

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 13:23
 Operator : AR\AJ
 Sample : P3390-08
 Misc : PEST LOQ 5PPB/WATER
 ALS Vial : 12 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 03 00:33:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.544	2.786	41374760	34689942	19.871	20.612
28)	SA Decachlor...	9.053	7.928	30730940	34770568	23.126	23.847
Target Compounds							
2)	A alpha-BHC	3.999	3.289	13763432	9635491	4.638	3.988
3)	MA gamma-BHC...	4.331	3.620	12399498	9650395	4.428	4.185
4)	MA Heptachlor	4.921	3.960	13881229	9260948	5.454	4.198
5)	MB Aldrin	5.262	4.240	12628068	10364007	5.054	4.871
6)	B beta-BHC	4.528	3.918	8889709	4939860	7.008	4.786 #
7)	B delta-BHC	4.775	4.148	13791857	9062979	5.144	4.120
8)	B Heptachlo...	5.687	4.743	14016798	9070463	5.964	4.651
9)	A Endosulfan I	6.072	5.113	11795610	8248330	5.515	4.510
10)	B gamma-Chl...	5.943	4.993	19820905	9305112	8.525	4.590 #
11)	B alpha-Chl...	6.022	5.057	12833917	9369601	5.590	4.637
12)	B 4,4'-DDE	6.194	5.246	10472406	8169678	5.179	4.571
13)	MA Dieldrin	6.347	5.377	12185545	8705192	5.485	4.439
14)	MA Endrin	6.577	5.652	13141691	7534591	7.148	4.378 #
15)	B Endosulfa...	6.796	5.946	12187549	8227324	6.196	4.816
16)	A 4,4'-DDD	6.711	5.800	12086816	7328326	7.160	4.891 #
17)	MA 4,4'-DDT	7.024	6.050	7772655	5611853	4.618	3.830
18)	B Endrin al...	6.925	6.125	8227327	6647177	5.545	5.088
19)	B Endosulfa...	7.159	6.347	10049198	8045484	5.722	4.989
20)	A Methoxychlor	7.500	6.625	4320410	3458204	4.893	4.277
21)	B Endrin ke...	7.644	6.853	10529776	8716164	5.516	4.769
22)	Mirex	8.118	7.035	8858788	8339737	6.255	5.610
23)	Chlordane-1	0.000	3.793	0	70891	N.D.	1.145 #
24)	Chlordane-2	5.262f	4.386f	12628068	2429959	123.377	32.040 #
25)	Chlordane-3	5.943	4.993	19820905	9305112	59.872	45.022
26)	Chlordane-4	6.022	5.057	12833917	9369601	32.221	47.878 #
27)	Chlordane-5	0.000	5.750f	0	581594	N.D.	9.649 #

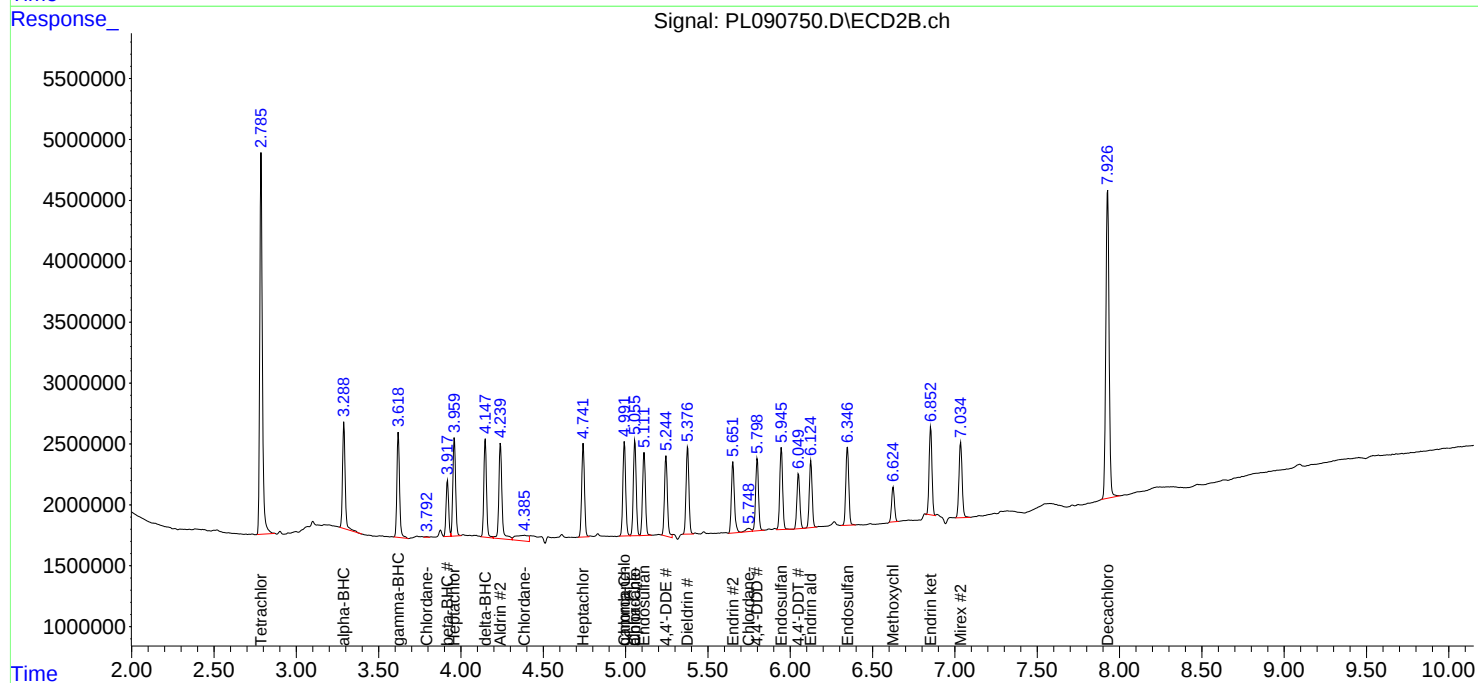
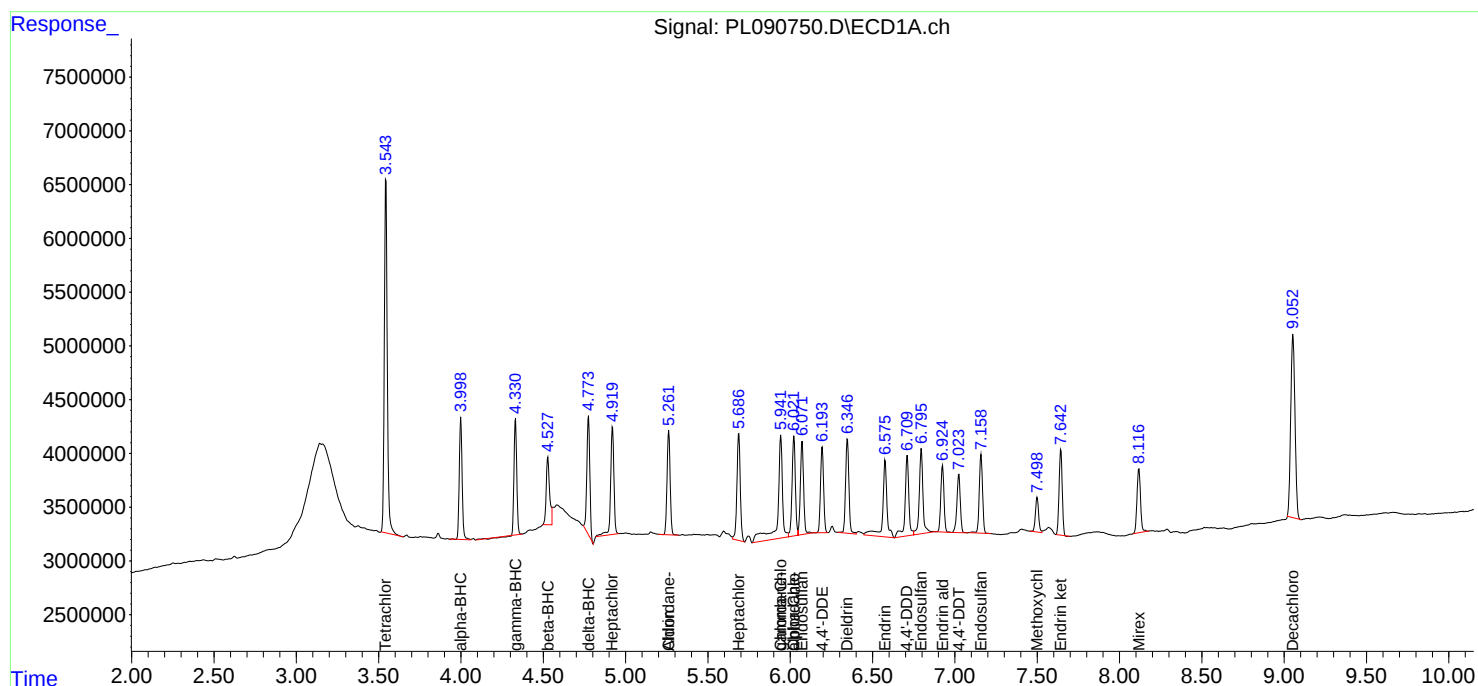
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

