

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022719\
 Data File : PL045177.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2019 20:19
 Operator : AJ\SJ
 Sample : K1560-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 04:49:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.364	3.982	137.8E6	43884838	20.030	20.492
28)	SA Decachlor...	8.048	9.041	181.6E6	50688388	21.700	22.184
Target Compounds							
2)	A alpha-BHC	3.794	4.372	10172655	2378544	0.916	0.783
3)	MA gamma-BHC...	4.071	4.656	8067501	2385669	0.798	0.845
4)	MA Heptachlor	4.359	5.164	9193179	3604015	0.871	1.211 #
5)	MB Aldrin	4.599	5.468	7164642	2591369	0.737	0.959 #
6)	B beta-BHC	0.000	4.829	0	651816	N.D.	0.513 #
7)	B delta-BHC	4.520	5.046	6237544	463567	0.653	0.216 #
8)	B Heptachlo...	5.037	5.853	8521859	2629506	0.913	1.095
9)	A Endosulfan I	5.369	6.211	7675359	2746094	0.859	1.103 #
10)	B gamma-Chl...	5.261	6.089	8704125	2758904	0.889	1.028
11)	B alpha-Chl...	5.317	6.161	8830348	2949138	0.911	1.093
12)	B 4,4'-DDE	5.484	6.318	6445312	2179217	0.734	0.933 #
13)	MA Dieldrin	5.609	6.468	7778879	2630944	0.814	1.024 #
14)	MA Endrin	5.862	6.685	10118573	2242409	1.124	0.986
15)	B Endosulfa...	6.137	6.896	8335042	3503341	0.962	1.490 #
16)	A 4,4'-DDD	5.996	6.809	5874648	2464663	0.802	1.282 #
17)	MA 4,4'-DDT	0.000	7.108	0	1814148	N.D.	0.919 #
18)	B Endrin al...	6.304	7.019	7223356	2310229	0.988	1.130
19)	B Endosulfa...	6.516	7.242	8553765	2604556	1.052	1.158
21)	B Endrin ke...	6.999	7.711	7927629	2387336	0.861	1.004
22)	Mirex	7.177	8.165	9169485	2472333	1.232	1.241
24)	Chlordane-2	0.000	5.468f	0	2591369	N.D.	21.446 #
25)	Chlordane-3	5.261	6.089	8704125	2758904	7.588	7.081
26)	Chlordane-4	5.317	6.161	8830348	2949138	8.330	6.304
27)	Chlordane-5	6.137	0.000	8335042	0	24.135	N.D. #

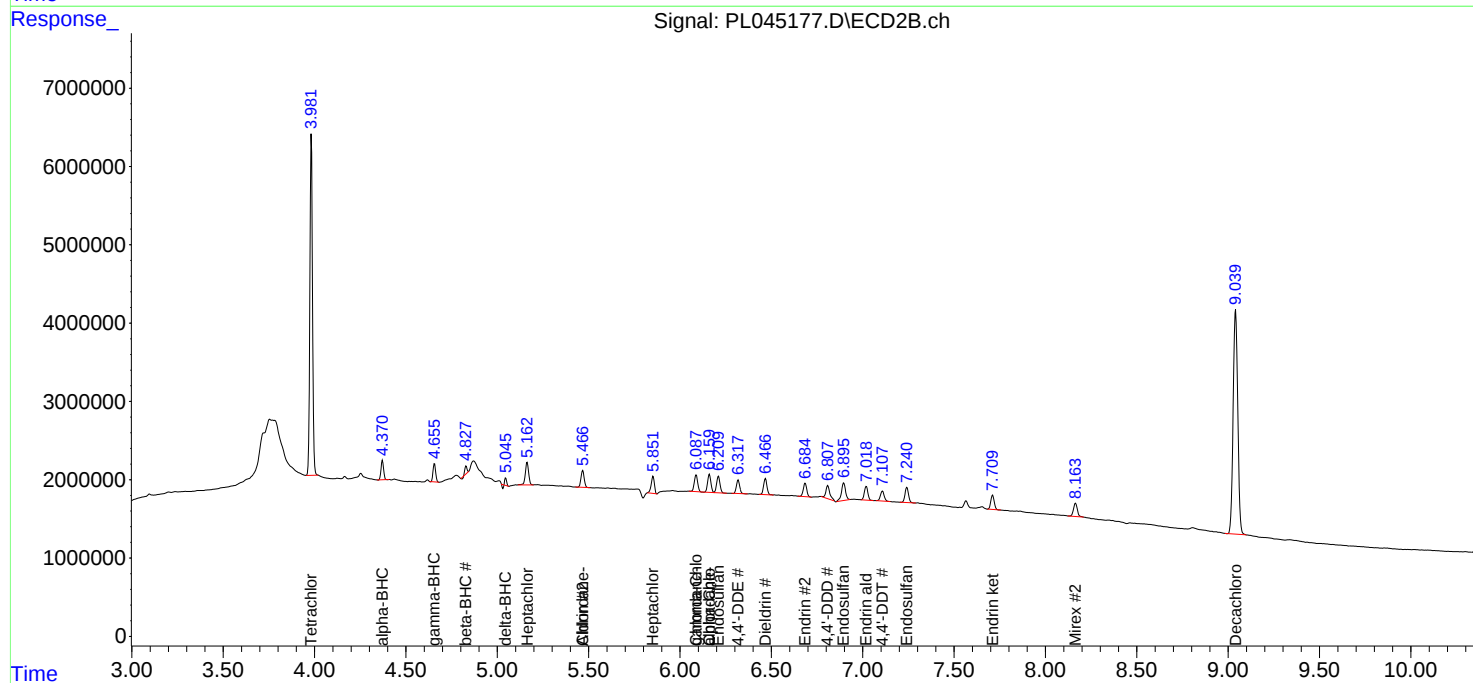
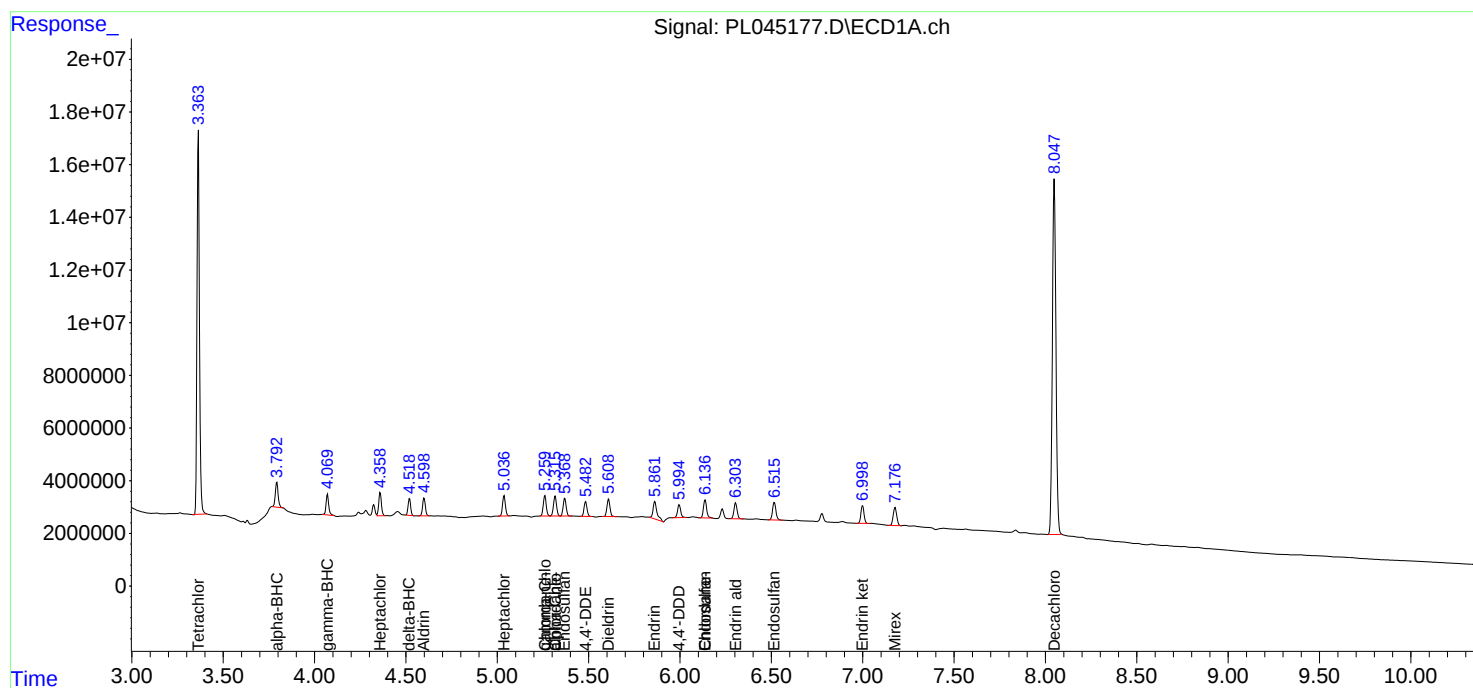
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

