

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
 Data File : PS030662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 00:50
 Operator : AR\AJ
 Sample : Q2126-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 06:20:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.354	7.767	1716.7E6	513.5E6	454.748	477.382
Target Compounds							
1) T	Dalapon	2.707	2.700	373.8E6	1844.4E6	66.202m	673.138 #
2) T	3,5-DICHL...	6.513	6.713	846.8E6	297.9E6	156.045	190.411
3) T	4-Nitroph...	7.154	7.299	291.8E6	264.4E6	159.102	168.727
5) T	DICAMBA	7.545	7.971	2630.8E6	1126.3E6	170.582	174.844m
6) T	MCP	7.723f	8.067	136.9E6	29179388	13.825m	12.623
7) T	MCPA	7.873f	8.313	179.7E6	45245313	14.160m	14.662m
8) T	DICHLORPROP	8.260	8.689	740.5E6	304.0E6	203.549	204.821
9) T	2,4-D	8.493	9.025	746.3E6	328.7E6	204.837	209.085
10) T	Pentachlo...	8.801	9.551	10604.4E6	7058.2E6	208.805m	195.313
11) T	2,4,5-TP ...	9.382	9.931	4126.8E6	2732.5E6	199.698	199.211
12) T	2,4,5-T	9.677	10.357	3124.9E6	2559.1E6	169.547	195.993
13) T	2,4-DB	10.257	10.925	413.2E6	240.0E6	136.070m	208.745 #
14) T	DINOSEB	11.476	11.310	2465.1E6	1693.5E6	171.487m	168.501
15) T	Picloram	11.283	12.418	2728.7E6	3135.1E6	136.402m	141.961
16) T	DCPA	11.770f	12.355	3605.3E6	3735.6E6	136.359	182.555 #

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

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Acq On : 13 Jun 2025 00:50
Operator : AR\AJ
Sample : Q2126-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

