

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090121\
 Data File : PD065490.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2021 10:29
 Operator : AR\AJ
 Sample : M3263-01
 Misc : TOX MDL 100 PPB
 ALS Vial : 7 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 07:31:39 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.496	4.014	20631772	147.6E6	18.250	18.219
27)	SA Decachlor...	8.241	9.087	49253052	189.1E6	34.094	36.574
Target Compounds							
2)	A alpha-BHC	3.931	0.000	438964	0	0.285	N.D. #
3)	MA gamma-BHC...	4.227	0.000	1392709	0	0.851	N.D. #
4)	MA Heptachlor	0.000	5.193	0	278375	N.D.	<MDL
5)	MB Aldrin	4.766	5.495	56664	406918	<MDL	<MDL #
7)	B delta-BHC	0.000	5.102	0	1412782	N.D.	0.137
8)	B Heptachlo...	5.203	5.912	264260	820412	0.196	0.101 #
9)	A Endosulfan I	5.554	6.226	110678	1390812	<MDL	0.188 #
10)	B trans-Chl...	5.428	6.105	235948	923169	0.172	0.114 #
11)	B cis-Chlor...	5.457	6.173	905587	471958	0.666	<MDL #
12)	B 4,4'-DDE	5.653	6.346	318204	1783306	0.254	0.241
13)	MA Dieldrin	5.778	6.496	275051	157886	0.206	<MDL #
14)	MA Endrin	6.048	6.735	909494	1507405	0.747	0.238 #
15)	B Endosulfa...	6.351	6.900f	2325073	6925909	1.846	1.068 #
16)	A 4,4'-DDD	6.161	6.853	294429	1233461	0.268	0.205
17)	MA 4,4'-DDT	6.401	7.184f	638146	11559476	0.532	1.895 #
18)	B Endrin al...	6.502	7.073	49822	111890	<MDL	<MDL #
19)	B Endosulfa...	6.700	7.269	281847	11163393	0.220	1.797 #
20)	A Methoxychlor	6.950	7.549f	994626	1255950	1.521	0.430 #
21)	B Endrin ke...	7.254f	7.741	541236	823083	0.348	0.116 #
22)	Toxaphene-1	5.749	6.408	965062	3891573	110.521	112.840
23)	Toxaphene-2	6.232	6.701	1162441	4141786	117.106	109.567
24)	Toxaphene-3	6.351	7.184	2325073	11559476	106.092	108.232
25)	Toxaphene-4	6.596	7.269	2692225	11163393	112.469	104.503
26)	Toxaphene-5	7.084	7.689	3288217	9261419	120.445	110.979

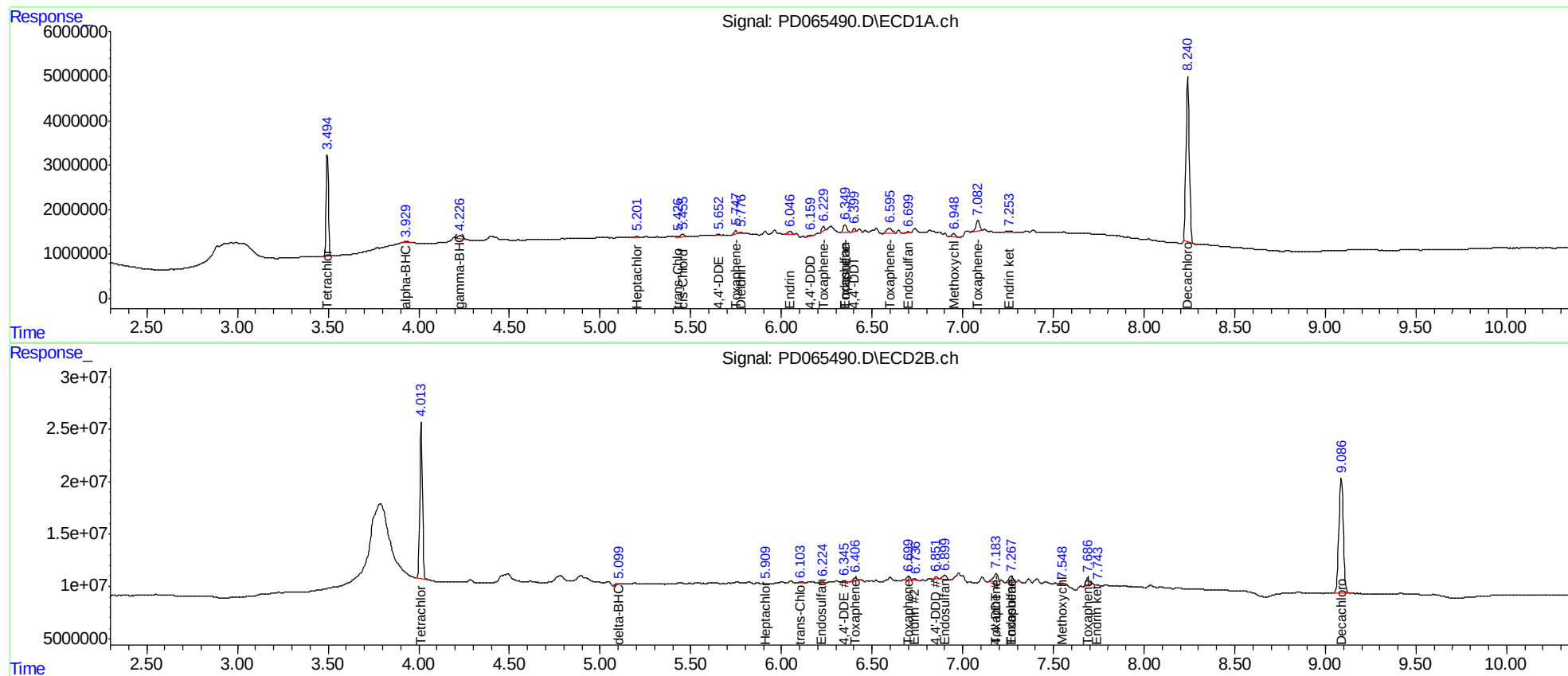
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

