

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092324.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 10:12
 Operator : AR\AJ
 Sample : P4368-07
 Misc : PEST LOD 1PPB WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 07:13:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	2.780	41707497	44601249	18.748	17.783
28)	SA Decachlor...	9.065	7.922	34377629	47951919	20.985	19.166
Target Compounds							
2)	A alpha-BHC	4.003	3.283	3550250	3866120	1.147	1.061
3)	MA gamma-BHC...	4.336	3.613	3782168	3154534	1.221	0.893 #
4)	MA Heptachlor	4.924	3.953	3532371	3530374	1.277	1.023
5)	MB Aldrin	5.266	4.233	4008826	3432463	1.443	1.009 #
6)	B beta-BHC	4.533	3.913	1662669	1864044	1.254	1.240
7)	B delta-BHC	4.780	4.142	4284388	3224859	1.485	0.929 #
8)	B Heptachlo...	5.692	4.736	3688265	2848769	1.449	0.942 #
9)	A Endosulfan I	6.078	5.106	2914818	2960723	1.260	1.079
10)	B gamma-Chl...	5.949	4.986	5252835	2506143	2.126	0.833 #
11)	B alpha-Chl...	6.027	5.050	3835668	3082297	1.557	1.030 #
12)	B 4,4'-DDE	6.200	5.239	2602421	2740773	1.202	0.986
13)	MA Dieldrin	6.353	5.370	2917858	2632406	1.196	0.898
14)	MA Endrin	6.583	5.646	2211848	2720225	1.073	1.037
15)	B Endosulfa...	6.802	5.941	3860094	2488121	1.755	0.994 #
16)	A 4,4'-DDD	6.718	5.794	2628800	2065538	1.464	0.967 #
17)	MA 4,4'-DDT	7.031	6.044	2710606	2192139	1.472	0.948 #
18)	B Endrin al...	6.933	6.120	2363981	2073561	1.356	1.016 #
19)	B Endosulfa...	7.166	6.343	2346624	2770088	1.184	1.148
20)	A Methoxychlor	0.000	6.620	0	1265249	N.D.	1.012 #
21)	B Endrin ke...	7.651	6.849	2103586	2906502	0.957	1.050
22)	Mirex	8.125	7.030	2297623	3470904	1.276	1.427
23)	Chlordane-1	0.000	3.779	0	99308	N.D.	0.993 #
25)	Chlordane-3	5.949	4.986	5252835	2506143	14.023	7.566 #
26)	Chlordane-4	6.027	5.050	3835668	3082297	8.470	9.715
27)	Chlordane-5	0.000	5.941	0	2488121	N.D.	22.943 #

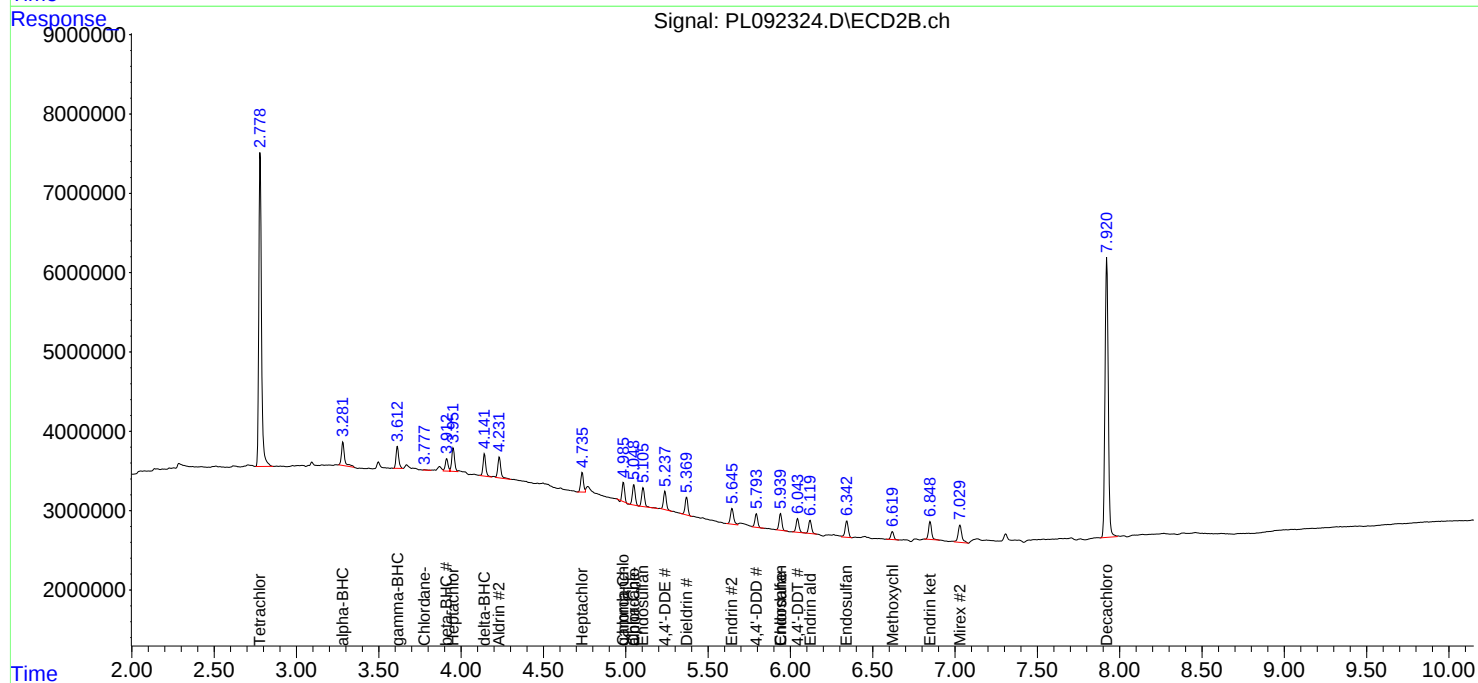
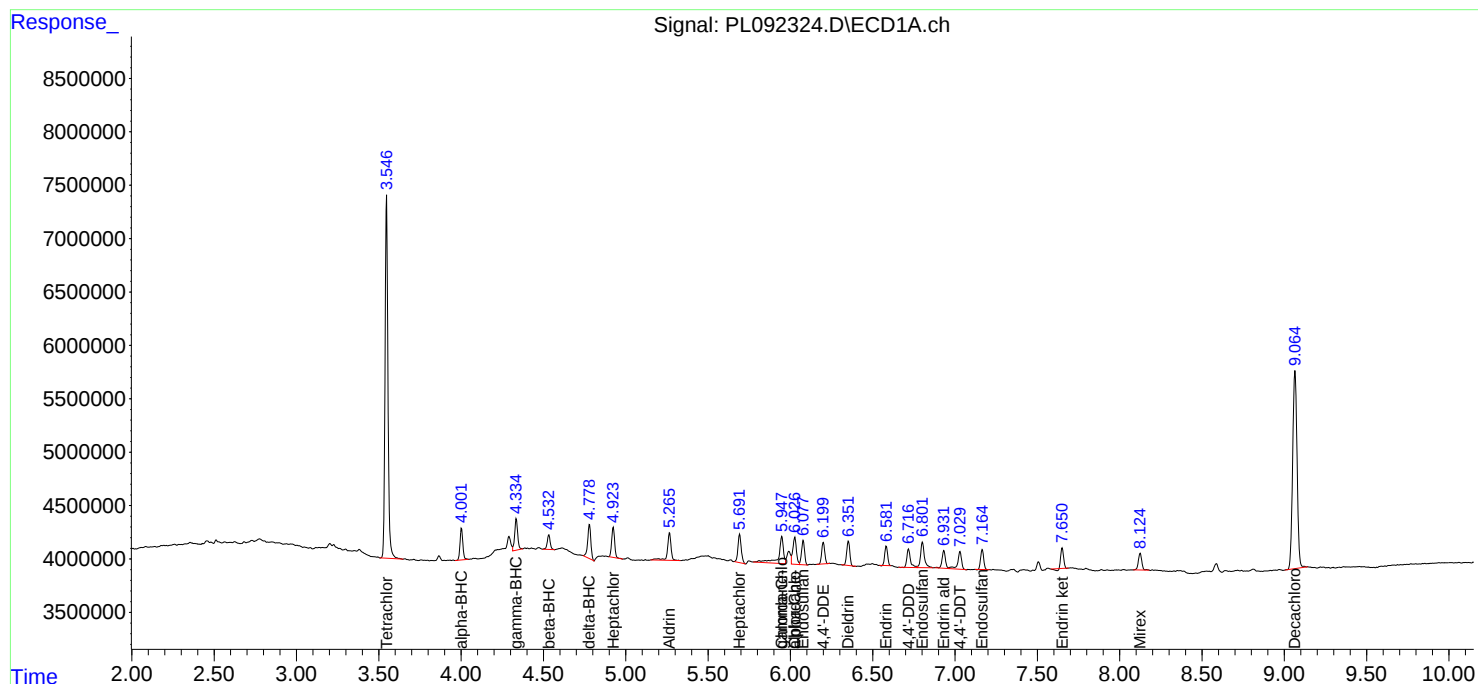
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

