

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS052325\  
 Data File : PS030409.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 May 2025 04:30  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/27/2025  
 Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 24 05:02:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS051225.M  
 Quant Title : 8080.M  
 QLast Update : Mon May 12 14:29:24 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     | 6.926  | 7.443  | 2178.6E6  | 604.7E6   | 765.024  | 755.688  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.443  | 2.516  | 3280.5E6  | 1348.2E6  | 667.407  | 663.804  |
| 2) T                        | 3,5-DICHL... | 6.133  | 6.445  | 2958.4E6  | 788.4E6   | 709.360  | 676.219  |
| 3) T                        | 4-Nitroph... | 6.717  | 6.978  | 1457.1E6  | 659.9E6   | 705.384  | 632.091  |
| 5) T                        | DICAMBA      | 7.102  | 7.628  | 8419.2E6  | 3492.1E6  | 728.468  | 738.593  |
| 6) T                        | MCPD         | 7.282  | 7.736  | 570.8E6   | 129.2E6   | 78.374   | 70.234   |
| 7) T                        | MCPA         | 7.424  | 7.966  | 755.4E6   | 179.0E6   | 72.771   | 67.868   |
| 8) T                        | DICHLORPROP  | 7.782  | 8.319  | 2102.8E6  | 847.9E6   | 719.813  | 717.677  |
| 9) T                        | 2,4-D        | 8.002  | 8.631  | 2374.0E6  | 942.7E6   | 724.027  | 730.499  |
| 10) T                       | Pentachlo... | 8.279  | 9.130  | 30321.7E6 | 18780.7E6 | 748.669  | 760.817  |
| 11) T                       | 2,4,5-TP ... | 8.841  | 9.508  | 12056.7E6 | 7409.4E6  | 744.428m | 752.186  |
| 12) T                       | 2,4,5-T      | 9.124  | 9.912  | 12299.5E6 | 6853.2E6  | 744.738  | 744.626  |
| 13) T                       | 2,4-DB       | 9.681  | 10.468 | 2055.5E6  | 643.7E6   | 787.600  | 648.606  |
| 14) T                       | DINOSEB      | 10.840 | 10.842 | 8260.8E6  | 4960.6E6  | 722.325  | 726.081  |
| 15) T                       | Picloram     | 10.661 | 11.876 | 15870.3E6 | 10054.2E6 | 742.056  | 714.423m |
| 16) T                       | DCPA         | 11.142 | 11.873 | 14629.5E6 | 9615.9E6  | 734.727  | 711.735m |
| -----                       |              |        |        |           |           |          |          |

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

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Data File : PS030409.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 May 2025 04:30  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

