

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
 Data File : PL050498.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2019 23:27
 Operator : SM\AJ
 Sample : K3591-07
 Misc : LOD 1 PPB
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:37:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 18 04:12:31 2019
 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...	3.318	3.931	225.2E6	63793186	22.415	22.358
28)	SA Decachlor...	7.979	8.961	257.6E6	68041333	25.440	24.061
Target Compounds							
2)	A alpha-BHC	3.745	4.318	18837790	3623995	1.124	0.878
3)	MA gamma-BHC...	4.021	4.601	13386671	3404046	0.870	0.879
4)	MA Heptachlor	4.304	5.103	15273645	4861963	0.931	1.172 #
5)	MB Aldrin	4.543	5.405	16812697	3723464	1.085	0.988
6)	B beta-BHC	4.275	4.780	5946275	439299	0.907	0.254 #
7)	B delta-BHC	4.468	0.000	12694715	0	0.774	N.D. #
8)	B Heptachlor...	4.979	5.798	14058939	8696628	0.952	2.274 #
9)	A Endosulfan I	5.309	6.147	18013683	3623089	1.239	1.054
10)	B gamma-Chl...	5.201	6.026	22602604	3636696	1.432	0.984 #
11)	B alpha-Chl...	5.257	6.097	19497790	4000588	1.278	1.092
12)	B 4,4'-DDE	5.424	6.258	15803134	3622405	1.055	1.005
13)	MA Dieldrin	5.547	6.403	16373287	3387881	1.057	0.957
14)	MA Endrin	5.800	0.000	23585700	0	1.602	N.D. #
15)	B Endosulfa...	6.076	6.832	16671469	4239340	1.191	1.333
16)	A 4,4'-DDD	5.935	0.000	13429315	0	1.121	N.D. #
17)	MA 4,4'-DDT	6.169	0.000	10810213	0	0.873	N.D. #
18)	B Endrin al...	6.242	0.000	11812248	0	1.024	N.D. #
19)	B Endosulfa...	6.453	7.180	16247237	3313255	1.275	1.147
21)	B Endrin ke...	6.934	0.000	12327032	0	0.901	N.D. #
22)	Mirex	7.108	0.000	10825564	0	1.104	N.D. #
24)	Chlordane-2	0.000	5.405f	0	3723464	N.D.	31.702 #
25)	Chlordane-3	5.201	6.026	22602604	3636696	16.147	7.561 #
26)	Chlordane-4	5.257	6.097	19497790	4000588	14.782	6.887 #
27)	Chlordane-5	6.076	0.000	16671469	0	32.822	N.D. #

