

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090121\
 Data File : PD065492.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2021 11:02
 Operator : AR\AJ
 Sample : M3263-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-QT4-2021-07

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 08:11:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082921CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 28 03:49:37 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 x 0.2 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...	3.496	4.014	20948056	149.1E6	18.530	18.405
27)	SA Decachlor...	8.241	9.087	51637331	191.4E6	35.744	37.020
Target Compounds							
2)	A alpha-BHC	3.936	4.409	2173573	13560822	1.412	1.241
3)	MA gamma-BHC...	4.219	4.696	3640787	13255338	2.225	1.260 #
4)	MA Heptachlor	4.517	5.200	1643747	12689522	1.121	1.261
5)	MB Aldrin	4.765	5.505	1776333	12120404	1.258	1.267
6)	B beta-BHC	4.468	4.873	1074669	6278240	1.457	1.308
7)	B delta-BHC	4.672	5.089	1832736	16415244	1.220	1.593 #
8)	B Heptachlor...	5.208	5.894	1847861	6900080	1.370	0.846 #
9)	A Endosulfan I	5.546	6.253	1688819	9758056	1.325	1.316
10)	B trans-Chl...	5.433	6.128	1886116	10384662	1.377	1.280
11)	B cis-Chlor...	5.491	6.200	1774788	10219240	1.305	1.289
12)	B 4,4'-DDE	5.654	6.358	1493873	9551732	1.194	1.291
13)	MA Dieldrin	5.789	6.510	1827122	10300094	1.365	1.346
14)	MA Endrin	6.047	6.730	1667535	8478549	1.369	1.338
15)	B Endosulfa...	6.319	6.943	1635415	8856689	1.298	1.366
16)	A 4,4'-DDD	6.169	6.852	1160444	7127836	1.057	1.184
17)	MA 4,4'-DDT	6.409	7.149	1381187	7649814	1.151	1.254
18)	B Endrin al...	6.488	7.068	1516165	7735168	1.512	1.512
19)	B Endosulfa...	6.699	7.290	1888479	7693697	1.476	1.238
20)	A Methoxychlor	6.956	7.608	175683	3673759	0.269	1.259 #
21)	B Endrin ke...	7.194	7.764	2193713	10515548	1.412	1.480
22)	Toxaphene-1	5.789	6.440	1827122	250489	209.247	7.263 #
23)	Toxaphene-2	6.252	6.730	1161015	8478549	116.962	224.292 #
24)	Toxaphene-3	6.319	7.199	1635415	99090	74.623	0.928 #
25)	Toxaphene-4	0.000	7.290	0	7693697	N.D.	72.023
26)	Toxaphene-5	7.098	0.000	4671800	0	171.124	N.D. #

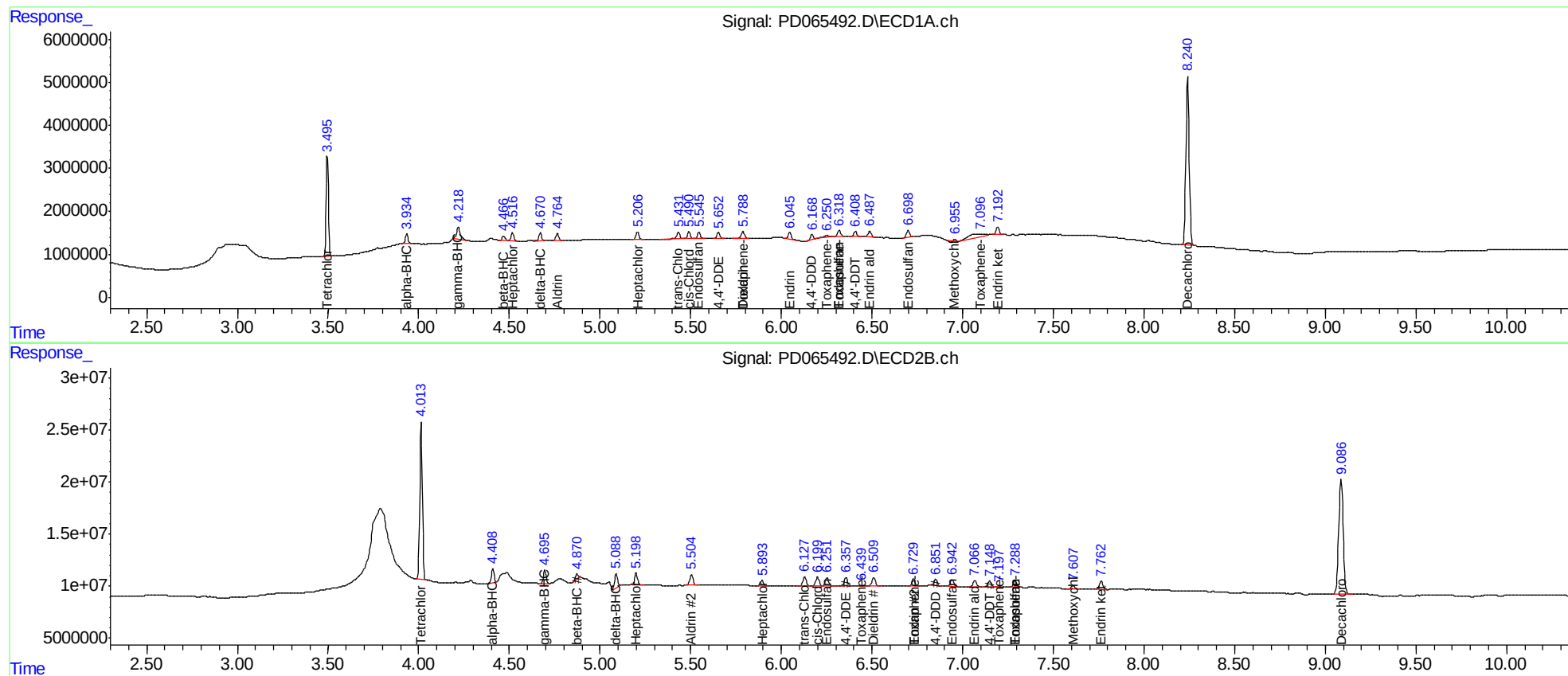
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

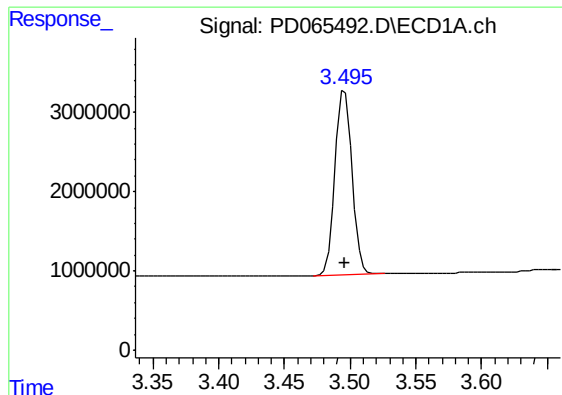
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090121\
Data File : PD065492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Aug 2021 11:02
Operator : AR\AJ
Sample : M3263-03
Misc : PEST MDL 1 PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
MDL-SOIL-QT4-2021-07

