

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS052325\  
 Data File : PS030404.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 May 2025 02:05  
 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 02:48:02 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  | 2167.2E6  | 607.9E6   | 761.019  | 759.721  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.443  | 2.516  | 3278.1E6  | 1346.6E6  | 666.904  | 663.030  |
| 2) T                        | 3,5-DICHL... | 6.132  | 6.444  | 2950.5E6  | 790.2E6   | 707.450  | 677.782  |
| 3) T                        | 4-Nitroph... | 6.717  | 6.978  | 1456.0E6  | 660.9E6   | 704.897  | 633.065  |
| 5) T                        | DICAMBA      | 7.102  | 7.628  | 8402.5E6  | 3505.3E6  | 727.022  | 741.390  |
| 6) T                        | MCPD         | 7.282  | 7.735  | 567.2E6   | 130.5E6   | 77.877   | 70.937   |
| 7) T                        | MCPA         | 7.425  | 7.965  | 754.0E6   | 181.6E6   | 72.634   | 68.834   |
| 8) T                        | DICHLORPROP  | 7.782  | 8.319  | 2093.6E6  | 843.6E6   | 716.647  | 714.056  |
| 9) T                        | 2,4-D        | 8.001  | 8.631  | 2365.5E6  | 944.2E6   | 721.425  | 731.630  |
| 10) T                       | Pentachlo... | 8.278  | 9.130  | 30099.0E6 | 18727.9E6 | 743.172  | 758.678  |
| 11) T                       | 2,4,5-TP ... | 8.841  | 9.508  | 11915.1E6 | 7385.2E6  | 735.683m | 749.736  |
| 12) T                       | 2,4,5-T      | 9.123  | 9.911  | 12153.7E6 | 6854.5E6  | 735.908  | 744.760  |
| 13) T                       | 2,4-DB       | 9.680  | 10.468 | 2049.7E6  | 639.1E6   | 785.394  | 644.009  |
| 14) T                       | DINOSEB      | 10.841 | 10.842 | 8117.3E6  | 4945.0E6  | 709.784  | 723.799  |
| 15) T                       | Picloram     | 10.660 | 11.874 | 15772.8E6 | 11501.4E6 | 737.496  | 817.257m |
| 16) T                       | DCPA         | 11.142 | 11.873 | 14413.6E6 | 9823.6E6  | 723.884  | 727.111m |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS052325\  
Data File : PS030404.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 May 2025 02:05  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

