

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089424.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 15:31
 Operator : AR\AJ
 Sample : P2403-07
 Misc : PEST LOD 1PPB
 ALS Vial : 9 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 00:54:11 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	45422701	29312323	22.557	22.846
28)	SA Decachlor...	9.067	7.948	30068226	29639722	21.492	22.034
Target Compounds							
2)	A alpha-BHC	4.006	3.301	4003134	2000405	1.404	1.060
3)	MA gamma-BHC...	4.338	3.632	4520399	1872891	1.624	1.015 #
4)	MA Heptachlor	4.929	3.974	8718194	1740963	3.515	0.994 #
5)	MB Aldrin	5.271	4.255	5970107	1735364	2.325	0.982 #
6)	B beta-BHC	4.535	3.930	1478736	952491	1.172	1.167
7)	B delta-BHC	4.781	4.160	4526426	1683716	1.707	0.936 #
8)	B Heptachlo...	5.696	4.758	4901218	1814530	2.090	1.122 #
9)	A Endosulfan I	6.082	5.129	3678669	1689775	1.711	1.128 #
10)	B gamma-Chl...	5.951	5.009	5326158	1988098	2.330	1.212 #
11)	B alpha-Chl...	6.031	5.073	4256097	1971349	1.871	1.195 #
12)	B 4,4'-DDE	6.203	5.262	3067786	1542559	1.516	1.061 #
13)	MA Dieldrin	6.356	5.394	3318026	1746051	1.482	1.085 #
14)	MA Endrin	6.586	5.669	2509769	1511611	1.325	1.051
15)	B Endosulfa...	6.804	5.963	3013883	1945632	1.510	1.353
16)	A 4,4'-DDD	6.720	5.816	2552046	1642185	1.513	1.332
17)	MA 4,4'-DDT	7.033	6.068	3448052	1150253	1.875	0.850 #
18)	B Endrin al...	6.934	6.142	2313120	1372539	1.530	1.234
19)	B Endosulfa...	7.168	6.365	2724296	1783226	1.506	1.286
20)	A Methoxychlor	7.509	6.644	1735152	771935	1.764	0.965 #
21)	B Endrin ke...	7.653	6.871	3099759	1737451	1.549	1.087 #
22)	Mirex	8.129	7.055	2106685	1816931	1.356	1.332
23)	Chlordane-1	0.000	3.830f	0	22990	N.D.	0.467 #
24)	Chlordane-2	0.000	4.385	0	79077	N.D.	1.243 #
25)	Chlordane-3	5.951	5.009	5326158	1988098	16.127	11.611 #
26)	Chlordane-4	6.031	5.073	4256097	1971349	10.441	12.256
27)	Chlordane-5	6.882	5.764f	55713	208996	0.669	4.084 #

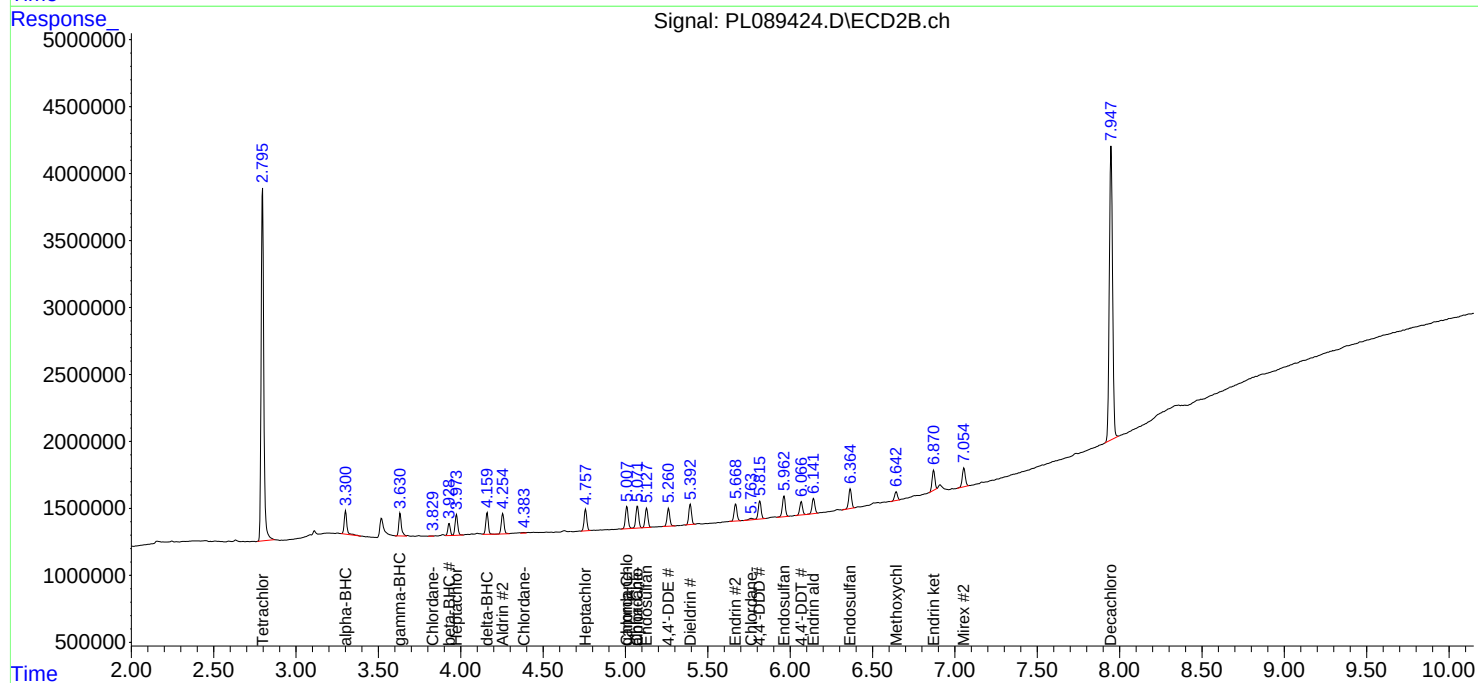
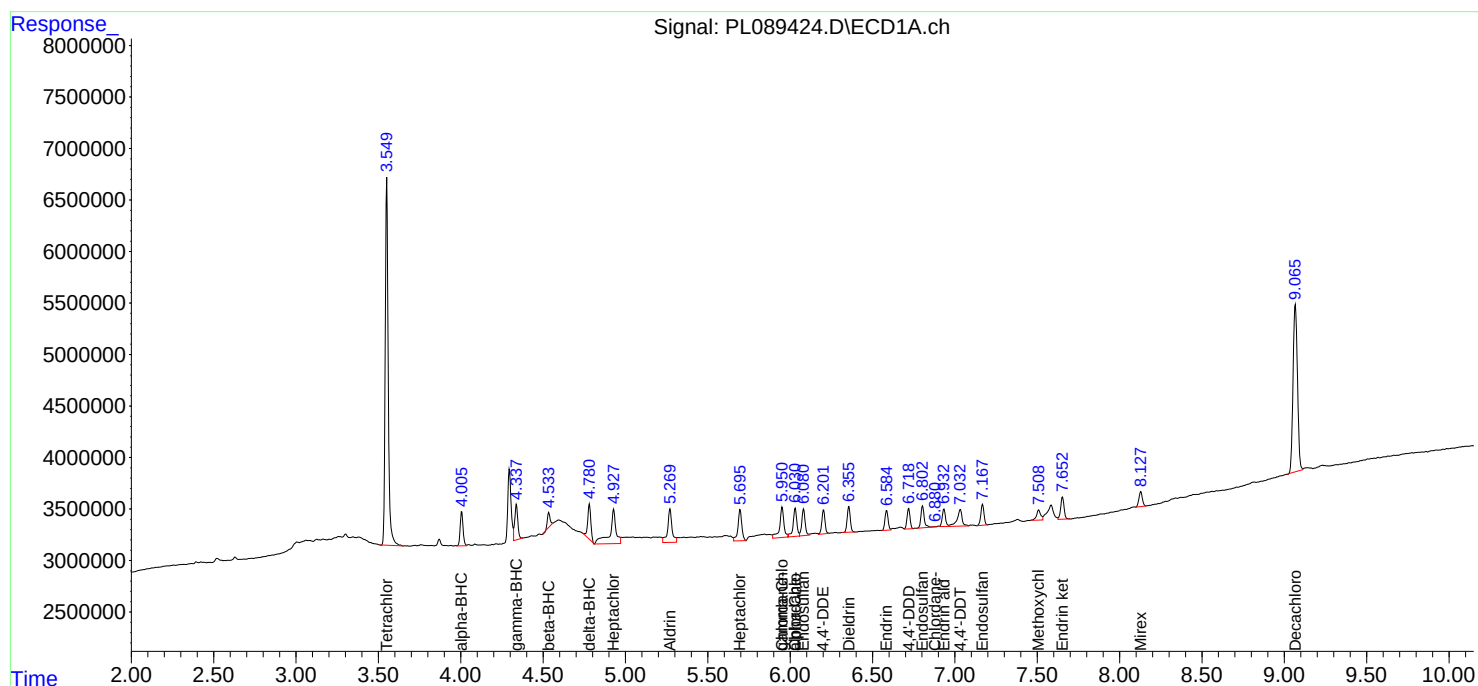
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

