

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052121\
 Data File : PD063174.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2021 17:50
 Operator : AR\AJ
 Sample : M2250-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-QT3-2021-06

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 01:49:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052121CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri May 21 01:37:02 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...	3.440	3.970	20620146	213.3E6	18.232	18.195
27)	SA Decachlor...	8.192	9.022	49871801	428.9E6	38.346	38.671
Target Compounds							
2)	A alpha-BHC	3.875	4.359	1801350	13372869	1.078	0.768 #
3)	MA gamma-BHC...	4.159	4.642	2230551	14696370	1.392	0.881 #
4)	MA Heptachlor	4.459	5.150	1325424	17637190	0.853	1.048
5)	MB Aldrin	4.707	5.454	1454402	19146428	0.971	1.192
6)	B beta-BHC	4.410	4.814	859291	4998210	1.170	0.707 #
7)	B delta-BHC	4.613	5.028	1426843	45973326	0.902	2.558 #
8)	B Heptachlor...	5.149	5.843	1374507	30650317	0.977	1.969 #
9)	A Endosulfan I	5.488	6.196	1183594	14706012	0.898	1.024
10)	B trans-Chl...	5.377	6.074	1372695	12468225	0.954	0.805
11)	B cis-Chlor...	5.435	6.146	1333234	14345521	0.944	0.965
12)	B 4,4'-DDE	5.598	6.303	1230492	14870748	0.858	0.984
13)	MA Dieldrin	5.731	6.452	1274287	15821269	0.850	1.031
14)	MA Endrin	5.989	6.669	1821934	13400083	1.375	1.056
15)	B Endosulfa...	6.261	6.880	1046025	16897219	0.881	1.374 #
16)	A 4,4'-DDD	6.114	6.793	769636	16671303	0.649	1.377 #
17)	MA 4,4'-DDT	6.355	7.091	704285	14742165	0.584	1.219 #
18)	B Endrin al...	6.431	7.003	1163798	13423043	1.073	1.273
19)	B Endosulfa...	6.645	7.226	588386	14443307	0.519	1.186 #
20)	A Methoxychlor	0.000	7.550	0	8247876	N.D.	1.444
21)	B Endrin ke...	7.135	7.695	1285787	14821385	0.906	1.279 #
22)	Toxaphene-1	5.731	6.374	1274287	2007843	143.949	31.527 #
23)	Toxaphene-2	0.000	6.669	0	13400083	N.D.	168.915
24)	Toxaphene-3	6.209	7.091	1036867	14742165	108.510	131.887
25)	Toxaphene-4	6.261	7.147	1046025	817064	44.903	2.711 #
26)	Toxaphene-5	7.051	7.633	1439415	3894916	54.666	29.703 #

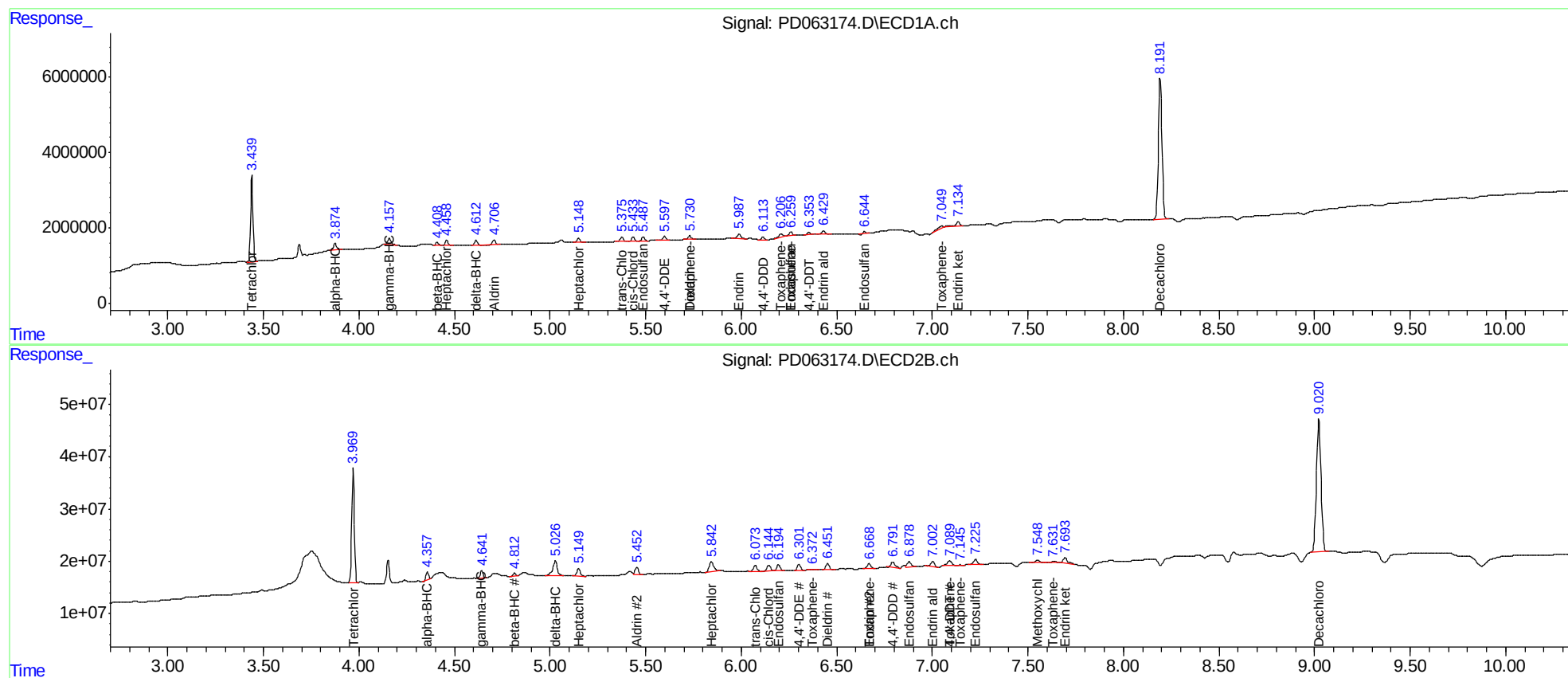
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

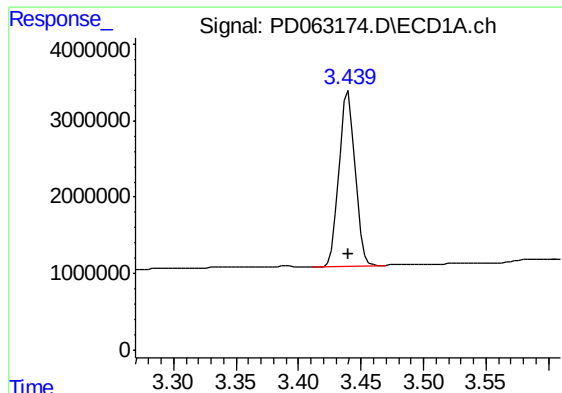
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052121\
Data File : PD063174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2021 17:50
Operator : AR\AJ
Sample : M2250-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
MDL-SOIL-QT3-2021-06

