

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031621\
 Data File : PL065351.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 21:37
 Operator : AR\AJ
 Sample : M1458-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 25 Sample Multiplier: 1

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

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 05:41:08 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	43926457	52813564	18.065	18.294
28)	SA Decachlor...	7.936	8.890	46264921	38017887	18.842	18.689
Target Compounds							
2)	A alpha-BHC	3.714	4.274	3335867	4117916	0.865m	0.949
3)	MA gamma-BHC...	3.989	4.557	3441770	3974389	0.980	1.004
4)	MA Heptachlor	4.275	5.050	2638887	4226177	0.771	1.129m#
5)	MB Aldrin	4.512	5.351	3103693	3771265	0.946	1.052
6)	B beta-BHC	4.237	4.738	2268561	9735032	1.547m	0.332m#
7)	B delta-BHC	4.432	4.952	3147091	4093100	0.916	1.130
8)	B Heptachlo...	4.946	5.740	3271194	3991484	1.049	1.252
9)	A Endosulfan I	5.273	6.095	2913738	3380260	1.019	1.132
10)	B gamma-Chl...	5.166	5.973	3417198	3521258	1.104m	1.105
11)	B alpha-Chl...	5.223	6.044	3233654	3542059	1.064	1.138
12)	B 4,4'-DDE	5.390	6.207	2557341	3102784	0.956	1.041
13)	MA Dieldrin	5.511	6.353	2758287	3397679	0.947	1.085
14)	MA Endrin	5.761	6.571	2527272	2286590	0.961	0.873
15)	B Endosulfa...	6.033	6.787	3304767	2744096	1.302	1.104
16)	A 4,4'-DDD	5.895	6.699	2218912	3677052	0.997m	1.456 #
17)	MA 4,4'-DDT	6.129	6.994	1308357	1934346	0.679m	0.868m#
18)	B Endrin al...	6.200	6.910	2222113	2314138	1.106m	1.175m
19)	B Endosulfa...	6.412	7.134	2734968	2655647	1.032	1.057
20)	A Methoxychlor	6.675	7.458	1012428	1132724	0.907m	1.008m
21)	B Endrin ke...	6.890	7.604	2786932	2762384	0.980	1.015
22)	Mirex	7.061	8.041	2398738	2179590	1.098m	1.206m

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

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 Data File : PL065351.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 21:37
 Operator : AR\AJ
 Sample : M1458-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 25 Sample Multiplier: 1

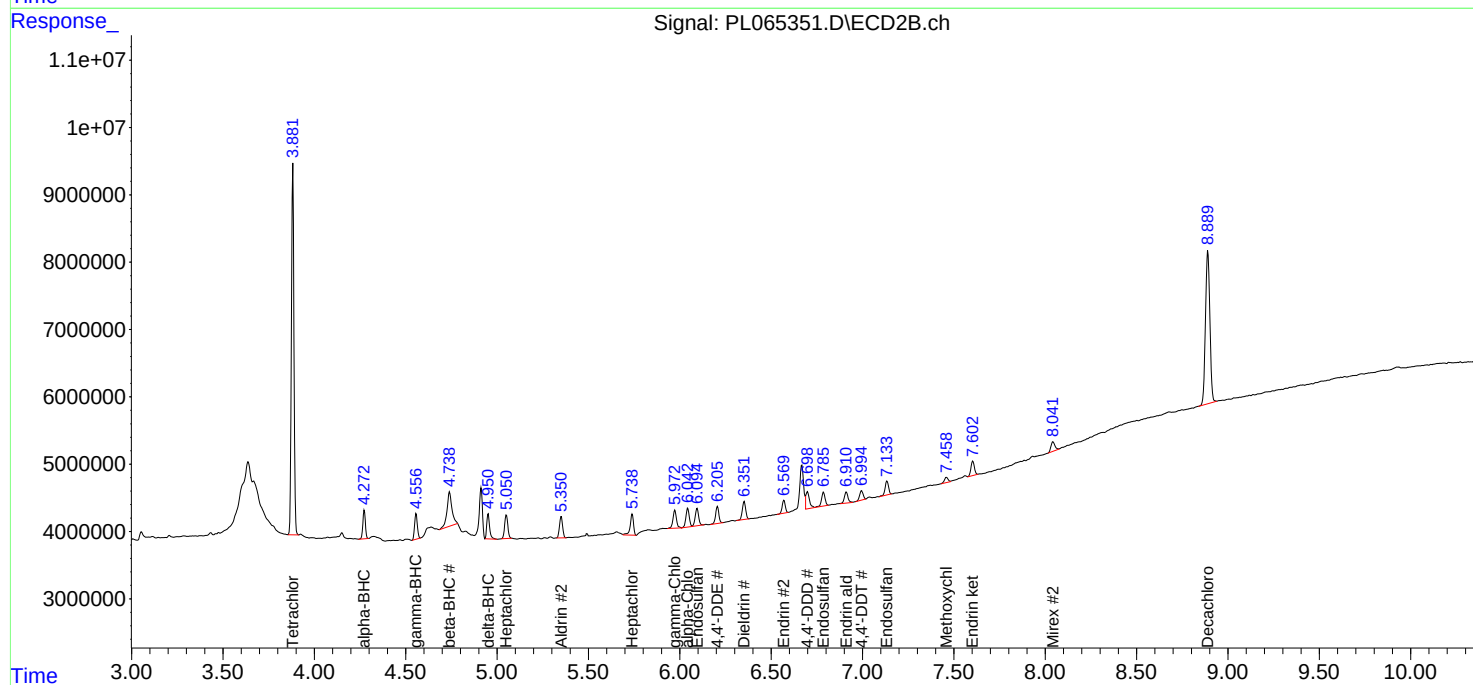
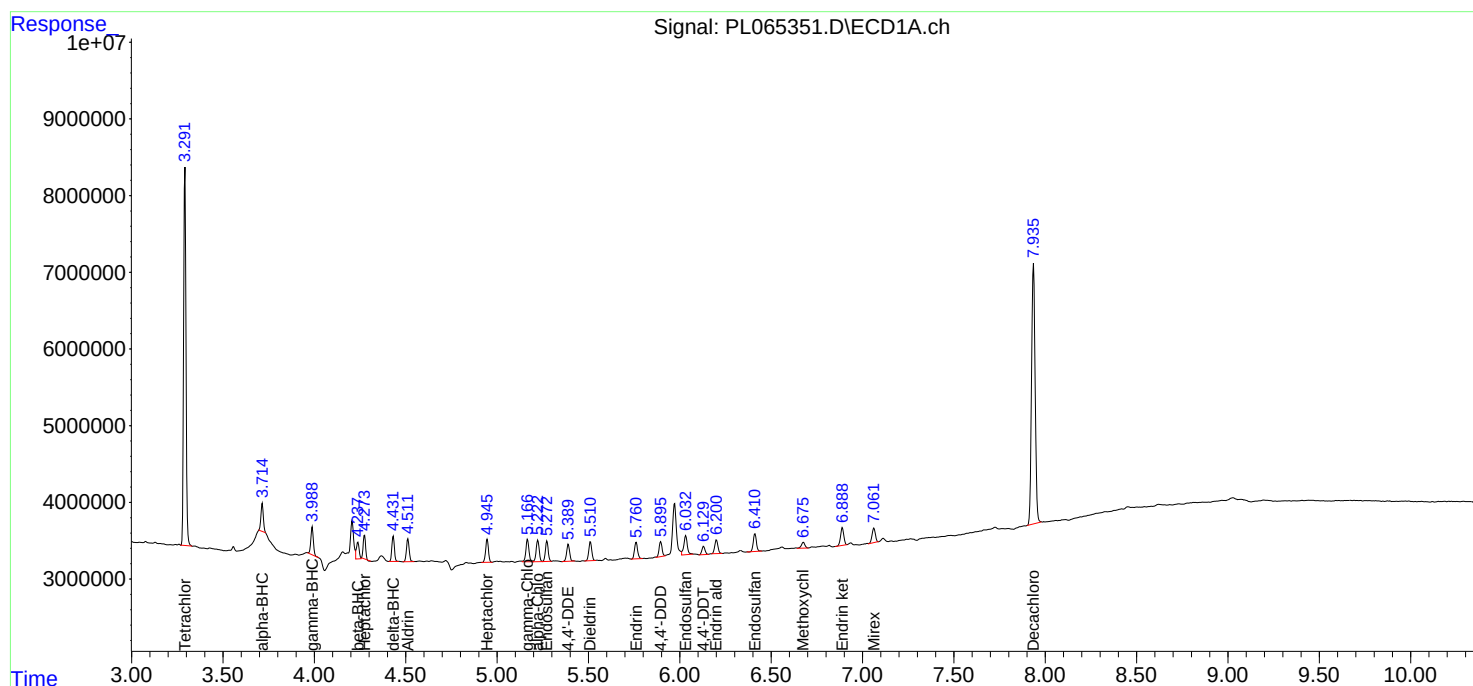
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

