

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012624\
 Data File : PL087974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2024 13:46
 Operator : AR\AJ
 Sample : P1187-09
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 20:58:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 2023
 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...	3.419	2.672	69851003	29481685	23.332	24.338
28)	SA Decachlor...	8.980	7.858	71736646	32339210	25.188	25.528
Target Compounds							
2)	A alpha-BHC	3.875	3.176	3790766	1629625	0.845	0.884
3)	MA gamma-BHC...	4.209	3.507	4060748	1612716	0.931	0.887
4)	MA Heptachlor	4.802	3.848	4895485	1539039	1.114	0.864
5)	MB Aldrin	5.145	4.128	4293533	1564452	1.002	0.886
6)	B beta-BHC	4.411	3.809	3631712	572488	1.952	0.749 #
7)	B delta-BHC	4.656	4.037	6831502	1394662	1.623	0.803 #
8)	B Heptachlo...	5.575	4.635	6142979	1621623	1.603	1.017 #
9)	A Endosulfan I	5.962	5.007	4361524	1484755	1.210	0.960
10)	B gamma-Chl...	5.834	4.889	5617691	1744670	1.453	1.081 #
11)	B alpha-Chl...	5.913	4.953	4708457	1726038	1.225	1.040
12)	B 4,4'-DDE	6.095	5.151	3443613	1220980	1.077	0.908
13)	MA Dieldrin	6.240	5.274	3924434	1529425	1.054	0.962
14)	MA Endrin	6.470	5.550	3569808	1437957	1.137	1.014
15)	B Endosulfa...	6.692	5.847	3964753	1310701	1.236	0.957
16)	A 4,4'-DDD	6.616	5.709	2188797	1132785	0.849	1.005
17)	MA 4,4'-DDT	6.933	5.962	3153382	1184425	1.103	0.952
18)	B Endrin al...	6.824	6.029	2790063	1209632	1.109	1.041
19)	B Endosulfa...	7.061	6.254	3488681	1419654	1.141	1.081
20)	A Methoxychlor	7.419	6.548	1990741	831434	1.226	1.130
21)	B Endrin ke...	7.546	6.760	3575254	1508252	1.099	0.984
22)	Mirex	8.024	6.941	3751627	1625645	1.338	1.212
24)	Chlordane-2	5.145f	4.243f	4293533	57658	29.115	1.031 #
25)	Chlordane-3	5.834	4.889	5617691	1744670	10.099	11.024
26)	Chlordane-4	5.913	4.953	4708457	1726038	6.807	10.102 #
27)	Chlordane-5	0.000	5.619	0	9385	N.D.	0.199 #

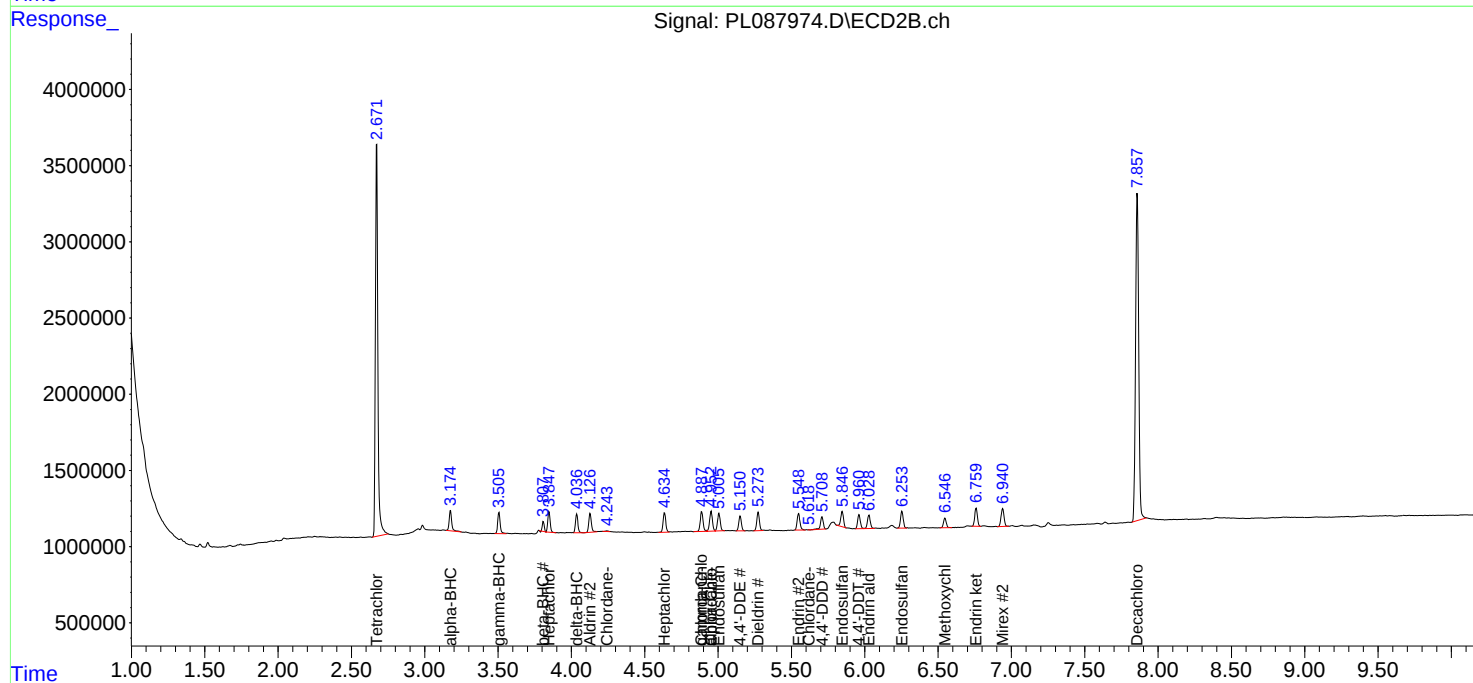
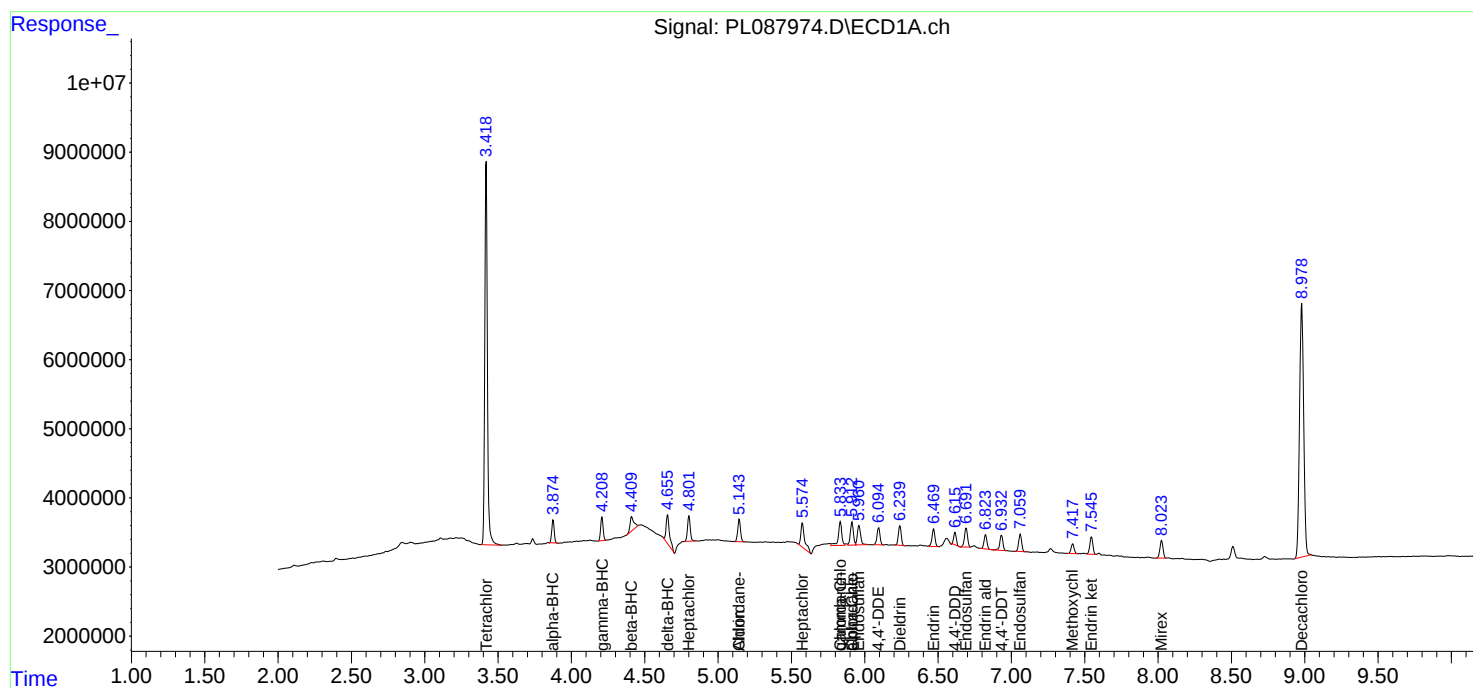
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

