Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111524\
Data File : PD086697.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2024 12:28
Operator : AR\AJ
Sample : P4368-07
Misc : CHLOR LOD 25 PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 02:58:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.557	2.884	30560486	211.4E6	20.921	21.374	
28)	SA Decachlor...	9.089	8.089	45027677	235.0E6	23.487	21.939	
	Target Compounds							
2)	A alpha-BHC	4.031f	3.387f	131481	636890	0.046	0.042	
3)	MA gamma-BHC...	0.000	3.741	0	112782	N.D.	0.008	#
4)	MA Heptachlor	4.939	4.091	3171651	16178193	1.160	1.148	
5)	MB Aldrin	0.000	4.392	0	5834239	N.D.	0.400	#
6)	B beta-BHC	0.000	4.047	0	838063	N.D.	0.131	#
7)	B delta-BHC	4.787	4.278	1547194	3699326	0.523	0.249	#
8)	B Heptachlo...	5.732f	0.000	73075	0	0.030	N.D.	#
9)	A Endosulfan I	0.000	5.242f	0	4229090	N.D.	0.340	#
10)	B gamma-Chl...	5.956	5.137	7359810	31289980	3.057	2.299	
11)	B alpha-Chl...	6.042	5.202	9789085	29545645	4.044	2.208	#
12)	B 4,4'-DDE	6.202	5.385	118748	1530504	0.053	0.117	#
13)	MA Dieldrin	6.366	5.551f	325687	124346	0.131	0.009	#
14)	MA Endrin	0.000	5.803	0	18935959	N.D.	1.543	#
15)	B Endosulfa...	6.801	6.102	200544	12964623	0.093	1.080	#
16)	A 4,4'-DDD	6.739f	5.936	1136010	3401885	0.629	0.309	#
17)	MA 4,4'-DDT	0.000	6.198	0	512515	N.D.	0.044	#
19)	B Endosulfa...	0.000	6.500	0	1134401	N.D.	0.098	#
20)	A Methoxychlor	0.000	6.779	0	523717	N.D.	0.083	#
21)	B Endrin ke...	7.677f	7.002	185877	635157	0.082	0.050	#
22)	Mirex	0.000	7.220	0	2448823	N.D.	0.236	#
23)	Chlordane-1	4.724	3.913	1924527	10568492	21.391	22.726	
24)	Chlordane-2	5.250	4.497	2526353	15366678	25.862	31.020	
25)	Chlordane-3	5.956	5.137	7359810	31289980	19.455	21.016	
26)	Chlordane-4	6.042	5.202	9789085	29545645	21.308	23.520	
27)	Chlordane-5	6.882	5.872	724593	12793466	9.007	31.337	#

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

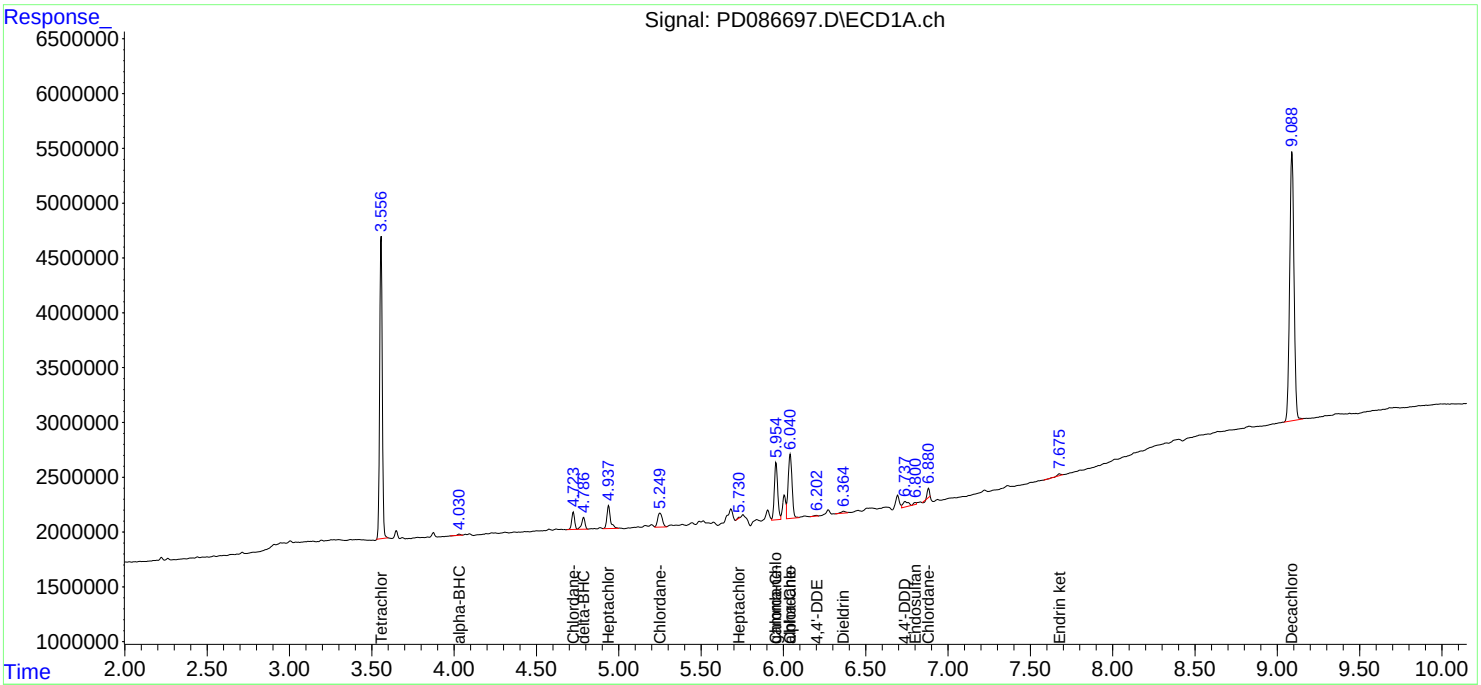
Quantitation Report (Not Reviewed)

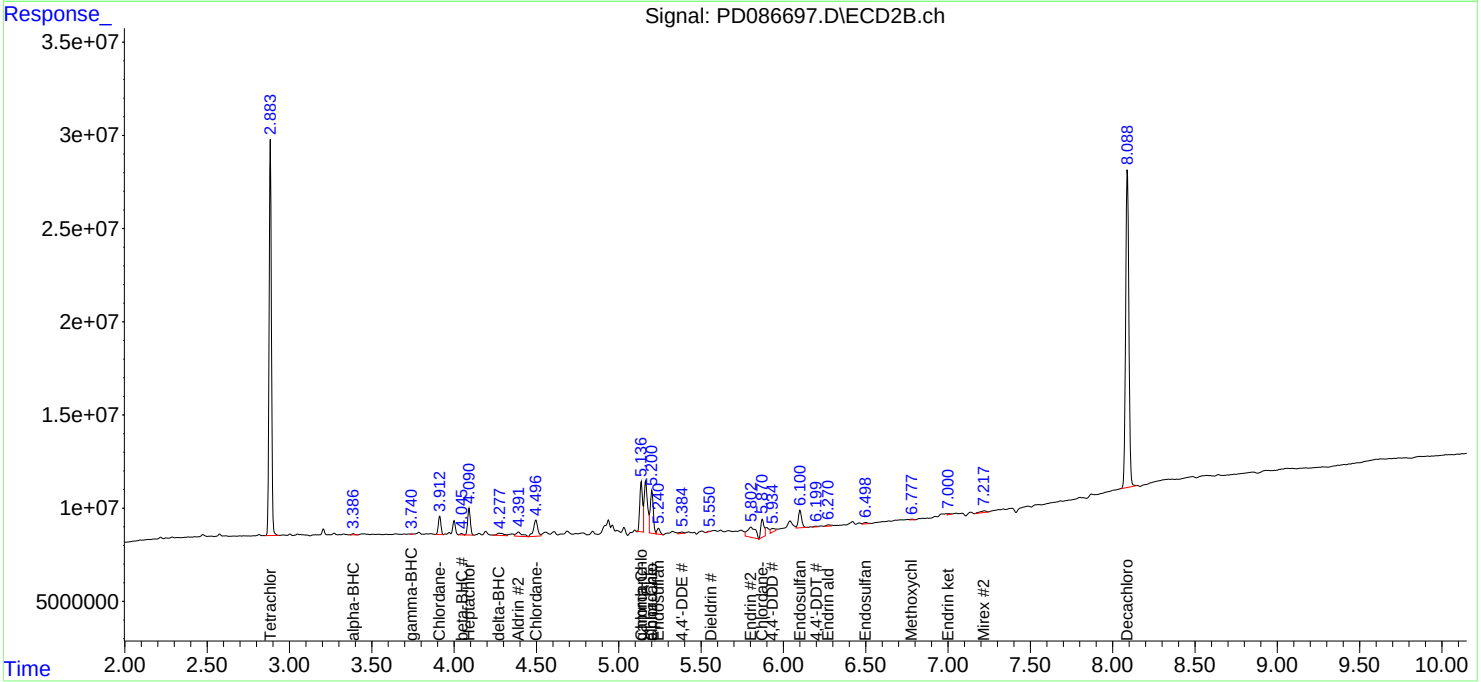
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111524\
Data File : PD086697.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2024 12:28
Operator : AR\AJ
Sample : P4368-07
Misc : CHLOR LOD 25 PPB
ALS Vial : 12 Sample Multiplier: 1