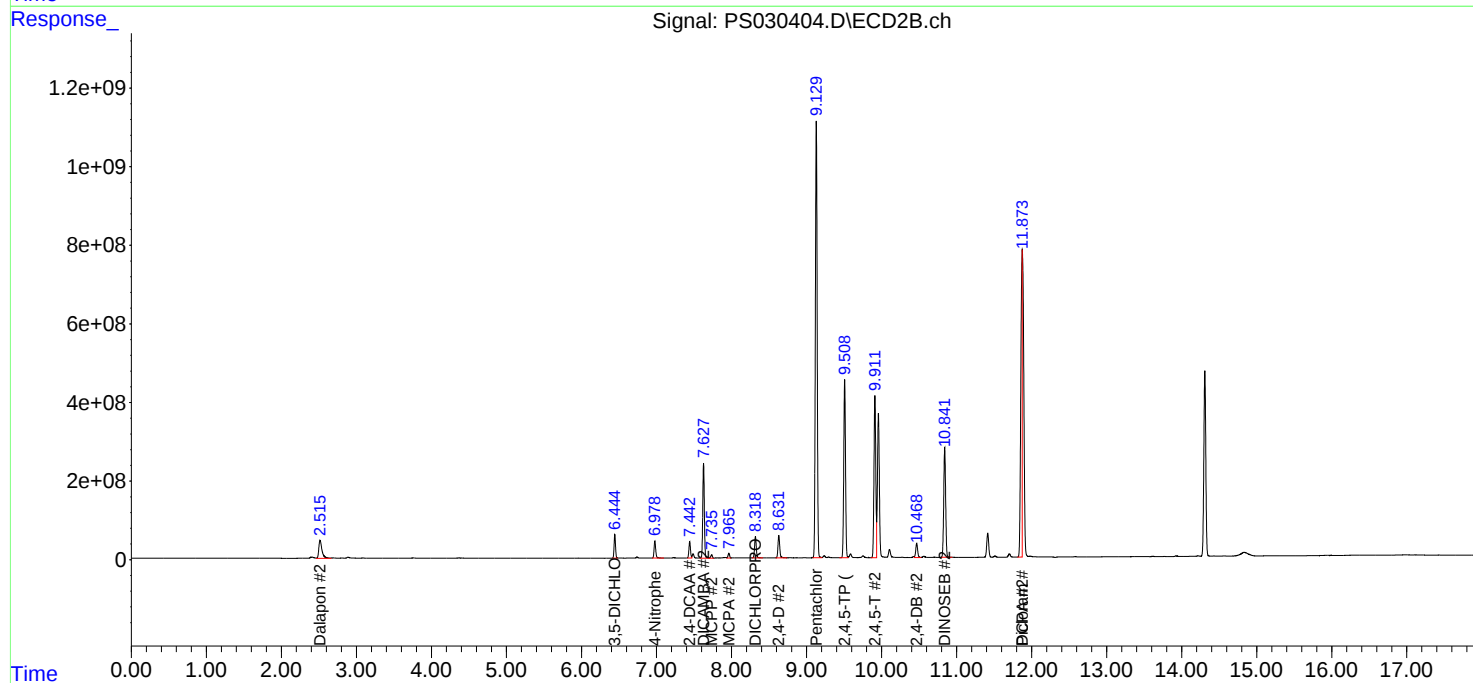
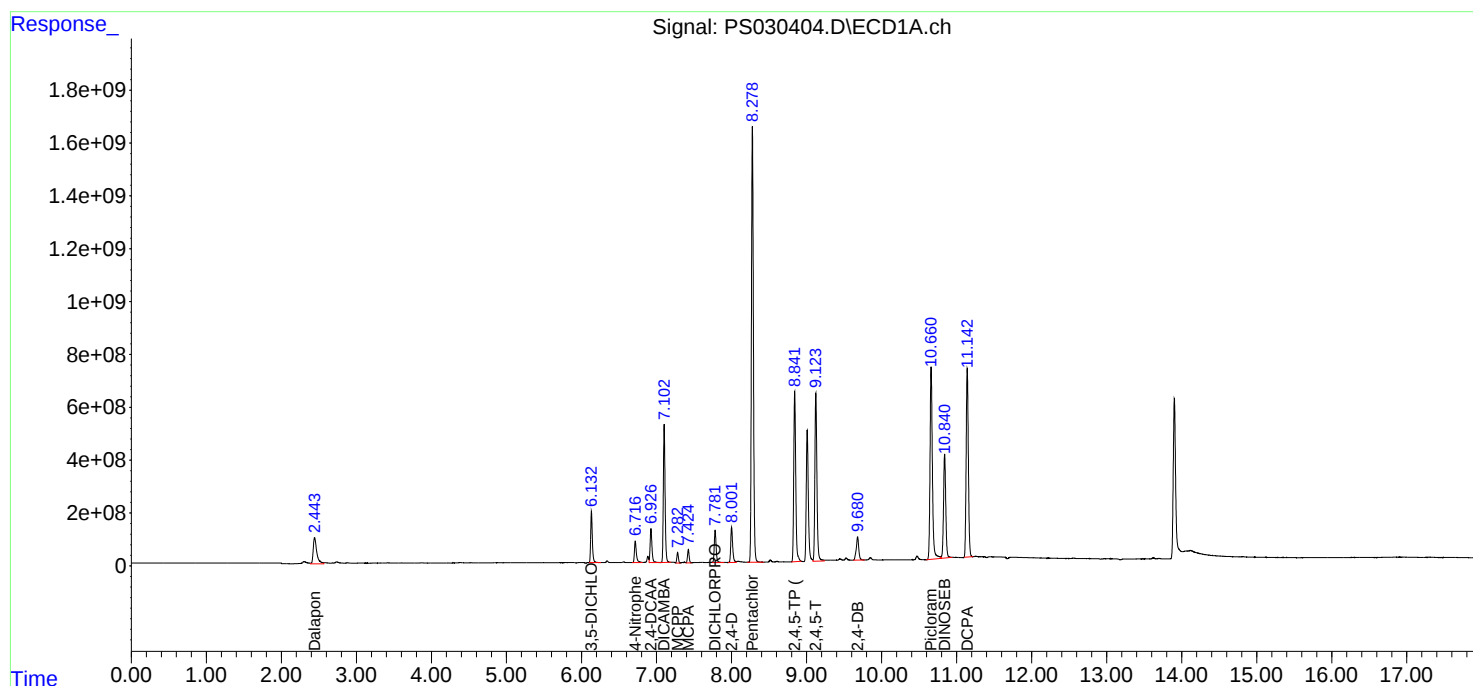
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

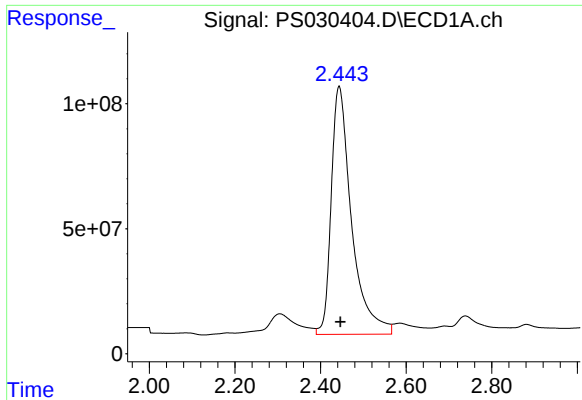
Manual Integrations  
APPROVED

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 02:48:02 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: 3278072487  
Conc: 666.90 ng/ml

Instrument :

