

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
 Data File : PL090817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2024 13:21
 Operator : AR\AJ
 Sample : P3390-08
 Misc : CHLOR LOQ 50PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

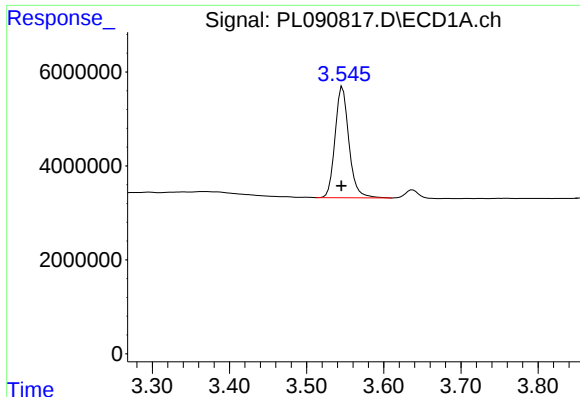
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:14:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.547	2.784	29593971	26429272	15.284	15.288
28)	SA Decachlor...	9.060	7.927	23791543	26552712	16.559	15.908
Target Compounds							
2)	A alpha-BHC	0.000	3.281	0	138067	N.D.	0.056 #
3)	MA gamma-BHC...	0.000	3.633	0	413972	N.D.	0.177 #
4)	MA Heptachlor	4.922	3.958	9555774	4848773	3.864	2.091 #
5)	MB Aldrin	5.237f	4.255	3210701	576634	1.336	0.260 #
6)	B beta-BHC	0.000	3.919	0	136935	N.D.	0.129 #
7)	B delta-BHC	0.000	4.141	0	589783	N.D.	0.264 #
8)	Heptachlo...	5.674f	0.000	4722640	0	2.078	N.D. #
9)	A Endosulfan I	0.000	5.099f	0	1069324	N.D.	0.554 #
10)	B gamma-Chl...	5.946	4.991	18632941	10586679	8.246	4.957 #
11)	B alpha-Chl...	6.028	5.054	22179637	10480115	9.904	4.912 #
12)	B 4,4'-DDE	0.000	5.238	0	75605	N.D.	0.040 #
13)	MA Dieldrin	0.000	5.399f	0	45383	N.D.	0.022 #
14)	MA Endrin	0.000	5.660	0	805352	N.D.	0.441 #
15)	B Endosulfa...	0.000	5.950	0	3775001	N.D.	2.078 #
16)	A 4,4'-DDD	0.000	5.782f	0	289392	N.D.	0.186 #
17)	MA 4,4'-DDT	0.000	6.052	0	178009	N.D.	0.107 #
18)	B Endrin al...	0.000	6.129	0	81933	N.D.	0.058 #
19)	B Endosulfa...	0.000	6.348	0	209023	N.D.	0.120 #
20)	A Methoxychlor	0.000	6.624	0	84897	N.D.	0.092 #
21)	B Endrin ke...	0.000	6.850	0	19252	N.D.	0.010 #
22)	Mirex	0.000	7.035	0	360000	N.D.	0.214 #
23)	Chlordane-1	4.708	3.783	4516341	3255915	48.268	48.292
24)	Chlordane-2	5.237	4.361	3210701	4458698	31.836	53.607 #
25)	Chlordane-3	5.946	4.991	18632941	10586679	56.661	47.277
26)	Chlordane-4	6.028	5.054	22179637	10480115	55.346	48.982
27)	Chlordane-5	0.000	5.720	0	4690167	N.D.	70.180 #

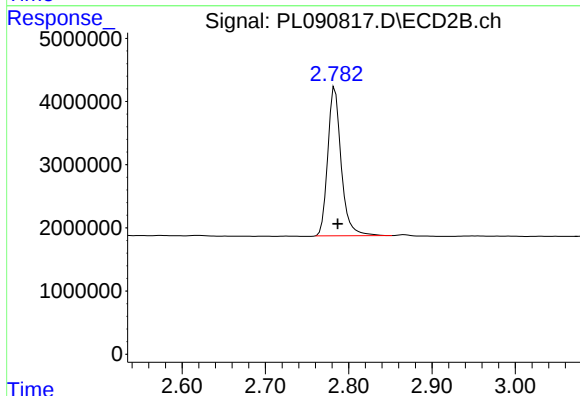
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

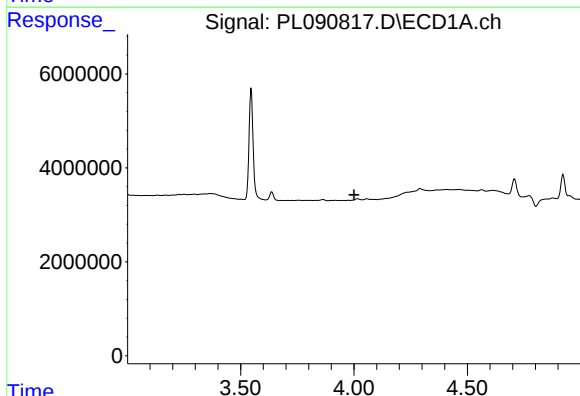
R.T.: 3.547 min
Delta R.T.: 0.002 min
Response: 29593971
Conc: 15.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



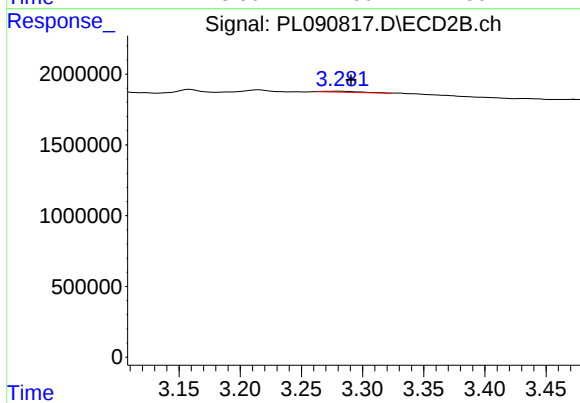
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.003 min
Response: 26429272
Conc: 15.29 ng/ml



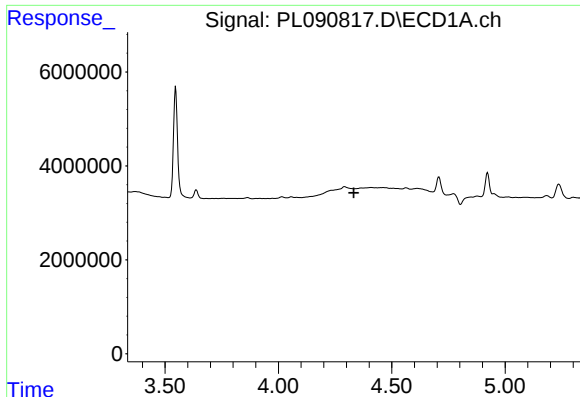
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#2 alpha-BHC

