

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062725\
 Data File : PS030842.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 18:40
 Operator : AR\AJ
 Sample : Q2405-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MH-M/HMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:24:02 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	7.340	7.766	1135.9E6	329.4E6	309.133	307.310
Target Compounds							
1) T	Dalapon	2.696	2.703	625.1E6	672.1E6	104.790m	245.150m#
2) T	3,5-DICHL...	6.500	6.713	1561.0E6	499.9E6	290.285	309.886m
3) T	4-Nitroph...	7.140	7.300	399.4E6	434.8E6	253.303	250.794
5) T	DICAMBA	7.531	7.969	4206.9E6	1808.1E6	276.494	275.912
6) T	MCPD	7.709	8.066	261.5E6	50844223	27.853m	24.243
7) T	MCPA	7.859	8.313	312.0E6	79640597	26.593	25.317
8) T	DICHLORPROP	8.243	8.688	1116.1E6	488.5E6	297.962	310.652
9) T	2,4-D	8.476	9.024	1233.0E6	531.6E6	357.983	312.825
10) T	Pentachlo...	8.783	9.549	14880.0E6	10326.7E6	281.151	270.886
11) T	2,4,5-TP ...	9.363	9.929	6174.2E6	4507.1E6	308.239	312.373
12) T	2,4,5-T	9.657	10.355	5036.4E6	4060.1E6	306.106	297.123
13) T	2,4-DB	10.236	10.923	573.0E6	337.2E6	249.827m	285.097
14) T	DINOSEB	11.452	11.308	579.4E6	454.3E6	41.761m	42.138
15) T	Picloram	11.262	12.417	4025.9E6	5105.7E6	250.427m	219.679
16) T	DCPA	11.746	12.351	5904.6E6	6332.5E6	230.502	287.284m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062725\
Data File : PS030842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 18:40
Operator : AR\AJ
Sample : Q2405-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

