

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071825\  
 Data File : PS031154.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jul 2025 01:23  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/21/2025  
 Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 19 06:18:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS071125.M  
 Quant Title : 8080.M  
 QLast Update : Mon Jul 14 05:51:06 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     | 7.324  | 7.765  | 2864.9E6  | 695.6E6   | 724.371   | 671.450   |
| Target Compounds            |              |        |        |           |           |           |           |
| 1) T                        | Dalapon      | 2.690  | 2.702  | 3546.8E6  | 1690.8E6  | 582.238   | 594.769   |
| 2) T                        | 3,5-DICHL... | 6.487  | 6.712  | 3601.3E6  | 948.5E6   | 687.454   | 611.833   |
| 3) T                        | 4-Nitroph... | 7.123  | 7.299  | 1126.3E6  | 1085.4E6  | 834.306m  | 622.396 # |
| 5) T                        | DICAMBA      | 7.513  | 7.967  | 9926.7E6  | 4142.3E6  | 632.641   | 639.591   |
| 6) T                        | MCPD         | 7.694  | 8.066  | 554.6E6   | 129.0E6   | 60.269    | 60.321    |
| 7) T                        | MCPA         | 7.844  | 8.315  | 825.6E6   | 192.8E6   | 75.693    | 60.144    |
| 8) T                        | DICHLORPROP  | 8.225  | 8.687  | 2596.7E6  | 1011.6E6  | 762.565   | 665.820   |
| 9) T                        | 2,4-D        | 8.456  | 9.023  | 2561.7E6  | 1178.8E6  | 832.128m  | 693.614   |
| 10) T                       | Pentachlo... | 8.761  | 9.547  | 41089.3E6 | 26234.1E6 | 817.509m  | 680.785   |
| 11) T                       | 2,4,5-TP ... | 9.341  | 9.928  | 14871.1E6 | 9881.8E6  | 799.059   | 673.344   |
| 12) T                       | 2,4,5-T      | 9.634  | 10.355 | 12941.9E6 | 9148.5E6  | 850.699m  | 653.850   |
| 13) T                       | 2,4-DB       | 10.212 | 10.923 | 1832.2E6  | 745.2E6   | 844.046m  | 629.861 # |
| 14) T                       | DINOSEB      | 11.425 | 11.306 | 10077.5E6 | 7077.9E6  | 764.382m  | 623.522   |
| 15) T                       | Picloram     | 11.236 | 12.417 | 15446.8E6 | 16429.1E6 | 1060.040m | 699.688 # |
| 16) T                       | DCPA         | 11.723 | 12.351 | 18958.2E6 | 15040.8E6 | 791.999m  | 666.938m  |
| -----                       |              |        |        |           |           |           |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071825\  
Data File : PS031154.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jul 2025 01:23  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

