

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080322\
 Data File : PS020157.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Aug 2022 22:18
 Operator : AJ\MA
 Sample : N3980-09
 Misc : MDL 100 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 08/04/2022
 Supervised By :mohammad ahmed 08/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 04 02:15:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080322.M
 Quant Title : 8080.M
 QLast Update : Thu Aug 04 02:05:37 2022
 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 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	7.186	6.764	524.3E6	168.3E6	177.801	206.561
Target Compounds							
1) T	Dalapon	3.002	2.517	547.3E6	119.0E6	113.050	109.577
2) T	3,5-DICHL...	6.403	5.950	476.2E6	147.5E6	122.408	116.820
3) T	4-Nitroph...	7.045	6.403	147.5E6	53052703	106.203m	108.024
5) T	DICAMBA	7.371	6.923	1378.4E6	407.2E6	119.774	114.243
6) T	MCPD	7.533	7.012	80822681	27017628	8.713	9.904
7) T	MCPA	7.680	7.222	124.7E6	49504385	9.684	11.760
8) T	DICHLORPROP	8.064	7.545	357.2E6	113.1E6	124.793	120.942
9) T	2,4-D	8.303	7.843	397.9E6	138.6E6	132.129m	118.185
10) T	Pentachlo...	8.596	8.258	5420.9E6	1716.0E6	138.580	134.101
11) T	2,4,5-TP ...	9.148	8.620	2188.8E6	652.7E6	128.467	122.023
12) T	2,4,5-T	9.438	9.000	2356.3E6	583.8E6	129.813	114.696
13) T	2,4-DB	9.993	9.505	391.4E6	77738752	107.261	114.298
14) T	DINOSEB	11.132	9.823	2173.8E6	451.3E6	136.636	118.943
15) T	Picloram	10.975	10.812	3462.4E6	765.6E6	109.507	101.479
16) T	DCPA	11.402	10.750	3483.5E6	859.4E6	141.693	129.610

