

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100623\
 Data File : PS024574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2023 20:00
 Operator : AR\AJ
 Sample : 04778-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOIL-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/09/2023
 Supervised By : Ankita Jodhani 10/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 02:27:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100323.M
 Quant Title : 8080.M
 QLast Update : Tue Oct 03 14:54:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	6.358	6.782	662.5E6	250.0E6	322.008	361.613m
Target Compounds							
1) T	Dalapon	2.475	2.539	874.3E6	438.0E6	353.885m	391.346m
2) T	3,5-DICHL...	5.733	5.968	686.0E6	225.8E6	218.709m	207.740
3) T	4-Nitroph...	6.196	6.395	504.2E6	151.9E6	372.468	332.958m
5) T	DICAMBA	6.500	6.943	2561.6E6	775.0E6	285.558	261.725
6) T	MCPD	6.648	7.037	80423497	24627061	12.694m	12.497
7) T	MCPA	6.770	7.244	187.6E6	71909369	21.047m	22.441
8) T	DICHLORPROP	7.079	7.560	1444.8E6	176.1E6	614.612	234.139 #
9) T	2,4-D	7.285	7.842	762.8E6	253.8E6	276.076	275.746
10) T	Pentachlo...	7.514	8.266	3618.9E6	1088.1E6	111.301	99.860
11) T	2,4,5-TP ...	8.036	8.624	1594.4E6	449.8E6	115.074	106.069
12) T	2,4,5-T	8.291	8.994	2355.2E6	689.3E6	180.263	167.157
13) T	2,4-DB	8.799	9.498	287.0E6	88832025	140.466	174.324
15) T	Picloram	9.675	10.777	6404.9E6	2167.7E6	367.331	348.827
16) T	DCPA	10.115	10.748	7432.9E6	2149.3E6	436.645	411.938

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

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Operator : AR\AJ
Sample : 04778-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

