

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071725\  
 Data File : PS031089.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jul 2025 10:04  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/18/2025  
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 12:34:10 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     | 7.329  | 7.768  | 2437.6E6  | 634.2E6   | 616.315m | 612.160   |
| Target Compounds            |              |        |        |           |           |          |           |
| 1) T                        | Dalapon      | 2.692  | 2.704  | 3635.3E6  | 1611.2E6  | 596.767  | 566.743   |
| 2) T                        | 3,5-DICHL... | 6.491  | 6.715  | 3388.9E6  | 869.2E6   | 646.918  | 560.638   |
| 3) T                        | 4-Nitroph... | 7.129  | 7.301  | 1074.2E6  | 992.3E6   | 795.684  | 568.988 # |
| 5) T                        | DICAMBA      | 7.519  | 7.971  | 10175.3E6 | 3781.3E6  | 648.486  | 583.856   |
| 6) T                        | MCPD         | 7.700  | 8.069  | 596.9E6   | 124.4E6   | 64.873   | 58.175    |
| 7) T                        | MCPA         | 7.850  | 8.317  | 744.5E6   | 187.0E6   | 68.256   | 58.337    |
| 8) T                        | DICHLORPROP  | 8.231  | 8.691  | 2261.4E6  | 882.0E6   | 664.115  | 580.542   |
| 9) T                        | 2,4-D        | 8.463  | 9.027  | 2398.1E6  | 990.2E6   | 779.001  | 582.656 # |
| 10) T                       | Pentachlo... | 8.770  | 9.550  | 36148.9E6 | 23708.2E6 | 719.216  | 615.237   |
| 11) T                       | 2,4,5-TP ... | 9.348  | 9.932  | 13545.9E6 | 8807.4E6  | 727.855  | 600.131   |
| 12) T                       | 2,4,5-T      | 9.643  | 10.359 | 12659.1E6 | 8418.3E6  | 832.109  | 601.659 # |
| 13) T                       | 2,4-DB       | 10.220 | 10.927 | 1993.7E6  | 700.3E6   | 918.401  | 591.886 # |
| 14) T                       | DINOSEB      | 11.435 | 11.311 | 9531.3E6  | 6587.5E6  | 722.947  | 580.316   |
| 15) T                       | Picloram     | 11.247 | 12.422 | 13666.3E6 | 14907.2E6 | 937.848  | 634.871 # |
| 16) T                       | DCPA         | 11.732 | 12.355 | 17995.2E6 | 13593.6E6 | 751.767  | 602.766   |
| -----                       |              |        |        |           |           |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071725\  
Data File : PS031089.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jul 2025 10:04  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