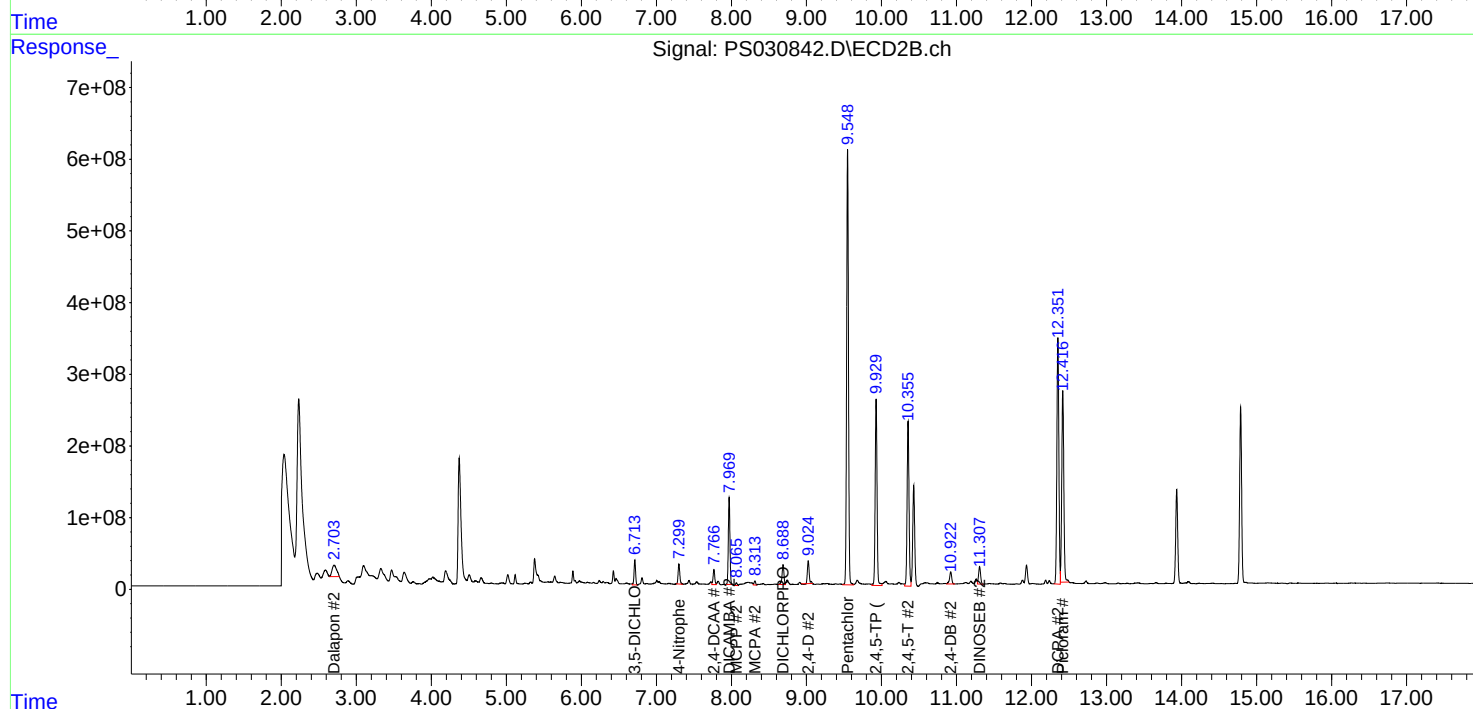
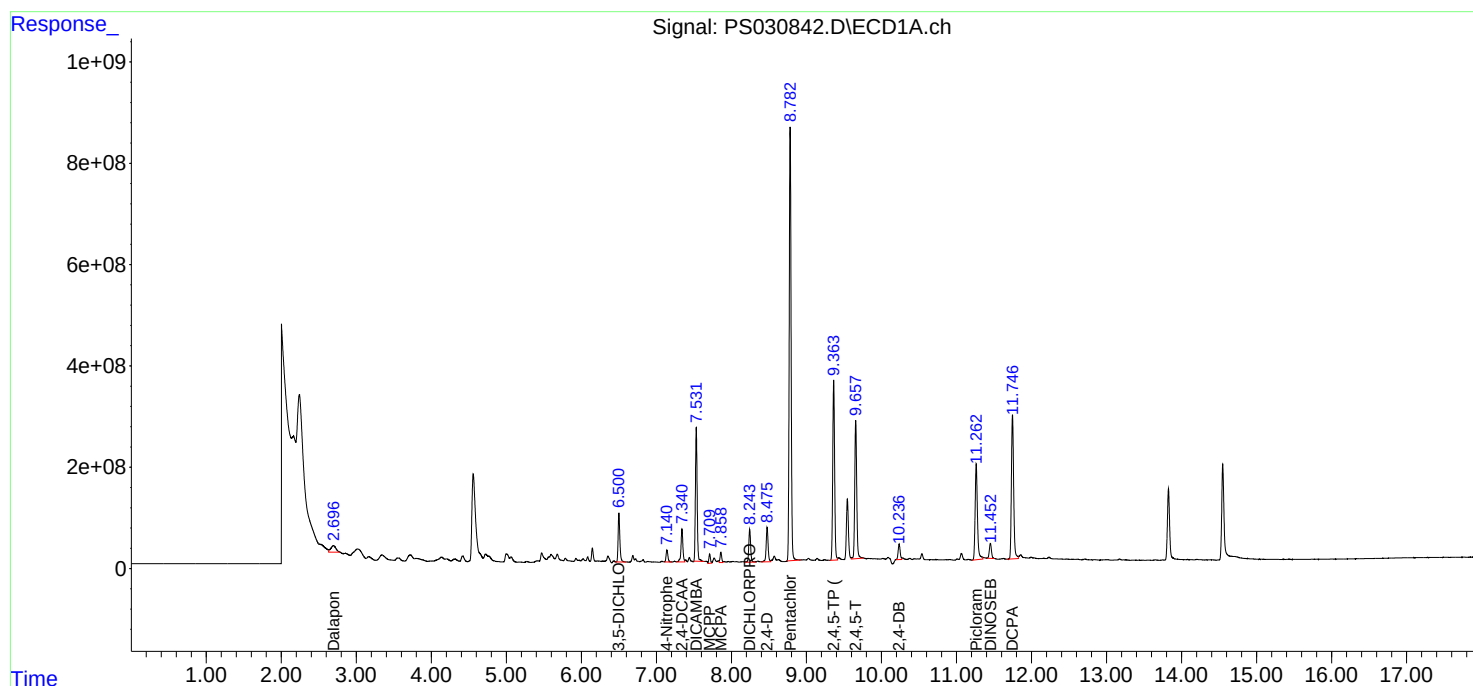
Instrument :
ECD_S
ClientSampleId :
MH-M/HMS

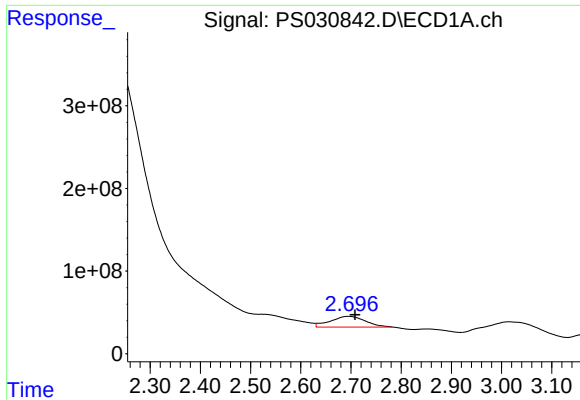
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/30/2025
Supervised By : mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:24:02 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