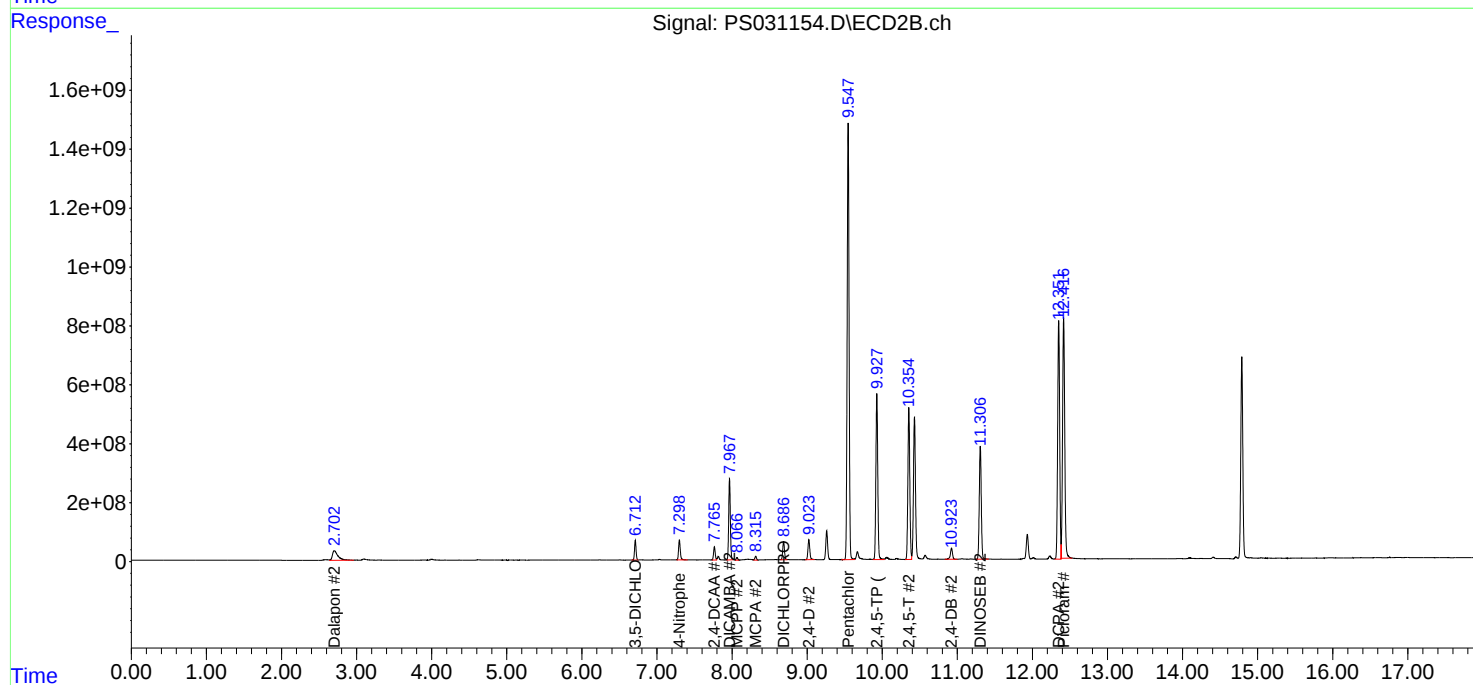
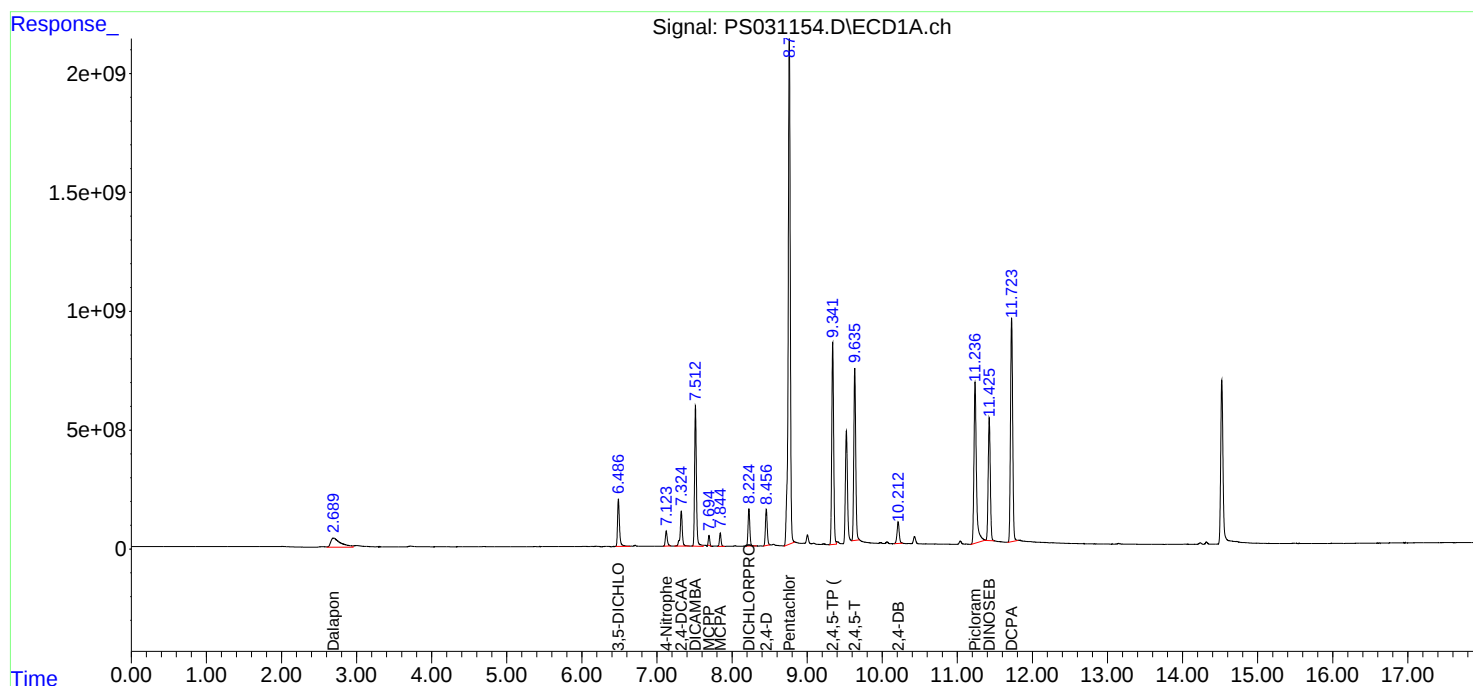
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

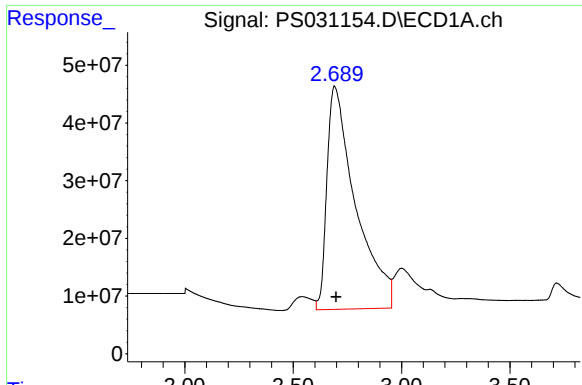
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/21/2025  
Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 06:18:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS071125.M  
Quant Title : 8080.M  
QLast Update : Mon Jul 14 05:51:06 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.: 2.690 min  
Delta R.T.: -0.008 min  
Response: 3546835514  
Conc: 582.24 ng/ml

