

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS060425\  
 Data File : PS030506.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2025 00:04  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/05/2025  
 Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 01:42:11 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     | 7.364  | 7.772  | 2710.0E6  | 774.2E6   | 717.847m | 719.758 |
| Target Compounds            |              |        |        |           |           |          |         |
| 1) T                        | Dalapon      | 2.715  | 2.711  | 3725.6E6  | 1775.0E6  | 659.760  | 647.806 |
| 2) T                        | 3,5-DICHL... | 6.520  | 6.716  | 3744.5E6  | 1063.4E6  | 690.050  | 679.840 |
| 3) T                        | 4-Nitroph... | 7.163  | 7.302  | 1209.4E6  | 1070.2E6  | 659.506  | 682.855 |
| 5) T                        | DICAMBA      | 7.556  | 7.976  | 10868.1E6 | 4517.6E6  | 704.686  | 701.315 |
| 6) T                        | MCP          | 7.738  | 8.075  | 657.0E6   | 163.9E6   | 66.326   | 70.888  |
| 7) T                        | MCPA         | 7.889  | 8.325  | 862.2E6   | 208.2E6   | 67.950   | 67.468  |
| 8) T                        | DICHLORPROP  | 8.272  | 8.696  | 2477.3E6  | 1017.3E6  | 680.911  | 685.395 |
| 9) T                        | 2,4-D        | 8.504  | 9.032  | 2483.5E6  | 1089.6E6  | 681.592  | 692.969 |
| 10) T                       | Pentachlo... | 8.814  | 9.558  | 38716.9E6 | 26108.3E6 | 762.350  | 722.460 |
| 11) T                       | 2,4,5-TP ... | 9.396  | 9.939  | 14672.9E6 | 9669.3E6  | 710.033  | 704.928 |
| 12) T                       | 2,4,5-T      | 9.690  | 10.365 | 12753.9E6 | 9182.0E6  | 691.979  | 703.220 |
| 13) T                       | 2,4-DB       | 10.272 | 10.932 | 2017.6E6  | 795.5E6   | 664.468  | 692.003 |
| 14) T                       | DINOSEB      | 11.493 | 11.318 | 10024.4E6 | 6965.4E6  | 697.350  | 693.066 |
| 15) T                       | Picloram     | 11.298 | 12.426 | 12289.4E6 | 15277.3E6 | 614.323  | 691.783 |
| 16) T                       | DCPA         | 11.789 | 12.363 | 18990.5E6 | 14437.9E6 | 718.245  | 705.565 |
| -----                       |              |        |        |           |           |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS060425\  
Data File : PS030506.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jun 2025 00:04  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

