

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090121\
 Data File : PD065489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2021 10:15
 Operator : AR\AJ
 Sample : M3263-01
 Misc : PEST MDL 1 PPB
 ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 08:10:35 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	21198761	144.7E6	18.752	17.857
27)	SA Decachlor...	8.242	9.087	50530884	188.9E6	34.978	36.530
Target Compounds							
2)	A alpha-BHC	3.935	4.409	2160402	13359364	1.403	1.223
3)	MA gamma-BHC...	4.219	4.695	2993865	12720273	1.830	1.209 #
4)	MA Heptachlor	4.517	5.200	1701456	11175757	1.161	1.111
5)	MB Aldrin	4.765	5.505	18765550	12292959	1.329	1.285
6)	B beta-BHC	4.470	4.872	1382848	5853332	1.875	1.219 #
7)	B delta-BHC	4.672	5.089	1907676	15832176	1.270	1.536
8)	B Heptachlor...	5.207	5.895	1926935	3708814	1.429	0.455 #
9)	A Endosulfan I	5.545	6.253	1692770	9684449	1.328	1.306
10)	B trans-Chl...	5.433	6.128	2005750	9848714	1.464	1.214
11)	B cis-Chlor...	5.491	6.200	1850173	10287472	1.360	1.298
12)	B 4,4'-DDE	5.654	6.358	1560049	9447102	1.247	1.277
13)	MA Dieldrin	5.789	6.510	1758048	13205284	1.314	1.726 #
14)	MA Endrin	6.047	6.729	1841201	8722644	1.512	1.377
15)	B Endosulfa...	6.320	6.942	1880851	8343156	1.493	1.287
16)	A 4,4'-DDD	6.169	6.852	1147324	6397308	1.045	1.063
17)	MA 4,4'-DDT	6.409	7.150	1423196	7556348	1.186	1.239
18)	B Endrin al...	6.488	7.067	1605179	8312010	1.601	1.624
19)	B Endosulfa...	6.699	7.290	2338932	7865855	1.828	1.266 #
20)	A Methoxychlor	6.956	7.609	825794	4045686	1.263	1.386
21)	B Endrin ke...	7.194	7.764	2122996	17519814	1.366	2.466 #
22)	Toxaphene-1	5.789	6.436	1758048	1327674	201.336	38.497 #
23)	Toxaphene-2	6.252	6.687	1272375	186507	128.181	4.934 #
24)	Toxaphene-3	6.320	7.194	1880851	103429	85.822	0.968 #
25)	Toxaphene-4	0.000	7.257	0	5090	N.D.	<MDL
26)	Toxaphene-5	7.099	0.000	410217	0	15.026	N.D. #

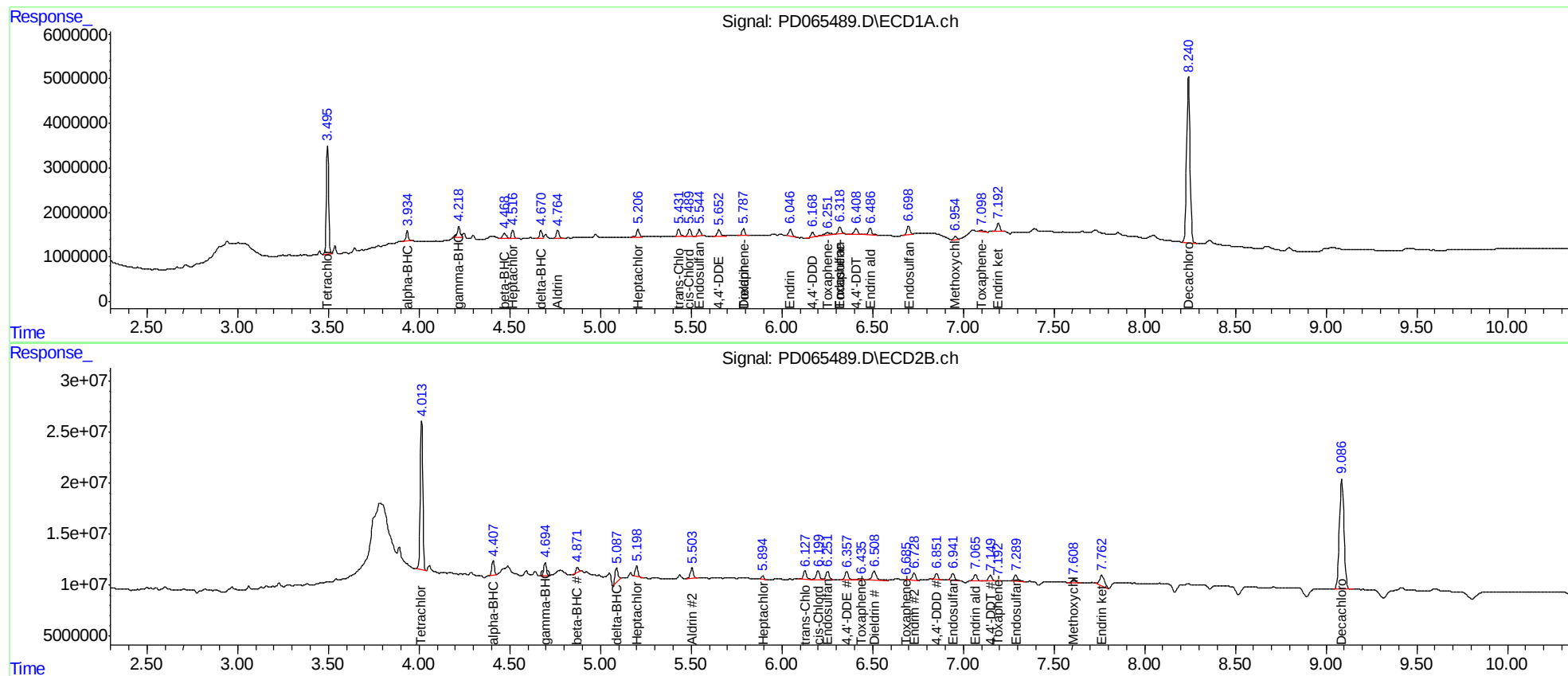
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

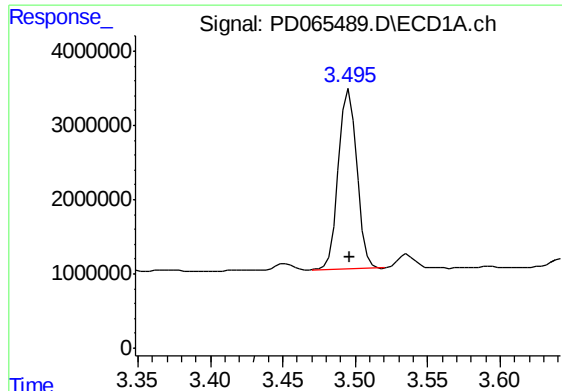
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090121\
Data File : PD065489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Aug 2021 10:15
Operator : AR\AJ
Sample : M3263-01
Misc : PEST MDL 1 PPB
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 01 08:10:35 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

