

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS082025\  
 Data File : PS031516.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Aug 2025 09:05  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/22/2025  
 Supervised By :mohammad ahmed 08/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 20 10:55:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080725.M  
 Quant Title : 8080.M  
 QLast Update : Fri Aug 08 03:17:54 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     | 7.288  | 7.743  | 2356.8E6  | 588.1E6   | 742.542  | 695.716  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.675  | 2.695  | 3083.8E6  | 1528.6E6  | 587.517  | 574.457  |
| 2) T                        | 3,5-DICHL... | 6.455  | 6.695  | 3304.6E6  | 911.8E6   | 700.382  | 674.446  |
| 3) T                        | 4-Nitroph... | 7.096  | 7.290  | 670.8E6   | 736.1E6   | 650.163  | 585.618  |
| 5) T                        | DICAMBA      | 7.473  | 7.940  | 9804.5E6  | 3840.3E6  | 702.000  | 675.788  |
| 6) T                        | MCPD         | 7.652  | 8.037  | 547.7E6   | 124.2E6   | 68.078   | 70.260m  |
| 7) T                        | MCPA         | 7.801  | 8.285  | 700.4E6   | 177.3E6   | 70.313   | 63.204   |
| 8) T                        | DICHLORPROP  | 8.181  | 8.659  | 2210.2E6  | 895.9E6   | 696.675  | 671.042  |
| 9) T                        | 2,4-D        | 8.416  | 8.999  | 2069.6E6  | 911.8E6   | 719.392  | 638.836  |
| 10) T                       | Pentachlo... | 8.713  | 9.511  | 36284.7E6 | 25110.6E6 | 755.736  | 720.981  |
| 11) T                       | 2,4,5-TP ... | 9.290  | 9.895  | 13222.2E6 | 9134.8E6  | 737.695  | 696.463  |
| 12) T                       | 2,4,5-T      | 9.586  | 10.323 | 11173.3E6 | 8194.2E6  | 762.617  | 692.095  |
| 13) T                       | 2,4-DB       | 10.162 | 10.891 | 1460.8E6  | 622.3E6   | 760.136  | 645.005  |
| 14) T                       | DINOSEB      | 11.362 | 11.269 | 9153.8E6  | 6281.9E6  | 721.992  | 664.261  |
| 15) T                       | Picloram     | 11.188 | 12.388 | 9896.8E6  | 12049.7E6 | 758.134m | 687.386  |
| 16) T                       | DCPA         | 11.660 | 12.309 | 17401.5E6 | 14522.0E6 | 763.918m | 737.142m |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS082025\  
Data File : PS031516.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Aug 2025 09:05  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