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 01:49:18 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052121CLP.M
Quant Title : GC Extractables
QLast Update : Fri May 21 01:37:02 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

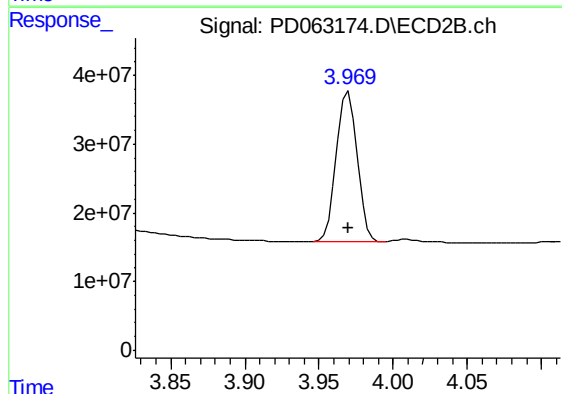




#1 Tetrachloro-m-xylene

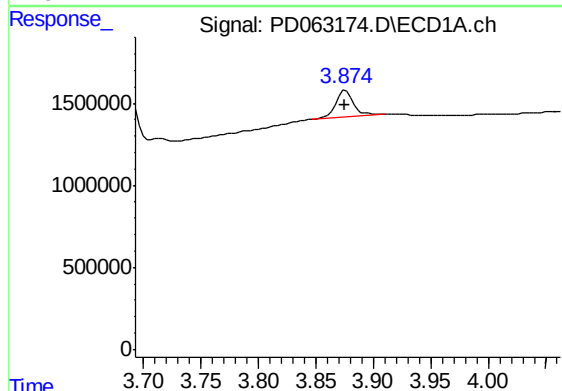
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 20620146
Conc: 18.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



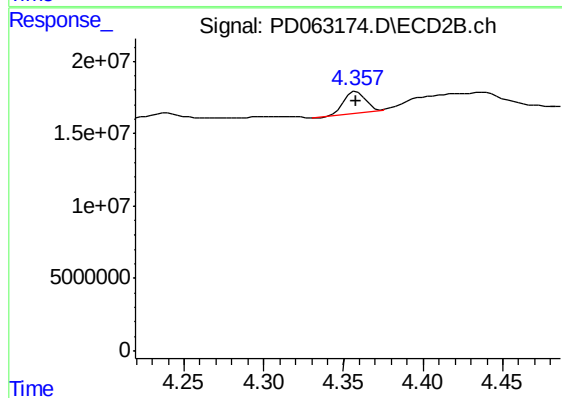
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 213305269
Conc: 18.20 ng/ml



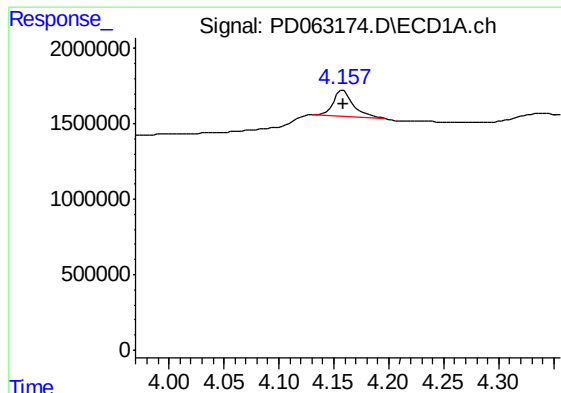
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: 0.000 min
Response: 1801350
Conc: 1.08 ng/ml



#2 alpha-BHC

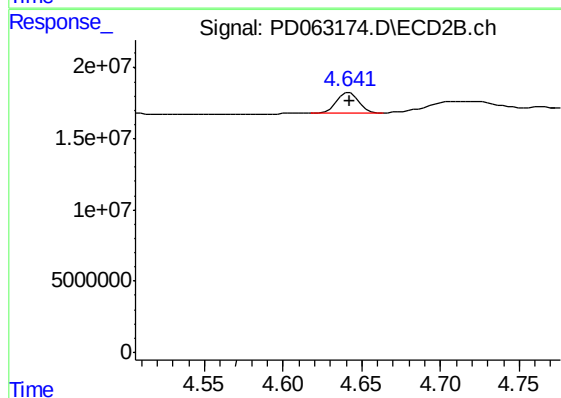
R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 13372869
Conc: 0.77 ng/ml



#3 gamma-BHC (Lindane)

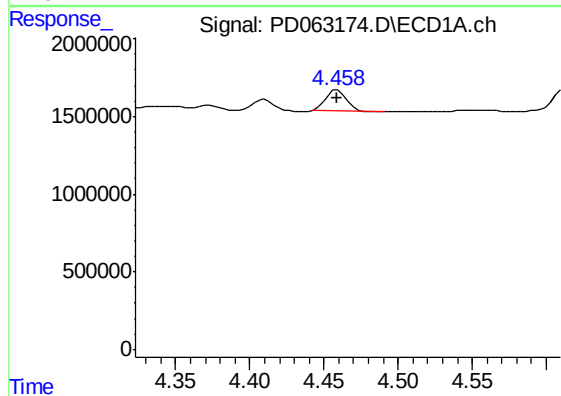
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 2230551
Conc: 1.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



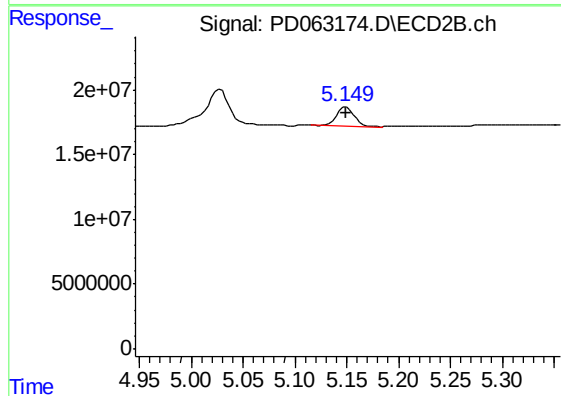
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 14696370
Conc: 0.88 ng/ml



