

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052121\
 Data File : PD063175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2021 18:04
 Operator : AR\AJ
 Sample : M2250-04
 Misc :
 ALS Vial : 34 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 01:49:50 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.439	3.970	20940853	215.1E6	18.515	18.348
27)	SA Decachlor...	8.193	9.022	51293156	443.1E6	39.439	39.953
Target Compounds							
3)	MA gamma-BHC...	4.166	4.608f	1191838	197368	0.744	<MDL #
5)	MB Aldrin	0.000	5.466	0	595294	N.D.	<MDL
6)	B beta-BHC	4.372f	4.767f	1525630	2695496	2.077	0.382 #
7)	B delta-BHC	0.000	5.023	0	22129731	N.D.	1.231
8)	B Heptachlo...	0.000	5.848	0	18048558	N.D.	1.160
9)	A Endosulfan I	0.000	6.173	0	3418251	N.D.	0.238
10)	B trans-Chl...	5.400	6.048	685931	1910602	0.477	0.123 #
11)	B cis-Chlor...	5.400f	6.173	685931	3418251	0.486	0.230 #
12)	B 4,4'-DDE	0.000	6.288	0	4181372	N.D.	0.277
13)	MA Dieldrin	0.000	6.439	0	1288351	N.D.	<MDL
14)	MA Endrin	5.994	6.678	1458397	3423612	1.101	0.270 #
15)	B Endosulfa...	6.212f	6.847	2530399	14017570	2.130	1.140 #
16)	A 4,4'-DDD	0.000	6.792	0	4199458	N.D.	0.347
17)	MA 4,4'-DDT	6.344	7.125	486772	29503573	0.404	2.440 #
18)	B Endrin a...	0.000	6.984	0	6081351	N.D.	0.577
19)	B Endosulfa...	6.685f	7.211	719727	16687366	0.635	1.370 #
20)	A Methoxychlor	6.965f	7.586f	862891	5154394	1.238	0.903 #
22)	Toxaphene-1	0.000	6.353	0	8913013	N.D.	139.952
23)	Toxaphene-2	5.854	6.642	803007	2758519	90.052	34.772 #
24)	Toxaphene-3	6.212	6.984	2530399	6081351	264.811	54.405 #
25)	Toxaphene-4	6.344	7.125	486772	29503573	20.896	97.906 #
26)	Toxaphene-5	7.030	7.624	3281169	19984371	124.611	152.405

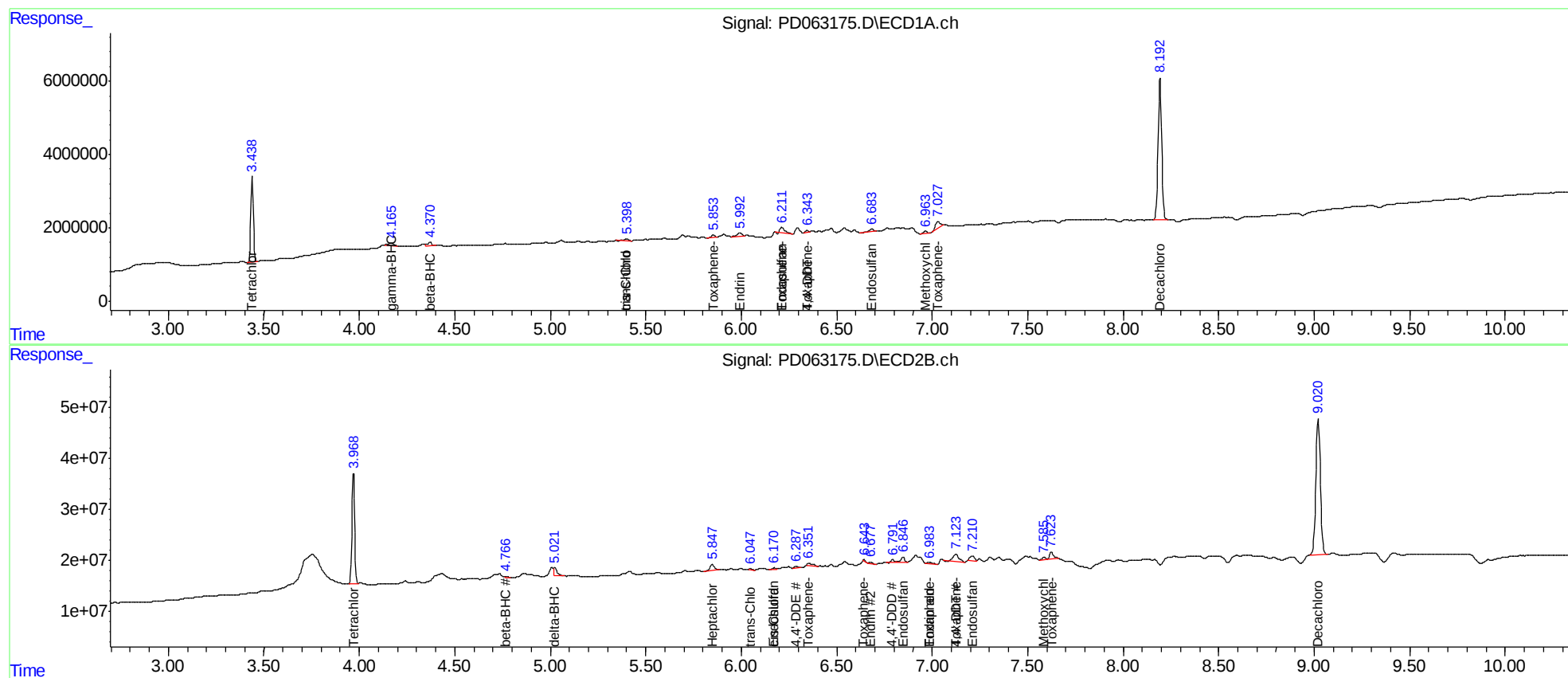
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