HSTDCCC750

## Manual Integrations

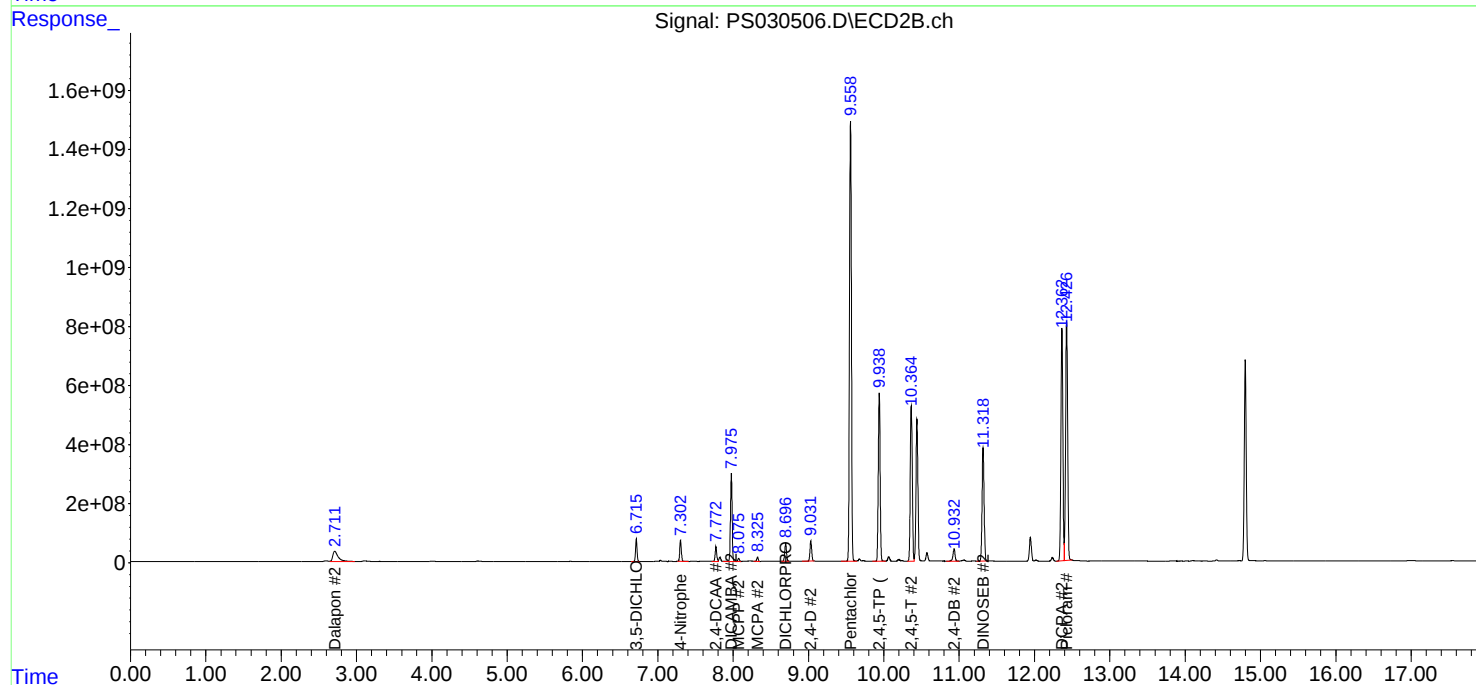
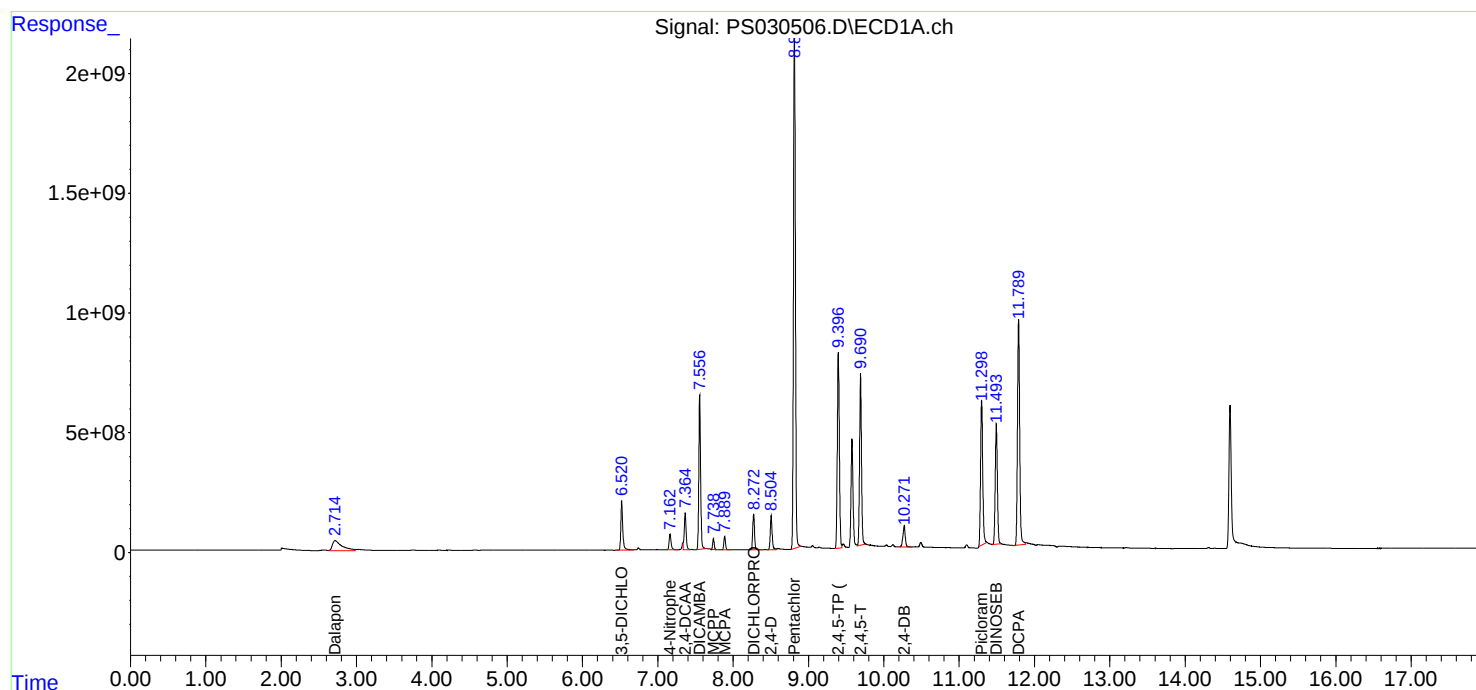
## APPROVED

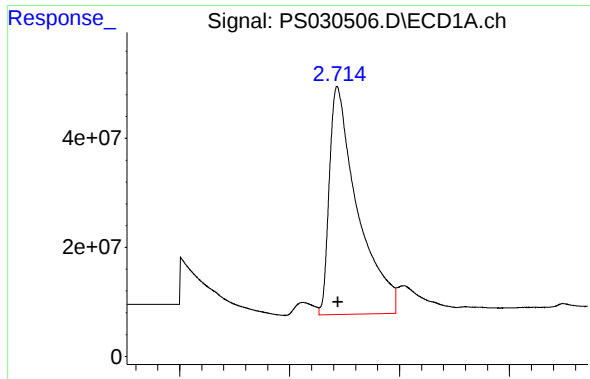
Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 05 01:42:11 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





