

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS092925\  
 Data File : PS031879.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Sep 2025 22:32  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
 Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 30 02:31:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS090925.M  
 Quant Title : 8080.M  
 QLast Update : Tue Sep 09 13:56:38 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     | 7.281  | 7.742  | 2707.6E6  | 673.3E6   | 751.805 | 740.784  |
| Target Compounds            |              |        |        |           |           |         |          |
| 1) T                        | Dalapon      | 2.668  | 2.691  | 3488.3E6  | 1750.9E6  | 603.428 | 621.404  |
| 2) T                        | 3,5-DICHL... | 6.449  | 6.694  | 3694.1E6  | 1063.9E6  | 692.636 | 697.671  |
| 3) T                        | 4-Nitroph... | 7.089  | 7.293  | 887.4E6   | 787.5E6   | 804.359 | 623.635  |
| 5) T                        | DICAMBA      | 7.466  | 7.937  | 10999.7E6 | 4508.8E6  | 705.260 | 692.937  |
| 6) T                        | MCPD         | 7.645  | 8.034  | 669.7E6   | 144.8E6   | 74.911  | 76.897   |
| 7) T                        | MCPA         | 7.793  | 8.281  | 813.5E6   | 193.7E6   | 73.224  | 69.142   |
| 8) T                        | DICHLORPROP  | 8.173  | 8.656  | 2495.5E6  | 1043.0E6  | 700.649 | 716.800  |
| 9) T                        | 2,4-D        | 8.408  | 8.997  | 2466.6E6  | 1134.5E6  | 720.052 | 689.637  |
| 10) T                       | Pentachlo... | 8.706  | 9.506  | 41445.0E6 | 29476.6E6 | 780.599 | 742.660  |
| 11) T                       | 2,4,5-TP ... | 9.281  | 9.890  | 15159.9E6 | 10459.3E6 | 722.806 | 694.771  |
| 12) T                       | 2,4,5-T      | 9.576  | 10.319 | 13650.0E6 | 9384.4E6  | 745.975 | 697.362  |
| 13) T                       | 2,4-DB       | 10.150 | 10.887 | 1868.1E6  | 672.4E6   | 800.821 | 628.405  |
| 14) T                       | DINOSEB      | 11.349 | 11.263 | 10640.4E6 | 7173.3E6  | 737.754 | 737.947  |
| 15) T                       | Picloram     | 11.175 | 12.383 | 13275.2E6 | 15497.5E6 | 737.059 | 654.366  |
| 16) T                       | DCPA         | 11.647 | 12.303 | 20126.0E6 | 17232.7E6 | 746.794 | 714.927m |
| -----                       |              |        |        |           |           |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS092925\  
Data File : PS031879.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Sep 2025 22:32  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

