

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100423\
 Data File : PS024550.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2023 01:43
 Operator : AR\AJ
 Sample : 04699-02
 Misc : (Sig #1); LOQ 200 PPB (Sig #2)
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-SOIL-02-QT4-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/05/2023
 Supervised By : Ankita Jodhani 10/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 04:48:39 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	1078.8E6	367.6E6	524.367	531.802
Target Compounds							
1) T	Dalapon	2.476	2.540	446.8E6	195.7E6	180.864m	174.845m
2) T	3,5-DICHL...	5.733	5.968	627.3E6	198.4E6	199.984	182.575
3) T	4-Nitroph...	6.196	6.396	247.4E6	73944365	182.797	162.110m
5) T	DICAMBA	6.499	6.944	1645.9E6	503.2E6	183.476	169.918
6) T	MCPD	6.648	7.037	100.5E6	32951907	15.865	16.722
7) T	MCPA	6.769	7.243	166.0E6	67470223	18.623m	21.056
8) T	DICHLORPROP	7.086	7.559	453.8E6	152.1E6	193.057	202.204
9) T	2,4-D	7.284	7.842	553.0E6	186.2E6	200.133	202.263
10) T	Pentachlo...	7.513	8.266	6928.2E6	2122.1E6	213.079	194.756
11) T	2,4,5-TP ...	8.033	8.625	2696.3E6	765.6E6	194.605	180.526
12) T	2,4,5-T	8.289	8.995	2545.4E6	740.8E6	194.820	179.659
13) T	2,4-DB	8.794	9.498	387.6E6	96560593	189.736	189.490
14) T	DINOSEB	9.846	9.825	1696.3E6	485.5E6	165.937	156.560
15) T	Picloram	9.672	10.778	2867.4E6	966.4E6	164.449	155.503
16) T	DCPA	10.111	10.749	3510.0E6	823.2E6	206.197	157.769

