

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 15:45
 Operator : AR\AJ
 Sample : P2403-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 00:55:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.551	2.797	43665019	28268624	21.684	22.032
28)	SA Decachlor...	9.067	7.949	29039789	28629703	20.757	21.283
Target Compounds							
2)	A alpha-BHC	4.006	3.301	9005155	4643963	3.158	2.461
3)	MA gamma-BHC...	4.338	3.632	9169796	4616649	3.294	2.502
4)	MA Heptachlor	4.929	3.974	9597397	4312392	3.870	2.461 #
5)	MB Aldrin	5.271	4.255	9756449	4371836	3.799	2.473 #
6)	B beta-BHC	4.534	3.930	3669432	2336924	2.909	2.862
7)	B delta-BHC	4.781	4.160	8770523	4170216	3.307	2.318 #
8)	B Heptachlo...	5.696	4.759	8756747	4465255	3.733	2.762 #
9)	A Endosulfan I	6.082	5.129	7504623	4167325	3.491	2.783
10)	B gamma-Chl...	5.952	5.009	9609709	4676513	4.204	2.850 #
11)	B alpha-Chl...	6.031	5.073	8178215	4673390	3.595	2.834
12)	B 4,4'-DDE	6.203	5.262	6817060	3741272	3.369	2.573
13)	MA Dieldrin	6.356	5.394	7547671	4273931	3.372	2.657
14)	MA Endrin	6.586	5.669	5922158	3737982	3.126	2.600
15)	B Endosulfa...	6.804	5.963	6766484	4417348	3.390	3.071
16)	A 4,4'-DDD	6.719	5.817	6029116	3810438	3.574	3.090
17)	MA 4,4'-DDT	7.033	6.068	6135819	2854013	3.337	2.109 #
18)	B Endrin al...	6.934	6.143	5162352	3294637	3.414	2.962
19)	B Endosulfa...	7.168	6.365	6062052	4142257	3.351	2.986
20)	A Methoxychlor	7.508	6.643	3010819	1849786	3.062	2.313
21)	B Endrin ke...	7.653	6.871	6788099	4362847	3.391	2.728
22)	Mirex	8.128	7.055	4935265	4282804	3.176	3.139
23)	Chlordane-1	0.000	3.809	0	28335	N.D.	0.576 #
24)	Chlordane-2	5.218f	4.373	299974	102200	2.854	1.607 #
25)	Chlordane-3	5.952	5.009	9609709	4676513	29.098	27.313
26)	Chlordane-4	6.031	5.073	8178215	4673390	20.063	29.055 #
27)	Chlordane-5	6.875	5.765f	92833	213112	1.116	4.164 #

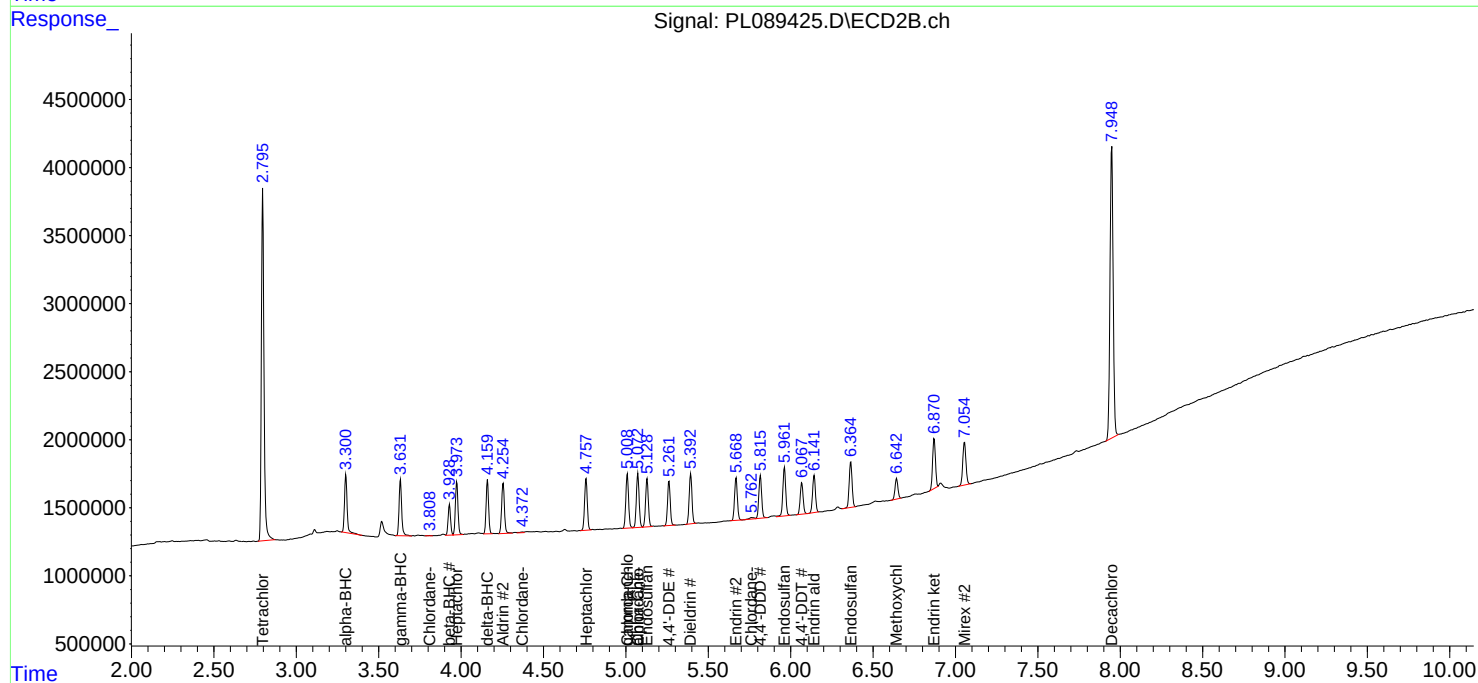
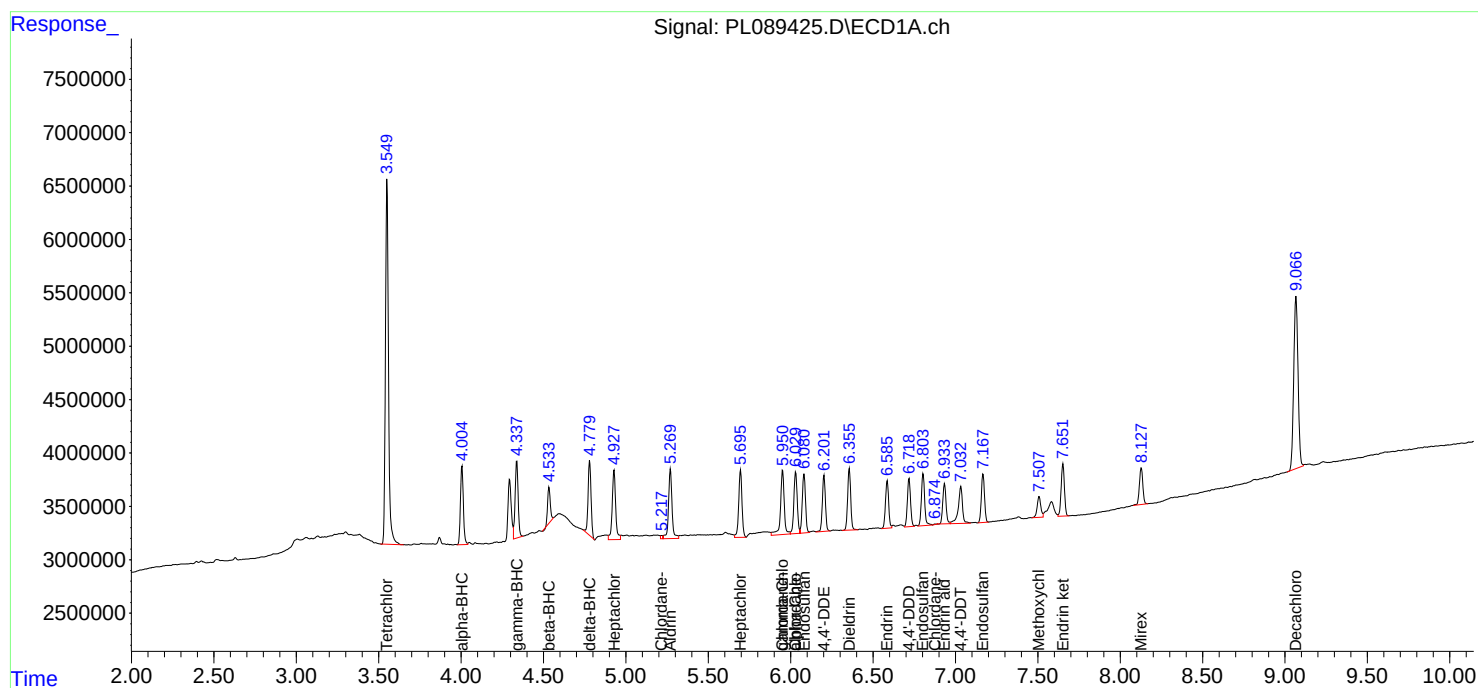
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