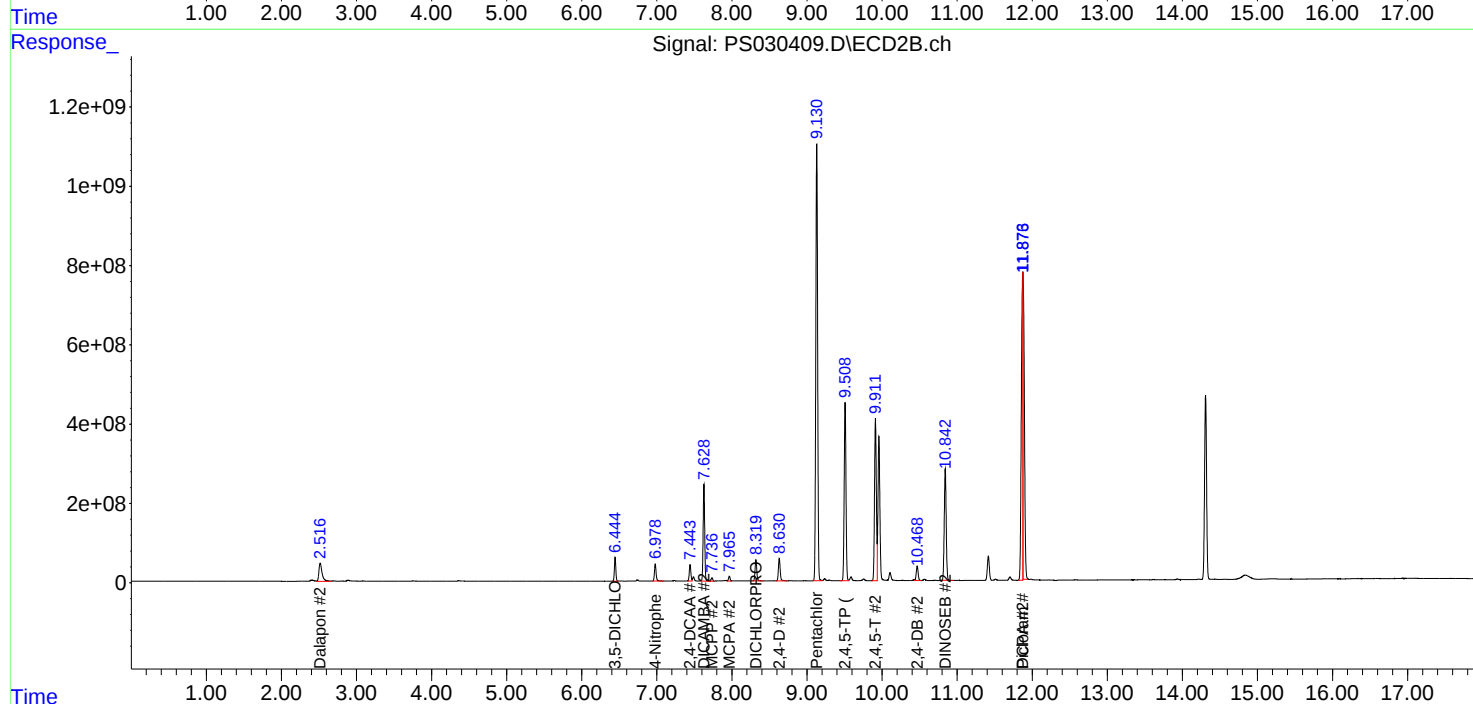
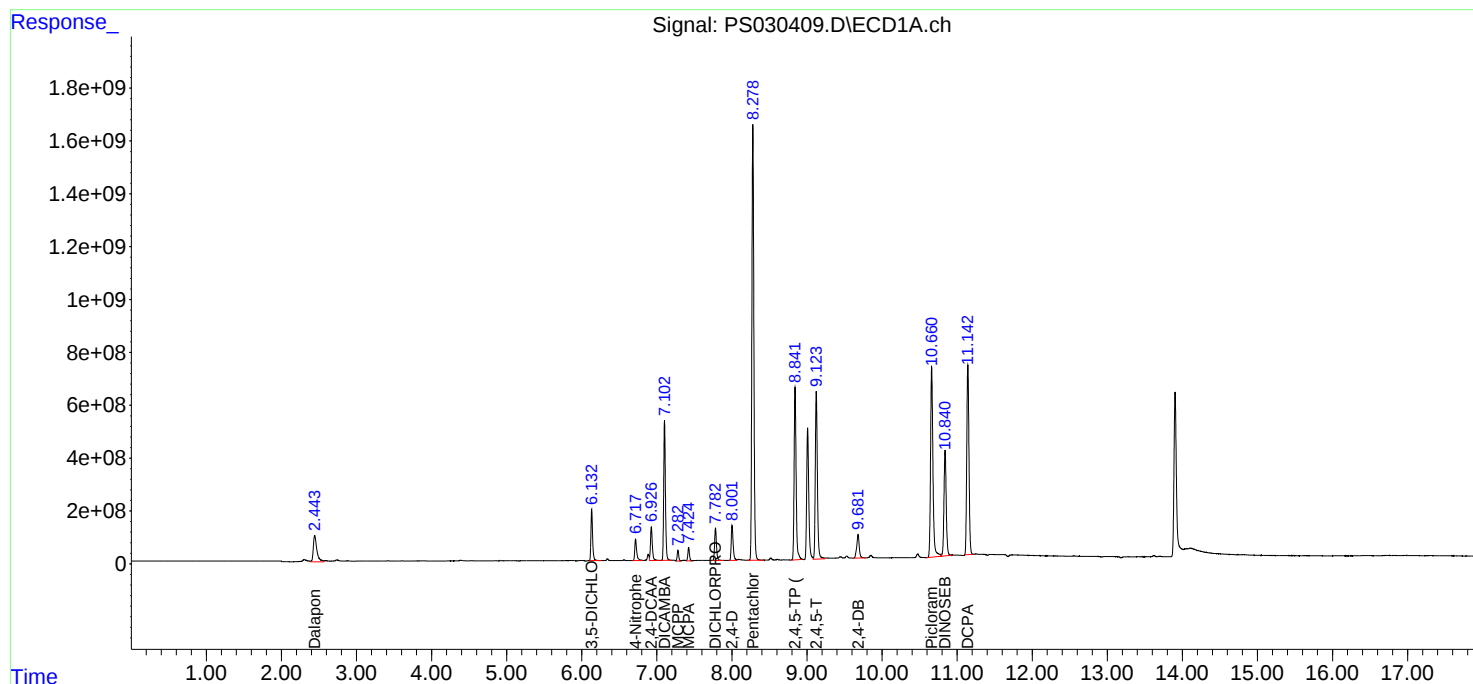
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

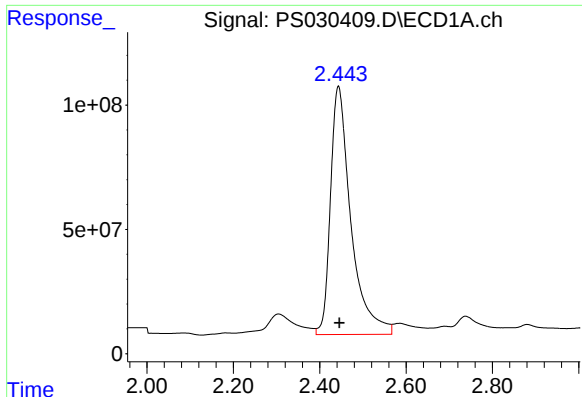
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 05/27/2025  
Supervised By : mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 24 05:02:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS051225.M  
Quant Title : 8080.M  
QLast Update : Mon May 12 14:29:24 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