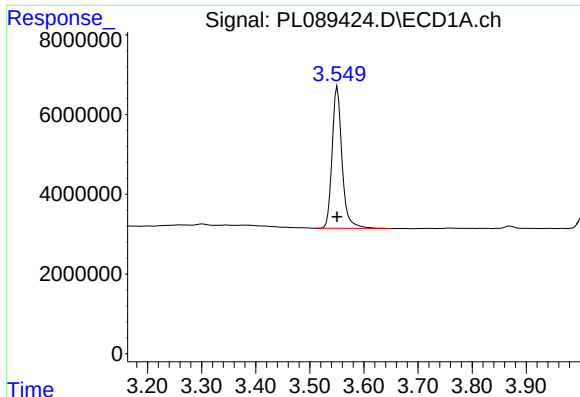
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
Data File : PL089424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2024 15:31
Operator : AR\AJ
Sample : P2403-07
Misc : PEST LOD 1PPB
ALS Vial : 9 Sample Multiplier: 1

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 00:54:11 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

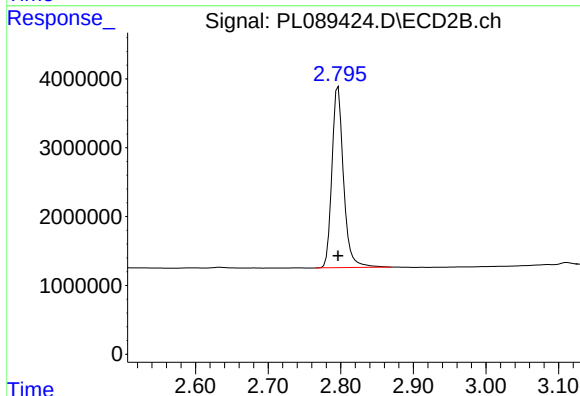




#1 Tetrachloro-m-xylene

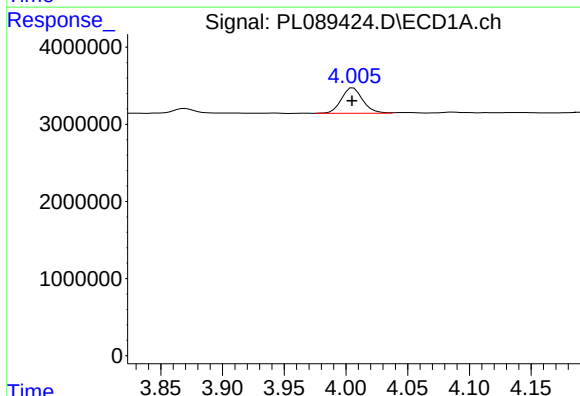
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 45422701
Conc: 22.56 ng/ml

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



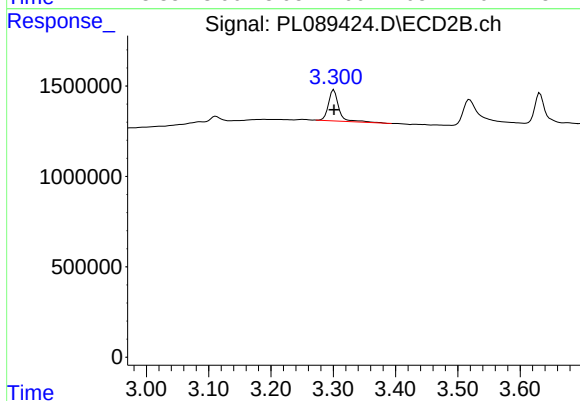
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 29312323
Conc: 22.85 ng/ml



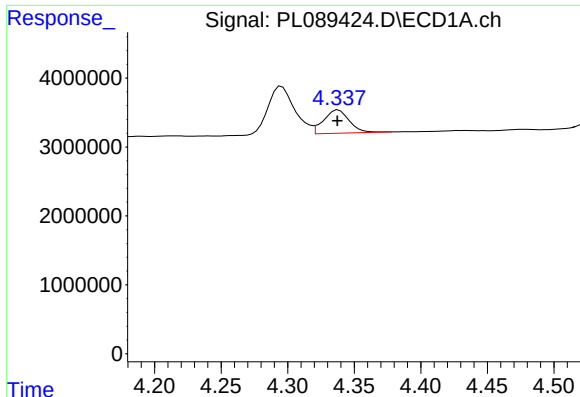
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 4003134
Conc: 1.40 ng/ml



#2 alpha-BHC

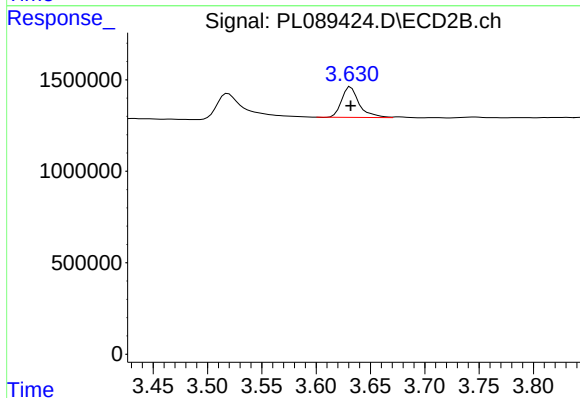
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 2000405
Conc: 1.06 ng/ml



#3 gamma-BHC (Lindane)