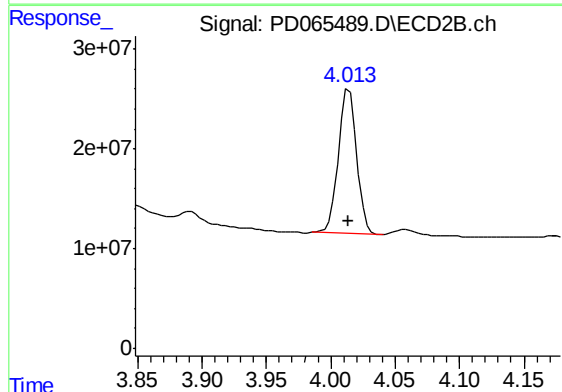




#1 Tetrachloro-m-xylene

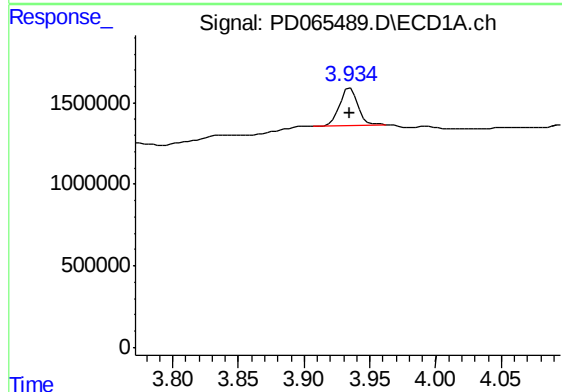
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 21198761
Conc: 18.75 ng/ml

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



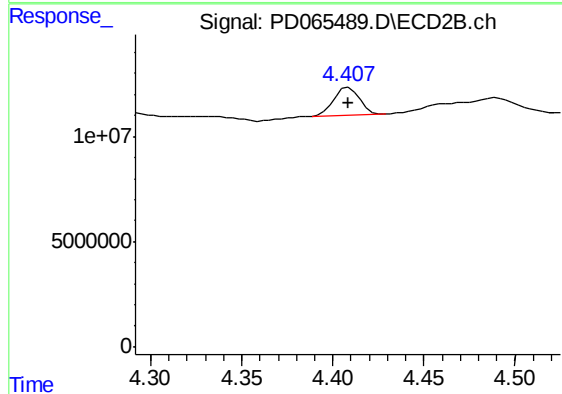
#1 Tetrachloro-m-xylene

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 144661704
Conc: 17.86 ng/ml



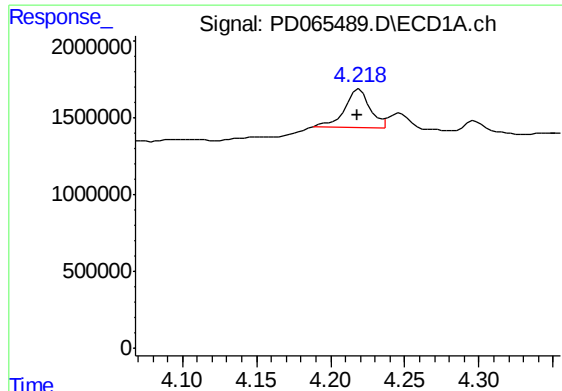
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 2160402
Conc: 1.40 ng/ml



#2 alpha-BHC

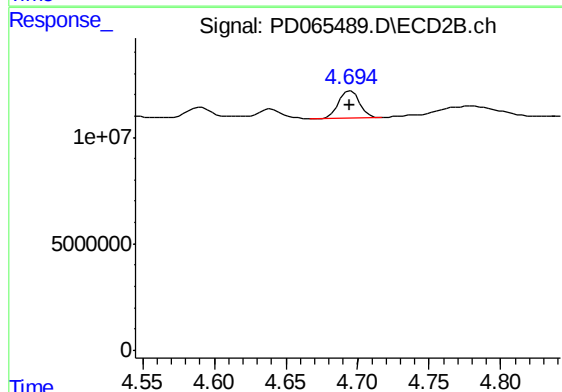
R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 13359364
Conc: 1.22 ng/ml



#3 gamma-BHC (Lindane)

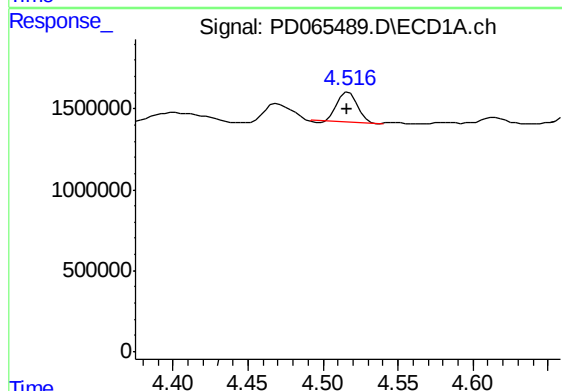
R.T.: 4.219 min
Delta R.T.: 0.001 min
Response: 2993865
Conc: 1.83 ng/ml

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



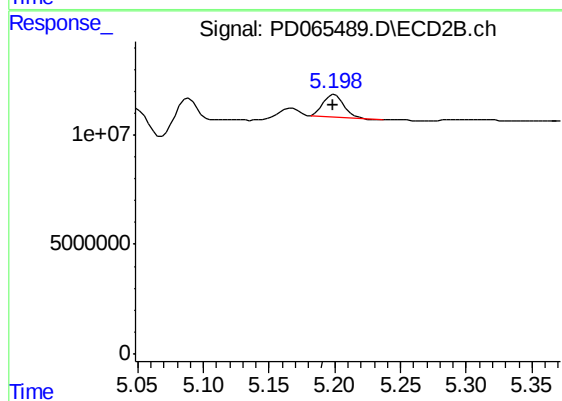
#3 gamma-BHC (Lindane)

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 12720273
Conc: 1.21 ng/ml



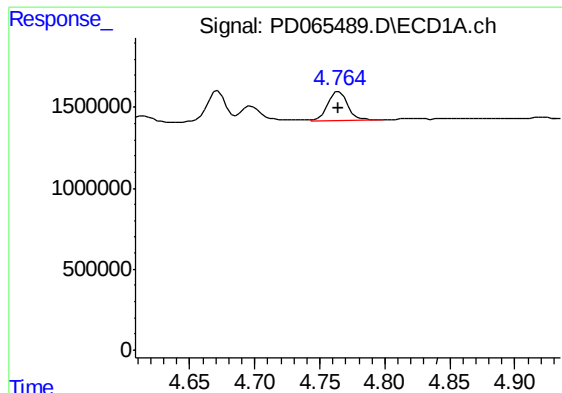
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.001 min
Response: 1701456
Conc: 1.16 ng/ml



