

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050821\
 Data File : PD062805.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2021 13:48
 Operator : AR\AJ
 Sample : M2262-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

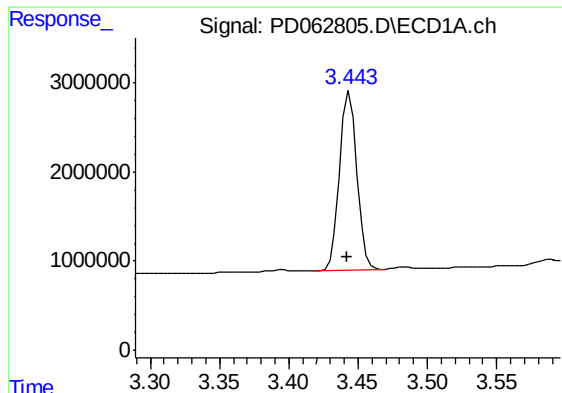
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 07:58:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050621.M
 Quant Title : GC Extractables
 QLast Update : Thu May 06 08:49:38 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.444	3.971	17711590	227.0E6	19.918	19.610
28)	SA Decachlor...	8.204	9.032	22273904	255.4E6	21.039	22.132
Target Compounds							
2)	A alpha-BHC	3.881	4.360	1283759	35117582	0.923	1.824 #
3)	MA gamma-BHC...	4.164	4.645	1331837	14407895	1.019	0.834
4)	MA Heptachlor	4.465	5.153	1089835	21402960	0.858	1.219 #
5)	MB Aldrin	4.714	5.458	976885	17898290	0.811	1.070 #
6)	B beta-BHC	4.417	4.816	601922	8458777	1.005	1.109
7)	B delta-BHC	4.619	5.030	1109311	60560382	0.823	3.355 #
8)	B Heptachlor...	5.157	5.847	1030016	37812162	0.890	2.367 #
9)	A Endosulfan I	5.496	6.200	957269	15321174	0.874	1.038
10)	B gamma-Chl...	5.385	6.078	1030349	15440400	0.875	0.970
11)	B alpha-Chl...	5.442	6.150	1017506	14415177	0.879	0.944
12)	B 4,4'-DDE	5.607	6.307	954223	13682980	0.830	0.864
13)	MA Dieldrin	5.740	6.457	1067822	16220500	0.889	1.004
14)	MA Endrin	5.998	6.675	1349632	17765014	1.214	1.264
15)	B Endosulfa...	6.271	6.884	1184917	14968314	1.137	1.120
16)	A 4,4'-DDD	6.124	6.797	600720	13016519	0.631	1.007 #
17)	MA 4,4'-DDT	6.365	7.096	965968	14315335	1.006	1.124
18)	B Endrin al...	6.440	7.008	1247413	14935513	1.337	1.280
19)	B Endosulfa...	6.654	7.231	828485	14105722	0.791	1.014 #
20)	A Methoxychlor	0.000	7.556	0	5892610	N.D.	0.883 #
21)	B Endrin ke...	7.146	7.702	989923	13373314	0.794	0.985
22)	Mirex	7.332	8.156	678314	28264156	0.741	3.086 #
24)	Chlordane-2	0.000	5.458f	0	17898290	N.D.	33.526 #
25)	Chlordane-3	5.385	6.078	1030349	15440400	8.695	6.909
26)	Chlordane-4	5.442	6.150	1017506	14415177	10.492	5.589 #
27)	Chlordane-5	6.271	0.000	1184917	0	27.181	N.D. #

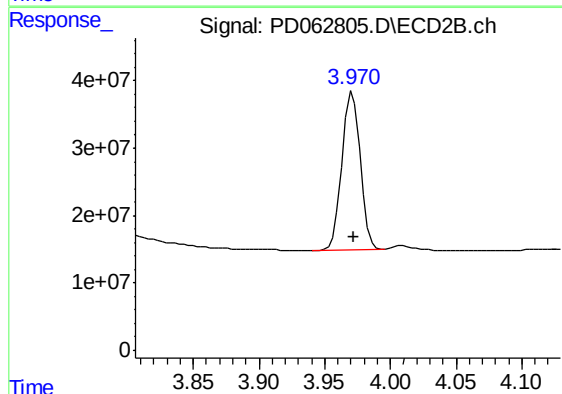
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

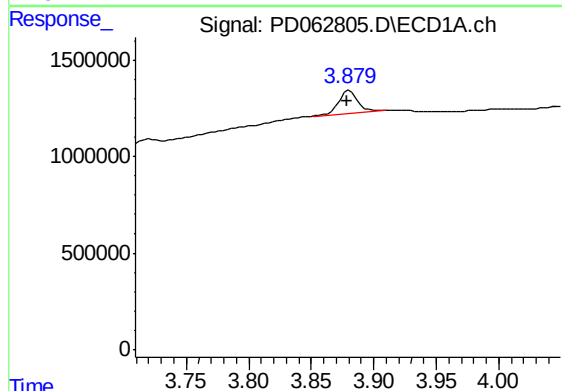
R.T.: 3.444 min
Delta R.T.: 0.002 min
Response: 17711590
Conc: 19.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



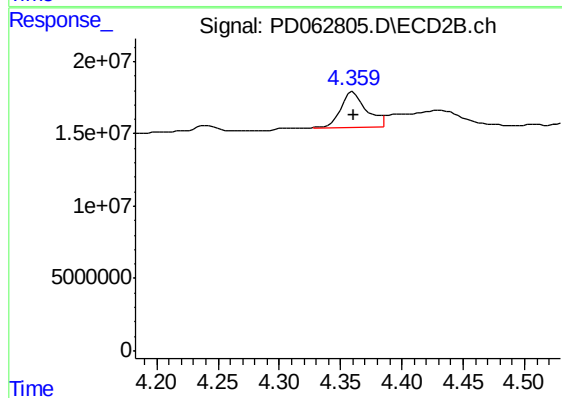
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 227029099
Conc: 19.61 ng/ml