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

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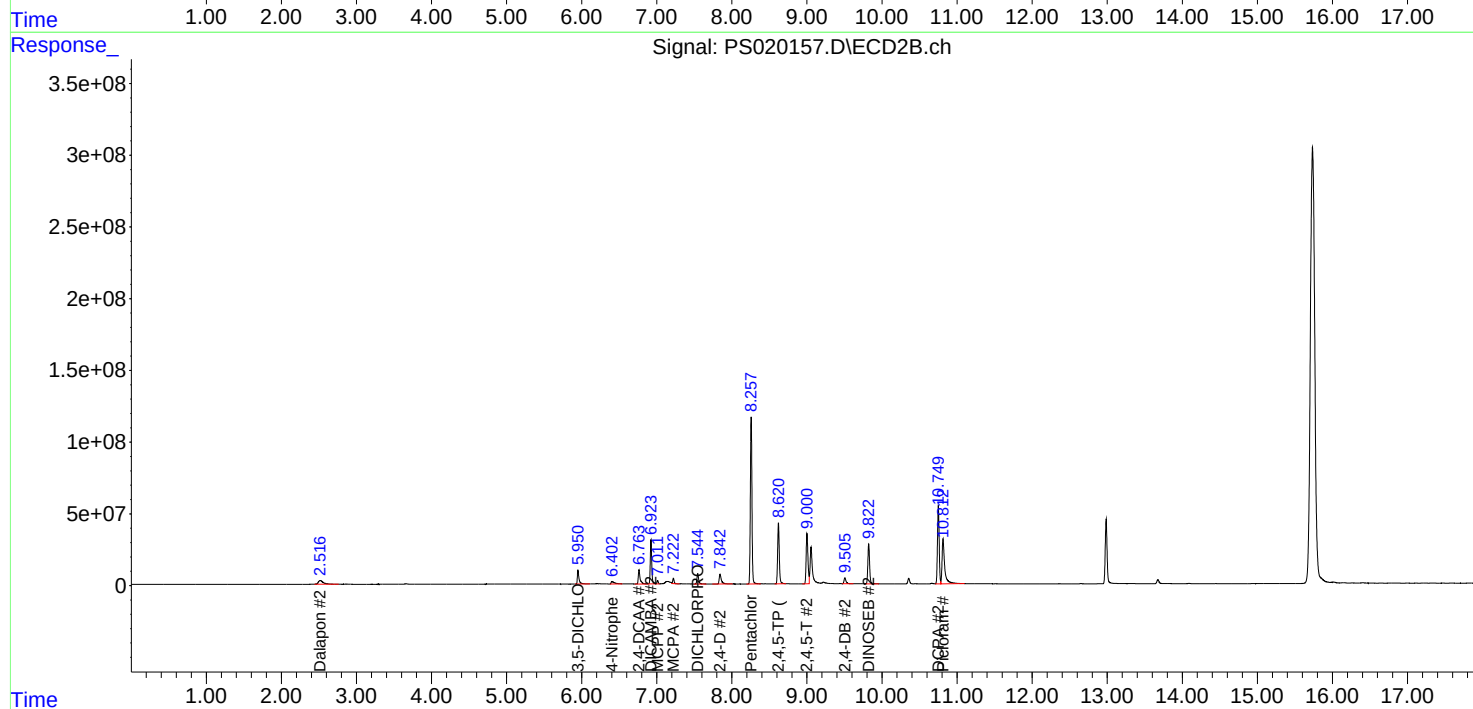
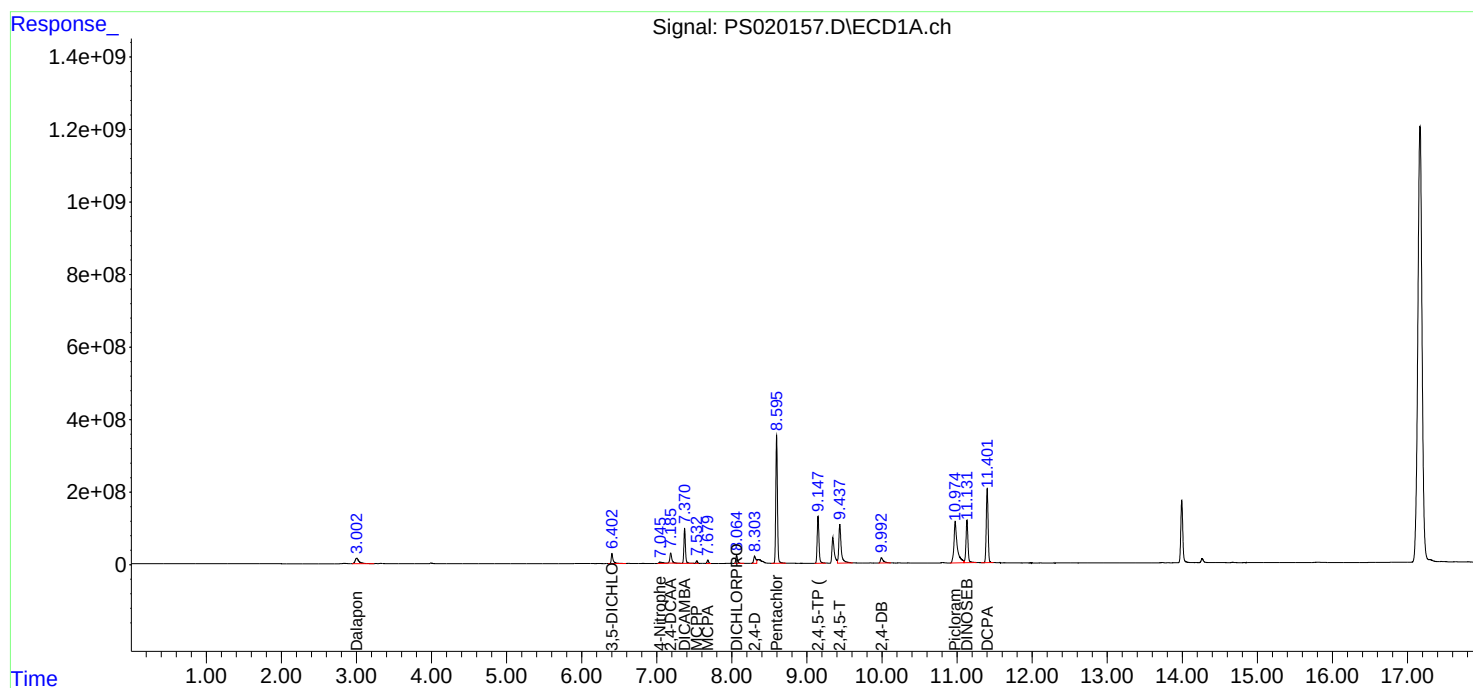
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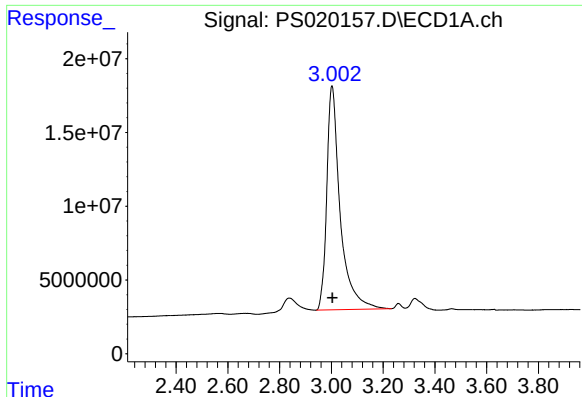
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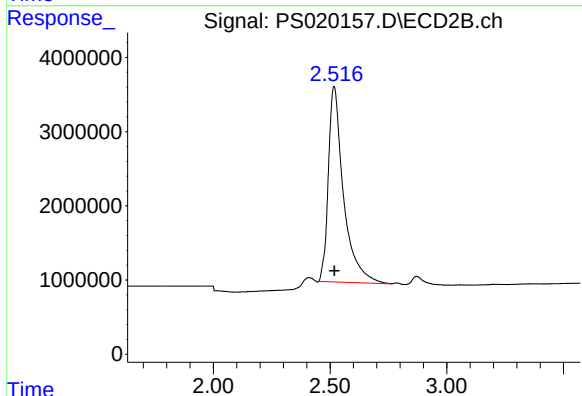
#1 Dalapon