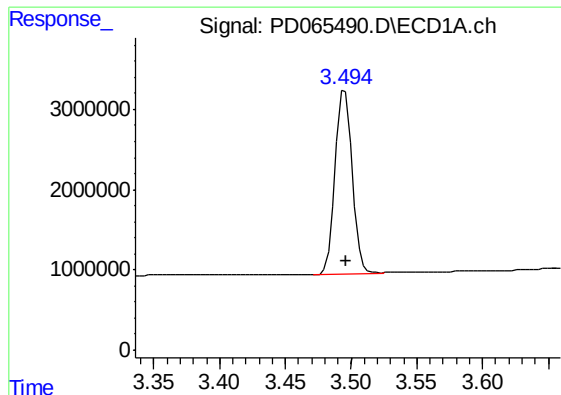
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090121\
Data File : PD065490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Aug 2021 10:29
Operator : AR\AJ
Sample : M3263-01
Misc : TOX MDL 100 PPB
ALS Vial : 7 Sample Multiplier: 1

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 07:31:39 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

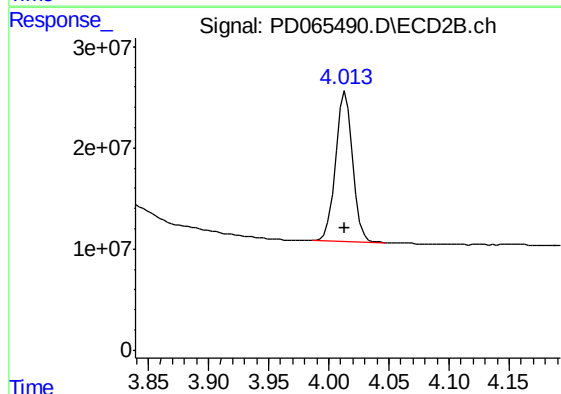




#1 Tetrachloro-m-xylene

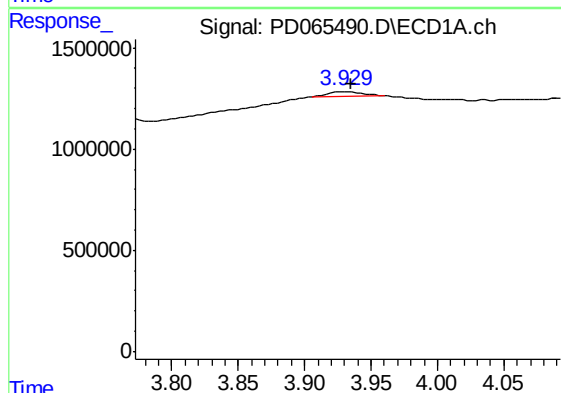
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 20631772
Conc: 18.25 ng/ml

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



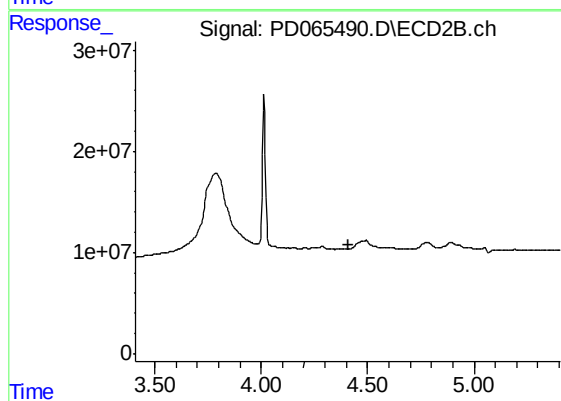
#1 Tetrachloro-m-xylene

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 147597853
Conc: 18.22 ng/ml



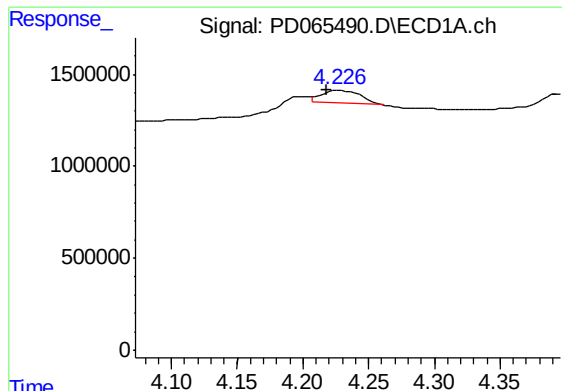
#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: -0.004 min
Response: 438964
Conc: 0.29 ng/ml



#2 alpha-BHC

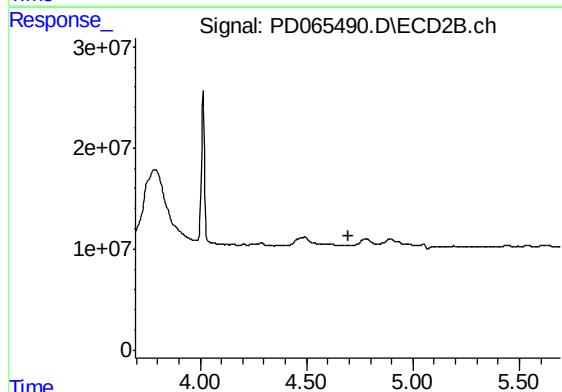
R.T.: 0.000 min
Exp R.T. : 4.409 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

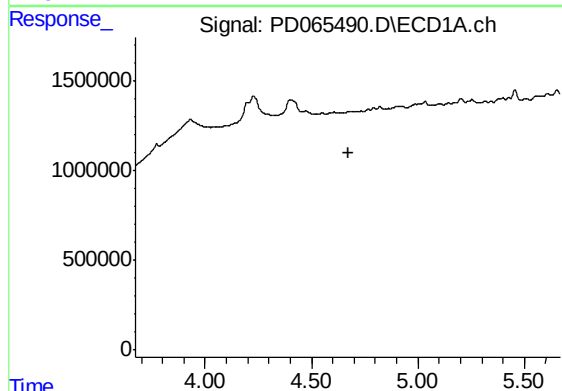
R.T.: 4.227 min
Delta R.T.: 0.009 min
Response: 1392709
Conc: 0.85 ng/ml