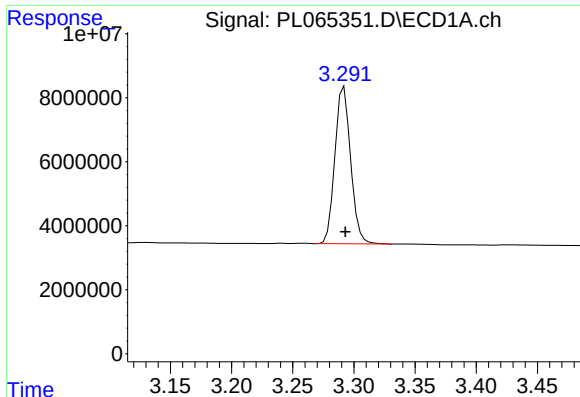
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 05:41:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031621.M
 Quant Title : GC Extractables
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Volume 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





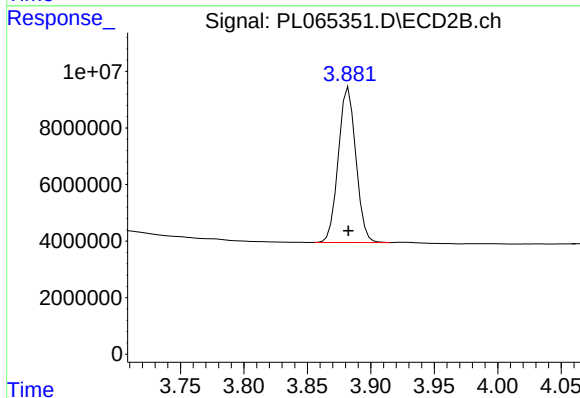
#1 Tetrachloro-m-xylene

R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 43926457
Conc: 18.06 ng/ml

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

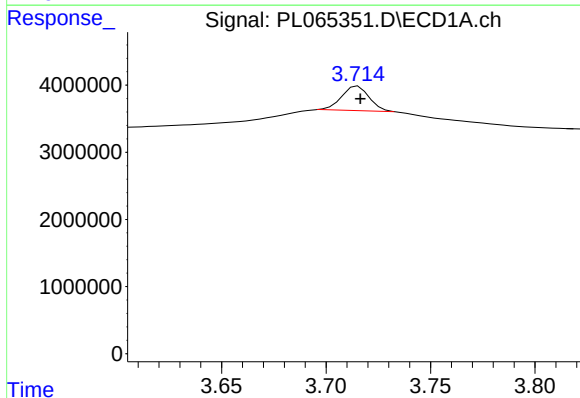
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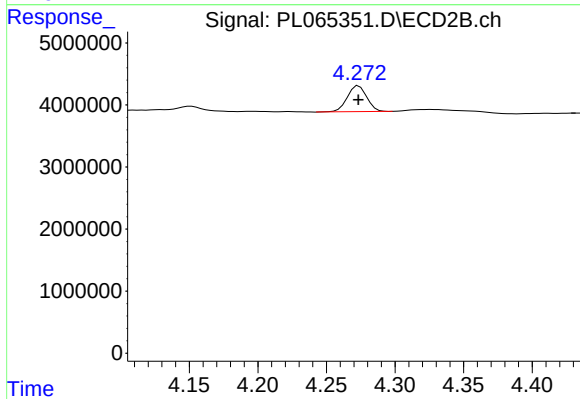
#1 Tetrachloro-m-xylene