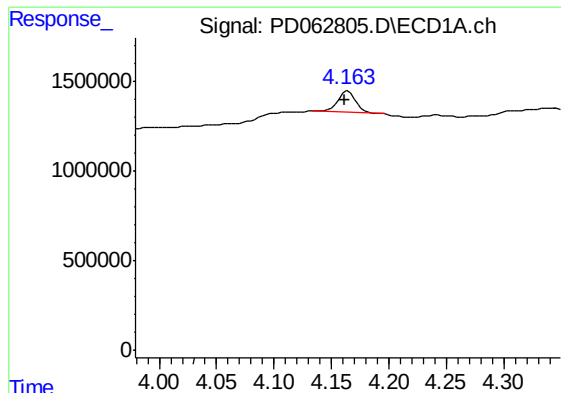
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.002 min
Response: 1283759
Conc: 0.92 ng/ml



#2 alpha-BHC

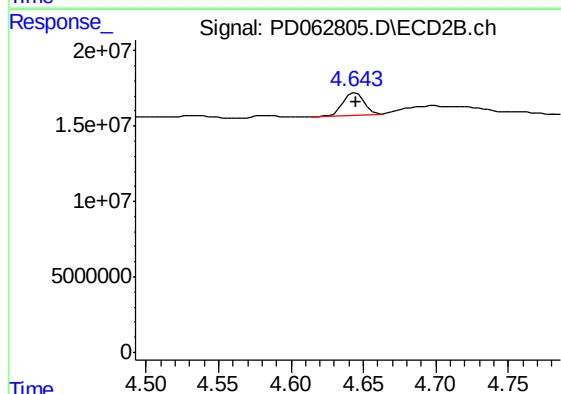
R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 35117582
Conc: 1.82 ng/ml



#3 gamma-BHC (Lindane)

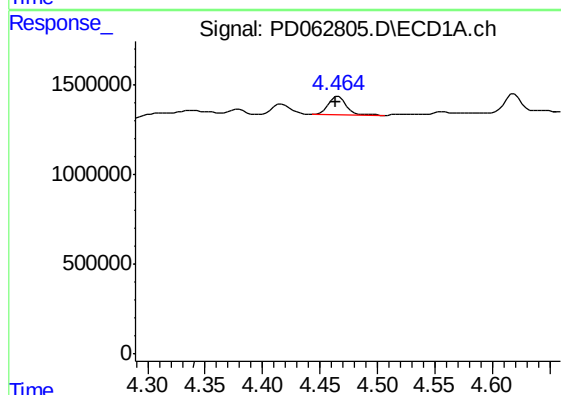
R.T.: 4.164 min
Delta R.T.: 0.002 min
Response: 1331837
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



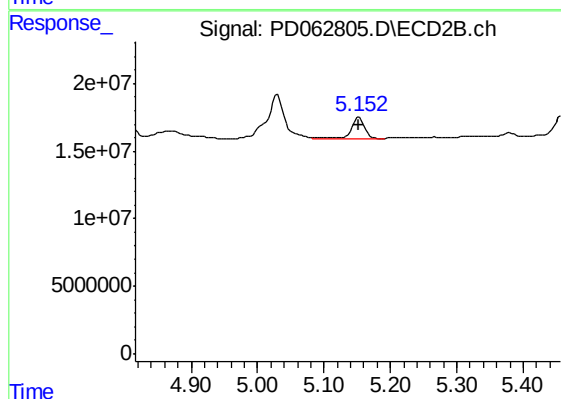
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 14407895
Conc: 0.83 ng/ml



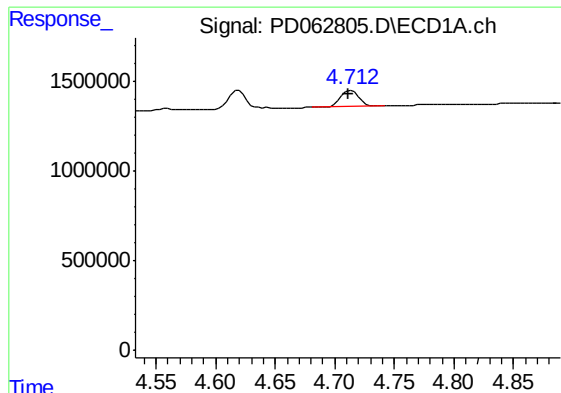
#4 Heptachlor

R.T.: 4.465 min
Delta R.T.: 0.002 min
Response: 1089835
Conc: 0.86 ng/ml



#4 Heptachlor

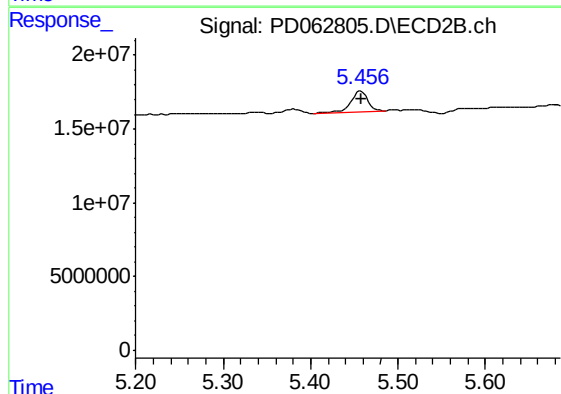
R.T.: 5.153 min
Delta R.T.: 0.000 min
Response: 21402960
Conc: 1.22 ng/ml



#5 Aldrin

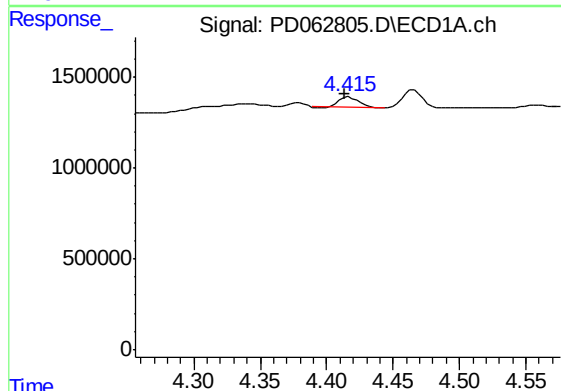
R.T.: 4.714 min
Delta R.T.: 0.002 min
Response: 976885
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