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



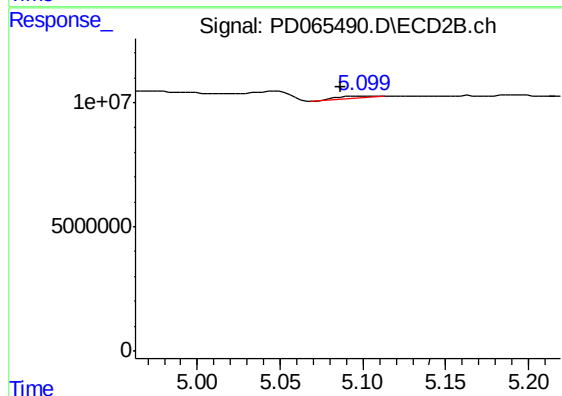
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 4.695 min
Response: 0
Conc: N.D.



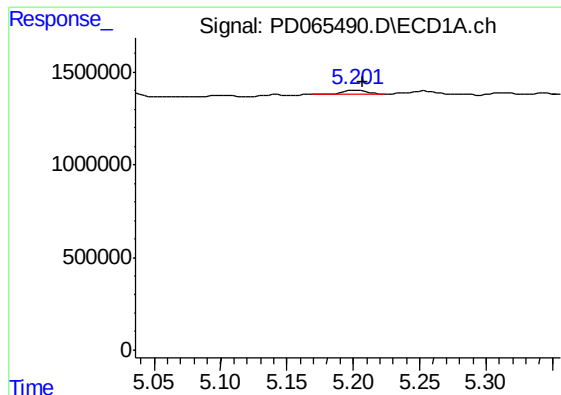
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.671 min
Response: 0
Conc: N.D.



#7 delta-BHC

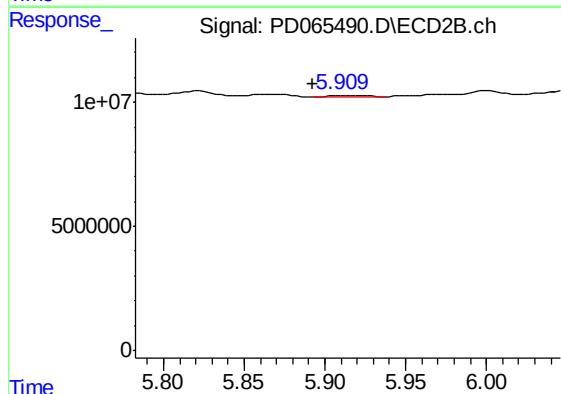
R.T.: 5.102 min
Delta R.T.: 0.016 min
Response: 1412782
Conc: 0.14 ng/ml



#8 Heptachlor epoxide

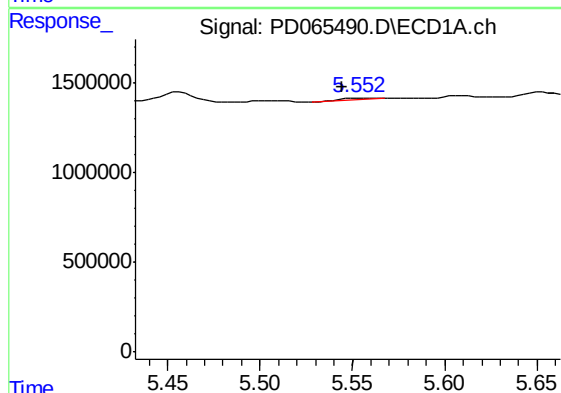
R.T.: 5.203 min
Delta R.T.: -0.004 min
Response: 264260
Conc: 0.20 ng/ml

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



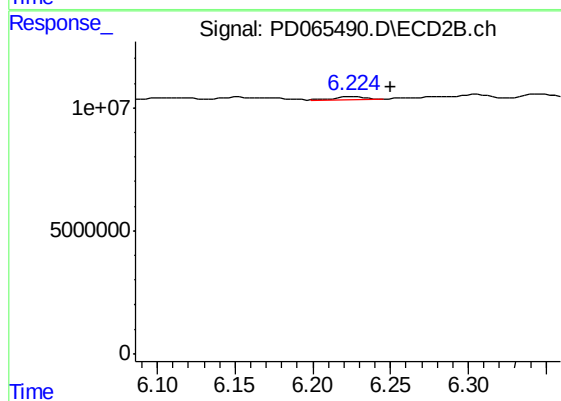
#8 Heptachlor epoxide

R.T.: 5.912 min
Delta R.T.: 0.019 min
Response: 820412
Conc: 0.10 ng/ml



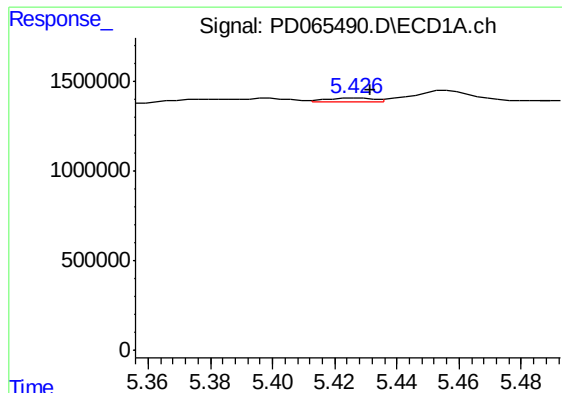
#9 Endosulfan I

R.T.: 5.554 min
Delta R.T.: 0.009 min
Response: 110678
Conc: N.D.