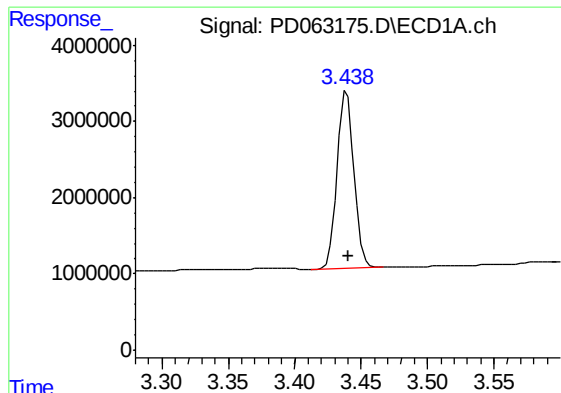
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052121\
Data File : PD063175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2021 18:04
Operator : AR\AJ
Sample : M2250-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

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 01:49:50 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

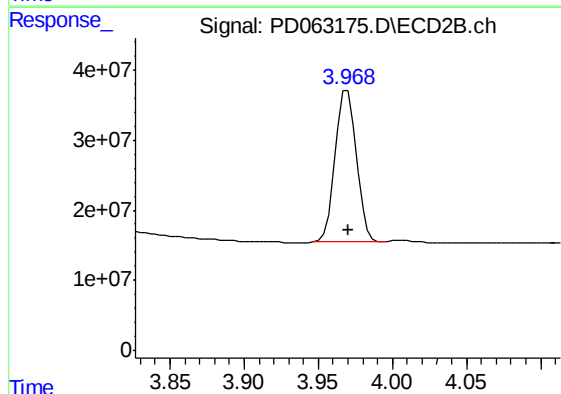




#1 Tetrachloro-m-xylene

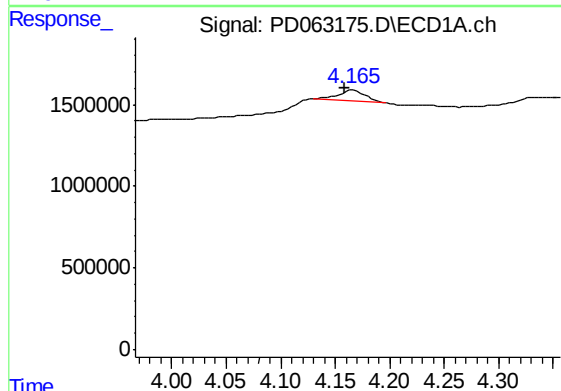
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 20940853
Conc: 18.52 ng/ml

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



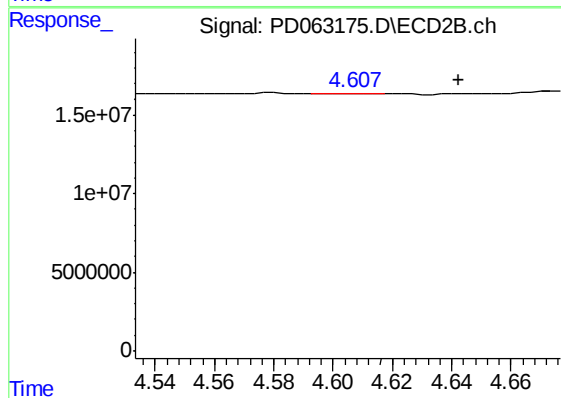
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 215101617
Conc: 18.35 ng/ml



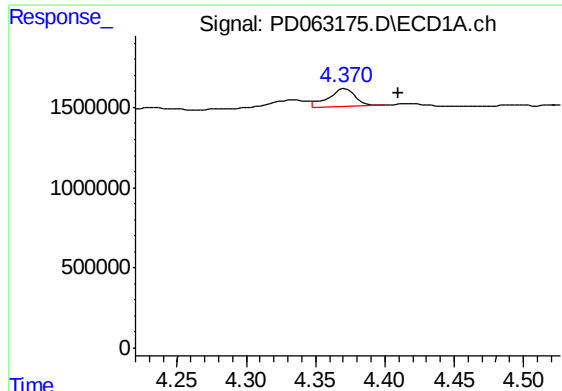
#3 gamma-BHC (Lindane)

R.T.: 4.166 min
Delta R.T.: 0.008 min
Response: 1191838
Conc: 0.74 ng/ml



#3 gamma-BHC (Lindane)

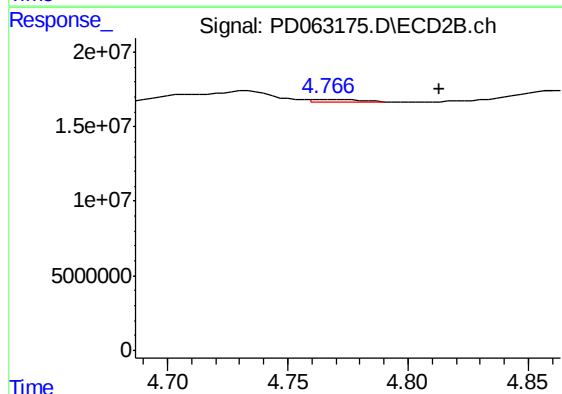
R.T.: 4.608 min
Delta R.T.: -0.034 min
Response: 197368
Conc: N.D.