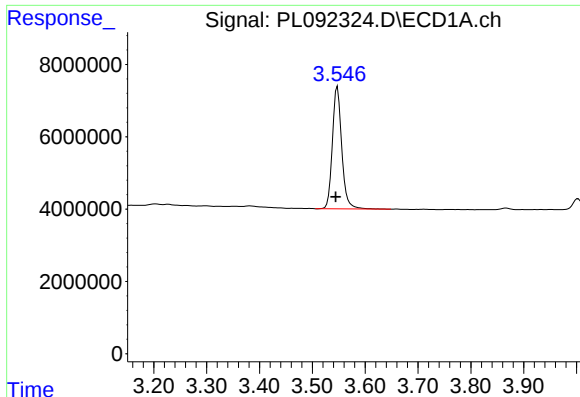
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 10:12
Operator : AR\AJ
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Misc : PEST LOD 1PPB WATER
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 07:13:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
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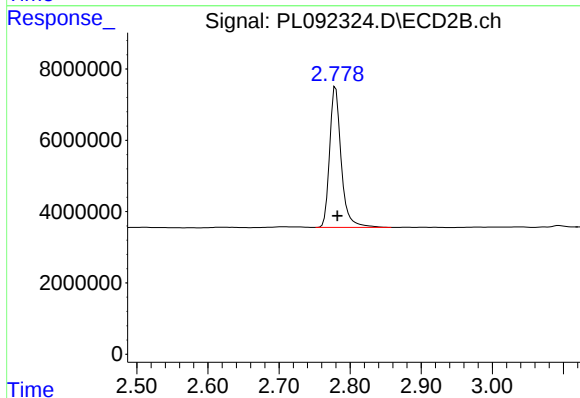




#1 Tetrachloro-m-xylene

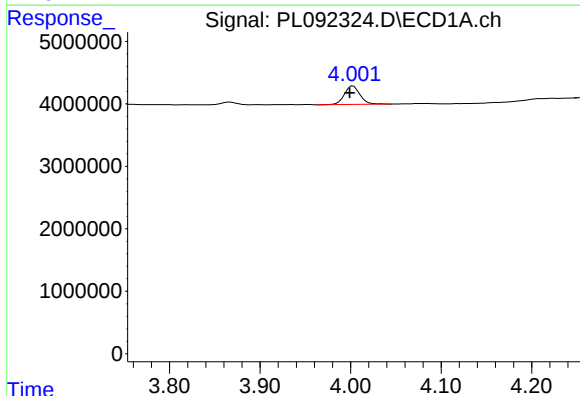
R.T.: 3.547 min
Delta R.T.: 0.003 min
Response: 41707497
Conc: 18.75 ng/ml

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



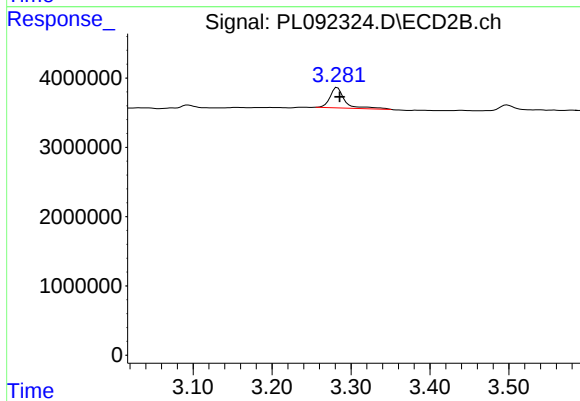
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 44601249
Conc: 17.78 ng/ml



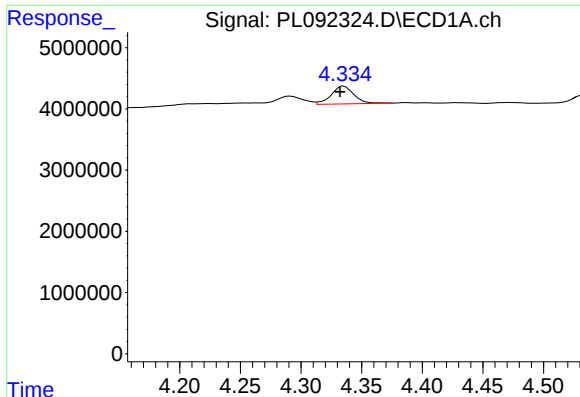
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.004 min
Response: 3550250
Conc: 1.15 ng/ml



#2 alpha-BHC

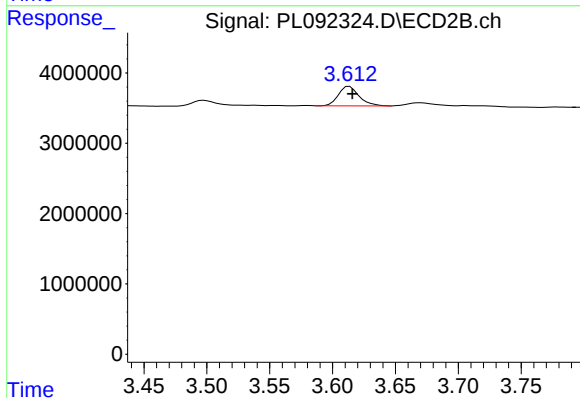
R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 3866120
Conc: 1.06 ng/ml



