

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
 Data File : PD056993.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2020 09:35
 Operator : AJ\MA
 Sample : L1161-01
 Misc : LOD 1 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:08:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 20 05:43:46 2020
 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...	3.286	3.960	16355180	31917632	19.804	19.505
28)	SA Decachlor...	7.957	8.995	19578416	31870484	20.201	19.121
Target Compounds							
2)	A alpha-BHC	3.712	4.346	1312319	1955571	1.005	0.773
3)	MA gamma-BHC...	3.987	4.629	2347860	1767098	1.760	0.723 #
4)	MA Heptachlor	4.272	5.135	944010	2093916	0.809	0.875
5)	MB Aldrin	4.511	5.438	1153595	2163725	0.992	0.954
6)	B beta-BHC	4.237	4.799	71147	910227	0.138	0.865 #
7)	B delta-BHC	4.432	4.991f	1113108	1152083	0.894	0.515 #
8)	B Heptachlo...	4.947	5.820	1006808	2391242	0.938	1.101
9)	A Endosulfan I	5.278	6.177	890012	2371818	0.906	1.169 #
10)	B gamma-Chl...	5.169	6.055	1043125	5851708	0.960	2.628 #
11)	B alpha-Chl...	5.226	6.128	993111	3031347	0.917	1.362 #
12)	B 4,4'-DDE	5.395	6.284	898135	1622025	0.951	0.812
13)	MA Dieldrin	5.518	6.433	825986	2004048	0.775	0.936
14)	MA Endrin	5.771	6.649	832801	1550725	0.937	0.901
15)	B Endosulfa...	6.044	6.858	1480294	1935921	1.527	1.015 #
16)	A 4,4'-DDD	5.906	6.772	965470	1452060	1.151	0.863 #
17)	MA 4,4'-DDT	6.142	7.070	183177	1108313	0.254	0.720 #
18)	B Endrin al...	6.213	6.981	2181166	1748261	2.579	1.060 #
19)	B Endosulfa...	6.423	7.204	902617	1889309	0.985	1.032
20)	A Methoxychlor	6.690	0.000	515870	0	1.315	N.D. #
21)	B Endrin ke...	6.904	7.673	771619	1854992	0.702	0.903 #
22)	Mirex	7.083	8.126	2136603	1524486	2.542	1.041 #
24)	Chlordane-2	0.000	5.438f	0	2163725	N.D.	31.543 #
25)	Chlordane-3	5.169	6.055	1043125	5851708	10.652	20.740 #
26)	Chlordane-4	5.226	6.128	993111	3031347	11.420	8.977
27)	Chlordane-5	6.044	0.000	1480294	0	42.784	N.D. #

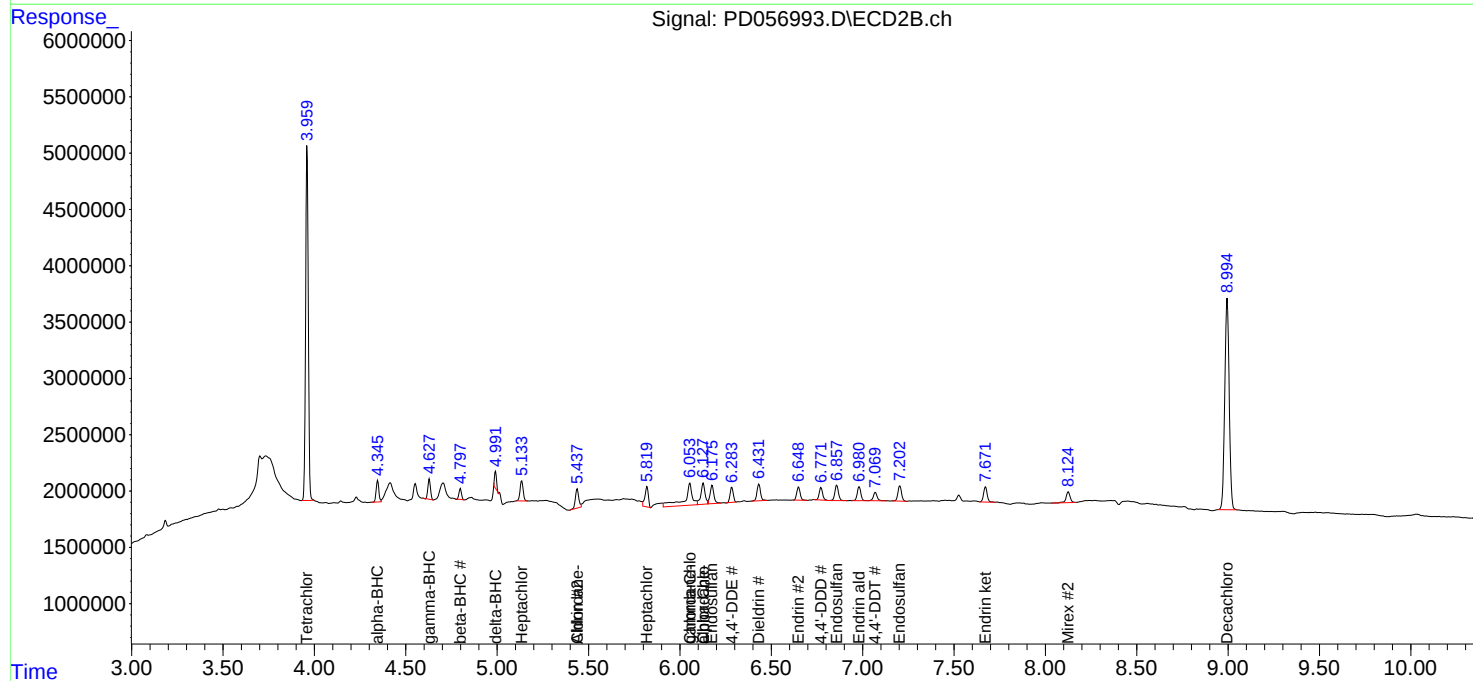
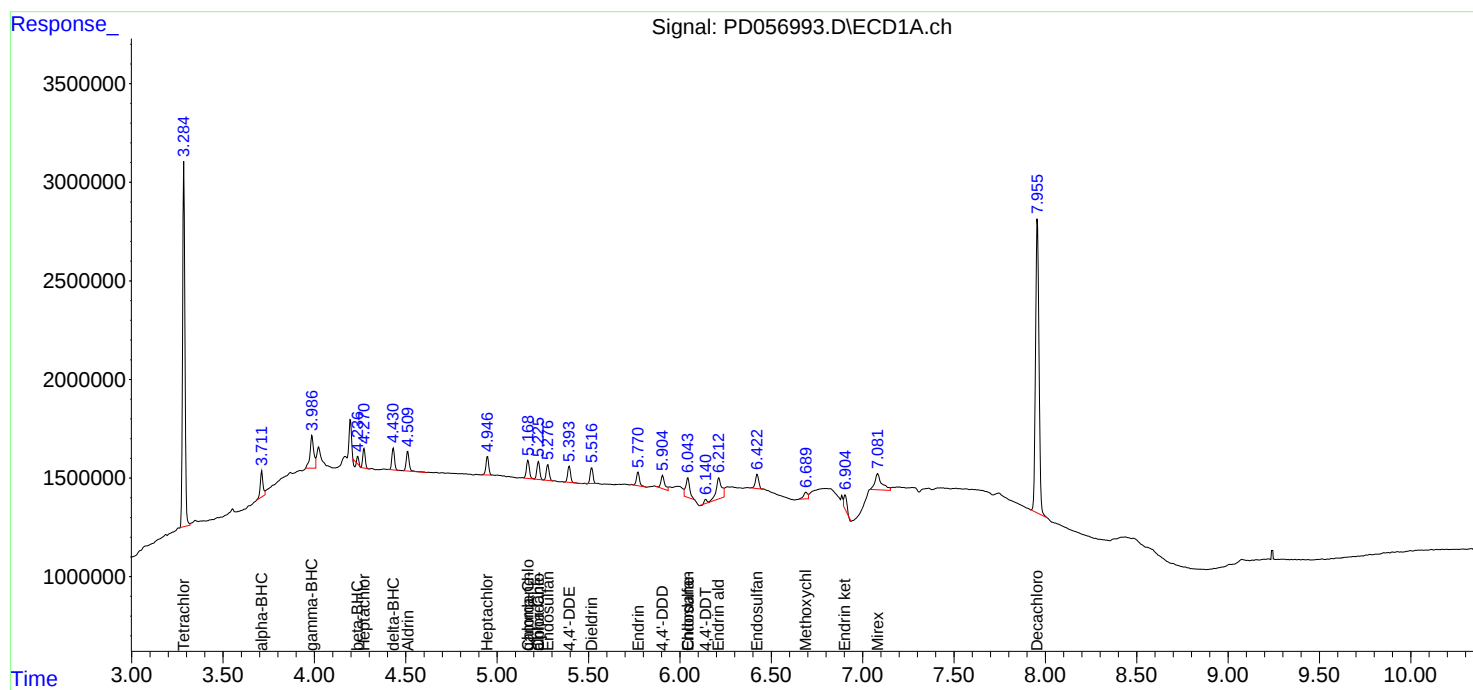
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

