

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031621\
 Data File : PL065352.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 21:51
 Operator : AR\AJ
 Sample : M1458-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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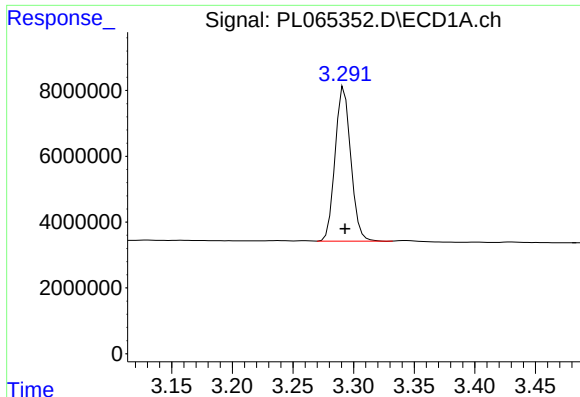
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 05:41:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031621.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 04:35:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.292	3.883	42071940	50685563	17.302	17.557
28)	SA Decachlor...	7.936	8.890	44919439	36897334	18.294	18.138
Target Compounds							
2)	A alpha-BHC	3.716	4.273	8642697	9066843	2.242	2.090
3)	MA gamma-BHC...	3.989	4.557	6916814	8365854	1.970	2.114
4)	MA Heptachlor	4.275	5.051	6478716	9062254	1.892	2.421 #
5)	MB Aldrin	4.513	5.352	6641046	7909091	2.025	2.207
6)	B beta-BHC	4.239	4.740	2916805	9246714	1.989	0.010 #
7)	B delta-BHC	4.433	4.951	6288091	7498849	1.830	2.070
8)	B Heptachlo...	4.946	5.741	6939737	8120880	2.225	2.548
9)	A Endosulfan I	5.274	6.096	6100696	6785083	2.134	2.272
10)	B gamma-Chl...	5.167	5.974	6818825	7265351	2.203m	2.280
11)	B alpha-Chl...	5.224	6.044	6753277	7147298	2.223	2.297
12)	B 4,4'-DDE	5.391	6.206	5690507	6657445	2.126	2.233
13)	MA Dieldrin	5.512	6.353	6143749	6986468	2.109	2.232
14)	MA Endrin	5.762	6.570	5654496	5323499	2.149	2.032
15)	B Endosulfa...	6.034	6.787	6317618	5686407	2.489	2.288
16)	A 4,4'-DDD	5.897	6.699	4915023	6810269	2.208	2.697
17)	MA 4,4'-DDT	6.131	6.995	2717739	3910641	1.411	1.755
18)	B Endrin al...	6.201	6.912	4576565	4381593	2.278	2.224
19)	B Endosulfa...	6.412	7.134	5679957	5792109	2.142	2.306
20)	A Methoxychlor	6.676	7.458	1966279	2103535	1.761m	1.872m
21)	B Endrin ke...	6.890	7.604	6037705	6287353	2.123	2.309
22)	Mirex	7.063	8.043	5208880	4228159	2.385	2.340

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



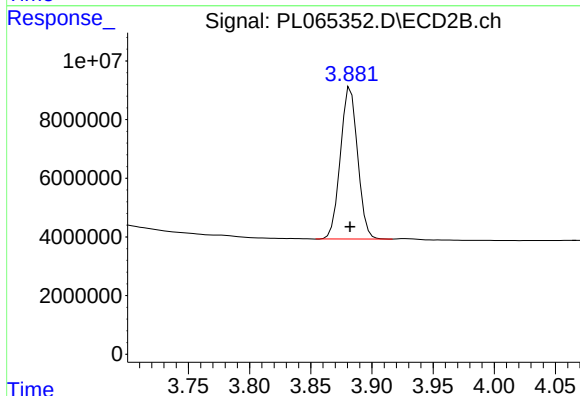
#1 Tetrachloro-m-xylene

R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 42071940
Conc: 17.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

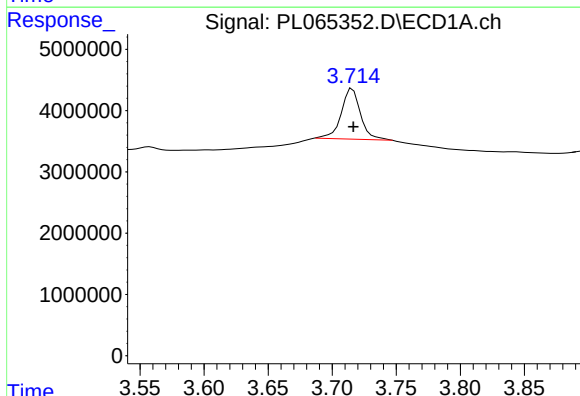
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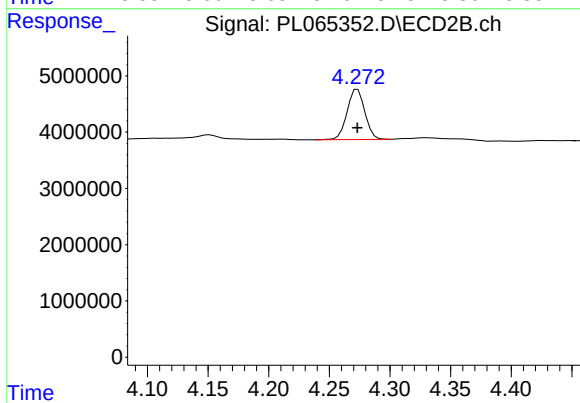
#1 Tetrachloro-m-xylene