Instrument :

ECD\_S

ClientSampleId :

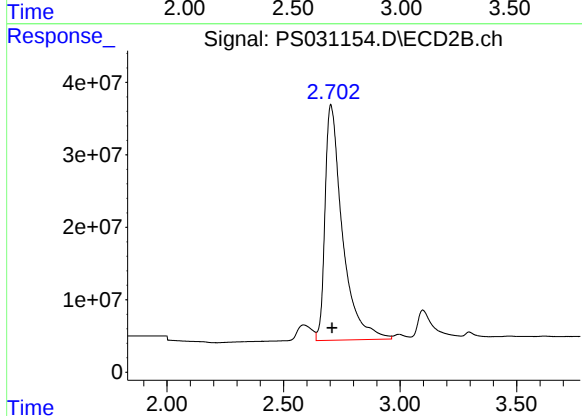
HSTDCCC750

Manual Integrations

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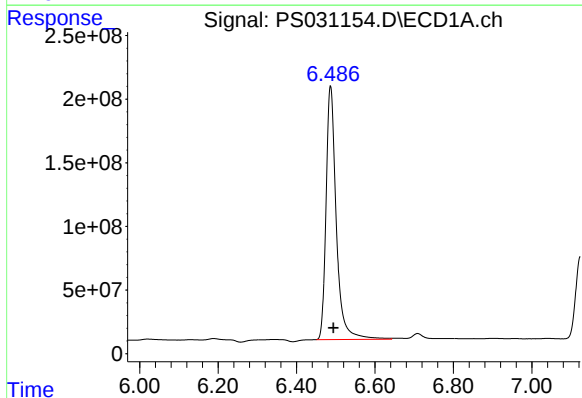
Reviewed By :Abdul Mirza 07/21/2025

Supervised By :mohammad ahmed 07/23/2025



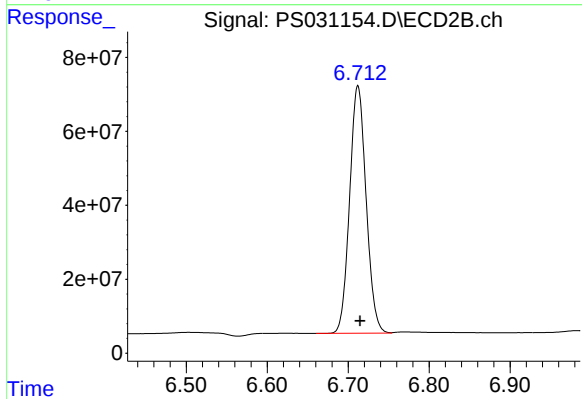
#1 Dalapon

R.T.: 2.702 min  
Delta R.T.: -0.006 min  
Response: 1690845702  
Conc: 594.77 ng/ml



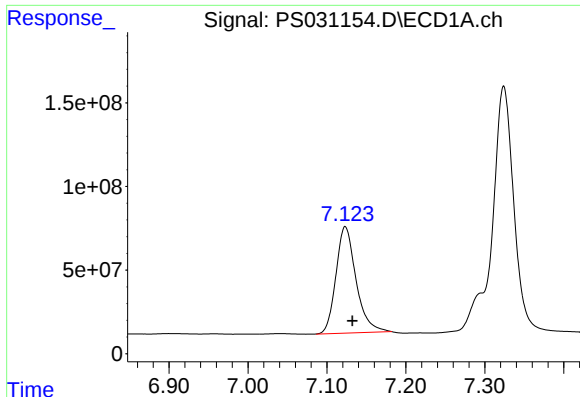
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.487 min  
Delta R.T.: -0.007 min  
Response: 3601298058  
Conc: 687.45 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.712 min  
Delta R.T.: -0.003 min  
Response: 948547659  
Conc: 611.83 ng/ml



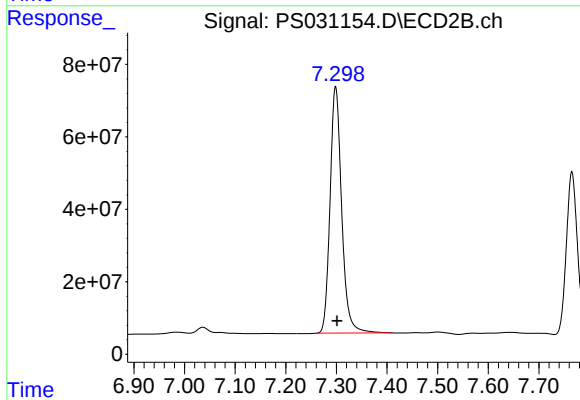
#3 4-Nitrophenol

R.T.: 7.123 min  
Delta R.T.: -0.010 min  
Response: 1126319908  
Conc: 834.31 ng/ml