#4 Heptachlor

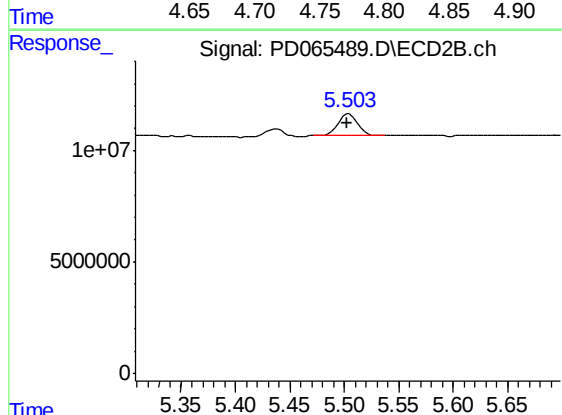
R.T.: 5.200 min
Delta R.T.: 0.001 min
Response: 11175757
Conc: 1.11 ng/ml



#5 Aldrin

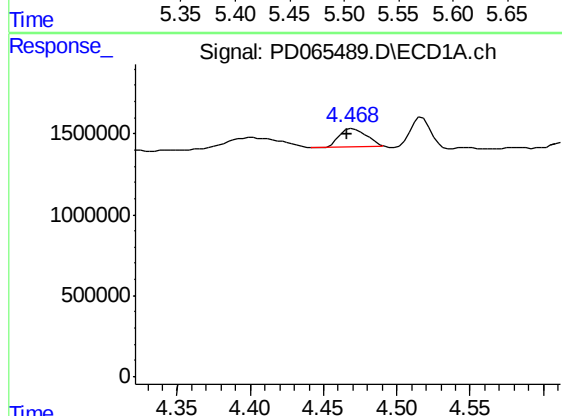
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 1876550
Conc: 1.33 ng/ml

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



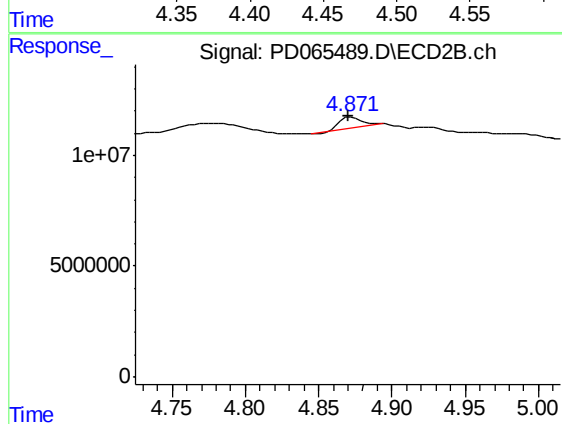
#5 Aldrin

R.T.: 5.505 min
Delta R.T.: 0.001 min
Response: 12292959
Conc: 1.28 ng/ml



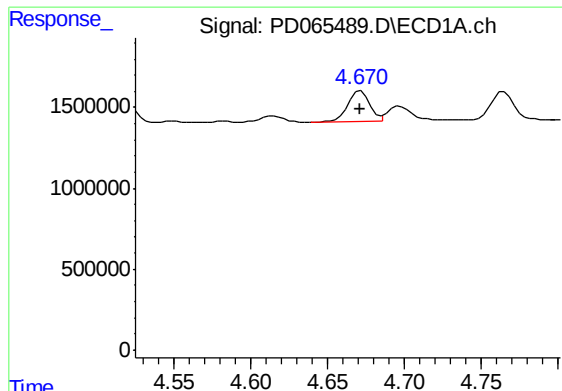
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.004 min
Response: 1382848
Conc: 1.87 ng/ml



#6 beta-BHC

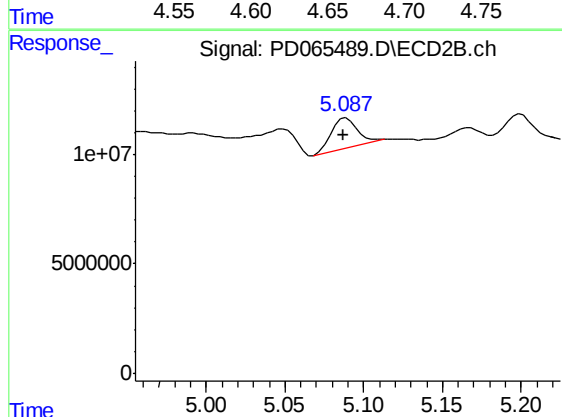
R.T.: 4.872 min
Delta R.T.: 0.002 min
Response: 5853332
Conc: 1.22 ng/ml



#7 delta-BHC

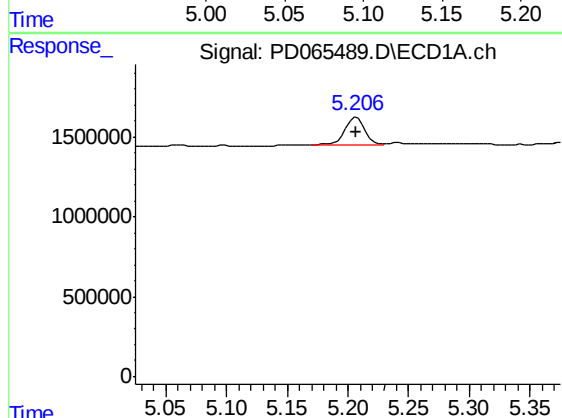
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1907676
Conc: 1.27 ng/ml