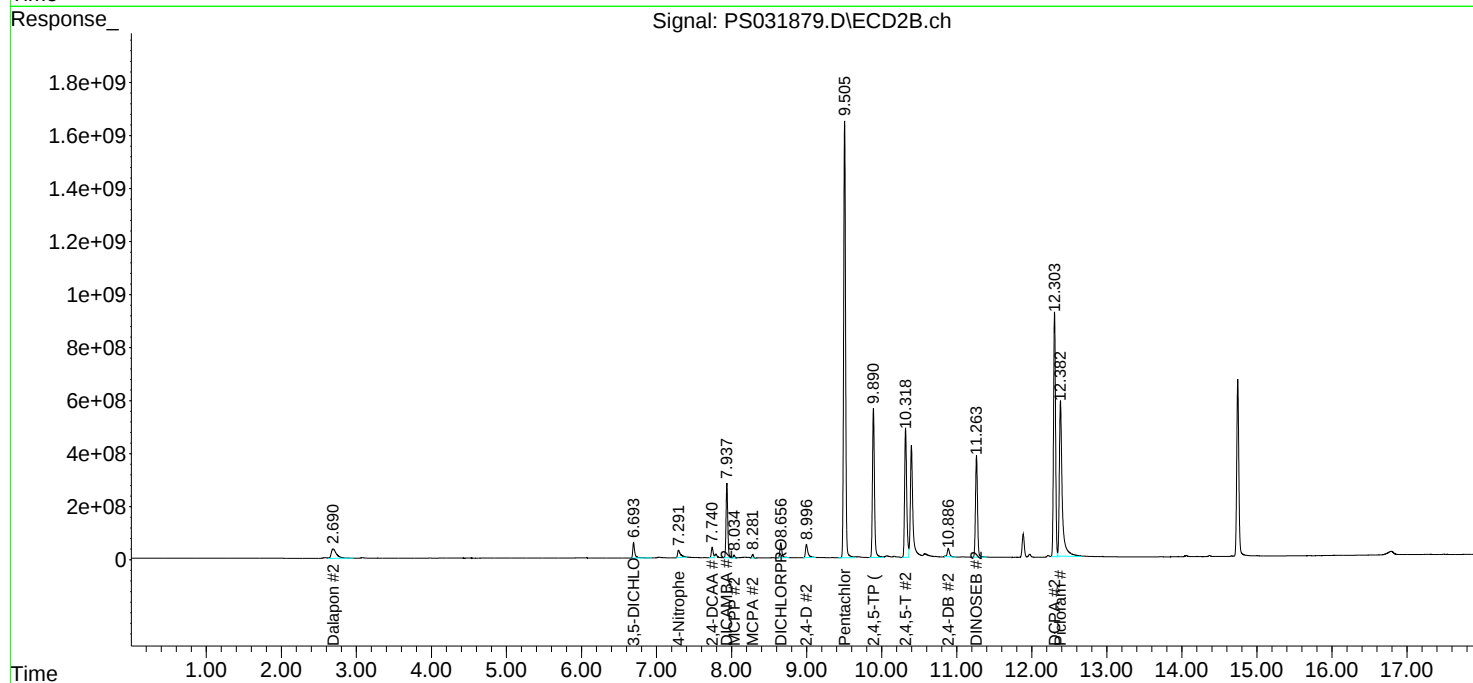
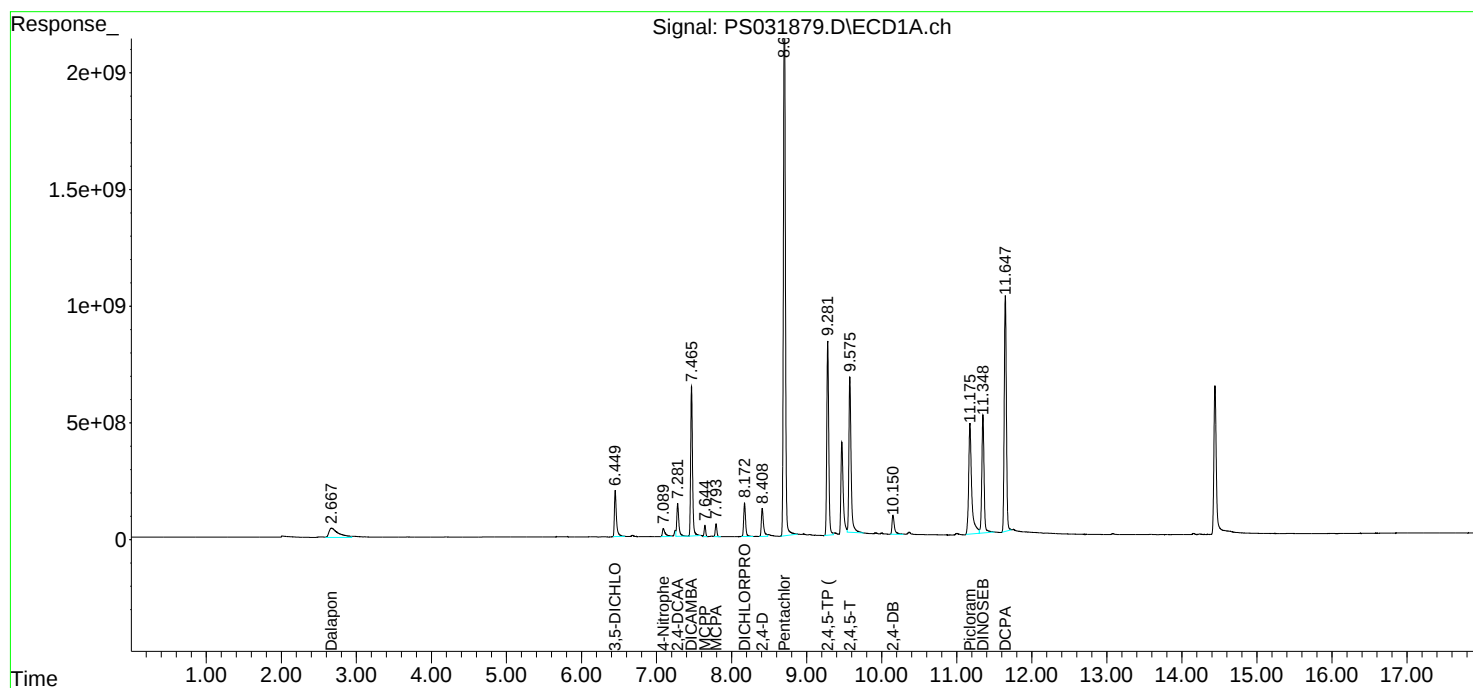
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

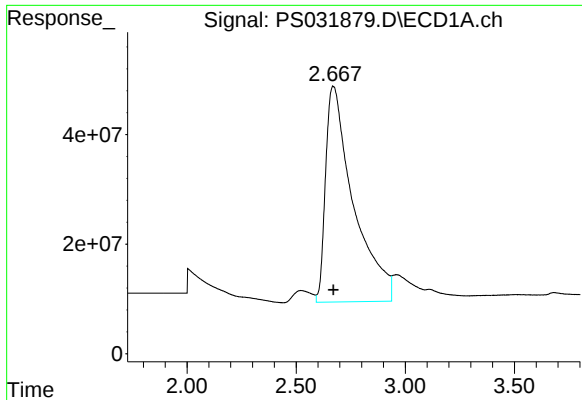
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 02:31:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS090925.M  
Quant Title : 8080.M  
QLast Update : Tue Sep 09 13:56:38 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.: 2.668 min  
Delta R.T.: -0.003 min  
Response: 3488264099  
Conc: 603.43 ng/ml