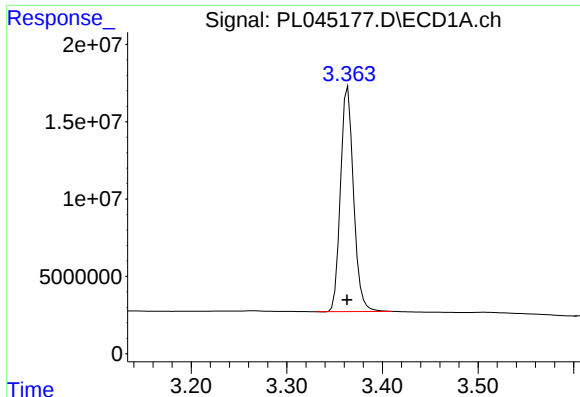
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022719\
Data File : PL045177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2019 20:19
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LOD-MDL-WATER-01-QT1-2019

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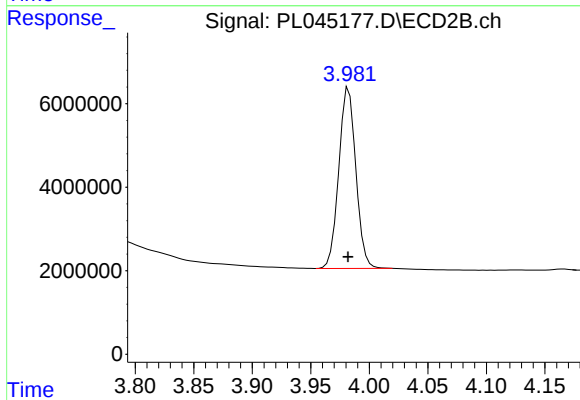




#1 Tetrachloro-m-xylene

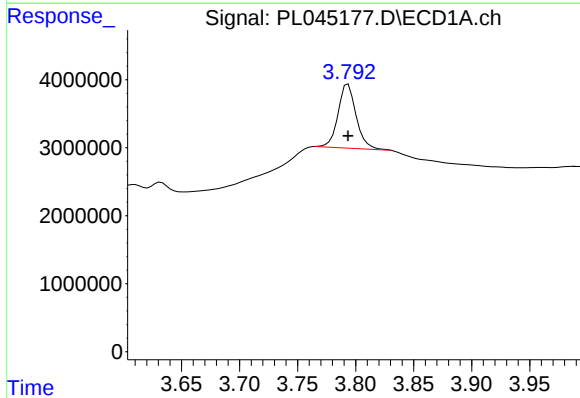
R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 137789548
Conc: 20.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



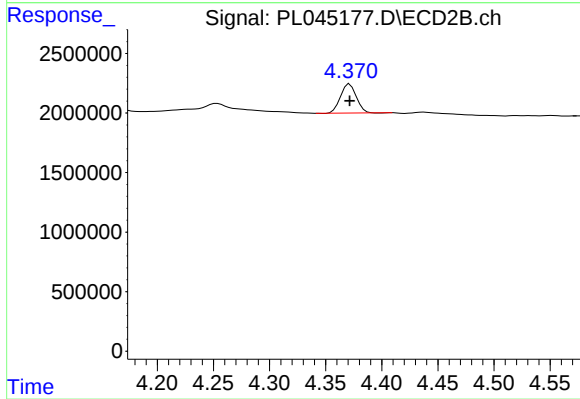
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 43884838
Conc: 20.49 ng/ml



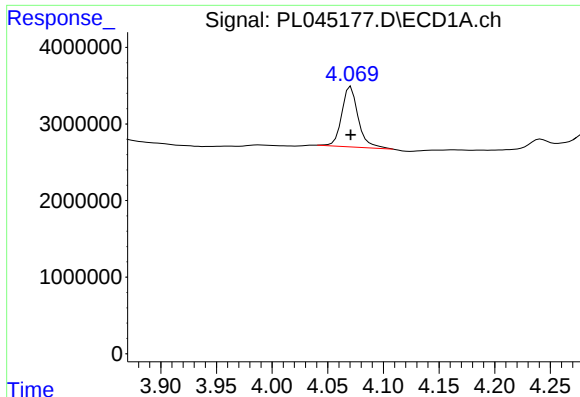
#2 alpha-BHC

R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 10172655
Conc: 0.92 ng/ml



#2 alpha-BHC

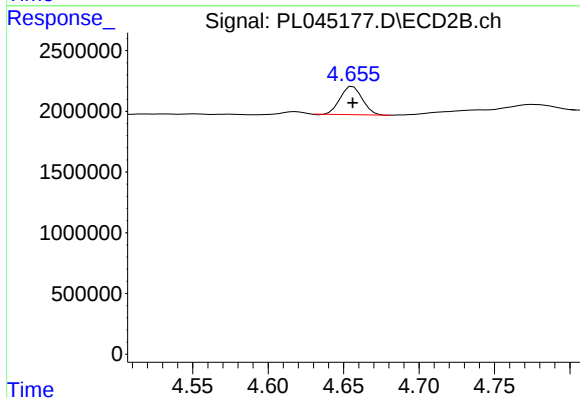
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 2378544
Conc: 0.78 ng/ml