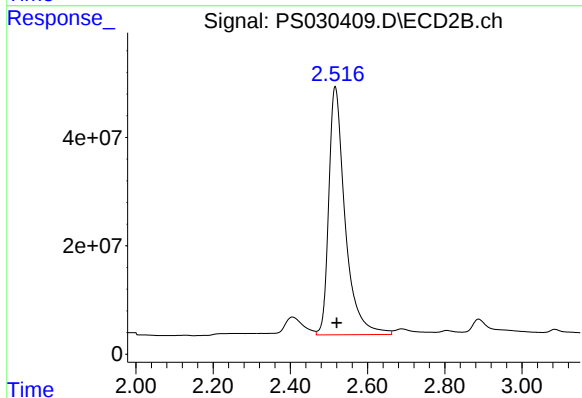
#1 Dalapon

R.T.: 2.443 min  
Delta R.T.: -0.003 min  
Response: 3280546390  
Conc: 667.41 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

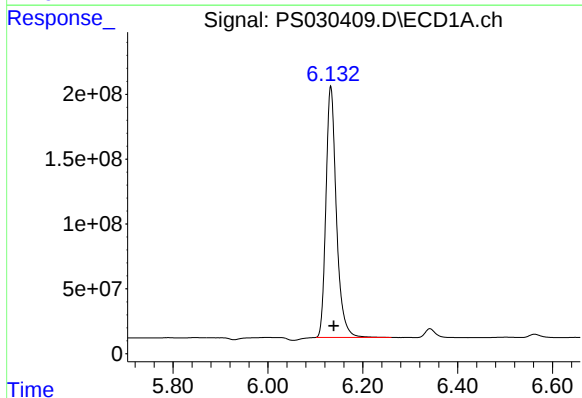
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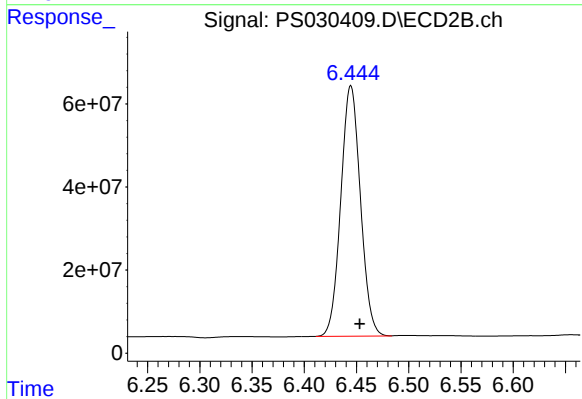
#1 Dalapon

R.T.: 2.516 min  
Delta R.T.: -0.004 min  
Response: 1348218329  
Conc: 663.80 ng/ml



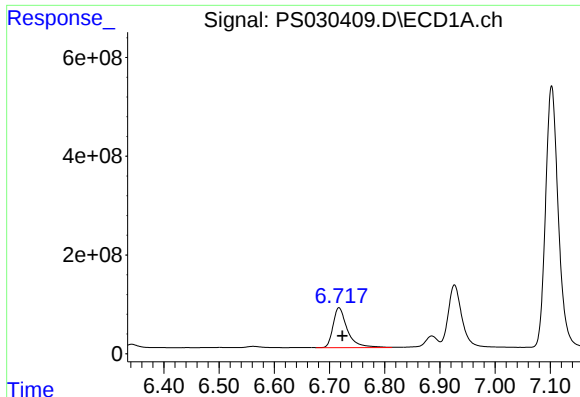
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.133 min  
Delta R.T.: -0.006 min  
Response: 2958422999  
Conc: 709.36 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.445 min  
Delta R.T.: -0.009 min  
Response: 788355684  
Conc: 676.22 ng/ml



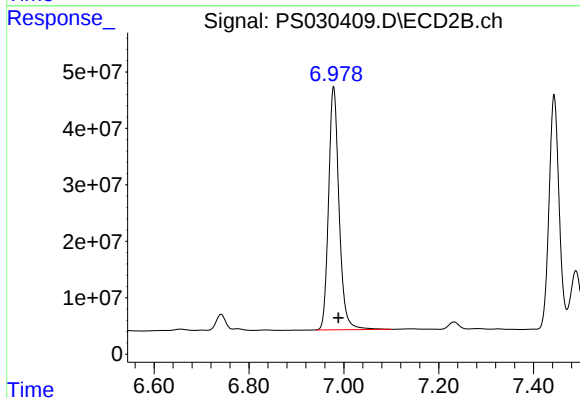
#3 4-Nitrophenol

R.T.: 6.717 min  
Delta R.T.: -0.006 min  
Response: 1457050758  
Conc: 705.38 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