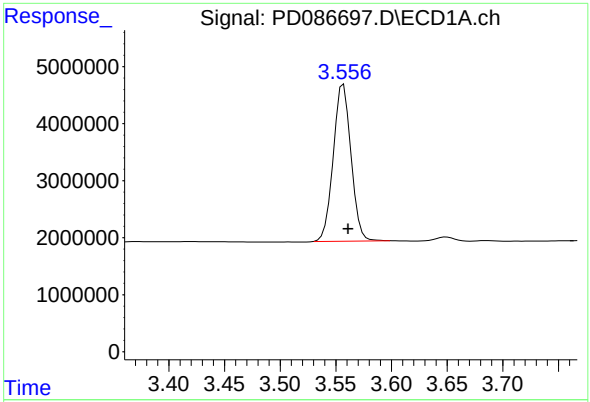
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 02:58:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



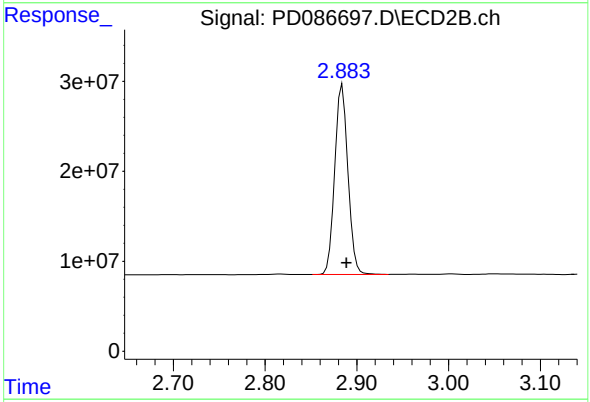




#1 Tetrachloro-m-xylene

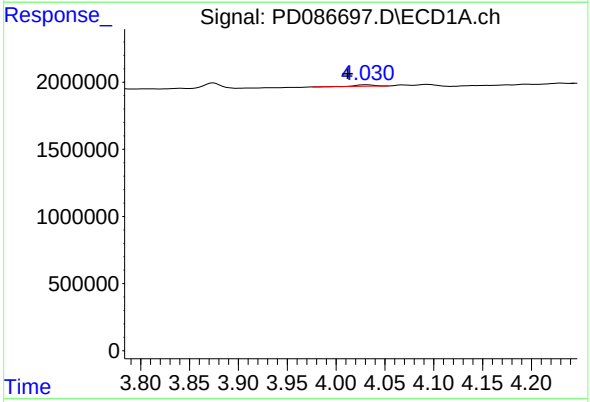
R.T.: 3.557 min
Delta R.T.: -0.004 min
Response: 30560486
Conc: 20.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



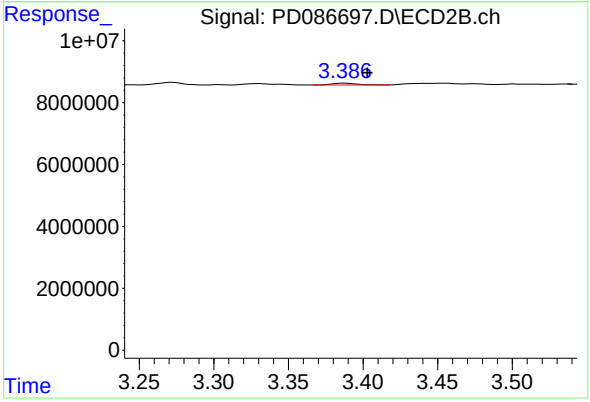
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: -0.004 min
Response: 211372178
Conc: 21.37 ng/ml



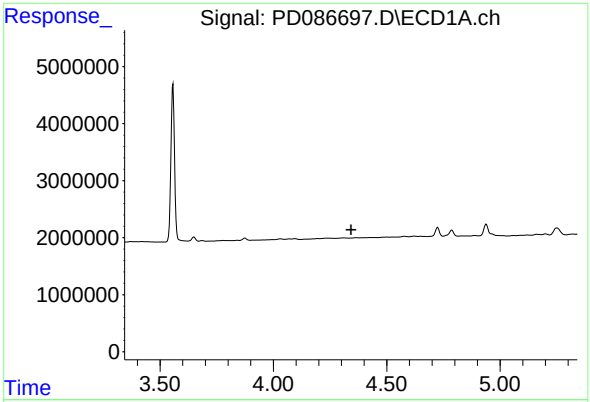
#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.019 min
Response: 131481
Conc: 0.05 ng/ml



#2 alpha-BHC

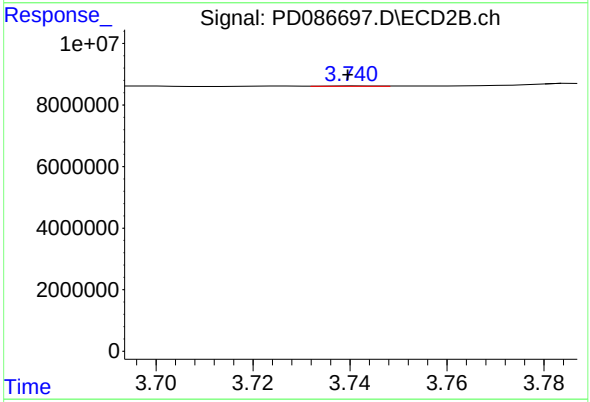
R.T.: 3.387 min
Delta R.T.: -0.015 min
Response: 636890
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

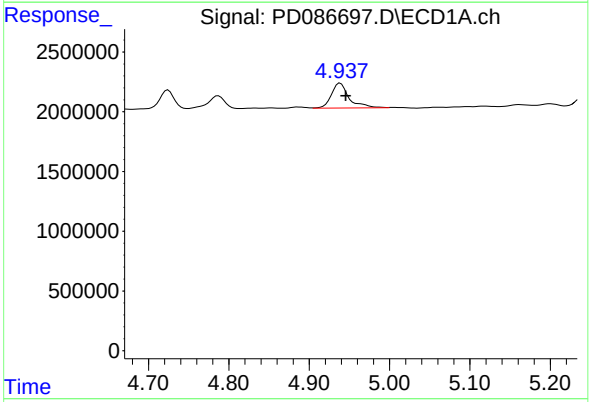
R.T.: 0.000 min
Exp R.T. : 4.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