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 01 08:11:23 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082921CLP.M
Quant Title : GC Extractables
QLast Update : Sat Aug 28 03:49:37 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 x 0.50µm

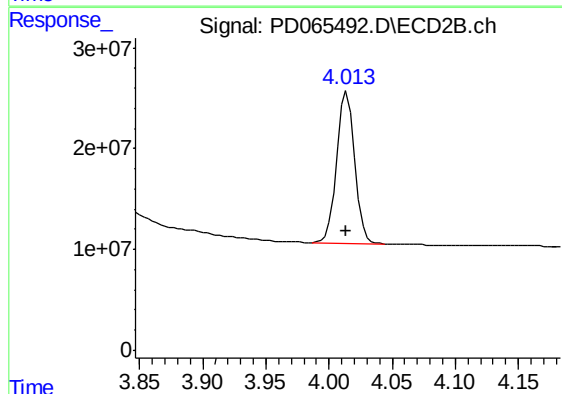




#1 Tetrachloro-m-xylene

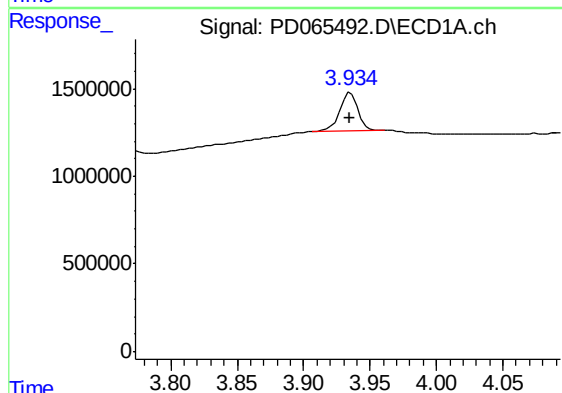
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 20948056
Conc: 18.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



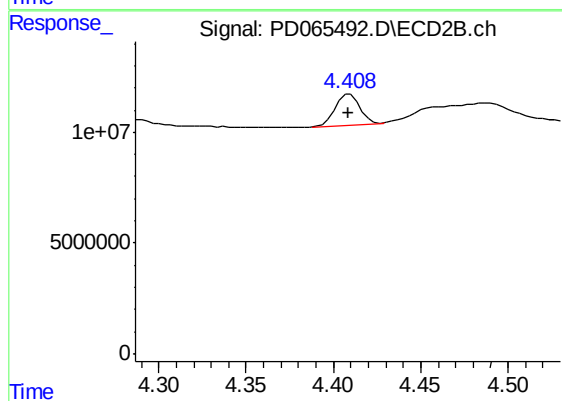
#1 Tetrachloro-m-xylene

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 149100884
Conc: 18.40 ng/ml



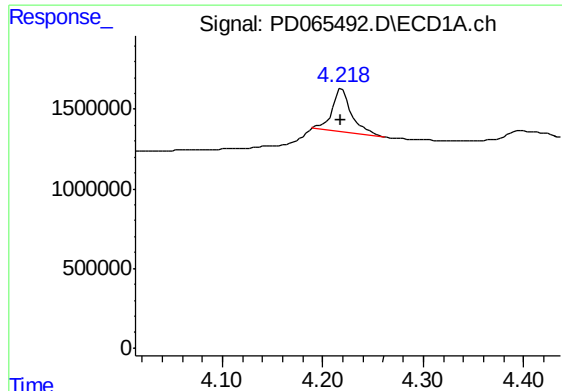
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 2173573
Conc: 1.41 ng/ml



#2 alpha-BHC

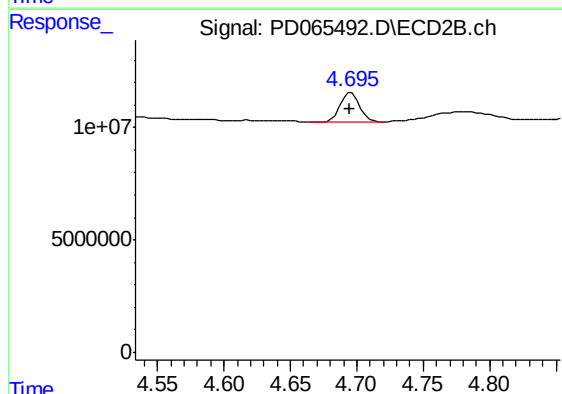
R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 13560822
Conc: 1.24 ng/ml



#3 gamma-BHC (Lindane)

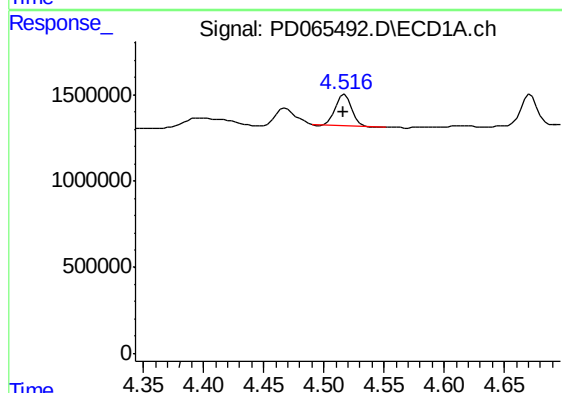
R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 3640787
Conc: 2.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



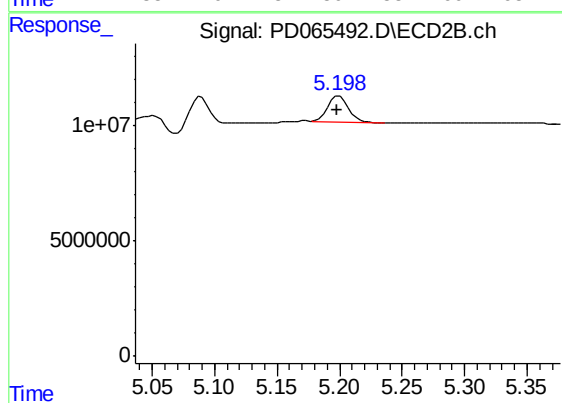
#3 gamma-BHC (Lindane)

R.T.: 4.696 min
Delta R.T.: 0.001 min
Response: 13255338
Conc: 1.26 ng/ml



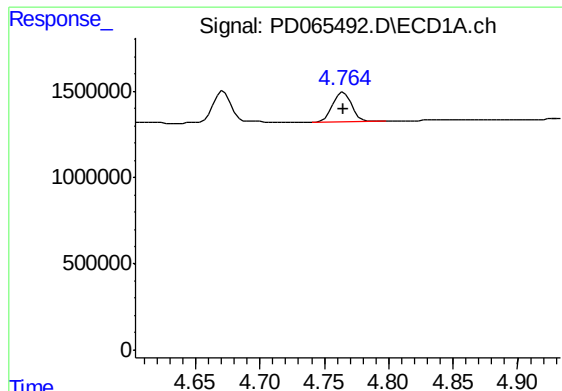
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.001 min
Response: 1643747
Conc: 1.12 ng/ml