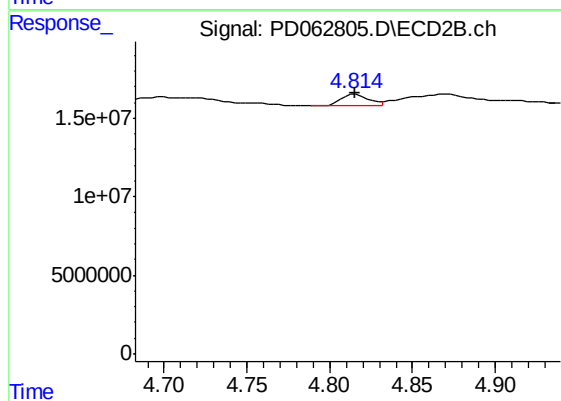
#5 Aldrin

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 17898290
Conc: 1.07 ng/ml



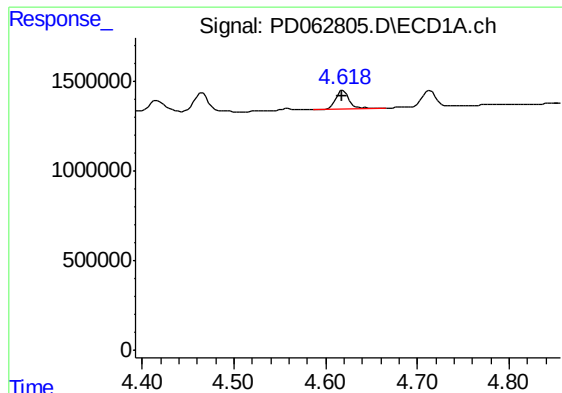
#6 beta-BHC

R.T.: 4.417 min
Delta R.T.: 0.004 min
Response: 601922
Conc: 1.00 ng/ml



#6 beta-BHC

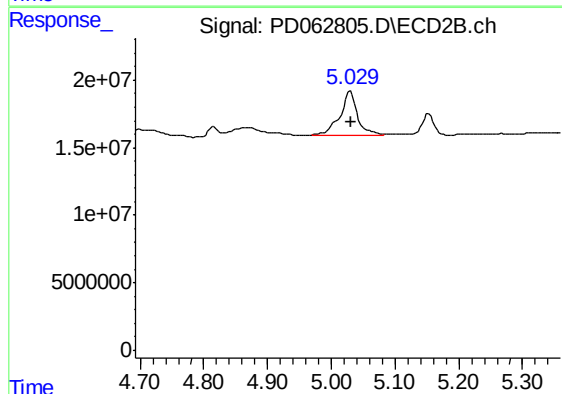
R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 8458777
Conc: 1.11 ng/ml



#7 delta-BHC

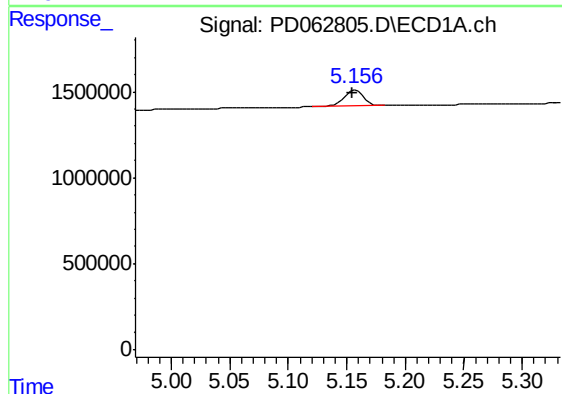
R.T.: 4.619 min
Delta R.T.: 0.002 min
Response: 1109311
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



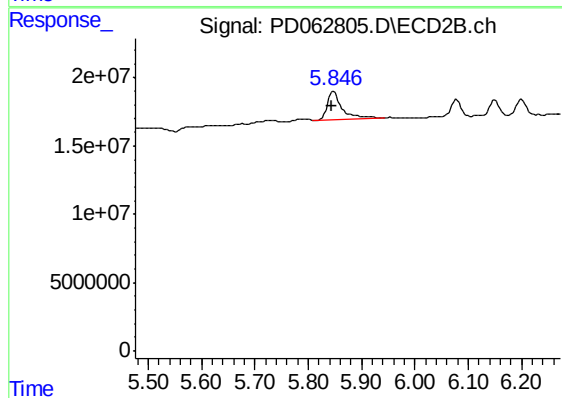
#7 delta-BHC

R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 60560382
Conc: 3.35 ng/ml



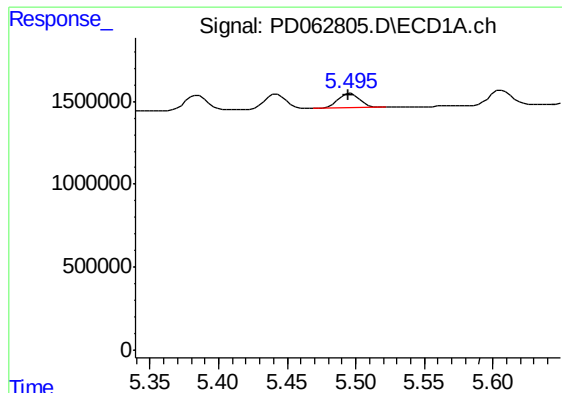
#8 Heptachlor epoxide

R.T.: 5.157 min
Delta R.T.: 0.003 min
Response: 1030016
Conc: 0.89 ng/ml



#8 Heptachlor epoxide

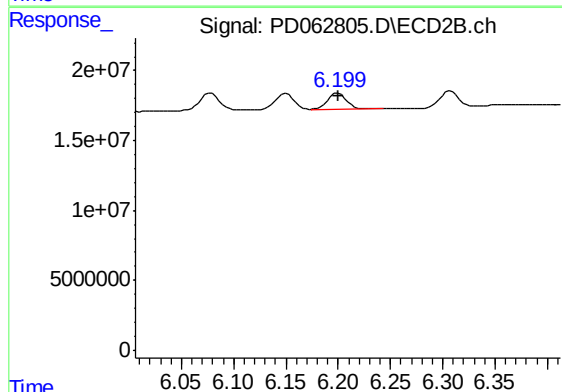
R.T.: 5.847 min
Delta R.T.: 0.003 min
Response: 37812162
Conc: 2.37 ng/ml



#9 Endosulfan I

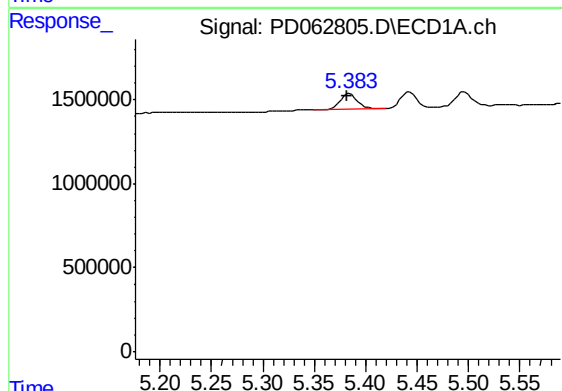
R.T.: 5.496 min
Delta R.T.: 0.002 min
Response: 957269
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