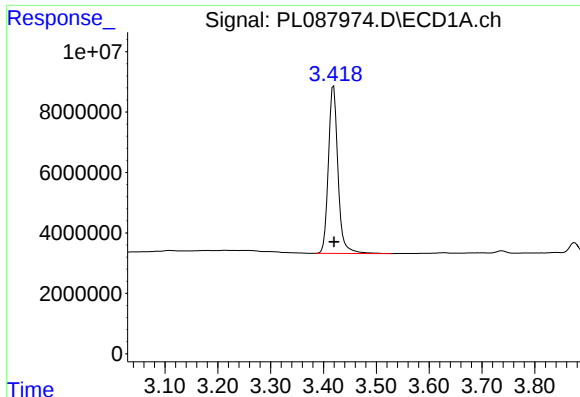
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012624\
Data File : PL087974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jan 2024 13:46
Operator : AR\AJ
Sample : P1187-09
Misc : PEST MDL 1PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 26 20:58:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 2023
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

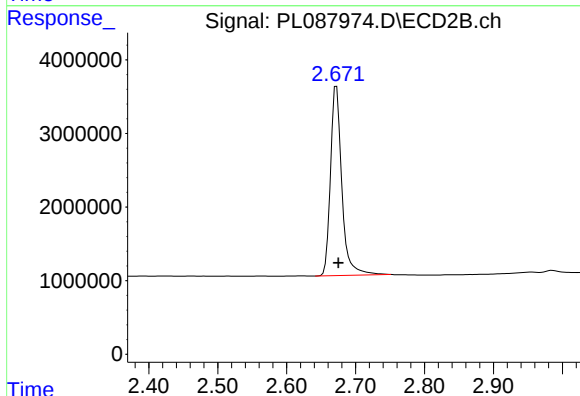




#1 Tetrachloro-m-xylene

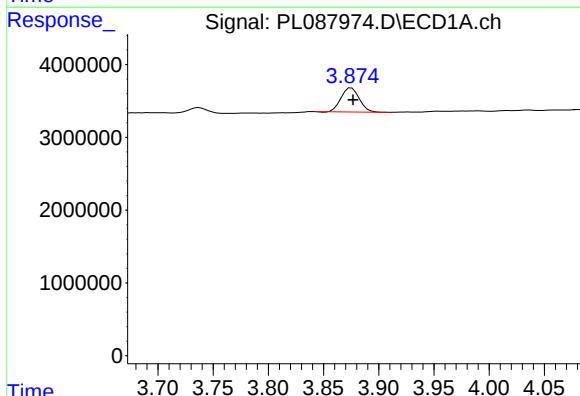
R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 69851003
Conc: 23.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



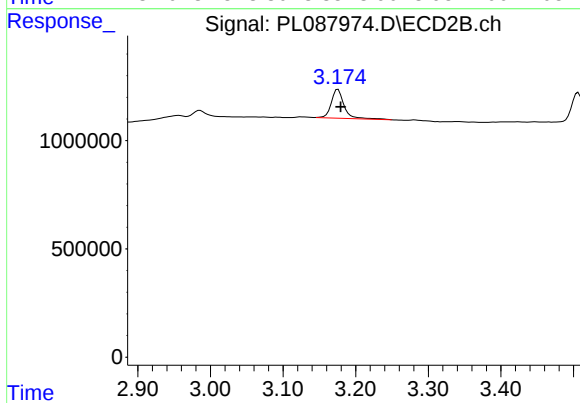
#1 Tetrachloro-m-xylene

R.T.: 2.672 min
Delta R.T.: -0.003 min
Response: 29481685
Conc: 24.34 ng/ml



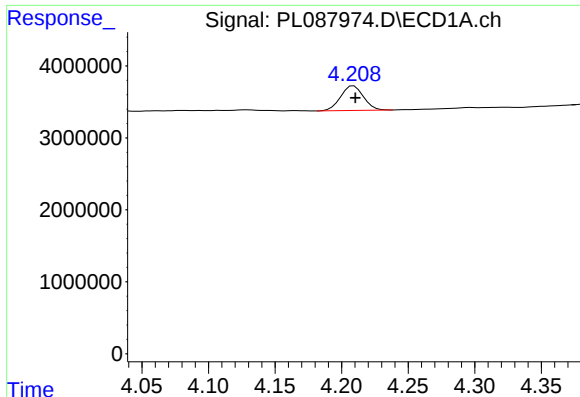
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.001 min
Response: 3790766
Conc: 0.84 ng/ml



#2 alpha-BHC

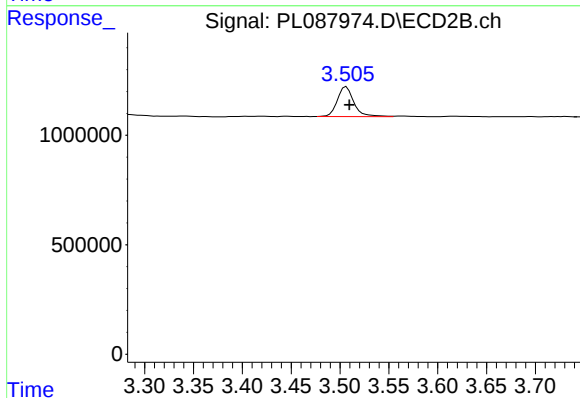
R.T.: 3.176 min
Delta R.T.: -0.003 min
Response: 1629625
Conc: 0.88 ng/ml