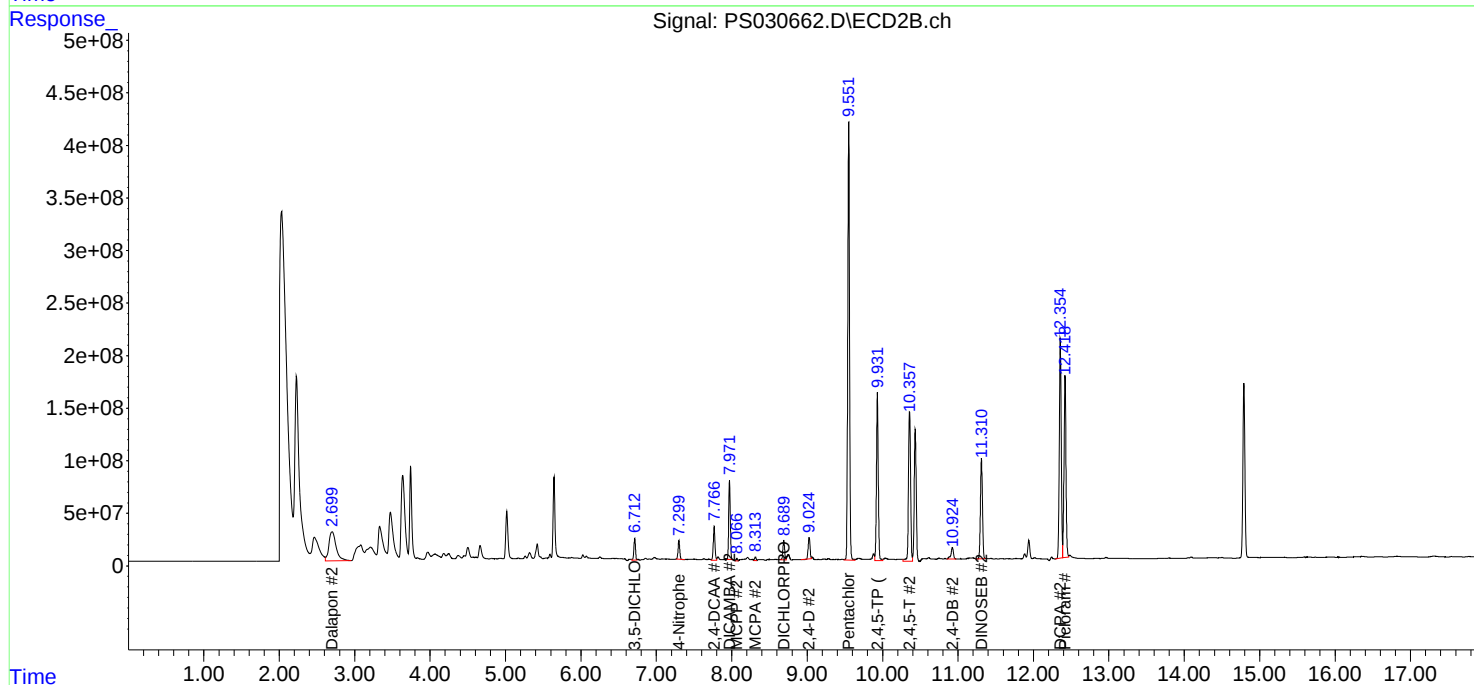
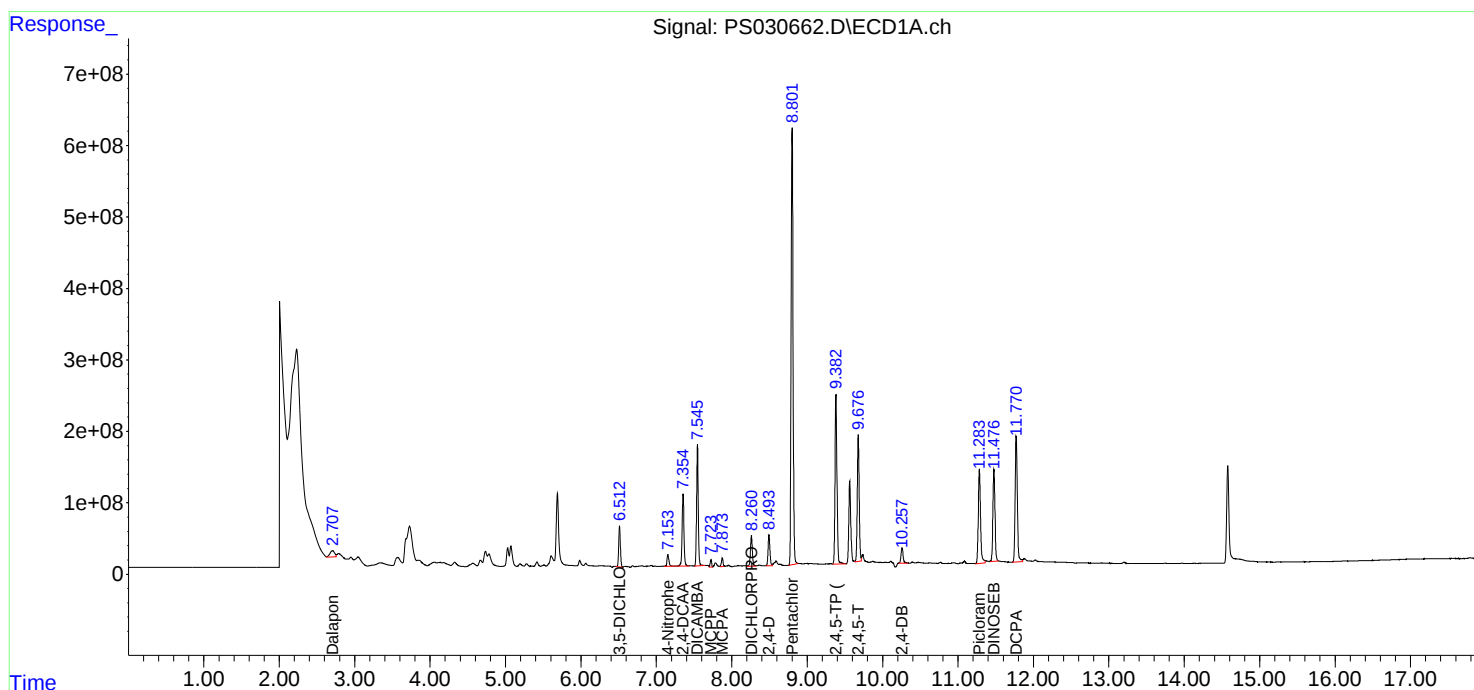
Instrument :
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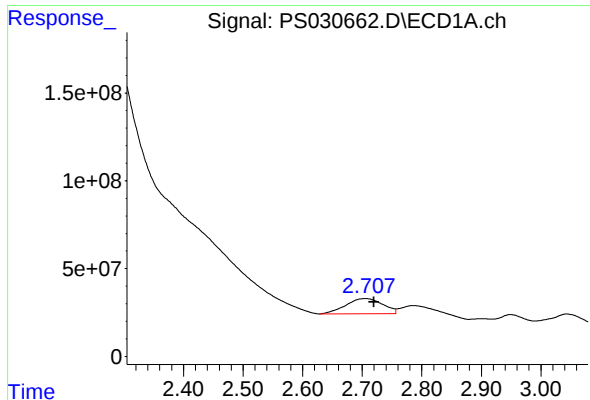
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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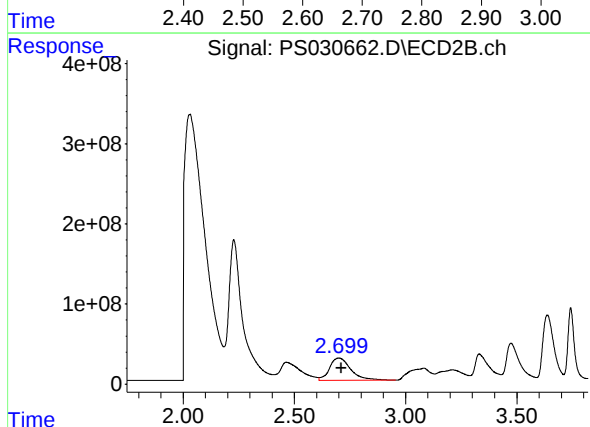
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: -0.013 min
Response: 373843175
Conc: 66.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT2-2025