#4 Heptachlor

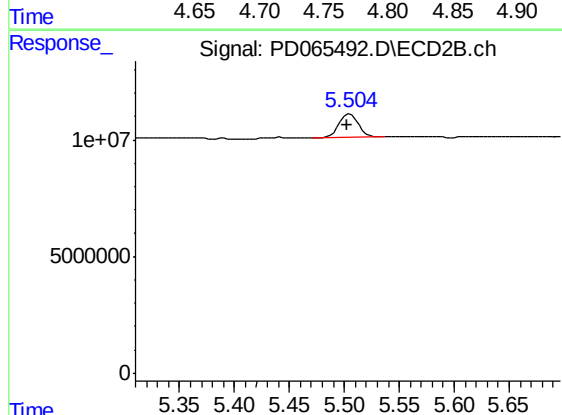
R.T.: 5.200 min
Delta R.T.: 0.001 min
Response: 12689522
Conc: 1.26 ng/ml



#5 Aldrin

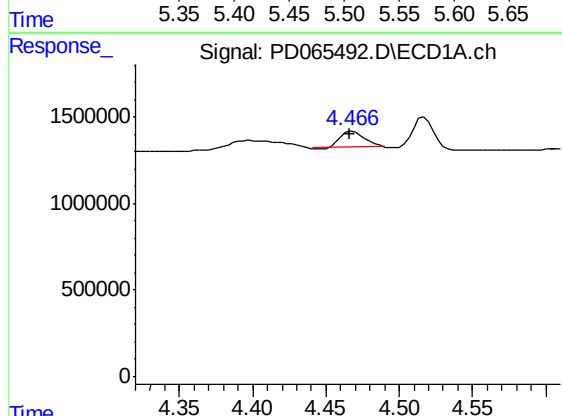
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 1776333
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



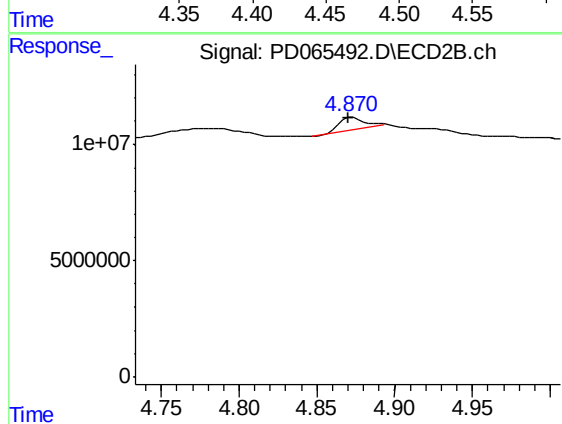
#5 Aldrin

R.T.: 5.505 min
Delta R.T.: 0.002 min
Response: 12120404
Conc: 1.27 ng/ml



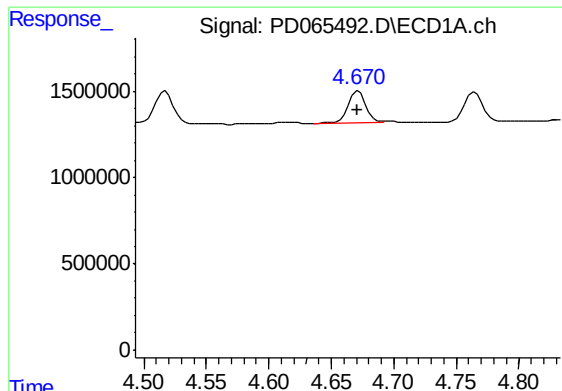
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.002 min
Response: 1074669
Conc: 1.46 ng/ml



#6 beta-BHC

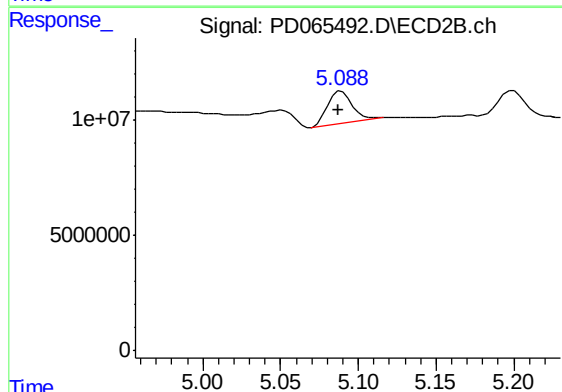
R.T.: 4.873 min
Delta R.T.: 0.002 min
Response: 6278240
Conc: 1.31 ng/ml



#7 delta-BHC

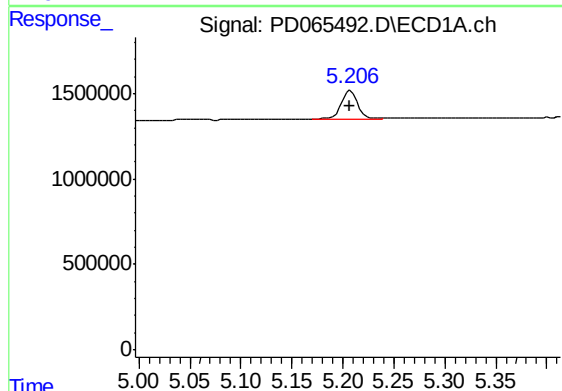
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1832736
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