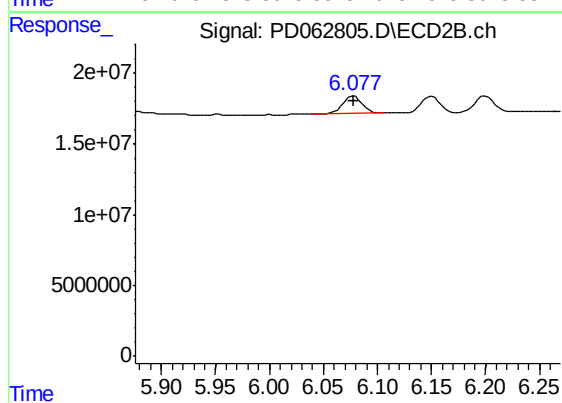
#9 Endosulfan I

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 15321174
Conc: 1.04 ng/ml



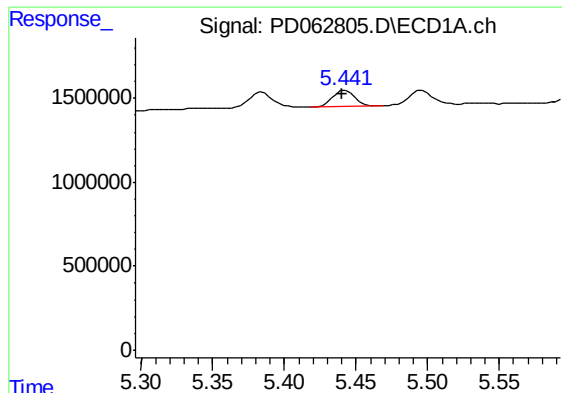
#10 gamma-Chlordane

R.T.: 5.385 min
Delta R.T.: 0.003 min
Response: 1030349
Conc: 0.88 ng/ml



#10 gamma-Chlordane

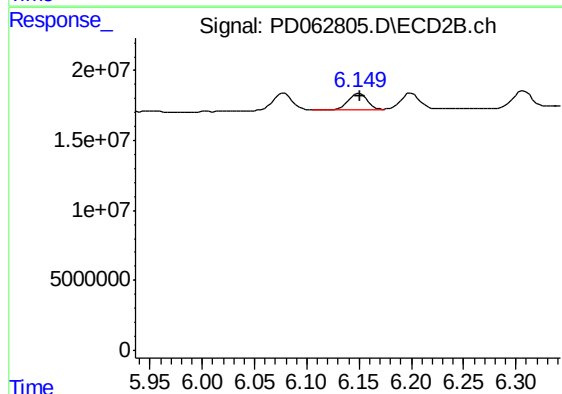
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 15440400
Conc: 0.97 ng/ml



#11 alpha-Chlordane

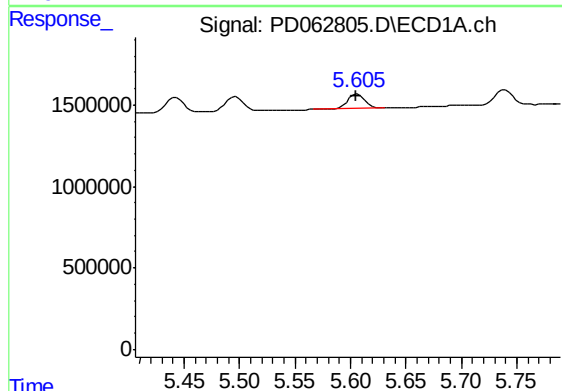
R.T.: 5.442 min
Delta R.T.: 0.002 min
Response: 1017506
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



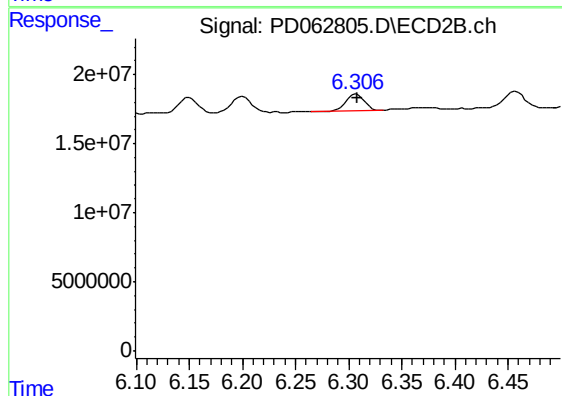
#11 alpha-Chlordane

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 14415177
Conc: 0.94 ng/ml



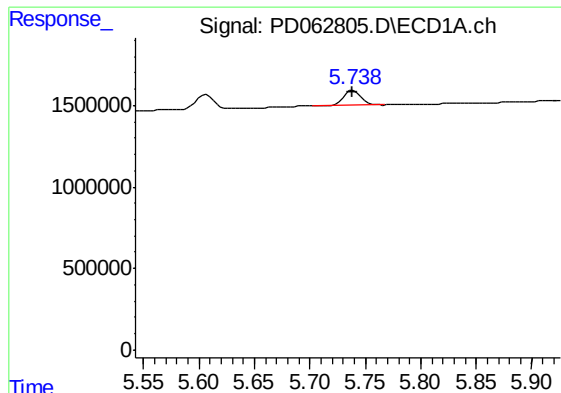
#12 4,4'-DDE

R.T.: 5.607 min
Delta R.T.: 0.002 min
Response: 954223
Conc: 0.83 ng/ml



#12 4,4'-DDE

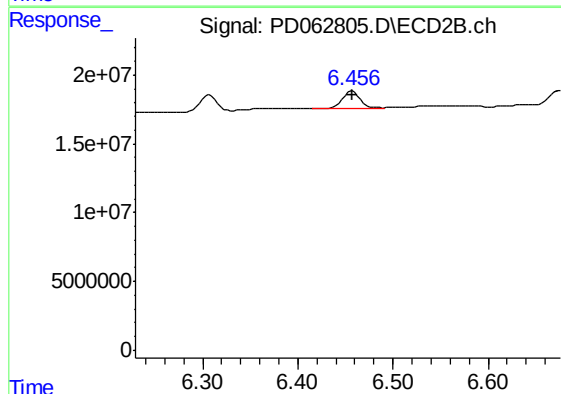
R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 13682980
Conc: 0.86 ng/ml