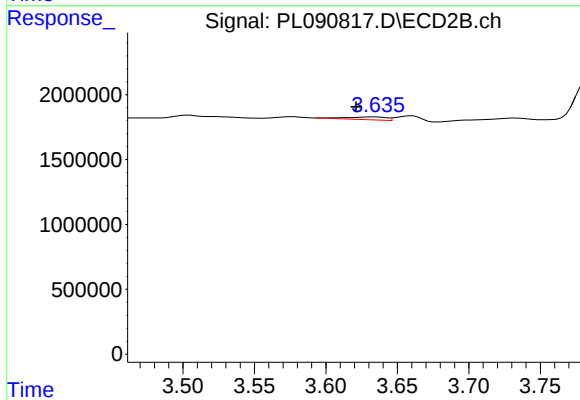
R.T.: 3.281 min
Delta R.T.: -0.010 min
Response: 138067
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

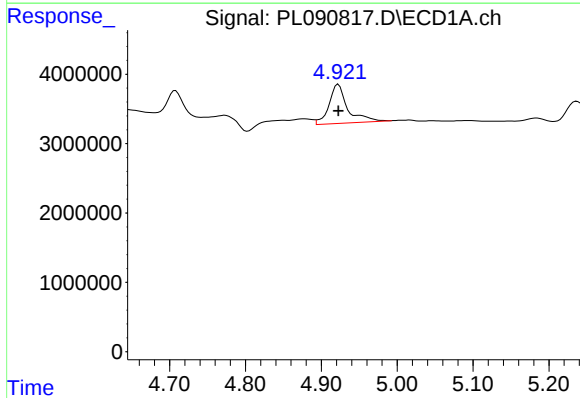
R.T.: 0.000 min
Exp R.T.: 4.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



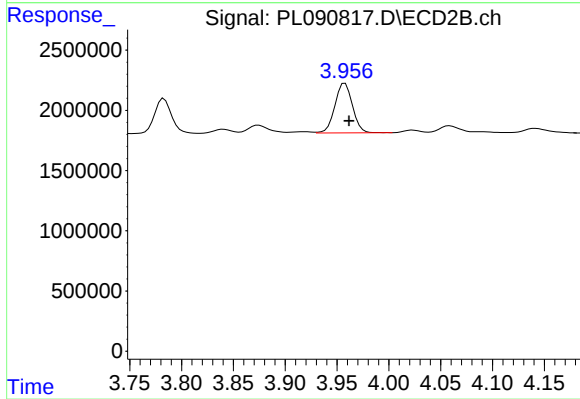
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.012 min
Response: 413972
Conc: 0.18 ng/ml



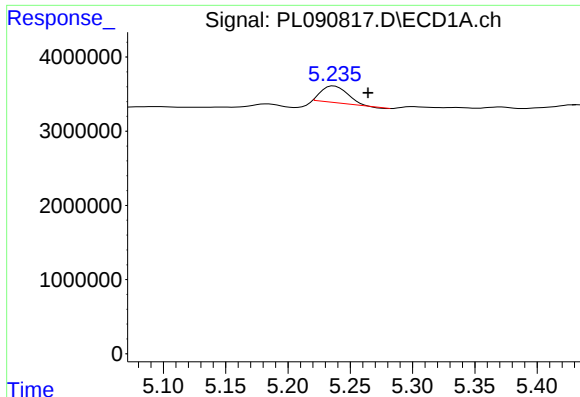
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 9555774
Conc: 3.86 ng/ml



#4 Heptachlor

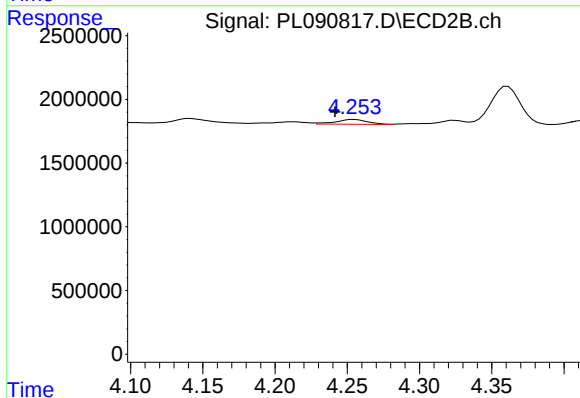
R.T.: 3.958 min
Delta R.T.: -0.004 min
Response: 4848773
Conc: 2.09 ng/ml



#5 Aldrin

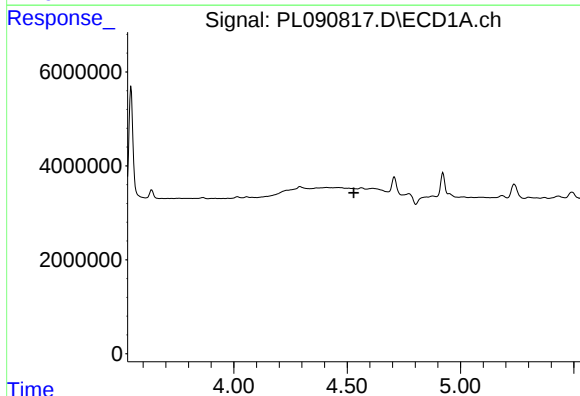
R.T.: 5.237 min
Delta R.T.: -0.027 min
Response: 3210701
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



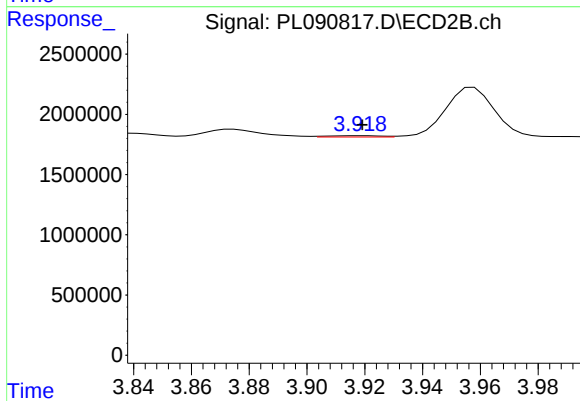
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.013 min
Response: 576634
Conc: 0.26 ng/ml



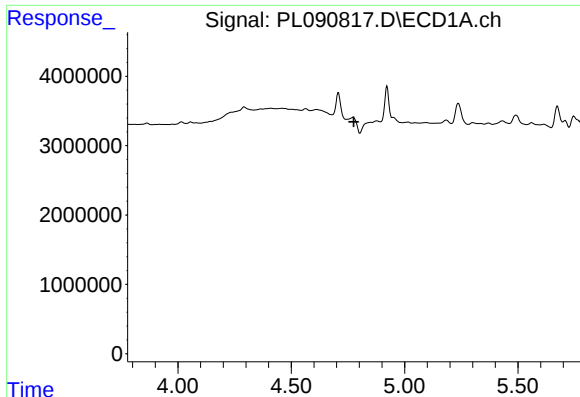
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.529 min
Response: 0
Conc: N.D.