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

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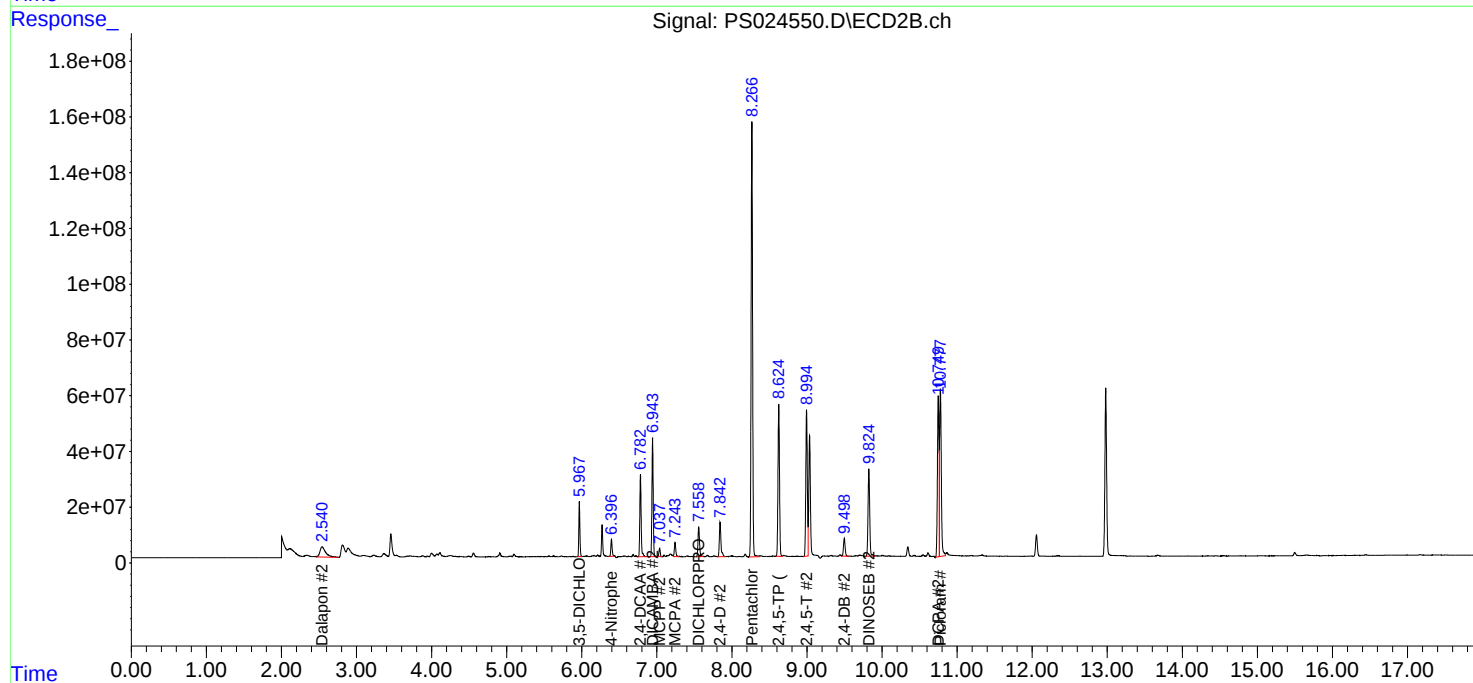
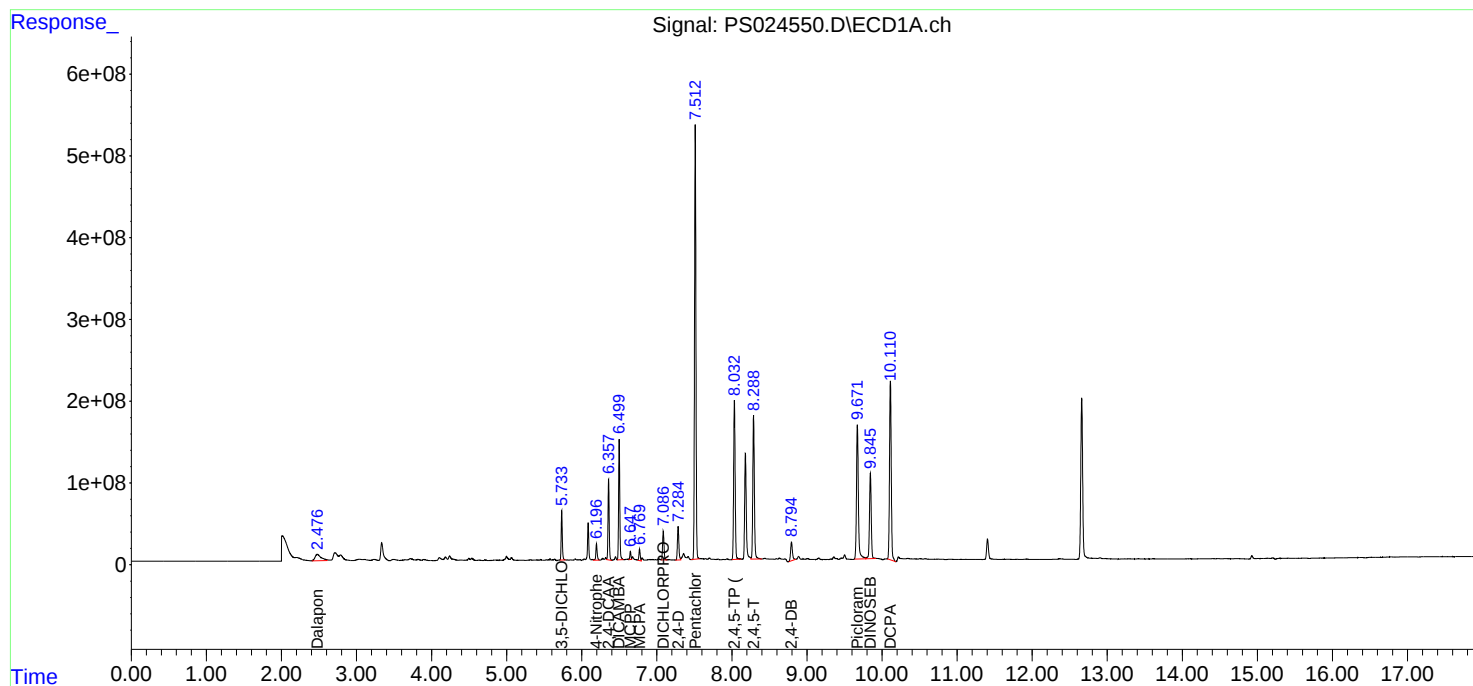
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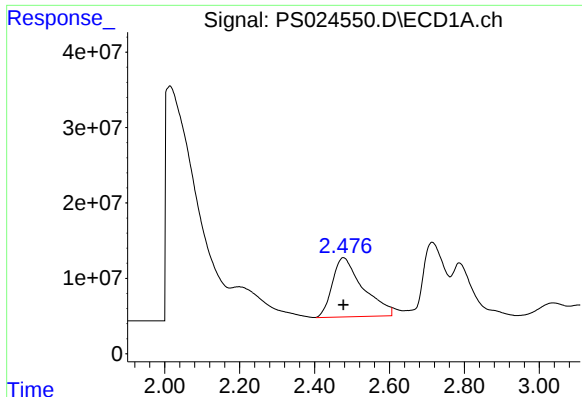
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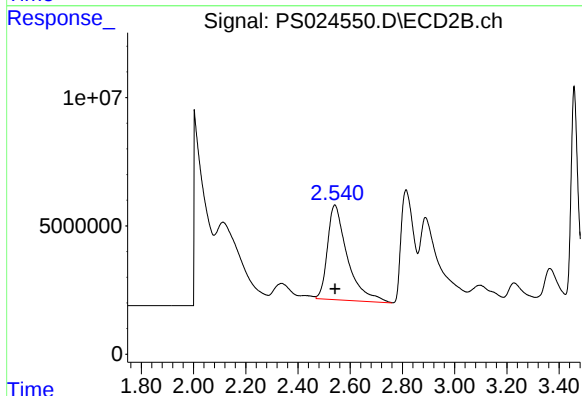
#1 Dalapon