#6 beta-BHC

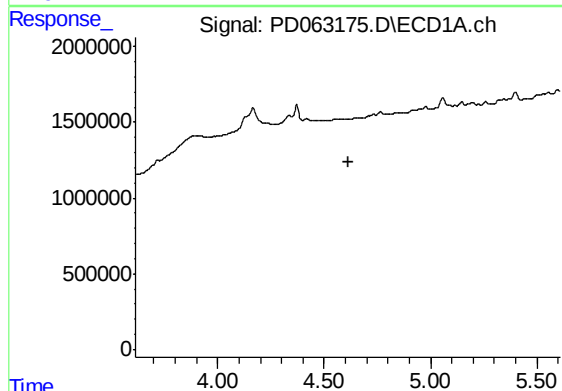
R.T.: 4.372 min
Delta R.T.: -0.038 min
Response: 1525630
Conc: 2.08 ng/ml

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



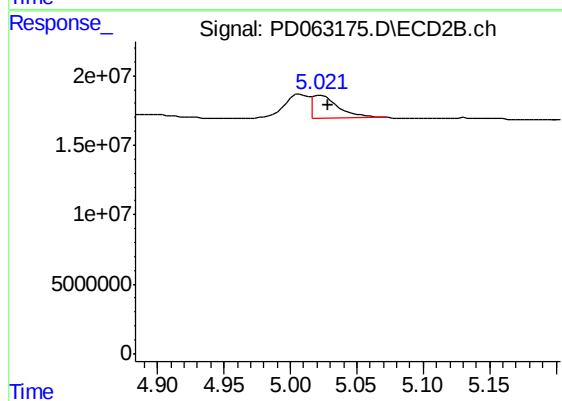
#6 beta-BHC

R.T.: 4.767 min
Delta R.T.: -0.046 min
Response: 2695496
Conc: 0.38 ng/ml



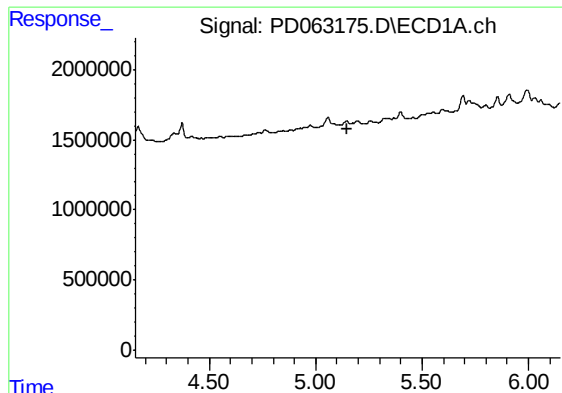
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.613 min
Response: 0
Conc: N.D.



#7 delta-BHC

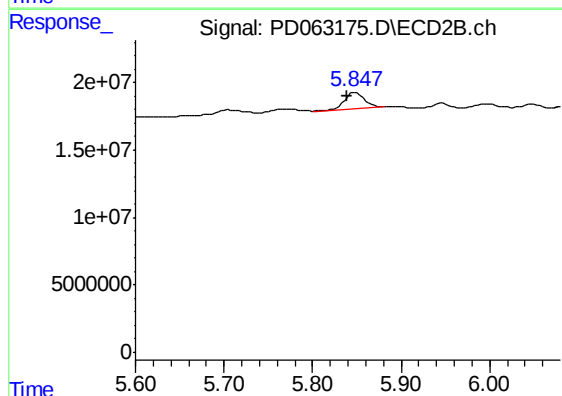
R.T.: 5.023 min
Delta R.T.: -0.006 min
Response: 22129731
Conc: 1.23 ng/ml



#8 Heptachlor epoxide

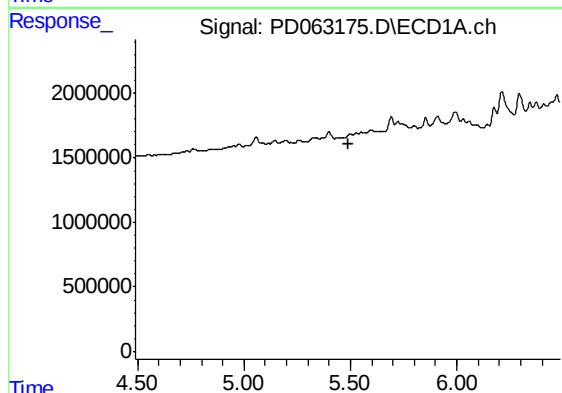
R.T.: 0.000 min
Exp R.T. : 5.150 min
Response: 0
Conc: N.D.

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



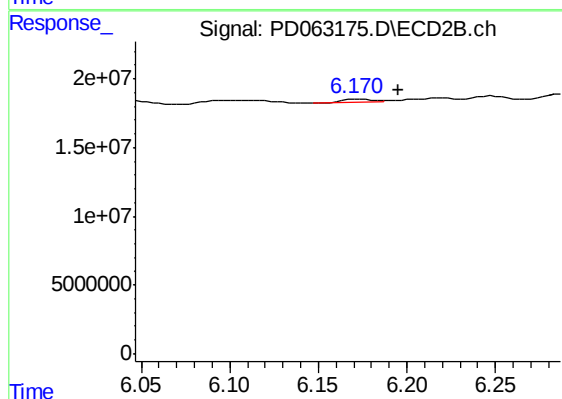
#8 Heptachlor epoxide

R.T.: 5.848 min
Delta R.T.: 0.008 min
Response: 18048558
Conc: 1.16 ng/ml



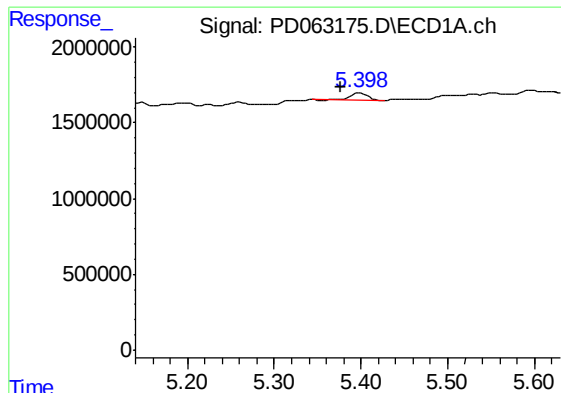
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.489 min
Response: 0
Conc: N.D.