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 52813564
Conc: 18.29 ng/ml



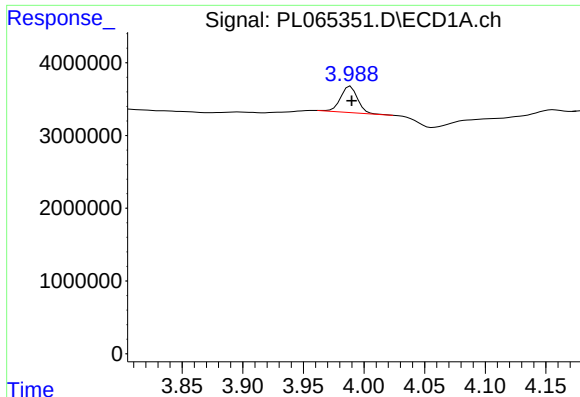
#2 alpha-BHC

R.T.: 3.714 min
Delta R.T.: -0.002 min
Response: 3335867
Conc: 0.87 ng/ml m



#2 alpha-BHC

R.T.: 4.274 min
Delta R.T.: 0.000 min
Response: 4117916
Conc: 0.95 ng/ml



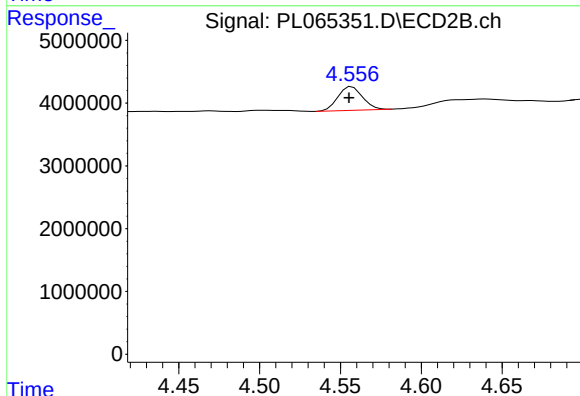
#3 gamma-BHC (Lindane)

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 3441770
Conc: 0.98 ng/ml

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

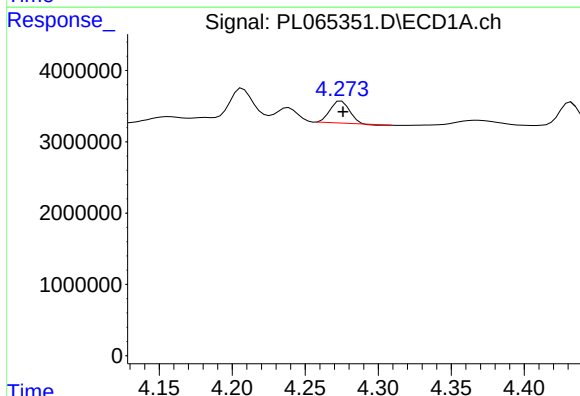
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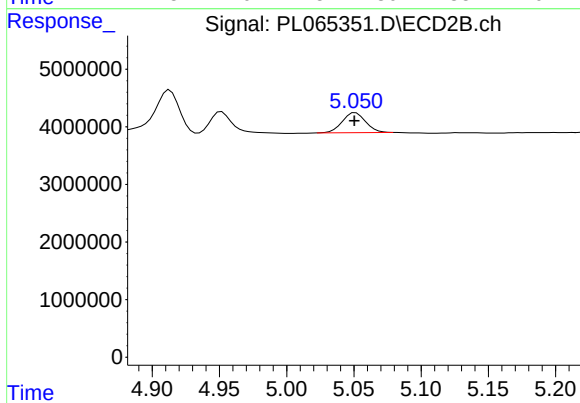
#3 gamma-BHC (Lindane)

R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 3974389
Conc: 1.00 ng/ml



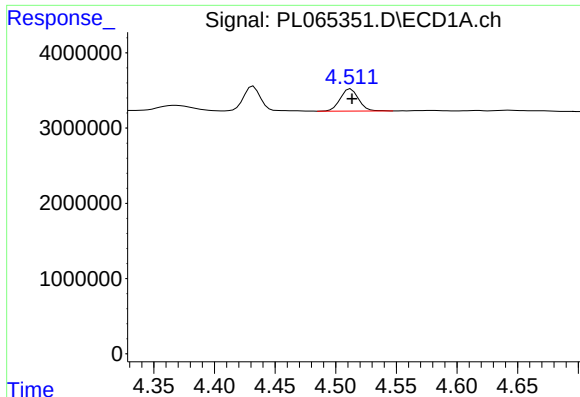
#4 Heptachlor

R.T.: 4.275 min
Delta R.T.: -0.001 min
Response: 2638887
Conc: 0.77 ng/ml



#4 Heptachlor

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 4226177
Conc: 1.13 ng/ml m



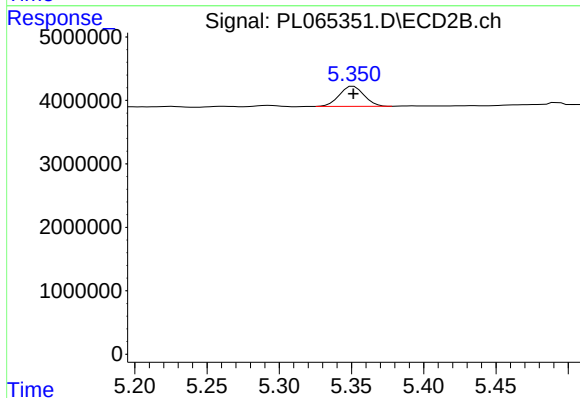
#5 Aldrin

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 3103693
Conc: 0.95 ng/ml

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

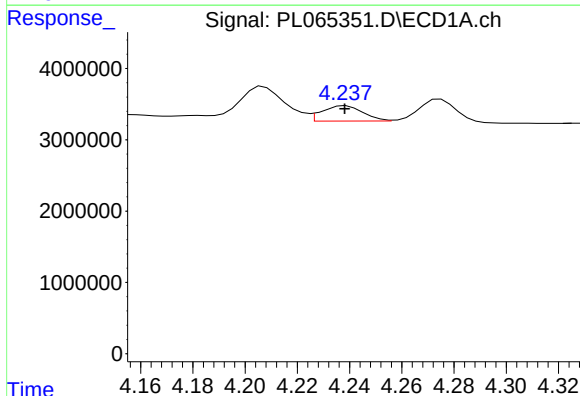
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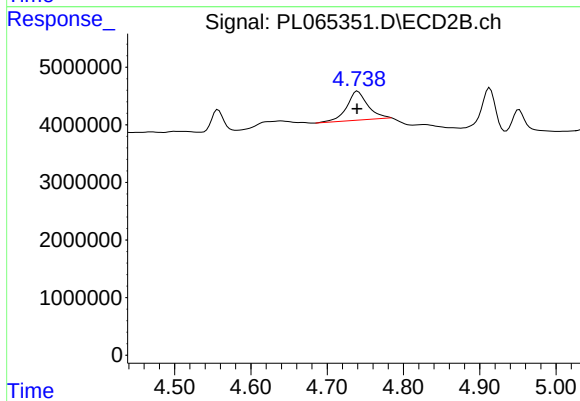
#5 Aldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 3771265
Conc: 1.05 ng/ml