#3 gamma-BHC (Lindane)

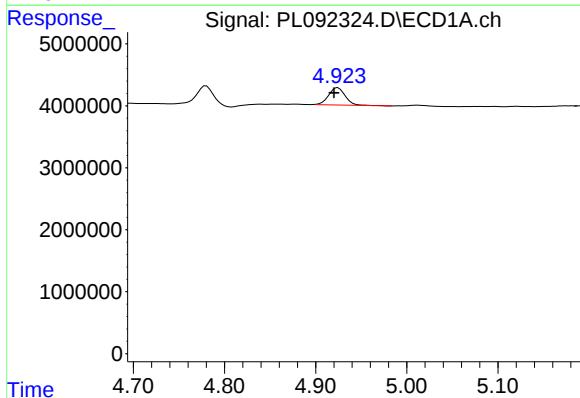
R.T.: 4.336 min
Delta R.T.: 0.003 min
Response: 3782168
Conc: 1.22 ng/ml

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



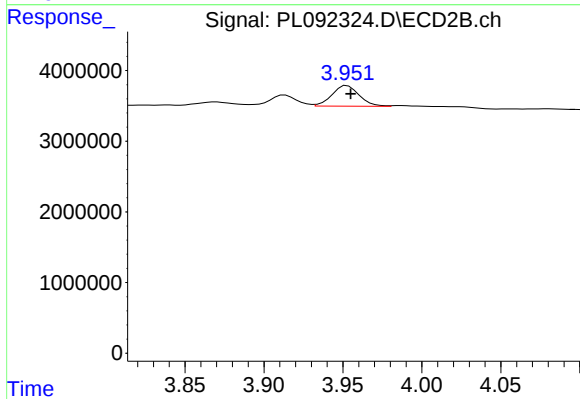
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.002 min
Response: 3154534
Conc: 0.89 ng/ml



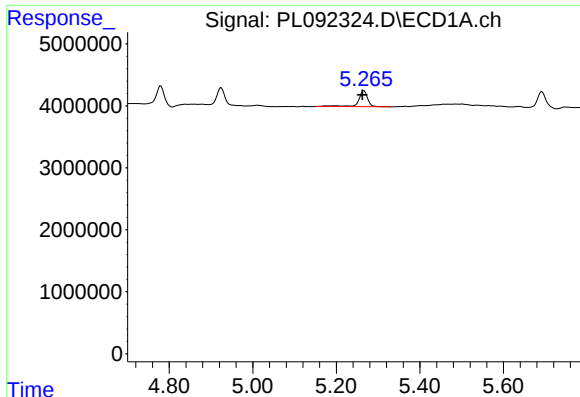
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.004 min
Response: 3532371
Conc: 1.28 ng/ml



#4 Heptachlor

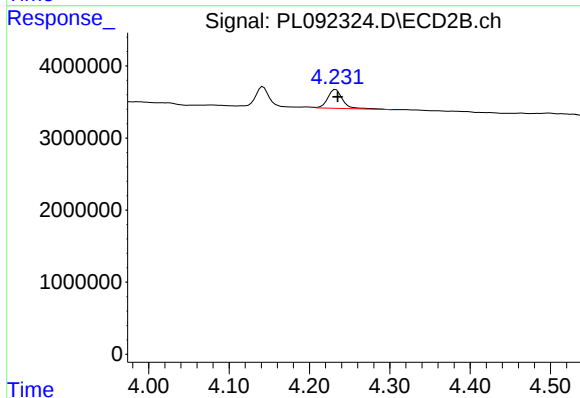
R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 3530374
Conc: 1.02 ng/ml



#5 Aldrin

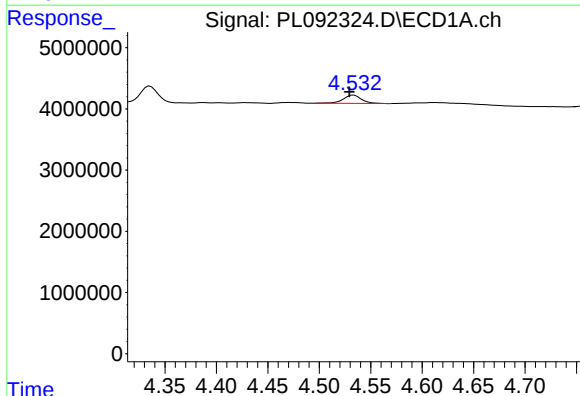
R.T.: 5.266 min
Delta R.T.: 0.003 min
Response: 4008826
Conc: 1.44 ng/ml

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



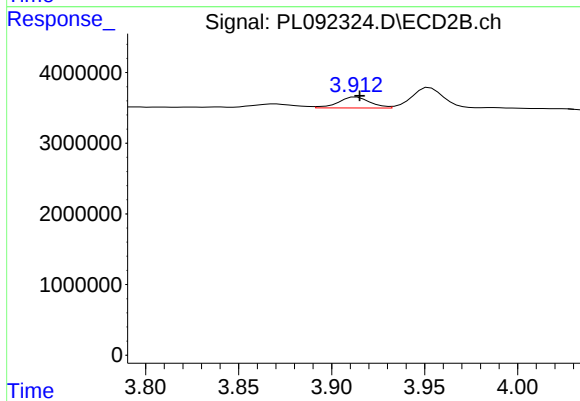
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.003 min
Response: 3432463
Conc: 1.01 ng/ml



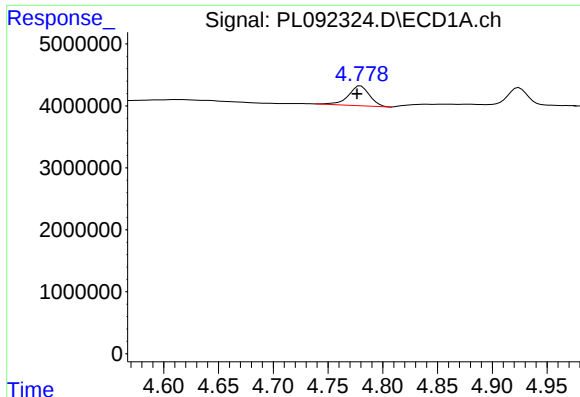
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.004 min
Response: 1662669
Conc: 1.25 ng/ml



#6 beta-BHC

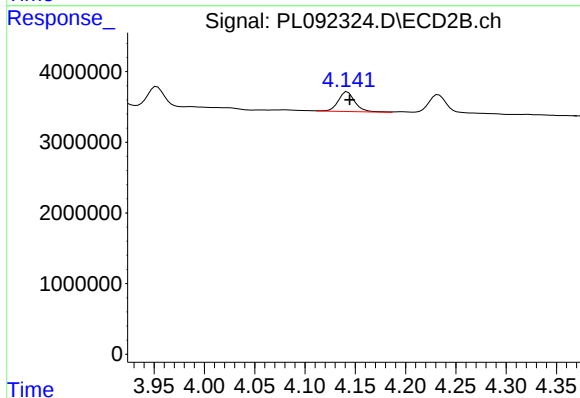
R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 1864044
Conc: 1.24 ng/ml