#13 Dieldrin

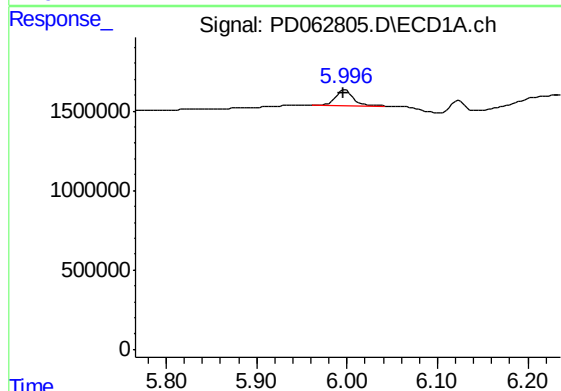
R.T.: 5.740 min
Delta R.T.: 0.002 min
Response: 1067822
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



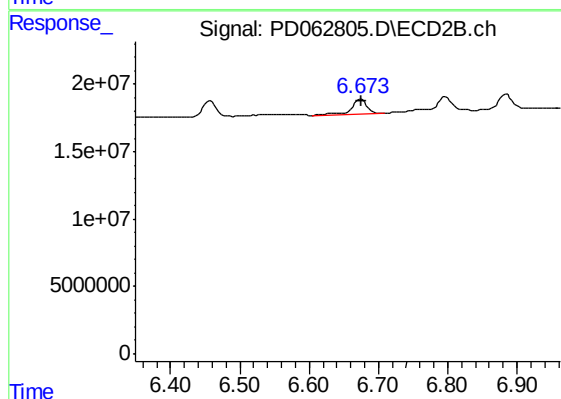
#13 Dieldrin

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 16220500
Conc: 1.00 ng/ml



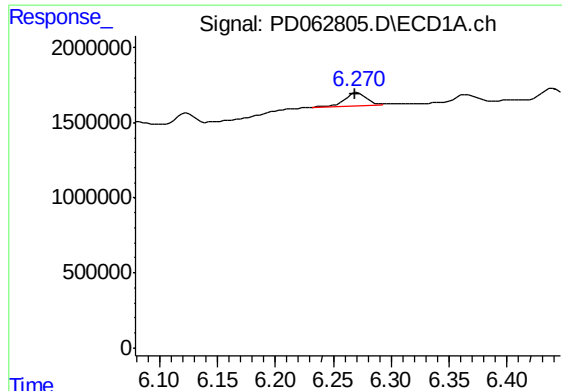
#14 Endrin

R.T.: 5.998 min
Delta R.T.: 0.002 min
Response: 1349632
Conc: 1.21 ng/ml



#14 Endrin

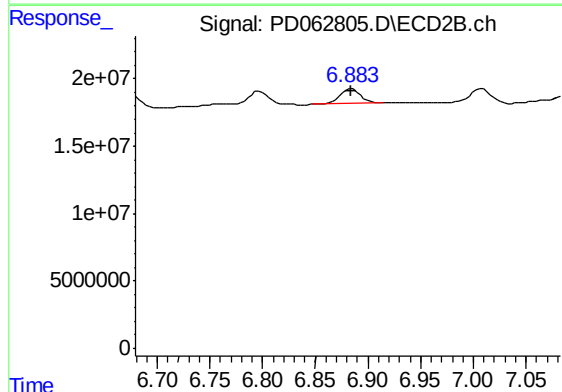
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 17765014
Conc: 1.26 ng/ml



#15 Endosulfan II

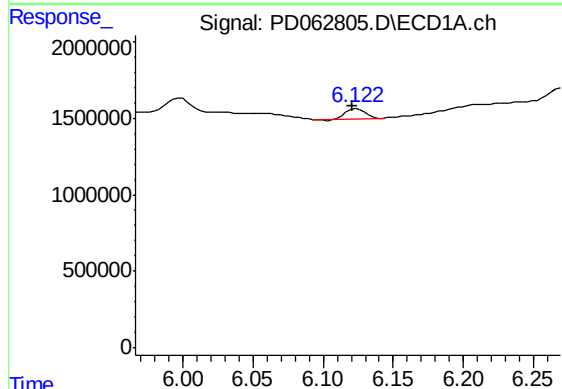
R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 1184917
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