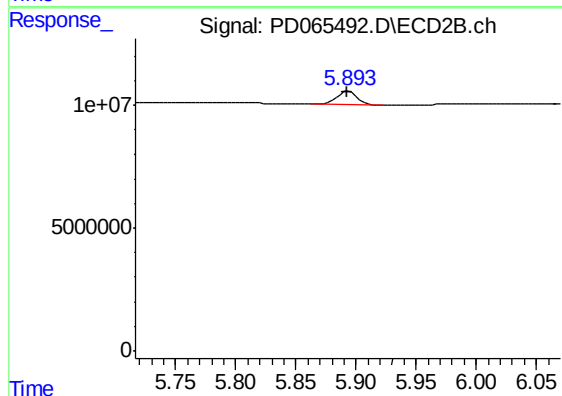
#7 delta-BHC

R.T.: 5.089 min
Delta R.T.: 0.002 min
Response: 16415244
Conc: 1.59 ng/ml



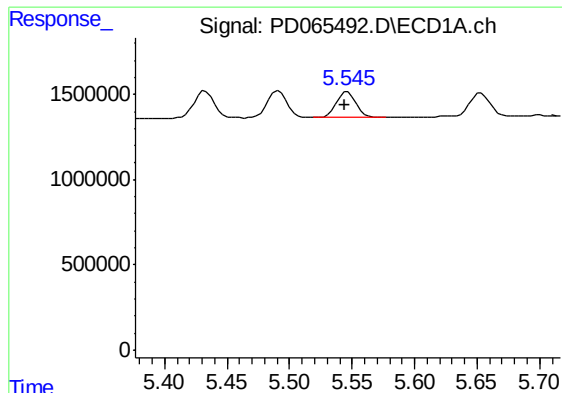
#8 Heptachlor epoxide

R.T.: 5.208 min
Delta R.T.: 0.001 min
Response: 1847861
Conc: 1.37 ng/ml



#8 Heptachlor epoxide

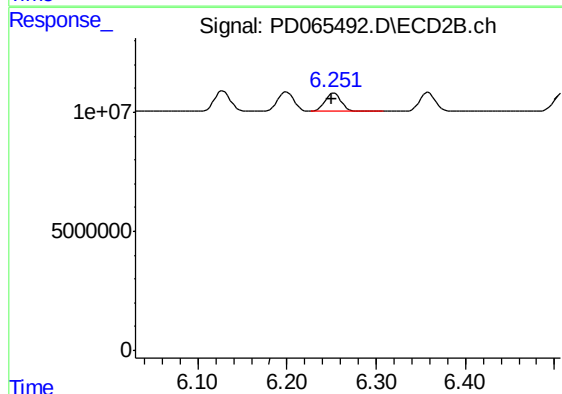
R.T.: 5.894 min
Delta R.T.: 0.002 min
Response: 6900080
Conc: 0.85 ng/ml



#9 Endosulfan I

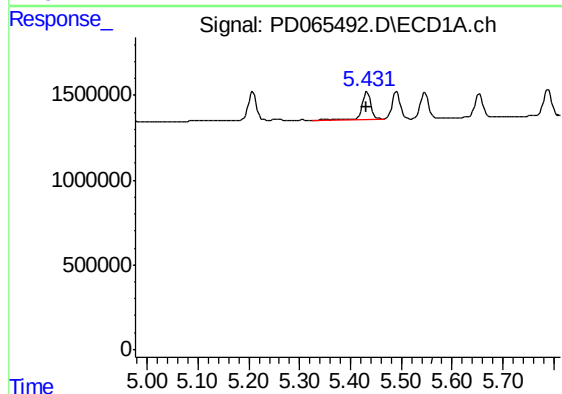
R.T.: 5.546 min
Delta R.T.: 0.002 min
Response: 1688819
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



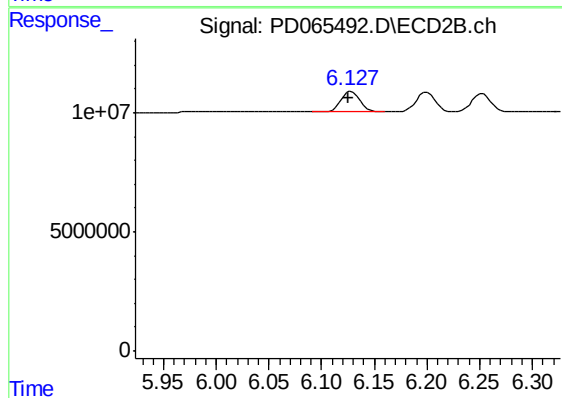
#9 Endosulfan I

R.T.: 6.253 min
Delta R.T.: 0.002 min
Response: 9758056
Conc: 1.32 ng/ml



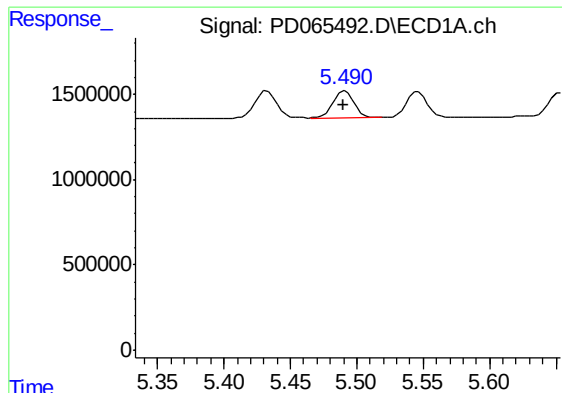
#10 trans-Chlordane

R.T.: 5.433 min
Delta R.T.: 0.001 min
Response: 1886116
Conc: 1.38 ng/ml



#10 trans-Chlordane

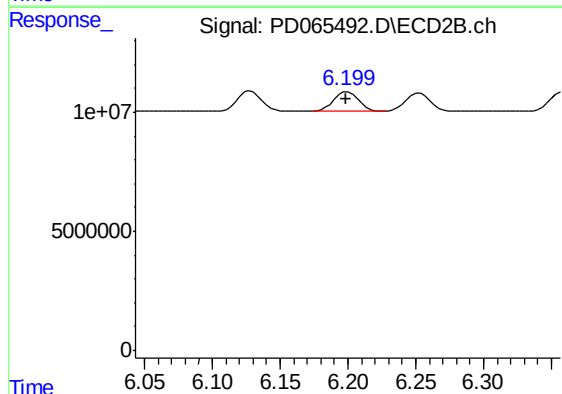
R.T.: 6.128 min
Delta R.T.: 0.002 min
Response: 10384662
Conc: 1.28 ng/ml



#11 cis-Chlordane

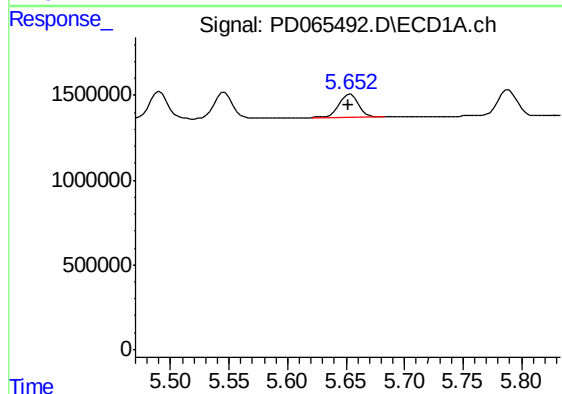
R.T.: 5.491 min
Delta R.T.: 0.001 min
Response: 1774788
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