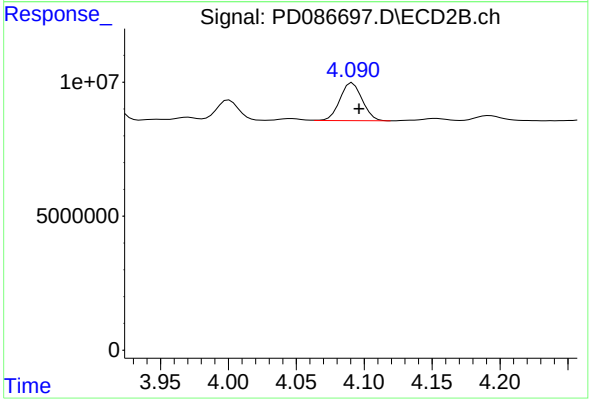
#3 gamma-BHC (Lindane)

R.T.: 3.741 min
Delta R.T.: 0.002 min
Response: 112782
Conc: 0.01 ng/ml



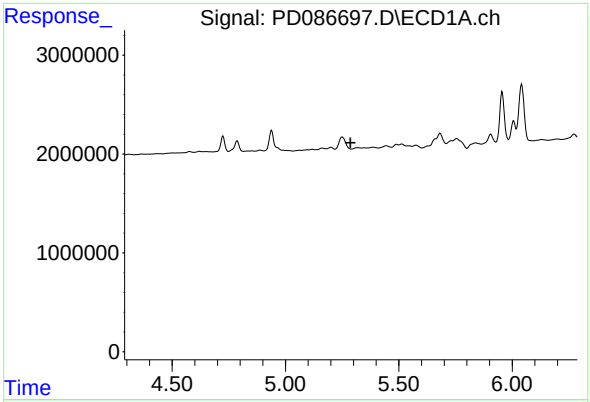
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: -0.006 min
Response: 3171651
Conc: 1.16 ng/ml



#4 Heptachlor

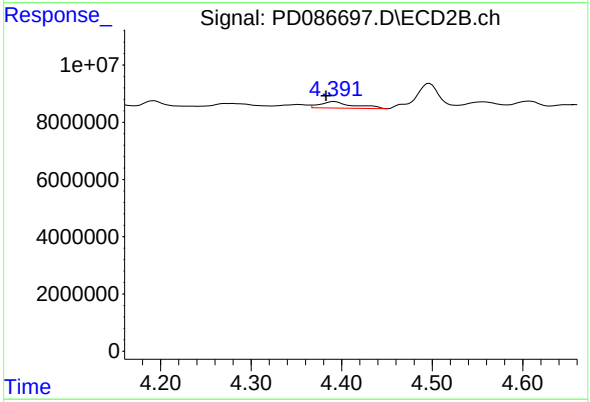
R.T.: 4.091 min
Delta R.T.: -0.005 min
Response: 16178193
Conc: 1.15 ng/ml



#5 Aldrin

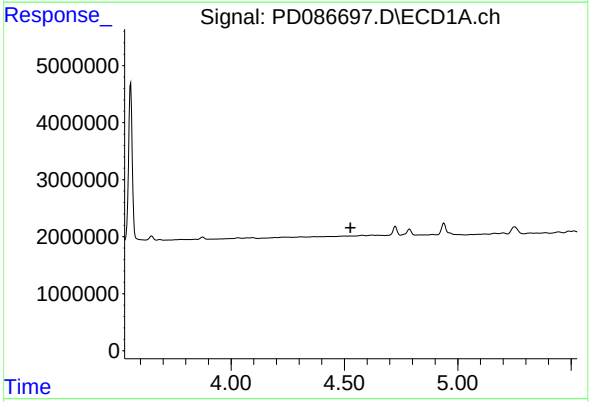
R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



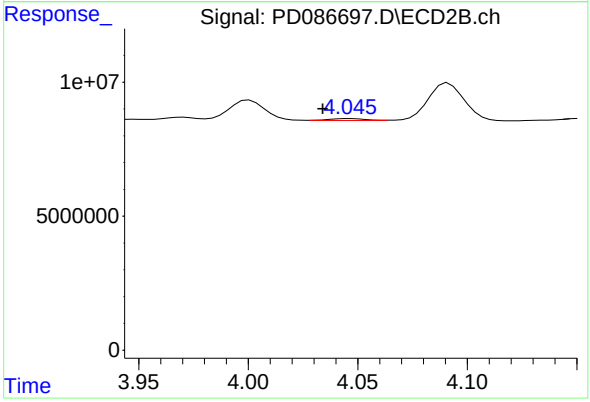
#5 Aldrin

R.T.: 4.392 min
Delta R.T.: 0.009 min
Response: 5834239
Conc: 0.40 ng/ml



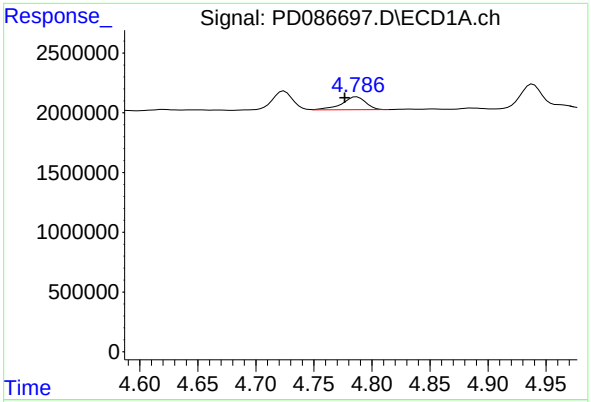
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.527 min
Response: 0
Conc: N.D.



#6 beta-BHC

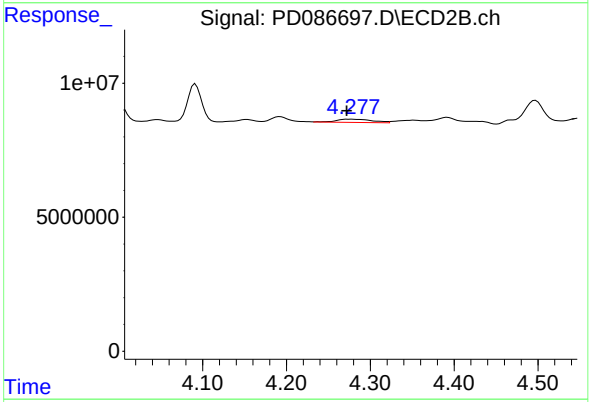
R.T.: 4.047 min
Delta R.T.: 0.013 min
Response: 838063
Conc: 0.13 ng/ml



#7 delta-BHC

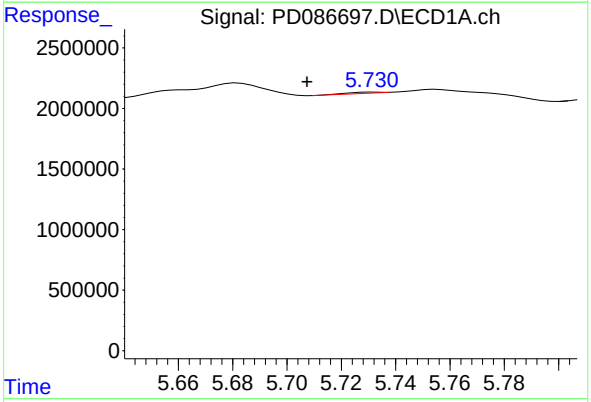
R.T.: 4.787 min
Delta R.T.: 0.011 min
Response: 1547194
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