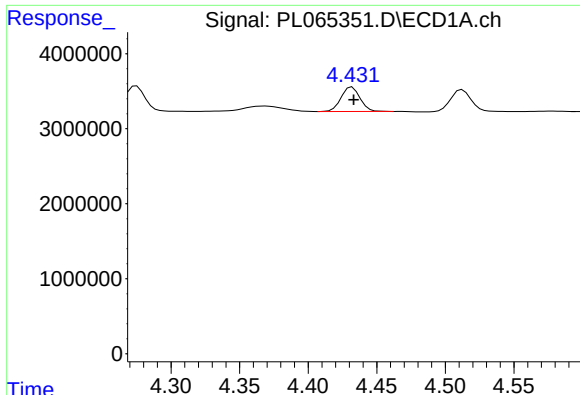
#6 beta-BHC

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 2268561
Conc: 1.55 ng/ml m



#6 beta-BHC

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 9735032
Conc: 0.33 ng/ml m



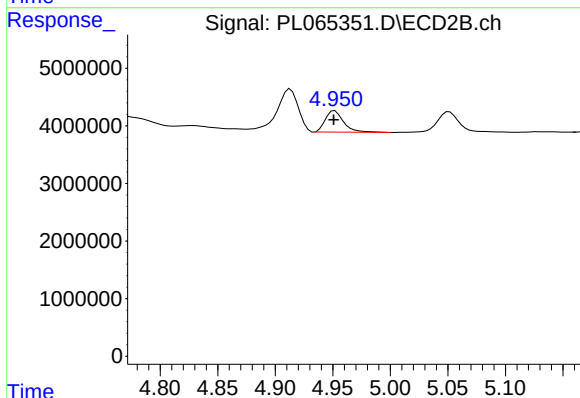
#7 delta-BHC

R.T.: 4.432 min
Delta R.T.: -0.001 min
Response: 3147091
Conc: 0.92 ng/ml

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

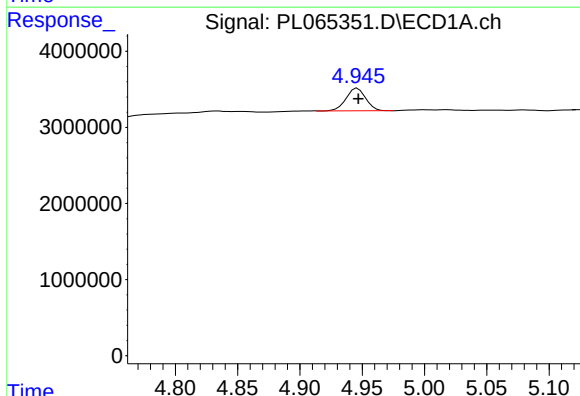
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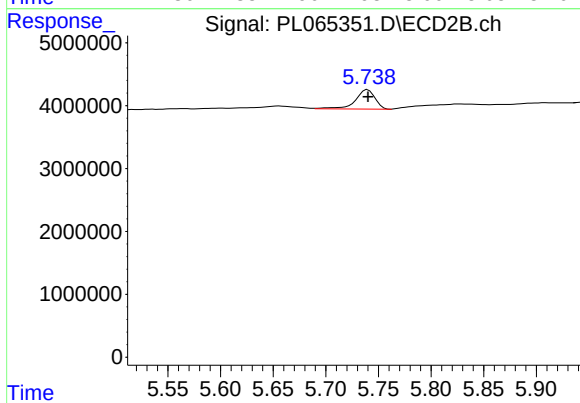
#7 delta-BHC

