

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS012825\
 Data File : PS028970.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2025 17:05
 Operator : AR\AJ
 Sample : Q1168-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/29/2025
 Supervised By : Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 01:26:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011425.M
 Quant Title : 8080.M
 QLast Update : Tue Jan 14 12:25:39 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 x 0.5 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	7.197	7.676	1448.5E6	516.1E6	520.282	462.548
Target Compounds							
1) T	Dalapon	2.611	2.669	457.3E6	415.1E6	153.364m	203.463m#
2) T	3,5-DICHL...	6.374	6.641	777.4E6	277.4E6	194.509	167.839
3) T	4-Nitroph...	6.996	7.206	287.7E6	144.7E6	162.326	162.630
5) T	DICAMBA	7.382	7.872	2114.8E6	897.6E6	178.292	161.175
6) T	MCP	7.560	7.973	98000428	41433166	14.377	13.775
7) T	MCPA	7.707	8.213	154.9E6	65252301	15.724m	15.363
8) T	DICHLORPROP	8.086	8.584	617.8E6	250.0E6	194.963	177.884
9) T	2,4-D	8.316	8.911	709.0E6	283.7E6	209.797	189.207
10) T	Pentachlo...	8.611	9.434	9644.1E6	4192.0E6	199.932	180.954
11) T	2,4,5-TP ...	9.188	9.811	3932.3E6	1783.3E6	205.526	189.322
12) T	2,4,5-T	9.479	10.228	3600.9E6	1597.0E6	187.575	177.262
13) T	2,4-DB	10.052	10.792	505.0E6	175.3E6	142.355m	176.012
14) T	DINOSEB	11.252	11.169	2739.3E6	957.3E6	165.545	149.169
15) T	Picloram	11.064	12.253	4799.6E6	1711.8E6	152.118	127.559
16) T	DCPA	11.543	12.207	3764.4E6	1954.1E6	131.251	172.130m#

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

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Acq On : 28 Jan 2025 17:05
Operator : AR\AJ
Sample : Q1168-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