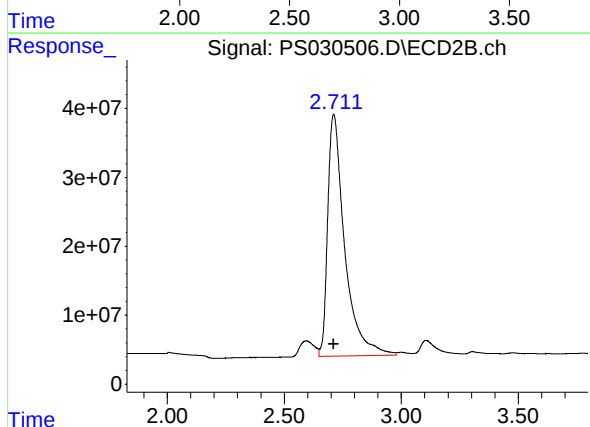
#1 Dalapon

R.T.: 2.715 min  
Delta R.T.: -0.005 min  
Response: 3725644560  
Conc: 659.76 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

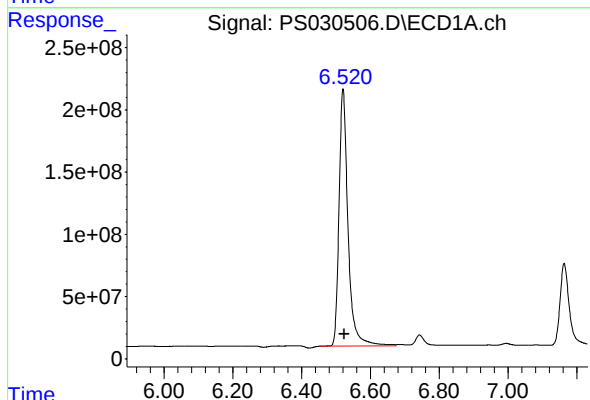
Manual Integrations  
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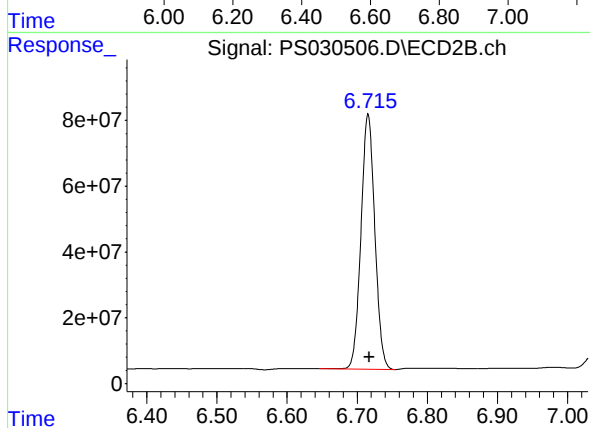
#1 Dalapon

R.T.: 2.711 min  
Delta R.T.: 0.000 min  
Response: 1774997630  
Conc: 647.81 ng/ml



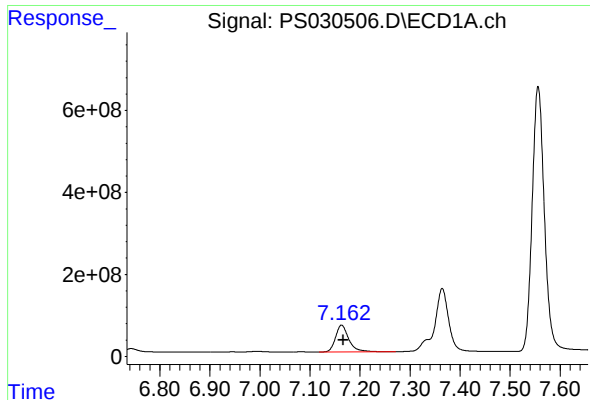
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.520 min  
Delta R.T.: -0.004 min  
Response: 3744455333  
Conc: 690.05 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min  
Delta R.T.: -0.002 min  
Response: 1063439102  
Conc: 679.84 ng/ml



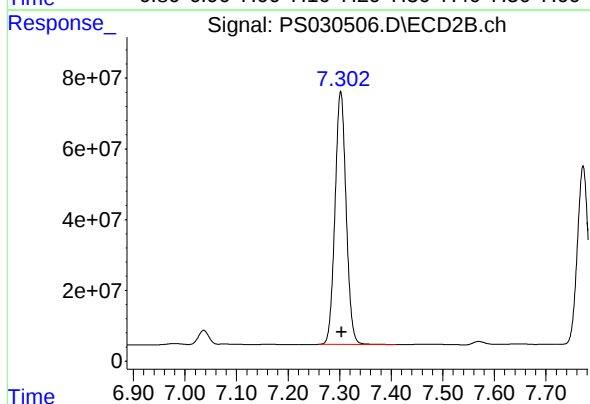
#3 4-Nitrophenol

R.T.: 7.163 min  
Delta R.T.: -0.004 min  
Response: 1209373495  
Conc: 659.51 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