#3 gamma-BHC (Lindane)

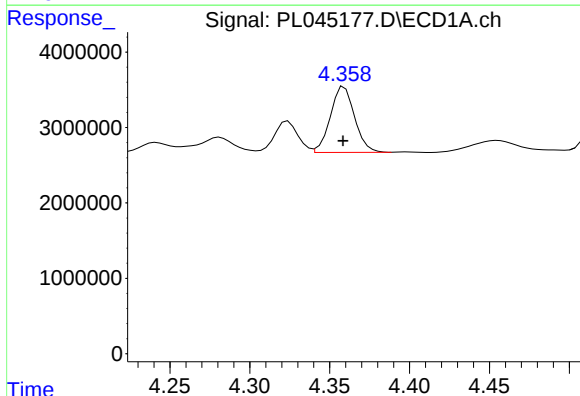
R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 8067501
Conc: 0.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



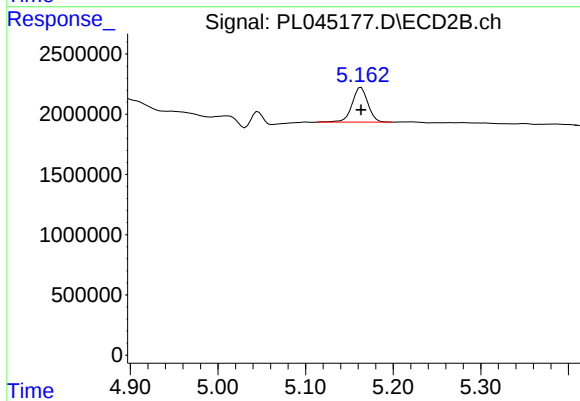
#3 gamma-BHC (Lindane)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 2385669
Conc: 0.84 ng/ml



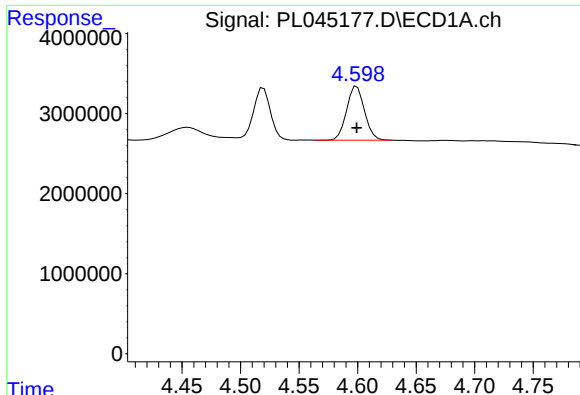
#4 Heptachlor

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 9193179
Conc: 0.87 ng/ml



#4 Heptachlor

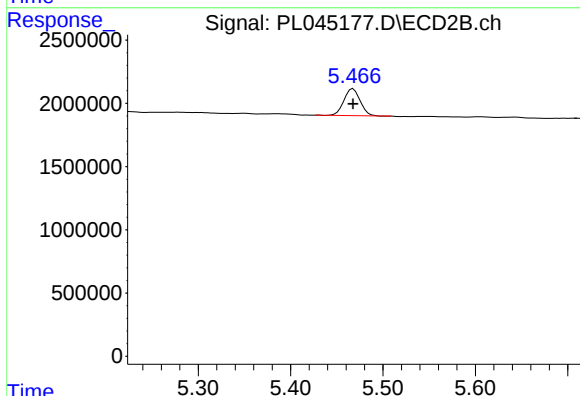
R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 3604015
Conc: 1.21 ng/ml



#5 Aldrin

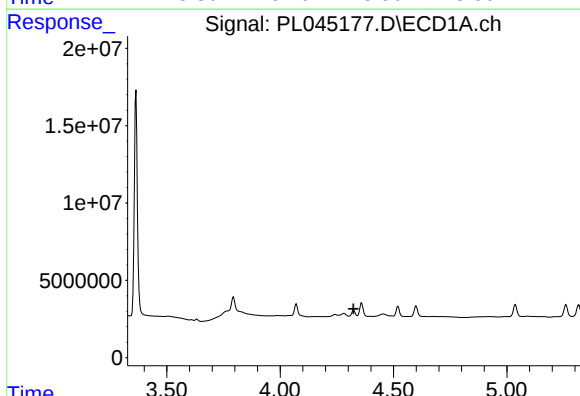
R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 7164642
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



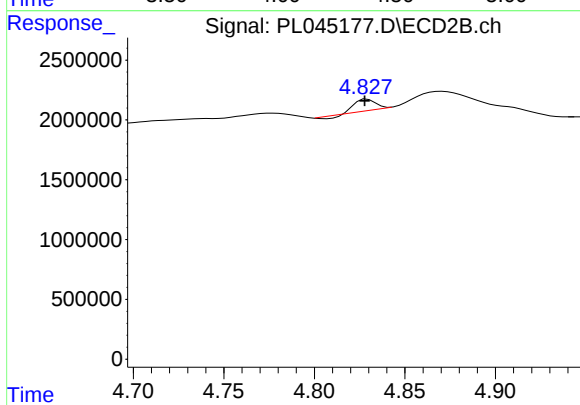
#5 Aldrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 2591369
Conc: 0.96 ng/ml



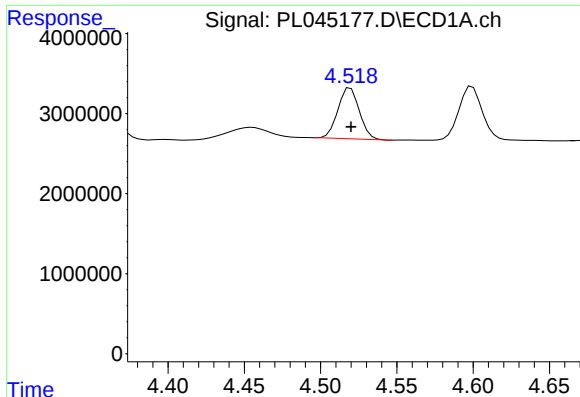
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.324 min
Response: 0
Conc: N.D.