#9 Endosulfan I

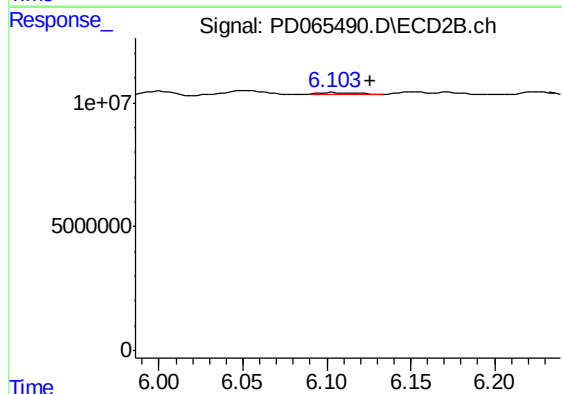
R.T.: 6.226 min
Delta R.T.: -0.025 min
Response: 1390812
Conc: 0.19 ng/ml



#10 trans-Chlordane

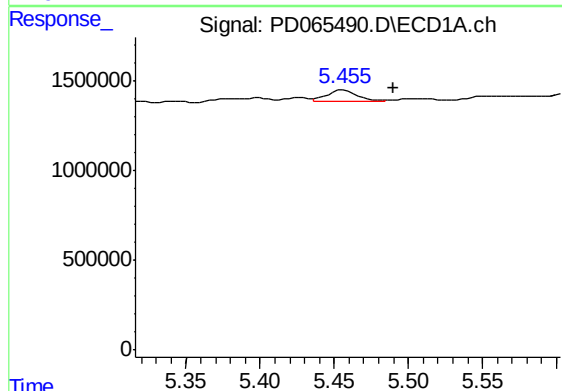
R.T.: 5.428 min
Delta R.T.: -0.004 min
Response: 235948
Conc: 0.17 ng/ml

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



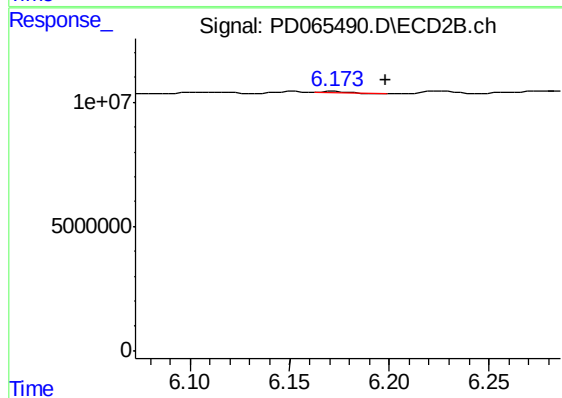
#10 trans-Chlordane

R.T.: 6.105 min
Delta R.T.: -0.021 min
Response: 923169
Conc: 0.11 ng/ml



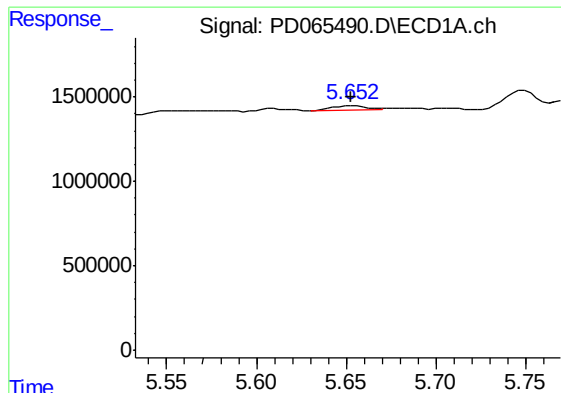
#11 cis-Chlordane

R.T.: 5.457 min
Delta R.T.: -0.034 min
Response: 905587
Conc: 0.67 ng/ml



#11 cis-Chlordane

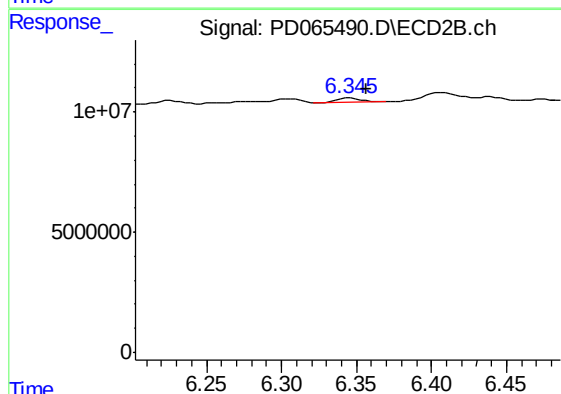
R.T.: 6.173 min
Delta R.T.: -0.026 min
Response: 471958
Conc: N.D.



#12 4,4'-DDE

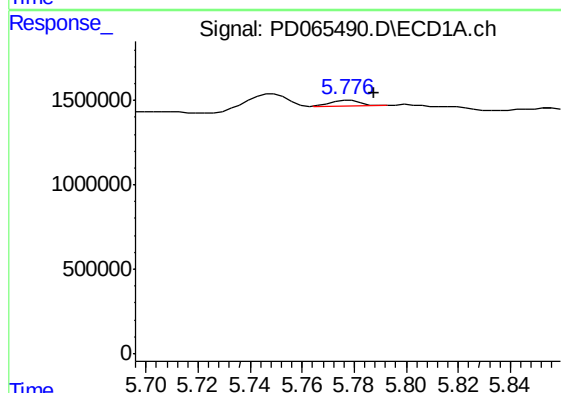
R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 318204
Conc: 0.25 ng/ml