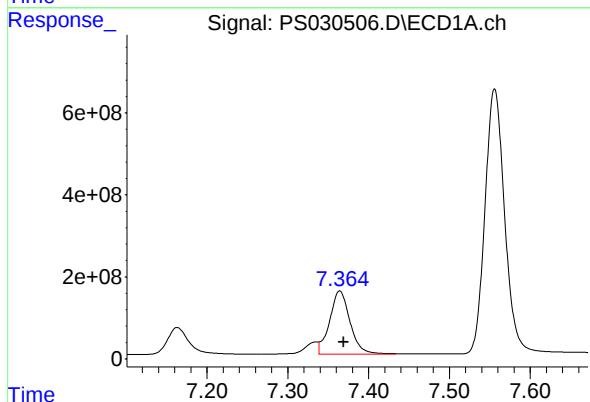
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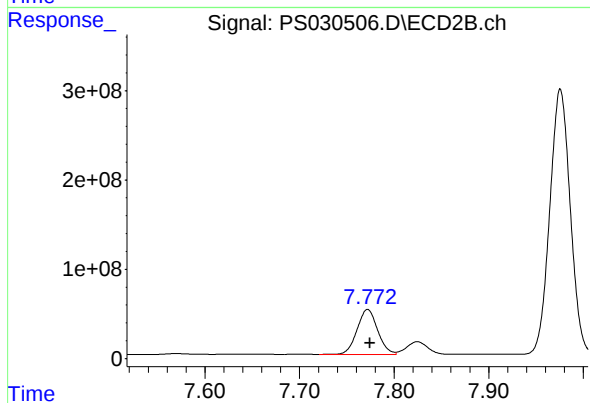
#3 4-Nitrophenol

R.T.: 7.302 min  
Delta R.T.: -0.002 min  
Response: 1070200013  
Conc: 682.86 ng/ml



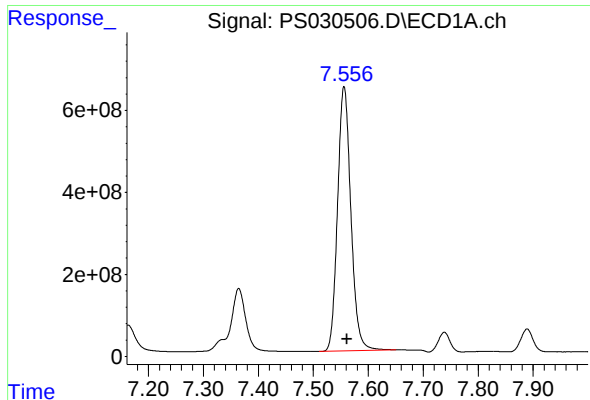
#4 2,4-DCAA

R.T.: 7.364 min  
Delta R.T.: -0.005 min  
Response: 2709975878  
Conc: 717.85 ng/ml m



#4 2,4-DCAA

R.T.: 7.772 min  
Delta R.T.: -0.002 min  
Response: 774178949  
Conc: 719.76 ng/ml



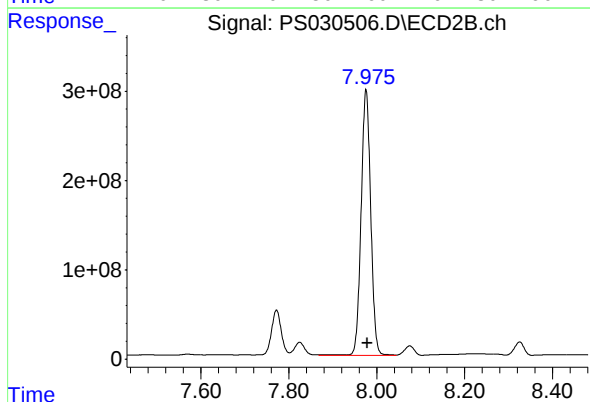
#5 DICAMBA

R.T.: 7.556 min  
Delta R.T.: -0.005 min  
Response: 10868052850  
Conc: 704.69 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

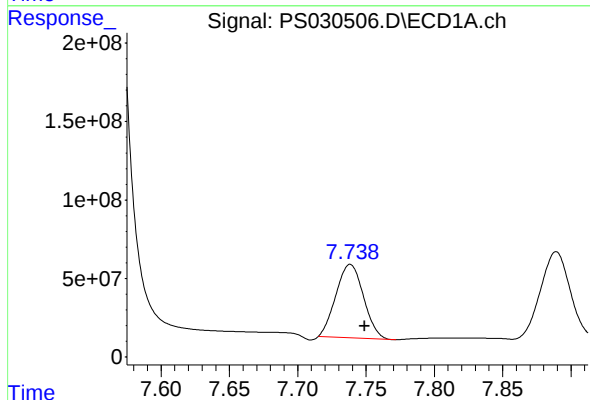
Manual Integrations  
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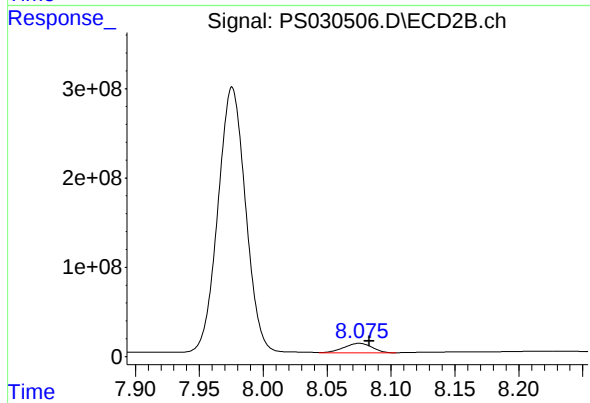
#5 DICAMBA