Instrument :  
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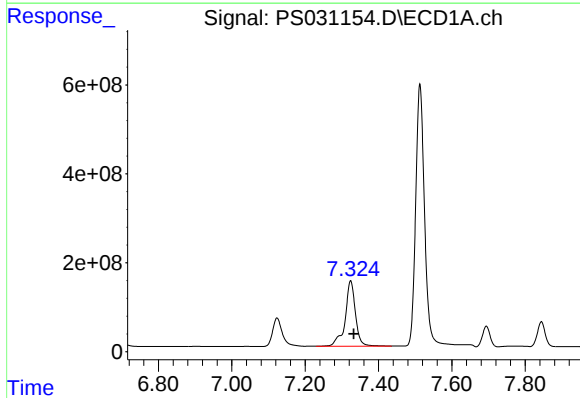
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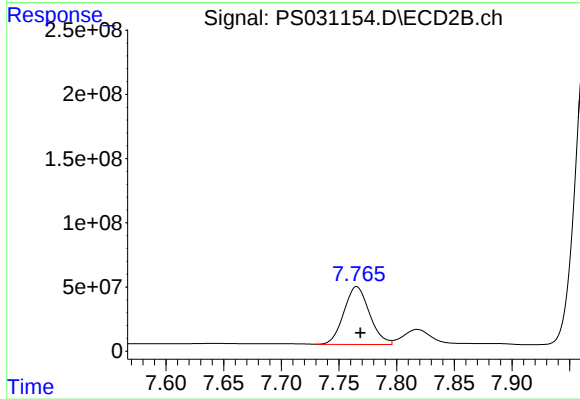
#3 4-Nitrophenol

R.T.: 7.299 min  
Delta R.T.: -0.003 min  
Response: 1085390069  
Conc: 622.40 ng/ml



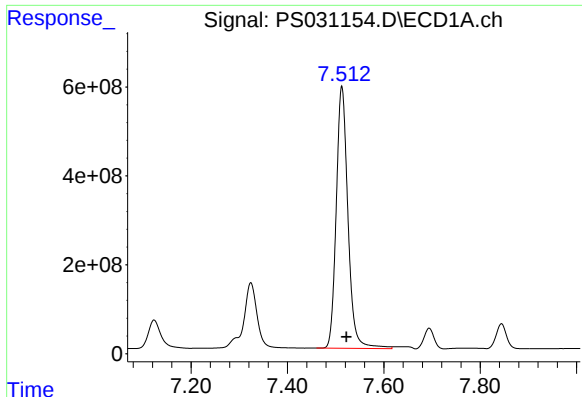
#4 2,4-DCAA

R.T.: 7.324 min  
Delta R.T.: -0.009 min  
Response: 2864942412  
Conc: 724.37 ng/ml



#4 2,4-DCAA

R.T.: 7.765 min  
Delta R.T.: -0.003 min  
Response: 695644323  
Conc: 671.45 ng/ml



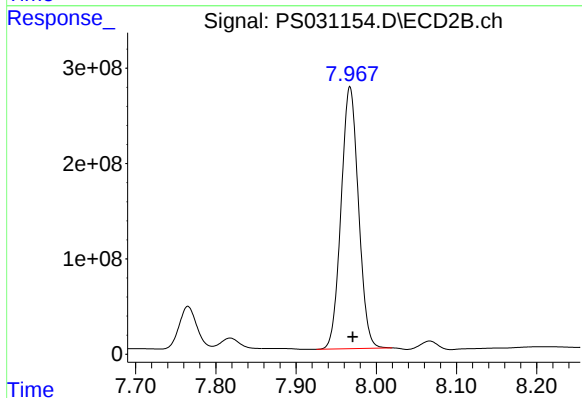
#5 DICAMBA

R.T.: 7.513 min  
Delta R.T.: -0.010 min  
Response: 9926716495  
Conc: 632.64 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

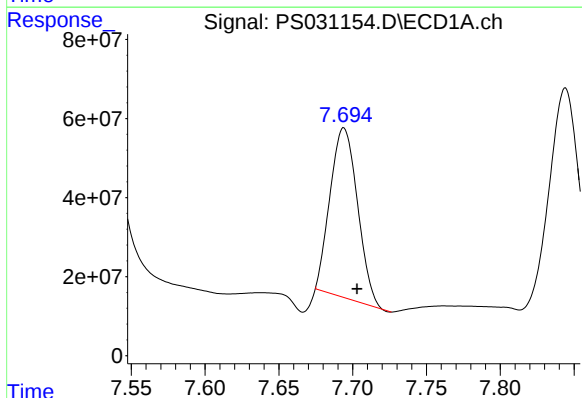
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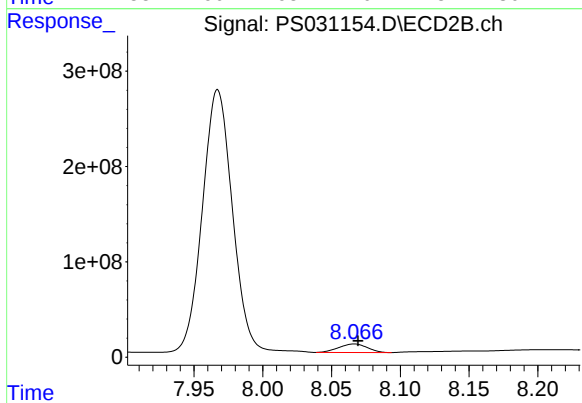
#5 DICAMBA