#6 beta-BHC

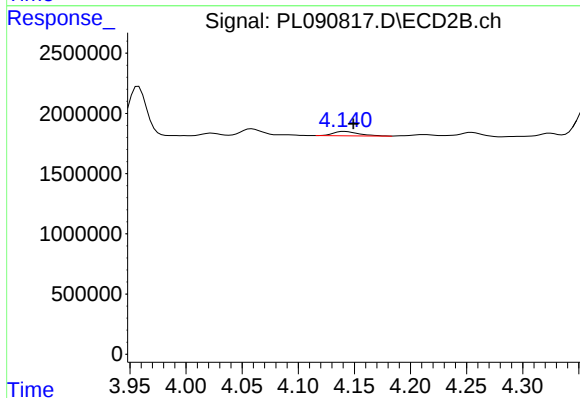
R.T.: 3.919 min
Delta R.T.: 0.000 min
Response: 136935
Conc: 0.13 ng/ml



#7 delta-BHC

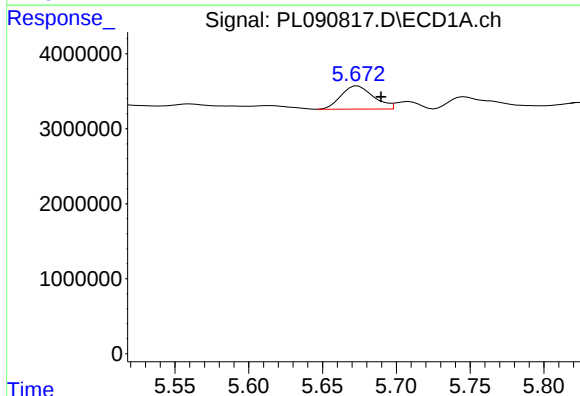
R.T.: 0.000 min
Exp R.T.: 4.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



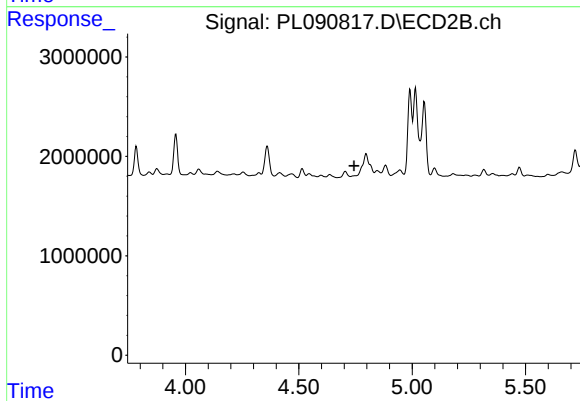
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: -0.008 min
Response: 589783
Conc: 0.26 ng/ml



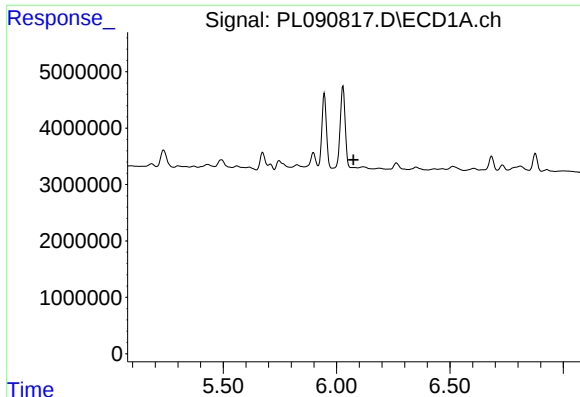
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.016 min
Response: 4722640
Conc: 2.08 ng/ml



#8 Heptachlor epoxide

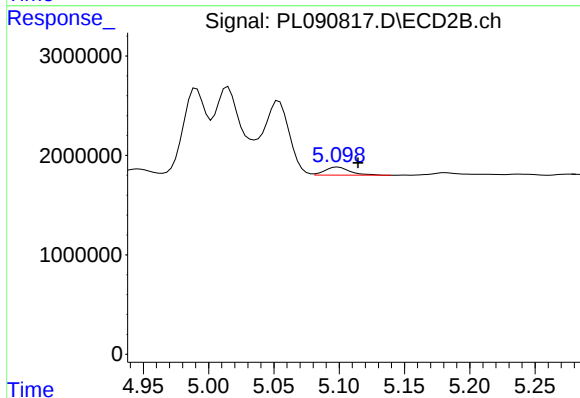
R.T.: 0.000 min
Exp R.T.: 4.744 min
Response: 0
Conc: N.D.



#9 Endosulfan I

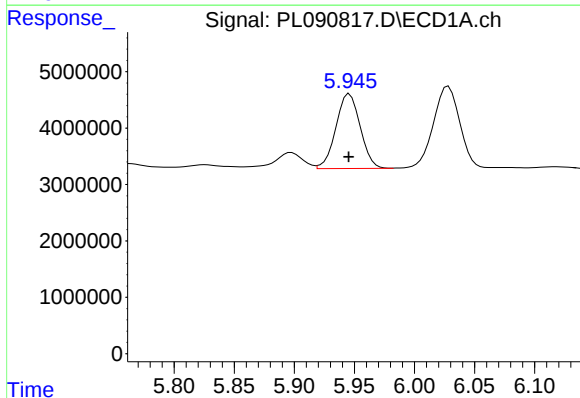
R.T.: 0.000 min
Exp R.T.: 6.075 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