Instrument :

ECD\_S

ClientSampleId :

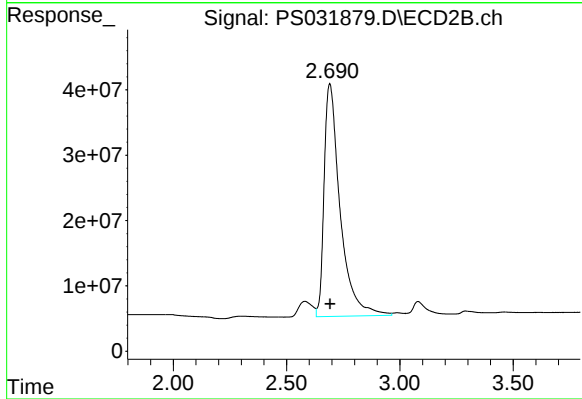
HSTDCCC750

Manual Integrations

APPROVED

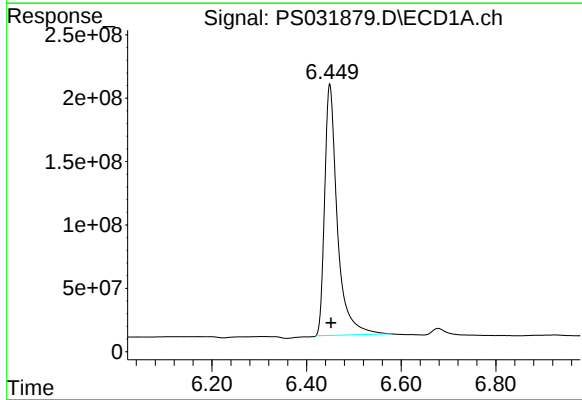
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



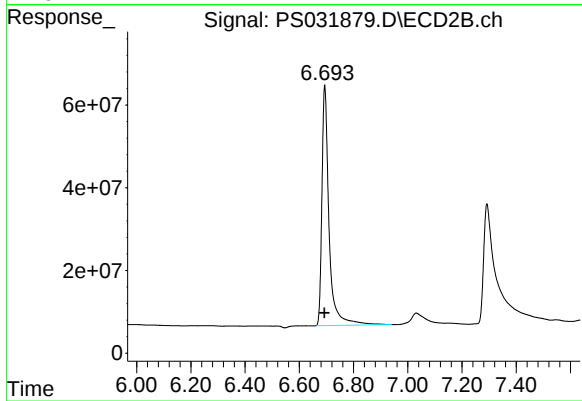
#1 Dalapon

R.T.: 2.691 min  
Delta R.T.: -0.001 min  
Response: 1750885396  
Conc: 621.40 ng/ml



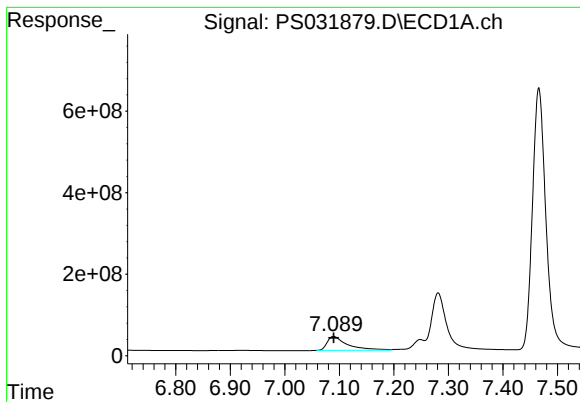
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min  
Delta R.T.: -0.003 min  
Response: 3694077791  
Conc: 692.64 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min  
Delta R.T.: 0.002 min  
Response: 1063923671  
Conc: 697.67 ng/ml



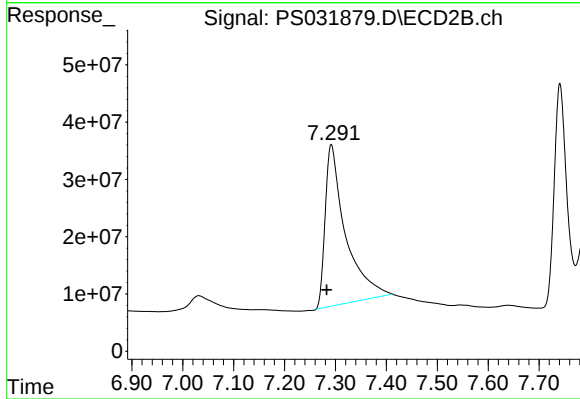
#3 4-Nitrophenol

R.T.: 7.089 min  
Delta R.T.: 0.000 min  
Response: 887375768  
Conc: 804.36 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