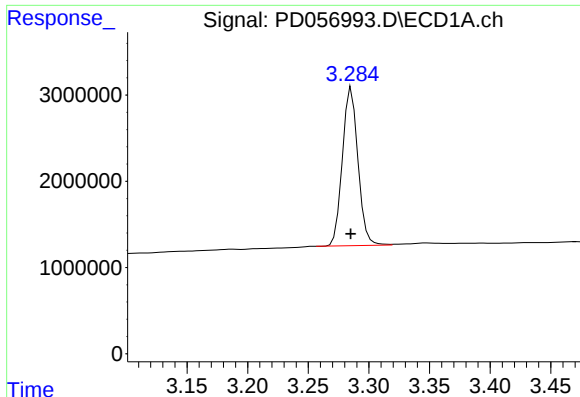
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
Data File : PD056993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2020 09:35
Operator : AJ\MA
Sample : L1161-01
Misc : LOD 1 PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 04:08:15 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
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

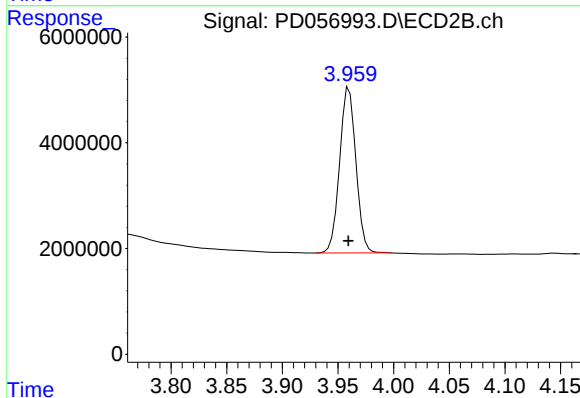




#1 Tetrachloro-m-xylene

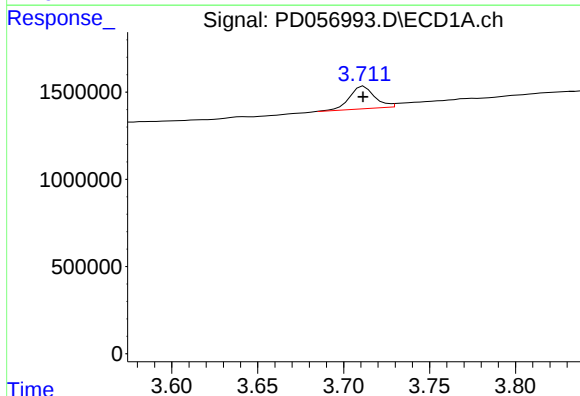
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 16355180
Conc: 19.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



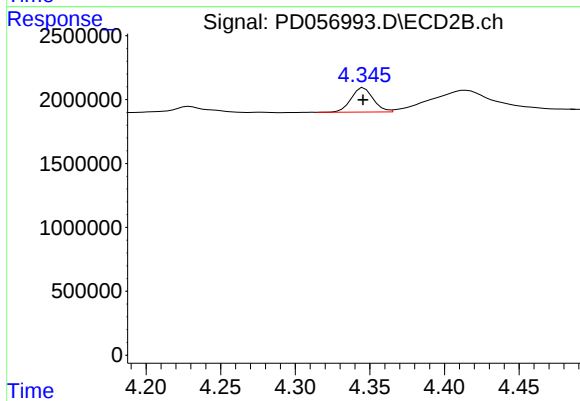
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 31917632
Conc: 19.51 ng/ml



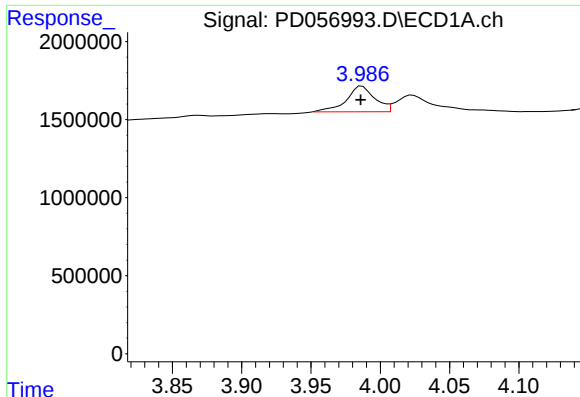
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: 0.000 min
Response: 1312319
Conc: 1.00 ng/ml



#2 alpha-BHC

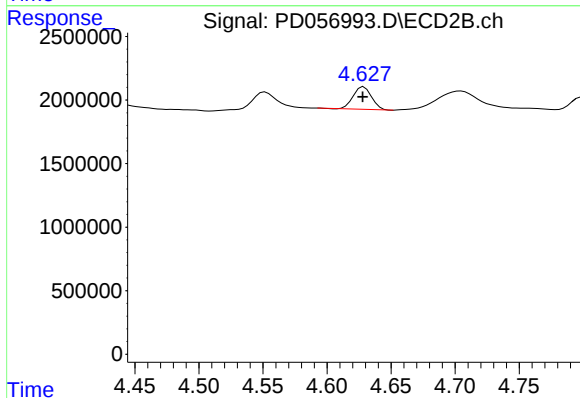
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 1955571
Conc: 0.77 ng/ml



#3 gamma-BHC (Lindane)