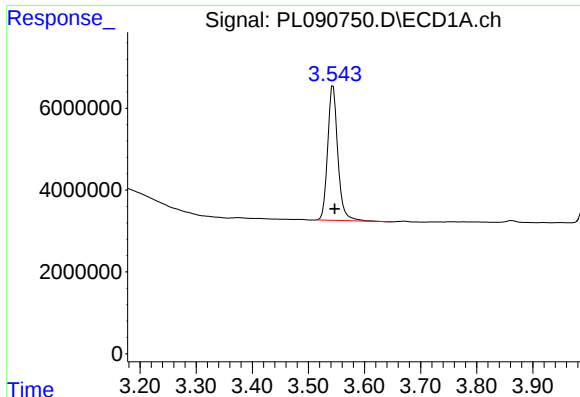
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 13:23
Operator : AR\AJ
Sample : P3390-08
Misc : PEST LOQ 5PPB/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 00:33:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
Response via : Initial Calibration
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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

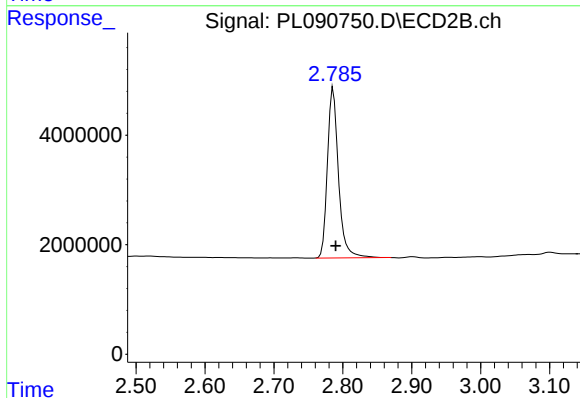




#1 Tetrachloro-m-xylene

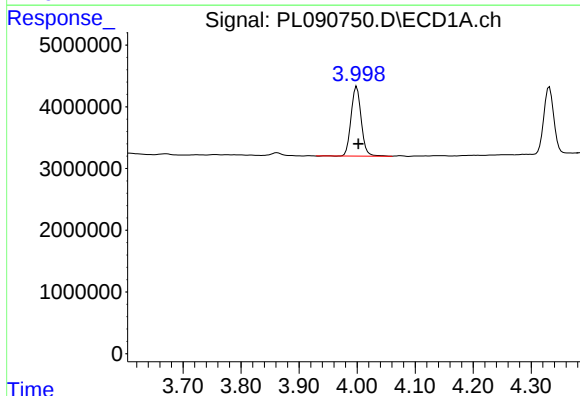
R.T.: 3.544 min
Delta R.T.: -0.003 min
Response: 41374760
Conc: 19.87 ng/ml

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



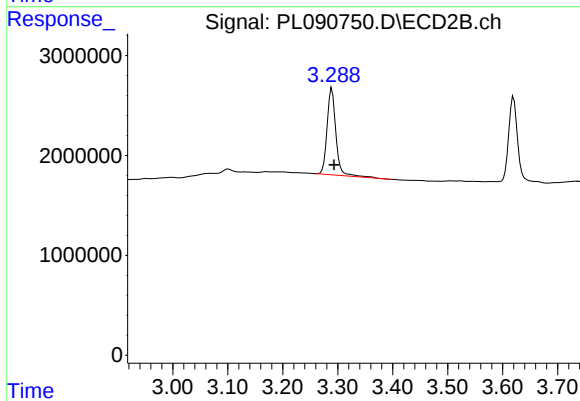
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: -0.004 min
Response: 34689942
Conc: 20.61 ng/ml



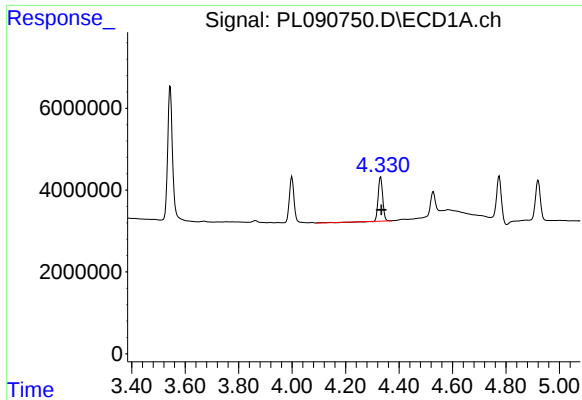
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 13763432
Conc: 4.64 ng/ml



#2 alpha-BHC

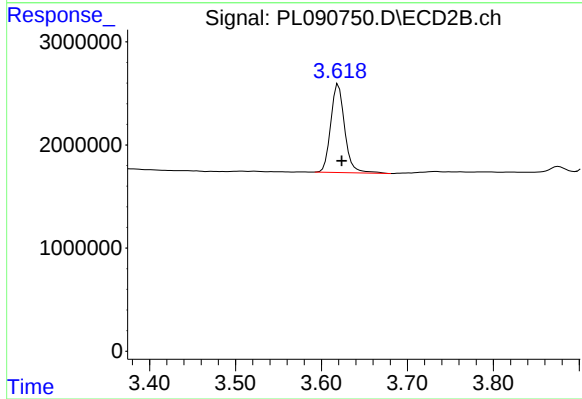
R.T.: 3.289 min
Delta R.T.: -0.004 min
Response: 9635491
Conc: 3.99 ng/ml



#3 gamma-BHC (Lindane)