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 50685563
Conc: 17.56 ng/ml



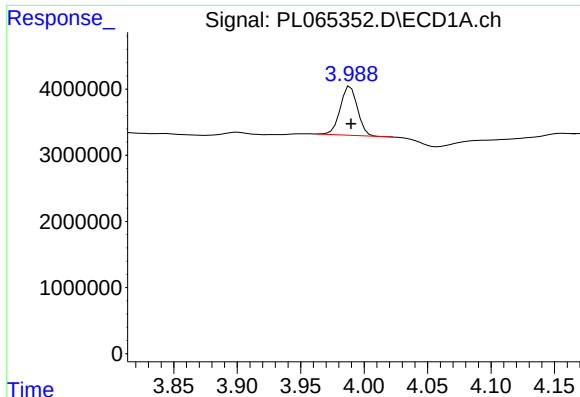
#2 alpha-BHC

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 8642697
Conc: 2.24 ng/ml



#2 alpha-BHC

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 9066843
Conc: 2.09 ng/ml



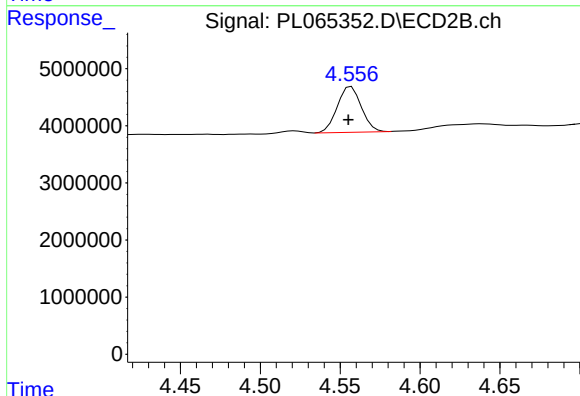
#3 gamma-BHC (Lindane)

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 6916814
Conc: 1.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

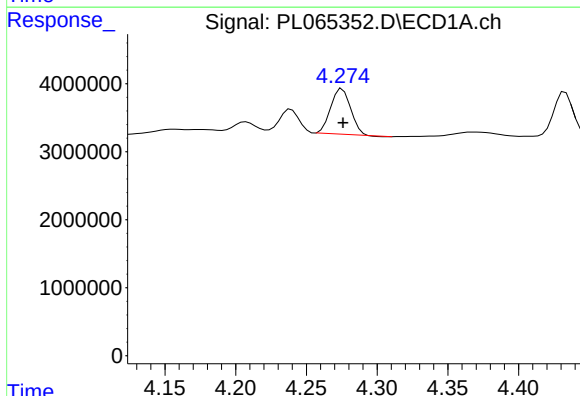
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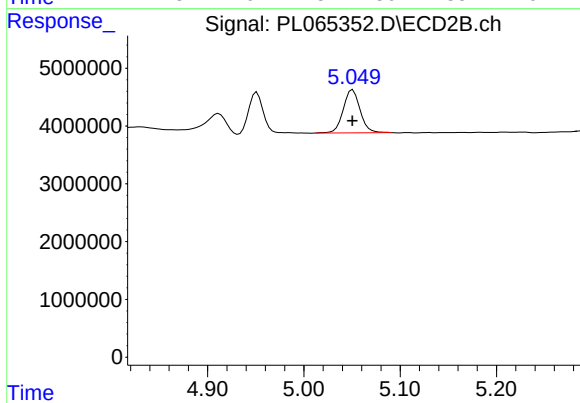
#3 gamma-BHC (Lindane)

R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 8365854
Conc: 2.11 ng/ml



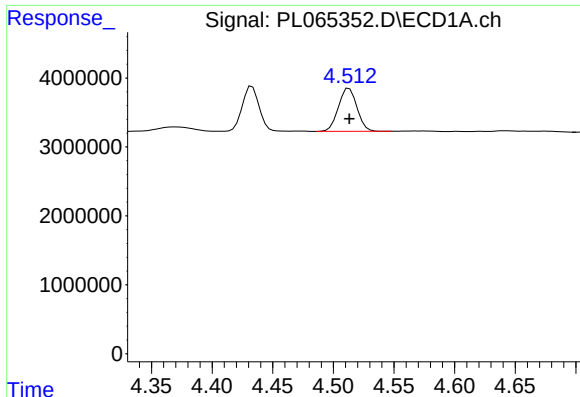
#4 Heptachlor

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 6478716
Conc: 1.89 ng/ml



#4 Heptachlor

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 9062254
Conc: 2.42 ng/ml



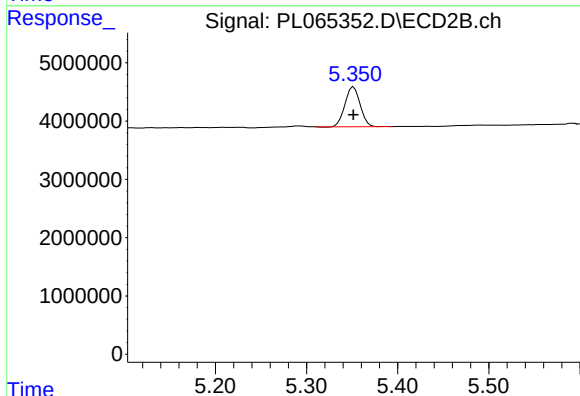
#5 Aldrin

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 6641046
Conc: 2.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