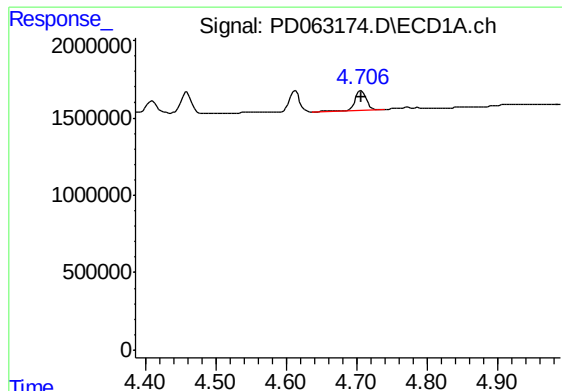
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 1325424
Conc: 0.85 ng/ml



#4 Heptachlor

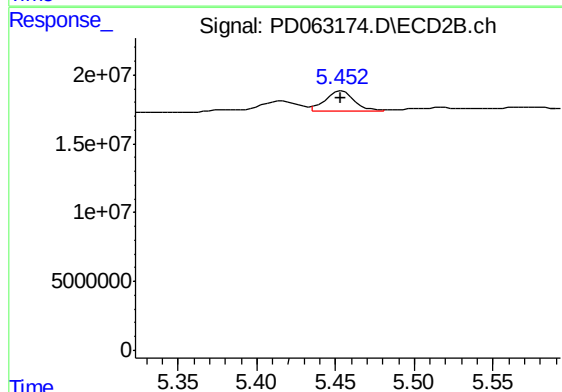
R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 17637190
Conc: 1.05 ng/ml



#5 Aldrin

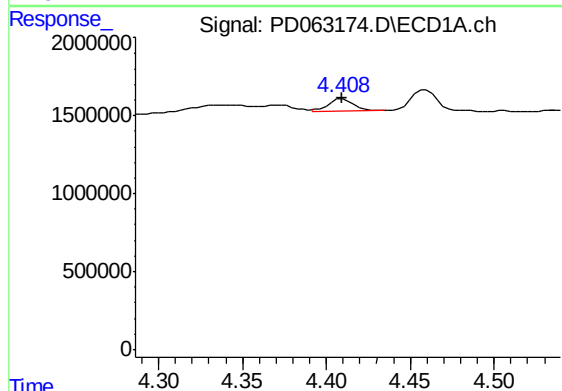
R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 1454402
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



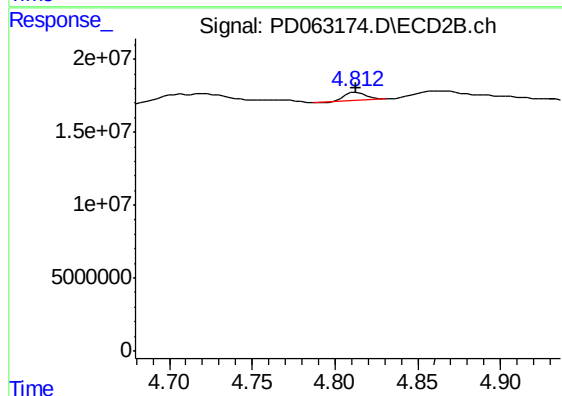
#5 Aldrin

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 19146428
Conc: 1.19 ng/ml



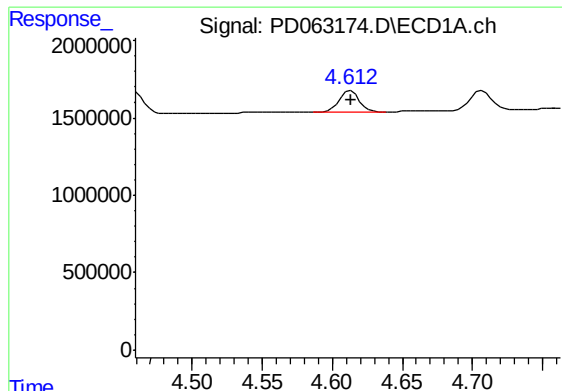
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 859291
Conc: 1.17 ng/ml



#6 beta-BHC

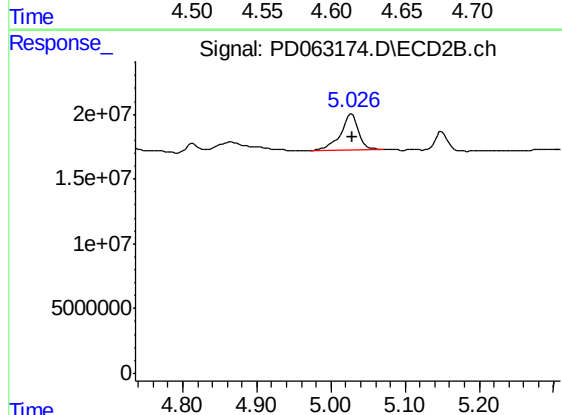
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 4998210
Conc: 0.71 ng/ml



#7 delta-BHC

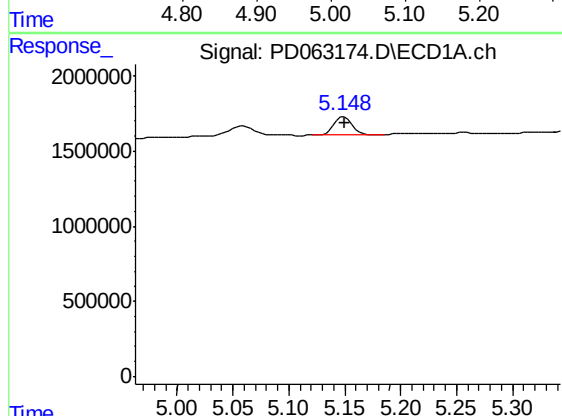
R.T.: 4.613 min
Delta R.T.: 0.000 min
Response: 1426843
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