ECD\_S

ClientSampleId :

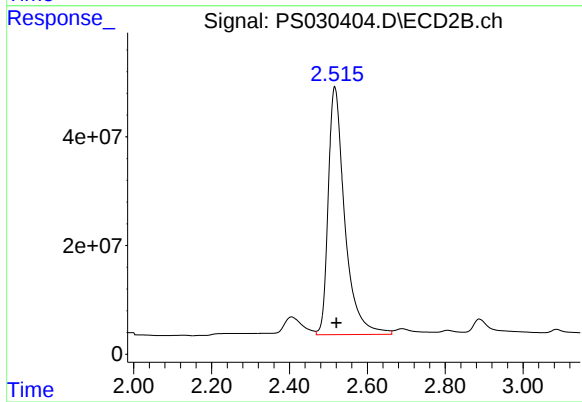
HSTDCCC750

Manual Integrations

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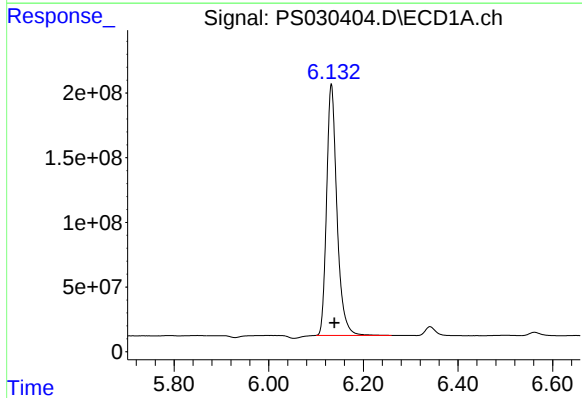
Reviewed By :Abdul Mirza 05/27/2025

Supervised By :mohammad ahmed 05/28/2025



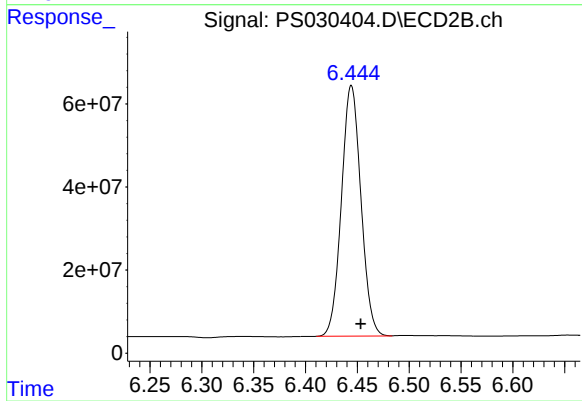
#1 Dalapon

R.T.: 2.516 min  
Delta R.T.: -0.004 min  
Response: 1346648058  
Conc: 663.03 ng/ml



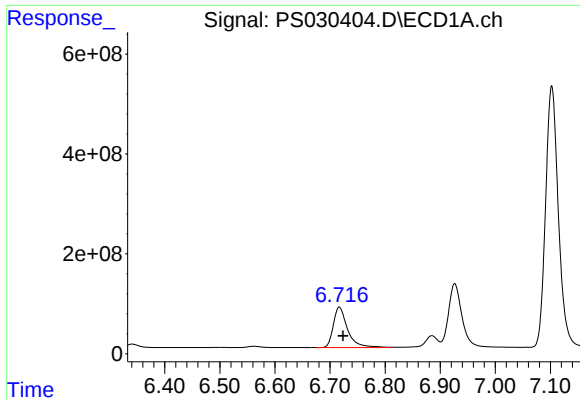
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.132 min  
Delta R.T.: -0.006 min  
Response: 2950458844  
Conc: 707.45 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.444 min  
Delta R.T.: -0.009 min  
Response: 790178116  
Conc: 677.78 ng/ml



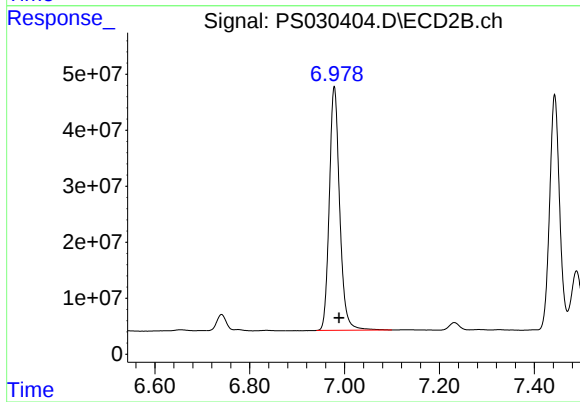
#3 4-Nitrophenol

R.T.: 6.717 min  
Delta R.T.: -0.007 min  
Response: 1456044930  
Conc: 704.90 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