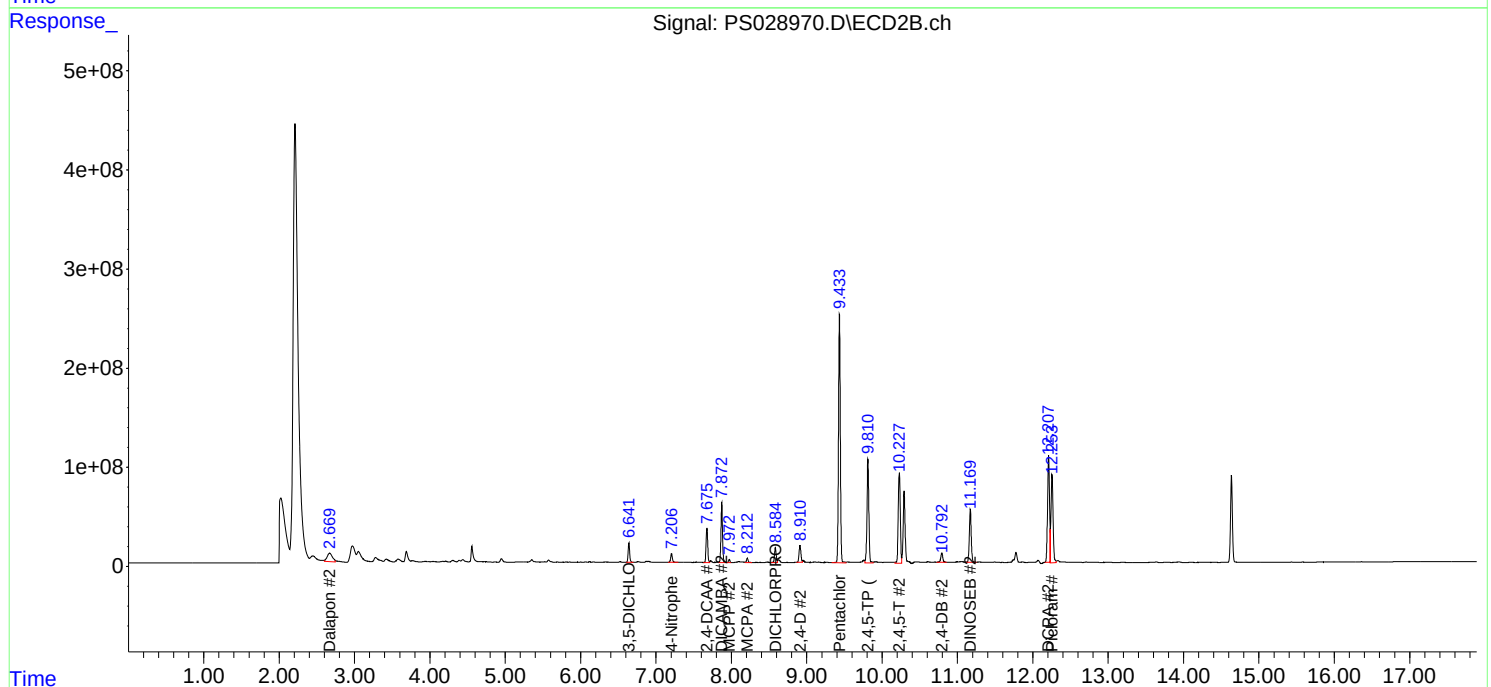
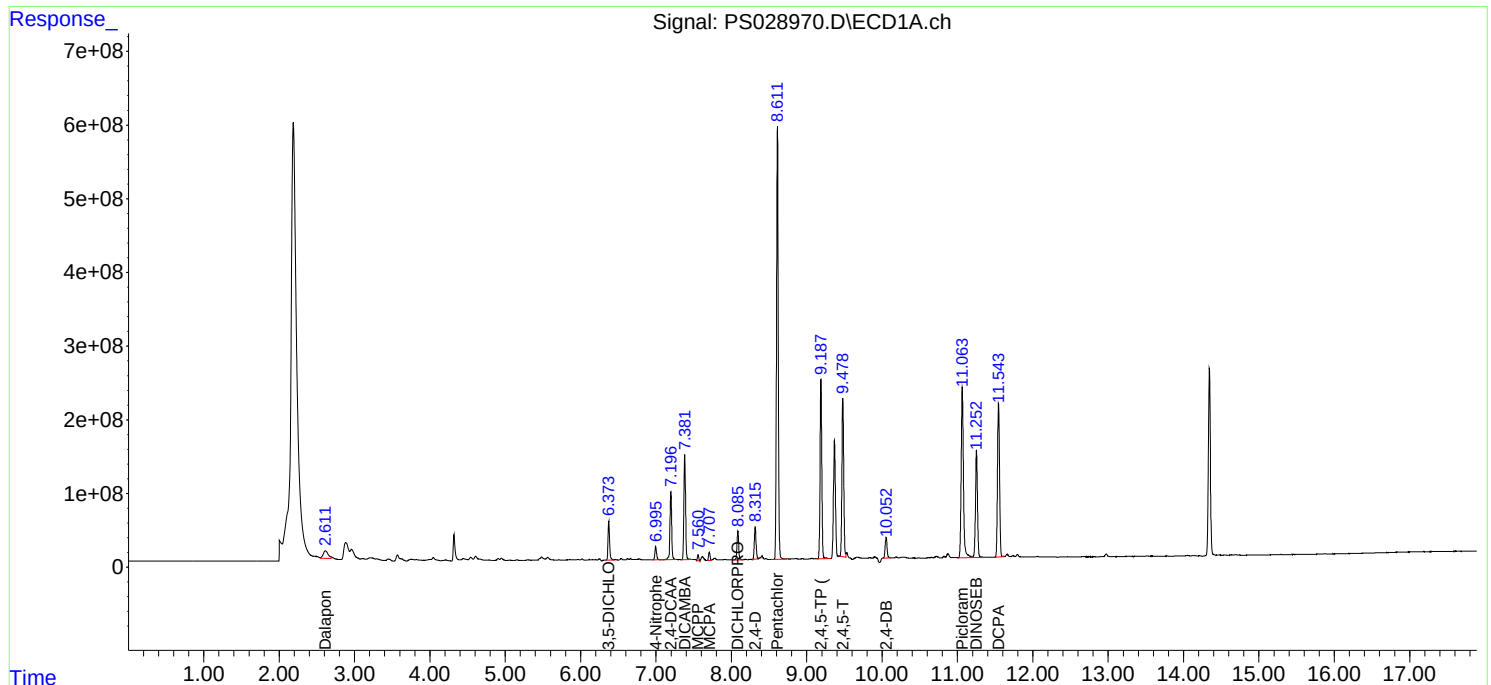
Instrument :
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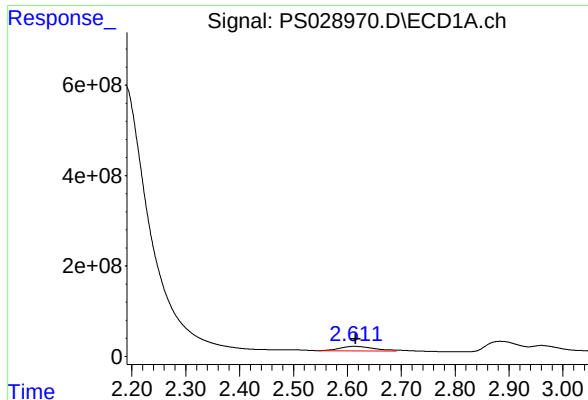
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Integration File signal 2: autoint2.e
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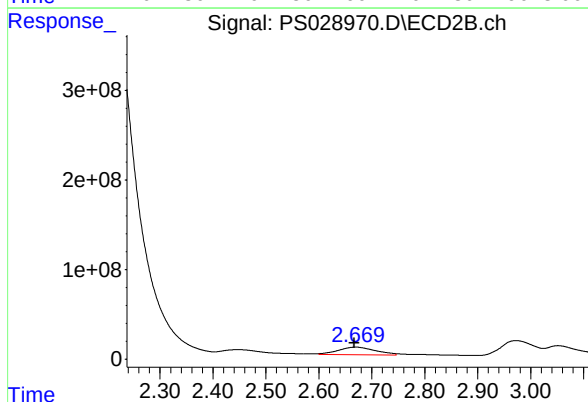
#1 Dalapon