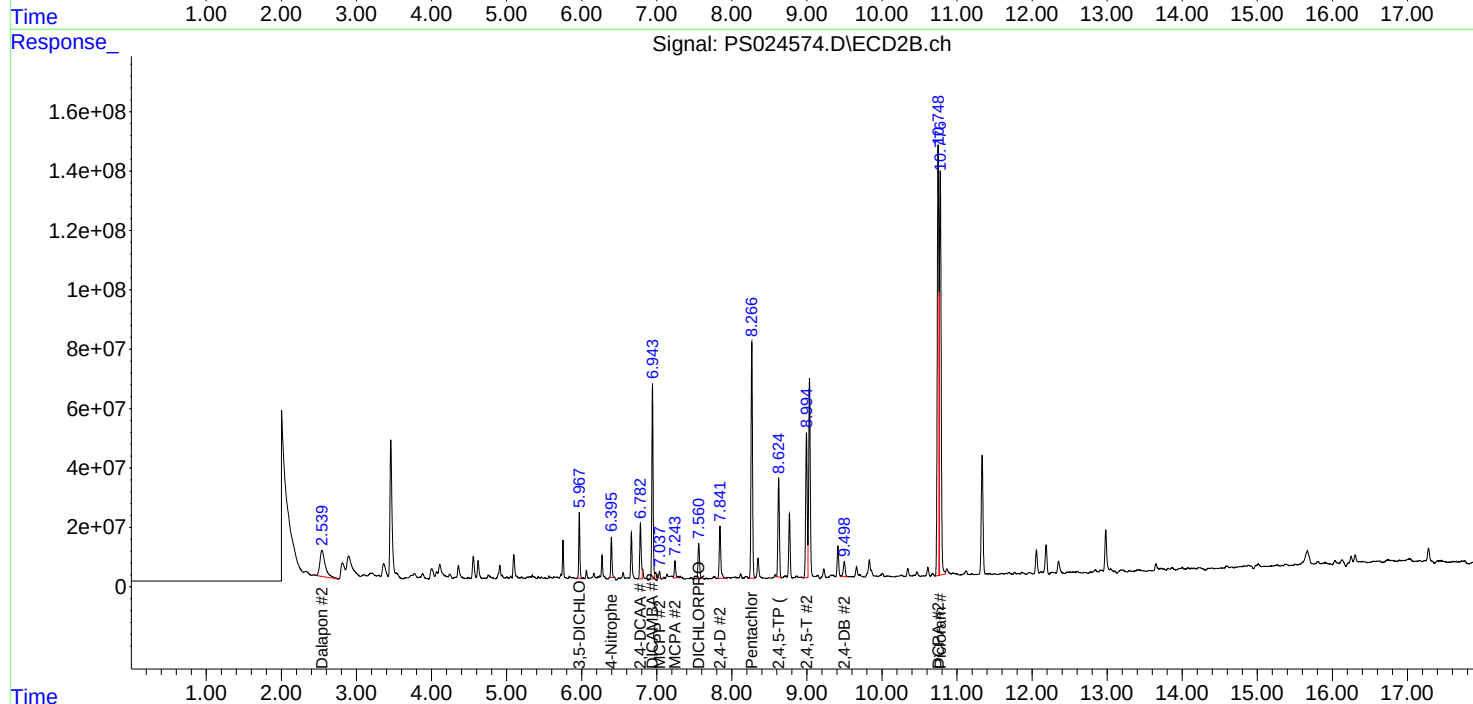
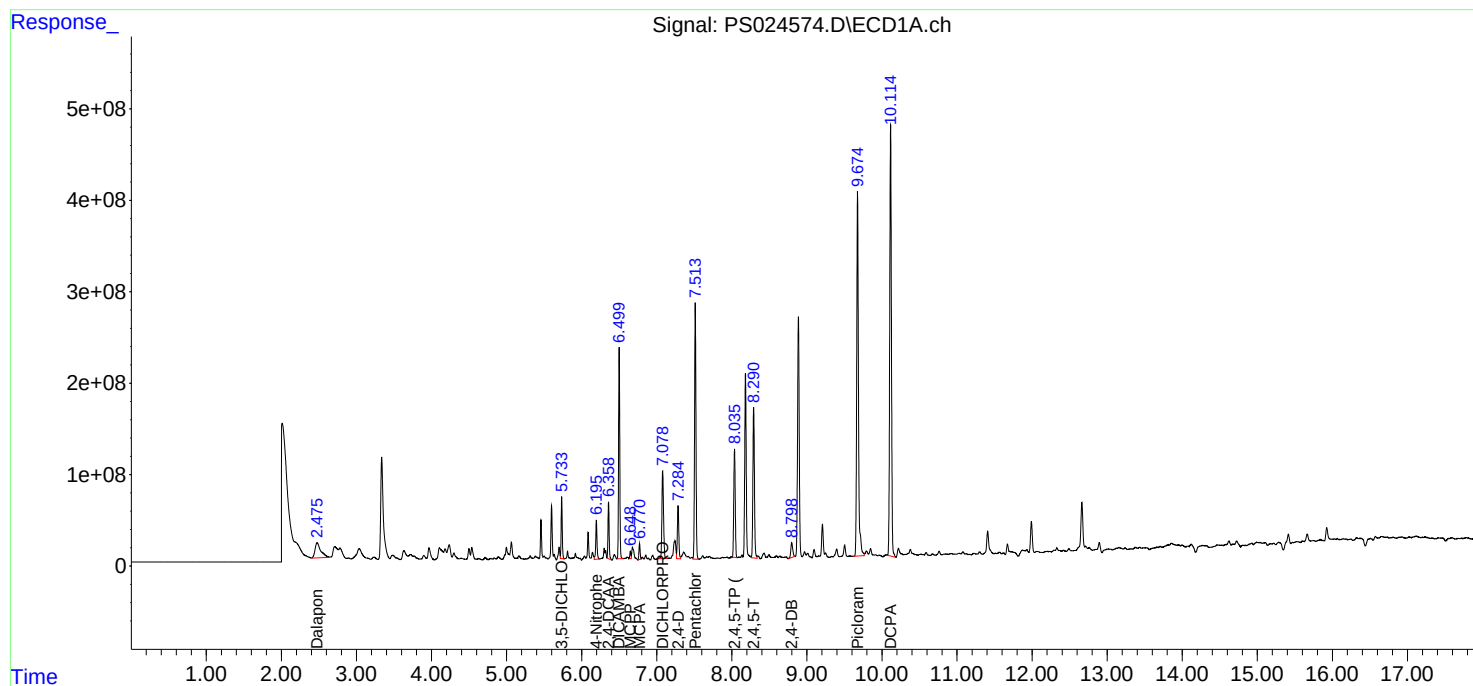
Instrument :
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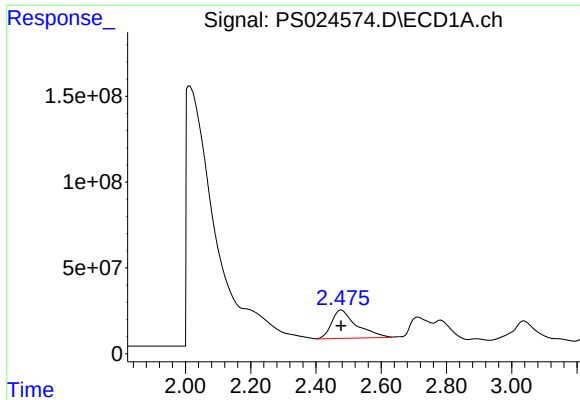
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Supervised By :Ankita Jodhani 10/09/2023

