

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
 Data File : PS030950.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2025 13:32  
 Operator : AR\AJ  
 Sample : Q2458-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP-76MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/09/2025  
 Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 09 01:36:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 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     | 7.337  | 7.772  | 1274.8E6  | 404.8E6  | 346.952  | 377.643   |
| Target Compounds            |              |        |        |           |          |          |           |
| 1) T                        | Dalapon      | 2.697  | 2.706  | 595.0E6   | 529.0E6  | 99.731m  | 192.943m# |
| 2) T                        | 3,5-DICHL... | 6.499  | 6.716  | 1336.7E6  | 429.2E6  | 248.580m | 266.054m  |
| 3) T                        | 4-Nitroph... | 7.142  | 7.324  | 79389507  | 242.2E6  | 50.350   | 139.717 # |
| 5) T                        | DICAMBA      | 7.529  | 7.973  | 3678.9E6  | 1539.8E6 | 241.793  | 234.969m  |
| 6) T                        | MCPD         | 7.706  | 8.071  | 180.6E6   | 50537179 | 19.235m  | 24.096m#  |
| 7) T                        | MCPA         | 7.857  | 8.316  | 228.9E6   | 71995190 | 19.511   | 22.887    |
| 8) T                        | DICHLORPROP  | 8.241  | 8.692  | 969.5E6   | 425.1E6  | 258.832  | 270.361m  |
| 9) T                        | 2,4-D        | 8.472  | 9.029  | 1301.2E6  | 441.4E6  | 377.776  | 259.719m# |
| 10) T                       | Pentachlo... | 8.780  | 9.554  | 13643.8E6 | 9535.6E6 | 257.794  | 250.134   |
| 11) T                       | 2,4,5-TP ... | 9.360  | 9.935  | 5233.5E6  | 3803.1E6 | 261.278  | 263.580m  |
| 12) T                       | 2,4,5-T      | 9.655  | 10.361 | 4526.5E6  | 3365.6E6 | 275.114  | 246.303m  |
| 13) T                       | 2,4-DB       | 10.233 | 10.928 | 596.4E6   | 318.3E6  | 260.042m | 269.076m  |
| 15) T                       | Picloram     | 11.260 | 12.424 | 4590.9E6  | 4975.6E6 | 285.575m | 214.081 # |
| 16) T                       | DCPA         | 11.744 | 12.359 | 5529.6E6  | 5513.1E6 | 215.864  | 250.107m  |
| -----                       |              |        |        |           |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS070825\  
Data File : PS030950.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2025 13:32  
Operator : AR\AJ  
Sample : Q2458-01MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