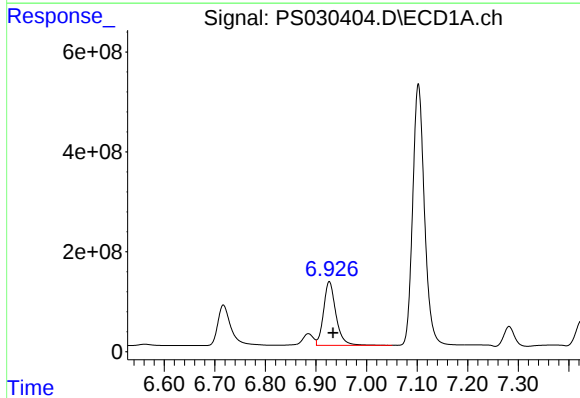
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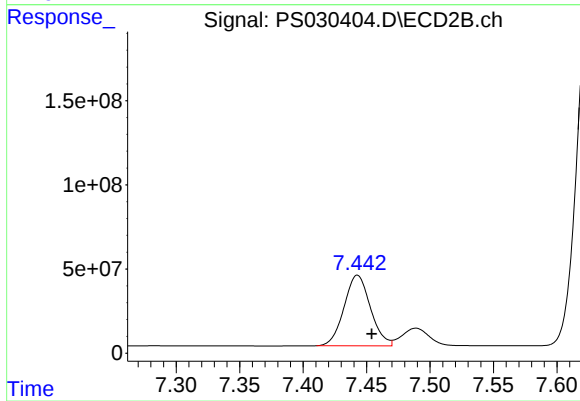
#3 4-Nitrophenol

R.T.: 6.978 min  
Delta R.T.: -0.010 min  
Response: 660939992  
Conc: 633.07 ng/ml



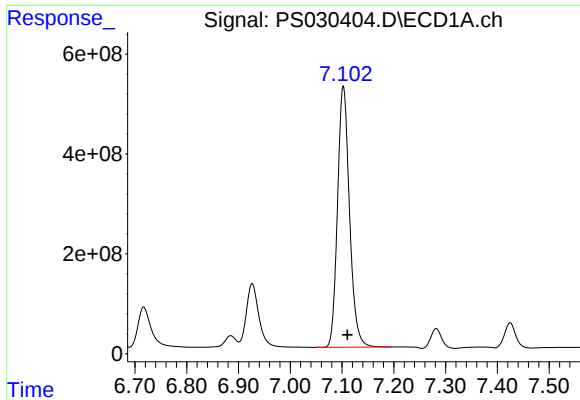
#4 2,4-DCAA

R.T.: 6.926 min  
Delta R.T.: -0.007 min  
Response: 2167236123  
Conc: 761.02 ng/ml



#4 2,4-DCAA

R.T.: 7.443 min  
Delta R.T.: -0.011 min  
Response: 607931759  
Conc: 759.72 ng/ml



#5 DICAMBA

R.T.: 7.102 min  
Delta R.T.: -0.008 min  
Response: 8402457297  
Conc: 727.02 ng/ml

Instrument :

ECD\_S

ClientSampleId :

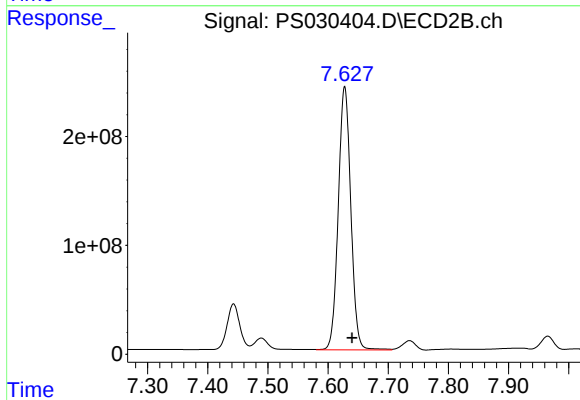
HSTDCCC750

Manual Integrations

APPROVED

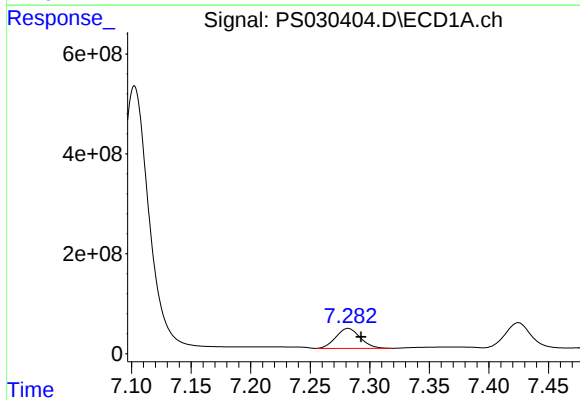
Reviewed By :Abdul Mirza 05/27/2025

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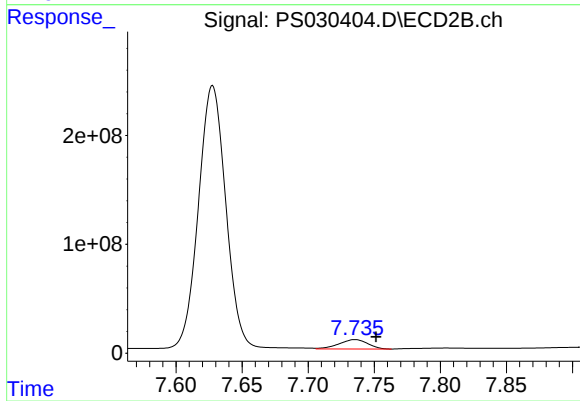
#5 DICAMBA