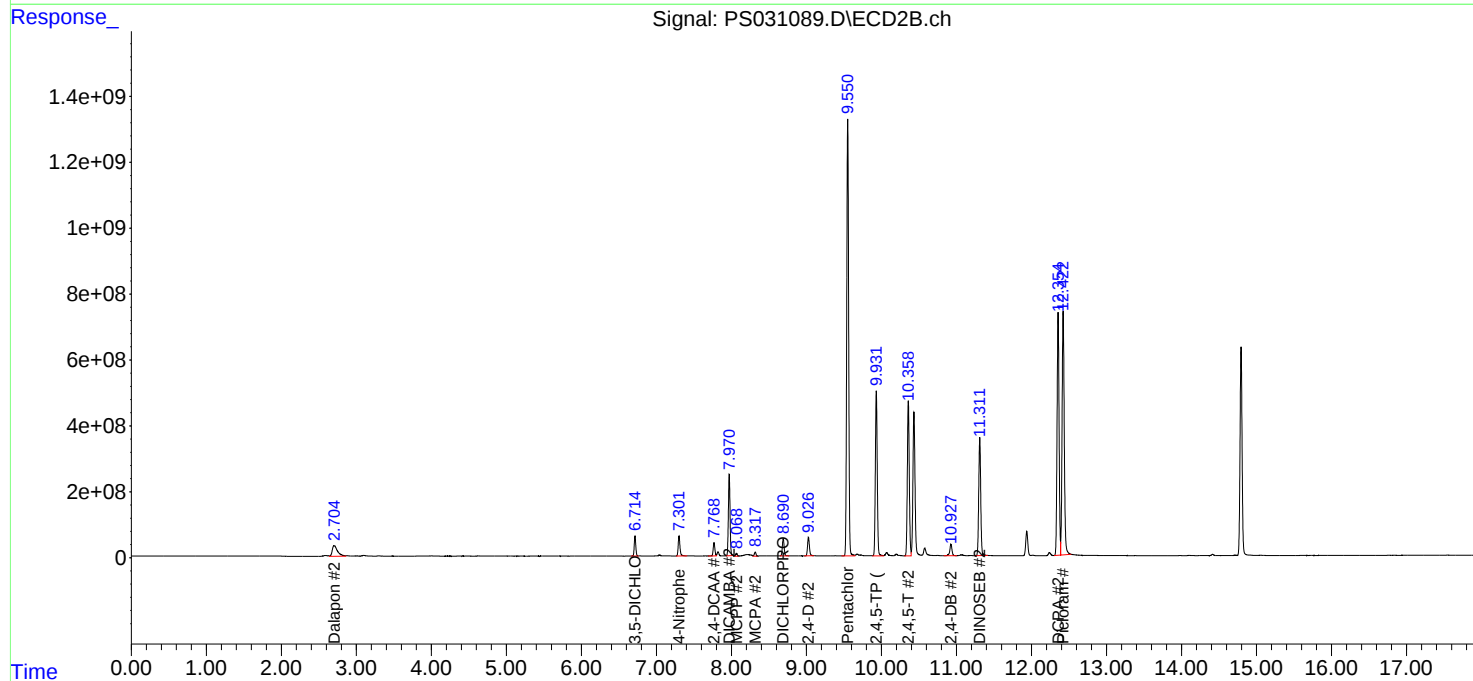
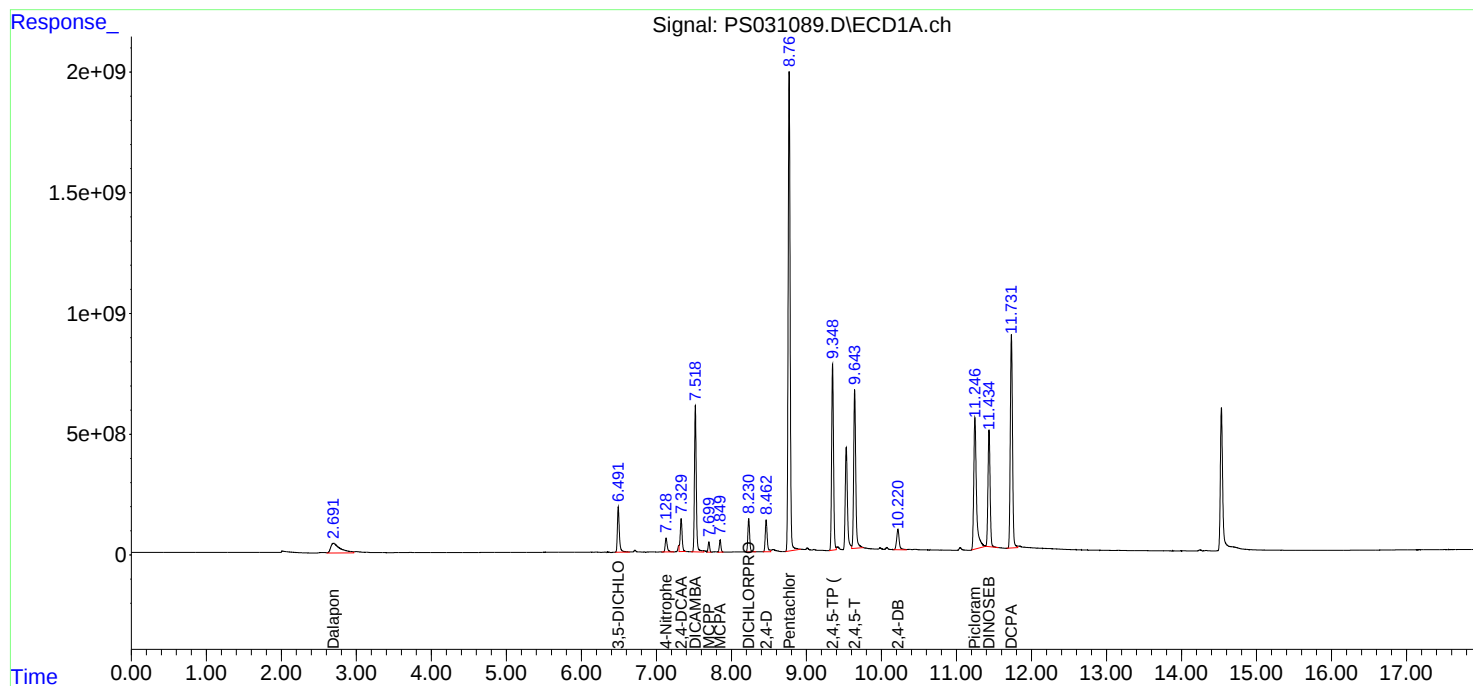
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

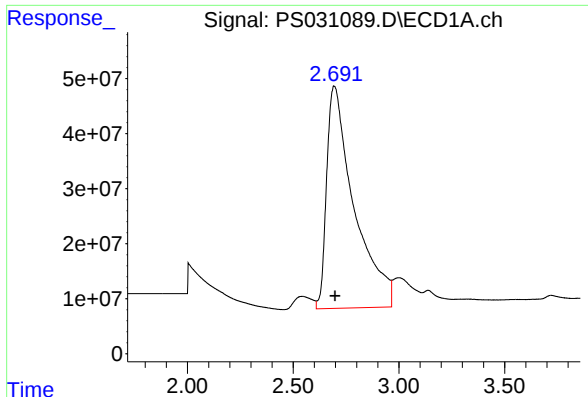
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/18/2025  
Supervised By : mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 12:34:10 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.: 2.692 min  
Delta R.T.: -0.006 min  
Response: 3635340939  
Conc: 596.77 ng/ml