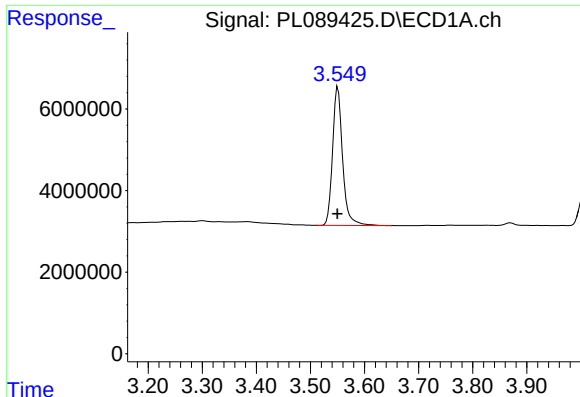
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
Data File : PL089425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2024 15:45
Operator : AR\AJ
Sample : P2403-07
Misc : PEST LOD 2.5PPB
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 00:55:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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

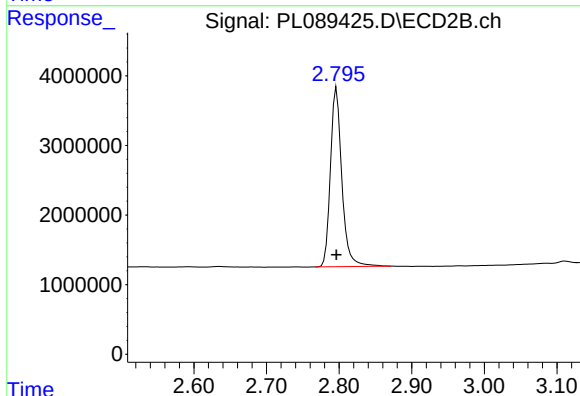




#1 Tetrachloro-m-xylene

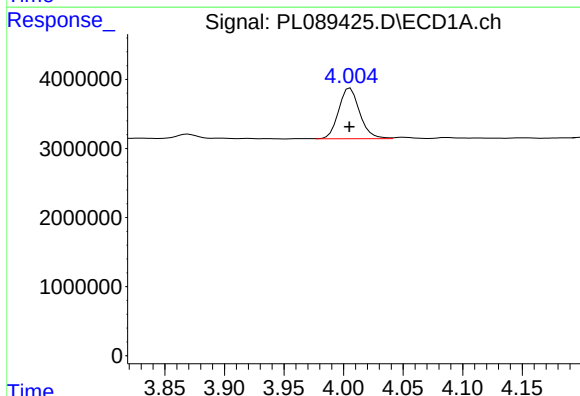
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 43665019
Conc: 21.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



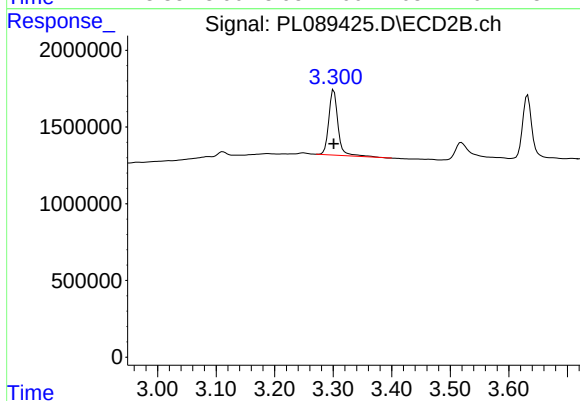
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 28268624
Conc: 22.03 ng/ml



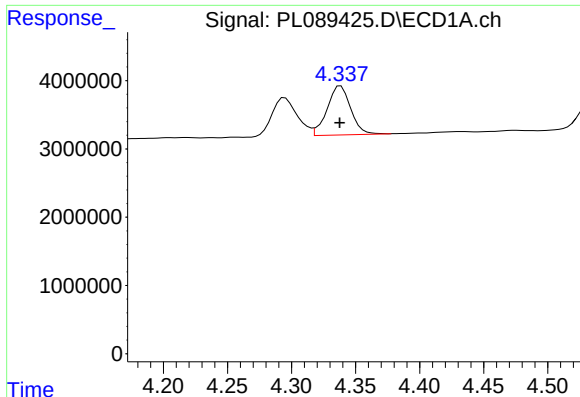
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 9005155
Conc: 3.16 ng/ml



#2 alpha-BHC

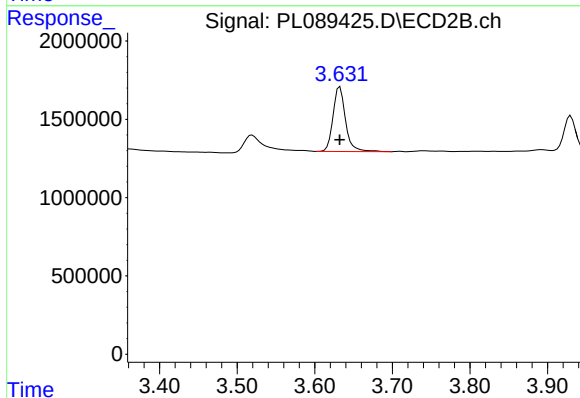
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 4643963
Conc: 2.46 ng/ml



#3 gamma-BHC (Lindane)