R.T.: 3.002 min
Delta R.T.: -0.002 min
Response: 547309896
Conc: 113.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
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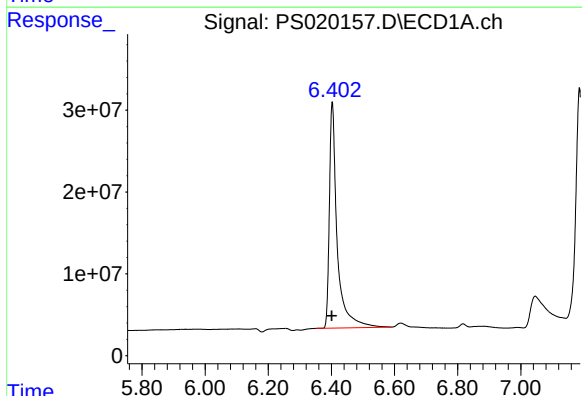
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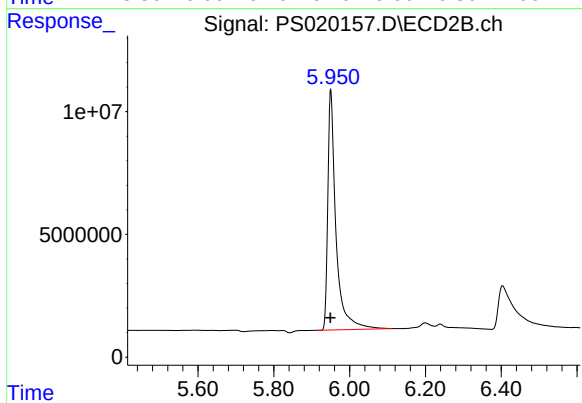
#1 Dalapon

R.T.: 2.517 min
Delta R.T.: -0.002 min
Response: 118961147
Conc: 109.58 ng/ml



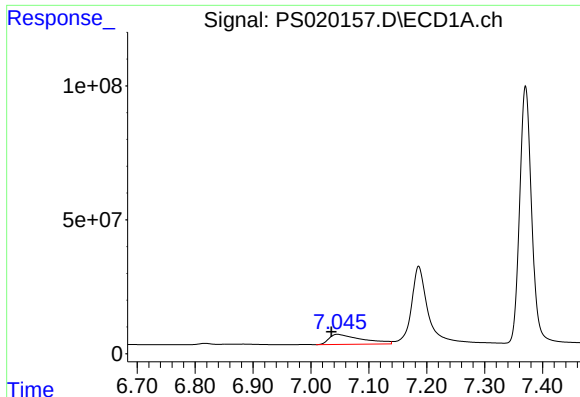
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 476156703
Conc: 122.41 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 147497854
Conc: 116.82 ng/ml



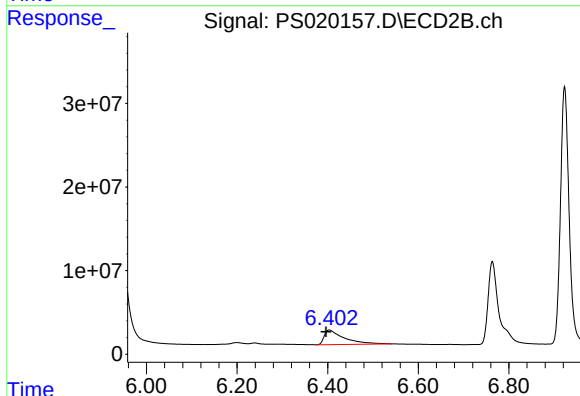
#3 4-Nitrophenol

R.T.: 7.045 min
Delta R.T.: 0.010 min
Response: 147518781
Conc: 106.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2022