R.T.: 2.611 min
Delta R.T.: -0.004 min
Response: 457291618
Conc: 153.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT1-2025

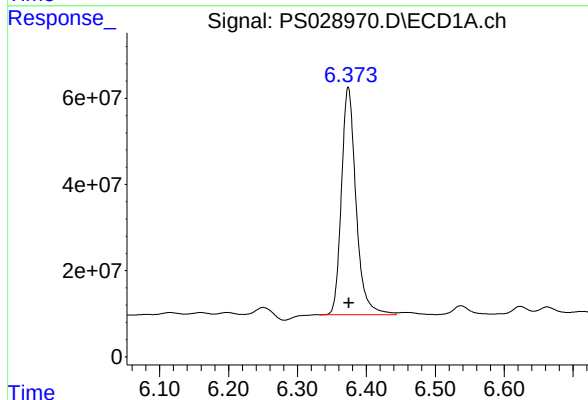
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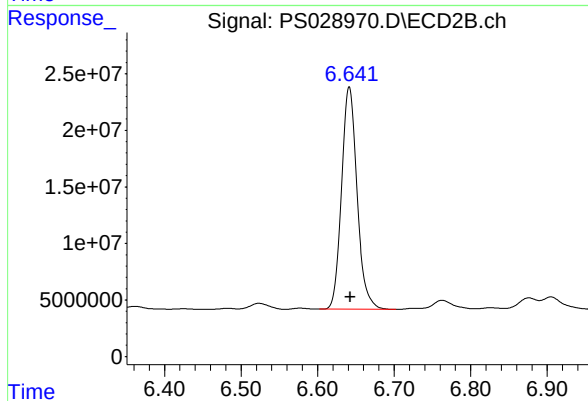
#1 Dalapon

R.T.: 2.669 min
Delta R.T.: 0.002 min
Response: 415095162
Conc: 203.46 ng/ml



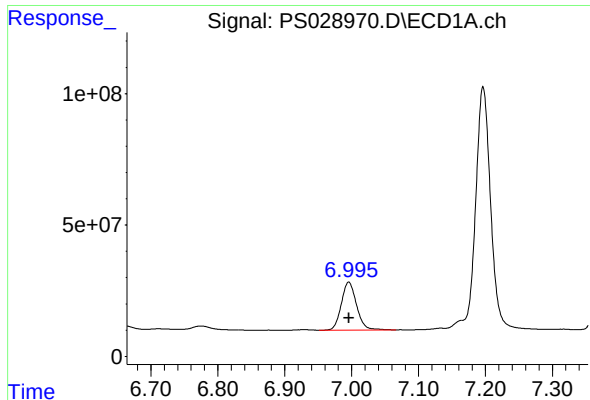
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 777421635
Conc: 194.51 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 277374842
Conc: 167.84 ng/ml



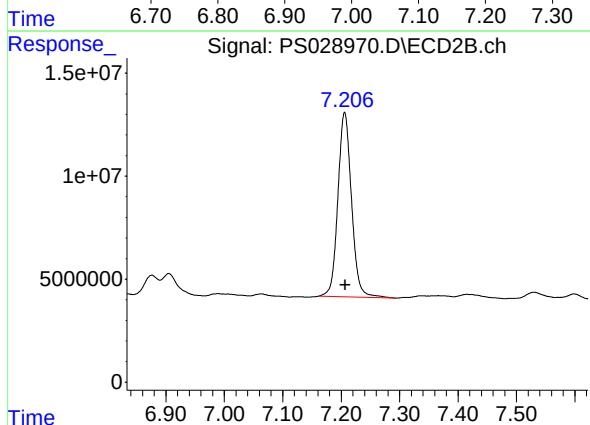
#3 4-Nitrophenol

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 287654803
Conc: 162.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
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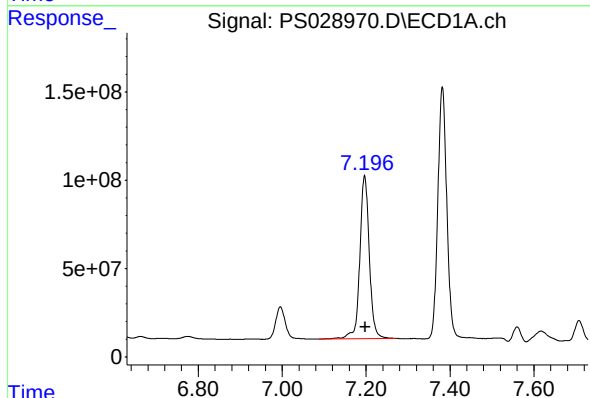
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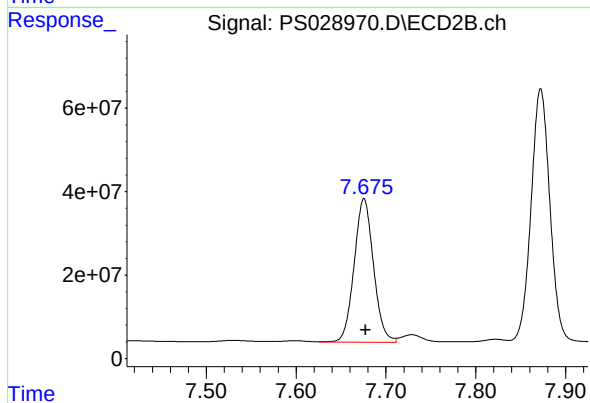
#3 4-Nitrophenol