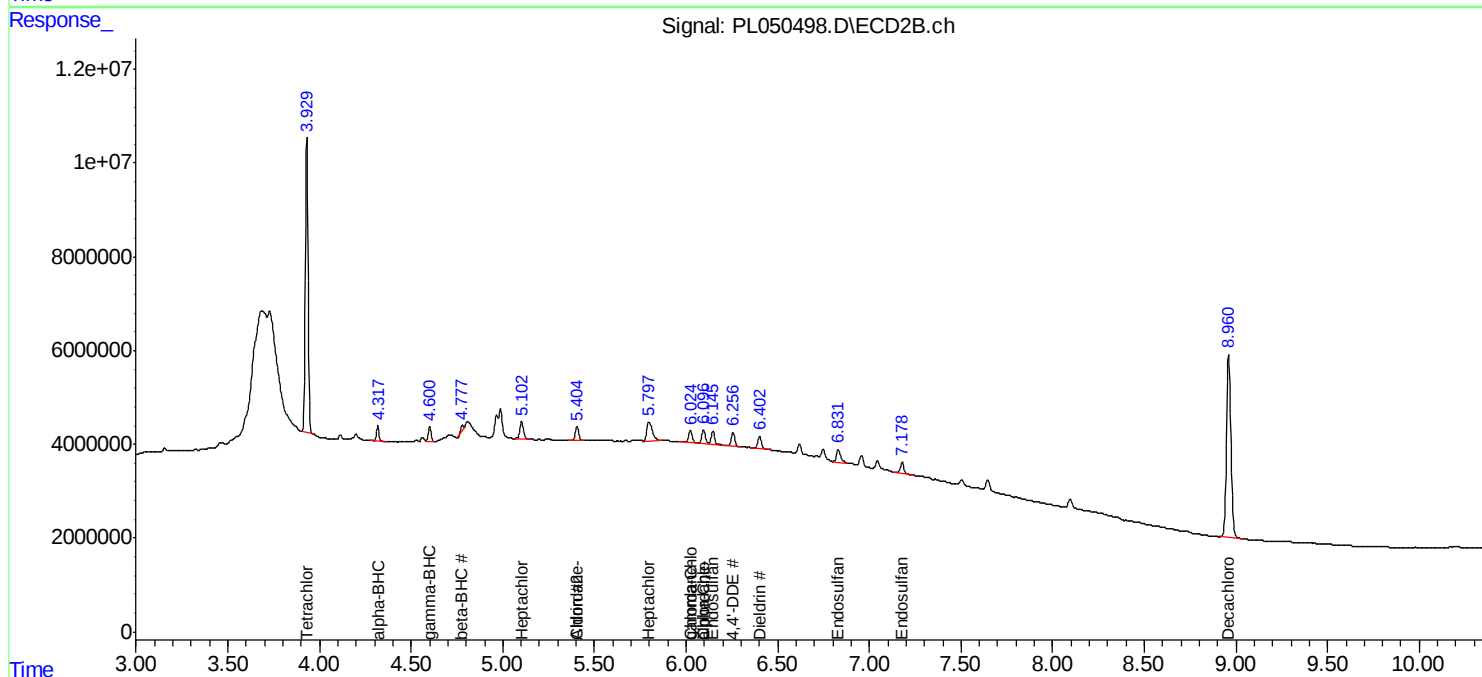
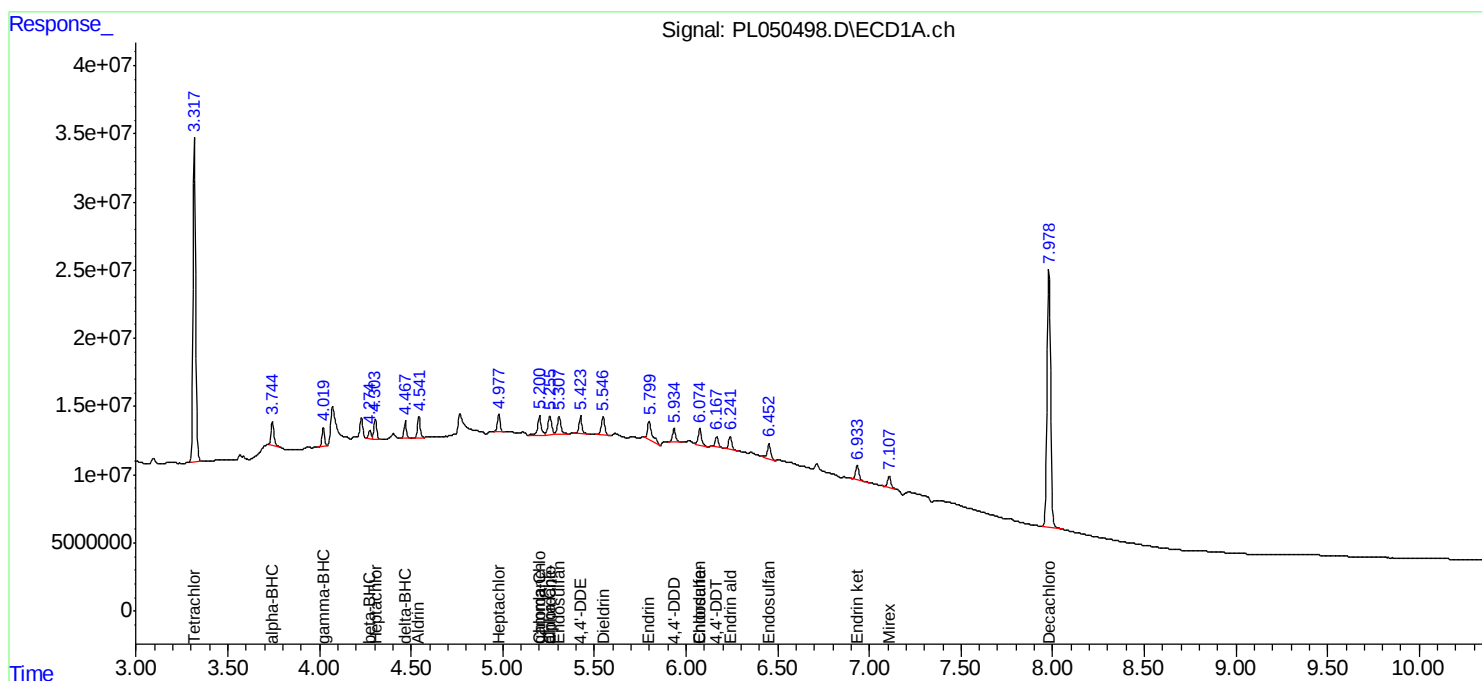
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