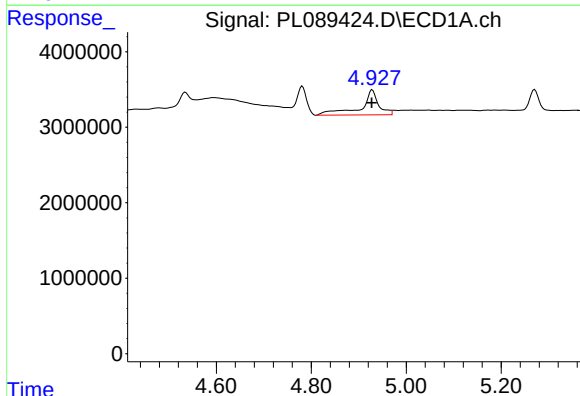
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 4520399
Conc: 1.62 ng/ml

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



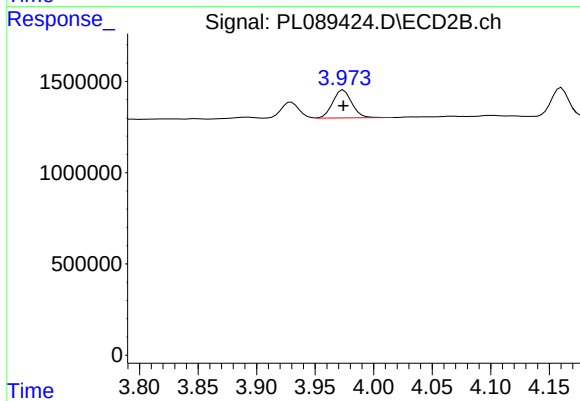
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 1872891
Conc: 1.01 ng/ml



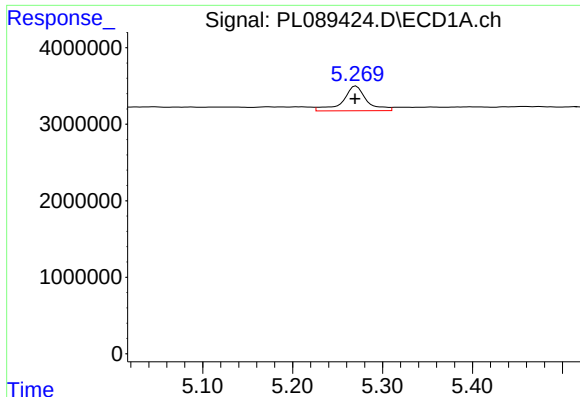
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.001 min
Response: 8718194
Conc: 3.52 ng/ml



#4 Heptachlor

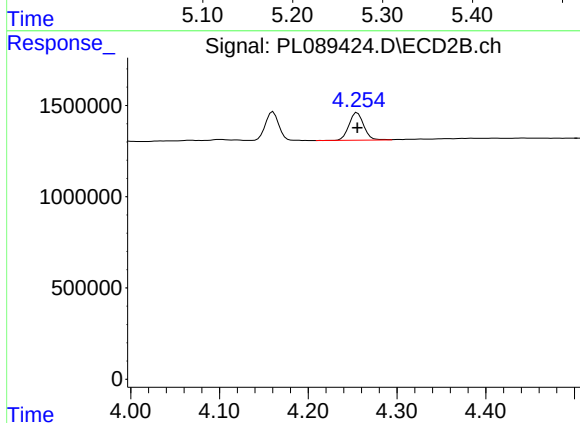
R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 1740963
Conc: 0.99 ng/ml



#5 Aldrin

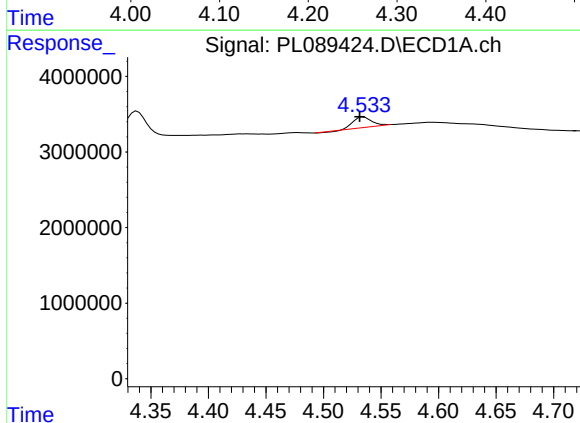
R.T.: 5.271 min
Delta R.T.: 0.001 min
Response: 5970107
Conc: 2.32 ng/ml

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



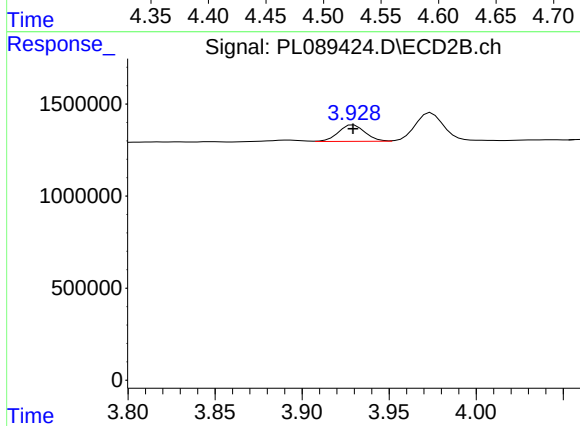
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 1735364
Conc: 0.98 ng/ml



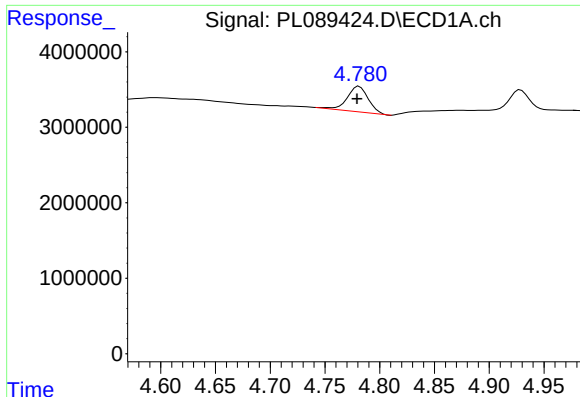
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.003 min
Response: 1478736
Conc: 1.17 ng/ml



#6 beta-BHC

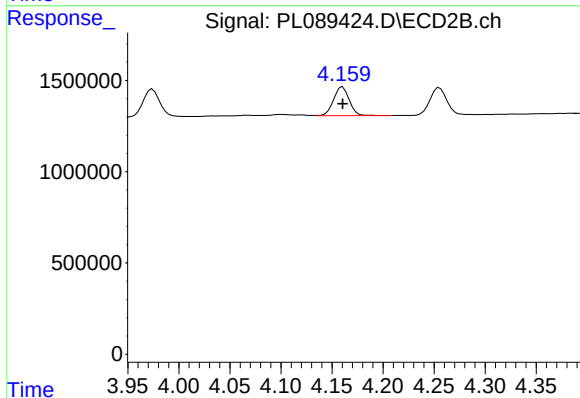
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 952491
Conc: 1.17 ng/ml