#9 Endosulfan I

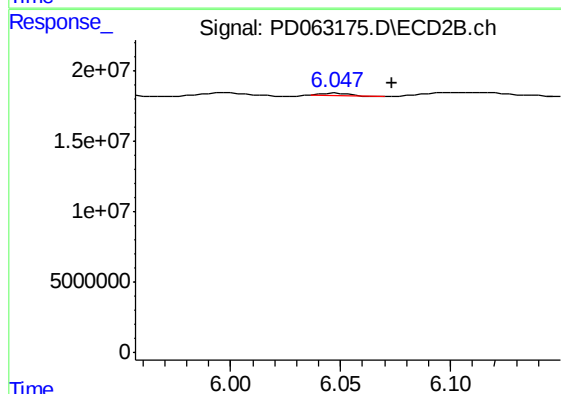
R.T.: 6.173 min
Delta R.T.: -0.023 min
Response: 3418251
Conc: 0.24 ng/ml



#10 trans-Chlordane

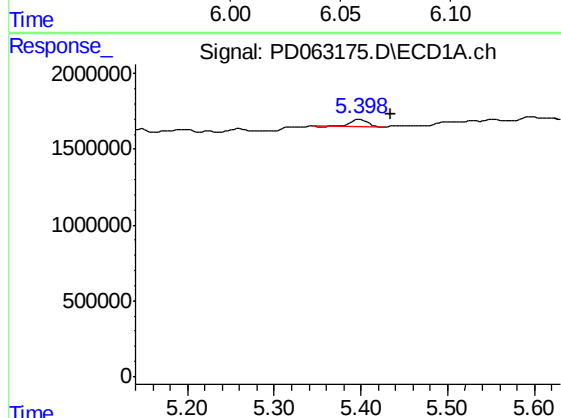
R.T.: 5.400 min
Delta R.T.: 0.023 min
Response: 685931
Conc: 0.48 ng/ml

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



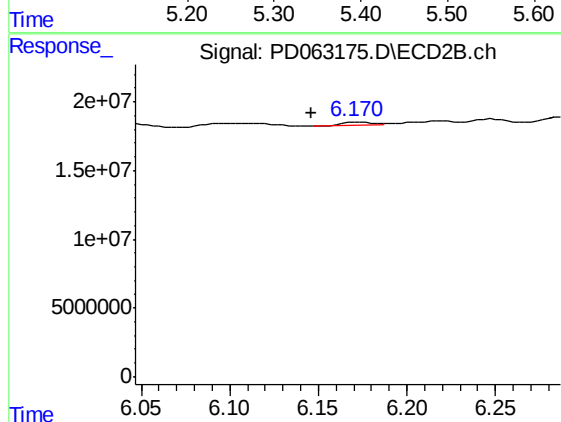
#10 trans-Chlordane

R.T.: 6.048 min
Delta R.T.: -0.025 min
Response: 1910602
Conc: 0.12 ng/ml



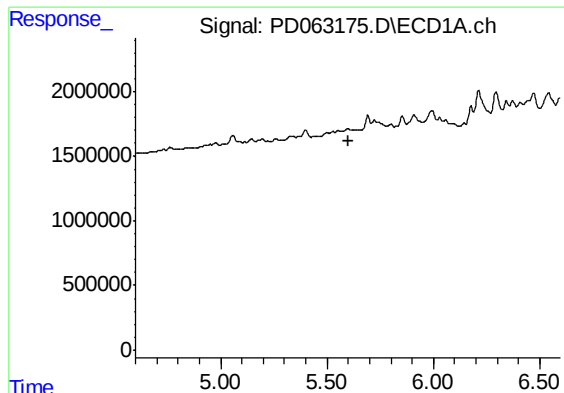
#11 cis-Chlordane

R.T.: 5.400 min
Delta R.T.: -0.035 min
Response: 685931
Conc: 0.49 ng/ml



#11 cis-Chlordane

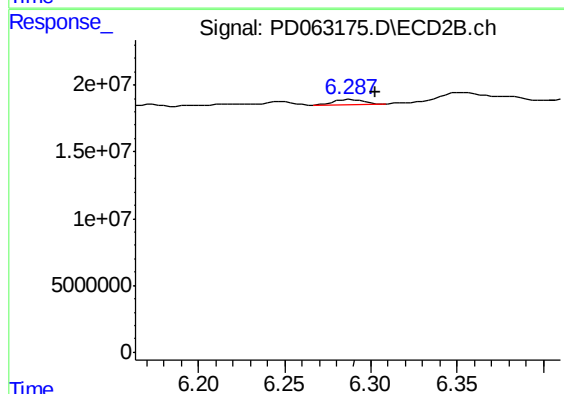
R.T.: 6.173 min
Delta R.T.: 0.027 min
Response: 3418251
Conc: 0.23 ng/ml



#12 4,4'-DDE

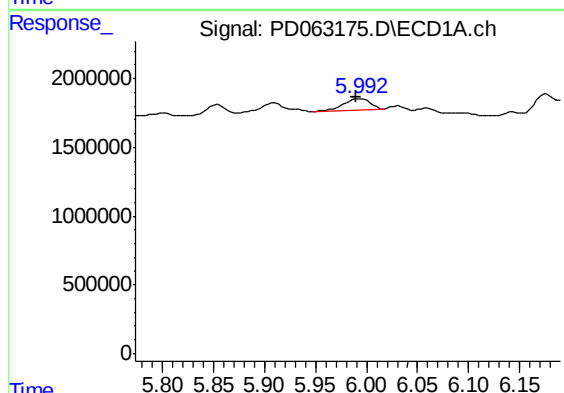
R.T.: 0.000 min
Exp R.T.: 5.599 min
Response: 0
Conc: N.D.