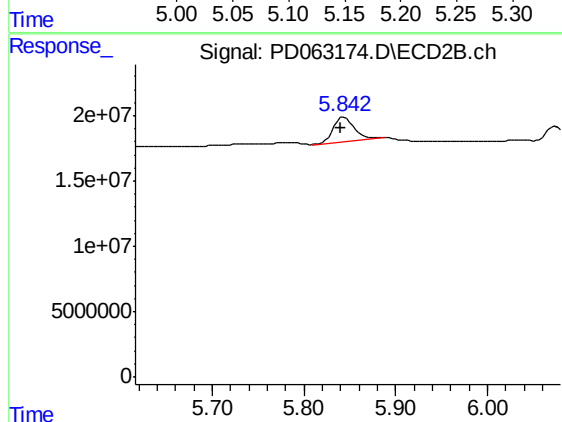
#7 delta-BHC

R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 45973326
Conc: 2.56 ng/ml



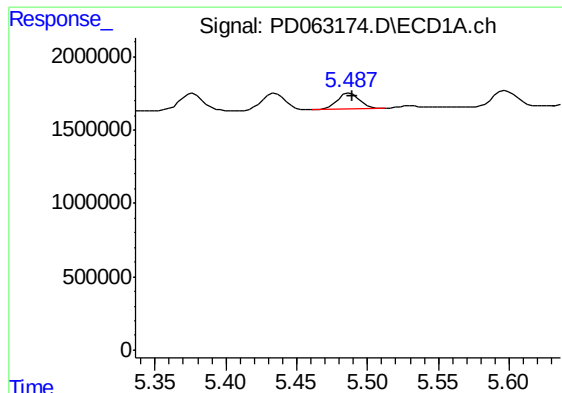
#8 Heptachlor epoxide

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 1374507
Conc: 0.98 ng/ml



#8 Heptachlor epoxide

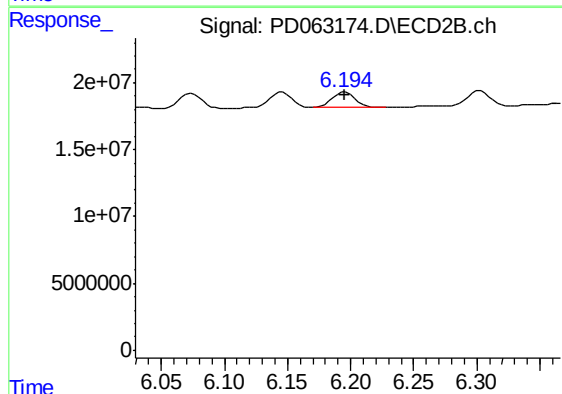
R.T.: 5.843 min
Delta R.T.: 0.004 min
Response: 30650317
Conc: 1.97 ng/ml



#9 Endosulfan I

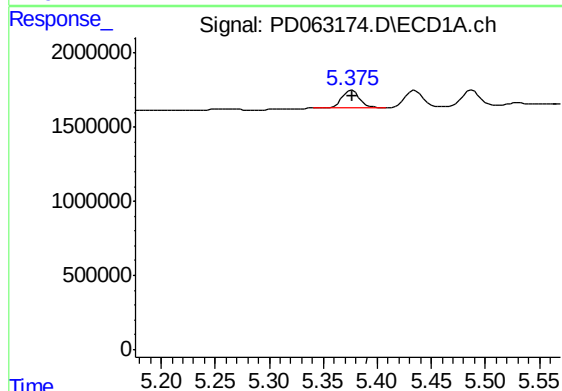
R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 1183594
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



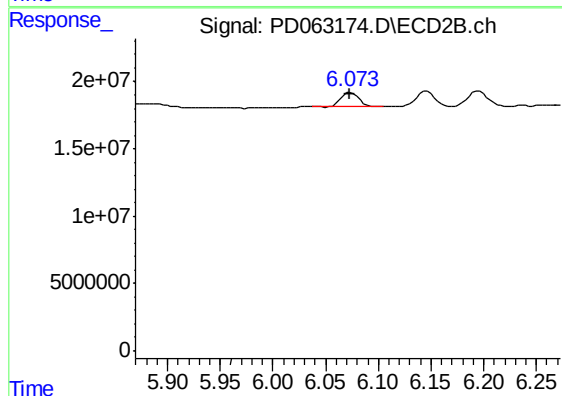
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 14706012
Conc: 1.02 ng/ml



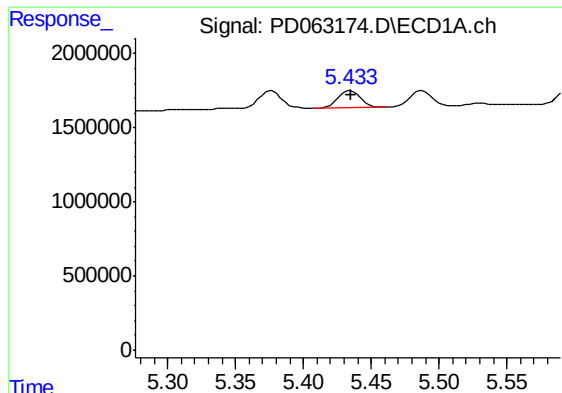
#10 trans-Chlordane

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 1372695
Conc: 0.95 ng/ml



#10 trans-Chlordane

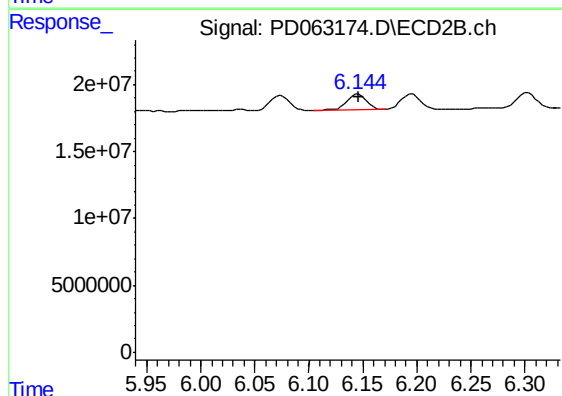
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 12468225
Conc: 0.80 ng/ml



#11 cis-Chlordane

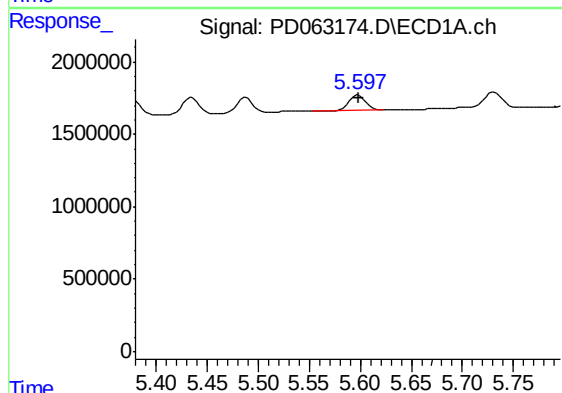
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 1333234
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