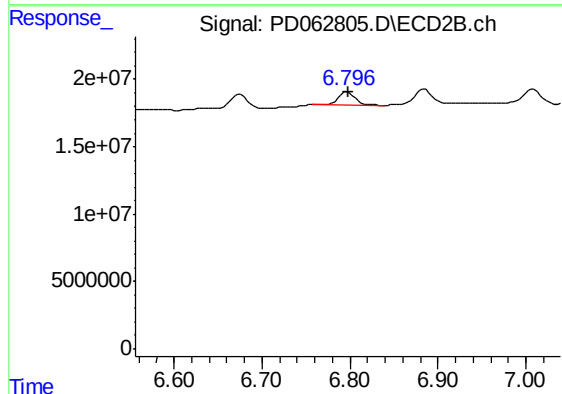
#15 Endosulfan II

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 14968314
Conc: 1.12 ng/ml



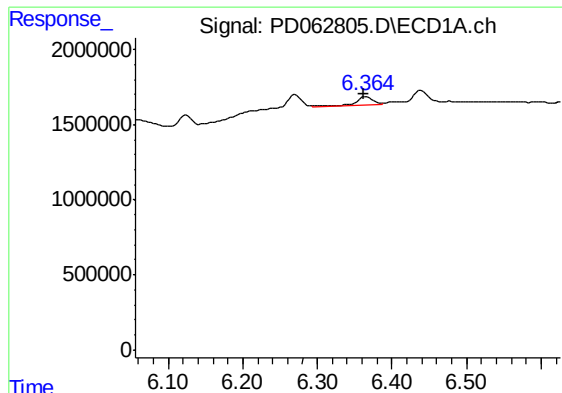
#16 4,4'-DDD

R.T.: 6.124 min
Delta R.T.: 0.002 min
Response: 600720
Conc: 0.63 ng/ml



#16 4,4'-DDD

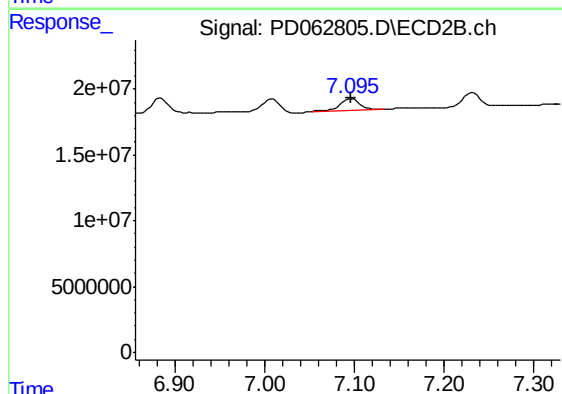
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 13016519
Conc: 1.01 ng/ml



#17 4,4'-DDT

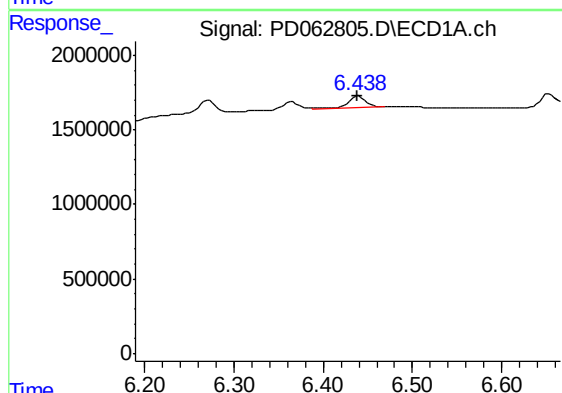
R.T.: 6.365 min
Delta R.T.: 0.002 min
Response: 965968
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



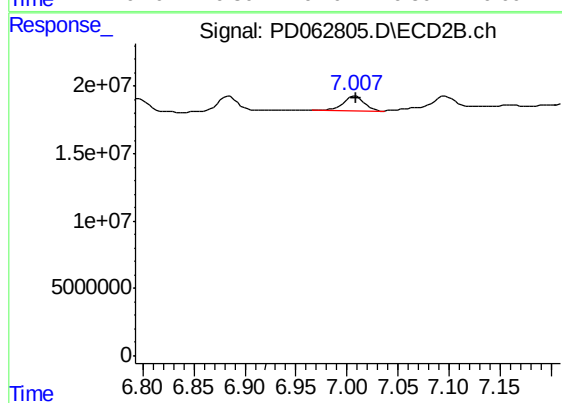
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 14315335
Conc: 1.12 ng/ml



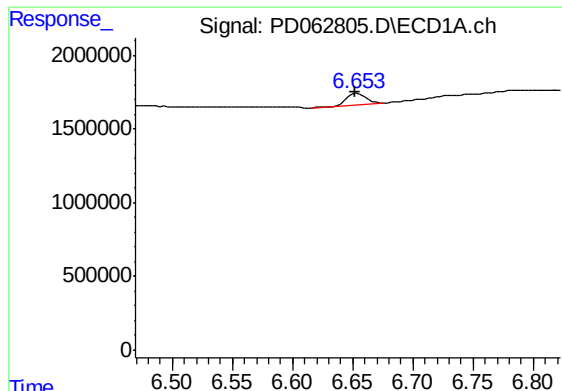
#18 Endrin aldehyde

R.T.: 6.440 min
Delta R.T.: 0.002 min
Response: 1247413
Conc: 1.34 ng/ml



#18 Endrin aldehyde

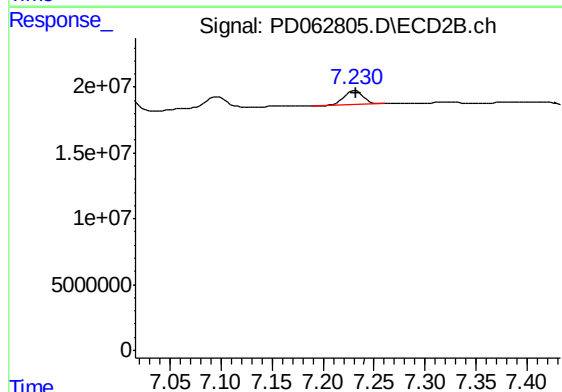
R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 14935513
Conc: 1.28 ng/ml



#19 Endosulfan Sulfate

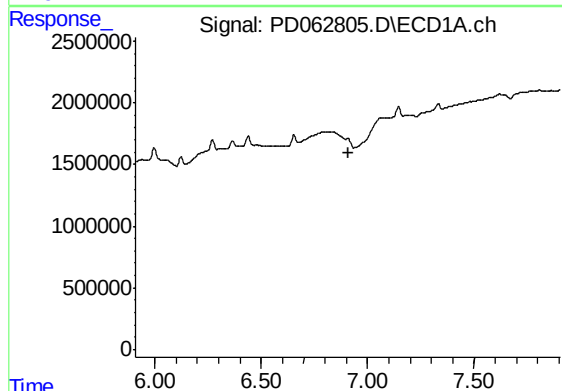
R.T.: 6.654 min
Delta R.T.: 0.003 min
Response: 828485
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



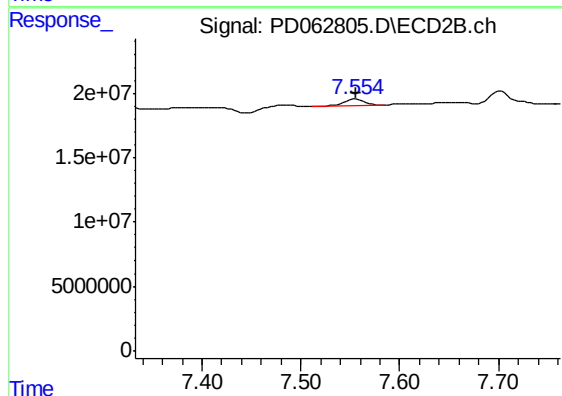
#19 Endosulfan Sulfate

R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 14105722
Conc: 1.01 ng/ml



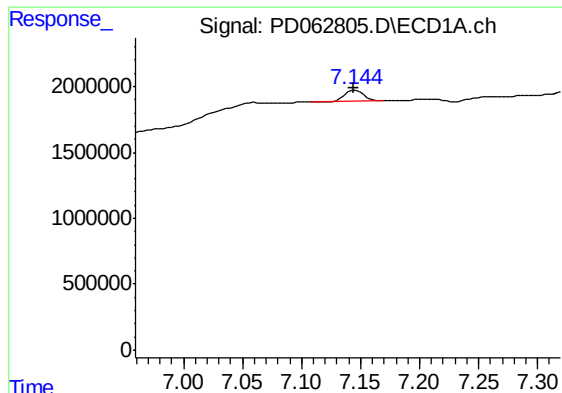
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.908 min
Response: 0
Conc: N.D.