R.T.: 7.967 min  
Delta R.T.: -0.003 min  
Response: 4142262302  
Conc: 639.59 ng/ml



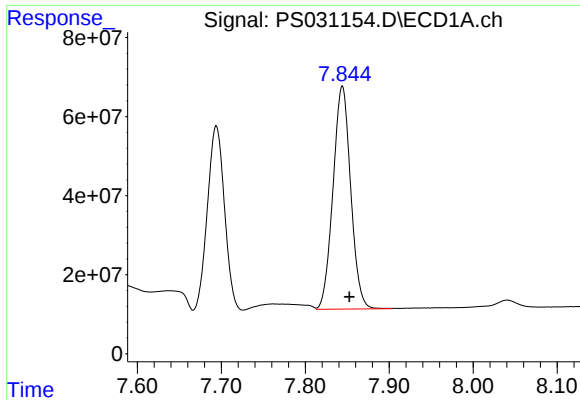
#6 MCPP

R.T.: 7.694 min  
Delta R.T.: -0.009 min  
Response: 554552111  
Conc: 60.27 ug/ml



#6 MCPP

R.T.: 8.066 min  
Delta R.T.: -0.003 min  
Response: 128961953  
Conc: 60.32 ug/ml



#7 MCPA

R.T.: 7.844 min  
Delta R.T.: -0.009 min  
Response: 825566403  
Conc: 75.69 ug/ml

Instrument :

ECD\_S

ClientSampleId :

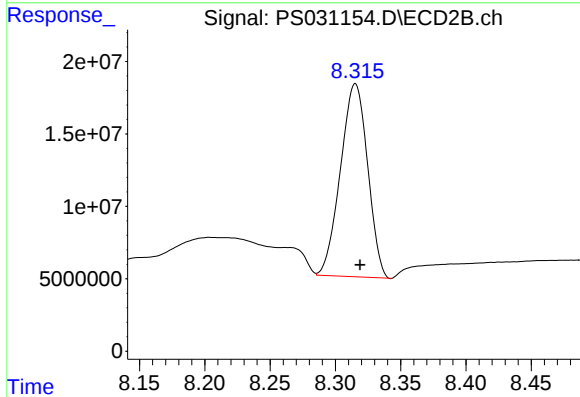
HSTDCCC750

Manual Integrations

APPROVED

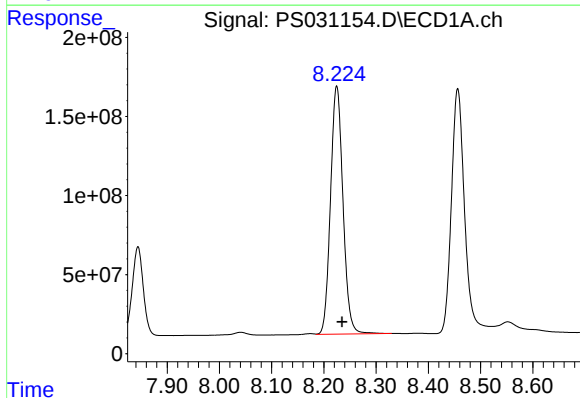
Reviewed By :Abdul Mirza 07/21/2025

Supervised By :mohammad ahmed 07/23/2025



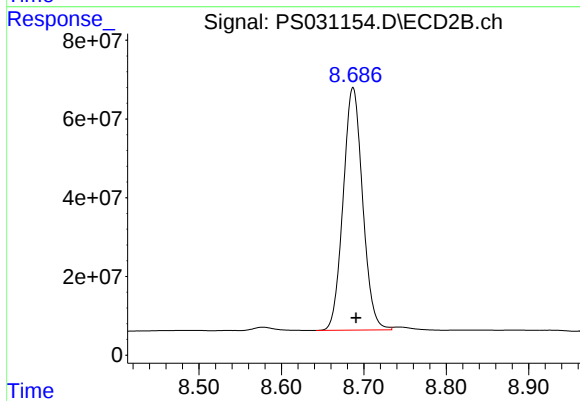
#7 MCPA

R.T.: 8.315 min  
Delta R.T.: -0.004 min  
Response: 192801559  
Conc: 60.14 ug/ml



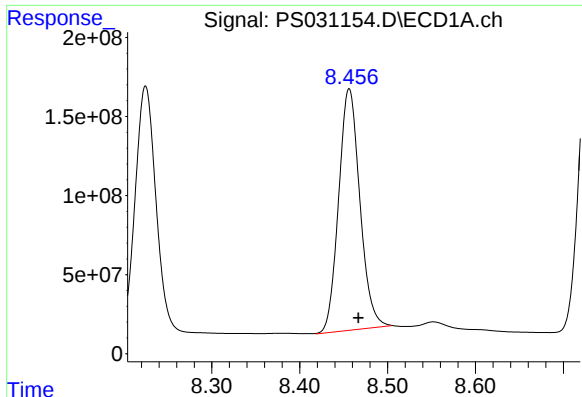
#8 DICHLORPROP

R.T.: 8.225 min  
Delta R.T.: -0.010 min  
Response: 2596651501  
Conc: 762.56 ng/ml