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



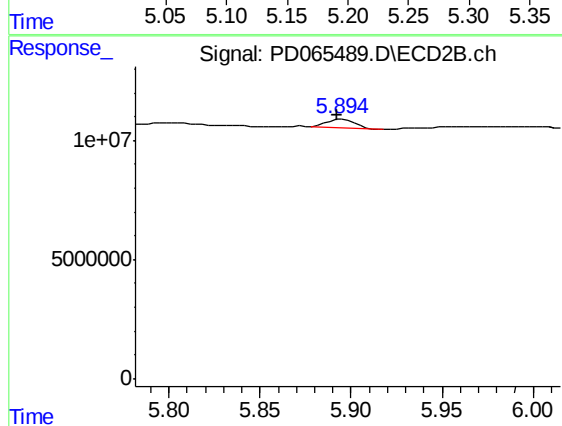
#7 delta-BHC

R.T.: 5.089 min
Delta R.T.: 0.002 min
Response: 15832176
Conc: 1.54 ng/ml



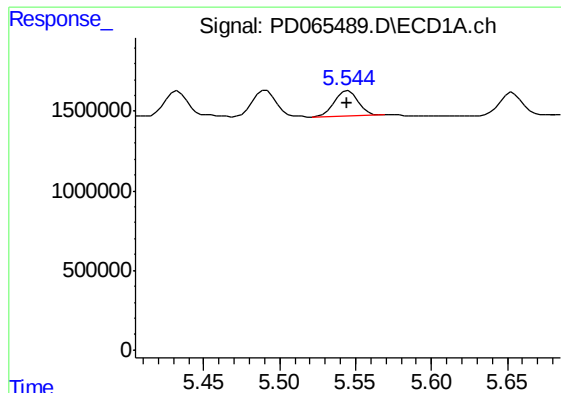
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 1926935
Conc: 1.43 ng/ml



#8 Heptachlor epoxide

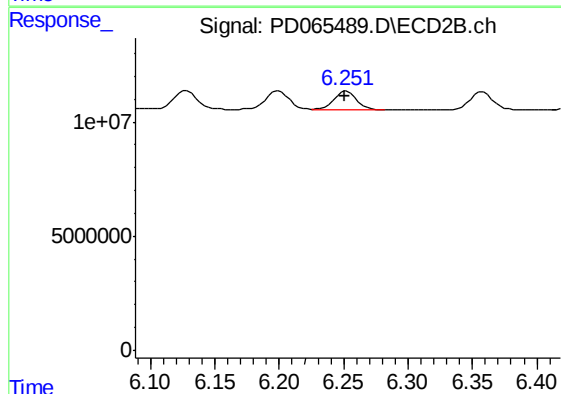
R.T.: 5.895 min
Delta R.T.: 0.003 min
Response: 3708814
Conc: 0.45 ng/ml



#9 Endosulfan I

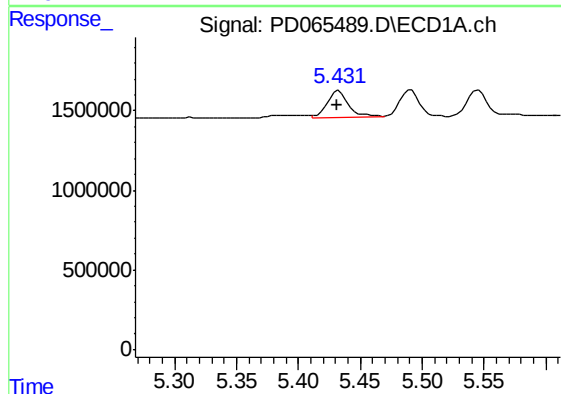
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 1692770
Conc: 1.33 ng/ml

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



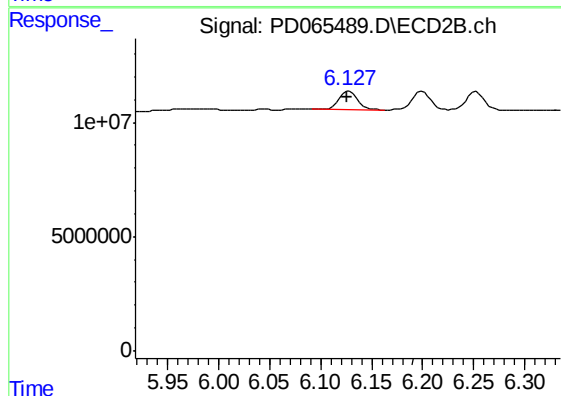
#9 Endosulfan I

R.T.: 6.253 min
Delta R.T.: 0.002 min
Response: 9684449
Conc: 1.31 ng/ml



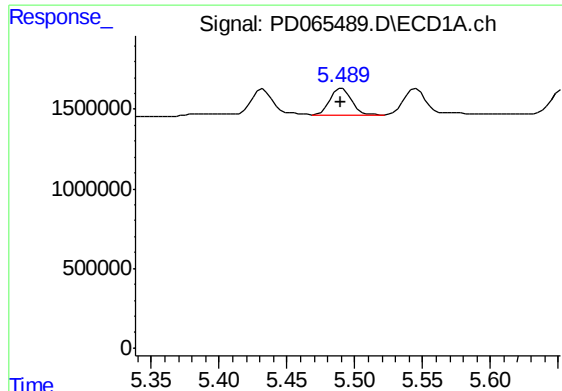
#10 trans-Chlordane

R.T.: 5.433 min
Delta R.T.: 0.001 min
Response: 2005750
Conc: 1.46 ng/ml



#10 trans-Chlordane

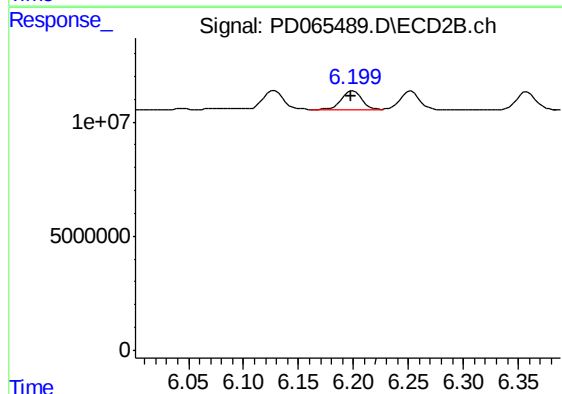
R.T.: 6.128 min
Delta R.T.: 0.002 min
Response: 9848714
Conc: 1.21 ng/ml



#11 cis-Chlordane

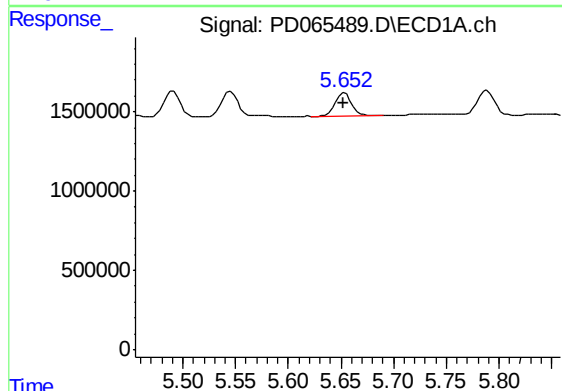
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 1850173
Conc: 1.36 ng/ml

