

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS052925\  
 Data File : PS030430.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 May 2025 14:44  
 Operator : AR\AJ  
 Sample : Q2100-03MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP-21MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/30/2025  
 Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 29 23:27:29 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     | 6.925  | 7.440  | 834.1E6   | 210.0E6  | 292.880  | 262.395   |
| Target Compounds            |              |        |        |           |          |          |           |
| 1) T                        | Dalapon      | 2.439  | 2.509  | 1209.4E6  | 909.7E6  | 246.047  | 447.915 # |
| 2) T                        | 3,5-DICHL... | 6.131  | 6.442  | 1337.8E6  | 318.2E6  | 320.766  | 272.912   |
| 3) T                        | 4-Nitroph... | 6.716  | 6.976  | 608.6E6   | 278.8E6  | 294.617  | 267.040   |
| 5) T                        | DICAMBA      | 7.101  | 7.624  | 3289.4E6  | 1278.7E6 | 284.618  | 270.452m  |
| 6) T                        | MCPD         | 7.278  | 7.731  | 138.6E6   | 35342811 | 19.033   | 19.210    |
| 7) T                        | MCPA         | 7.420  | 7.959  | 245.6E6   | 56449011 | 23.660   | 21.401m   |
| 8) T                        | DICHLORPROP  | 7.780  | 8.316  | 878.5E6   | 312.7E6  | 300.726  | 264.721   |
| 9) T                        | 2,4-D        | 8.000  | 8.628  | 1125.1E6  | 417.5E6  | 343.128  | 323.489   |
| 10) T                       | Pentachlo... | 8.277  | 9.126  | 12525.1E6 | 7209.0E6 | 309.257  | 292.039   |
| 11) T                       | 2,4,5-TP ... | 8.839  | 9.504  | 4861.7E6  | 2984.1E6 | 300.180m | 302.945   |
| 12) T                       | 2,4,5-T      | 9.122  | 9.908  | 4925.7E6  | 2668.9E6 | 298.251  | 289.980   |
| 13) T                       | 2,4-DB       | 9.681  | 10.465 | 972.8E6   | 268.3E6  | 372.755  | 270.344 # |
| 14) T                       | DINOSEB      | 10.838 | 10.837 | 551.8E6   | 330.9E6  | 48.249   | 48.432m   |
| 15) T                       | Picloram     | 10.660 | 11.870 | 5040.4E6  | 3469.1E6 | 235.678  | 246.508m  |
| 16) T                       | DCPA         | 11.140 | 11.864 | 5688.6E6  | 2701.0E6 | 285.693m | 199.918m# |
| -----                       |              |        |        |           |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS052925\  
Data File : PS030430.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 May 2025 14:44  
Operator : AR\AJ  
Sample : Q2100-03MSD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