#7 delta-BHC

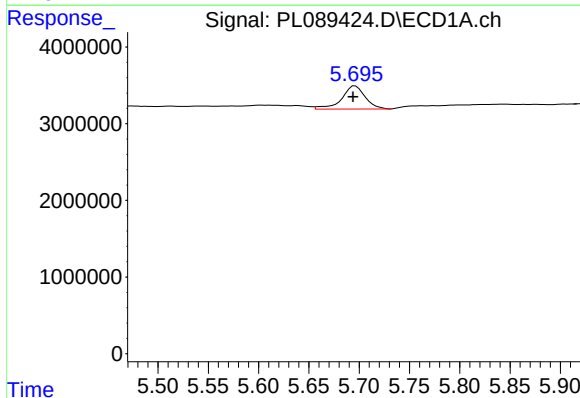
R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 4526426
Conc: 1.71 ng/ml

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



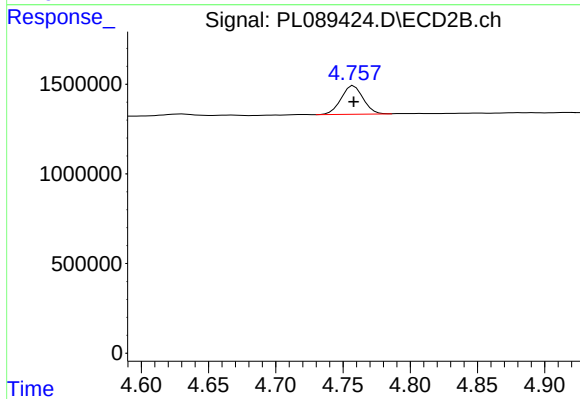
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 1683716
Conc: 0.94 ng/ml



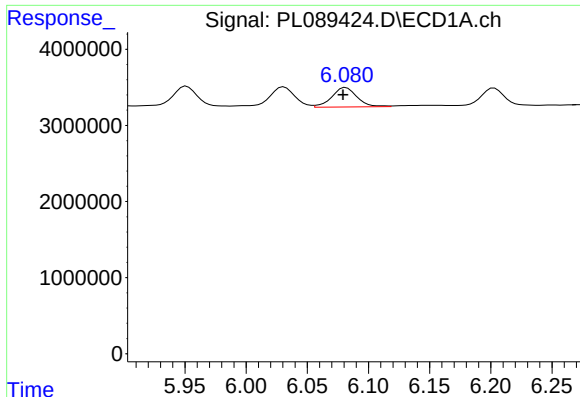
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.002 min
Response: 4901218
Conc: 2.09 ng/ml



#8 Heptachlor epoxide

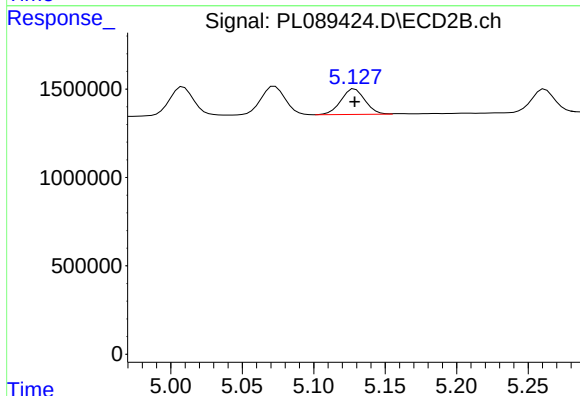
R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 1814530
Conc: 1.12 ng/ml



#9 Endosulfan I

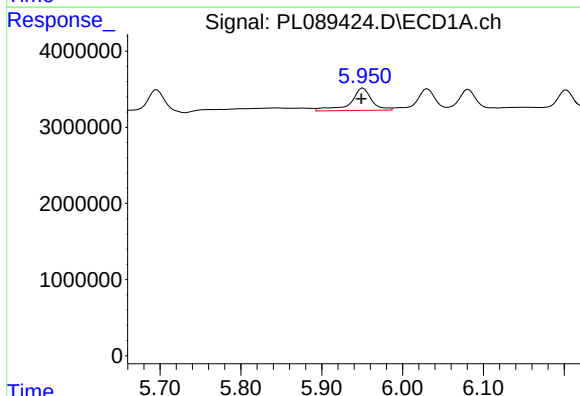
R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 3678669
Conc: 1.71 ng/ml

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



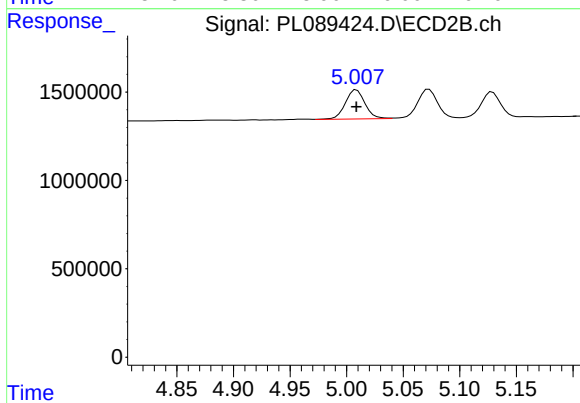
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1689775
Conc: 1.13 ng/ml



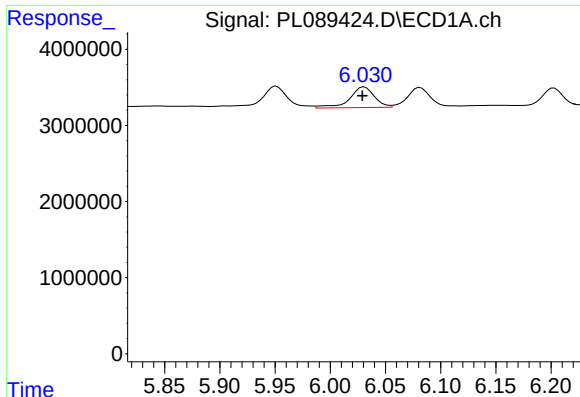
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 5326158
Conc: 2.33 ng/ml



#10 gamma-Chlordane

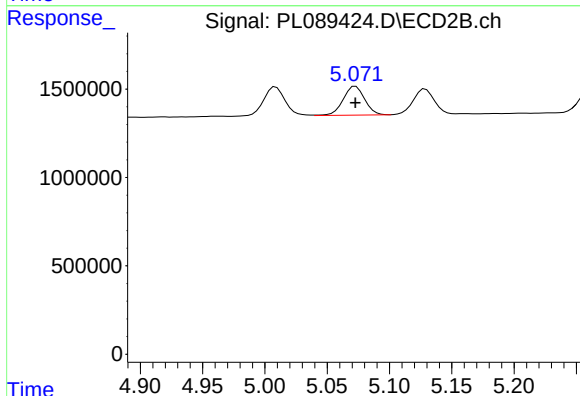
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 1988098
Conc: 1.21 ng/ml



#11 alpha-Chlordane

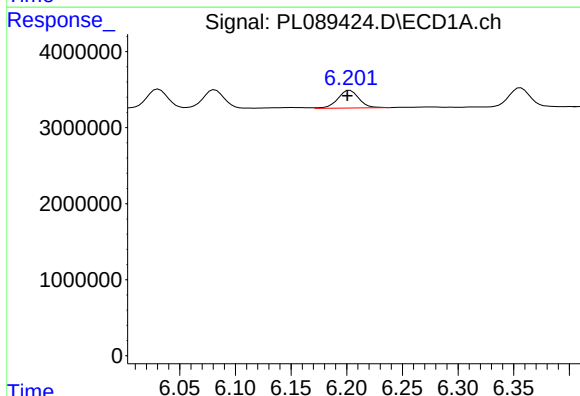
R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 4256097
Conc: 1.87 ng/ml