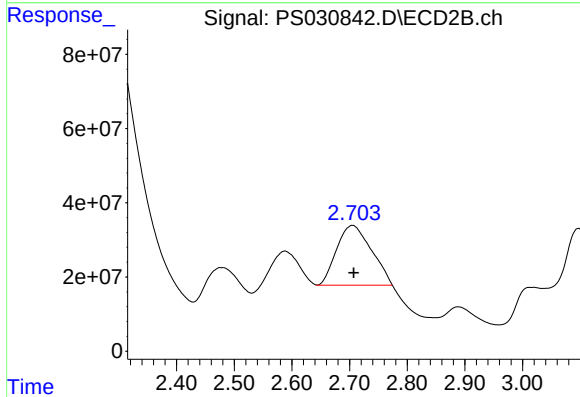
#1 Dalapon

R.T.: 2.696 min
Delta R.T.: -0.012 min
Response: 625139461
Conc: 104.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMS

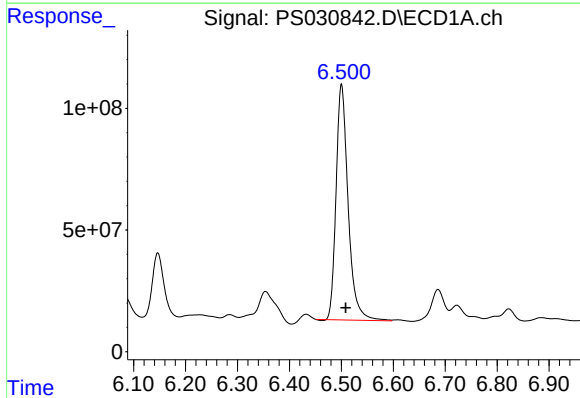
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



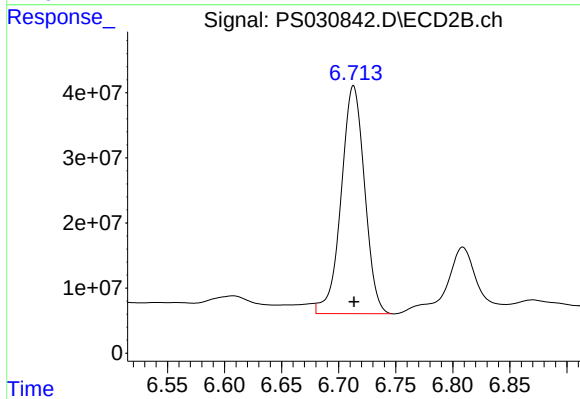
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.004 min
Response: 672139153
Conc: 245.15 ng/ml m



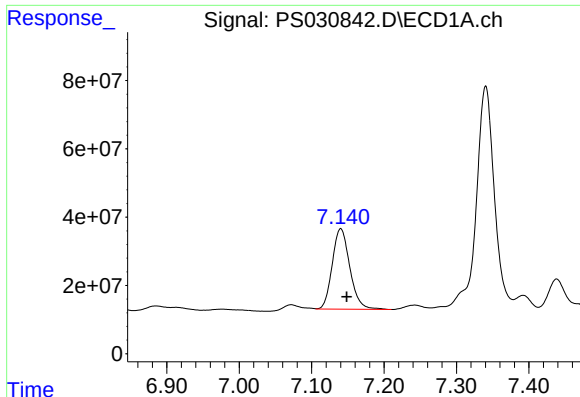
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.500 min
Delta R.T.: -0.008 min
Response: 1561021125
Conc: 290.28 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 499892839
Conc: 309.89 ng/ml m



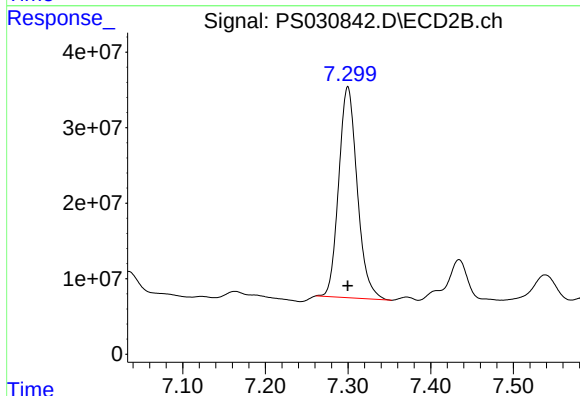
#3 4-Nitrophenol

R.T.: 7.140 min
Delta R.T.: -0.008 min
Response: 399400567
Conc: 253.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMS