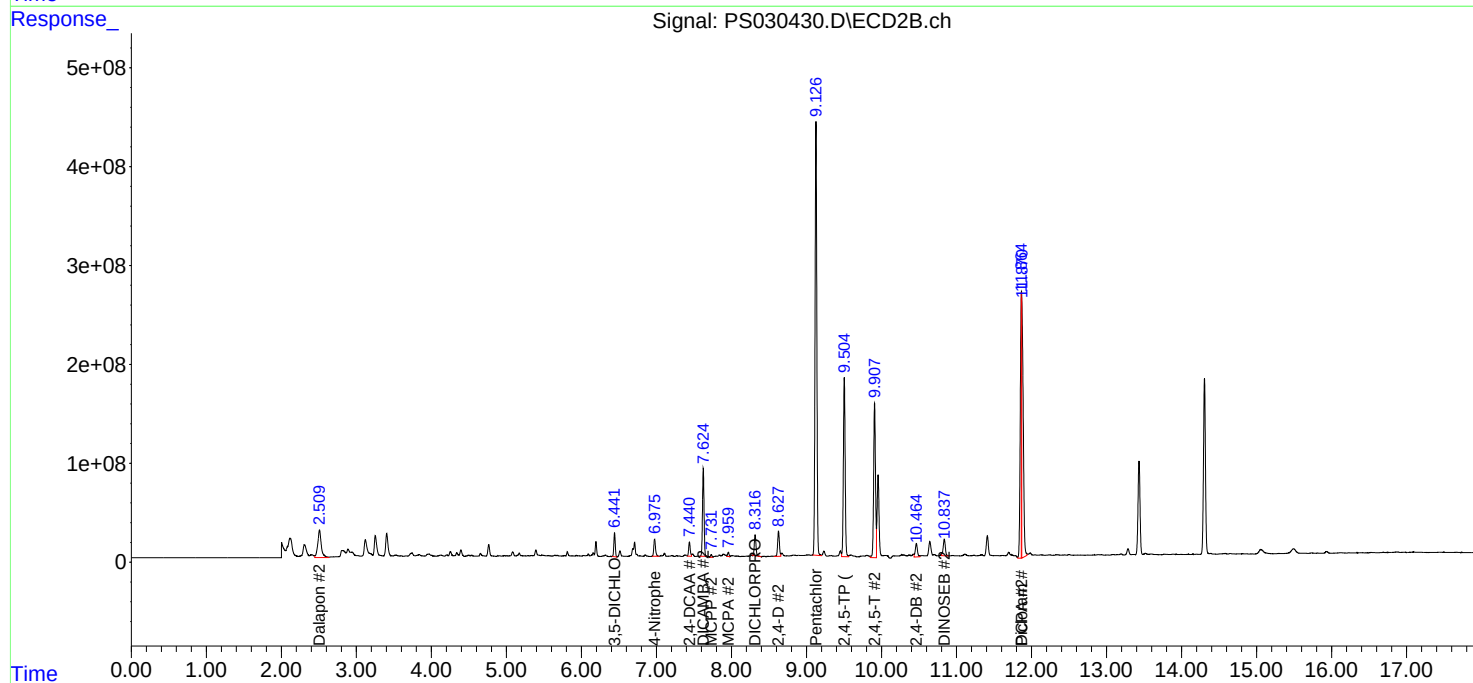
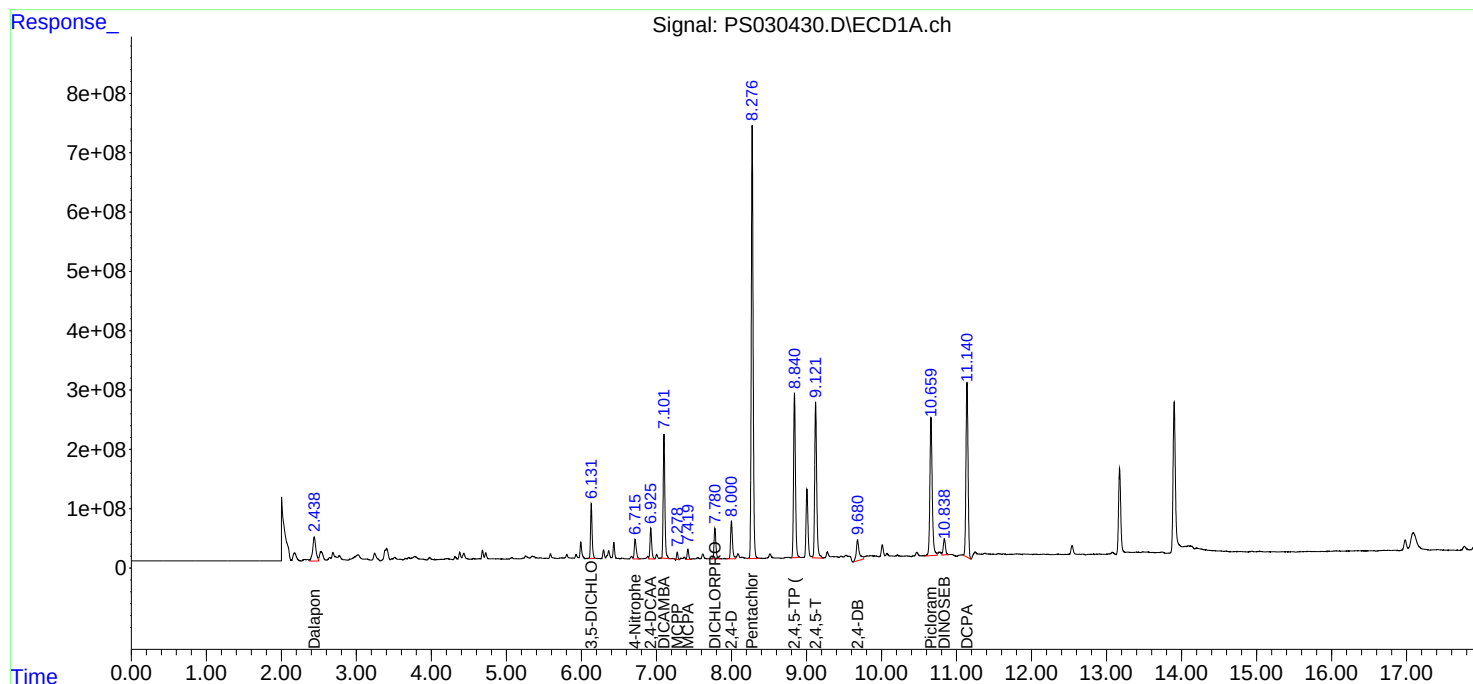
Instrument :  
ECD\_S  
ClientSampleId :  
TP-21MSD

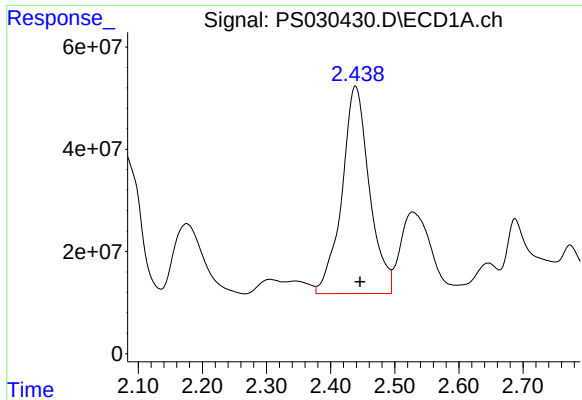
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/30/2025  
Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 29 23:27:29 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