Instrument :

ECD\_S

ClientSampleId :

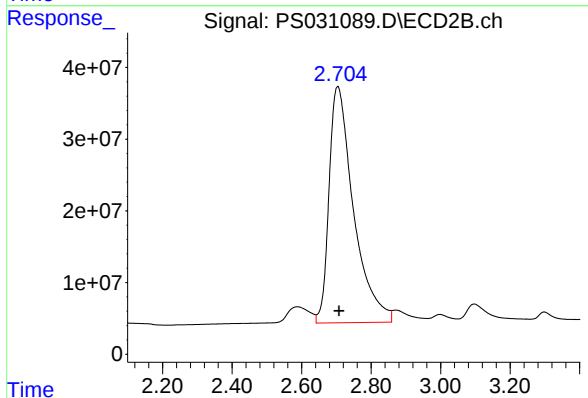
HSTDCCC750

Manual Integrations

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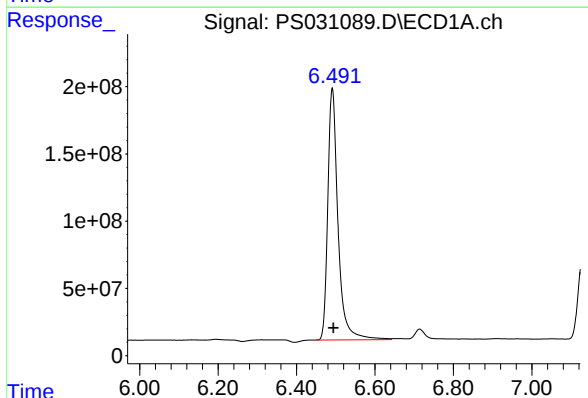
Reviewed By :Abdul Mirza 07/18/2025

Supervised By :mohammad ahmed 07/19/2025



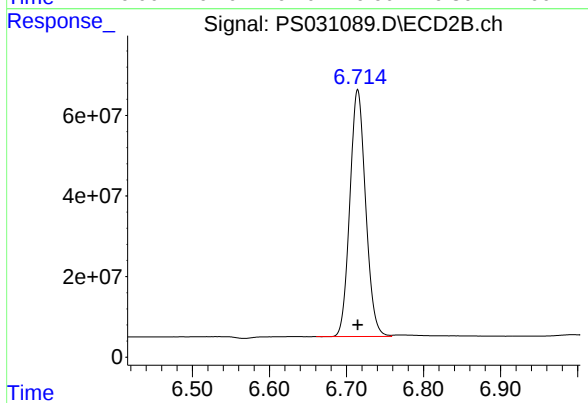
#1 Dalapon

R.T.: 2.704 min  
Delta R.T.: -0.004 min  
Response: 1611169842  
Conc: 566.74 ng/ml



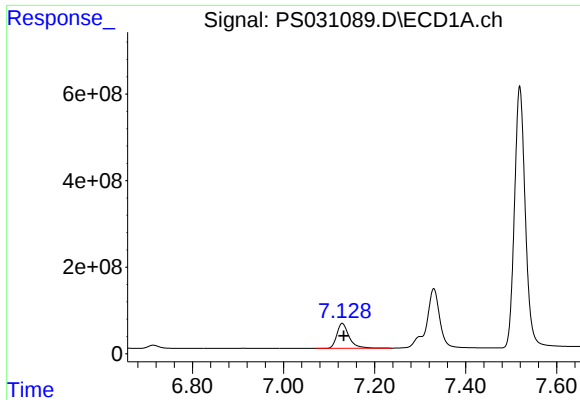
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.491 min  
Delta R.T.: -0.003 min  
Response: 3388946805  
Conc: 646.92 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 869177356  
Conc: 560.64 ng/ml



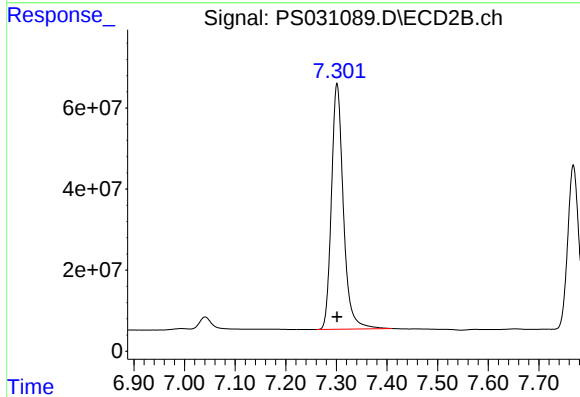
#3 4-Nitrophenol

R.T.: 7.129 min  
Delta R.T.: -0.003 min  
Response: 1074180202  
Conc: 795.68 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

