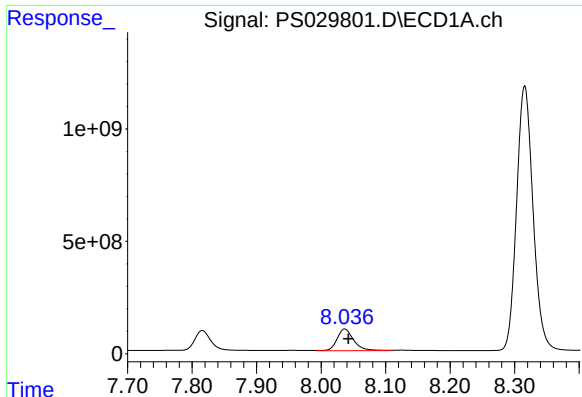
#8 DICHLORPROP

R.T.: 7.816 min  
Delta R.T.: -0.006 min  
Response: 1631394373  
Conc: 741.73 ng/ml



#8 DICHLORPROP

R.T.: 8.377 min  
Delta R.T.: 0.021 min  
Response: 659008794  
Conc: 682.10 ng/ml



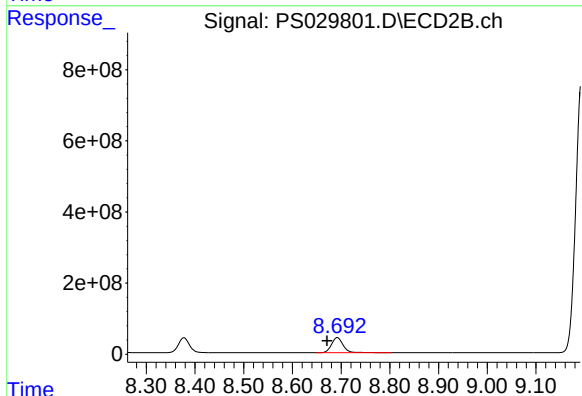
#9 2,4-D

R.T.: 8.036 min  
Delta R.T.: -0.006 min  
Response: 1737777180  
Conc: 721.19 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

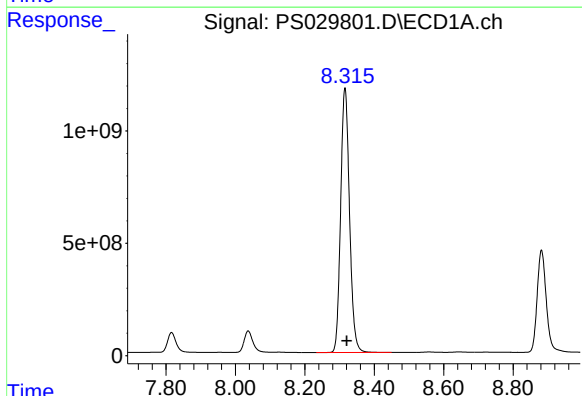
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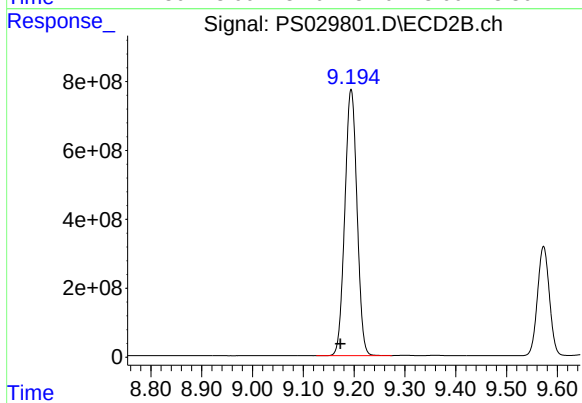
#9 2,4-D

R.T.: 8.692 min  
Delta R.T.: 0.021 min  
Response: 705052525  
Conc: 653.76 ng/ml