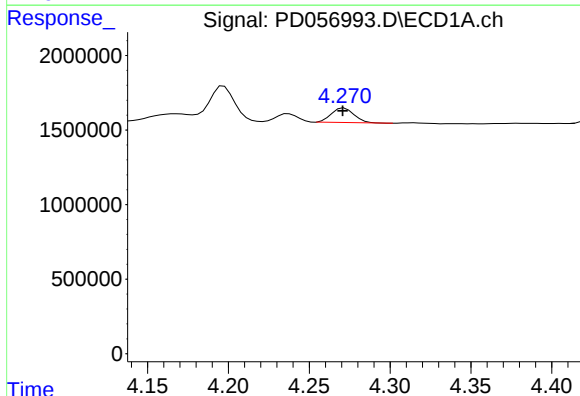
R.T.: 3.987 min
Delta R.T.: 0.001 min
Response: 2347860
Conc: 1.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



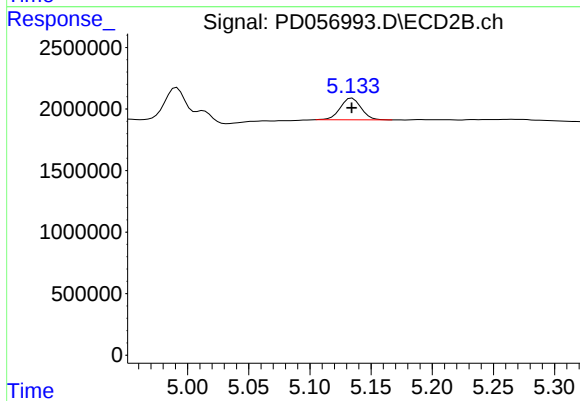
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 1767098
Conc: 0.72 ng/ml



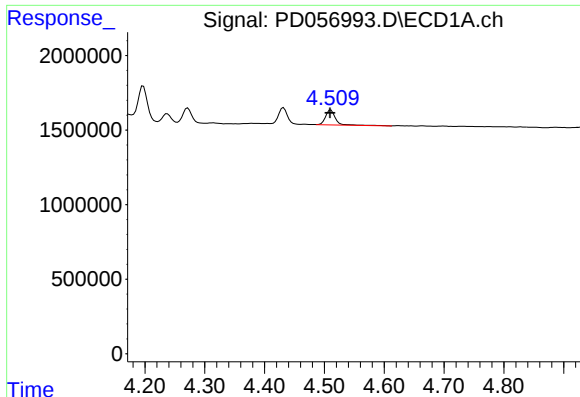
#4 Heptachlor

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 944010
Conc: 0.81 ng/ml



#4 Heptachlor

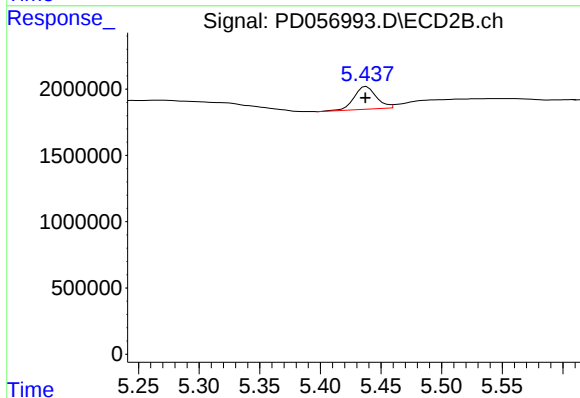
R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 2093916
Conc: 0.88 ng/ml



#5 Aldrin

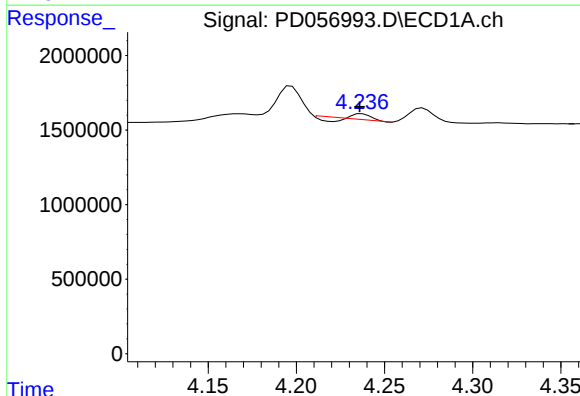
R.T.: 4.511 min
Delta R.T.: 0.001 min
Response: 1153595
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



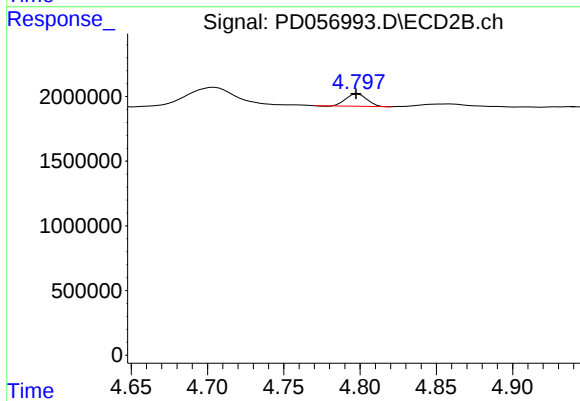
#5 Aldrin

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 2163725
Conc: 0.95 ng/ml



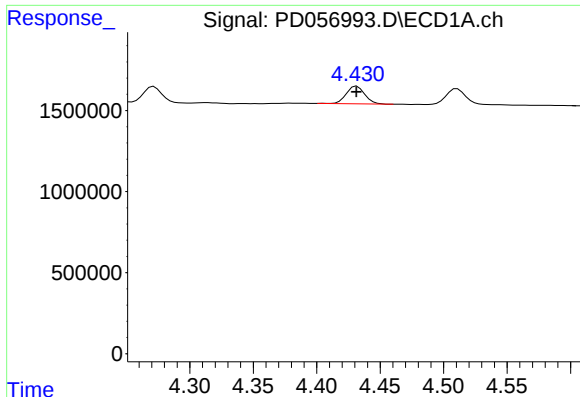
#6 beta-BHC

R.T.: 4.237 min
Delta R.T.: 0.001 min
Response: 71147
Conc: 0.14 ng/ml



#6 beta-BHC

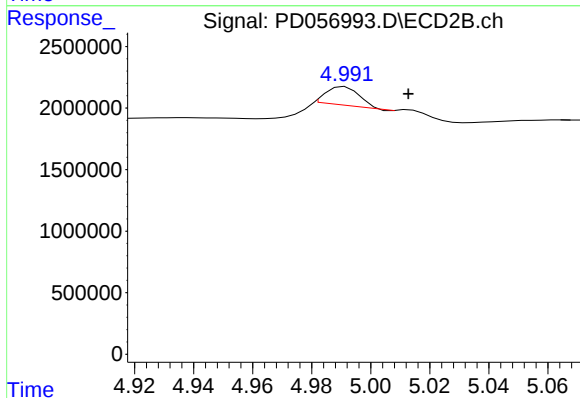
R.T.: 4.799 min
Delta R.T.: 0.001 min
Response: 910227
Conc: 0.87 ng/ml