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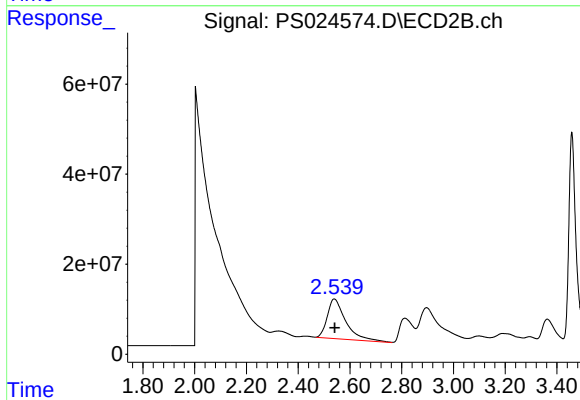
#1 Dalapon

R.T.: 2.475 min
Delta R.T.: -0.002 min
Response: 874292565
Conc: 353.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-1MS

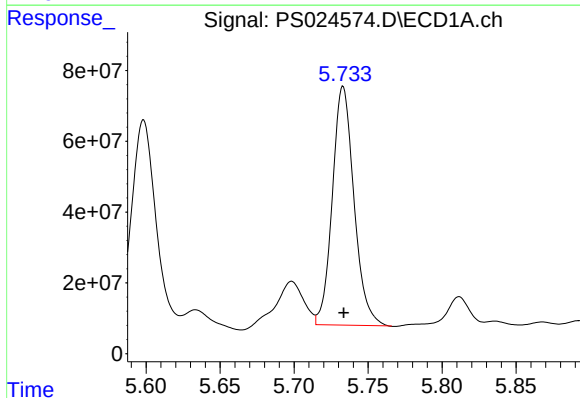
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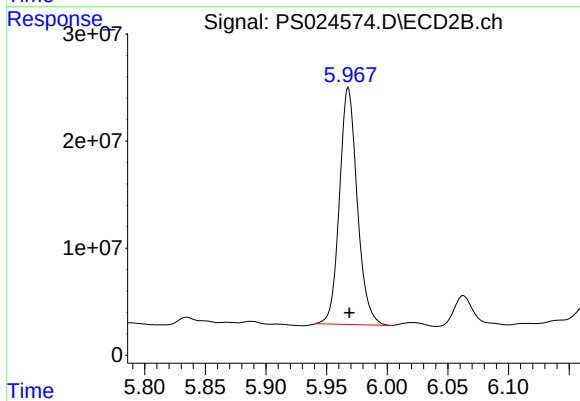
#1 Dalapon

R.T.: 2.539 min
Delta R.T.: -0.003 min
Response: 437968095
Conc: 391.35 ng/ml m



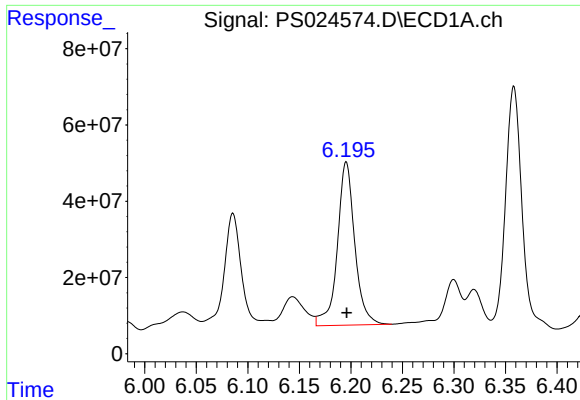
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 686041865
Conc: 218.71 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 225750742
Conc: 207.74 ng/ml



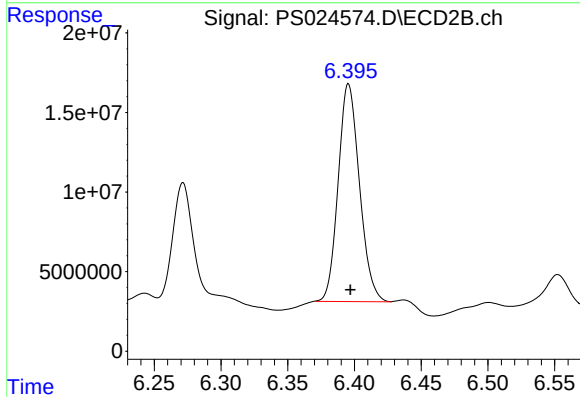
#3 4-Nitrophenol

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 504200354
Conc: 372.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-1MS

