

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082021\
 Data File : PD065086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2021 02:00
 Operator : AR\AJ
 Sample : M2940-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 00:18:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.496	4.013	19553358	151.3E6	19.023	19.100
28)	SA Decachlor...	8.241	9.083	24009643	92981533	21.190	19.647
Target Compounds							
2)	A alpha-BHC	3.935	4.408	1649959	13856999	1.153	1.193
3)	MA gamma-BHC...	4.218	4.694	2308954	12645939	1.683	1.194 #
4)	MA Heptachlor	4.517	5.198	1591603	29272497	1.222	2.920 #
5)	MB Aldrin	4.765	5.503	1361438	12124237	1.135	1.342
7)	B delta-BHC	4.671	5.087	1269837	18918823	0.960	1.948 #
8)	B Heptachlo...	5.207	5.893	1327152	5554011	1.168	0.744 #
9)	A Endosulfan I	5.545	6.251	1244862	9264568	1.167	1.316
10)	B gamma-Chl...	5.432	6.127	1314904	13559655	1.163	1.773 #
11)	B alpha-Chl...	5.491	6.199	1328289	10198081	1.186	1.370
12)	B 4,4'-DDE	5.653	6.357	1127714	8089757	1.070	1.127
13)	MA Dieldrin	5.789	6.509	1264232	8085733	1.127	1.114
14)	MA Endrin	6.047	6.728	1405843	9498519	1.340	1.543
15)	B Endosulfa...	6.318	6.942	1359732	6681753	1.360	1.139
16)	A 4,4'-DDD	6.169	6.851	845595	6474092	0.894	1.101
17)	MA 4,4'-DDT	6.409	7.149	969143	6158886	0.975	1.027
18)	B Endrin al...	6.487	7.065	992605	5512234	1.200	1.182
19)	B Endosulfa...	6.698	7.288	1186934	6265990	1.118	1.093
20)	A Methoxychlor	6.956	7.608	498935	3359051	0.846	1.110 #
21)	B Endrin ke...	7.193	7.762	1423954	7980718	1.117	1.228
22)	Mirex	7.383	8.211	3030151	5404121	2.972	1.214 #
24)	Chlordane-2	0.000	5.503f	0	12124237	N.D.	38.757 #
25)	Chlordane-3	5.432	6.127	1314904	13559655	11.914	13.116
26)	Chlordane-4	5.491	6.199	1328289	10198081	14.469	8.482 #
27)	Chlordane-5	6.318	0.000	1359732	0	30.224	N.D. #

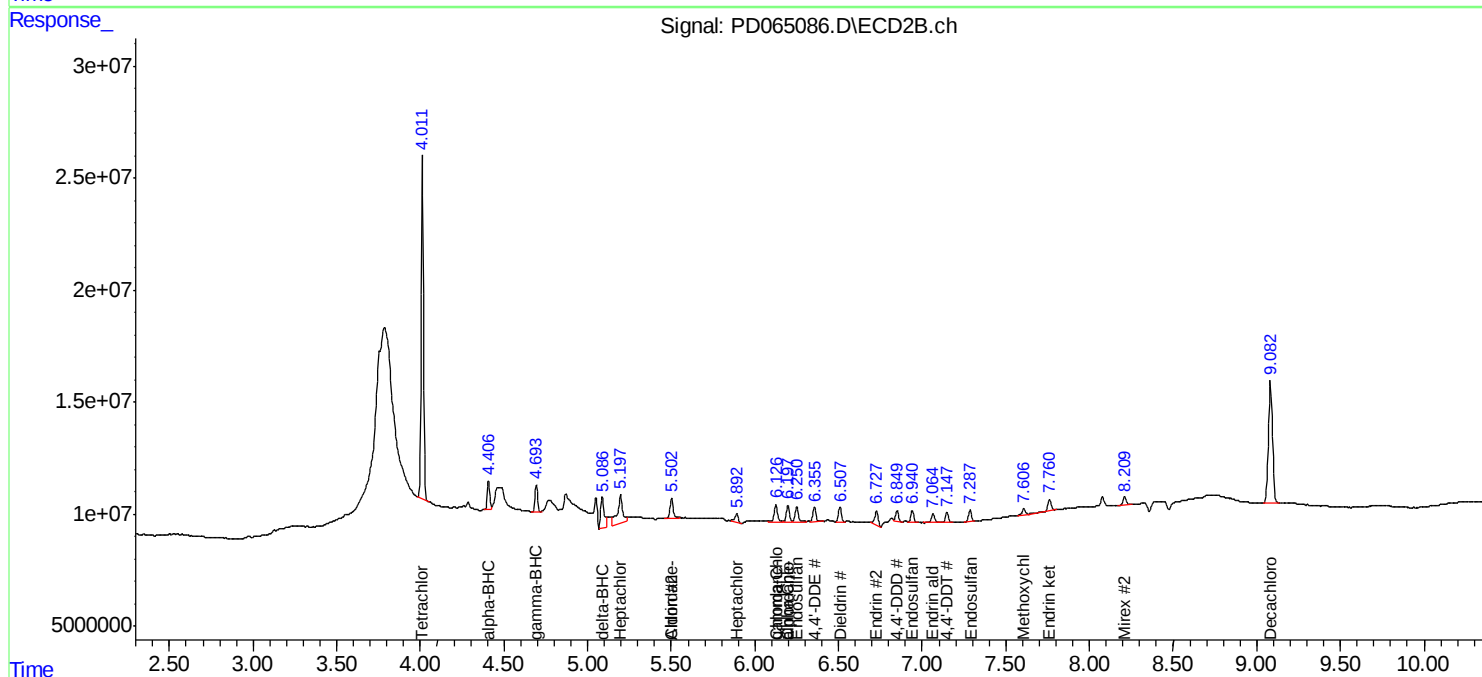
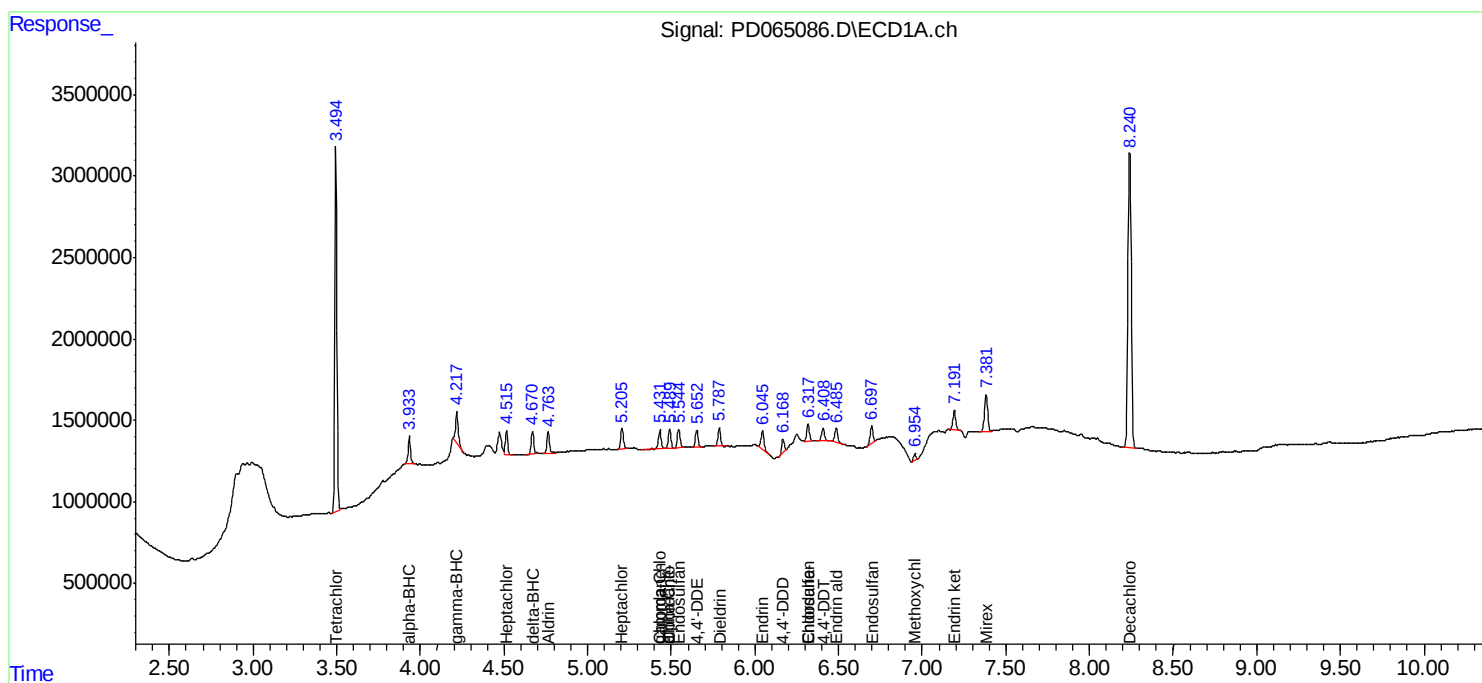
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