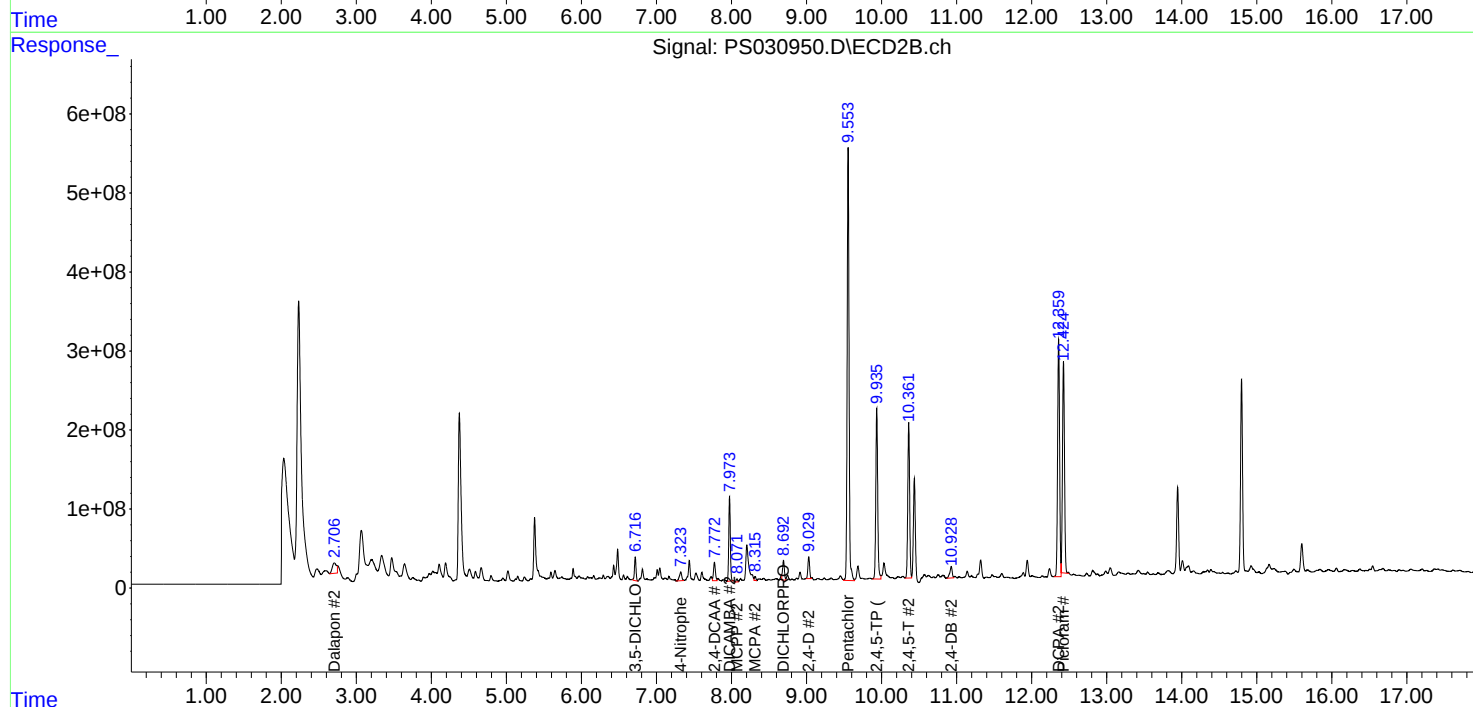
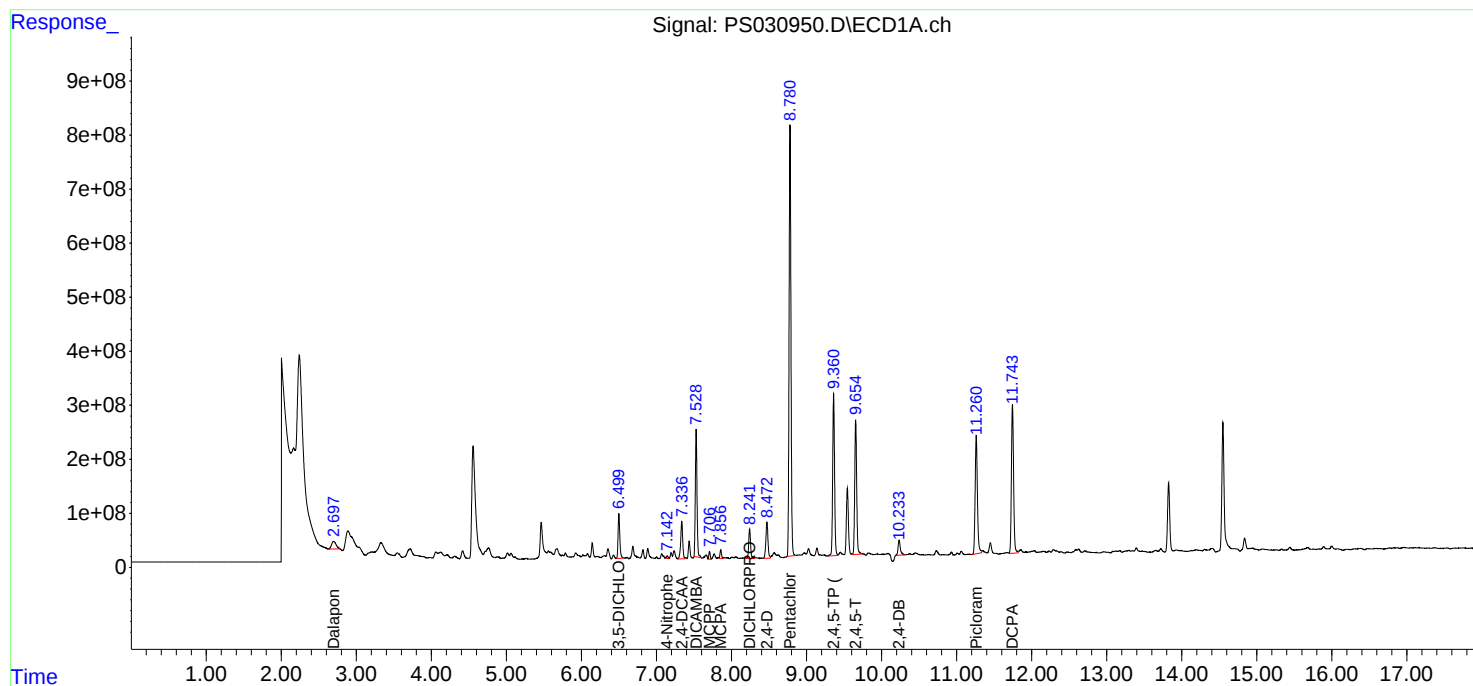
Instrument :  
ECD\_S  
ClientSampleId :  
TP-76MSD

