

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
 Data File : PL090821.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2024 15:30
 Operator : AR\AJ
 Sample : P3390-09
 Misc : CHLOR MDL 25PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT3-2024

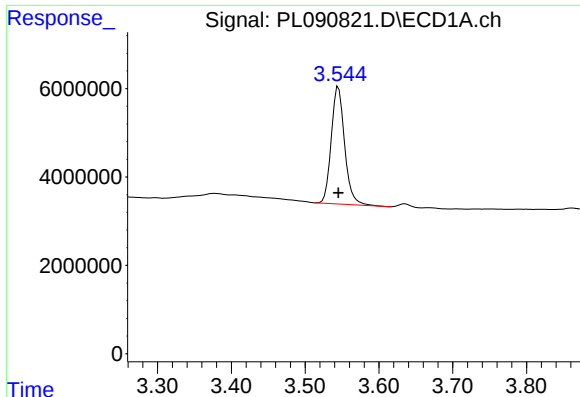
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:15:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.545	2.787	33572273	29213254	17.339	16.898
28)	SA Decachlor...	9.058	7.929	27277066	29799650	18.985	17.853
Target Compounds							
2)	A alpha-BHC	0.000	3.279	0	142680	N.D.	0.058 #
3)	MA gamma-BHC...	0.000	3.637f	0	340361	N.D.	0.145 #
4)	MA Heptachlor	4.921	3.960	7691746	2373342	3.110	1.024 #
5)	MB Aldrin	0.000	4.259f	0	509351	N.D.	0.230 #
6)	B beta-BHC	0.000	3.925	0	102432	N.D.	0.096 #
7)	B delta-BHC	0.000	4.145	0	290327	N.D.	0.130 #
8)	B Heptachlo...	5.675	0.000	4251309	0	1.871	N.D. #
9)	A Endosulfan I	0.000	5.101	0	595002	N.D.	0.308 #
10)	B gamma-Chl...	5.944	4.993	10194841	5374654	4.512	2.517 #
11)	B alpha-Chl...	6.026	5.056	11570309	5378376	5.166	2.521 #
12)	B 4,4'-DDE	0.000	5.222f	0	139137	N.D.	0.074 #
13)	MA Dieldrin	0.000	5.357f	0	68078	N.D.	0.033 #
14)	MA Endrin	0.000	5.670f	0	1182150	N.D.	0.647 #
15)	B Endosulfa...	0.000	5.951	0	1943306	N.D.	1.070 #
16)	A 4,4'-DDD	0.000	5.784f	0	216095	N.D.	0.139 #
17)	MA 4,4'-DDT	0.000	6.049	0	28447	N.D.	0.017 #
18)	B Endrin al...	0.000	6.124	0	49526	N.D.	0.035 #
19)	B Endosulfa...	0.000	6.357	0	95314	N.D.	0.055 #
20)	A Methoxychlor	0.000	6.623	0	59131	N.D.	0.064 #
22)	Mirex	0.000	7.036	0	181925	N.D.	0.108 #
23)	Chlordane-1	4.706	3.786	2562669	1720729	27.389	25.522
24)	Chlordane-2	0.000	4.364	0	2908645	N.D.	34.971 #
25)	Chlordane-3	5.944	4.993	10194841	5374654	31.001	24.001
26)	Chlordane-4	6.026	5.056	11570309	5378376	28.872	25.137
27)	Chlordane-5	0.000	5.722	0	1490037	N.D.	22.296 #

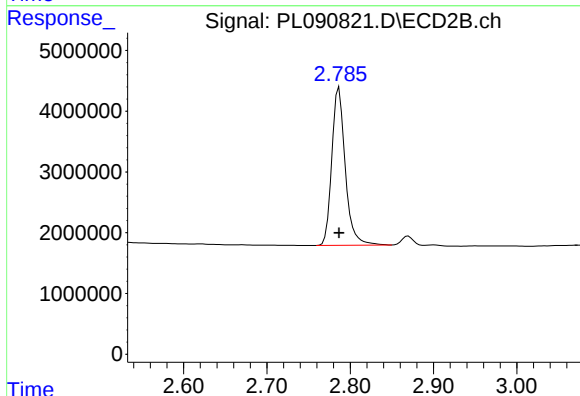
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

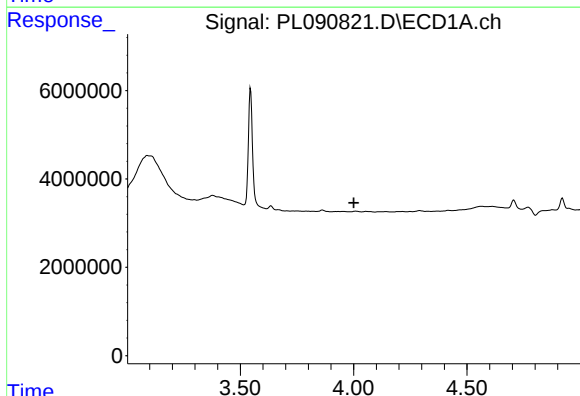
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 33572273
Conc: 17.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



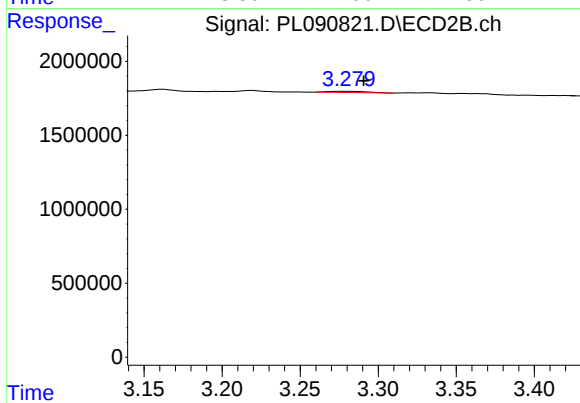
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.000 min
Response: 29213254
Conc: 16.90 ng/ml