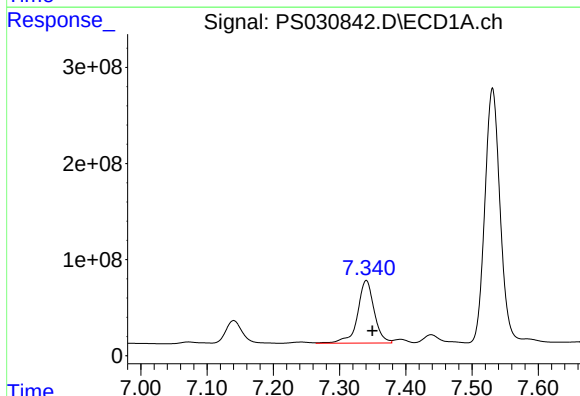
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



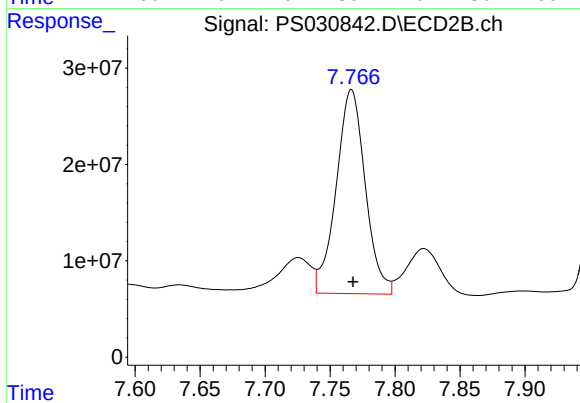
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 434760339
Conc: 250.79 ng/ml



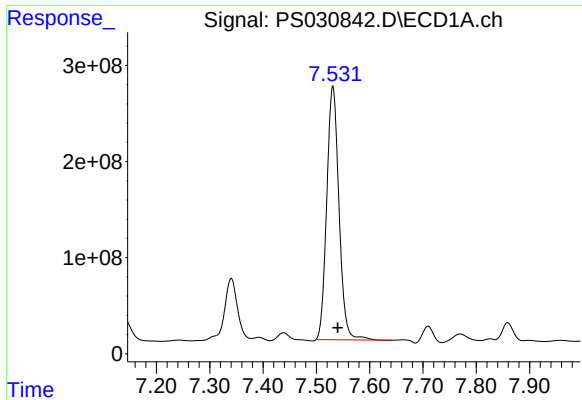
#4 2,4-DCAA

R.T.: 7.340 min
Delta R.T.: -0.009 min
Response: 1135877583
Conc: 309.13 ng/ml



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.001 min
Response: 329425104
Conc: 307.31 ng/ml



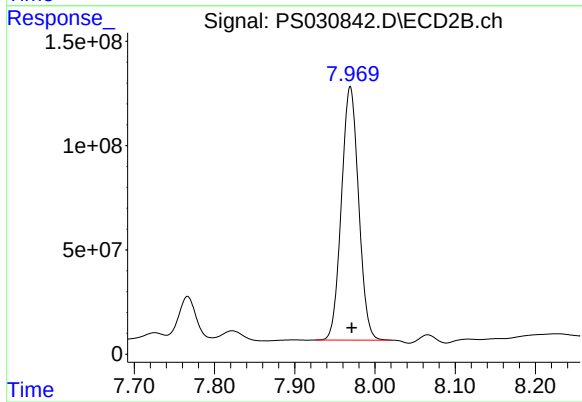
#5 DICAMBA

R.T.: 7.531 min
Delta R.T.: -0.010 min
Response: 4206879763
Conc: 276.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMS

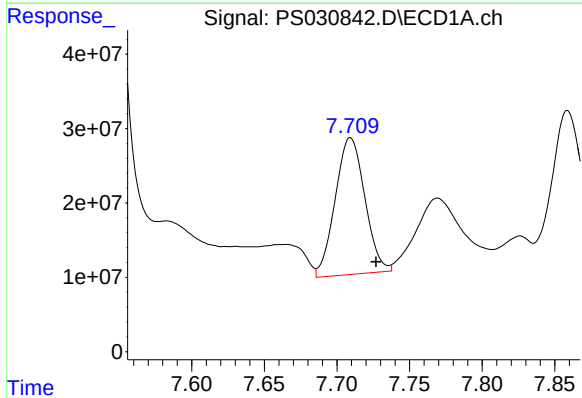
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



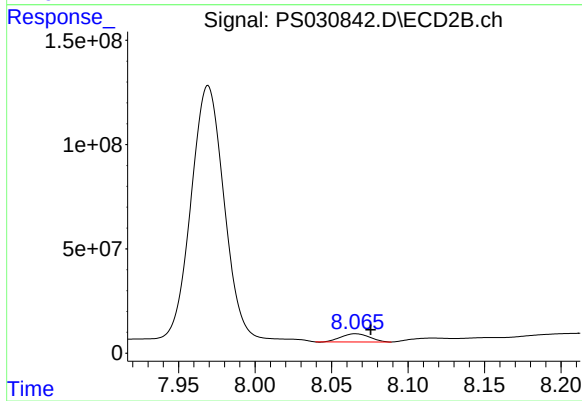
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.002 min
Response: 1808110178
Conc: 275.91 ng/ml