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



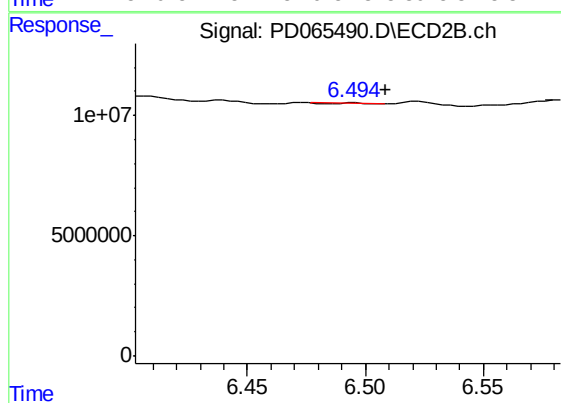
#12 4,4'-DDE

R.T.: 6.346 min
Delta R.T.: -0.011 min
Response: 1783306
Conc: 0.24 ng/ml



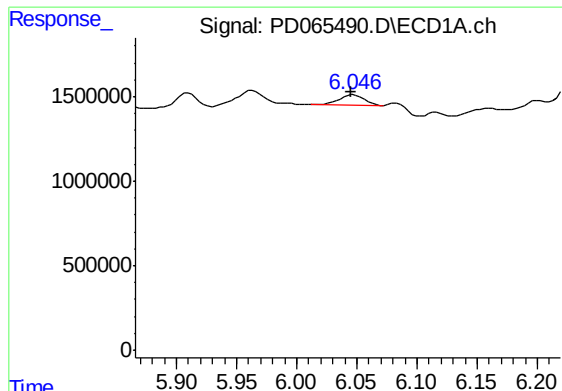
#13 Dieldrin

R.T.: 5.778 min
Delta R.T.: -0.010 min
Response: 275051
Conc: 0.21 ng/ml



#13 Dieldrin

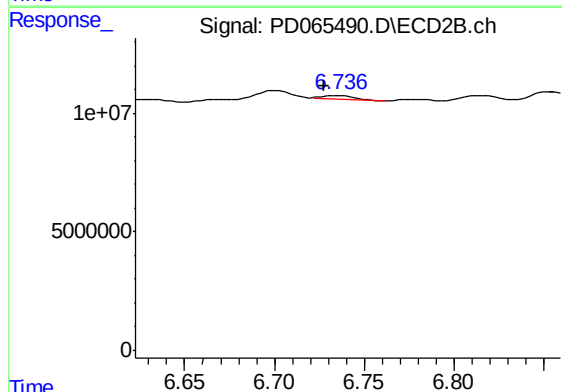
R.T.: 6.496 min
Delta R.T.: -0.013 min
Response: 157886
Conc: N.D.



#14 Endrin

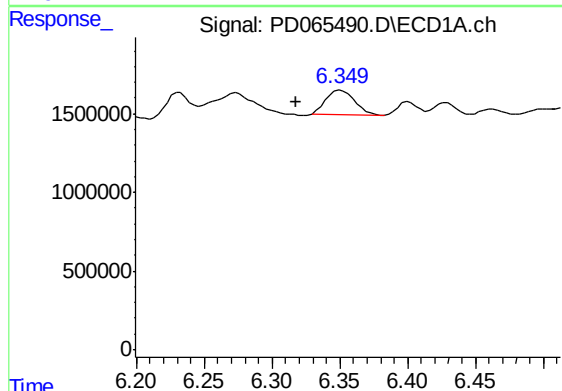
R.T.: 6.048 min
Delta R.T.: 0.002 min
Response: 909494
Conc: 0.75 ng/ml

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



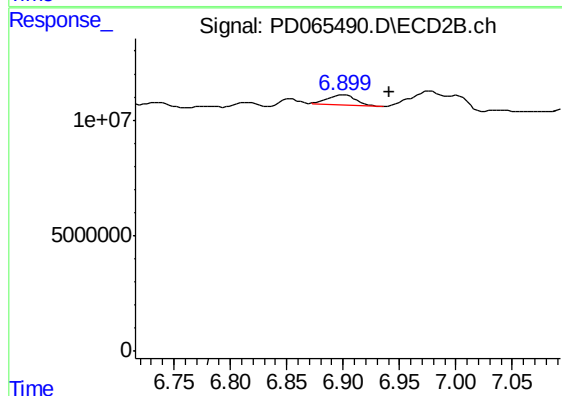
#14 Endrin

R.T.: 6.735 min
Delta R.T.: 0.007 min
Response: 1507405
Conc: 0.24 ng/ml



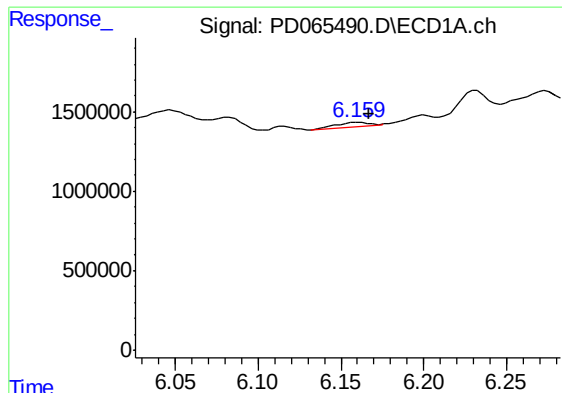
#15 Endosulfan II

R.T.: 6.351 min
Delta R.T.: 0.034 min
Response: 2325073
Conc: 1.85 ng/ml



#15 Endosulfan II

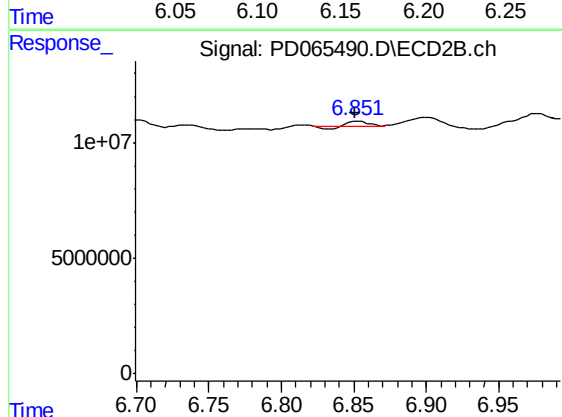
R.T.: 6.900 min
Delta R.T.: -0.040 min
Response: 6925909
Conc: 1.07 ng/ml