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



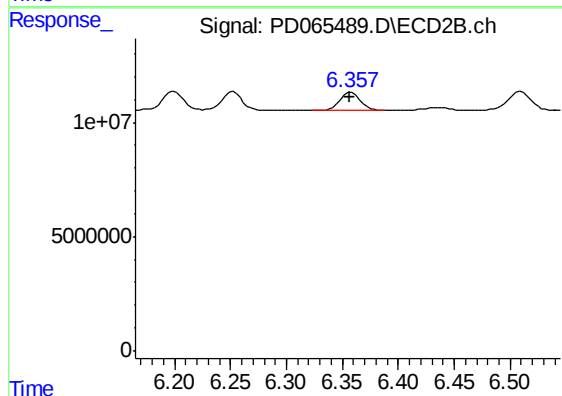
#11 cis-Chlordane

R.T.: 6.200 min
Delta R.T.: 0.002 min
Response: 10287472
Conc: 1.30 ng/ml



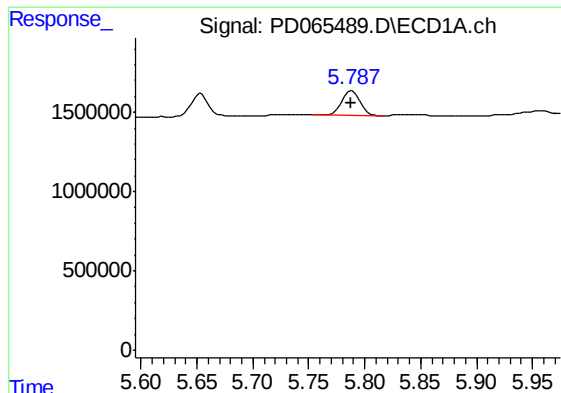
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: 0.001 min
Response: 1560049
Conc: 1.25 ng/ml



#12 4,4'-DDE

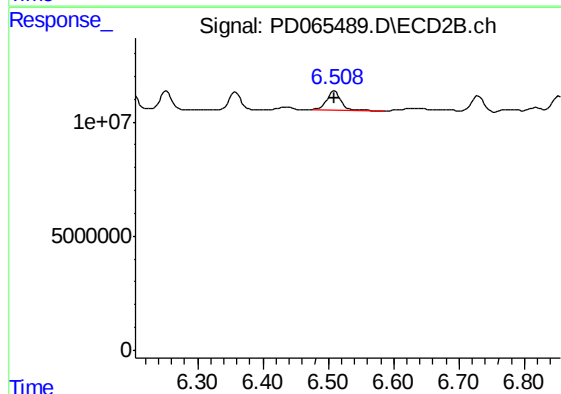
R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 9447102
Conc: 1.28 ng/ml



#13 Dieldrin

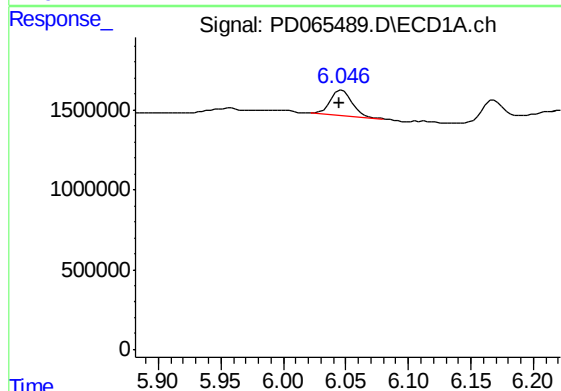
R.T.: 5.789 min
Delta R.T.: 0.001 min
Response: 1758048
Conc: 1.31 ng/ml

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



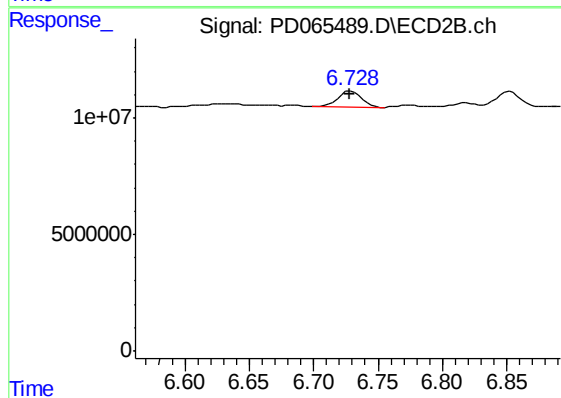
#13 Dieldrin

R.T.: 6.510 min
Delta R.T.: 0.001 min
Response: 13205284
Conc: 1.73 ng/ml



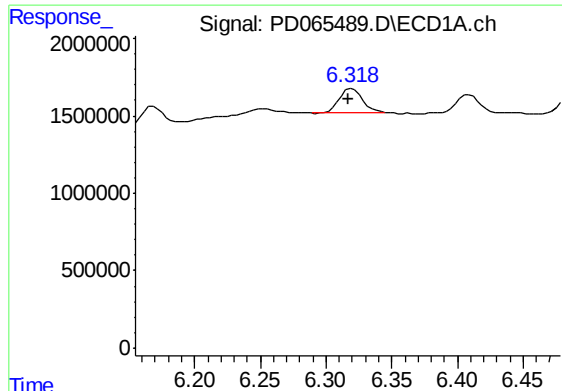
#14 Endrin

R.T.: 6.047 min
Delta R.T.: 0.002 min
Response: 1841201
Conc: 1.51 ng/ml



#14 Endrin

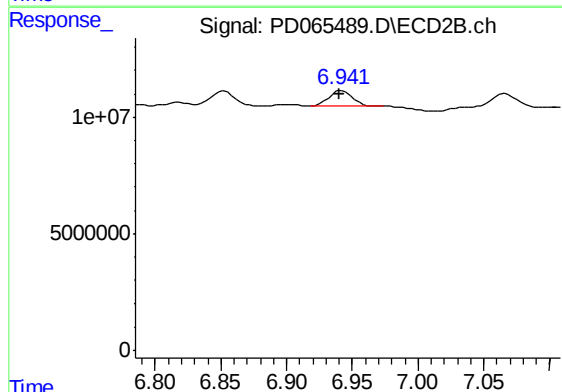
R.T.: 6.729 min
Delta R.T.: 0.002 min
Response: 8722644
Conc: 1.38 ng/ml



#15 Endosulfan II

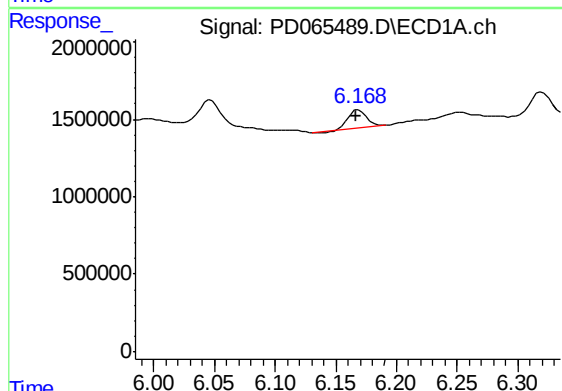
R.T.: 6.320 min
Delta R.T.: 0.002 min
Response: 1880851
Conc: 1.49 ng/ml