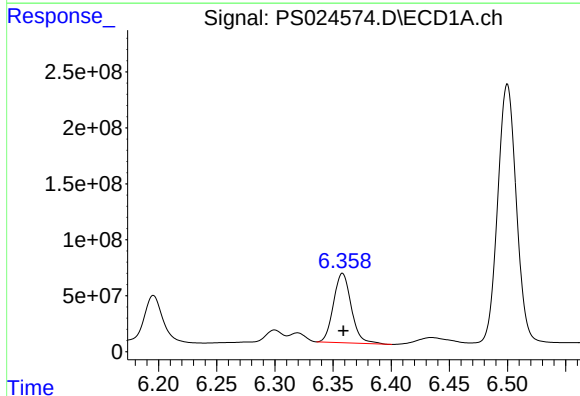
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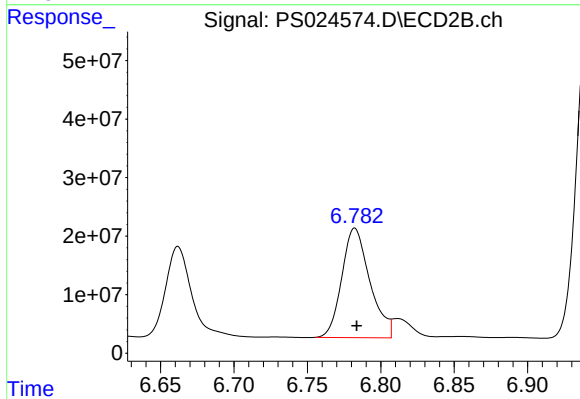
#3 4-Nitrophenol

R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 151874559
Conc: 332.96 ng/ml m



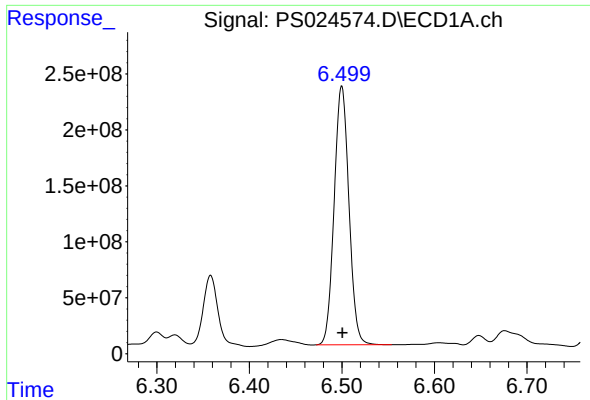
#4 2,4-DCAA

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 662476376
Conc: 322.01 ng/ml



#4 2,4-DCAA

R.T.: 6.782 min
Delta R.T.: -0.002 min
Response: 249979732
Conc: 361.61 ng/ml m



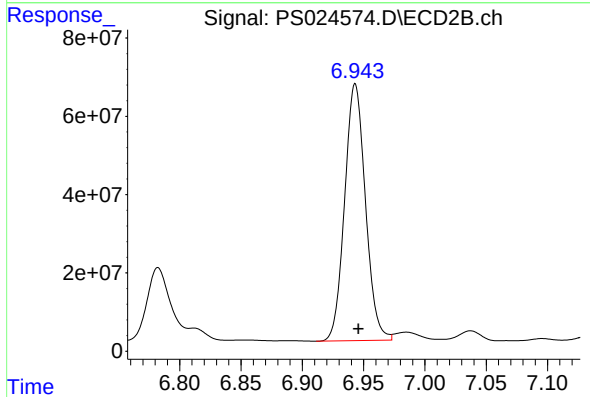
#5 DICAMBA

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 2561639190
Conc: 285.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-1MS