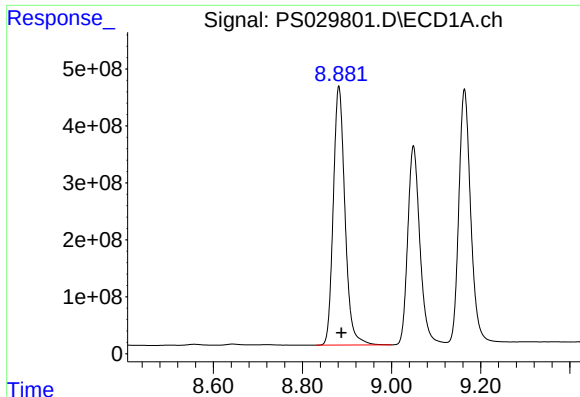
#10 Pentachlorophenol

R.T.: 8.316 min  
Delta R.T.: -0.005 min  
Response: 20878393974  
Conc: 686.68 ng/ml



#10 Pentachlorophenol

R.T.: 9.194 min  
Delta R.T.: 0.021 min  
Response: 12901164406  
Conc: 719.62 ng/ml



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

R.T.: 8.882 min  
Delta R.T.: -0.006 min  
Response: 8275080890  
Conc: 712.43 ng/ml

Instrument :

ECD\_S

ClientSampleId :

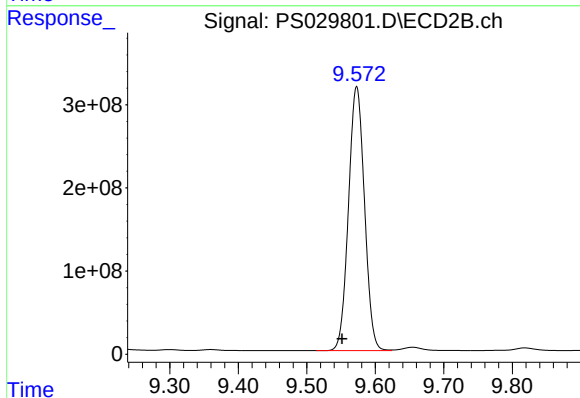
HSTDCCC750

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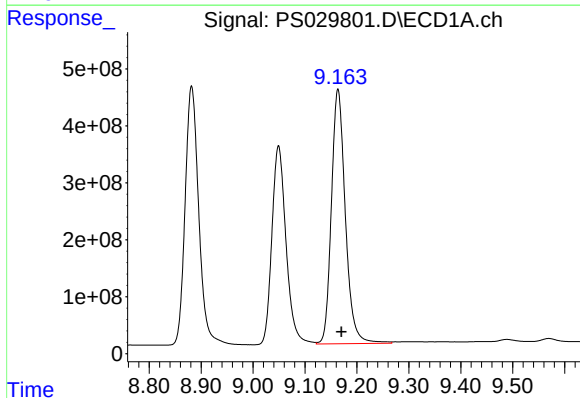
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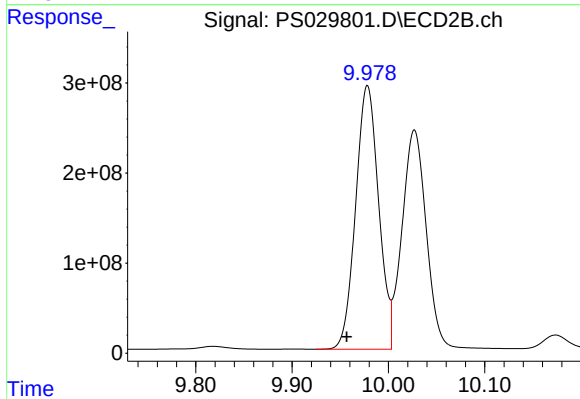
#11 2,4,5-TP (SILVEX)

R.T.: 9.573 min  
Delta R.T.: 0.021 min  
Response: 5155675875  
Conc: 714.78 ng/ml