R.T.: 7.976 min  
Delta R.T.: -0.003 min  
Response: 4517624660  
Conc: 701.32 ng/ml



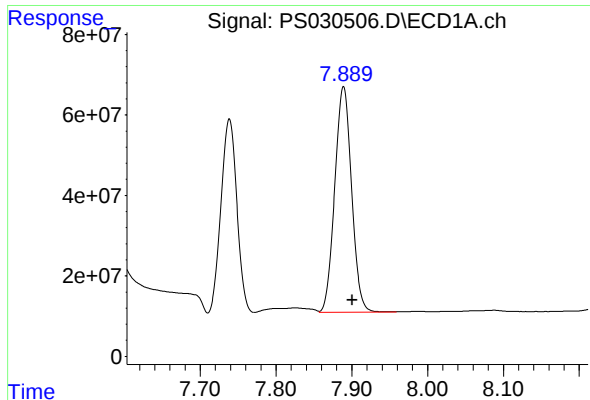
#6 MCPP

R.T.: 7.738 min  
Delta R.T.: -0.010 min  
Response: 656955977  
Conc: 66.33 ug/ml



#6 MCPP

R.T.: 8.075 min  
Delta R.T.: -0.008 min  
Response: 163864902  
Conc: 70.89 ug/ml



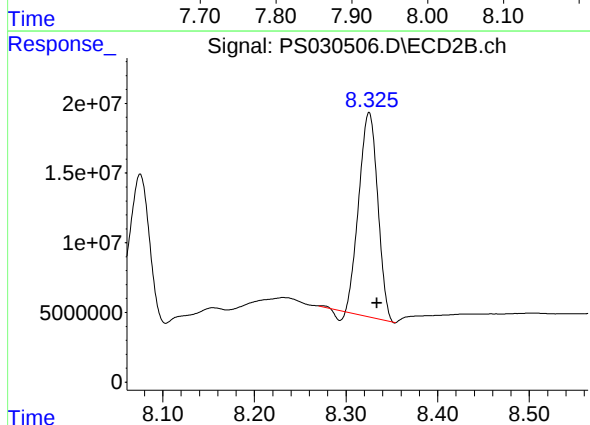
#7 MCPA

R.T.: 7.889 min  
Delta R.T.: -0.011 min  
Response: 862241097  
Conc: 67.95 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

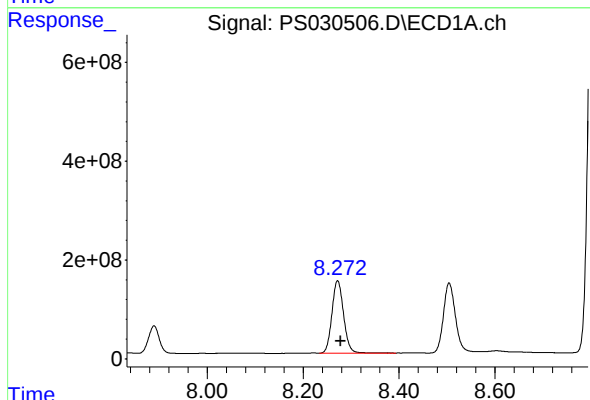
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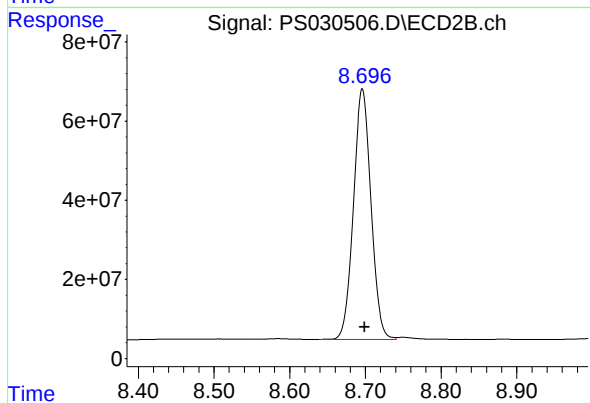
#7 MCPA

R.T.: 8.325 min  
Delta R.T.: -0.009 min  
Response: 208199771  
Conc: 67.47 ug/ml



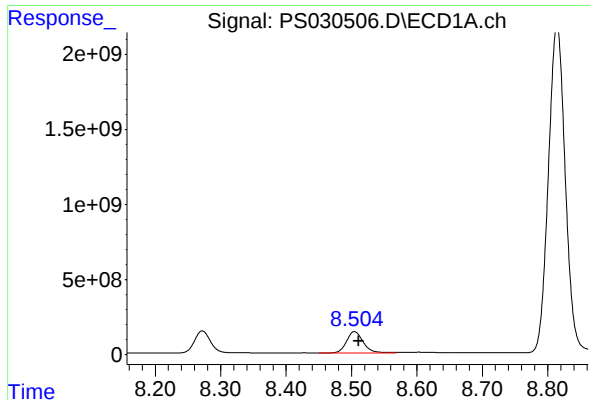
#8 DICHLORPROP

R.T.: 8.272 min  
Delta R.T.: -0.006 min  
Response: 2477251745  
Conc: 680.91 ng/ml