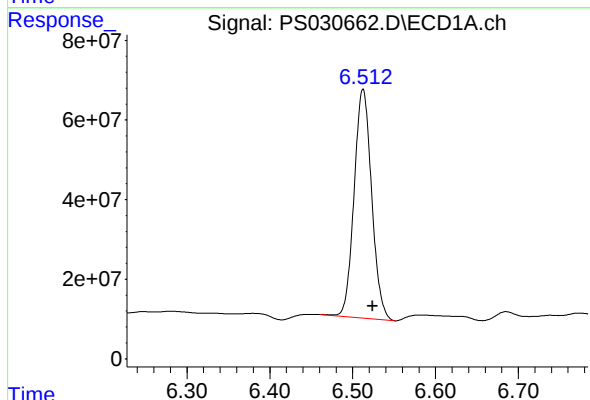
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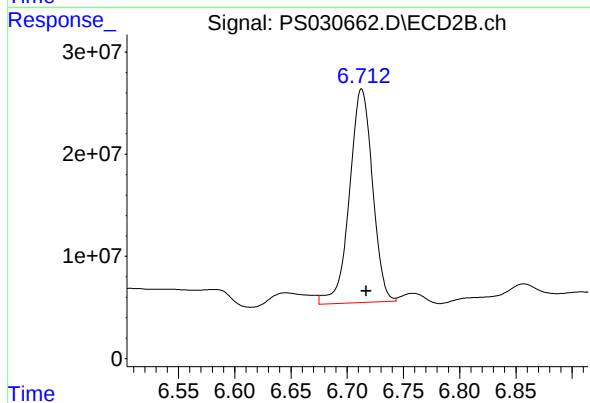
#1 Dalapon

R.T.: 2.700 min
Delta R.T.: -0.010 min
Response: 1844408539
Conc: 673.14 ng/ml



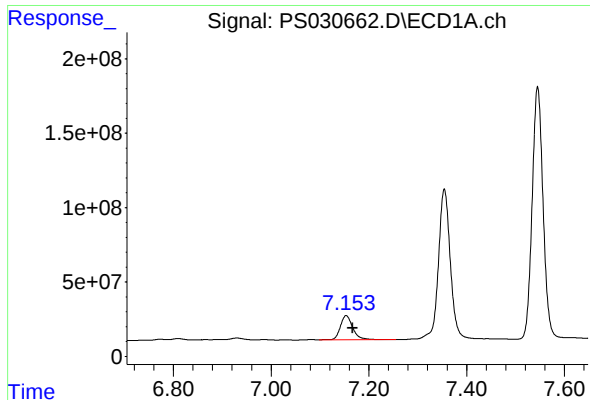
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 846756376
Conc: 156.05 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.004 min
Response: 297850020
Conc: 190.41 ng/ml



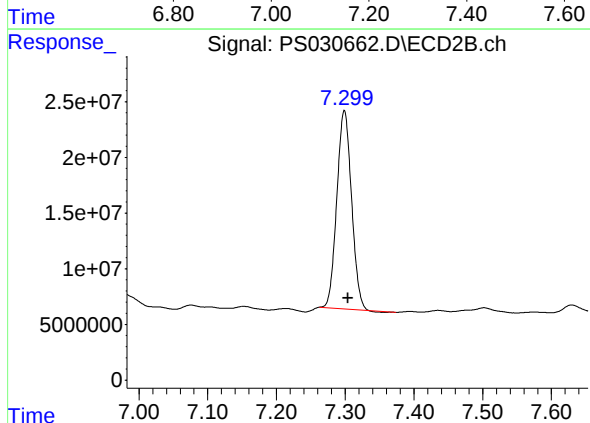
#3 4-Nitrophenol

R.T.: 7.154 min
Delta R.T.: -0.013 min
Response: 291754174
Conc: 159.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT2-2025