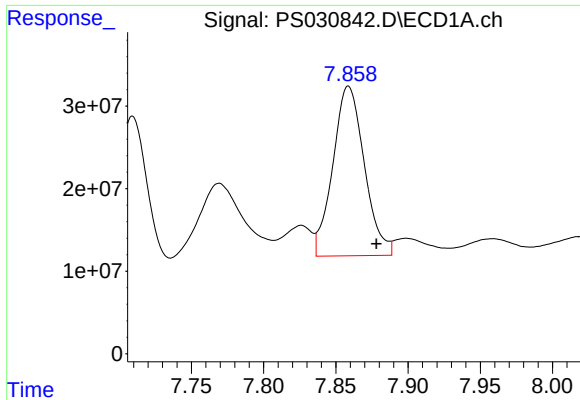
#6 MCP

R.T.: 7.709 min
Delta R.T.: -0.018 min
Response: 261497116
Conc: 27.85 ug/ml m



#6 MCP

R.T.: 8.066 min
Delta R.T.: -0.010 min
Response: 50844223
Conc: 24.24 ug/ml



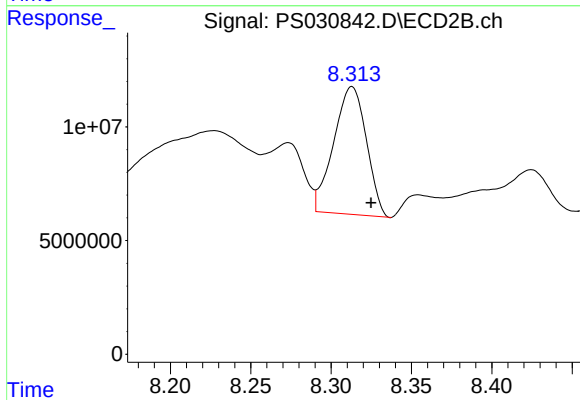
#7 MCPA

R.T.: 7.859 min
Delta R.T.: -0.019 min
Response: 311956494
Conc: 26.59 ug/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMS

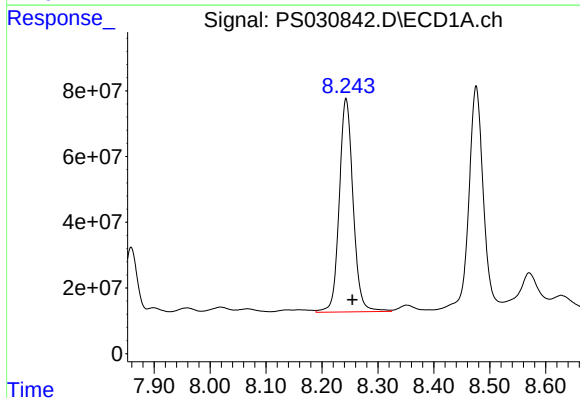
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



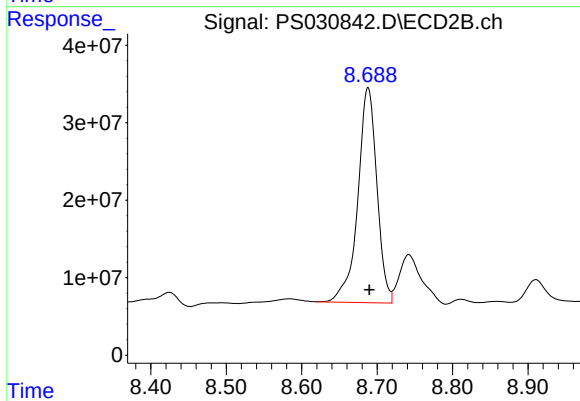
#7 MCPA

R.T.: 8.313 min
Delta R.T.: -0.012 min
Response: 79640597
Conc: 25.32 ug/ml



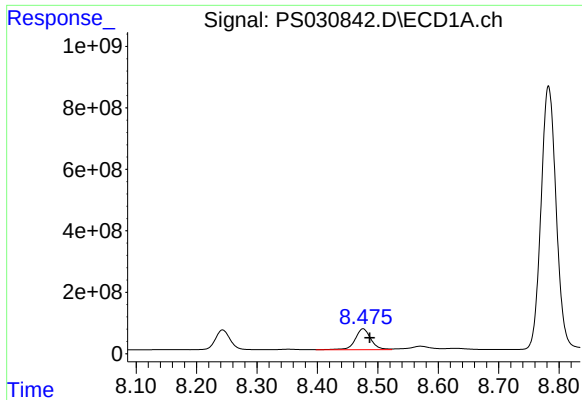
#8 DICHLORPROP

R.T.: 8.243 min
Delta R.T.: -0.011 min
Response: 1116096256
Conc: 297.96 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 488499313
Conc: 310.65 ng/ml



