

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052121\
 Data File : PD063171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2021 17:08
 Operator : AR\AJ
 Sample : M2250-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 01:47:48 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	20399869	216.6E6	18.037	18.474
27)	SA Decachlor...	8.192	9.022	50067910	430.8E6	38.497	38.841
Target Compounds							
2)	A alpha-BHC	3.875	4.358	1874924	13801587	1.122	0.792 #
3)	MA gamma-BHC...	4.159	4.642	2286777	15890013	1.428	0.953 #
4)	MA Heptachlor	4.459	5.149	1418113	17515202	0.913	1.041
5)	MB Aldrin	4.707	5.453	1334550	20047222	0.891	1.248 #
6)	B beta-BHC	4.409	4.813	884015	5230838	1.204	0.740 #
7)	B delta-BHC	4.613	5.028	1360907	40279934	0.861	2.241 #
8)	B Heptachlor...	5.149	5.842	1327972	26802101	0.944	1.722 #
9)	A Endosulfan I	5.488	6.196	1185202	16930539	0.899	1.179 #
10)	B trans-Chl...	5.376	6.074	1337175	15371656	0.929	0.992
11)	B cis-Chlor...	5.434	6.146	1316926	15653695	0.933	1.053
12)	B 4,4'-DDE	5.598	6.303	1212896	15970541	0.846	1.057 #
13)	MA Dieldrin	5.731	6.452	1304953	16401735	0.871	1.069
14)	MA Endrin	5.989	6.669	1843819	13458706	1.392	1.061
15)	B Endosulfa...	6.263	6.879	1219714	17519257	1.027	1.425 #
16)	A 4,4'-DDD	6.114	6.792	766847	15353623	0.647	1.268 #
17)	MA 4,4'-DDT	6.355	7.091	730113	13650154	0.606	1.129 #
18)	B Endrin al...	6.431	7.002	1146006	11064493	1.057	1.049
19)	B Endosulfa...	6.644	7.226	1069117	13882157	0.943	1.140
20)	A Methoxychlor	0.000	7.549	0	7697457	N.D.	1.348
21)	B Endrin ke...	7.135	7.695	1277496	13525036	0.900	1.167 #
22)	Toxaphene-1	5.731	6.336	1304953	363938	147.413	5.715 #
23)	Toxaphene-2	0.000	6.669	0	13458706	N.D.	169.654
24)	Toxaphene-3	6.209	7.091	1156796	13650154	121.061	122.118
25)	Toxaphene-4	6.263	7.141	1219714	2538654	52.359	8.424 #
26)	Toxaphene-5	0.000	7.608	0	1822862	N.D.	13.902

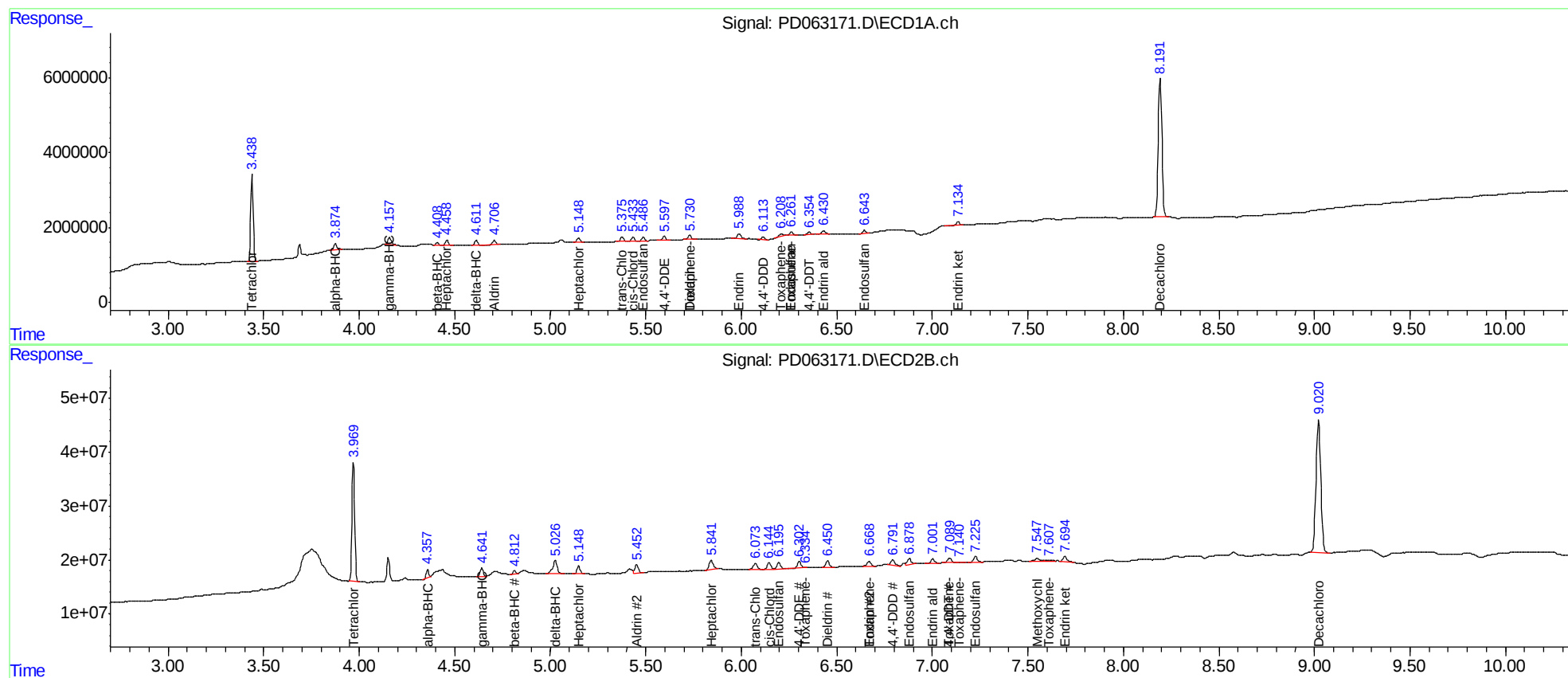
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

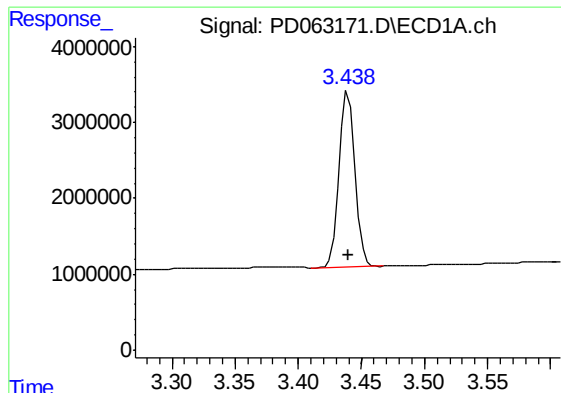
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052121\
Data File : PD063171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2021 17:08
Operator : AR\AJ
Sample : M2250-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 01:47:48 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