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



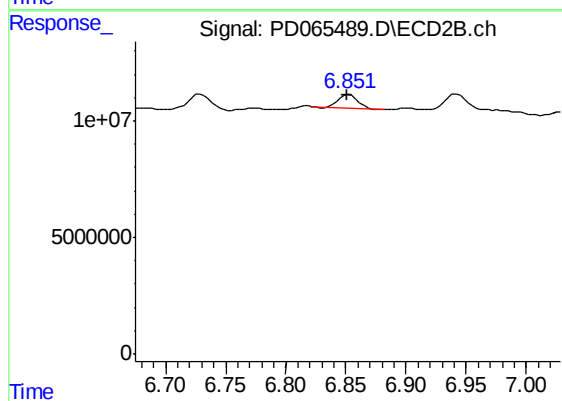
#15 Endosulfan II

R.T.: 6.942 min
Delta R.T.: 0.002 min
Response: 8343156
Conc: 1.29 ng/ml



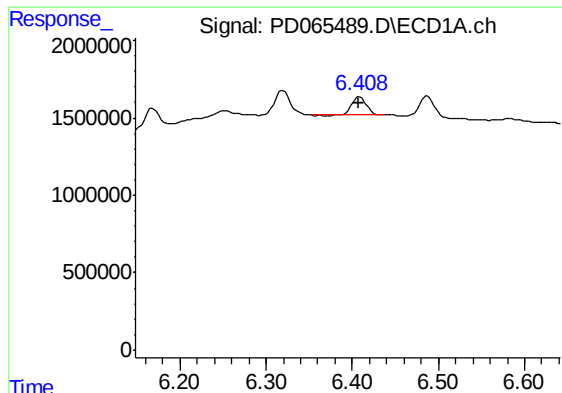
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.002 min
Response: 1147324
Conc: 1.05 ng/ml



#16 4,4'-DDD

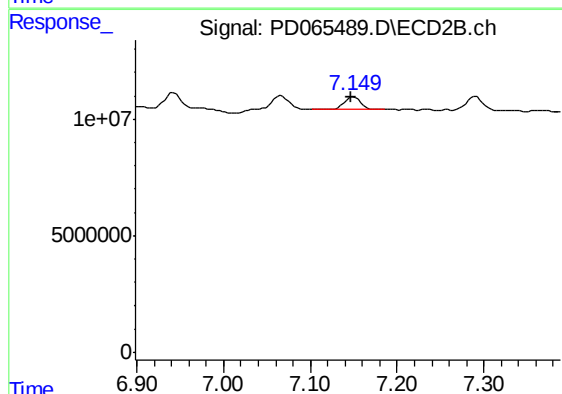
R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 6397308
Conc: 1.06 ng/ml



#17 4,4'-DDT

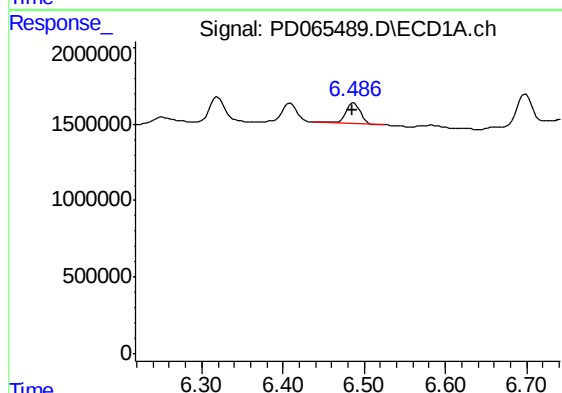
R.T.: 6.409 min
Delta R.T.: 0.001 min
Response: 1423196
Conc: 1.19 ng/ml

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



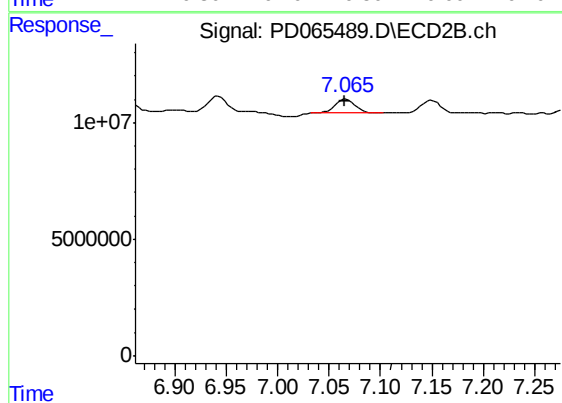
#17 4,4'-DDT

R.T.: 7.150 min
Delta R.T.: 0.002 min
Response: 7556348
Conc: 1.24 ng/ml



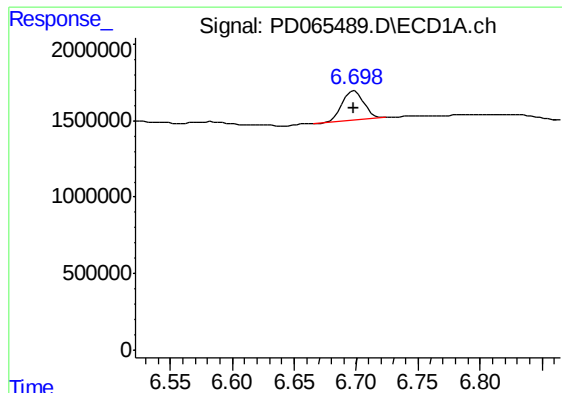
#18 Endrin aldehyde

R.T.: 6.488 min
Delta R.T.: 0.001 min
Response: 1605179
Conc: 1.60 ng/ml



#18 Endrin aldehyde

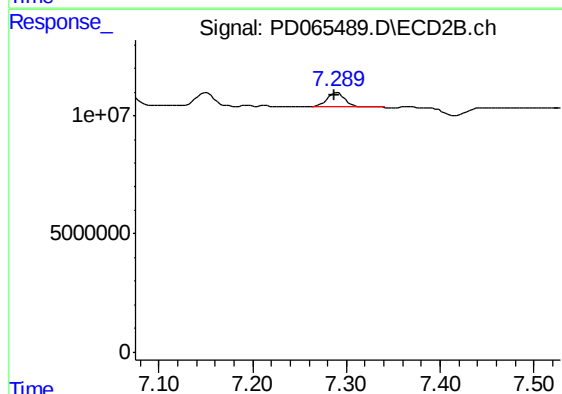
R.T.: 7.067 min
Delta R.T.: 0.002 min
Response: 8312010
Conc: 1.62 ng/ml



