Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101824\
Data File : PD086101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2024 13:22
Operator : AR\AJ
Sample : P4368-07
Misc : CHLOR LOD 25PPB WATER
ALS Vial : 9 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: Oct 18 03:25:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
Quant Title : GC Extractables
QLast Update : Fri Oct 11 13:57:25 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...	3.451	2.876	23078361	124.1E6	19.010	19.877	
28)	SA Decachlor...	8.906	8.060	41839485	121.2E6	19.375	22.755	
	Target Compounds							
2)	A alpha-BHC	3.860f	3.380	276293	635641	0.128	0.070	#
3)	MA gamma-BHC...	0.000	3.725	0	1856888	N.D.	0.217	#
4)	MA Heptachlor	4.814	4.071	2303585	10997548	1.153	1.540	#
5)	MB Aldrin	5.126f	4.369	2331665	30596879	1.023	3.550	#
6)	B beta-BHC	4.372f	4.023	309697	1322487	0.348	0.358	
7)	B delta-BHC	4.671f	4.252	-547556	18508499	N.D.	2.236	
8)	B Heptachlo...	5.564	4.876f	17099343	-1600781	8.201	N.D.	#
9)	A Endosulfan I	5.913f	5.212f	11313875	7271811	5.818	1.061	#
10)	B gamma-Chl...	5.828	5.112	6178065	24983782	3.068	3.305	
11)	B alpha-Chl...	5.913	5.176	11313875	32138979	5.540	4.269	
12)	B 4,4'-DDE	0.000	5.362	0	174646	N.D.	0.026	#
13)	MA Dieldrin	6.229	5.479f	308262	892148	0.150	0.118	
14)	MA Endrin	0.000	5.783	0	9910613	N.D.	1.593	#
15)	B Endosulfa...	6.660	6.077	2041852	8451060	1.116	1.334	
16)	A 4,4'-DDD	6.567	5.910	3769997	-142542	2.756	N.D.	#
17)	MA 4,4'-DDT	0.000	6.171	0	790157	N.D.	0.150	#
19)	B Endosulfa...	7.028	6.472	278427	137391	0.160	0.024	#
20)	A Methoxychlor	7.371	6.740	402328	583126	0.446	0.218	#
22)	Mirex	7.991f	7.173	1286675	1455583	0.761	0.249	#
23)	Chlordane-1	4.602	3.894	277683	8247965	3.695	29.468	#
24)	Chlordane-2	5.126	4.475	2331665	18985726	27.937	61.615	#
25)	Chlordane-3	5.828	5.112	6178065	24983782	19.437	30.872	#
26)	Chlordane-4	5.913	5.176	11313875	32138979	28.784	44.077	#
27)	Chlordane-5	0.000	6.077	0	8451060	N.D.	27.922	#

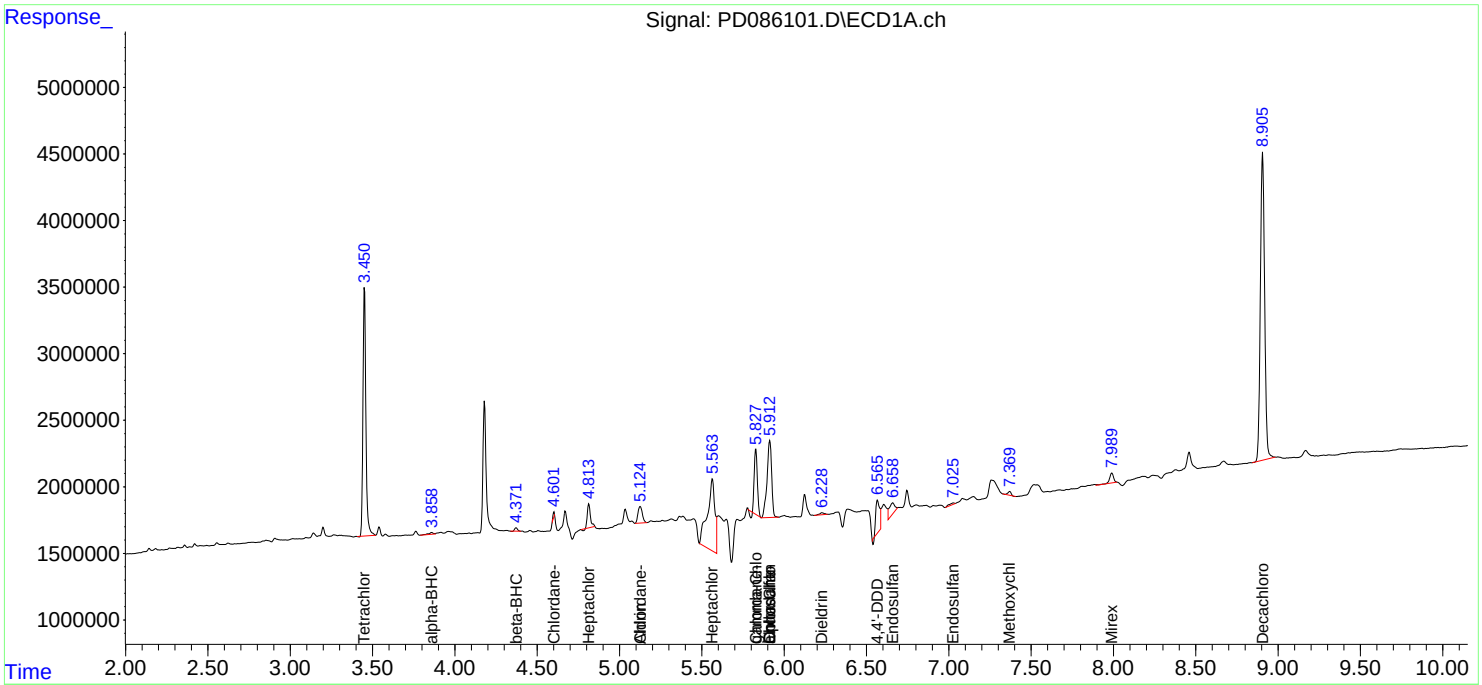
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