#20 Methoxychlor

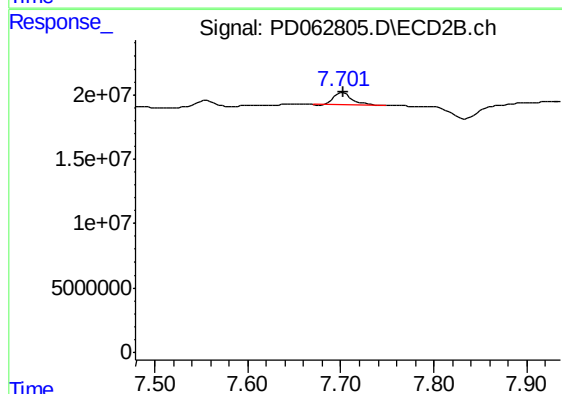
R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 5892610
Conc: 0.88 ng/ml



#21 Endrin ketone

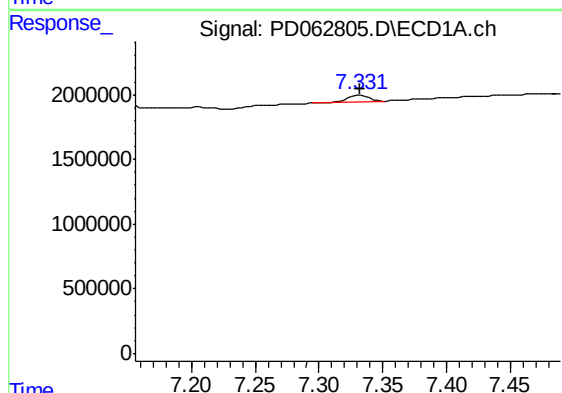
R.T.: 7.146 min
Delta R.T.: 0.002 min
Response: 989923
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



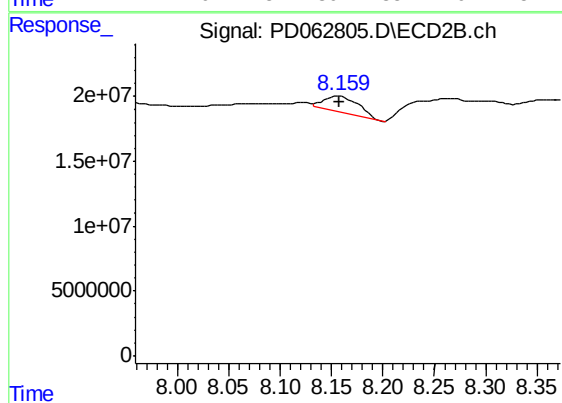
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 13373314
Conc: 0.99 ng/ml



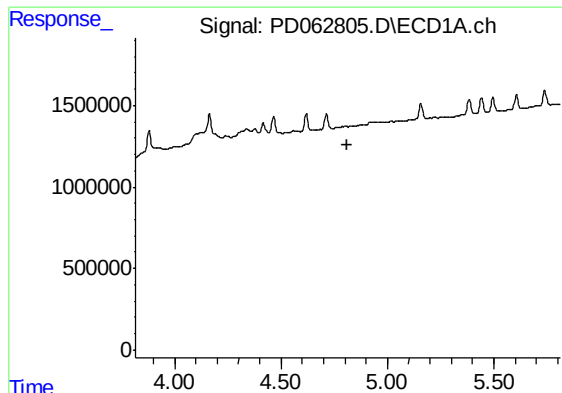
#22 Mirex

R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 678314
Conc: 0.74 ng/ml



#22 Mirex

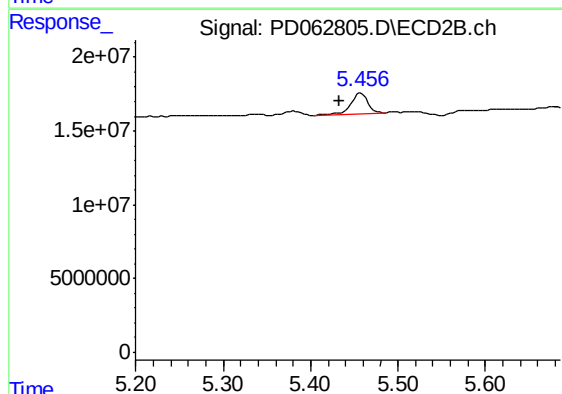
R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 28264156
Conc: 3.09 ng/ml



#24 Chlordane-2

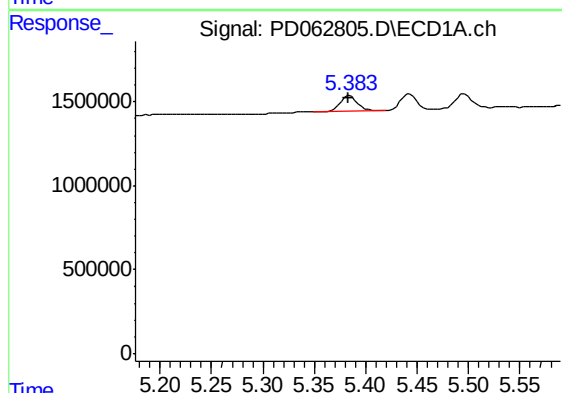
R.T.: 0.000 min
Exp R.T.: 4.813 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