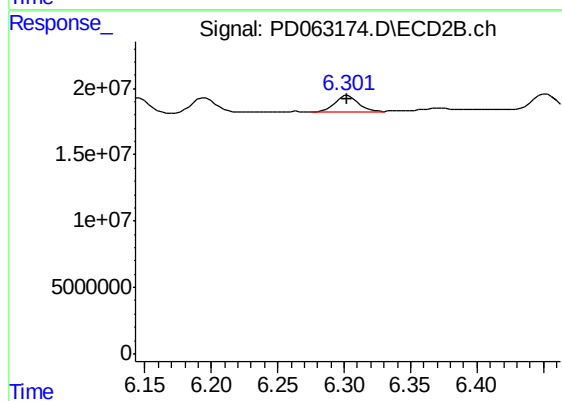
#11 cis-Chlordane

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 14345521
Conc: 0.96 ng/ml



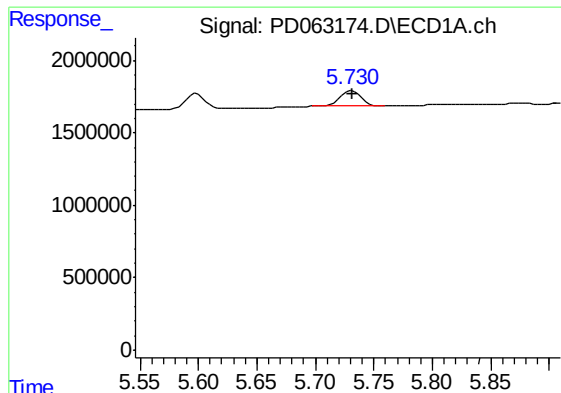
#12 4,4'-DDE

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 1230492
Conc: 0.86 ng/ml



#12 4,4'-DDE

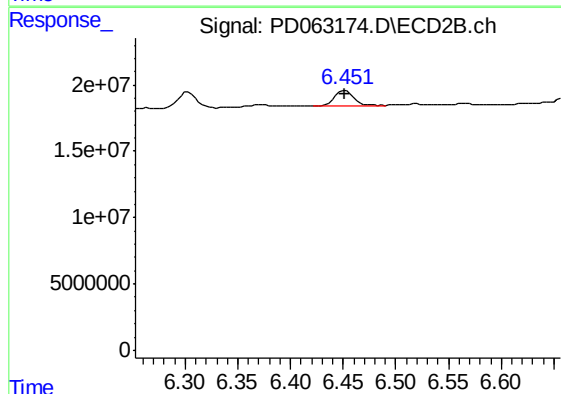
R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 14870748
Conc: 0.98 ng/ml



#13 Dieldrin

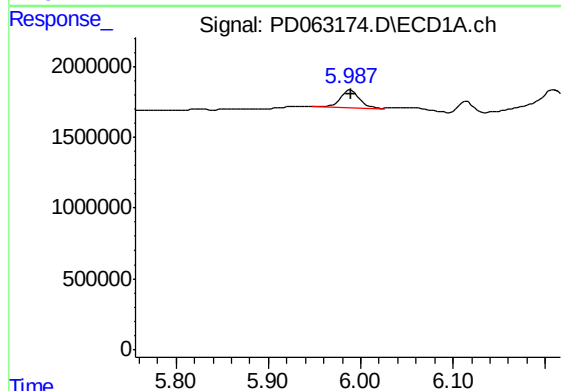
R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 1274287
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



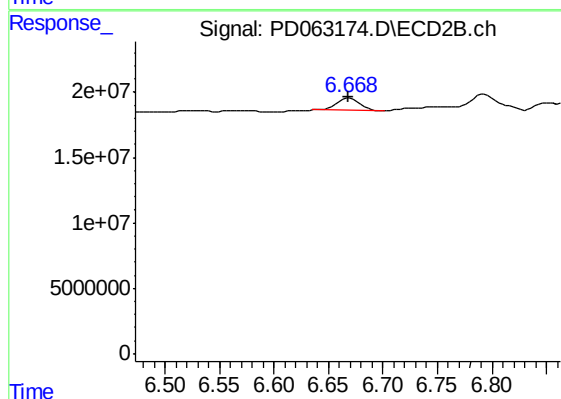
#13 Dieldrin

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 15821269
Conc: 1.03 ng/ml



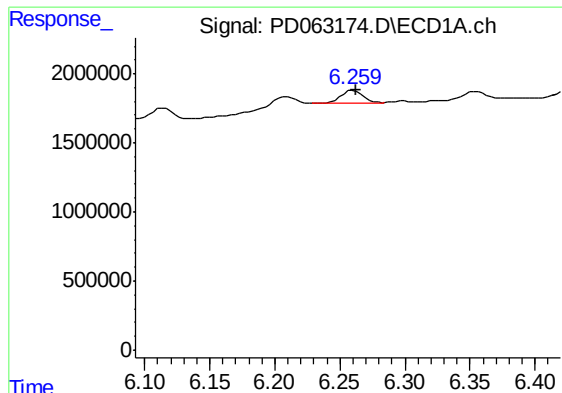
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 1821934
Conc: 1.38 ng/ml



#14 Endrin

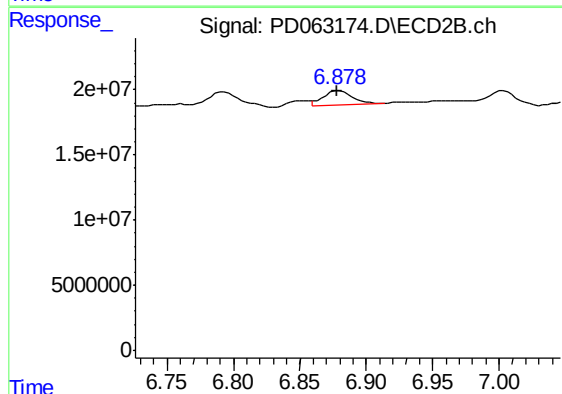
R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 13400083
Conc: 1.06 ng/ml



#15 Endosulfan II

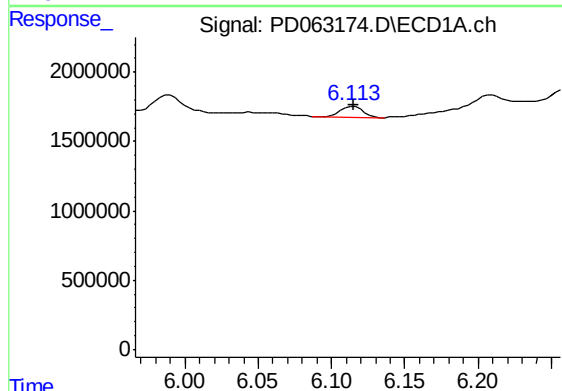
R.T.: 6.261 min
Delta R.T.: -0.001 min
Response: 1046025
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



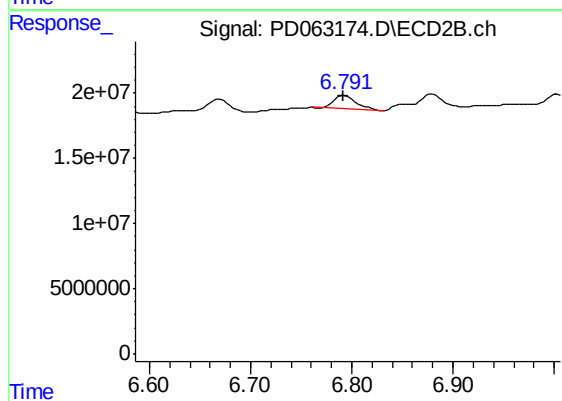
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: 0.001 min
Response: 16897219
Conc: 1.37 ng/ml