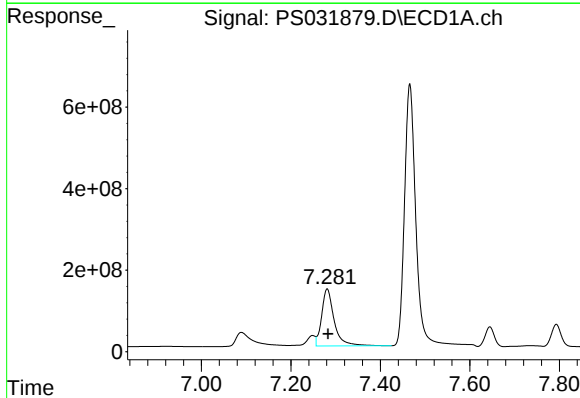
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
Supervised By :mohammad ahmed 10/01/2025



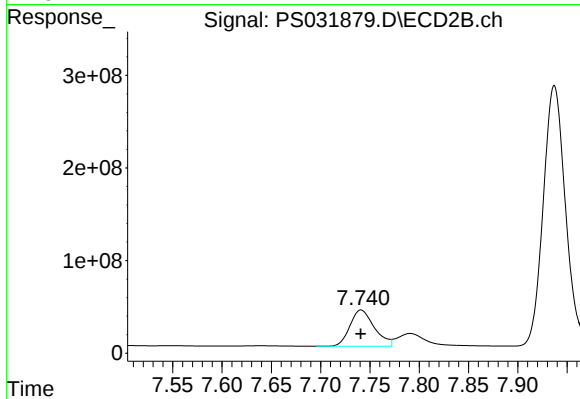
#3 4-Nitrophenol

R.T.: 7.293 min  
Delta R.T.: 0.010 min  
Response: 787518152  
Conc: 623.64 ng/ml



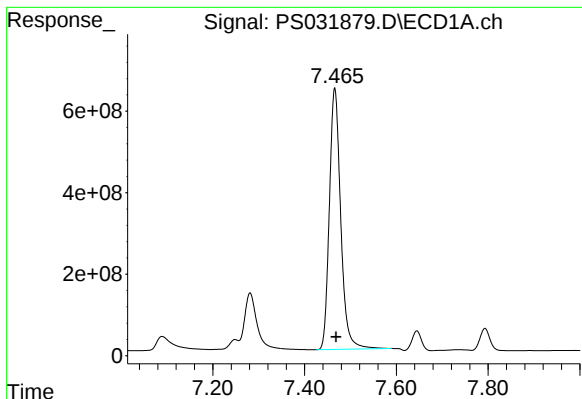
#4 2,4-DCAA

R.T.: 7.281 min  
Delta R.T.: -0.002 min  
Response: 2707646344  
Conc: 751.81 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min  
Delta R.T.: 0.000 min  
Response: 673297896  
Conc: 740.78 ng/ml



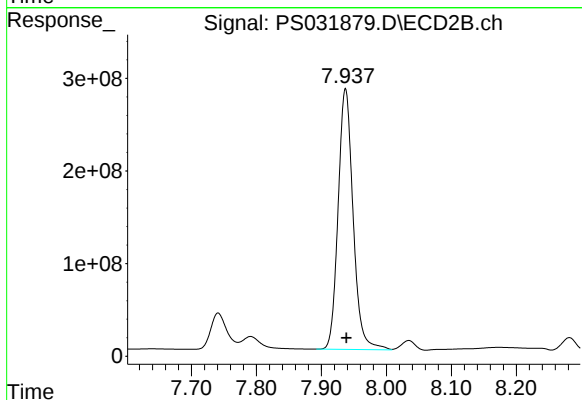
#5 DICAMBA

R.T.: 7.466 min  
Delta R.T.: -0.003 min  
Response: 10999731487  
Conc: 705.26 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

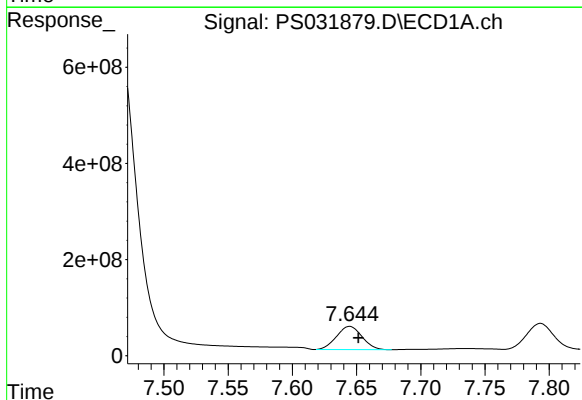
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
Supervised By :mohammad ahmed 10/01/2025



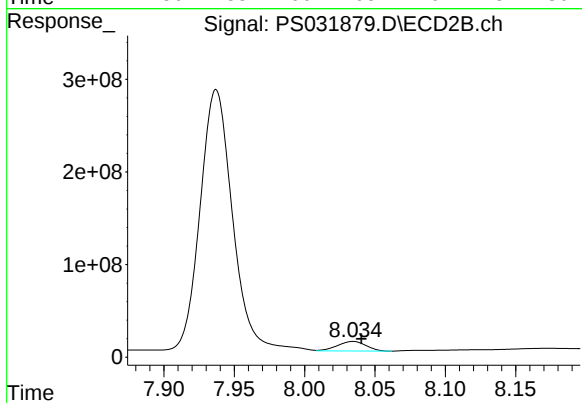
#5 DICAMBA

R.T.: 7.937 min  
Delta R.T.: -0.002 min  
Response: 4508835728  
Conc: 692.94 ng/ml