#19 Endosulfan Sulfate

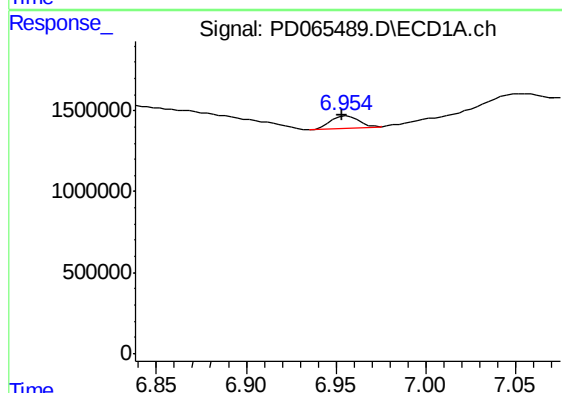
R.T.: 6.699 min
Delta R.T.: 0.001 min
Response: 2338932
Conc: 1.83 ng/ml

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



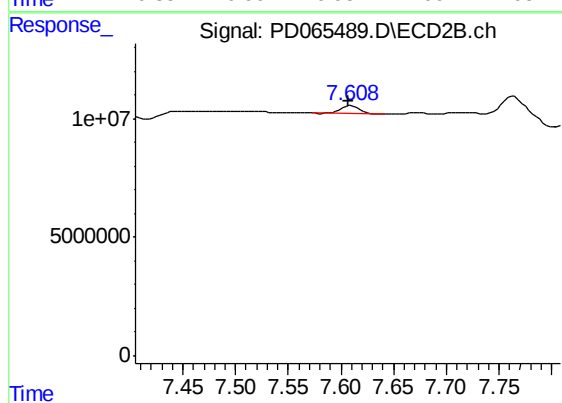
#19 Endosulfan Sulfate

R.T.: 7.290 min
Delta R.T.: 0.002 min
Response: 7865855
Conc: 1.27 ng/ml



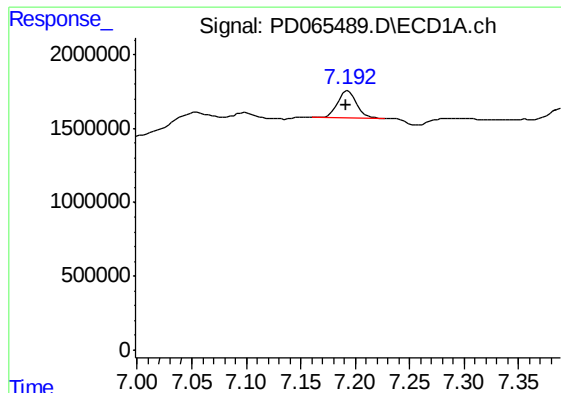
#20 Methoxychlor

R.T.: 6.956 min
Delta R.T.: 0.002 min
Response: 825794
Conc: 1.26 ng/ml



#20 Methoxychlor

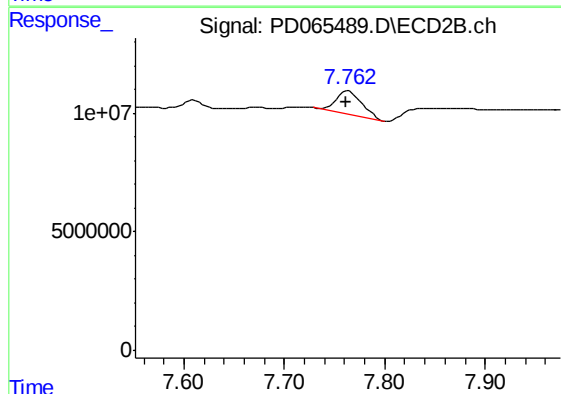
R.T.: 7.609 min
Delta R.T.: 0.002 min
Response: 4045686
Conc: 1.39 ng/ml



#21 Endrin ketone

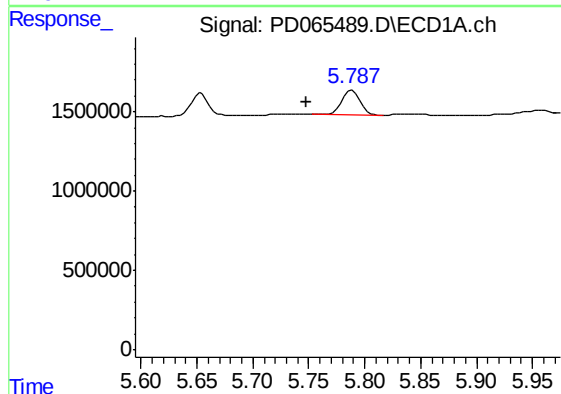
R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 2122996
Conc: 1.37 ng/ml

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



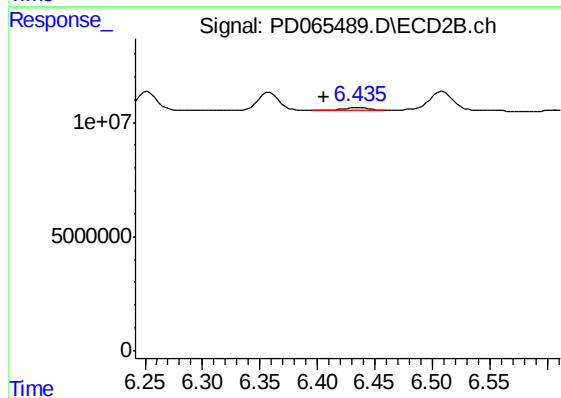
#21 Endrin ketone

R.T.: 7.764 min
Delta R.T.: 0.003 min
Response: 17519814
Conc: 2.47 ng/ml



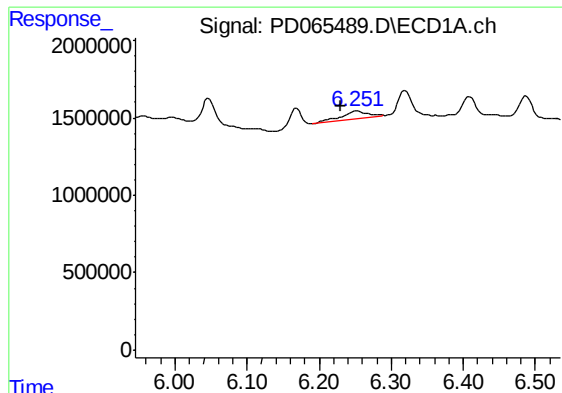
#22 Toxaphene-1

R.T.: 5.789 min
Delta R.T.: 0.041 min
Response: 1758048
Conc: 201.34 ng/ml



#22 Toxaphene-1

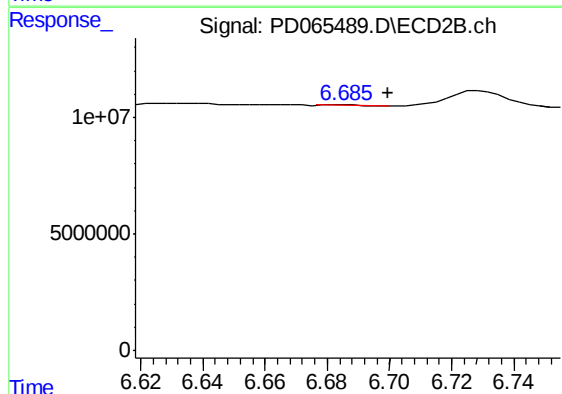
R.T.: 6.436 min
Delta R.T.: 0.030 min
Response: 1327674
Conc: 38.50 ng/ml