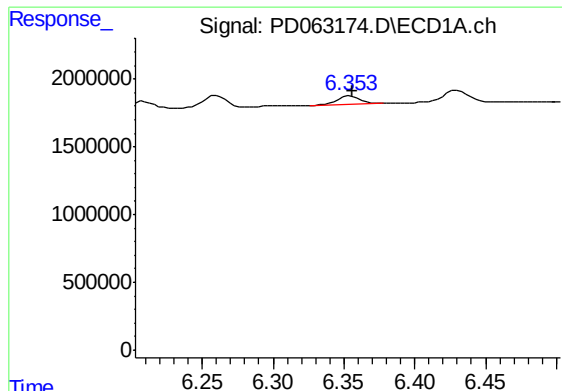
#16 4,4'-DDD

R.T.: 6.114 min
Delta R.T.: -0.001 min
Response: 769636
Conc: 0.65 ng/ml



#16 4,4'-DDD

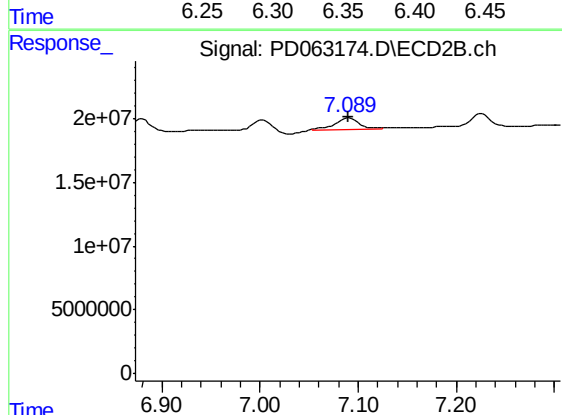
R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 16671303
Conc: 1.38 ng/ml



#17 4,4'-DDT

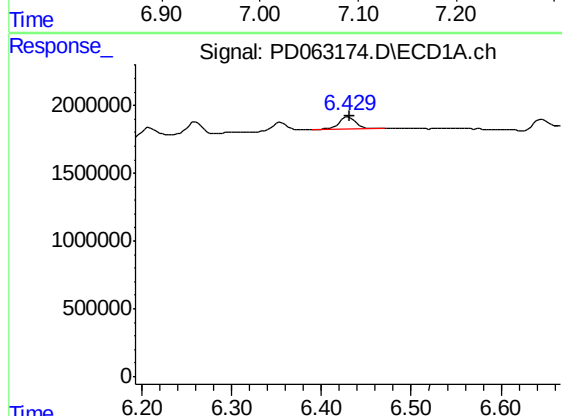
R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 704285
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



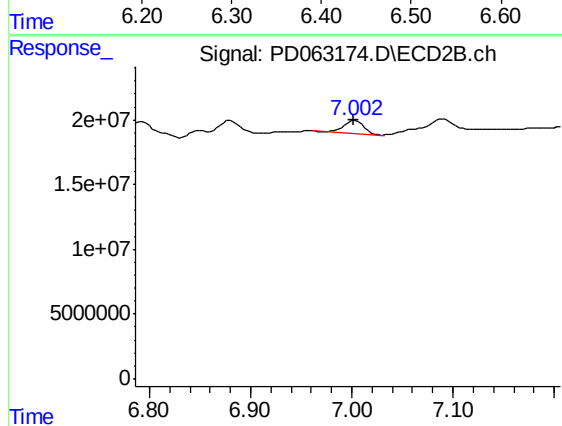
#17 4,4'-DDT

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 14742165
Conc: 1.22 ng/ml



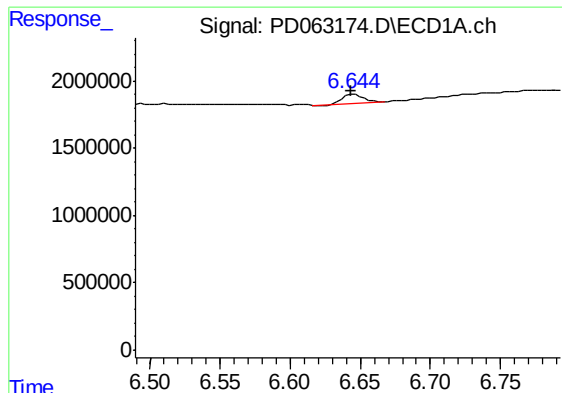
#18 Endrin aldehyde

R.T.: 6.431 min
Delta R.T.: 0.000 min
Response: 1163798
Conc: 1.07 ng/ml



#18 Endrin aldehyde

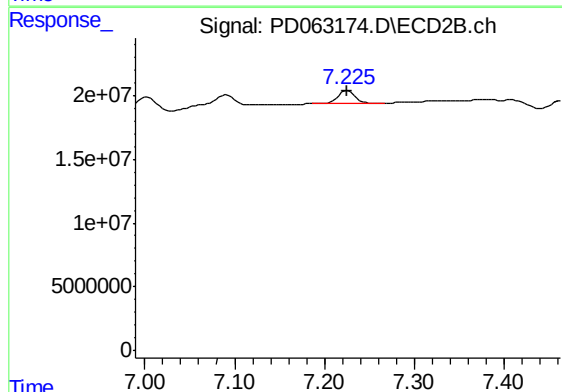
R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 13423043
Conc: 1.27 ng/ml



#19 Endosulfan Sulfate

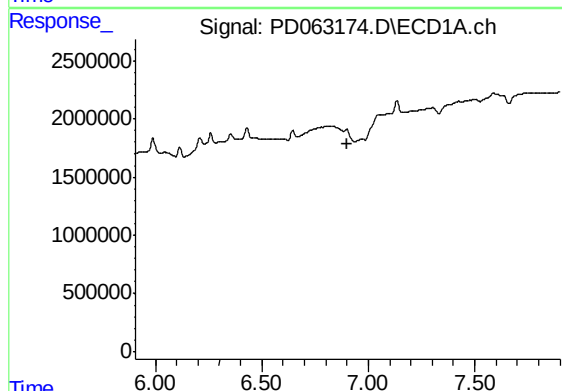
R.T.: 6.645 min
Delta R.T.: 0.002 min
Response: 588386
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