#16 4,4'-DDD

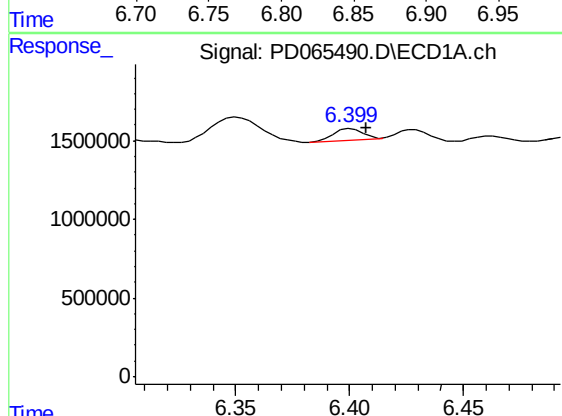
R.T.: 6.161 min
Delta R.T.: -0.006 min
Response: 294429
Conc: 0.27 ng/ml

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



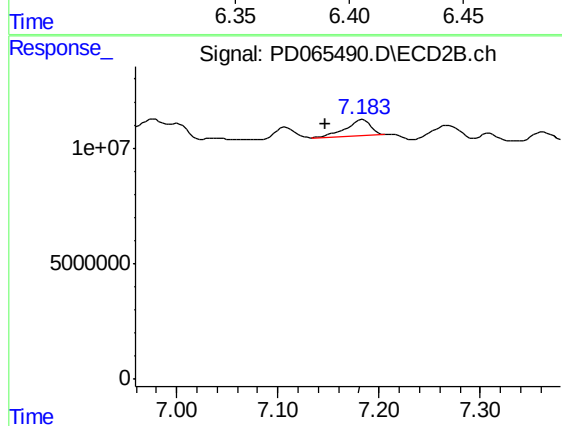
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: 0.002 min
Response: 1233461
Conc: 0.20 ng/ml



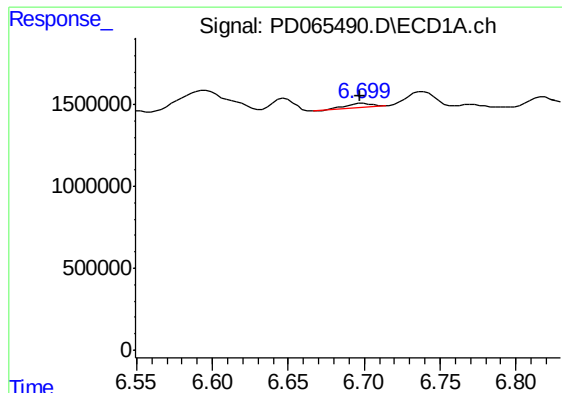
#17 4,4'-DDT

R.T.: 6.401 min
Delta R.T.: -0.006 min
Response: 638146
Conc: 0.53 ng/ml



#17 4,4'-DDT

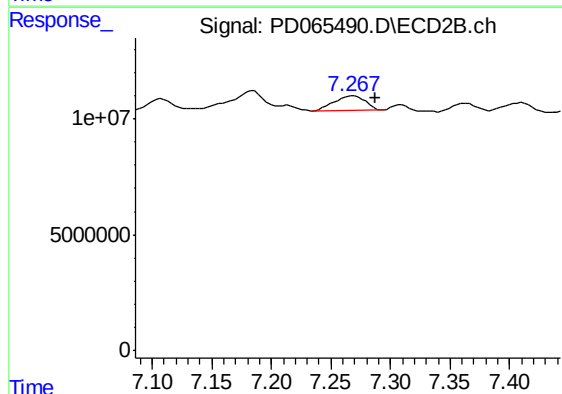
R.T.: 7.184 min
Delta R.T.: 0.037 min
Response: 11559476
Conc: 1.90 ng/ml



#19 Endosulfan Sulfate

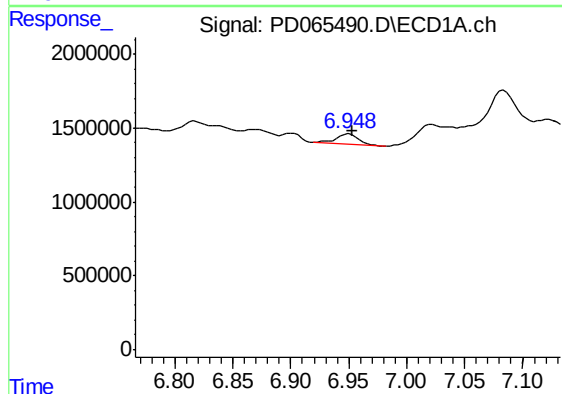
R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 281847
Conc: 0.22 ng/ml