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



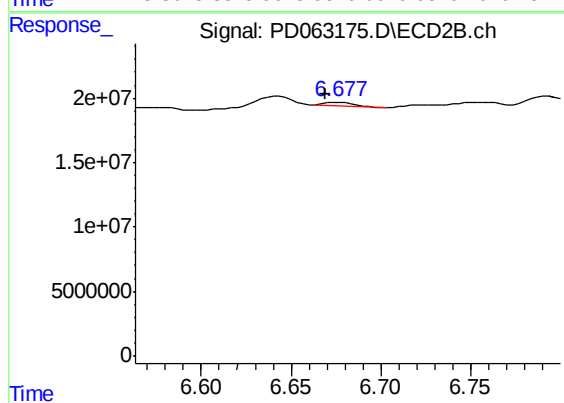
#12 4,4'-DDE

R.T.: 6.288 min
Delta R.T.: -0.014 min
Response: 4181372
Conc: 0.28 ng/ml



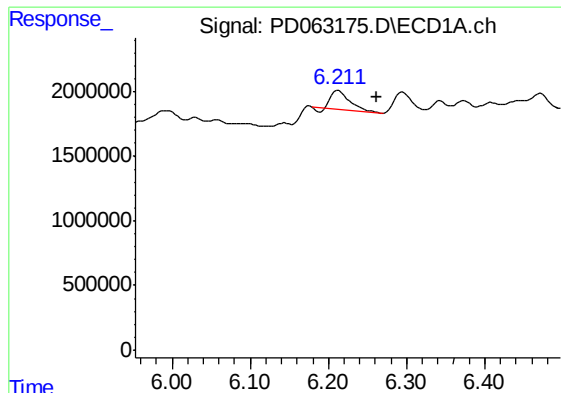
#14 Endrin

R.T.: 5.994 min
Delta R.T.: 0.004 min
Response: 1458397
Conc: 1.10 ng/ml



#14 Endrin

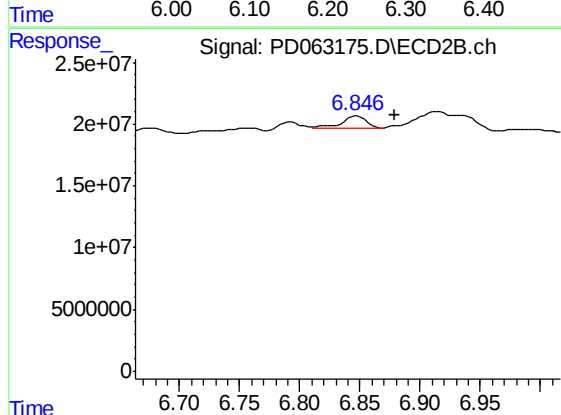
R.T.: 6.678 min
Delta R.T.: 0.009 min
Response: 3423612
Conc: 0.27 ng/ml



#15 Endosulfan II

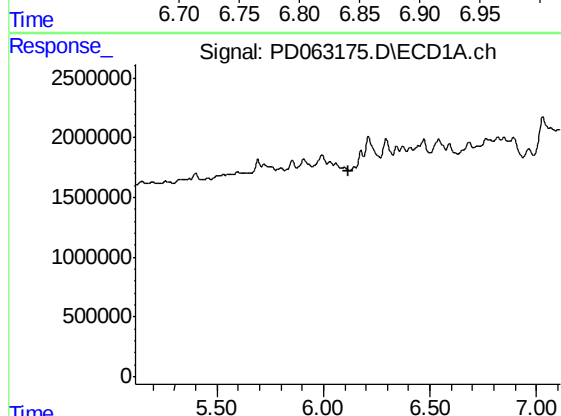
R.T.: 6.212 min
Delta R.T.: -0.050 min
Response: 2530399
Conc: 2.13 ng/ml

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



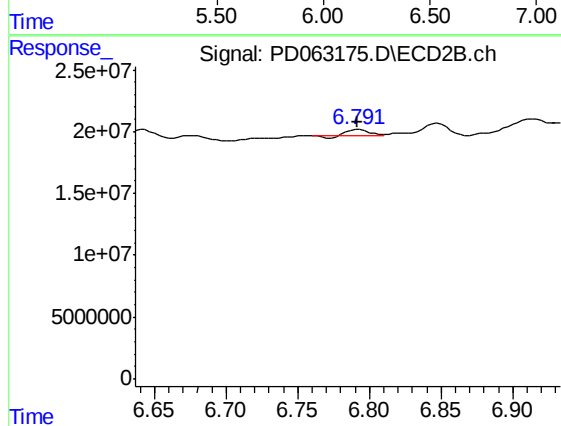
#15 Endosulfan II

R.T.: 6.847 min
Delta R.T.: -0.031 min
Response: 14017570
Conc: 1.14 ng/ml



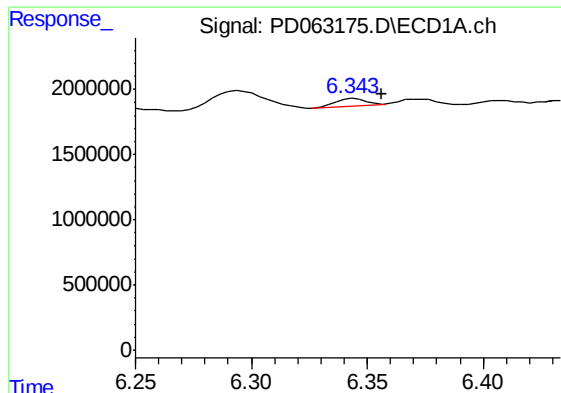
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 6.115 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