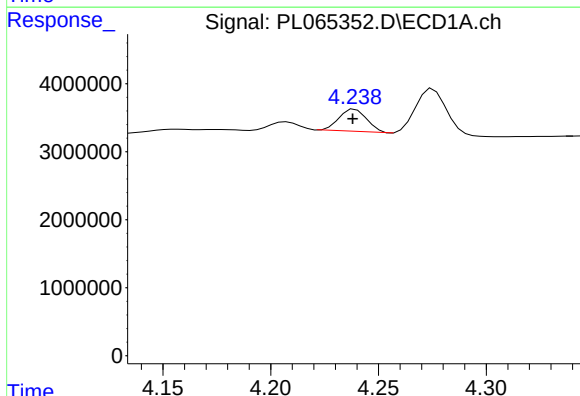
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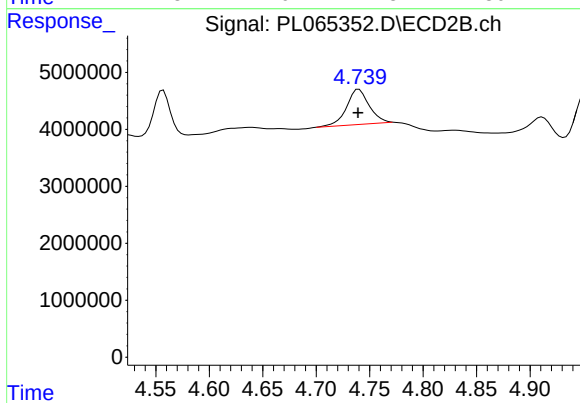
#5 Aldrin

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 7909091
Conc: 2.21 ng/ml



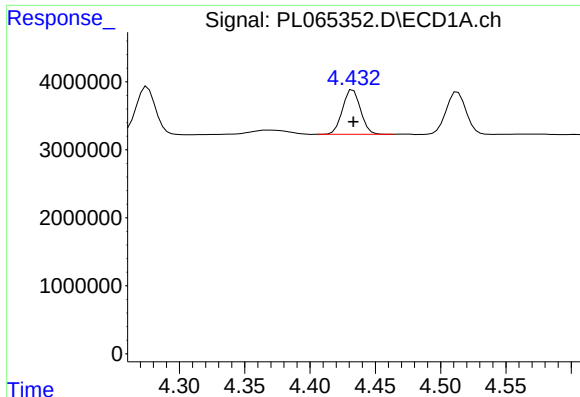
#6 beta-BHC

R.T.: 4.239 min
Delta R.T.: 0.001 min
Response: 2916805
Conc: 1.99 ng/ml



#6 beta-BHC

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 9246714
Conc: 0.01 ng/ml



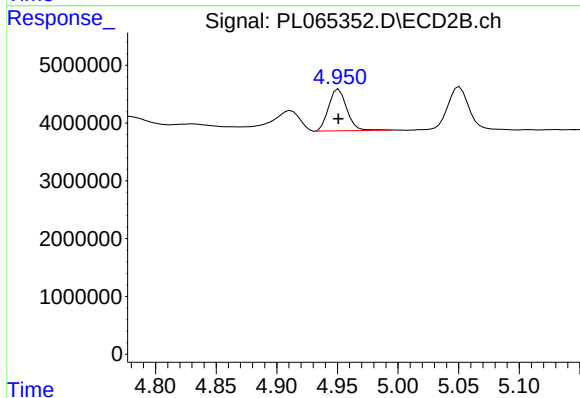
#7 delta-BHC

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 6288091
Conc: 1.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

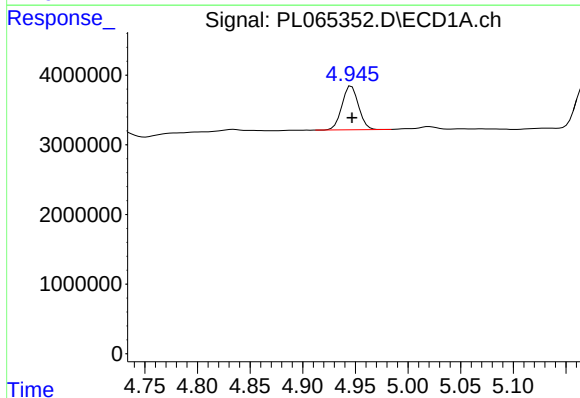
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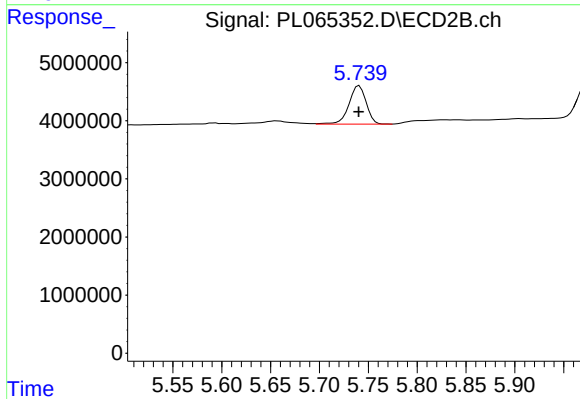
#7 delta-BHC