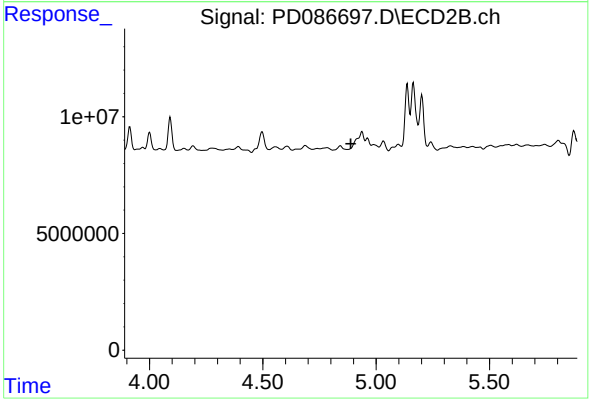
#7 delta-BHC

R.T.: 4.278 min
Delta R.T.: 0.007 min
Response: 3699326
Conc: 0.25 ng/ml



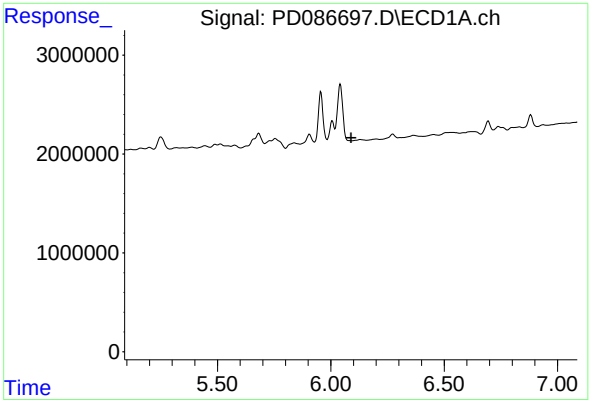
#8 Heptachlor epoxide

R.T.: 5.732 min
Delta R.T.: 0.024 min
Response: 73075
Conc: 0.03 ng/ml



#8 Heptachlor epoxide

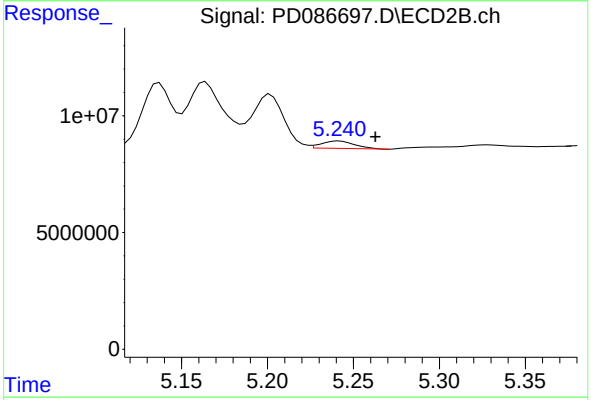
R.T.: 0.000 min
Exp R.T. : 4.888 min
Response: 0
Conc: N.D.



#9 Endosulfan I

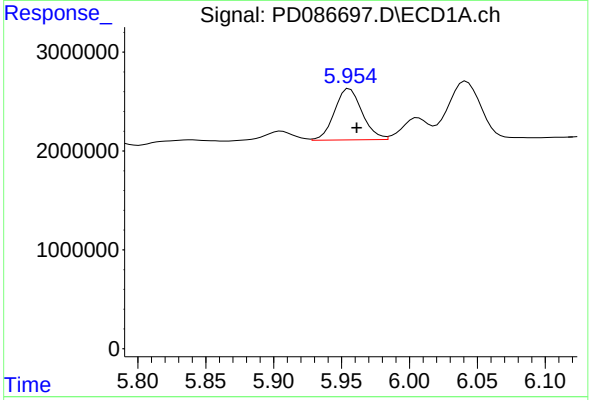
R.T.: 0.000 min
Exp R.T. : 6.090 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



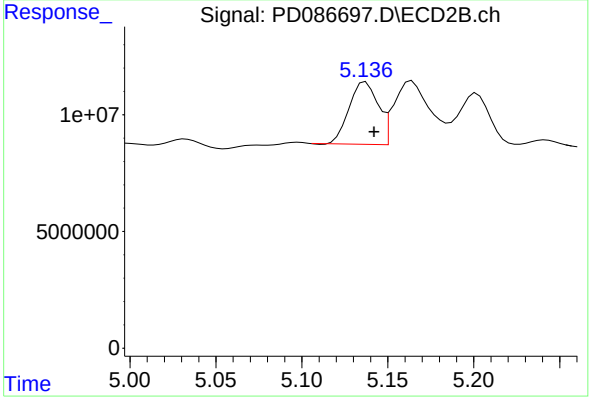
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: -0.021 min
Response: 4229090
Conc: 0.34 ng/ml



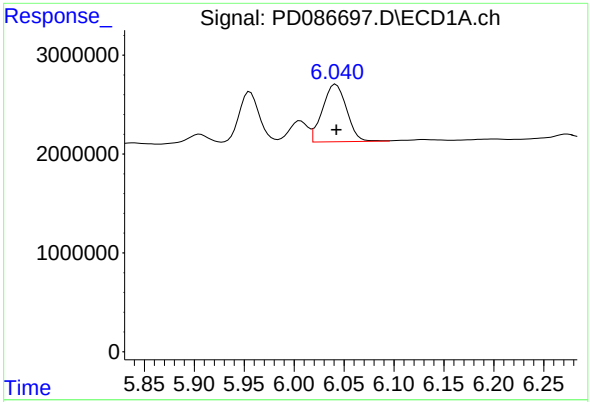
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: -0.005 min
Response: 7359810
Conc: 3.06 ng/ml



#10 gamma-Chlordane

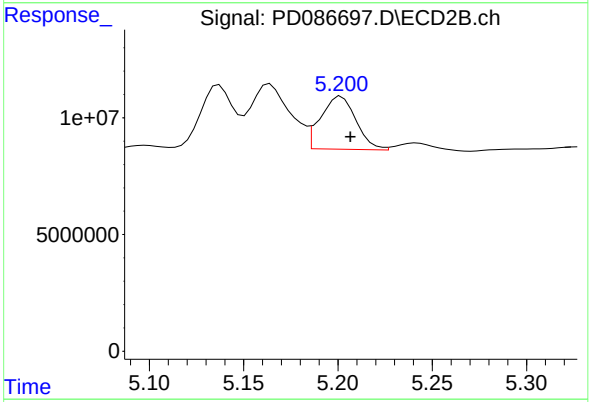
R.T.: 5.137 min
Delta R.T.: -0.005 min
Response: 31289980
Conc: 2.30 ng/ml



#11 alpha-Chlordane

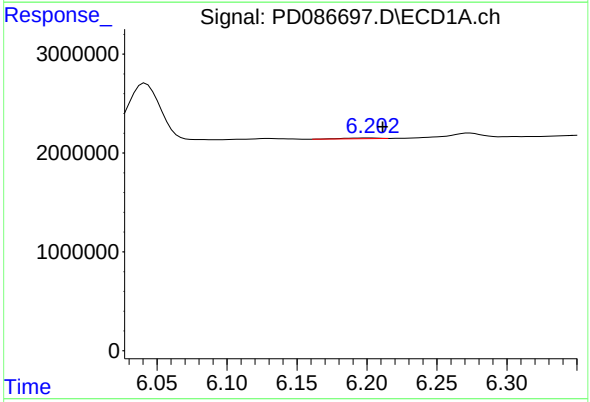
R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 9789085
Conc: 4.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