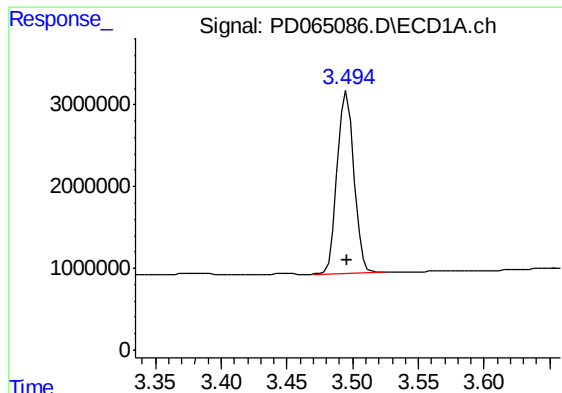
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082021\
Data File : PD065086.D
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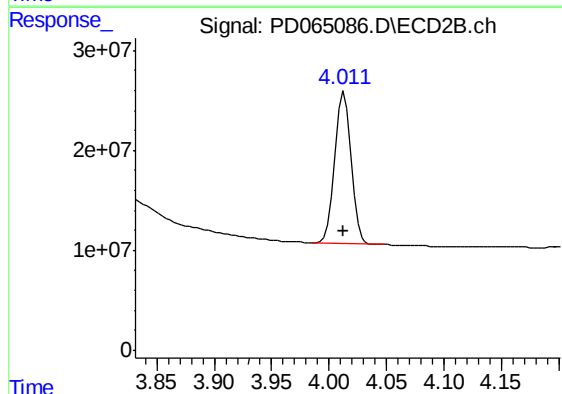




#1 Tetrachloro-m-xylene

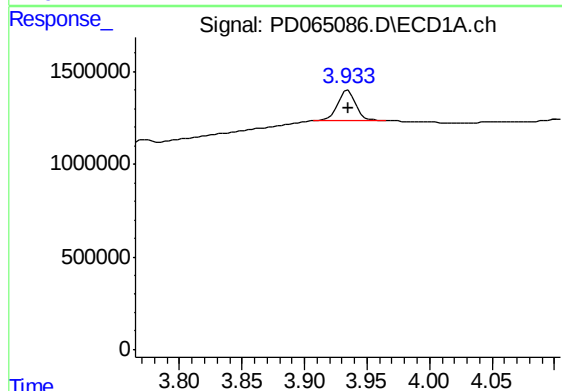
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 19553358
Conc: 19.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



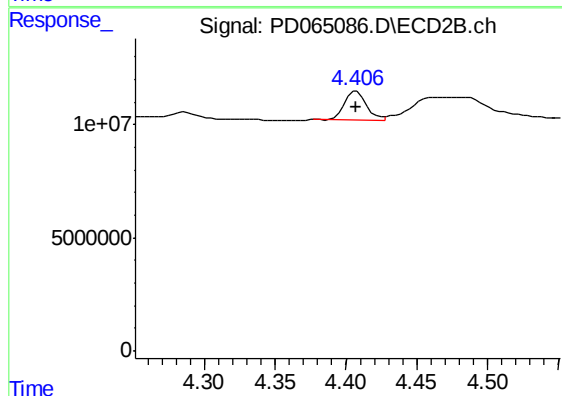
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 151285277
Conc: 19.10 ng/ml



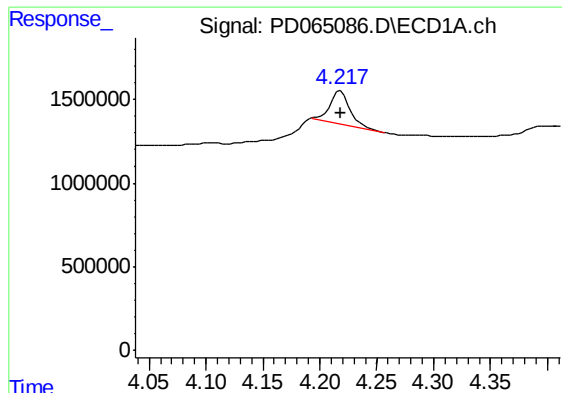
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 1649959
Conc: 1.15 ng/ml