#7 delta-BHC

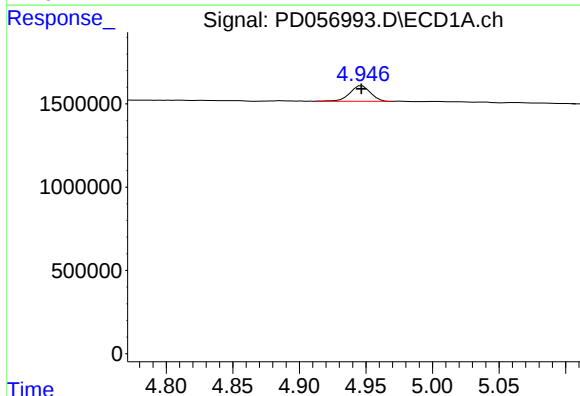
R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 1113108
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



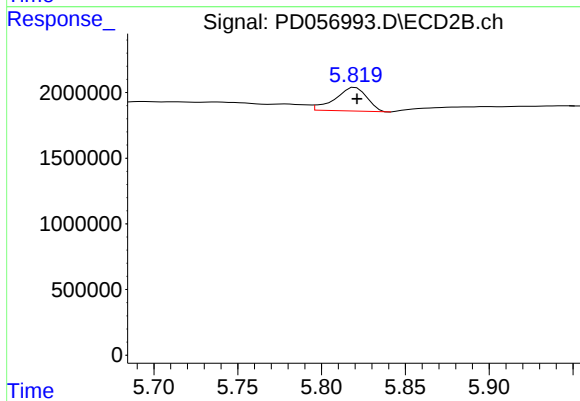
#7 delta-BHC

R.T.: 4.991 min
Delta R.T.: -0.021 min
Response: 1152083
Conc: 0.52 ng/ml



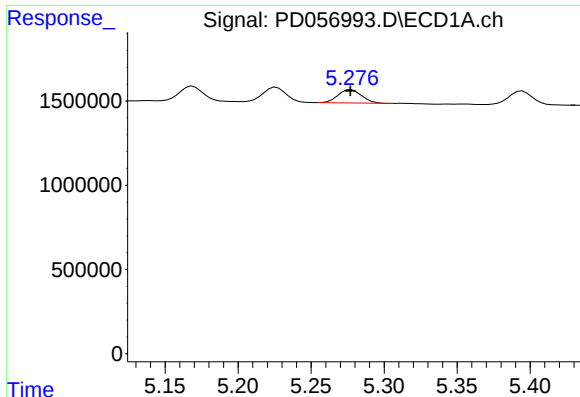
#8 Heptachlor epoxide

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 1006808
Conc: 0.94 ng/ml



#8 Heptachlor epoxide

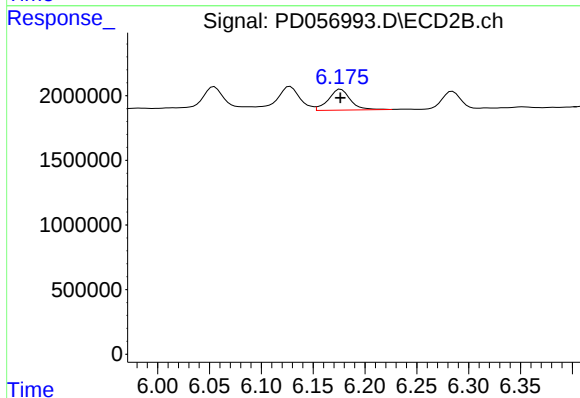
R.T.: 5.820 min
Delta R.T.: -0.001 min
Response: 2391242
Conc: 1.10 ng/ml



#9 Endosulfan I

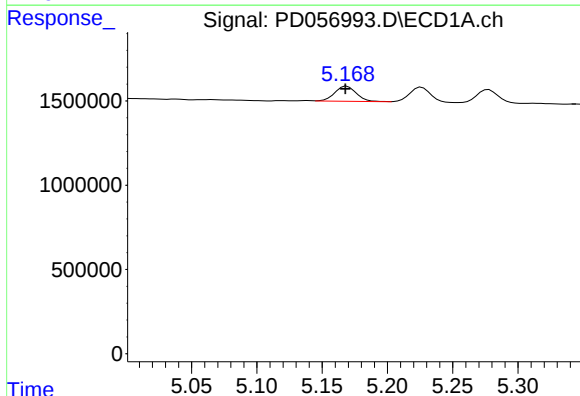
R.T.: 5.278 min
Delta R.T.: 0.000 min
Response: 890012
Conc: 0.91 ng/ml

Instrument :
ECD_D
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LOD-MDL-SOIL-01-QT1-2020



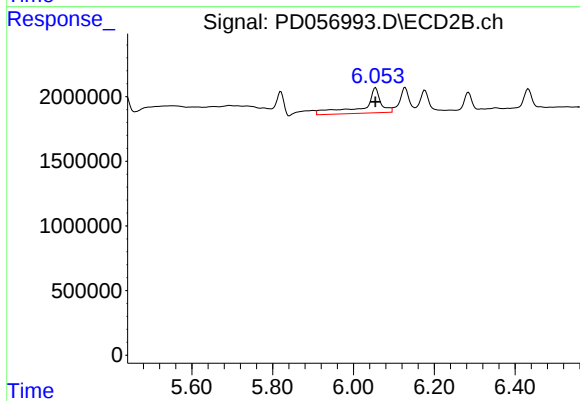
#9 Endosulfan I

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2371818
Conc: 1.17 ng/ml



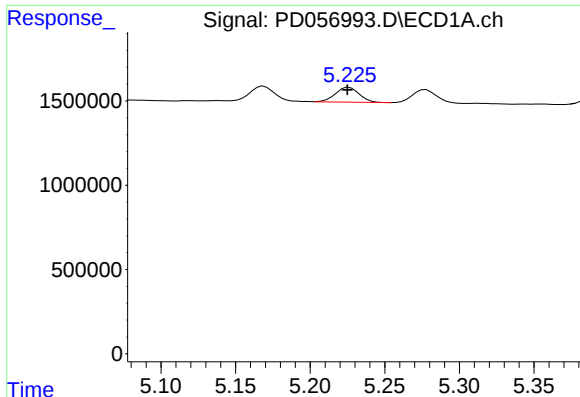
#10 gamma-Chlordane

R.T.: 5.169 min
Delta R.T.: 0.001 min
Response: 1043125
Conc: 0.96 ng/ml



#10 gamma-Chlordane

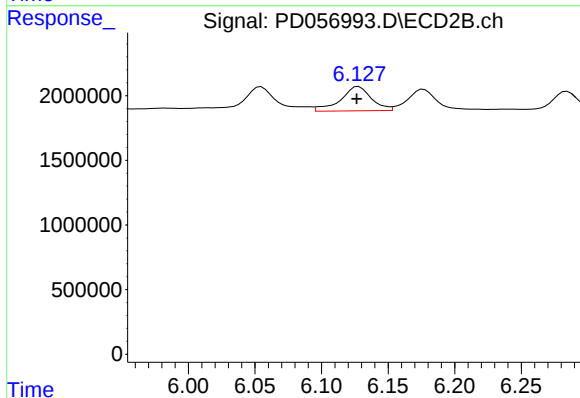
R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 5851708
Conc: 2.63 ng/ml



