

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
 Data File : PD058186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2020 14:04
 Operator : AJ\MA
 Sample : L2182-01
 Misc : 1 PPB LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 00:44:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
 Quant Title : GC Extractables
 QLast Update : Thu May 21 13:46:14 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...	3.210	3.867	16364710	22743036	20.939	19.969
28)	SA Decachlor...	7.850	8.851	16611808	20240700	20.776	19.524
Target Compounds							
2)	A alpha-BHC	3.632	4.248	1050761	1612158	0.867	0.947
3)	MA gamma-BHC...	3.903	4.528	1928226	1496672	1.644	0.904 #
4)	MA Heptachlor	4.183	5.027	1007556	1582180	0.941	1.016
5)	MB Aldrin	4.418	0.000	1313893	0	1.252	N.D. #
6)	B beta-BHC	4.153	0.000	567577	0	1.174	N.D. #
7)	B delta-BHC	4.343	0.000	1255350	0	1.100	N.D. #
8)	A Heptachlo...	4.851	5.709	1706644	1953759	1.748	1.405
9)	A Endosulfan I	5.178	0.000	1169733	0	1.282	N.D. #
10)	B gamma-Chl...	5.071	5.942	1661819	1436344	1.674	1.030 #
11)	B alpha-Chl...	5.128	6.013	1294493	1290216	1.309	0.930 #
12)	B 4,4'-DDE	5.297	0.000	976857	0	1.049	N.D. #
13)	MA Dieldrin	5.416	6.316	900543	1240707	0.918	0.932
14)	MA Endrin	5.667	0.000	942422	0	1.178	N.D. #
15)	B Endosulfa...	5.941	0.000	738451	0	0.851	N.D. #
16)	A 4,4'-DDD	5.805	0.000	806879	0	1.001	N.D. #
17)	MA 4,4'-DDT	6.037	0.000	609150	0	0.883	N.D. #
18)	B Endrin al...	6.109	0.000	469393	0	0.642	N.D. #
19)	B Endosulfa...	6.318	0.000	727181	0	0.891	N.D. #
20)	A Methoxychlor	6.588	0.000	290291	0	0.736	N.D. #
21)	B Endrin ke...	6.801	0.000	1636233	0	1.511	N.D. #
22)	Mirex	6.972	0.000	334344	0	0.475	N.D. #
24)	Chlordane-2	4.502f	0.000	354480	0	11.088	N.D. #
25)	Chlordane-3	5.071	5.942	1661819	1436344	18.541	8.353 #
26)	Chlordane-4	5.128	6.013	1294493	1290216	15.151	6.191 #
27)	Chlordane-5	5.941	0.000	738451	0	27.339	N.D. #

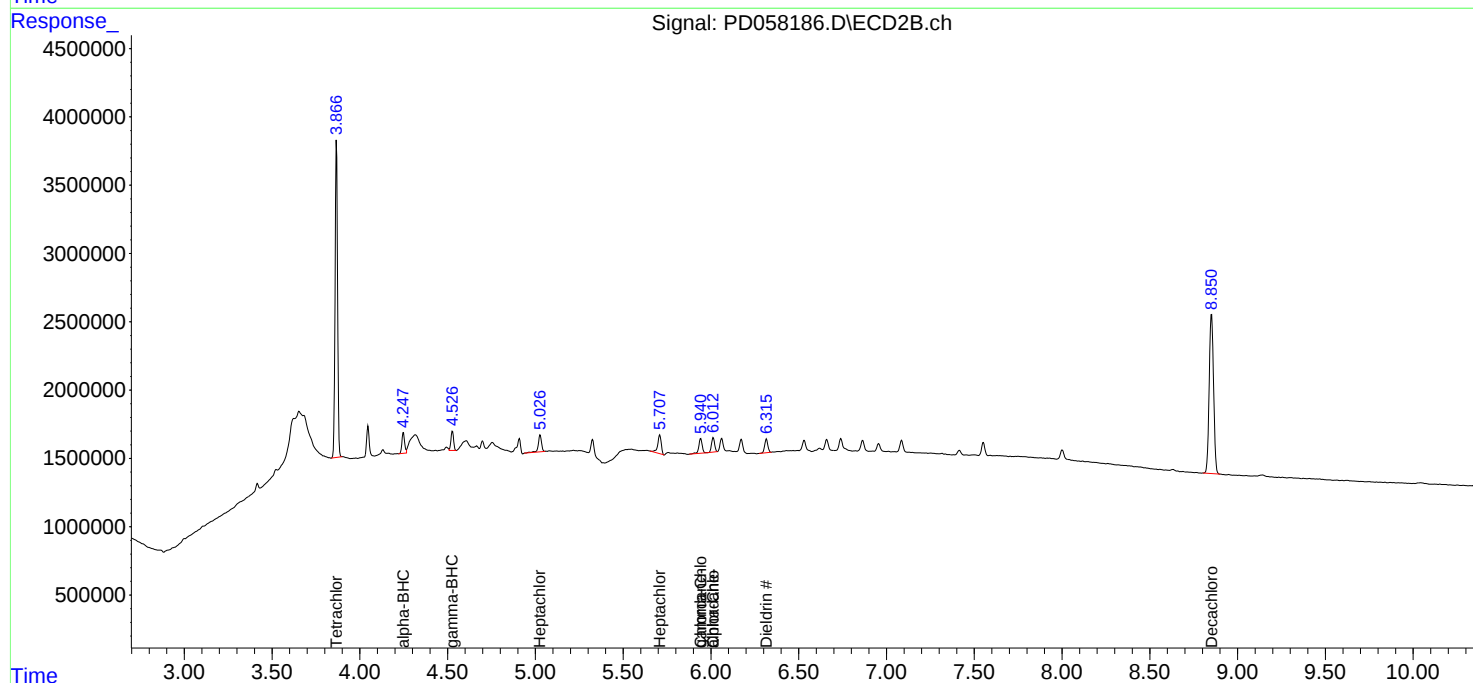
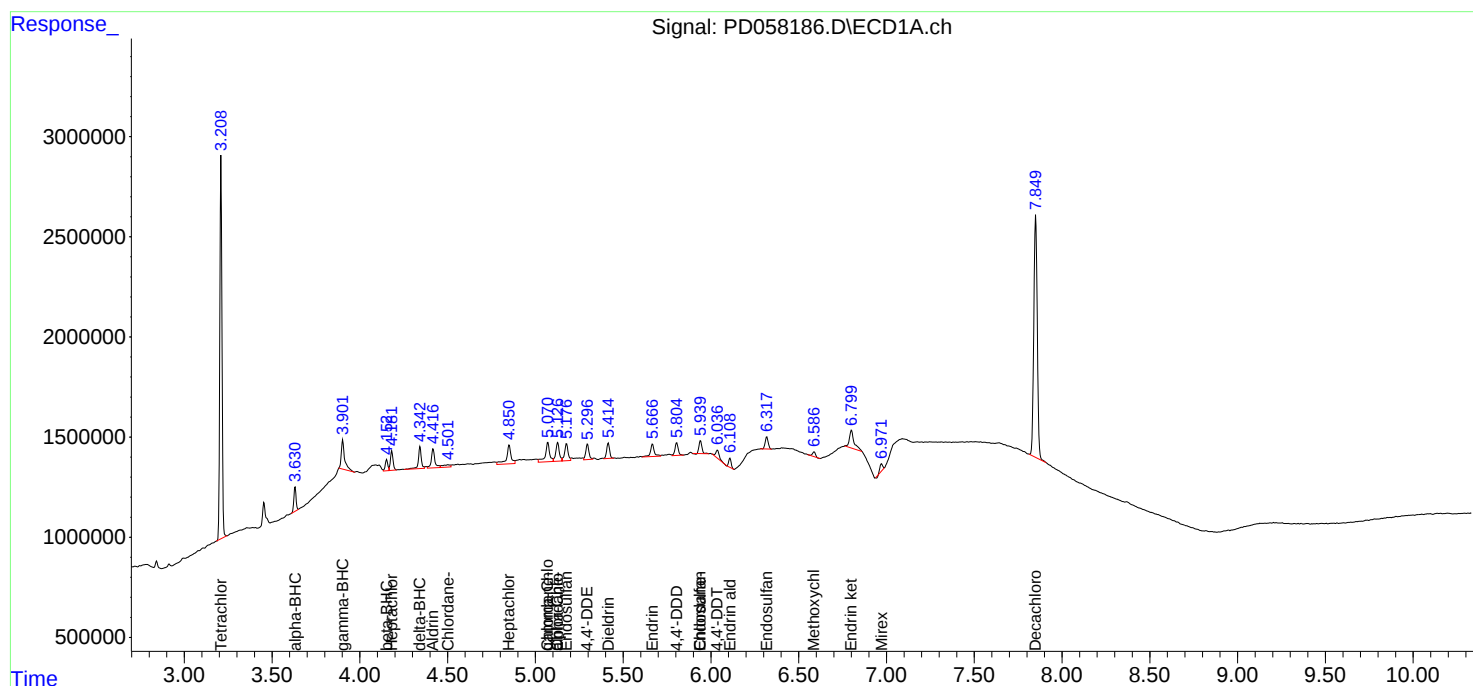
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