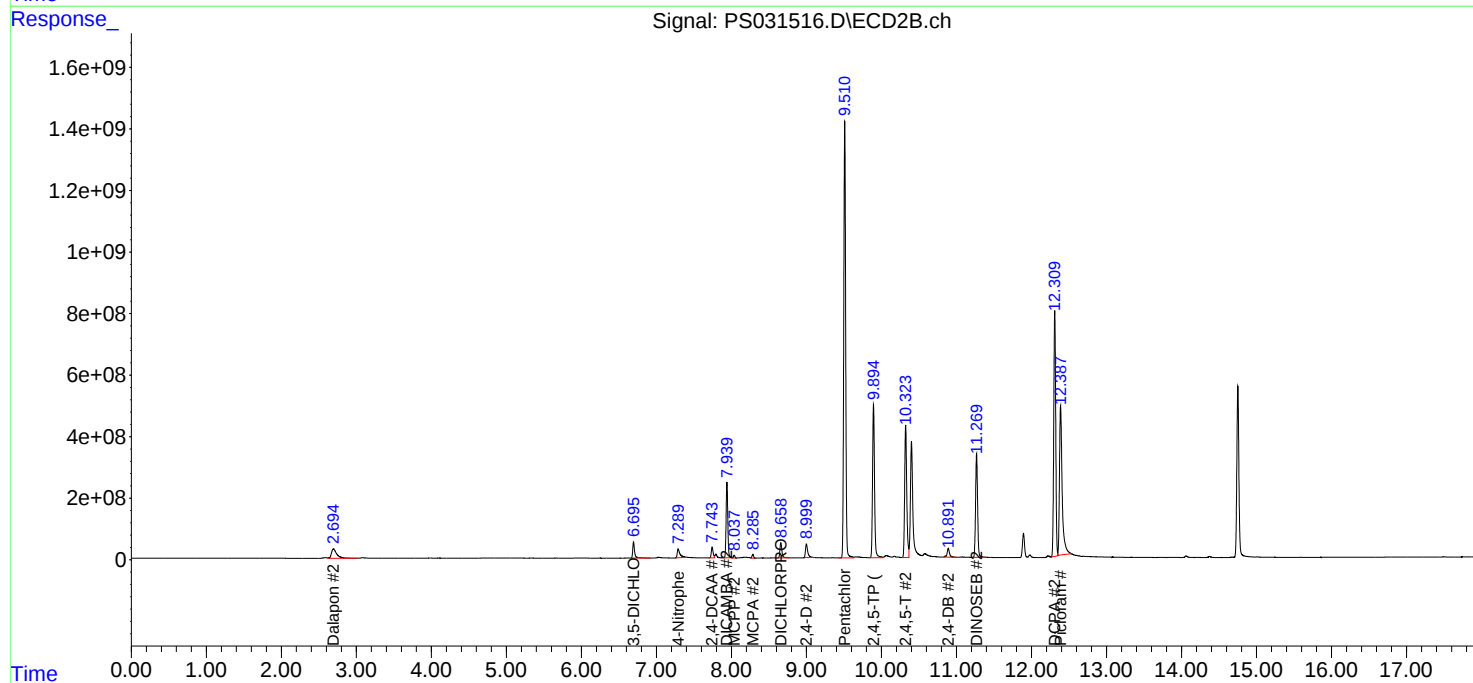
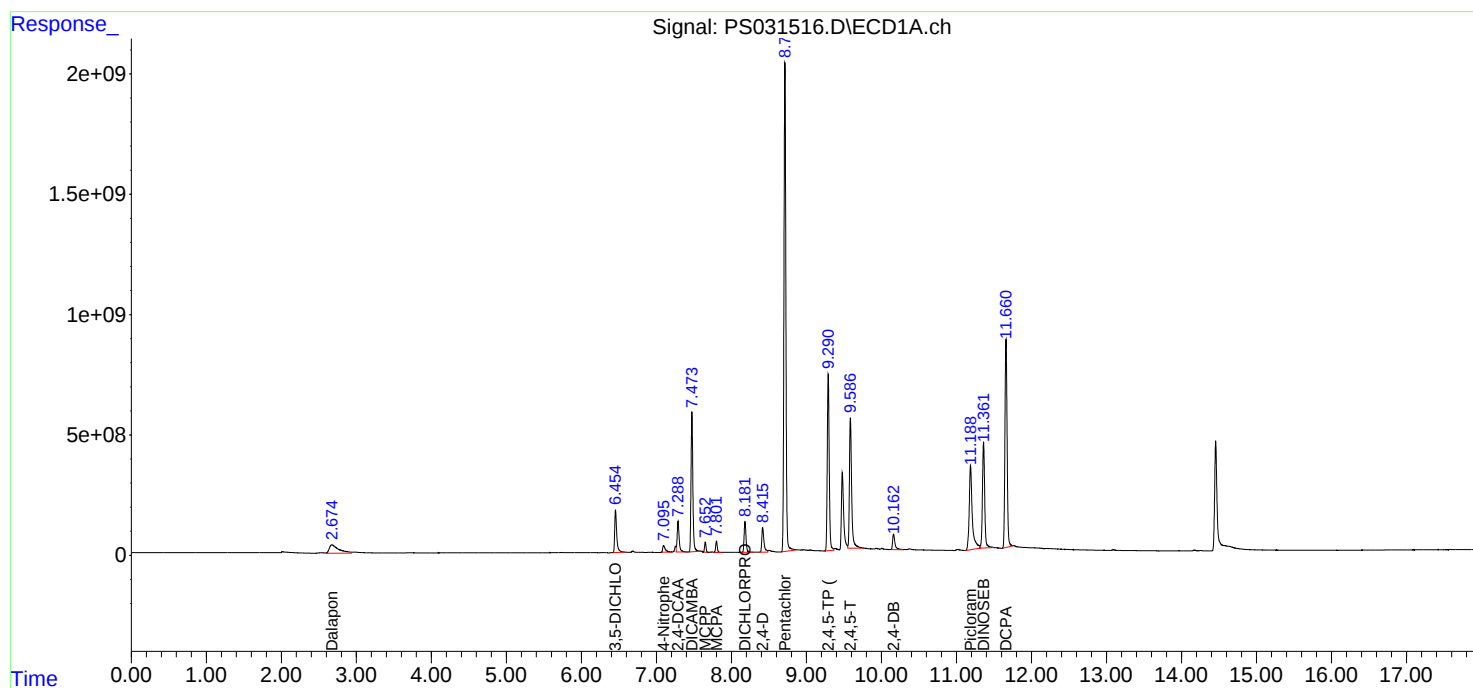
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

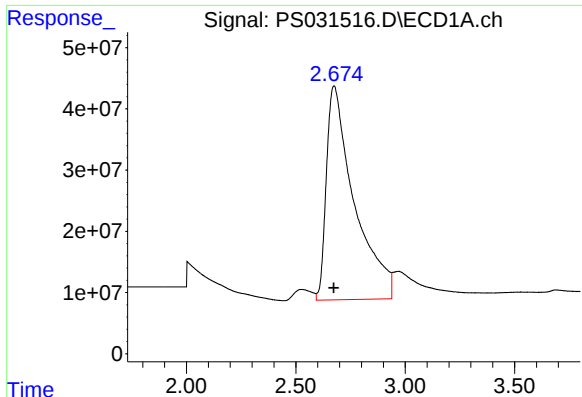
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 08/22/2025  
Supervised By : mohammad ahmed 08/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 20 10:55:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080725.M  
Quant Title : 8080.M  
QLast Update : Fri Aug 08 03:17:54 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.: 2.675 min  
Delta R.T.: 0.000 min  
Response: 3083840747  
Conc: 587.52 ng/ml