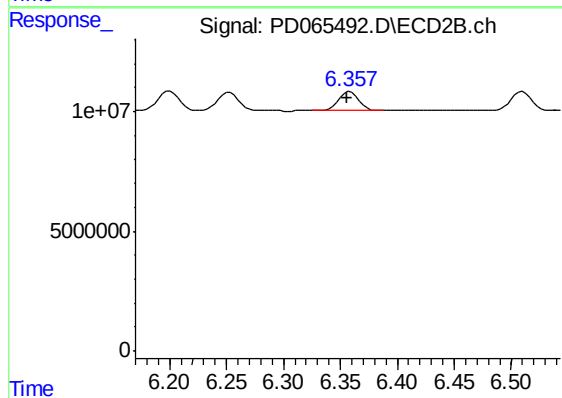
#11 cis-Chlordane

R.T.: 6.200 min
Delta R.T.: 0.002 min
Response: 10219240
Conc: 1.29 ng/ml



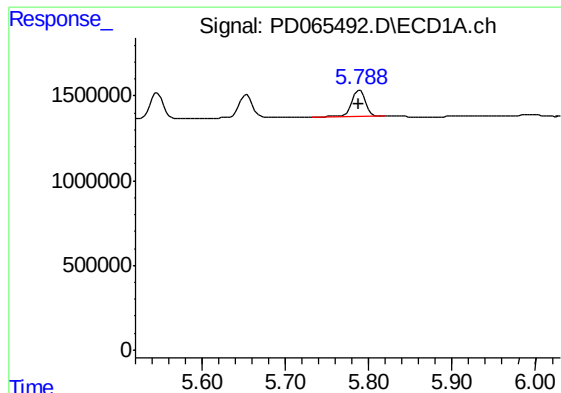
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: 0.001 min
Response: 1493873
Conc: 1.19 ng/ml



#12 4,4'-DDE

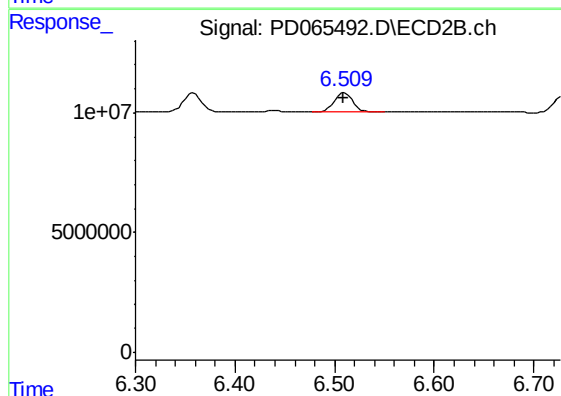
R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 9551732
Conc: 1.29 ng/ml



#13 Dieldrin

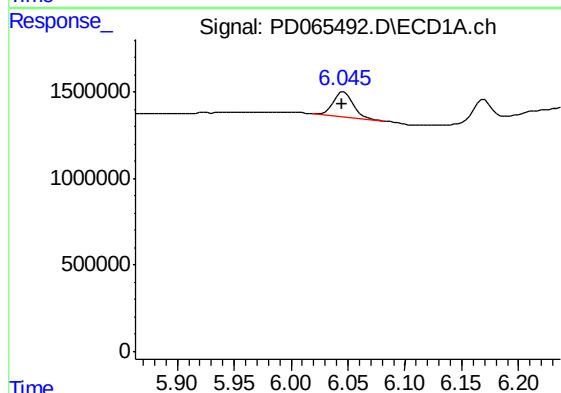
R.T.: 5.789 min
Delta R.T.: 0.002 min
Response: 1827122
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



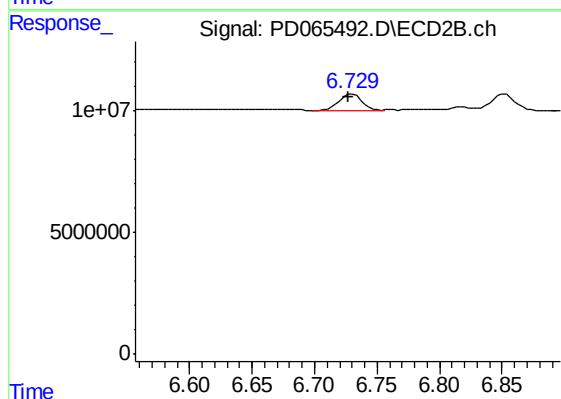
#13 Dieldrin

R.T.: 6.510 min
Delta R.T.: 0.002 min
Response: 10300094
Conc: 1.35 ng/ml



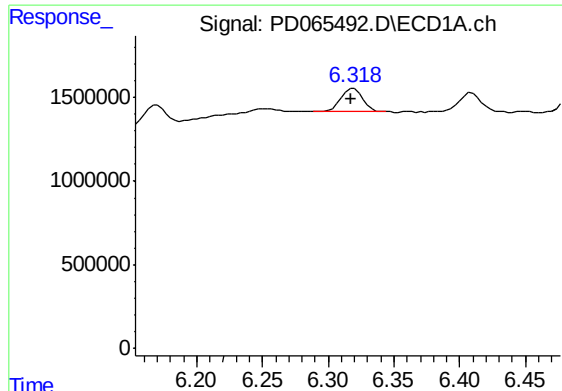
#14 Endrin

R.T.: 6.047 min
Delta R.T.: 0.002 min
Response: 1667535
Conc: 1.37 ng/ml



#14 Endrin

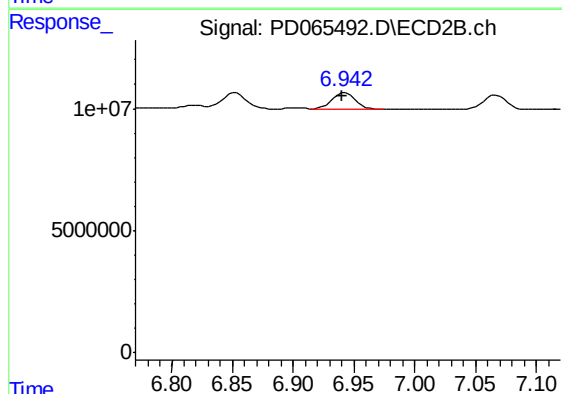
R.T.: 6.730 min
Delta R.T.: 0.002 min
Response: 8478549
Conc: 1.34 ng/ml



#15 Endosulfan II

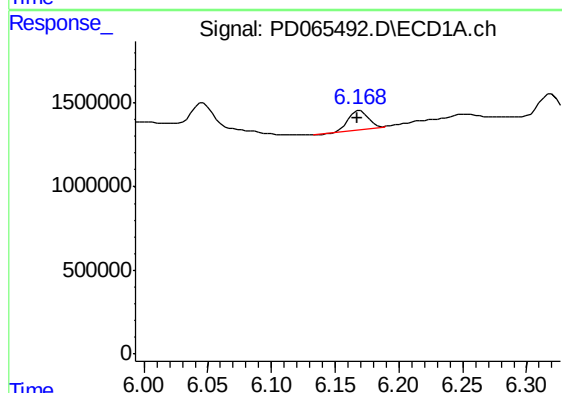
R.T.: 6.319 min
Delta R.T.: 0.002 min
Response: 1635415
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