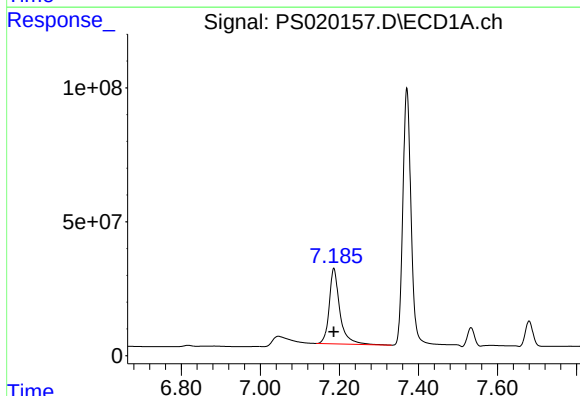
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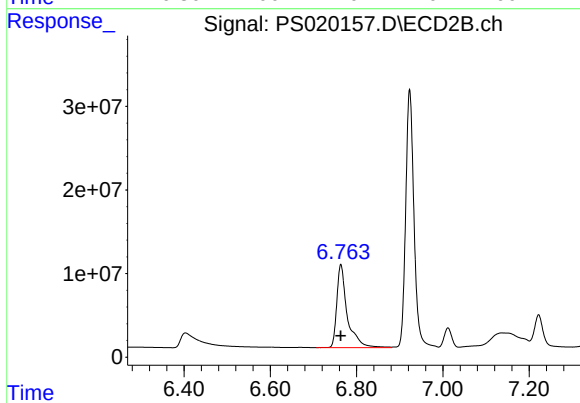
#3 4-Nitrophenol

R.T.: 6.403 min
Delta R.T.: 0.006 min
Response: 53052703
Conc: 108.02 ng/ml



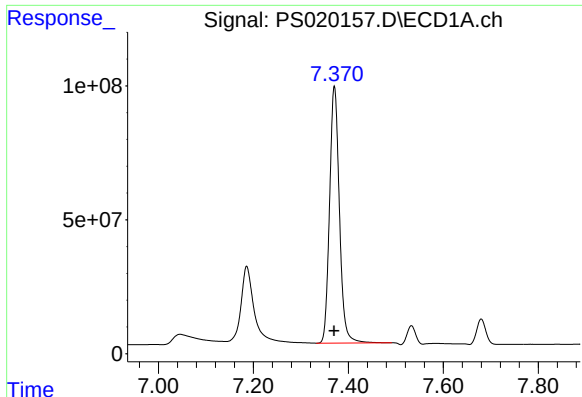
#4 2,4-DCAA

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 524286174
Conc: 177.80 ng/ml



#4 2,4-DCAA

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 168338073
Conc: 206.56 ng/ml



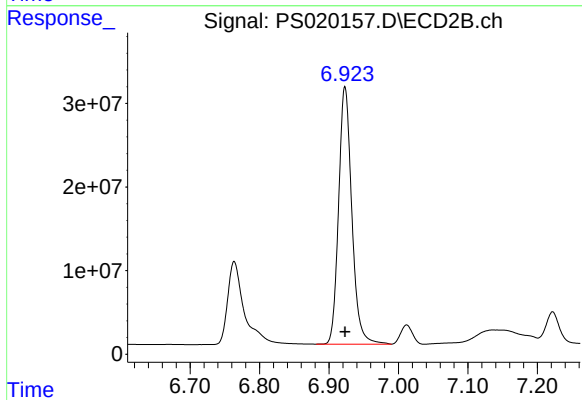
#5 DICAMBA

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 1378437657
Conc: 119.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2022

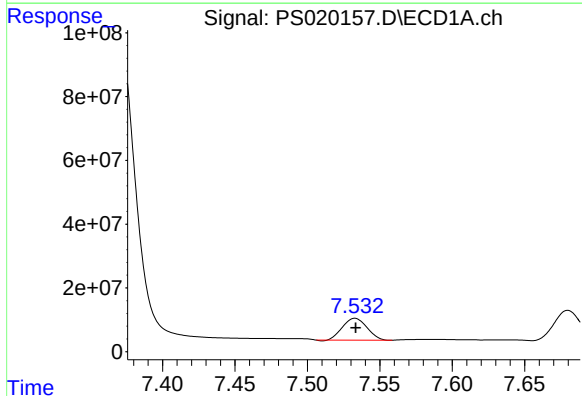
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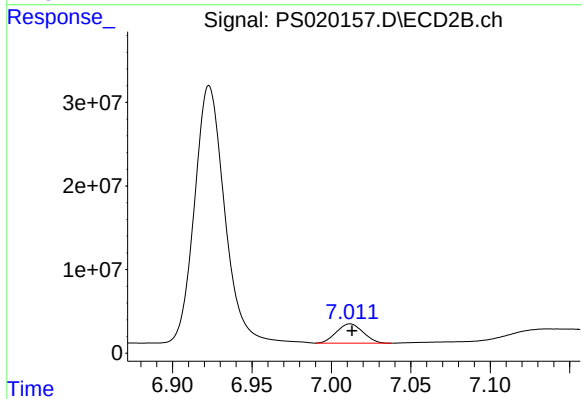
#5 DICAMBA