R.T.: 7.206 min
Delta R.T.: -0.001 min
Response: 144704003
Conc: 162.63 ng/ml



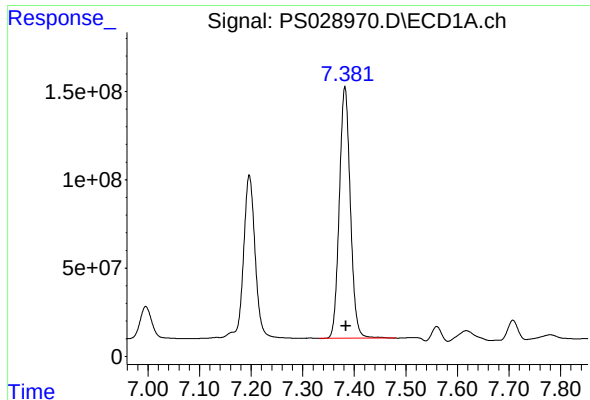
#4 2,4-DCAA

R.T.: 7.197 min
Delta R.T.: -0.001 min
Response: 1448472098
Conc: 520.28 ng/ml



#4 2,4-DCAA

R.T.: 7.676 min
Delta R.T.: -0.002 min
Response: 516116924
Conc: 462.55 ng/ml



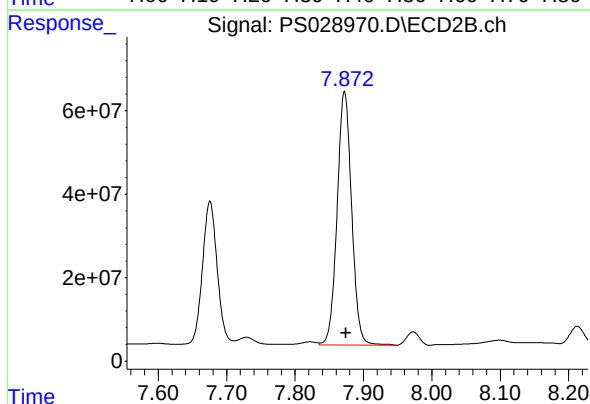
#5 DICAMBA

R.T.: 7.382 min
Delta R.T.: -0.002 min
Response: 2114802626
Conc: 178.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT1-2025

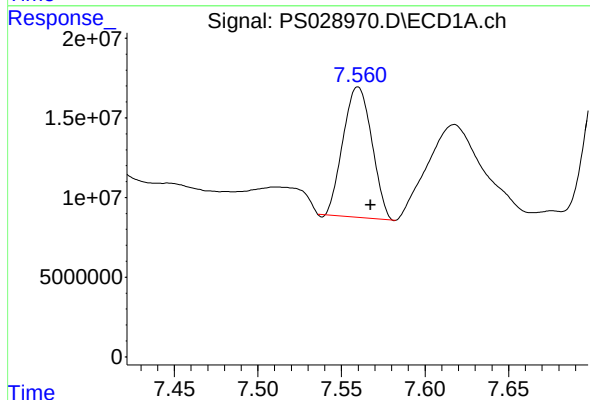
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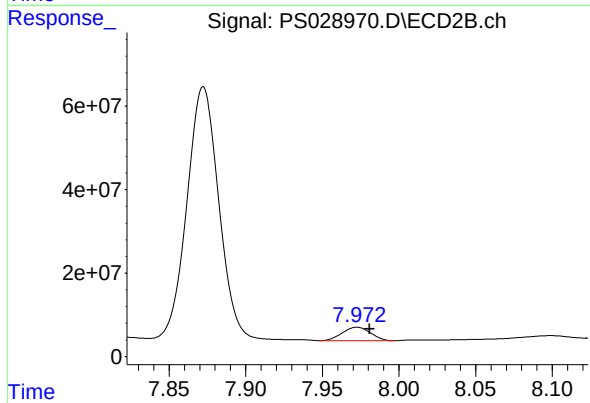
#5 DICAMBA