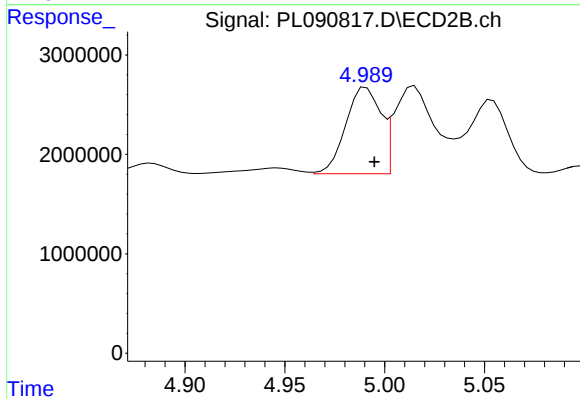
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: -0.015 min
Response: 1069324
Conc: 0.55 ng/ml



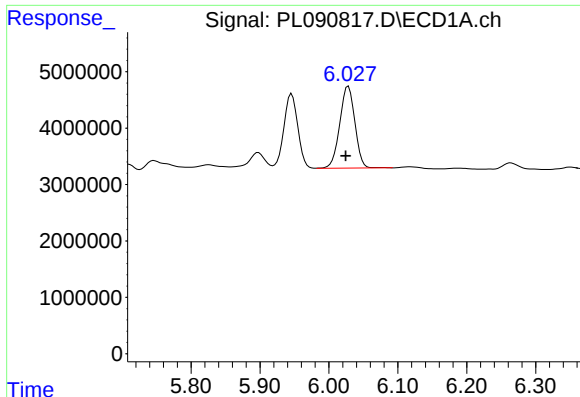
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 18632941
Conc: 8.25 ng/ml



#10 gamma-Chlordane

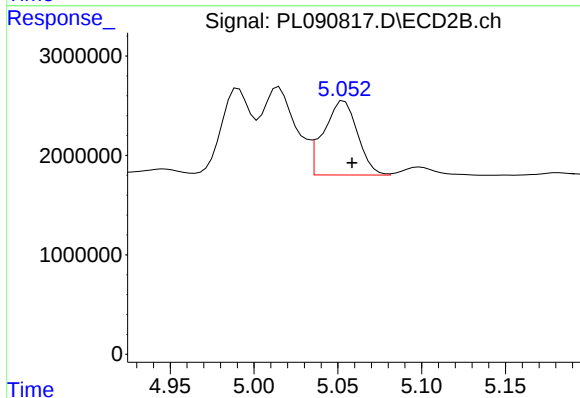
R.T.: 4.991 min
Delta R.T.: -0.004 min
Response: 10586679
Conc: 4.96 ng/ml



#11 alpha-Chlordane

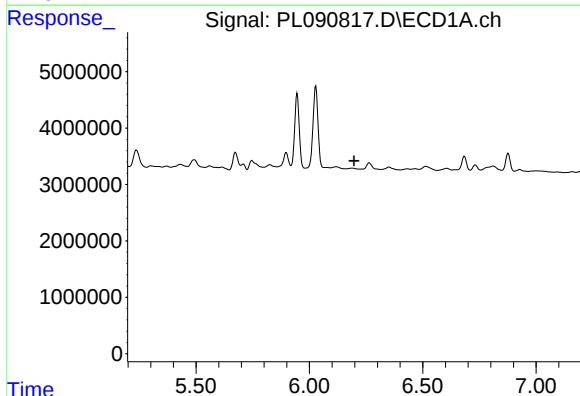
R.T.: 6.028 min
Delta R.T.: 0.004 min
Response: 22179637
Conc: 9.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



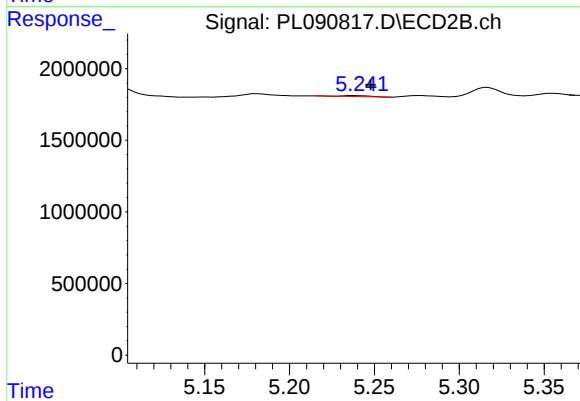
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: -0.005 min
Response: 10480115
Conc: 4.91 ng/ml



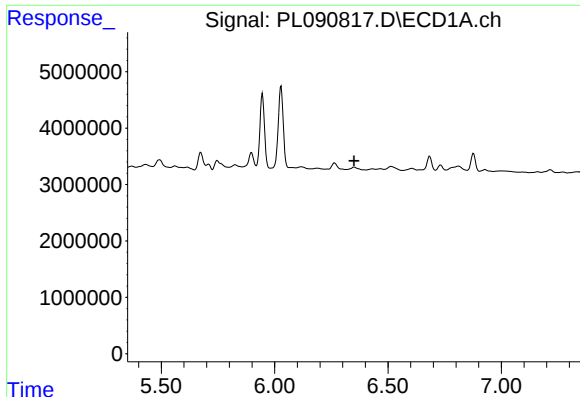
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.197 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

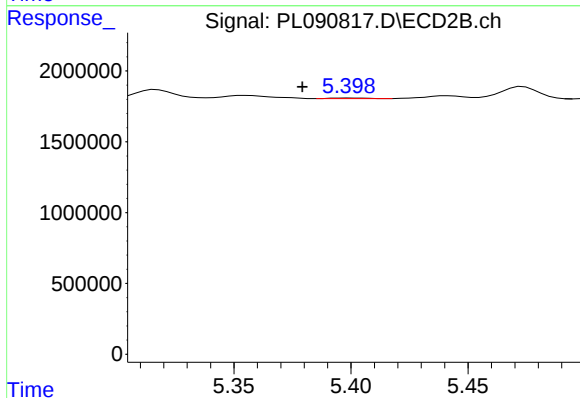
R.T.: 5.238 min
Delta R.T.: -0.010 min
Response: 75605
Conc: 0.04 ng/ml



#13 Dieldrin

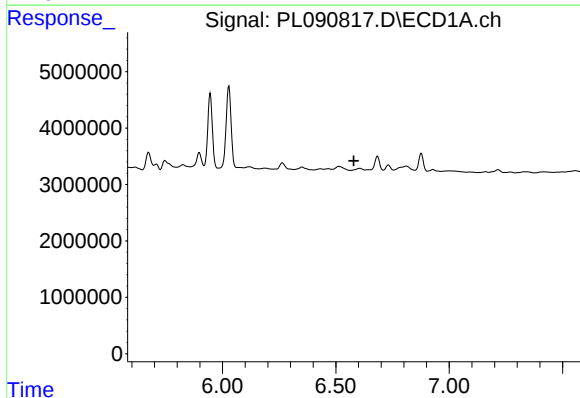
R.T.: 0.000 min
Exp R.T.: 6.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