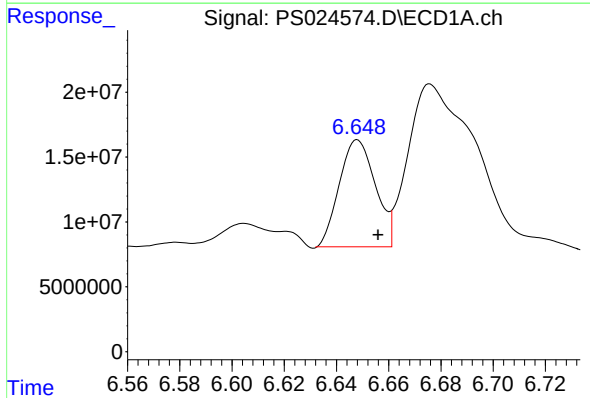
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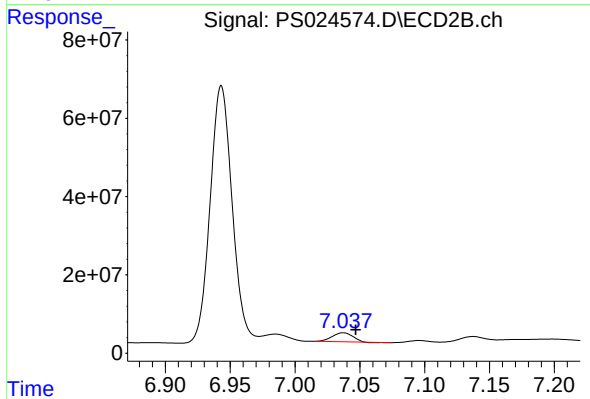
#5 DICAMBA

R.T.: 6.943 min
Delta R.T.: -0.002 min
Response: 775047344
Conc: 261.73 ng/ml



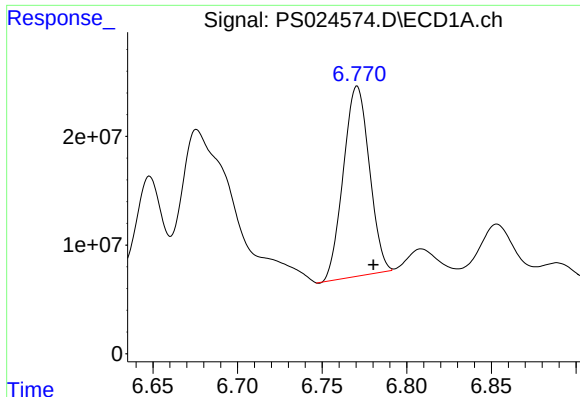
#6 MCP

R.T.: 6.648 min
Delta R.T.: -0.008 min
Response: 80423497
Conc: 12.69 ug/ml m



#6 MCP

R.T.: 7.037 min
Delta R.T.: -0.010 min
Response: 24627061
Conc: 12.50 ug/ml



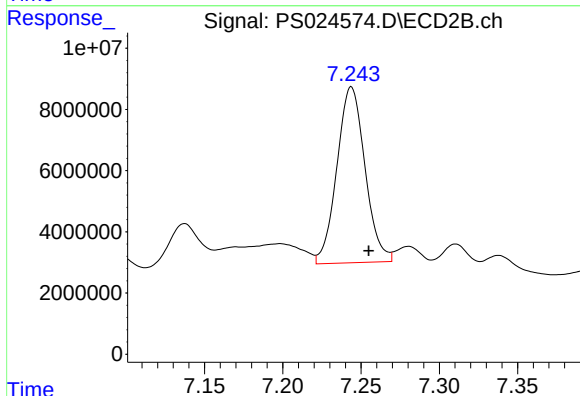
#7 MCPA

R.T.: 6.770 min
Delta R.T.: -0.010 min
Response: 187577110
Conc: 21.05 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-1MS

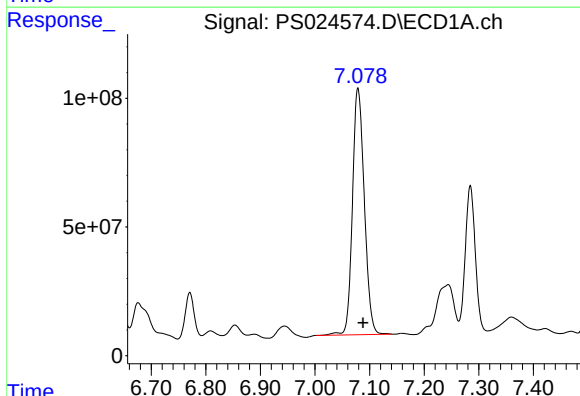
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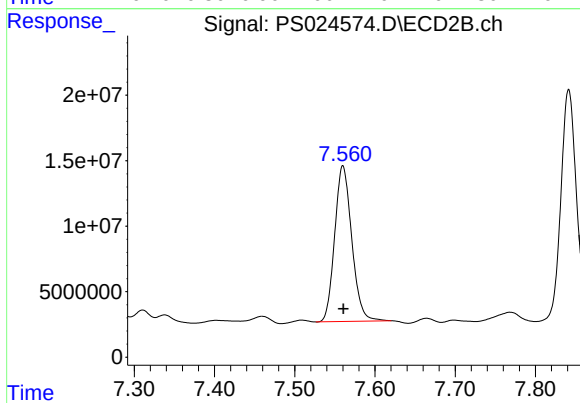
#7 MCPA