#2 alpha-BHC

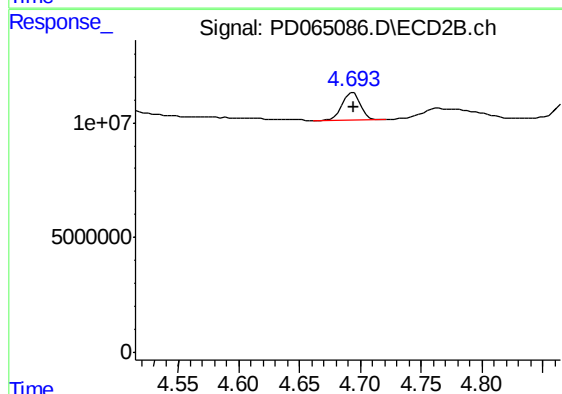
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 13856999
Conc: 1.19 ng/ml



#3 gamma-BHC (Lindane)

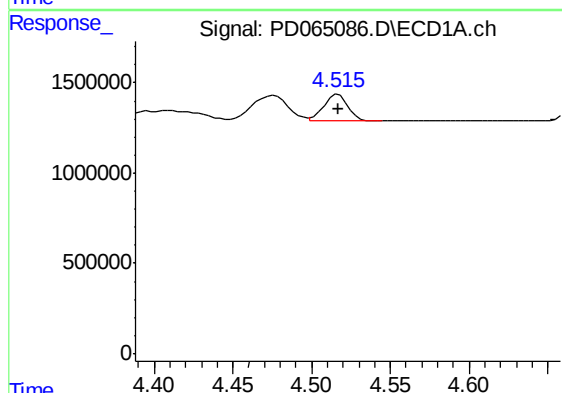
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 2308954
Conc: 1.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



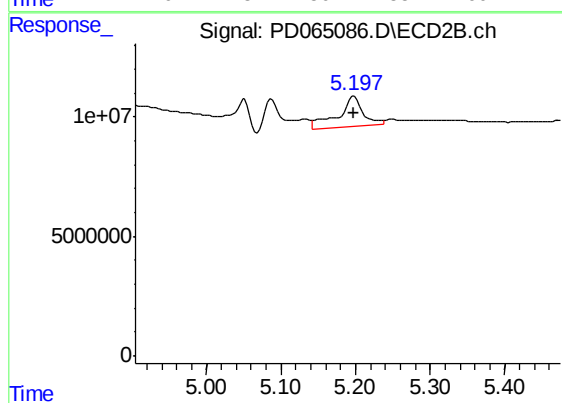
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 12645939
Conc: 1.19 ng/ml



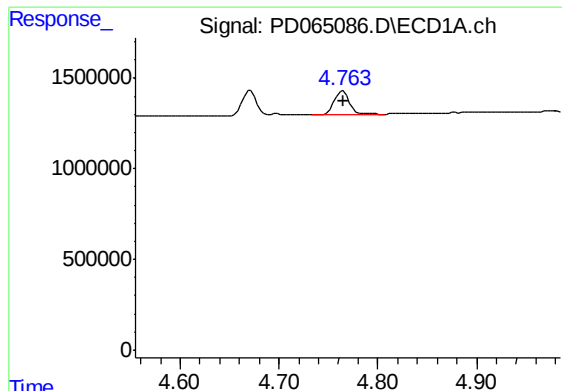
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 1591603
Conc: 1.22 ng/ml



#4 Heptachlor

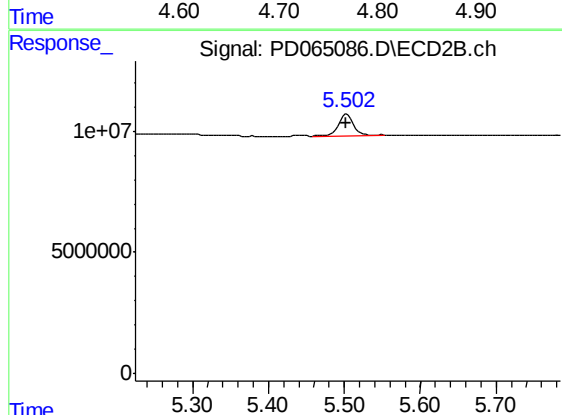
R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 29272497
Conc: 2.92 ng/ml



#5 Aldrin

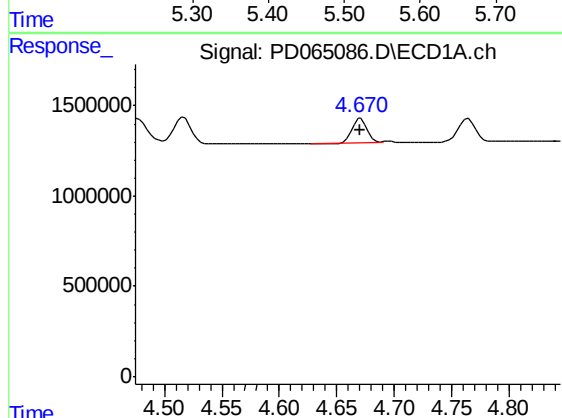
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 1361438
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



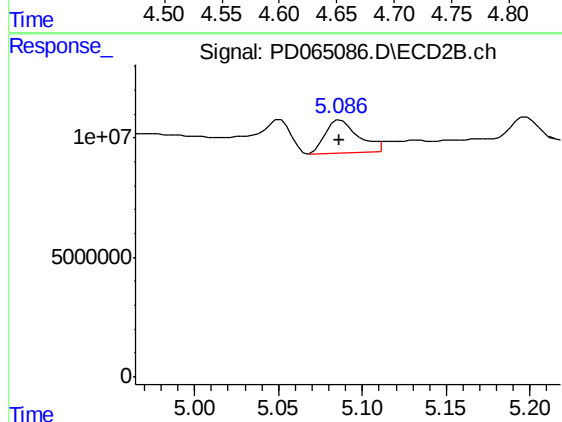
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.002 min
Response: 12124237
Conc: 1.34 ng/ml



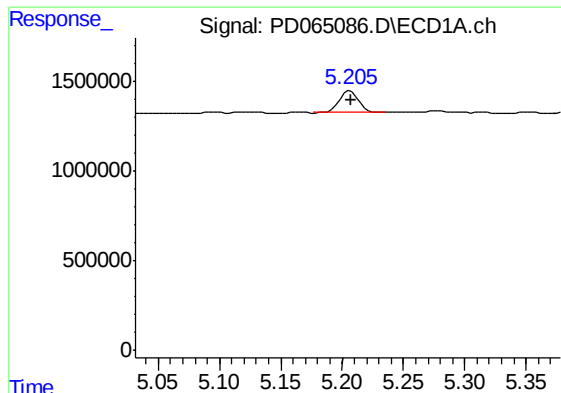
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.001 min
Response: 1269837
Conc: 0.96 ng/ml