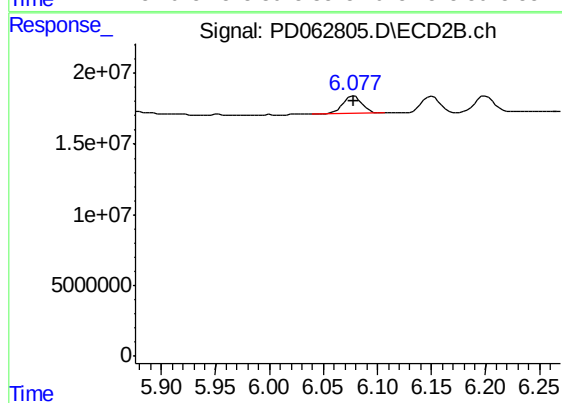
#24 Chlordane-2

R.T.: 5.458 min
Delta R.T.: 0.025 min
Response: 17898290
Conc: 33.53 ng/ml



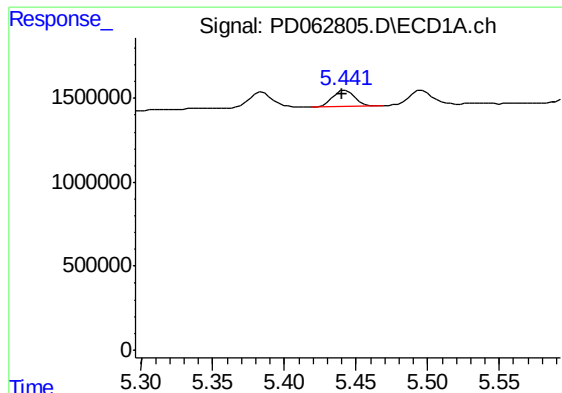
#25 Chlordane-3

R.T.: 5.385 min
Delta R.T.: 0.002 min
Response: 1030349
Conc: 8.70 ng/ml



#25 Chlordane-3

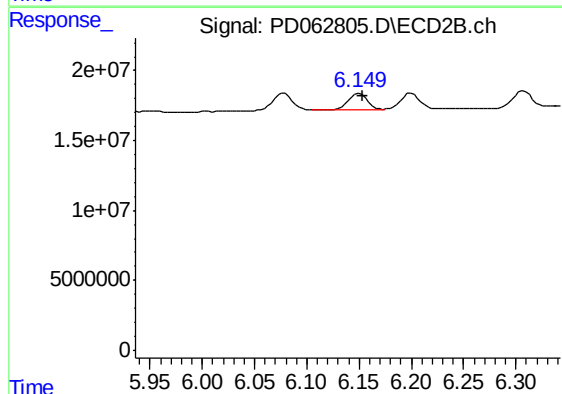
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 15440400
Conc: 6.91 ng/ml



#26 Chlordane-4

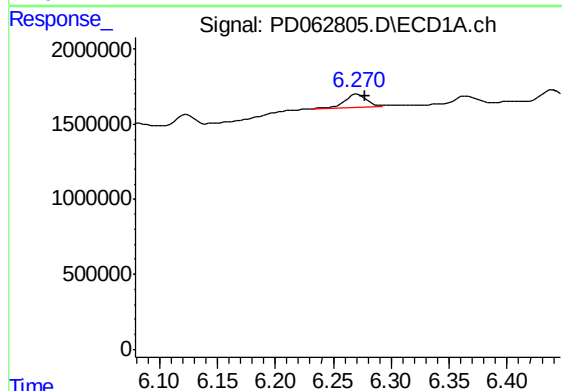
R.T.: 5.442 min
Delta R.T.: 0.002 min
Response: 1017506
Conc: 10.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



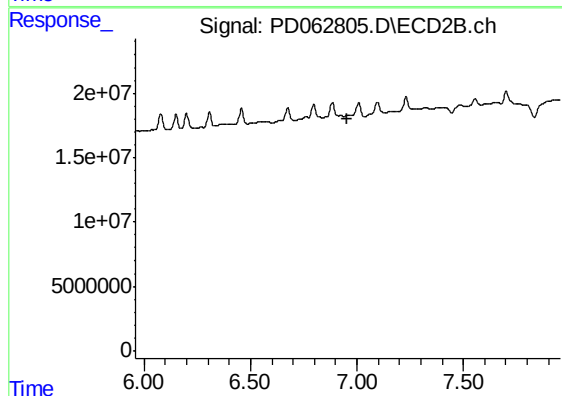
#26 Chlordane-4

R.T.: 6.150 min
Delta R.T.: -0.003 min
Response: 14415177
Conc: 5.59 ng/ml



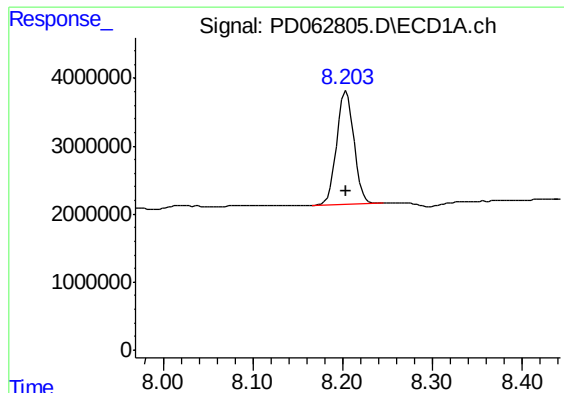
#27 Chlordane-5

R.T.: 6.271 min
Delta R.T.: -0.007 min
Response: 1184917
Conc: 27.18 ng/ml



#27 Chlordane-5

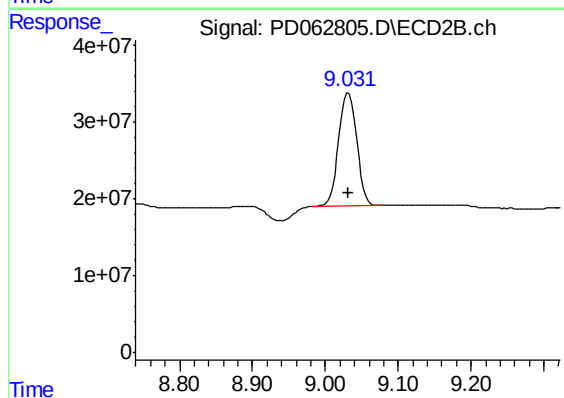
R.T.: 0.000 min
Exp R.T. : 6.957 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.204 min
Delta R.T.: 0.000 min
Response: 22273904
Conc: 21.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



#28 Decachlorobiphenyl

R.T.: 9.032 min
Delta R.T.: 0.000 min
Response: 255379989
Conc: 22.13 ng/ml