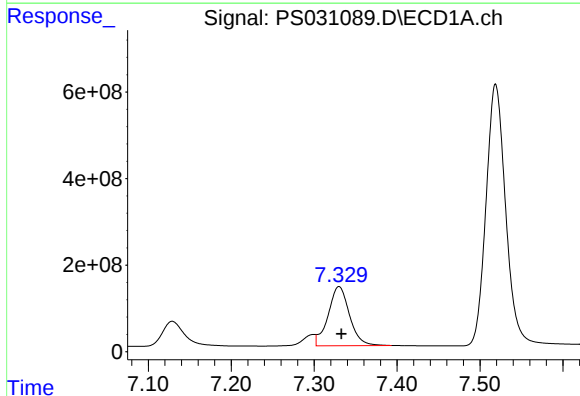
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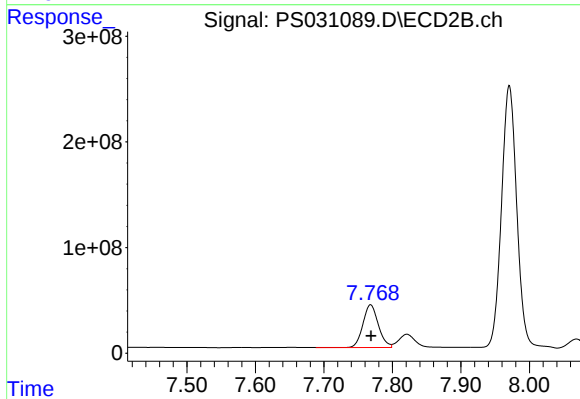
#3 4-Nitrophenol

R.T.: 7.301 min  
Delta R.T.: 0.000 min  
Response: 992251759  
Conc: 568.99 ng/ml



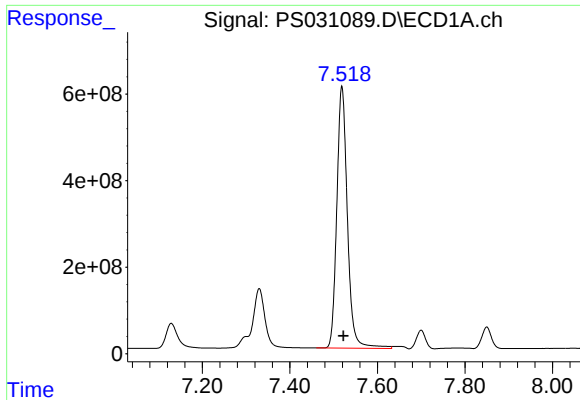
#4 2,4-DCAA

R.T.: 7.329 min  
Delta R.T.: -0.003 min  
Response: 2437571795  
Conc: 616.31 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min  
Delta R.T.: 0.000 min  
Response: 634217901  
Conc: 612.16 ng/ml



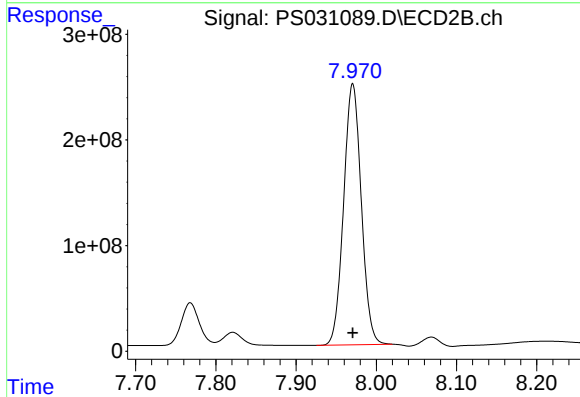
#5 DICAMBA

R.T.: 7.519 min  
Delta R.T.: -0.004 min  
Response: 10175332260  
Conc: 648.49 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

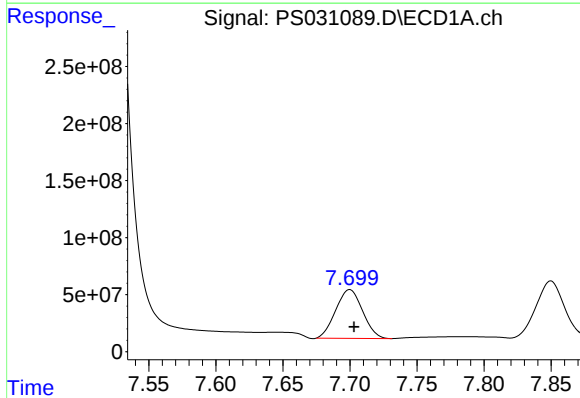
Manual Integrations  
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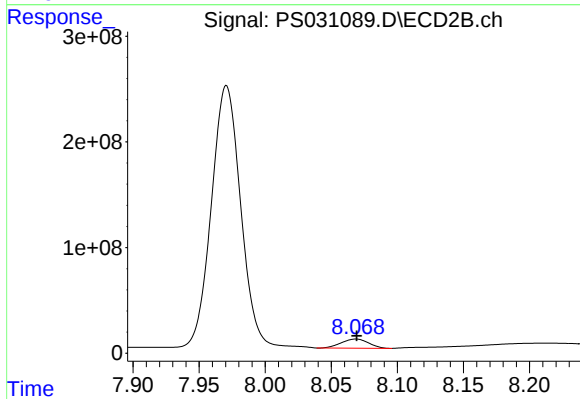
#5 DICAMBA