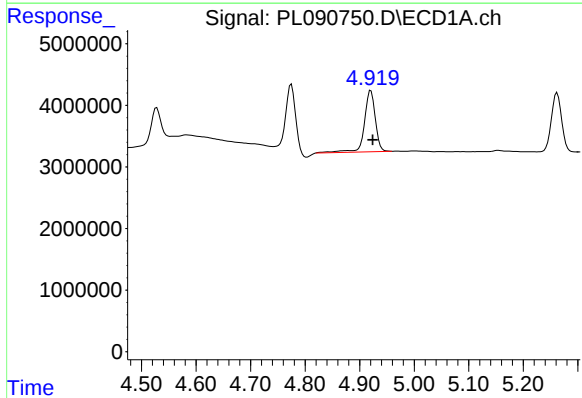
R.T.: 4.331 min
Delta R.T.: -0.003 min
Response: 12399498
Conc: 4.43 ng/ml

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



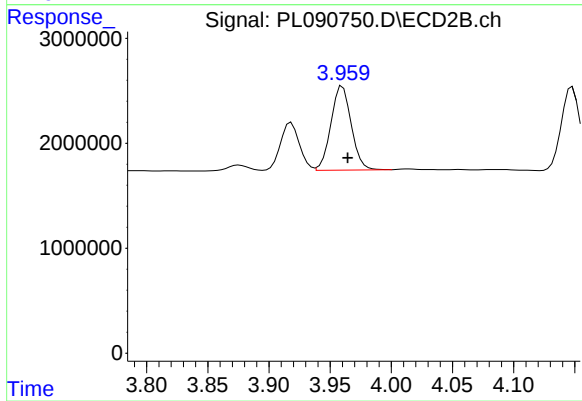
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: -0.004 min
Response: 9650395
Conc: 4.18 ng/ml



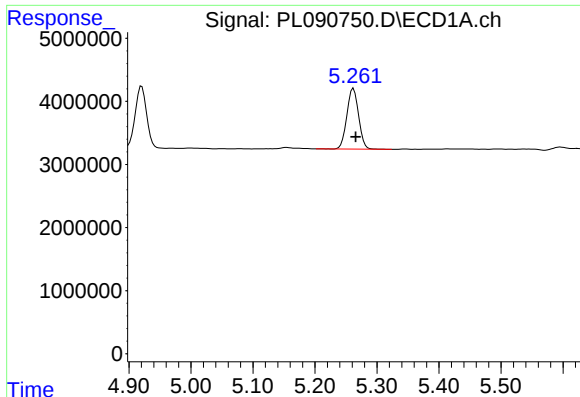
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.004 min
Response: 13881229
Conc: 5.45 ng/ml



#4 Heptachlor

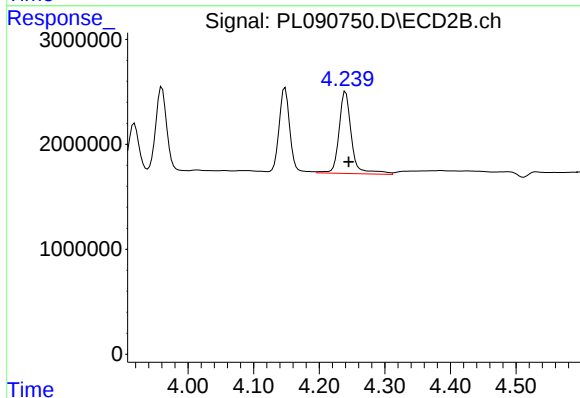
R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 9260948
Conc: 4.20 ng/ml



#5 Aldrin

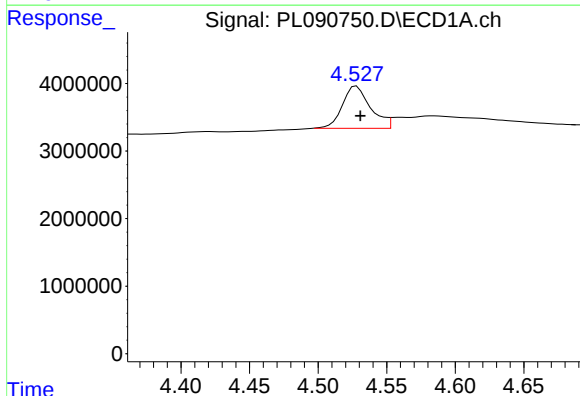
R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 12628068
Conc: 5.05 ng/ml

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



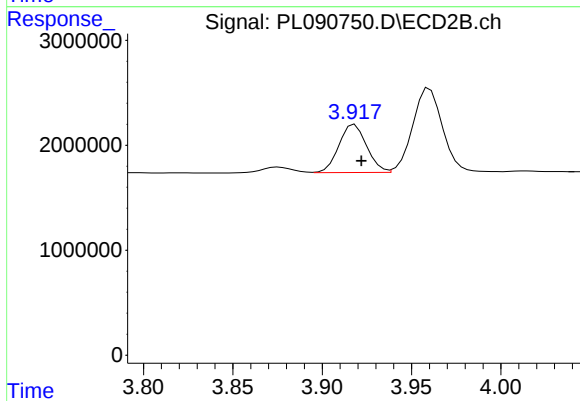
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: -0.005 min
Response: 10364007
Conc: 4.87 ng/ml



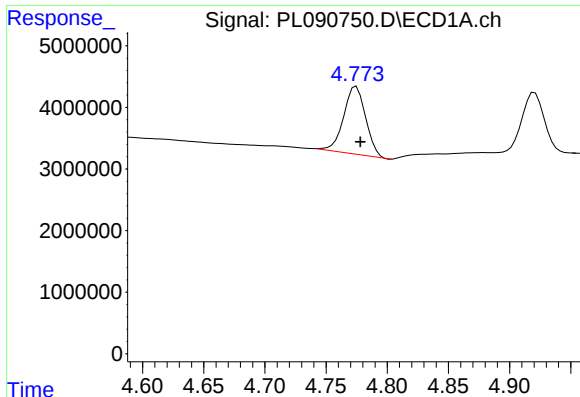
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.003 min
Response: 8889709
Conc: 7.01 ng/ml



#6 beta-BHC

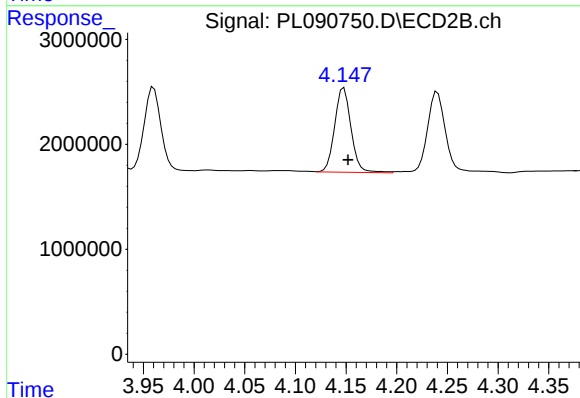
R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 4939860
Conc: 4.79 ng/ml



#7 delta-BHC

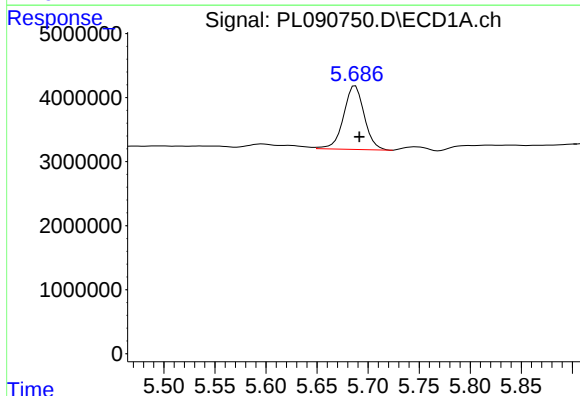
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 13791857
Conc: 5.14 ng/ml