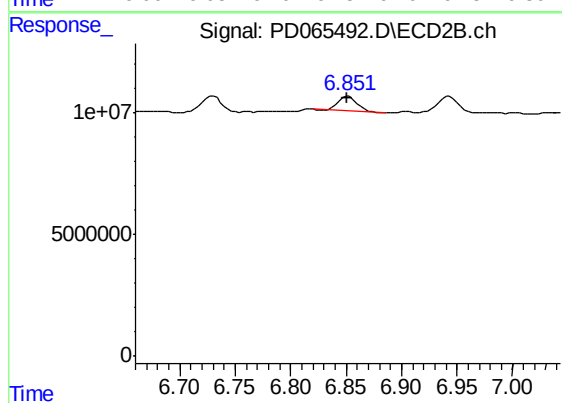
#15 Endosulfan II

R.T.: 6.943 min
Delta R.T.: 0.002 min
Response: 8856689
Conc: 1.37 ng/ml



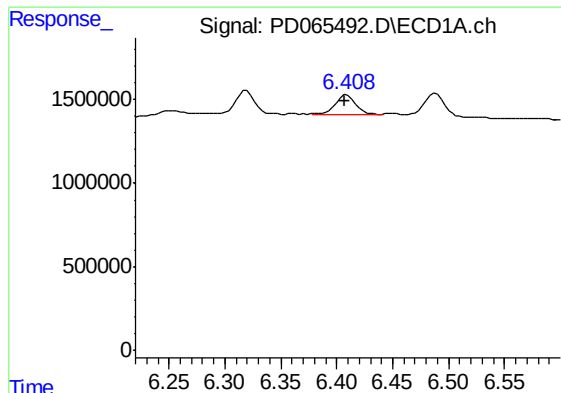
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.002 min
Response: 1160444
Conc: 1.06 ng/ml



#16 4,4'-DDD

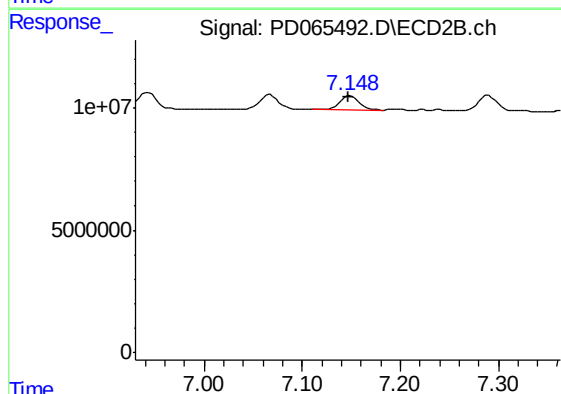
R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 7127836
Conc: 1.18 ng/ml



#17 4,4'-DDT

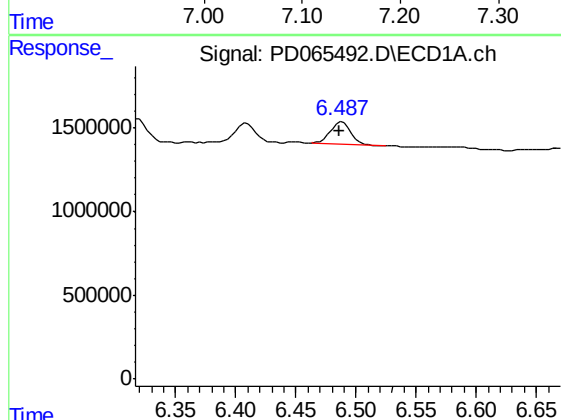
R.T.: 6.409 min
Delta R.T.: 0.002 min
Response: 1381187
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



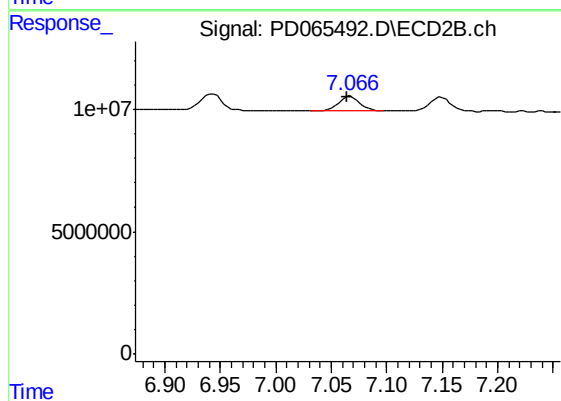
#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 7649814
Conc: 1.25 ng/ml



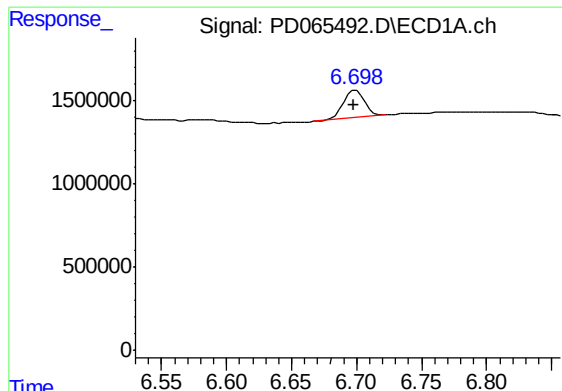
#18 Endrin aldehyde

R.T.: 6.488 min
Delta R.T.: 0.002 min
Response: 1516165
Conc: 1.51 ng/ml



#18 Endrin aldehyde

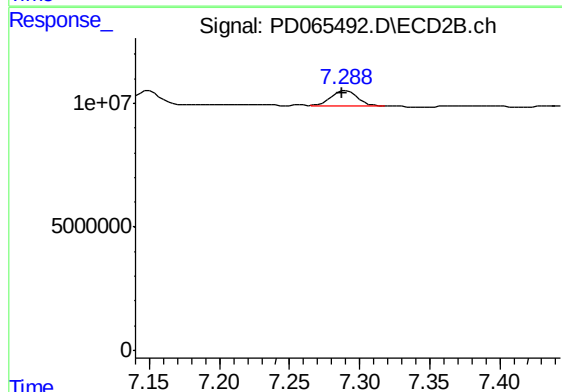
R.T.: 7.068 min
Delta R.T.: 0.003 min
Response: 7735168
Conc: 1.51 ng/ml



#19 Endosulfan Sulfate

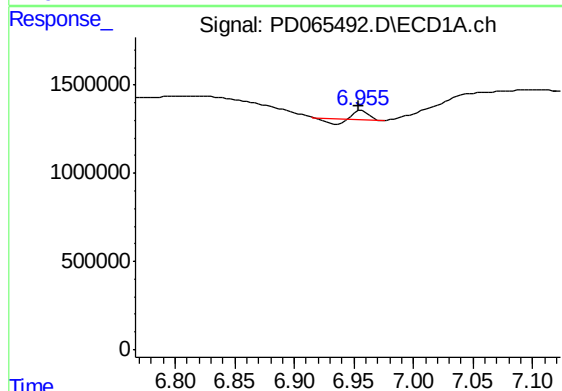
R.T.: 6.699 min
Delta R.T.: 0.002 min
Response: 1888479
Conc: 1.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