#8 DICHLORPROP

R.T.: 8.687 min  
Delta R.T.: -0.004 min  
Response: 1011553653  
Conc: 665.82 ng/ml



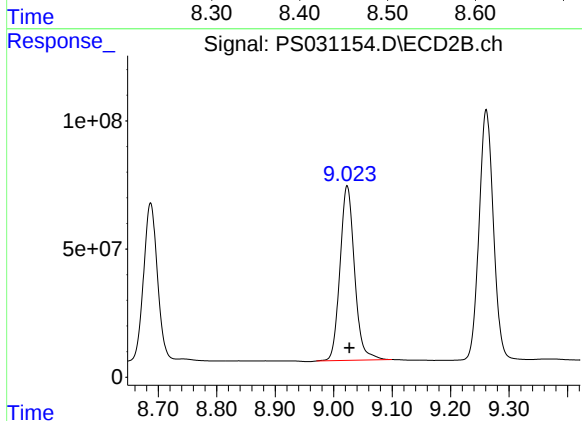
#9 2,4-D

R.T.: 8.456 min  
Delta R.T.: -0.011 min  
Response: 2561653103  
Conc: 832.13 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

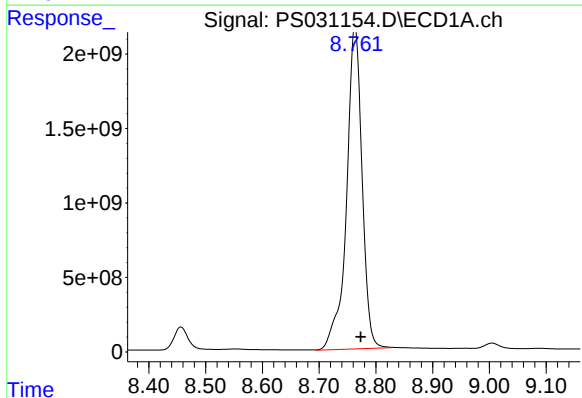
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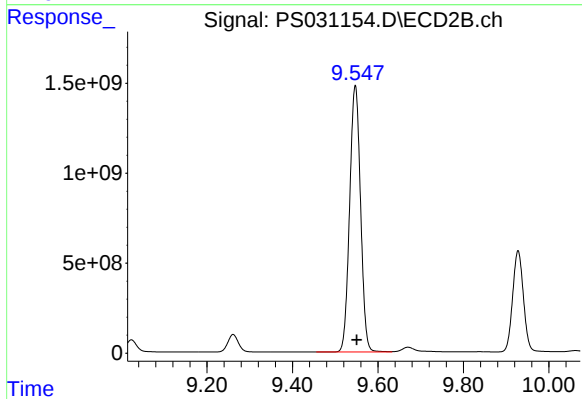
#9 2,4-D

R.T.: 9.023 min  
Delta R.T.: -0.004 min  
Response: 1178772599  
Conc: 693.61 ng/ml



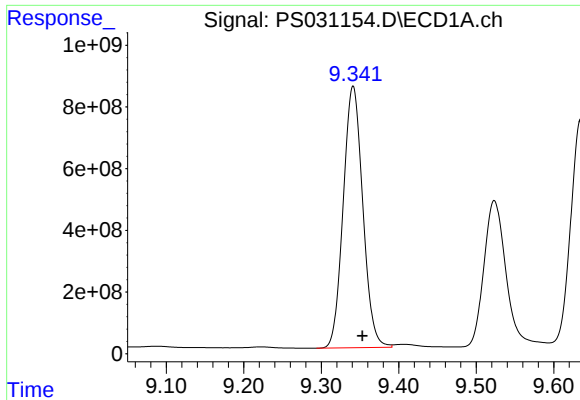
#10 Pentachlorophenol

R.T.: 8.761 min  
Delta R.T.: -0.012 min  
Response: 41089256201  
Conc: 817.51 ng/ml m



#10 Pentachlorophenol

R.T.: 9.547 min  
Delta R.T.: -0.003 min  
Response: 26234088984  
Conc: 680.78 ng/ml



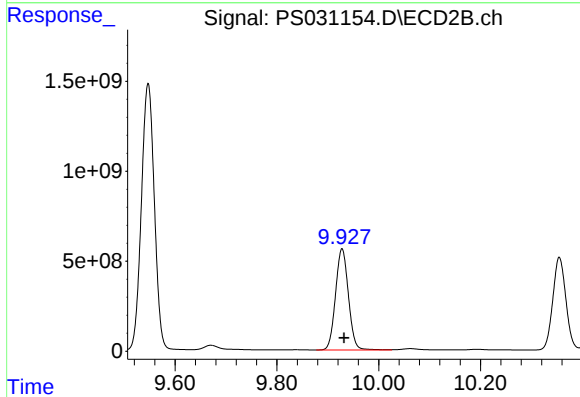
#11 2,4,5-TP (SILVEX)