R.T.: 7.872 min
Delta R.T.: -0.002 min
Response: 897591137
Conc: 161.18 ng/ml



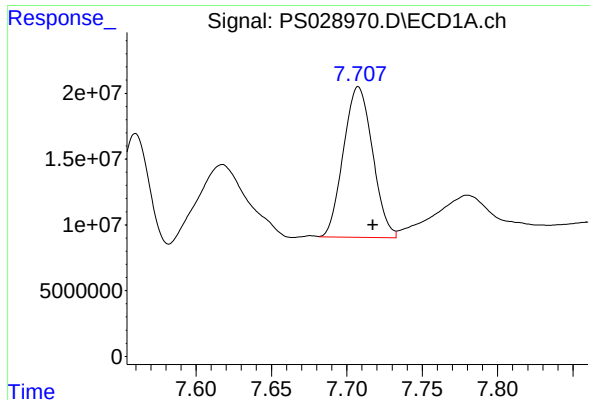
#6 MCPP

R.T.: 7.560 min
Delta R.T.: -0.007 min
Response: 98000428
Conc: 14.38 ug/ml



#6 MCPP

R.T.: 7.973 min
Delta R.T.: -0.008 min
Response: 41433166
Conc: 13.77 ug/ml



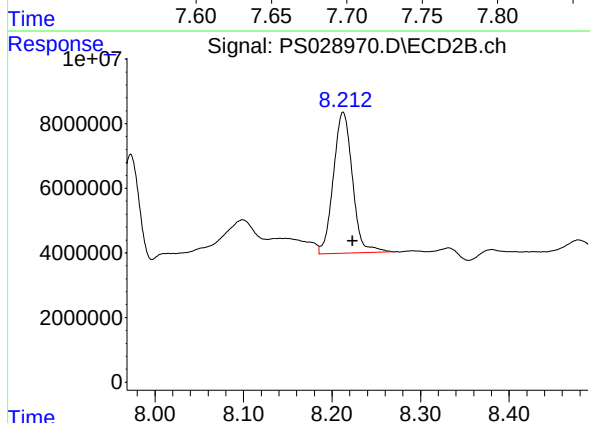
#7 MCPA

R.T.: 7.707 min
Delta R.T.: -0.010 min
Response: 154897396
Conc: 15.72 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT1-2025

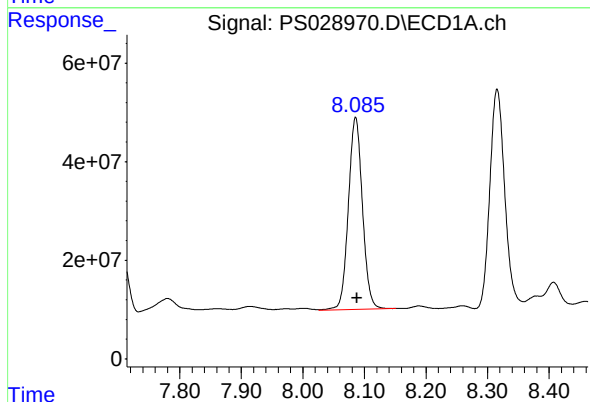
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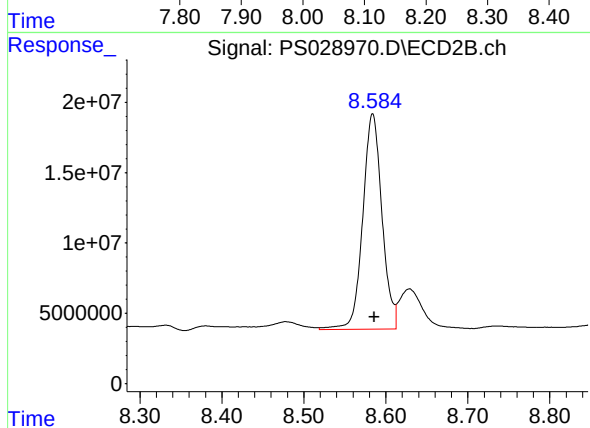
#7 MCPA

R.T.: 8.213 min
Delta R.T.: -0.011 min
Response: 65252301
Conc: 15.36 ug/ml



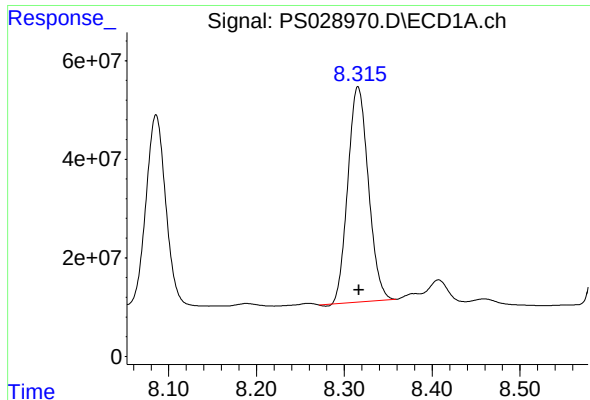
#8 DICHLORPROP

R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 617754425
Conc: 194.96 ng/ml