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 7498849
Conc: 2.07 ng/ml



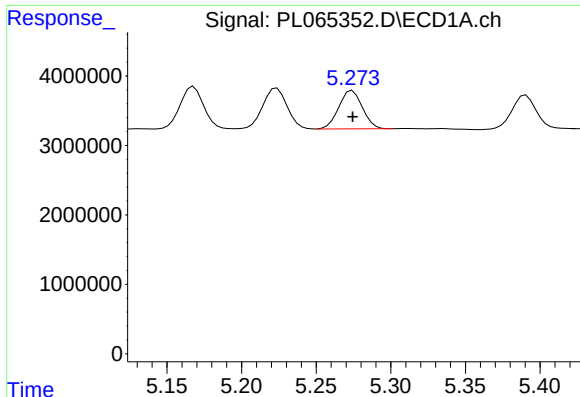
#8 Heptachlor epoxide

R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 6939737
Conc: 2.22 ng/ml



#8 Heptachlor epoxide

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 8120880
Conc: 2.55 ng/ml



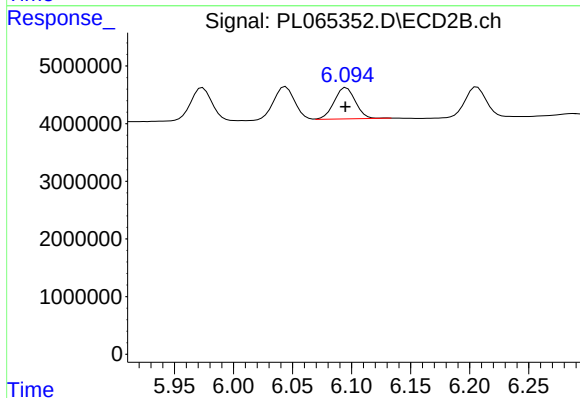
#9 Endosulfan I

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 6100696
Conc: 2.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

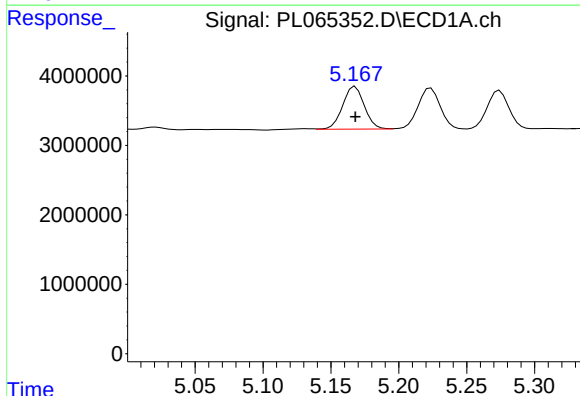
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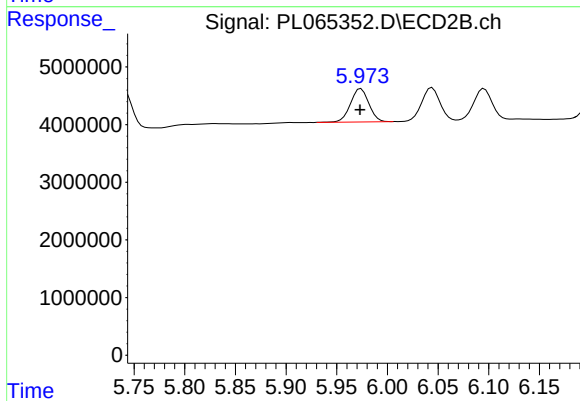
#9 Endosulfan I

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 6785083
Conc: 2.27 ng/ml



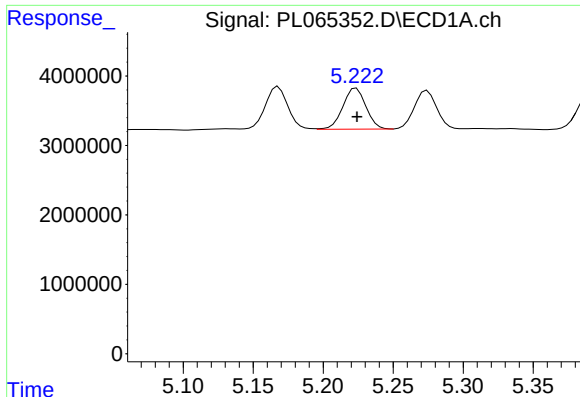
#10 gamma-Chlordane

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 6818825
Conc: 2.20 ng/ml m



#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 7265351
Conc: 2.28 ng/ml



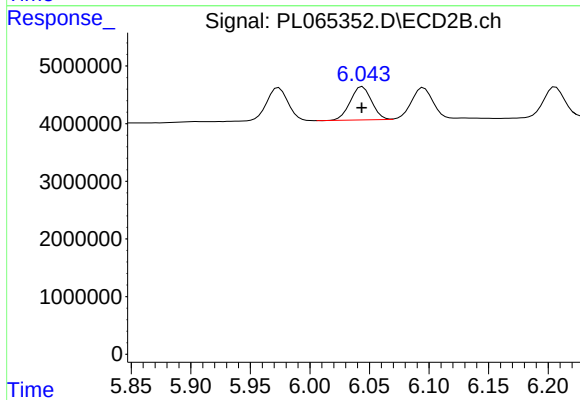
#11 alpha-Chlordane

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 6753277
Conc: 2.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