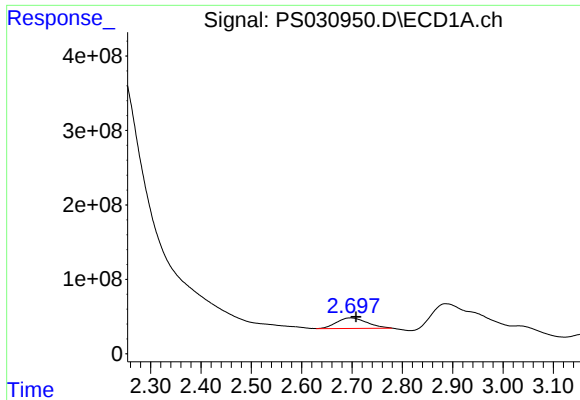
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/09/2025  
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 01:36:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 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





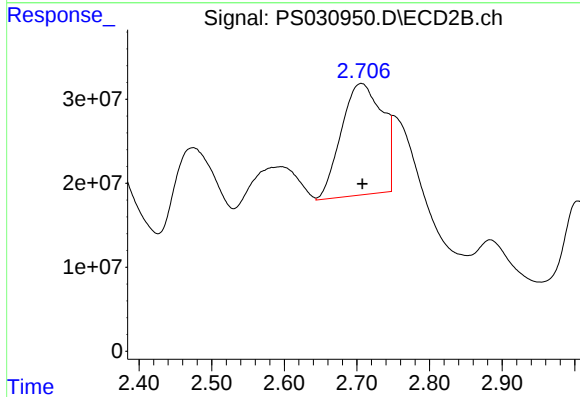
#1 Dalapon

R.T.: 2.697 min  
Delta R.T.: -0.011 min  
Response: 594960446  
Conc: 99.73 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-76MSD

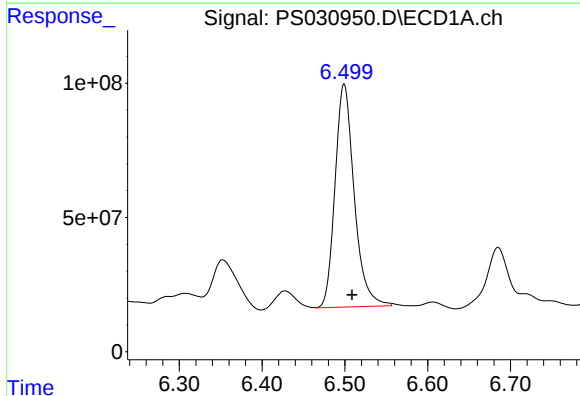
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/09/2025  
Supervised By :mohammad ahmed 07/10/2025



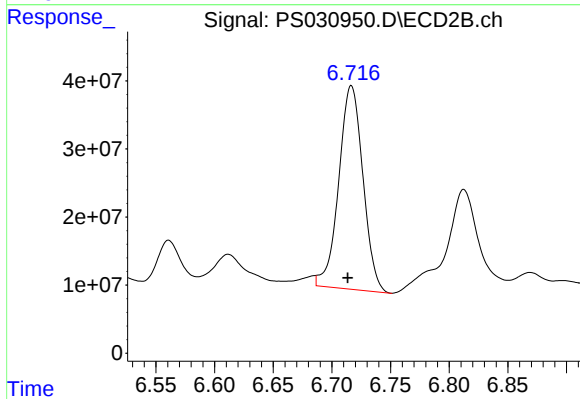
#1 Dalapon

R.T.: 2.706 min  
Delta R.T.: -0.002 min  
Response: 528999919  
Conc: 192.94 ng/ml m



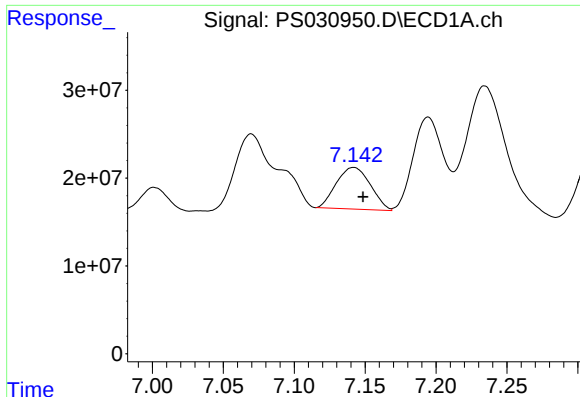
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.499 min  
Delta R.T.: -0.010 min  
Response: 1336749733  
Conc: 248.58 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min  
Delta R.T.: 0.003 min  
Response: 429184549  
Conc: 266.05 ng/ml m



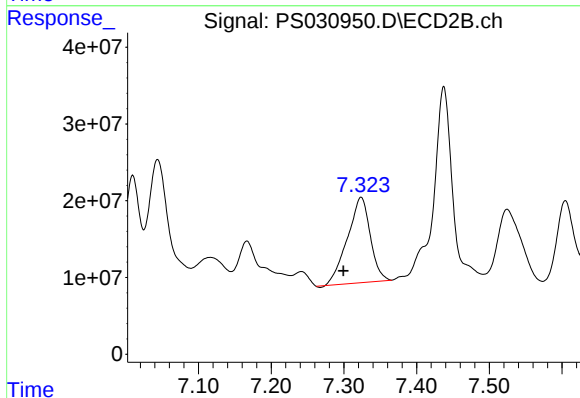
#3 4-Nitrophenol

R.T.: 7.142 min  
Delta R.T.: -0.007 min  
Response: 79389507  
Conc: 50.35 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-76MSD