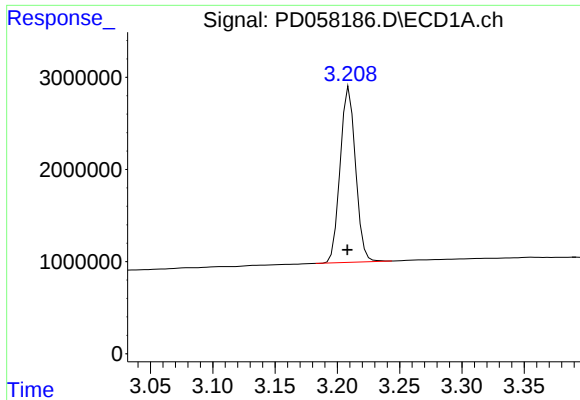
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
Data File : PD058186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2020 14:04
Operator : AJ\MA
Sample : L2182-01
Misc : 1 PPB LOD
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 00:44:05 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
Quant Title : GC Extractables
QLast Update : Thu May 21 13:46:14 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

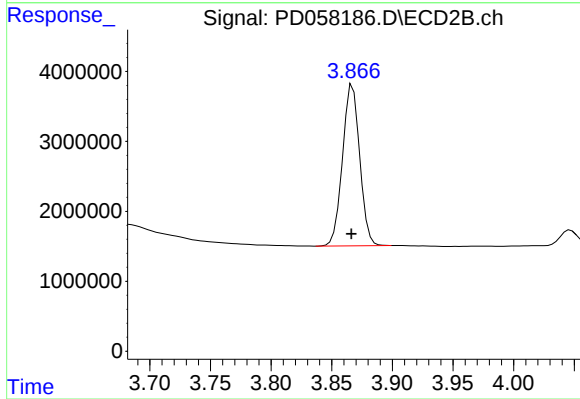




#1 Tetrachloro-m-xylene

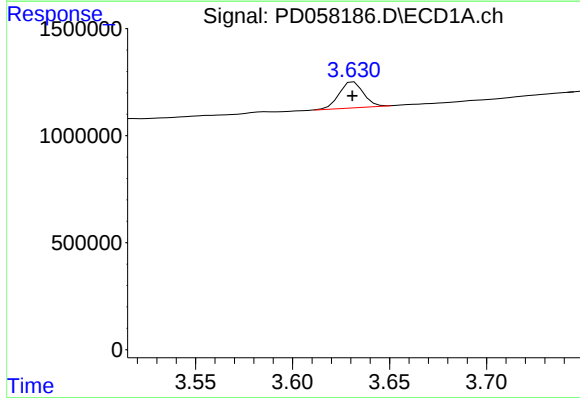
R.T.: 3.210 min
Delta R.T.: 0.002 min
Response: 16364710
Conc: 20.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



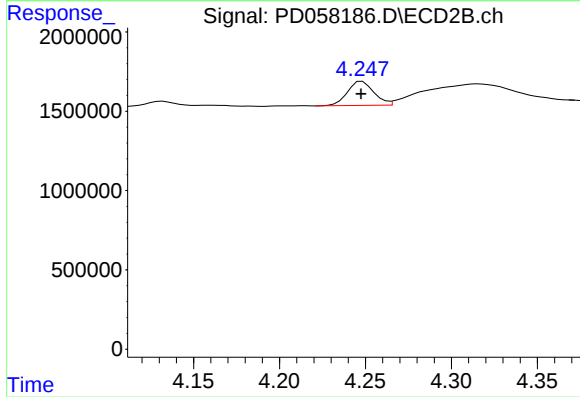
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: 0.001 min
Response: 22743036
Conc: 19.97 ng/ml



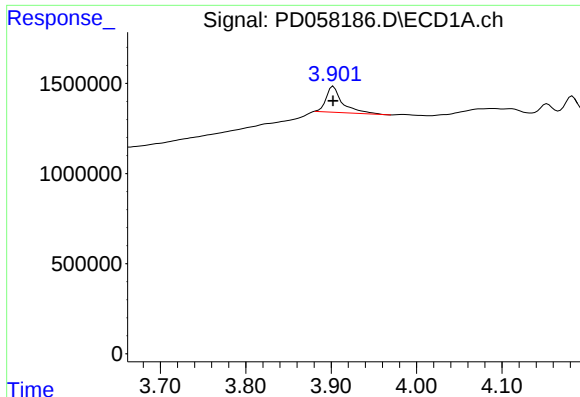
#2 alpha-BHC

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 1050761
Conc: 0.87 ng/ml



#2 alpha-BHC

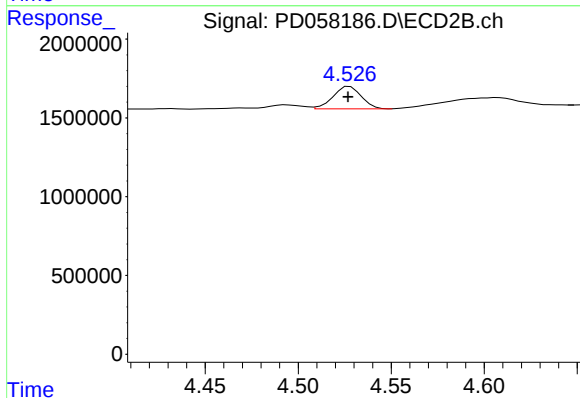
R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 1612158
Conc: 0.95 ng/ml