#8 DICHLORPROP

R.T.: 8.584 min
Delta R.T.: -0.002 min
Response: 250033603
Conc: 177.88 ng/ml



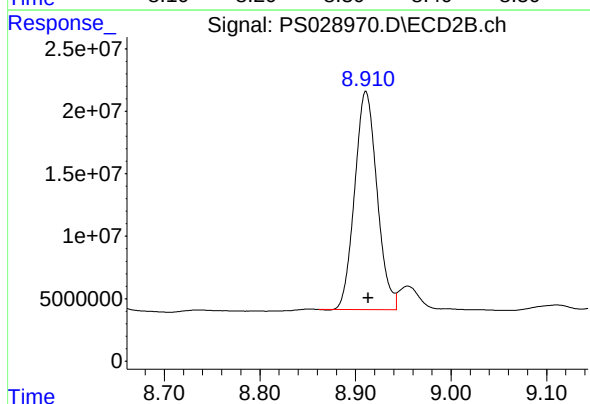
#9 2,4-D

R.T.: 8.316 min
Delta R.T.: -0.001 min
Response: 708997761
Conc: 209.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT1-2025

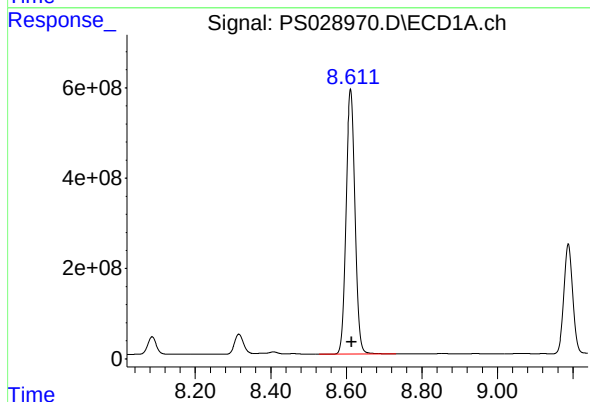
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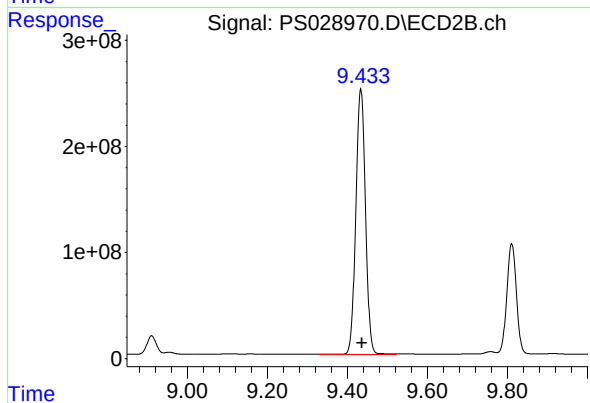
#9 2,4-D

R.T.: 8.911 min
Delta R.T.: -0.003 min
Response: 283719196
Conc: 189.21 ng/ml



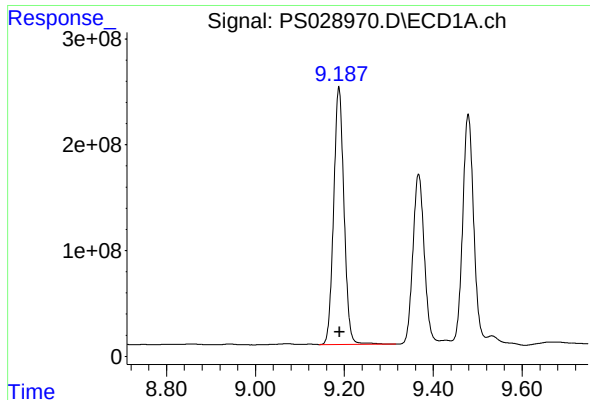
#10 Pentachlorophenol

R.T.: 8.611 min
Delta R.T.: -0.003 min
Response: 9644128201
Conc: 199.93 ng/ml



#10 Pentachlorophenol

R.T.: 9.434 min
Delta R.T.: -0.003 min
Response: 4191978393
Conc: 180.95 ng/ml



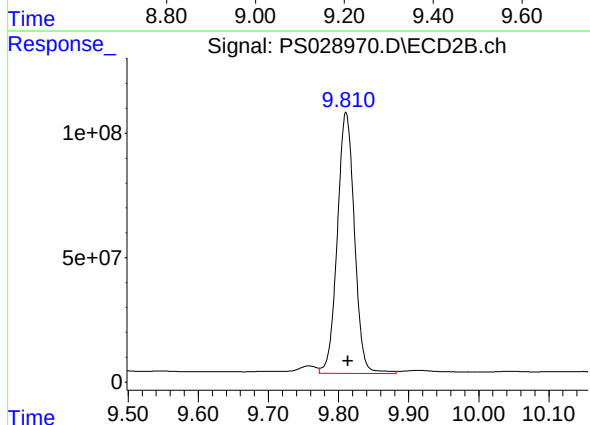
#11 2,4,5-TP (SILVEX)