#6 beta-BHC

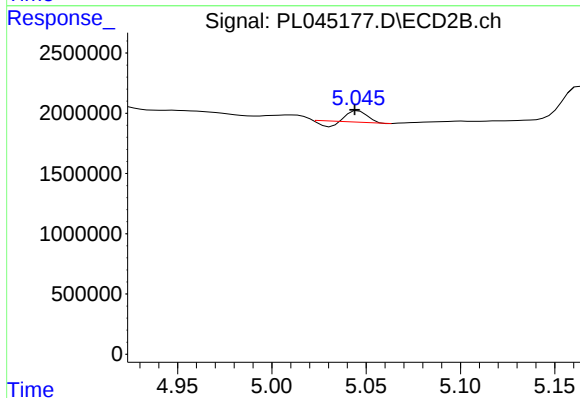
R.T.: 4.829 min
Delta R.T.: 0.002 min
Response: 651816
Conc: 0.51 ng/ml



#7 delta-BHC

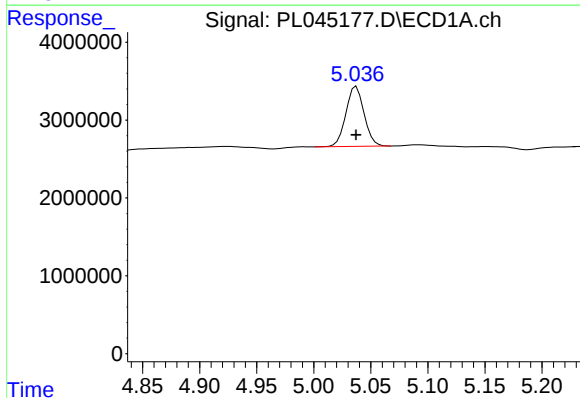
R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 6237544
Conc: 0.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



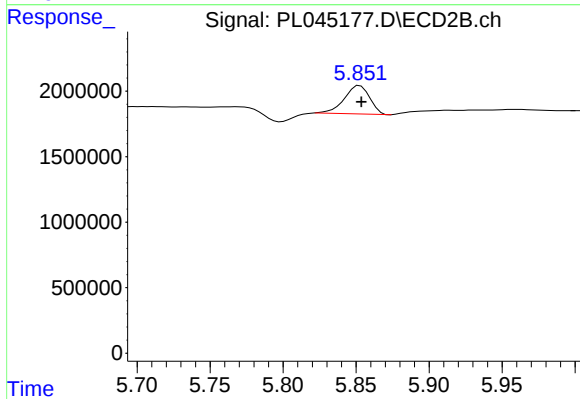
#7 delta-BHC

R.T.: 5.046 min
Delta R.T.: 0.002 min
Response: 463567
Conc: 0.22 ng/ml



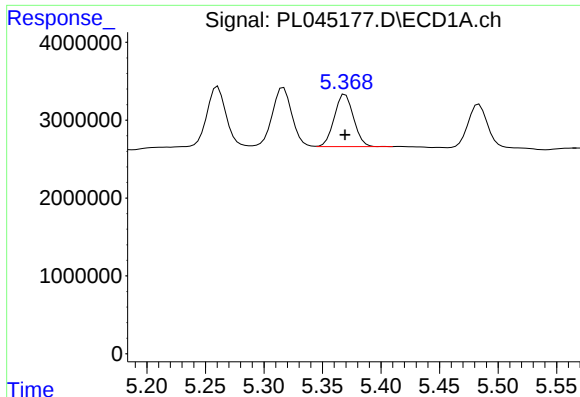
#8 Heptachlor epoxide

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 8521859
Conc: 0.91 ng/ml



#8 Heptachlor epoxide

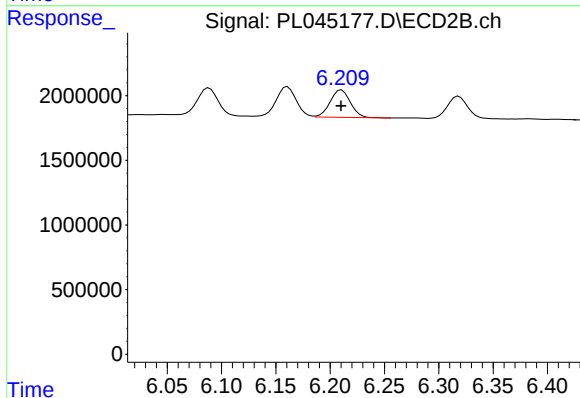
R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 2629506
Conc: 1.09 ng/ml



#9 Endosulfan I

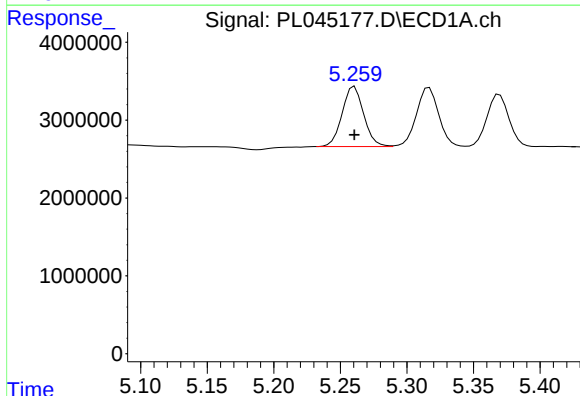
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 7675359
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



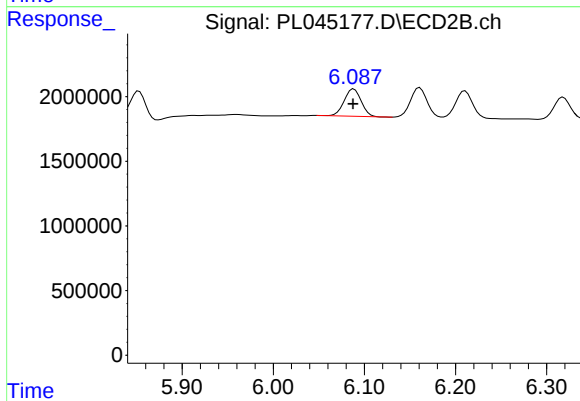
#9 Endosulfan I

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 2746094
Conc: 1.10 ng/ml



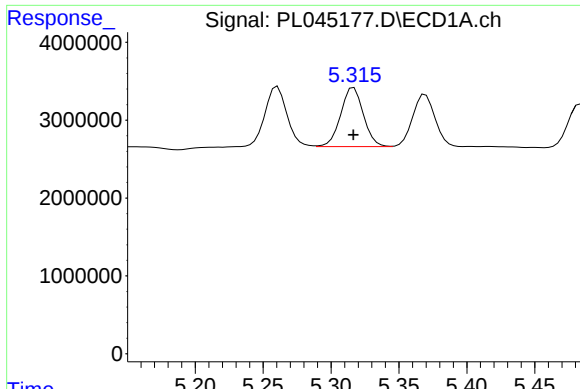
#10 gamma-Chlordane

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 8704125
Conc: 0.89 ng/ml



#10 gamma-Chlordane

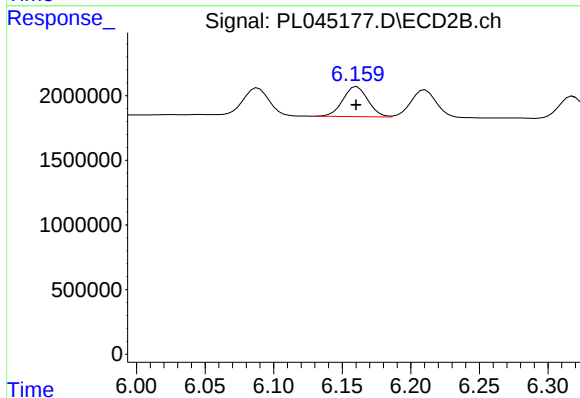
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 2758904
Conc: 1.03 ng/ml