#11 alpha-Chlordane

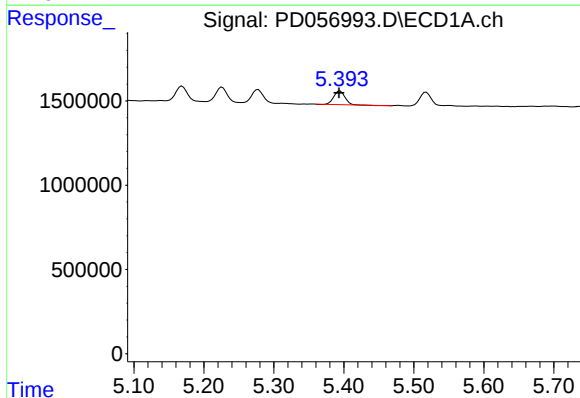
R.T.: 5.226 min
Delta R.T.: 0.001 min
Response: 993111
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



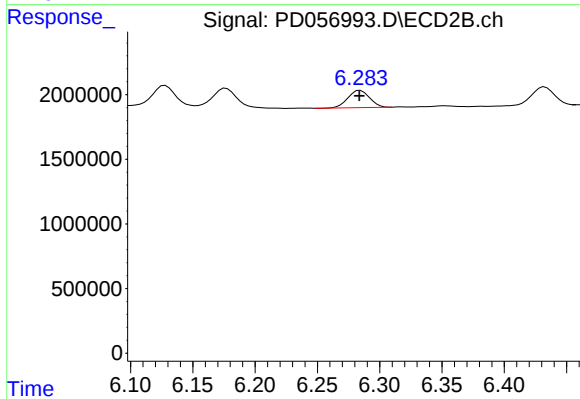
#11 alpha-Chlordane

R.T.: 6.128 min
Delta R.T.: 0.001 min
Response: 3031347
Conc: 1.36 ng/ml



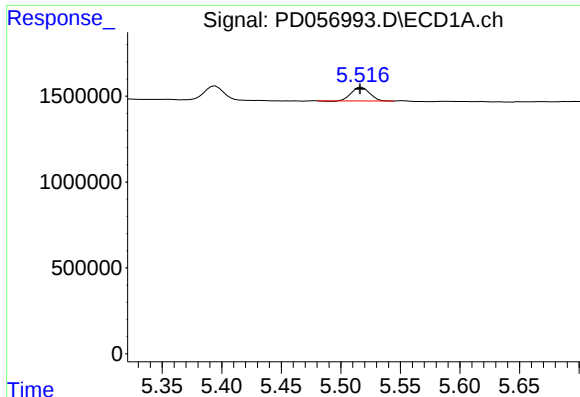
#12 4,4'-DDE

R.T.: 5.395 min
Delta R.T.: 0.001 min
Response: 898135
Conc: 0.95 ng/ml



#12 4,4'-DDE

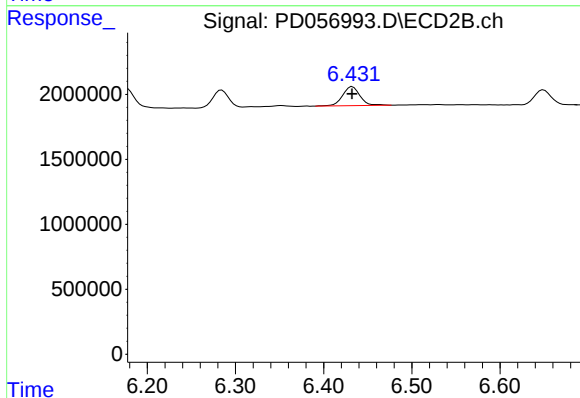
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 1622025
Conc: 0.81 ng/ml



#13 Dieldrin

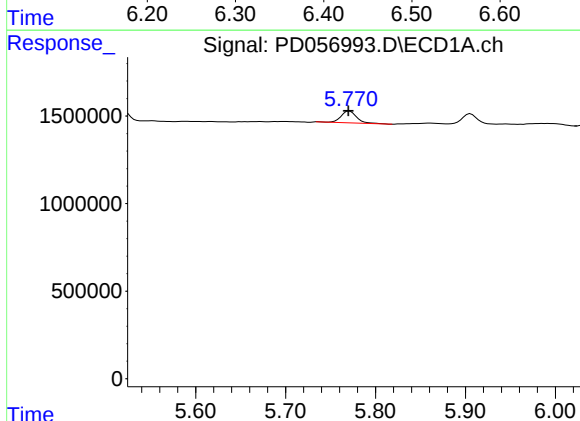
R.T.: 5.518 min
Delta R.T.: 0.001 min
Response: 825986
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



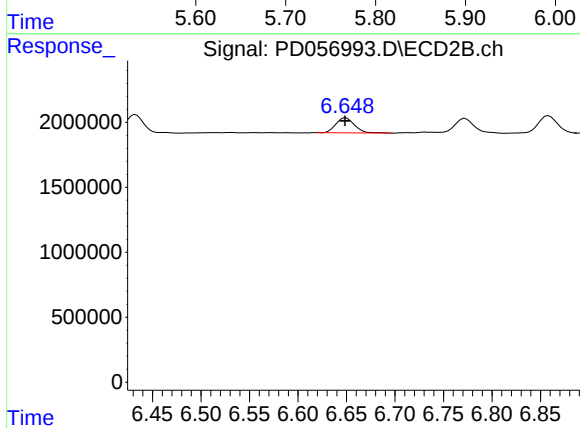
#13 Dieldrin

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 2004048
Conc: 0.94 ng/ml



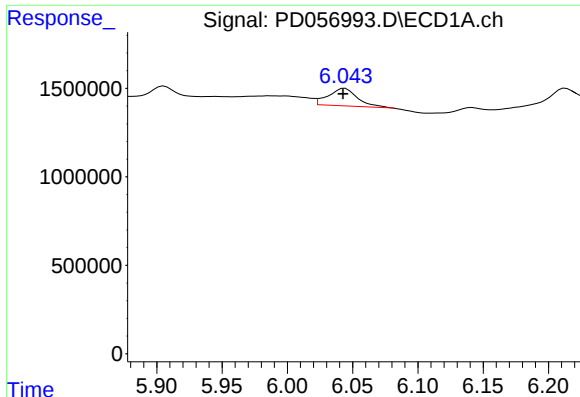
#14 Endrin

R.T.: 5.771 min
Delta R.T.: 0.001 min
Response: 832801
Conc: 0.94 ng/ml



#14 Endrin

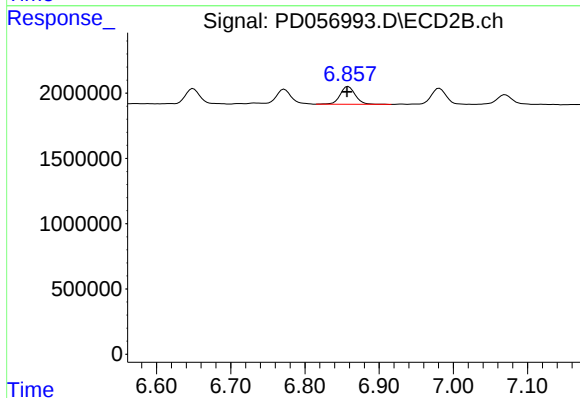
R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 1550725
Conc: 0.90 ng/ml