#7 delta-BHC

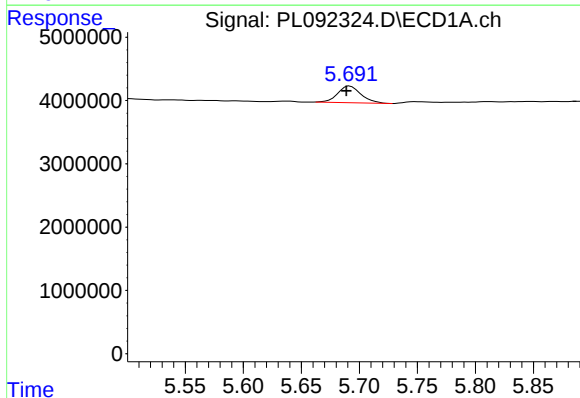
R.T.: 4.780 min
Delta R.T.: 0.003 min
Response: 4284388
Conc: 1.49 ng/ml

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



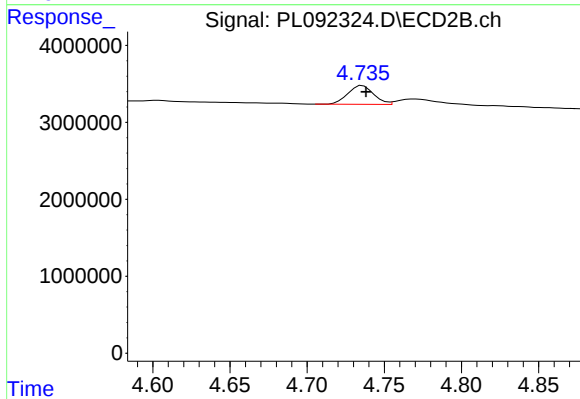
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: -0.002 min
Response: 3224859
Conc: 0.93 ng/ml



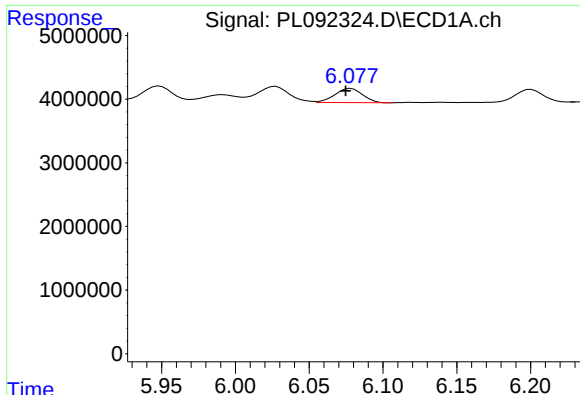
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.003 min
Response: 3688265
Conc: 1.45 ng/ml



#8 Heptachlor epoxide

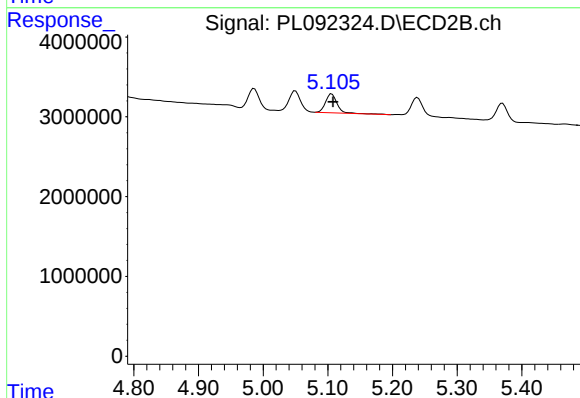
R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 2848769
Conc: 0.94 ng/ml



#9 Endosulfan I

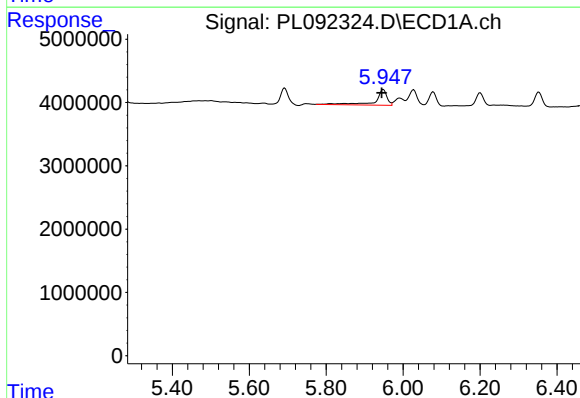
R.T.: 6.078 min
Delta R.T.: 0.004 min
Response: 2914818
Conc: 1.26 ng/ml

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



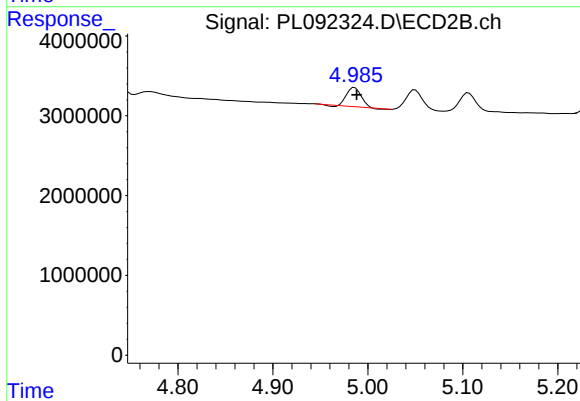
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 2960723
Conc: 1.08 ng/ml



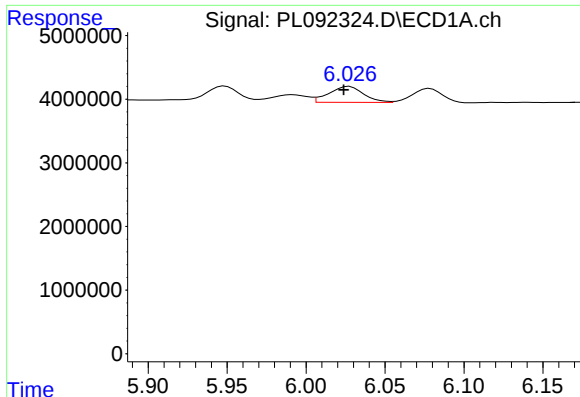
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.004 min
Response: 5252835
Conc: 2.13 ng/ml



#10 gamma-Chlordane

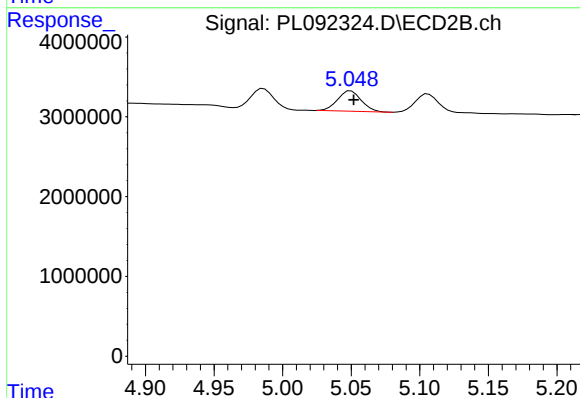
R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 2506143
Conc: 0.83 ng/ml