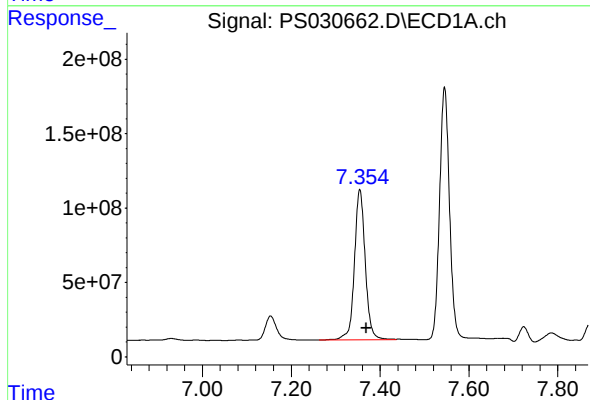
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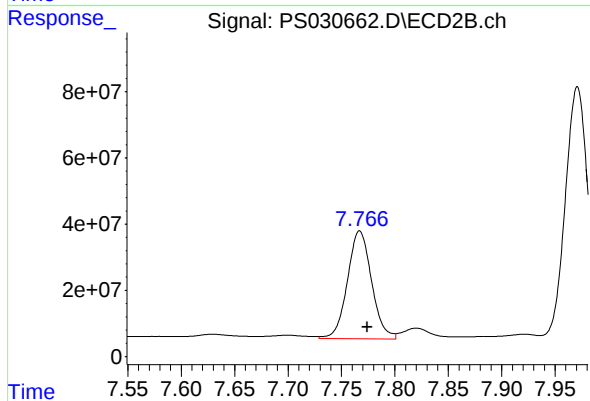
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: -0.005 min
Response: 264436767
Conc: 168.73 ng/ml



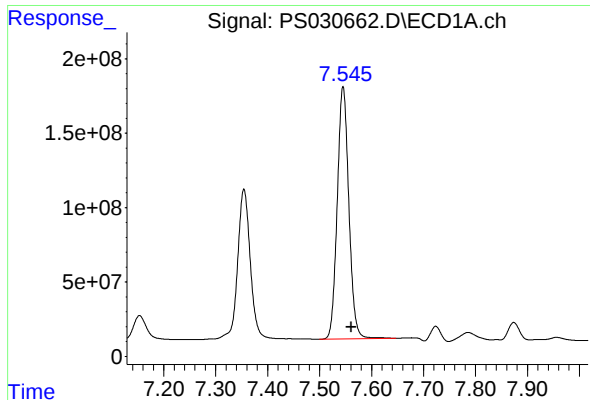
#4 2,4-DCAA

R.T.: 7.354 min
Delta R.T.: -0.015 min
Response: 1716739583
Conc: 454.75 ng/ml



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.007 min
Response: 513476768
Conc: 477.38 ng/ml



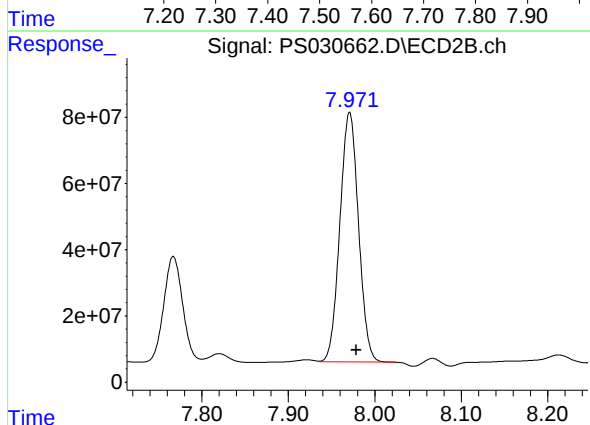
#5 DICAMBA

R.T.: 7.545 min
Delta R.T.: -0.016 min
Response: 2630801949
Conc: 170.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT2-2025

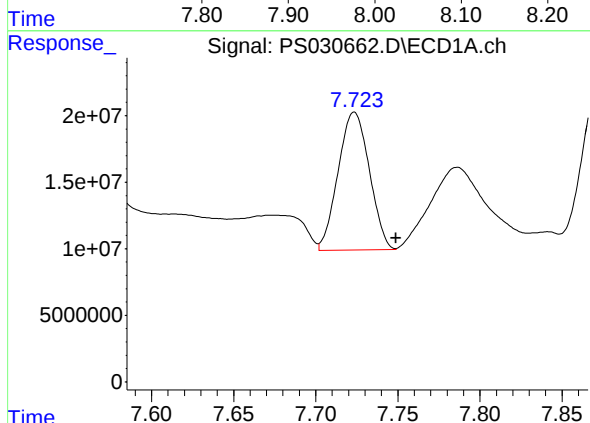
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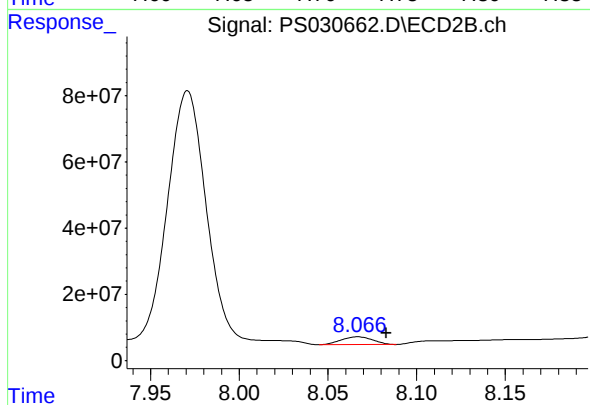
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: -0.008 min
Response: 1126281708
Conc: 174.84 ng/ml m