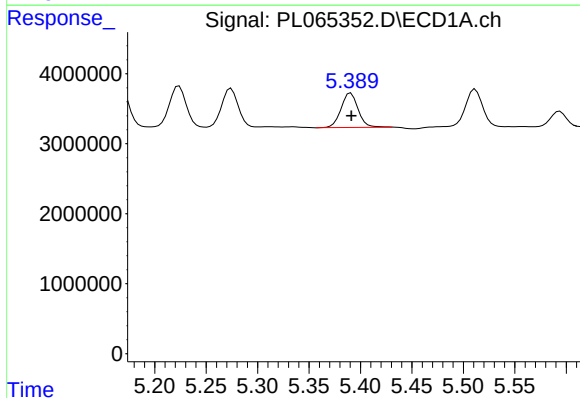
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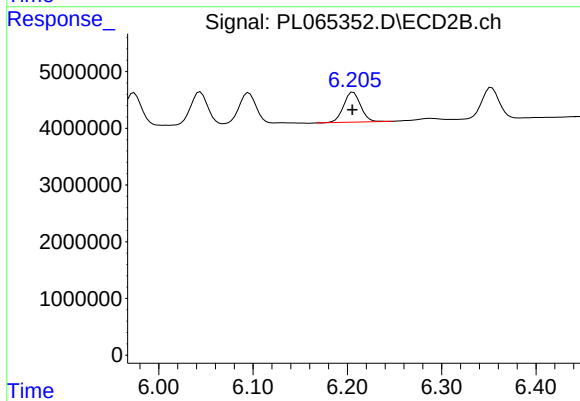
#11 alpha-Chlordane

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 7147298
Conc: 2.30 ng/ml



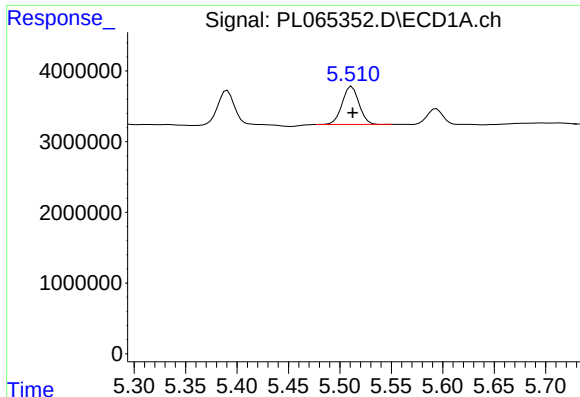
#12 4,4'-DDE

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 5690507
Conc: 2.13 ng/ml



#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 6657445
Conc: 2.23 ng/ml



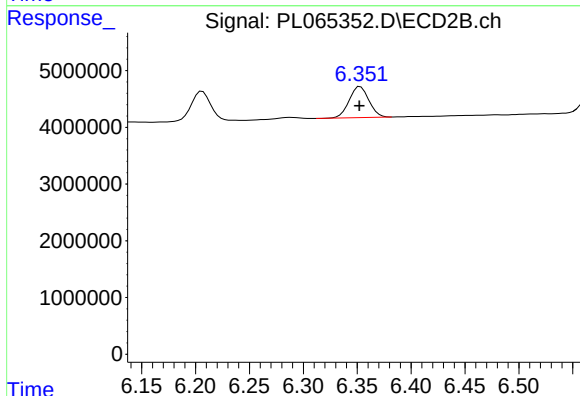
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 6143749
Conc: 2.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

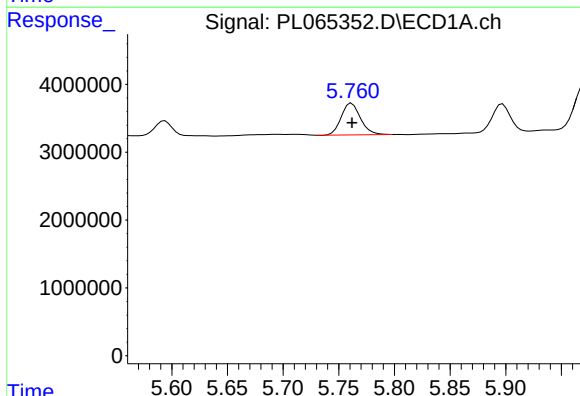
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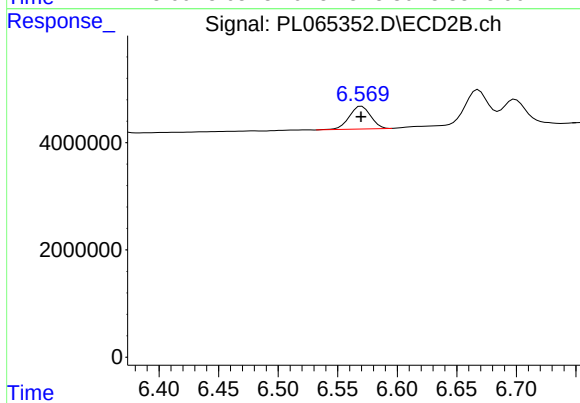
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 6986468
Conc: 2.23 ng/ml