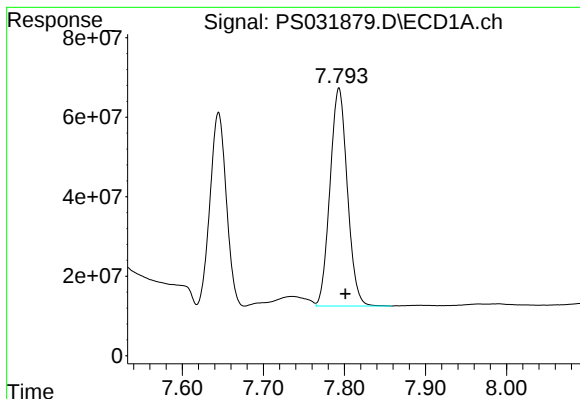
#6 MCPP

R.T.: 7.645 min  
Delta R.T.: -0.007 min  
Response: 669650799  
Conc: 74.91 ug/ml



#6 MCPP

R.T.: 8.034 min  
Delta R.T.: -0.006 min  
Response: 144827575  
Conc: 76.90 ug/ml



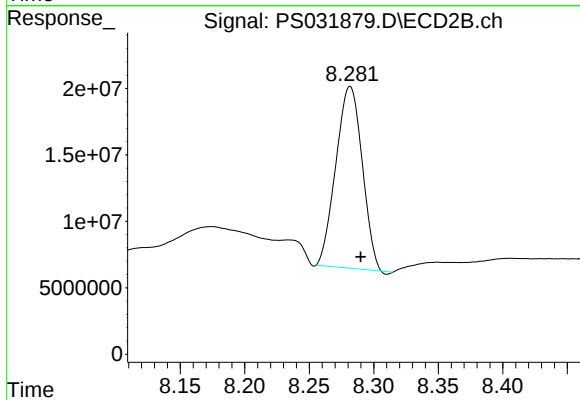
#7 MCPA

R.T.: 7.793 min  
Delta R.T.: -0.008 min  
Response: 813547631  
Conc: 73.22 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

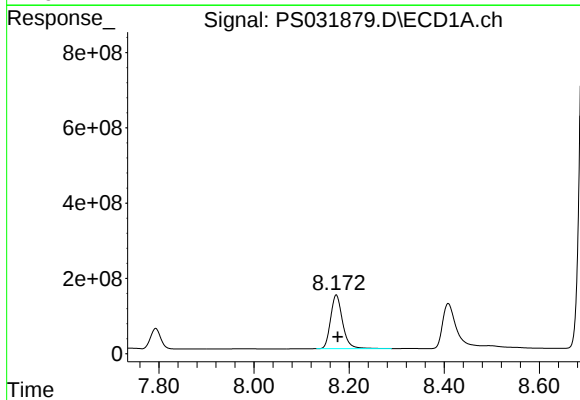
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
Supervised By :mohammad ahmed 10/01/2025



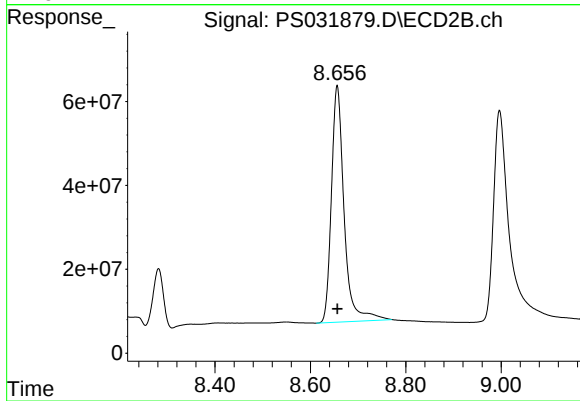
#7 MCPA

R.T.: 8.281 min  
Delta R.T.: -0.009 min  
Response: 193682035  
Conc: 69.14 ug/ml



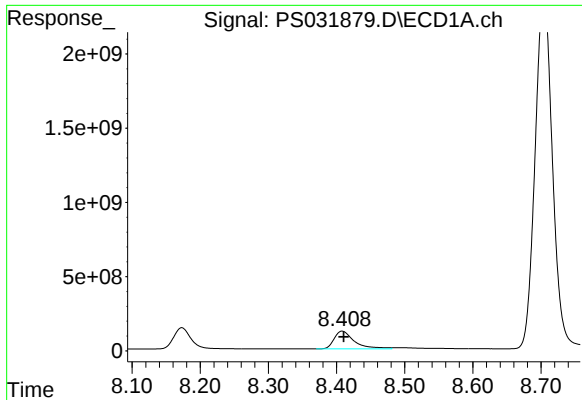
#8 DICHLORPROP

R.T.: 8.173 min  
Delta R.T.: -0.003 min  
Response: 2495544811  
Conc: 700.65 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min  
Delta R.T.: 0.000 min  
Response: 1042987009  
Conc: 716.80 ng/ml