R.T.: 2.476 min
Delta R.T.: -0.001 min
Response: 446834846
Conc: 180.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
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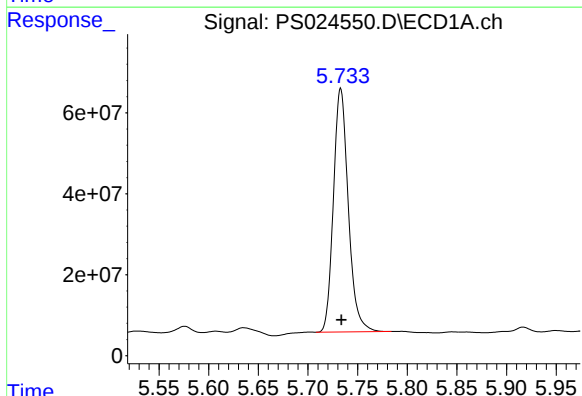
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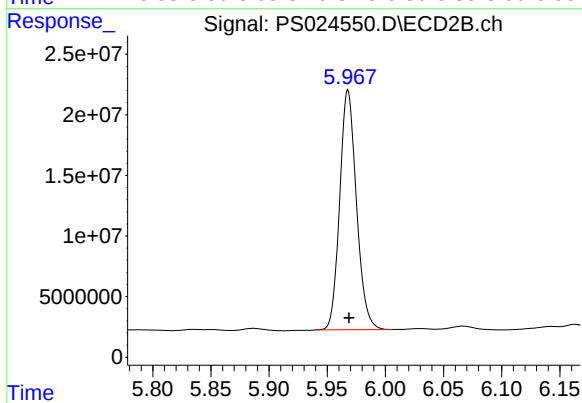
#1 Dalapon

R.T.: 2.540 min
Delta R.T.: -0.002 min
Response: 195675300
Conc: 174.85 ng/ml m



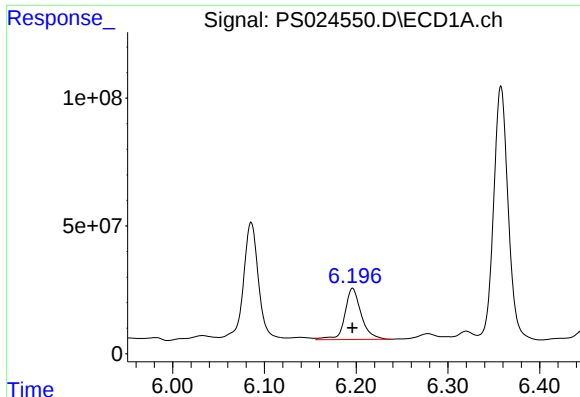
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 627305445
Conc: 199.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 198404517
Conc: 182.58 ng/ml