#12 2,4,5-T

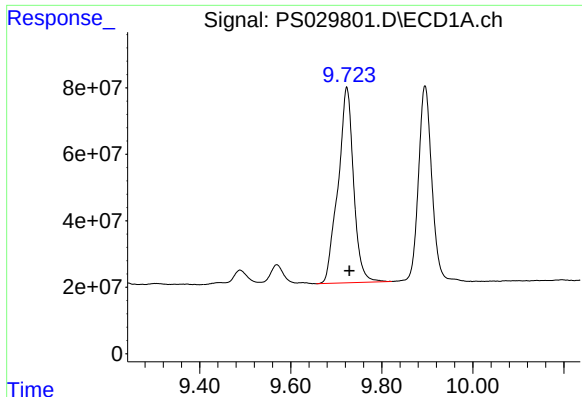
R.T.: 9.164 min  
Delta R.T.: -0.006 min  
Response: 8325868848  
Conc: 723.71 ng/ml



#12 2,4,5-T

R.T.: 9.978 min  
Delta R.T.: 0.021 min  
Response: 4867799486  
Conc: 726.23 ng/ml





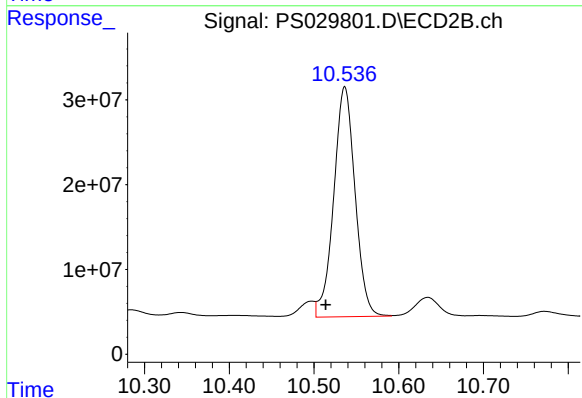
#13 2,4-DB

R.T.: 9.723 min  
Delta R.T.: -0.006 min  
Response: 1393786841  
Conc: 767.19 ng/ml

Instrument :  
ECD\_S  
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HSTDCCC750

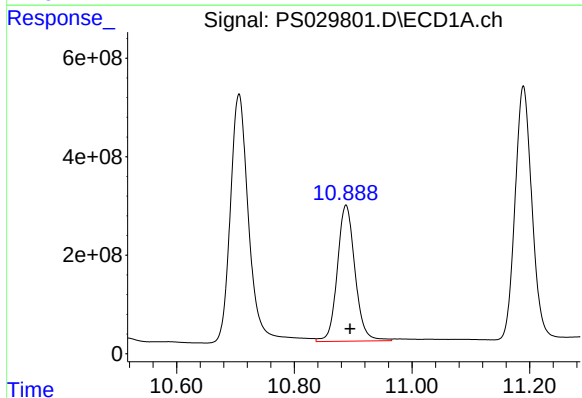
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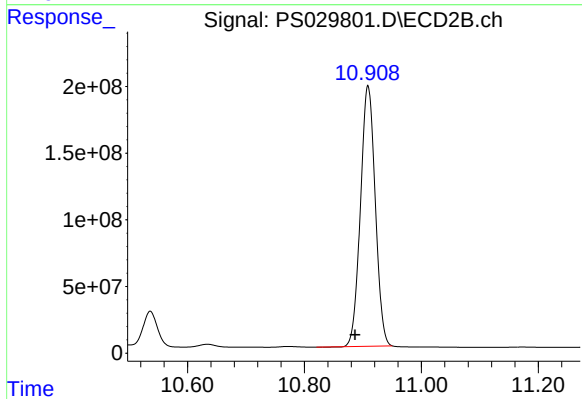
#13 2,4-DB

R.T.: 10.536 min  
Delta R.T.: 0.022 min  
Response: 474332694  
Conc: 639.28 ng/ml m