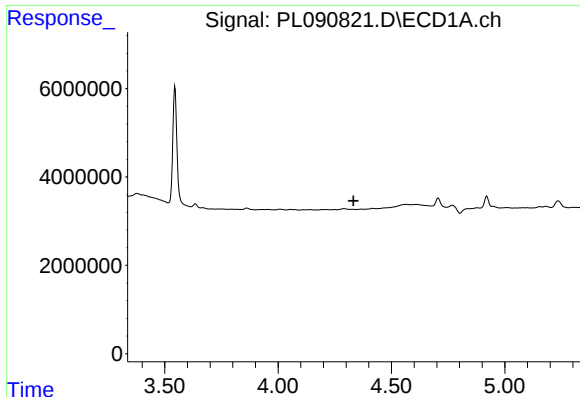
#2 alpha-BHC

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



#2 alpha-BHC

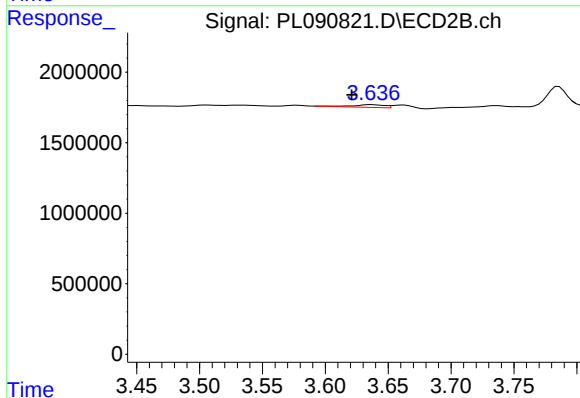
R.T.: 3.279 min
Delta R.T.: -0.012 min
Response: 142680
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

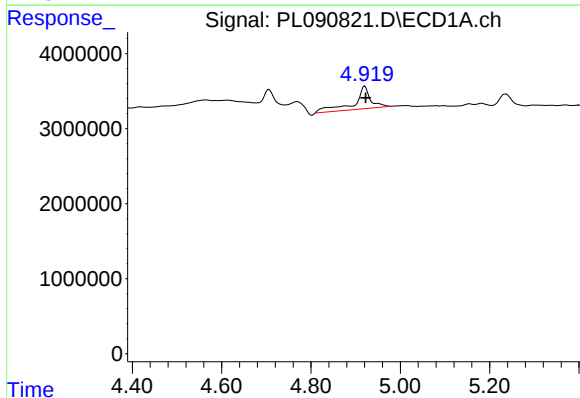
R.T.: 0.000 min
Exp R.T.: 4.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



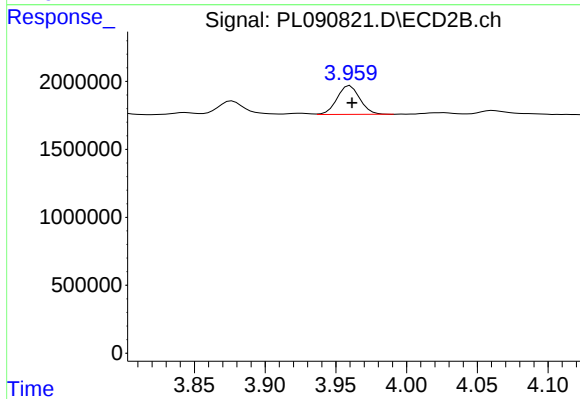
#3 gamma-BHC (Lindane)

R.T.: 3.637 min
Delta R.T.: 0.016 min
Response: 340361
Conc: 0.15 ng/ml



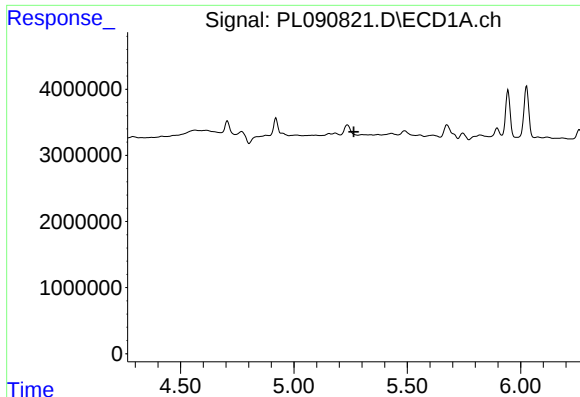
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 7691746
Conc: 3.11 ng/ml



#4 Heptachlor

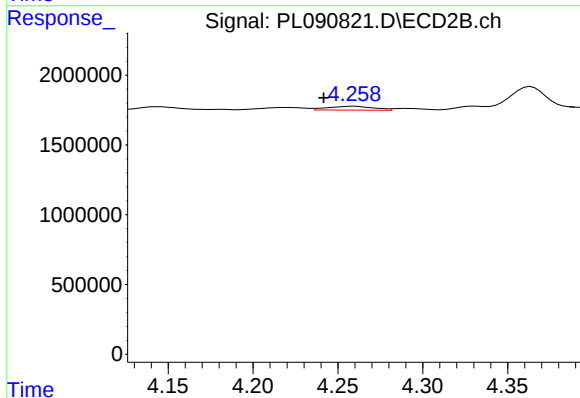
R.T.: 3.960 min
Delta R.T.: -0.001 min
Response: 2373342
Conc: 1.02 ng/ml



#5 Aldrin

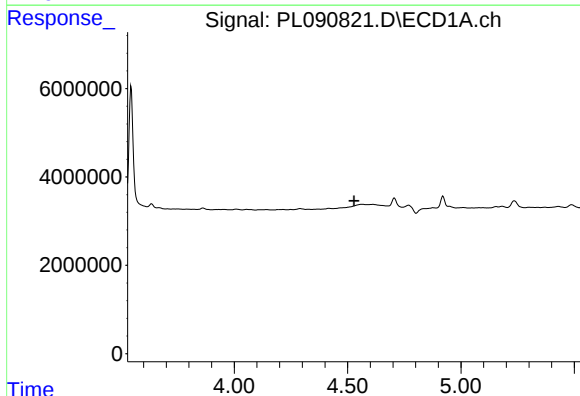
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



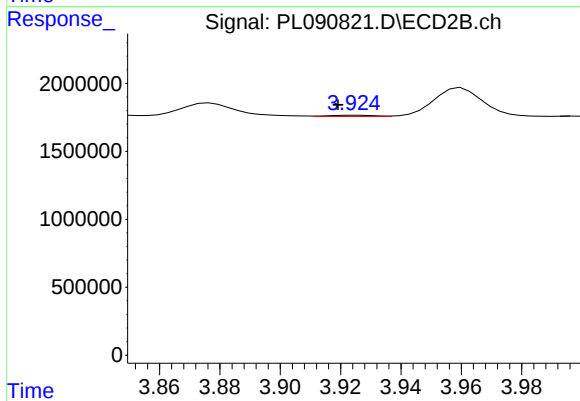
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: 0.018 min
Response: 509351
Conc: 0.23 ng/ml