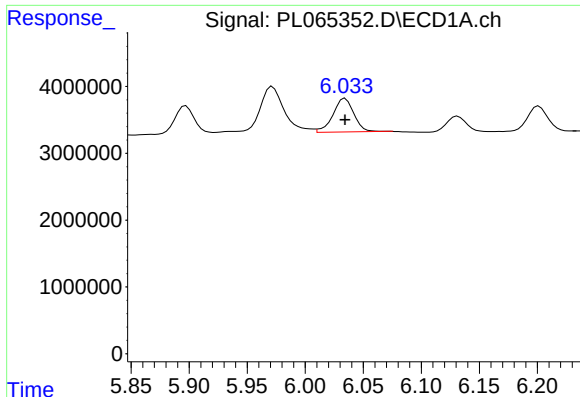
#14 Endrin

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 5654496
Conc: 2.15 ng/ml



#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 5323499
Conc: 2.03 ng/ml



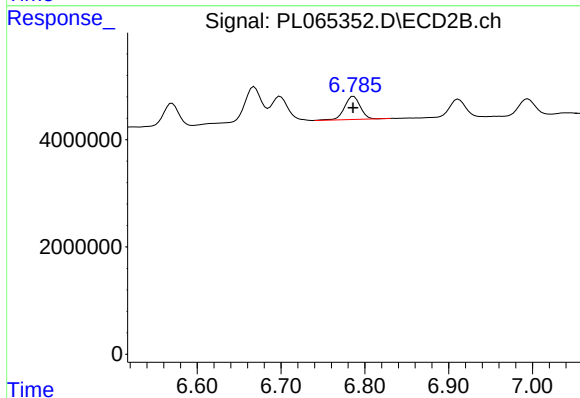
#15 Endosulfan II

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 6317618
Conc: 2.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

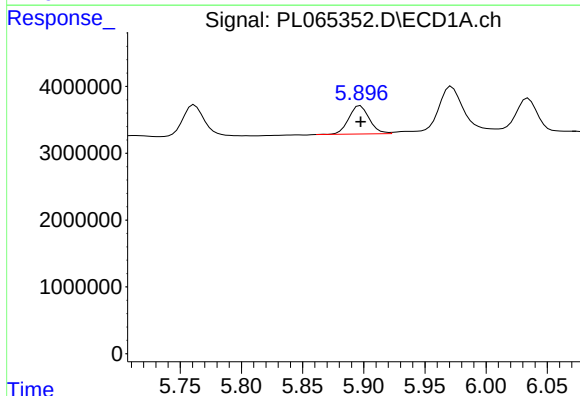
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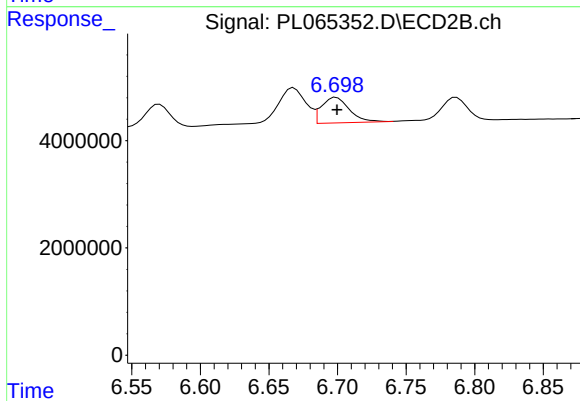
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 5686407
Conc: 2.29 ng/ml



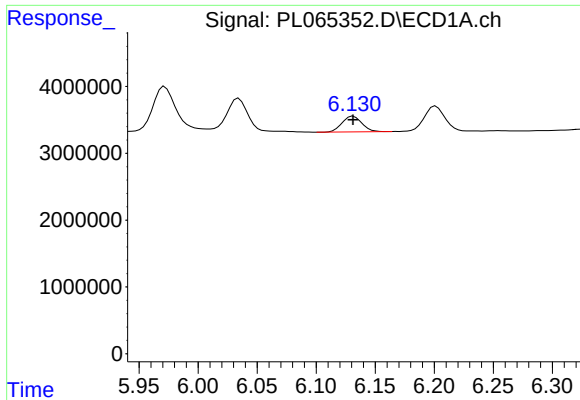
#16 4,4'-DDD

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 4915023
Conc: 2.21 ng/ml



#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 6810269
Conc: 2.70 ng/ml



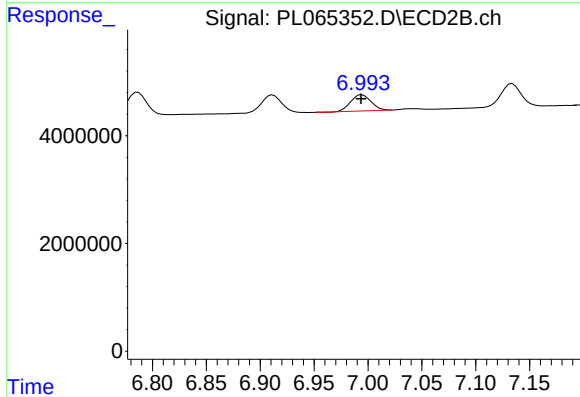
#17 4,4'-DDT

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 2717739
Conc: 1.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