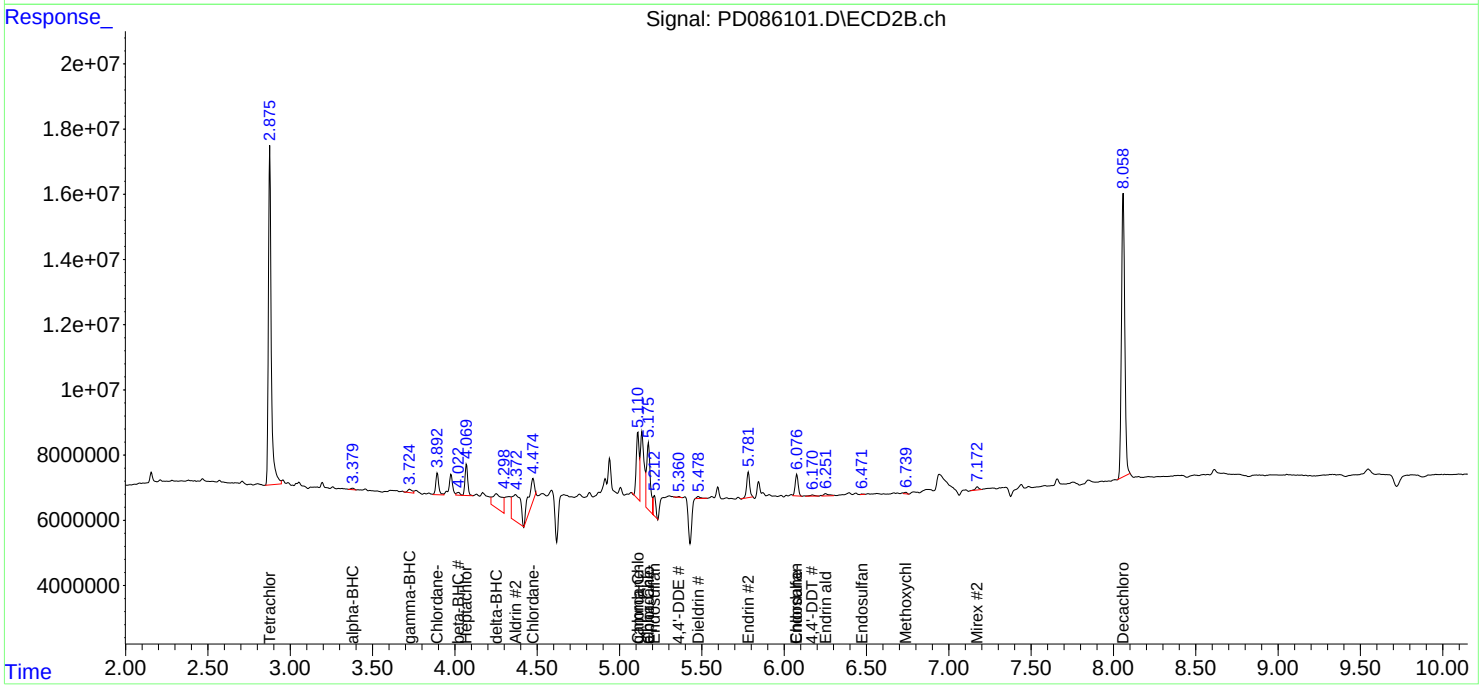
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101824\
Data File : PD086101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2024 13:22
Operator : AR\AJ
Sample : P4368-07
Misc : CHLOR LOD 25PPB WATER
ALS Vial : 9 Sample Multiplier: 1

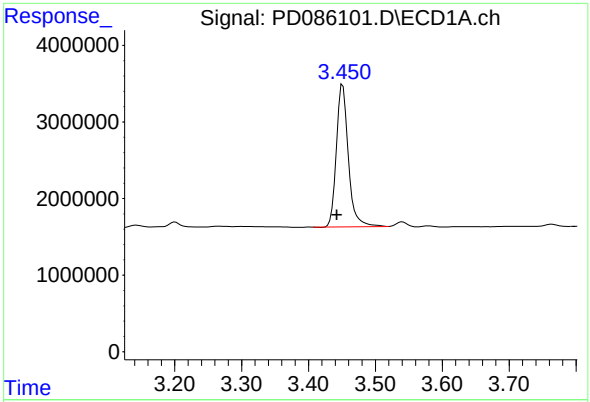
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 18 03:25:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
Quant Title : GC Extractables
QLast Update : Fri Oct 11 13:57:25 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



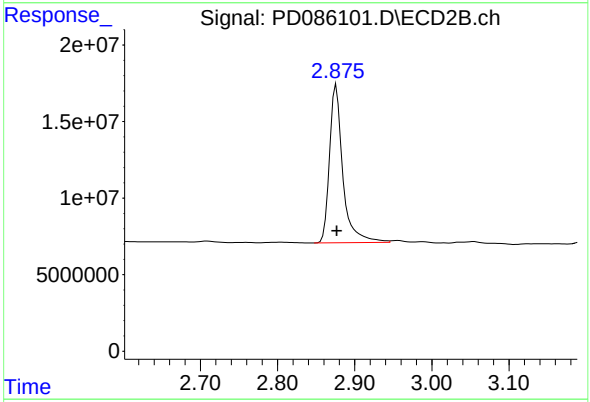




#1 Tetrachloro-m-xylene

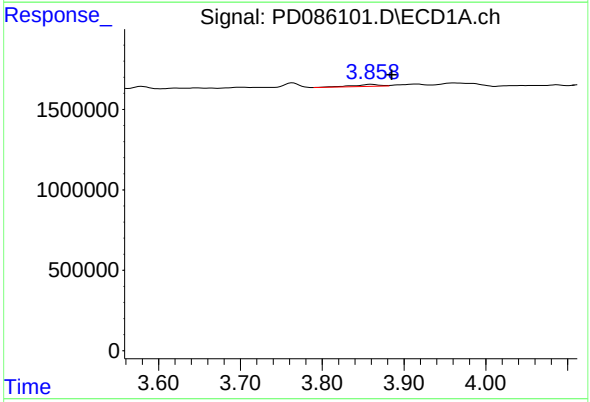
R.T.: 3.451 min
Delta R.T.: 0.009 min
Response: 23078361
Conc: 19.01 ng/ml

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



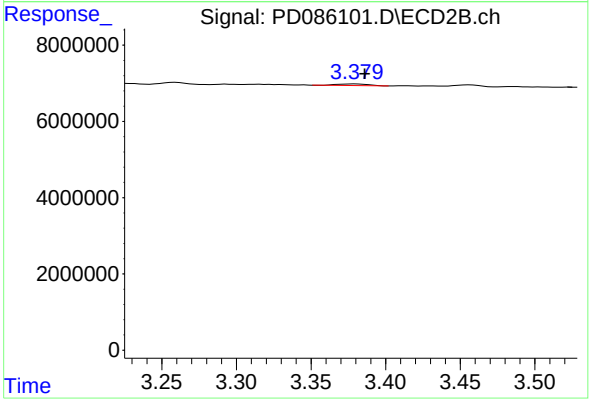
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 124091280
Conc: 19.88 ng/ml



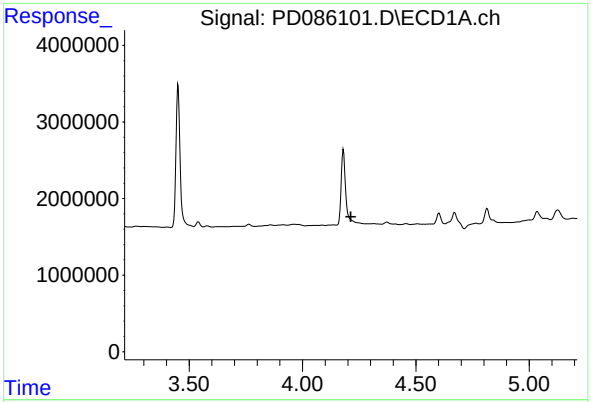
#2 alpha-BHC

R.T.: 3.860 min
Delta R.T.: -0.025 min
Response: 276293
Conc: 0.13 ng/ml



#2 alpha-BHC

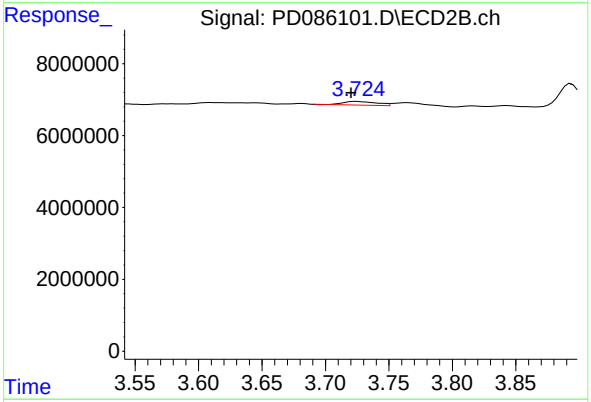
R.T.: 3.380 min
Delta R.T.: -0.006 min
Response: 635641
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

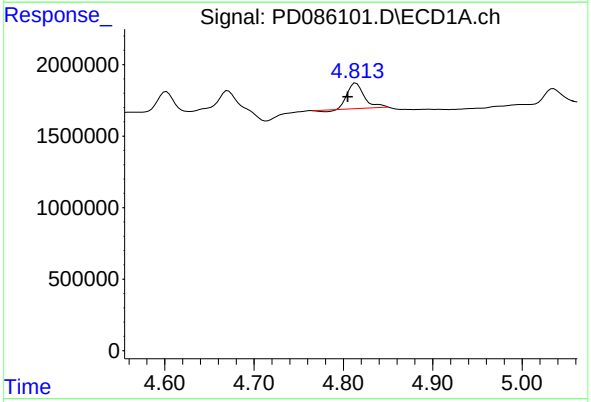
R.T.: 0.000 min
Exp R.T. : 4.213 min
Response: 0
Conc: N.D.