#7 delta-BHC

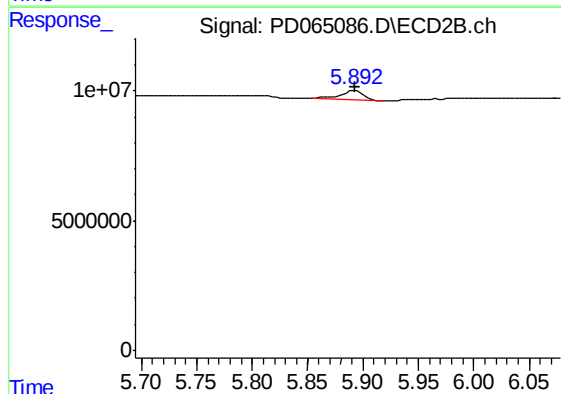
R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 18918823
Conc: 1.95 ng/ml



#8 Heptachlor epoxide

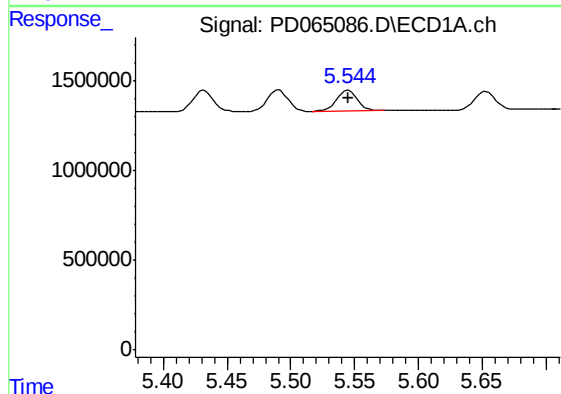
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 1327152
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



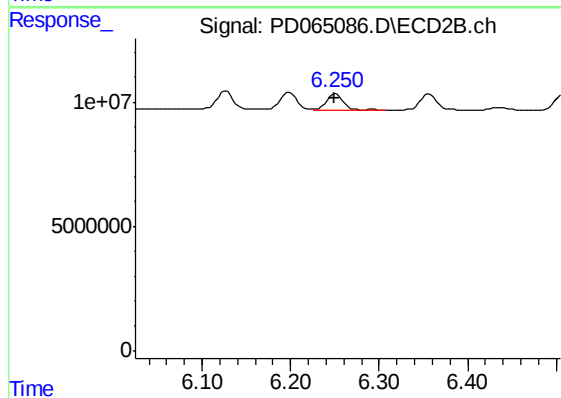
#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 5554011
Conc: 0.74 ng/ml



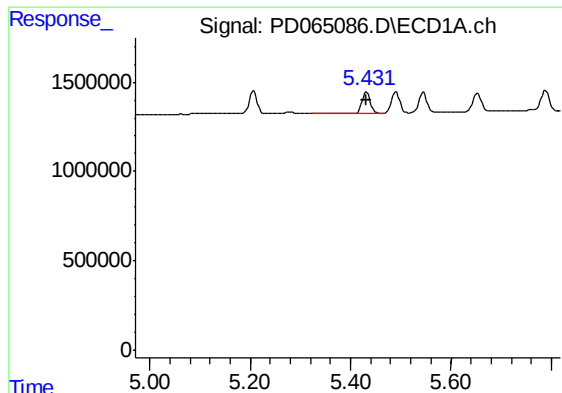
#9 Endosulfan I

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 1244862
Conc: 1.17 ng/ml



#9 Endosulfan I

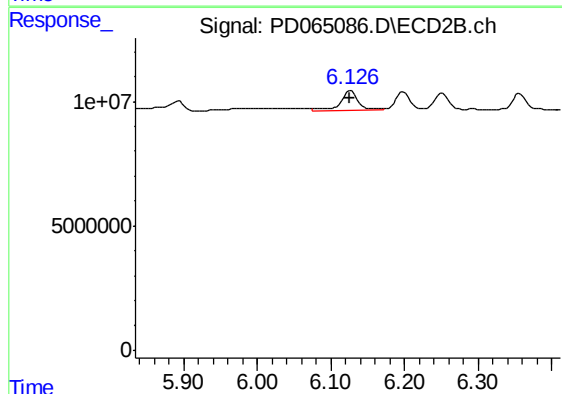
R.T.: 6.251 min
Delta R.T.: 0.001 min
Response: 9264568
Conc: 1.32 ng/ml



#10 gamma-Chlordane

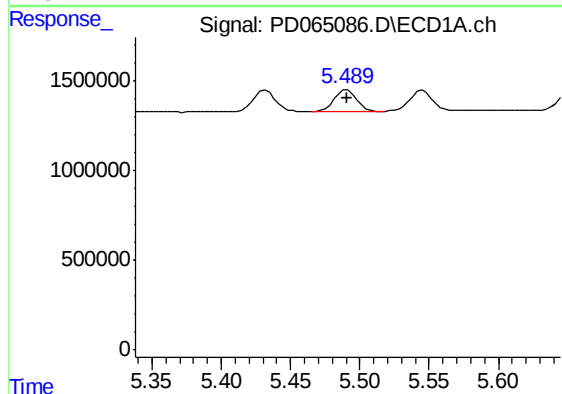
R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 1314904
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



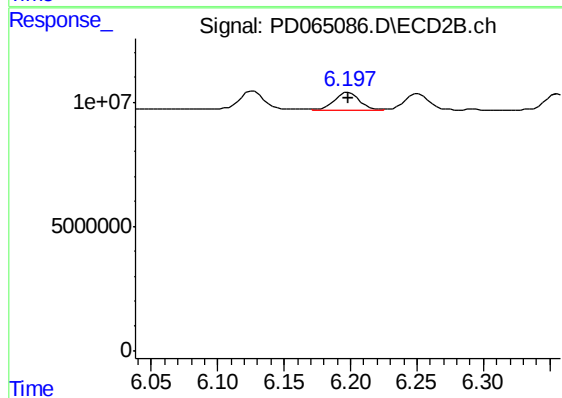
#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 13559655
Conc: 1.77 ng/ml