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



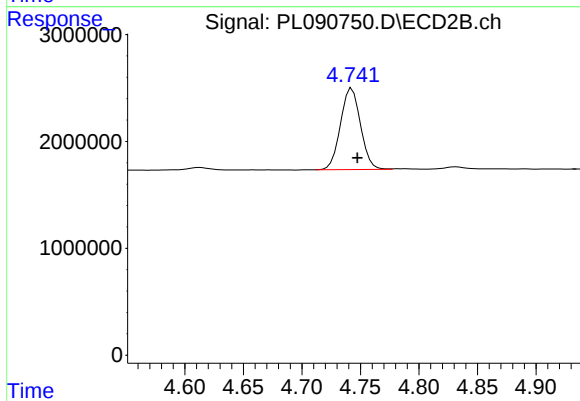
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.004 min
Response: 9062979
Conc: 4.12 ng/ml



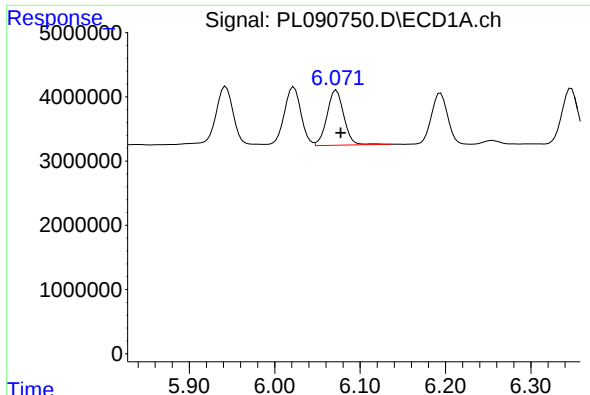
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.004 min
Response: 14016798
Conc: 5.96 ng/ml



#8 Heptachlor epoxide

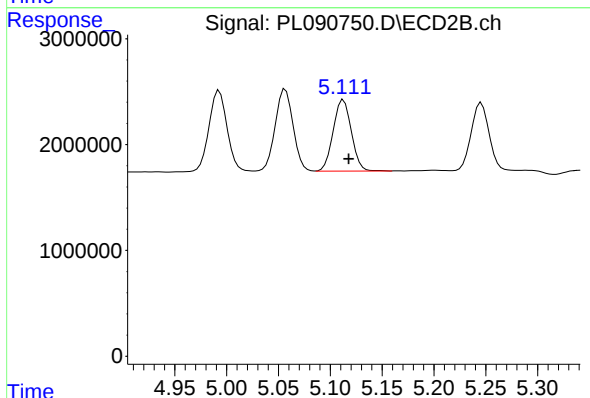
R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 9070463
Conc: 4.65 ng/ml



#9 Endosulfan I

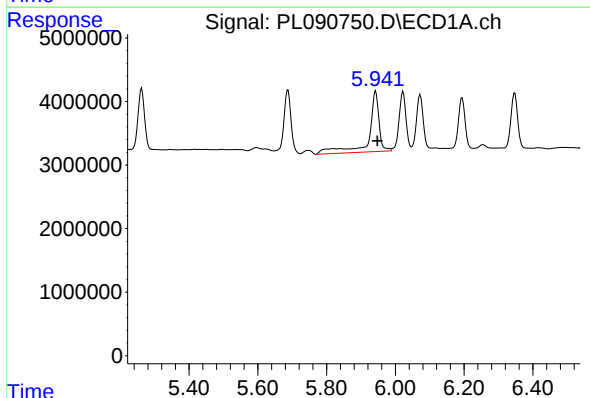
R.T.: 6.072 min
Delta R.T.: -0.005 min
Response: 11795610
Conc: 5.52 ng/ml

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



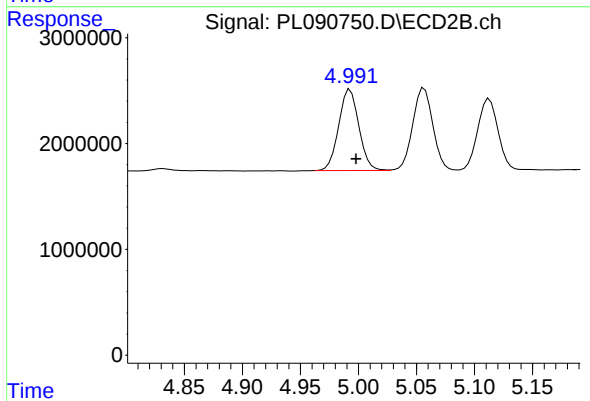
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.005 min
Response: 8248330
Conc: 4.51 ng/ml



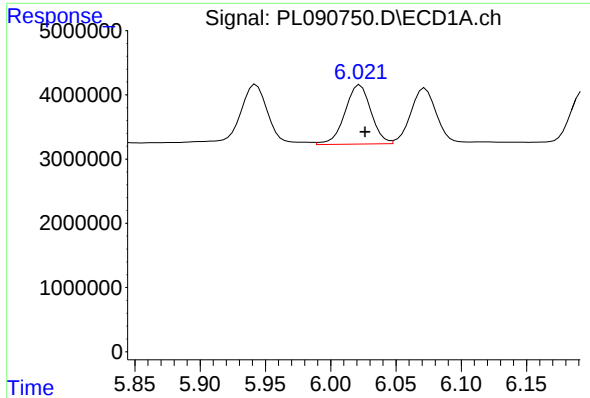
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.004 min
Response: 19820905
Conc: 8.53 ng/ml



#10 gamma-Chlordane

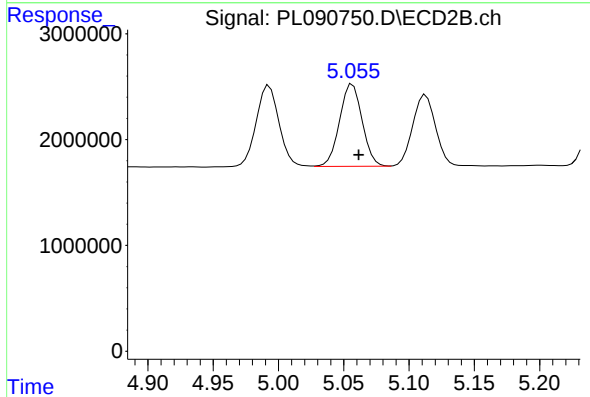
R.T.: 4.993 min
Delta R.T.: -0.005 min
Response: 9305112
Conc: 4.59 ng/ml



#11 alpha-Chlordane

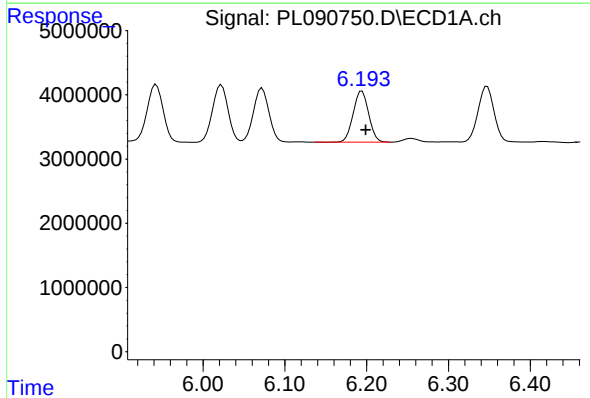
R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 12833917
Conc: 5.59 ng/ml