Instrument :

ECD\_S

ClientSampleId :

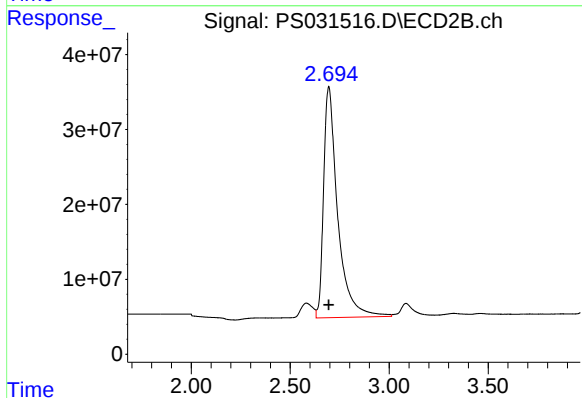
HSTDCCC750

Manual Integrations

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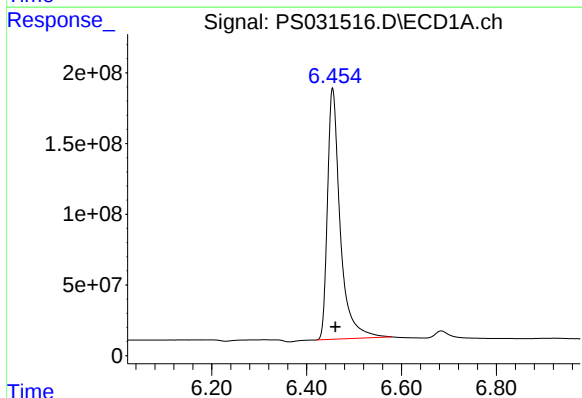
Reviewed By :Abdul Mirza 08/22/2025

Supervised By :mohammad ahmed 08/25/2025



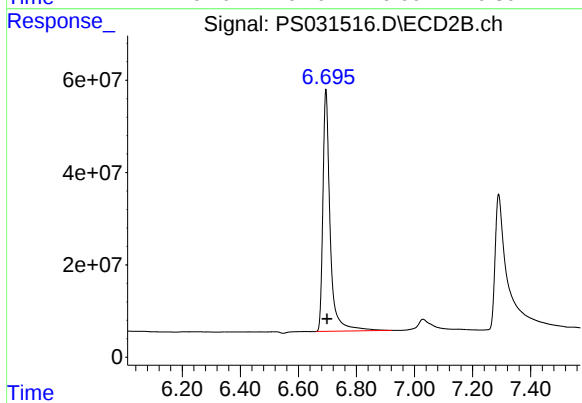
#1 Dalapon

R.T.: 2.695 min  
Delta R.T.: 0.000 min  
Response: 1528636127  
Conc: 574.46 ng/ml



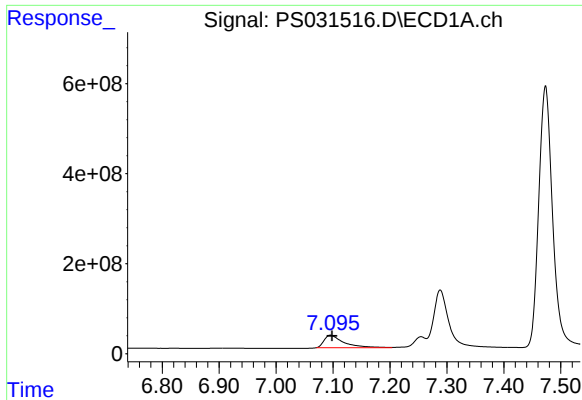
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min  
Delta R.T.: -0.006 min  
Response: 3304621449  
Conc: 700.38 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min  
Delta R.T.: -0.004 min  
Response: 911803828  
Conc: 674.45 ng/ml



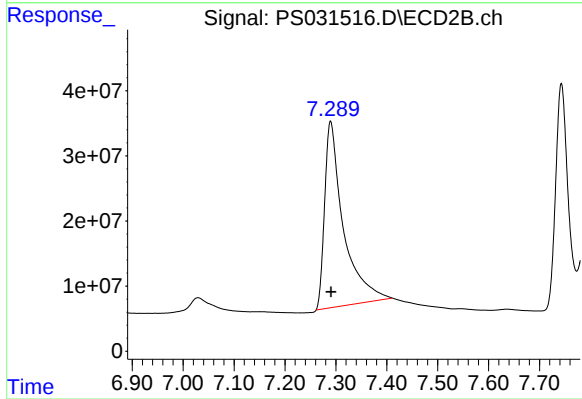
#3 4-Nitrophenol

R.T.: 7.096 min  
Delta R.T.: -0.003 min  
Response: 670759463  
Conc: 650.16 ng/ml