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 4093100
Conc: 1.13 ng/ml



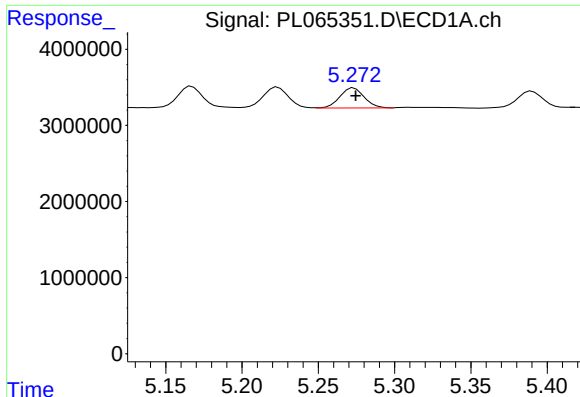
#8 Heptachlor epoxide

R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 3271194
Conc: 1.05 ng/ml



#8 Heptachlor epoxide

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 3991484
Conc: 1.25 ng/ml



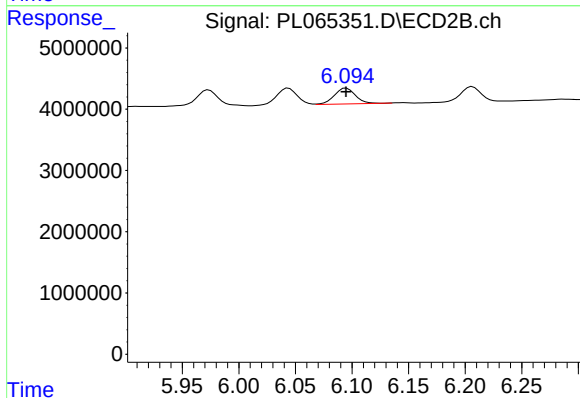
#9 Endosulfan I

R.T.: 5.273 min
Delta R.T.: -0.001 min
Response: 2913738
Conc: 1.02 ng/ml

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

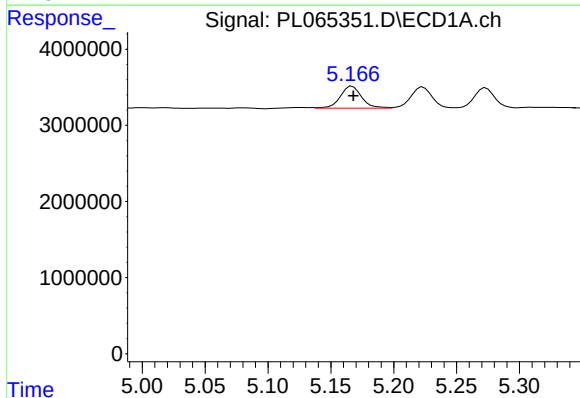
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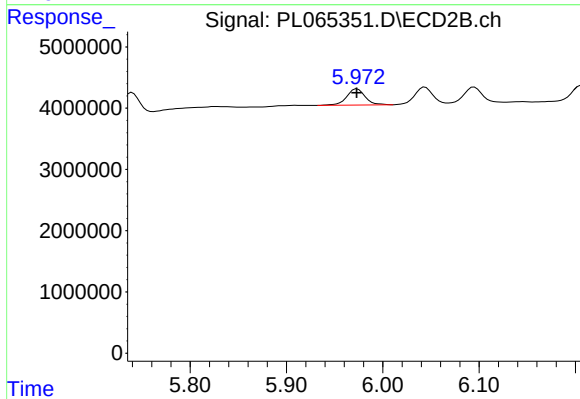
#9 Endosulfan I

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 3380260
Conc: 1.13 ng/ml



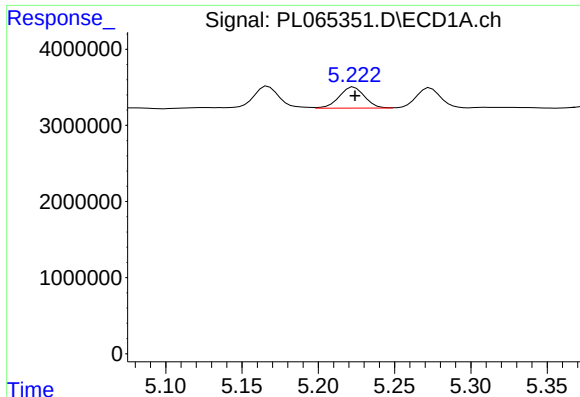
#10 gamma-Chlordane

R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 3417198
Conc: 1.10 ng/ml m



#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 3521258
Conc: 1.10 ng/ml



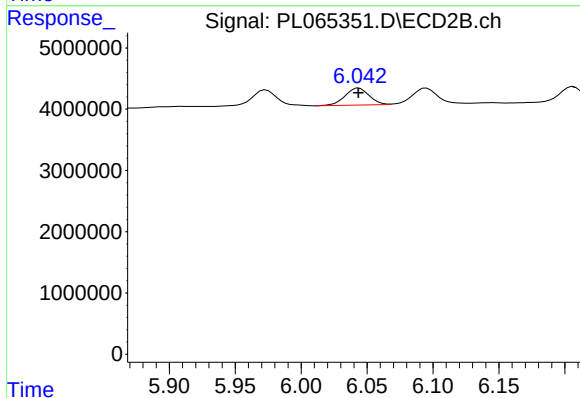
#11 alpha-Chlordane

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 3233654
Conc: 1.06 ng/ml

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

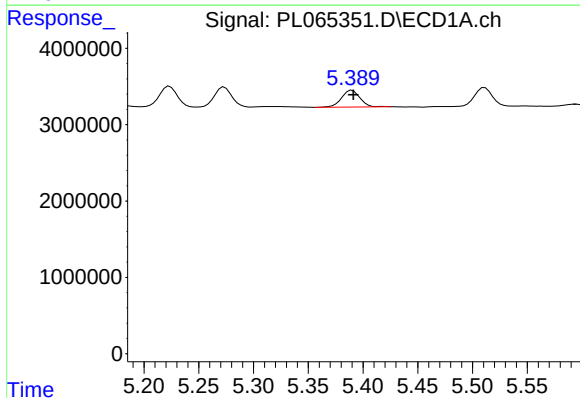
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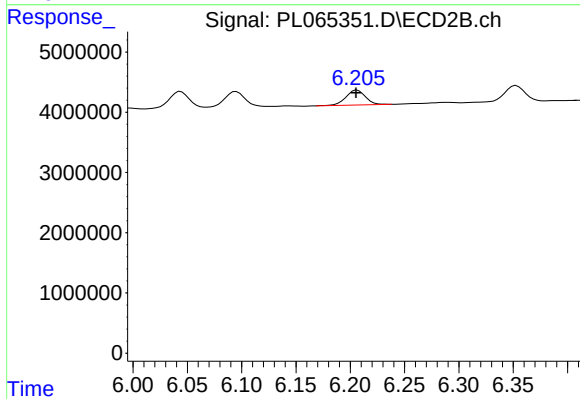
#11 alpha-Chlordane

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 3542059
Conc: 1.14 ng/ml



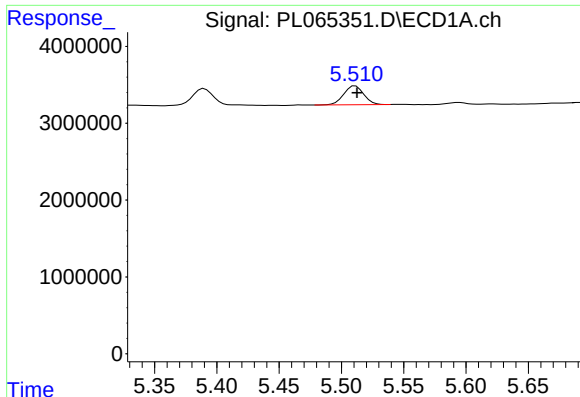
#12 4,4'-DDE

R.T.: 5.390 min
Delta R.T.: -0.001 min
Response: 2557341
Conc: 0.96 ng/ml



#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.001 min
Response: 3102784
Conc: 1.04 ng/ml