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



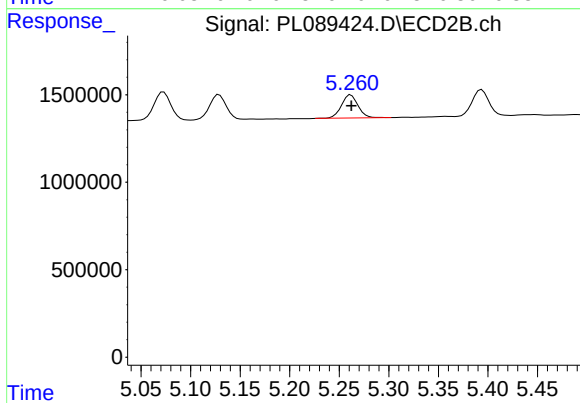
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 1971349
Conc: 1.20 ng/ml



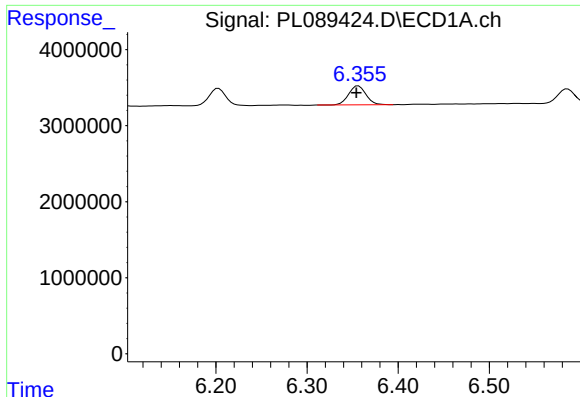
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 3067786
Conc: 1.52 ng/ml



#12 4,4'-DDE

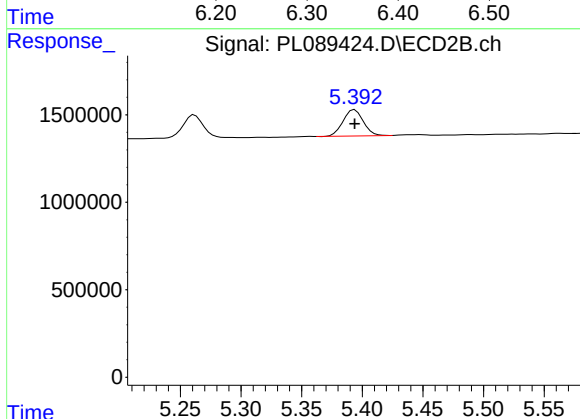
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 1542559
Conc: 1.06 ng/ml



#13 Dieldrin

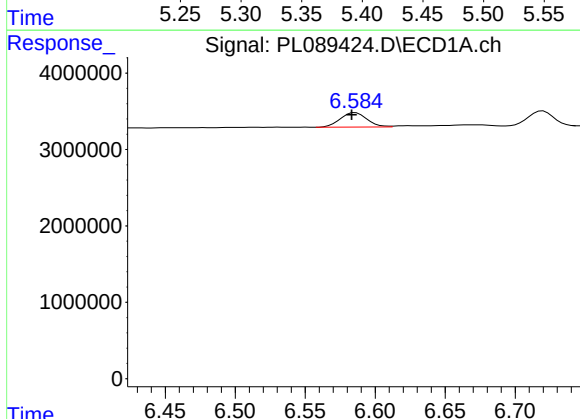
R.T.: 6.356 min
Delta R.T.: 0.002 min
Response: 3318026
Conc: 1.48 ng/ml

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



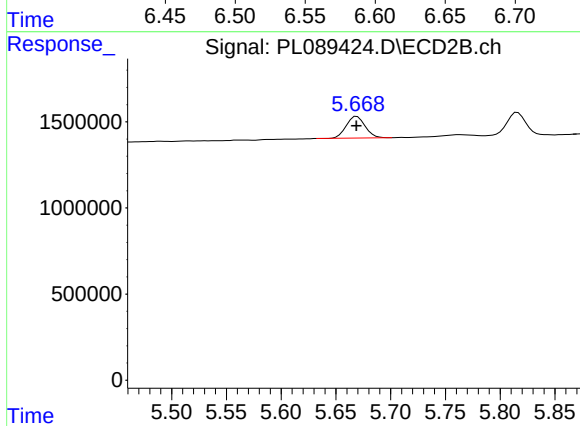
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 1746051
Conc: 1.09 ng/ml



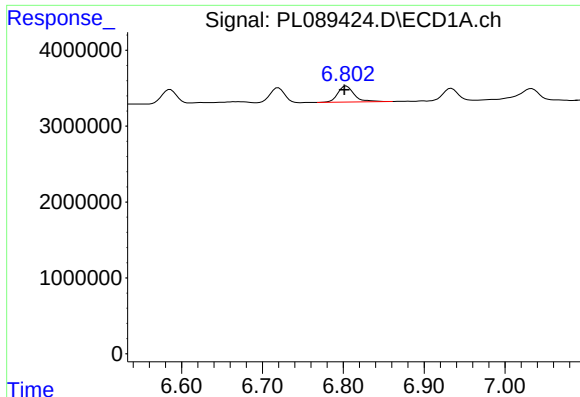
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 2509769
Conc: 1.32 ng/ml



#14 Endrin

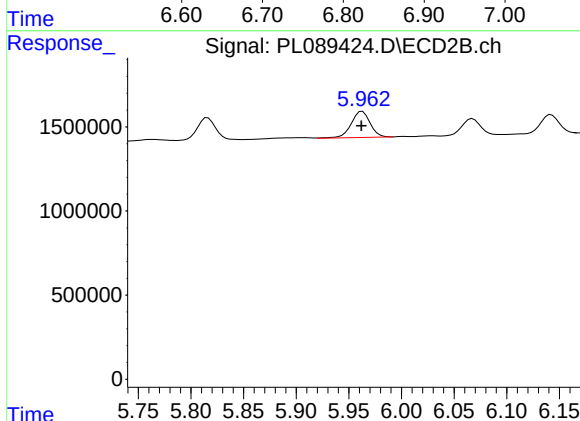
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 1511611
Conc: 1.05 ng/ml



#15 Endosulfan II

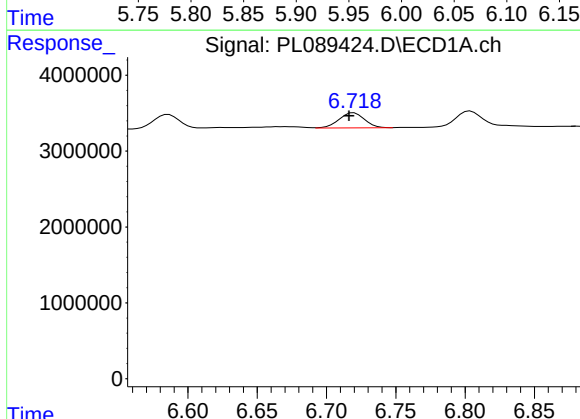
R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 3013883
Conc: 1.51 ng/ml