Instrument :  
ECD\_S  
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HSTDCCC750

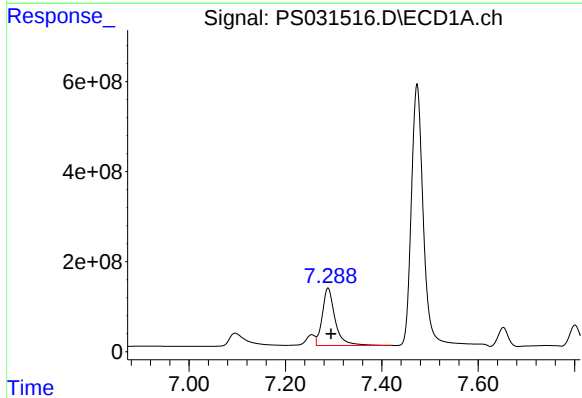
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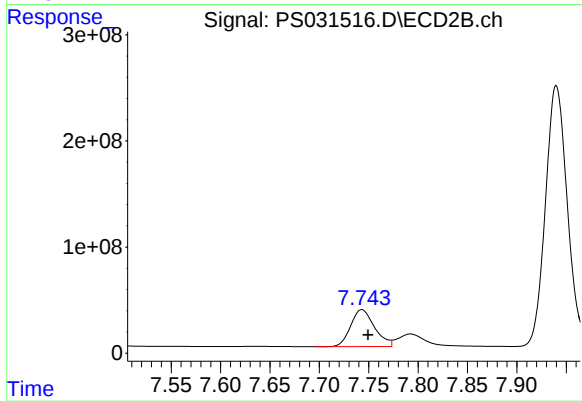
#3 4-Nitrophenol

R.T.: 7.290 min  
Delta R.T.: 0.000 min  
Response: 736057800  
Conc: 585.62 ng/ml



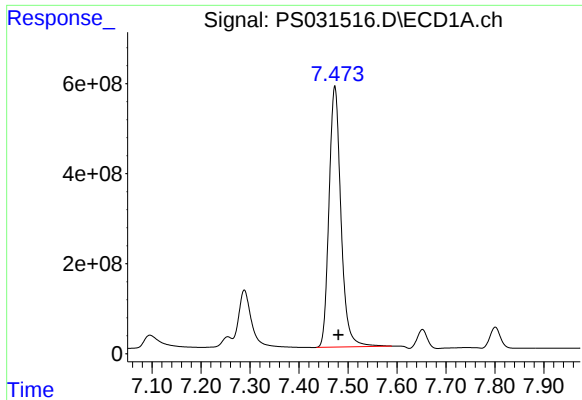
#4 2,4-DCAA

R.T.: 7.288 min  
Delta R.T.: -0.006 min  
Response: 2356819583  
Conc: 742.54 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min  
Delta R.T.: -0.006 min  
Response: 588116174  
Conc: 695.72 ng/ml



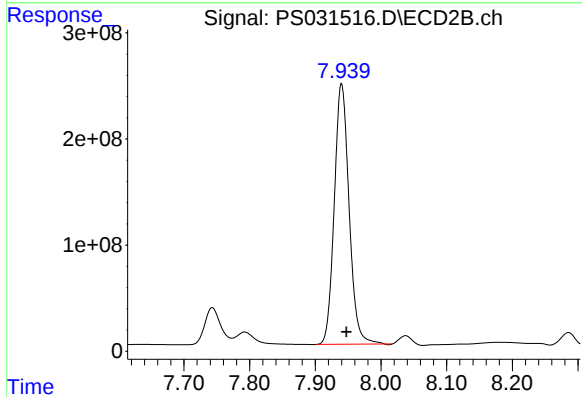
#5 DICAMBA

R.T.: 7.473 min  
Delta R.T.: -0.008 min  
Response: 9804455630  
Conc: 702.00 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

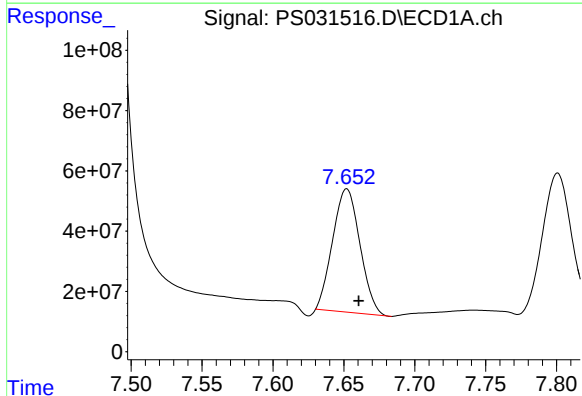
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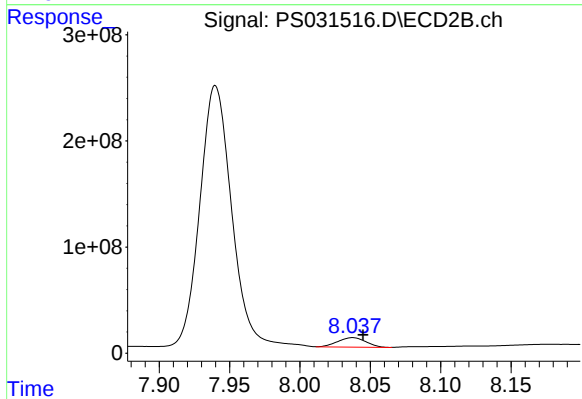
#5 DICAMBA