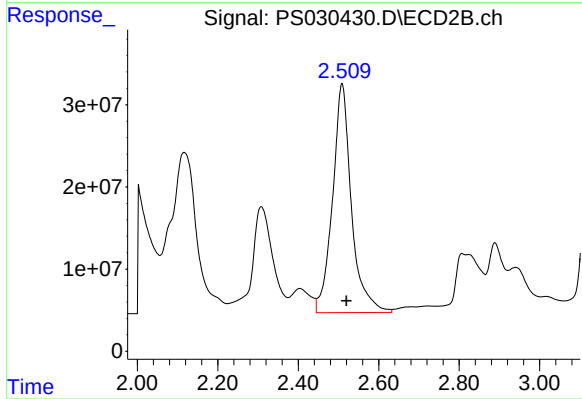
#1 Dalapon

R.T.: 2.439 min  
Delta R.T.: -0.007 min  
Response: 1209408769  
Conc: 246.05 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-21MSD

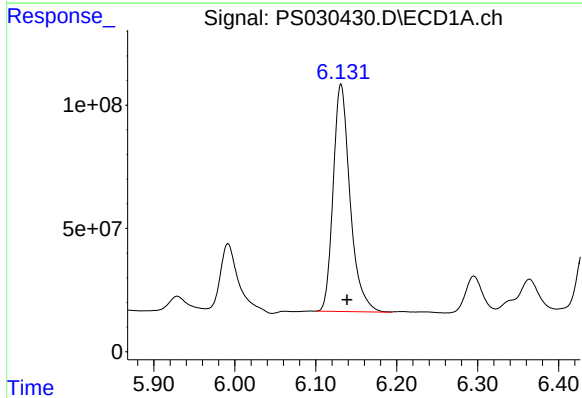
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/30/2025  
Supervised By :mohammad ahmed 05/30/2025



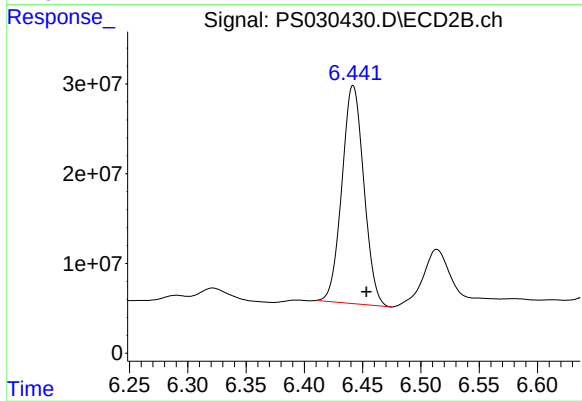
#1 Dalapon

R.T.: 2.509 min  
Delta R.T.: -0.011 min  
Response: 909738427  
Conc: 447.92 ng/ml



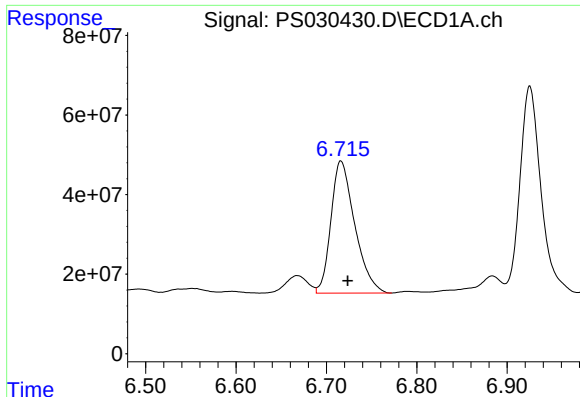
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.131 min  
Delta R.T.: -0.007 min  
Response: 1337770354  
Conc: 320.77 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.442 min  
Delta R.T.: -0.011 min  
Response: 318169293  
Conc: 272.91 ng/ml



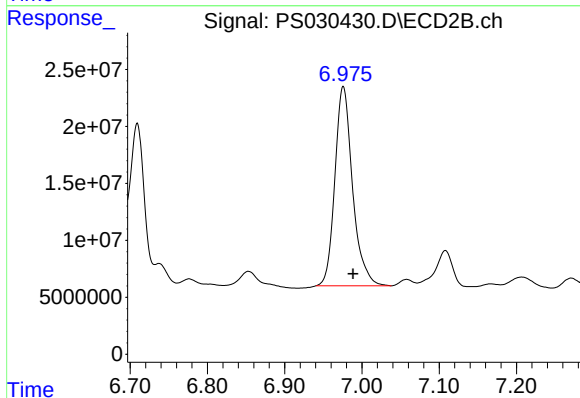
#3 4-Nitrophenol

R.T.: 6.716 min  
Delta R.T.: -0.007 min  
Response: 608565011  
Conc: 294.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-21MSD