#8 DICHLORPROP

R.T.: 8.696 min  
Delta R.T.: -0.003 min  
Response: 1017265191  
Conc: 685.39 ng/ml



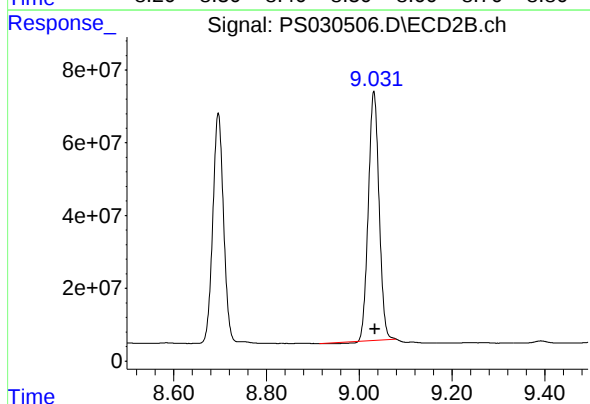
#9 2,4-D

R.T.: 8.504 min  
Delta R.T.: -0.007 min  
Response: 2483456699  
Conc: 681.59 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

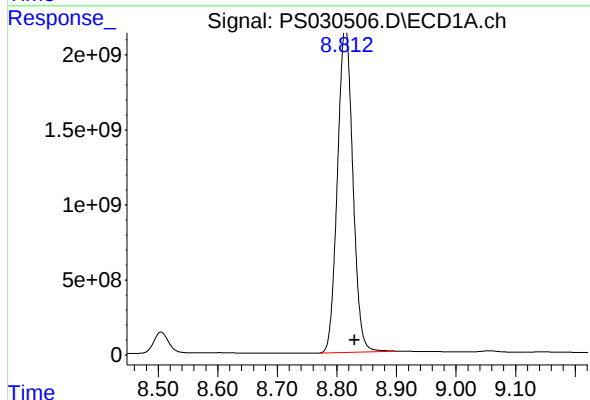
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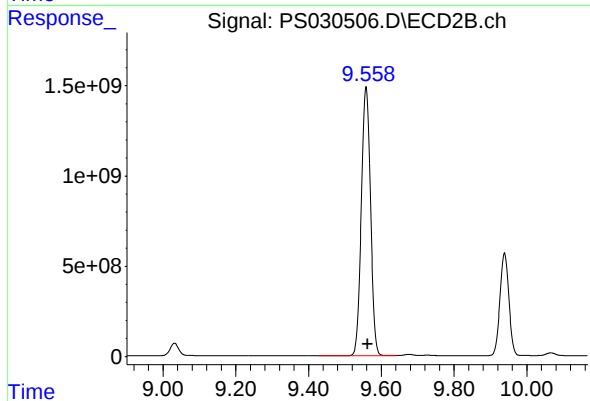
#9 2,4-D

R.T.: 9.032 min  
Delta R.T.: -0.003 min  
Response: 1089568972  
Conc: 692.97 ng/ml



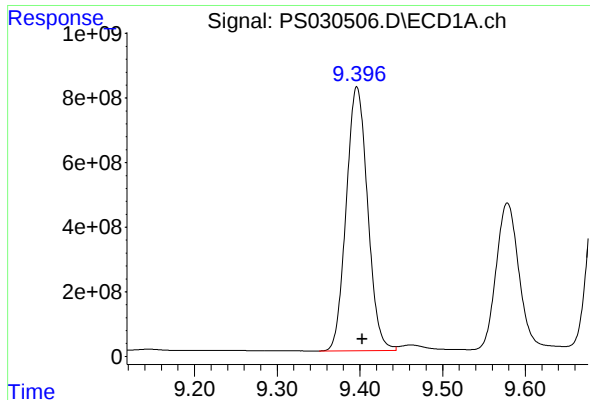
#10 Pentachlorophenol

R.T.: 8.814 min  
Delta R.T.: -0.015 min  
Response: 38716862812  
Conc: 762.35 ng/ml



#10 Pentachlorophenol

R.T.: 9.558 min  
Delta R.T.: -0.005 min  
Response: 26108278518  
Conc: 722.46 ng/ml



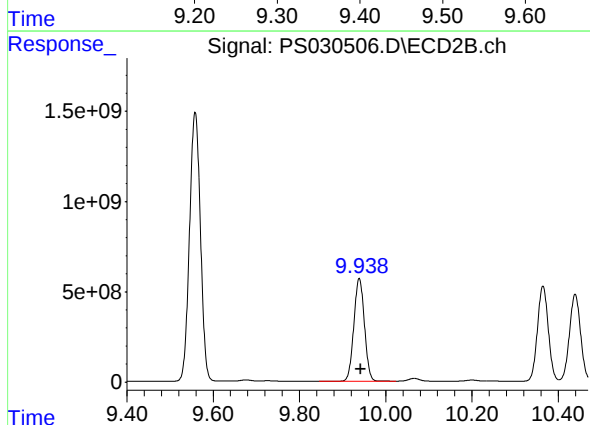
#11 2,4,5-TP (SILVEX)

R.T.: 9.396 min  
Delta R.T.: -0.007 min  
Response: 14672890512  
Conc: 710.03 ng/ml

Instrument :  
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ClientSampleId :  
HSTDCCC750