#11 alpha-Chlordane

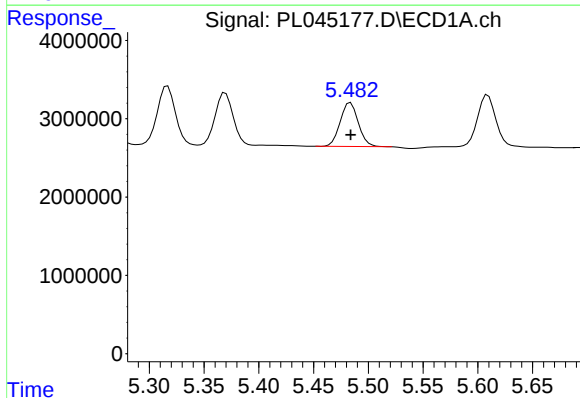
R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 8830348
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



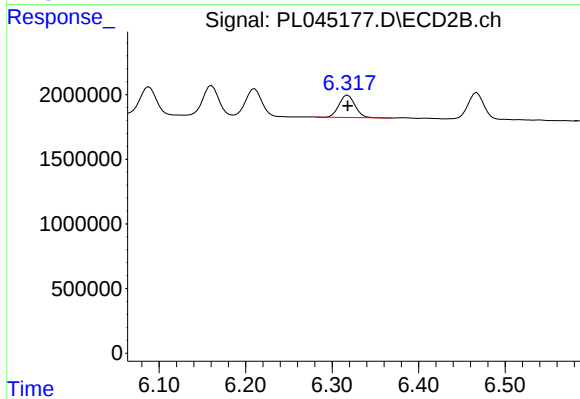
#11 alpha-Chlordane

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 2949138
Conc: 1.09 ng/ml



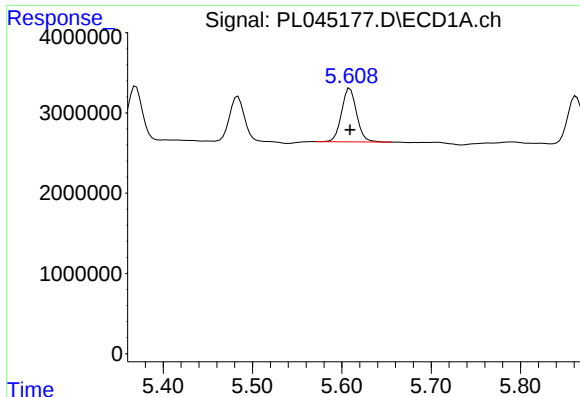
#12 4,4'-DDE

R.T.: 5.484 min
Delta R.T.: 0.000 min
Response: 6445312
Conc: 0.73 ng/ml



#12 4,4'-DDE

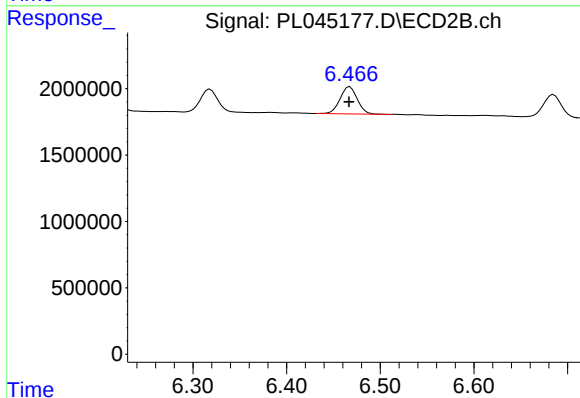
R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 2179217
Conc: 0.93 ng/ml



#13 Dieldrin

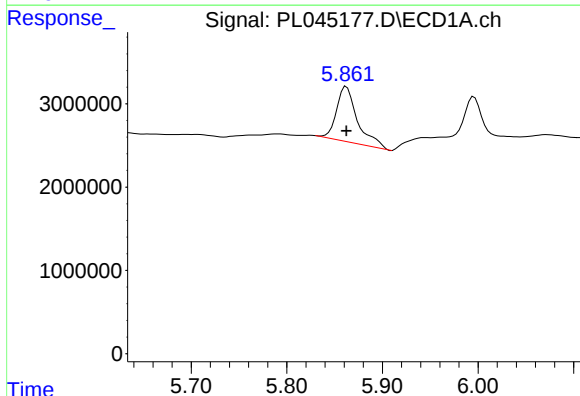
R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 7778879
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



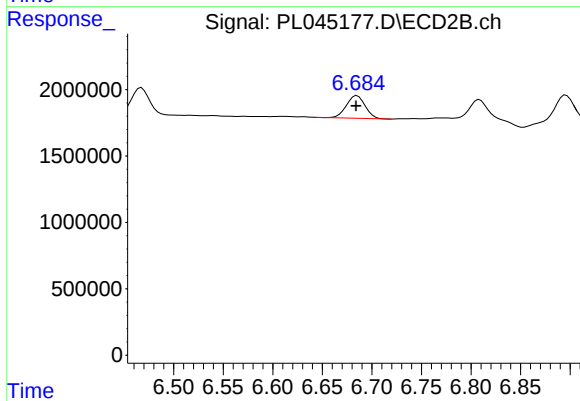
#13 Dieldrin

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 2630944
Conc: 1.02 ng/ml



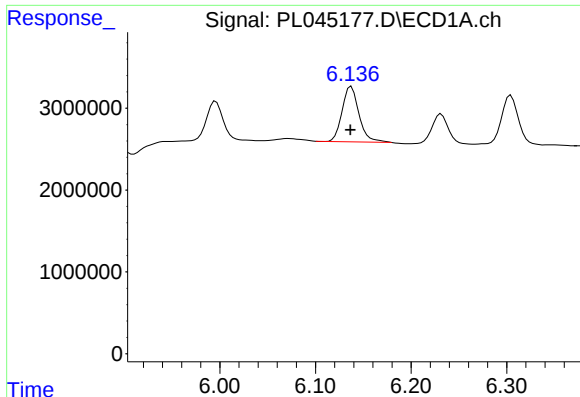
#14 Endrin

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 10118573
Conc: 1.12 ng/ml



#14 Endrin

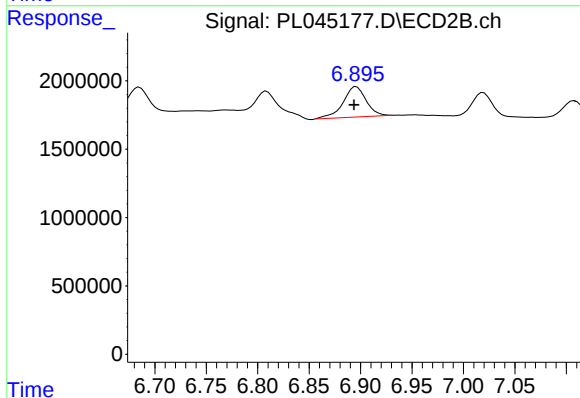
R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 2242409
Conc: 0.99 ng/ml