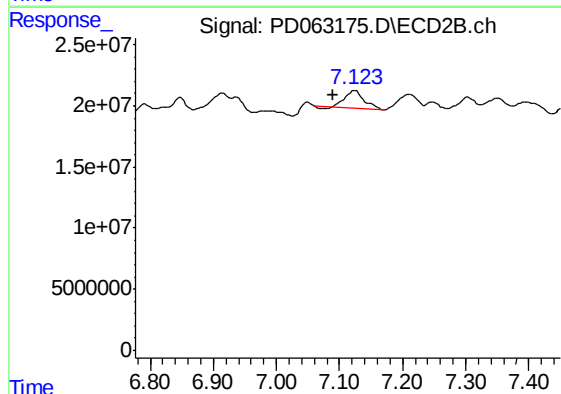
R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 4199458
Conc: 0.35 ng/ml



#17 4,4'-DDT

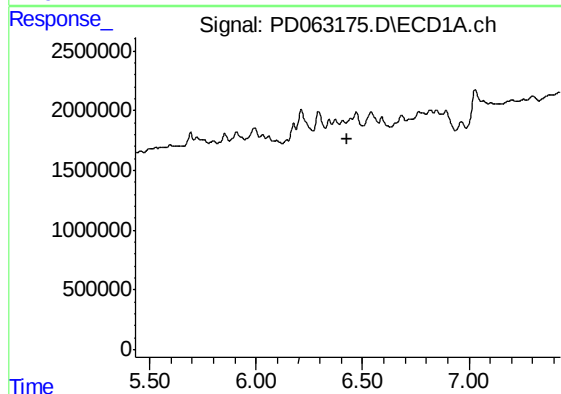
R.T.: 6.344 min
Delta R.T.: -0.012 min
Response: 486772
Conc: 0.40 ng/ml

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



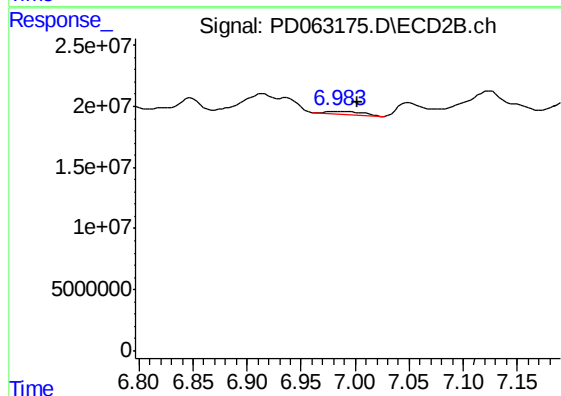
#17 4,4'-DDT

R.T.: 7.125 min
Delta R.T.: 0.034 min
Response: 29503573
Conc: 2.44 ng/ml



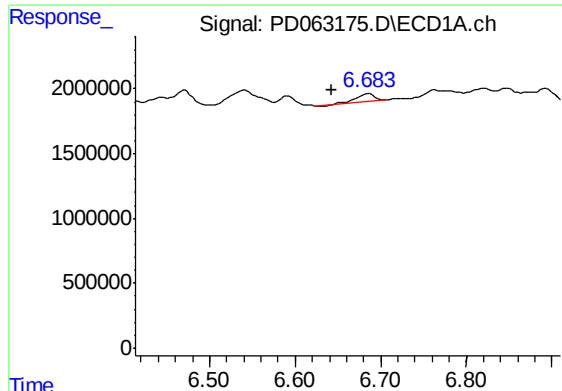
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.431 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

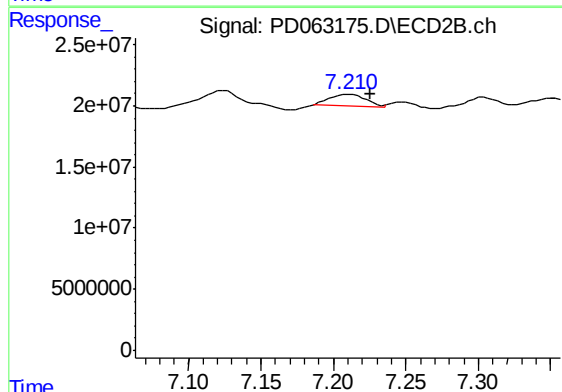
R.T.: 6.984 min
Delta R.T.: -0.018 min
Response: 6081351
Conc: 0.58 ng/ml



#19 Endosulfan Sulfate

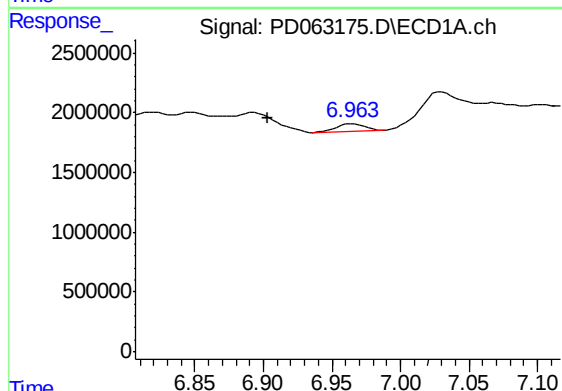
R.T.: 6.685 min
Delta R.T.: 0.042 min
Response: 719727
Conc: 0.63 ng/ml