R.T.: 9.188 min
Delta R.T.: -0.001 min
Response: 3932265760
Conc: 205.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
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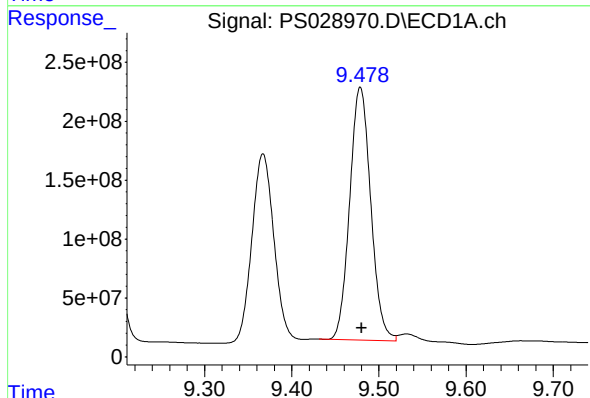
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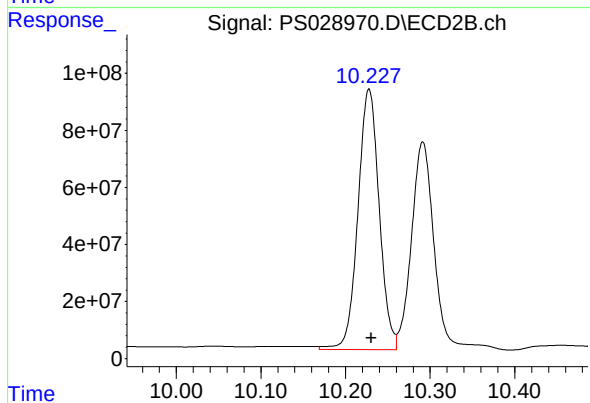
#11 2,4,5-TP (SILVEX)

R.T.: 9.811 min
Delta R.T.: -0.003 min
Response: 1783298140
Conc: 189.32 ng/ml



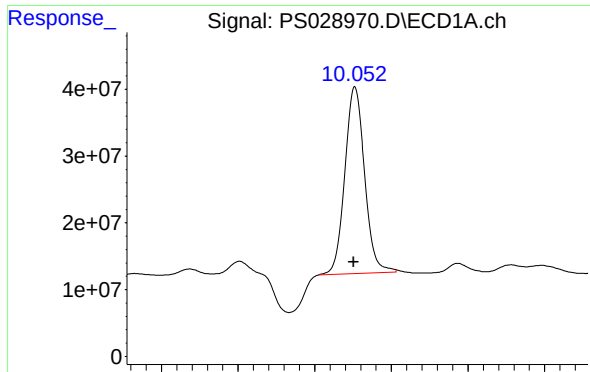
#12 2,4,5-T

R.T.: 9.479 min
Delta R.T.: -0.001 min
Response: 3600861112
Conc: 187.57 ng/ml



#12 2,4,5-T

R.T.: 10.228 min
Delta R.T.: -0.003 min
Response: 1596950640
Conc: 177.26 ng/ml



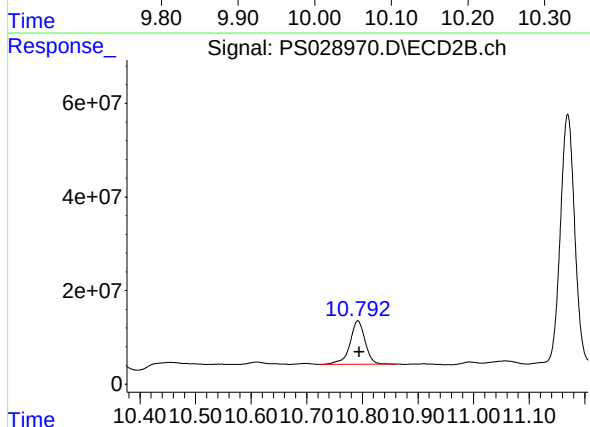
#13 2,4-DB

R.T.: 10.052 min
Delta R.T.: 0.000 min
Response: 504983742
Conc: 142.36 ng/ml

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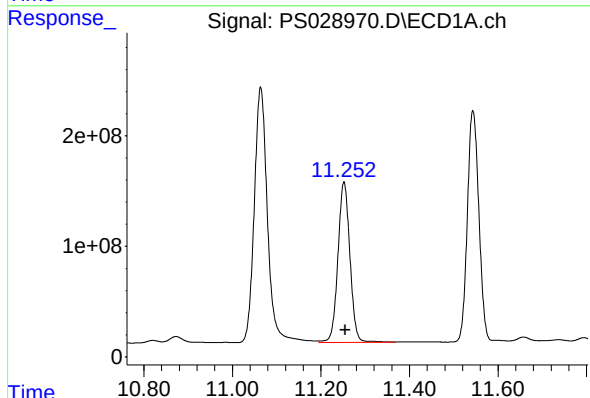
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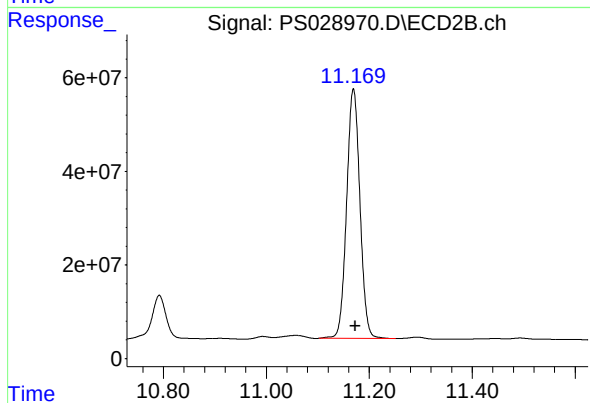
#13 2,4-DB