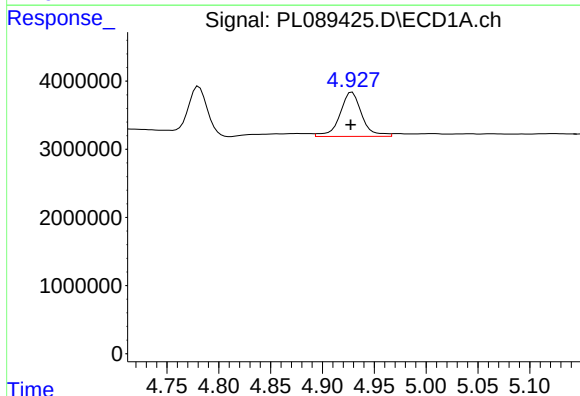
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 9169796
Conc: 3.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



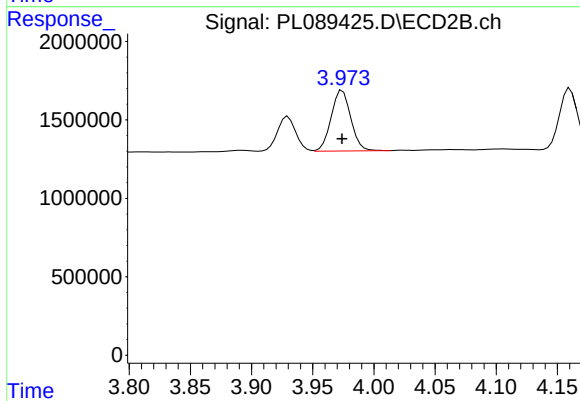
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 4616649
Conc: 2.50 ng/ml



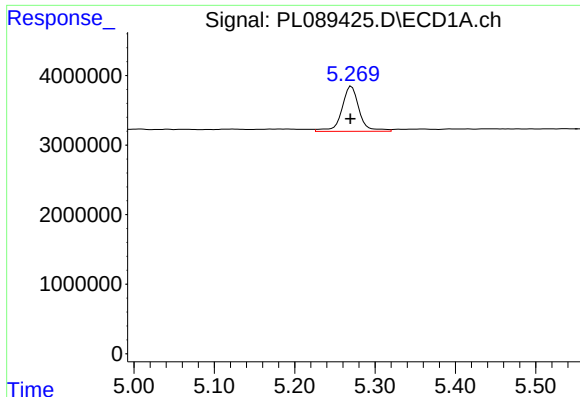
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.001 min
Response: 9597397
Conc: 3.87 ng/ml



#4 Heptachlor

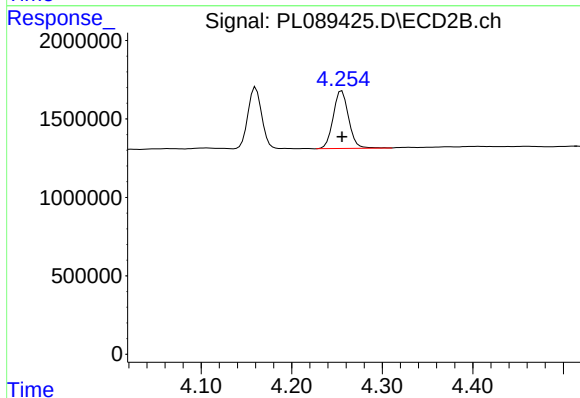
R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 4312392
Conc: 2.46 ng/ml



#5 Aldrin

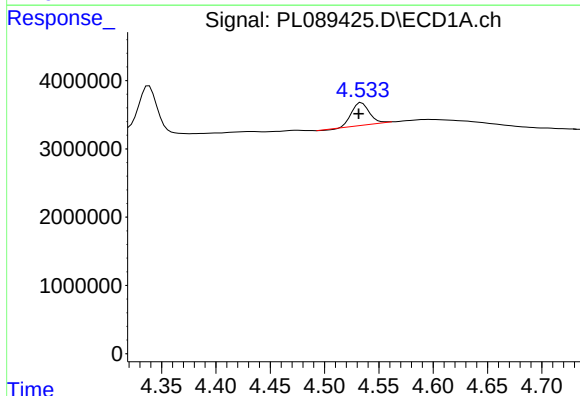
R.T.: 5.271 min
Delta R.T.: 0.001 min
Response: 9756449
Conc: 3.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



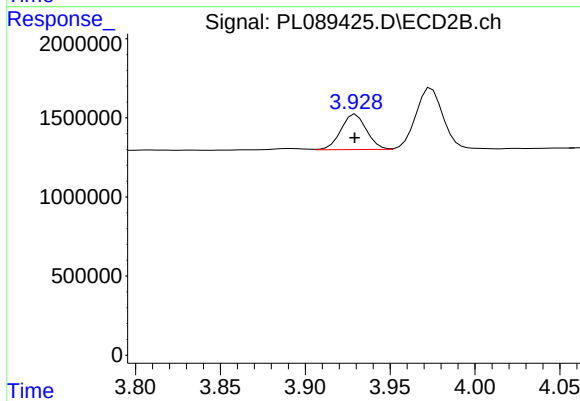
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 4371836
Conc: 2.47 ng/ml



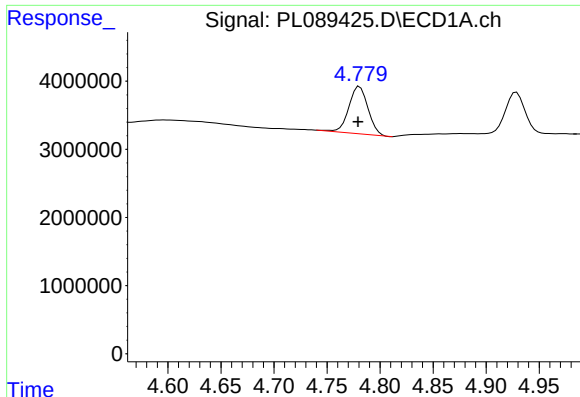
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.003 min
Response: 3669432
Conc: 2.91 ng/ml



#6 beta-BHC

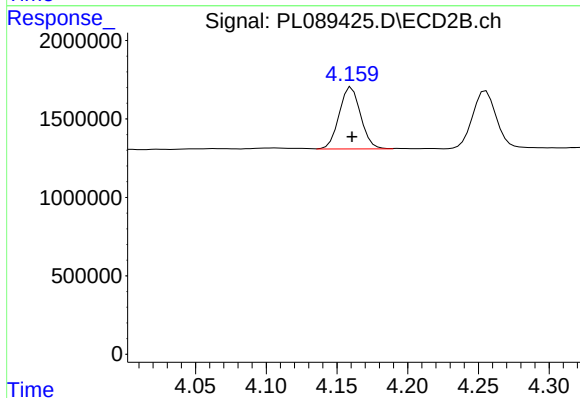
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 2336924
Conc: 2.86 ng/ml



#7 delta-BHC

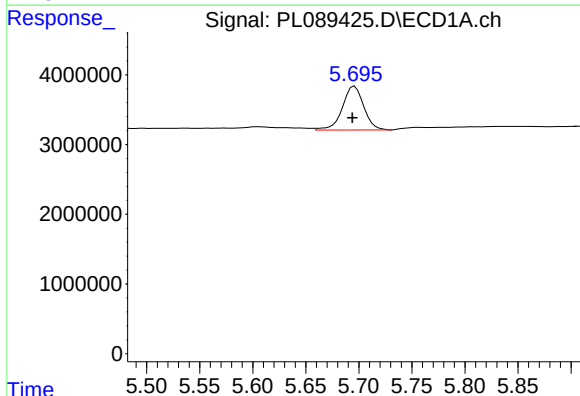
R.T.: 4.781 min
Delta R.T.: 0.001 min
Response: 8770523
Conc: 3.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