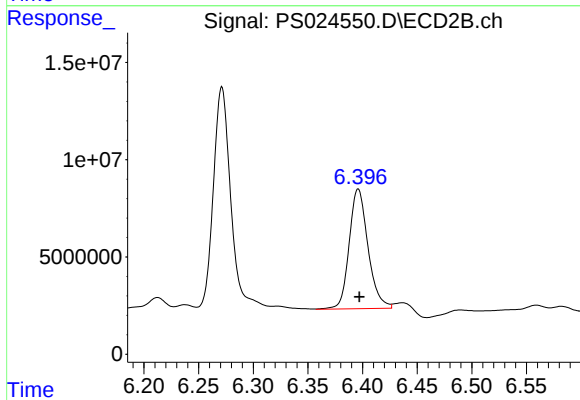
#3 4-Nitrophenol

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 247447931
Conc: 182.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
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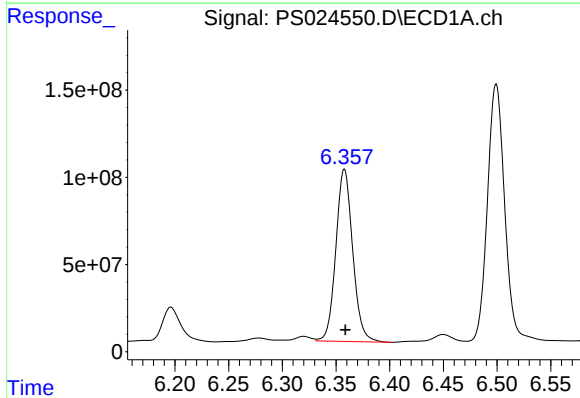
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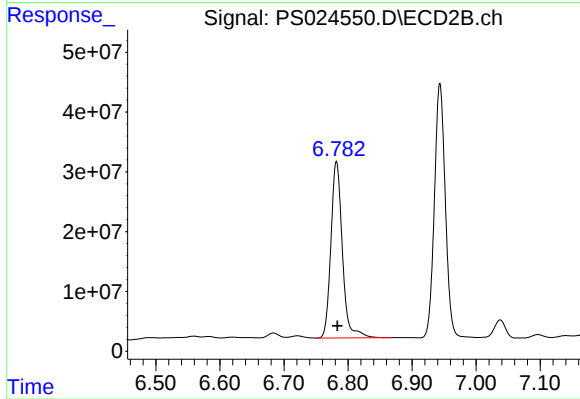
#3 4-Nitrophenol

R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 73944365
Conc: 162.11 ng/ml m



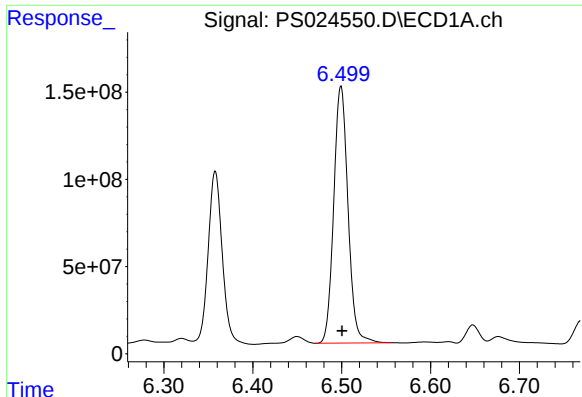
#4 2,4-DCAA

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 1078795822
Conc: 524.37 ng/ml