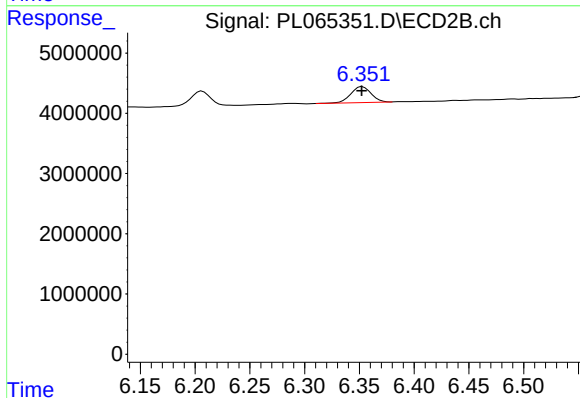
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 2758287
Conc: 0.95 ng/ml

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

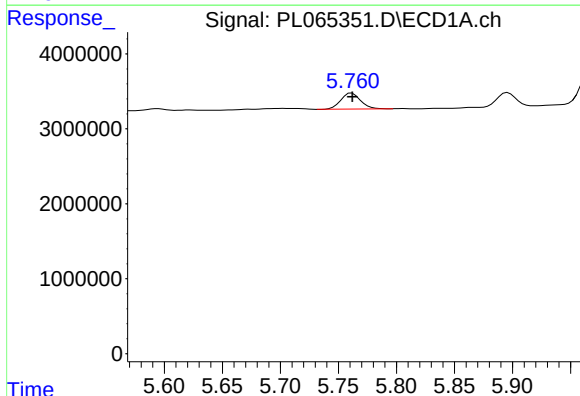
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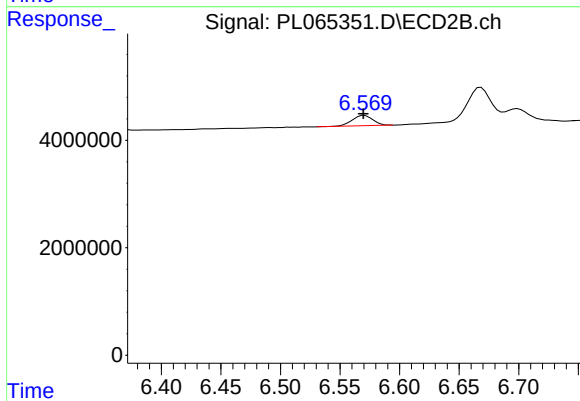
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 3397679
Conc: 1.09 ng/ml



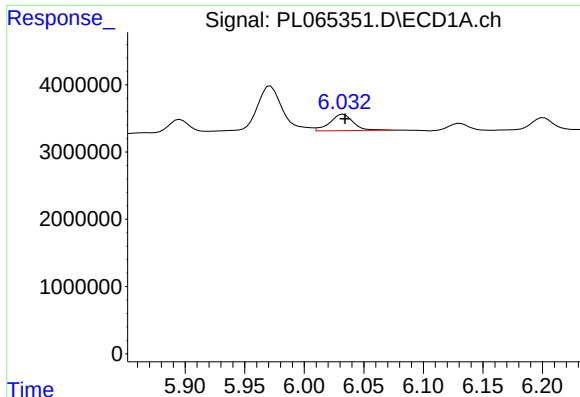
#14 Endrin

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 2527272
Conc: 0.96 ng/ml



#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 2286590
Conc: 0.87 ng/ml



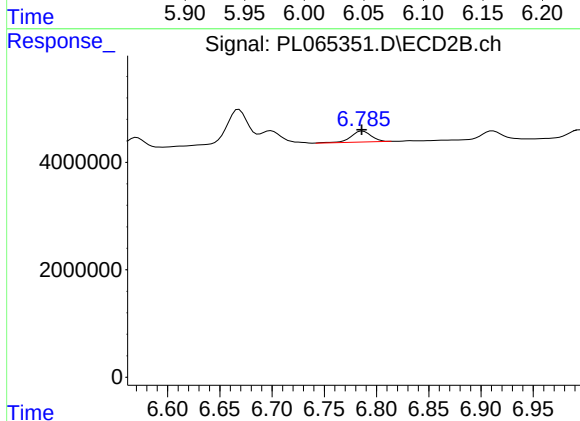
#15 Endosulfan II

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 3304767
Conc: 1.30 ng/ml

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

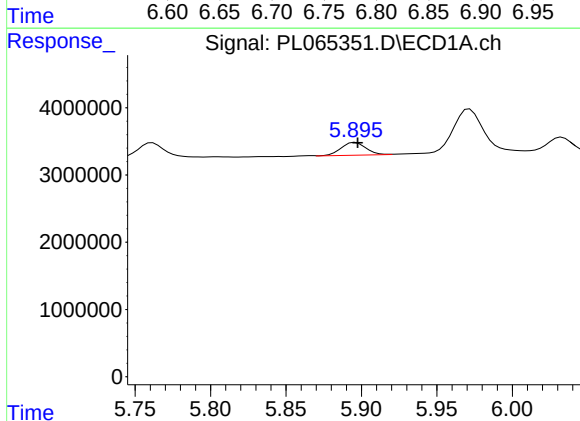
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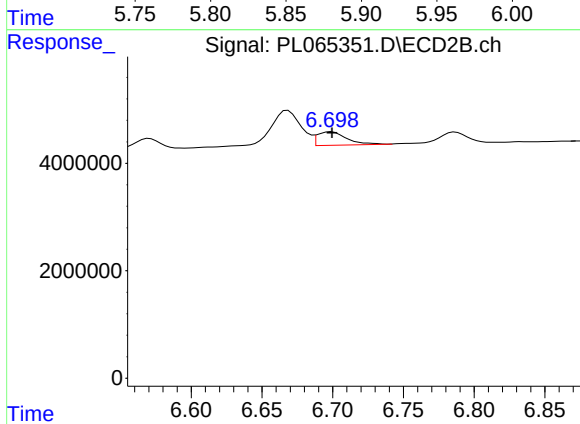
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 2744096
Conc: 1.10 ng/ml