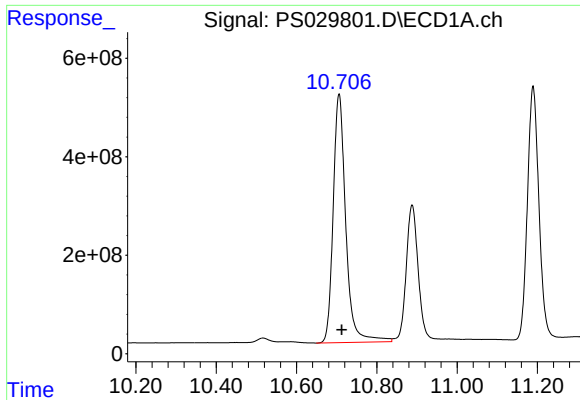
#14 DINOSEB

R.T.: 10.888 min  
Delta R.T.: -0.007 min  
Response: 5765586146  
Conc: 682.96 ng/ml



#14 DINOSEB

R.T.: 10.909 min  
Delta R.T.: 0.022 min  
Response: 3430154824  
Conc: 670.90 ng/ml



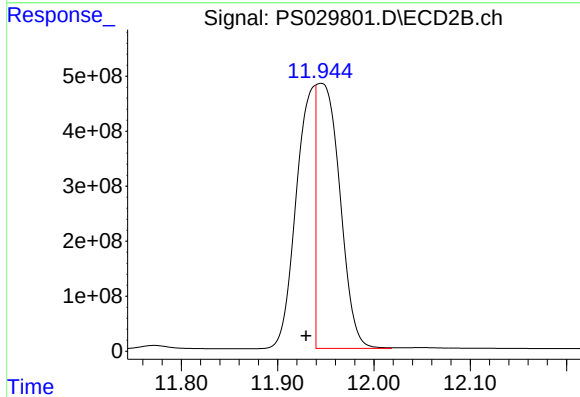
#15 Picloram

R.T.: 10.706 min  
Delta R.T.: -0.007 min  
Response: 11003895553  
Conc: 709.91 ng/ml

Instrument :  
ECD\_S  
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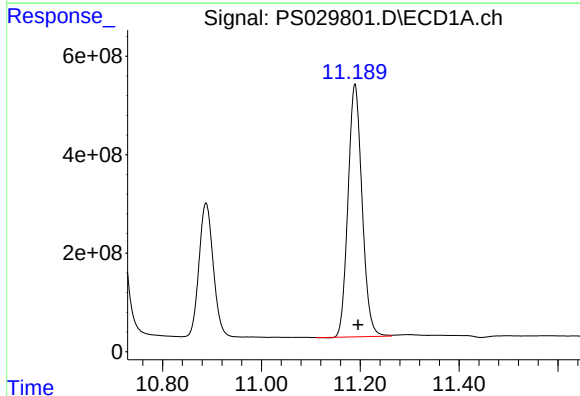
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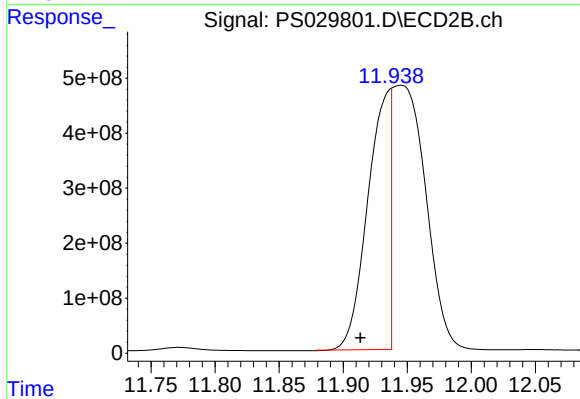
#15 Picloram

R.T.: 11.944 min  
Delta R.T.: 0.015 min  
Response: 8017400559  
Conc: 678.04 ng/ml m



#16 DCPA

R.T.: 11.189 min  
Delta R.T.: -0.006 min  
Response: 10128578099  
Conc: 725.23 ng/ml



#16 DCPA

R.T.: 11.938 min  
Delta R.T.: 0.024 min  
Response: 5981150990  
Conc: 675.79 ng/ml m