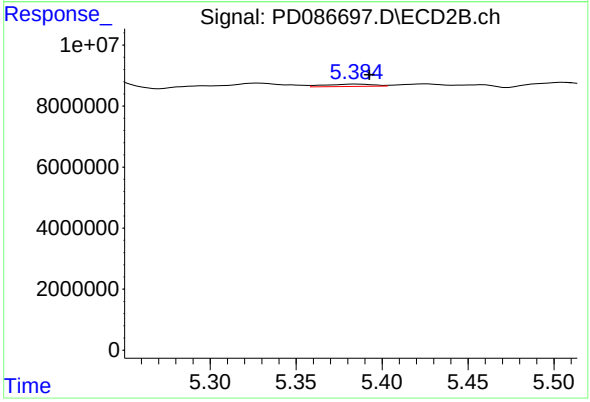
#11 alpha-Chlordane

R.T.: 5.202 min
Delta R.T.: -0.005 min
Response: 29545645
Conc: 2.21 ng/ml



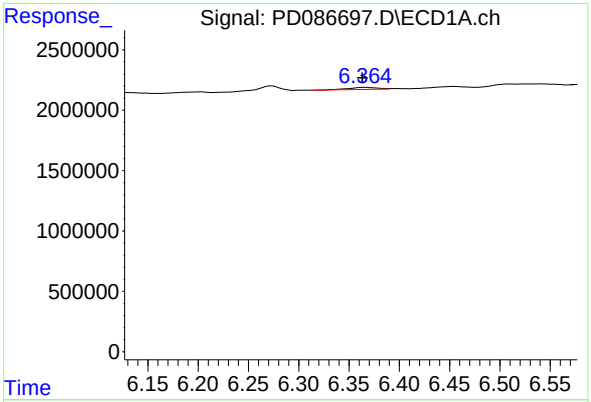
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: -0.009 min
Response: 118748
Conc: 0.05 ng/ml



#12 4,4'-DDE

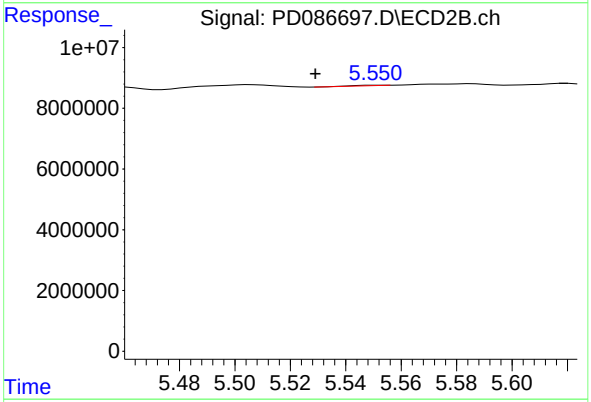
R.T.: 5.385 min
Delta R.T.: -0.008 min
Response: 1530504
Conc: 0.12 ng/ml



#13 Dieldrin

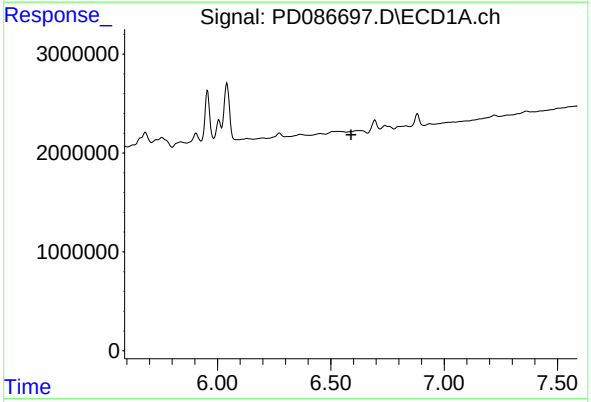
R.T.: 6.366 min
Delta R.T.: 0.003 min
Response: 325687
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



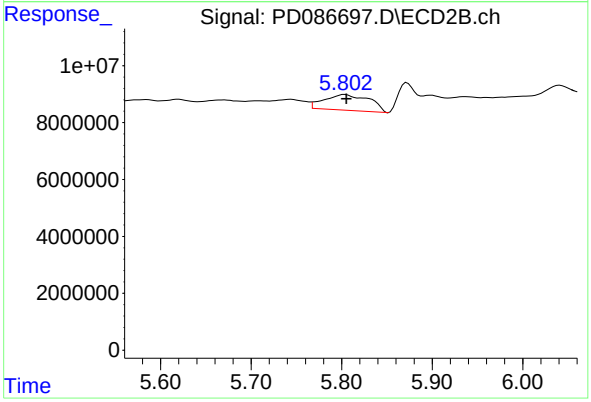
#13 Dieldrin

R.T.: 5.551 min
Delta R.T.: 0.022 min
Response: 124346
Conc: 0.01 ng/ml



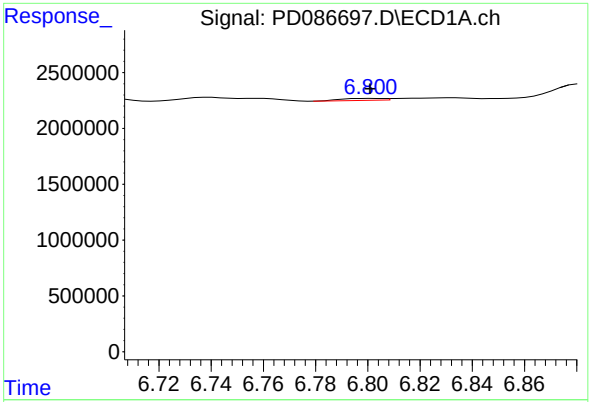
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.590 min
Response: 0
Conc: N.D.



#14 Endrin

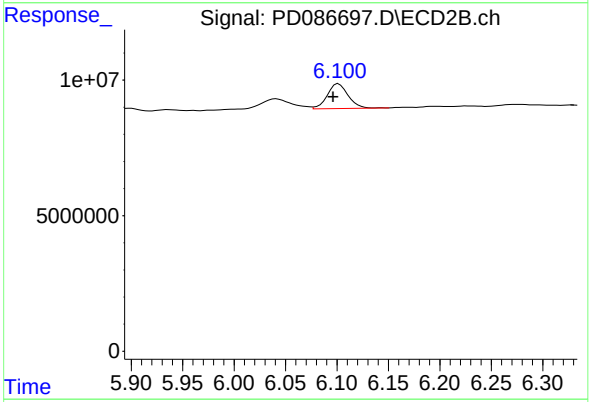
R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 18935959
Conc: 1.54 ng/ml



#15 Endosulfan II

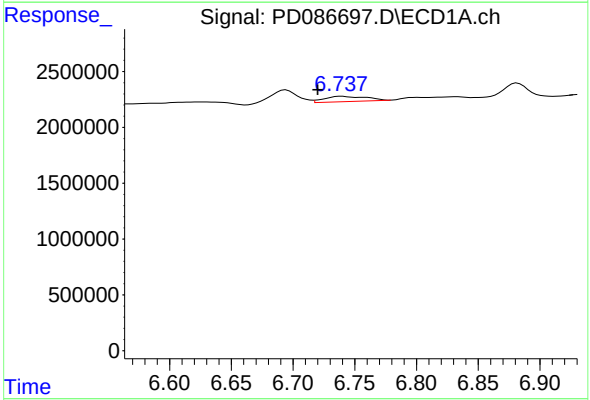
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 200544
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