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



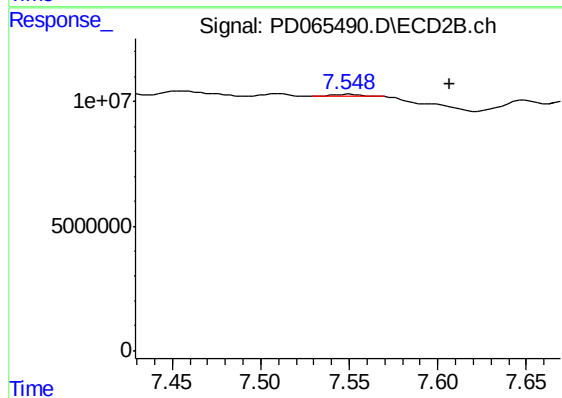
#19 Endosulfan Sulfate

R.T.: 7.269 min
Delta R.T.: -0.019 min
Response: 11163393
Conc: 1.80 ng/ml



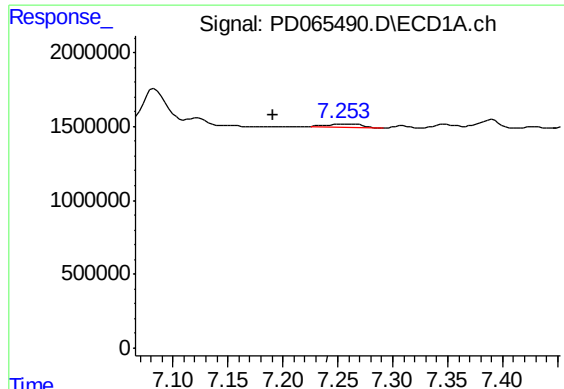
#20 Methoxychlor

R.T.: 6.950 min
Delta R.T.: -0.004 min
Response: 994626
Conc: 1.52 ng/ml



#20 Methoxychlor

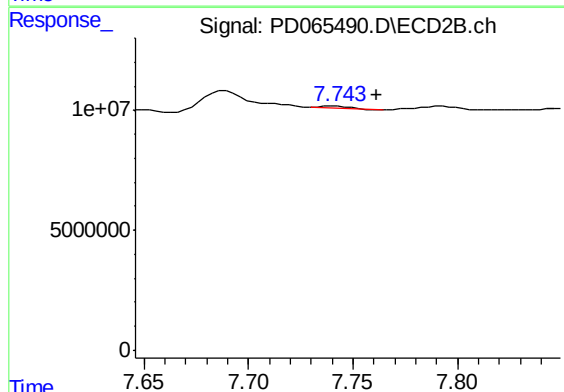
R.T.: 7.549 min
Delta R.T.: -0.058 min
Response: 1255950
Conc: 0.43 ng/ml



#21 Endrin ketone

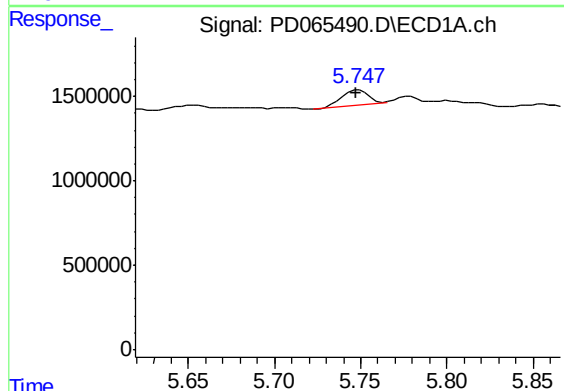
R.T.: 7.254 min
Delta R.T.: 0.062 min
Response: 541236
Conc: 0.35 ng/ml

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



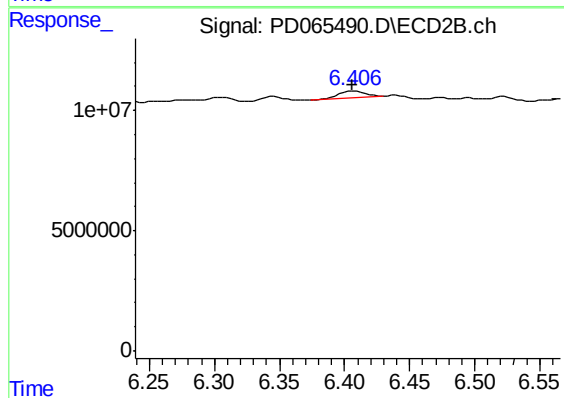
#21 Endrin ketone

R.T.: 7.741 min
Delta R.T.: -0.020 min
Response: 823083
Conc: 0.12 ng/ml



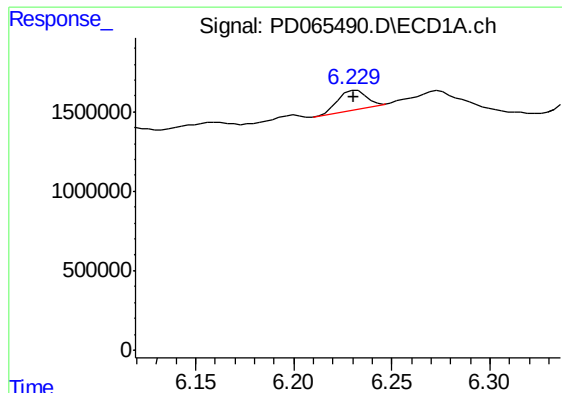
#22 Toxaphene-1

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 965062
Conc: 110.52 ng/ml



#22 Toxaphene-1

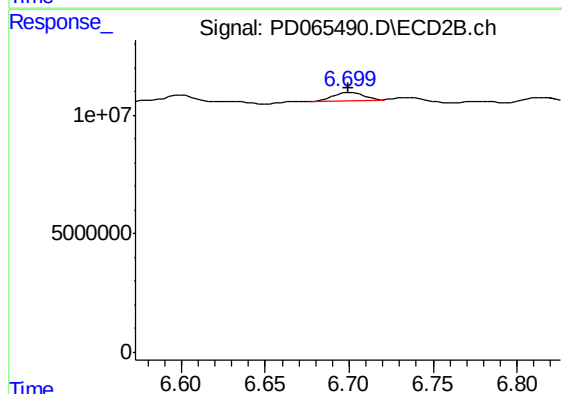
R.T.: 6.408 min
Delta R.T.: 0.002 min
Response: 3891573
Conc: 112.84 ng/ml



#23 Toxaphene-2

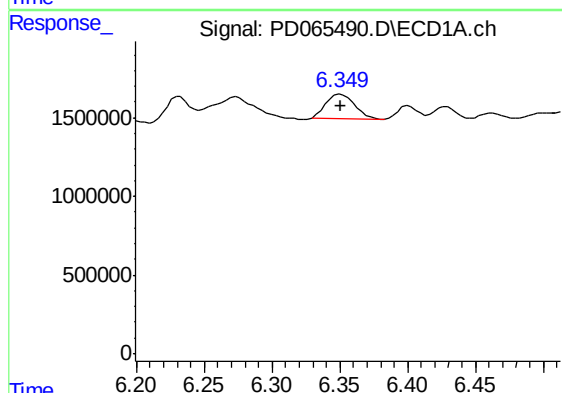
R.T.: 6.232 min
Delta R.T.: 0.002 min
Response: 1162441
Conc: 117.11 ng/ml