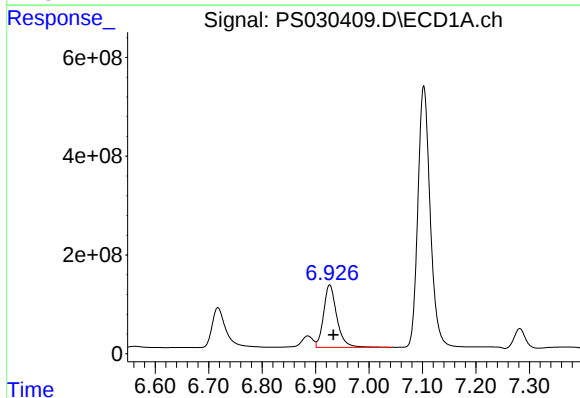
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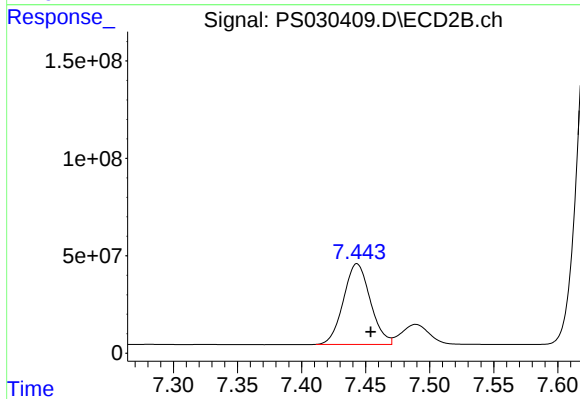
#3 4-Nitrophenol

R.T.: 6.978 min  
Delta R.T.: -0.010 min  
Response: 659922791  
Conc: 632.09 ng/ml



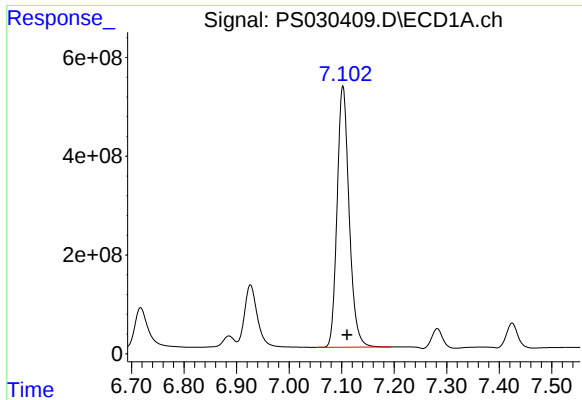
#4 2,4-DCAA

R.T.: 6.926 min  
Delta R.T.: -0.007 min  
Response: 2178642214  
Conc: 765.02 ng/ml



#4 2,4-DCAA

R.T.: 7.443 min  
Delta R.T.: -0.011 min  
Response: 604704152  
Conc: 755.69 ng/ml



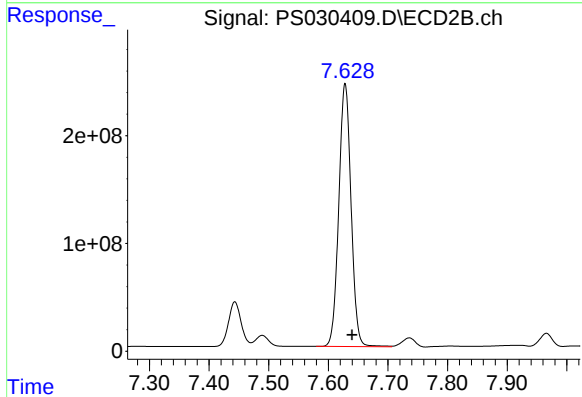
#5 DICAMBA

R.T.: 7.102 min  
Delta R.T.: -0.008 min  
Response: 8419171315  
Conc: 728.47 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

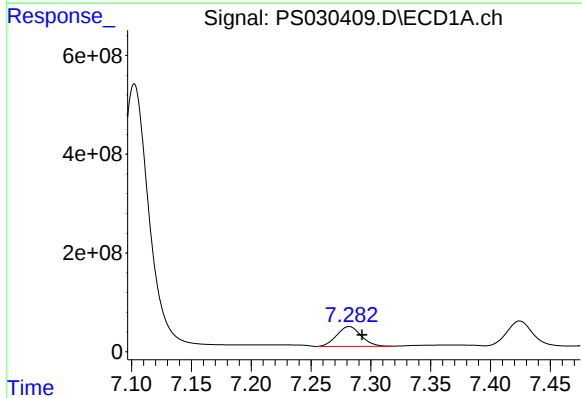
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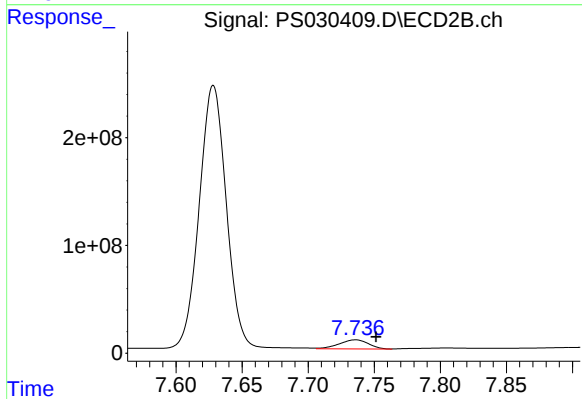
#5 DICAMBA