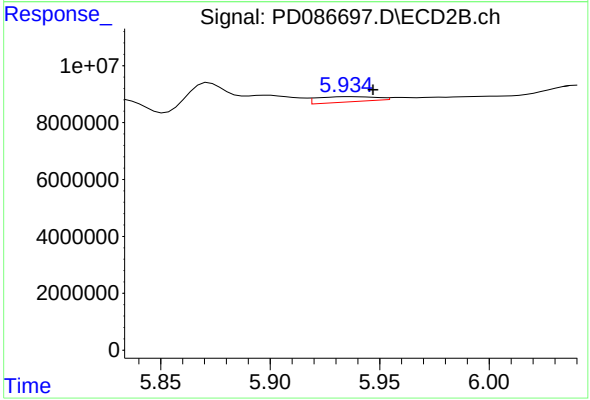
#15 Endosulfan II

R.T.: 6.102 min
Delta R.T.: 0.005 min
Response: 12964623
Conc: 1.08 ng/ml



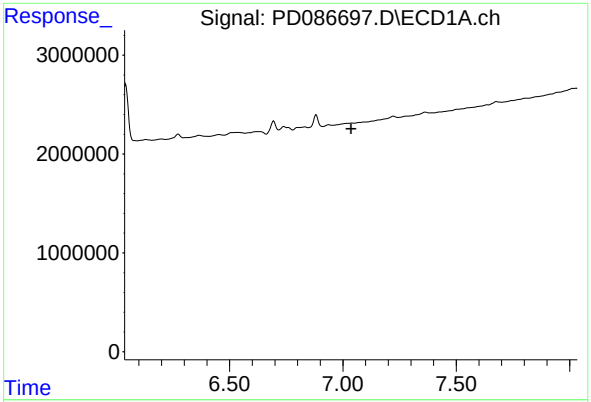
#16 4,4'-DDD

R.T.: 6.739 min
Delta R.T.: 0.019 min
Response: 1136010
Conc: 0.63 ng/ml



#16 4,4'-DDD

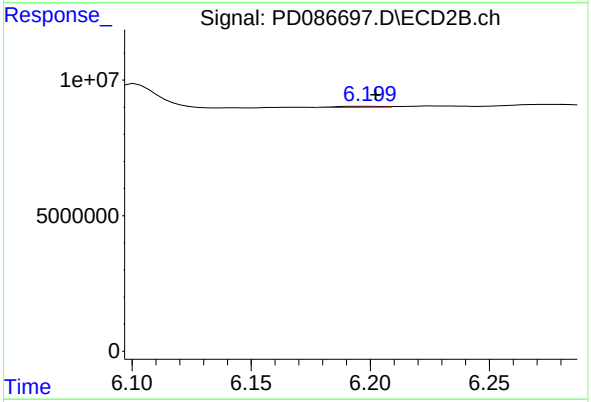
R.T.: 5.936 min
Delta R.T.: -0.011 min
Response: 3401885
Conc: 0.31 ng/ml



#17 4,4'-DDT

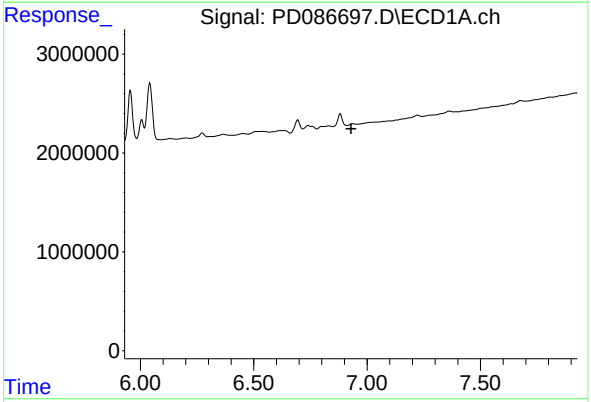
R.T.: 0.000 min
Exp R.T. : 7.036 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



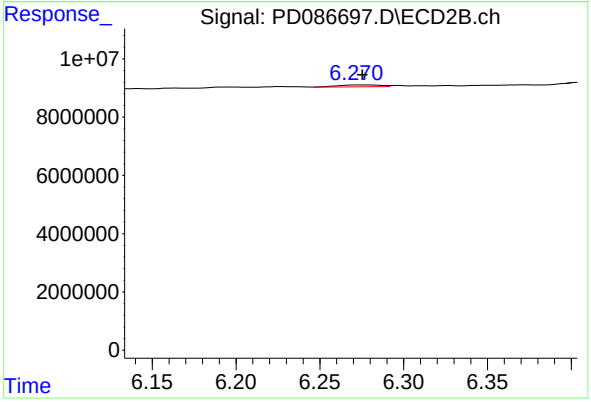
#17 4,4'-DDT

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 512515
Conc: 0.04 ng/ml



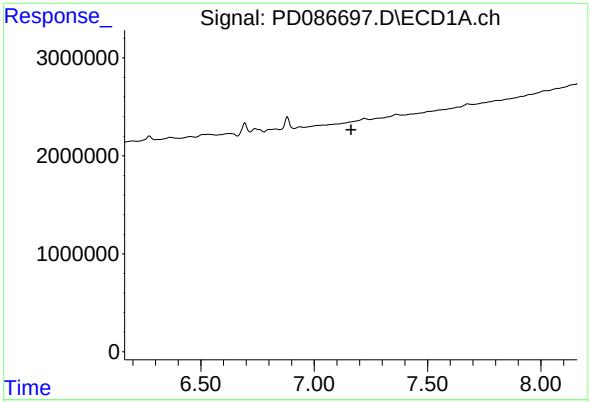
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: 0.007 min
Response: -397957
Conc: N.D.



#18 Endrin aldehyde

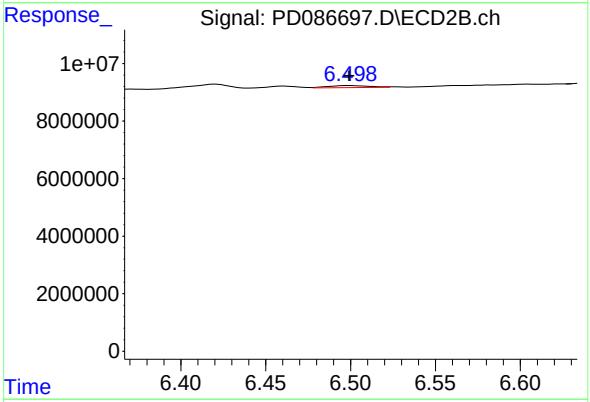
R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 1170149
Conc: 0.12 ng/ml



#19 Endosulfan Sulfate

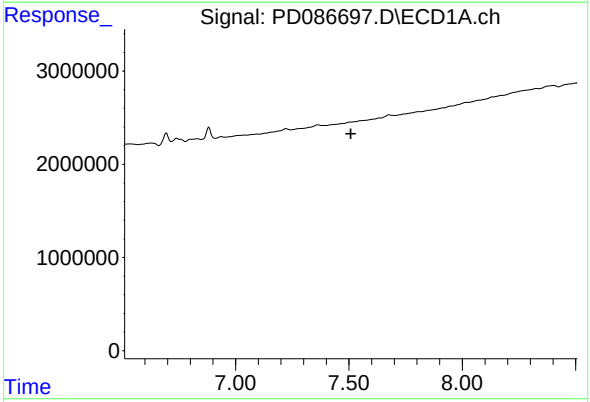
R.T.: 0.000 min
Exp R.T. : 7.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



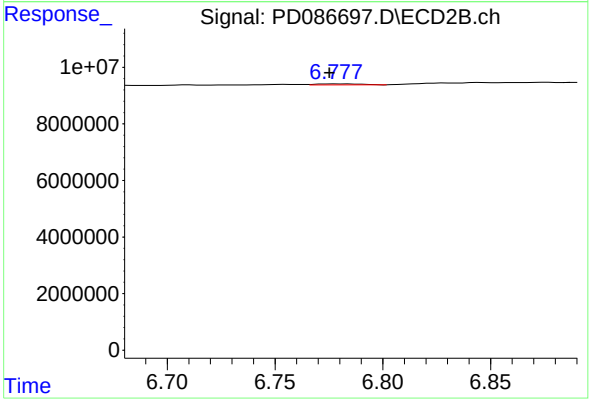
#19 Endosulfan Sulfate

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 1134401
Conc: 0.10 ng/ml



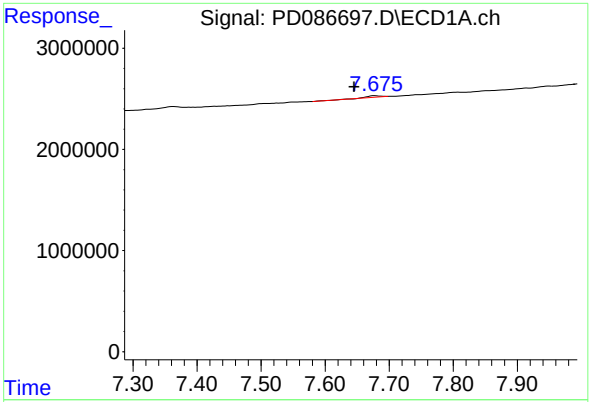
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.508 min
Response: 0
Conc: N.D.