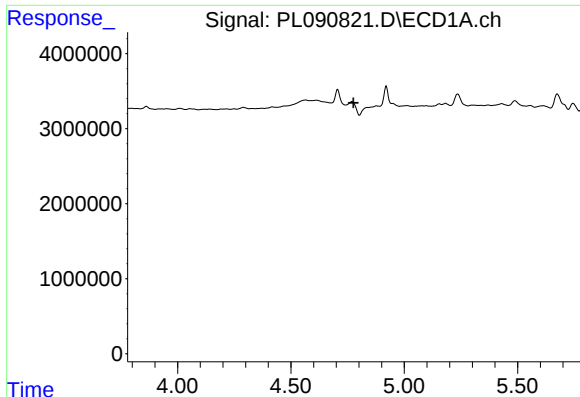
#6 beta-BHC

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



#6 beta-BHC

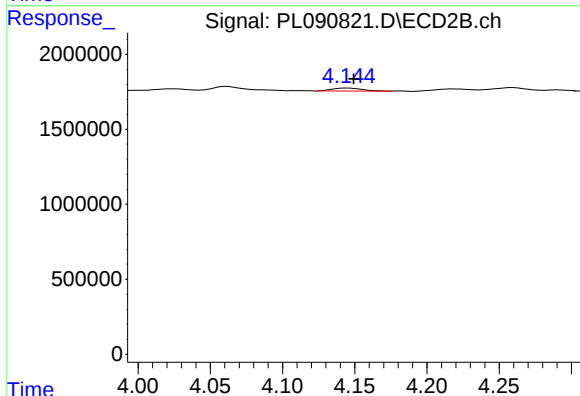
R.T.: 3.925 min
Delta R.T.: 0.006 min
Response: 102432
Conc: 0.10 ng/ml



#7 delta-BHC

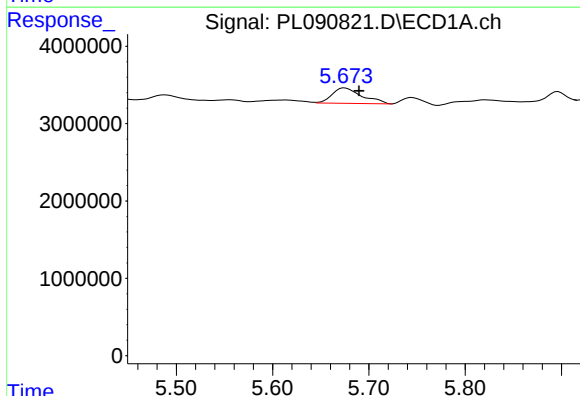
R.T.: 0.000 min
Exp R.T.: 4.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



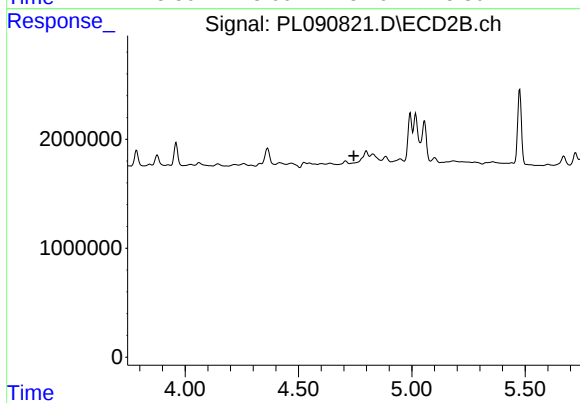
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: -0.004 min
Response: 290327
Conc: 0.13 ng/ml



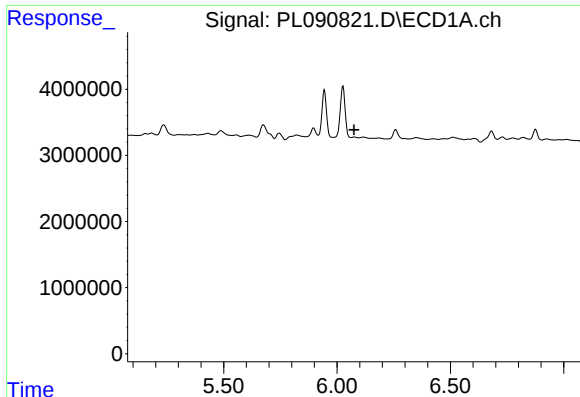
#8 Heptachlor epoxide

R.T.: 5.675 min
Delta R.T.: -0.015 min
Response: 4251309
Conc: 1.87 ng/ml



#8 Heptachlor epoxide

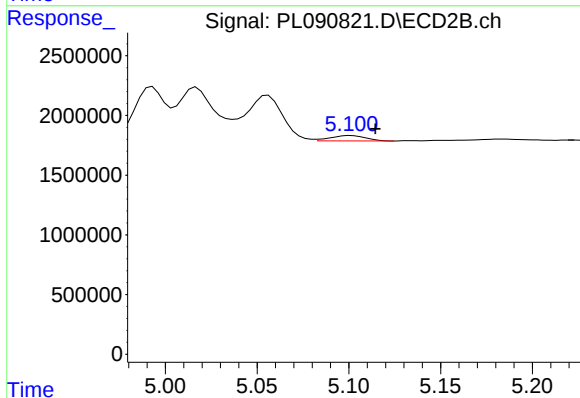
R.T.: 0.000 min
Exp R.T.: 4.744 min
Response: 0
Conc: N.D.