#15 Endosulfan II

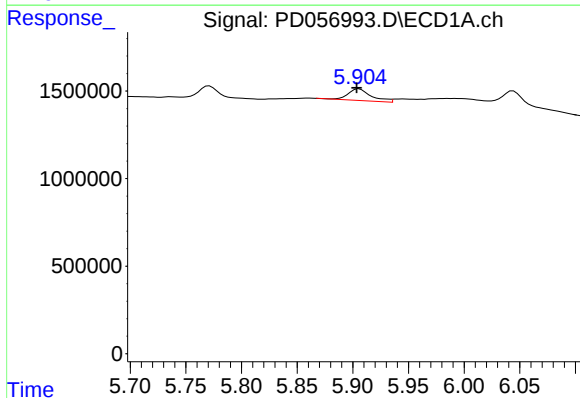
R.T.: 6.044 min
Delta R.T.: 0.001 min
Response: 1480294
Conc: 1.53 ng/ml

Instrument :
ECD_D
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LOD-MDL-SOIL-01-QT1-2020



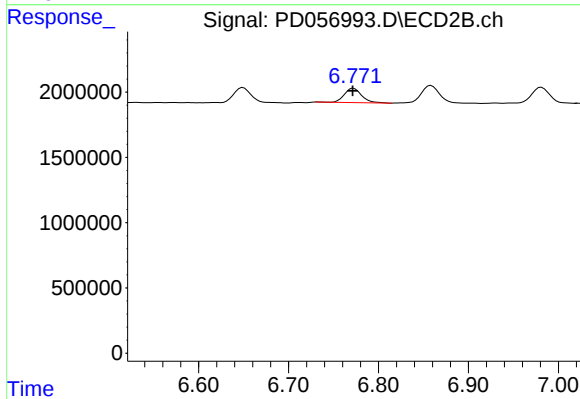
#15 Endosulfan II

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 1935921
Conc: 1.01 ng/ml



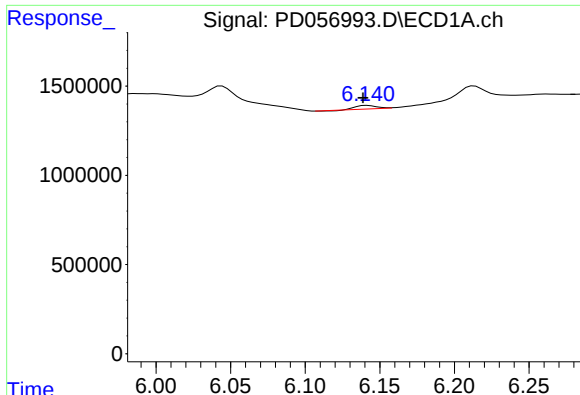
#16 4,4'-DDD

R.T.: 5.906 min
Delta R.T.: 0.002 min
Response: 965470
Conc: 1.15 ng/ml



#16 4,4'-DDD

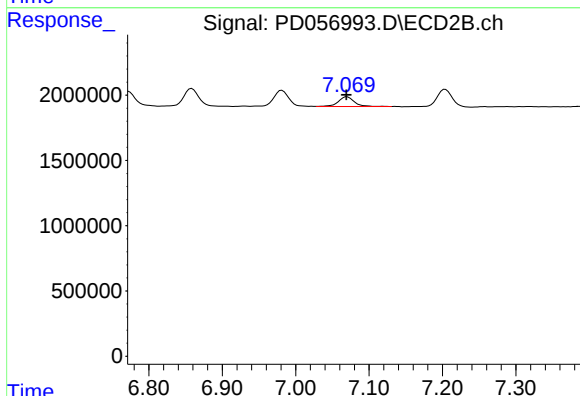
R.T.: 6.772 min
Delta R.T.: 0.001 min
Response: 1452060
Conc: 0.86 ng/ml



#17 4,4'-DDT

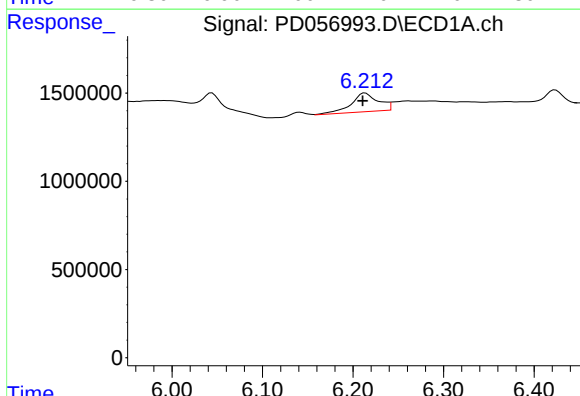
R.T.: 6.142 min
Delta R.T.: 0.003 min
Response: 183177
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



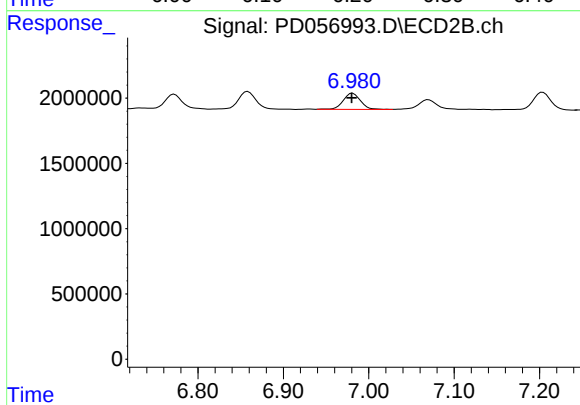
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 1108313
Conc: 0.72 ng/ml



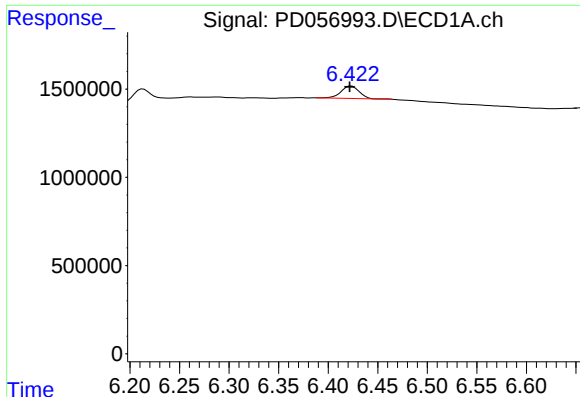
#18 Endrin aldehyde

R.T.: 6.213 min
Delta R.T.: 0.003 min
Response: 2181166
Conc: 2.58 ng/ml



#18 Endrin aldehyde

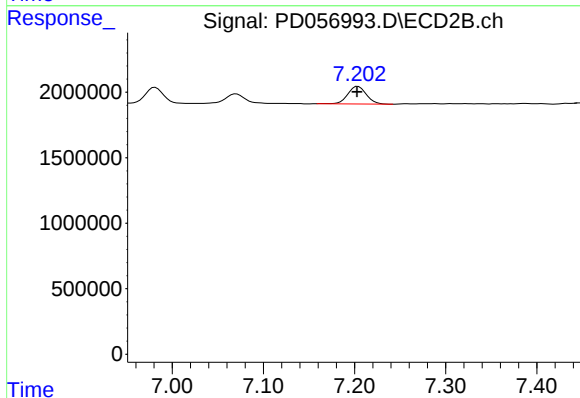
R.T.: 6.981 min
Delta R.T.: 0.001 min
Response: 1748261
Conc: 1.06 ng/ml