#15 Endosulfan II

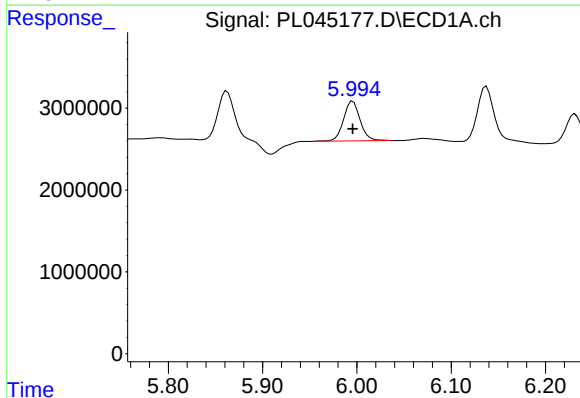
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 8335042
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



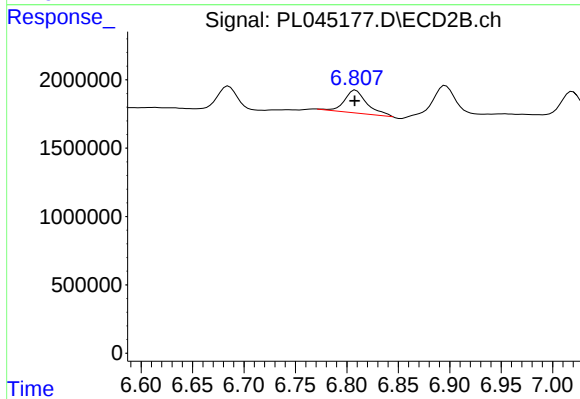
#15 Endosulfan II

R.T.: 6.896 min
Delta R.T.: 0.002 min
Response: 3503341
Conc: 1.49 ng/ml



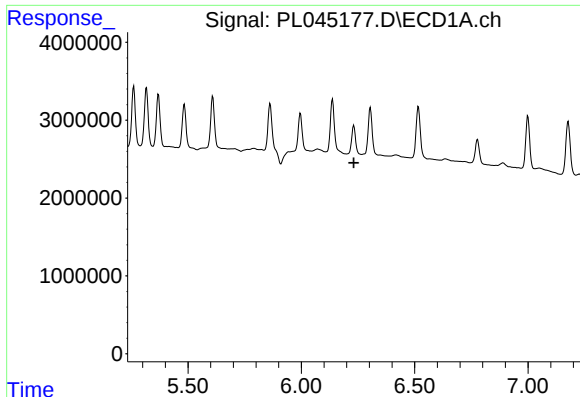
#16 4,4'-DDD

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 5874648
Conc: 0.80 ng/ml



#16 4,4'-DDD

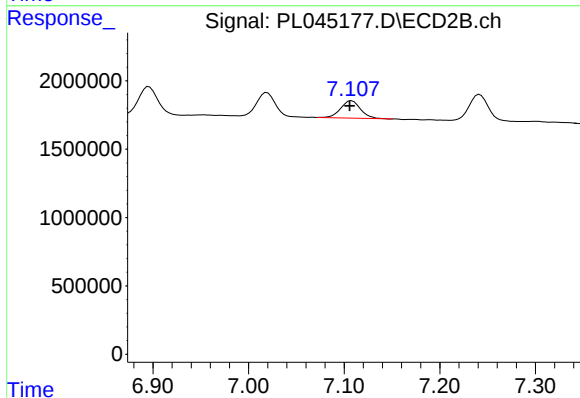
R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 2464663
Conc: 1.28 ng/ml



#17 4,4'-DDT

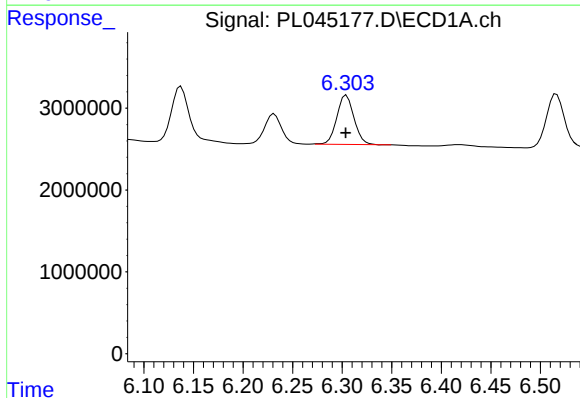
R.T.: 0.000 min
Exp R.T.: 6.231 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