#9 Endosulfan I

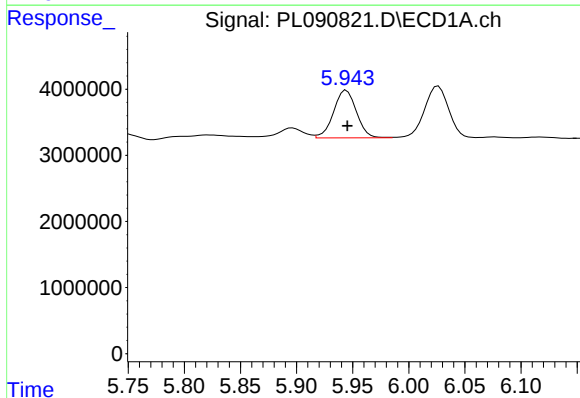
R.T.: 0.000 min
Exp R.T.: 6.075 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



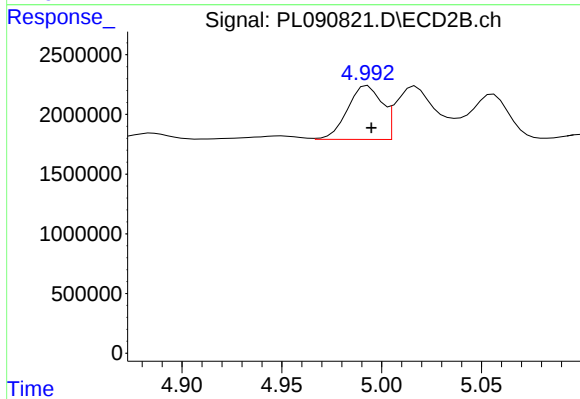
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: -0.013 min
Response: 595002
Conc: 0.31 ng/ml



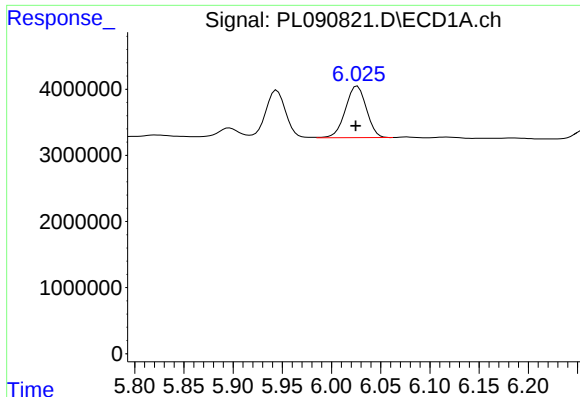
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 10194841
Conc: 4.51 ng/ml



#10 gamma-Chlordane

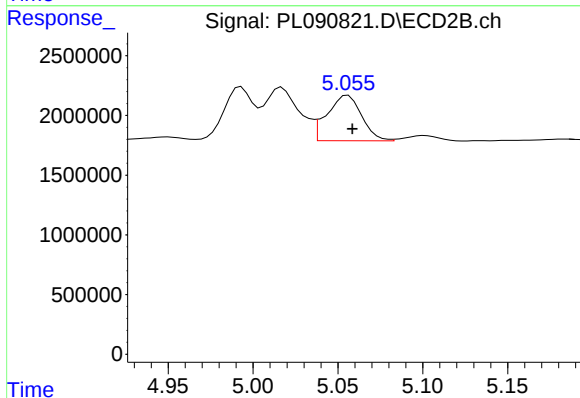
R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 5374654
Conc: 2.52 ng/ml



#11 alpha-Chlordane

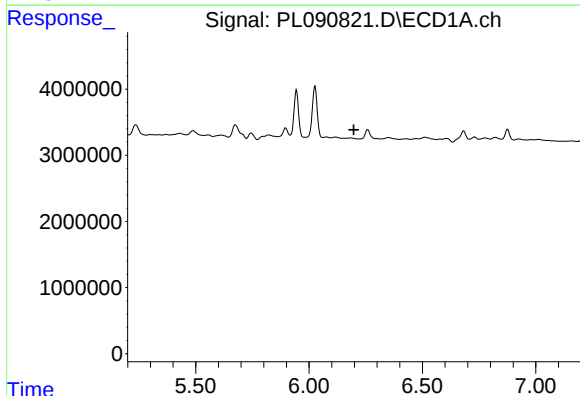
R.T.: 6.026 min
Delta R.T.: 0.002 min
Response: 11570309
Conc: 5.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



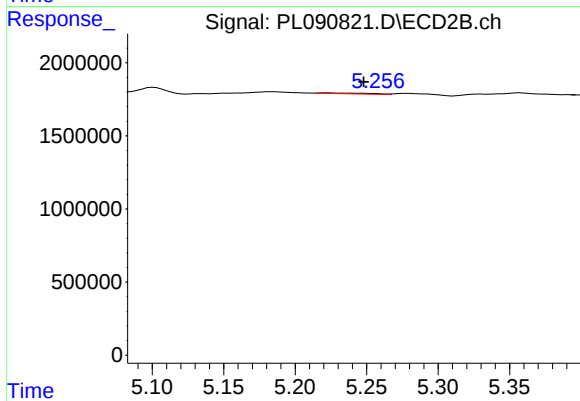
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.003 min
Response: 5378376
Conc: 2.52 ng/ml



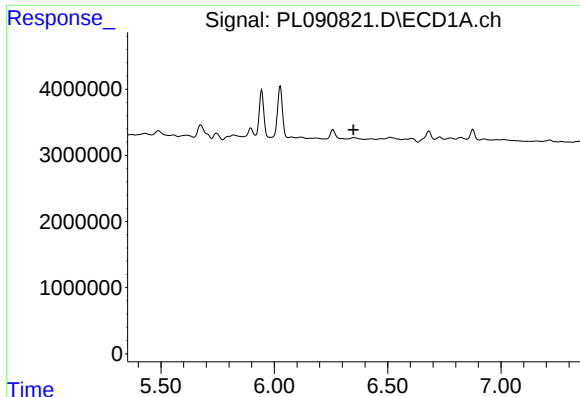
#12 4,4'-DDE

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



#12 4,4'-DDE

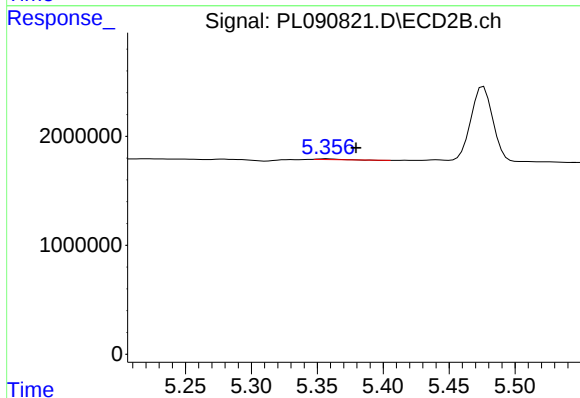
R.T.: 5.222 min
Delta R.T.: -0.026 min
Response: 139137
Conc: 0.07 ng/ml