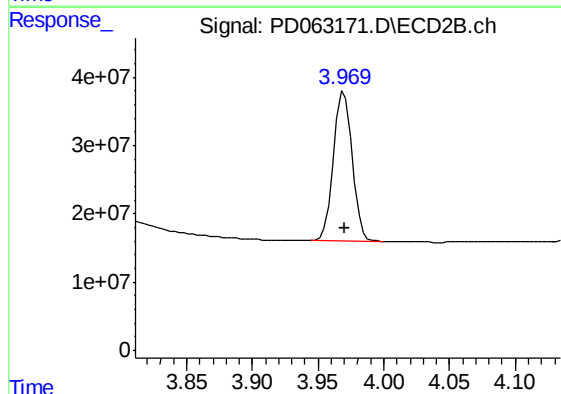




#1 Tetrachloro-m-xylene

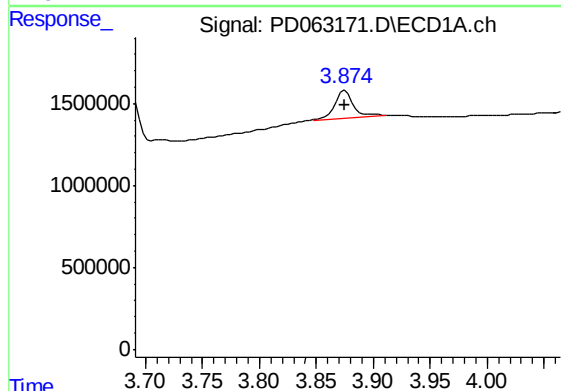
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 20399869
Conc: 18.04 ng/ml

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



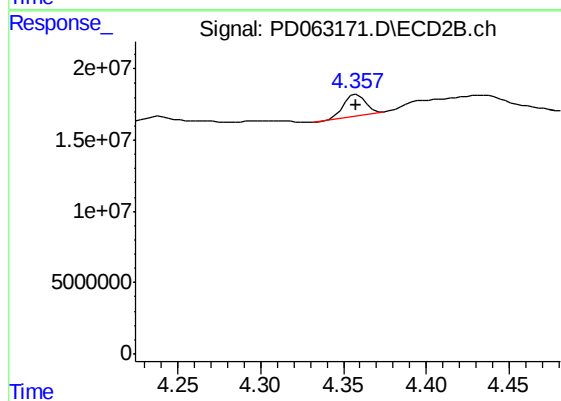
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 216572980
Conc: 18.47 ng/ml



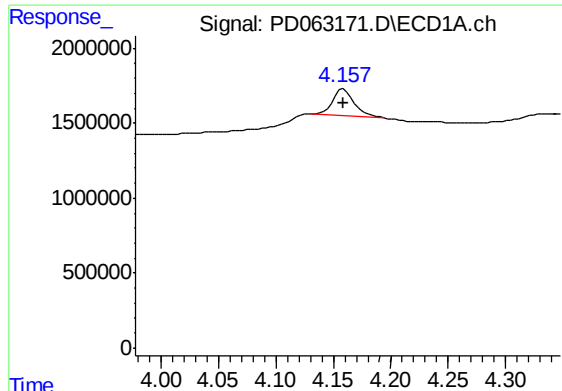
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: 0.000 min
Response: 1874924
Conc: 1.12 ng/ml



#2 alpha-BHC

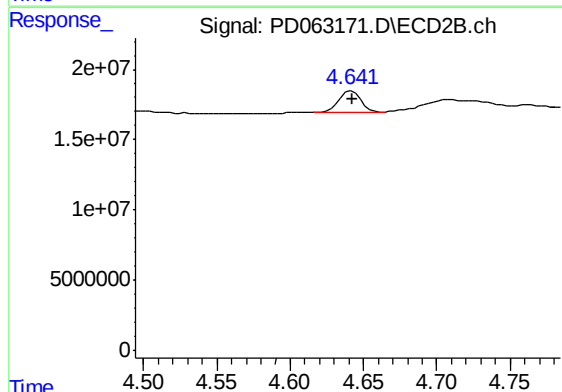
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 13801587
Conc: 0.79 ng/ml



#3 gamma-BHC (Lindane)

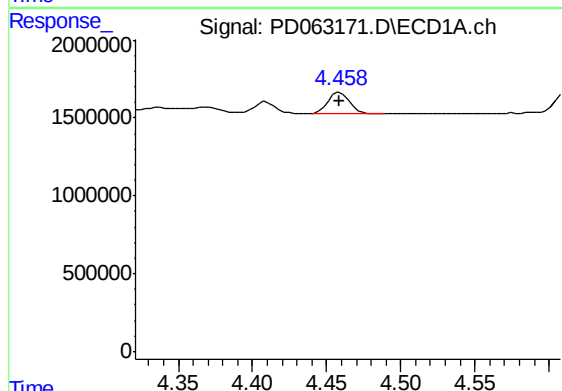
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 2286777
Conc: 1.43 ng/ml

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



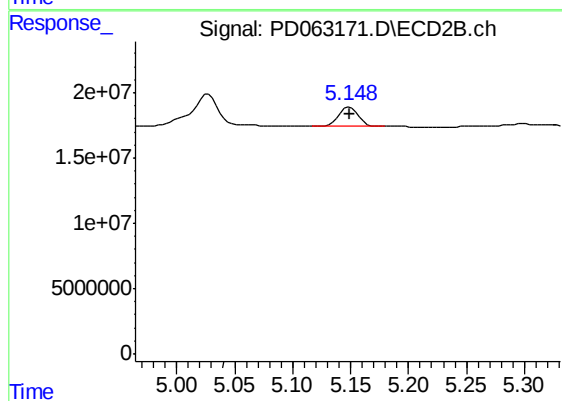
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 15890013
Conc: 0.95 ng/ml



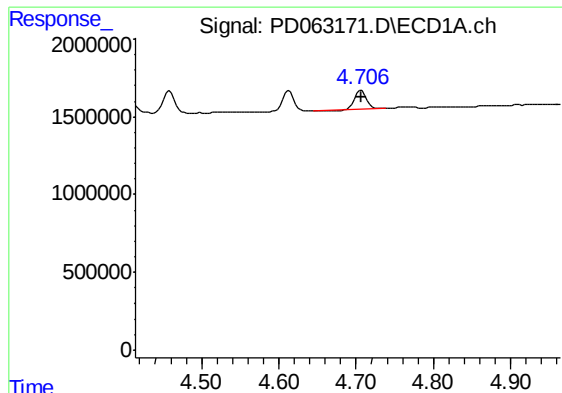
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 1418113
Conc: 0.91 ng/ml