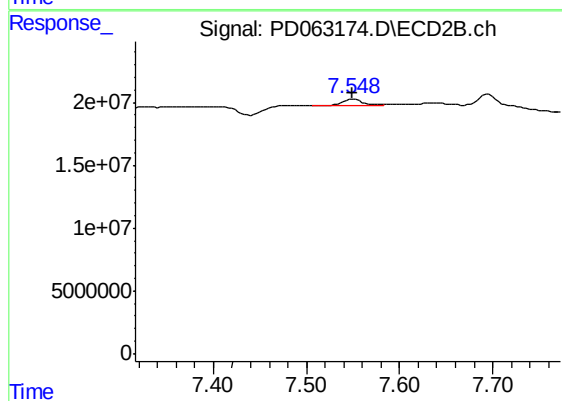
#19 Endosulfan Sulfate

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 14443307
Conc: 1.19 ng/ml



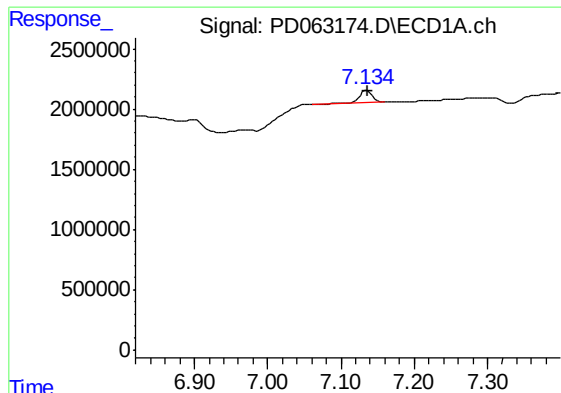
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.903 min
Response: 0
Conc: N.D.



#20 Methoxychlor

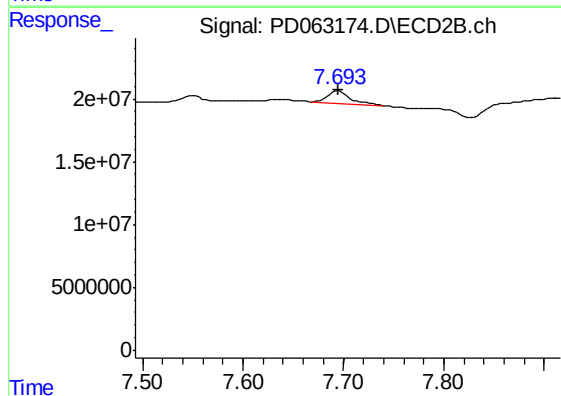
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 8247876
Conc: 1.44 ng/ml



#21 Endrin ketone

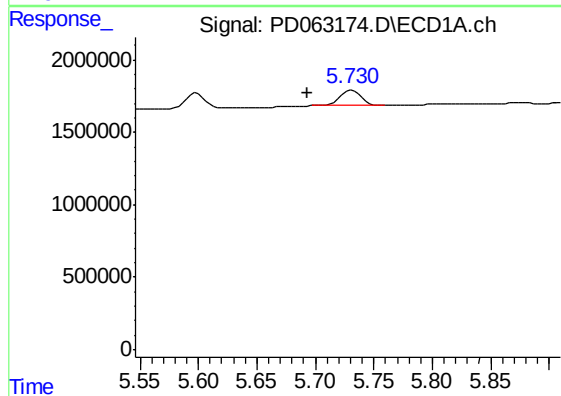
R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 1285787
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



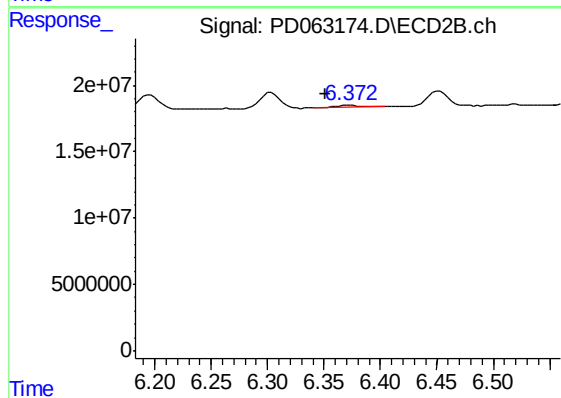
#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 14821385
Conc: 1.28 ng/ml



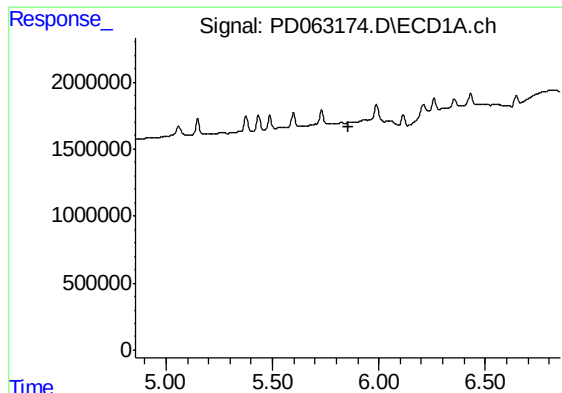
#22 Toxaphene-1

R.T.: 5.731 min
Delta R.T.: 0.037 min
Response: 1274287
Conc: 143.95 ng/ml



#22 Toxaphene-1

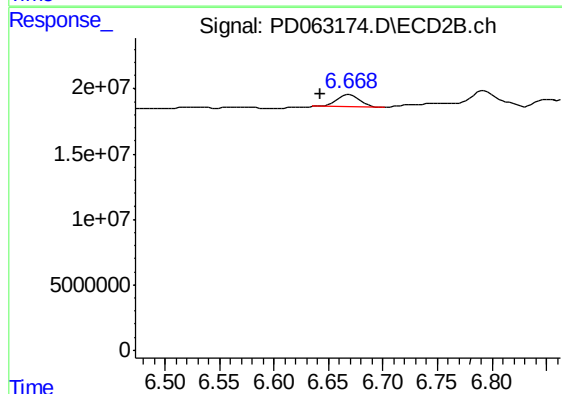
R.T.: 6.374 min
Delta R.T.: 0.022 min
Response: 2007843
Conc: 31.53 ng/ml



#23 Toxaphene-2

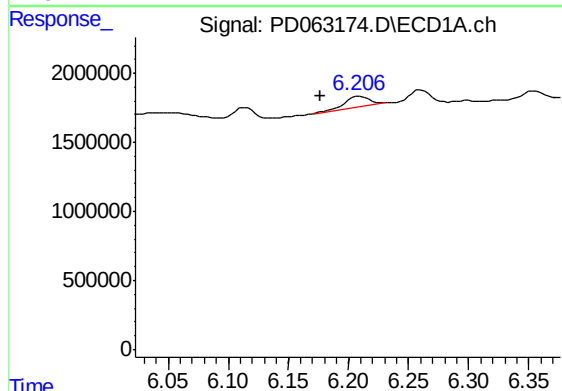
R.T.: 0.000 min
Exp R.T.: 5.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