#3 gamma-BHC (Lindane)

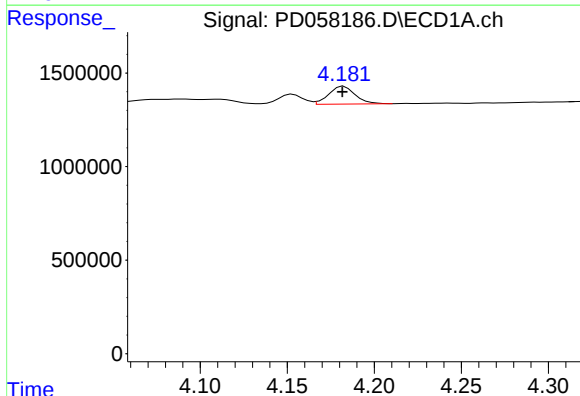
R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 1928226
Conc: 1.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



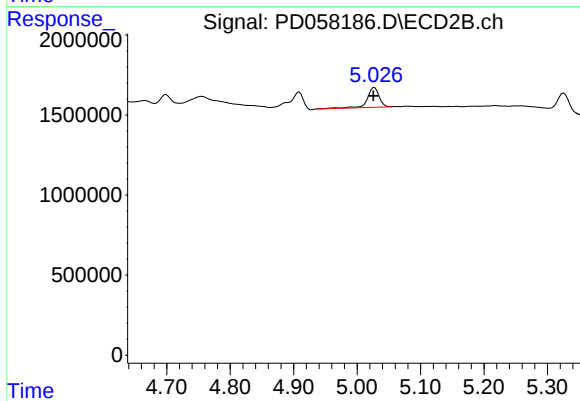
#3 gamma-BHC (Lindane)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 1496672
Conc: 0.90 ng/ml



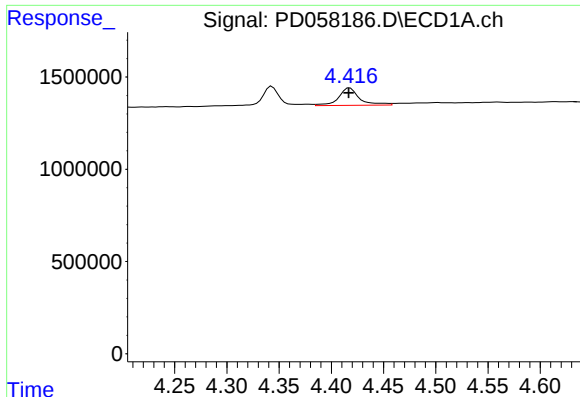
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 1007556
Conc: 0.94 ng/ml



#4 Heptachlor

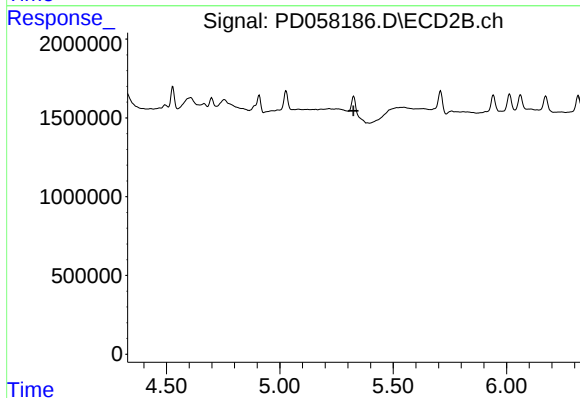
R.T.: 5.027 min
Delta R.T.: 0.002 min
Response: 1582180
Conc: 1.02 ng/ml



#5 Aldrin

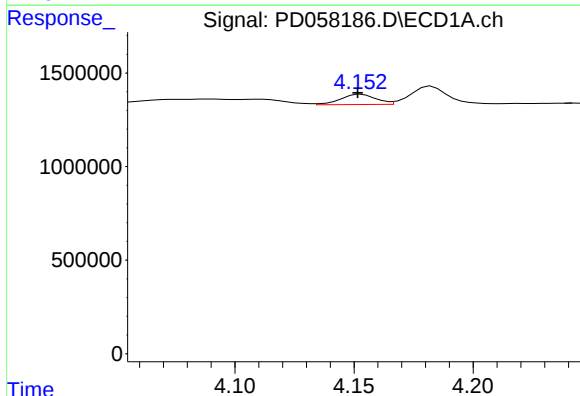
R.T.: 4.418 min
Delta R.T.: 0.001 min
Response: 1313893
Conc: 1.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



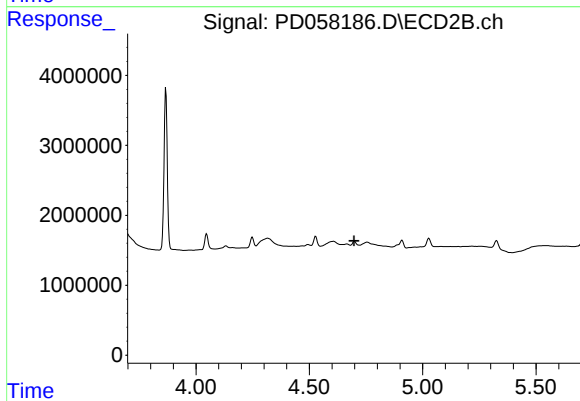
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.325 min
Response: 0
Conc: N.D.



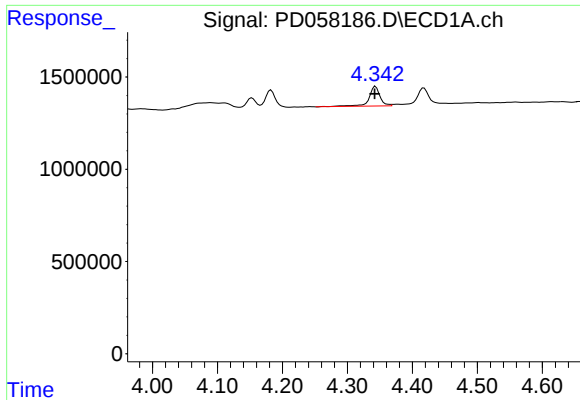
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: 0.002 min
Response: 567577
Conc: 1.17 ng/ml



#6 beta-BHC

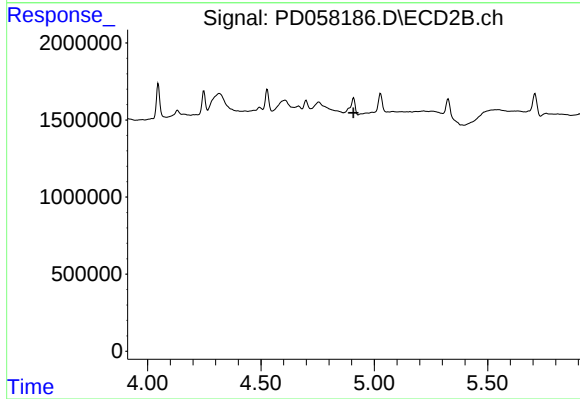
R.T.: 0.000 min
Exp R.T. : 4.698 min
Response: 0
Conc: N.D.