R.T.: 7.971 min  
Delta R.T.: 0.000 min  
Response: 3781297610  
Conc: 583.86 ng/ml



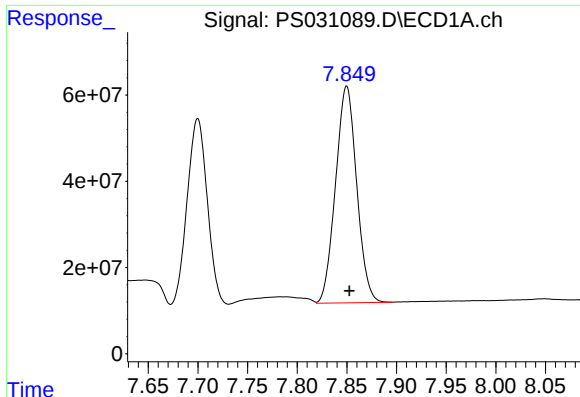
#6 MCP

R.T.: 7.700 min  
Delta R.T.: -0.003 min  
Response: 596918022  
Conc: 64.87 ug/ml



#6 MCP

R.T.: 8.069 min  
Delta R.T.: 0.000 min  
Response: 124375634  
Conc: 58.18 ug/ml



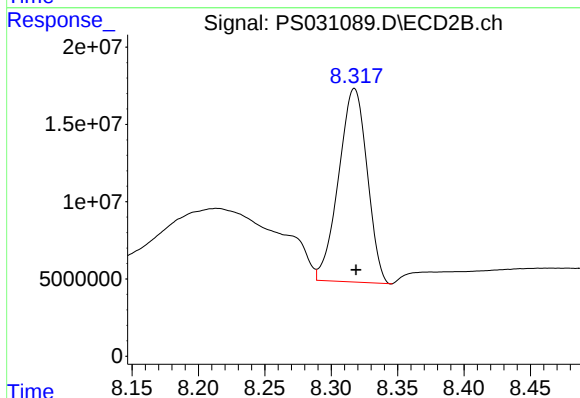
#7 MCPA

R.T.: 7.850 min  
Delta R.T.: -0.003 min  
Response: 744450274  
Conc: 68.26 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

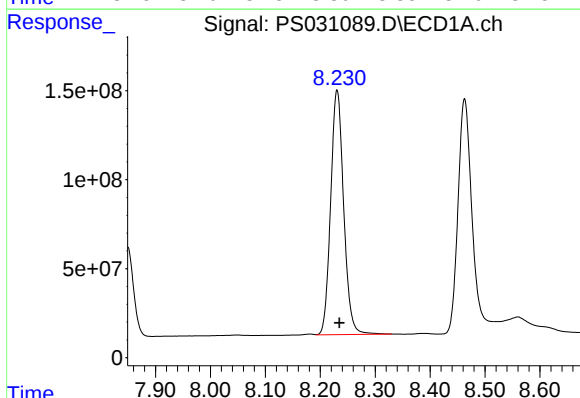
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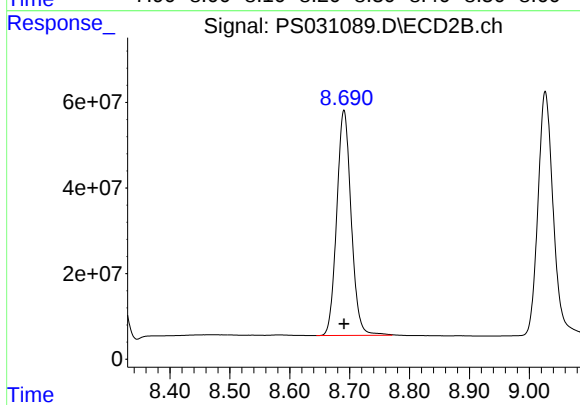
#7 MCPA

R.T.: 8.317 min  
Delta R.T.: -0.001 min  
Response: 187009760  
Conc: 58.34 ug/ml



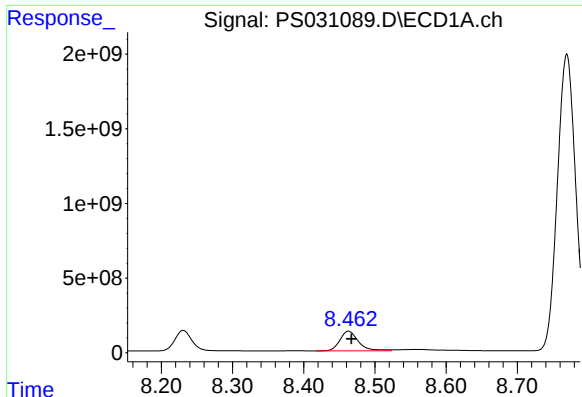
#8 DICHLORPROP

R.T.: 8.231 min  
Delta R.T.: -0.004 min  
Response: 2261414931  
Conc: 664.12 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min  
Delta R.T.: 0.000 min  
Response: 881994246  
Conc: 580.54 ng/ml