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 407175097
Conc: 114.24 ng/ml



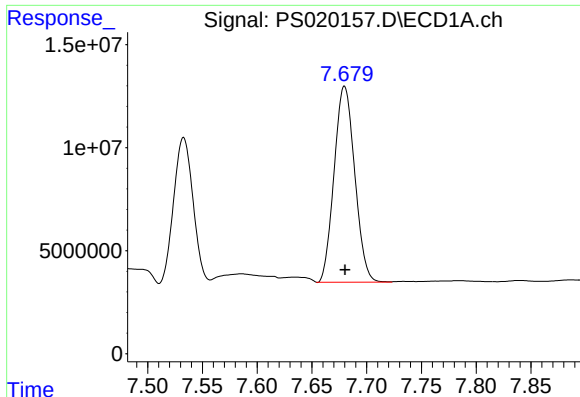
#6 MCP

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 80822681
Conc: 8.71 ug/ml



#6 MCP

R.T.: 7.012 min
Delta R.T.: -0.001 min
Response: 27017628
Conc: 9.90 ug/ml



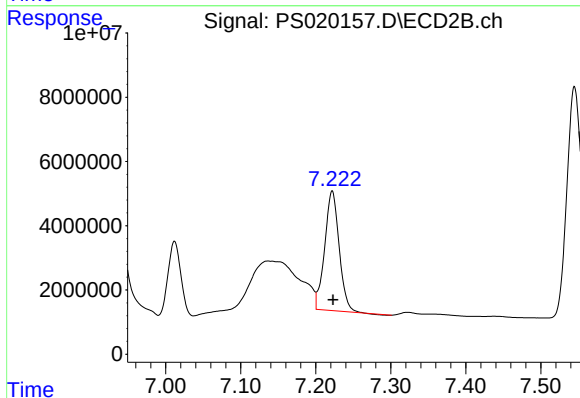
#7 MCPA

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 124733048
Conc: 9.68 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2022

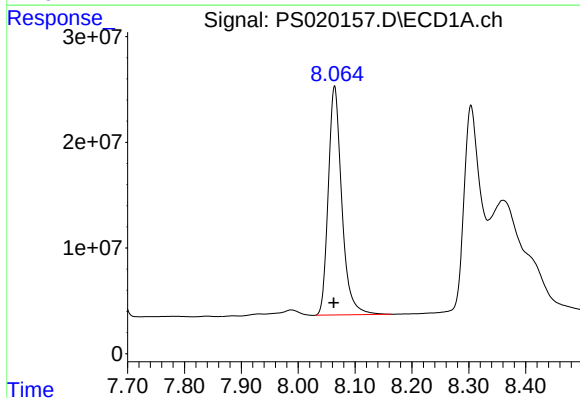
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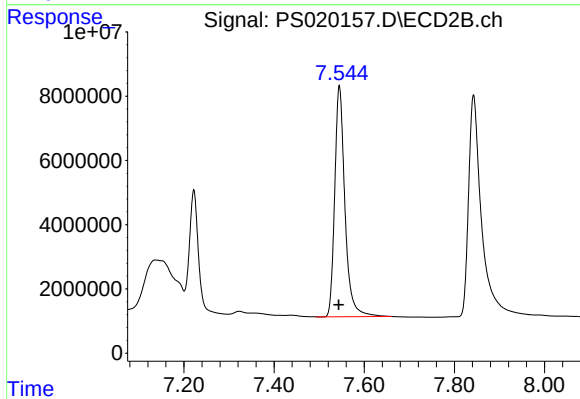
#7 MCPA

R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 49504385
Conc: 11.76 ug/ml



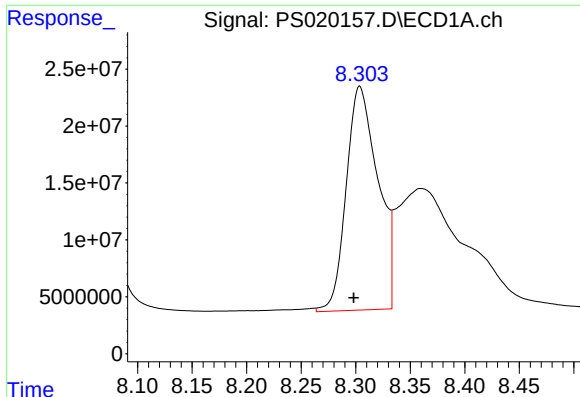
#8 DICHLORPROP

R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 357220753
Conc: 124.79 ng/ml