#11 alpha-Chlordane

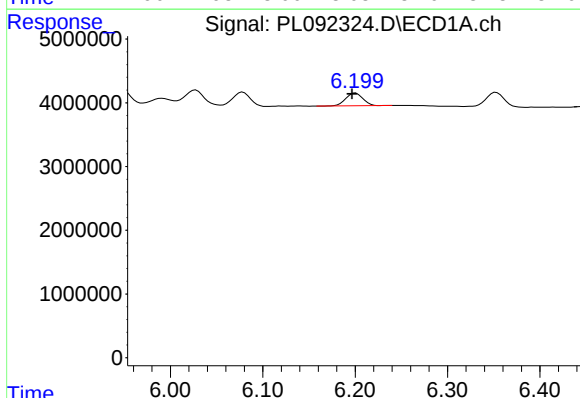
R.T.: 6.027 min
Delta R.T.: 0.004 min
Response: 3835668
Conc: 1.56 ng/ml

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



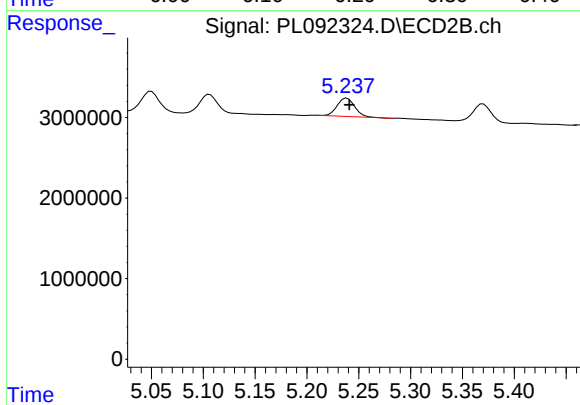
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 3082297
Conc: 1.03 ng/ml



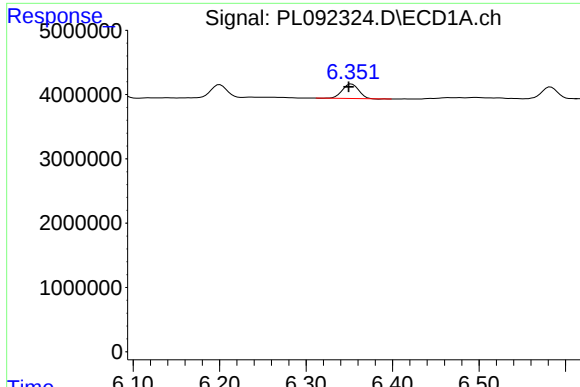
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.004 min
Response: 2602421
Conc: 1.20 ng/ml



#12 4,4'-DDE

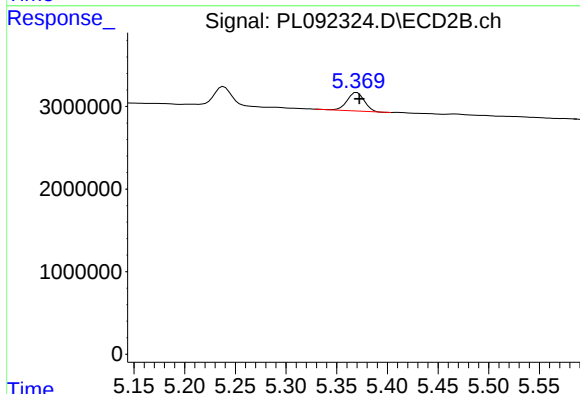
R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 2740773
Conc: 0.99 ng/ml



#13 Dieldrin

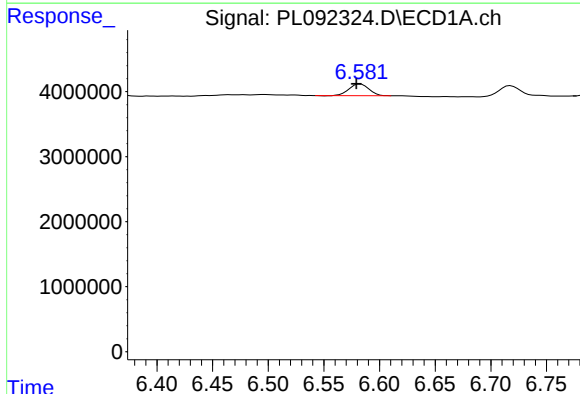
R.T.: 6.353 min
Delta R.T.: 0.004 min
Response: 2917858
Conc: 1.20 ng/ml

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



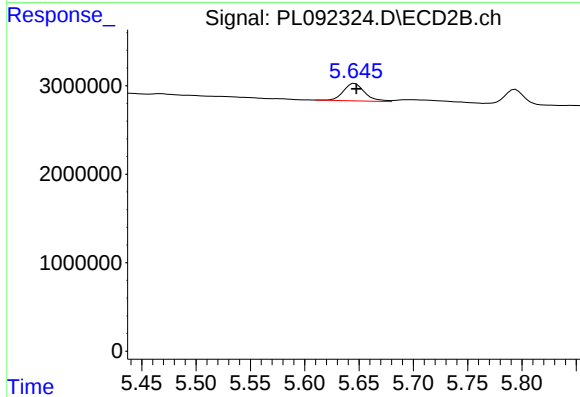
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 2632406
Conc: 0.90 ng/ml



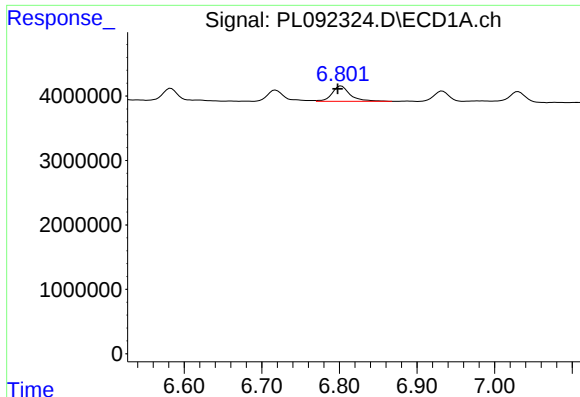
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.004 min
Response: 2211848
Conc: 1.07 ng/ml



#14 Endrin

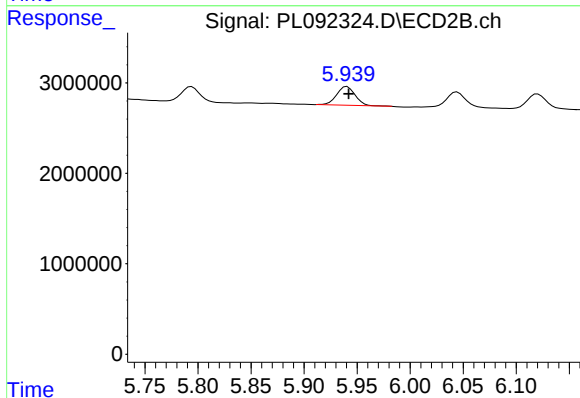
R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 2720225
Conc: 1.04 ng/ml