#4 Heptachlor

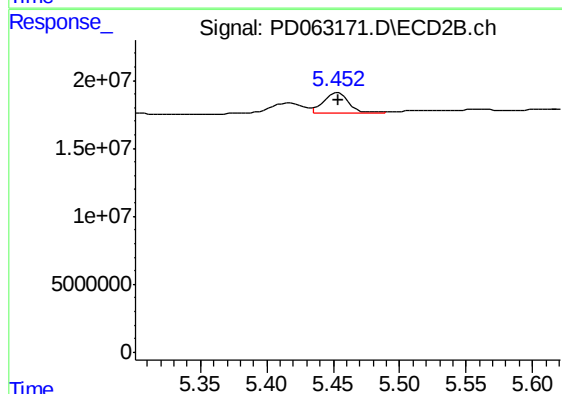
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 17515202
Conc: 1.04 ng/ml



#5 Aldrin

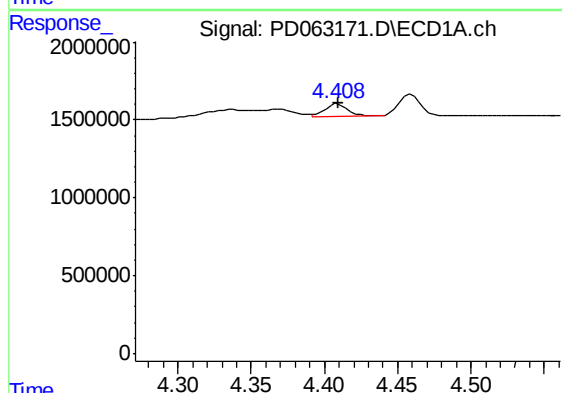
R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 1334550
Conc: 0.89 ng/ml

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



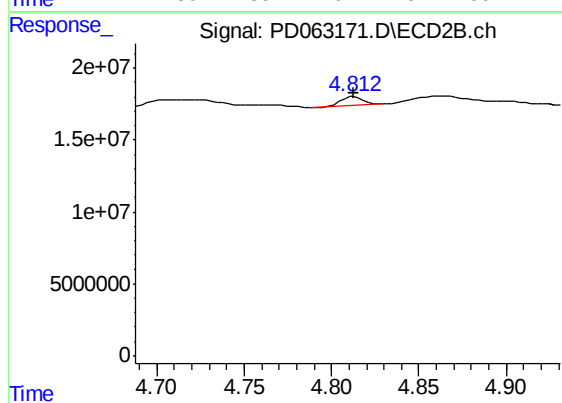
#5 Aldrin

R.T.: 5.453 min
Delta R.T.: 0.000 min
Response: 20047222
Conc: 1.25 ng/ml



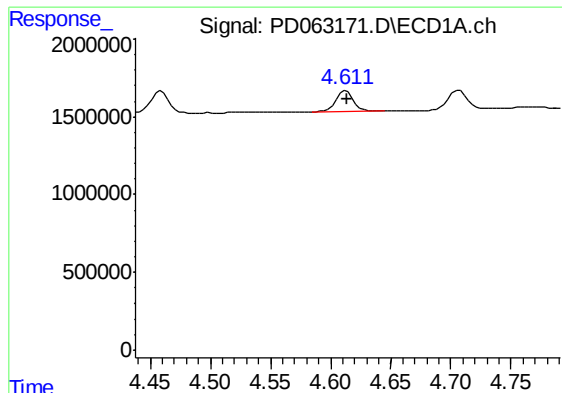
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 884015
Conc: 1.20 ng/ml



#6 beta-BHC

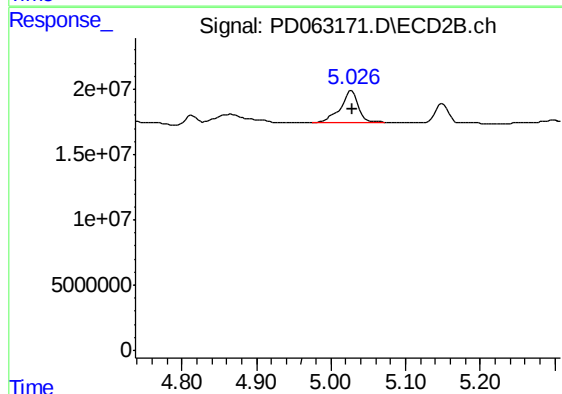
R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 5230838
Conc: 0.74 ng/ml



#7 delta-BHC

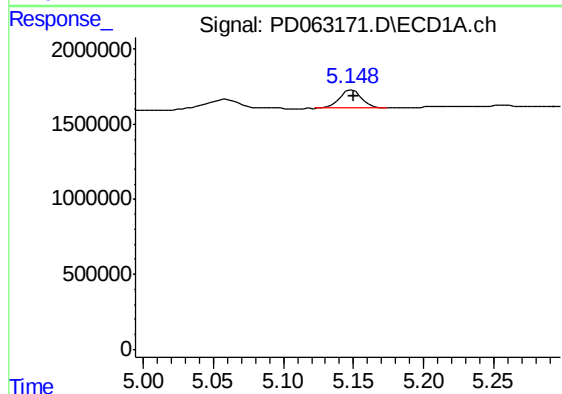
R.T.: 4.613 min
Delta R.T.: 0.000 min
Response: 1360907
Conc: 0.86 ng/ml