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



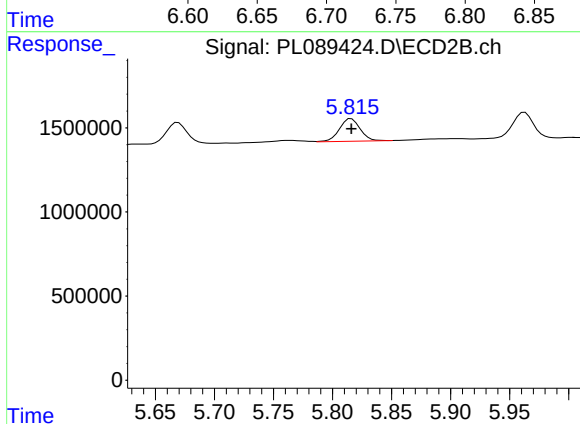
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 1945632
Conc: 1.35 ng/ml



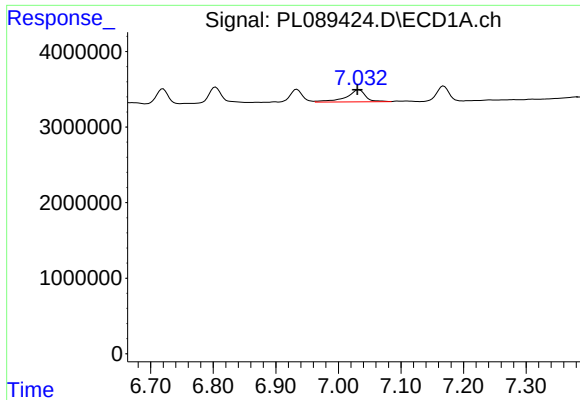
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 2552046
Conc: 1.51 ng/ml



#16 4,4'-DDD

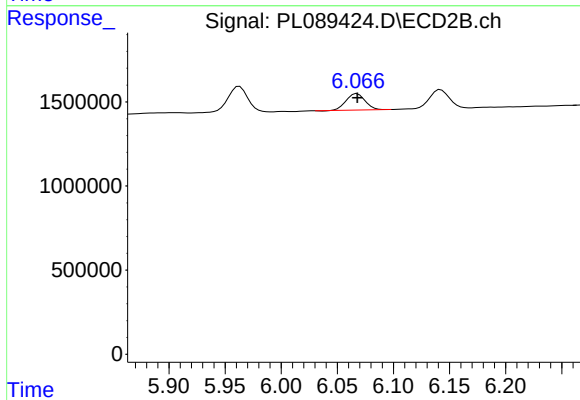
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 1642185
Conc: 1.33 ng/ml



#17 4,4'-DDT

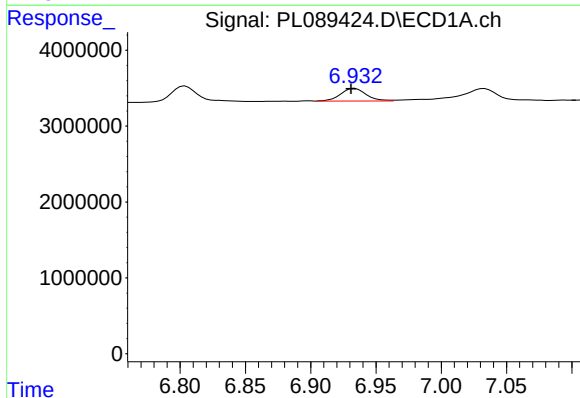
R.T.: 7.033 min
Delta R.T.: 0.002 min
Response: 3448052
Conc: 1.87 ng/ml

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



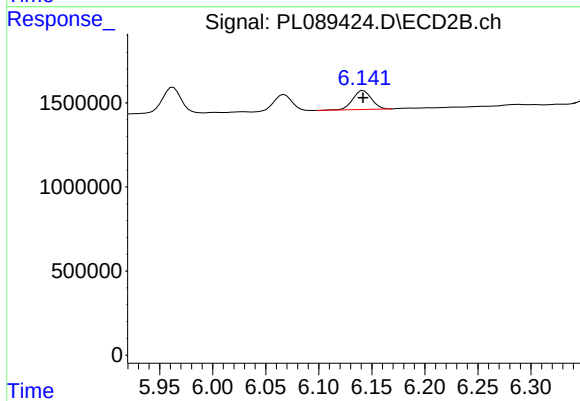
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 1150253
Conc: 0.85 ng/ml



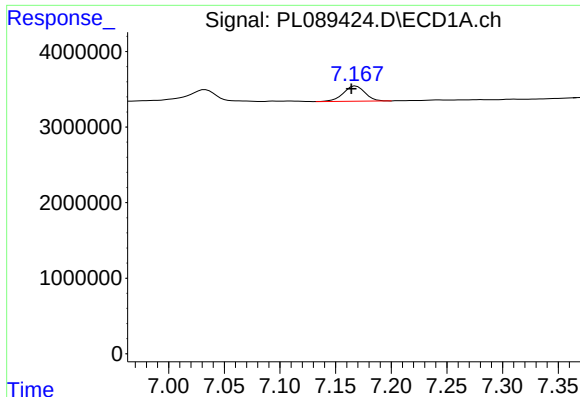
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 2313120
Conc: 1.53 ng/ml



#18 Endrin aldehyde

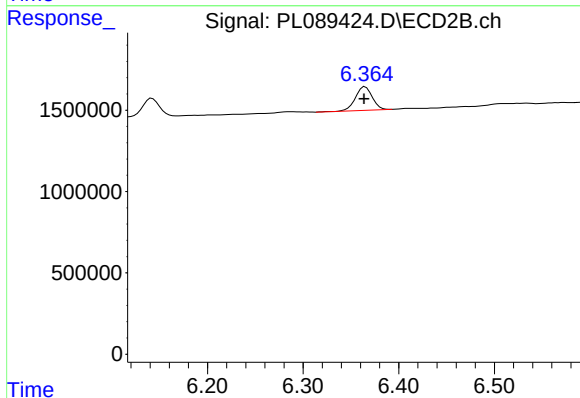
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 1372539
Conc: 1.23 ng/ml



#19 Endosulfan Sulfate

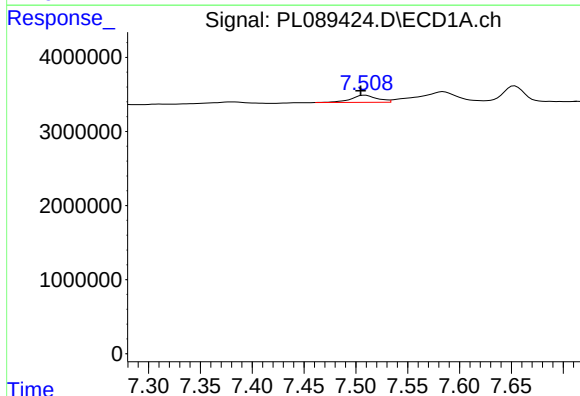
R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 2724296
Conc: 1.51 ng/ml

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



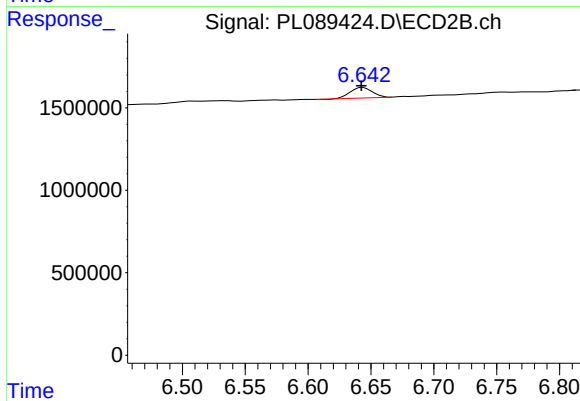
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.001 min
Response: 1783226
Conc: 1.29 ng/ml