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



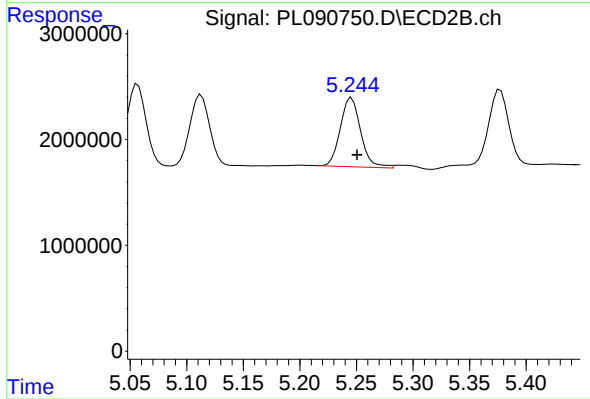
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 9369601
Conc: 4.64 ng/ml



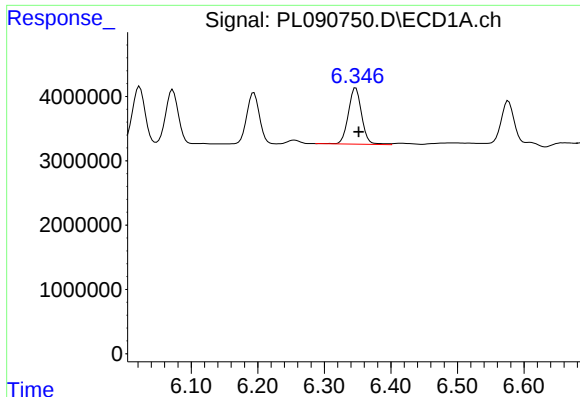
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.005 min
Response: 10472406
Conc: 5.18 ng/ml



#12 4,4'-DDE

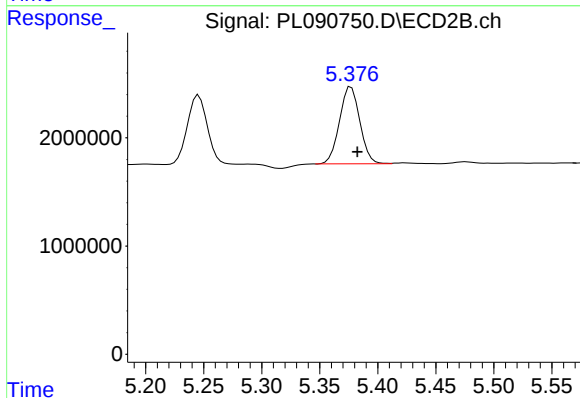
R.T.: 5.246 min
Delta R.T.: -0.005 min
Response: 8169678
Conc: 4.57 ng/ml



#13 Dieldrin

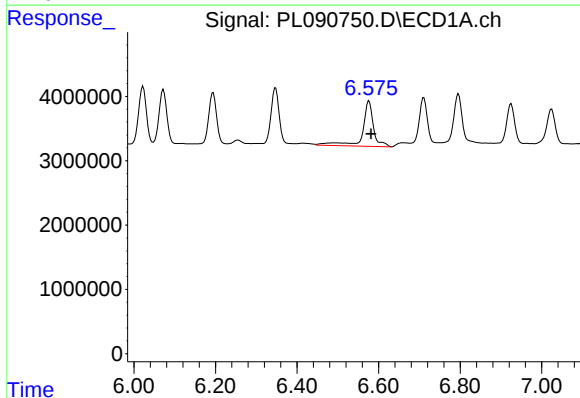
R.T.: 6.347 min
Delta R.T.: -0.005 min
Response: 12185545
Conc: 5.48 ng/ml

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



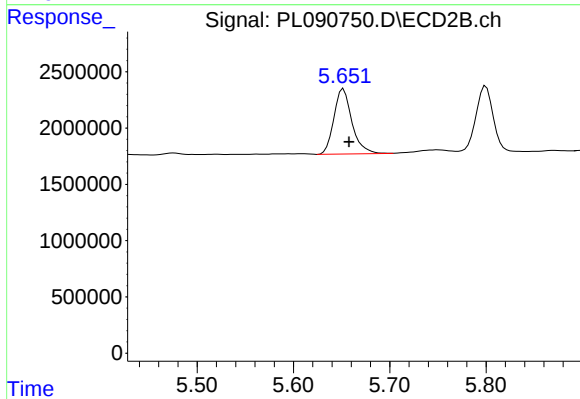
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: -0.005 min
Response: 8705192
Conc: 4.44 ng/ml



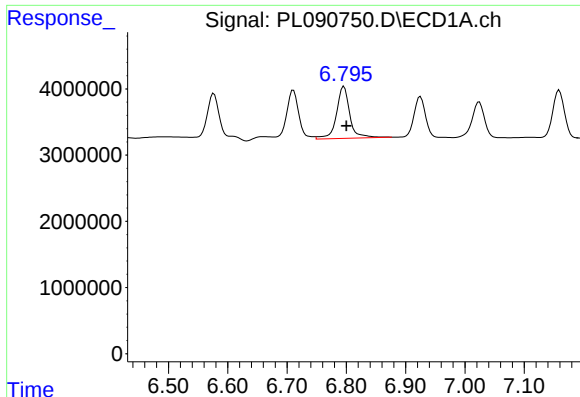
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.005 min
Response: 13141691
Conc: 7.15 ng/ml



#14 Endrin

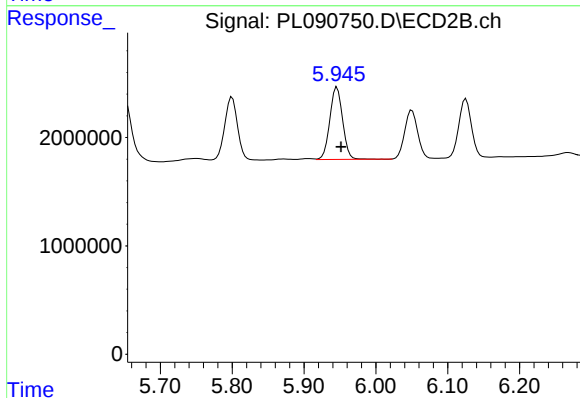
R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 7534591
Conc: 4.38 ng/ml



#15 Endosulfan II

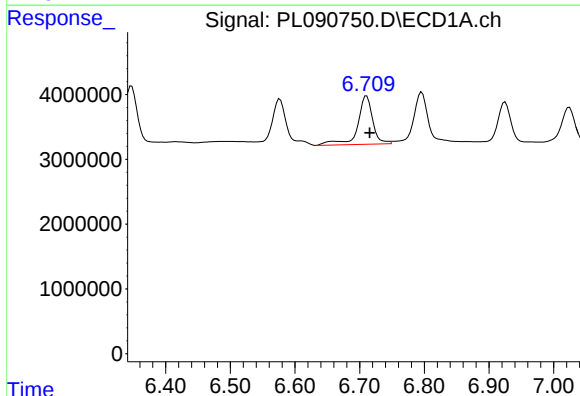
R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 12187549
Conc: 6.20 ng/ml

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



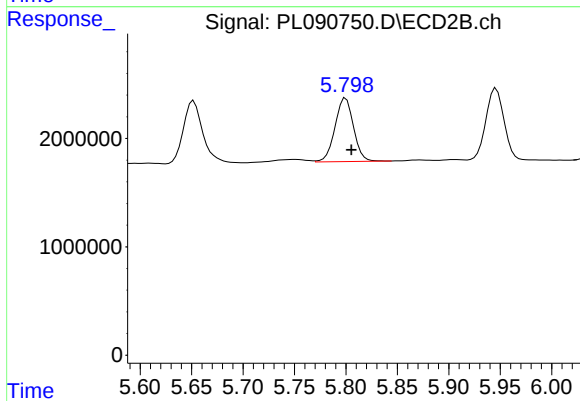
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 8227324
Conc: 4.82 ng/ml