#7 delta-BHC

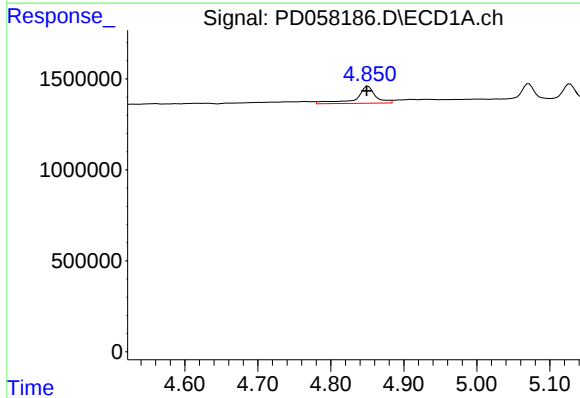
R.T.: 4.343 min
Delta R.T.: 0.001 min
Response: 1255350
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



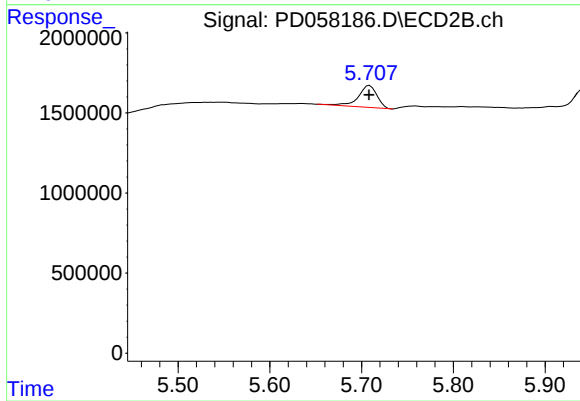
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



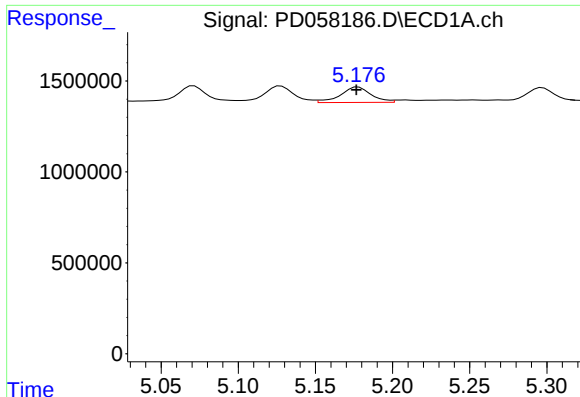
#8 Heptachlor epoxide

R.T.: 4.851 min
Delta R.T.: 0.002 min
Response: 1706644
Conc: 1.75 ng/ml



#8 Heptachlor epoxide

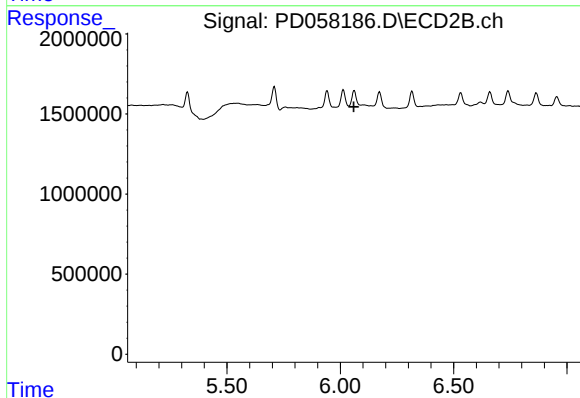
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 1953759
Conc: 1.41 ng/ml



#9 Endosulfan I

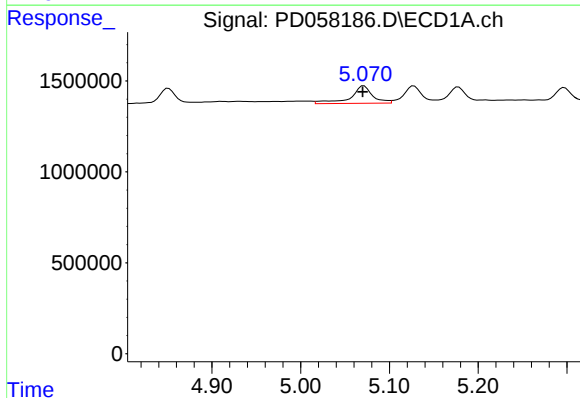
R.T.: 5.178 min
Delta R.T.: 0.001 min
Response: 1169733
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



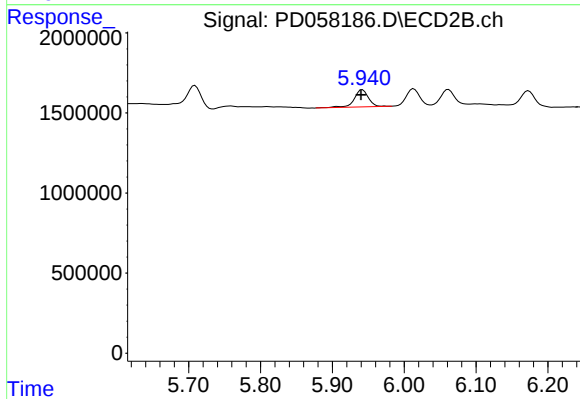
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.060 min
Response: 0
Conc: N.D.



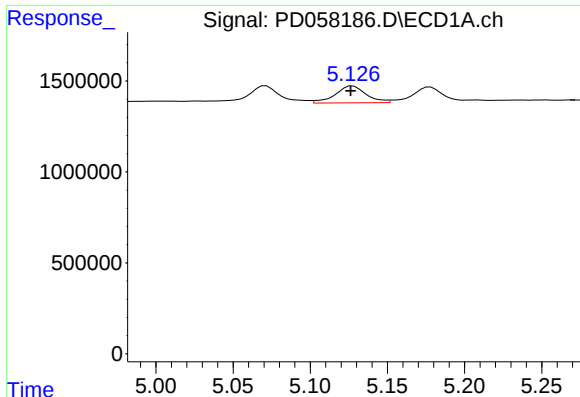
#10 gamma-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.001 min
Response: 1661819
Conc: 1.67 ng/ml



#10 gamma-Chlordane

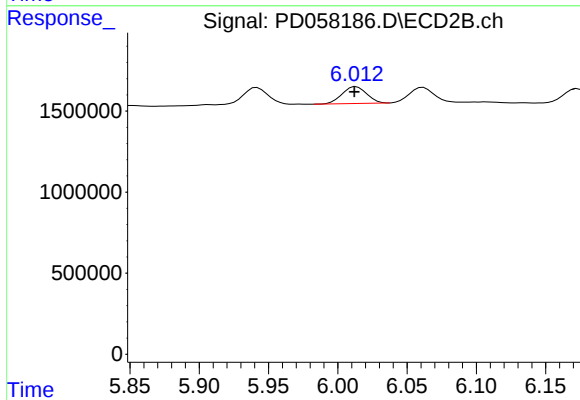
R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 1436344
Conc: 1.03 ng/ml