#3 gamma-BHC (Lindane)

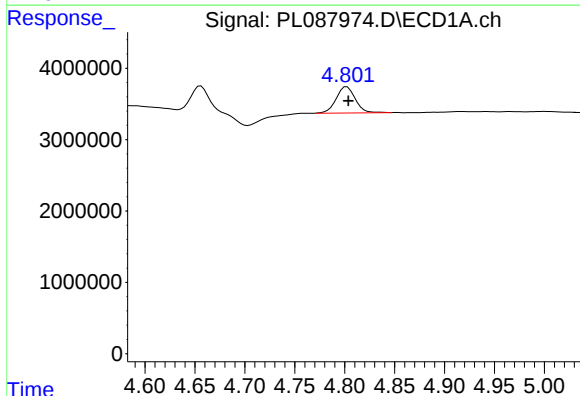
R.T.: 4.209 min
Delta R.T.: -0.001 min
Response: 4060748
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



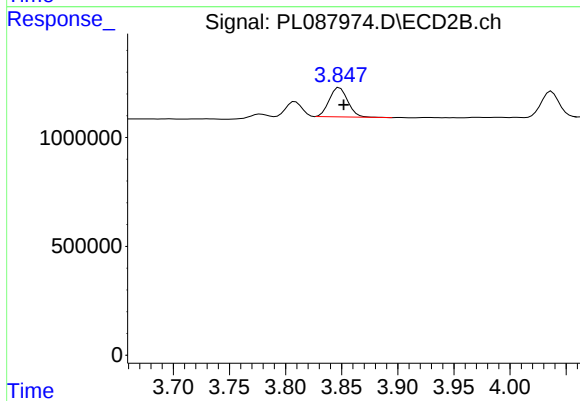
#3 gamma-BHC (Lindane)

R.T.: 3.507 min
Delta R.T.: -0.003 min
Response: 1612716
Conc: 0.89 ng/ml



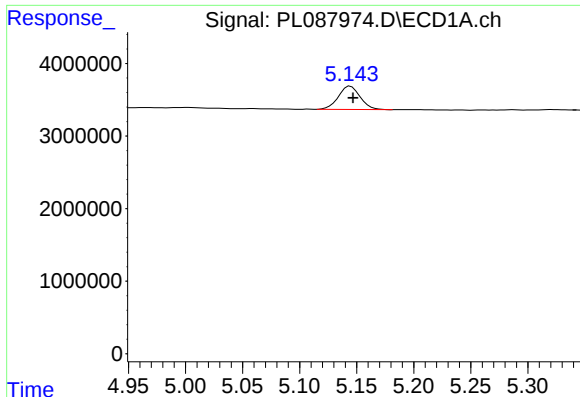
#4 Heptachlor

R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 4895485
Conc: 1.11 ng/ml



#4 Heptachlor

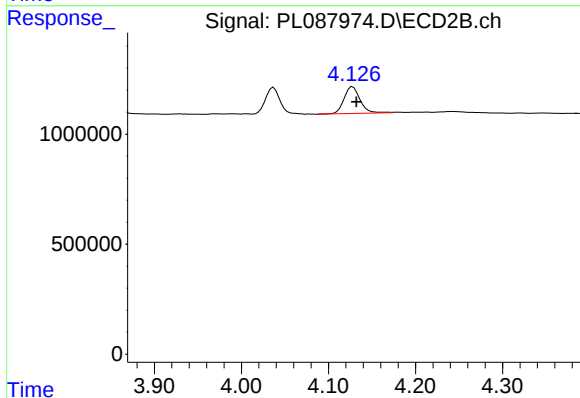
R.T.: 3.848 min
Delta R.T.: -0.004 min
Response: 1539039
Conc: 0.86 ng/ml



#5 Aldrin

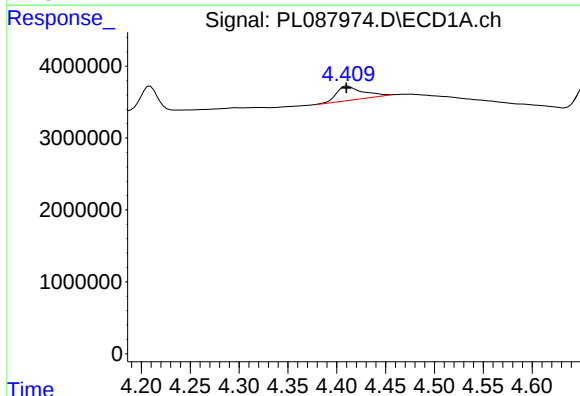
R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 4293533
Conc: 1.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



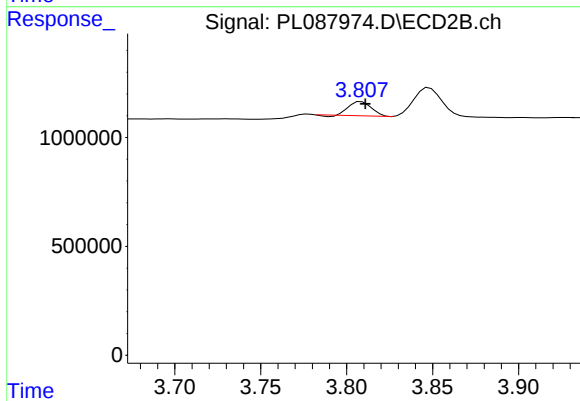
#5 Aldrin

R.T.: 4.128 min
Delta R.T.: -0.004 min
Response: 1564452
Conc: 0.89 ng/ml



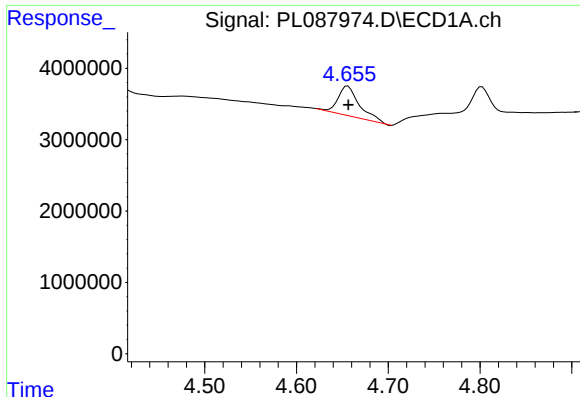
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 3631712
Conc: 1.95 ng/ml



#6 beta-BHC

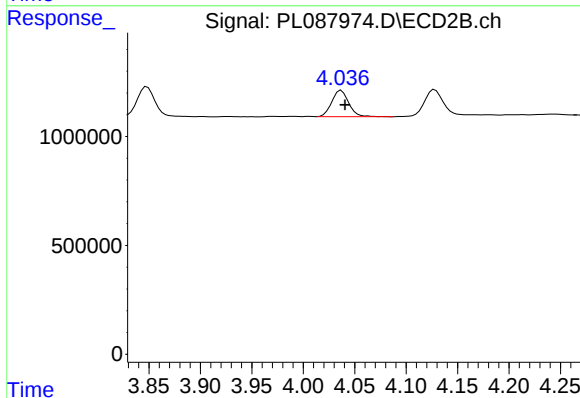
R.T.: 3.809 min
Delta R.T.: -0.002 min
Response: 572488
Conc: 0.75 ng/ml