R.T.: 7.940 min  
Delta R.T.: -0.007 min  
Response: 3840293109  
Conc: 675.79 ng/ml



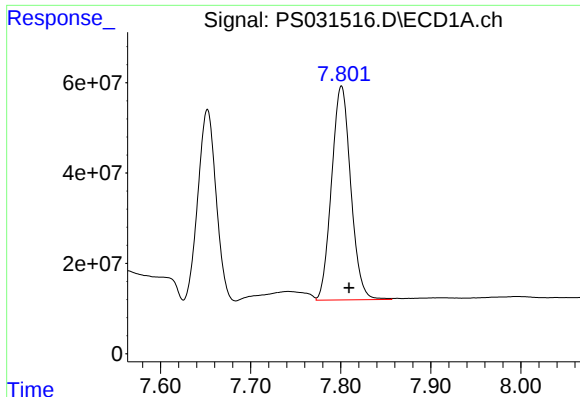
#6 MCP

R.T.: 7.652 min  
Delta R.T.: -0.009 min  
Response: 547675821  
Conc: 68.08 ug/ml



#6 MCP

R.T.: 8.037 min  
Delta R.T.: -0.008 min  
Response: 124207831  
Conc: 70.26 ug/ml m



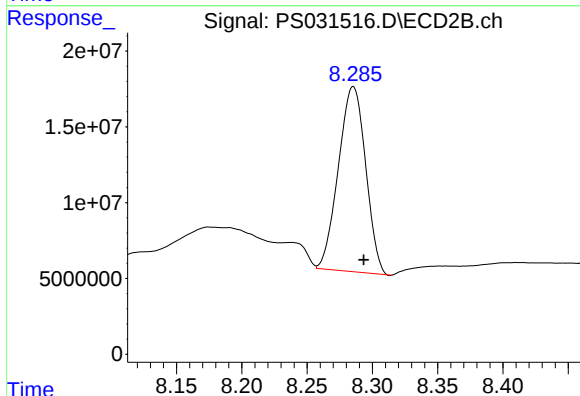
#7 MCPA

R.T.: 7.801 min  
Delta R.T.: -0.009 min  
Response: 700405911  
Conc: 70.31 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

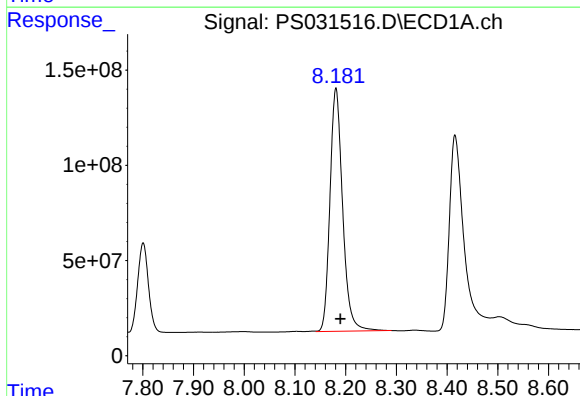
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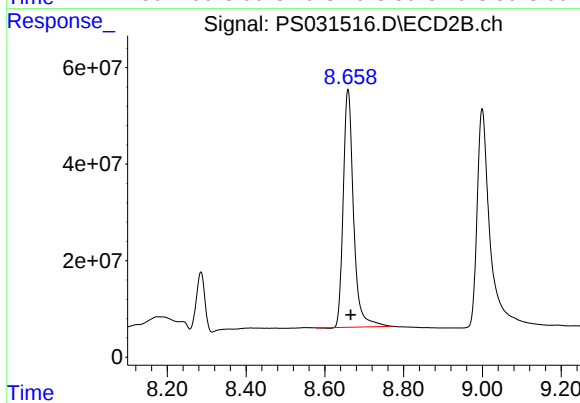
#7 MCPA

R.T.: 8.285 min  
Delta R.T.: -0.008 min  
Response: 177319023  
Conc: 63.20 ug/ml



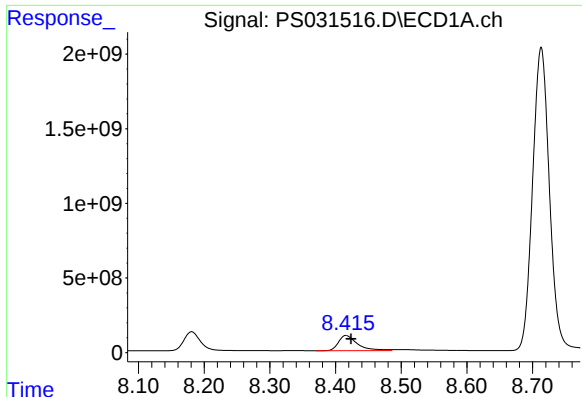
#8 DICHLORPROP

R.T.: 8.181 min  
Delta R.T.: -0.009 min  
Response: 2210152716  
Conc: 696.68 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min  
Delta R.T.: -0.007 min  
Response: 895862910  
Conc: 671.04 ng/ml