#15 Endosulfan II

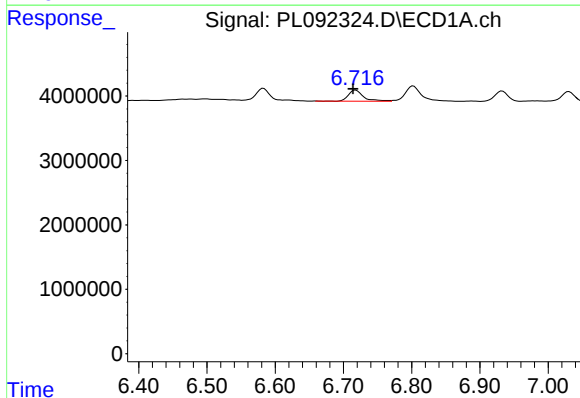
R.T.: 6.802 min
Delta R.T.: 0.004 min
Response: 3860094
Conc: 1.75 ng/ml

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



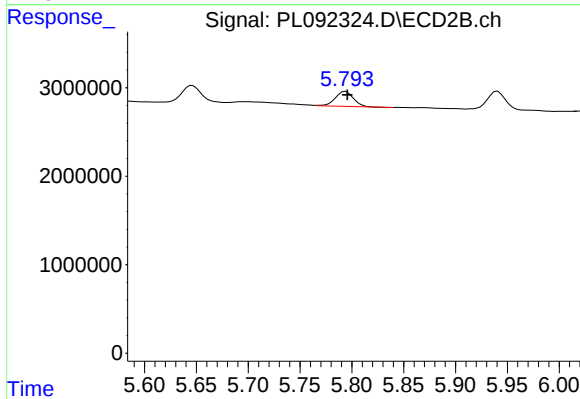
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 2488121
Conc: 0.99 ng/ml



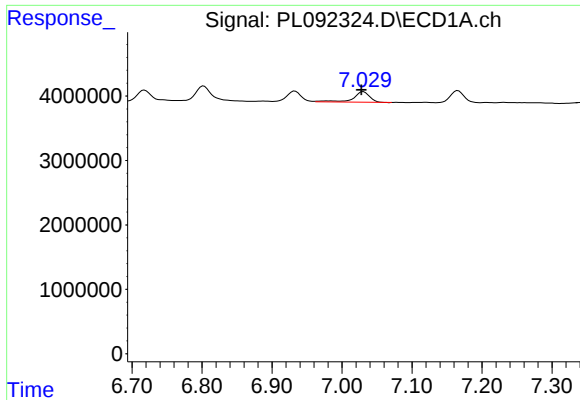
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.004 min
Response: 2628800
Conc: 1.46 ng/ml



#16 4,4'-DDD

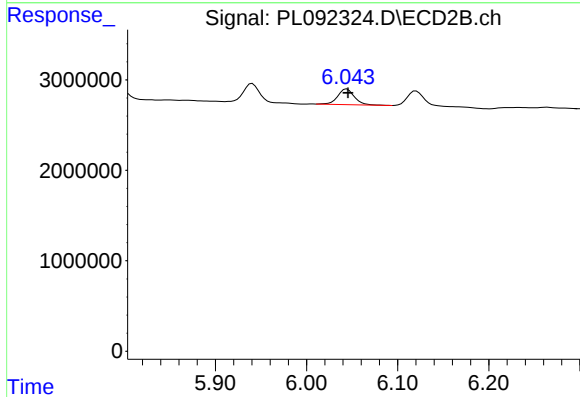
R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 2065538
Conc: 0.97 ng/ml



#17 4,4'-DDT

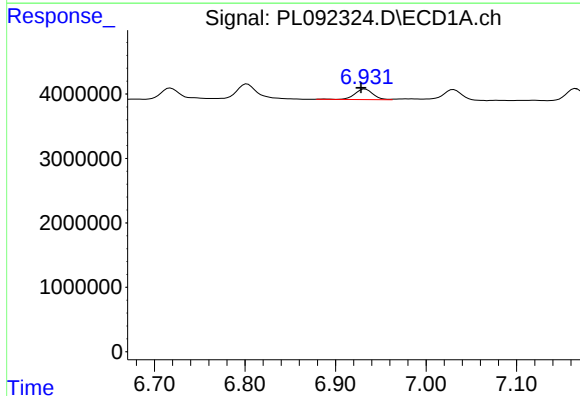
R.T.: 7.031 min
Delta R.T.: 0.003 min
Response: 2710606
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
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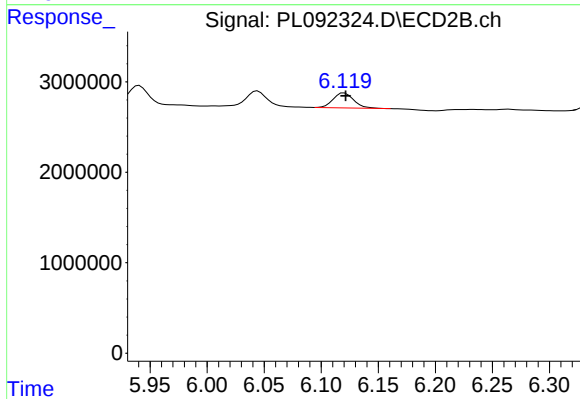
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.001 min
Response: 2192139
Conc: 0.95 ng/ml



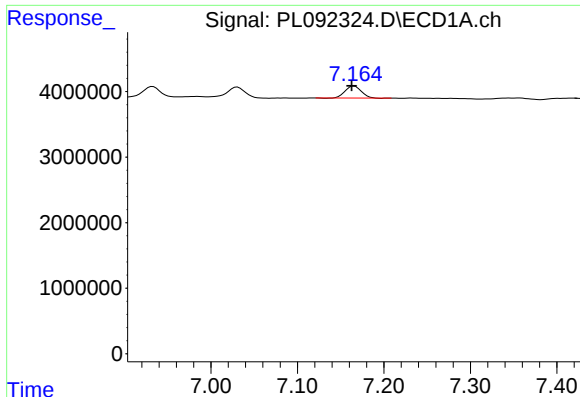
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.005 min
Response: 2363981
Conc: 1.36 ng/ml



#18 Endrin aldehyde

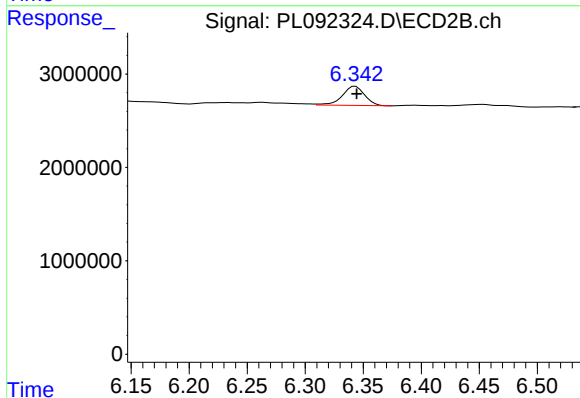
R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 2073561
Conc: 1.02 ng/ml