R.T.: 7.628 min  
Delta R.T.: -0.012 min  
Response: 3492051485  
Conc: 738.59 ng/ml



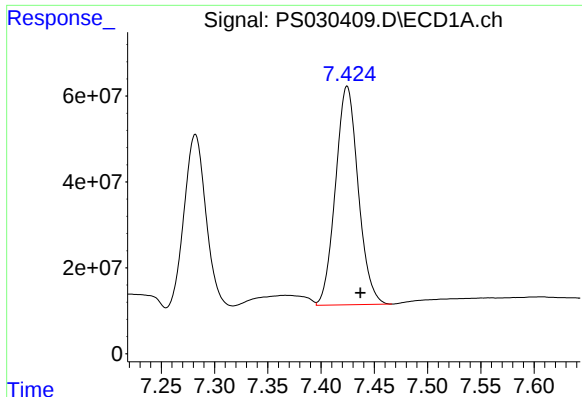
#6 MCPP

R.T.: 7.282 min  
Delta R.T.: -0.011 min  
Response: 570770797  
Conc: 78.37 ug/ml



#6 MCPP

R.T.: 7.736 min  
Delta R.T.: -0.015 min  
Response: 129213941  
Conc: 70.23 ug/ml



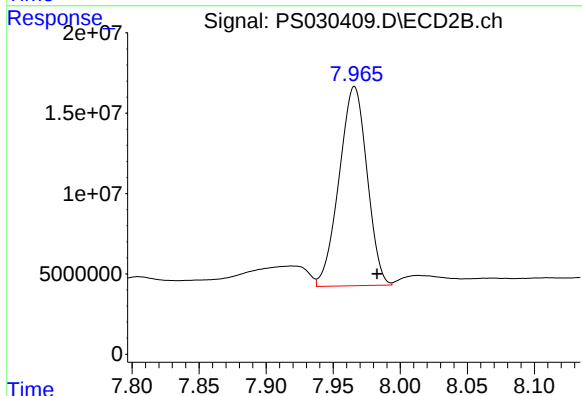
#7 MCPA

R.T.: 7.424 min  
Delta R.T.: -0.012 min  
Response: 755430721  
Conc: 72.77 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

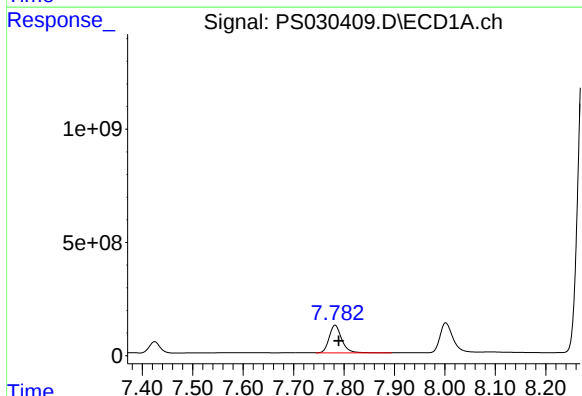
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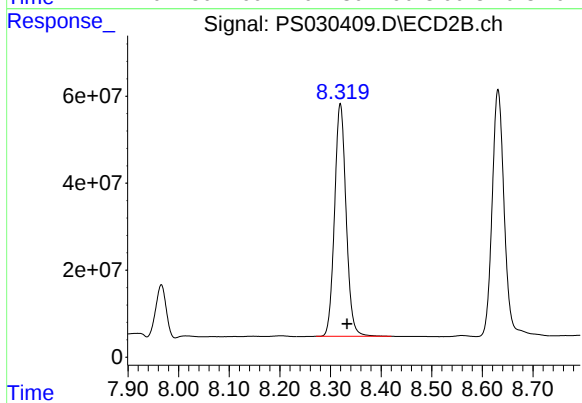
#7 MCPA

R.T.: 7.966 min  
Delta R.T.: -0.017 min  
Response: 179013495  
Conc: 67.87 ug/ml



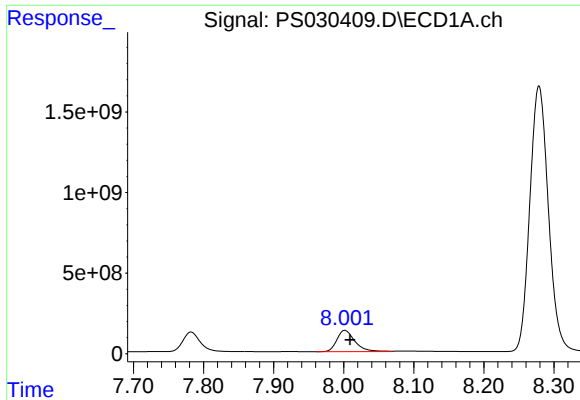
#8 DICHLORPROP

R.T.: 7.782 min  
Delta R.T.: -0.007 min  
Response: 2102821205  
Conc: 719.81 ng/ml