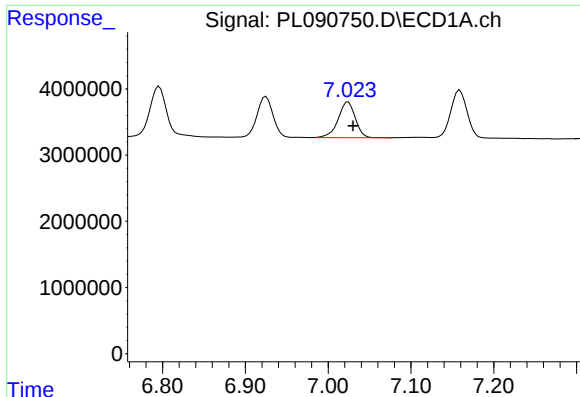
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.005 min
Response: 12086816
Conc: 7.16 ng/ml



#16 4,4'-DDD

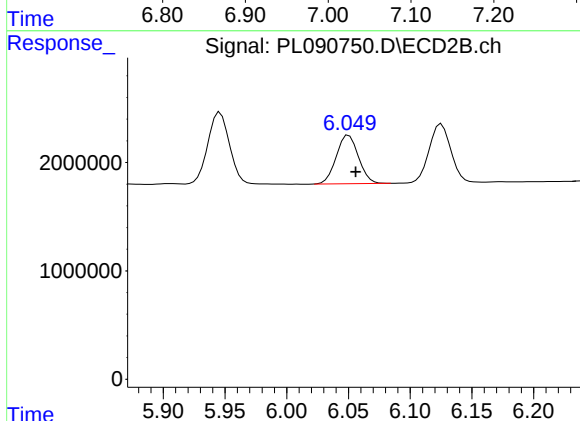
R.T.: 5.800 min
Delta R.T.: -0.005 min
Response: 7328326
Conc: 4.89 ng/ml



#17 4,4'-DDT

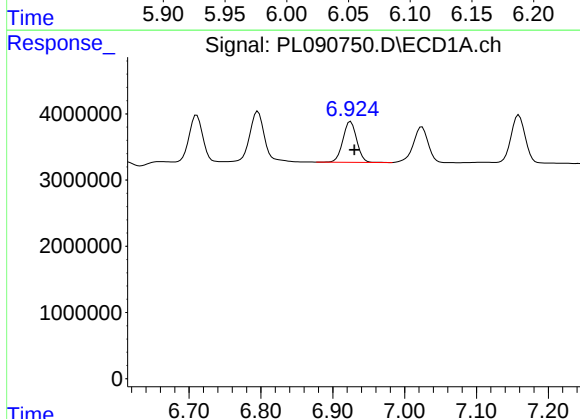
R.T.: 7.024 min
Delta R.T.: -0.006 min
Response: 7772655
Conc: 4.62 ng/ml

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



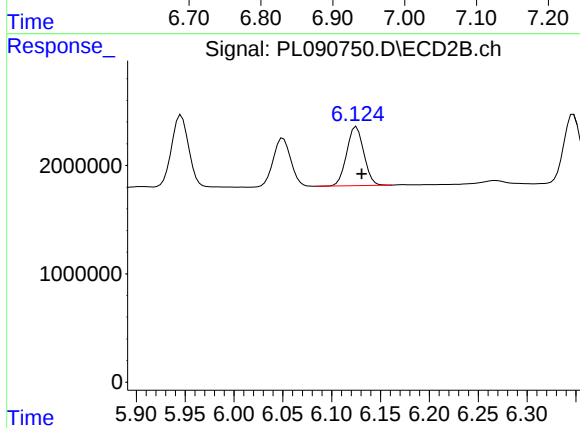
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: -0.005 min
Response: 5611853
Conc: 3.83 ng/ml



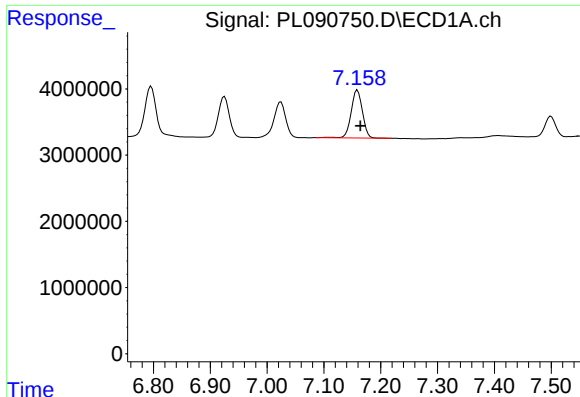
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 8227327
Conc: 5.55 ng/ml



#18 Endrin aldehyde

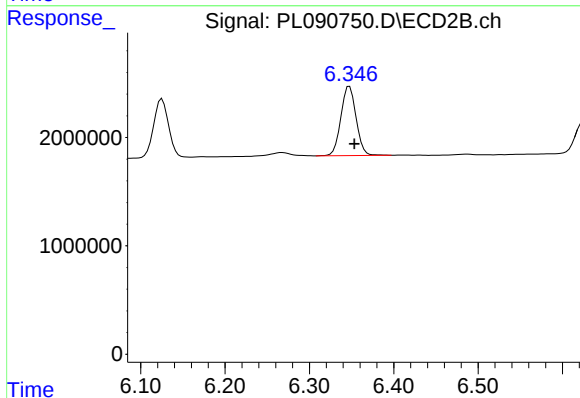
R.T.: 6.125 min
Delta R.T.: -0.005 min
Response: 6647177
Conc: 5.09 ng/ml



#19 Endosulfan Sulfate

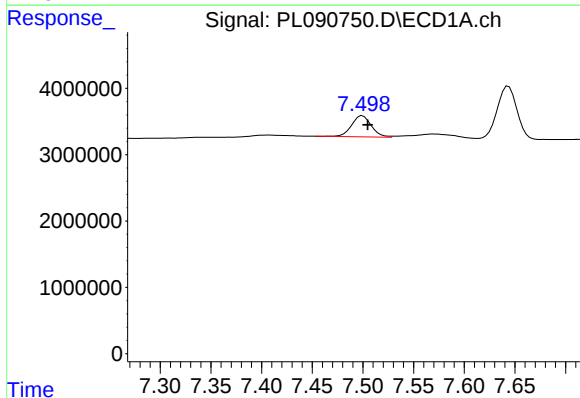
R.T.: 7.159 min
Delta R.T.: -0.005 min
Response: 10049198
Conc: 5.72 ng/ml

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



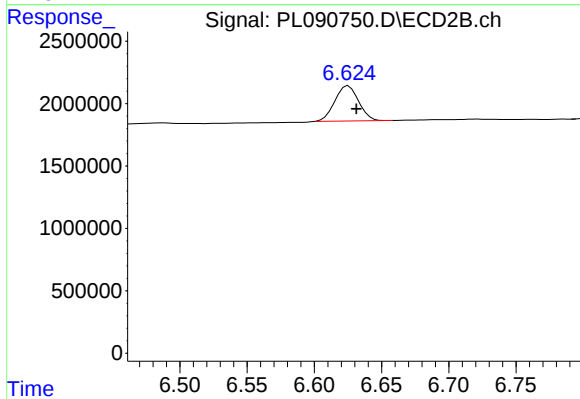
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: -0.006 min
Response: 8045484
Conc: 4.99 ng/ml