#4 2,4-DCAA

R.T.: 6.782 min
Delta R.T.: -0.002 min
Response: 367629525
Conc: 531.80 ng/ml



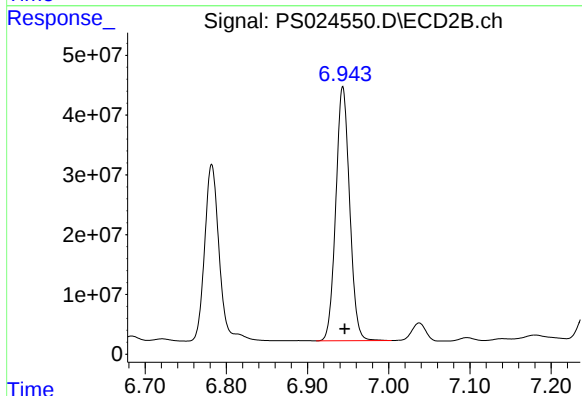
#5 DICAMBA

R.T.: 6.499 min
Delta R.T.: -0.001 min
Response: 1645896658
Conc: 183.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
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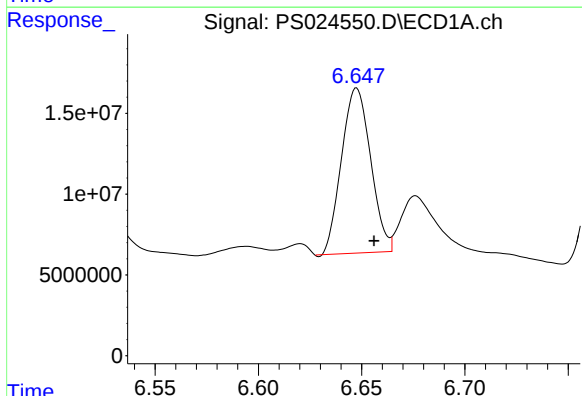
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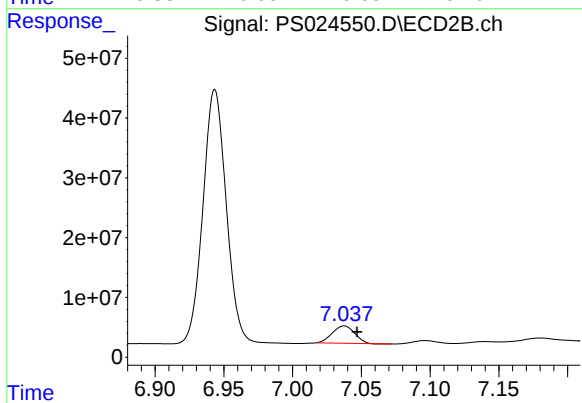
#5 DICAMBA

R.T.: 6.944 min
Delta R.T.: -0.002 min
Response: 503178578
Conc: 169.92 ng/ml



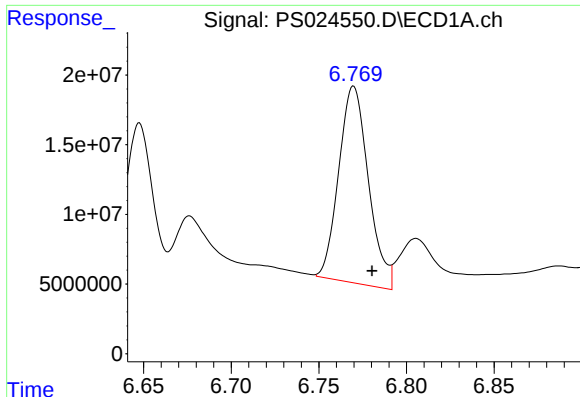
#6 MCPP

R.T.: 6.648 min
Delta R.T.: -0.008 min
Response: 100508988
Conc: 15.86 ug/ml



#6 MCPP

R.T.: 7.037 min
Delta R.T.: -0.009 min
Response: 32951907
Conc: 16.72 ug/ml



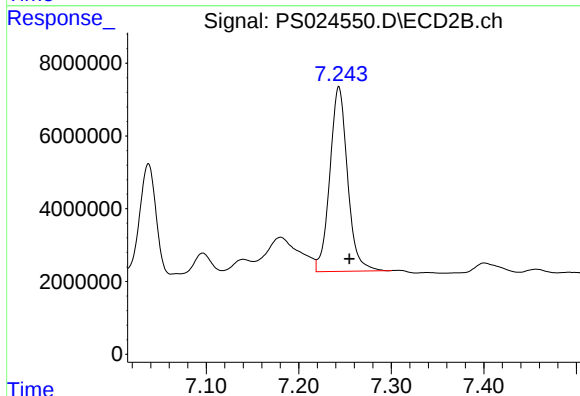
#7 MCPA

R.T.: 6.769 min
Delta R.T.: -0.011 min
Response: 165978956
Conc: 18.62 ug/ml

Instrument :
ECD_S
ClientSampleId :
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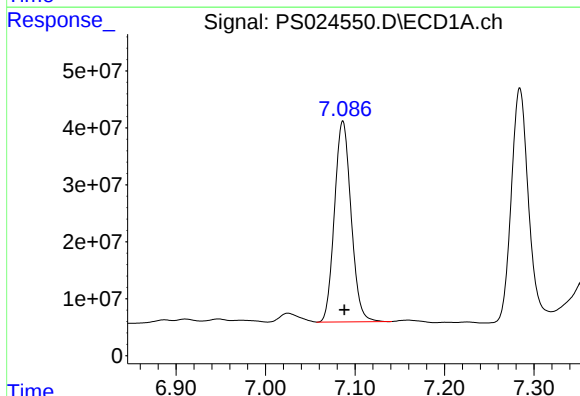
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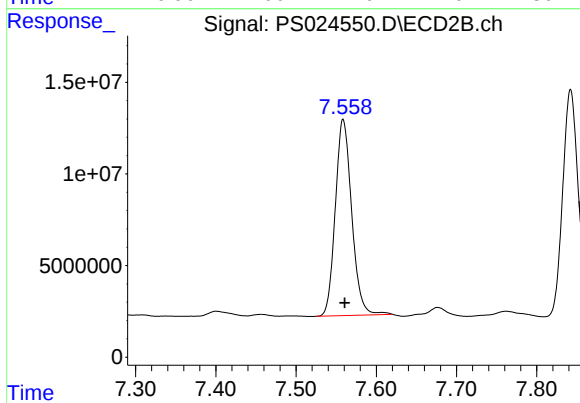
#7 MCPA