#23 Toxaphene-2

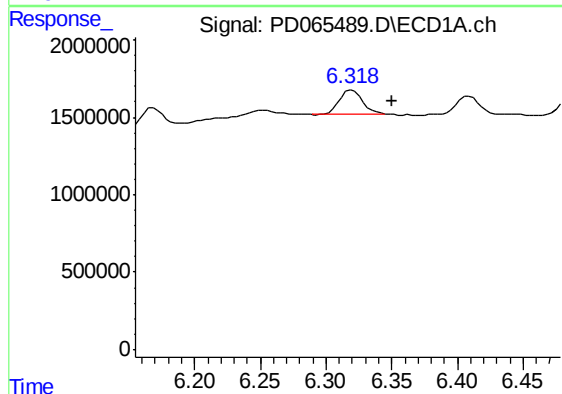
R.T.: 6.252 min
Delta R.T.: 0.022 min
Response: 1272375
Conc: 128.18 ng/ml

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



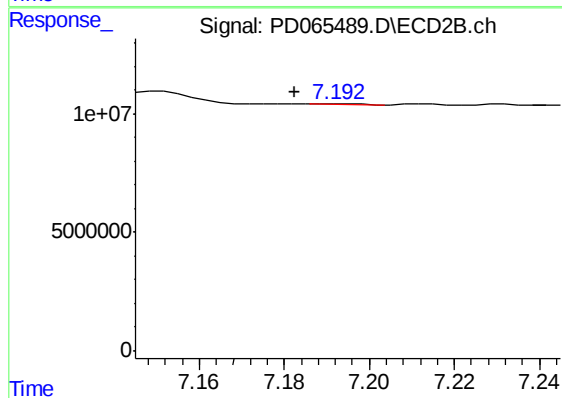
#23 Toxaphene-2

R.T.: 6.687 min
Delta R.T.: -0.013 min
Response: 186507
Conc: 4.93 ng/ml



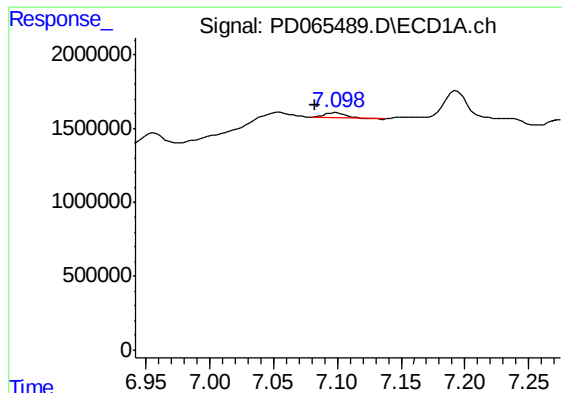
#24 Toxaphene-3

R.T.: 6.320 min
Delta R.T.: -0.031 min
Response: 1880851
Conc: 85.82 ng/ml



#24 Toxaphene-3

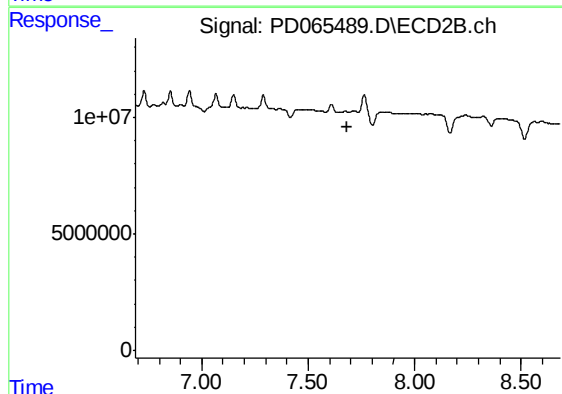
R.T.: 7.194 min
Delta R.T.: 0.011 min
Response: 103429
Conc: 0.97 ng/ml



#26 Toxaphene-5

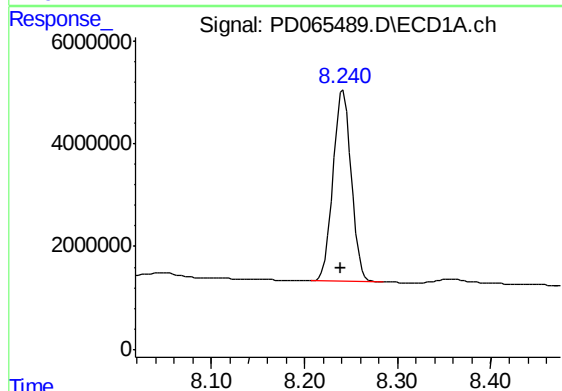
R.T.: 7.099 min
Delta R.T.: 0.017 min
Response: 410217
Conc: 15.03 ng/ml

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



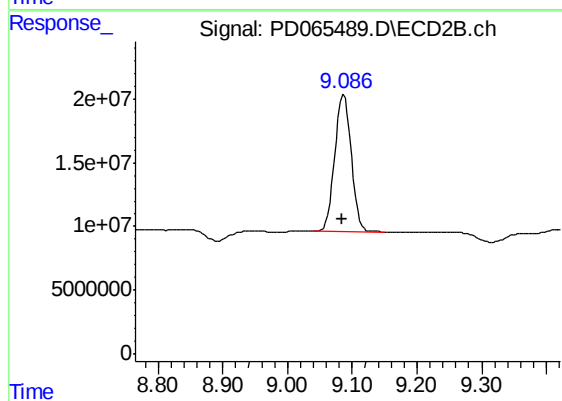
#26 Toxaphene-5

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



#27 Decachlorobiphenyl

R.T.: 8.242 min
Delta R.T.: 0.003 min
Response: 50530884
Conc: 34.98 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.003 min
Response: 188906230
Conc: 36.53 ng/ml