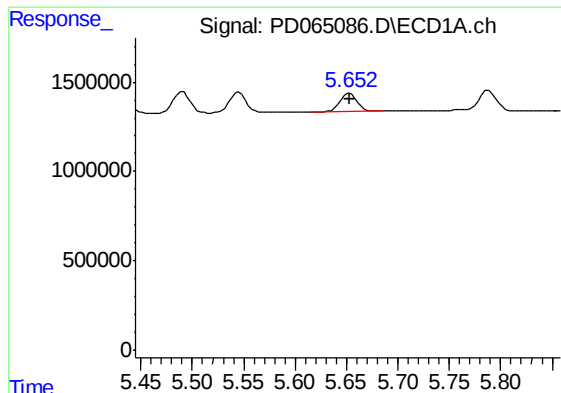
#11 alpha-Chlordane

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 1328289
Conc: 1.19 ng/ml



#11 alpha-Chlordane

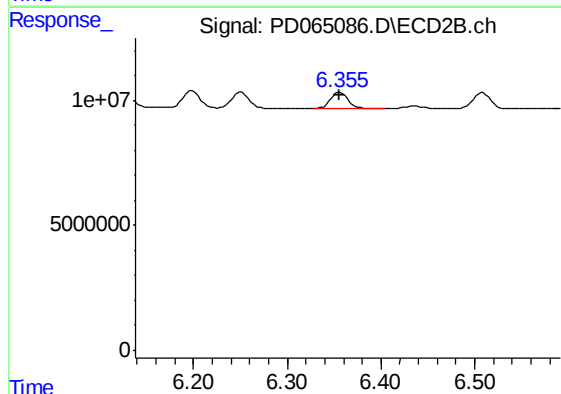
R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 10198081
Conc: 1.37 ng/ml



#12 4,4'-DDE

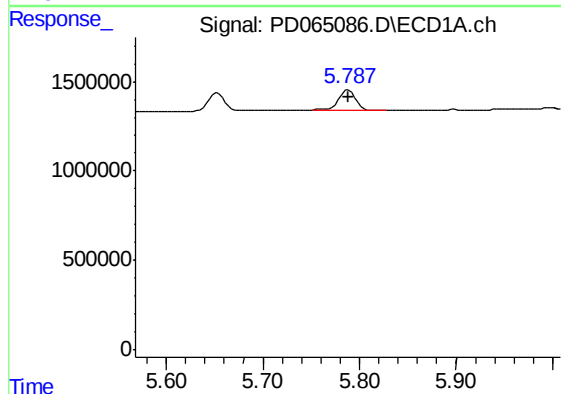
R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 1127714
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



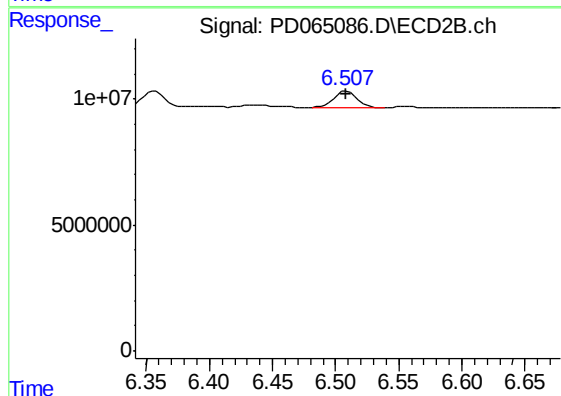
#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 8089757
Conc: 1.13 ng/ml



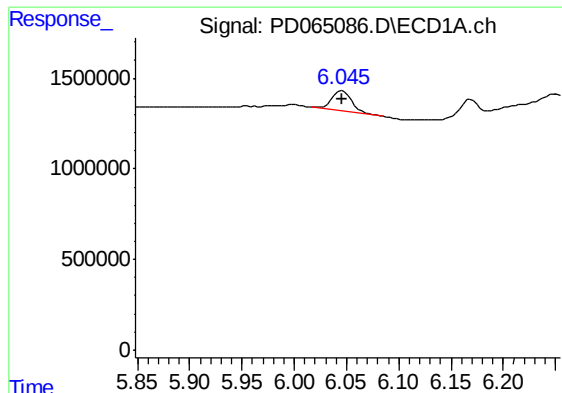
#13 Dieldrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1264232
Conc: 1.13 ng/ml



#13 Dieldrin

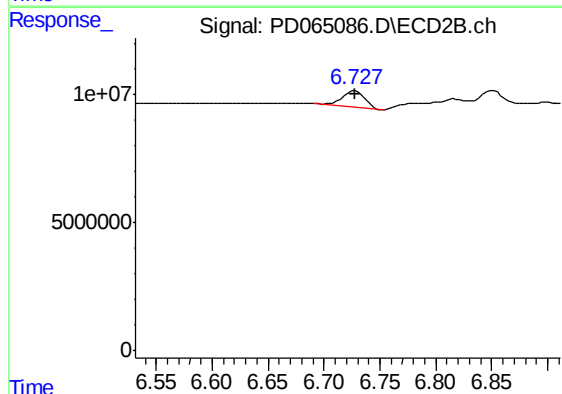
R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 8085733
Conc: 1.11 ng/ml



#14 Endrin

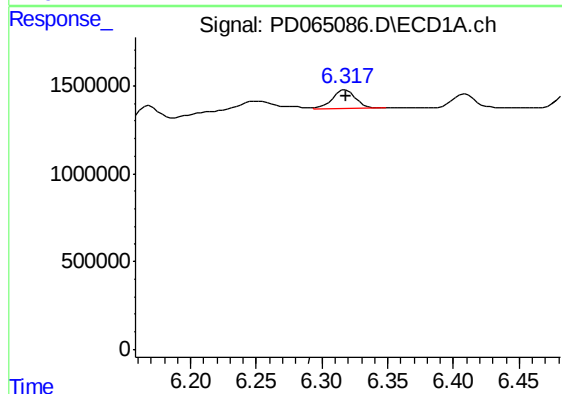
R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 1405843
Conc: 1.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



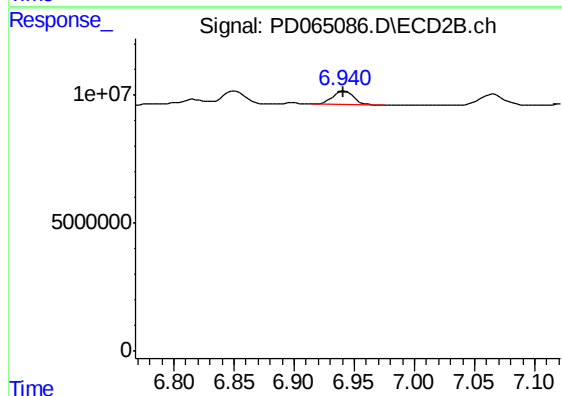
#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 9498519
Conc: 1.54 ng/ml