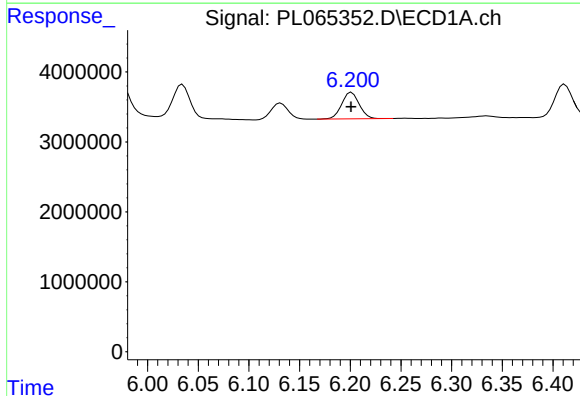
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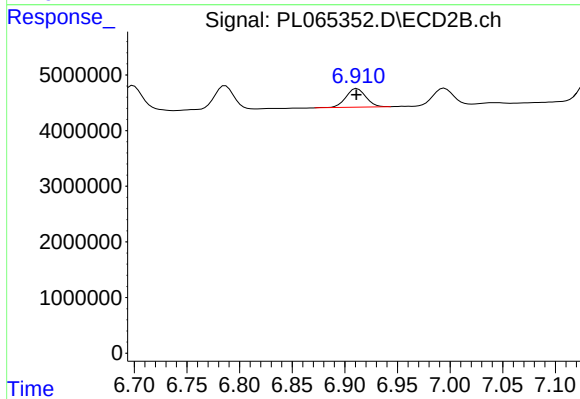
#17 4,4'-DDT

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 3910641
Conc: 1.75 ng/ml



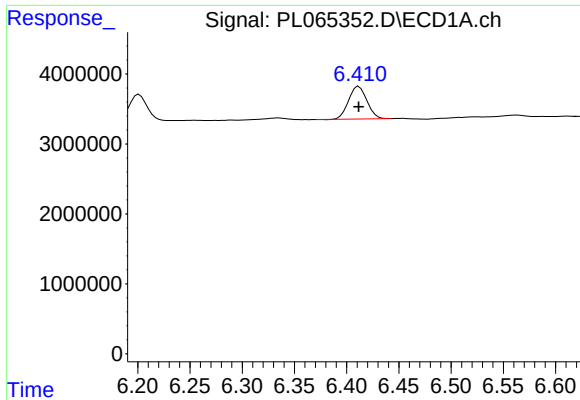
#18 Endrin aldehyde

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 4576565
Conc: 2.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 4381593
Conc: 2.22 ng/ml



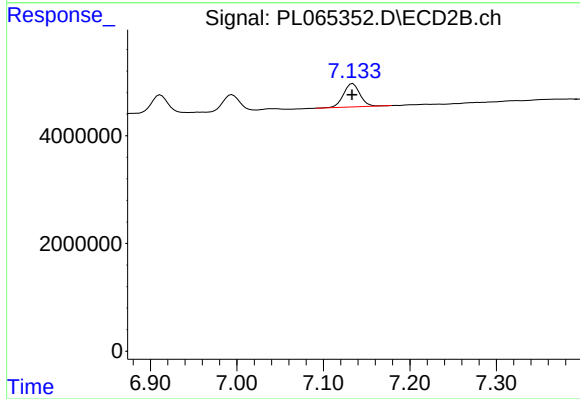
#19 Endosulfan Sulfate

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 5679957
Conc: 2.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

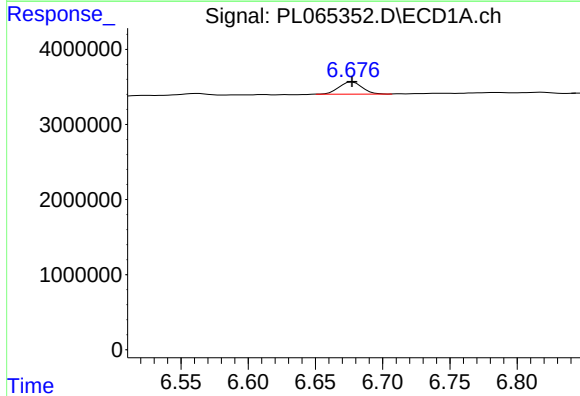
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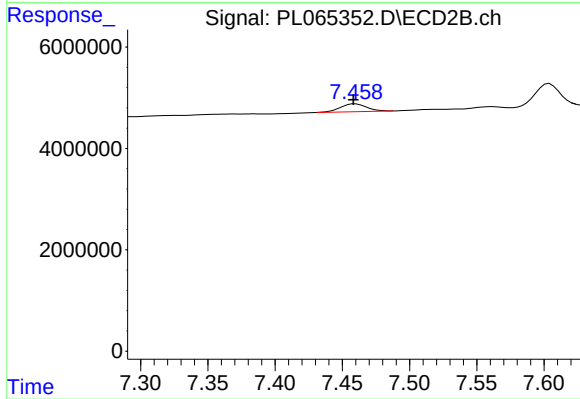
#19 Endosulfan Sulfate