#8 DICHLORPROP

R.T.: 7.545 min
Delta R.T.: 0.001 min
Response: 113097605
Conc: 120.94 ng/ml



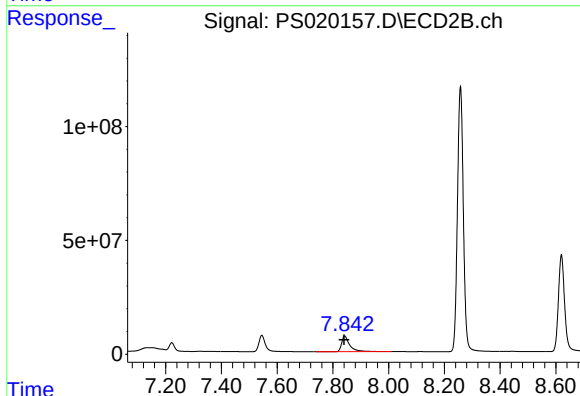
#9 2,4-D

R.T.: 8.303 min
Delta R.T.: 0.005 min
Response: 397930697
Conc: 132.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
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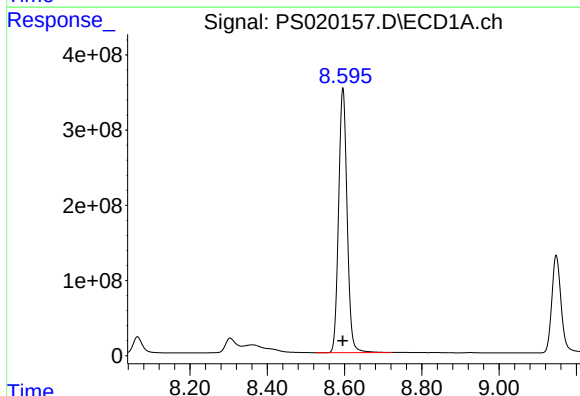
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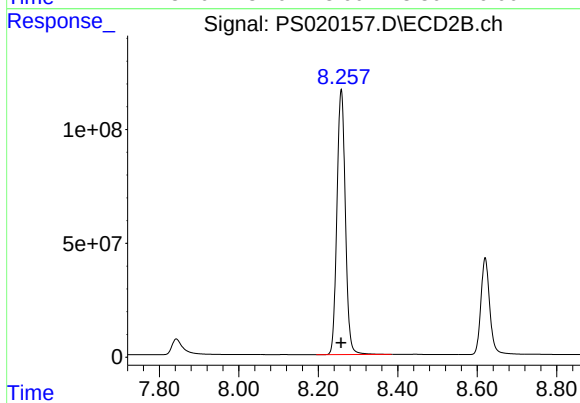
#9 2,4-D

R.T.: 7.843 min
Delta R.T.: 0.002 min
Response: 138628361
Conc: 118.19 ng/ml



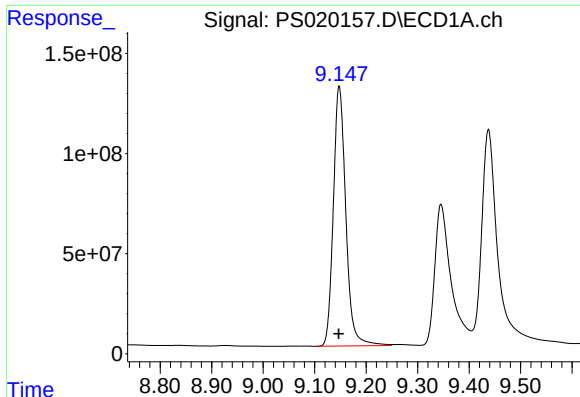
#10 Pentachlorophenol

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 5420874958
Conc: 138.58 ng/ml



#10 Pentachlorophenol

R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 1715969065
Conc: 134.10 ng/ml



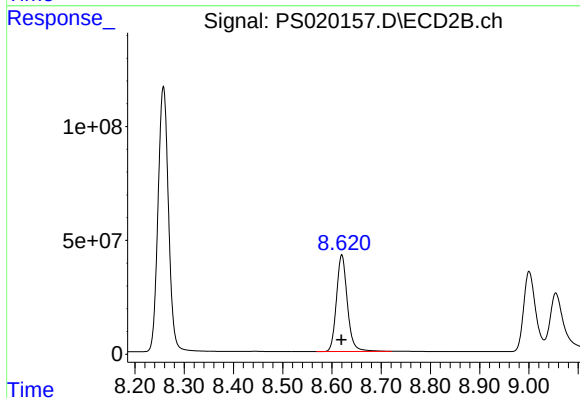
#11 2,4,5-TP (SILVEX)

R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 2188832914
Conc: 128.47 ng/ml