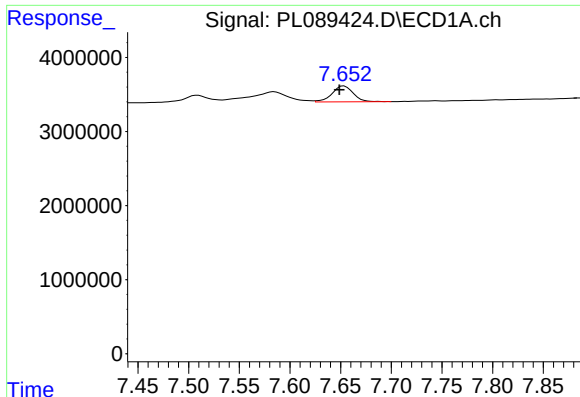
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.004 min
Response: 1735152
Conc: 1.76 ng/ml



#20 Methoxychlor

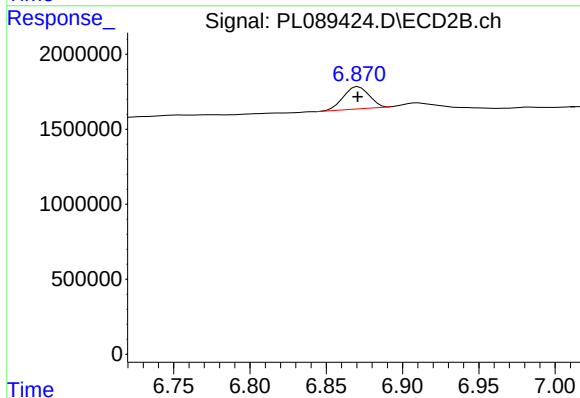
R.T.: 6.644 min
Delta R.T.: 0.001 min
Response: 771935
Conc: 0.97 ng/ml



#21 Endrin ketone

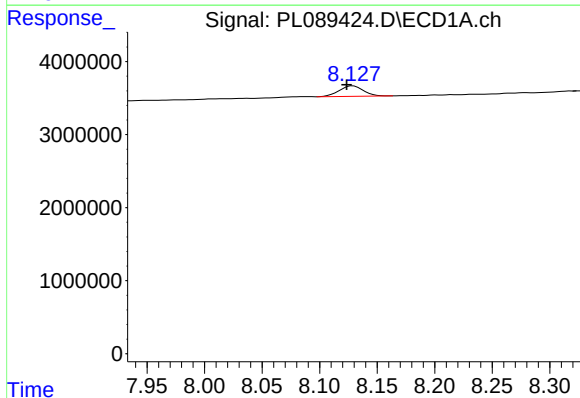
R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 3099759
Conc: 1.55 ng/ml

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



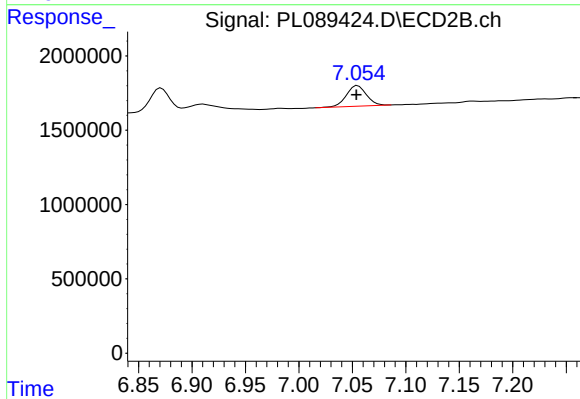
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 1737451
Conc: 1.09 ng/ml



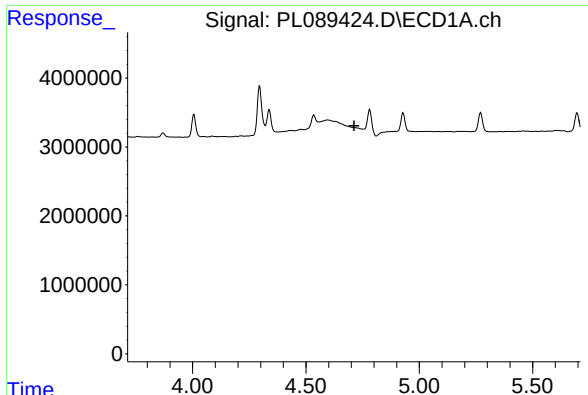
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.005 min
Response: 2106685
Conc: 1.36 ng/ml



#22 Mirex

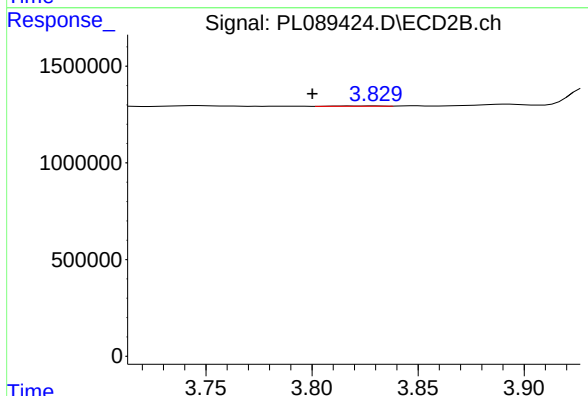
R.T.: 7.055 min
Delta R.T.: 0.001 min
Response: 1816931
Conc: 1.33 ng/ml



#23 Chlordane-1

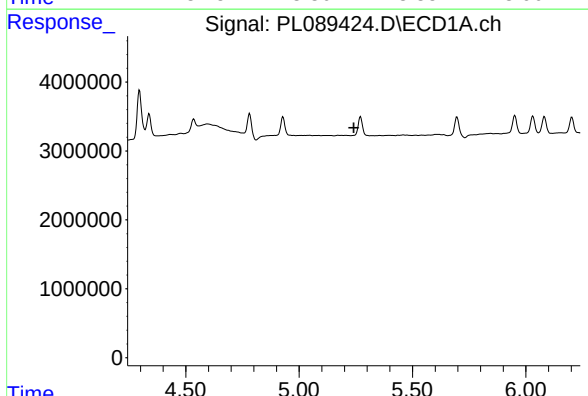
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

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



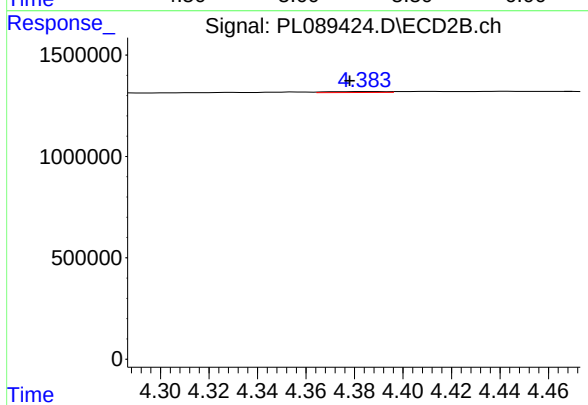
#23 Chlordane-1

R.T.: 3.830 min
Delta R.T.: 0.030 min
Response: 22990
Conc: 0.47 ng/ml



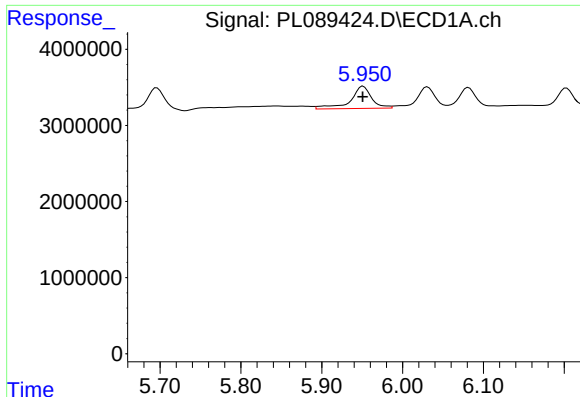
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.240 min
Response: 0
Conc: N.D.