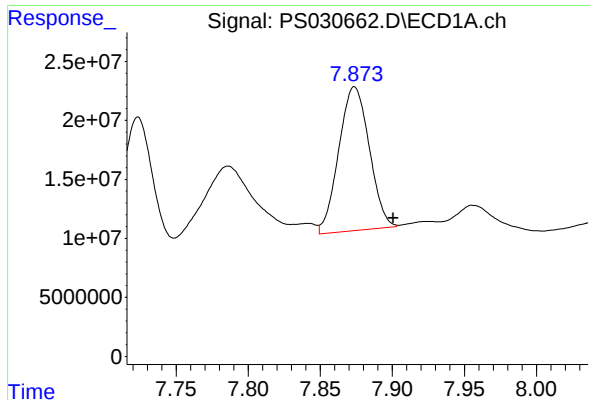
#6 MCPP

R.T.: 7.723 min
Delta R.T.: -0.026 min
Response: 136932345
Conc: 13.82 ug/ml m



#6 MCPP

R.T.: 8.067 min
Delta R.T.: -0.016 min
Response: 29179388
Conc: 12.62 ug/ml



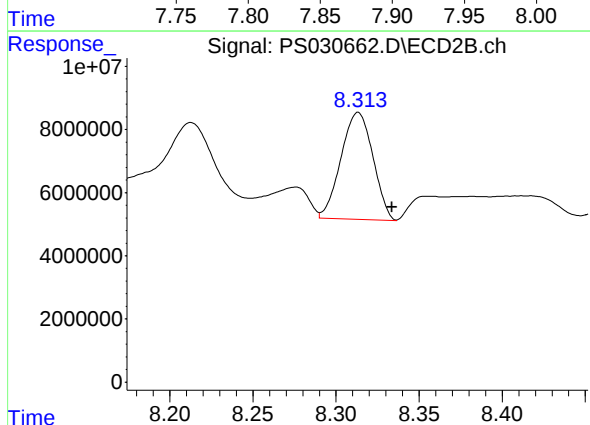
#7 MCPA

R.T.: 7.873 min
Delta R.T.: -0.027 min
Response: 179688064
Conc: 14.16 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT2-2025

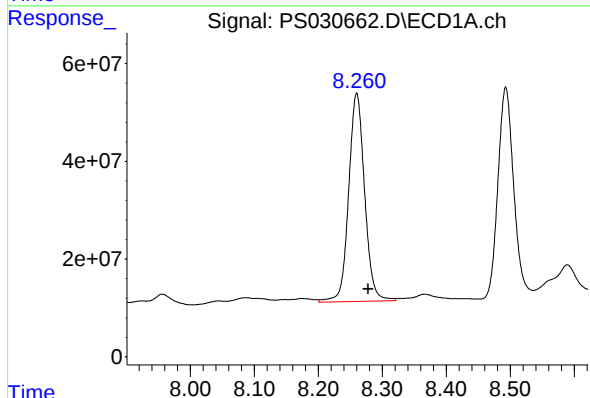
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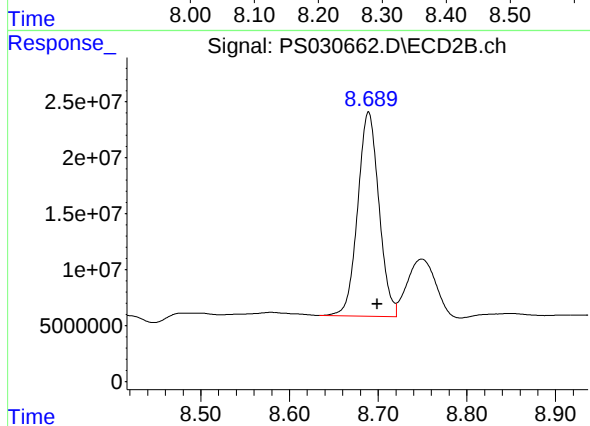
#7 MCPA

R.T.: 8.313 min
Delta R.T.: -0.021 min
Response: 45245313
Conc: 14.66 ug/ml



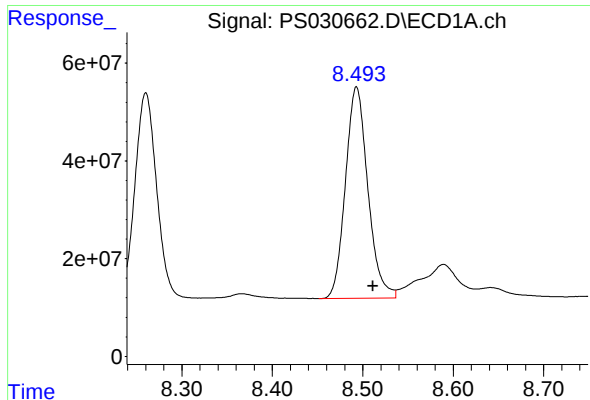
#8 DICHLORPROP

R.T.: 8.260 min
Delta R.T.: -0.018 min
Response: 740539723
Conc: 203.55 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.010 min
Response: 303995848
Conc: 204.82 ng/ml