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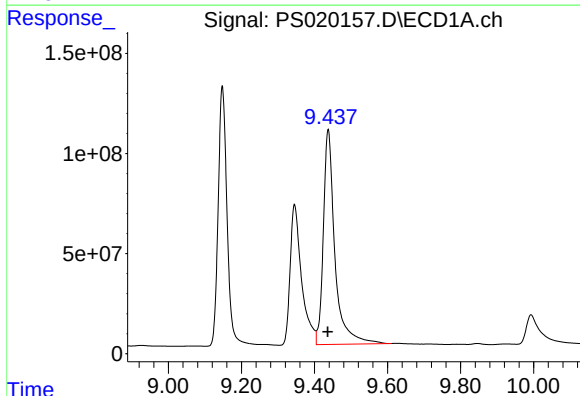
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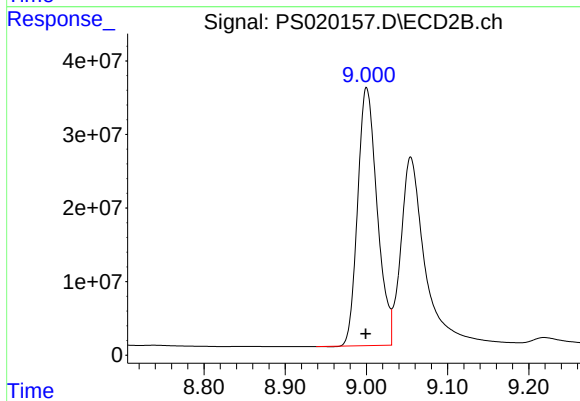
#11 2,4,5-TP (SILVEX)

R.T.: 8.620 min
Delta R.T.: 0.000 min
Response: 652655566
Conc: 122.02 ng/ml



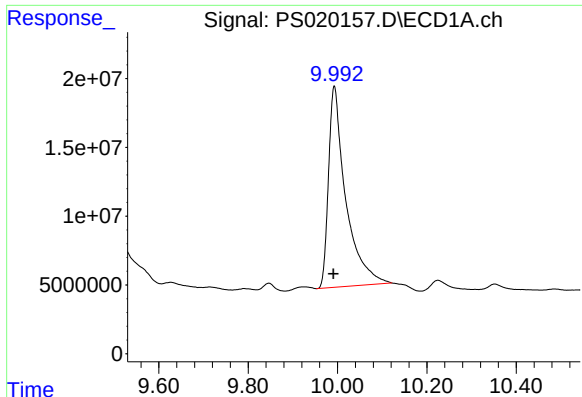
#12 2,4,5-T

R.T.: 9.438 min
Delta R.T.: 0.002 min
Response: 2356277914
Conc: 129.81 ng/ml



#12 2,4,5-T

R.T.: 9.000 min
Delta R.T.: 0.001 min
Response: 583838908
Conc: 114.70 ng/ml



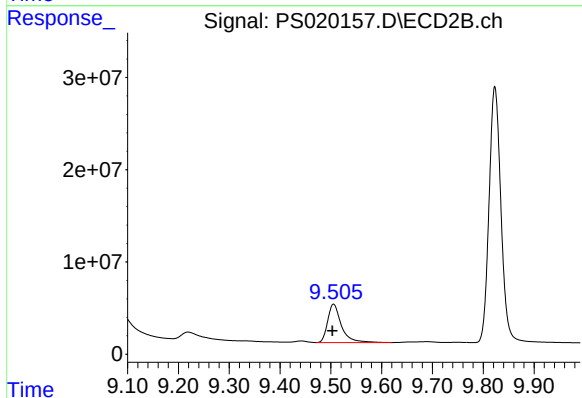
#13 2,4-DB

R.T.: 9.993 min
Delta R.T.: 0.002 min
Response: 391449517
Conc: 107.26 ng/ml

Instrument :
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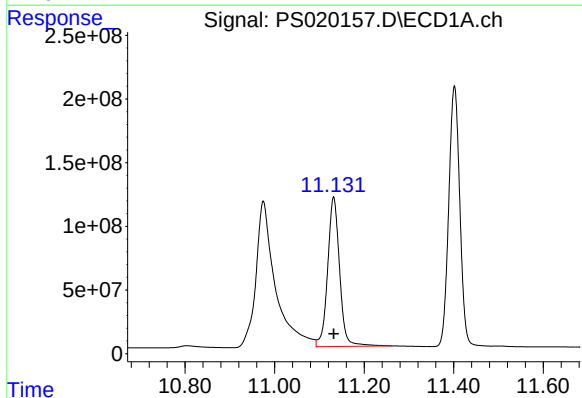
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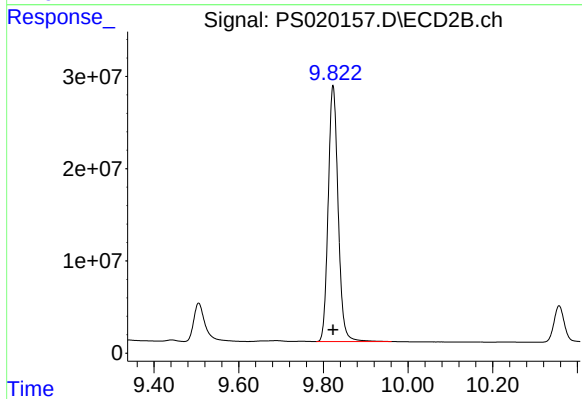
#13 2,4-DB