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



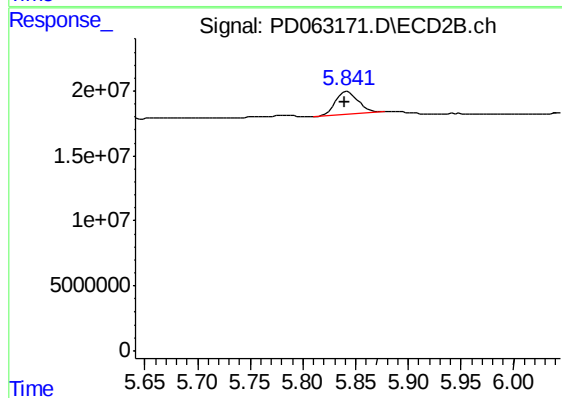
#7 delta-BHC

R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 40279934
Conc: 2.24 ng/ml



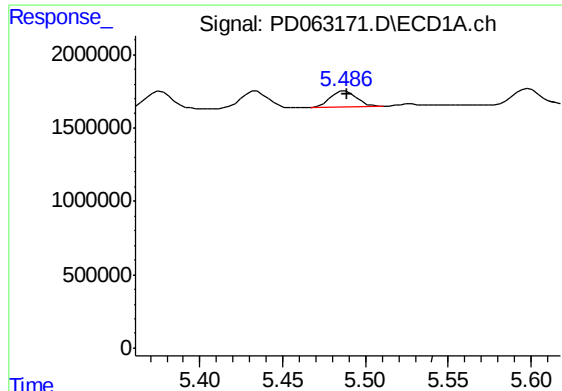
#8 Heptachlor epoxide

R.T.: 5.149 min
Delta R.T.: -0.001 min
Response: 1327972
Conc: 0.94 ng/ml



#8 Heptachlor epoxide

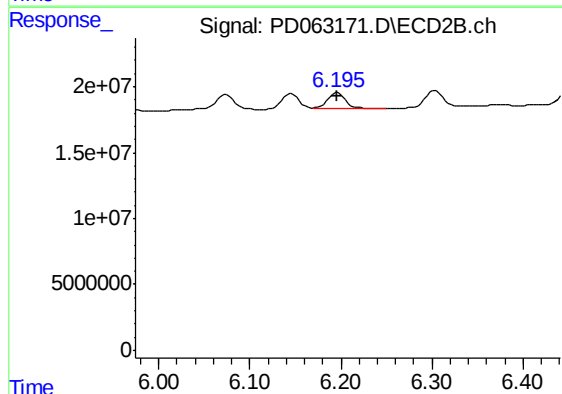
R.T.: 5.842 min
Delta R.T.: 0.002 min
Response: 26802101
Conc: 1.72 ng/ml



#9 Endosulfan I

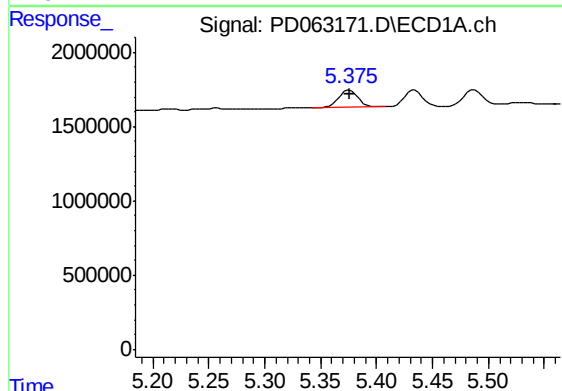
R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 1185202
Conc: 0.90 ng/ml

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



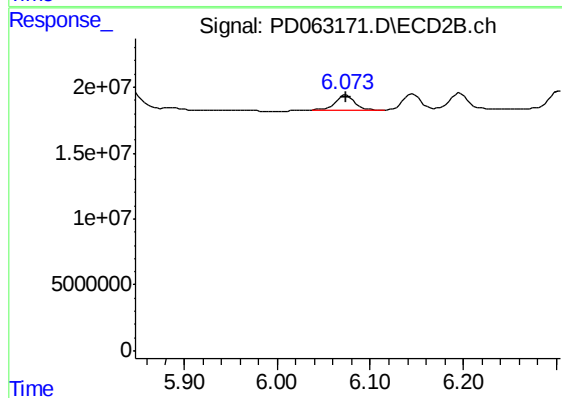
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 16930539
Conc: 1.18 ng/ml



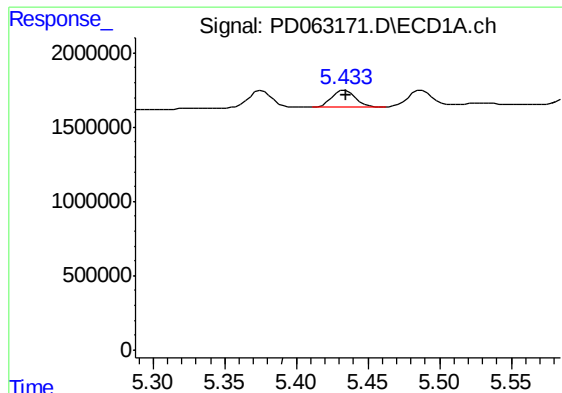
#10 trans-Chlordane

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 1337175
Conc: 0.93 ng/ml



#10 trans-Chlordane

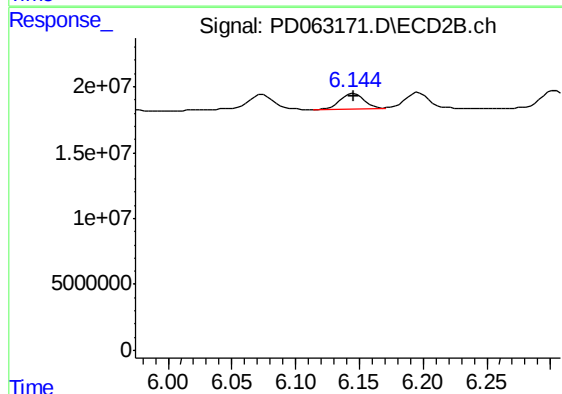
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 15371656
Conc: 0.99 ng/ml



#11 cis-Chlordane

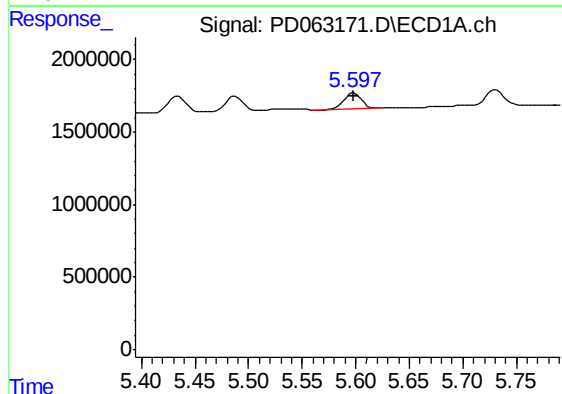
R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 1316926
Conc: 0.93 ng/ml