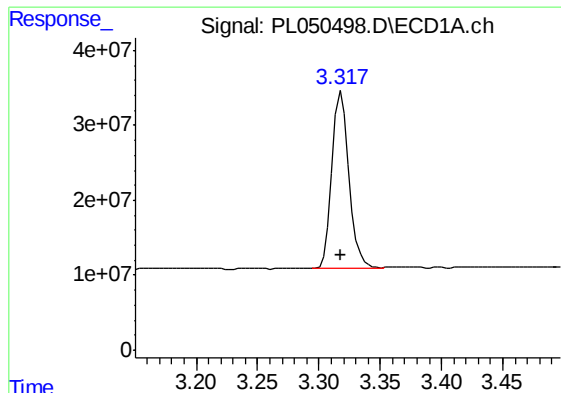
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
Data File : PL050498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2019 23:27
Operator : SM\AJ
Sample : K3591-07
Misc : LOD 1 PPB
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Integration File signal 1: autoint1.e
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Quant Time: Jul 18 06:37:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Thu Jul 18 04:12:31 2019
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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

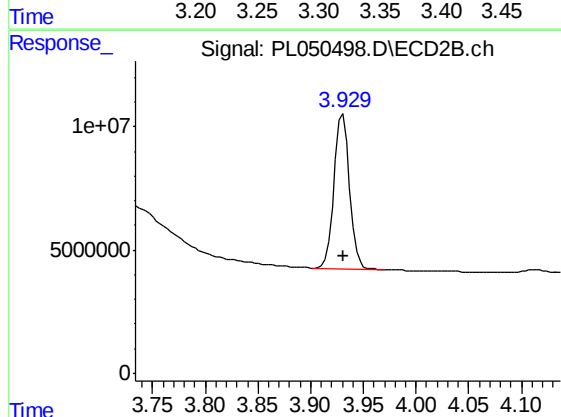




#1 Tetrachloro-m-xylene

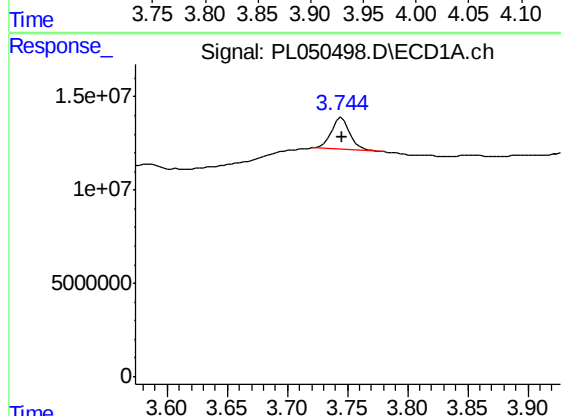
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 225226293
Conc: 22.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