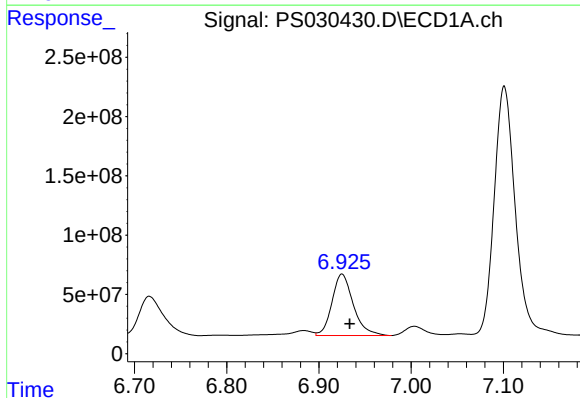
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/30/2025  
Supervised By :mohammad ahmed 05/30/2025



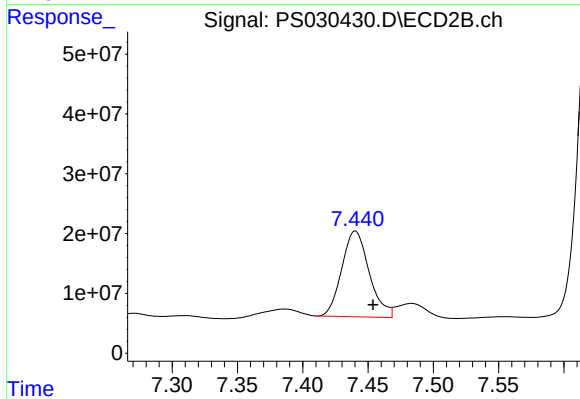
#3 4-Nitrophenol

R.T.: 6.976 min  
Delta R.T.: -0.013 min  
Response: 278798461  
Conc: 267.04 ng/ml



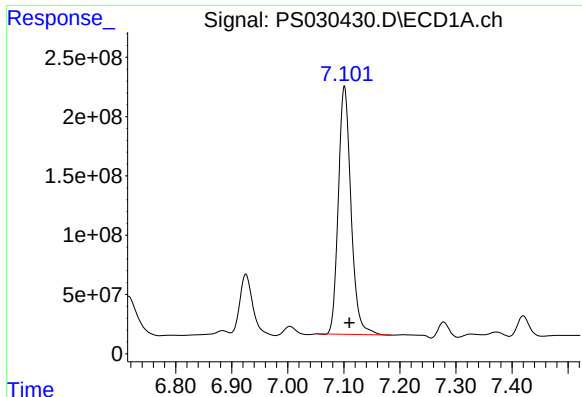
#4 2,4-DCAA

R.T.: 6.925 min  
Delta R.T.: -0.008 min  
Response: 834065958  
Conc: 292.88 ng/ml



#4 2,4-DCAA

R.T.: 7.440 min  
Delta R.T.: -0.014 min  
Response: 209969064  
Conc: 262.39 ng/ml



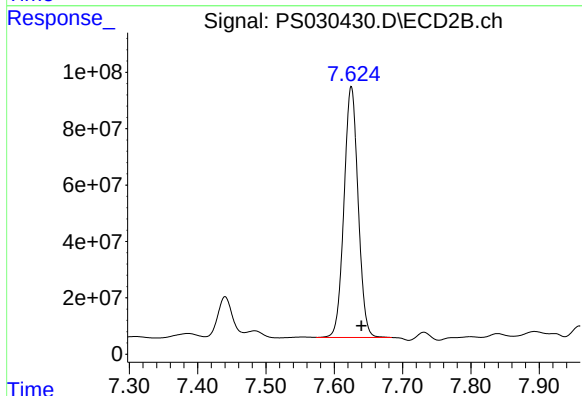
#5 DICAMBA

R.T.: 7.101 min  
Delta R.T.: -0.009 min  
Response: 3289429405  
Conc: 284.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-21MSD

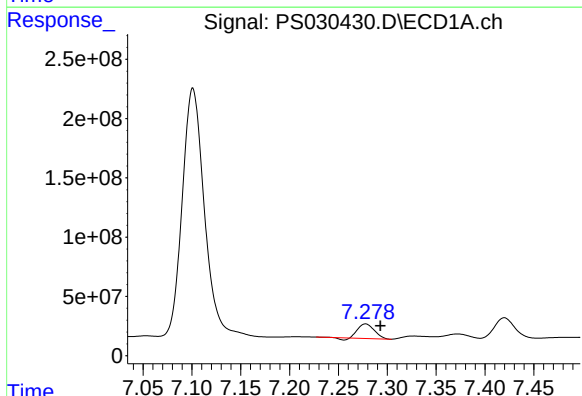
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/30/2025  
Supervised By :mohammad ahmed 05/30/2025



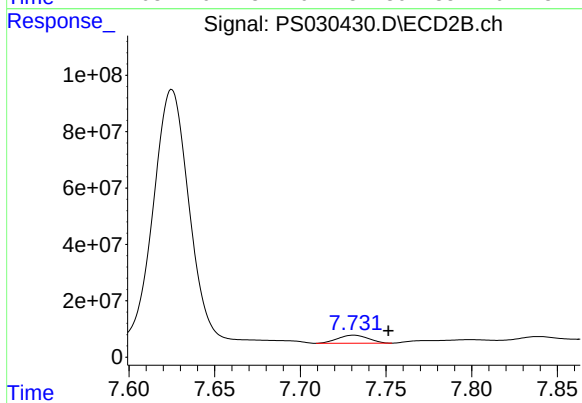
#5 DICAMBA

R.T.: 7.624 min  
Delta R.T.: -0.015 min  
Response: 1278690021  
Conc: 270.45 ng/ml m