R.T.: 9.341 min  
Delta R.T.: -0.012 min  
Response: 14871065411  
Conc: 799.06 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

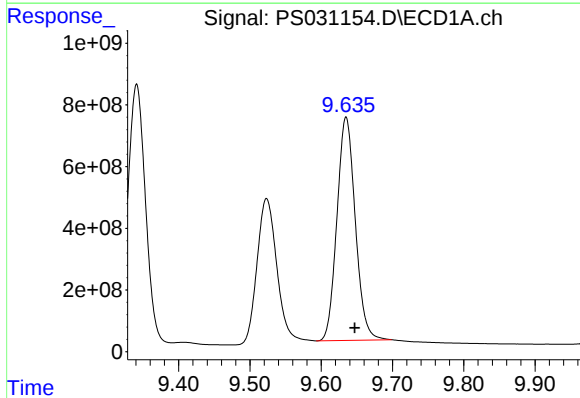
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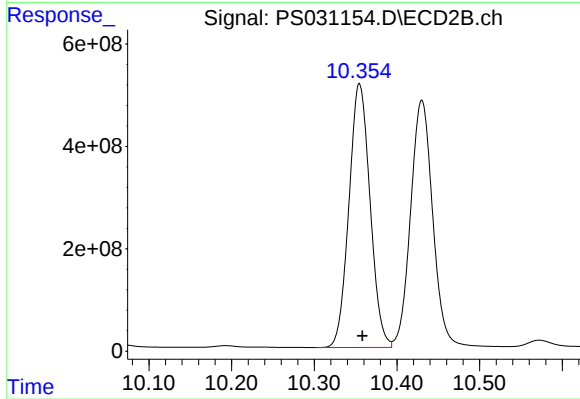
#11 2,4,5-TP (SILVEX)

R.T.: 9.928 min  
Delta R.T.: -0.004 min  
Response: 9881846318  
Conc: 673.34 ng/ml



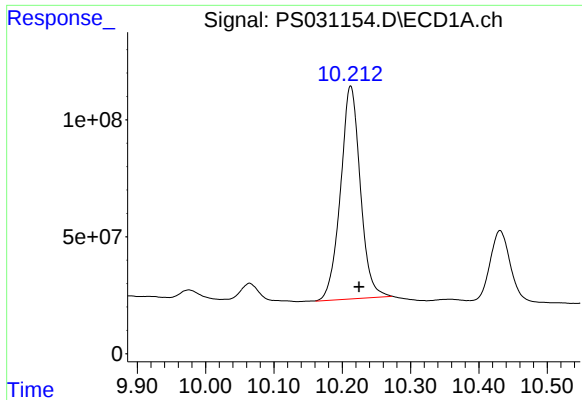
#12 2,4,5-T

R.T.: 9.634 min  
Delta R.T.: -0.012 min  
Response: 12941949504  
Conc: 850.70 ng/ml m



#12 2,4,5-T

R.T.: 10.355 min  
Delta R.T.: -0.004 min  
Response: 9148546193  
Conc: 653.85 ng/ml



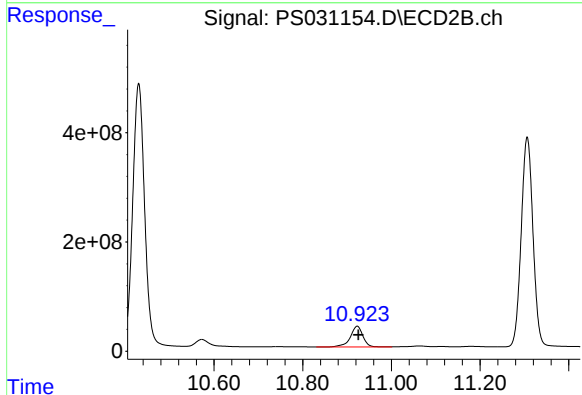
#13 2,4-DB

R.T.: 10.212 min  
Delta R.T.: -0.013 min  
Response: 1832245980  
Conc: 844.05 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

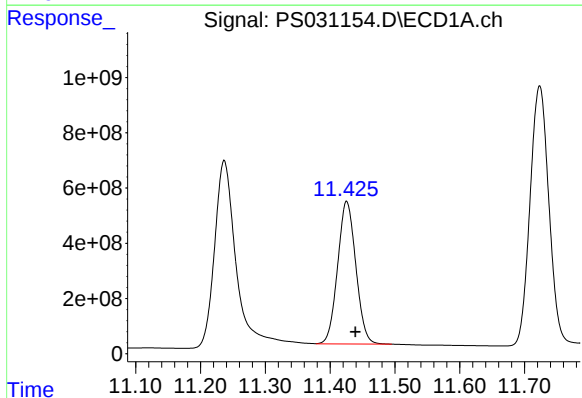
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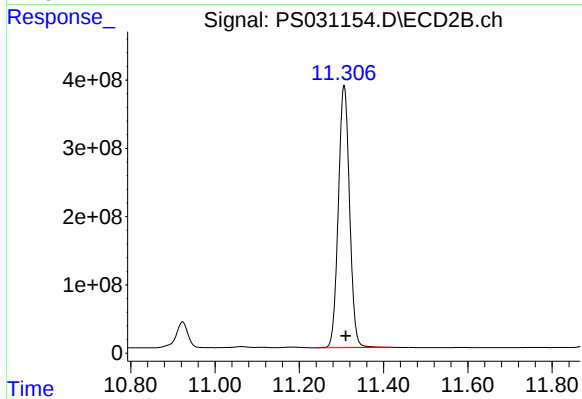
#13 2,4-DB