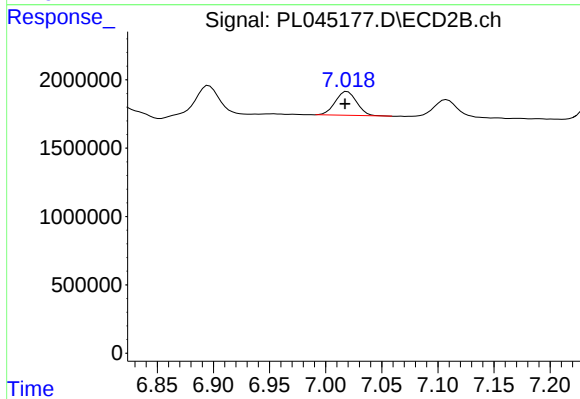
#17 4,4'-DDT

R.T.: 7.108 min
Delta R.T.: 0.002 min
Response: 1814148
Conc: 0.92 ng/ml



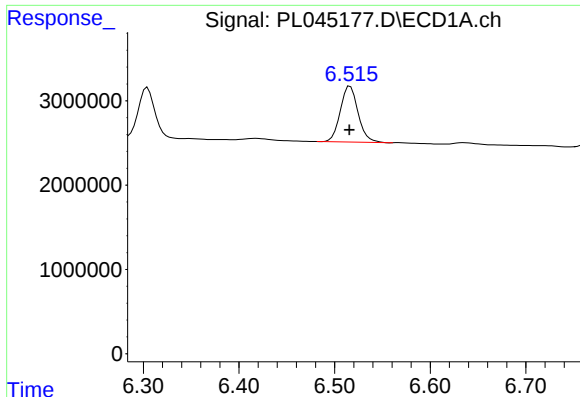
#18 Endrin aldehyde

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 7223356
Conc: 0.99 ng/ml



#18 Endrin aldehyde

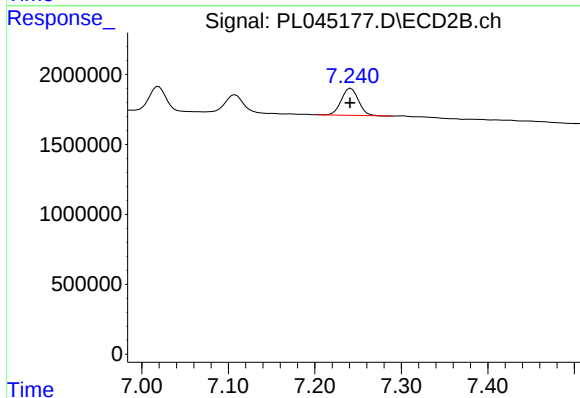
R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 2310229
Conc: 1.13 ng/ml



#19 Endosulfan Sulfate

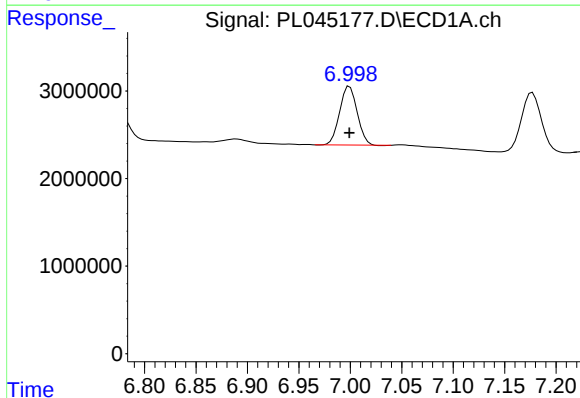
R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 8553765
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



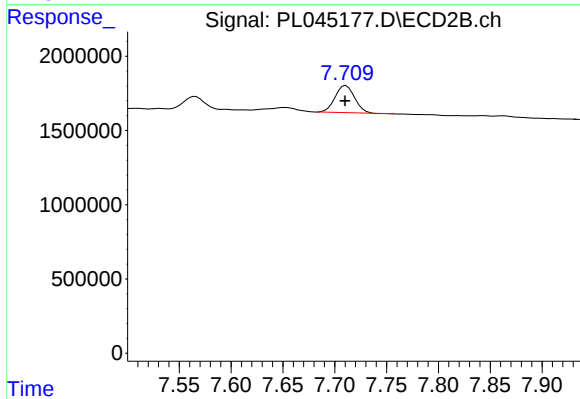
#19 Endosulfan Sulfate

R.T.: 7.242 min
Delta R.T.: 0.001 min
Response: 2604556
Conc: 1.16 ng/ml



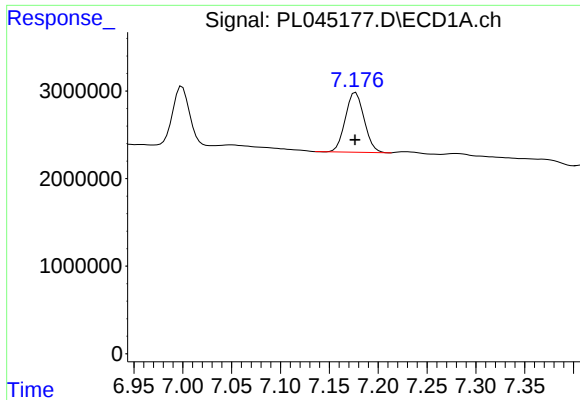
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 7927629
Conc: 0.86 ng/ml



#21 Endrin ketone

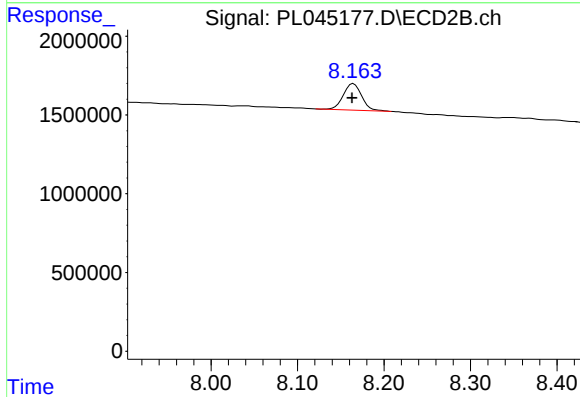
R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 2387336
Conc: 1.00 ng/ml



#22 Mirex

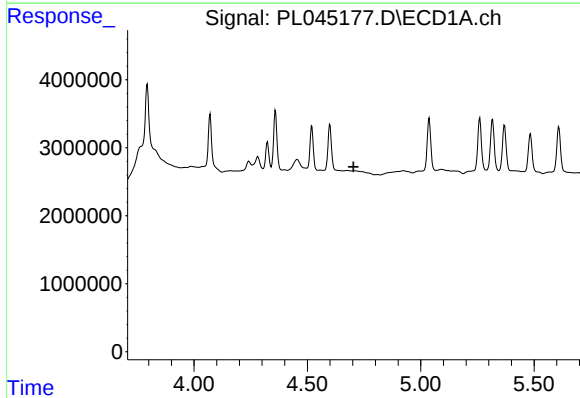
R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 9169485
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



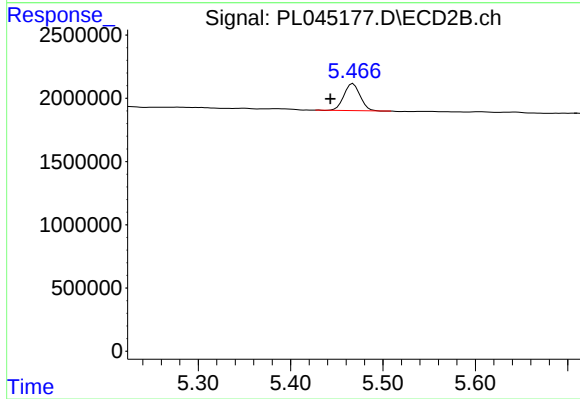
#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.002 min
Response: 2472333
Conc: 1.24 ng/ml



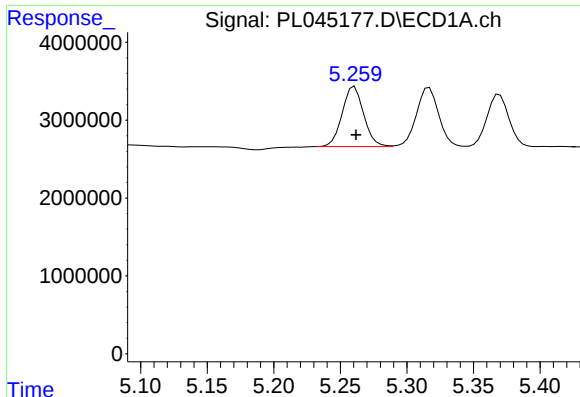
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.704 min
Response: 0
Conc: N.D.