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



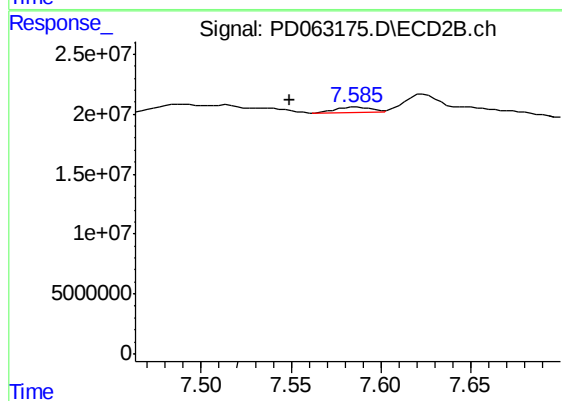
#19 Endosulfan Sulfate

R.T.: 7.211 min
Delta R.T.: -0.014 min
Response: 16687366
Conc: 1.37 ng/ml



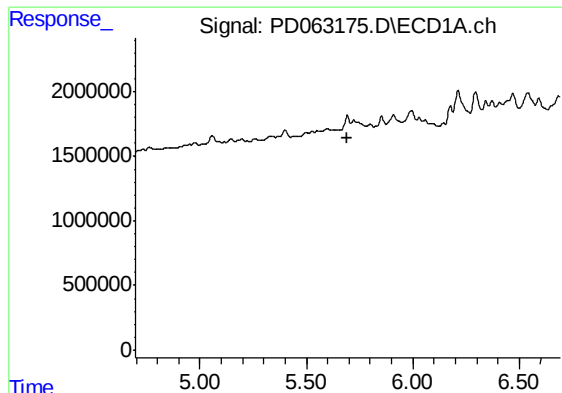
#20 Methoxychlor

R.T.: 6.965 min
Delta R.T.: 0.062 min
Response: 862891
Conc: 1.24 ng/ml



#20 Methoxychlor

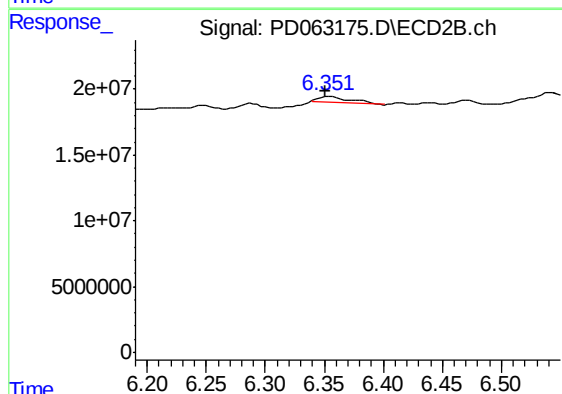
R.T.: 7.586 min
Delta R.T.: 0.037 min
Response: 5154394
Conc: 0.90 ng/ml



#22 Toxaphene-1

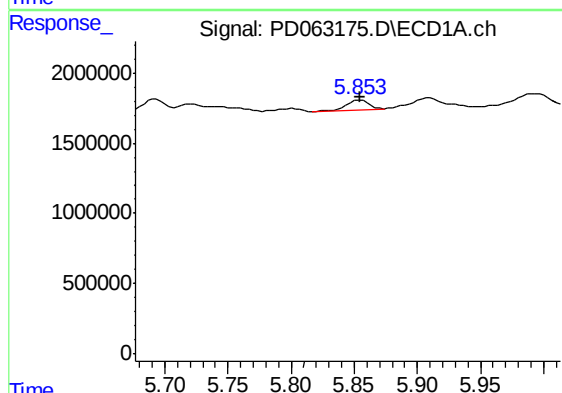
R.T.: 0.000 min
Exp R.T.: 5.694 min
Response: 0
Conc: N.D.

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



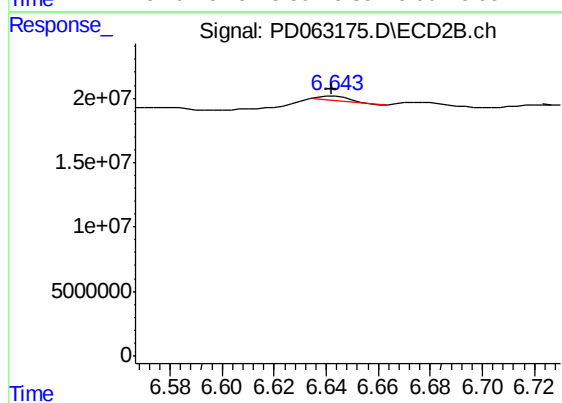
#22 Toxaphene-1

R.T.: 6.353 min
Delta R.T.: 0.001 min
Response: 8913013
Conc: 139.95 ng/ml



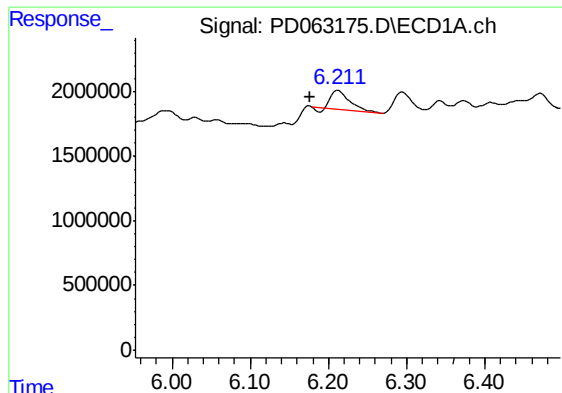
#23 Toxaphene-2

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 803007
Conc: 90.05 ng/ml



#23 Toxaphene-2

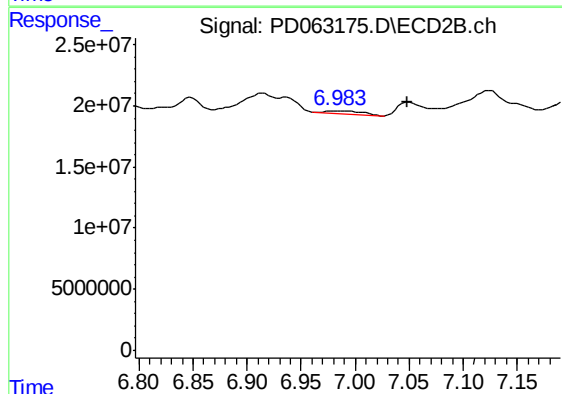
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 2758519
Conc: 34.77 ng/ml