#13 Dieldrin

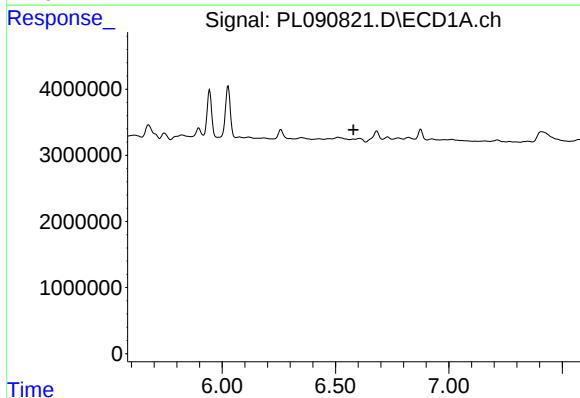
R.T.: 0.000 min
Exp R.T.: 6.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



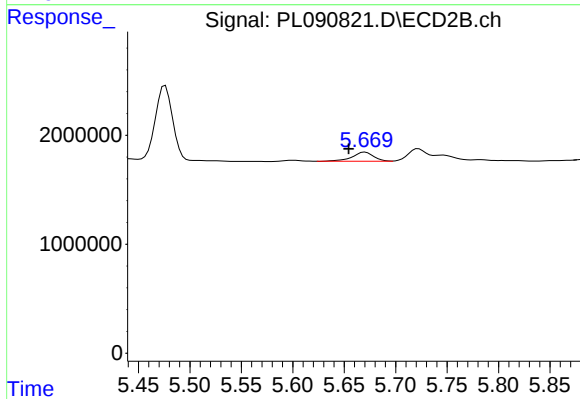
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.022 min
Response: 68078
Conc: 0.03 ng/ml



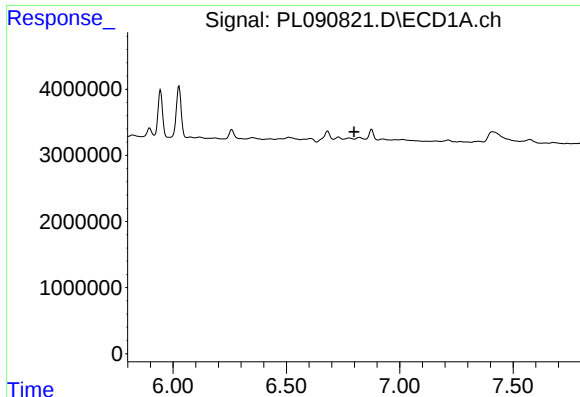
#14 Endrin

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



#14 Endrin

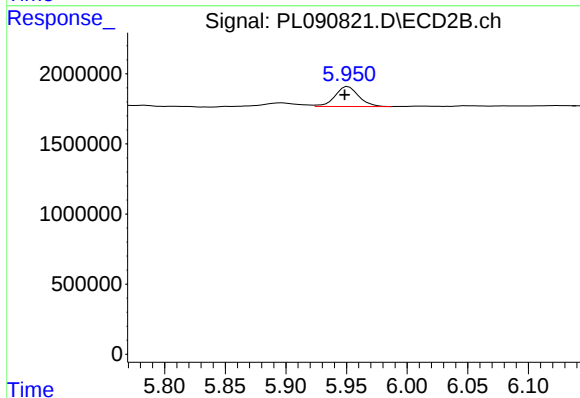
R.T.: 5.670 min
Delta R.T.: 0.016 min
Response: 1182150
Conc: 0.65 ng/ml



#15 Endosulfan II

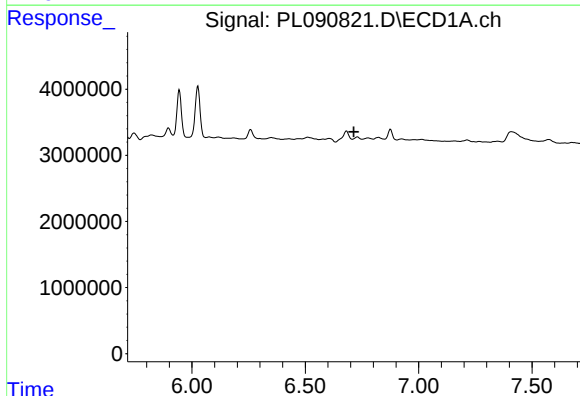
R.T.: 0.000 min
Exp R.T.: 6.799 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



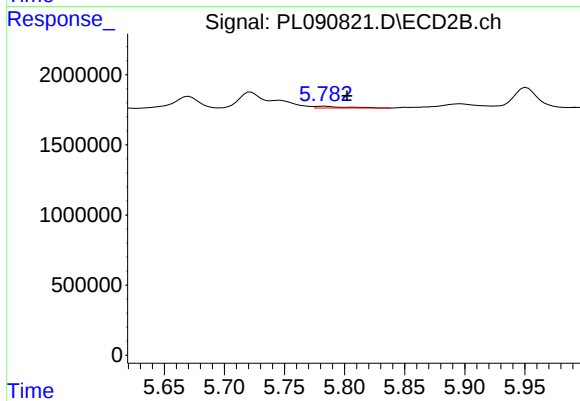
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.003 min
Response: 1943306
Conc: 1.07 ng/ml



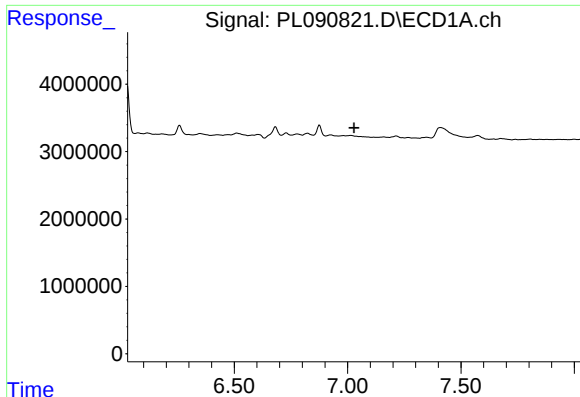
#16 4,4'-DDD

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



#16 4,4'-DDD

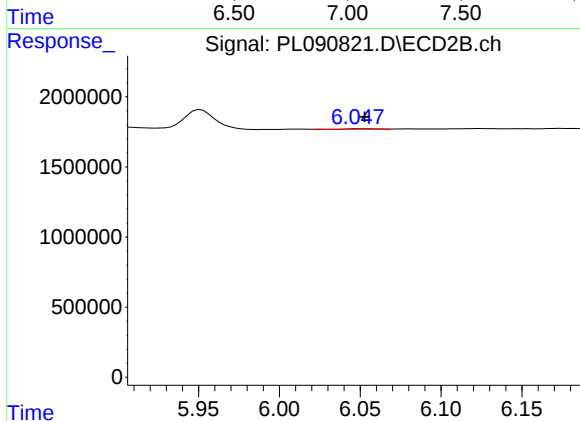
R.T.: 5.784 min
Delta R.T.: -0.019 min
Response: 216095
Conc: 0.14 ng/ml