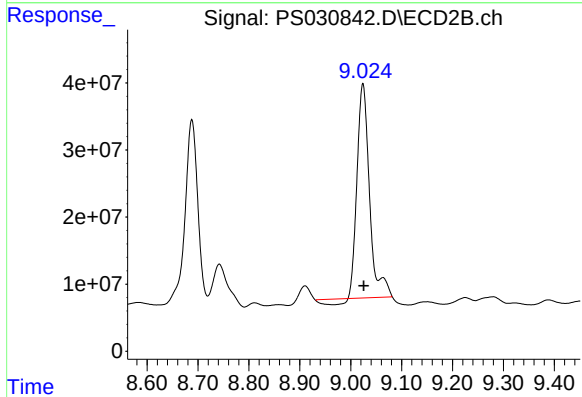
#9 2,4-D

R.T.: 8.476 min
Delta R.T.: -0.011 min
Response: 1233041990
Conc: 357.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMS

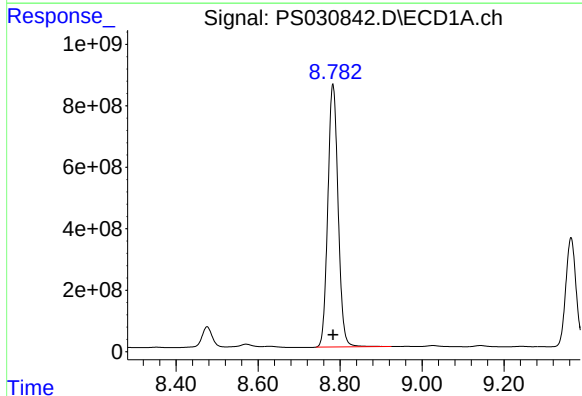
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



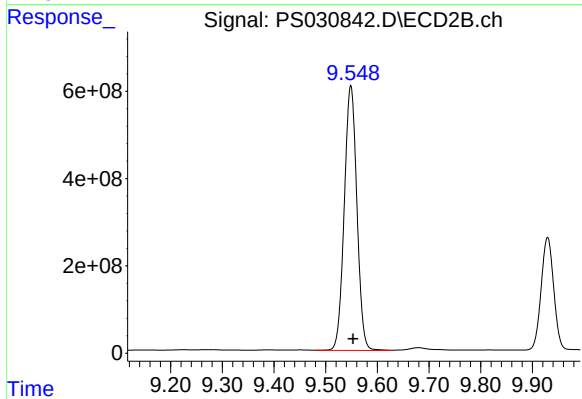
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 531615664
Conc: 312.82 ng/ml



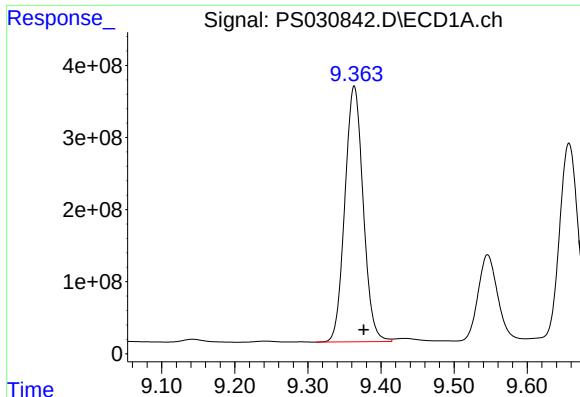
#10 Pentachlorophenol

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 14880033037
Conc: 281.15 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.004 min
Response: 10326731741
Conc: 270.89 ng/ml



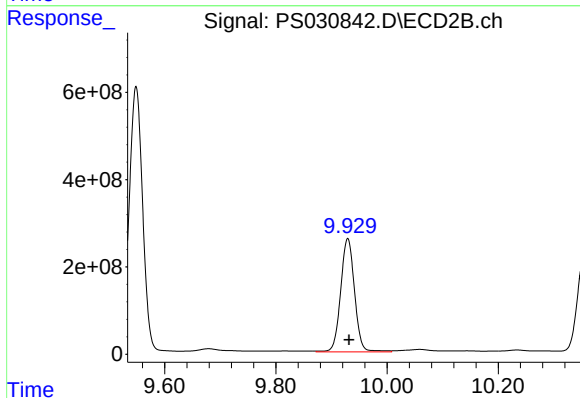
#11 2,4,5-TP (SILVEX)

R.T.: 9.363 min
Delta R.T.: -0.013 min
Response: 6174155179
Conc: 308.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMS