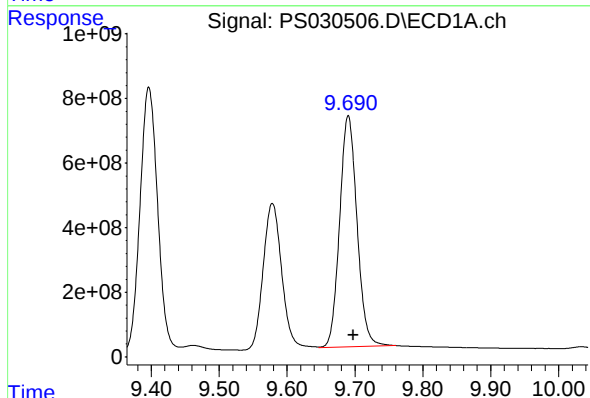
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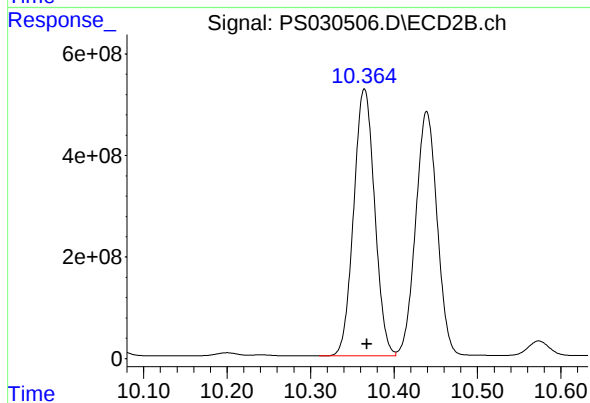
#11 2,4,5-TP (SILVEX)

R.T.: 9.939 min  
Delta R.T.: -0.004 min  
Response: 9669314552  
Conc: 704.93 ng/ml



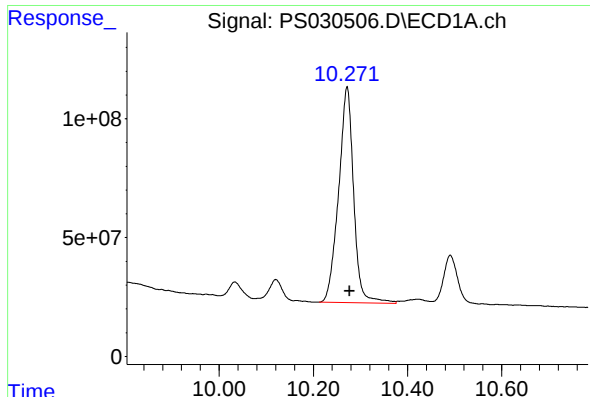
#12 2,4,5-T

R.T.: 9.690 min  
Delta R.T.: -0.007 min  
Response: 12753901175  
Conc: 691.98 ng/ml



#12 2,4,5-T

R.T.: 10.365 min  
Delta R.T.: -0.003 min  
Response: 9182035525  
Conc: 703.22 ng/ml



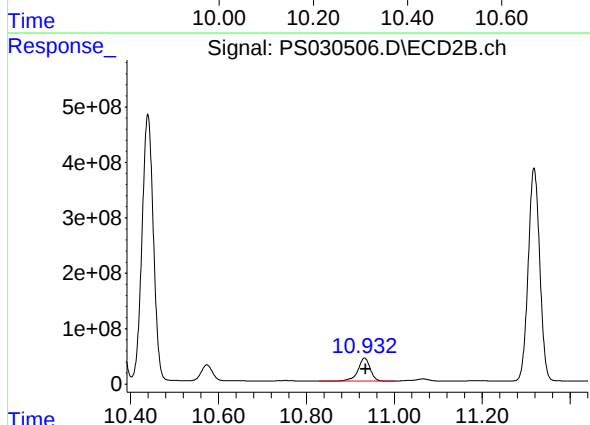
#13 2,4-DB

R.T.: 10.272 min  
Delta R.T.: -0.006 min  
Response: 2017566477  
Conc: 664.47 ng/ml

Instrument :  
ECD\_S  
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HSTDCCC750

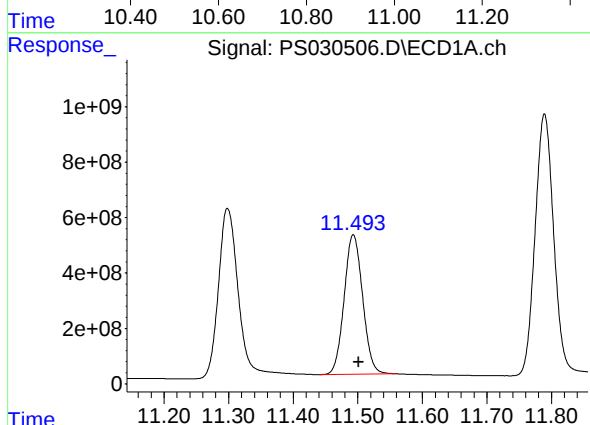
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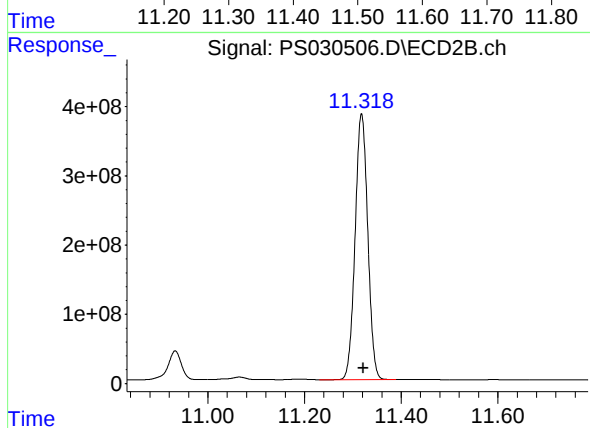
#13 2,4-DB