#11 alpha-Chlordane

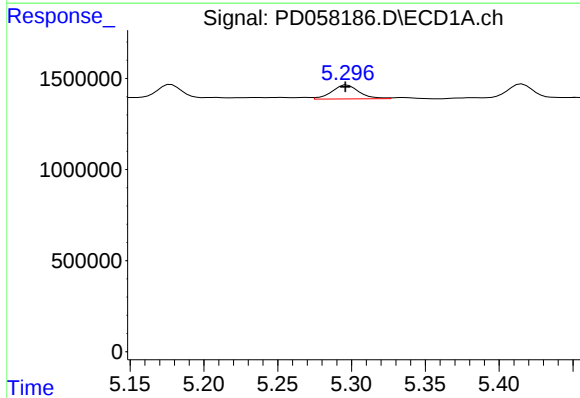
R.T.: 5.128 min
Delta R.T.: 0.001 min
Response: 1294493
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



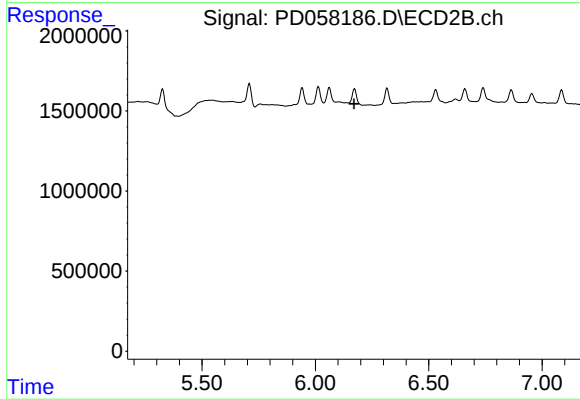
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: 0.001 min
Response: 1290216
Conc: 0.93 ng/ml



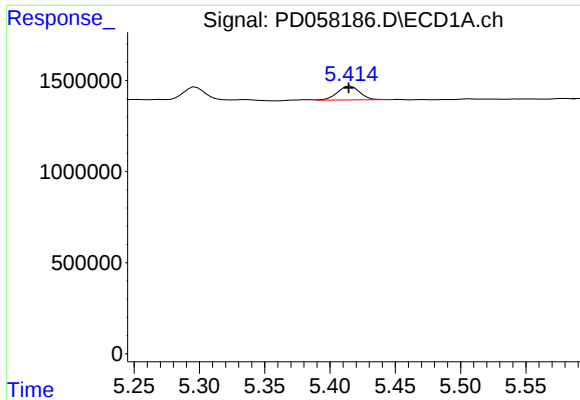
#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.001 min
Response: 976857
Conc: 1.05 ng/ml



#12 4,4'-DDE

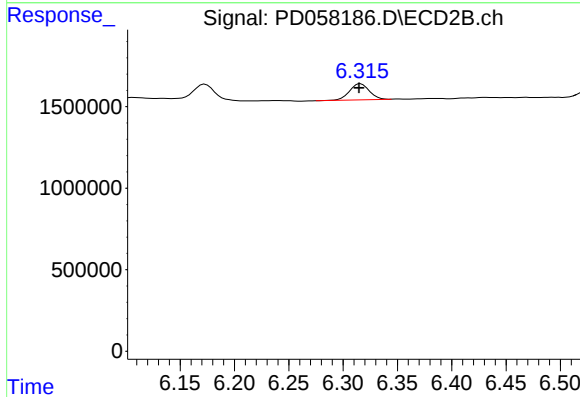
R.T.: 0.000 min
Exp R.T.: 6.172 min
Response: 0
Conc: N.D.



#13 Dieldrin

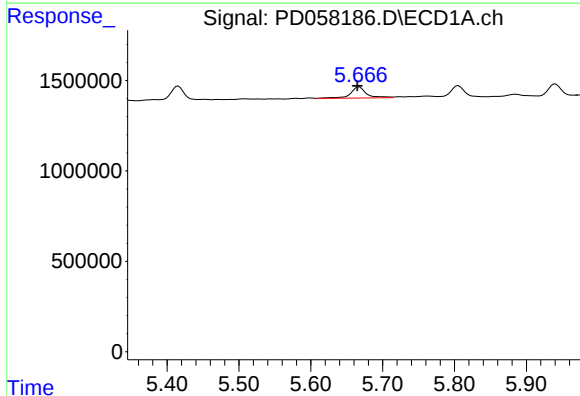
R.T.: 5.416 min
Delta R.T.: 0.001 min
Response: 900543
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



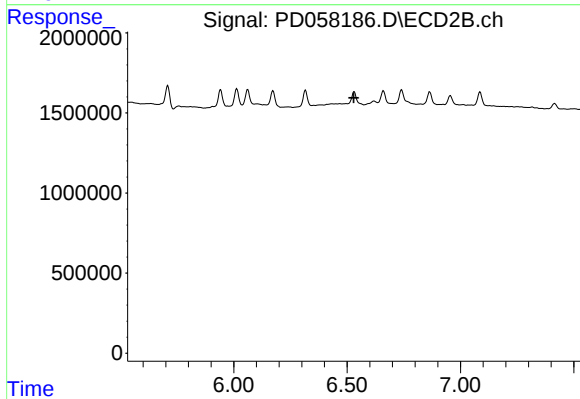
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 1240707
Conc: 0.93 ng/ml



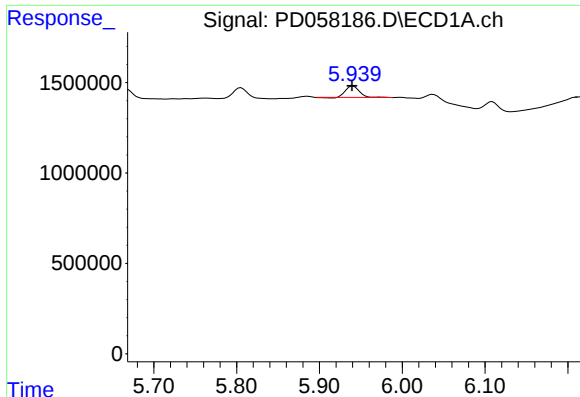
#14 Endrin

R.T.: 5.667 min
Delta R.T.: 0.002 min
Response: 942422
Conc: 1.18 ng/ml



#14 Endrin

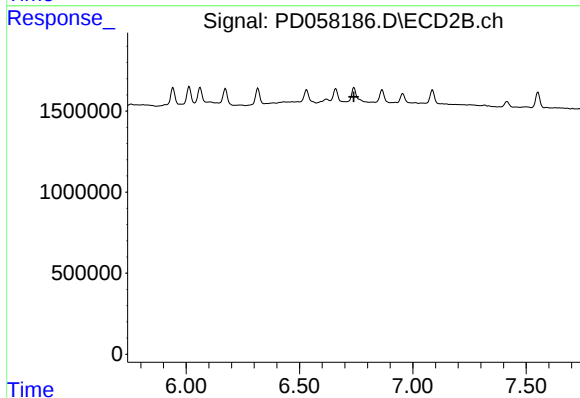
R.T.: 0.000 min
Exp R.T.: 6.530 min
Response: 0
Conc: N.D.