R.T.: 7.628 min  
Delta R.T.: -0.012 min  
Response: 3505274093  
Conc: 741.39 ng/ml



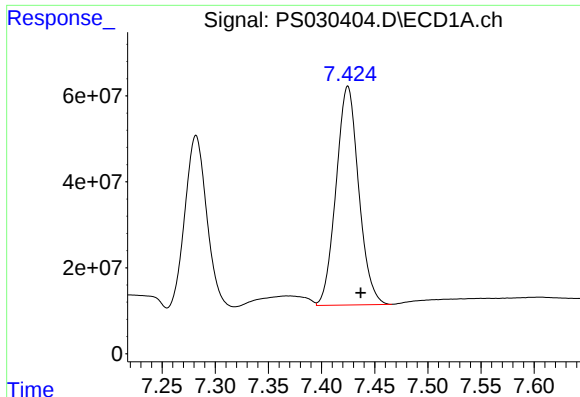
#6 MCP

R.T.: 7.282 min  
Delta R.T.: -0.011 min  
Response: 567153842  
Conc: 77.88 ug/ml



#6 MCP

R.T.: 7.735 min  
Delta R.T.: -0.016 min  
Response: 130508018  
Conc: 70.94 ug/ml



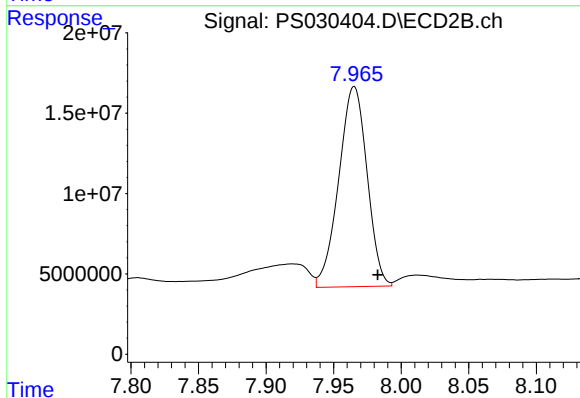
#7 MCPA

R.T.: 7.425 min  
Delta R.T.: -0.012 min  
Response: 754009674  
Conc: 72.63 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

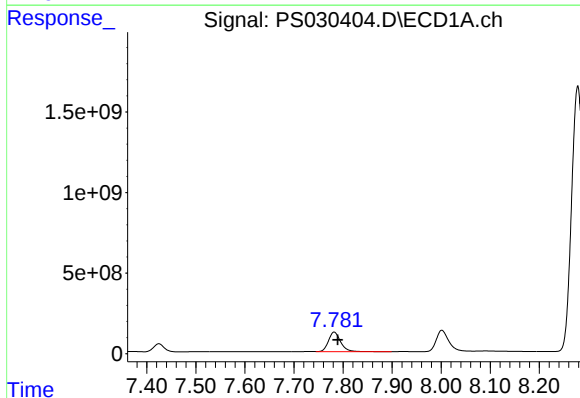
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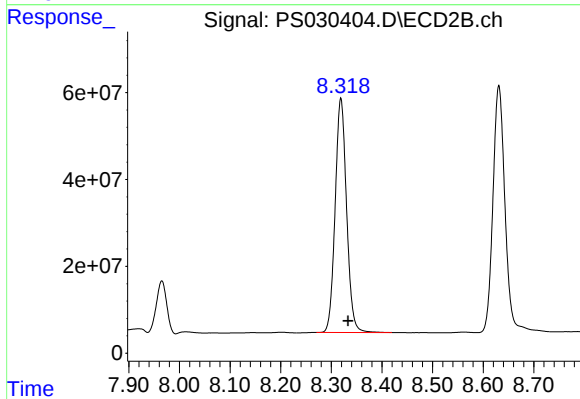
#7 MCPA

R.T.: 7.965 min  
Delta R.T.: -0.017 min  
Response: 181562283  
Conc: 68.83 ug/ml



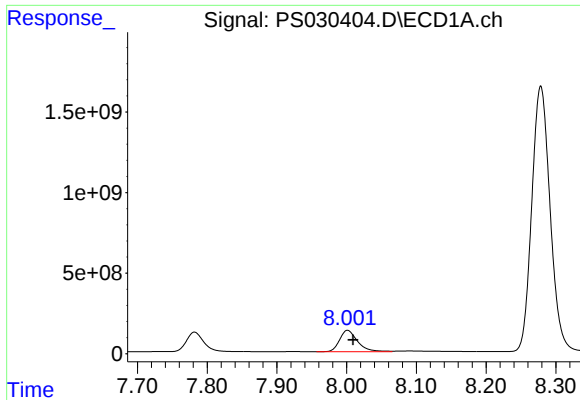
#8 DICHLORPROP

R.T.: 7.782 min  
Delta R.T.: -0.008 min  
Response: 2093573513  
Conc: 716.65 ng/ml