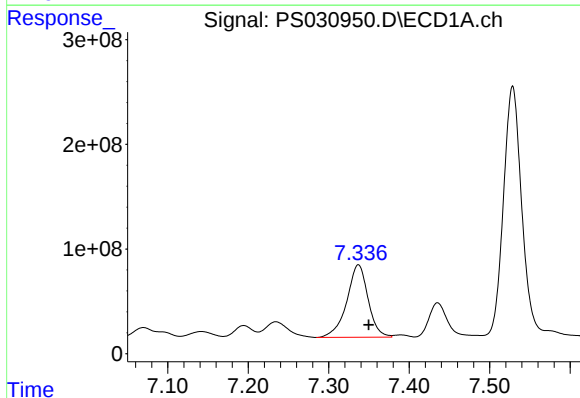
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/09/2025  
Supervised By :mohammad ahmed 07/10/2025



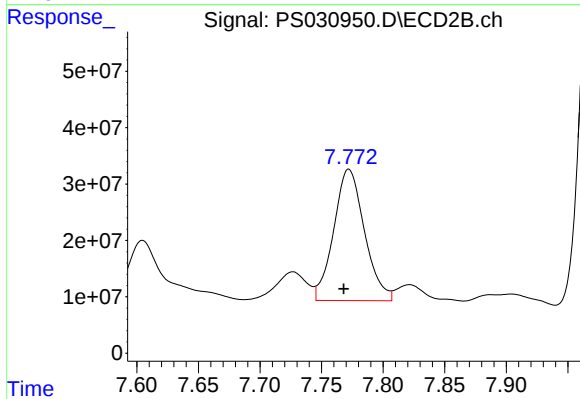
#3 4-Nitrophenol

R.T.: 7.324 min  
Delta R.T.: 0.024 min  
Response: 242205019  
Conc: 139.72 ng/ml



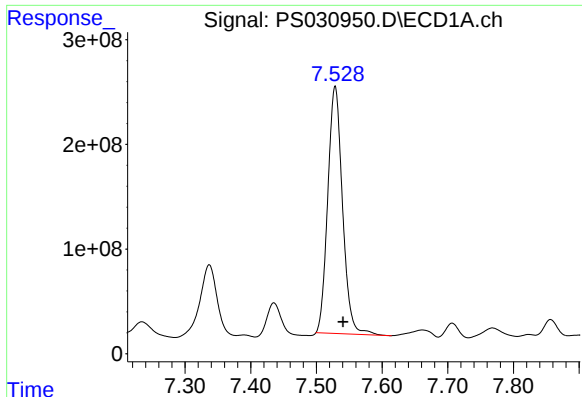
#4 2,4-DCAA

R.T.: 7.337 min  
Delta R.T.: -0.013 min  
Response: 1274837487  
Conc: 346.95 ng/ml



#4 2,4-DCAA

R.T.: 7.772 min  
Delta R.T.: 0.004 min  
Response: 404820162  
Conc: 377.64 ng/ml



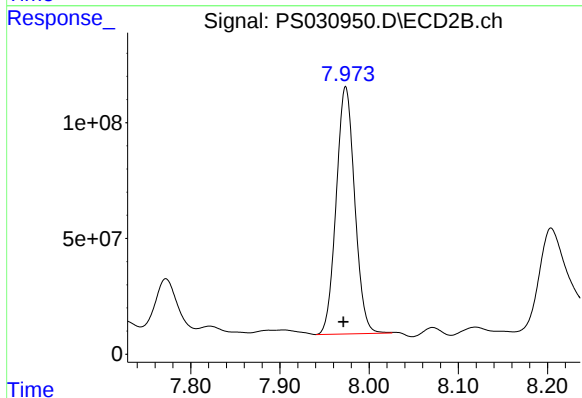
#5 DICAMBA

R.T.: 7.529 min  
Delta R.T.: -0.012 min  
Response: 3678908219  
Conc: 241.79 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-76MSD

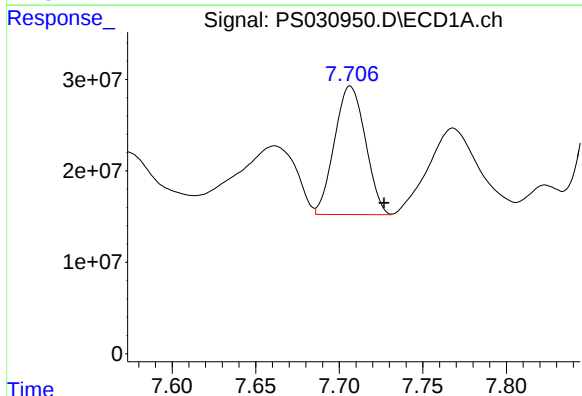
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/09/2025  
Supervised By :mohammad ahmed 07/10/2025