#20 Methoxychlor

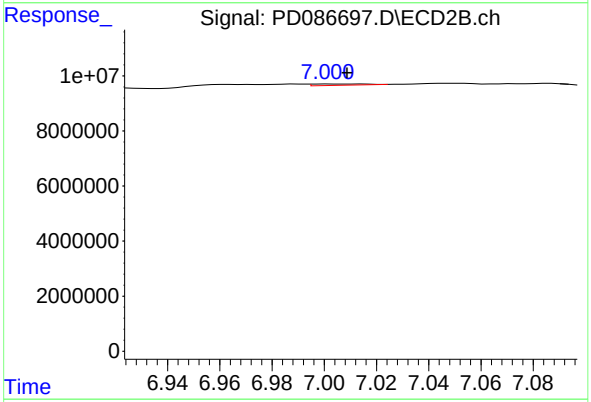
R.T.: 6.779 min
Delta R.T.: 0.004 min
Response: 523717
Conc: 0.08 ng/ml



#21 Endrin ketone

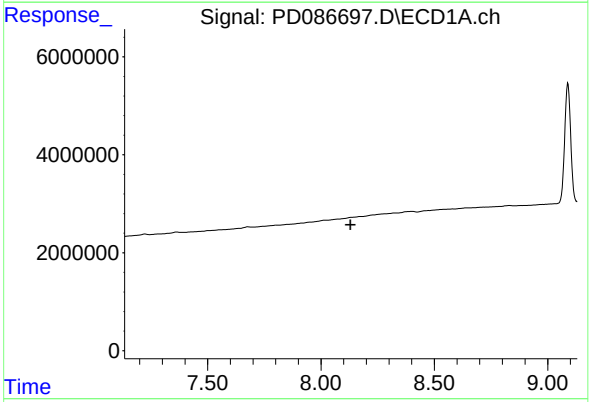
R.T.: 7.677 min
Delta R.T.: 0.032 min
Response: 185877
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



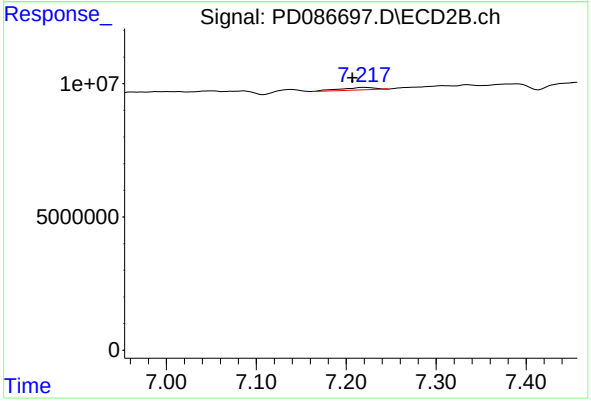
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: -0.007 min
Response: 635157
Conc: 0.05 ng/ml



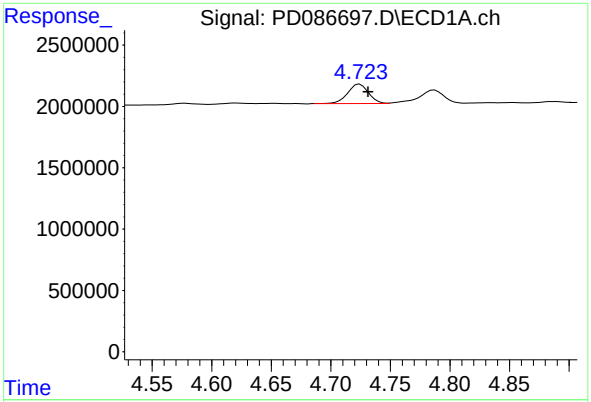
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.130 min
Response: 0
Conc: N.D.



#22 Mirex

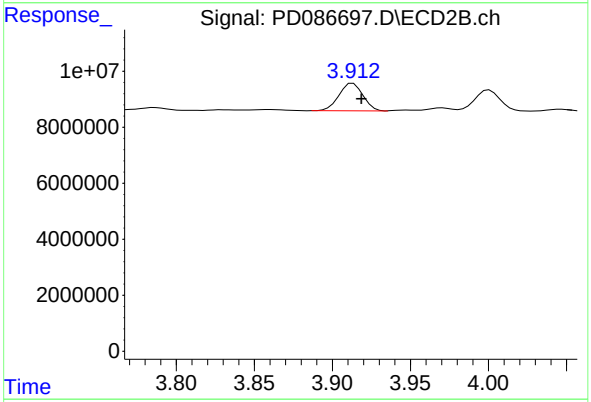
R.T.: 7.220 min
Delta R.T.: 0.013 min
Response: 2448823
Conc: 0.24 ng/ml



#23 Chlordane-1

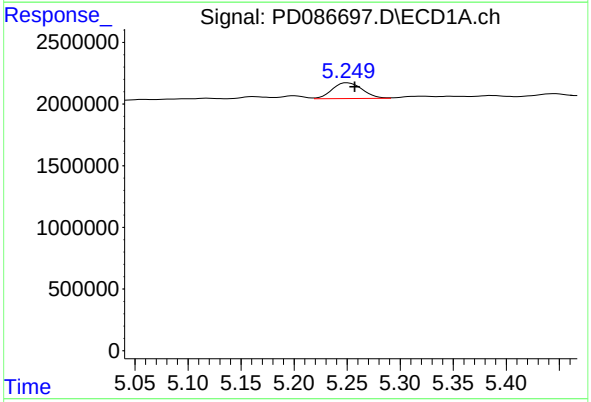
R.T.: 4.724 min
Delta R.T.: -0.007 min
Response: 1924527
Conc: 21.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