#8 DICHLORPROP

R.T.: 8.319 min  
Delta R.T.: -0.014 min  
Response: 843608954  
Conc: 714.06 ng/ml



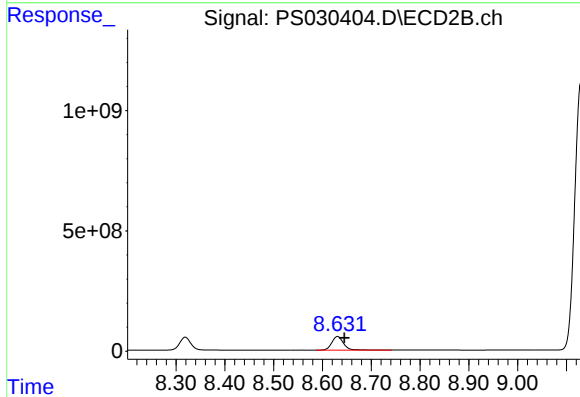
#9 2,4-D

R.T.: 8.001 min  
Delta R.T.: -0.008 min  
Response: 2365505334  
Conc: 721.42 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

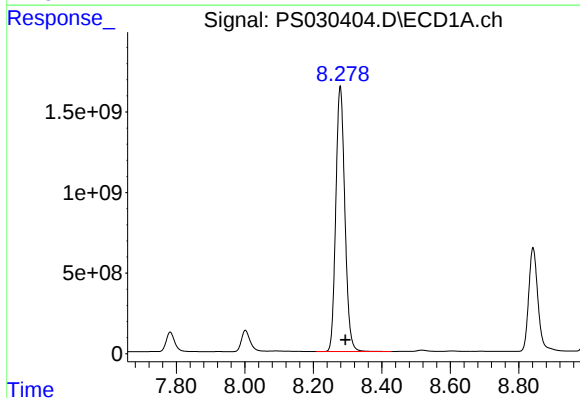
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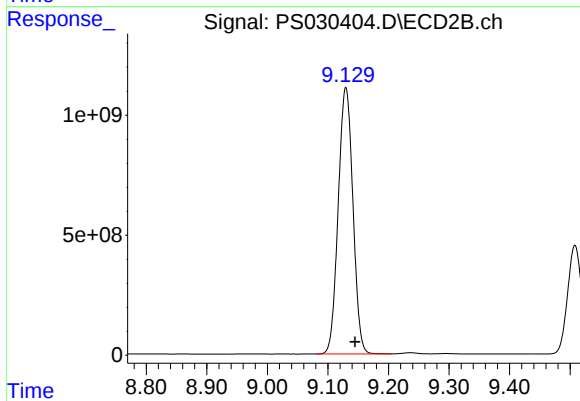
#9 2,4-D

R.T.: 8.631 min  
Delta R.T.: -0.014 min  
Response: 944168958  
Conc: 731.63 ng/ml



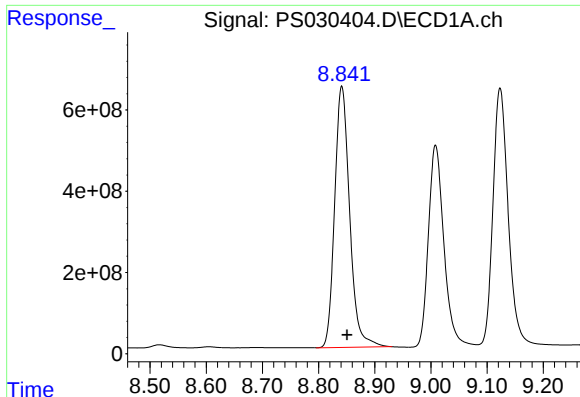
#10 Pentachlorophenol

R.T.: 8.278 min  
Delta R.T.: -0.014 min  
Response: 30099046844  
Conc: 743.17 ng/ml



#10 Pentachlorophenol

R.T.: 9.130 min  
Delta R.T.: -0.015 min  
Response: 18727924036  
Conc: 758.68 ng/ml



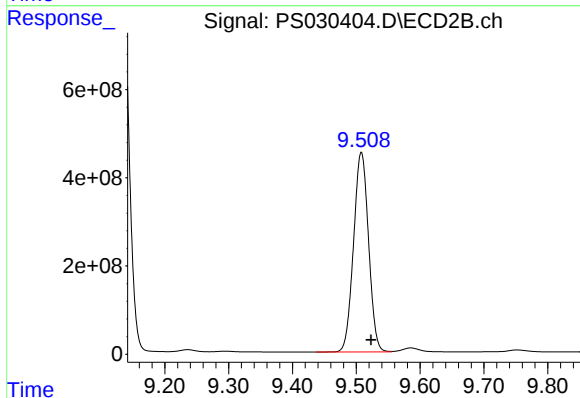
#11 2,4,5-TP (SILVEX)