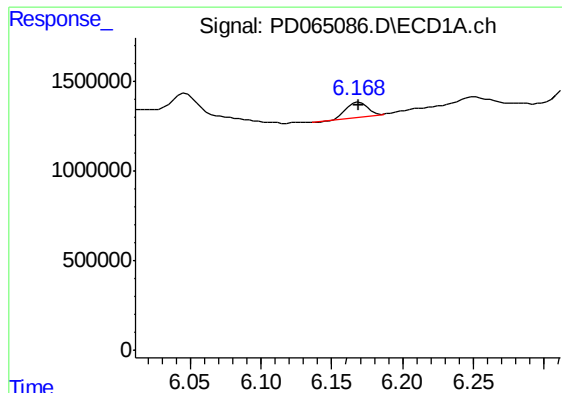
#15 Endosulfan II

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 1359732
Conc: 1.36 ng/ml



#15 Endosulfan II

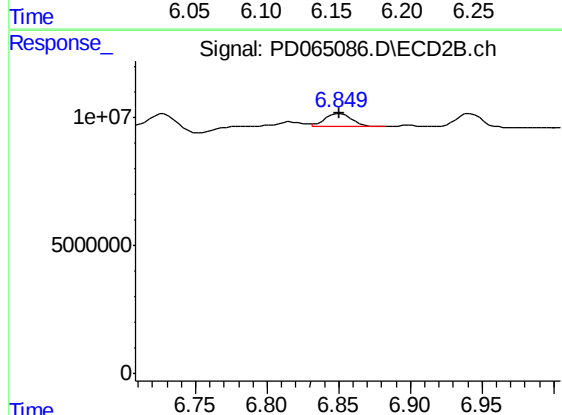
R.T.: 6.942 min
Delta R.T.: 0.001 min
Response: 6681753
Conc: 1.14 ng/ml



#16 4,4'-DDD

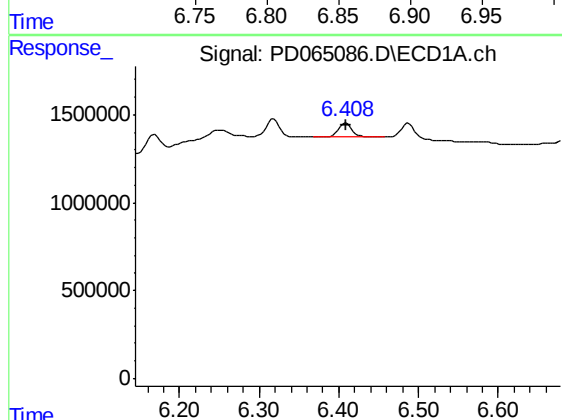
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 845595
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



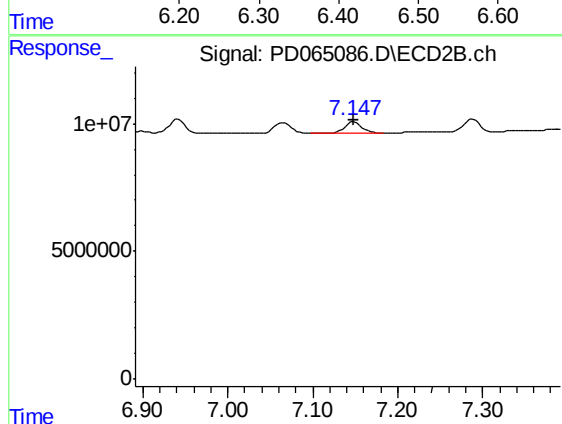
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 6474092
Conc: 1.10 ng/ml



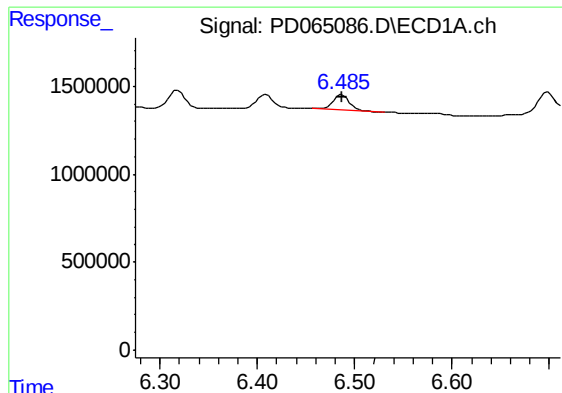
#17 4,4'-DDT

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 969143
Conc: 0.97 ng/ml



#17 4,4'-DDT

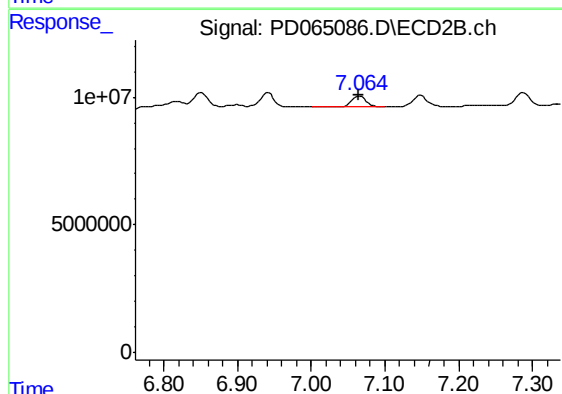
R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 6158886
Conc: 1.03 ng/ml



#18 Endrin aldehyde

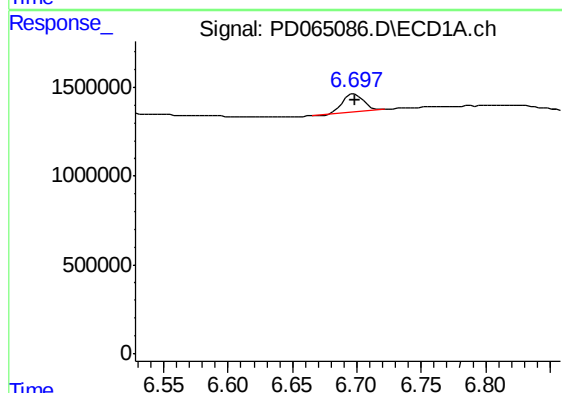
R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 992605
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



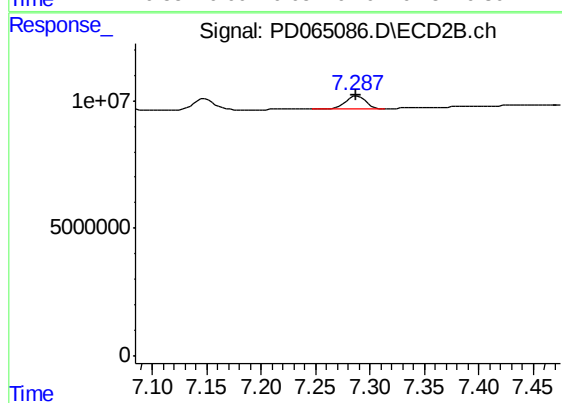
#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 5512234
Conc: 1.18 ng/ml