#8 DICHLORPROP

R.T.: 8.319 min  
Delta R.T.: -0.013 min  
Response: 847886902  
Conc: 717.68 ng/ml



#9 2,4-D

R.T.: 8.002 min  
Delta R.T.: -0.008 min  
Response: 2374038581  
Conc: 724.03 ng/ml

Instrument :

ECD\_S

ClientSampleId :

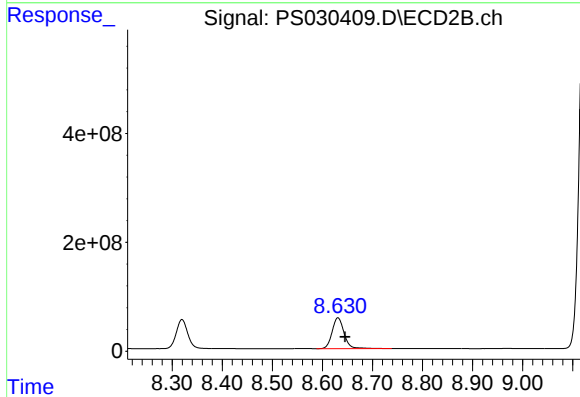
HSTDCCC750

Manual Integrations

APPROVED

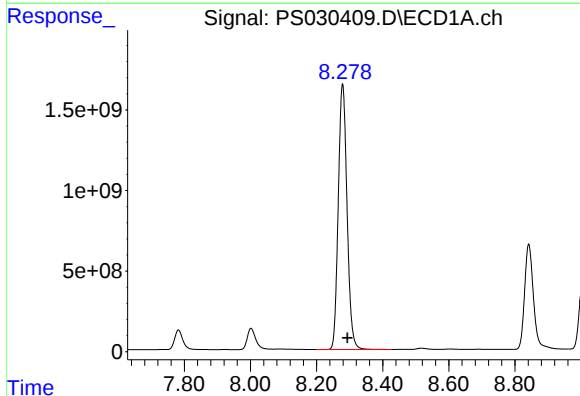
Reviewed By :Abdul Mirza 05/27/2025

Supervised By :mohammad ahmed 05/28/2025



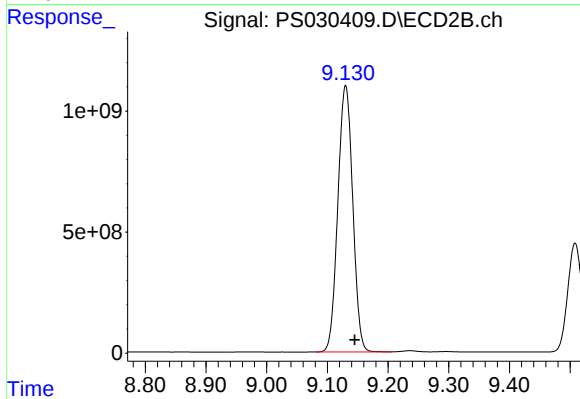
#9 2,4-D

R.T.: 8.631 min  
Delta R.T.: -0.014 min  
Response: 942709035  
Conc: 730.50 ng/ml



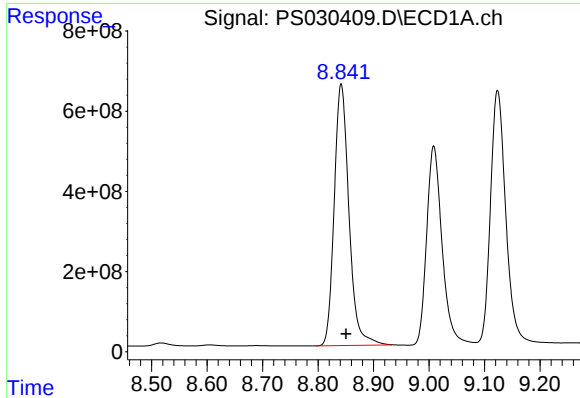
#10 Pentachlorophenol

R.T.: 8.279 min  
Delta R.T.: -0.014 min  
Response: 30321663039  
Conc: 748.67 ng/ml



#10 Pentachlorophenol

R.T.: 9.130 min  
Delta R.T.: -0.015 min  
Response: 18780737877  
Conc: 760.82 ng/ml



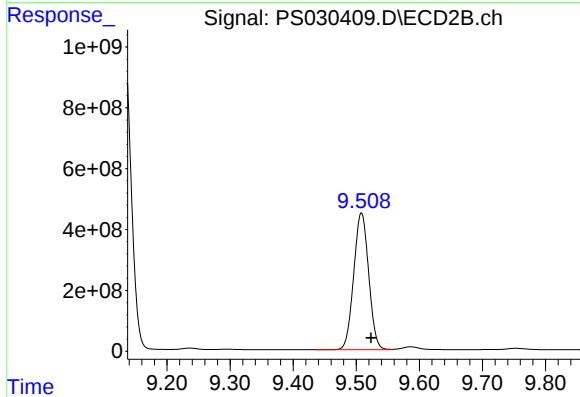
#11 2,4,5-TP (SILVEX)