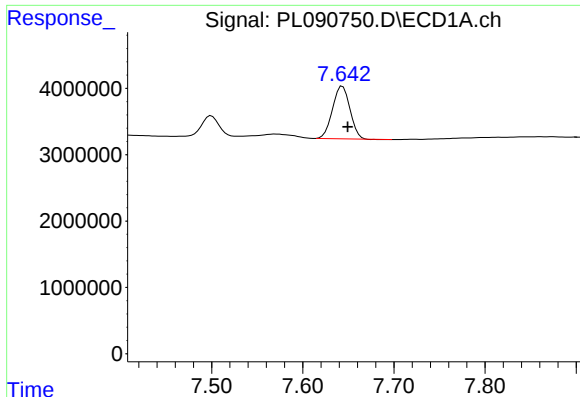
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: -0.005 min
Response: 4320410
Conc: 4.89 ng/ml



#20 Methoxychlor

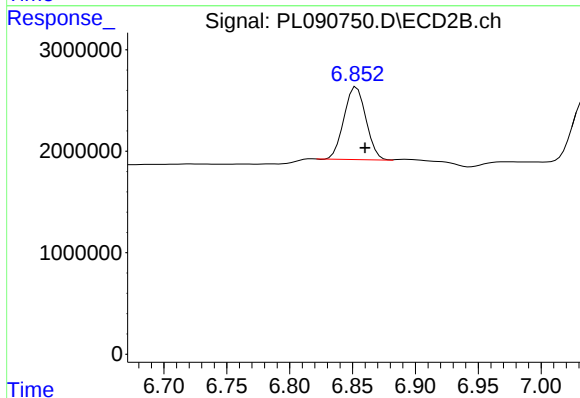
R.T.: 6.625 min
Delta R.T.: -0.006 min
Response: 3458204
Conc: 4.28 ng/ml



#21 Endrin ketone

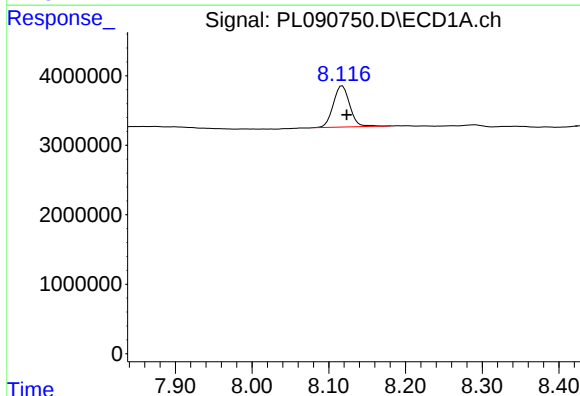
R.T.: 7.644 min
Delta R.T.: -0.006 min
Response: 10529776
Conc: 5.52 ng/ml

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



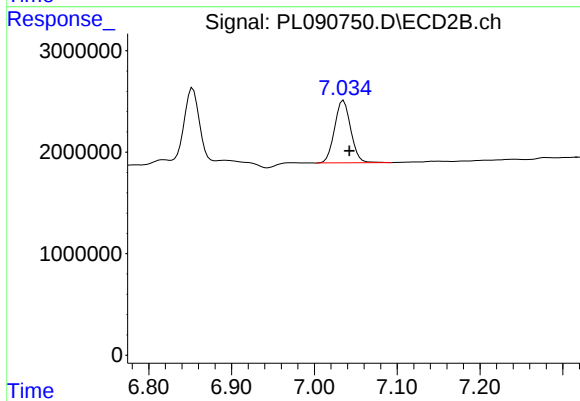
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.007 min
Response: 8716164
Conc: 4.77 ng/ml



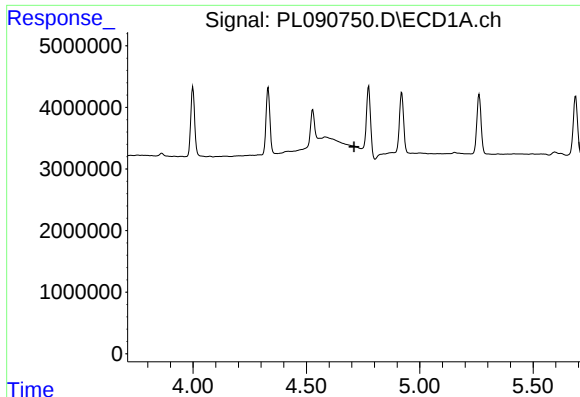
#22 Mirex

R.T.: 8.118 min
Delta R.T.: -0.006 min
Response: 8858788
Conc: 6.26 ng/ml



#22 Mirex

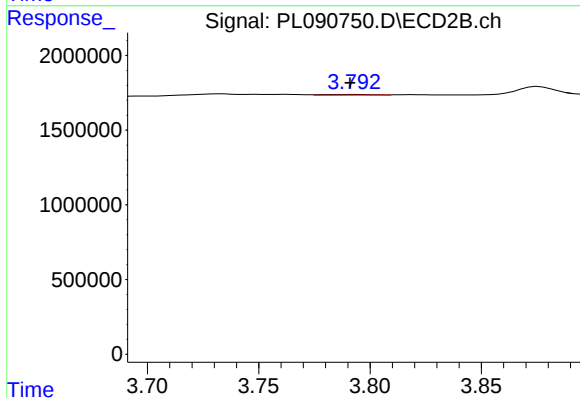
R.T.: 7.035 min
Delta R.T.: -0.007 min
Response: 8339737
Conc: 5.61 ng/ml



#23 Chlordane-1

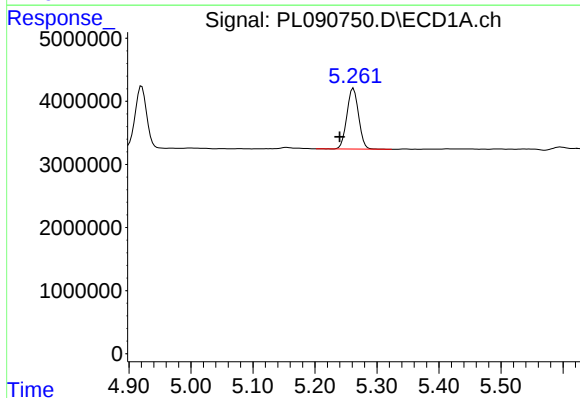
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