#24 Chlordane-2

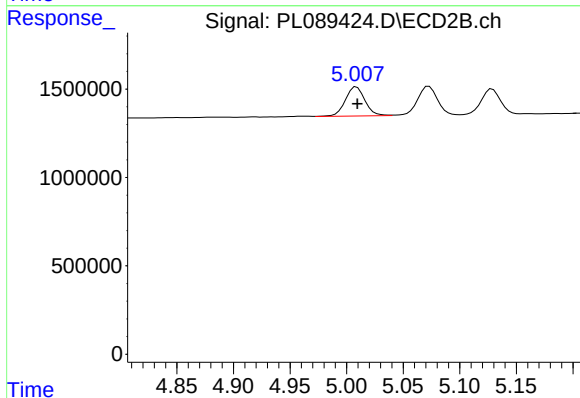
R.T.: 4.385 min
Delta R.T.: 0.007 min
Response: 79077
Conc: 1.24 ng/ml



#25 Chlordane-3

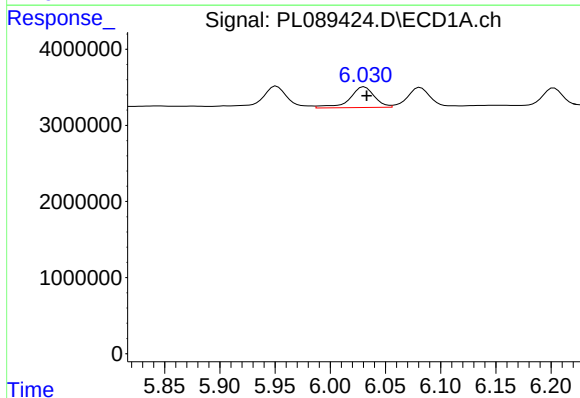
R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 5326158
Conc: 16.13 ng/ml

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



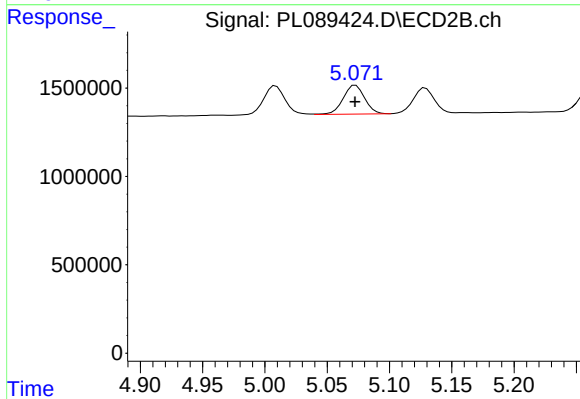
#25 Chlordane-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 1988098
Conc: 11.61 ng/ml



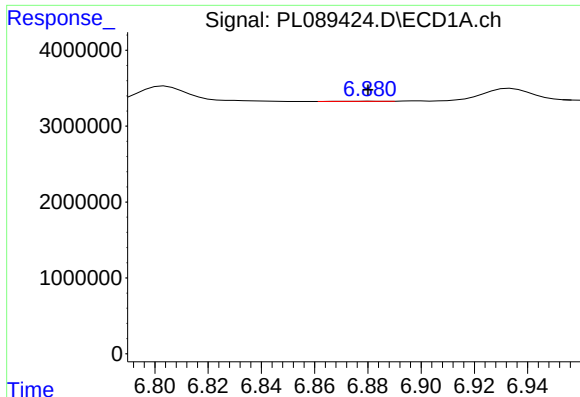
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 4256097
Conc: 10.44 ng/ml



#26 Chlordane-4

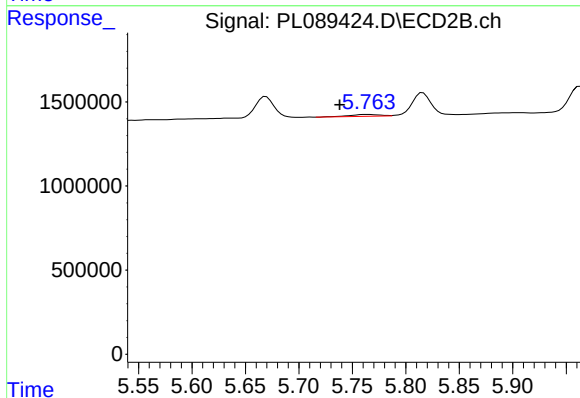
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 1971349
Conc: 12.26 ng/ml



#27 Chlordane-5

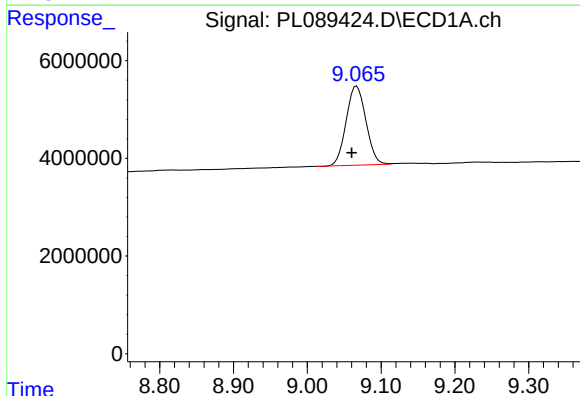
R.T.: 6.882 min
Delta R.T.: 0.002 min
Response: 55713
Conc: 0.67 ng/ml

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



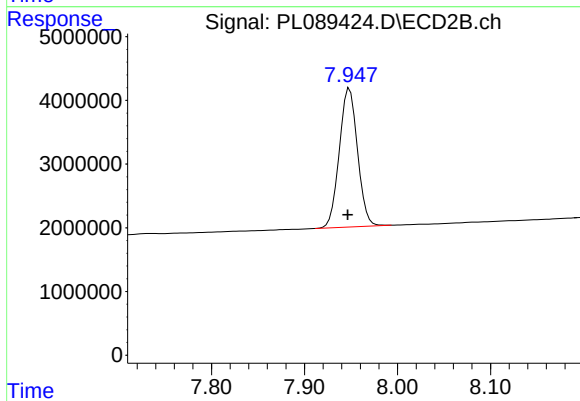
#27 Chlordane-5

R.T.: 5.764 min
Delta R.T.: 0.026 min
Response: 208996
Conc: 4.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.007 min
Response: 30068226
Conc: 21.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.002 min
Response: 29639722
Conc: 22.03 ng/ml