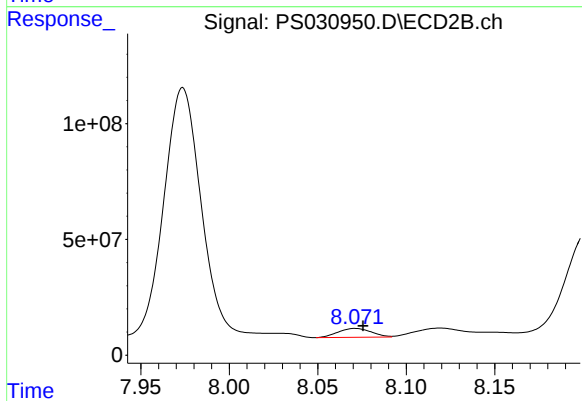
#5 DICAMBA

R.T.: 7.973 min  
Delta R.T.: 0.002 min  
Response: 1539804161  
Conc: 234.97 ng/ml m



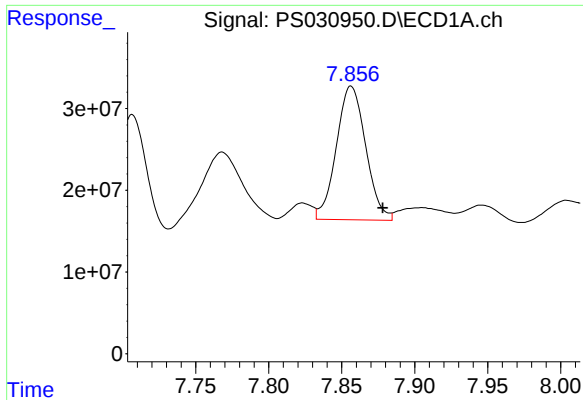
#6 MCPP

R.T.: 7.706 min  
Delta R.T.: -0.021 min  
Response: 180582602  
Conc: 19.23 ug/ml m



#6 MCPP

R.T.: 8.071 min  
Delta R.T.: -0.005 min  
Response: 50537179  
Conc: 24.10 ug/ml m



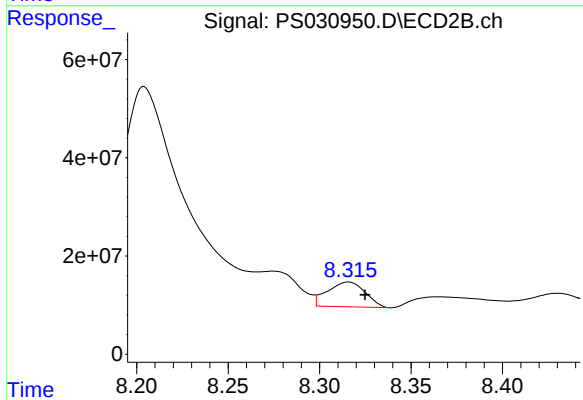
#7 MCPA

R.T.: 7.857 min  
Delta R.T.: -0.022 min  
Response: 228873353  
Conc: 19.51 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-76MSD

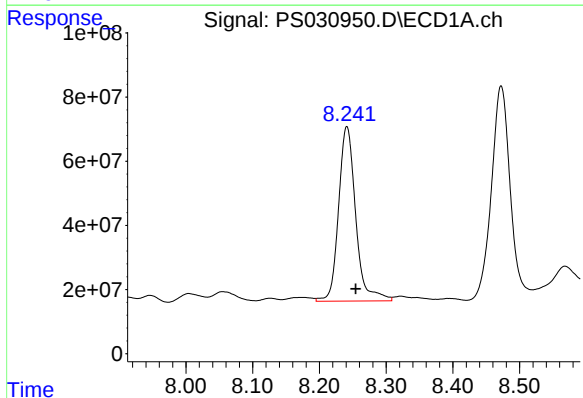
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/09/2025  
Supervised By :mohammad ahmed 07/10/2025



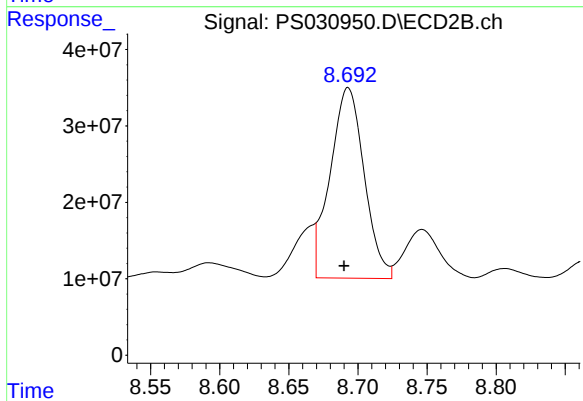
#7 MCPA

R.T.: 8.316 min  
Delta R.T.: -0.009 min  
Response: 71995190  
Conc: 22.89 ug/ml