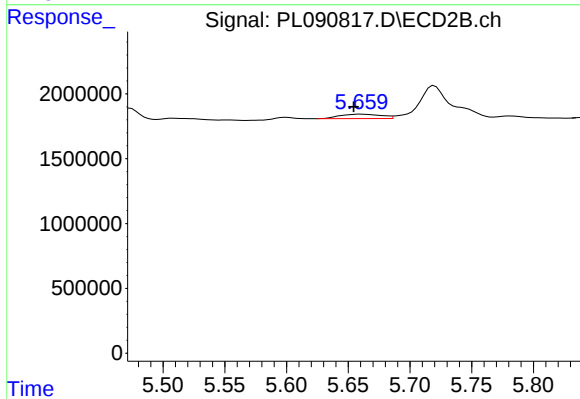
#13 Dieldrin

R.T.: 5.399 min
Delta R.T.: 0.020 min
Response: 45383
Conc: 0.02 ng/ml



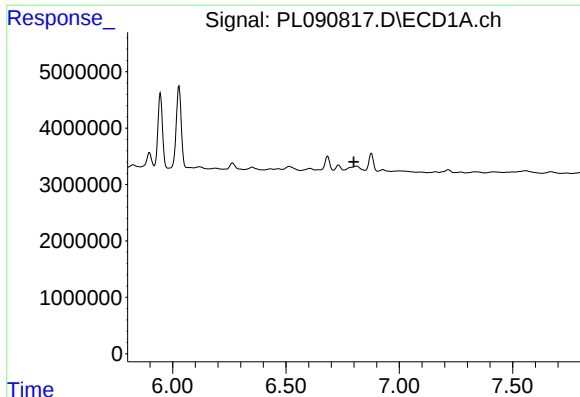
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.580 min
Response: 0
Conc: N.D.



#14 Endrin

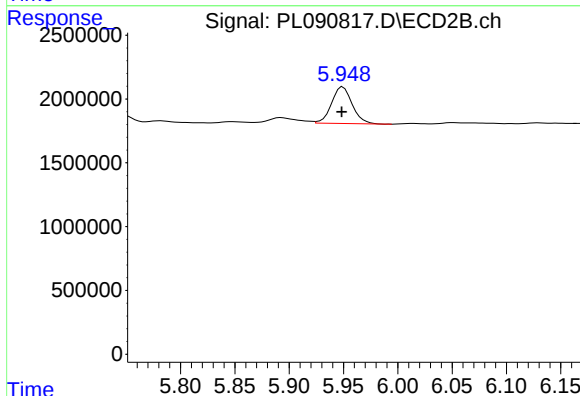
R.T.: 5.660 min
Delta R.T.: 0.006 min
Response: 805352
Conc: 0.44 ng/ml



#15 Endosulfan II

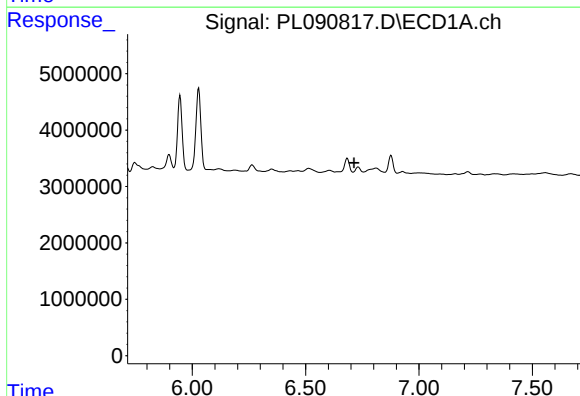
R.T.: 0.000 min
Exp R.T.: 6.799 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



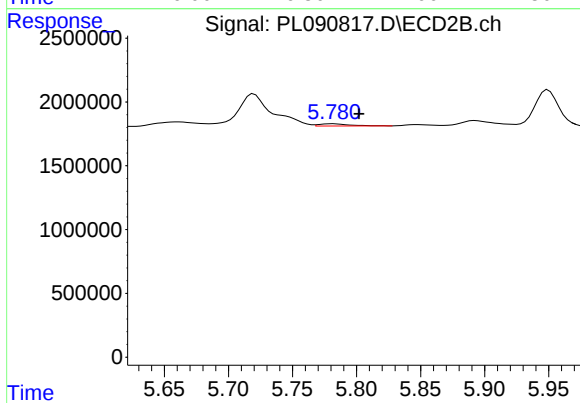
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 3775001
Conc: 2.08 ng/ml



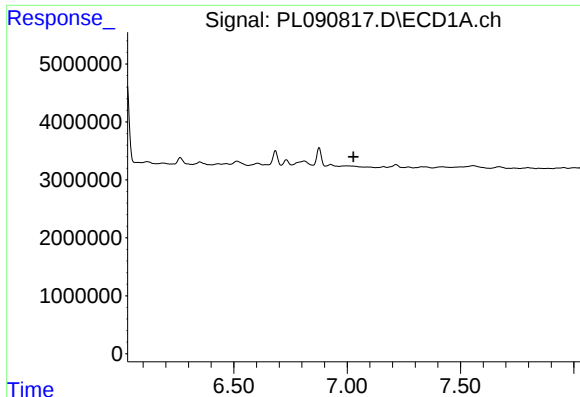
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 6.714 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

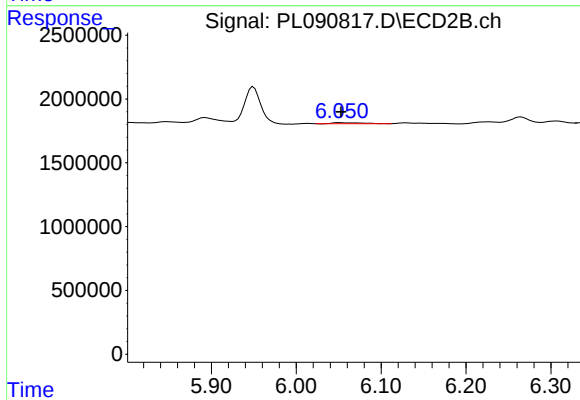
R.T.: 5.782 min
Delta R.T.: -0.020 min
Response: 289392
Conc: 0.19 ng/ml