#19 Endosulfan Sulfate

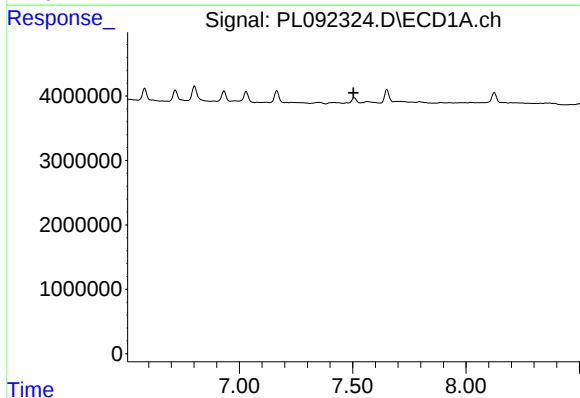
R.T.: 7.166 min
Delta R.T.: 0.003 min
Response: 2346624
Conc: 1.18 ng/ml

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



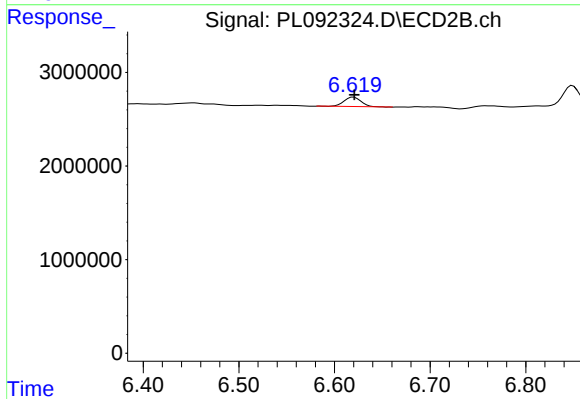
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 2770088
Conc: 1.15 ng/ml



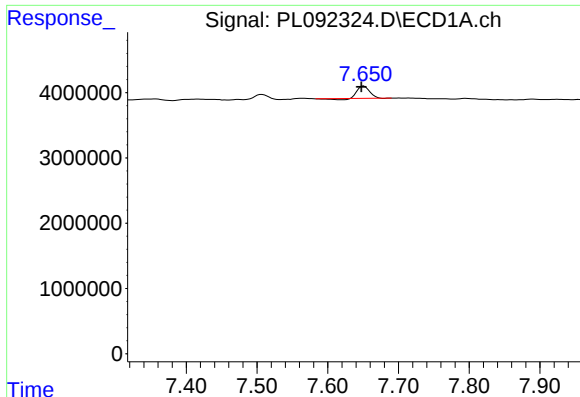
#20 Methoxychlor

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



#20 Methoxychlor

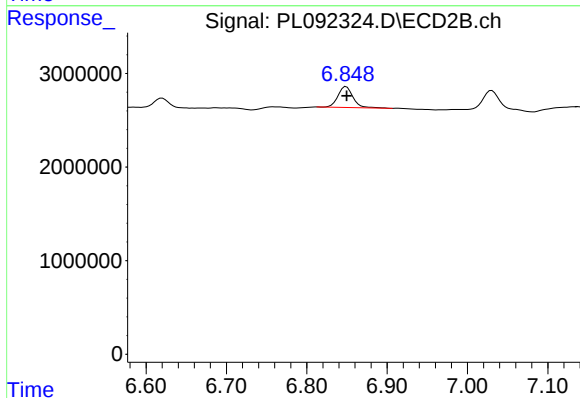
R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 1265249
Conc: 1.01 ng/ml



#21 Endrin ketone

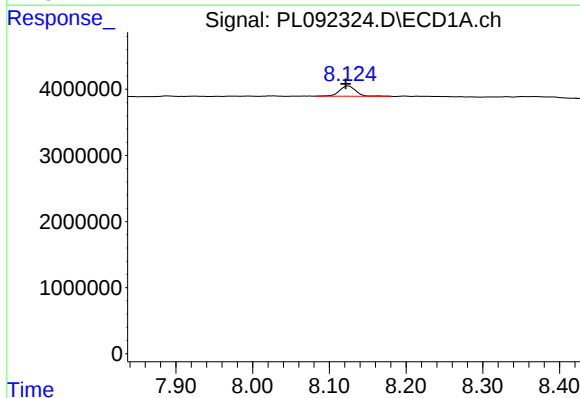
R.T.: 7.651 min
Delta R.T.: 0.004 min
Response: 2103586
Conc: 0.96 ng/ml

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



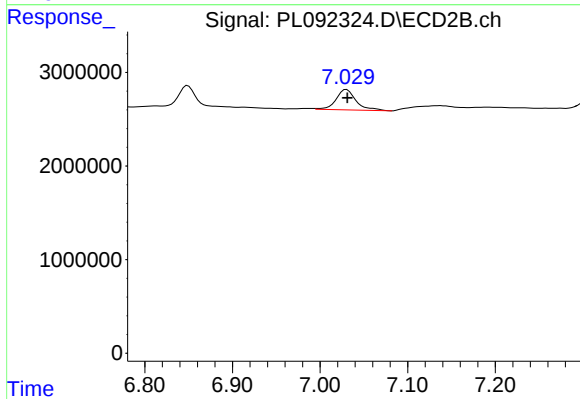
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 2906502
Conc: 1.05 ng/ml



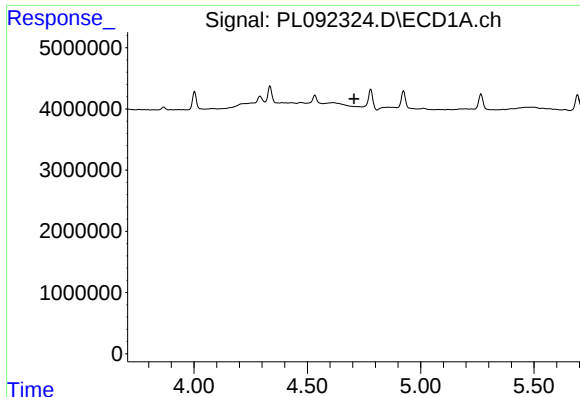
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.004 min
Response: 2297623
Conc: 1.28 ng/ml



#22 Mirex

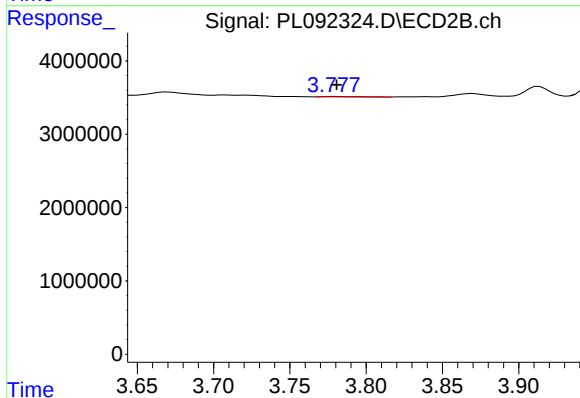
R.T.: 7.030 min
Delta R.T.: -0.001 min
Response: 3470904
Conc: 1.43 ng/ml



#23 Chlordane-1

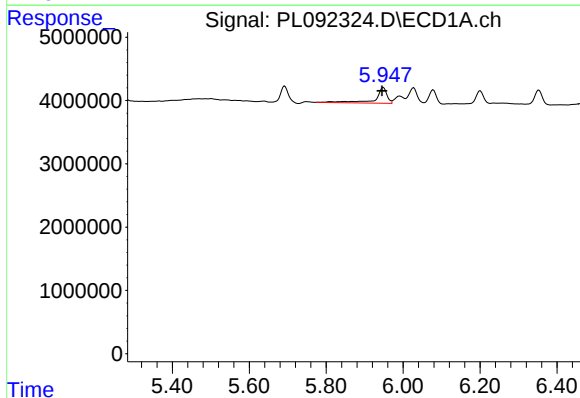
R.T.: 0.000 min
Exp R.T.: 4.706 min
Response: 0
Conc: N.D.