#15 Endosulfan II

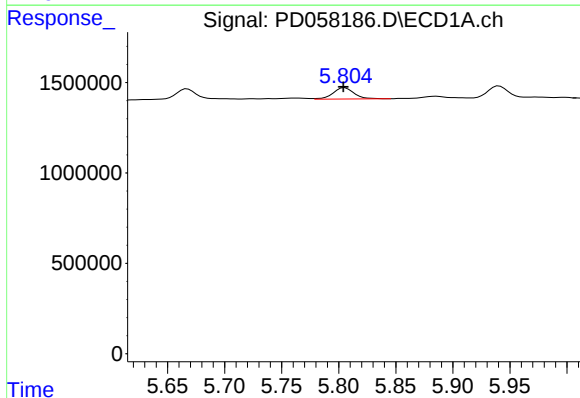
R.T.: 5.941 min
Delta R.T.: 0.001 min
Response: 738451
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
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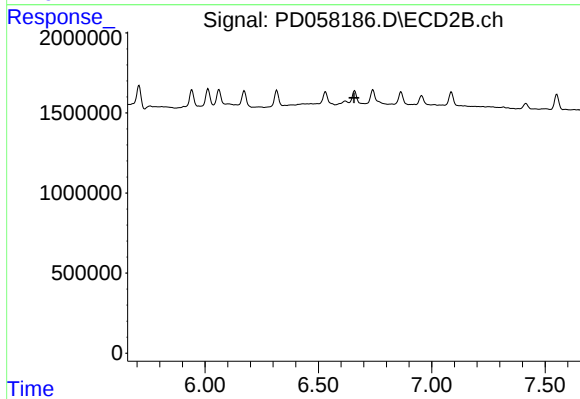
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.739 min
Response: 0
Conc: N.D.



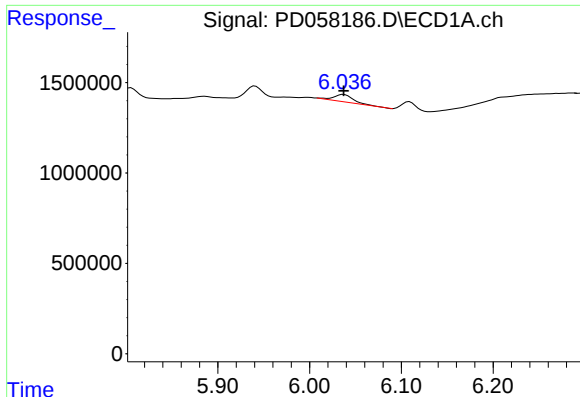
#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.001 min
Response: 806879
Conc: 1.00 ng/ml



#16 4,4'-DDD

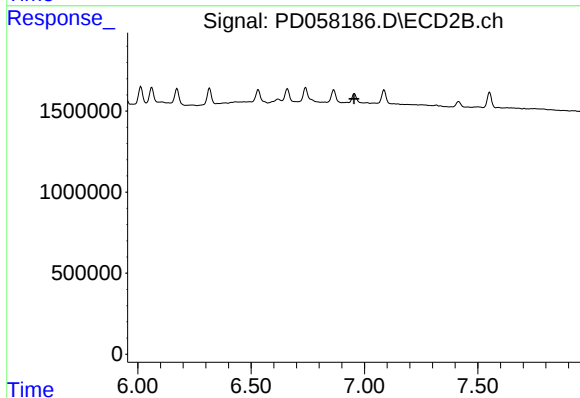
R.T.: 0.000 min
Exp R.T. : 6.658 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

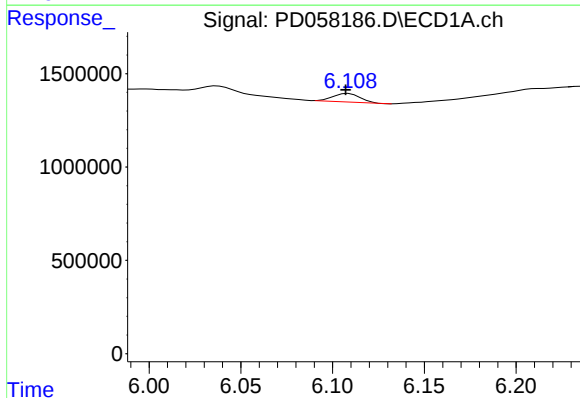
R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 609150
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



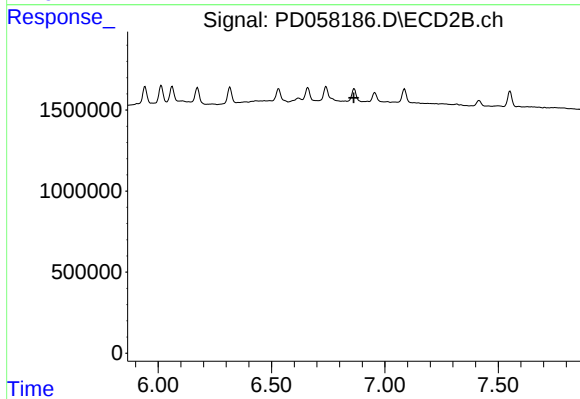
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 6.954 min
Response: 0
Conc: N.D.



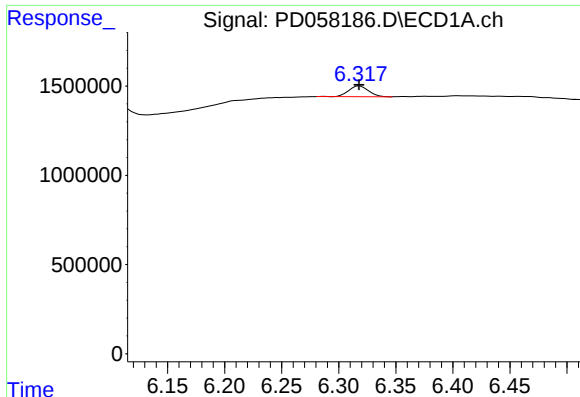
#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.002 min
Response: 469393
Conc: 0.64 ng/ml



#18 Endrin aldehyde

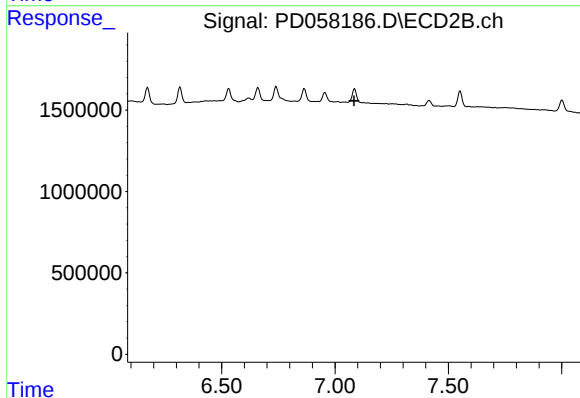
R.T.: 0.000 min
Exp R.T. : 6.862 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