R.T.: 7.244 min
Delta R.T.: -0.011 min
Response: 71909369
Conc: 22.44 ug/ml



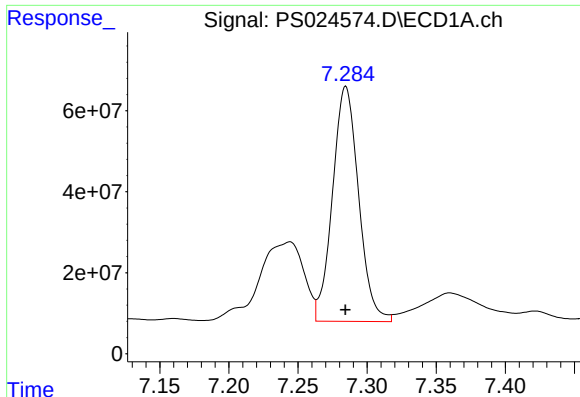
#8 DICHLORPROP

R.T.: 7.079 min
Delta R.T.: -0.009 min
Response: 1444816801
Conc: 614.61 ng/ml



#8 DICHLORPROP

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 176081808
Conc: 234.14 ng/ml



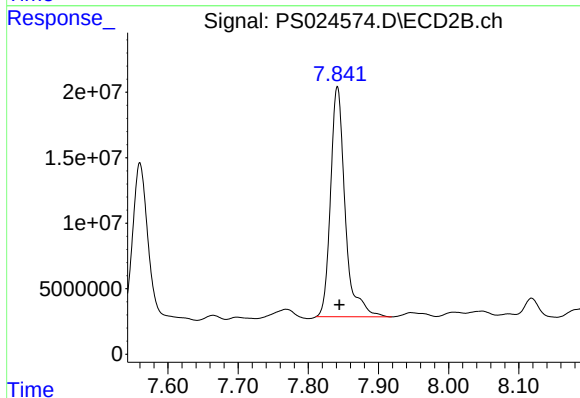
#9 2,4-D

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 762796183
Conc: 276.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-1MS

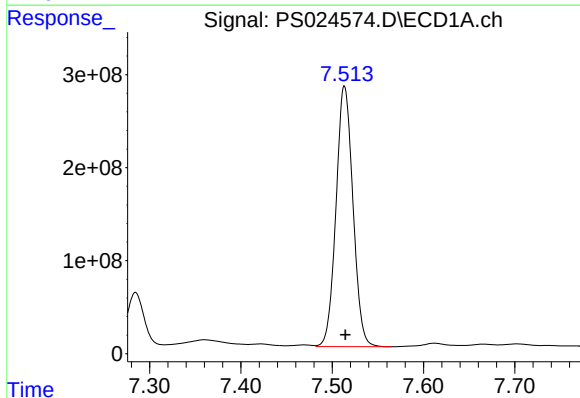
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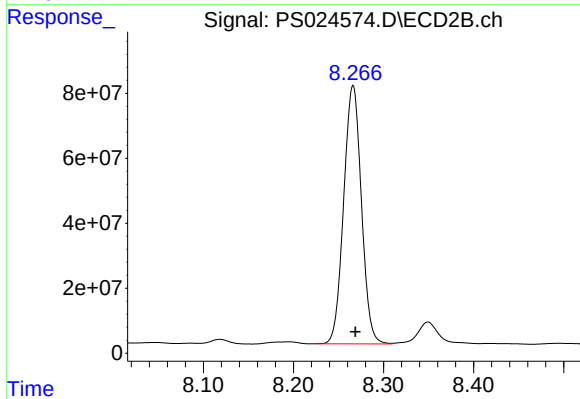
#9 2,4-D

R.T.: 7.842 min
Delta R.T.: -0.003 min
Response: 253813082
Conc: 275.75 ng/ml



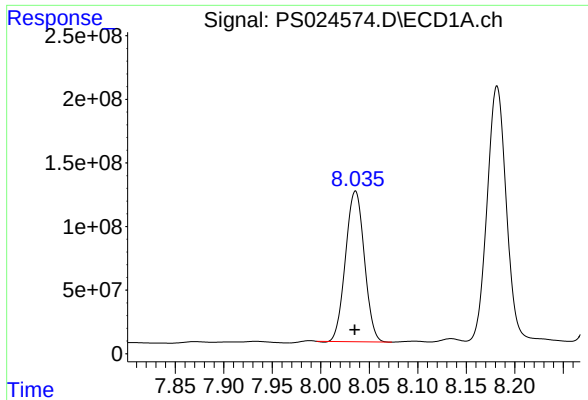
#10 Pentachlorophenol

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 3618921424
Conc: 111.30 ng/ml