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



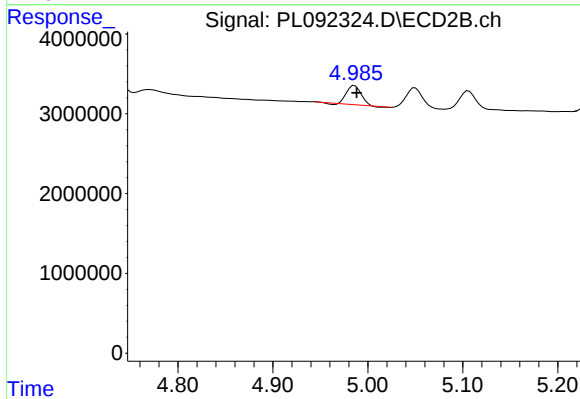
#23 Chlordane-1

R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 99308
Conc: 0.99 ng/ml



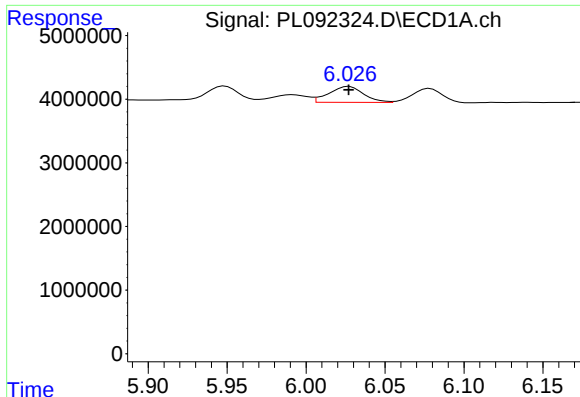
#25 Chlordane-3

R.T.: 5.949 min
Delta R.T.: 0.003 min
Response: 5252835
Conc: 14.02 ng/ml



#25 Chlordane-3

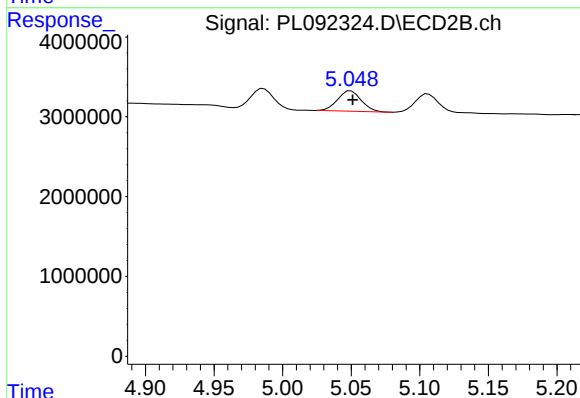
R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 2506143
Conc: 7.57 ng/ml



#26 Chlordane-4

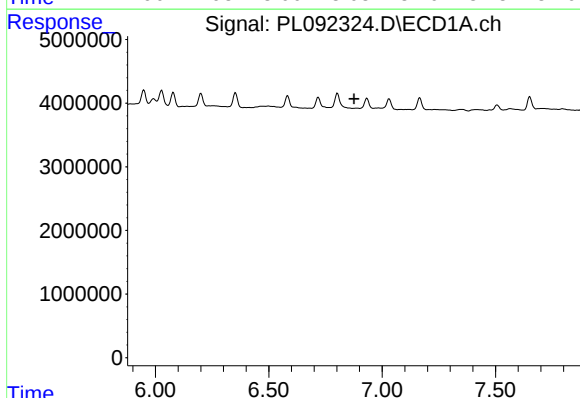
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 3835668
Conc: 8.47 ng/ml

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



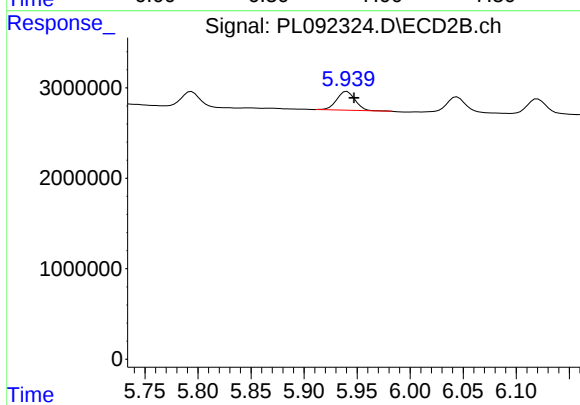
#26 Chlordane-4

R.T.: 5.050 min
Delta R.T.: -0.001 min
Response: 3082297
Conc: 9.71 ng/ml



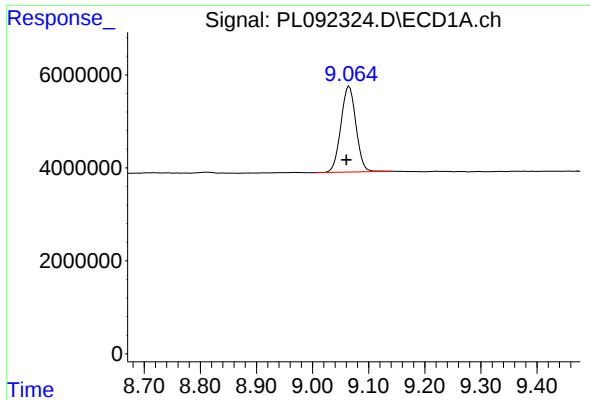
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.876 min
Response: 0
Conc: N.D.



#27 Chlordane-5

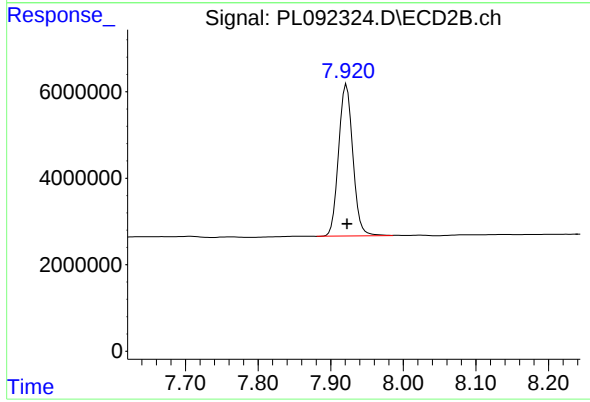
R.T.: 5.941 min
Delta R.T.: -0.007 min
Response: 2488121
Conc: 22.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 34377629
Conc: 20.98 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 47951919
Conc: 19.17 ng/ml