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



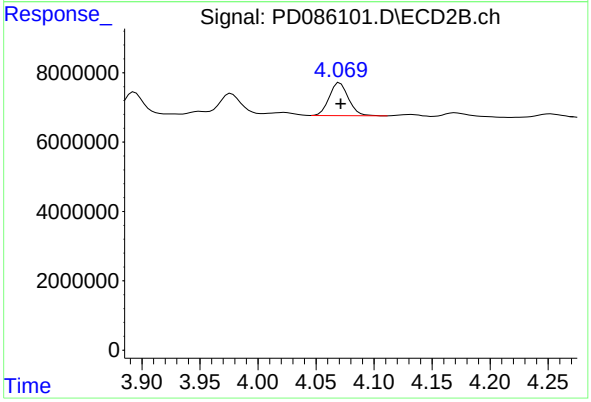
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.005 min
Response: 1856888
Conc: 0.22 ng/ml



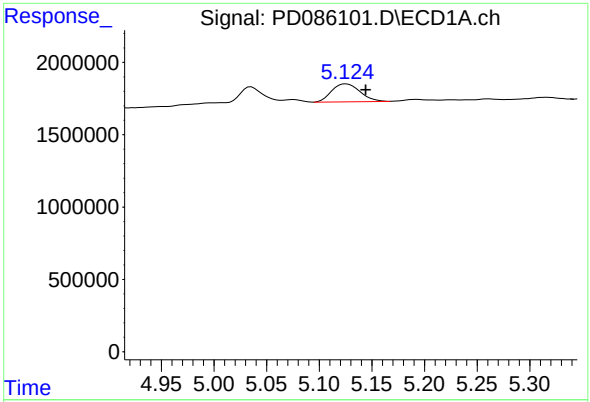
#4 Heptachlor

R.T.: 4.814 min
Delta R.T.: 0.009 min
Response: 2303585
Conc: 1.15 ng/ml



#4 Heptachlor

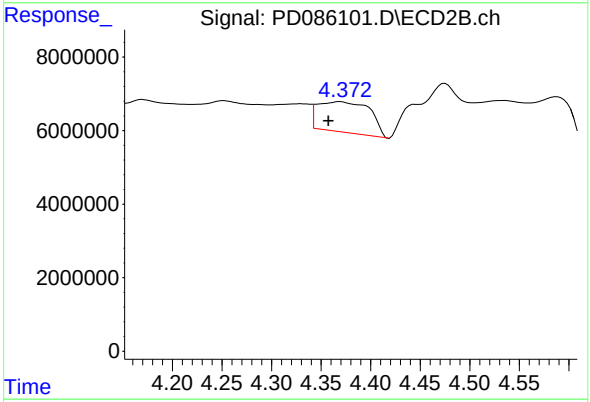
R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 10997548
Conc: 1.54 ng/ml



#5 Aldrin

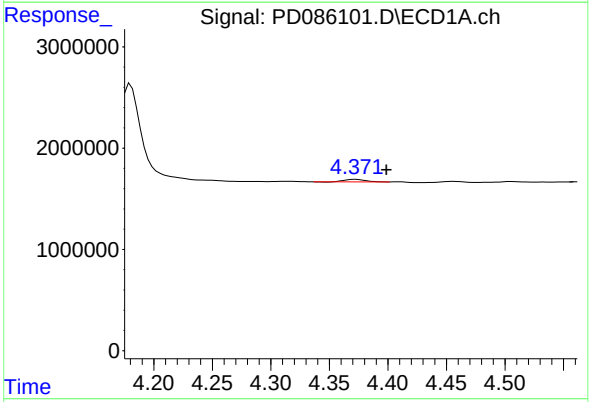
R.T.: 5.126 min
Delta R.T.: -0.018 min
Response: 2331665
Conc: 1.02 ng/ml

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



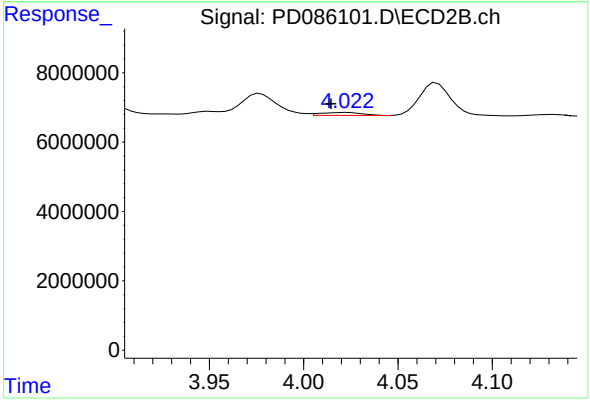
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.012 min
Response: 30596879
Conc: 3.55 ng/ml



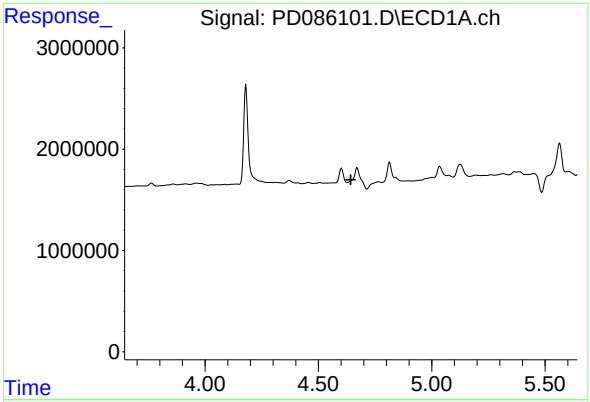
#6 beta-BHC

R.T.: 4.372 min
Delta R.T.: -0.026 min
Response: 309697
Conc: 0.35 ng/ml



#6 beta-BHC

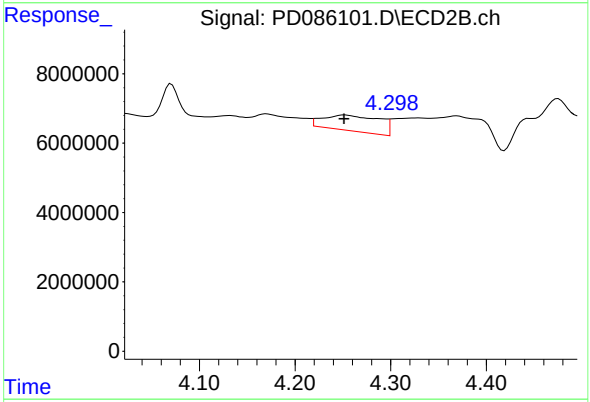
R.T.: 4.023 min
Delta R.T.: 0.008 min
Response: 1322487
Conc: 0.36 ng/ml



#7 delta-BHC

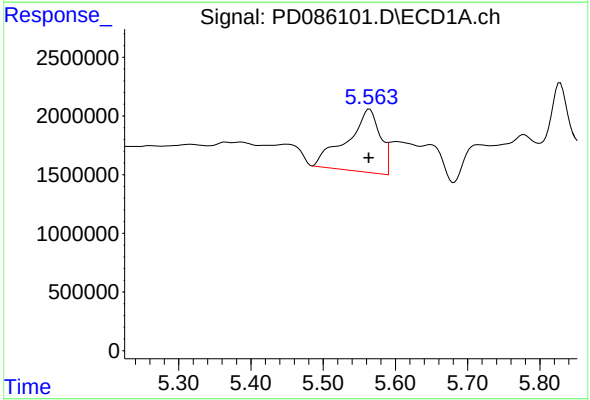
R.T.: 4.671 min
Delta R.T.: 0.027 min
Response: -547556
Conc: N.D.