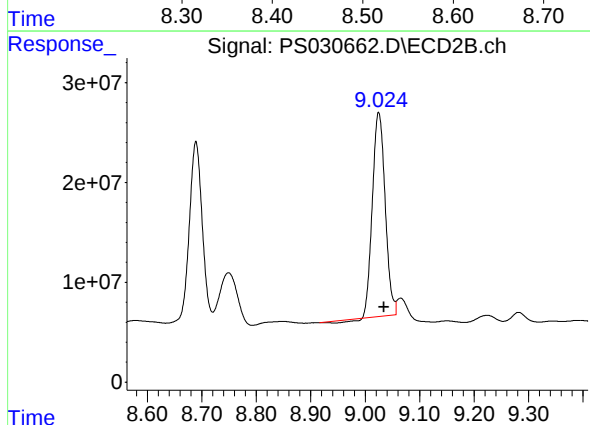
#9 2,4-D

R.T.: 8.493 min
Delta R.T.: -0.018 min
Response: 746345431
Conc: 204.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT2-2025

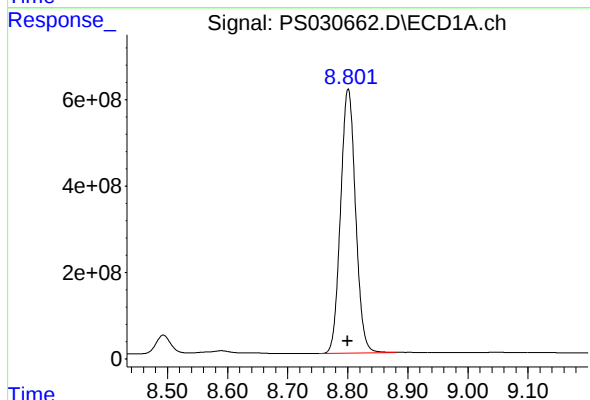
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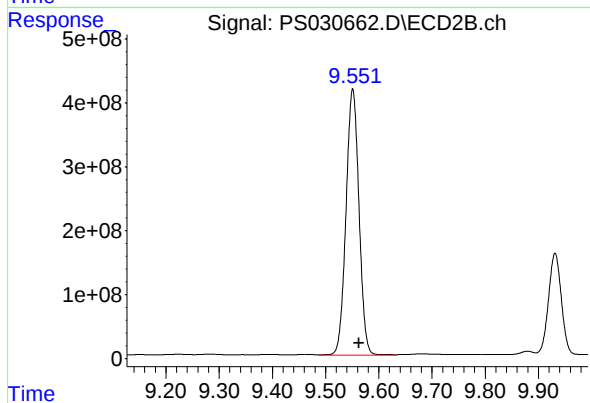
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.010 min
Response: 328748800
Conc: 209.09 ng/ml



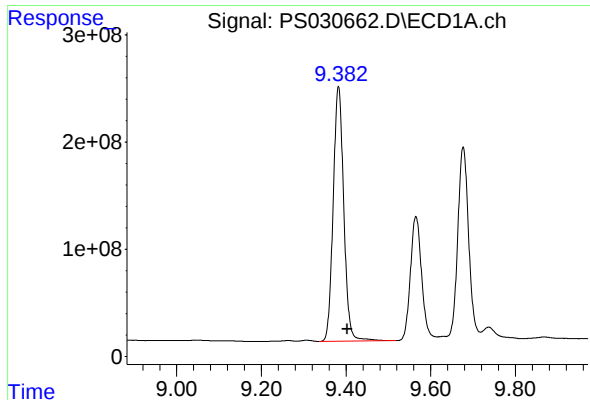
#10 Pentachlorophenol

R.T.: 8.801 min
Delta R.T.: 0.000 min
Response: 10604408769
Conc: 208.81 ng/ml m



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.012 min
Response: 7058240731
Conc: 195.31 ng/ml



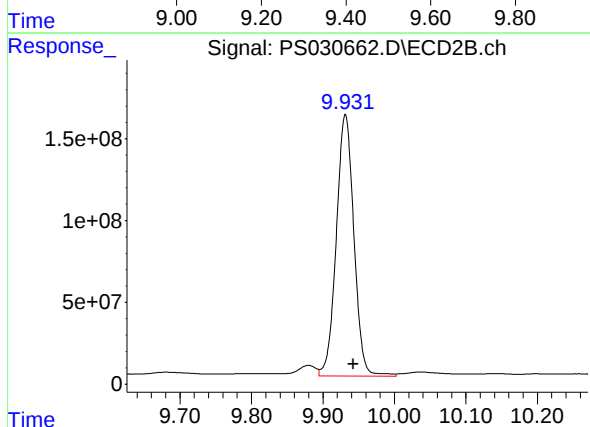
#11 2,4,5-TP (SILVEX)