#7 delta-BHC

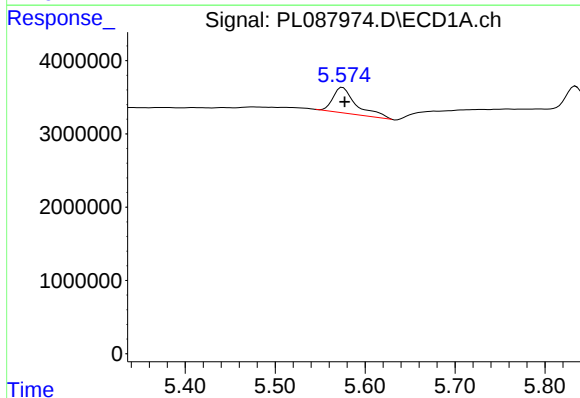
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 6831502
Conc: 1.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



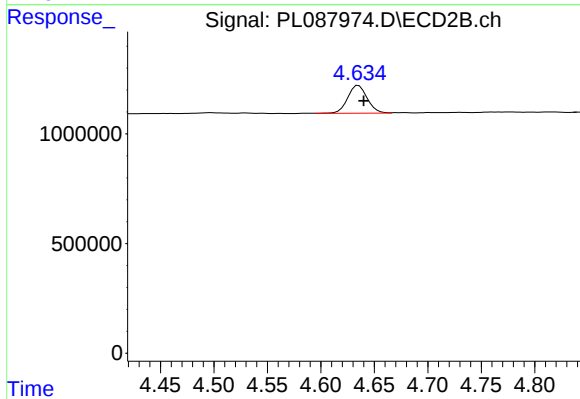
#7 delta-BHC

R.T.: 4.037 min
Delta R.T.: -0.004 min
Response: 1394662
Conc: 0.80 ng/ml



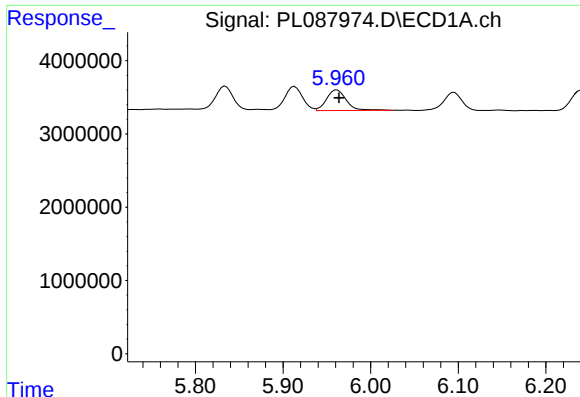
#8 Heptachlor epoxide

R.T.: 5.575 min
Delta R.T.: -0.002 min
Response: 6142979
Conc: 1.60 ng/ml



#8 Heptachlor epoxide

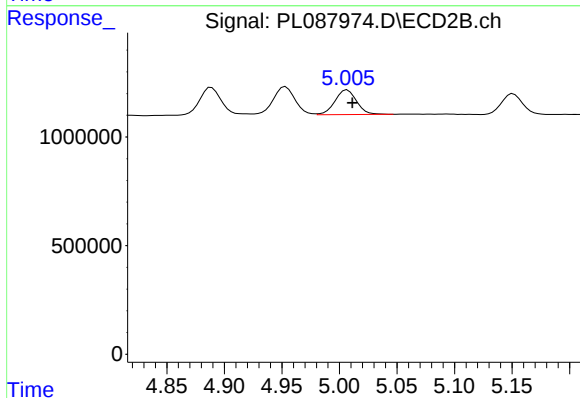
R.T.: 4.635 min
Delta R.T.: -0.005 min
Response: 1621623
Conc: 1.02 ng/ml



#9 Endosulfan I

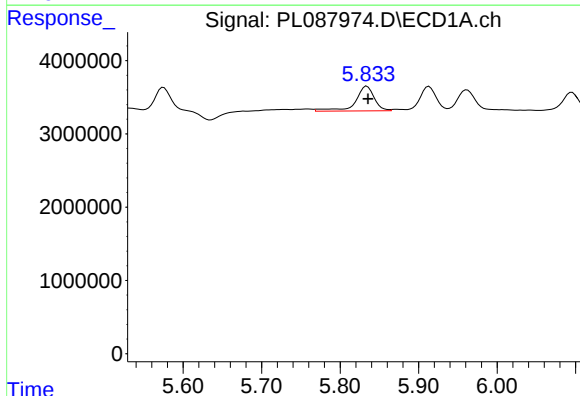
R.T.: 5.962 min
Delta R.T.: -0.002 min
Response: 4361524
Conc: 1.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



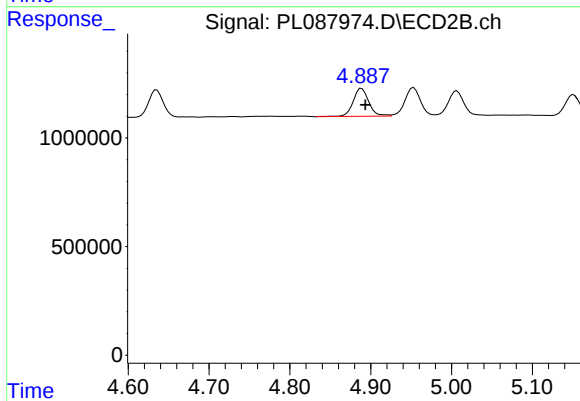
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.005 min
Response: 1484755
Conc: 0.96 ng/ml



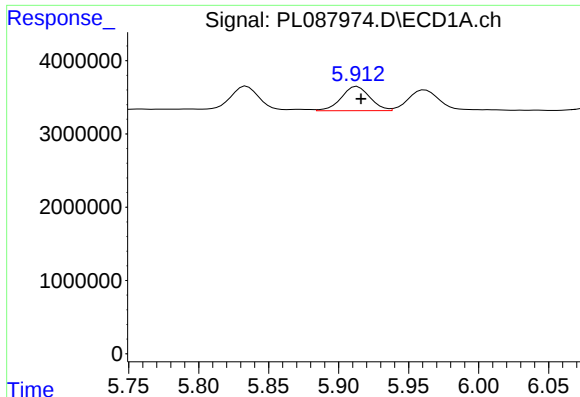
#10 gamma-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.001 min
Response: 5617691
Conc: 1.45 ng/ml



#10 gamma-Chlordane

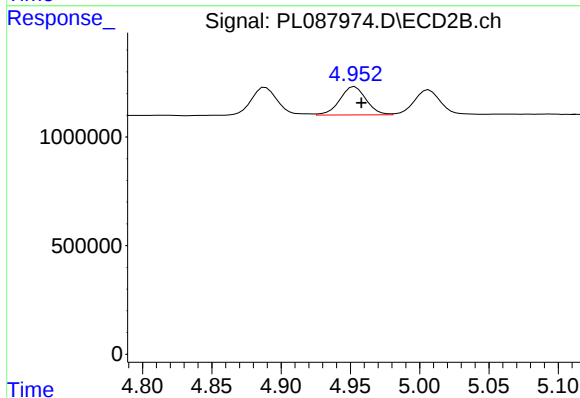
R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 1744670
Conc: 1.08 ng/ml