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



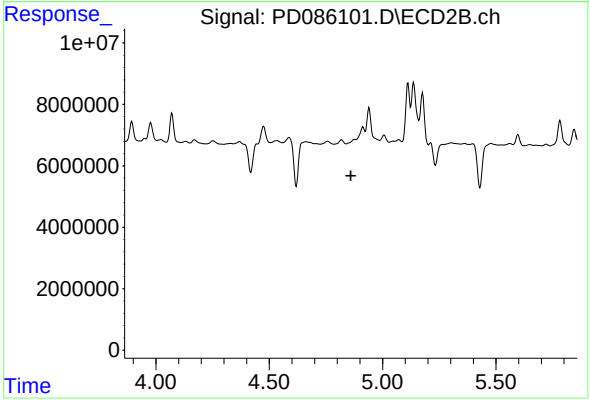
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 18508499
Conc: 2.24 ng/ml



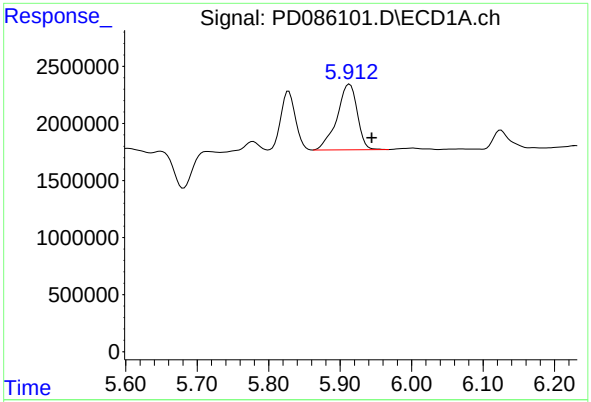
#8 Heptachlor epoxide

R.T.: 5.564 min
Delta R.T.: 0.001 min
Response: 17099343
Conc: 8.20 ng/ml



#8 Heptachlor epoxide

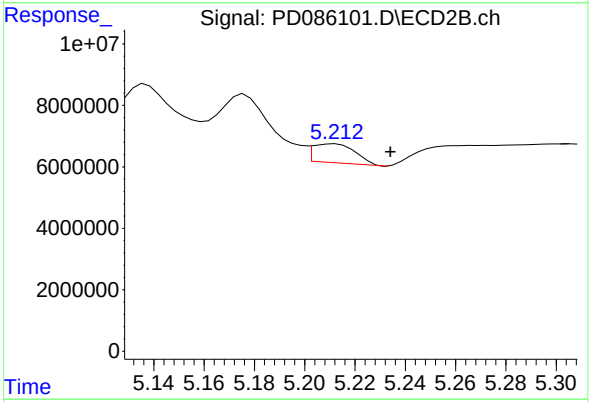
R.T.: 4.876 min
Delta R.T.: 0.016 min
Response: -1600781
Conc: N.D.



#9 Endosulfan I

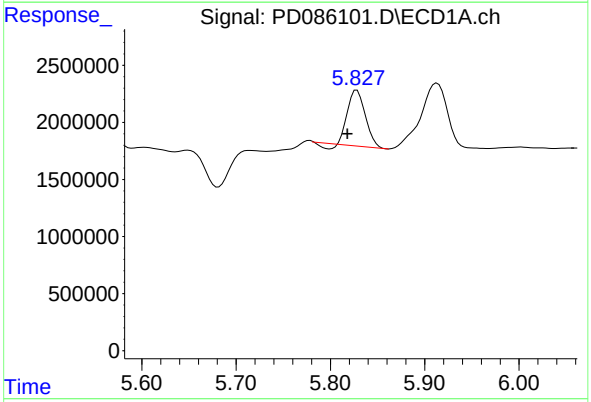
R.T.: 5.913 min
Delta R.T.: -0.031 min
Response: 11313875
Conc: 5.82 ng/ml

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



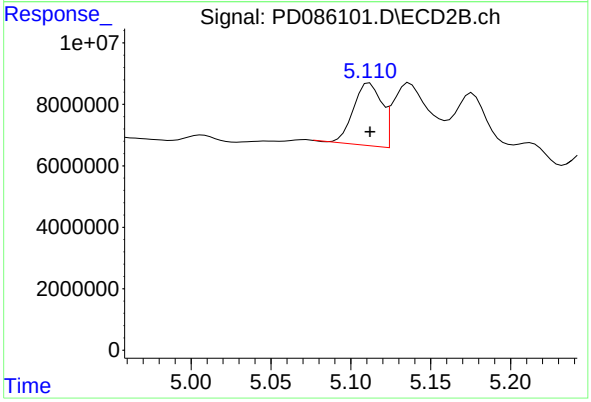
#9 Endosulfan I

R.T.: 5.212 min
Delta R.T.: -0.022 min
Response: 7271811
Conc: 1.06 ng/ml



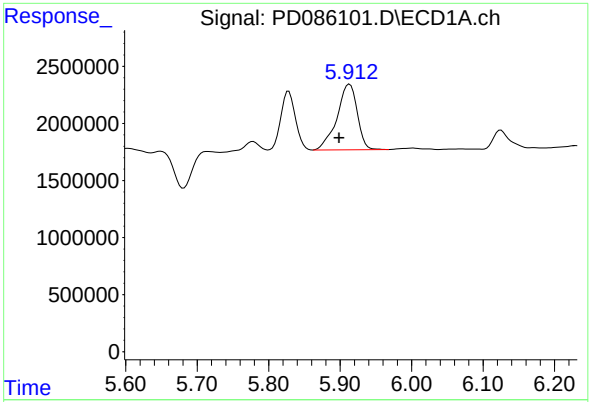
#10 gamma-Chlordane

R.T.: 5.828 min
Delta R.T.: 0.010 min
Response: 6178065
Conc: 3.07 ng/ml



#10 gamma-Chlordane

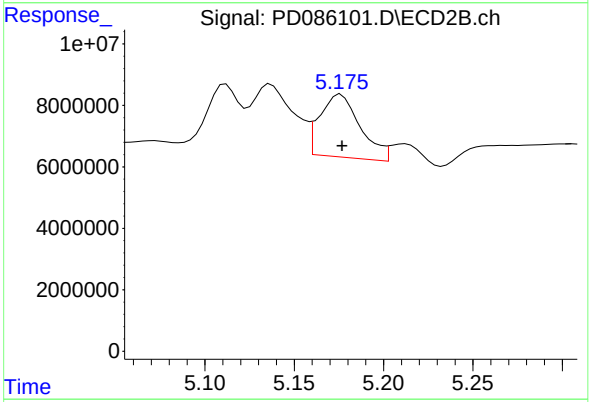
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 24983782
Conc: 3.30 ng/ml