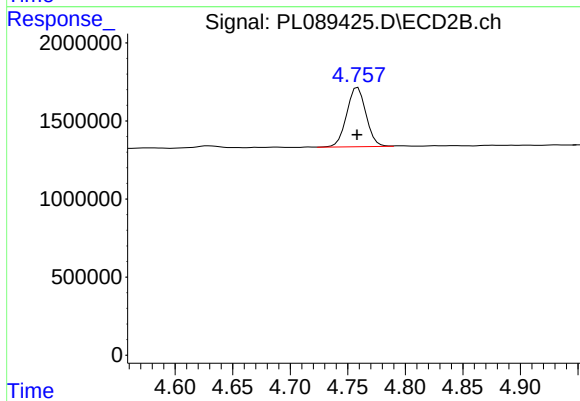
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 4170216
Conc: 2.32 ng/ml



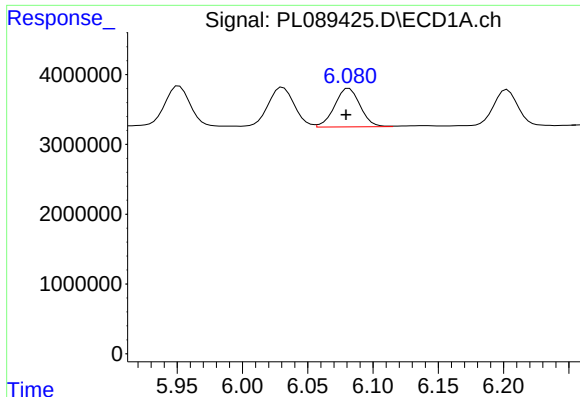
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.002 min
Response: 8756747
Conc: 3.73 ng/ml



#8 Heptachlor epoxide

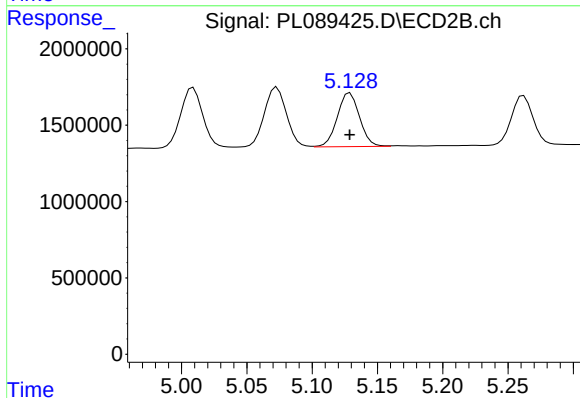
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 4465255
Conc: 2.76 ng/ml



#9 Endosulfan I

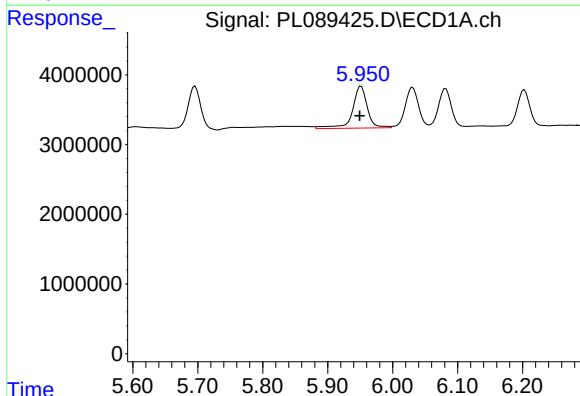
R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 7504623
Conc: 3.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



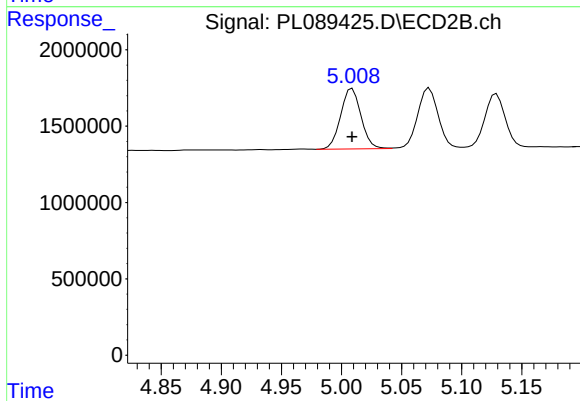
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 4167325
Conc: 2.78 ng/ml



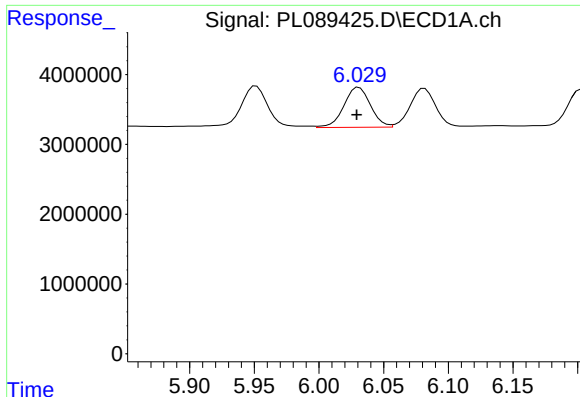
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.002 min
Response: 9609709
Conc: 4.20 ng/ml



#10 gamma-Chlordane

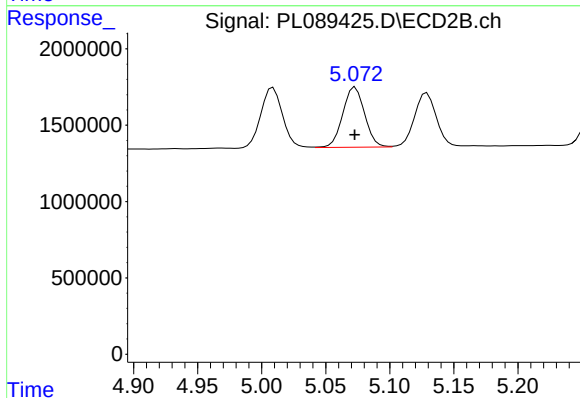
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 4676513
Conc: 2.85 ng/ml



#11 alpha-Chlordane

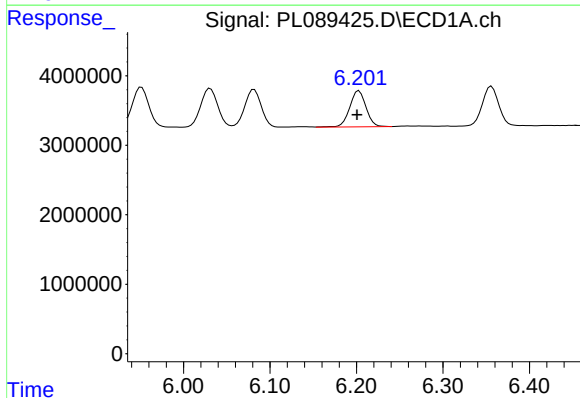
R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 8178215
Conc: 3.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