R.T.: 9.505 min
Delta R.T.: 0.002 min
Response: 77738752
Conc: 114.30 ng/ml



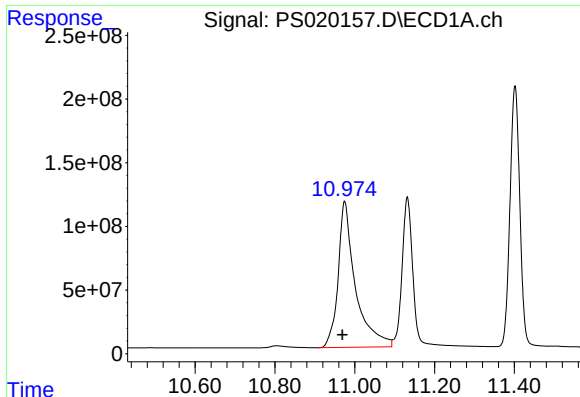
#14 DINOSEB

R.T.: 11.132 min
Delta R.T.: 0.000 min
Response: 2173775196
Conc: 136.64 ng/ml



#14 DINOSEB

R.T.: 9.823 min
Delta R.T.: 0.000 min
Response: 451299687
Conc: 118.94 ng/ml



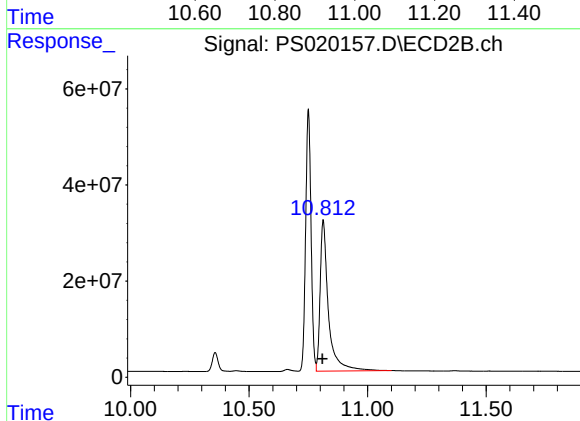
#15 Picloram

R.T.: 10.975 min
Delta R.T.: 0.006 min
Response: 3462439570
Conc: 109.51 ng/ml

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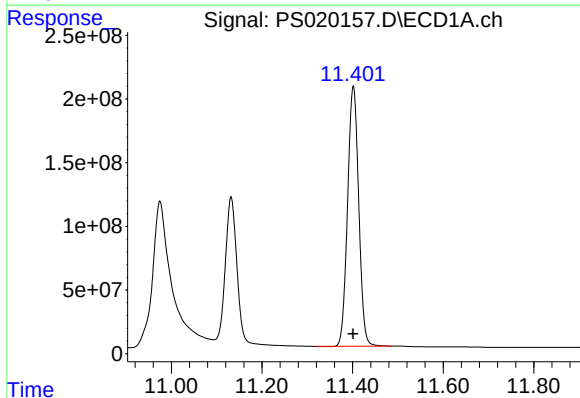
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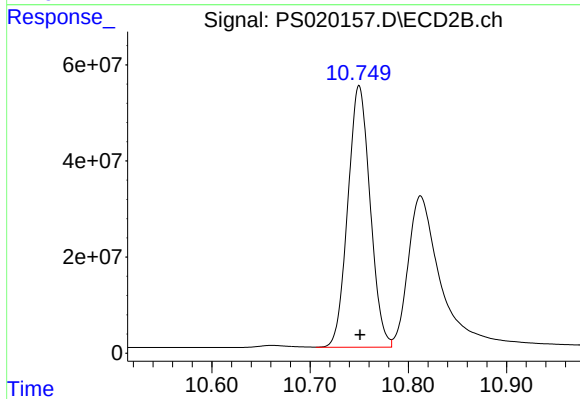
#15 Picloram

R.T.: 10.812 min
Delta R.T.: 0.002 min
Response: 765621973
Conc: 101.48 ng/ml



#16 DCPA

R.T.: 11.402 min
Delta R.T.: 0.000 min
Response: 3483483280
Conc: 141.69 ng/ml



#16 DCPA

R.T.: 10.750 min
Delta R.T.: 0.000 min
Response: 859355045
Conc: 129.61 ng/ml