R.T.: 7.134 min
Delta R.T.: 0.001 min
Response: 5792109
Conc: 2.31 ng/ml



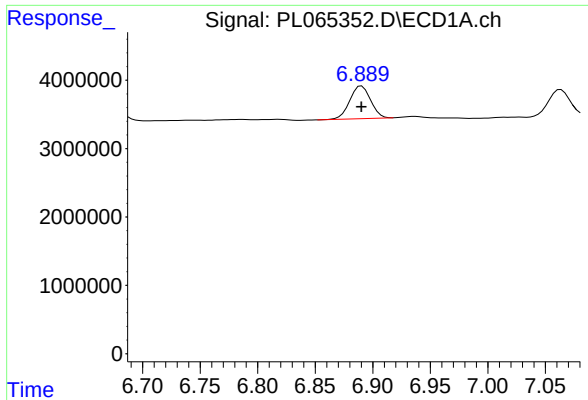
#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 1966279
Conc: 1.76 ng/ml m



#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 2103535
Conc: 1.87 ng/ml m



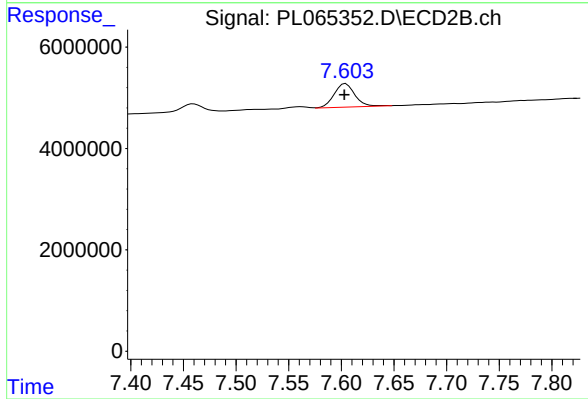
#21 Endrin ketone

R.T.: 6.890 min
Delta R.T.: 0.000 min
Response: 6037705
Conc: 2.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

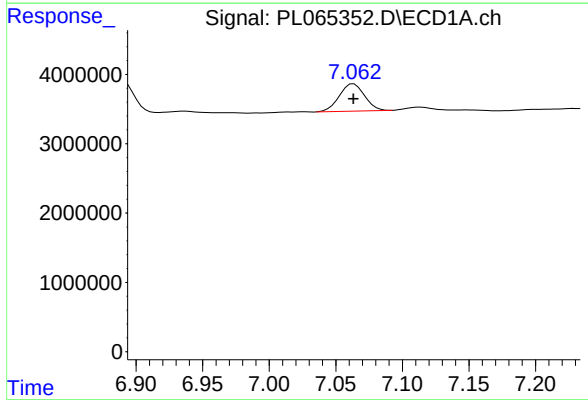
Manual Integrations
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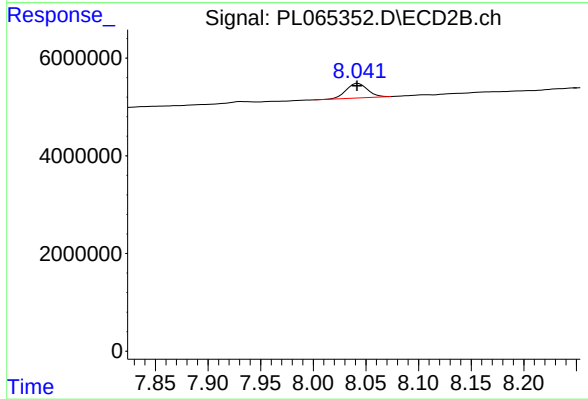
#21 Endrin ketone

R.T.: 7.604 min
Delta R.T.: 0.001 min
Response: 6287353
Conc: 2.31 ng/ml



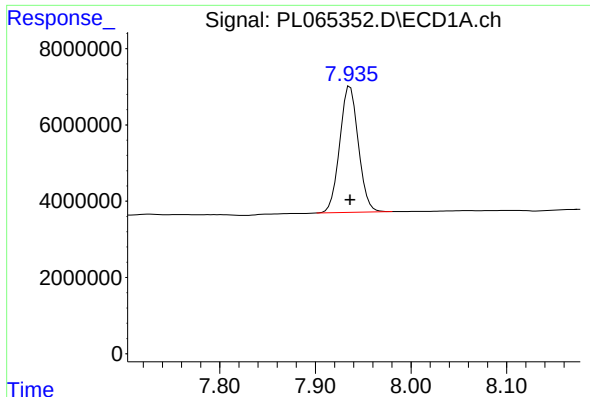
#22 Mirex

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 5208880
Conc: 2.38 ng/ml



#22 Mirex

R.T.: 8.043 min
Delta R.T.: 0.001 min
Response: 4228159
Conc: 2.34 ng/ml



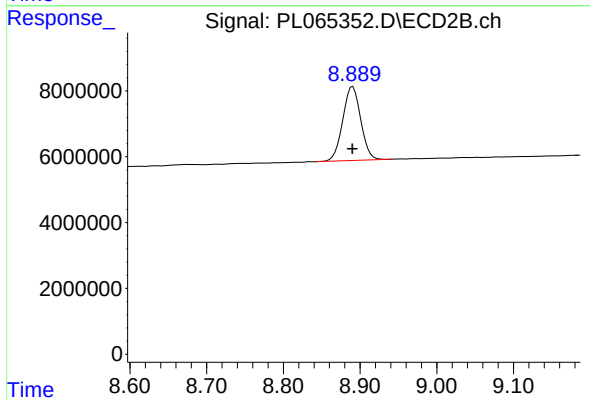
#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 44919439
Conc: 18.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.890 min
Delta R.T.: 0.000 min
Response: 36897334
Conc: 18.14 ng/ml