R.T.: 10.923 min  
Delta R.T.: -0.003 min  
Response: 745240561  
Conc: 629.86 ng/ml



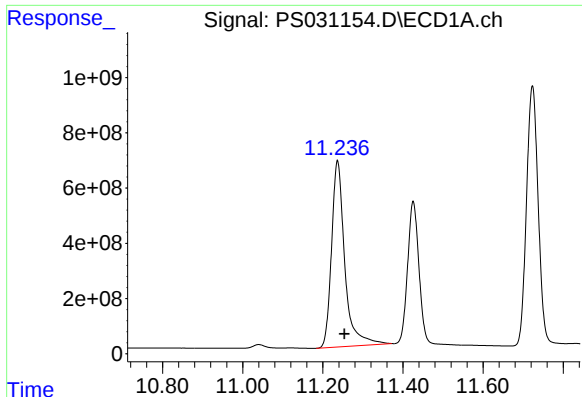
#14 DINOSEB

R.T.: 11.425 min  
Delta R.T.: -0.014 min  
Response: 10077536964  
Conc: 764.38 ng/ml m



#14 DINOSEB

R.T.: 11.306 min  
Delta R.T.: -0.004 min  
Response: 7077925704  
Conc: 623.52 ng/ml



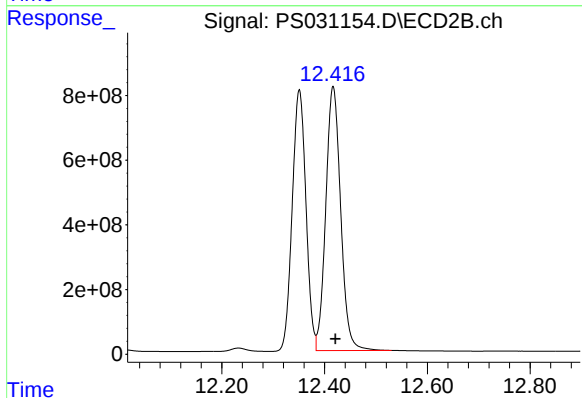
#15 Picloram

R.T.: 11.236 min  
Delta R.T.: -0.018 min  
Response: 15446847708  
Conc: 1060.04 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

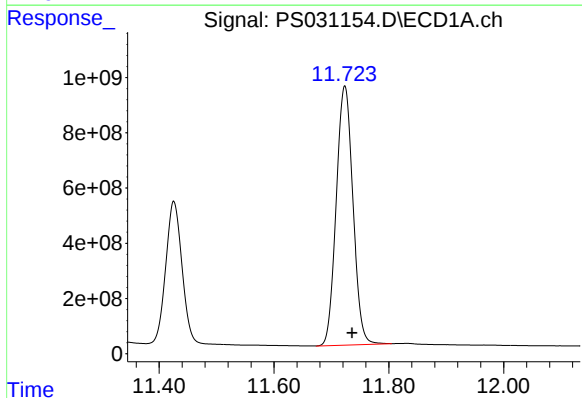
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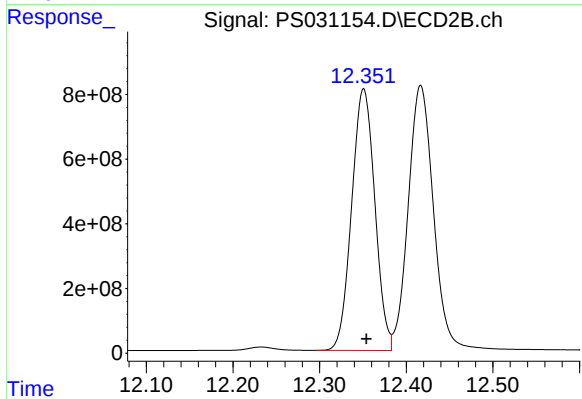
#15 Picloram

R.T.: 12.417 min  
Delta R.T.: -0.004 min  
Response: 16429142502  
Conc: 699.69 ng/ml



#16 DCPA

R.T.: 11.723 min  
Delta R.T.: -0.013 min  
Response: 18958217316  
Conc: 792.00 ng/ml m



#16 DCPA

R.T.: 12.351 min  
Delta R.T.: -0.004 min  
Response: 15040773800  
Conc: 666.94 ng/ml m