#17 4,4'-DDT

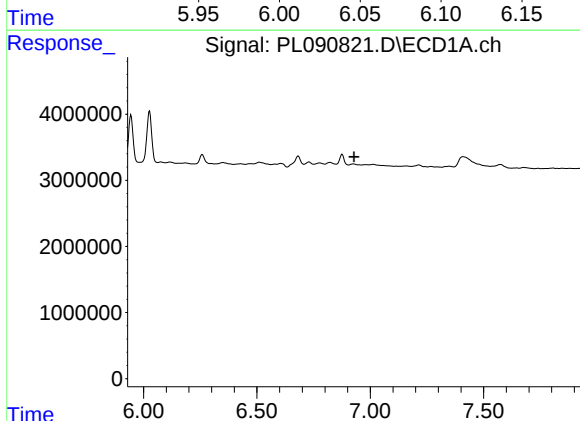
R.T.: 0.000 min
Exp R.T.: 7.028 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



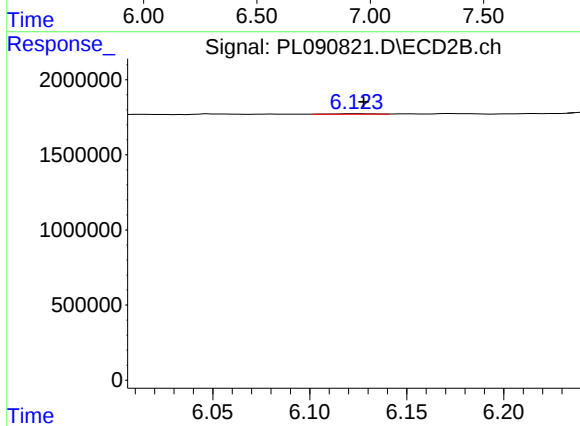
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: -0.004 min
Response: 28447
Conc: 0.02 ng/ml



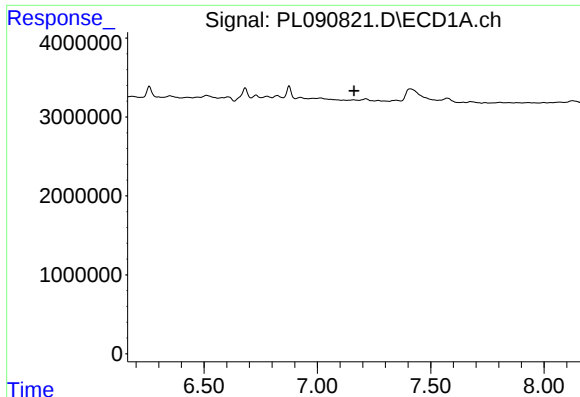
#18 Endrin aldehyde

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



#18 Endrin aldehyde

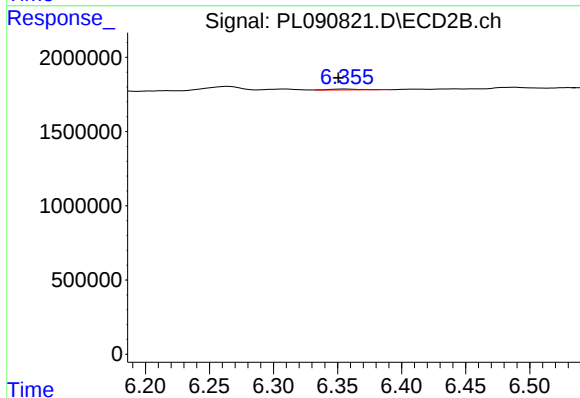
R.T.: 6.124 min
Delta R.T.: -0.004 min
Response: 49526
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

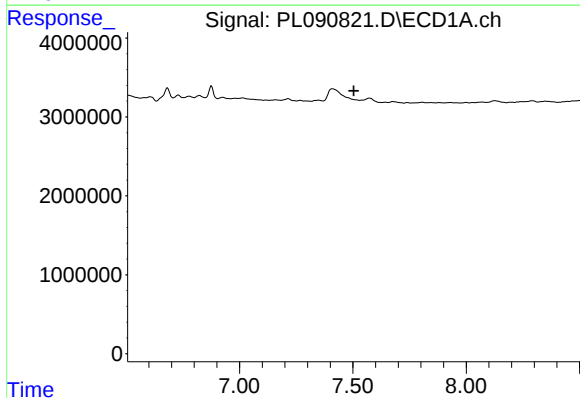
R.T.: 0.000 min
Exp R.T.: 7.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