#9 2,4-D

R.T.: 8.416 min  
Delta R.T.: -0.008 min  
Response: 2069557975  
Conc: 719.39 ng/ml

Instrument :

ECD\_S

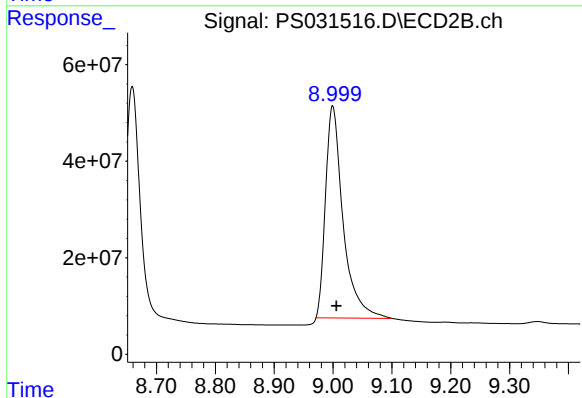
ClientSampleId :

HSTDCCC750

Manual Integrations

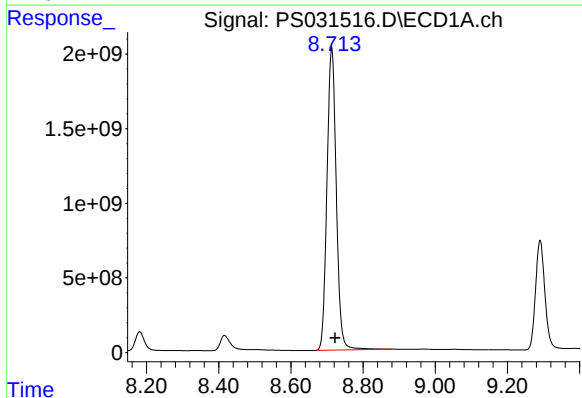
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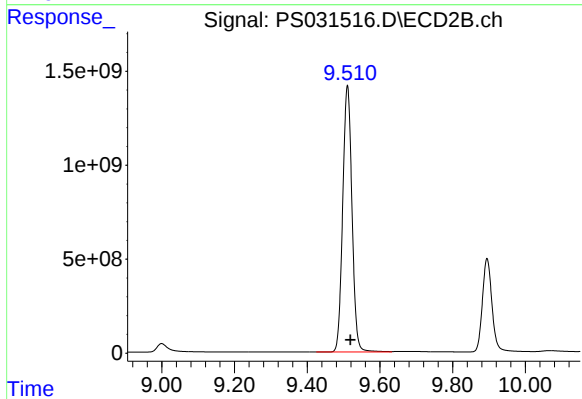
#9 2,4-D

R.T.: 8.999 min  
Delta R.T.: -0.006 min  
Response: 911802561  
Conc: 638.84 ng/ml



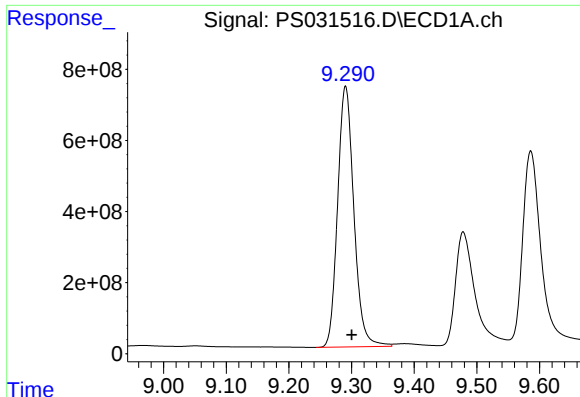
#10 Pentachlorophenol

R.T.: 8.713 min  
Delta R.T.: -0.009 min  
Response: 36284722690  
Conc: 755.74 ng/ml



#10 Pentachlorophenol

R.T.: 9.511 min  
Delta R.T.: -0.008 min  
Response: 25110618476  
Conc: 720.98 ng/ml



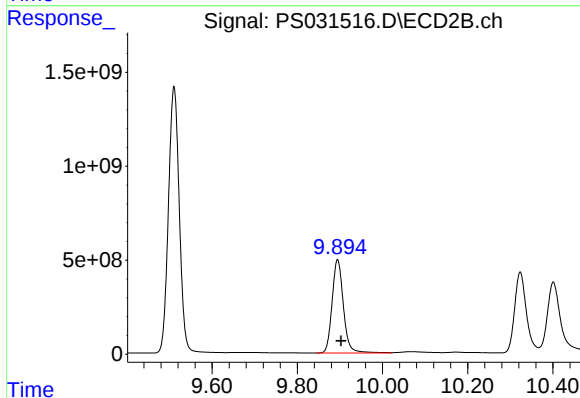
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min  
Delta R.T.: -0.010 min  
Response: 1322235718  
Conc: 737.70 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