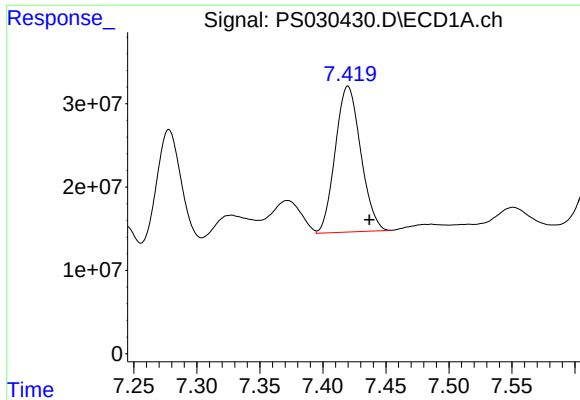
#6 MCP

R.T.: 7.278 min  
Delta R.T.: -0.015 min  
Response: 138610233  
Conc: 19.03 ug/ml



#6 MCP

R.T.: 7.731 min  
Delta R.T.: -0.020 min  
Response: 35342811  
Conc: 19.21 ug/ml



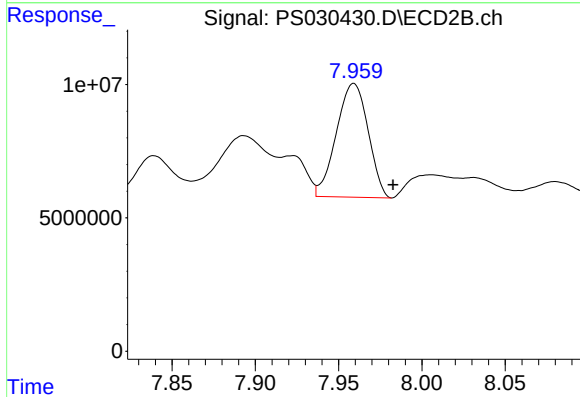
#7 MCPA

R.T.: 7.420 min  
Delta R.T.: -0.017 min  
Response: 245612088  
Conc: 23.66 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-21MSD

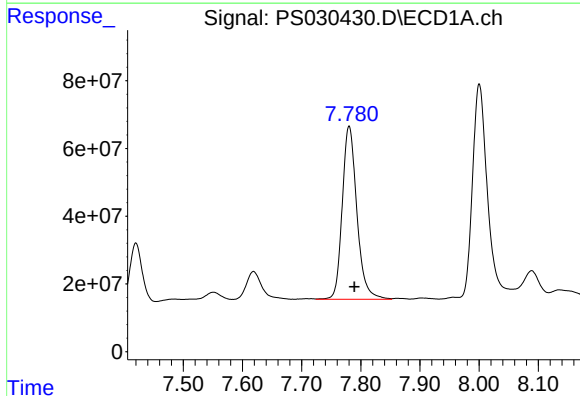
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/30/2025  
Supervised By :mohammad ahmed 05/30/2025



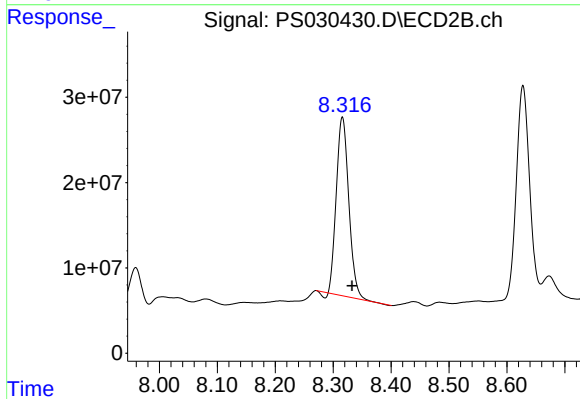
#7 MCPA

R.T.: 7.959 min  
Delta R.T.: -0.024 min  
Response: 56449011  
Conc: 21.40 ug/ml m



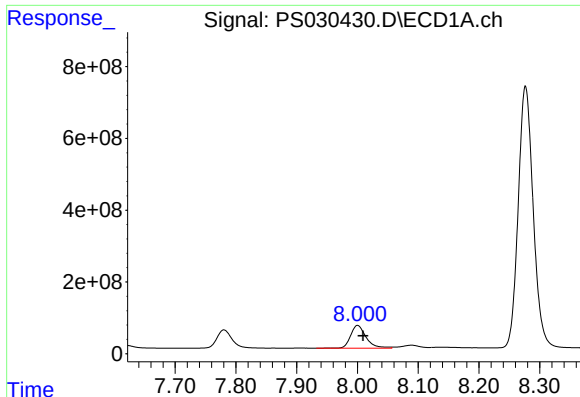
#8 DICHLORPROP

R.T.: 7.780 min  
Delta R.T.: -0.009 min  
Response: 878522968  
Conc: 300.73 ng/ml