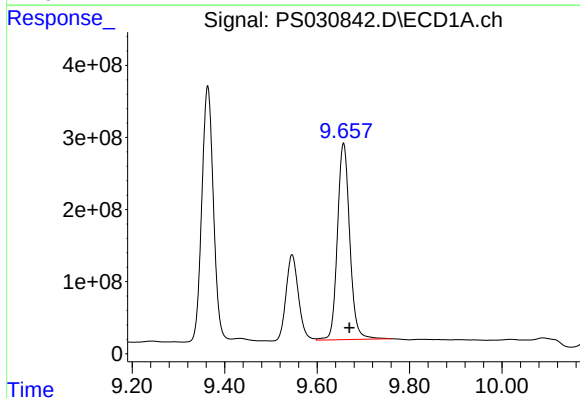
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



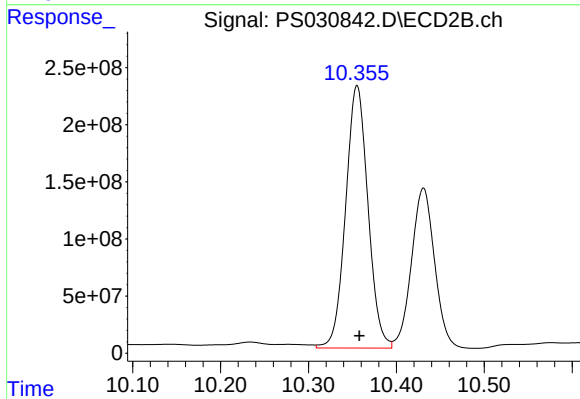
#11 2,4,5-TP (SILVEX)

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 4507131245
Conc: 312.37 ng/ml



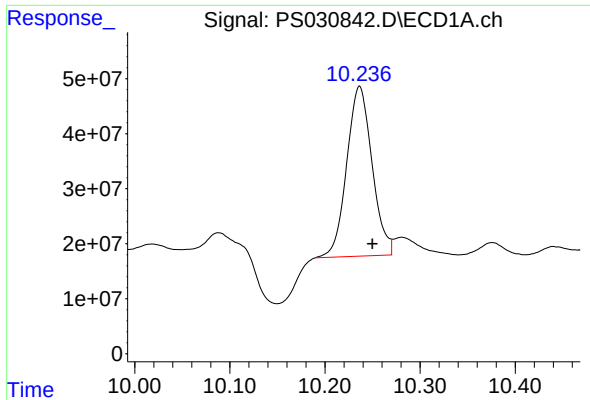
#12 2,4,5-T

R.T.: 9.657 min
Delta R.T.: -0.013 min
Response: 5036407024
Conc: 306.11 ng/ml



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: -0.003 min
Response: 4060079949
Conc: 297.12 ng/ml



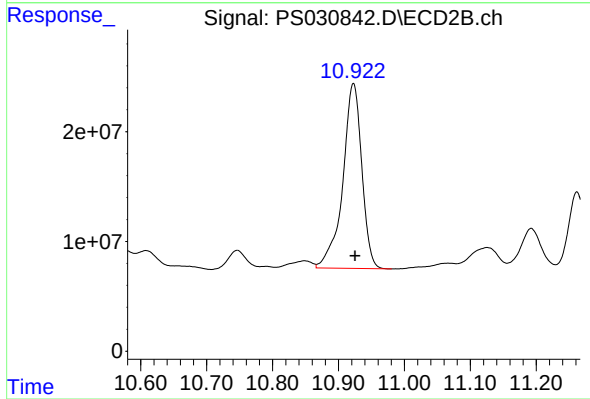
#13 2,4-DB

R.T.: 10.236 min
Delta R.T.: -0.014 min
Response: 572979194
Conc: 249.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMS

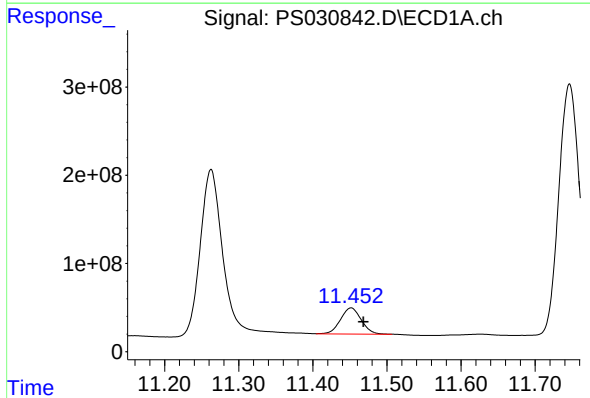
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