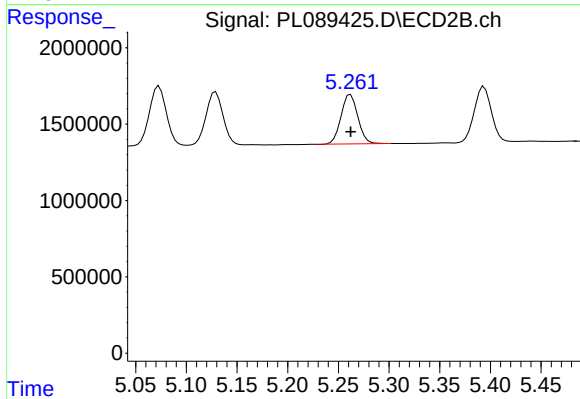
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 4673390
Conc: 2.83 ng/ml



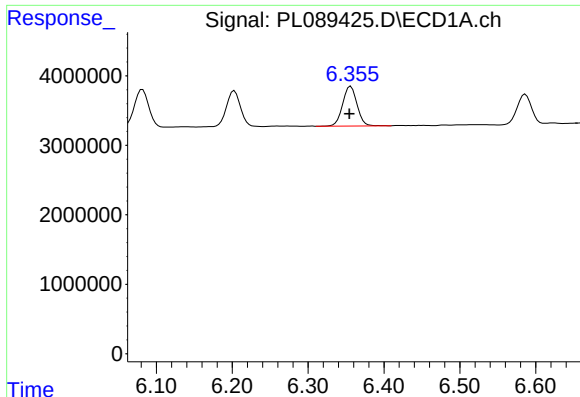
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 6817060
Conc: 3.37 ng/ml



#12 4,4'-DDE

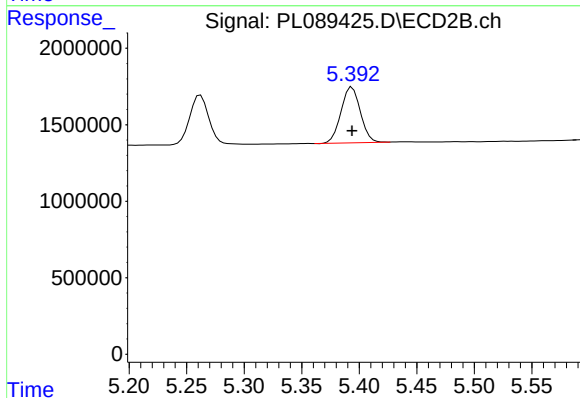
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 3741272
Conc: 2.57 ng/ml



#13 Dieldrin

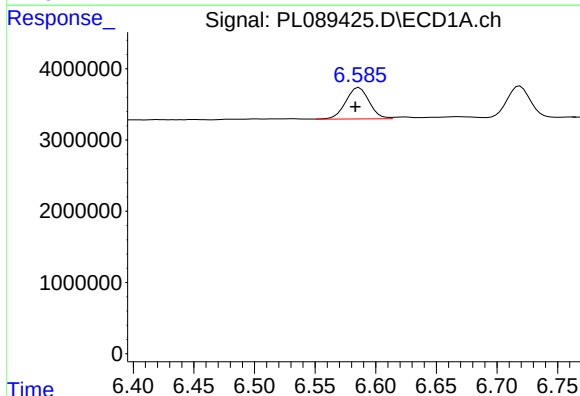
R.T.: 6.356 min
Delta R.T.: 0.002 min
Response: 7547671
Conc: 3.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



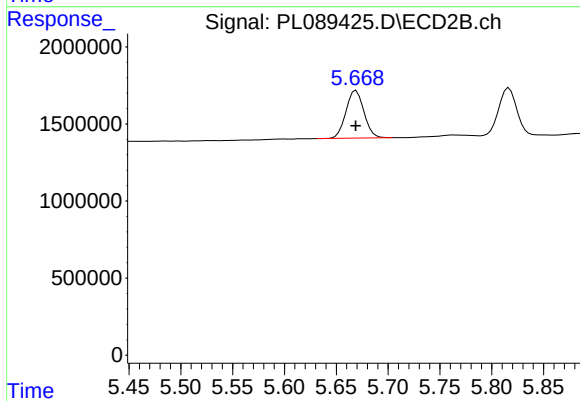
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 4273931
Conc: 2.66 ng/ml



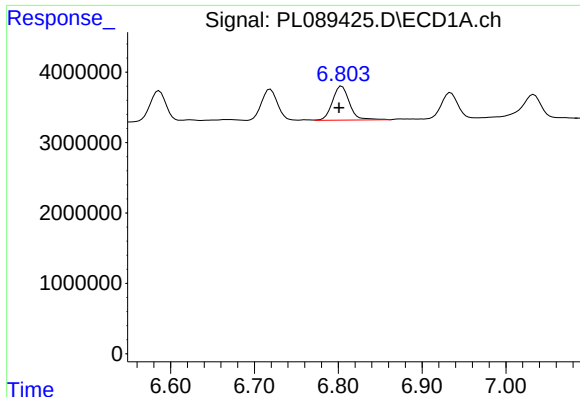
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 5922158
Conc: 3.13 ng/ml



#14 Endrin

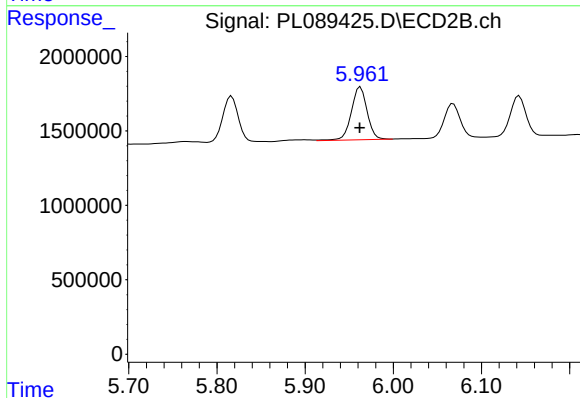
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 3737982
Conc: 2.60 ng/ml



#15 Endosulfan II

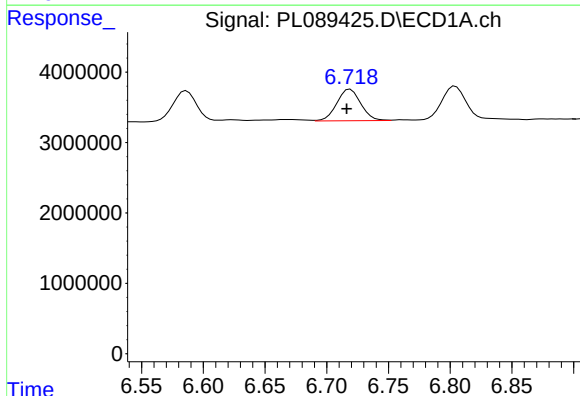
R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 6766484
Conc: 3.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