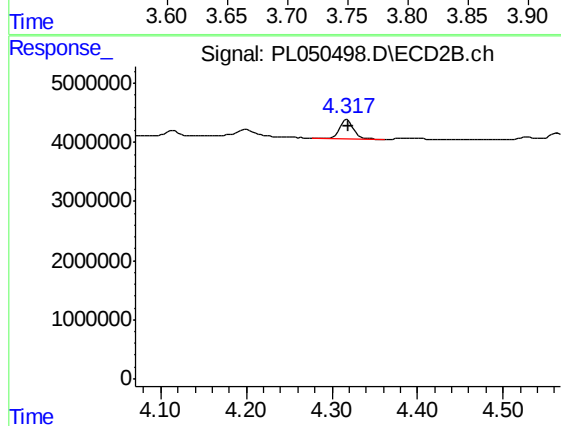
#1 Tetrachloro-m-xylene

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 63793186
Conc: 22.36 ng/ml



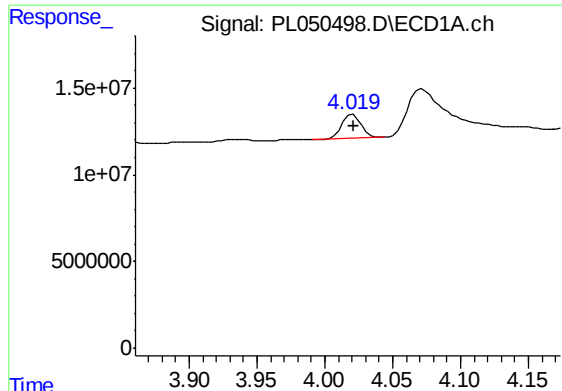
#2 alpha-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 18837790
Conc: 1.12 ng/ml



#2 alpha-BHC

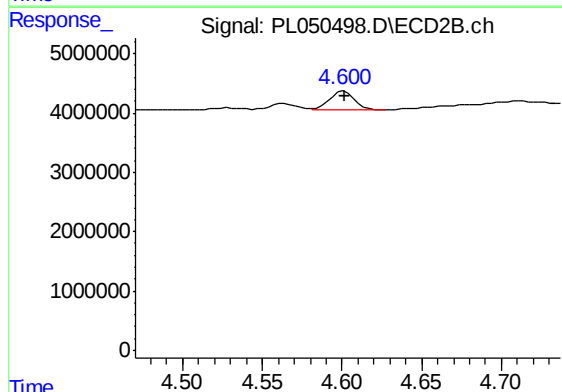
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 3623995
Conc: 0.88 ng/ml



#3 gamma-BHC (Lindane)

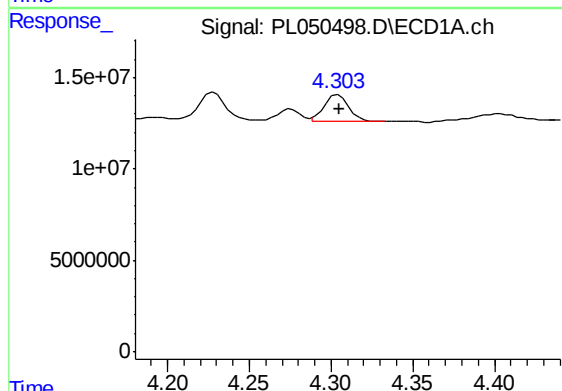
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 13386671
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



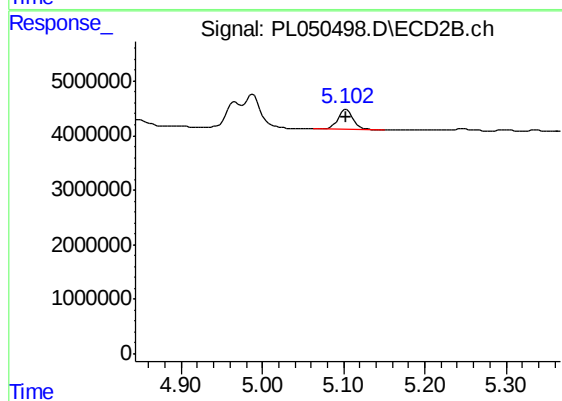
#3 gamma-BHC (Lindane)