R.T.: 10.792 min
Delta R.T.: -0.003 min
Response: 175264906
Conc: 176.01 ng/ml



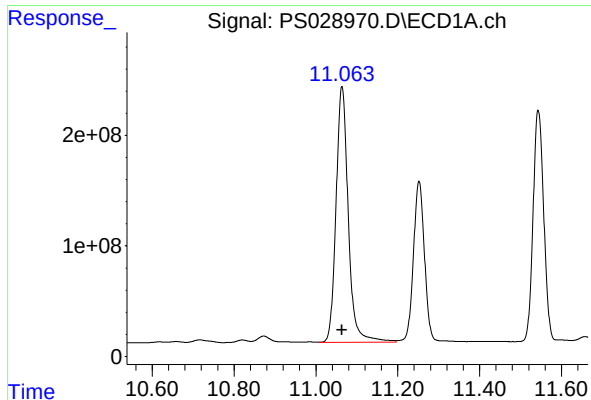
#14 DINOSEB

R.T.: 11.252 min
Delta R.T.: -0.003 min
Response: 2739319633
Conc: 165.54 ng/ml



#14 DINOSEB

R.T.: 11.169 min
Delta R.T.: -0.003 min
Response: 957267518
Conc: 149.17 ng/ml



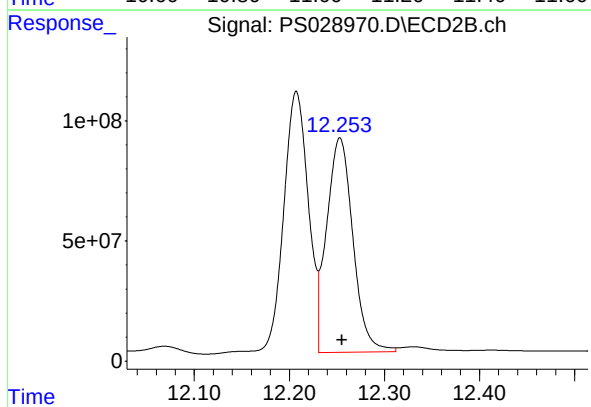
#15 Picloram

R.T.: 11.064 min
Delta R.T.: 0.000 min
Response: 4799648051
Conc: 152.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
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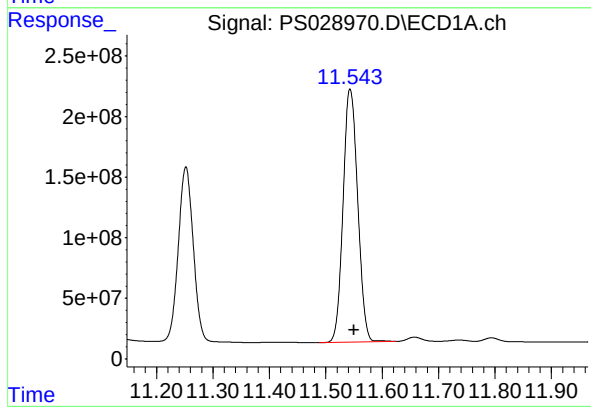
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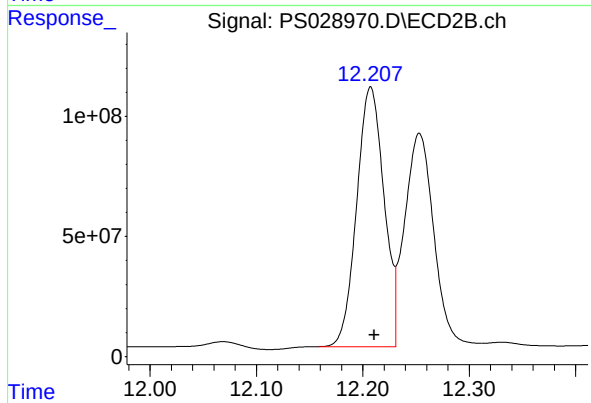
#15 Picloram

R.T.: 12.253 min
Delta R.T.: -0.002 min
Response: 1711800468
Conc: 127.56 ng/ml



#16 DCPA

R.T.: 11.543 min
Delta R.T.: -0.006 min
Response: 3764409337
Conc: 131.25 ng/ml



#16 DCPA

R.T.: 12.207 min
Delta R.T.: -0.004 min
Response: 1954077478
Conc: 172.13 ng/ml m