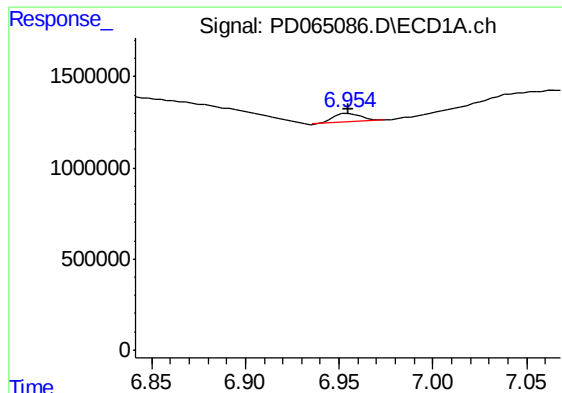
#19 Endosulfan Sulfate

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 1186934
Conc: 1.12 ng/ml



#19 Endosulfan Sulfate

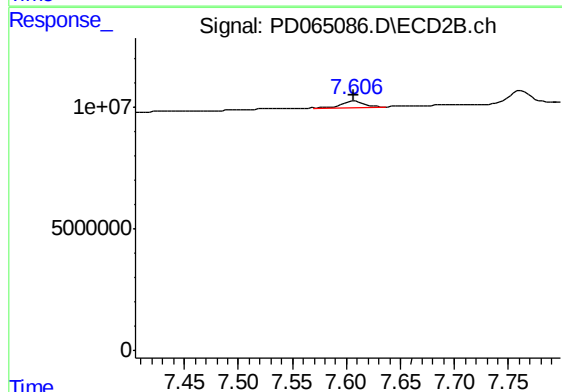
R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 6265990
Conc: 1.09 ng/ml



#20 Methoxychlor

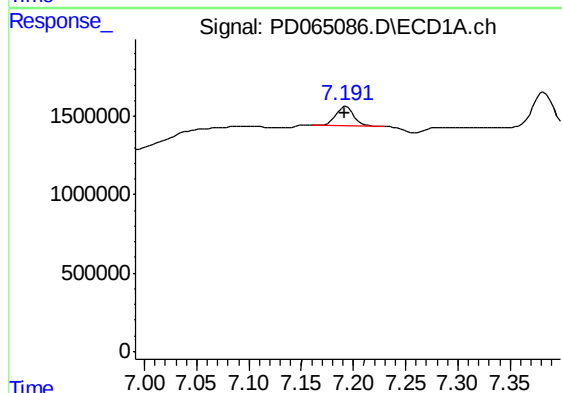
R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 498935
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



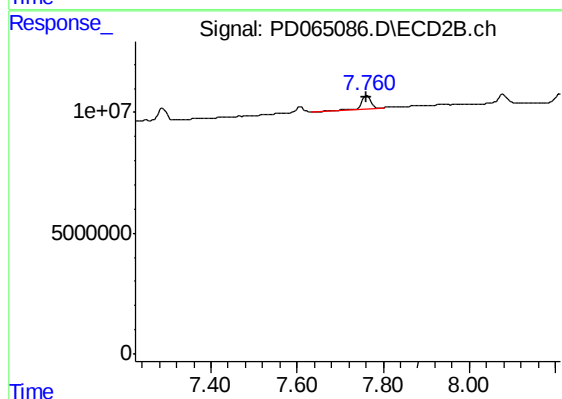
#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 3359051
Conc: 1.11 ng/ml



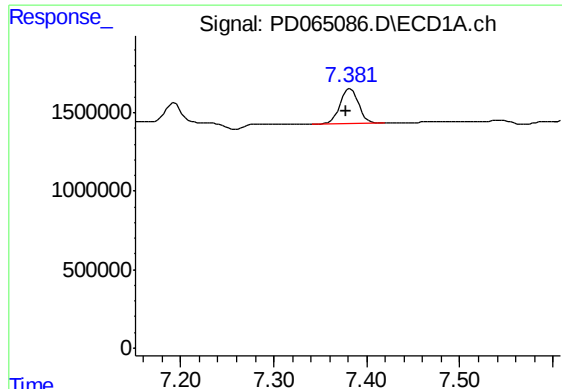
#21 Endrin ketone

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 1423954
Conc: 1.12 ng/ml



#21 Endrin ketone

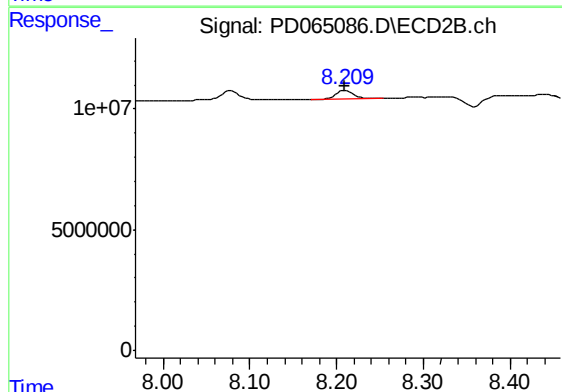
R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 7980718
Conc: 1.23 ng/ml



#22 Mirex

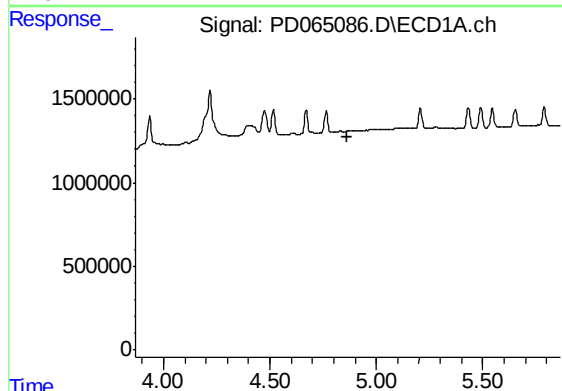
R.T.: 7.383 min
Delta R.T.: 0.004 min
Response: 3030151
Conc: 2.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



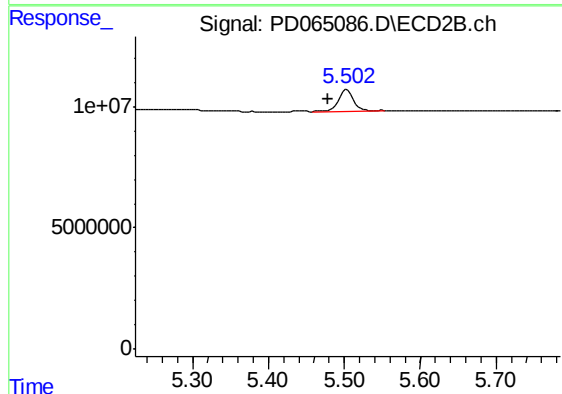
#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 5404121
Conc: 1.21 ng/ml



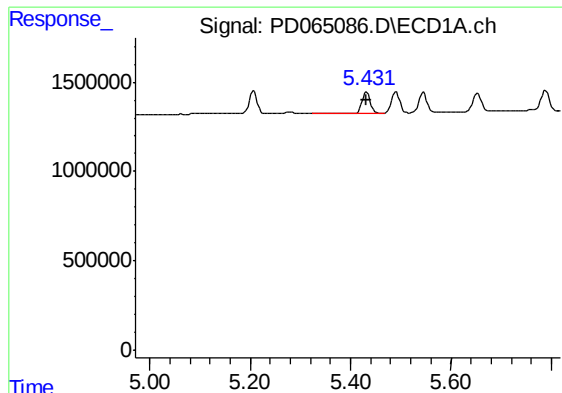
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.866 min
Response: 0
Conc: N.D.