#11 alpha-Chlordane

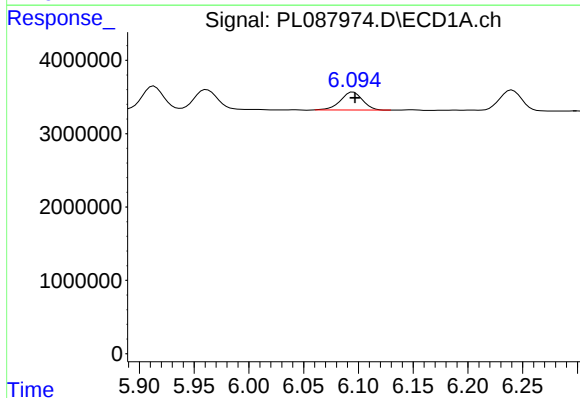
R.T.: 5.913 min
Delta R.T.: -0.003 min
Response: 4708457
Conc: 1.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



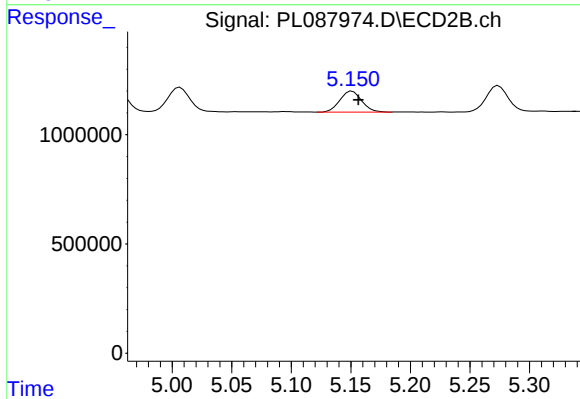
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 1726038
Conc: 1.04 ng/ml



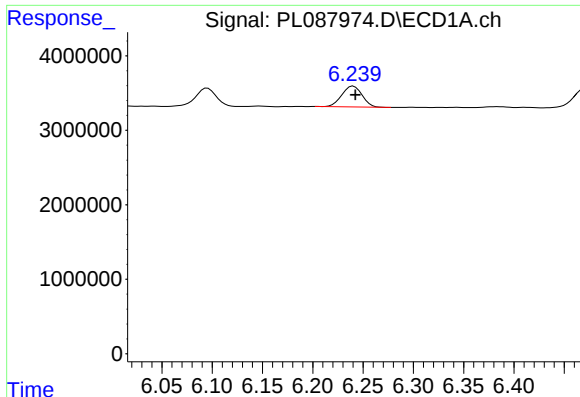
#12 4,4'-DDE

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 3443613
Conc: 1.08 ng/ml



#12 4,4'-DDE

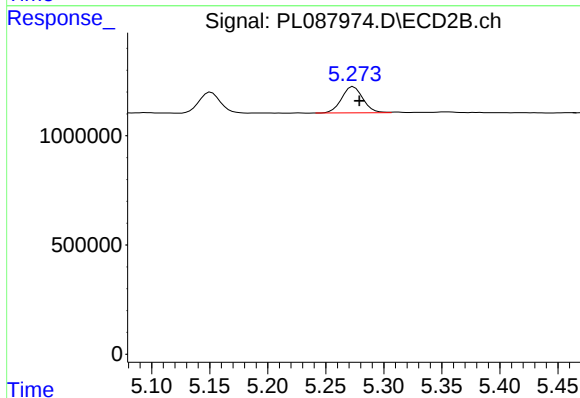
R.T.: 5.151 min
Delta R.T.: -0.005 min
Response: 1220980
Conc: 0.91 ng/ml



#13 Dieldrin

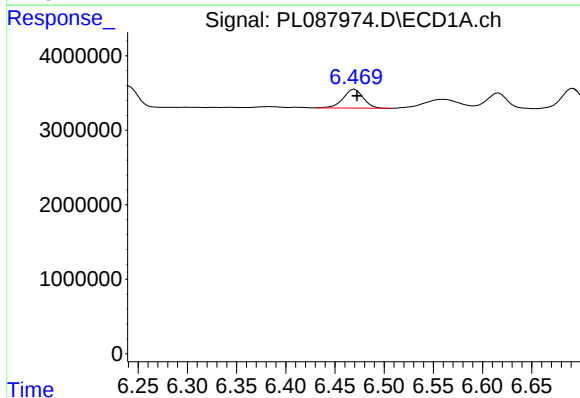
R.T.: 6.240 min
Delta R.T.: -0.002 min
Response: 3924434
Conc: 1.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



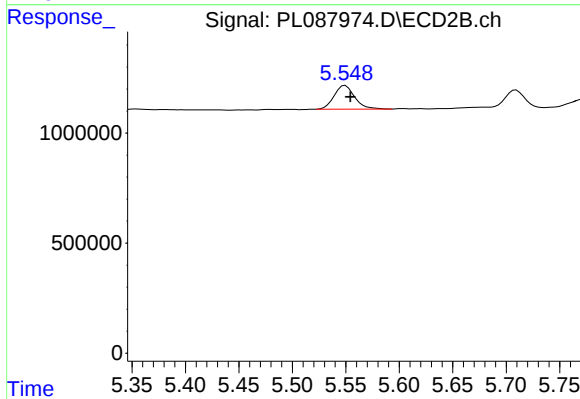
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 1529425
Conc: 0.96 ng/ml



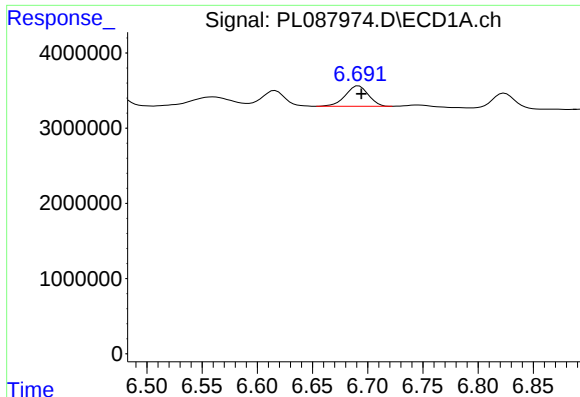
#14 Endrin

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 3569808
Conc: 1.14 ng/ml



#14 Endrin

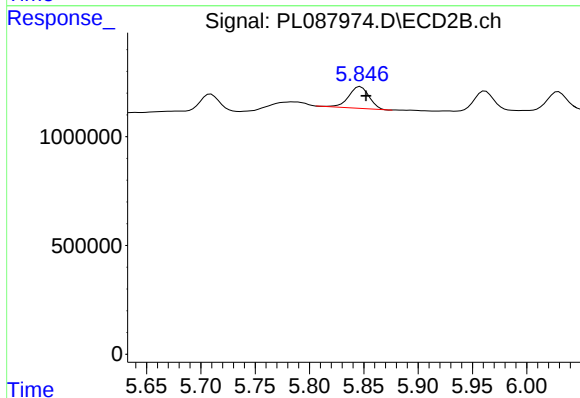
R.T.: 5.550 min
Delta R.T.: -0.005 min
Response: 1437957
Conc: 1.01 ng/ml