#11 alpha-Chlordane

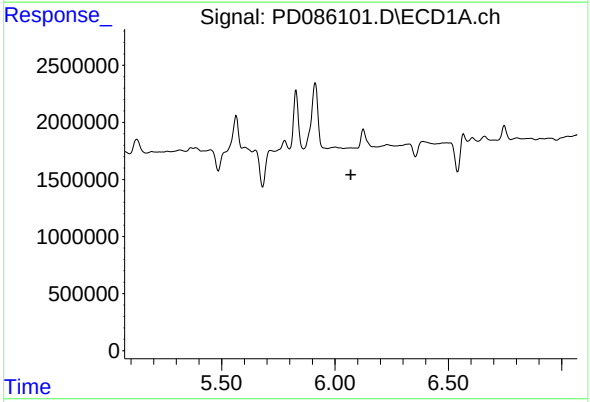
R.T.: 5.913 min
Delta R.T.: 0.015 min
Response: 11313875
Conc: 5.54 ng/ml

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



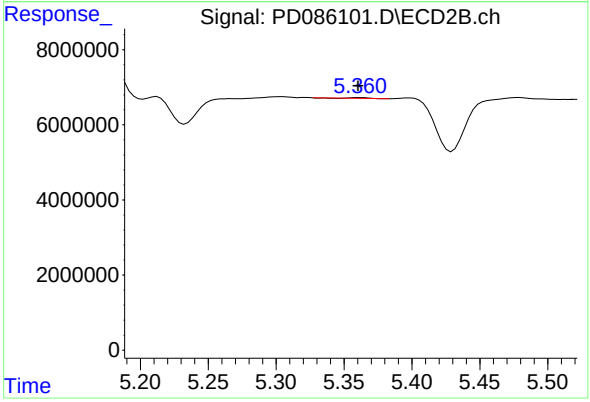
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 32138979
Conc: 4.27 ng/ml



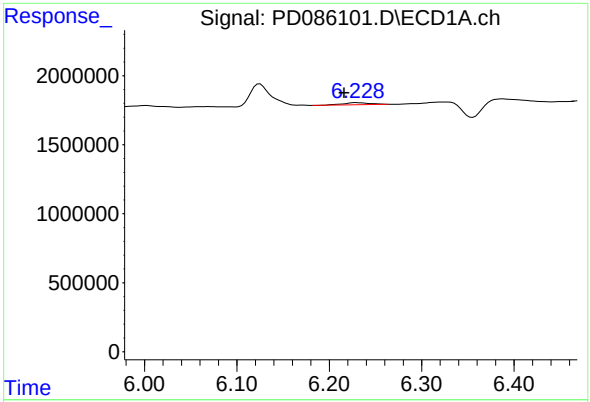
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.070 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

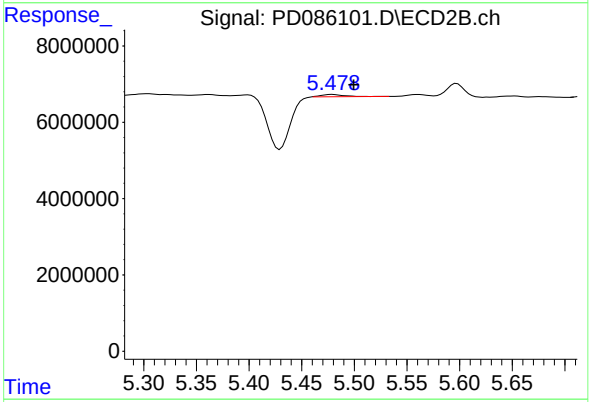
R.T.: 5.362 min
Delta R.T.: 0.001 min
Response: 174646
Conc: 0.03 ng/ml



#13 Dieldrin

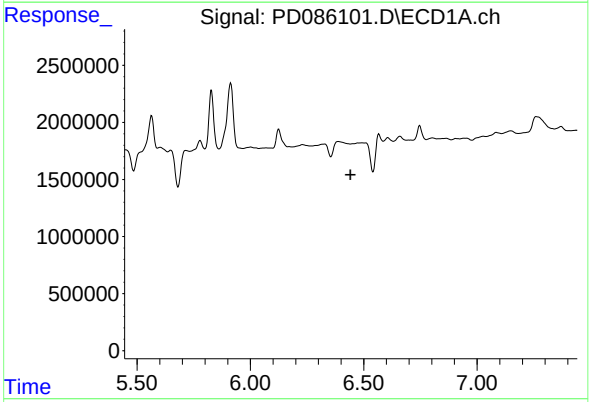
R.T.: 6.229 min
Delta R.T.: 0.013 min
Response: 308262
Conc: 0.15 ng/ml

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



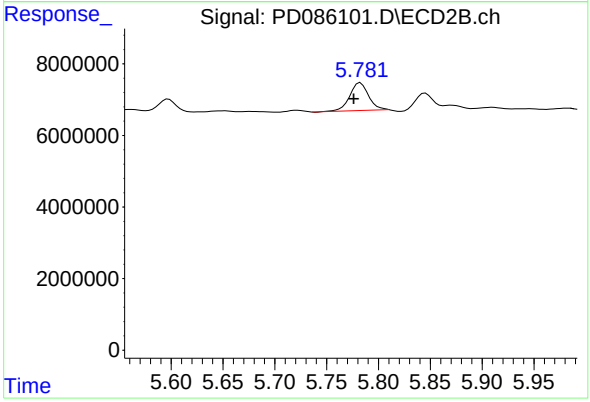
#13 Dieldrin

R.T.: 5.479 min
Delta R.T.: -0.020 min
Response: 892148
Conc: 0.12 ng/ml



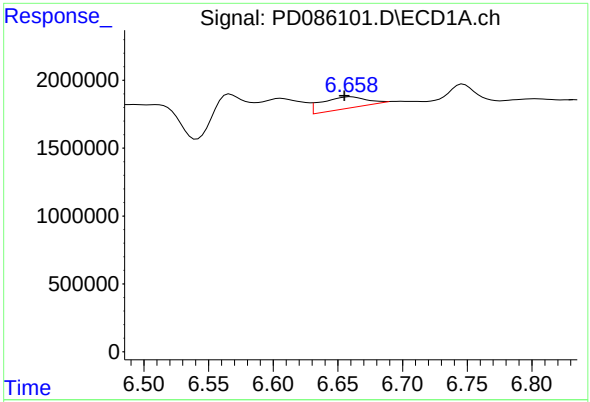
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.442 min
Response: 0
Conc: N.D.