#10 Pentachlorophenol

R.T.: 8.266 min
Delta R.T.: -0.003 min
Response: 1088100432
Conc: 99.86 ng/ml



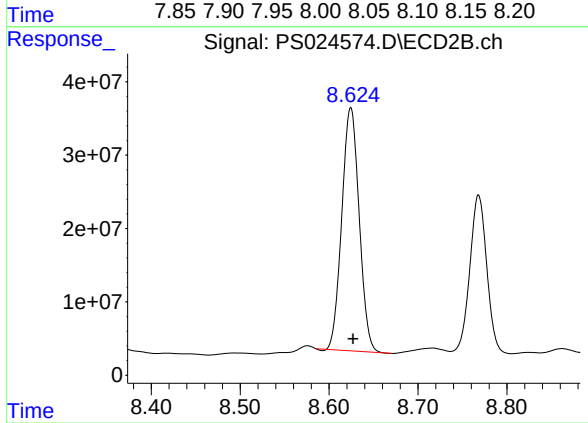
#11 2,4,5-TP (SILVEX)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 1594363027
Conc: 115.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-1MS

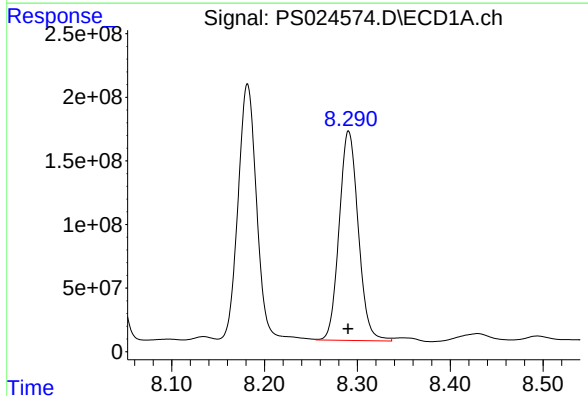
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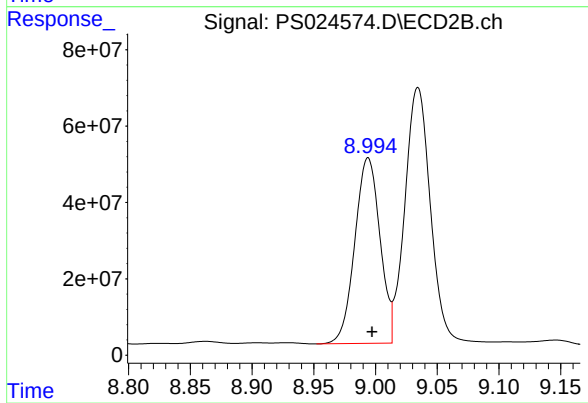
#11 2,4,5-TP (SILVEX)

R.T.: 8.624 min
Delta R.T.: -0.002 min
Response: 449847329
Conc: 106.07 ng/ml



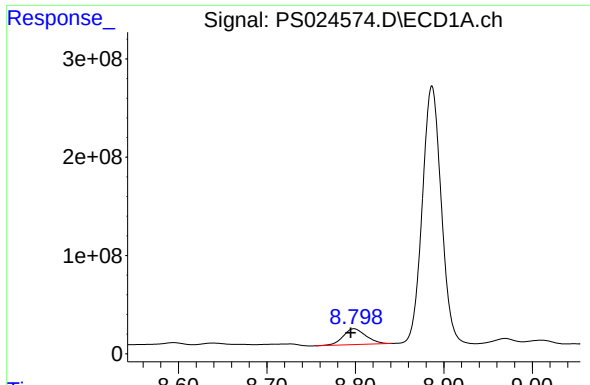
#12 2,4,5-T

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 2355177015
Conc: 180.26 ng/ml