#19 Endosulfan Sulfate

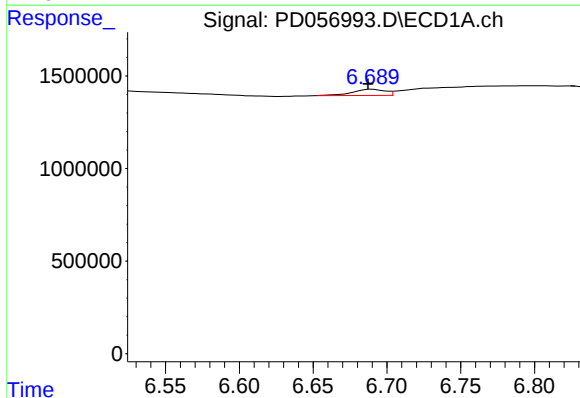
R.T.: 6.423 min
Delta R.T.: 0.002 min
Response: 902617
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



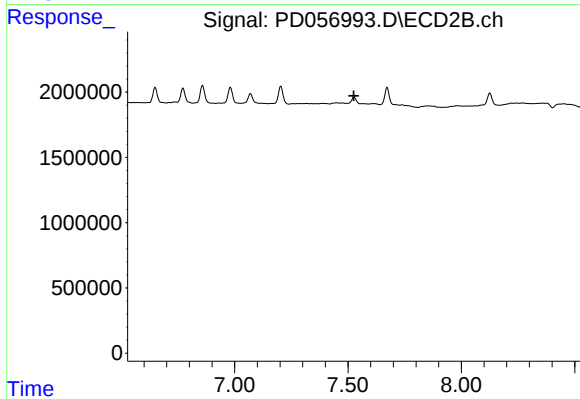
#19 Endosulfan Sulfate

R.T.: 7.204 min
Delta R.T.: 0.001 min
Response: 1889309
Conc: 1.03 ng/ml



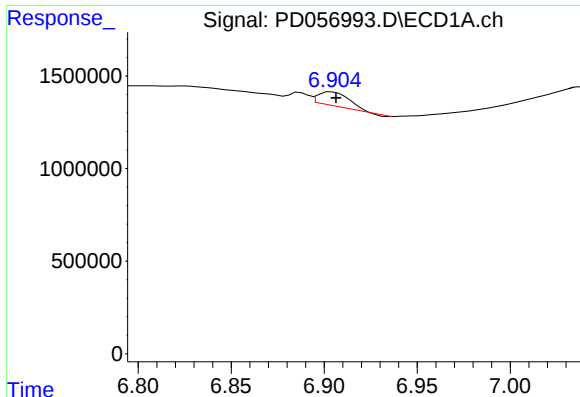
#20 Methoxychlor

R.T.: 6.690 min
Delta R.T.: 0.003 min
Response: 515870
Conc: 1.31 ng/ml



#20 Methoxychlor

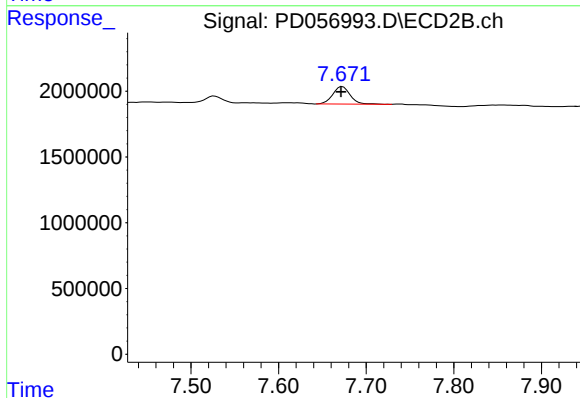
R.T.: 0.000 min
Exp R.T.: 7.526 min
Response: 0
Conc: N.D.



#21 Endrin ketone

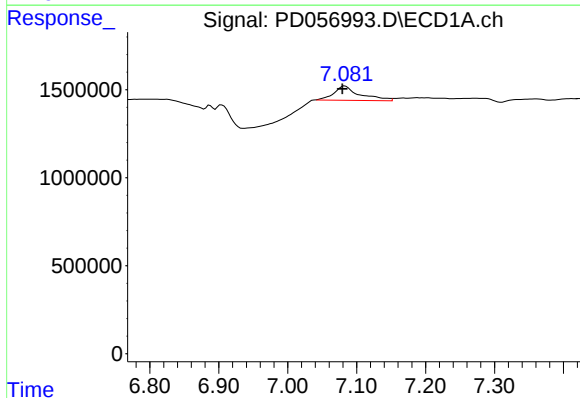
R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 771619
Conc: 0.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



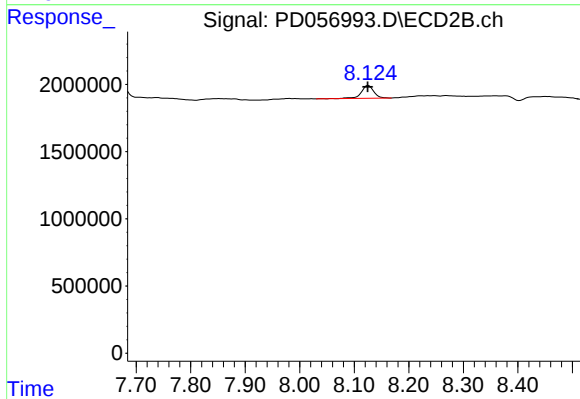
#21 Endrin ketone

R.T.: 7.673 min
Delta R.T.: 0.002 min
Response: 1854992
Conc: 0.90 ng/ml



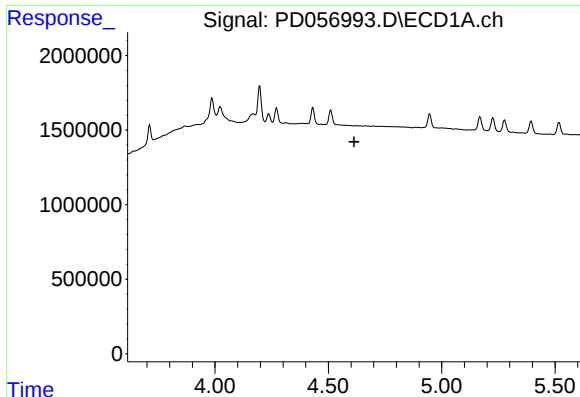
#22 Mirex

R.T.: 7.083 min
Delta R.T.: 0.004 min
Response: 2136603
Conc: 2.54 ng/ml



#22 Mirex

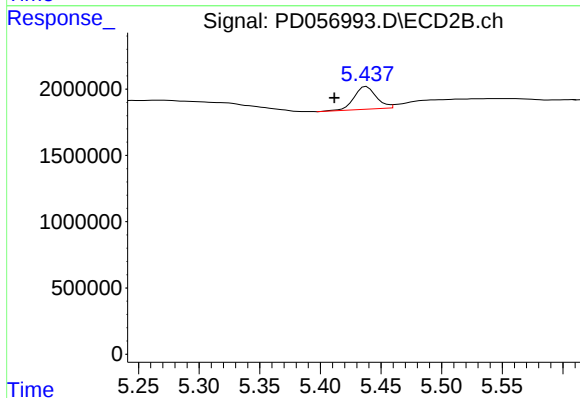
R.T.: 8.126 min
Delta R.T.: 0.001 min
Response: 1524486
Conc: 1.04 ng/ml