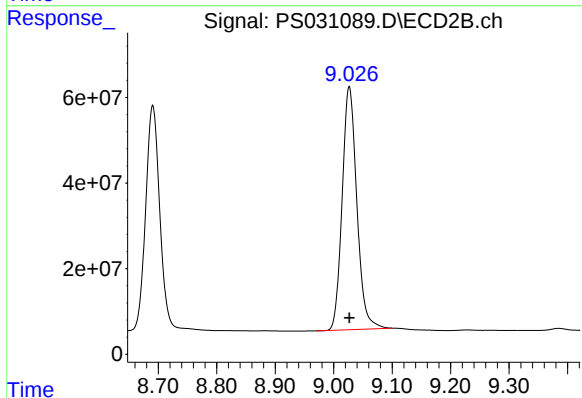
#9 2,4-D

R.T.: 8.463 min  
Delta R.T.: -0.004 min  
Response: 2398104431  
Conc: 779.00 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

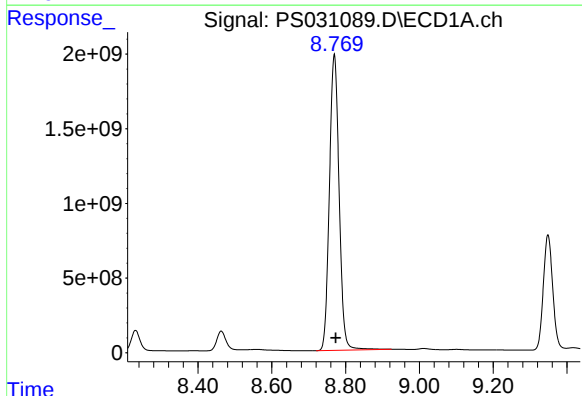
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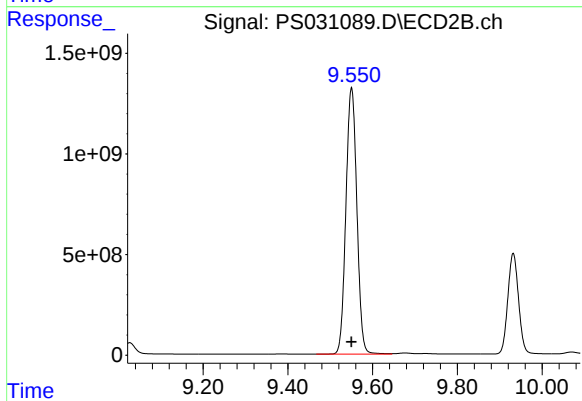
#9 2,4-D

R.T.: 9.027 min  
Delta R.T.: 0.000 min  
Response: 990203740  
Conc: 582.66 ng/ml



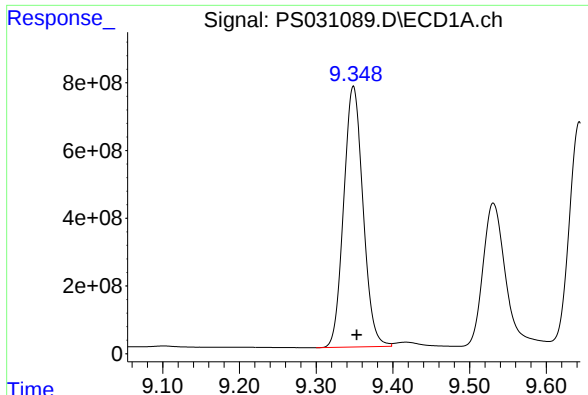
#10 Pentachlorophenol

R.T.: 8.770 min  
Delta R.T.: -0.004 min  
Response: 36148930041  
Conc: 719.22 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min  
Delta R.T.: 0.000 min  
Response: 23708179379  
Conc: 615.24 ng/ml



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

R.T.: 9.348 min  
Delta R.T.: -0.005 min  
Response: 13545922778  
Conc: 727.86 ng/ml

Instrument :

ECD\_S

ClientSampleId :