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



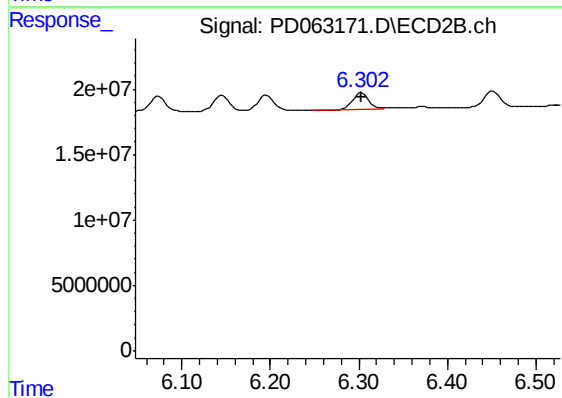
#11 cis-Chlordane

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 15653695
Conc: 1.05 ng/ml



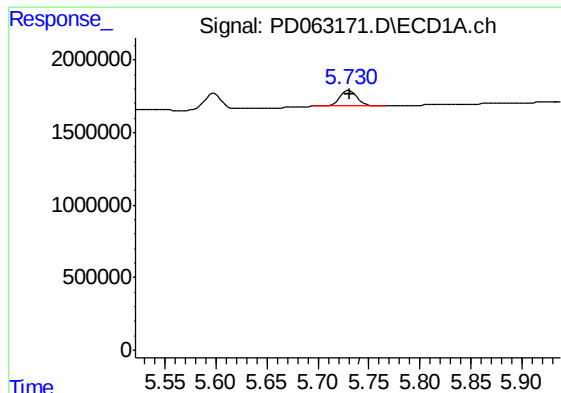
#12 4,4'-DDE

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 1212896
Conc: 0.85 ng/ml



#12 4,4'-DDE

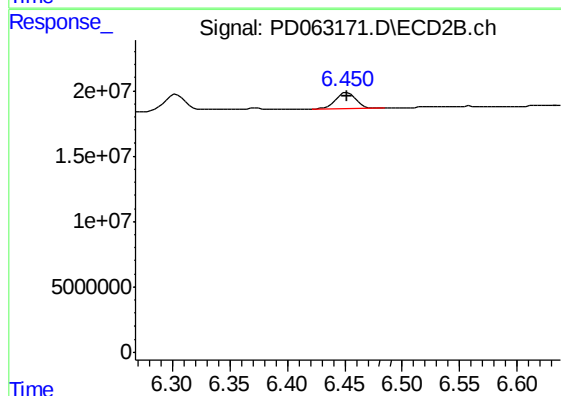
R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 15970541
Conc: 1.06 ng/ml



#13 Dielddrin

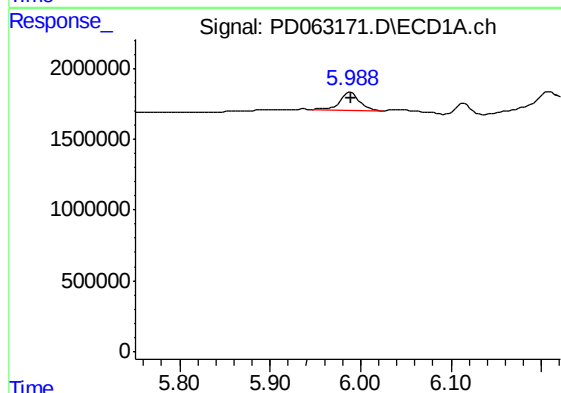
R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 1304953
Conc: 0.87 ng/ml

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



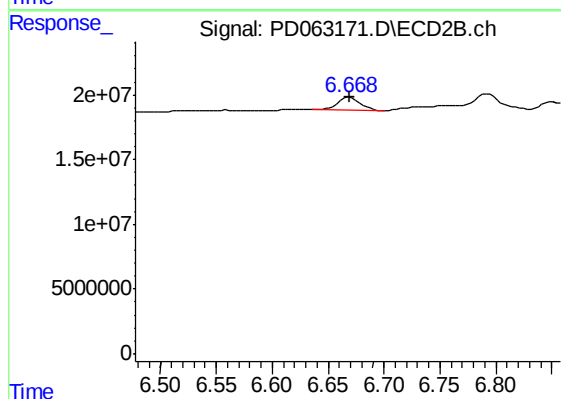
#13 Dielddrin

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 16401735
Conc: 1.07 ng/ml



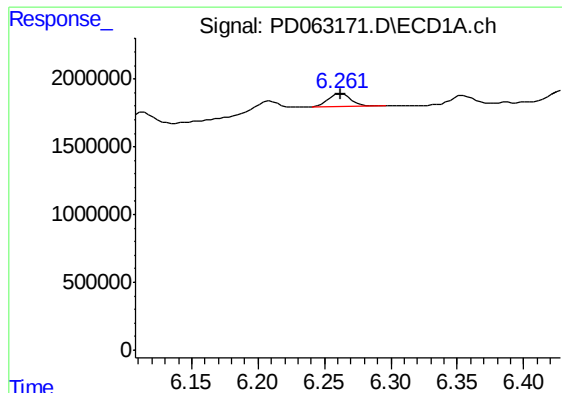
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 1843819
Conc: 1.39 ng/ml



#14 Endrin

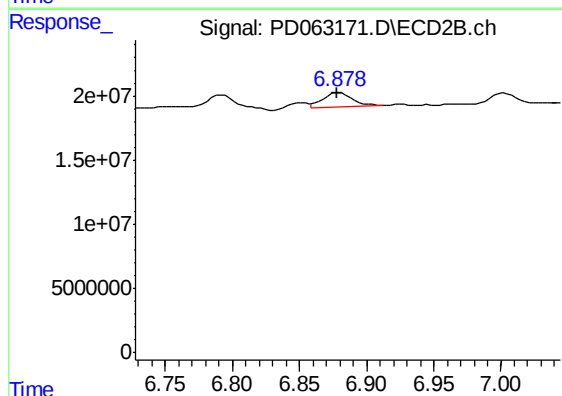
R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 13458706
Conc: 1.06 ng/ml



#15 Endosulfan II

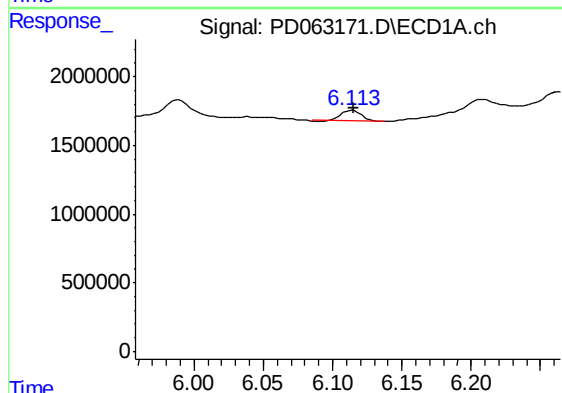
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 1219714
Conc: 1.03 ng/ml