#15 Endosulfan II

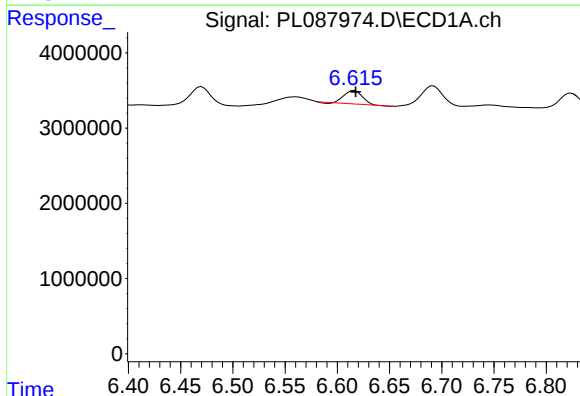
R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 3964753
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



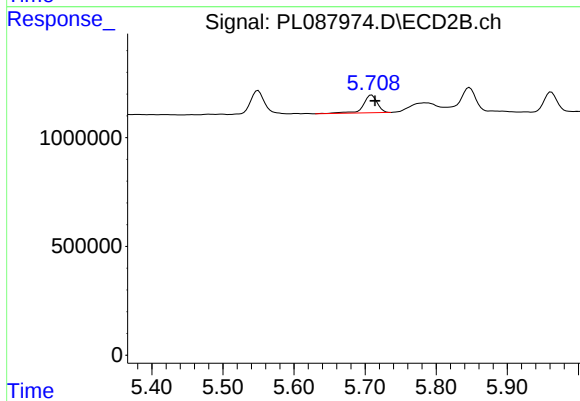
#15 Endosulfan II

R.T.: 5.847 min
Delta R.T.: -0.005 min
Response: 1310701
Conc: 0.96 ng/ml



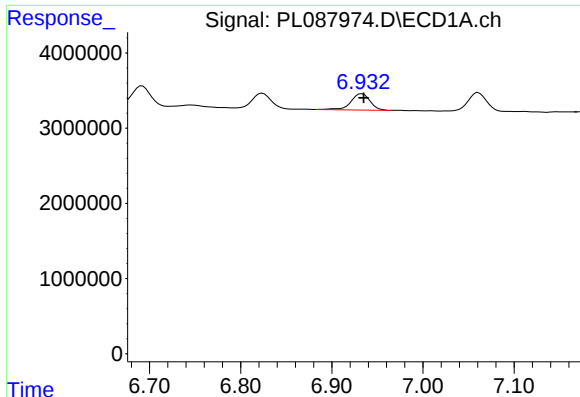
#16 4,4'-DDD

R.T.: 6.616 min
Delta R.T.: -0.001 min
Response: 2188797
Conc: 0.85 ng/ml



#16 4,4'-DDD

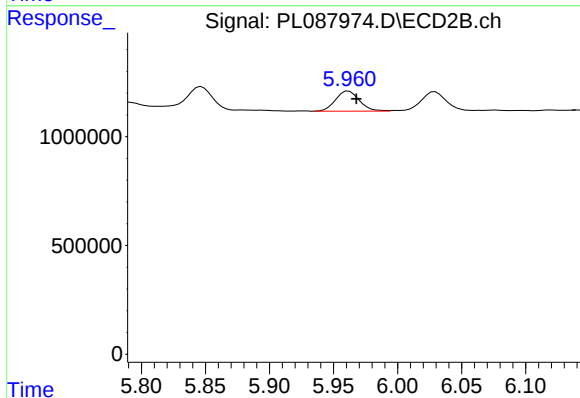
R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 1132785
Conc: 1.00 ng/ml



#17 4,4'-DDT

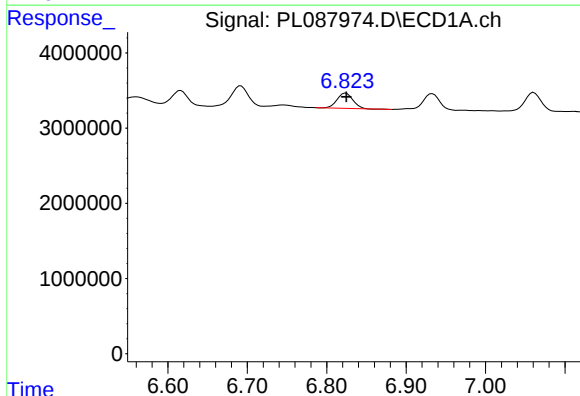
R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 3153382
Conc: 1.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



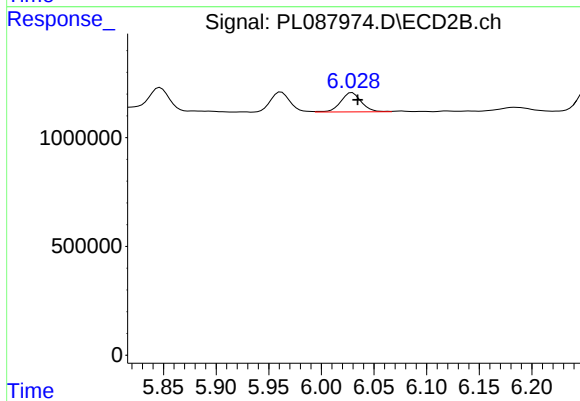
#17 4,4'-DDT

R.T.: 5.962 min
Delta R.T.: -0.006 min
Response: 1184425
Conc: 0.95 ng/ml



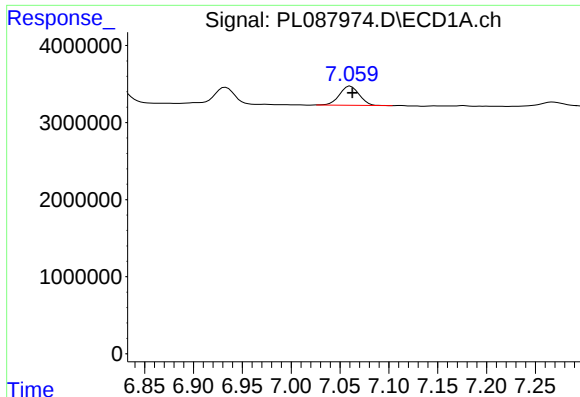
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.001 min
Response: 2790063
Conc: 1.11 ng/ml



#18 Endrin aldehyde

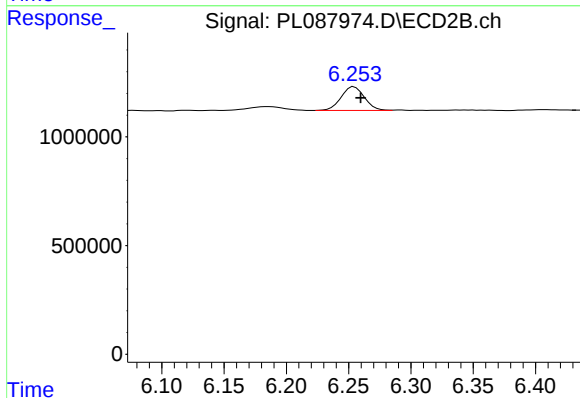
R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 1209632
Conc: 1.04 ng/ml