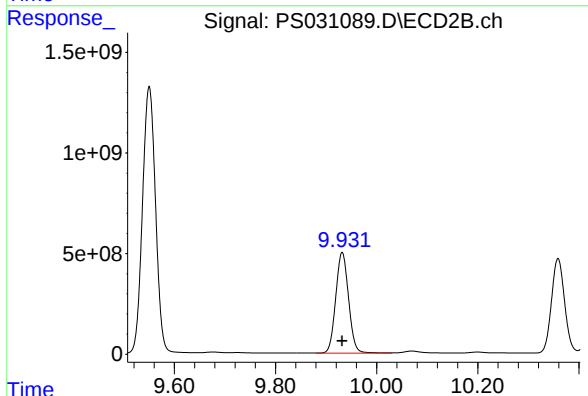
HSTDCCC750

Manual Integrations

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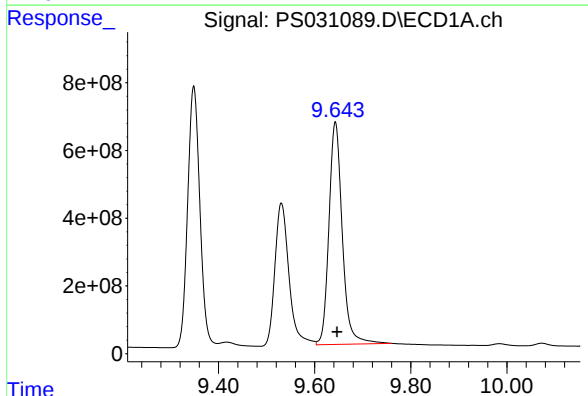
Reviewed By :Abdul Mirza 07/18/2025

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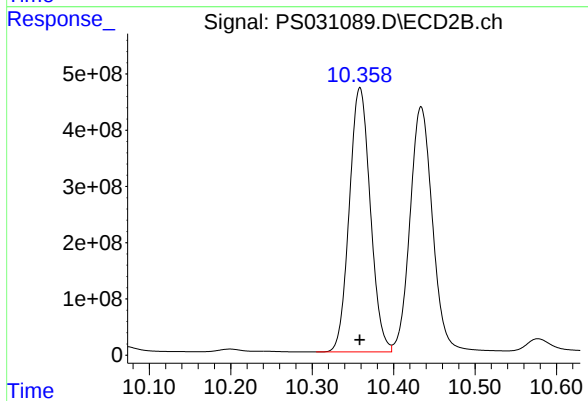
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min  
Delta R.T.: 0.000 min  
Response: 8807387850  
Conc: 600.13 ng/ml



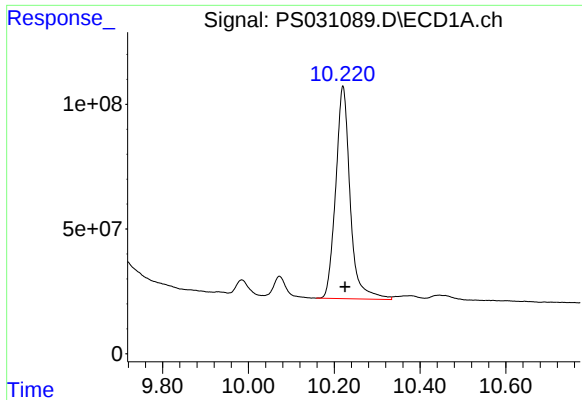
#12 2,4,5-T

R.T.: 9.643 min  
Delta R.T.: -0.004 min  
Response: 12659132061  
Conc: 832.11 ng/ml



#12 2,4,5-T

R.T.: 10.359 min  
Delta R.T.: 0.000 min  
Response: 8418306956  
Conc: 601.66 ng/ml



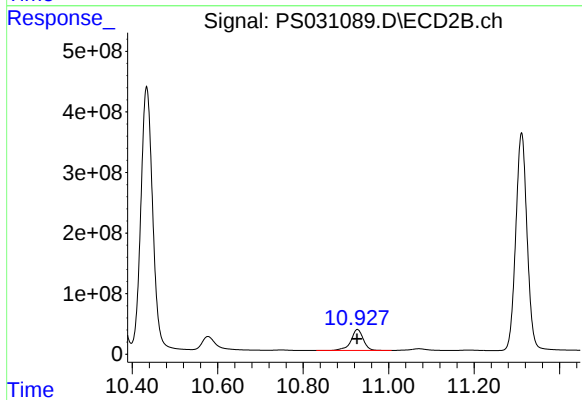
#13 2,4-DB

R.T.: 10.220 min  
Delta R.T.: -0.005 min  
Response: 1993656135  
Conc: 918.40 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

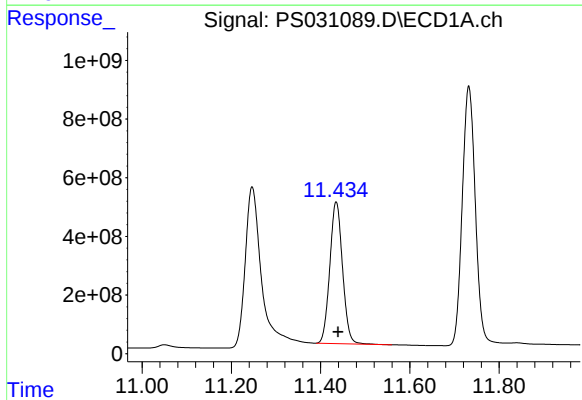
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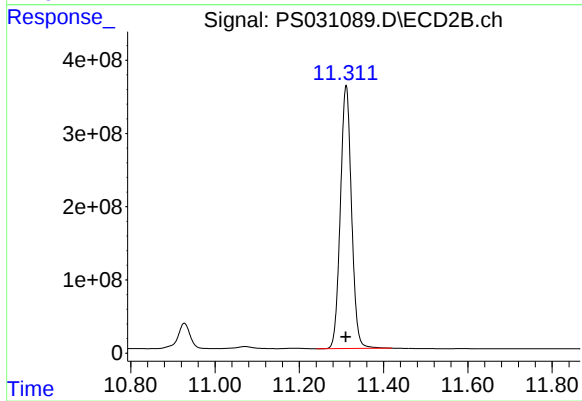
#13 2,4-DB