#9 2,4-D

R.T.: 8.408 min  
Delta R.T.: -0.002 min  
Response: 2466639307  
Conc: 720.05 ng/ml

Instrument :

ECD\_S

ClientSampleId :

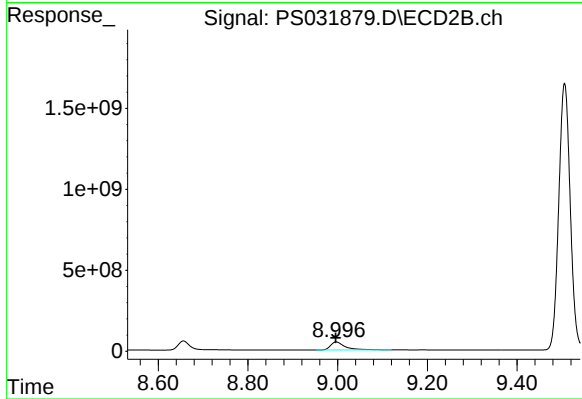
HSTDCCC750

Manual Integrations

APPROVED

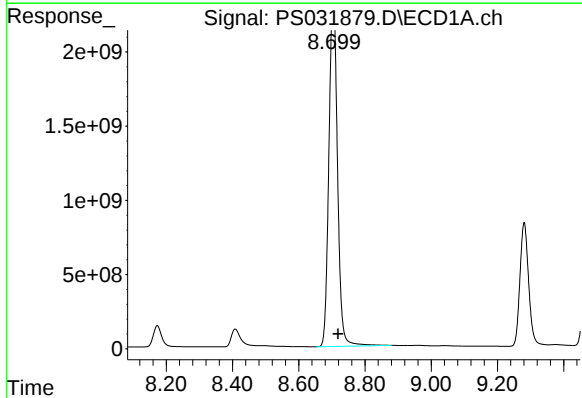
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



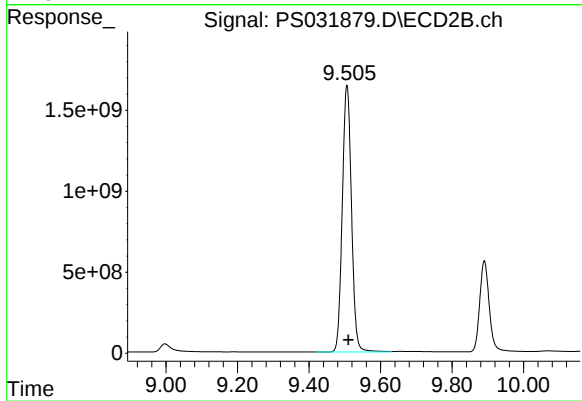
#9 2,4-D

R.T.: 8.997 min  
Delta R.T.: 0.002 min  
Response: 1134529326  
Conc: 689.64 ng/ml



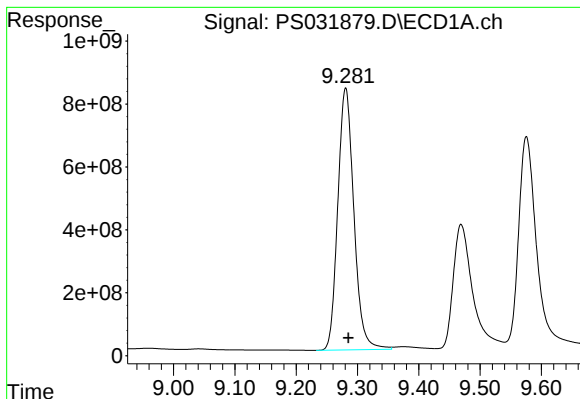
#10 Pentachlorophenol

R.T.: 8.706 min  
Delta R.T.: -0.012 min  
Response: 41445021406  
Conc: 780.60 ng/ml



#10 Pentachlorophenol

R.T.: 9.506 min  
Delta R.T.: -0.004 min  
Response: 29476565785  
Conc: 742.66 ng/ml



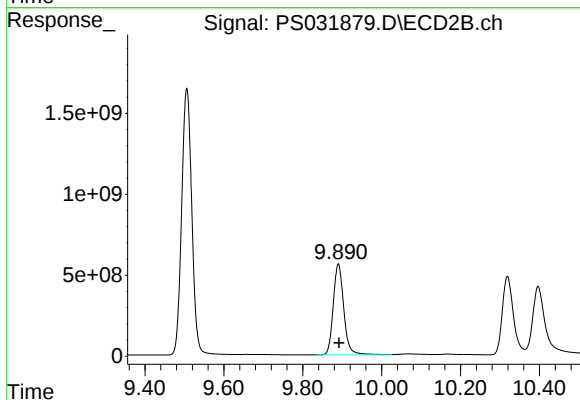
#11 2,4,5-TP (SILVEX)