#24 Chlordane-2

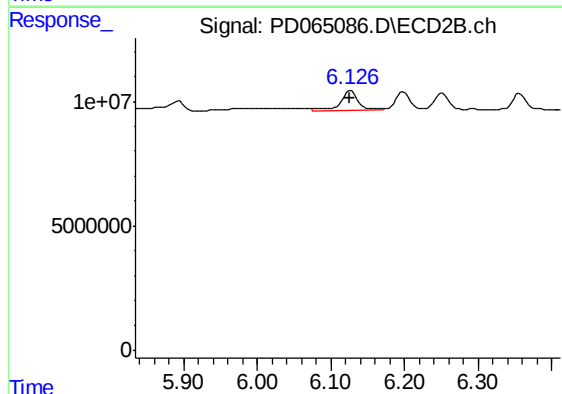
R.T.: 5.503 min
Delta R.T.: 0.025 min
Response: 12124237
Conc: 38.76 ng/ml



#25 Chlordane-3

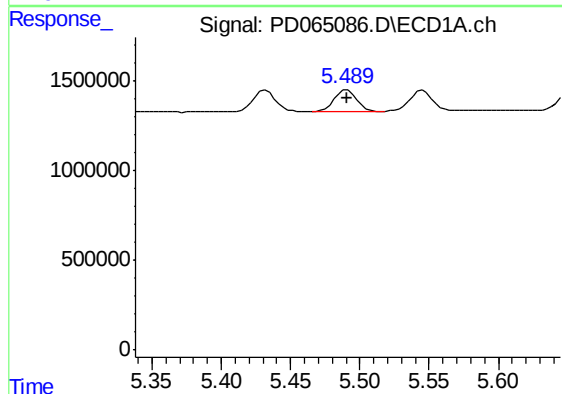
R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 1314904
Conc: 11.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



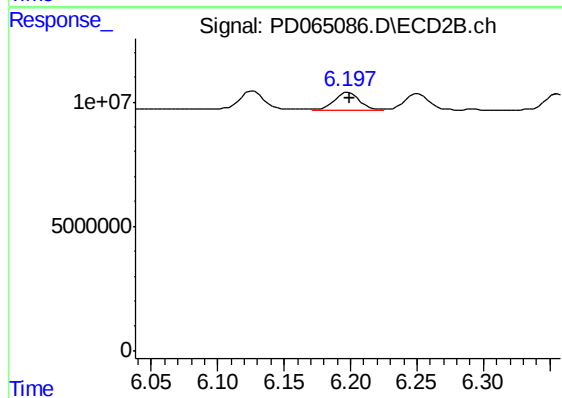
#25 Chlordane-3

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 13559655
Conc: 13.12 ng/ml



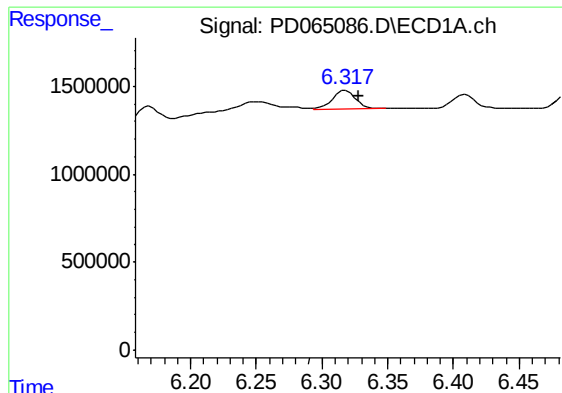
#26 Chlordane-4

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 1328289
Conc: 14.47 ng/ml



#26 Chlordane-4

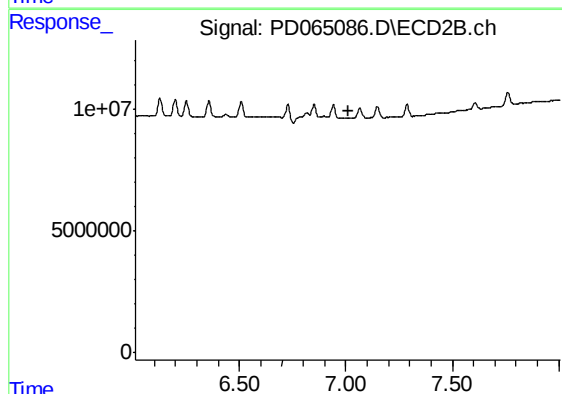
R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 10198081
Conc: 8.48 ng/ml



#27 Chlordane-5

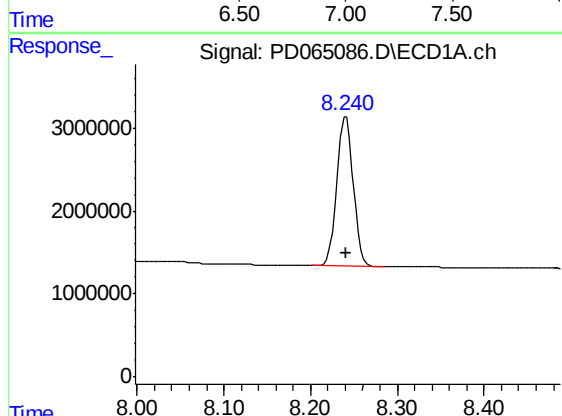
R.T.: 6.318 min
Delta R.T.: -0.009 min
Response: 1359732
Conc: 30.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021



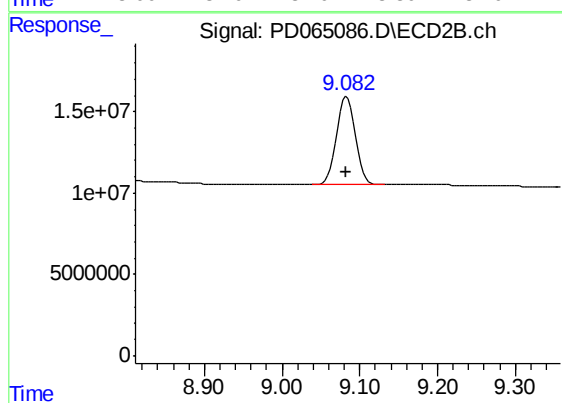
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.010 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 24009643
Conc: 21.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 92981533
Conc: 19.65 ng/ml