#17 4,4'-DDT

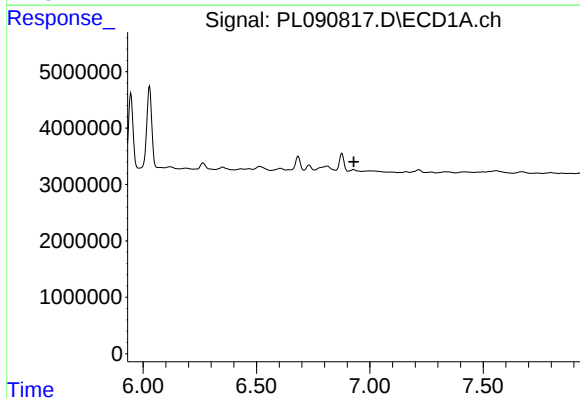
R.T.: 0.000 min
Exp R.T.: 7.028 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



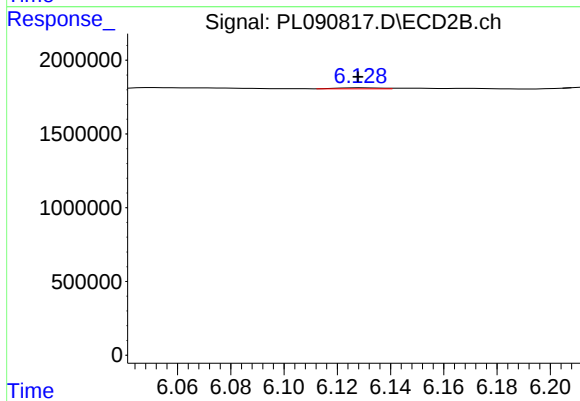
#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 178009
Conc: 0.11 ng/ml



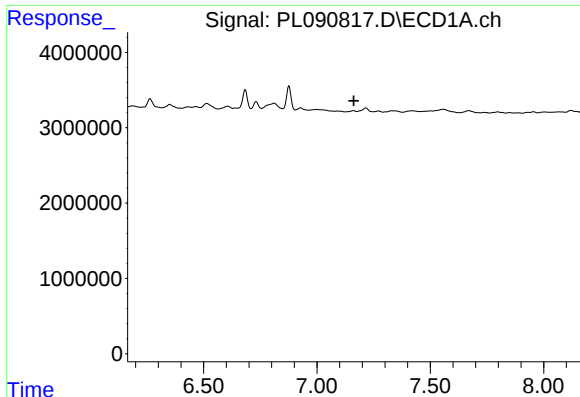
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.929 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

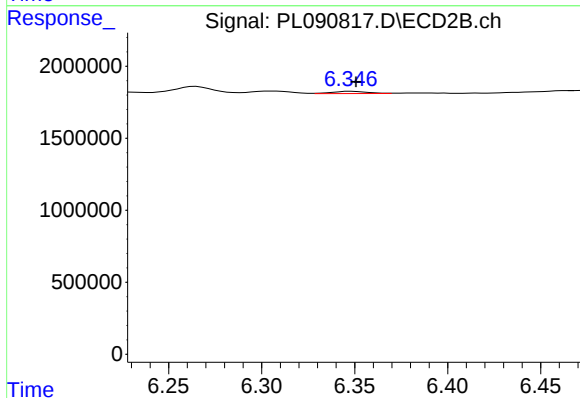
R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 81933
Conc: 0.06 ng/ml



#19 Endosulfan Sulfate

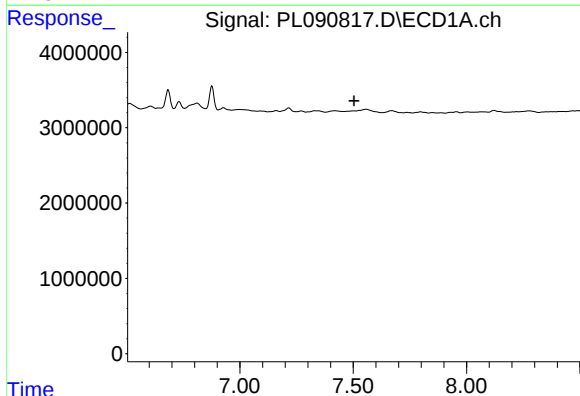
R.T.: 0.000 min
Exp R.T. : 7.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



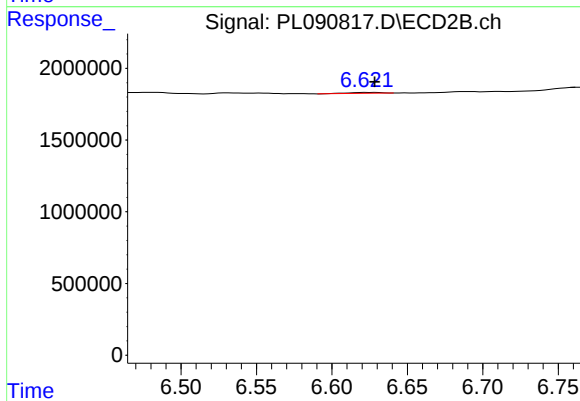
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 209023
Conc: 0.12 ng/ml



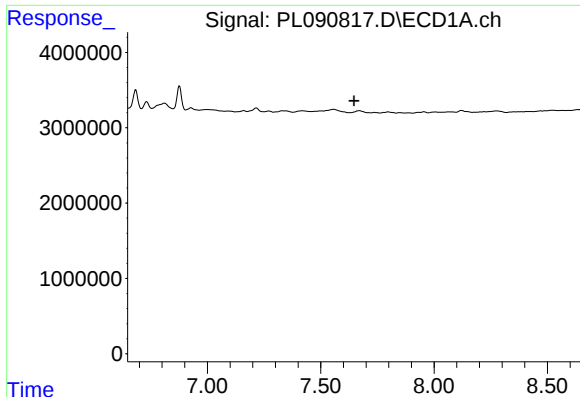
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.504 min
Response: 0
Conc: N.D.