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 3404046
Conc: 0.88 ng/ml



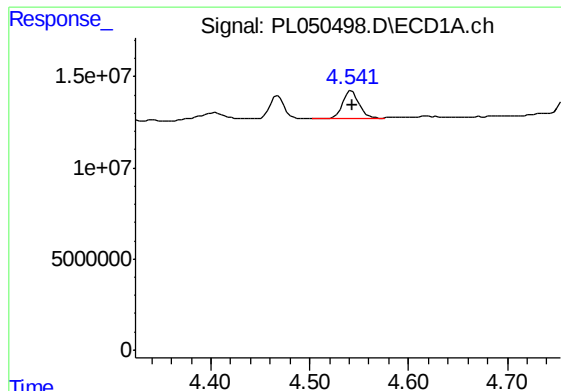
#4 Heptachlor

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 15273645
Conc: 0.93 ng/ml



#4 Heptachlor

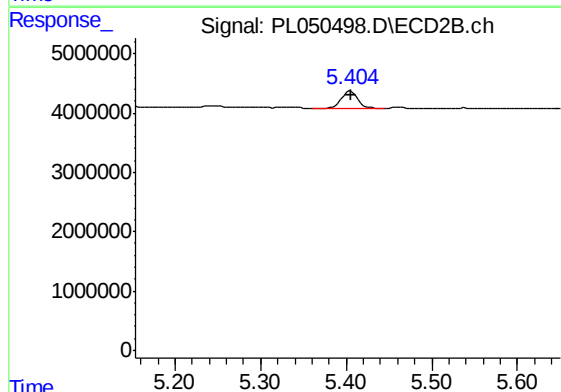
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 4861963
Conc: 1.17 ng/ml



#5 Aldrin

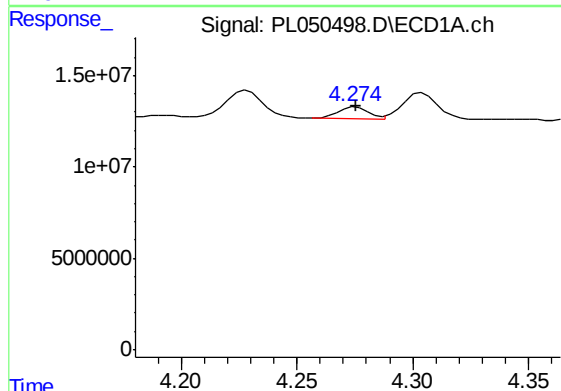
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 16812697
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



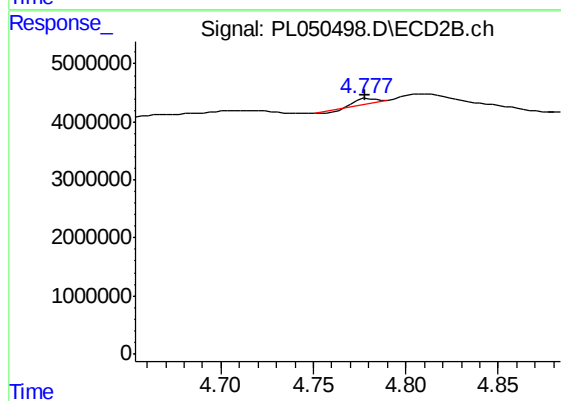
#5 Aldrin

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 3723464
Conc: 0.99 ng/ml



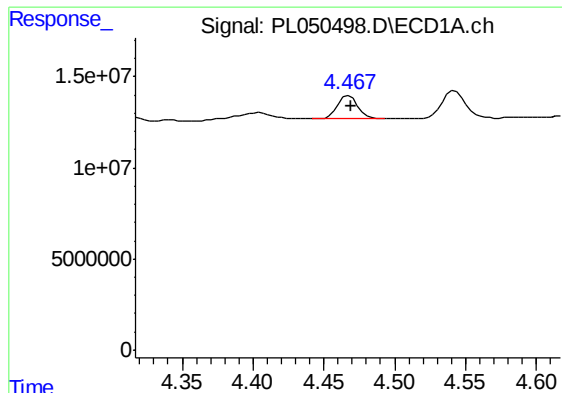
#6 beta-BHC

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 5946275
Conc: 0.91 ng/ml



#6 beta-BHC

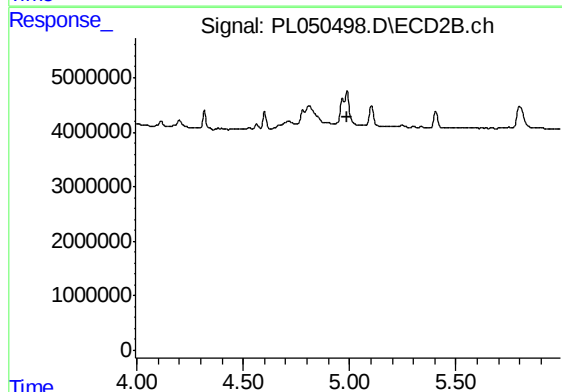
R.T.: 4.780 min
Delta R.T.: 0.002 min
Response: 439299
Conc: 0.25 ng/ml