#19 Endosulfan Sulfate

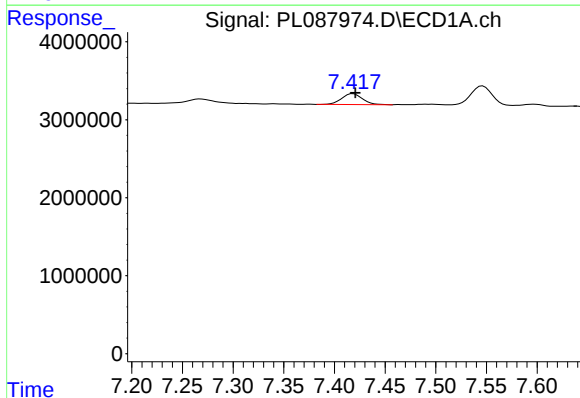
R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 3488681
Conc: 1.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



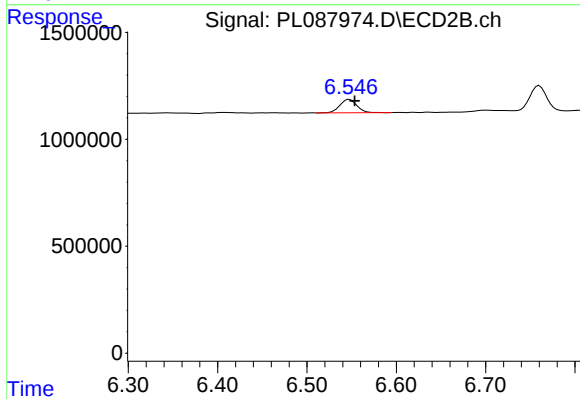
#19 Endosulfan Sulfate

R.T.: 6.254 min
Delta R.T.: -0.005 min
Response: 1419654
Conc: 1.08 ng/ml



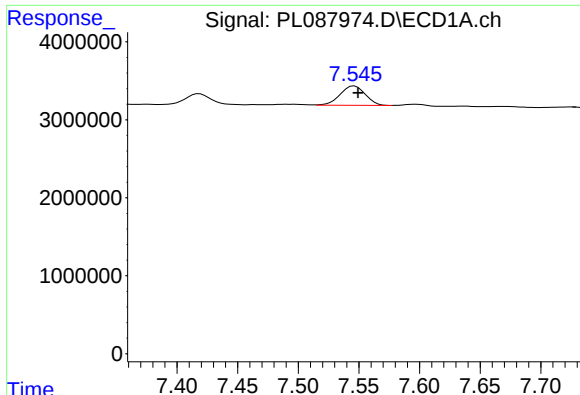
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.002 min
Response: 1990741
Conc: 1.23 ng/ml



#20 Methoxychlor

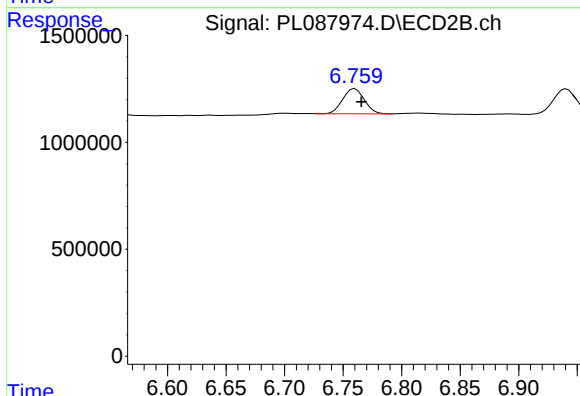
R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 831434
Conc: 1.13 ng/ml



#21 Endrin ketone

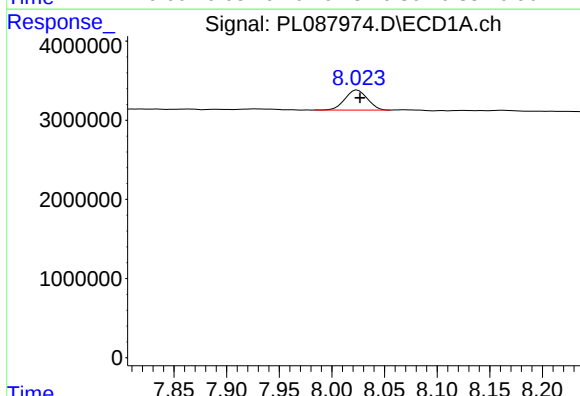
R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 3575254
Conc: 1.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



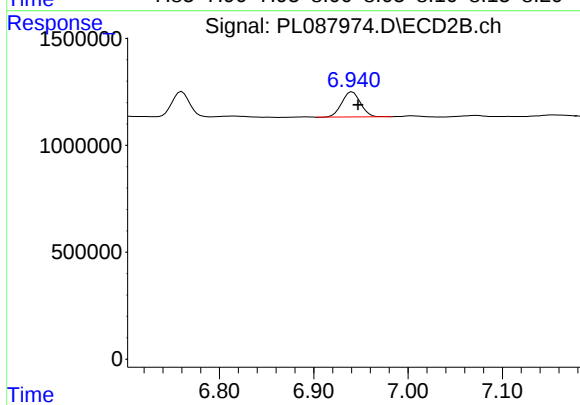
#21 Endrin ketone

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 1508252
Conc: 0.98 ng/ml



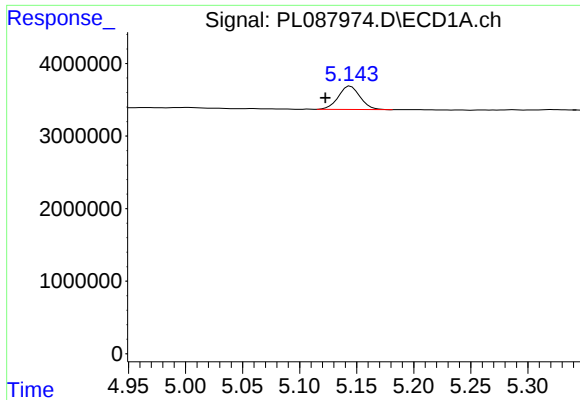
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.002 min
Response: 3751627
Conc: 1.34 ng/ml



#22 Mirex

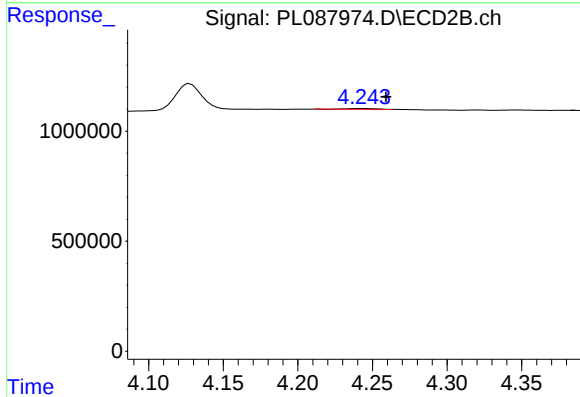
R.T.: 6.941 min
Delta R.T.: -0.006 min
Response: 1625645
Conc: 1.21 ng/ml