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



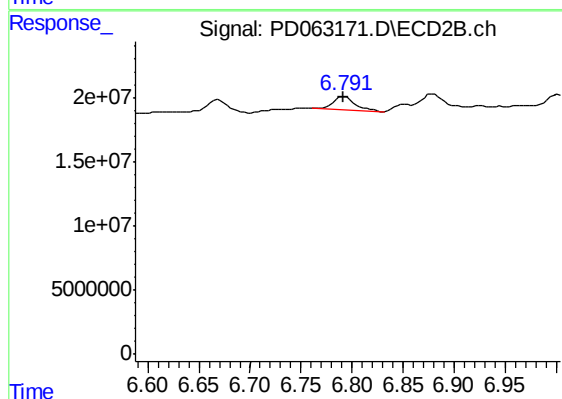
#15 Endosulfan II

R.T.: 6.879 min
Delta R.T.: 0.001 min
Response: 17519257
Conc: 1.42 ng/ml



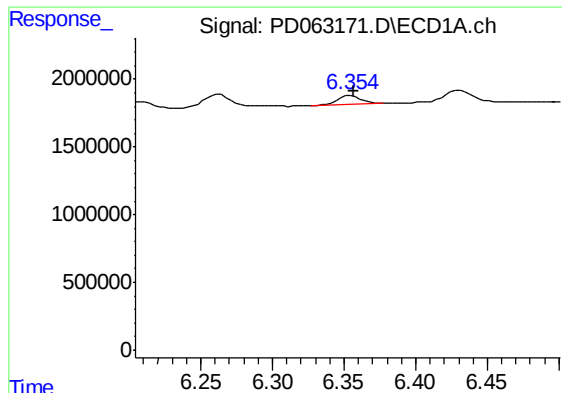
#16 4,4'-DDD

R.T.: 6.114 min
Delta R.T.: -0.001 min
Response: 766847
Conc: 0.65 ng/ml



#16 4,4'-DDD

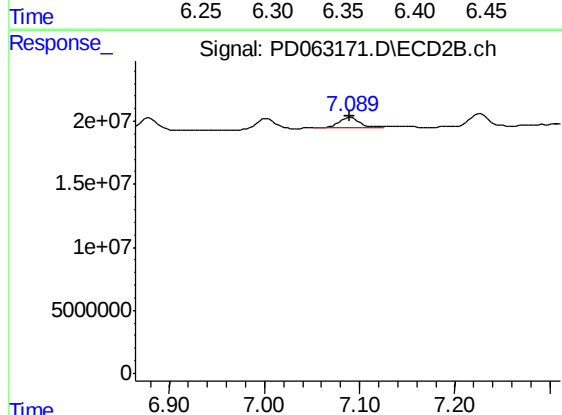
R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 15353623
Conc: 1.27 ng/ml



#17 4,4'-DDT

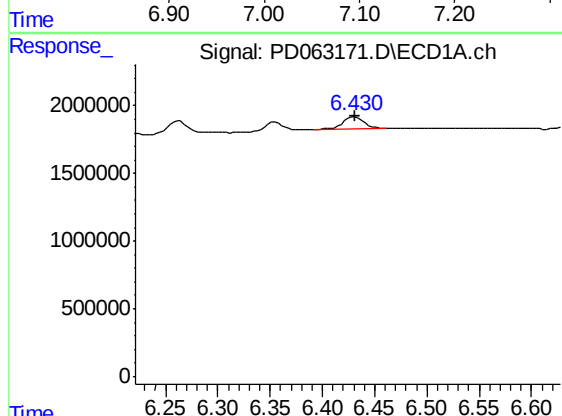
R.T.: 6.355 min
Delta R.T.: -0.001 min
Response: 730113
Conc: 0.61 ng/ml

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



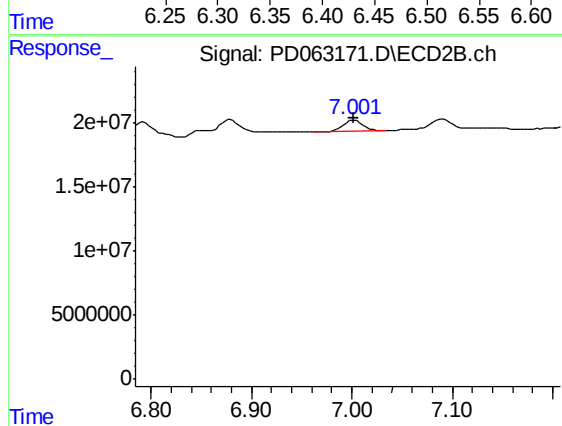
#17 4,4'-DDT

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 13650154
Conc: 1.13 ng/ml



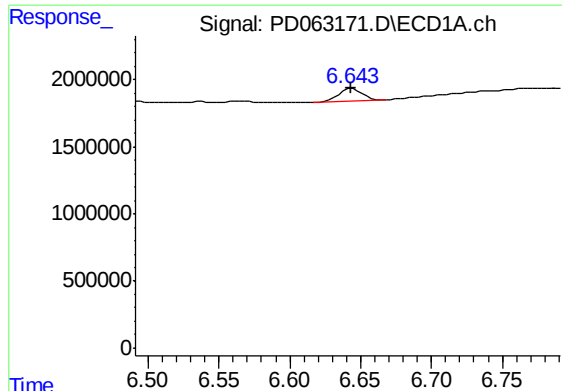
#18 Endrin aldehyde

R.T.: 6.431 min
Delta R.T.: 0.000 min
Response: 1146006
Conc: 1.06 ng/ml



#18 Endrin aldehyde

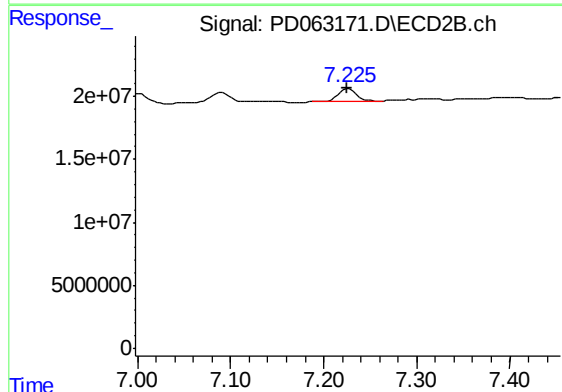
R.T.: 7.002 min
Delta R.T.: 0.000 min
Response: 11064493
Conc: 1.05 ng/ml



#19 Endosulfan Sulfate

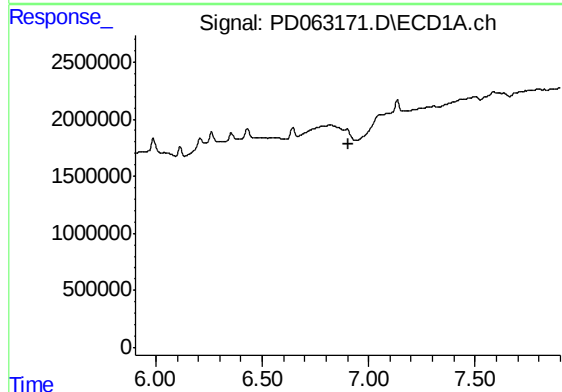
R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 1069117
Conc: 0.94 ng/ml