#8 DICHLORPROP

R.T.: 8.316 min  
Delta R.T.: -0.017 min  
Response: 312749739  
Conc: 264.72 ng/ml



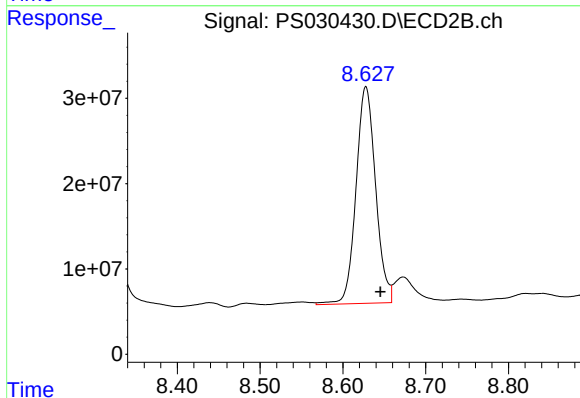
#9 2,4-D

R.T.: 8.000 min  
Delta R.T.: -0.009 min  
Response: 1125095823  
Conc: 343.13 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-21MSD

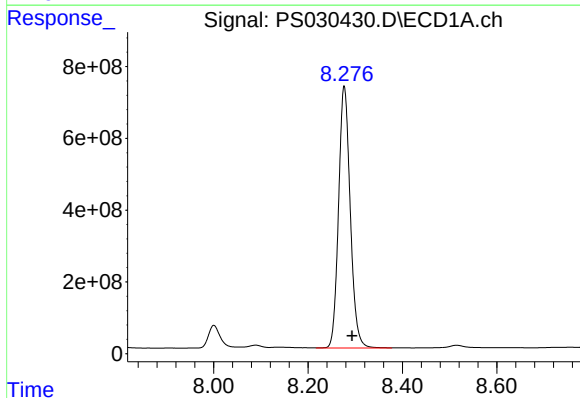
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/30/2025  
Supervised By :mohammad ahmed 05/30/2025



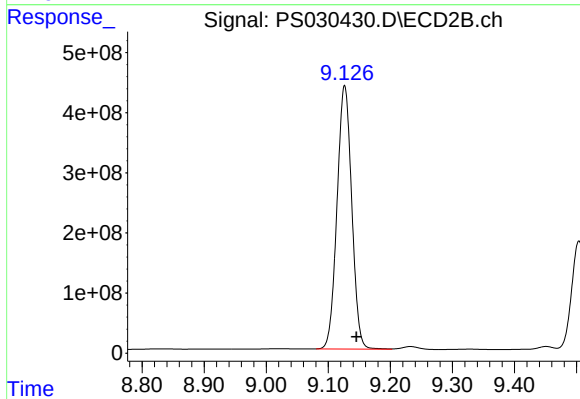
#9 2,4-D

R.T.: 8.628 min  
Delta R.T.: -0.017 min  
Response: 417462642  
Conc: 323.49 ng/ml



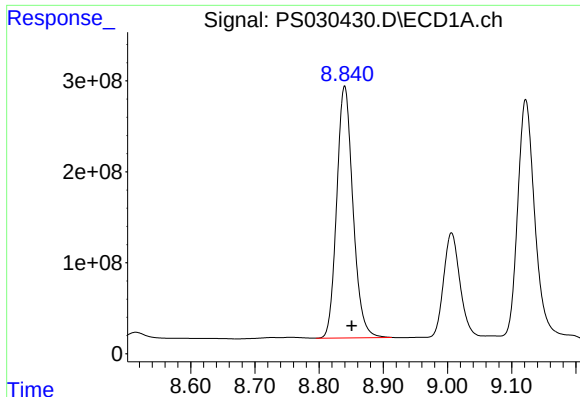
#10 Pentachlorophenol

R.T.: 8.277 min  
Delta R.T.: -0.016 min  
Response: 12525130333  
Conc: 309.26 ng/ml



#10 Pentachlorophenol

R.T.: 9.126 min  
Delta R.T.: -0.019 min  
Response: 7208967478  
Conc: 292.04 ng/ml



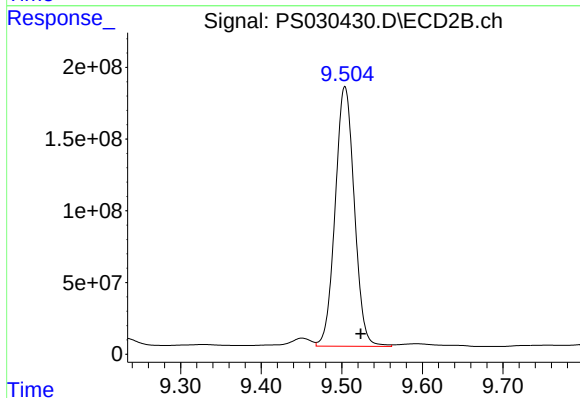
#11 2,4,5-TP (SILVEX)