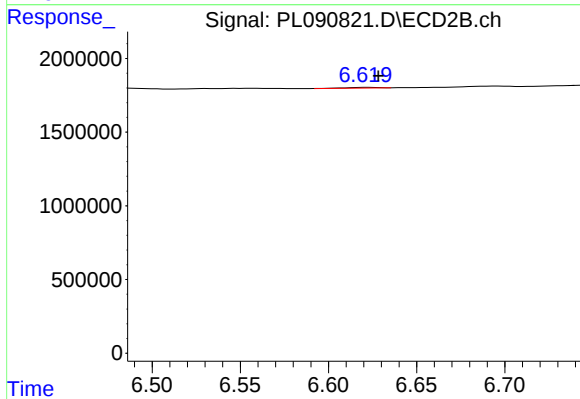
#19 Endosulfan Sulfate

R.T.: 6.357 min
Delta R.T.: 0.006 min
Response: 95314
Conc: 0.05 ng/ml



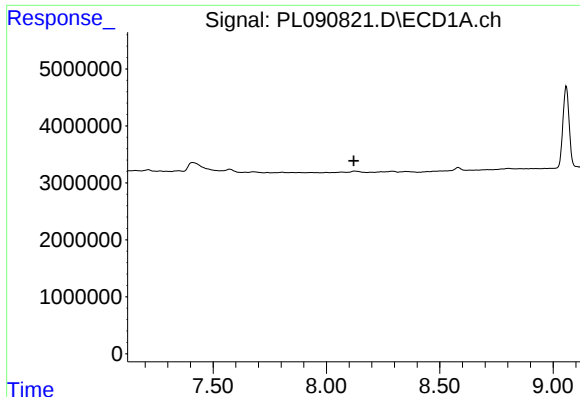
#20 Methoxychlor

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



#20 Methoxychlor

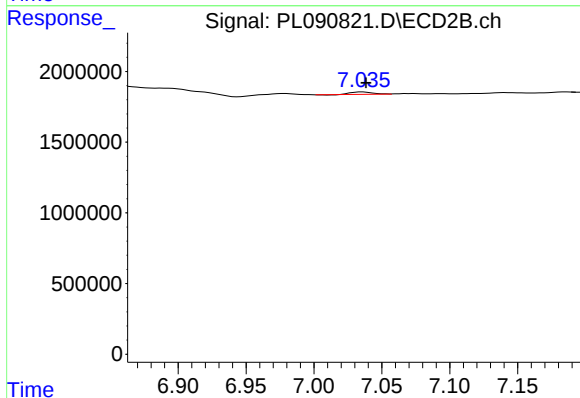
R.T.: 6.623 min
Delta R.T.: -0.006 min
Response: 59131
Conc: 0.06 ng/ml



#22 Mirex

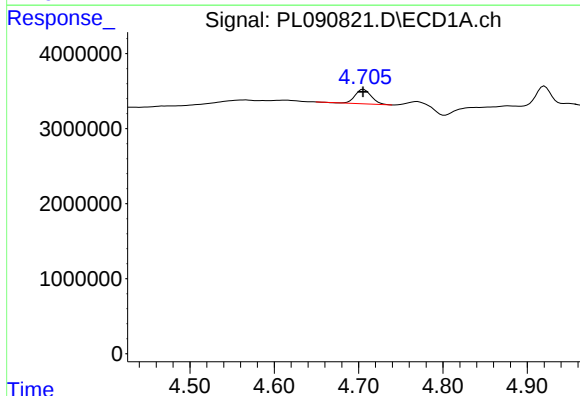
R.T.: 0.000 min
Exp R.T.: 8.121 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



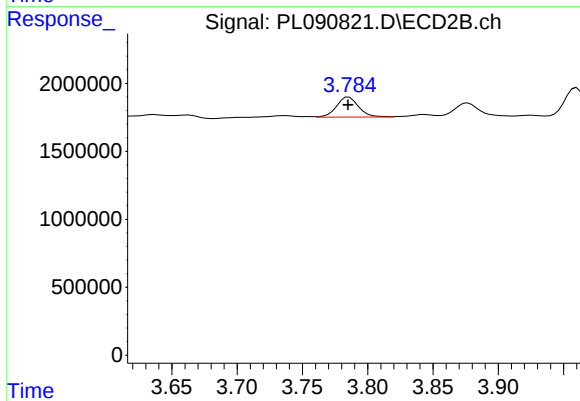
#22 Mirex

R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 181925
Conc: 0.11 ng/ml



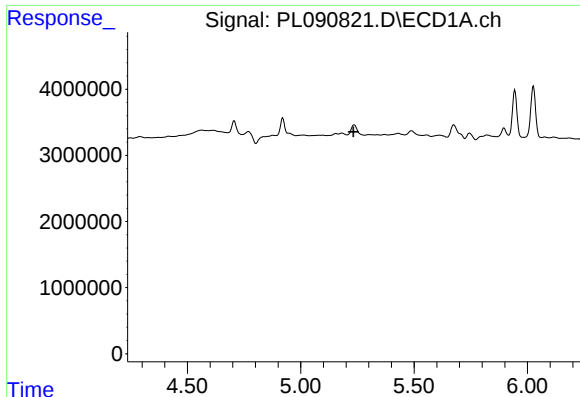
#23 Chlordane-1

R.T.: 4.706 min
Delta R.T.: 0.001 min
Response: 2562669
Conc: 27.39 ng/ml



#23 Chlordane-1

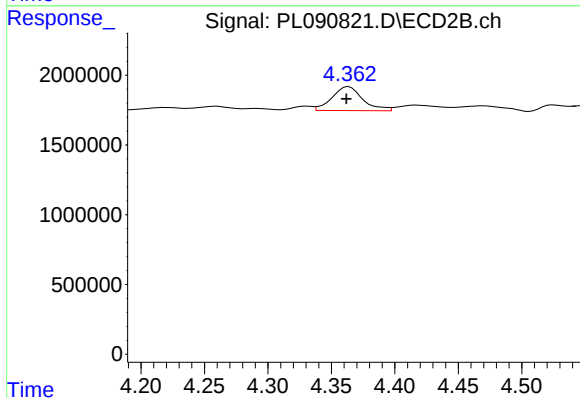
R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 1720729
Conc: 25.52 ng/ml



#24 Chlordane-2

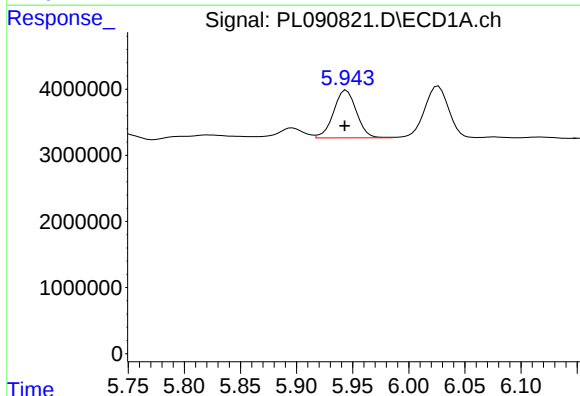
R.T.: 0.000 min
Exp R.T.: 5.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