R.T.: 9.281 min  
Delta R.T.: -0.004 min  
Response: 15159902461  
Conc: 722.81 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

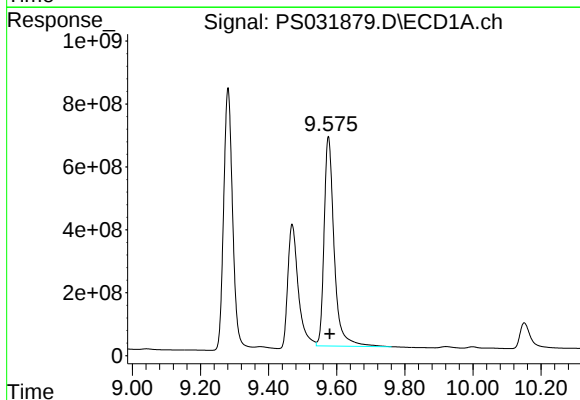
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
Supervised By :mohammad ahmed 10/01/2025



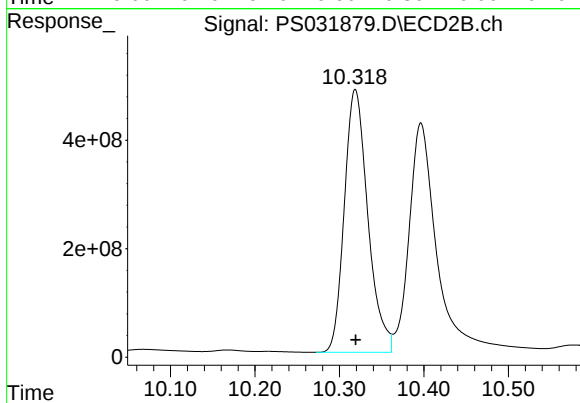
#11 2,4,5-TP (SILVEX)

R.T.: 9.890 min  
Delta R.T.: -0.002 min  
Response: 10459304749  
Conc: 694.77 ng/ml



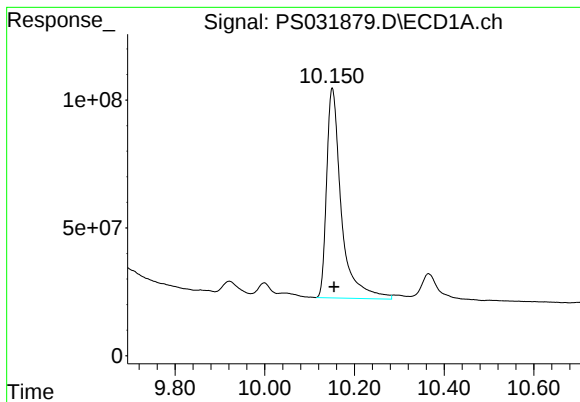
#12 2,4,5-T

R.T.: 9.576 min  
Delta R.T.: -0.004 min  
Response: 13649973831  
Conc: 745.97 ng/ml



#12 2,4,5-T

R.T.: 10.319 min  
Delta R.T.: 0.000 min  
Response: 9384418717  
Conc: 697.36 ng/ml



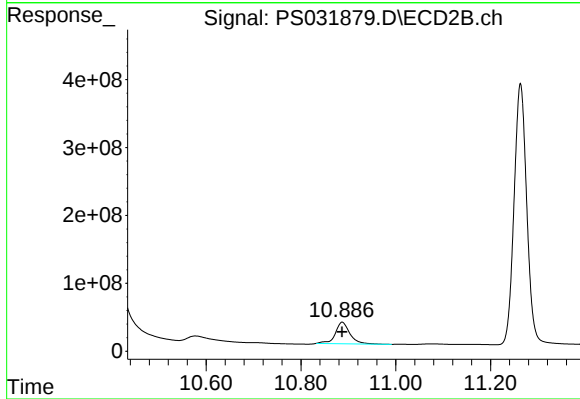
#13 2,4-DB

R.T.: 10.150 min  
Delta R.T.: -0.004 min  
Response: 1868127933  
Conc: 800.82 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

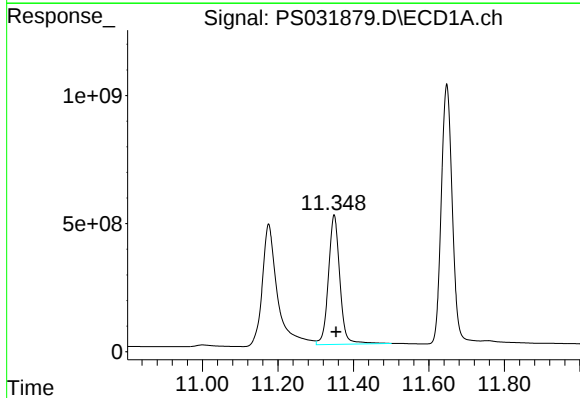
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
Supervised By :mohammad ahmed 10/01/2025