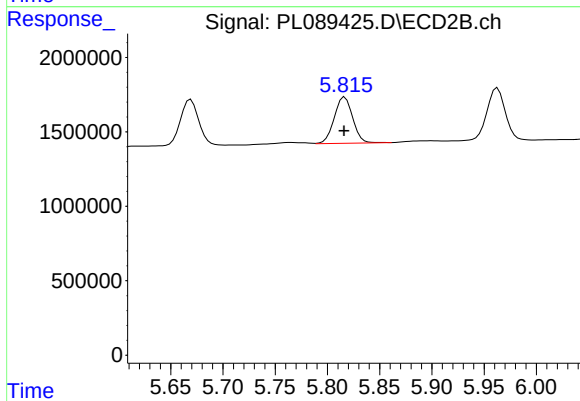
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 4417348
Conc: 3.07 ng/ml



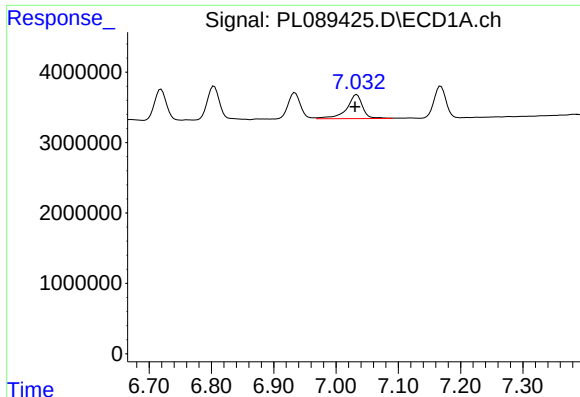
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.003 min
Response: 6029116
Conc: 3.57 ng/ml



#16 4,4'-DDD

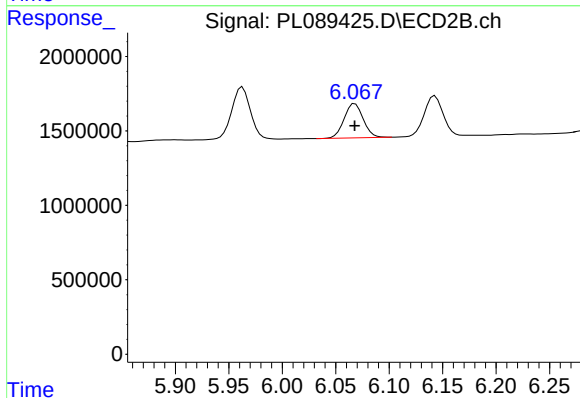
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 3810438
Conc: 3.09 ng/ml



#17 4,4'-DDT

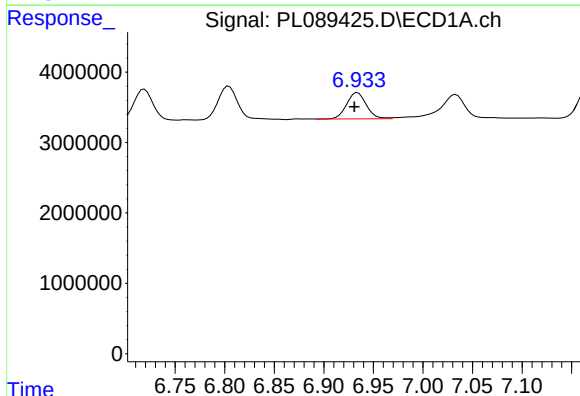
R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 6135819
Conc: 3.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



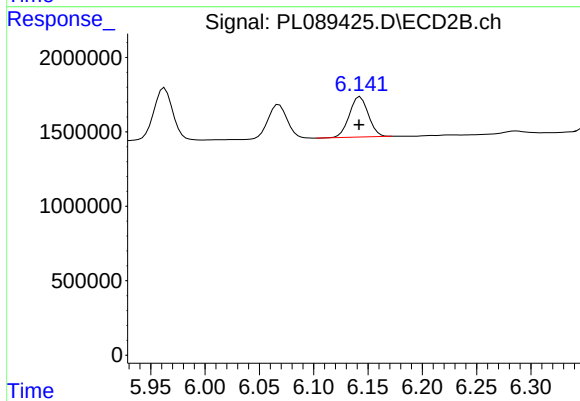
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 2854013
Conc: 2.11 ng/ml



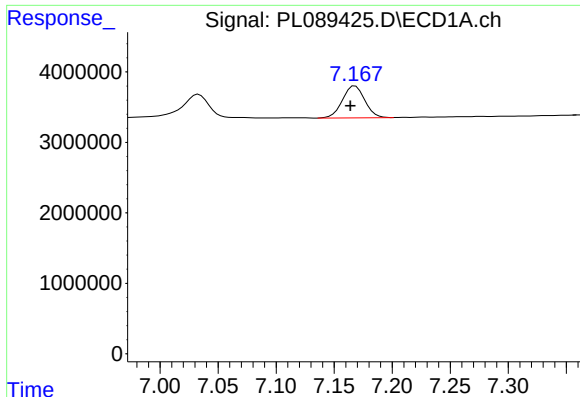
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 5162352
Conc: 3.41 ng/ml



#18 Endrin aldehyde

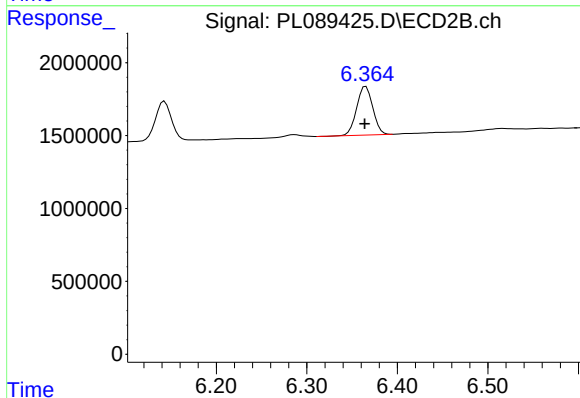
R.T.: 6.143 min
Delta R.T.: 0.001 min
Response: 3294637
Conc: 2.96 ng/ml



#19 Endosulfan Sulfate

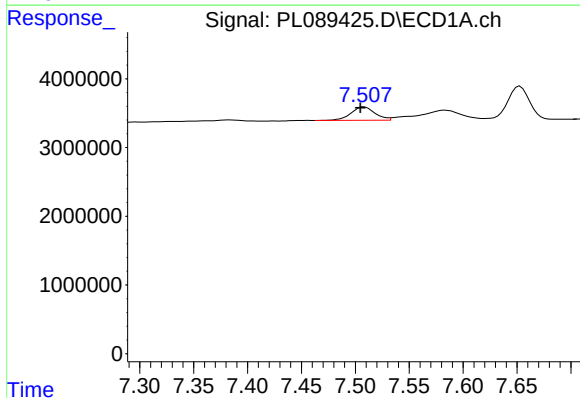
R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 6062052
Conc: 3.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



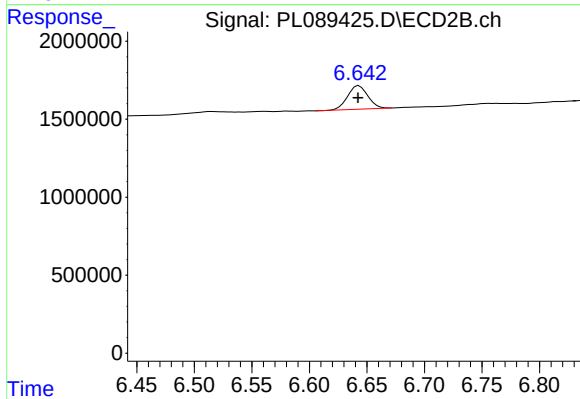
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.001 min
Response: 4142257
Conc: 2.99 ng/ml