#12 2,4,5-T

R.T.: 8.994 min
Delta R.T.: -0.003 min
Response: 689274206
Conc: 167.16 ng/ml



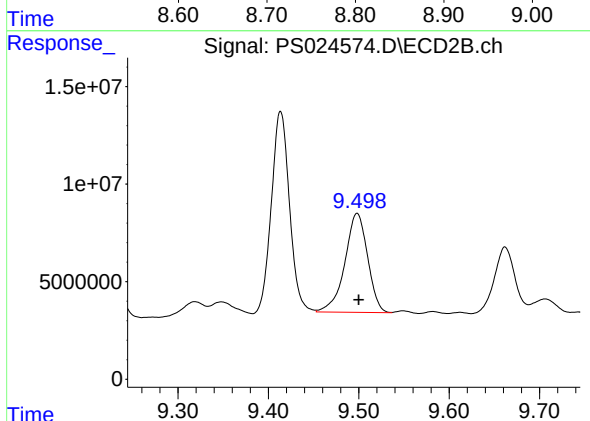
#13 2,4-DB

R.T.: 8.799 min
Delta R.T.: 0.004 min
Response: 286964855
Conc: 140.47 ng/ml

Instrument :
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ClientSampleId :
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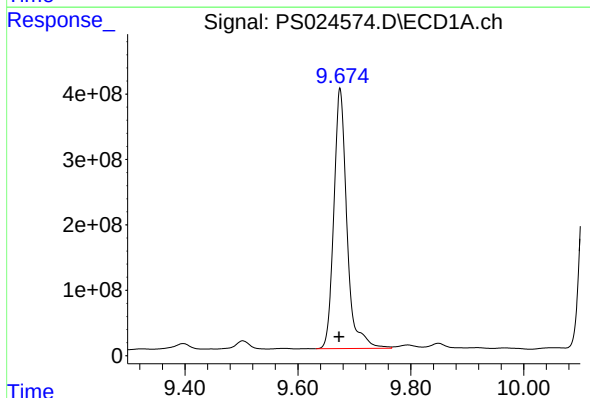
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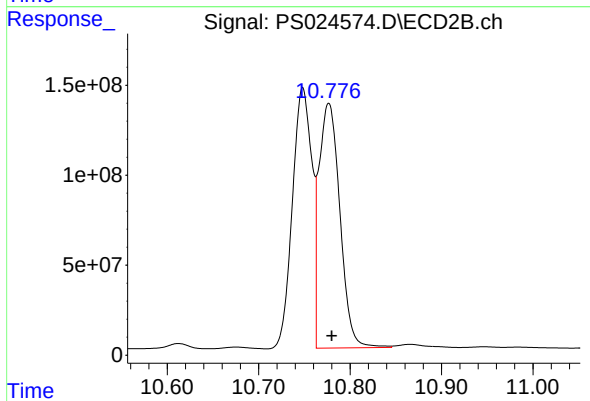
#13 2,4-DB

R.T.: 9.498 min
Delta R.T.: -0.002 min
Response: 88832025
Conc: 174.32 ng/ml



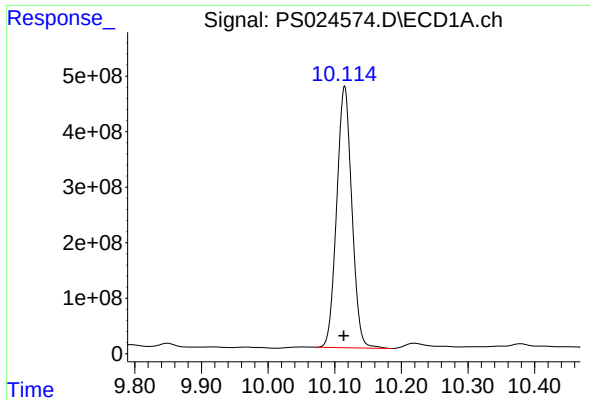
#15 Picloram

R.T.: 9.675 min
Delta R.T.: 0.002 min
Response: 6404900176
Conc: 367.33 ng/ml



#15 Picloram

R.T.: 10.777 min
Delta R.T.: -0.003 min
Response: 2167741826
Conc: 348.83 ng/ml



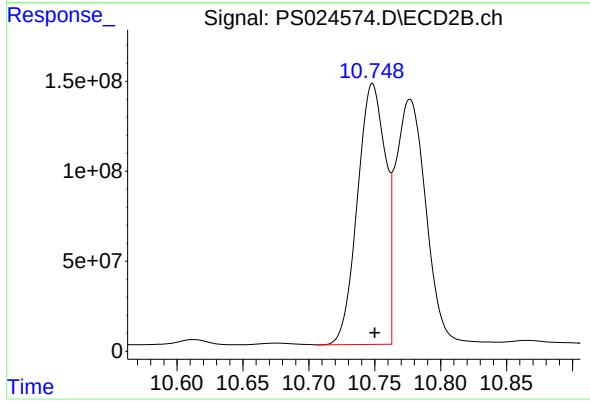
#16 DCPA

R.T.: 10.115 min
Delta R.T.: 0.000 min
Response: 7432891911
Conc: 436.64 ng/ml

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#16 DCPA

R.T.: 10.748 min
Delta R.T.: -0.002 min
Response: 2149263060
Conc: 411.94 ng/ml