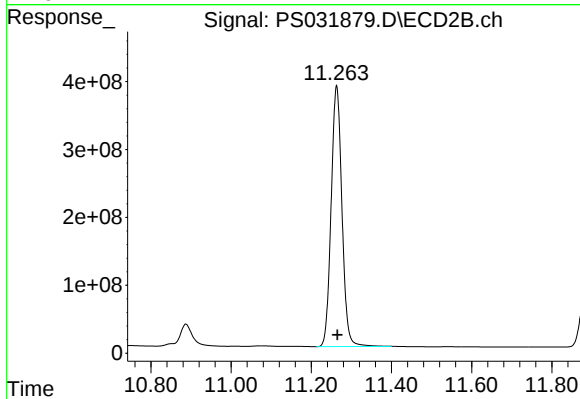
#13 2,4-DB

R.T.: 10.887 min  
Delta R.T.: 0.000 min  
Response: 672421909  
Conc: 628.41 ng/ml



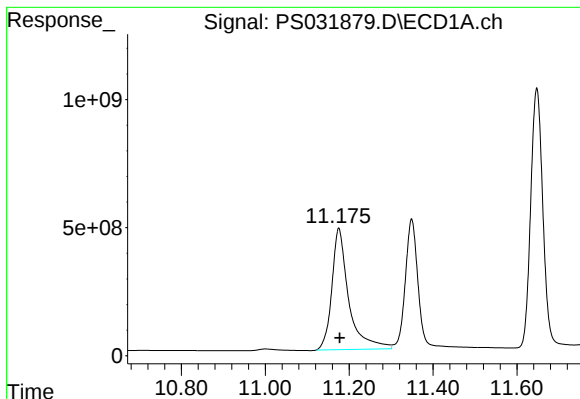
#14 DINOSEB

R.T.: 11.349 min  
Delta R.T.: -0.005 min  
Response: 10640391137  
Conc: 737.75 ng/ml



#14 DINOSEB

R.T.: 11.263 min  
Delta R.T.: -0.002 min  
Response: 7173344639  
Conc: 737.95 ng/ml



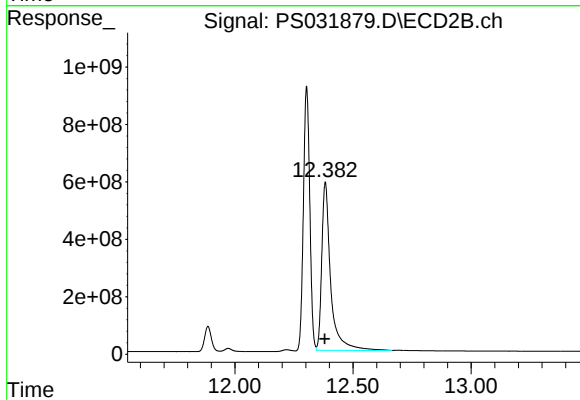
#15 Picloram

R.T.: 11.175 min  
Delta R.T.: -0.002 min  
Response: 13275219028  
Conc: 737.06 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

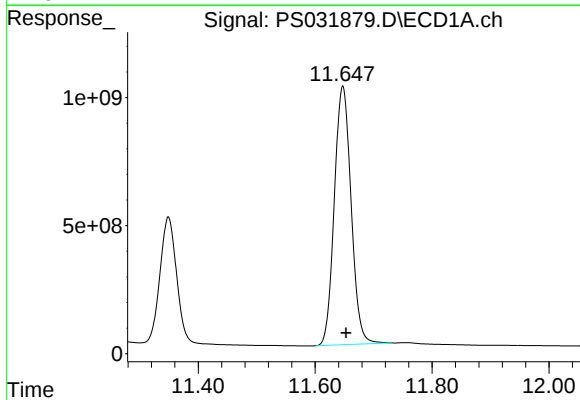
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
Supervised By :mohammad ahmed 10/01/2025



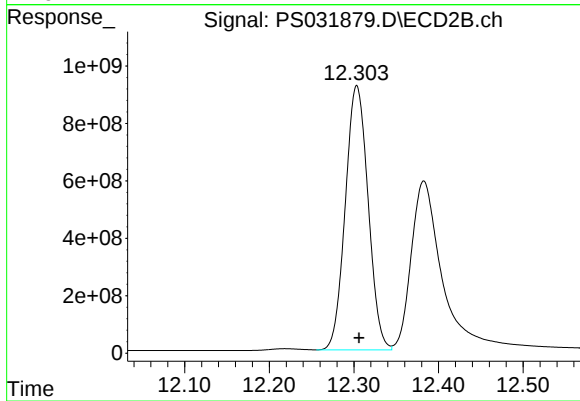
#15 Picloram

R.T.: 12.383 min  
Delta R.T.: 0.003 min  
Response: 15497512151  
Conc: 654.37 ng/ml



#16 DCPA

R.T.: 11.647 min  
Delta R.T.: -0.005 min  
Response: 20126023441  
Conc: 746.79 ng/ml



#16 DCPA

R.T.: 12.303 min  
Delta R.T.: -0.003 min  
Response: 17232676401  
Conc: 714.93 ng/ml m