R.T.: 8.841 min  
Delta R.T.: -0.009 min  
Response: 12056749360  
Conc: 744.43 ng/ml

Instrument :  
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ClientSampleId :  
HSTDCCC750

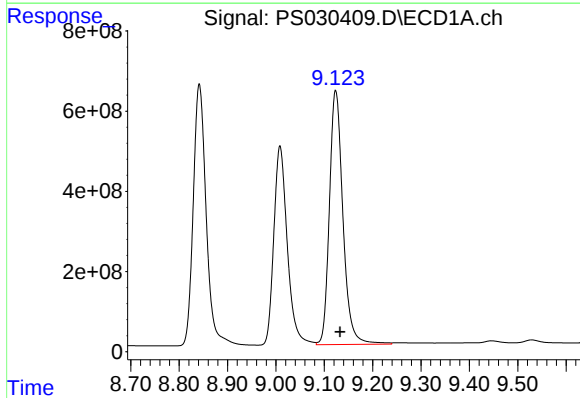
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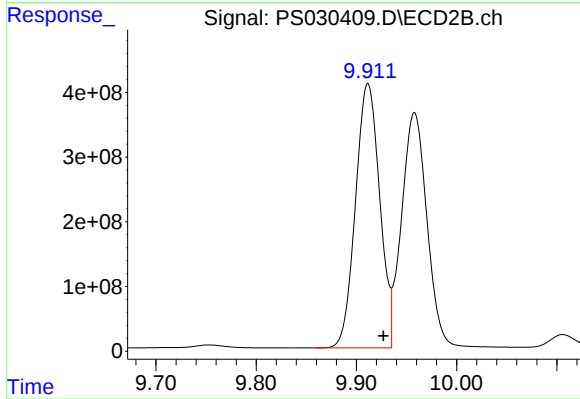
#11 2,4,5-TP (SILVEX)

R.T.: 9.508 min  
Delta R.T.: -0.015 min  
Response: 7409357588  
Conc: 752.19 ng/ml



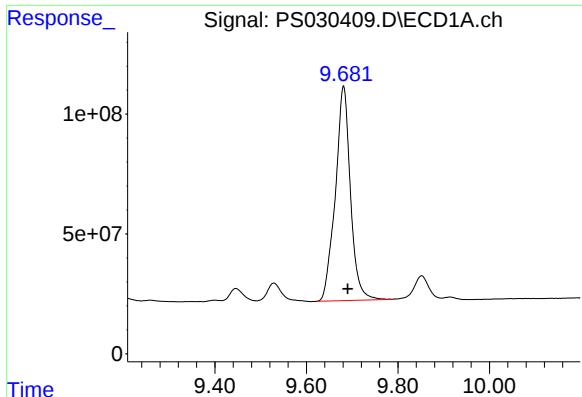
#12 2,4,5-T

R.T.: 9.124 min  
Delta R.T.: -0.009 min  
Response: 12299496364  
Conc: 744.74 ng/ml



#12 2,4,5-T

R.T.: 9.912 min  
Delta R.T.: -0.015 min  
Response: 6853244840  
Conc: 744.63 ng/ml



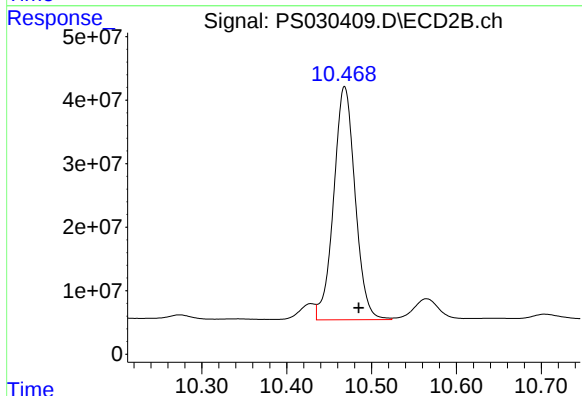
#13 2,4-DB

R.T.: 9.681 min  
Delta R.T.: -0.009 min  
Response: 2055457730  
Conc: 787.60 ng/ml

Instrument :  
ECD\_S  
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HSTDCCC750

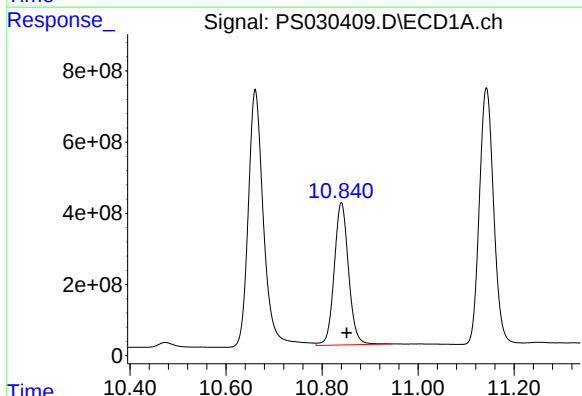
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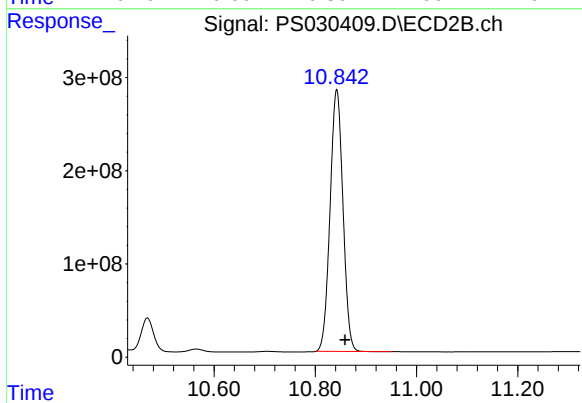
#13 2,4-DB