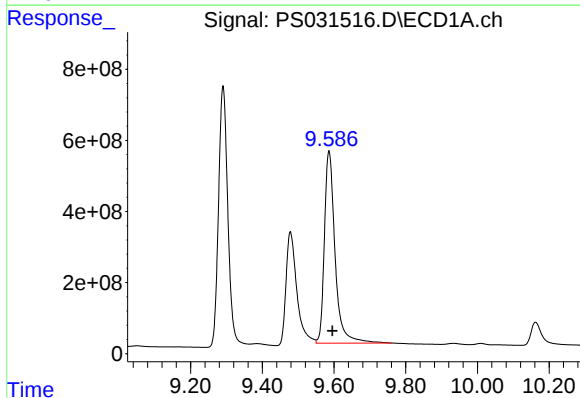
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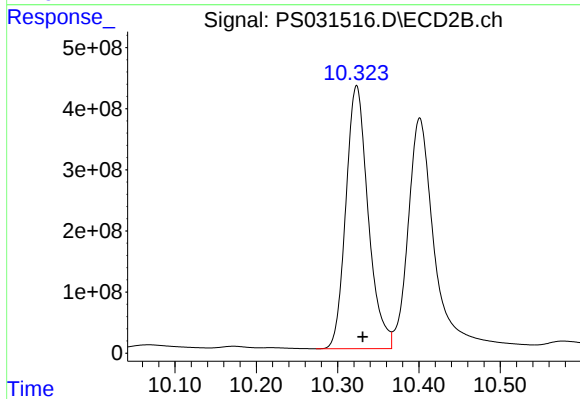
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min  
Delta R.T.: -0.008 min  
Response: 9134823467  
Conc: 696.46 ng/ml



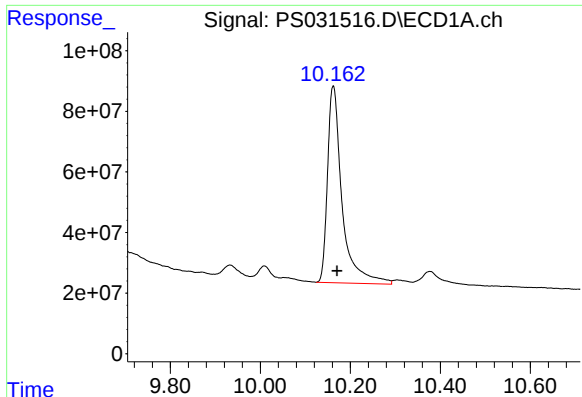
#12 2,4,5-T

R.T.: 9.586 min  
Delta R.T.: -0.009 min  
Response: 11173281117  
Conc: 762.62 ng/ml



#12 2,4,5-T

R.T.: 10.323 min  
Delta R.T.: -0.008 min  
Response: 8194243613  
Conc: 692.10 ng/ml



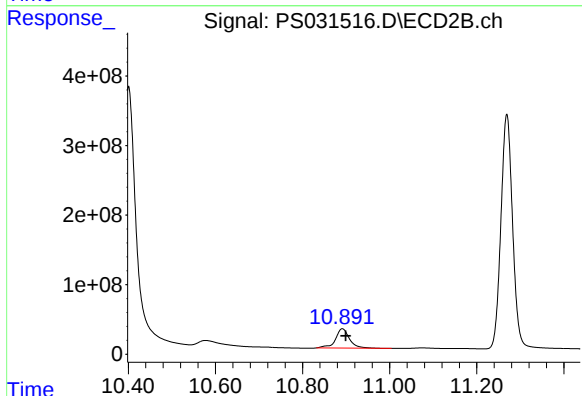
#13 2,4-DB

R.T.: 10.162 min  
Delta R.T.: -0.008 min  
Response: 1460768286  
Conc: 760.14 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

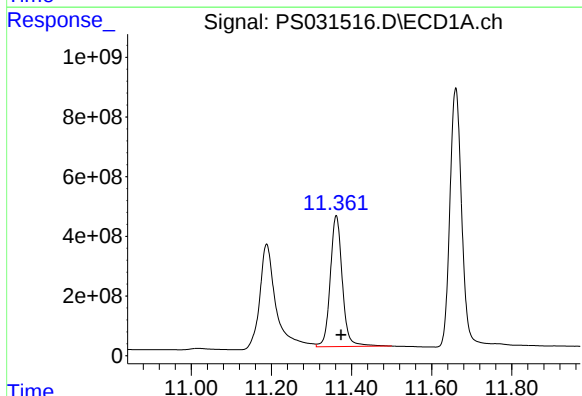
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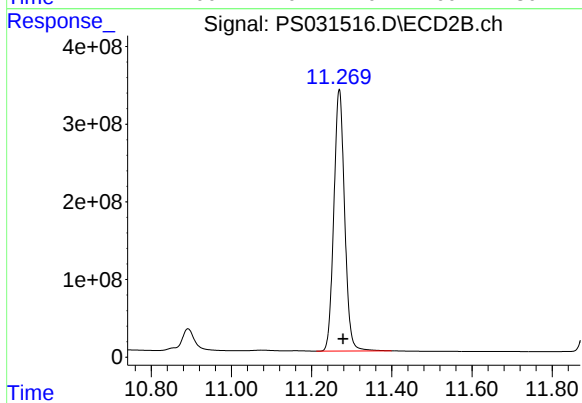
#13 2,4-DB