#24 Chlordane-2

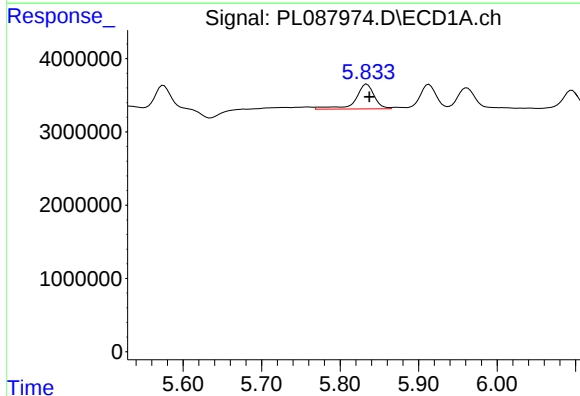
R.T.: 5.145 min
Delta R.T.: 0.022 min
Response: 4293533
Conc: 29.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



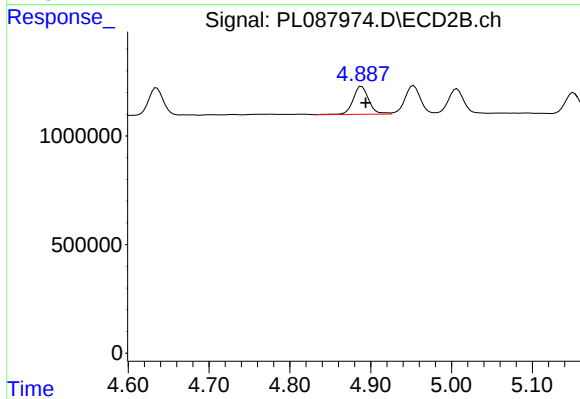
#24 Chlordane-2

R.T.: 4.243 min
Delta R.T.: -0.016 min
Response: 57658
Conc: 1.03 ng/ml



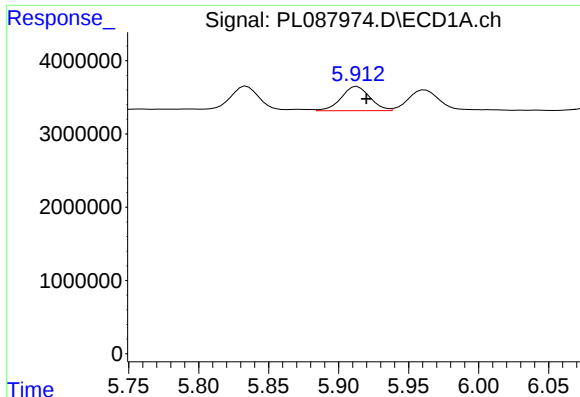
#25 Chlordane-3

R.T.: 5.834 min
Delta R.T.: -0.003 min
Response: 5617691
Conc: 10.10 ng/ml



#25 Chlordane-3

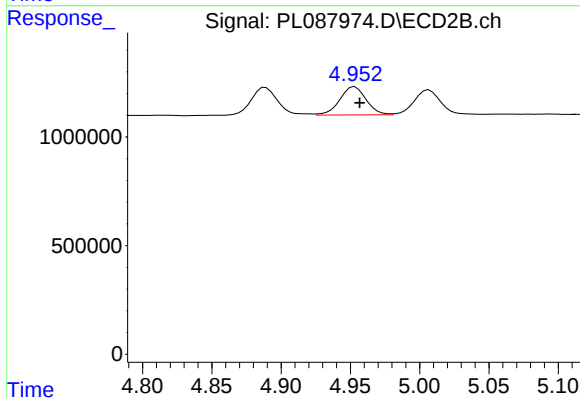
R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 1744670
Conc: 11.02 ng/ml



#26 Chlordane-4

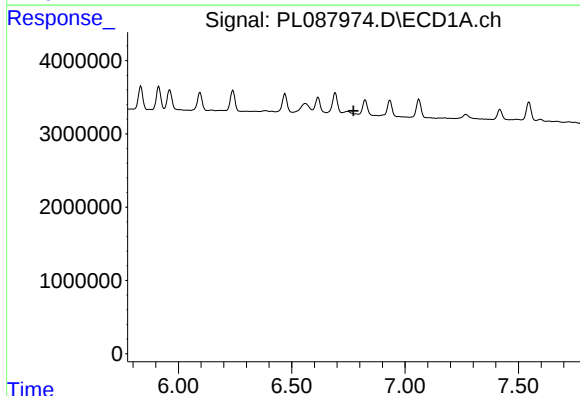
R.T.: 5.913 min
Delta R.T.: -0.007 min
Response: 4708457
Conc: 6.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



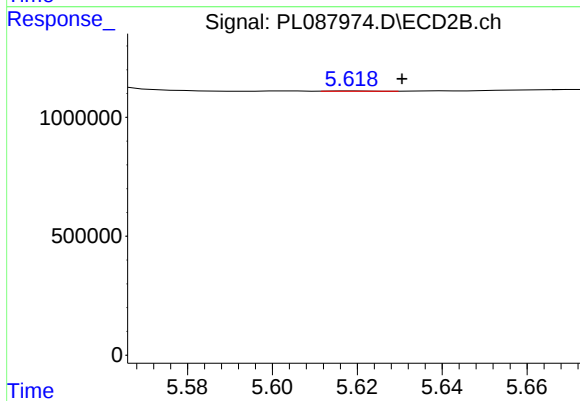
#26 Chlordane-4

R.T.: 4.953 min
Delta R.T.: -0.003 min
Response: 1726038
Conc: 10.10 ng/ml



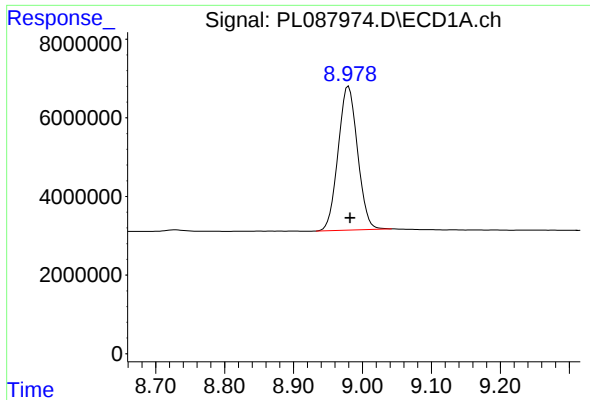
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.773 min
Response: 0
Conc: N.D.



#27 Chlordane-5

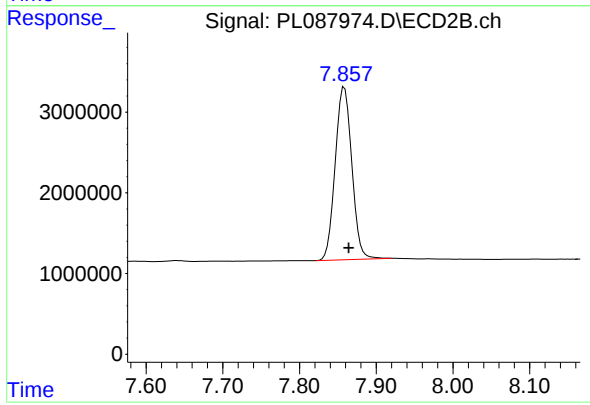
R.T.: 5.619 min
Delta R.T.: -0.012 min
Response: 9385
Conc: 0.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.002 min
Response: 71736646
Conc: 25.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2024



#28 Decachlorobiphenyl

R.T.: 7.858 min
Delta R.T.: -0.006 min
Response: 32339210
Conc: 25.53 ng/ml