R.T.: 10.468 min  
Delta R.T.: -0.017 min  
Response: 643658422  
Conc: 648.61 ng/ml



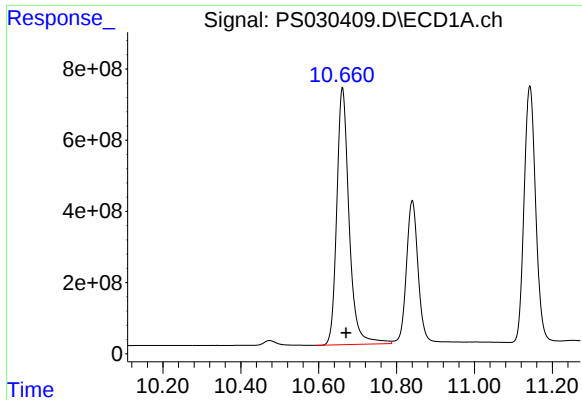
#14 DINOSEB

R.T.: 10.840 min  
Delta R.T.: -0.011 min  
Response: 8260767979  
Conc: 722.33 ng/ml



#14 DINOSEB

R.T.: 10.842 min  
Delta R.T.: -0.016 min  
Response: 4960574779  
Conc: 726.08 ng/ml



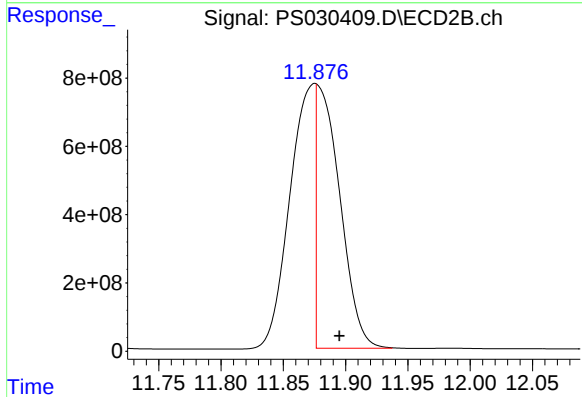
#15 Picloram

R.T.: 10.661 min  
Delta R.T.: -0.009 min  
Response: 15870333670  
Conc: 742.06 ng/ml

Instrument :  
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ClientSampleId :  
HSTDCCC750

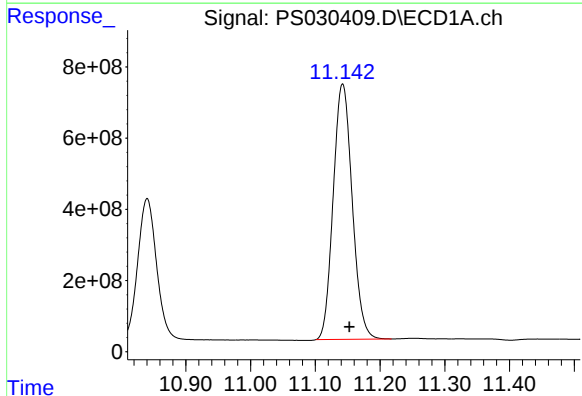
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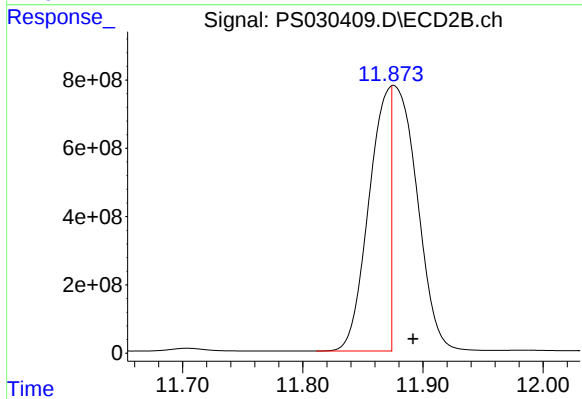
#15 Picloram

R.T.: 11.876 min  
Delta R.T.: -0.019 min  
Response: 10054154986  
Conc: 714.42 ng/ml m



#16 DCPA

R.T.: 11.142 min  
Delta R.T.: -0.011 min  
Response: 14629509314  
Conc: 734.73 ng/ml



#16 DCPA

R.T.: 11.873 min  
Delta R.T.: -0.018 min  
Response: 9615904524  
Conc: 711.73 ng/ml m