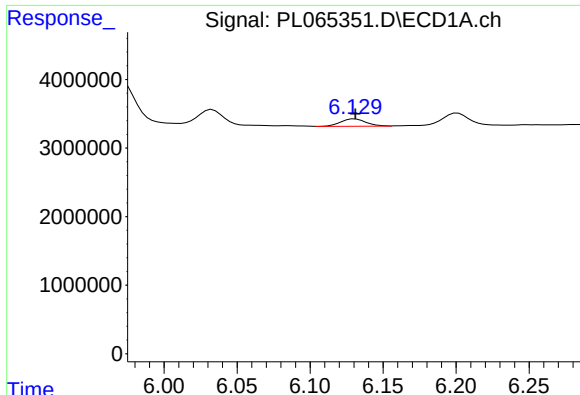
#16 4,4'-DDD

R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 2218912
Conc: 1.00 ng/ml m



#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 3677052
Conc: 1.46 ng/ml



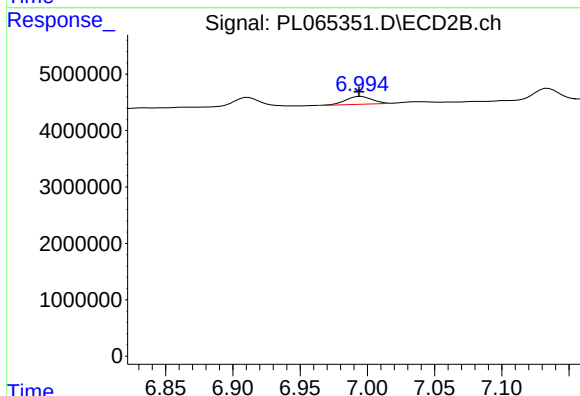
#17 4,4'-DDT

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 1308357
Conc: 0.68 ng/ml m

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

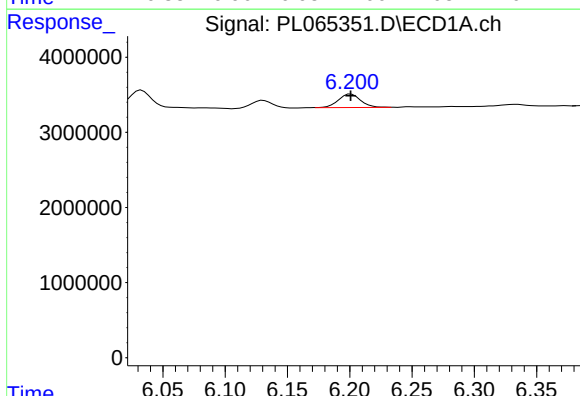
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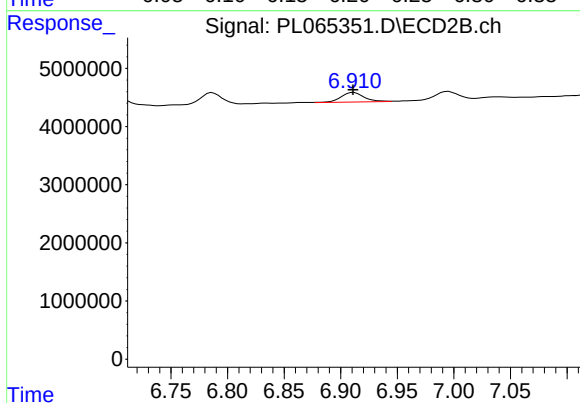
#17 4,4'-DDT

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 1934346
Conc: 0.87 ng/ml m



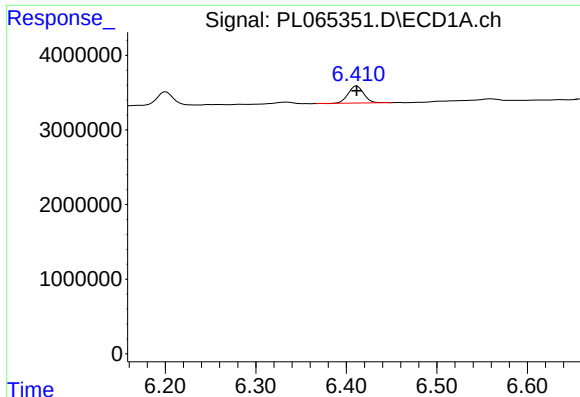
#18 Endrin aldehyde

R.T.: 6.200 min
Delta R.T.: -0.001 min
Response: 2222113
Conc: 1.11 ng/ml m



#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 2314138
Conc: 1.17 ng/ml m



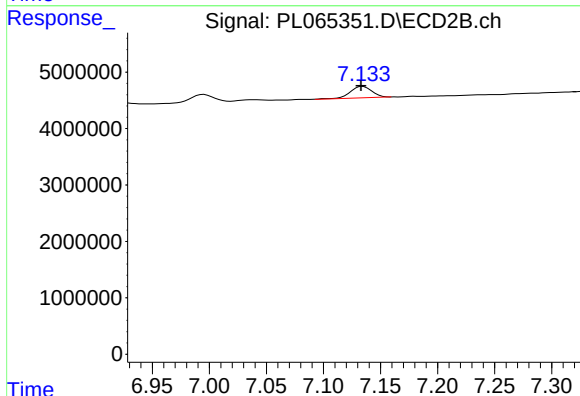
#19 Endosulfan Sulfate

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 2734968
Conc: 1.03 ng/ml

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

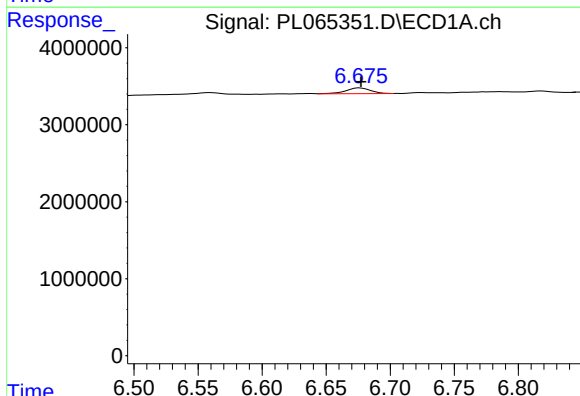
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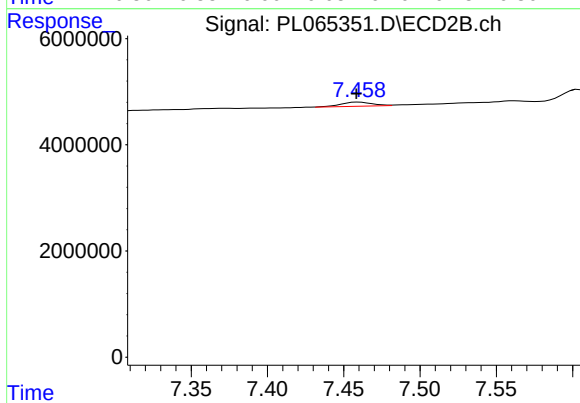
#19 Endosulfan Sulfate