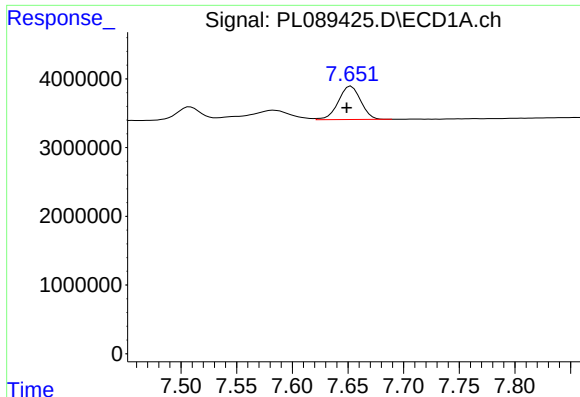
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 3010819
Conc: 3.06 ng/ml



#20 Methoxychlor

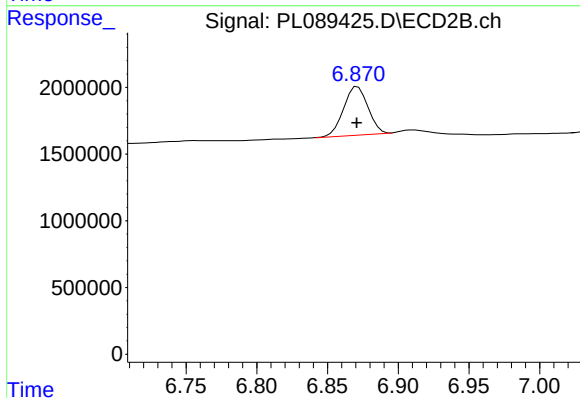
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 1849786
Conc: 2.31 ng/ml



#21 Endrin ketone

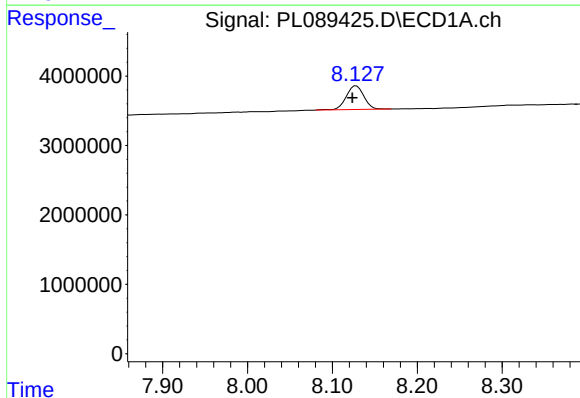
R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 6788099
Conc: 3.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



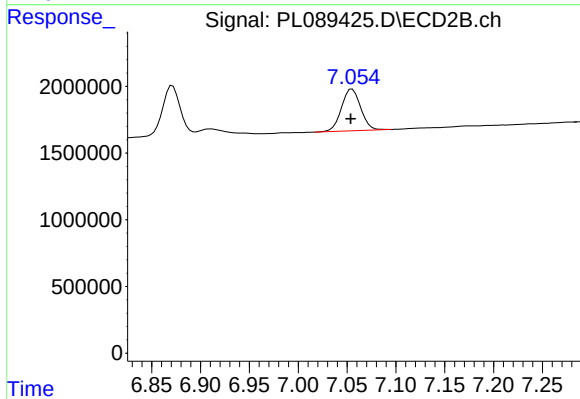
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 4362847
Conc: 2.73 ng/ml



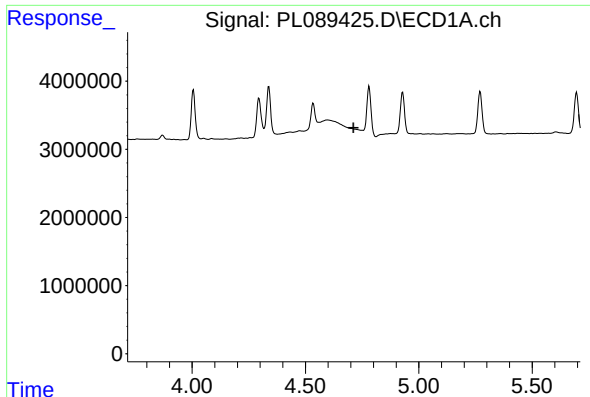
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.005 min
Response: 4935265
Conc: 3.18 ng/ml



#22 Mirex

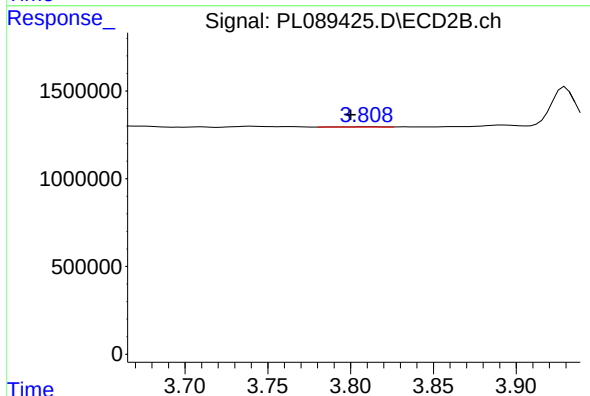
R.T.: 7.055 min
Delta R.T.: 0.002 min
Response: 4282804
Conc: 3.14 ng/ml



#23 Chlordane-1

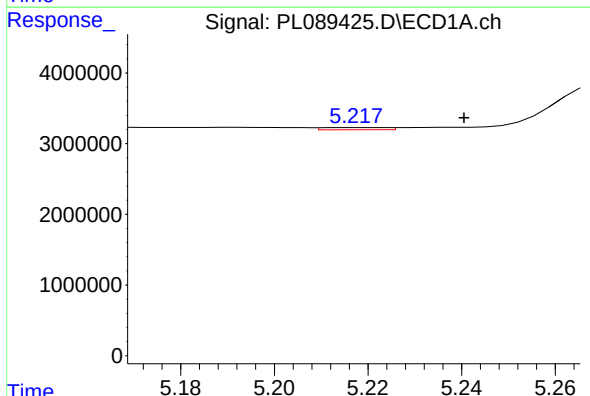
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