R.T.: 8.841 min  
Delta R.T.: -0.010 min  
Response: 11915122365  
Conc: 735.68 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

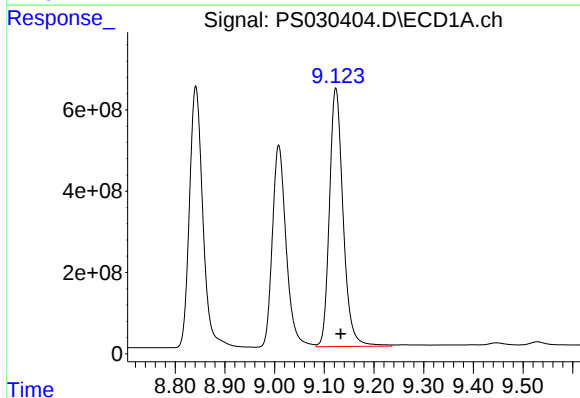
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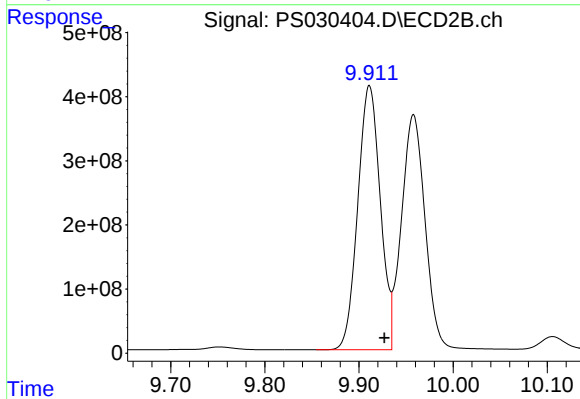
#11 2,4,5-TP (SILVEX)

R.T.: 9.508 min  
Delta R.T.: -0.015 min  
Response: 7385221299  
Conc: 749.74 ng/ml



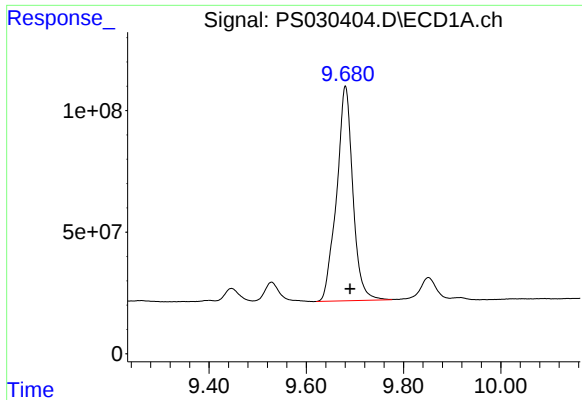
#12 2,4,5-T

R.T.: 9.123 min  
Delta R.T.: -0.010 min  
Response: 12153665807  
Conc: 735.91 ng/ml



#12 2,4,5-T

R.T.: 9.911 min  
Delta R.T.: -0.016 min  
Response: 6854482260  
Conc: 744.76 ng/ml



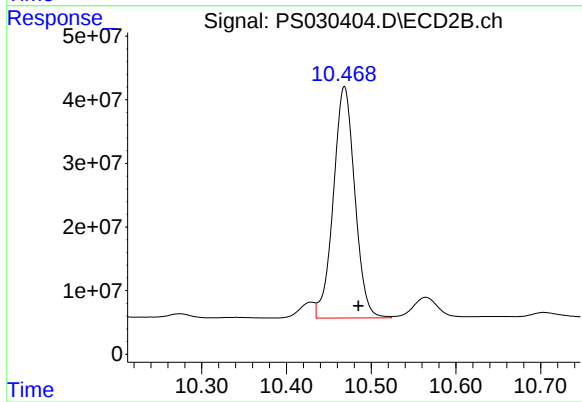
#13 2,4-DB

R.T.: 9.680 min  
Delta R.T.: -0.010 min  
Response: 2049701668  
Conc: 785.39 ng/ml

Instrument :  
ECD\_S  
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HSTDCCC750

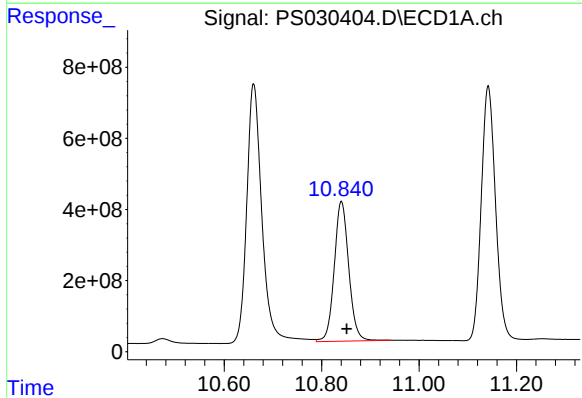
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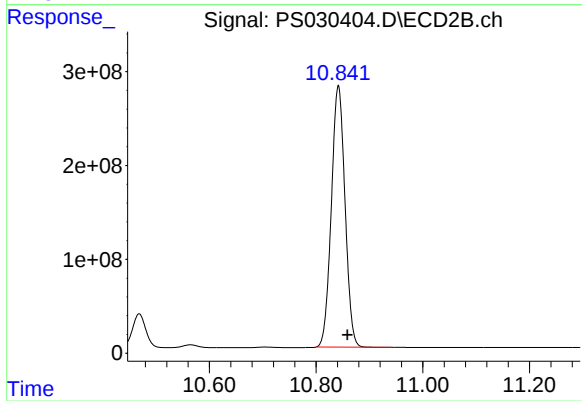
#13 2,4-DB