R.T.: 8.839 min  
Delta R.T.: -0.011 min  
Response: 4861705883  
Conc: 300.18 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-21MSD

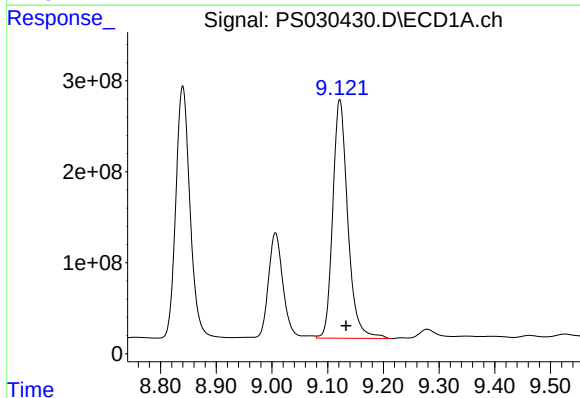
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/30/2025  
Supervised By :mohammad ahmed 05/30/2025



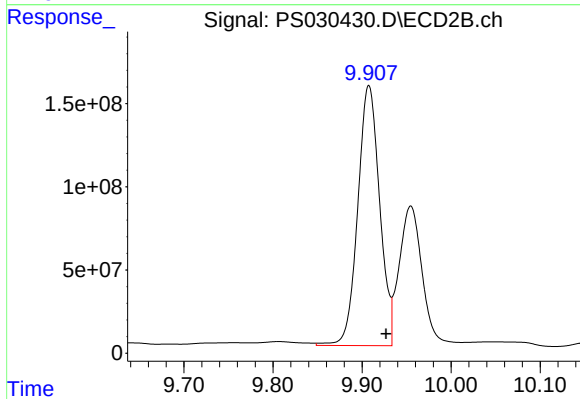
#11 2,4,5-TP (SILVEX)

R.T.: 9.504 min  
Delta R.T.: -0.019 min  
Response: 2984135218  
Conc: 302.94 ng/ml



#12 2,4,5-T

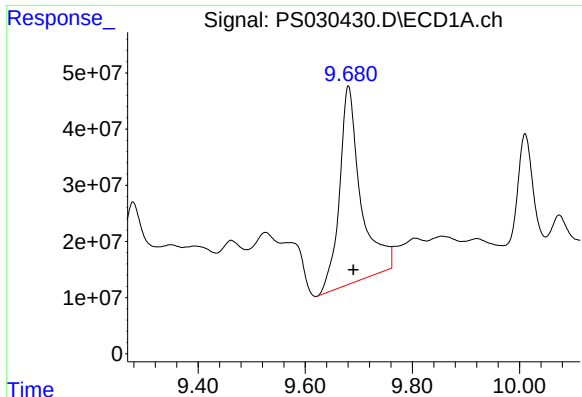
R.T.: 9.122 min  
Delta R.T.: -0.011 min  
Response: 4925667522  
Conc: 298.25 ng/ml



#12 2,4,5-T

R.T.: 9.908 min  
Delta R.T.: -0.019 min  
Response: 2668865908  
Conc: 289.98 ng/ml





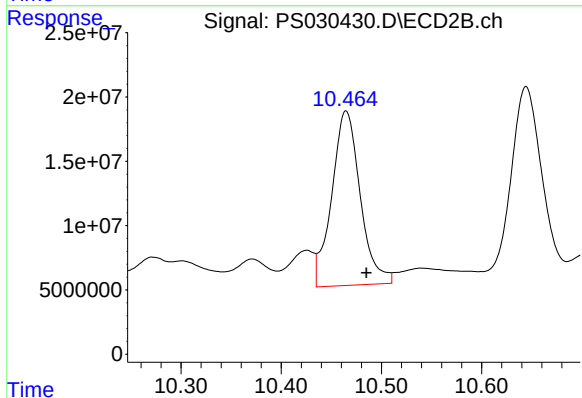
#13 2,4-DB

R.T.: 9.681 min  
Delta R.T.: -0.009 min  
Response: 972805207  
Conc: 372.75 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-21MSD

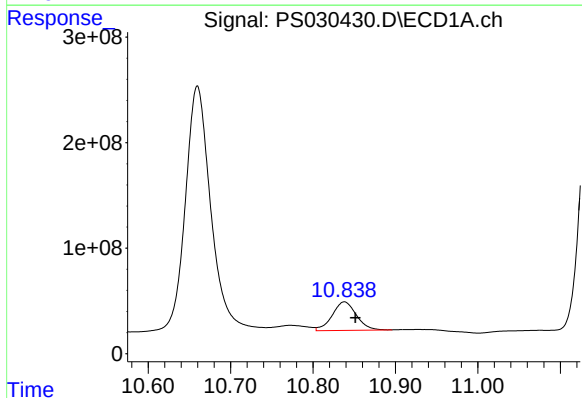
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/30/2025  
Supervised By :mohammad ahmed 05/30/2025