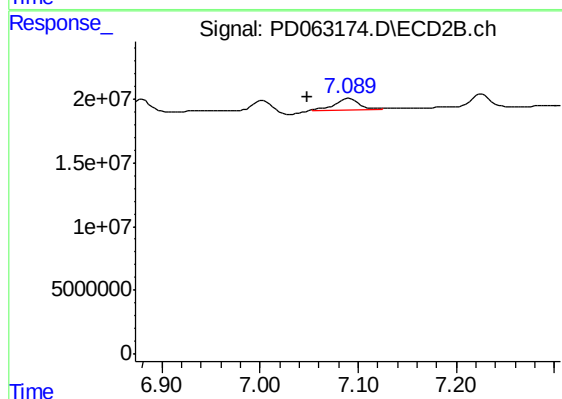
#23 Toxaphene-2

R.T.: 6.669 min
Delta R.T.: 0.027 min
Response: 13400083
Conc: 168.91 ng/ml



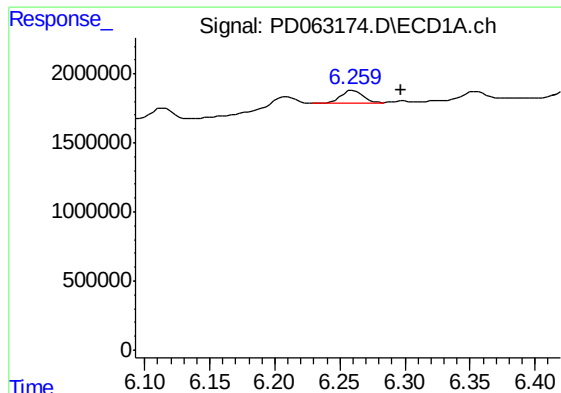
#24 Toxaphene-3

R.T.: 6.209 min
Delta R.T.: 0.033 min
Response: 1036867
Conc: 108.51 ng/ml



#24 Toxaphene-3

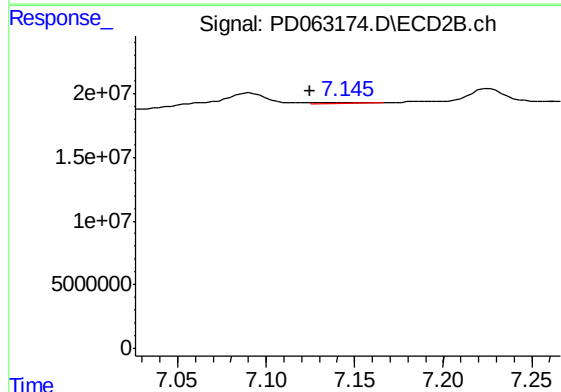
R.T.: 7.091 min
Delta R.T.: 0.042 min
Response: 14742165
Conc: 131.89 ng/ml



#25 Toxaphene-4

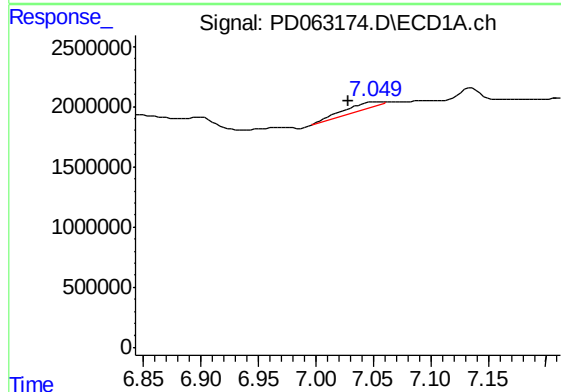
R.T.: 6.261 min
Delta R.T.: -0.036 min
Response: 1046025
Conc: 44.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



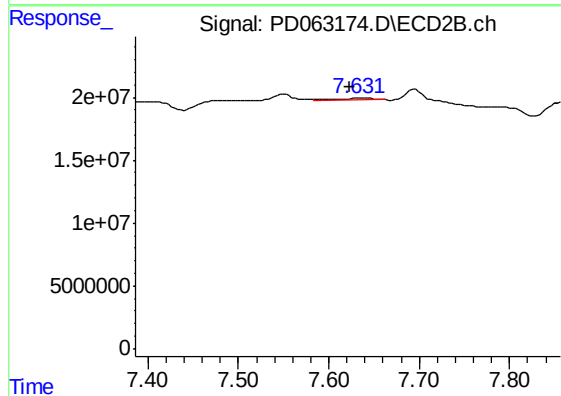
#25 Toxaphene-4

R.T.: 7.147 min
Delta R.T.: 0.022 min
Response: 817064
Conc: 2.71 ng/ml



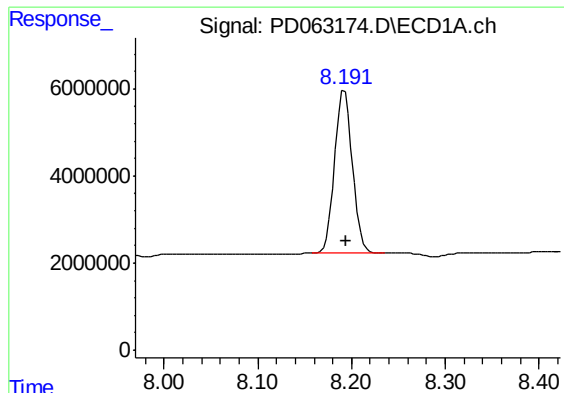
#26 Toxaphene-5

R.T.: 7.051 min
Delta R.T.: 0.022 min
Response: 1439415
Conc: 54.67 ng/ml



#26 Toxaphene-5

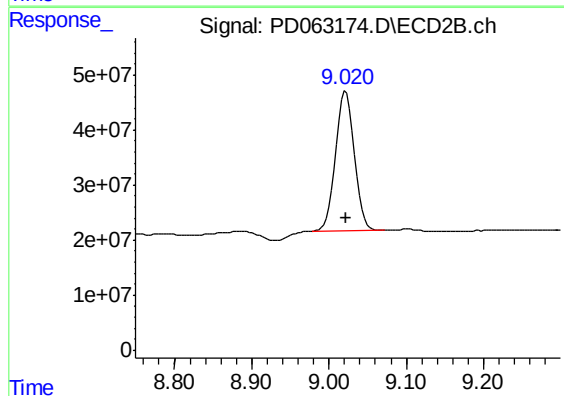
R.T.: 7.633 min
Delta R.T.: 0.010 min
Response: 3894916
Conc: 29.70 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.192 min
Delta R.T.: -0.001 min
Response: 49871801
Conc: 38.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT3-2021-06



#27 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.000 min
Response: 428881115
Conc: 38.67 ng/ml