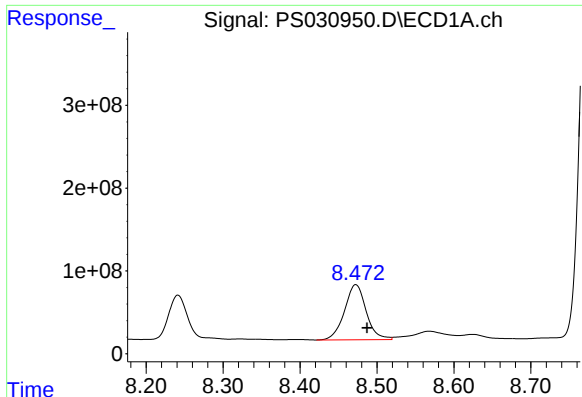
#8 DICHLORPROP

R.T.: 8.241 min  
Delta R.T.: -0.013 min  
Response: 969524481  
Conc: 258.83 ng/ml



#8 DICHLORPROP

R.T.: 8.692 min  
Delta R.T.: 0.002 min  
Response: 425140877  
Conc: 270.36 ng/ml m



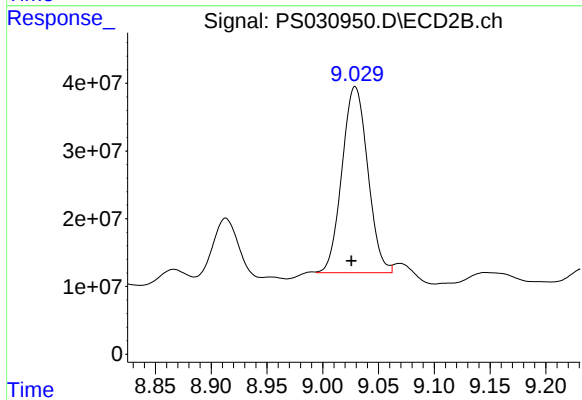
#9 2,4-D

R.T.: 8.472 min  
Delta R.T.: -0.015 min  
Response: 1301214968  
Conc: 377.78 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-76MSD

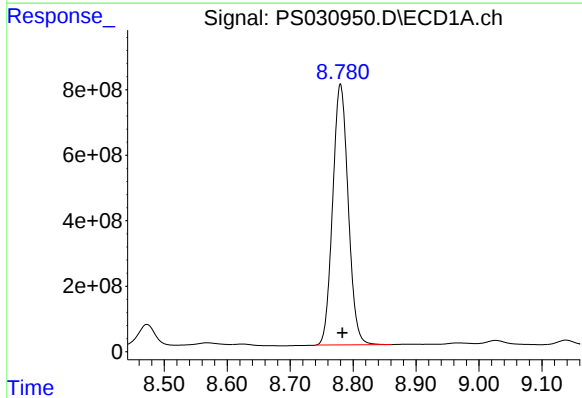
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/09/2025  
Supervised By :mohammad ahmed 07/10/2025



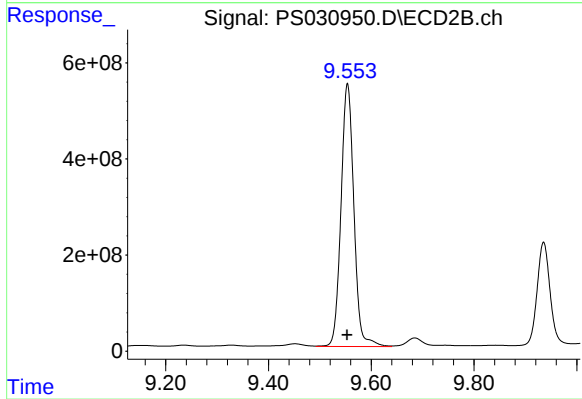
#9 2,4-D

R.T.: 9.029 min  
Delta R.T.: 0.003 min  
Response: 441368544  
Conc: 259.72 ng/ml m



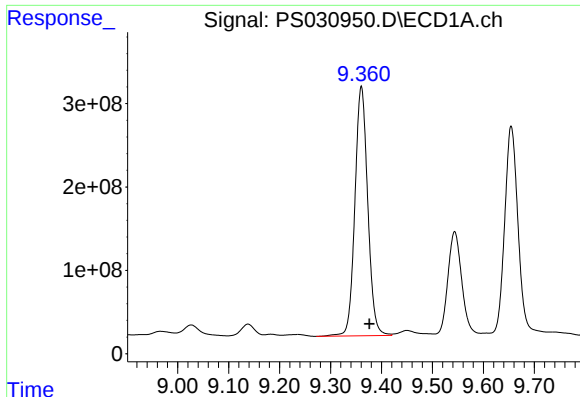
#10 Pentachlorophenol

R.T.: 8.780 min  
Delta R.T.: -0.003 min  
Response: 13643846647  
Conc: 257.79 ng/ml