R.T.: 9.382 min
Delta R.T.: -0.021 min
Response: 4126779516
Conc: 199.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT2-2025

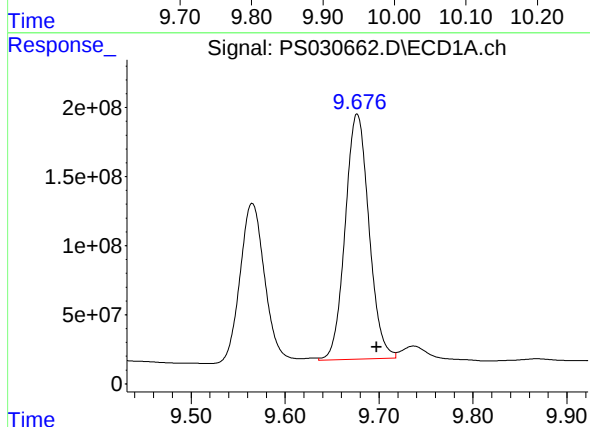
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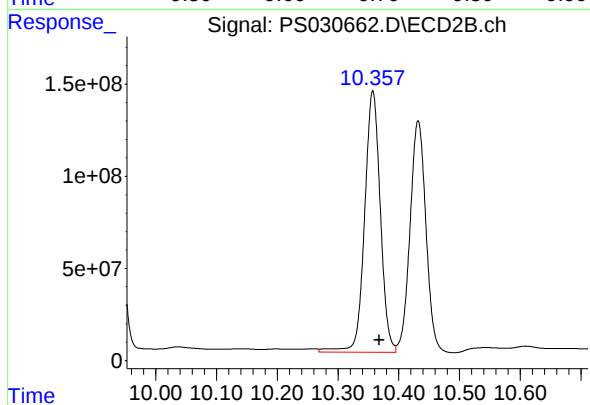
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: -0.011 min
Response: 2732520360
Conc: 199.21 ng/ml



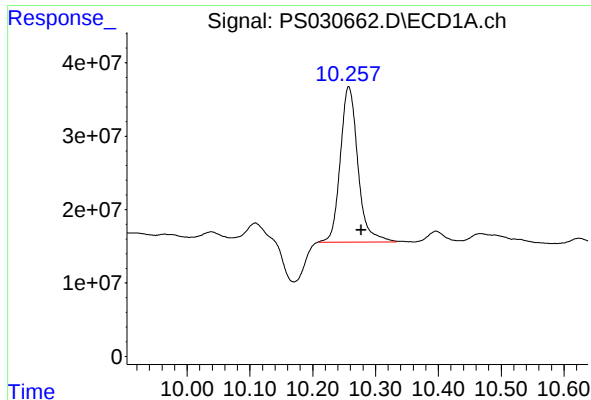
#12 2,4,5-T

R.T.: 9.677 min
Delta R.T.: -0.021 min
Response: 3124939671
Conc: 169.55 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.010 min
Response: 2559109927
Conc: 195.99 ng/ml



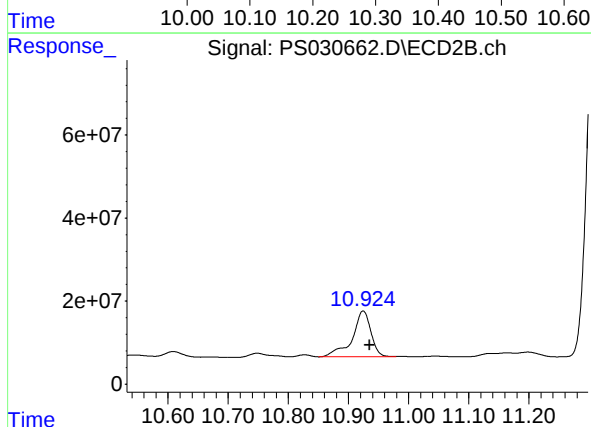
#13 2,4-DB

R.T.: 10.257 min
Delta R.T.: -0.021 min
Response: 413159080
Conc: 136.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
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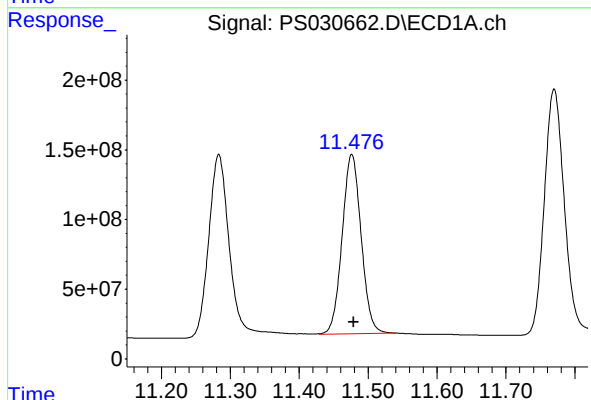
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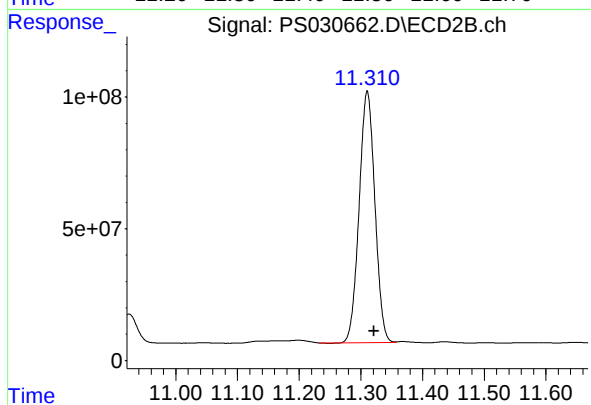
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: -0.010 min
Response: 239963146
Conc: 208.74 ng/ml