#20 Methoxychlor

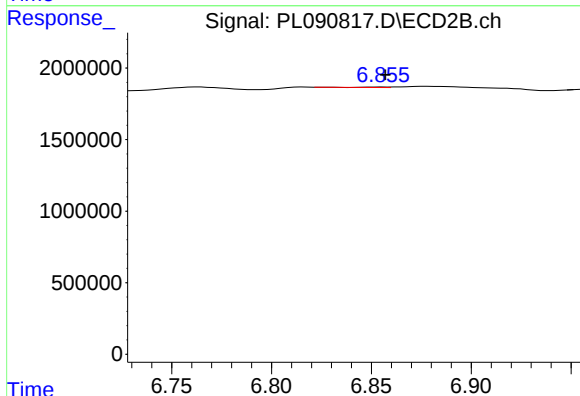
R.T.: 6.624 min
Delta R.T.: -0.005 min
Response: 84897
Conc: 0.09 ng/ml



#21 Endrin ketone

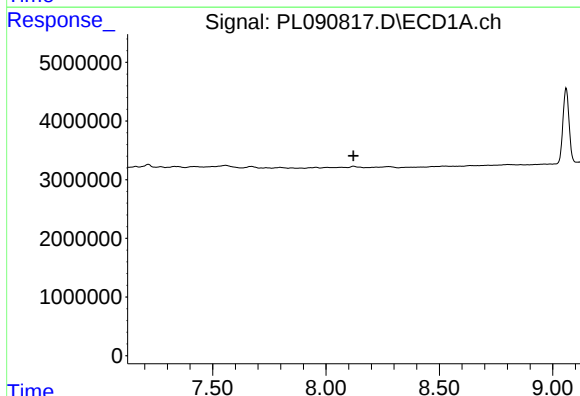
R.T.: 0.000 min
Exp R.T.: 7.648 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



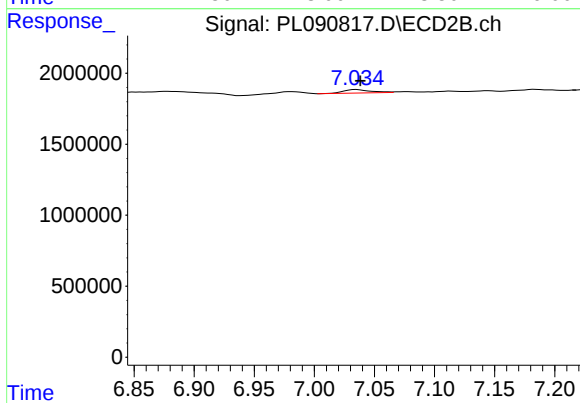
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.007 min
Response: 19252
Conc: 0.01 ng/ml



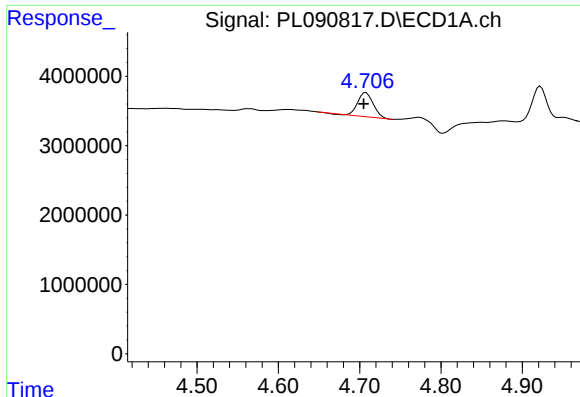
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.121 min
Response: 0
Conc: N.D.



#22 Mirex

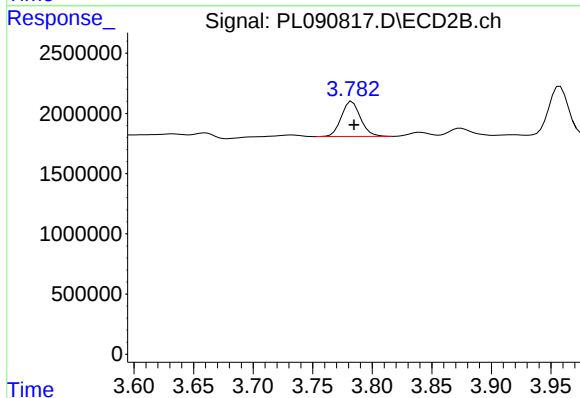
R.T.: 7.035 min
Delta R.T.: -0.003 min
Response: 360000
Conc: 0.21 ng/ml



#23 Chlordane-1

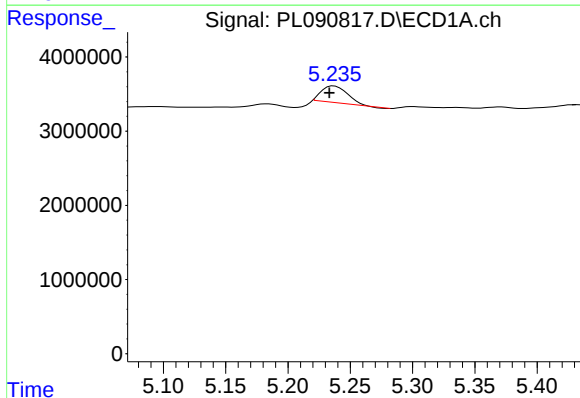
R.T.: 4.708 min
Delta R.T.: 0.003 min
Response: 4516341
Conc: 48.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