#10 Pentachlorophenol

R.T.: 9.554 min  
Delta R.T.: 0.000 min  
Response: 9535626817  
Conc: 250.13 ng/ml



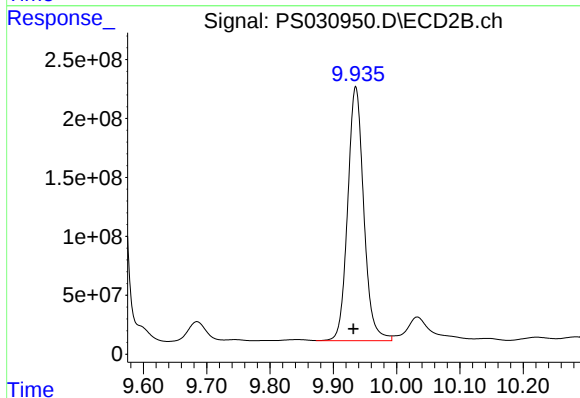
#11 2,4,5-TP (SILVEX)

R.T.: 9.360 min  
Delta R.T.: -0.016 min  
Response: 5233507510  
Conc: 261.28 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-76MSD

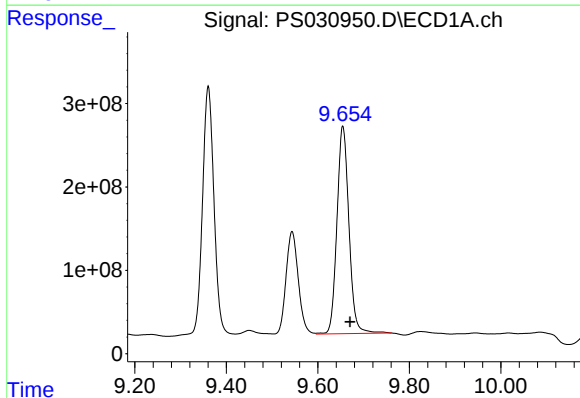
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/09/2025  
Supervised By :mohammad ahmed 07/10/2025



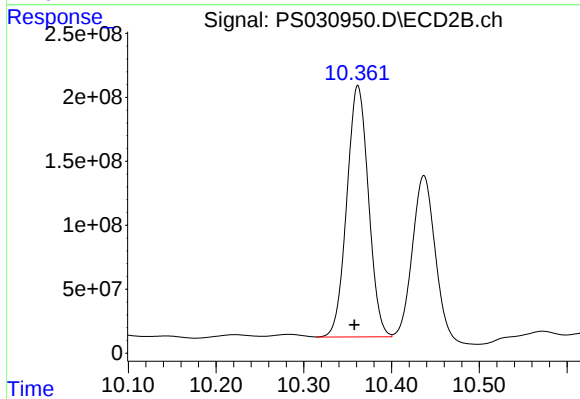
#11 2,4,5-TP (SILVEX)

R.T.: 9.935 min  
Delta R.T.: 0.003 min  
Response: 3803121107  
Conc: 263.58 ng/ml m



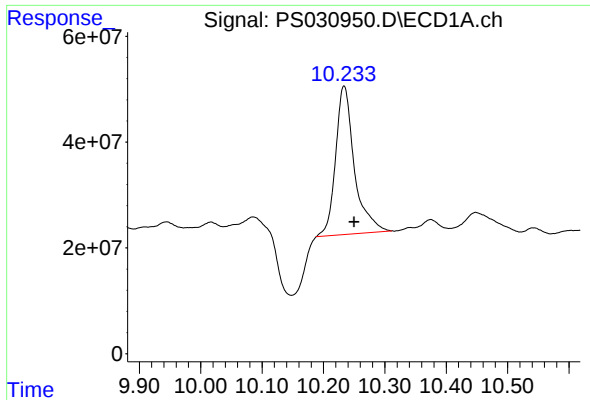
#12 2,4,5-T

R.T.: 9.655 min  
Delta R.T.: -0.016 min  
Response: 4526492292  
Conc: 275.11 ng/ml



#12 2,4,5-T

R.T.: 10.361 min  
Delta R.T.: 0.003 min  
Response: 3365641663  
Conc: 246.30 ng/ml m