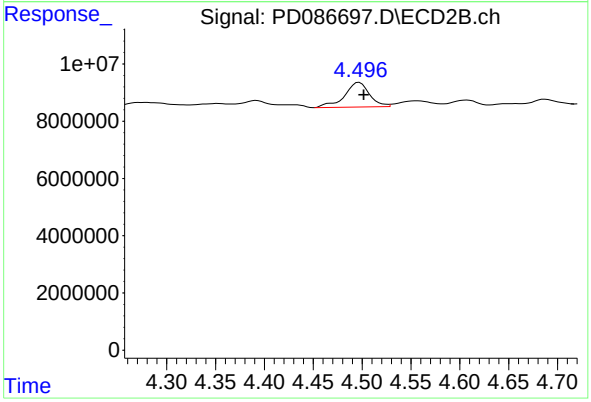
#23 Chlordane-1

R.T.: 3.913 min
Delta R.T.: -0.005 min
Response: 10568492
Conc: 22.73 ng/ml



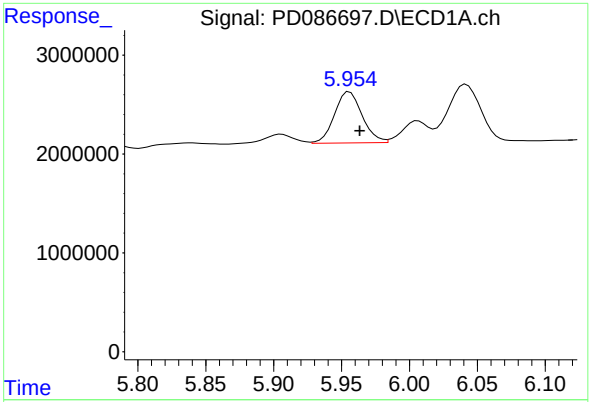
#24 Chlordane-2

R.T.: 5.250 min
Delta R.T.: -0.007 min
Response: 2526353
Conc: 25.86 ng/ml



#24 Chlordane-2

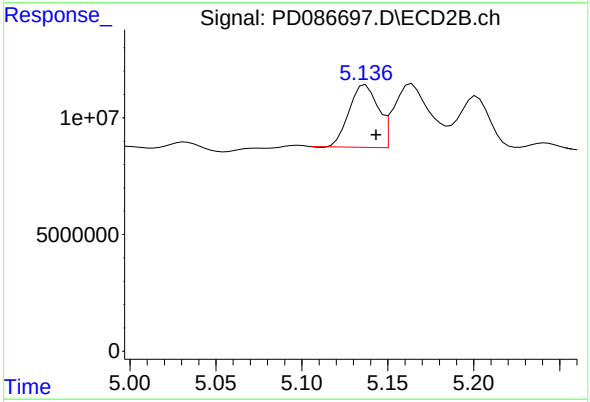
R.T.: 4.497 min
Delta R.T.: -0.004 min
Response: 15366678
Conc: 31.02 ng/ml



#25 Chlordane-3

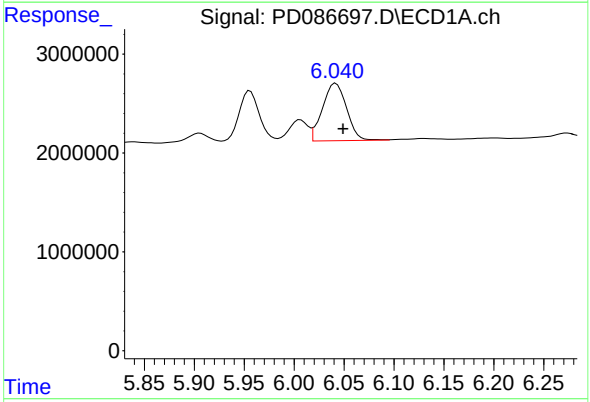
R.T.: 5.956 min
Delta R.T.: -0.008 min
Response: 7359810
Conc: 19.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



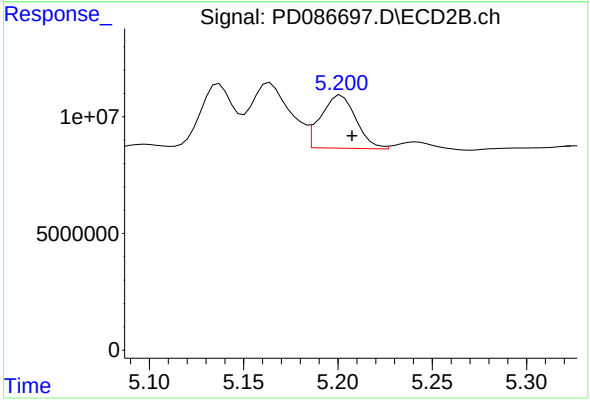
#25 Chlordane-3

R.T.: 5.137 min
Delta R.T.: -0.006 min
Response: 31289980
Conc: 21.02 ng/ml



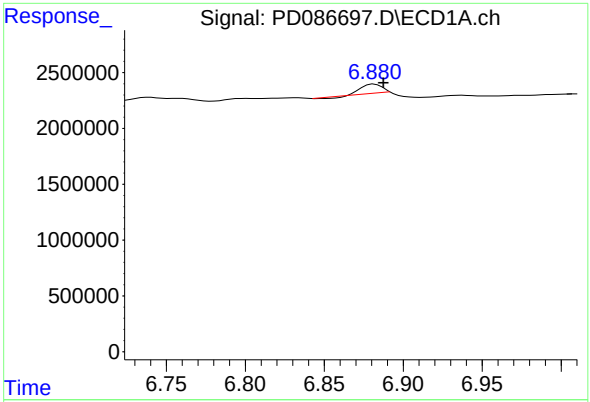
#26 Chlordane-4

R.T.: 6.042 min
Delta R.T.: -0.007 min
Response: 9789085
Conc: 21.31 ng/ml



#26 Chlordane-4

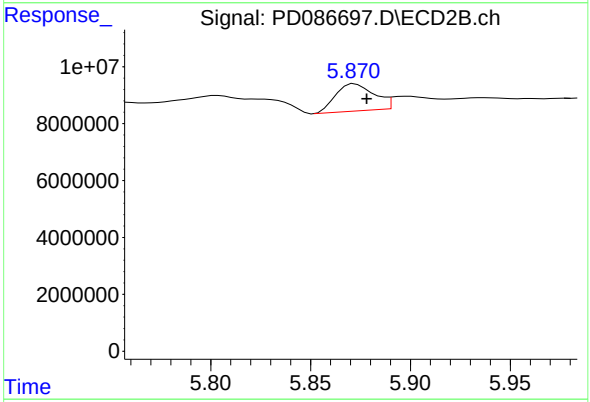
R.T.: 5.202 min
Delta R.T.: -0.006 min
Response: 29545645
Conc: 23.52 ng/ml



#27 Chlordane-5

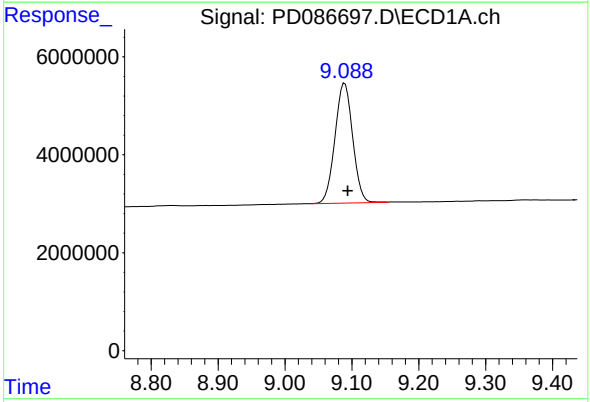
R.T.: 6.882 min
Delta R.T.: -0.006 min
Response: 724593
Conc: 9.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



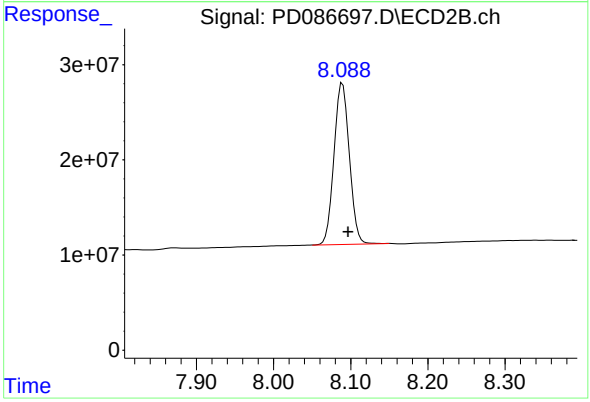
#27 Chlordane-5

R.T.: 5.872 min
Delta R.T.: -0.006 min
Response: 12793466
Conc: 31.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: -0.005 min
Response: 45027677
Conc: 23.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: -0.007 min
Response: 235006153
Conc: 21.94 ng/ml