#24 Chlordane-2

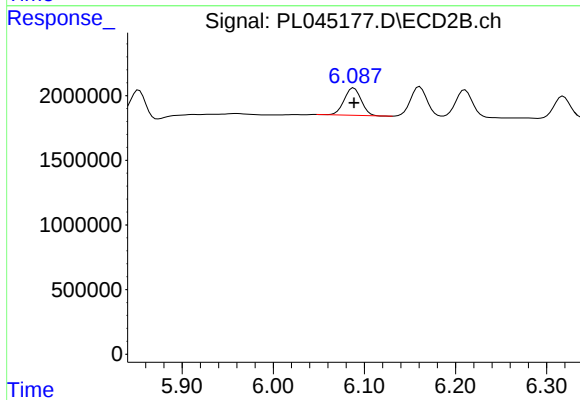
R.T.: 5.468 min
Delta R.T.: 0.025 min
Response: 2591369
Conc: 21.45 ng/ml



#25 Chlordane-3

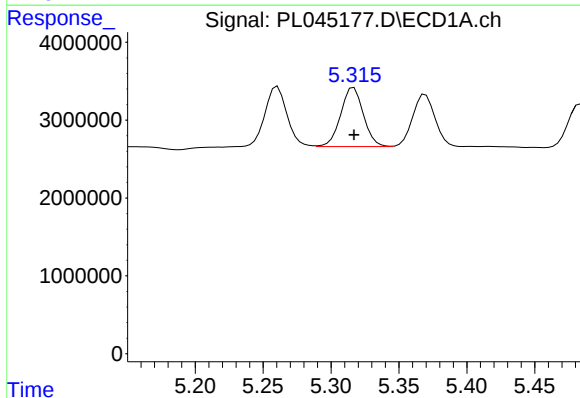
R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 8704125
Conc: 7.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



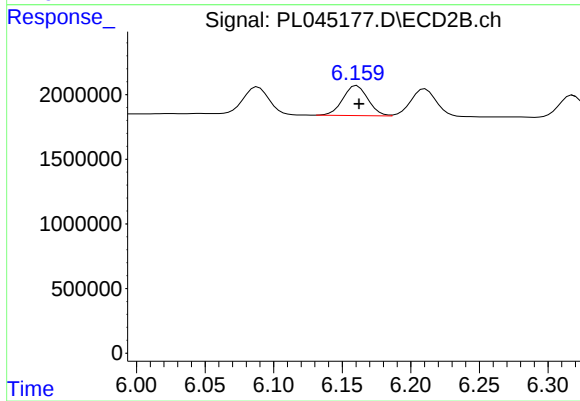
#25 Chlordane-3

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 2758904
Conc: 7.08 ng/ml



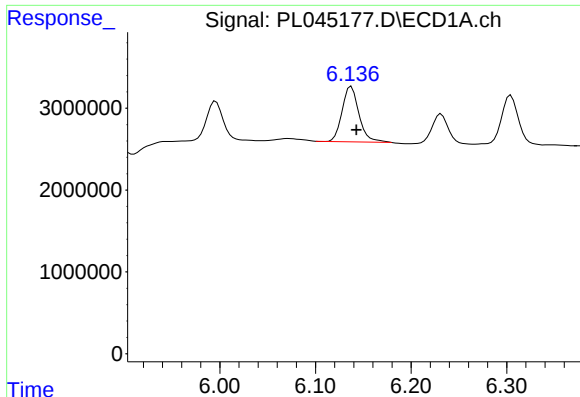
#26 Chlordane-4

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 8830348
Conc: 8.33 ng/ml



#26 Chlordane-4

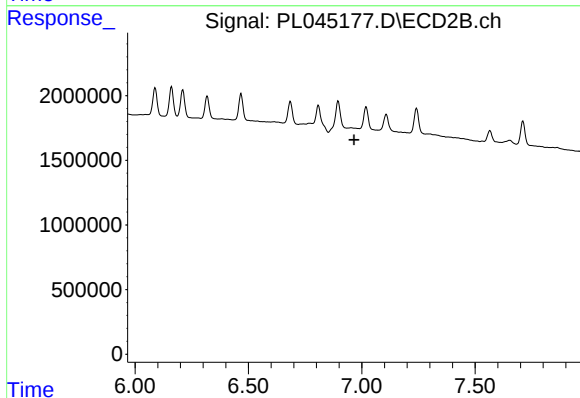
R.T.: 6.161 min
Delta R.T.: -0.001 min
Response: 2949138
Conc: 6.30 ng/ml



#27 Chlordane-5

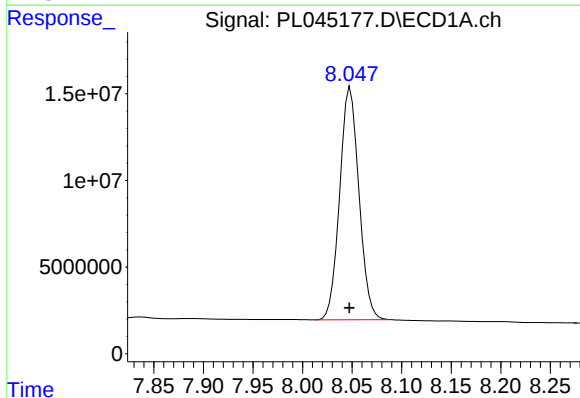
R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 8335042
Conc: 24.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



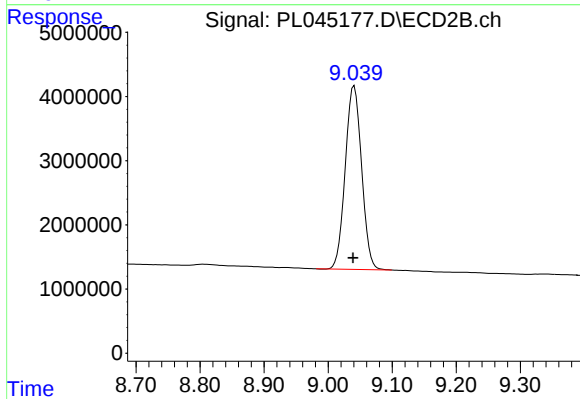
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.966 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.048 min
Delta R.T.: 0.000 min
Response: 181575147
Conc: 21.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.041 min
Delta R.T.: 0.002 min
Response: 50688388
Conc: 22.18 ng/ml