R.T.: 10.891 min  
Delta R.T.: -0.008 min  
Response: 622330214  
Conc: 645.00 ng/ml



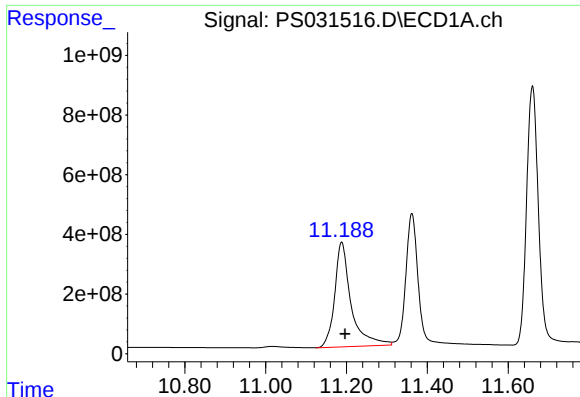
#14 DINOSEB

R.T.: 11.362 min  
Delta R.T.: -0.012 min  
Response: 9153763261  
Conc: 721.99 ng/ml



#14 DINOSEB

R.T.: 11.269 min  
Delta R.T.: -0.009 min  
Response: 6281885224  
Conc: 664.26 ng/ml



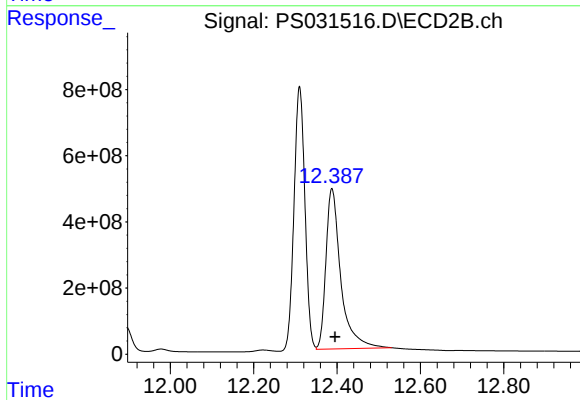
#15 Picloram

R.T.: 11.188 min  
Delta R.T.: -0.009 min  
Response: 9896792812  
Conc: 758.13 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

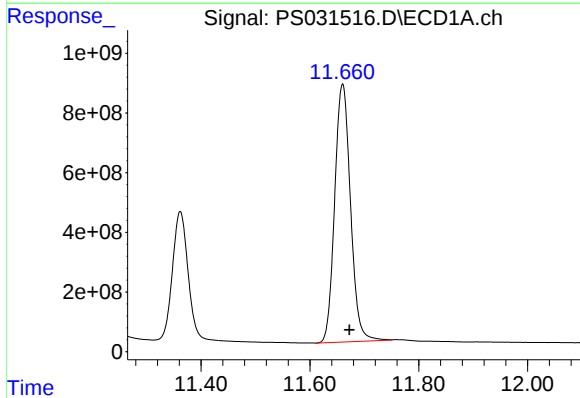
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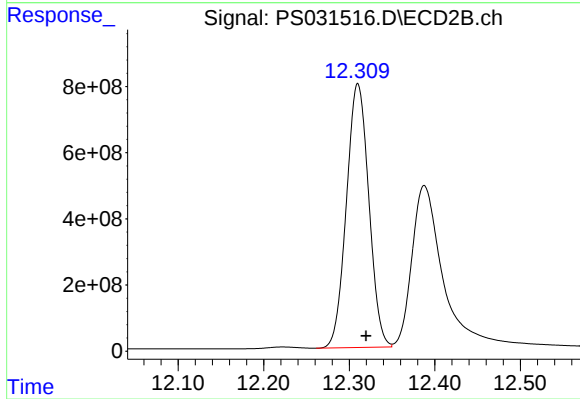
#15 Picloram

R.T.: 12.388 min  
Delta R.T.: -0.008 min  
Response: 12049683288  
Conc: 687.39 ng/ml



#16 DCPA

R.T.: 11.660 min  
Delta R.T.: -0.013 min  
Response: 17401529168  
Conc: 763.92 ng/ml m



#16 DCPA

R.T.: 12.309 min  
Delta R.T.: -0.010 min  
Response: 14521986800  
Conc: 737.14 ng/ml m