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



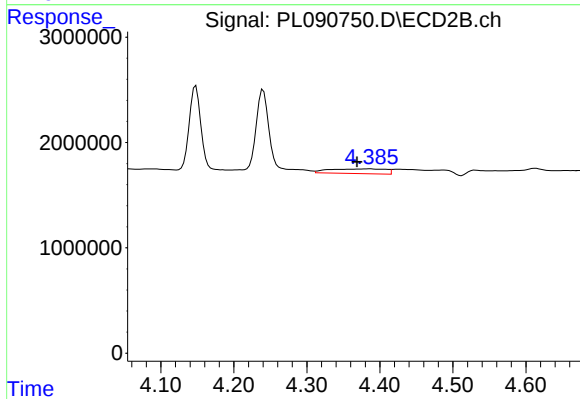
#23 Chlordane-1

R.T.: 3.793 min
Delta R.T.: 0.002 min
Response: 70891
Conc: 1.14 ng/ml



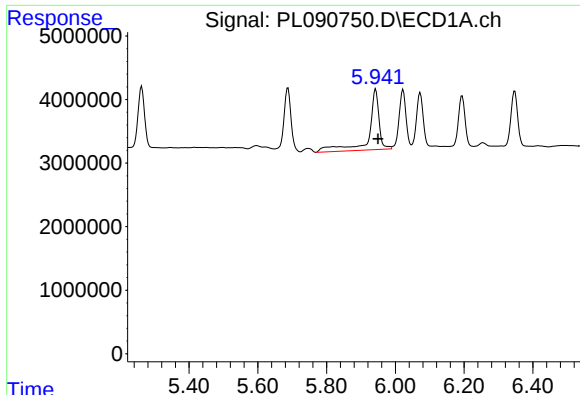
#24 Chlordane-2

R.T.: 5.262 min
Delta R.T.: 0.022 min
Response: 12628068
Conc: 123.38 ng/ml



#24 Chlordane-2

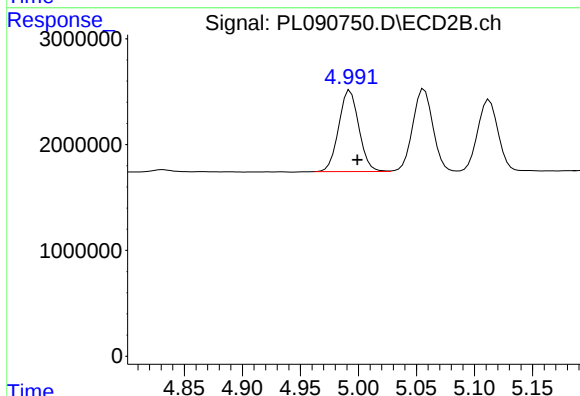
R.T.: 4.386 min
Delta R.T.: 0.018 min
Response: 2429959
Conc: 32.04 ng/ml



#25 Chlordane-3

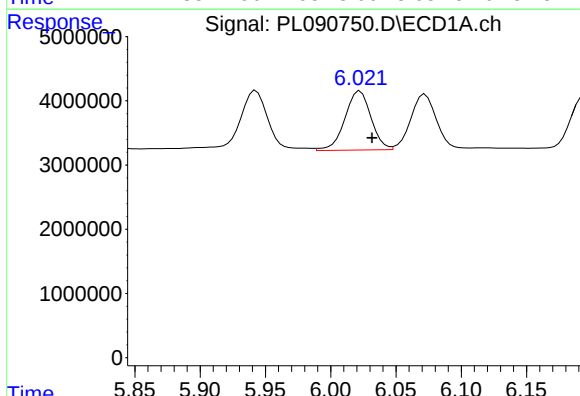
R.T.: 5.943 min
Delta R.T.: -0.007 min
Response: 19820905
Conc: 59.87 ng/ml

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



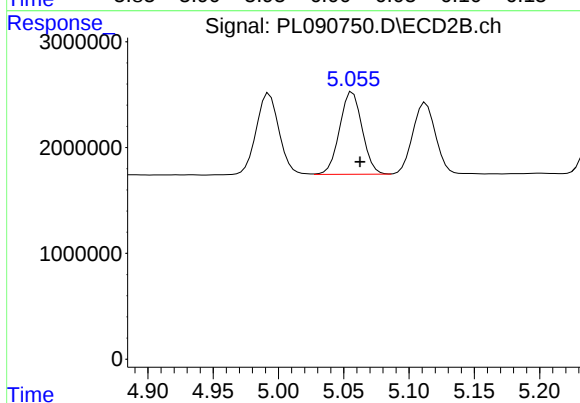
#25 Chlordane-3

R.T.: 4.993 min
Delta R.T.: -0.006 min
Response: 9305112
Conc: 45.02 ng/ml



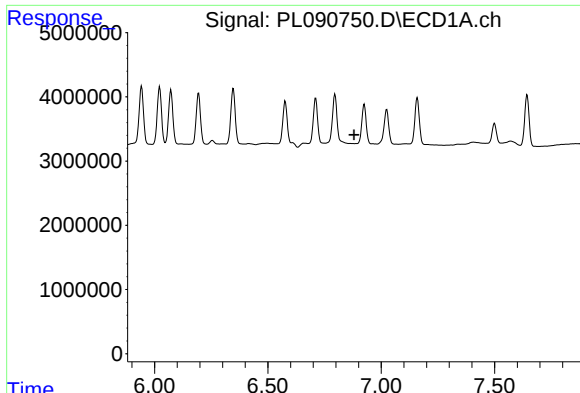
#26 Chlordane-4

R.T.: 6.022 min
Delta R.T.: -0.009 min
Response: 12833917
Conc: 32.22 ng/ml



#26 Chlordane-4

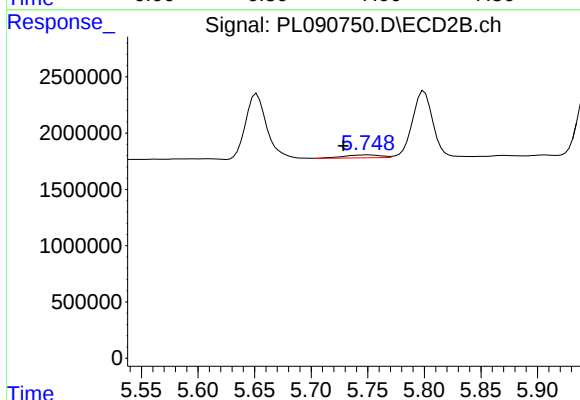
R.T.: 5.057 min
Delta R.T.: -0.006 min
Response: 9369601
Conc: 47.88 ng/ml



#27 Chlordane-5

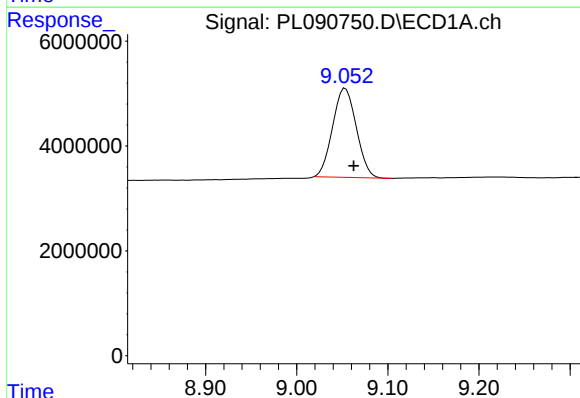
R.T.: 0.000 min
Exp R.T.: 6.880 min
Response: 0
Conc: N.D.

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



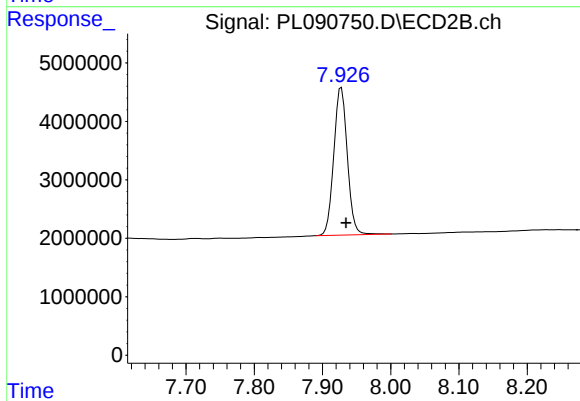
#27 Chlordane-5

R.T.: 5.750 min
Delta R.T.: 0.022 min
Response: 581594
Conc: 9.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.009 min
Response: 30730940
Conc: 23.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.928 min
Delta R.T.: -0.007 min
Response: 34770568
Conc: 23.85 ng/ml