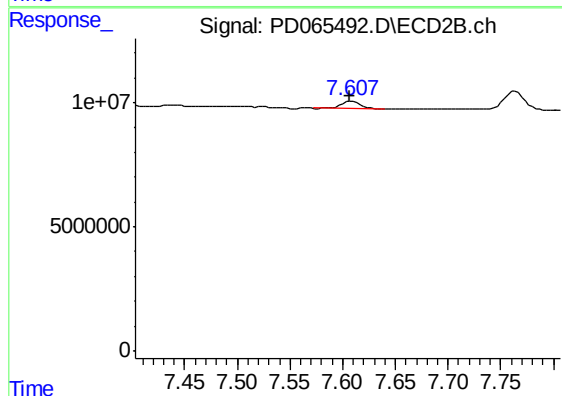
#19 Endosulfan Sulfate

R.T.: 7.290 min
Delta R.T.: 0.002 min
Response: 7693697
Conc: 1.24 ng/ml



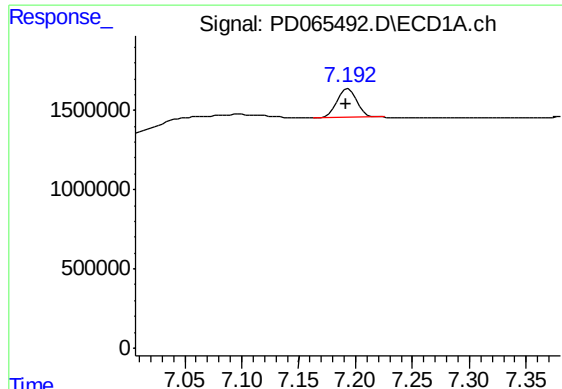
#20 Methoxychlor

R.T.: 6.956 min
Delta R.T.: 0.003 min
Response: 175683
Conc: 0.27 ng/ml



#20 Methoxychlor

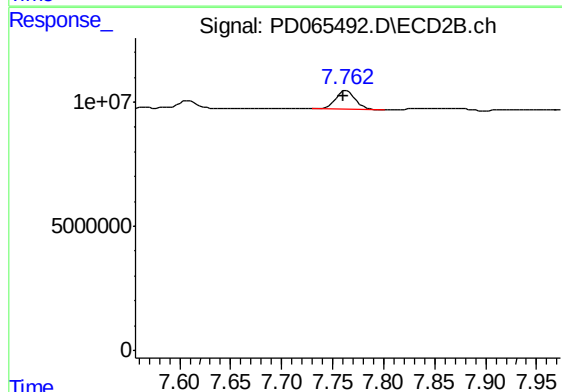
R.T.: 7.608 min
Delta R.T.: 0.001 min
Response: 3673759
Conc: 1.26 ng/ml



#21 Endrin ketone

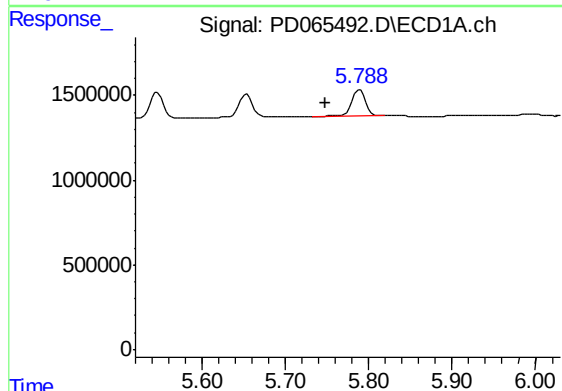
R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 2193713
Conc: 1.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



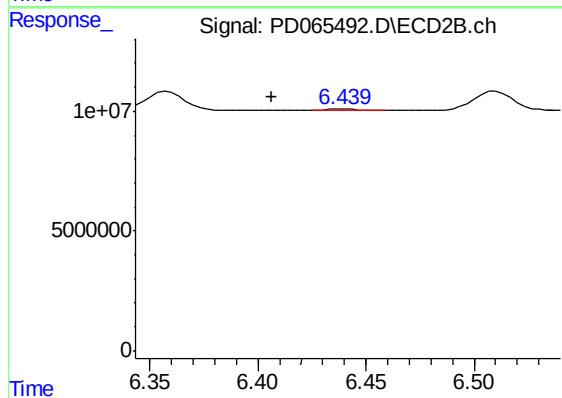
#21 Endrin ketone

R.T.: 7.764 min
Delta R.T.: 0.003 min
Response: 10515548
Conc: 1.48 ng/ml



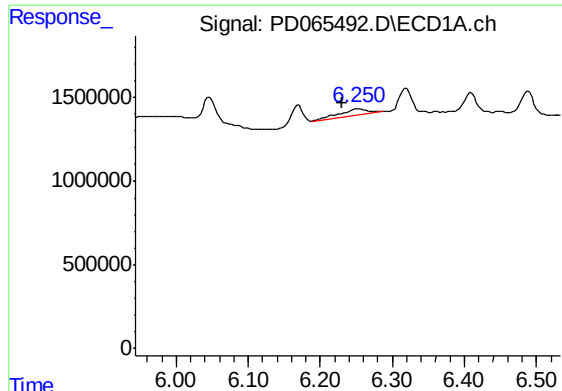
#22 Toxaphene-1

R.T.: 5.789 min
Delta R.T.: 0.042 min
Response: 1827122
Conc: 209.25 ng/ml



#22 Toxaphene-1

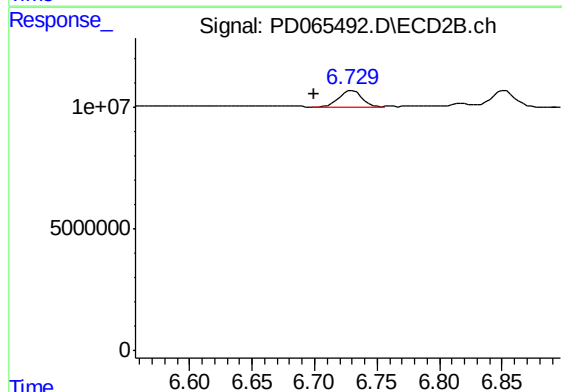
R.T.: 6.440 min
Delta R.T.: 0.034 min
Response: 250489
Conc: 7.26 ng/ml



#23 Toxaphene-2

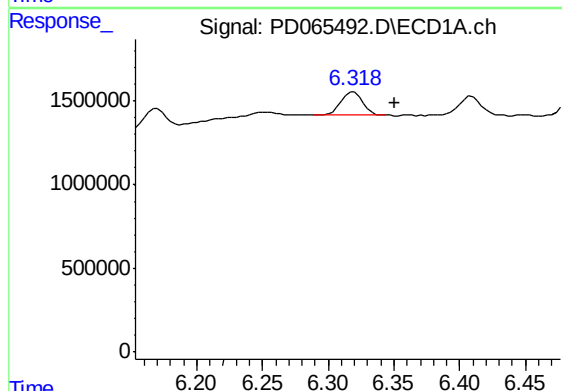
R.T.: 6.252 min
Delta R.T.: 0.022 min
Response: 1161015
Conc: 116.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2021-07