R.T.: 7.134 min
Delta R.T.: 0.001 min
Response: 2655647
Conc: 1.06 ng/ml



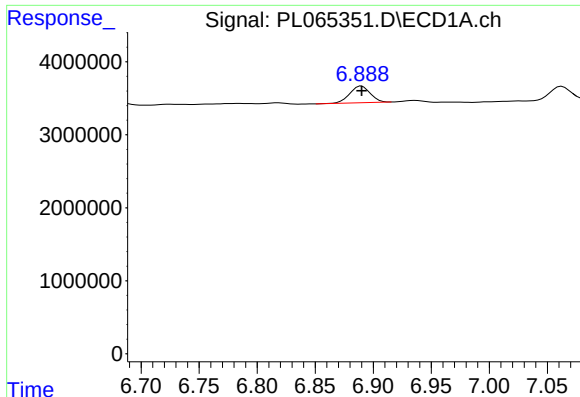
#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 1012428
Conc: 0.91 ng/ml m



#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 1132724
Conc: 1.01 ng/ml m



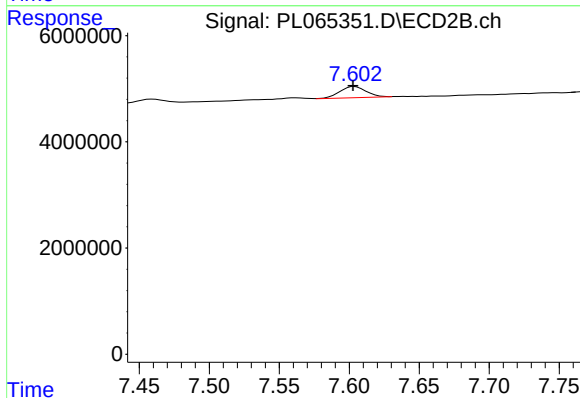
#21 Endrin ketone

R.T.: 6.890 min
Delta R.T.: 0.000 min
Response: 2786932
Conc: 0.98 ng/ml

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

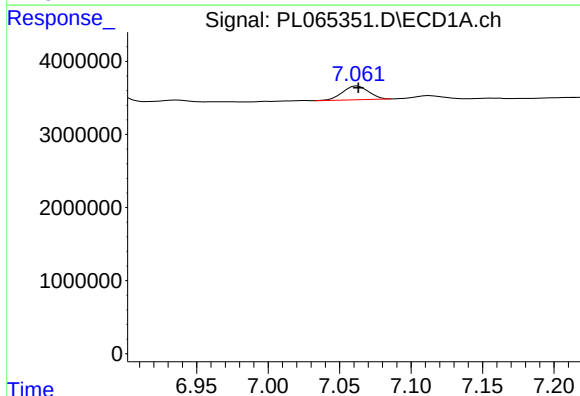
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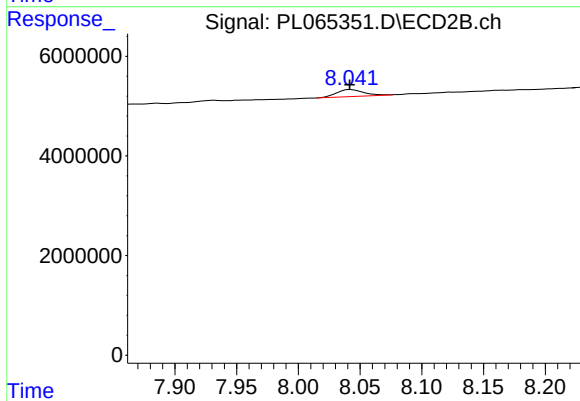
#21 Endrin ketone

R.T.: 7.604 min
Delta R.T.: 0.001 min
Response: 2762384
Conc: 1.01 ng/ml



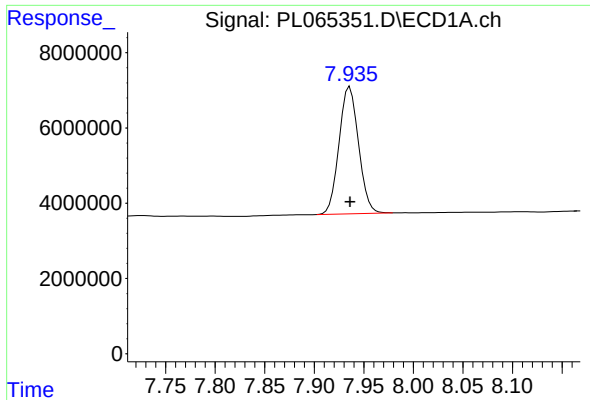
#22 Mirex

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 2398738
Conc: 1.10 ng/ml m



#22 Mirex

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 2179590
Conc: 1.21 ng/ml m



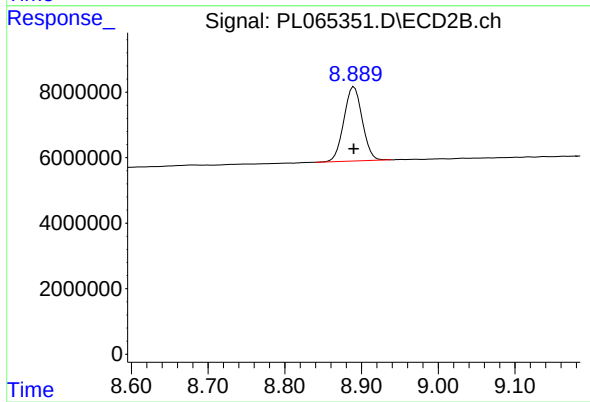
#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 46264921
Conc: 18.84 ng/ml

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

Manual Integrations
APPROVED

Ankita
3/18/2021 3:57:33 PM



#28 Decachlorobiphenyl

R.T.: 8.890 min
Delta R.T.: 0.000 min
Response: 38017887
Conc: 18.69 ng/ml