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



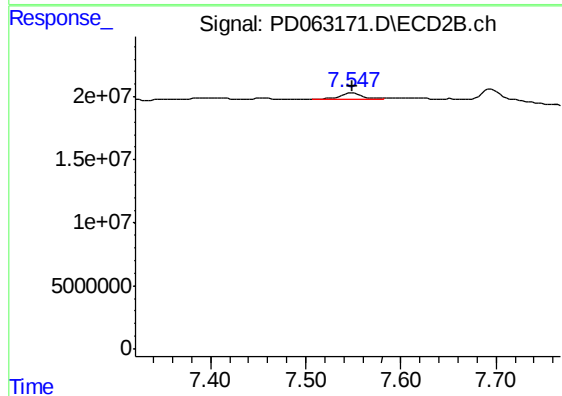
#19 Endosulfan Sulfate

R.T.: 7.226 min
Delta R.T.: 0.001 min
Response: 13882157
Conc: 1.14 ng/ml



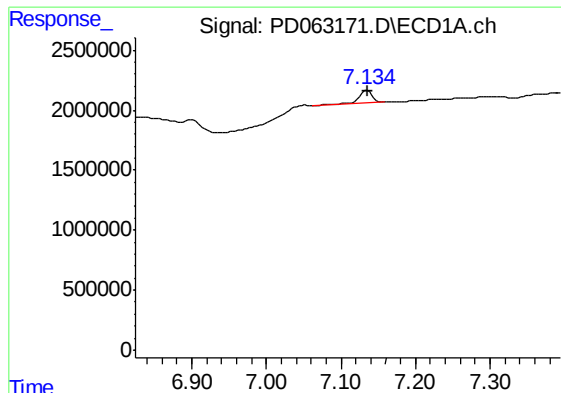
#20 Methoxychlor

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



#20 Methoxychlor

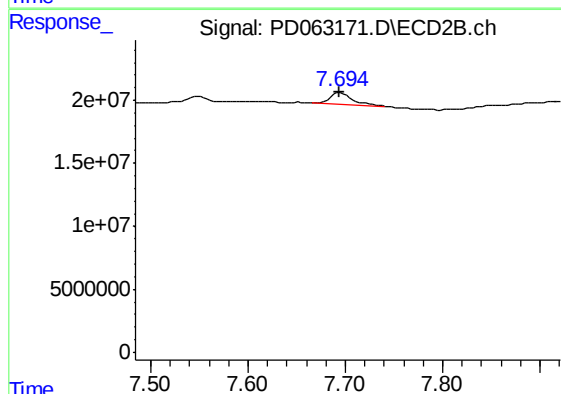
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 7697457
Conc: 1.35 ng/ml



#21 Endrin ketone

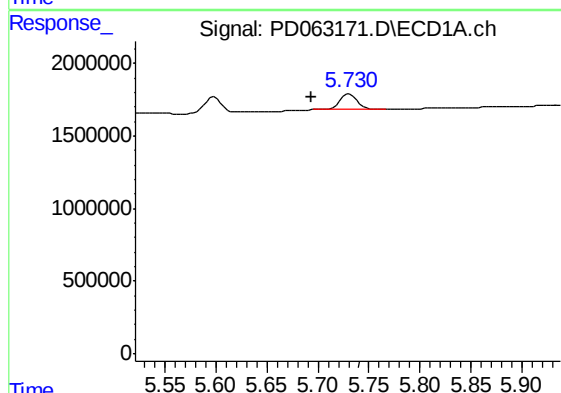
R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 1277496
Conc: 0.90 ng/ml

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



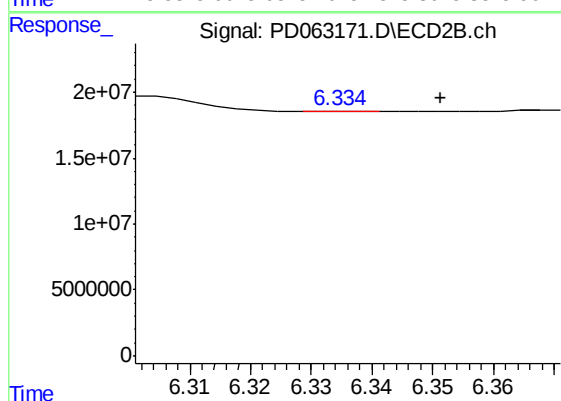
#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 13525036
Conc: 1.17 ng/ml



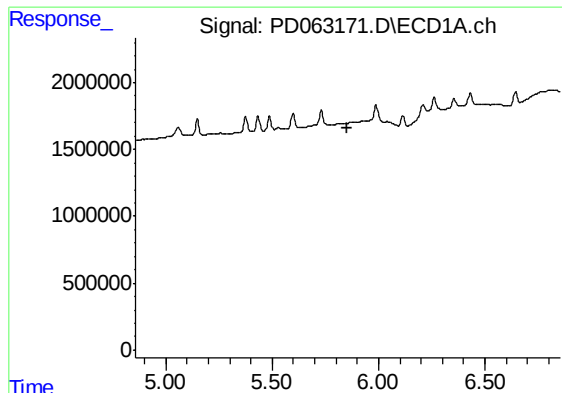
#22 Toxaphene-1

R.T.: 5.731 min
Delta R.T.: 0.037 min
Response: 1304953
Conc: 147.41 ng/ml



#22 Toxaphene-1

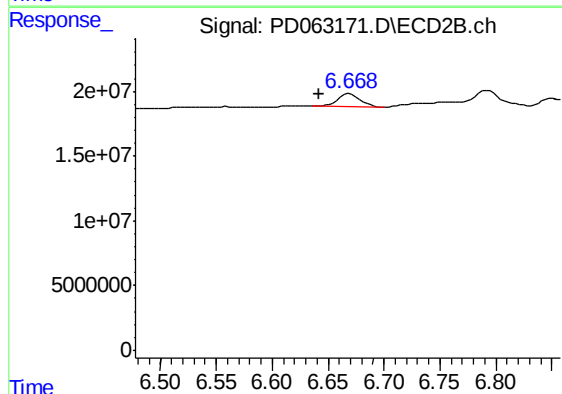
R.T.: 6.336 min
Delta R.T.: -0.016 min
Response: 363938
Conc: 5.71 ng/ml



#23 Toxaphene-2

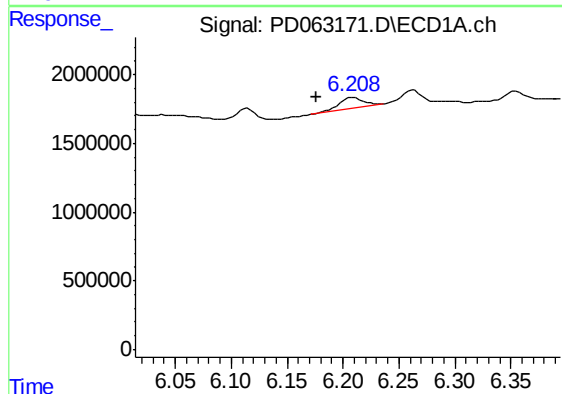
R.T.: 0.000 min
Exp R.T.: 5.855 min
Response: 0
Conc: N.D.