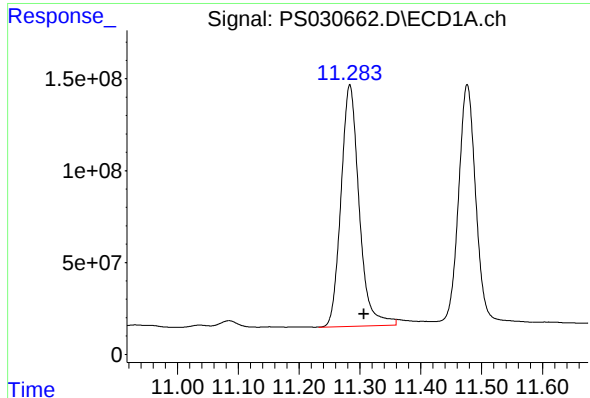
#14 DINOSEB

R.T.: 11.476 min
Delta R.T.: -0.003 min
Response: 2465120682
Conc: 171.49 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: -0.011 min
Response: 1693456491
Conc: 168.50 ng/ml



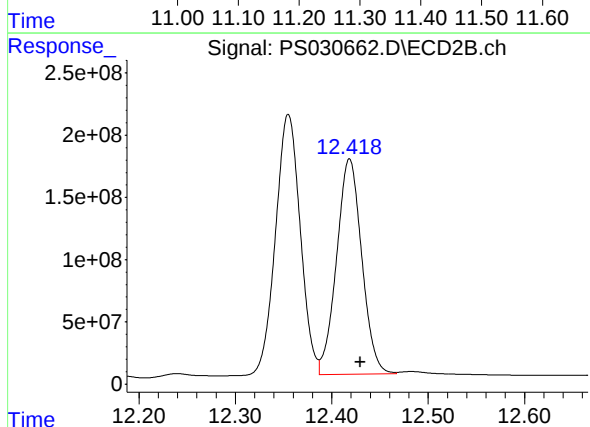
#15 Picloram

R.T.: 11.283 min
Delta R.T.: -0.023 min
Response: 2728704964
Conc: 136.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
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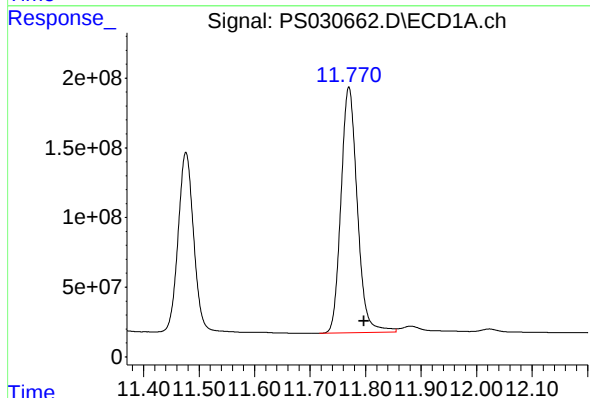
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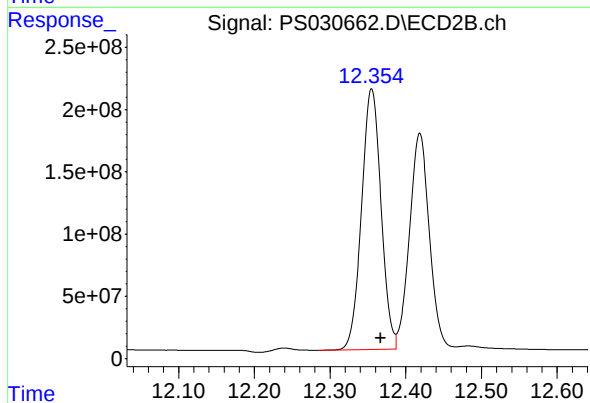
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.011 min
Response: 3135057653
Conc: 141.96 ng/ml



#16 DCPA

R.T.: 11.770 min
Delta R.T.: -0.027 min
Response: 3605339447
Conc: 136.36 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: -0.012 min
Response: 3735617823
Conc: 182.56 ng/ml