R.T.: 10.468 min  
Delta R.T.: -0.017 min  
Response: 639096314  
Conc: 644.01 ng/ml



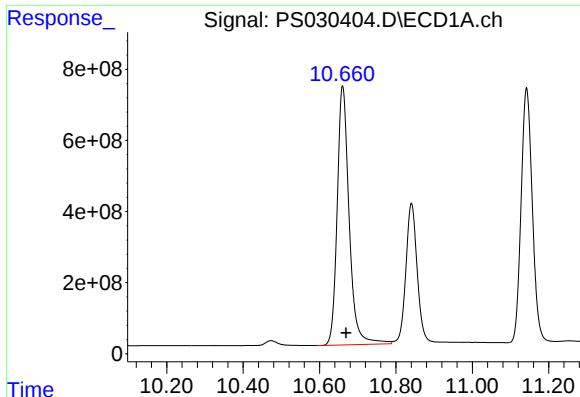
#14 DINOSEB

R.T.: 10.841 min  
Delta R.T.: -0.011 min  
Response: 8117345687  
Conc: 709.78 ng/ml



#14 DINOSEB

R.T.: 10.842 min  
Delta R.T.: -0.017 min  
Response: 4944983776  
Conc: 723.80 ng/ml



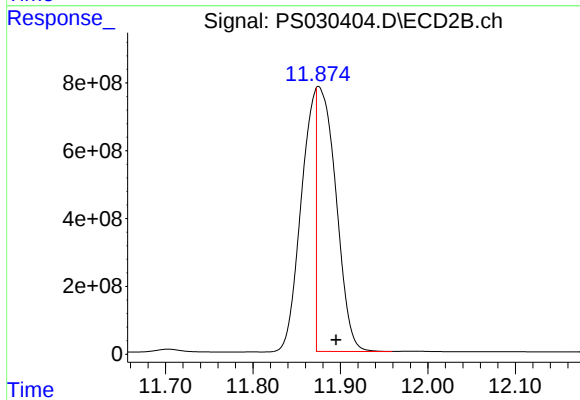
#15 Picloram

R.T.: 10.660 min  
Delta R.T.: -0.010 min  
Response: 15772803042  
Conc: 737.50 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

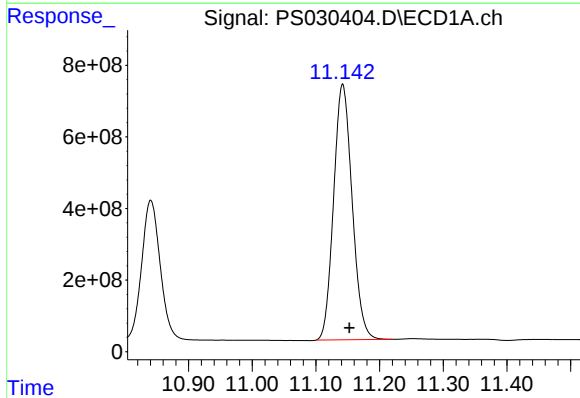
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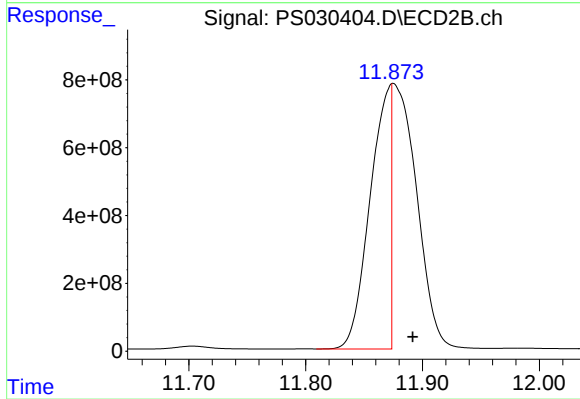
#15 Picloram

R.T.: 11.874 min  
Delta R.T.: -0.021 min  
Response: 11501360357  
Conc: 817.26 ng/ml m



#16 DCPA

R.T.: 11.142 min  
Delta R.T.: -0.011 min  
Response: 14413609872  
Conc: 723.88 ng/ml



#16 DCPA

R.T.: 11.873 min  
Delta R.T.: -0.018 min  
Response: 9823645974  
Conc: 727.11 ng/ml m