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



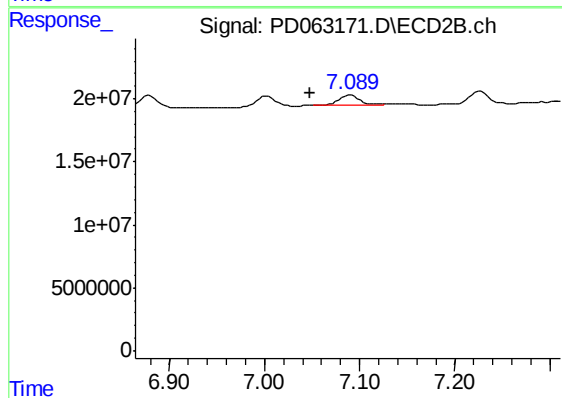
#23 Toxaphene-2

R.T.: 6.669 min
Delta R.T.: 0.027 min
Response: 13458706
Conc: 169.65 ng/ml



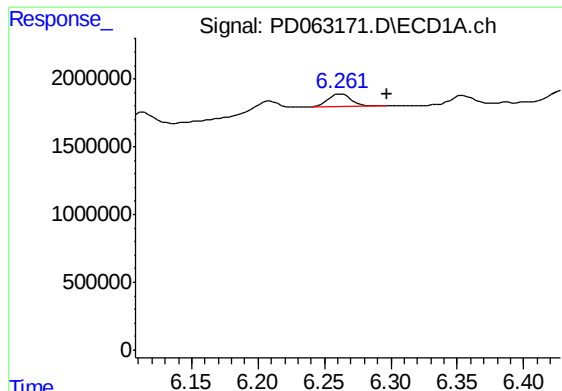
#24 Toxaphene-3

R.T.: 6.209 min
Delta R.T.: 0.033 min
Response: 1156796
Conc: 121.06 ng/ml



#24 Toxaphene-3

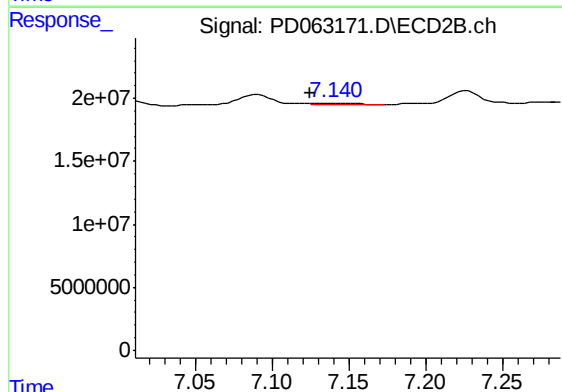
R.T.: 7.091 min
Delta R.T.: 0.042 min
Response: 13650154
Conc: 122.12 ng/ml



#25 Toxaphene-4

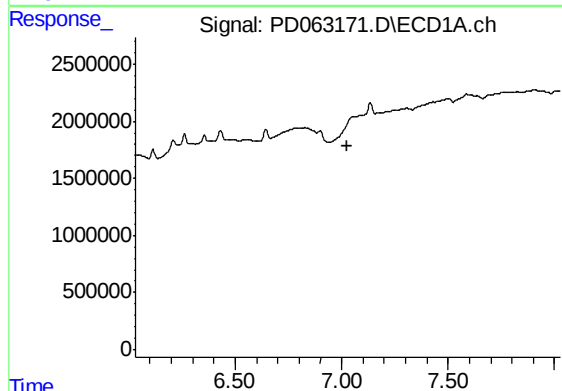
R.T.: 6.263 min
Delta R.T.: -0.034 min
Response: 1219714
Conc: 52.36 ng/ml

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



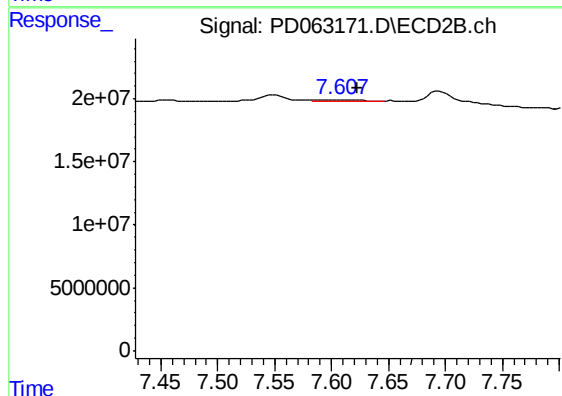
#25 Toxaphene-4

R.T.: 7.141 min
Delta R.T.: 0.017 min
Response: 2538654
Conc: 8.42 ng/ml



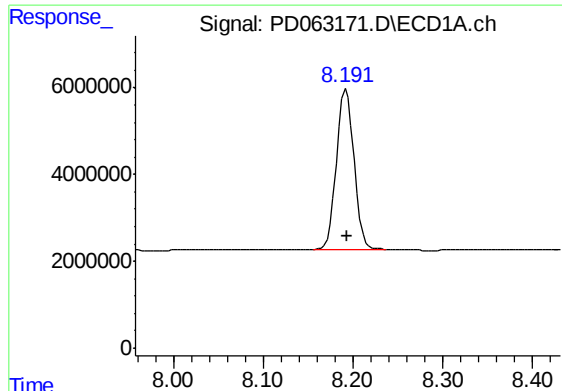
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 7.028 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

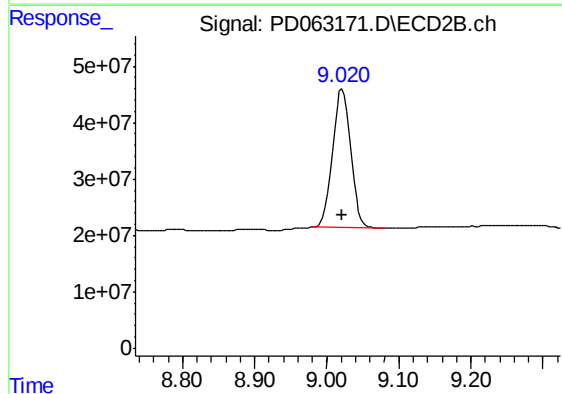
R.T.: 7.608 min
Delta R.T.: -0.015 min
Response: 1822862
Conc: 13.90 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.192 min
Delta R.T.: -0.001 min
Response: 50067910
Conc: 38.50 ng/ml

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



#27 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.000 min
Response: 430762994
Conc: 38.84 ng/ml