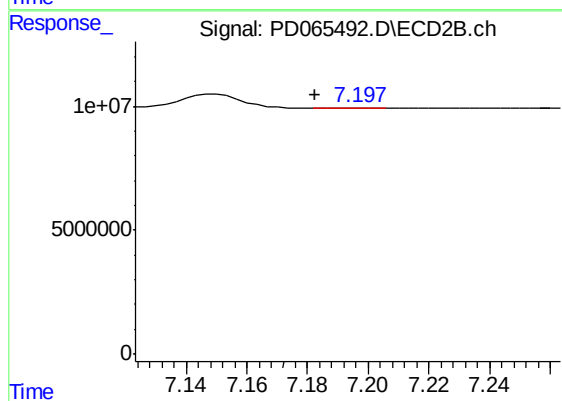
#23 Toxaphene-2

R.T.: 6.730 min
Delta R.T.: 0.030 min
Response: 8478549
Conc: 224.29 ng/ml



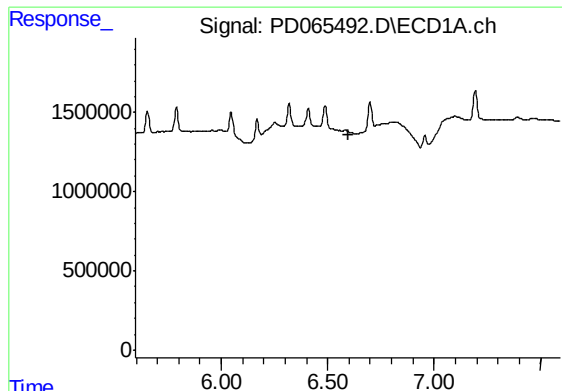
#24 Toxaphene-3

R.T.: 6.319 min
Delta R.T.: -0.031 min
Response: 1635415
Conc: 74.62 ng/ml



#24 Toxaphene-3

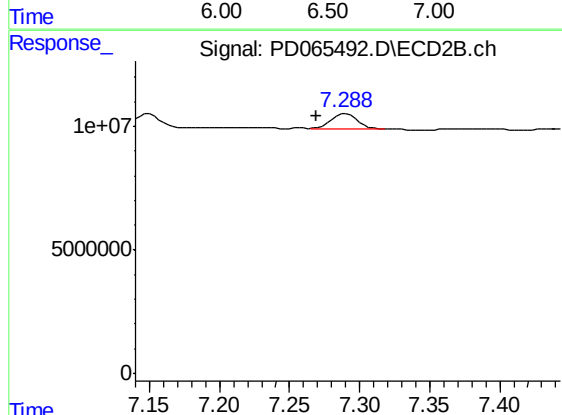
R.T.: 7.199 min
Delta R.T.: 0.016 min
Response: 99090
Conc: 0.93 ng/ml



#25 Toxaphene-4

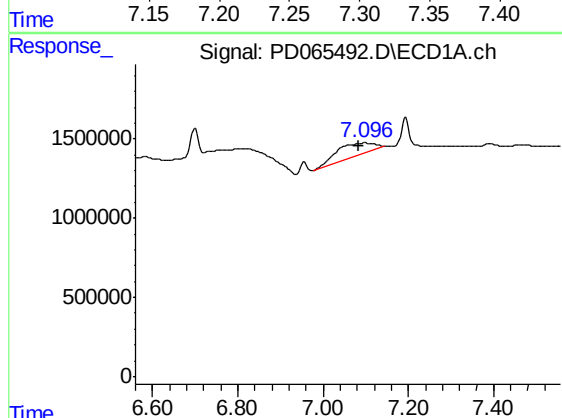
R.T.: 0.000 min
Exp R.T. : 6.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
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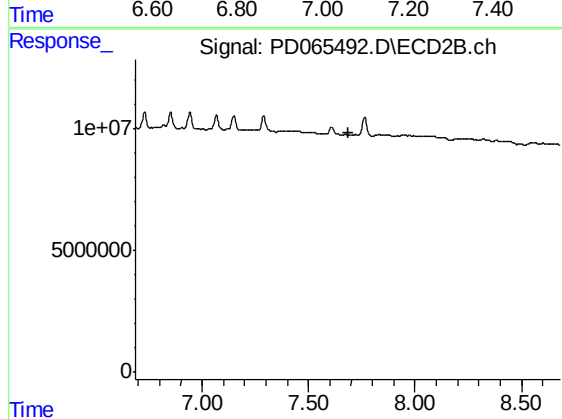
#25 Toxaphene-4

R.T.: 7.290 min
Delta R.T.: 0.020 min
Response: 7693697
Conc: 72.02 ng/ml



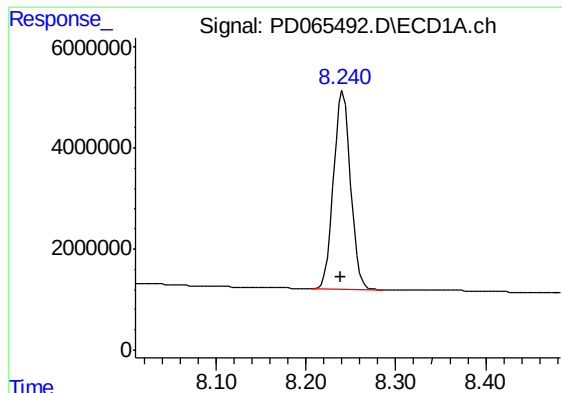
#26 Toxaphene-5

R.T.: 7.098 min
Delta R.T.: 0.015 min
Response: 4671800
Conc: 171.12 ng/ml



#26 Toxaphene-5

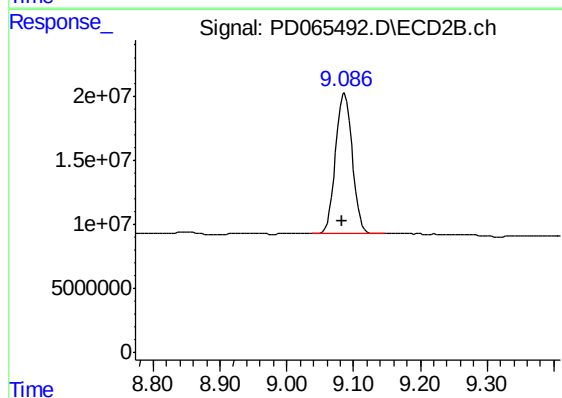
R.T.: 0.000 min
Exp R.T. : 7.687 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: 0.003 min
Response: 51637331
Conc: 35.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#27 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.003 min
Response: 191442760
Conc: 37.02 ng/ml