R.T.: 10.932 min  
Delta R.T.: -0.003 min  
Response: 795493716  
Conc: 692.00 ng/ml



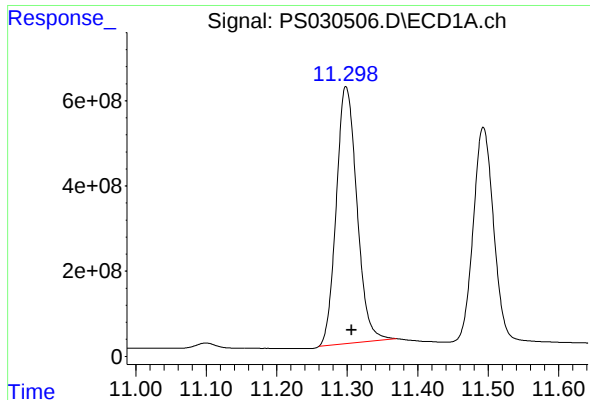
#14 DINOSEB

R.T.: 11.493 min  
Delta R.T.: -0.008 min  
Response: 10024359054  
Conc: 697.35 ng/ml



#14 DINOSEB

R.T.: 11.318 min  
Delta R.T.: -0.004 min  
Response: 6965394982  
Conc: 693.07 ng/ml



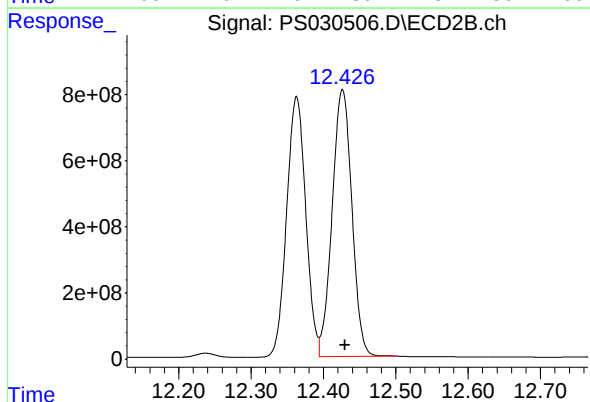
#15 Picloram

R.T.: 11.298 min  
Delta R.T.: -0.008 min  
Response: 12289416464  
Conc: 614.32 ng/ml

Instrument :  
ECD\_S  
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HSTDCCC750

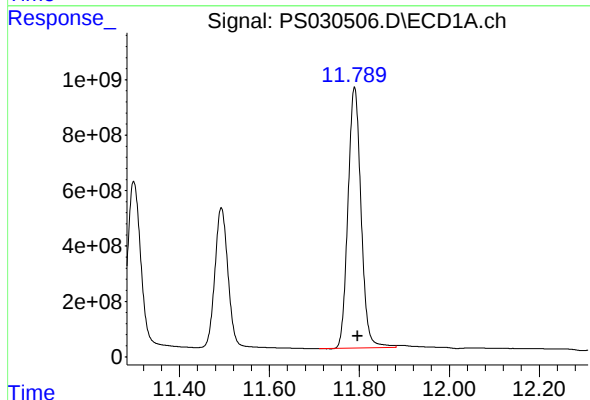
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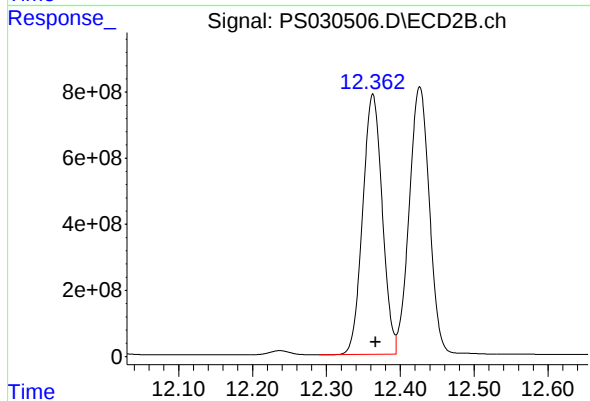
#15 Picloram

R.T.: 12.426 min  
Delta R.T.: -0.003 min  
Response: 15277252030  
Conc: 691.78 ng/ml



#16 DCPA

R.T.: 11.789 min  
Delta R.T.: -0.008 min  
Response: 18990464260  
Conc: 718.24 ng/ml



#16 DCPA

R.T.: 12.363 min  
Delta R.T.: -0.004 min  
Response: 14437920043  
Conc: 705.56 ng/ml