R.T.: 10.927 min  
Delta R.T.: 0.001 min  
Response: 700308454  
Conc: 591.89 ng/ml



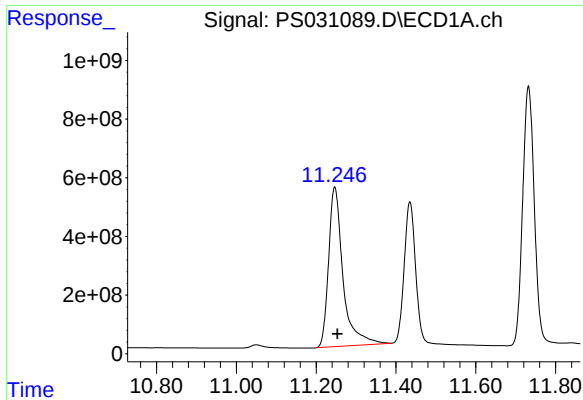
#14 DINOSEB

R.T.: 11.435 min  
Delta R.T.: -0.004 min  
Response: 9531257163  
Conc: 722.95 ng/ml



#14 DINOSEB

R.T.: 11.311 min  
Delta R.T.: 0.000 min  
Response: 6587465228  
Conc: 580.32 ng/ml



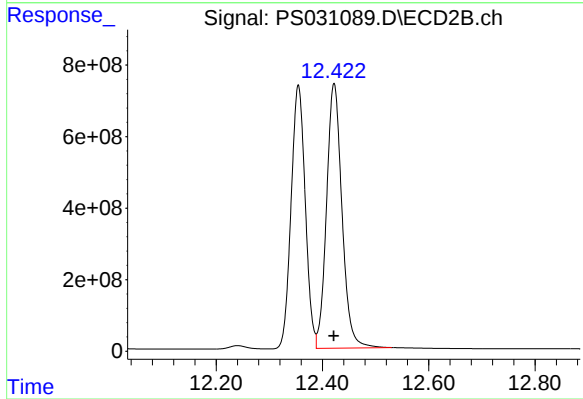
#15 Picloram

R.T.: 11.247 min  
Delta R.T.: -0.007 min  
Response: 13666276186  
Conc: 937.85 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

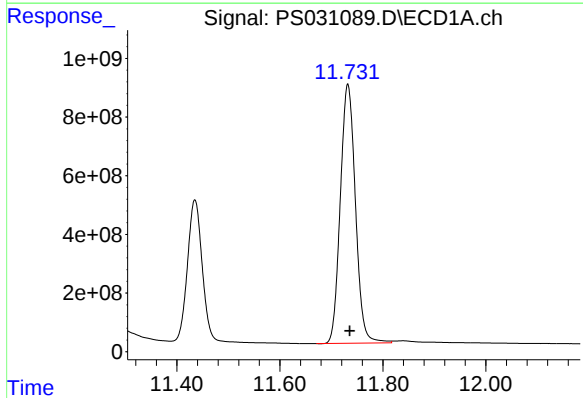
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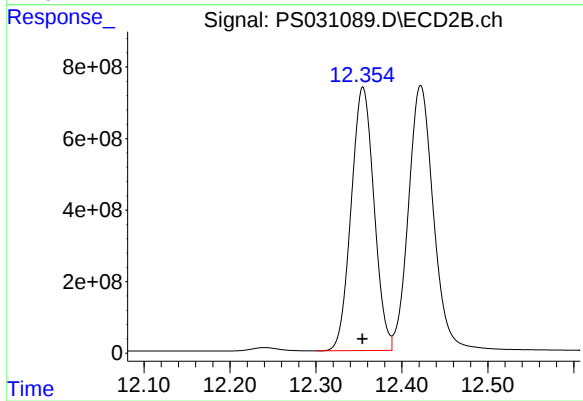
#15 Picloram

R.T.: 12.422 min  
Delta R.T.: 0.000 min  
Response: 14907181076  
Conc: 634.87 ng/ml



#16 DCPA

R.T.: 11.732 min  
Delta R.T.: -0.004 min  
Response: 17995176953  
Conc: 751.77 ng/ml



#16 DCPA

R.T.: 12.355 min  
Delta R.T.: 0.000 min  
Response: 13593560964  
Conc: 602.77 ng/ml