R.T.: 7.243 min
Delta R.T.: -0.012 min
Response: 67470223
Conc: 21.06 ug/ml



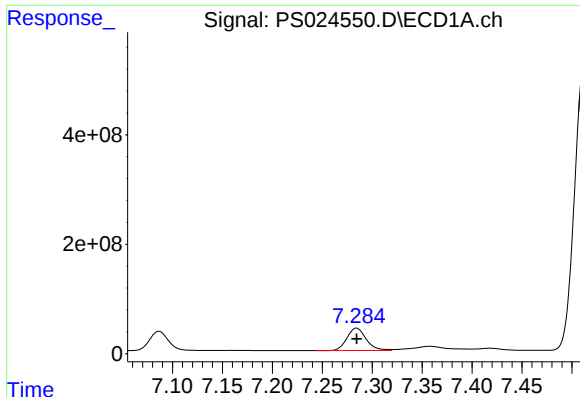
#8 DICHLORPROP

R.T.: 7.086 min
Delta R.T.: -0.002 min
Response: 453833530
Conc: 193.06 ng/ml



#8 DICHLORPROP

R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 152065718
Conc: 202.20 ng/ml



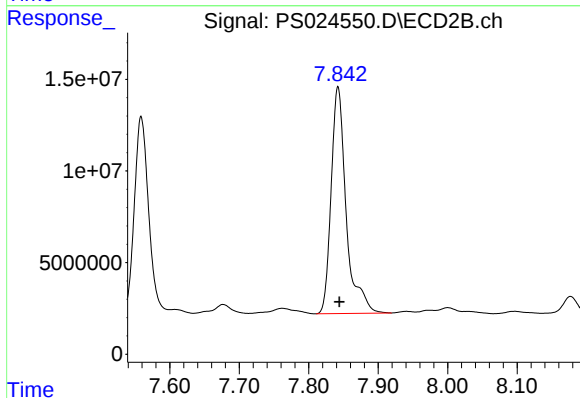
#9 2,4-D

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 552967368
Conc: 200.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT4-2023

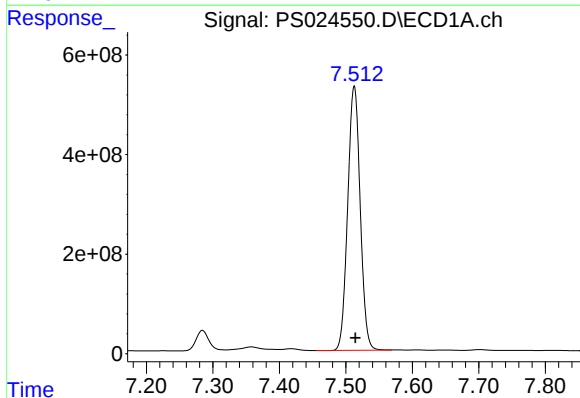
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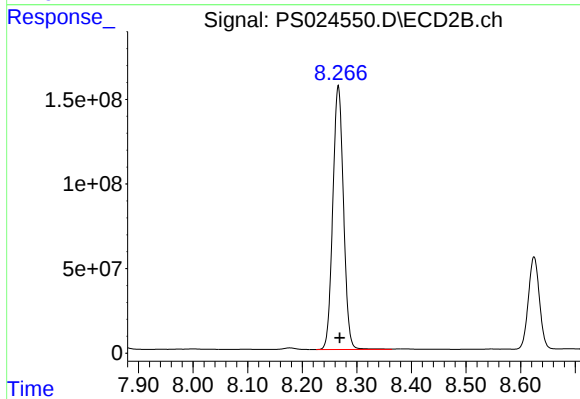
#9 2,4-D