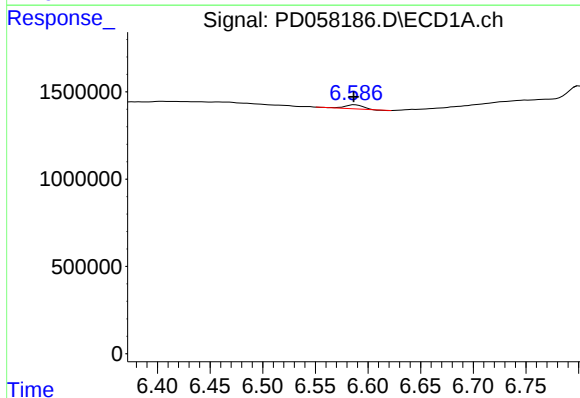
R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 727181
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



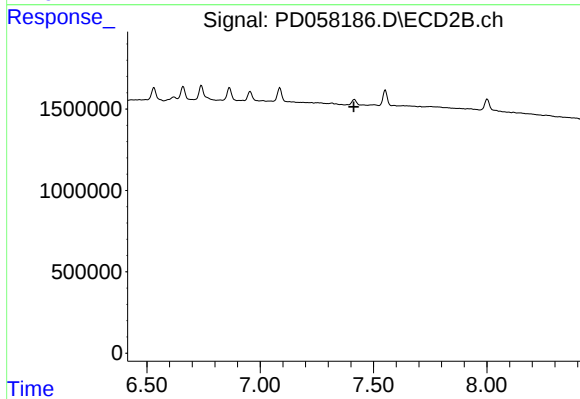
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.084 min
Response: 0
Conc: N.D.



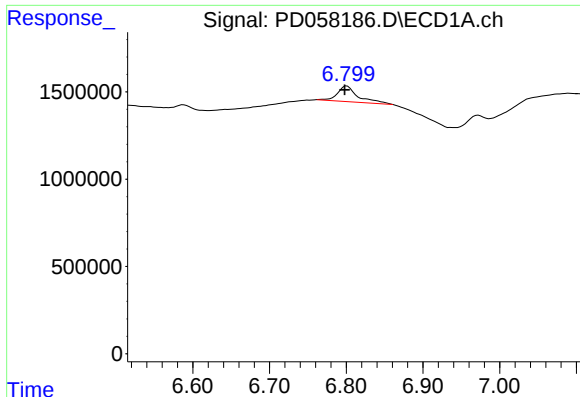
#20 Methoxychlor

R.T.: 6.588 min
Delta R.T.: 0.001 min
Response: 290291
Conc: 0.74 ng/ml



#20 Methoxychlor

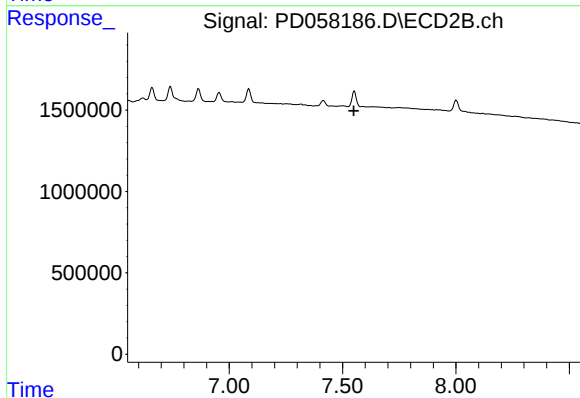
R.T.: 0.000 min
Exp R.T. : 7.413 min
Response: 0
Conc: N.D.



#21 Endrin ketone

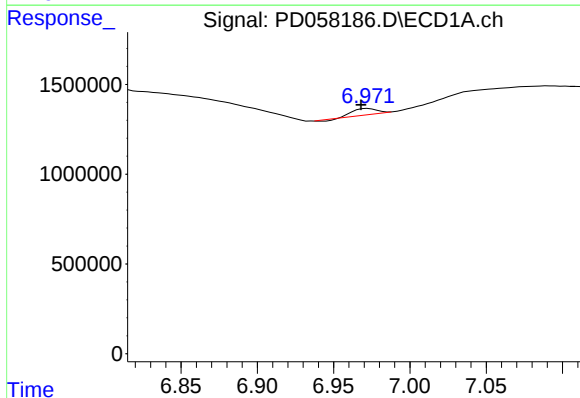
R.T.: 6.801 min
Delta R.T.: 0.003 min
Response: 1636233
Conc: 1.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



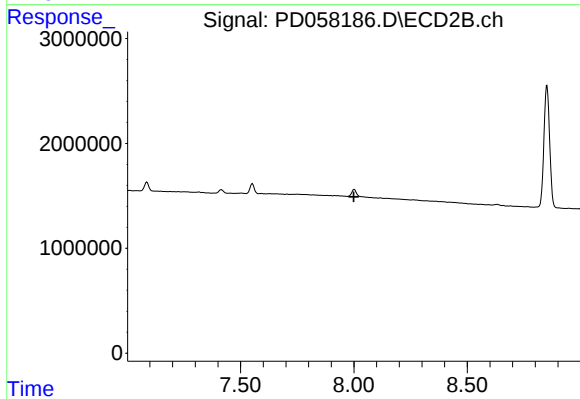
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.550 min
Response: 0
Conc: N.D.



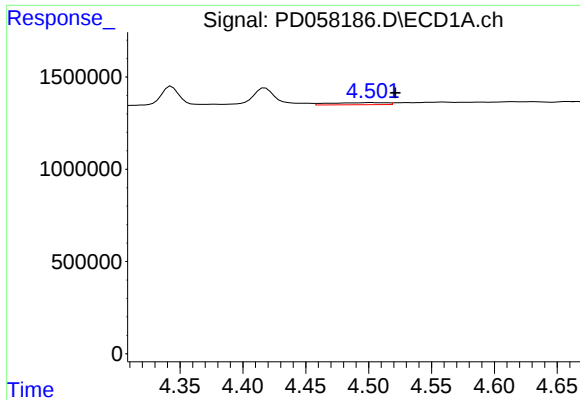
#22 Mirex

R.T.: 6.972 min
Delta R.T.: 0.004 min
Response: 334344
Conc: 0.47 ng/ml



#22 Mirex

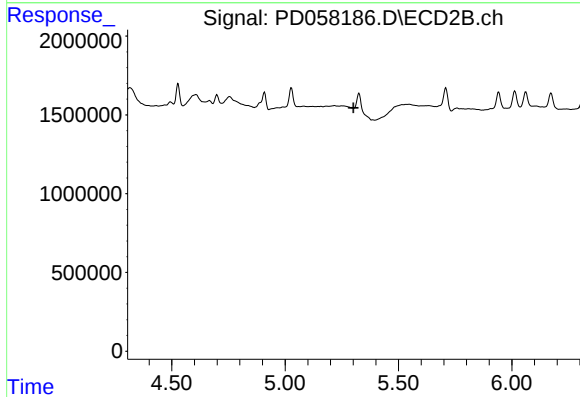
R.T.: 0.000 min
Exp R.T. : 8.000 min
Response: 0
Conc: N.D.