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



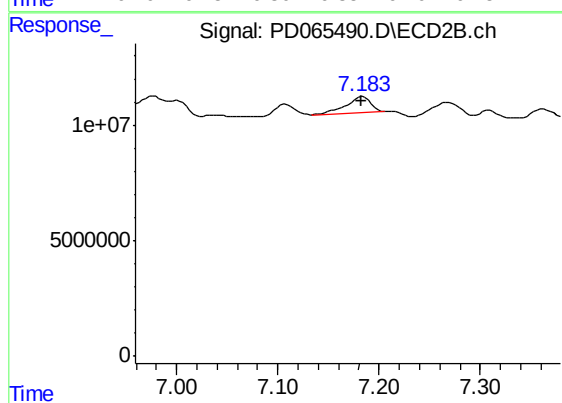
#23 Toxaphene-2

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 4141786
Conc: 109.57 ng/ml



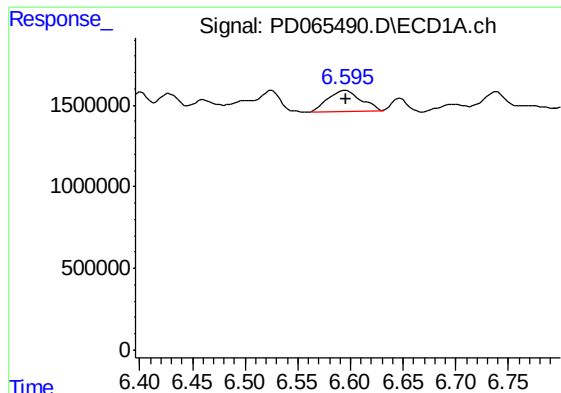
#24 Toxaphene-3

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 2325073
Conc: 106.09 ng/ml



#24 Toxaphene-3

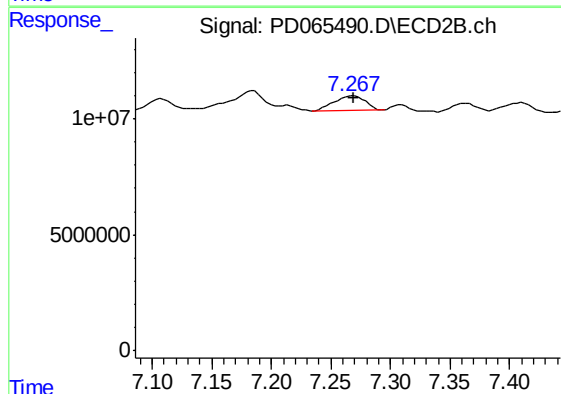
R.T.: 7.184 min
Delta R.T.: 0.002 min
Response: 11559476
Conc: 108.23 ng/ml



#25 Toxaphene-4

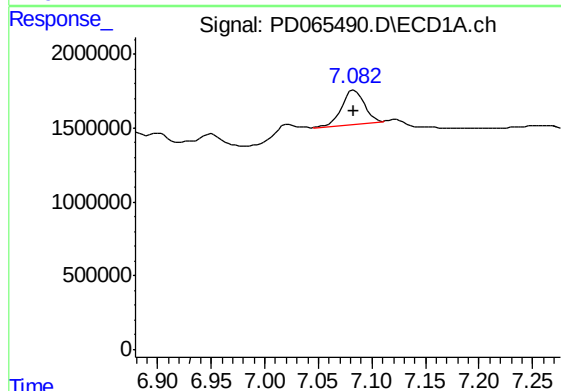
R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 2692225
Conc: 112.47 ng/ml

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



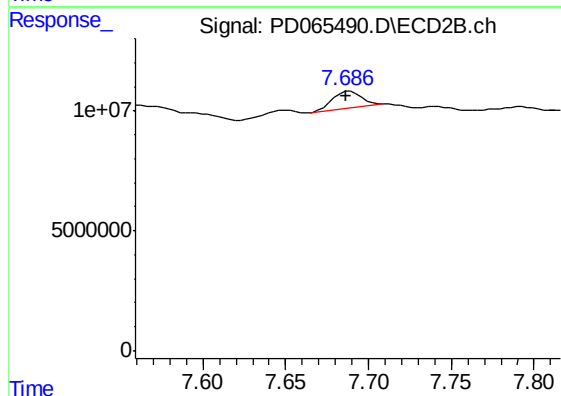
#25 Toxaphene-4

R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 11163393
Conc: 104.50 ng/ml



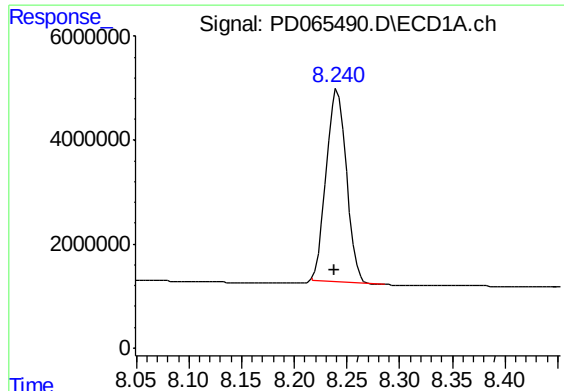
#26 Toxaphene-5

R.T.: 7.084 min
Delta R.T.: 0.001 min
Response: 3288217
Conc: 120.44 ng/ml



#26 Toxaphene-5

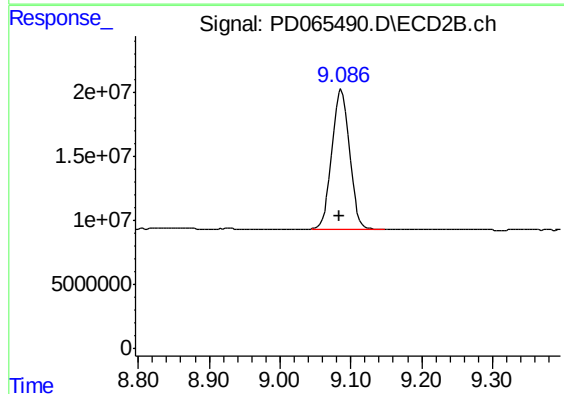
R.T.: 7.689 min
Delta R.T.: 0.002 min
Response: 9261419
Conc: 110.98 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: 0.003 min
Response: 49253052
Conc: 34.09 ng/ml

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



#27 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.004 min
Response: 189136117
Conc: 36.57 ng/ml