R.T.: 7.842 min
Delta R.T.: -0.002 min
Response: 186174585
Conc: 202.26 ng/ml



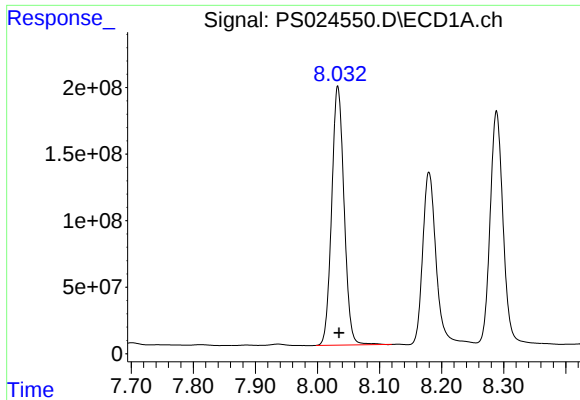
#10 Pentachlorophenol

R.T.: 7.513 min
Delta R.T.: -0.002 min
Response: 6928223662
Conc: 213.08 ng/ml



#10 Pentachlorophenol

R.T.: 8.266 min
Delta R.T.: -0.003 min
Response: 2122101560
Conc: 194.76 ng/ml



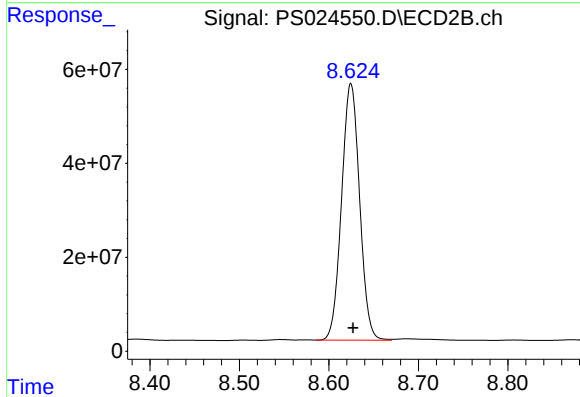
#11 2,4,5-TP (SILVEX)

R.T.: 8.033 min
Delta R.T.: -0.002 min
Response: 2696257919
Conc: 194.60 ng/ml

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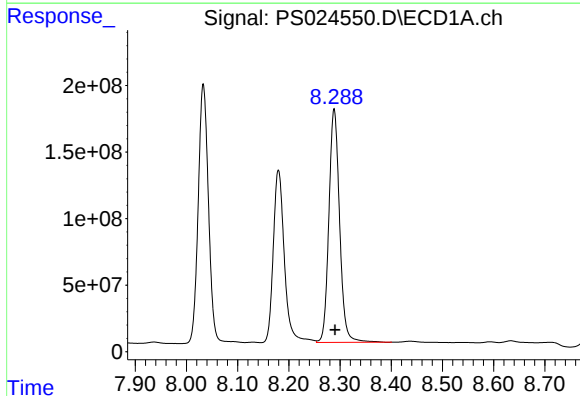
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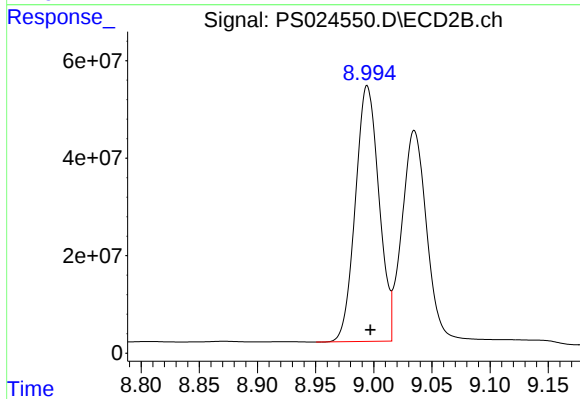
#11 2,4,5-TP (SILVEX)