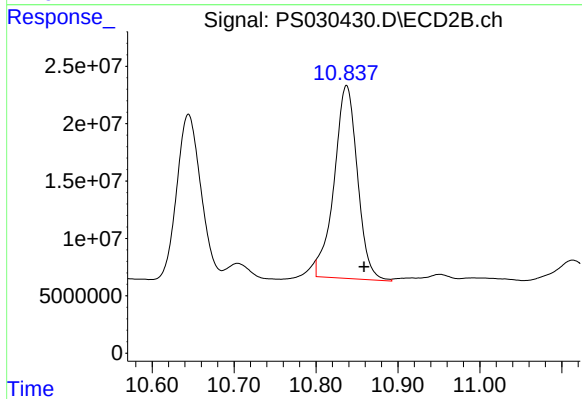
#13 2,4-DB

R.T.: 10.465 min  
Delta R.T.: -0.020 min  
Response: 268281625  
Conc: 270.34 ng/ml



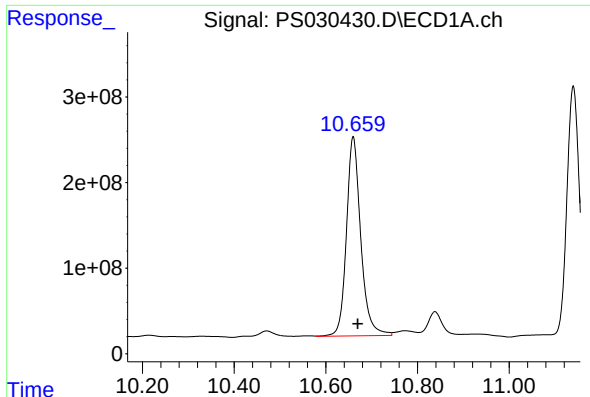
#14 DINOSEB

R.T.: 10.838 min  
Delta R.T.: -0.013 min  
Response: 551797093  
Conc: 48.25 ng/ml



#14 DINOSEB

R.T.: 10.837 min  
Delta R.T.: -0.022 min  
Response: 330883960  
Conc: 48.43 ng/ml m



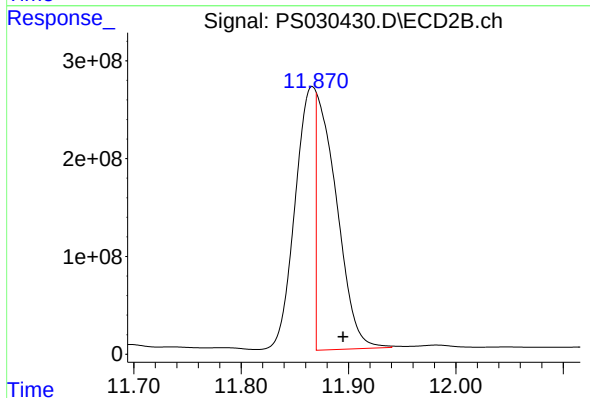
#15 Picloram

R.T.: 10.660 min  
Delta R.T.: -0.010 min  
Response: 5040446547  
Conc: 235.68 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-21MSD

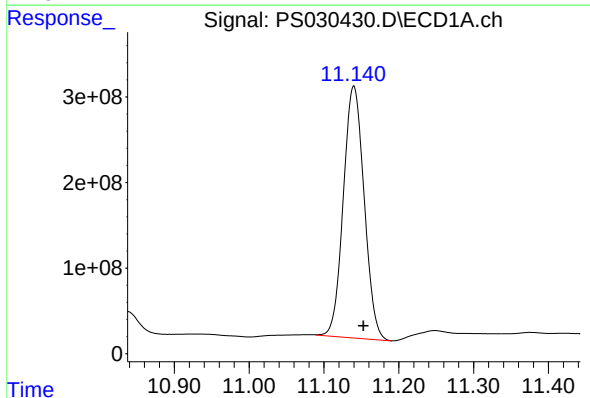
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/30/2025  
Supervised By :mohammad ahmed 05/30/2025



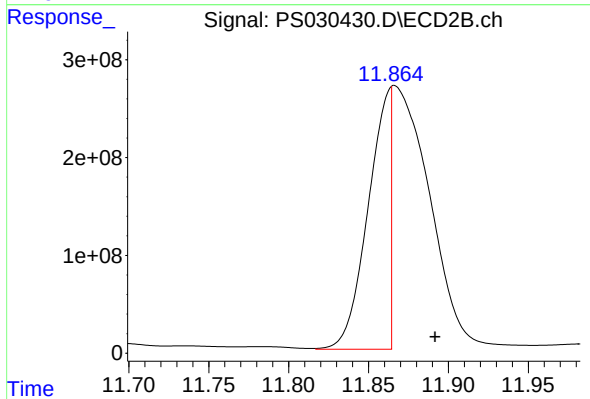
#15 Picloram

R.T.: 11.870 min  
Delta R.T.: -0.025 min  
Response: 3469142628  
Conc: 246.51 ng/ml m



#16 DCPA

R.T.: 11.140 min  
Delta R.T.: -0.013 min  
Response: 5688575737  
Conc: 285.69 ng/ml m



#16 DCPA

R.T.: 11.864 min  
Delta R.T.: -0.028 min  
Response: 2700989961  
Conc: 199.92 ng/ml m