#14 Endrin

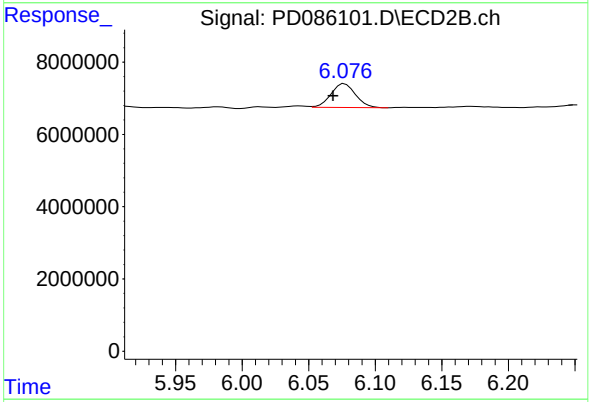
R.T.: 5.783 min
Delta R.T.: 0.007 min
Response: 9910613
Conc: 1.59 ng/ml



#15 Endosulfan II

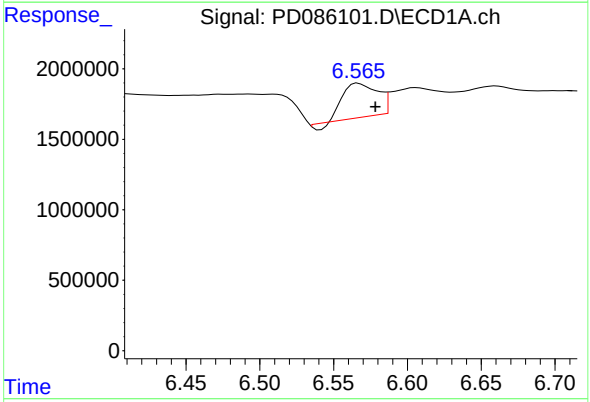
R.T.: 6.660 min
Delta R.T.: 0.005 min
Response: 2041852
Conc: 1.12 ng/ml

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



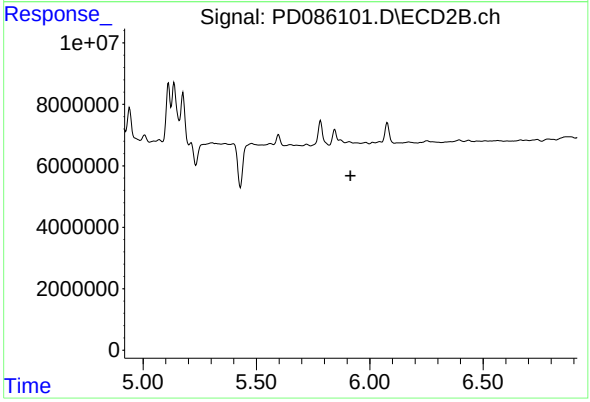
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.009 min
Response: 8451060
Conc: 1.33 ng/ml



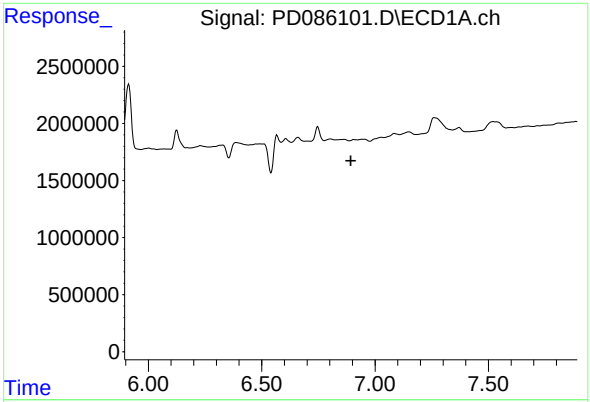
#16 4,4'-DDD

R.T.: 6.567 min
Delta R.T.: -0.012 min
Response: 3769997
Conc: 2.76 ng/ml



#16 4,4'-DDD

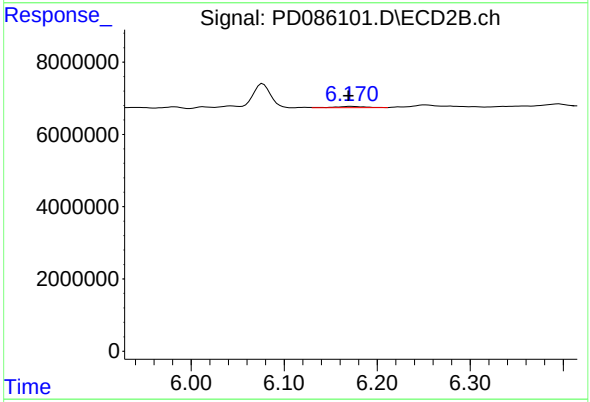
R.T.: 5.910 min
Delta R.T.: -0.005 min
Response: -142542
Conc: N.D.



#17 4,4'-DDT

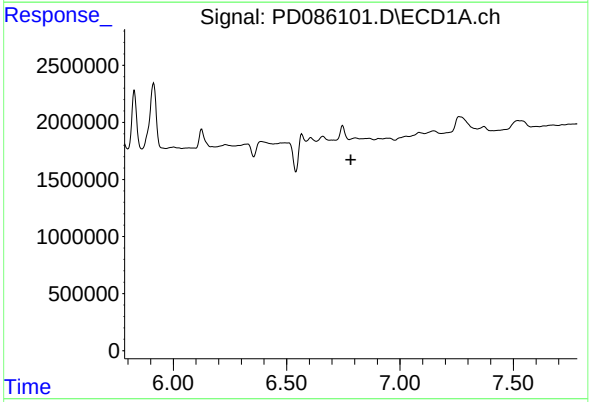
R.T.: 0.000 min
Exp R.T. : 6.893 min
Response: 0
Conc: N.D.

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



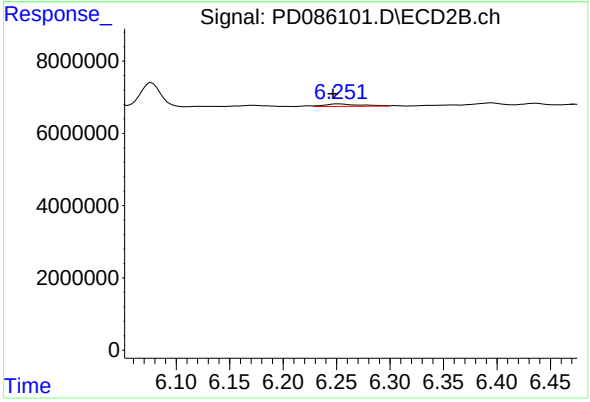
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.002 min
Response: 790157
Conc: 0.15 ng/ml



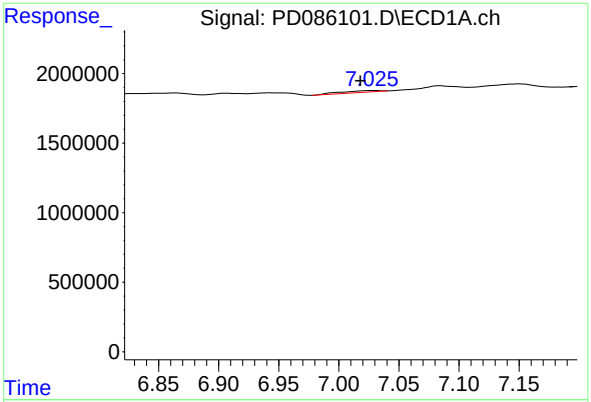
#18 Endrin aldehyde

R.T.: 6.803 min
Delta R.T.: 0.019 min
Response: -757072
Conc: N.D.