#24 Chlordane-2

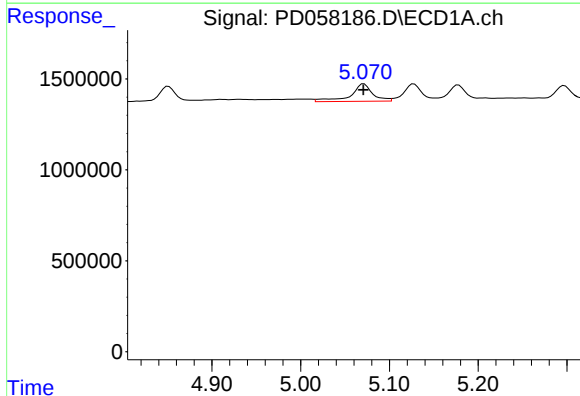
R.T.: 4.502 min
Delta R.T.: -0.019 min
Response: 354480
Conc: 11.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



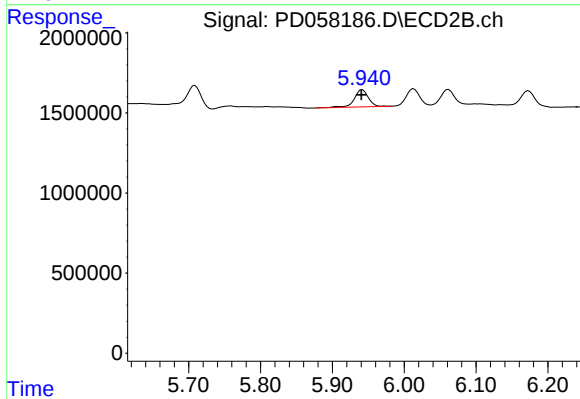
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.302 min
Response: 0
Conc: N.D.



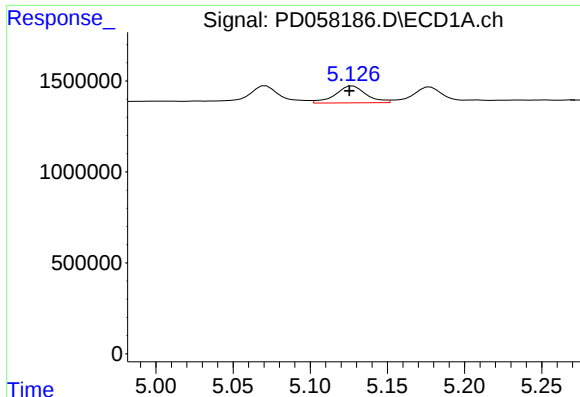
#25 Chlordane-3

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 1661819
Conc: 18.54 ng/ml



#25 Chlordane-3

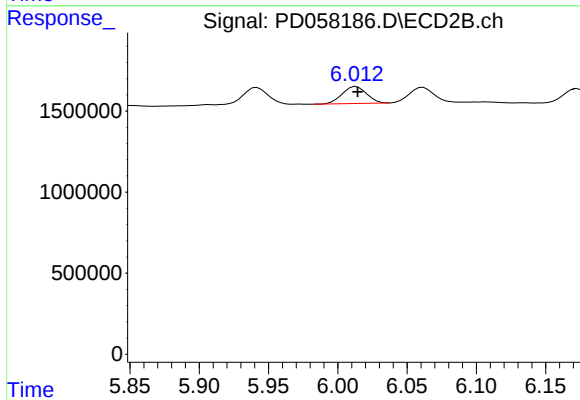
R.T.: 5.942 min
Delta R.T.: 0.001 min
Response: 1436344
Conc: 8.35 ng/ml



#26 Chlordane-4

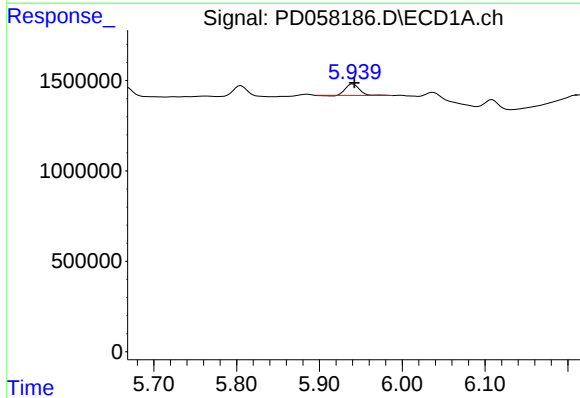
R.T.: 5.128 min
Delta R.T.: 0.002 min
Response: 1294493
Conc: 15.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



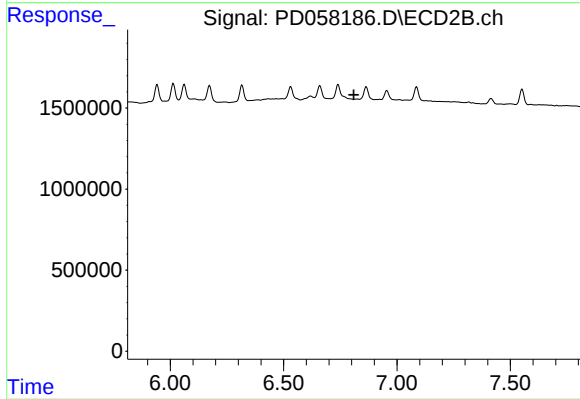
#26 Chlordane-4

R.T.: 6.013 min
Delta R.T.: -0.001 min
Response: 1290216
Conc: 6.19 ng/ml



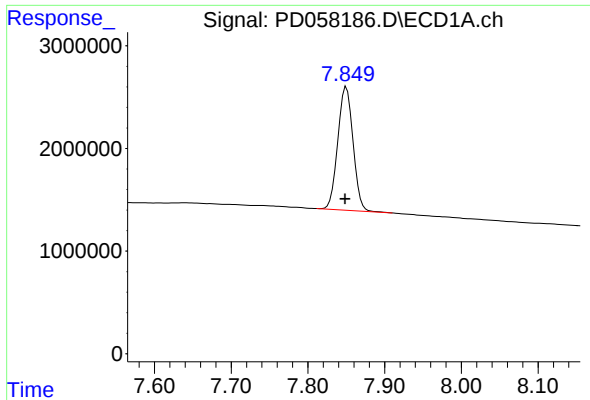
#27 Chlordane-5

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 738451
Conc: 27.34 ng/ml



#27 Chlordane-5

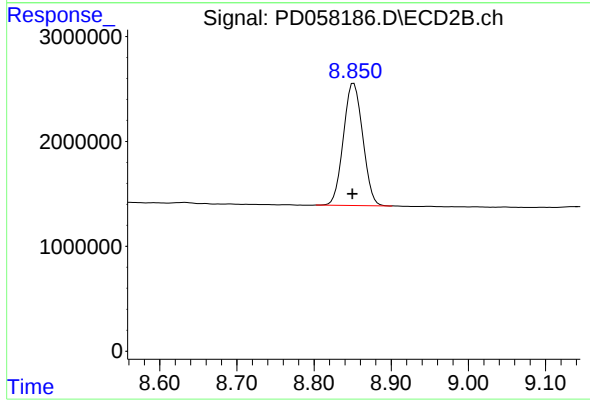
R.T.: 0.000 min
Exp R.T.: 6.810 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.850 min
Delta R.T.: 0.002 min
Response: 16611808
Conc: 20.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



#28 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: 0.002 min
Response: 20240700
Conc: 19.52 ng/ml