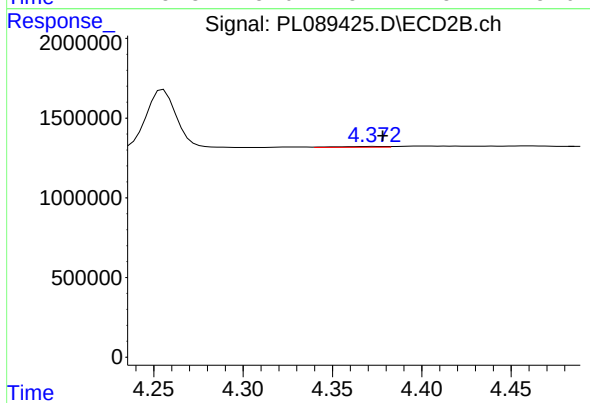
#23 Chlordane-1

R.T.: 3.809 min
Delta R.T.: 0.009 min
Response: 28335
Conc: 0.58 ng/ml



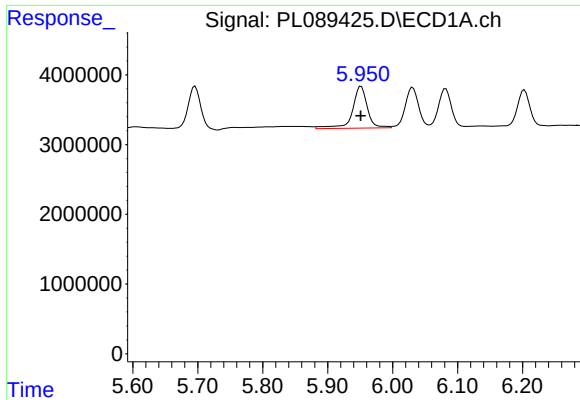
#24 Chlordane-2

R.T.: 5.218 min
Delta R.T.: -0.022 min
Response: 299974
Conc: 2.85 ng/ml



#24 Chlordane-2

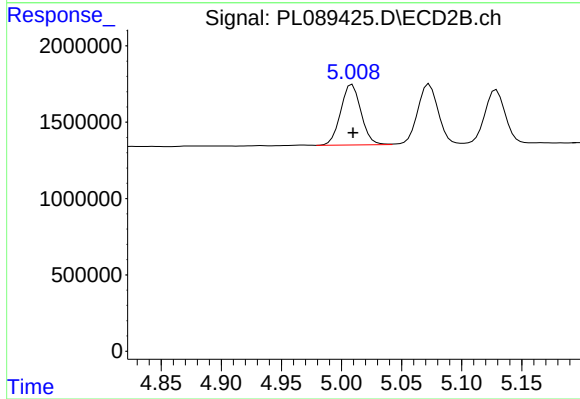
R.T.: 4.373 min
Delta R.T.: -0.005 min
Response: 102200
Conc: 1.61 ng/ml



#25 Chlordane-3

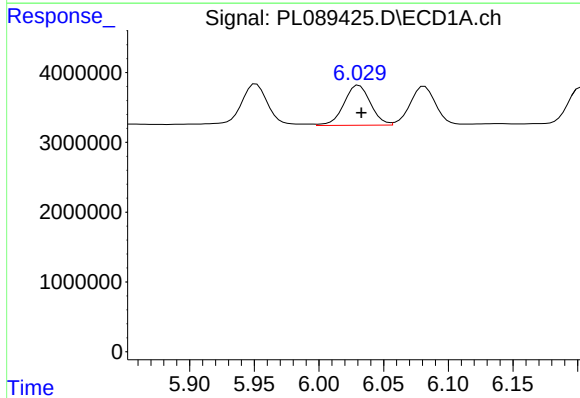
R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 9609709
Conc: 29.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



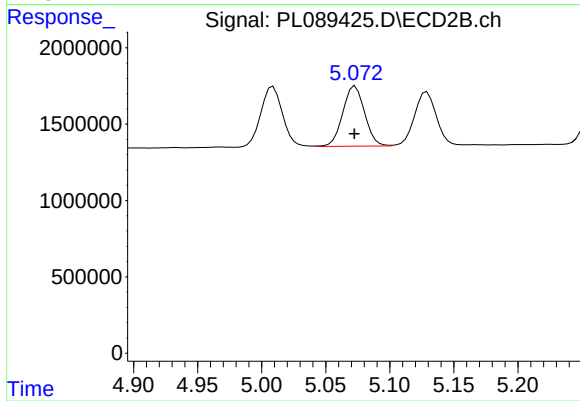
#25 Chlordane-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 4676513
Conc: 27.31 ng/ml



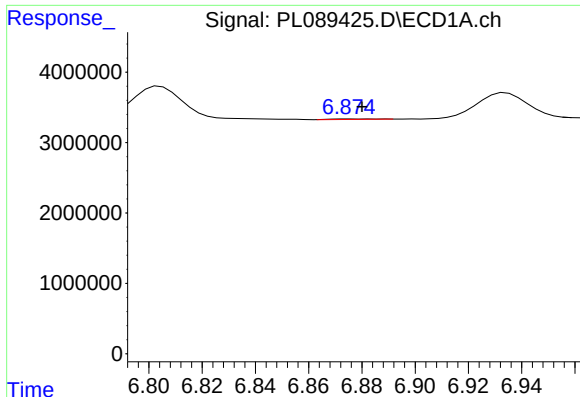
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 8178215
Conc: 20.06 ng/ml



#26 Chlordane-4

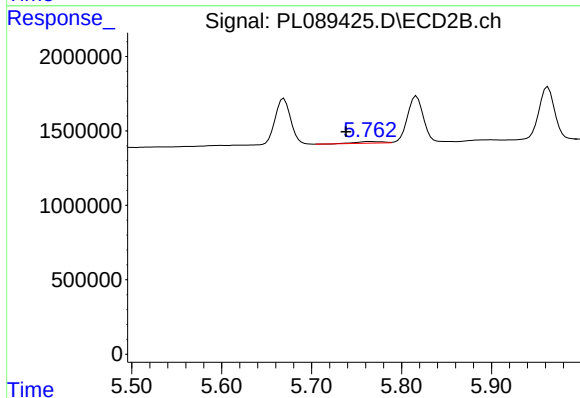
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 4673390
Conc: 29.06 ng/ml



#27 Chlordane-5

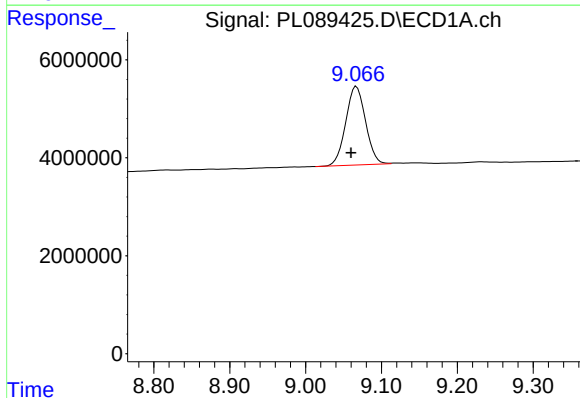
R.T.: 6.875 min
Delta R.T.: -0.005 min
Response: 92833
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



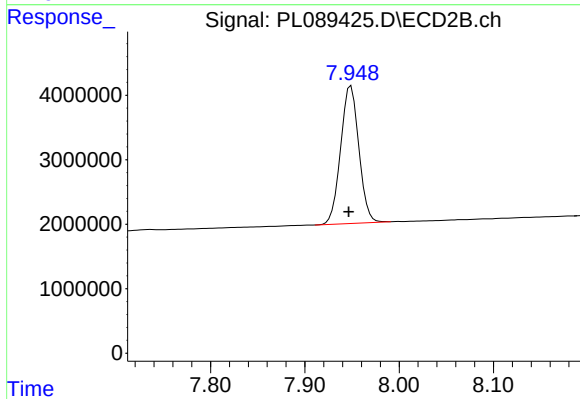
#27 Chlordane-5

R.T.: 5.765 min
Delta R.T.: 0.026 min
Response: 213112
Conc: 4.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.007 min
Response: 29039789
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 28629703
Conc: 21.28 ng/ml