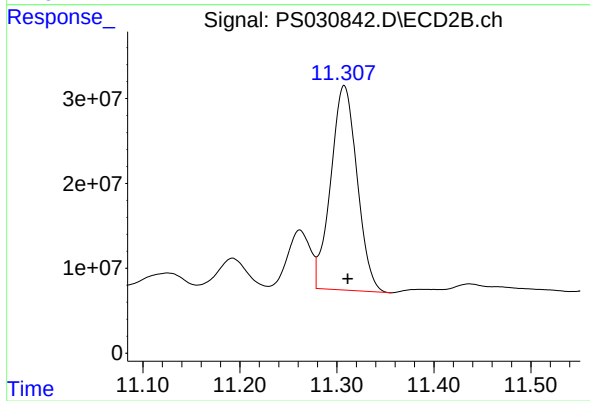
#13 2,4-DB

R.T.: 10.923 min
Delta R.T.: -0.002 min
Response: 337242310
Conc: 285.10 ng/ml



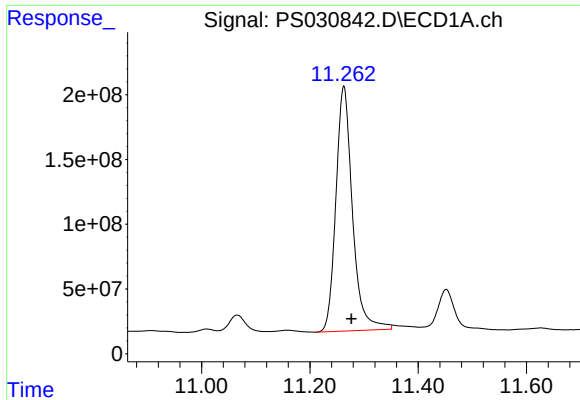
#14 DINOSEB

R.T.: 11.452 min
Delta R.T.: -0.017 min
Response: 579362383
Conc: 41.76 ng/ml m



#14 DINOSEB

R.T.: 11.308 min
Delta R.T.: -0.004 min
Response: 454297811
Conc: 42.14 ng/ml



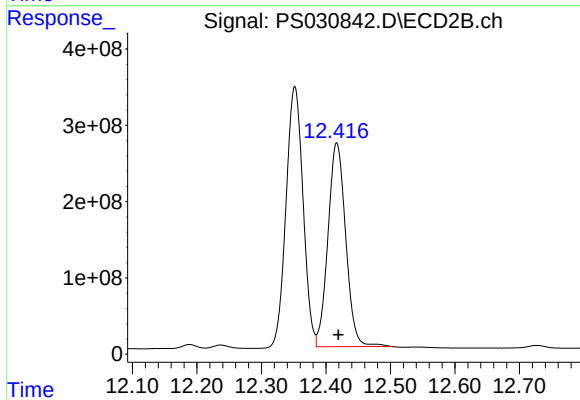
#15 Picloram

R.T.: 11.262 min
Delta R.T.: -0.014 min
Response: 4025886232
Conc: 250.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMS

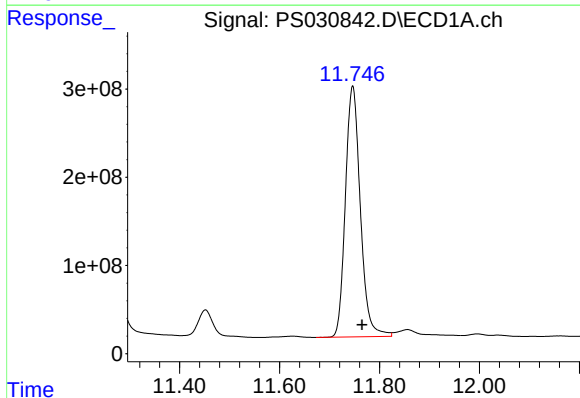
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



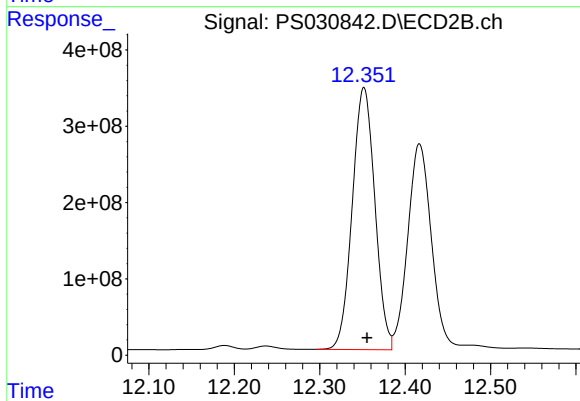
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.003 min
Response: 5105657354
Conc: 219.68 ng/ml



#16 DCPA

R.T.: 11.746 min
Delta R.T.: -0.019 min
Response: 5904604908
Conc: 230.50 ng/ml



#16 DCPA

R.T.: 12.351 min
Delta R.T.: -0.004 min
Response: 6332539723
Conc: 287.28 ng/ml m