#24 Toxaphene-3

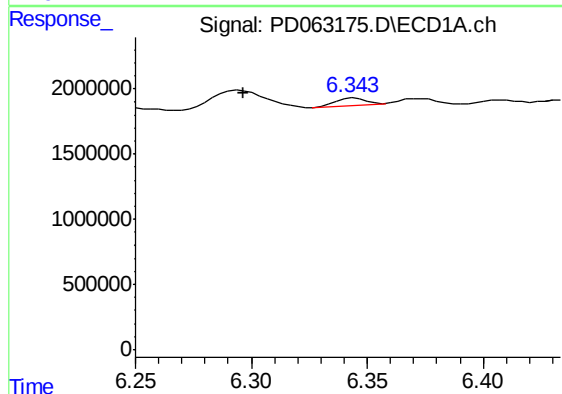
R.T.: 6.212 min
Delta R.T.: 0.036 min
Response: 2530399
Conc: 264.81 ng/ml

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



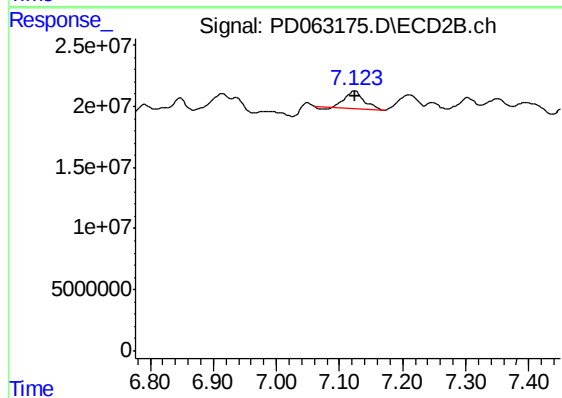
#24 Toxaphene-3

R.T.: 6.984 min
Delta R.T.: -0.065 min
Response: 6081351
Conc: 54.41 ng/ml



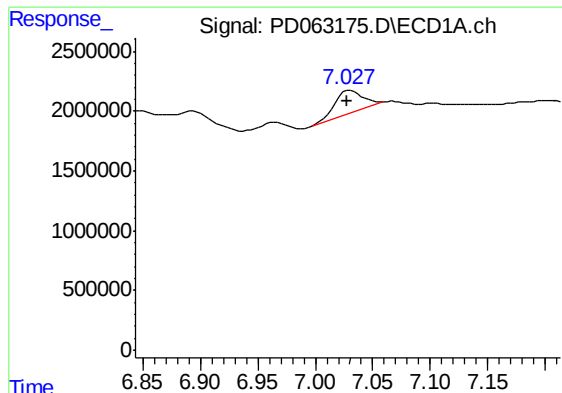
#25 Toxaphene-4

R.T.: 6.344 min
Delta R.T.: 0.047 min
Response: 486772
Conc: 20.90 ng/ml



#25 Toxaphene-4

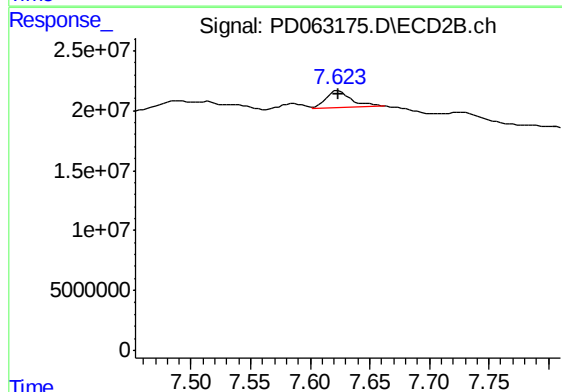
R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 29503573
Conc: 97.91 ng/ml



#26 Toxaphene-5

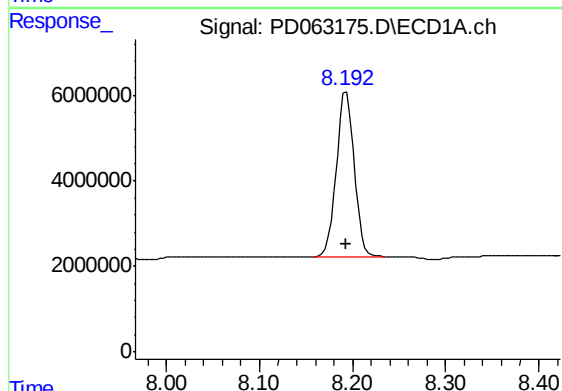
R.T.: 7.030 min
Delta R.T.: 0.001 min
Response: 3281169
Conc: 124.61 ng/ml

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



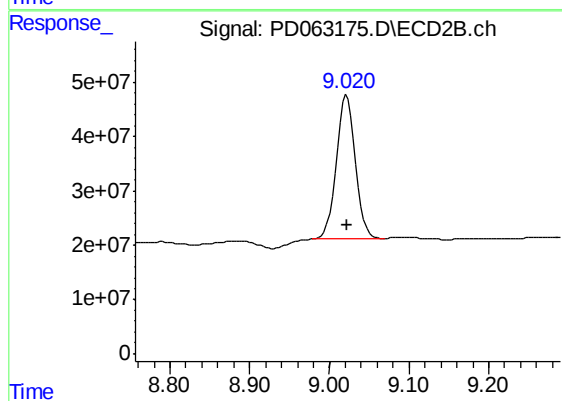
#26 Toxaphene-5

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 19984371
Conc: 152.40 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 51293156
Conc: 39.44 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.000 min
Response: 443099897
Conc: 39.95 ng/ml