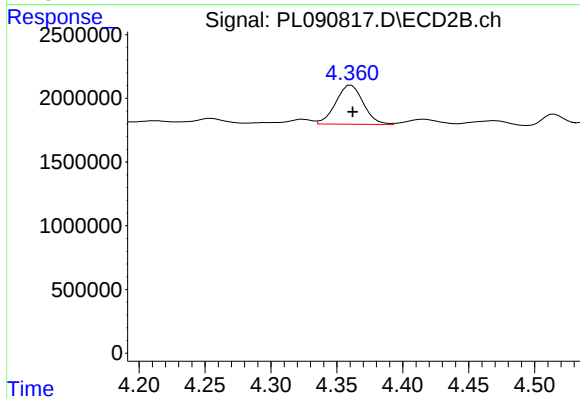
#23 Chlordane-1

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 3255915
Conc: 48.29 ng/ml



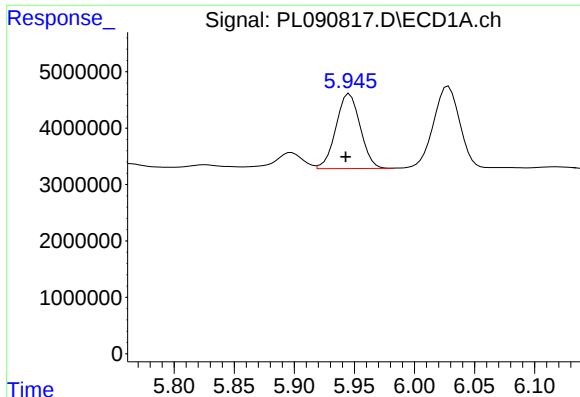
#24 Chlordane-2

R.T.: 5.237 min
Delta R.T.: 0.004 min
Response: 3210701
Conc: 31.84 ng/ml



#24 Chlordane-2

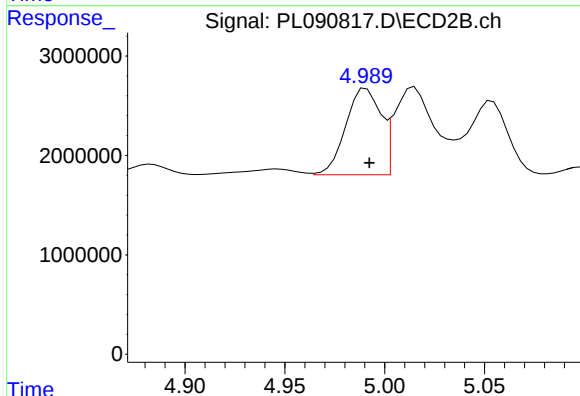
R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 4458698
Conc: 53.61 ng/ml



#25 Chlordane-3

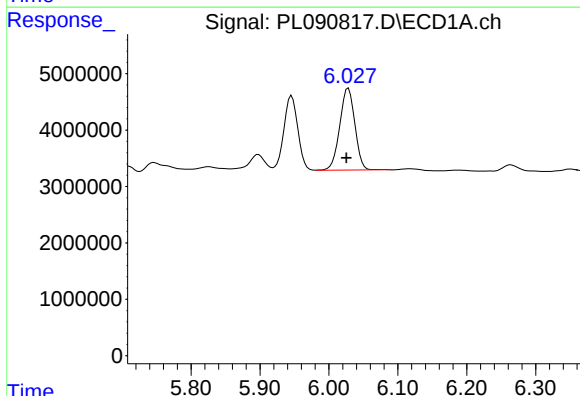
R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 18632941
Conc: 56.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



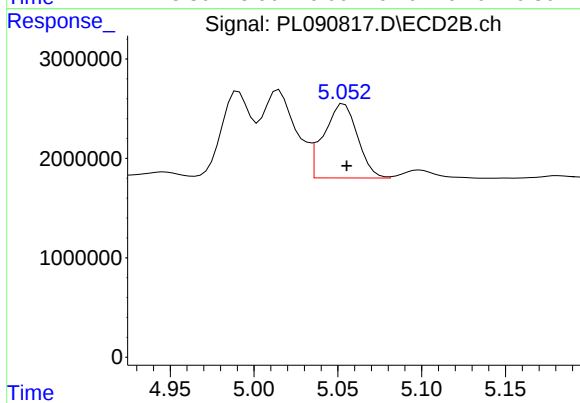
#25 Chlordane-3

R.T.: 4.991 min
Delta R.T.: -0.002 min
Response: 10586679
Conc: 47.28 ng/ml



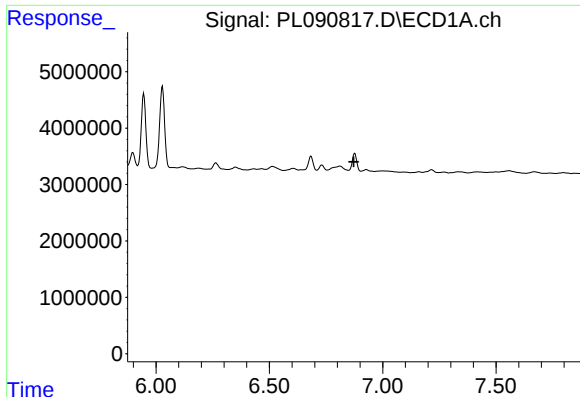
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: 0.003 min
Response: 22179637
Conc: 55.35 ng/ml



#26 Chlordane-4

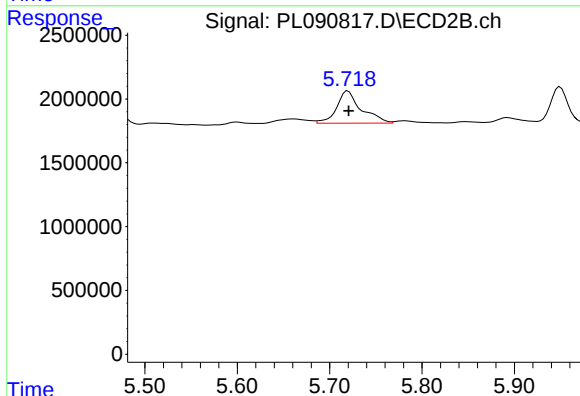
R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 10480115
Conc: 48.98 ng/ml



#27 Chlordane-5

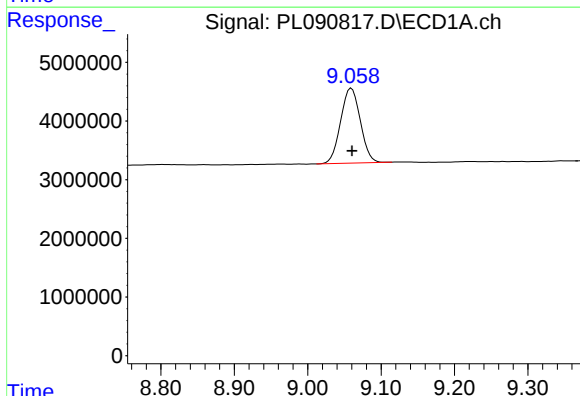
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



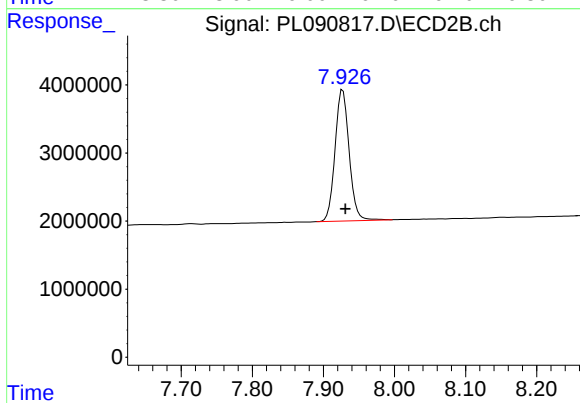
#27 Chlordane-5

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 4690167
Conc: 70.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 23791543
Conc: 16.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: -0.004 min
Response: 26552712
Conc: 15.91 ng/ml