#24 Chlordane-2

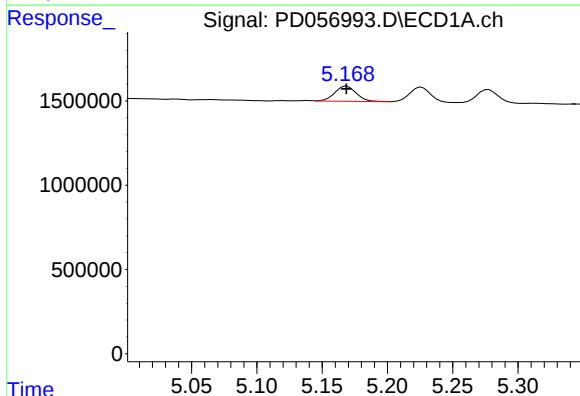
R.T.: 0.000 min
Exp R.T.: 4.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



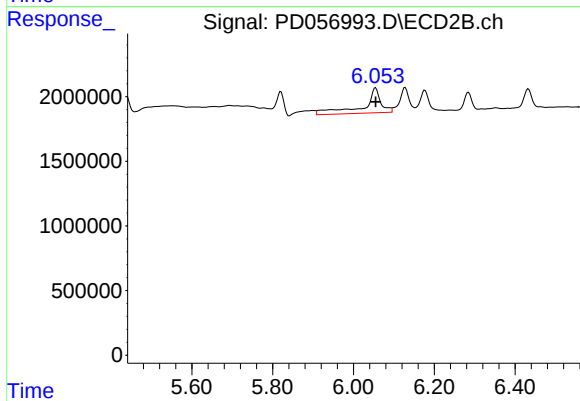
#24 Chlordane-2

R.T.: 5.438 min
Delta R.T.: 0.026 min
Response: 2163725
Conc: 31.54 ng/ml



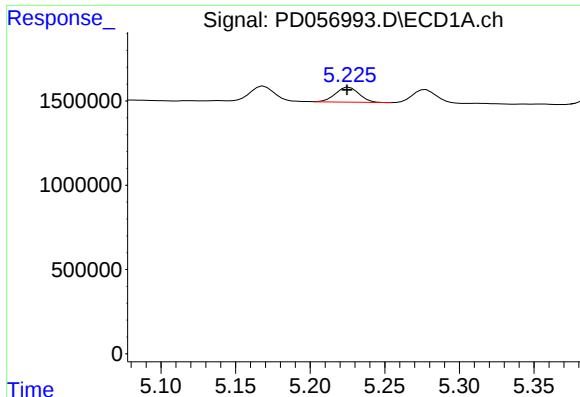
#25 Chlordane-3

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 1043125
Conc: 10.65 ng/ml



#25 Chlordane-3

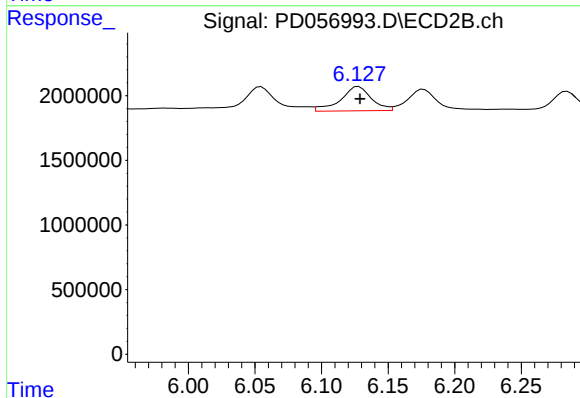
R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 5851708
Conc: 20.74 ng/ml



#26 Chlordane-4

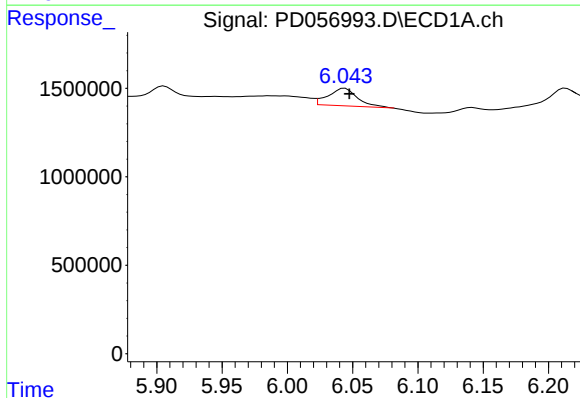
R.T.: 5.226 min
Delta R.T.: 0.001 min
Response: 993111
Conc: 11.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



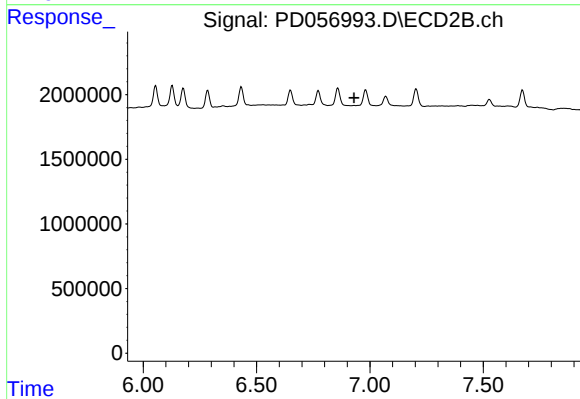
#26 Chlordane-4

R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 3031347
Conc: 8.98 ng/ml



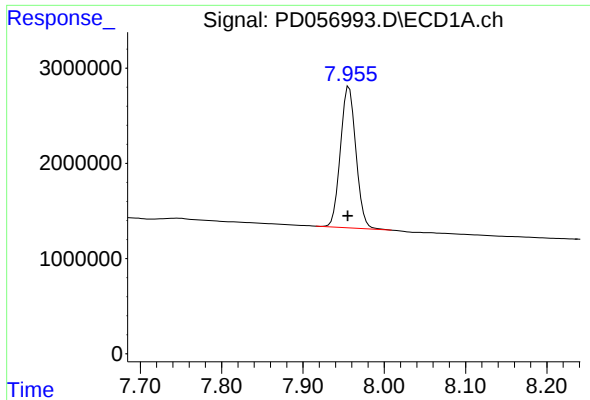
#27 Chlordane-5

R.T.: 6.044 min
Delta R.T.: -0.003 min
Response: 1480294
Conc: 42.78 ng/ml



#27 Chlordane-5

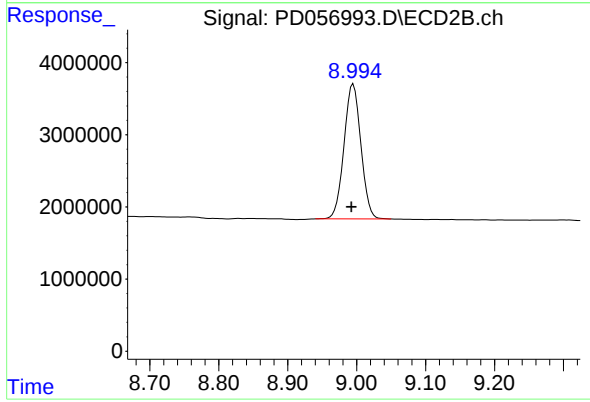
R.T.: 0.000 min
Exp R.T.: 6.930 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.957 min
Delta R.T.: 0.002 min
Response: 19578416
Conc: 20.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.003 min
Response: 31870484
Conc: 19.12 ng/ml