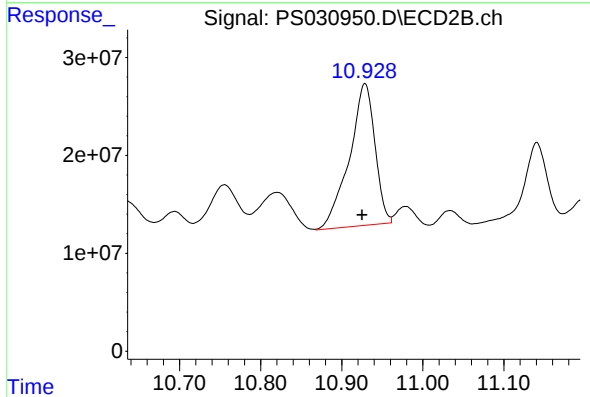
#13 2,4-DB

R.T.: 10.233 min  
Delta R.T.: -0.017 min  
Response: 596407662  
Conc: 260.04 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-76MSD

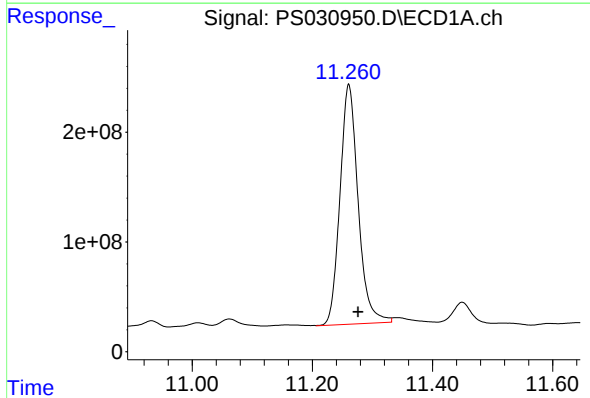
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/09/2025  
Supervised By :mohammad ahmed 07/10/2025



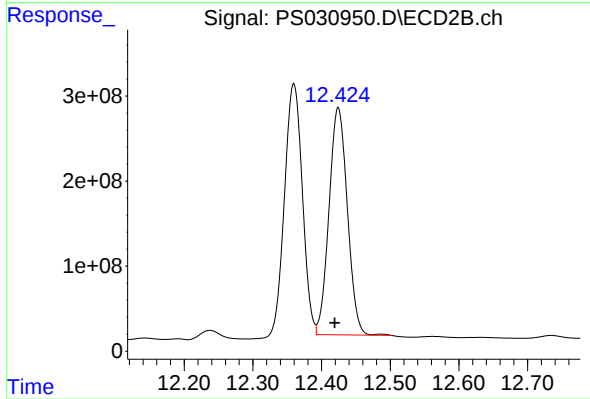
#13 2,4-DB

R.T.: 10.928 min  
Delta R.T.: 0.003 min  
Response: 318290860  
Conc: 269.08 ng/ml m



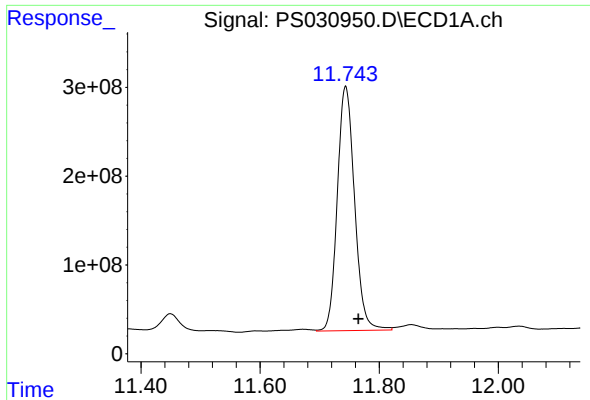
#15 Picloram

R.T.: 11.260 min  
Delta R.T.: -0.016 min  
Response: 4590934515  
Conc: 285.57 ng/ml m



#15 Picloram

R.T.: 12.424 min  
Delta R.T.: 0.005 min  
Response: 4975551939  
Conc: 214.08 ng/ml



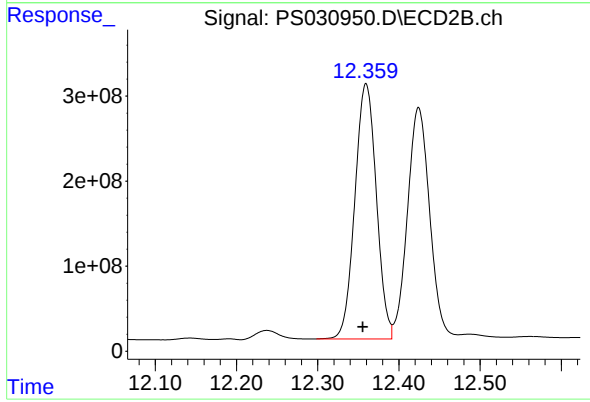
#16 DCPA

R.T.: 11.744 min  
Delta R.T.: -0.021 min  
Response: 5529628502  
Conc: 215.86 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-76MSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/09/2025  
Supervised By :mohammad ahmed 07/10/2025



#16 DCPA

R.T.: 12.359 min  
Delta R.T.: 0.003 min  
Response: 5513060136  
Conc: 250.11 ng/ml m