R.T.: 8.625 min
Delta R.T.: -0.002 min
Response: 765626560
Conc: 180.53 ng/ml



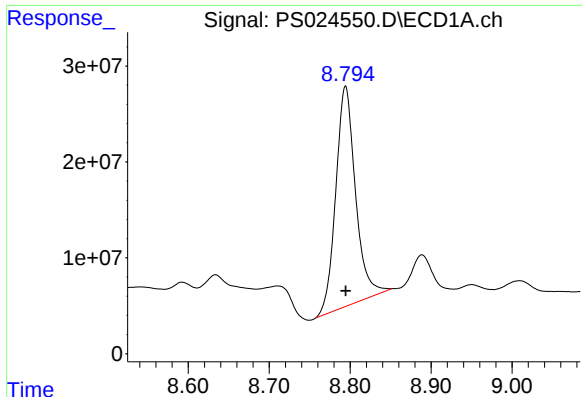
#12 2,4,5-T

R.T.: 8.289 min
Delta R.T.: -0.002 min
Response: 2545365147
Conc: 194.82 ng/ml



#12 2,4,5-T

R.T.: 8.995 min
Delta R.T.: -0.003 min
Response: 740829548
Conc: 179.66 ng/ml



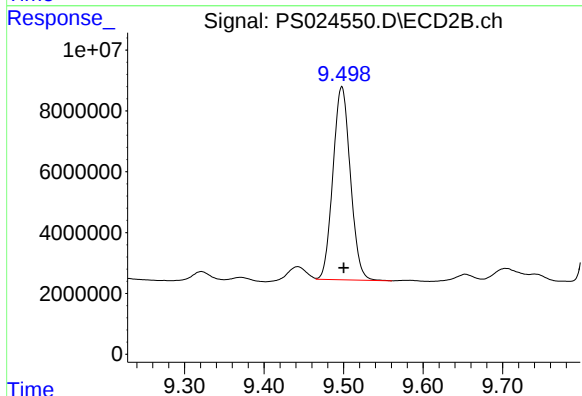
#13 2,4-DB

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 387621676
Conc: 189.74 ng/ml

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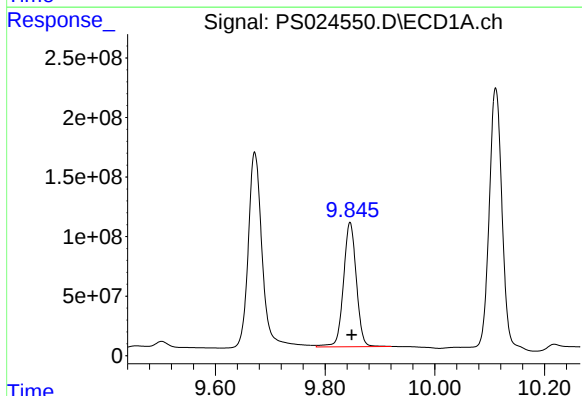
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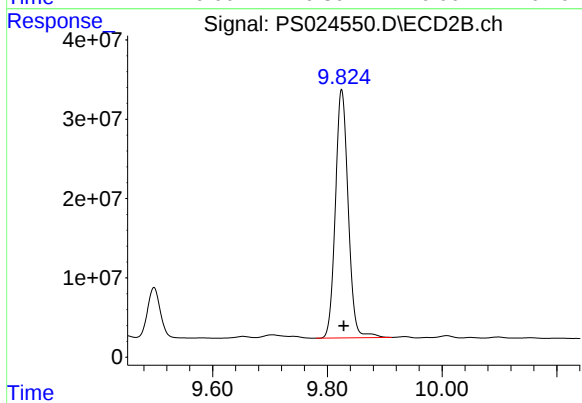
#13 2,4-DB

R.T.: 9.498 min
Delta R.T.: -0.002 min
Response: 96560593
Conc: 189.49 ng/ml



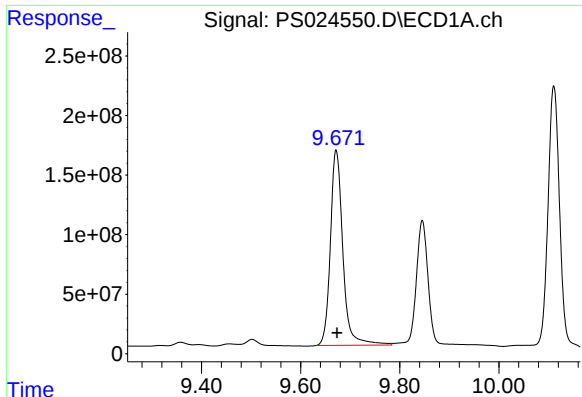
#14 DINOSEB

R.T.: 9.846 min
Delta R.T.: -0.003 min
Response: 1696296609
Conc: 165.94 ng/ml



#14 DINOSEB

R.T.: 9.825 min
Delta R.T.: -0.004 min
Response: 485500088
Conc: 156.56 ng/ml



#15 Picloram

R.T.: 9.672 min
Delta R.T.: -0.001 min
Response: 2867386464
Conc: 164.45 ng/ml

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#15 Picloram

R.T.: 10.778 min
Delta R.T.: -0.002 min
Response: 966352343
Conc: 155.50 ng/ml

#16 DCPA

R.T.: 10.111 min
Delta R.T.: -0.003 min
Response: 3510038781
Conc: 206.20 ng/ml

#16 DCPA

R.T.: 10.749 min
Delta R.T.: 0.000 min
Response: 823152263
Conc: 157.77 ng/ml