#18 Endrin aldehyde

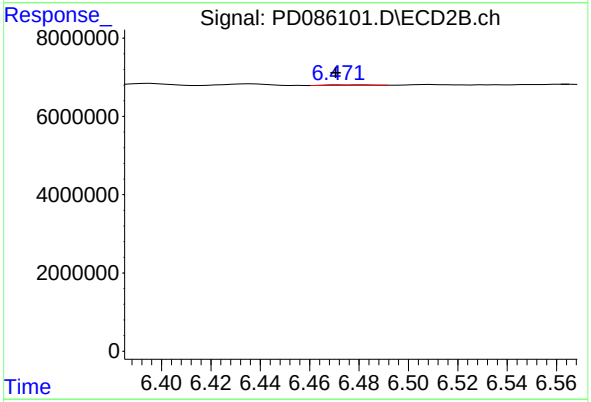
R.T.: 6.253 min
Delta R.T.: 0.006 min
Response: 1519671
Conc: 0.29 ng/ml



#19 Endosulfan Sulfate

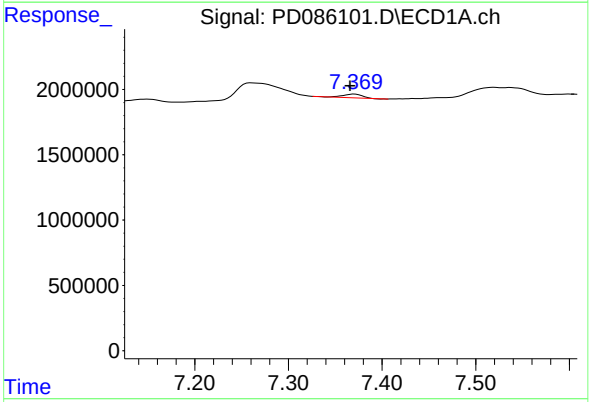
R.T.: 7.028 min
Delta R.T.: 0.010 min
Response: 278427
Conc: 0.16 ng/ml

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



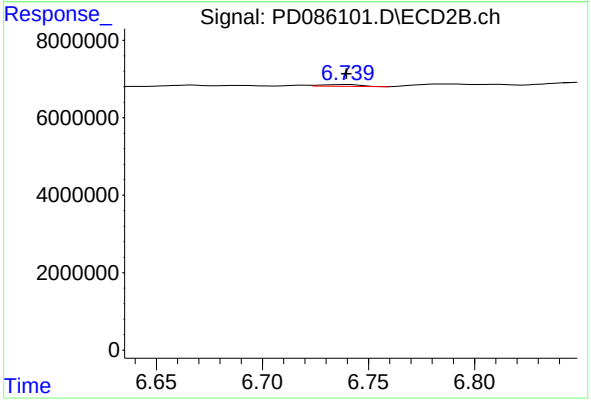
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.002 min
Response: 137391
Conc: 0.02 ng/ml



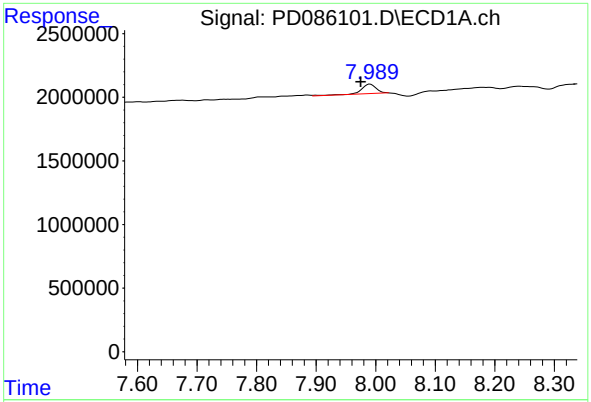
#20 Methoxychlor

R.T.: 7.371 min
Delta R.T.: 0.005 min
Response: 402328
Conc: 0.45 ng/ml



#20 Methoxychlor

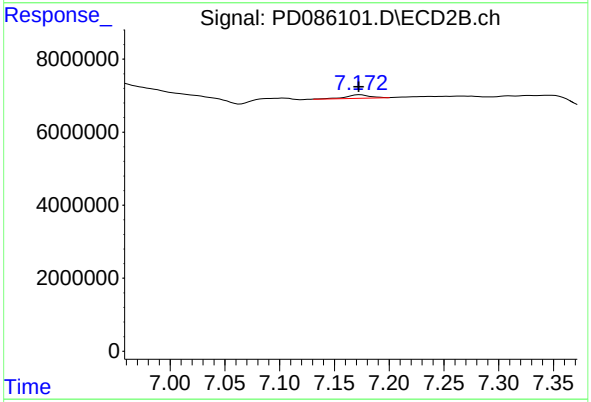
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 583126
Conc: 0.22 ng/ml



#22 Mirex

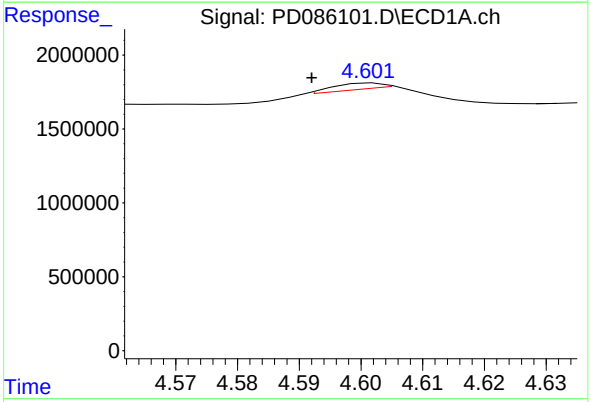
R.T.: 7.991 min
Delta R.T.: 0.016 min
Response: 1286675
Conc: 0.76 ng/ml

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



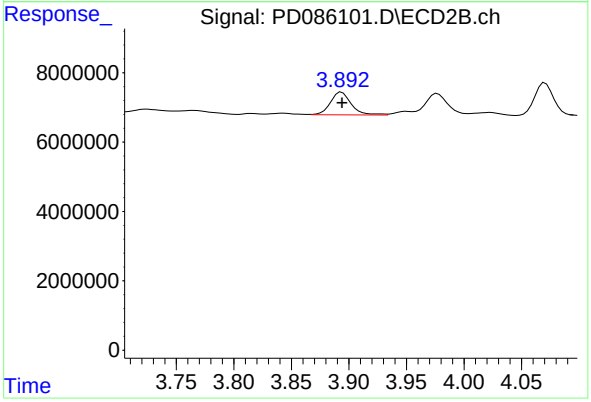
#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.001 min
Response: 1455583
Conc: 0.25 ng/ml



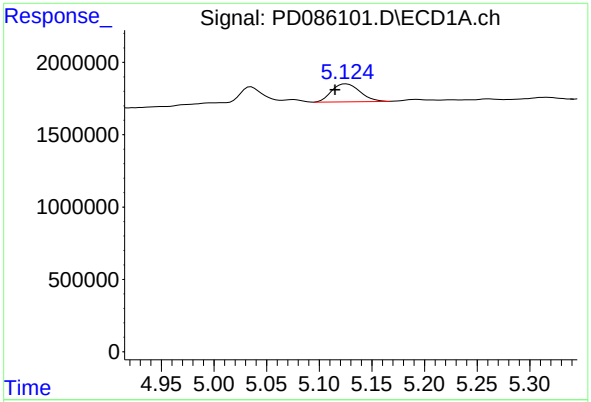
#23 Chlordane-1

R.T.: 4.602 min
Delta R.T.: 0.010 min
Response: 277683
Conc: 3.70 ng/ml



#23 Chlordane-1

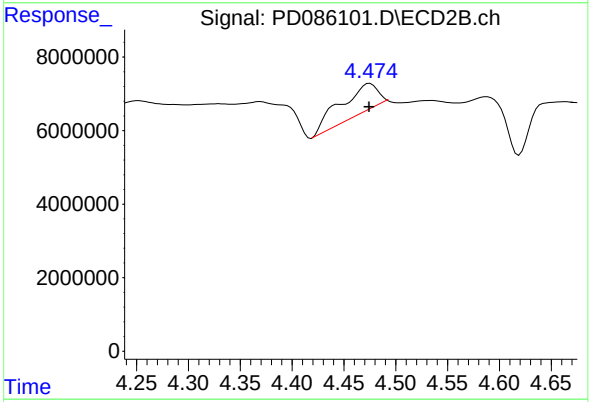
R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 8247965
Conc: 29.47 ng/ml