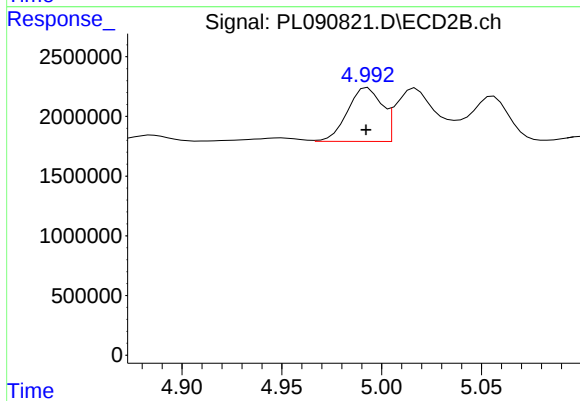
#24 Chlordane-2

R.T.: 4.364 min
Delta R.T.: 0.002 min
Response: 2908645
Conc: 34.97 ng/ml



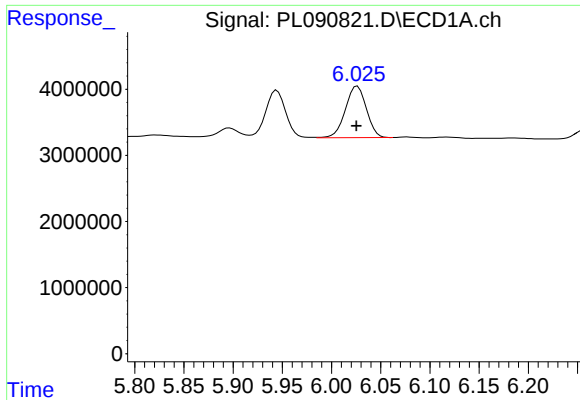
#25 Chlordane-3

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 10194841
Conc: 31.00 ng/ml



#25 Chlordane-3

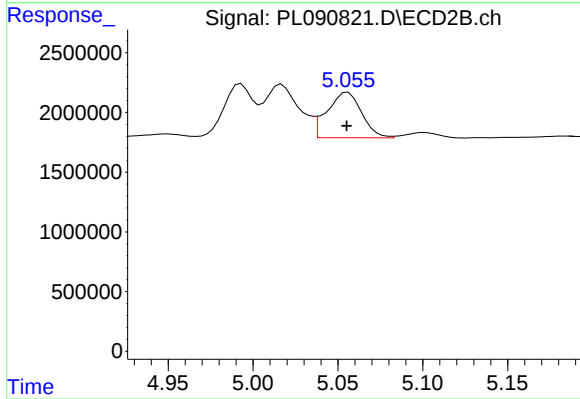
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 5374654
Conc: 24.00 ng/ml



#26 Chlordane-4

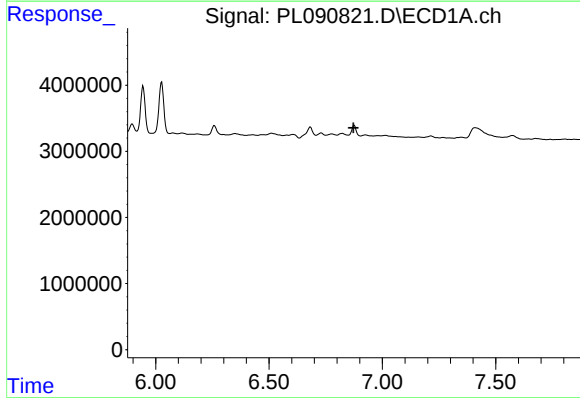
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 11570309
Conc: 28.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



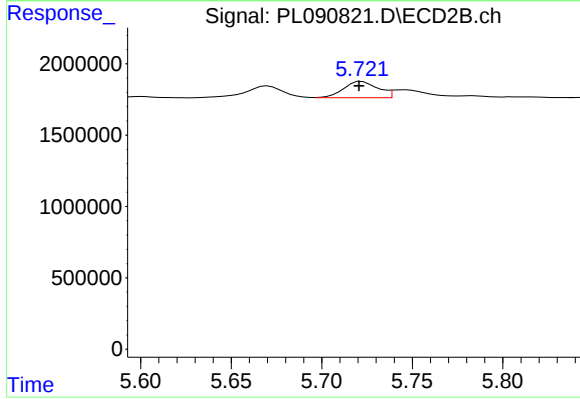
#26 Chlordane-4

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 5378376
Conc: 25.14 ng/ml



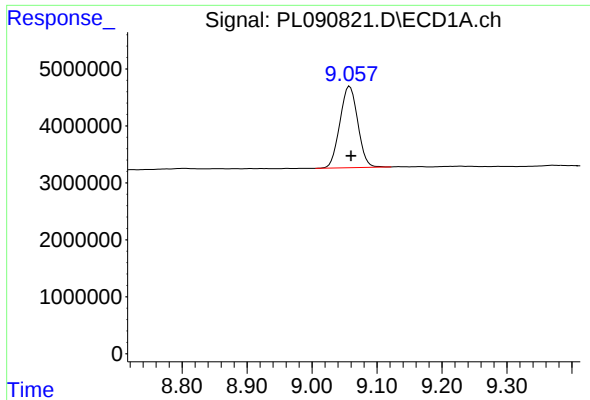
#27 Chlordane-5

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



#27 Chlordane-5

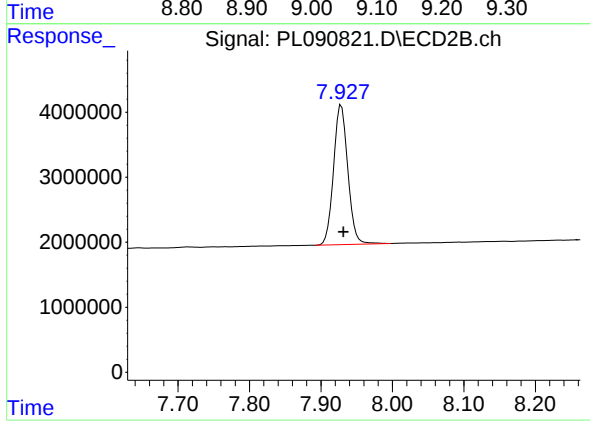
R.T.: 5.722 min
Delta R.T.: 0.002 min
Response: 1490037
Conc: 22.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 27277066
Conc: 18.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.003 min
Response: 29799650
Conc: 17.85 ng/ml