#24 Chlordane-2

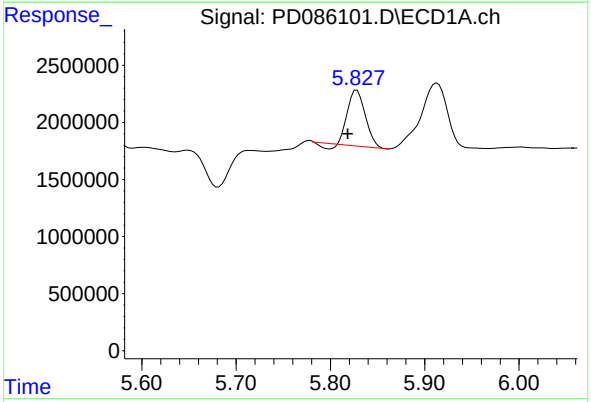
R.T.: 5.126 min
Delta R.T.: 0.010 min
Response: 2331665
Conc: 27.94 ng/ml

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



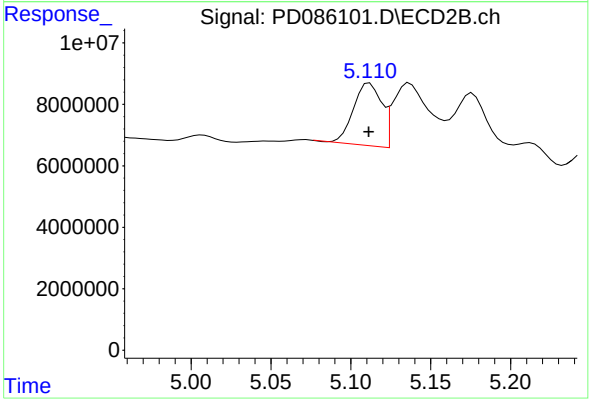
#24 Chlordane-2

R.T.: 4.475 min
Delta R.T.: 0.000 min
Response: 18985726
Conc: 61.62 ng/ml



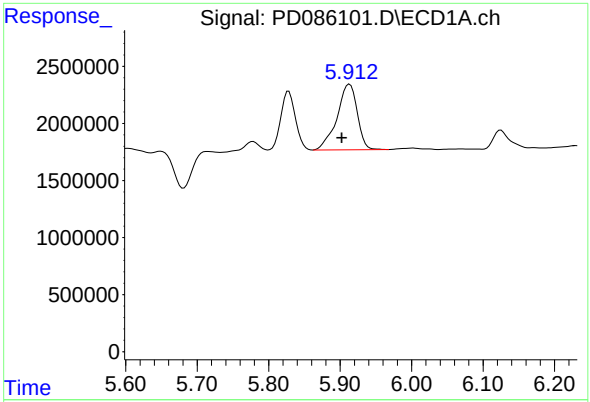
#25 Chlordane-3

R.T.: 5.828 min
Delta R.T.: 0.010 min
Response: 6178065
Conc: 19.44 ng/ml



#25 Chlordane-3

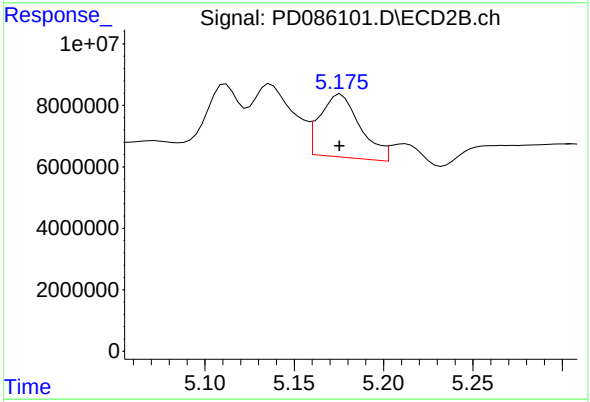
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 24983782
Conc: 30.87 ng/ml



#26 Chlordane-4

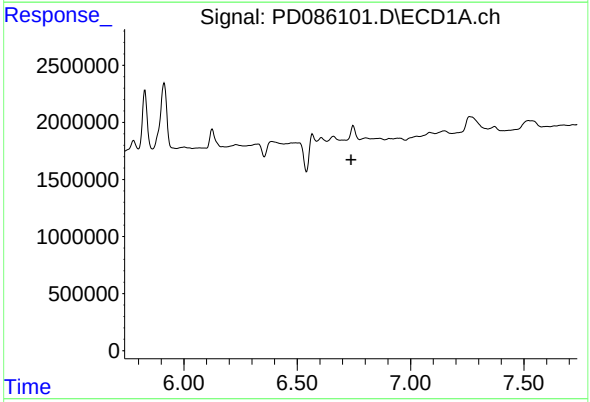
R.T.: 5.913 min
Delta R.T.: 0.011 min
Response: 11313875
Conc: 28.78 ng/ml

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



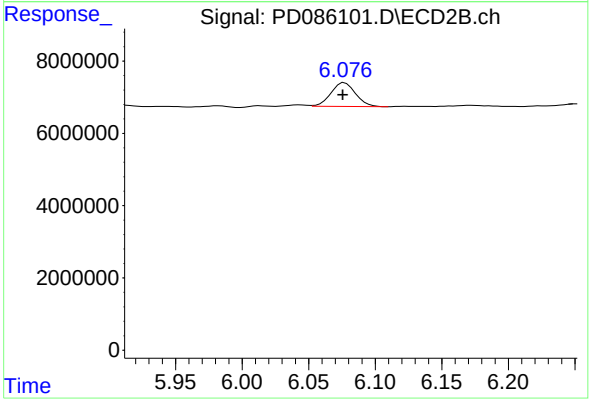
#26 Chlordane-4

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 32138979
Conc: 44.08 ng/ml



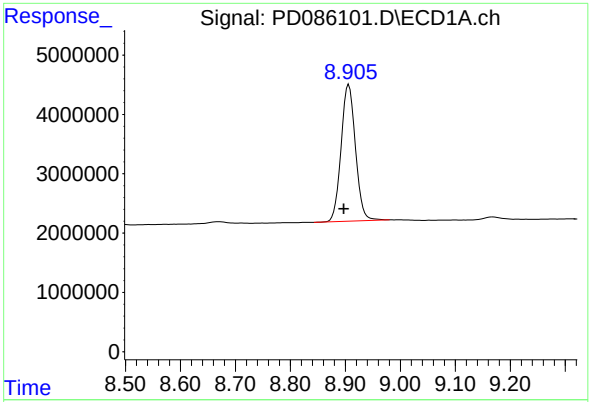
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.738 min
Response: 0
Conc: N.D.



#27 Chlordane-5

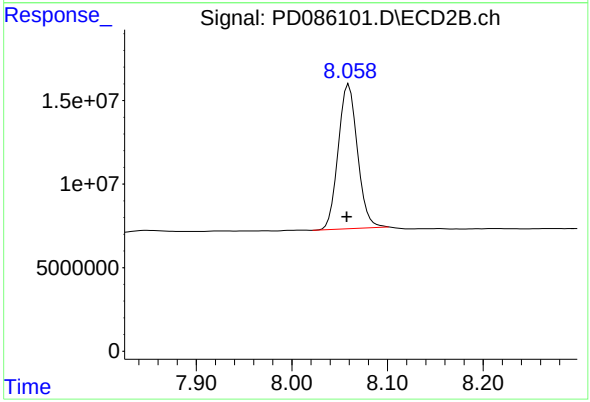
R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 8451060
Conc: 27.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: 0.009 min
Response: 41839485
Conc: 19.37 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 121206018
Conc: 22.75 ng/ml