#7 delta-BHC

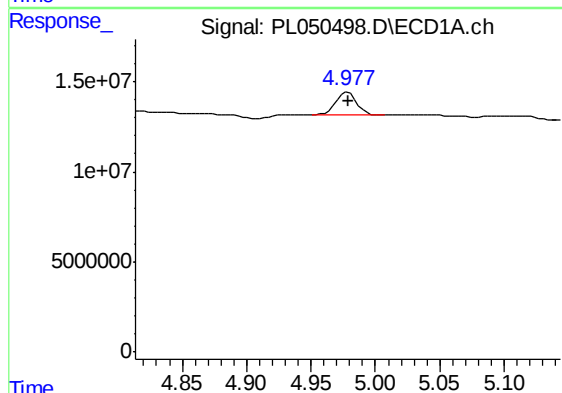
R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 12694715
Conc: 0.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



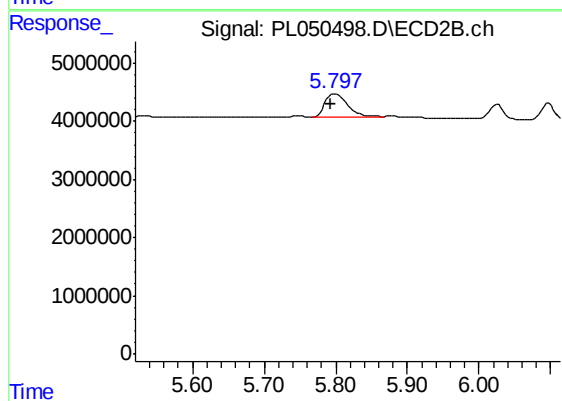
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.991 min
Response: 0
Conc: N.D.



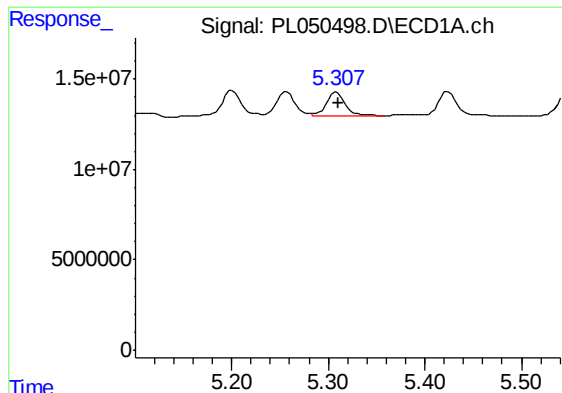
#8 Heptachlor epoxide

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 14058939
Conc: 0.95 ng/ml



#8 Heptachlor epoxide

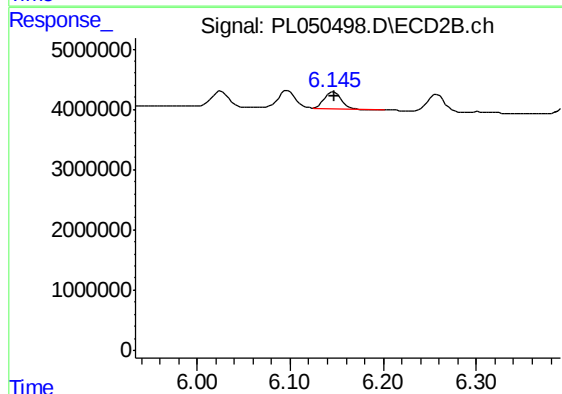
R.T.: 5.798 min
Delta R.T.: 0.006 min
Response: 8696628
Conc: 2.27 ng/ml



#9 Endosulfan I

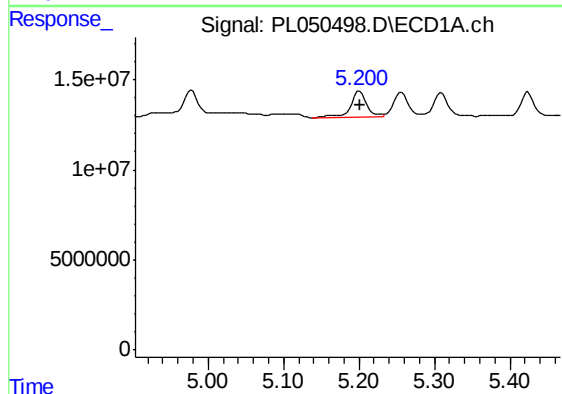
R.T.: 5.309 min
Delta R.T.: -0.001 min
Response: 18013683
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



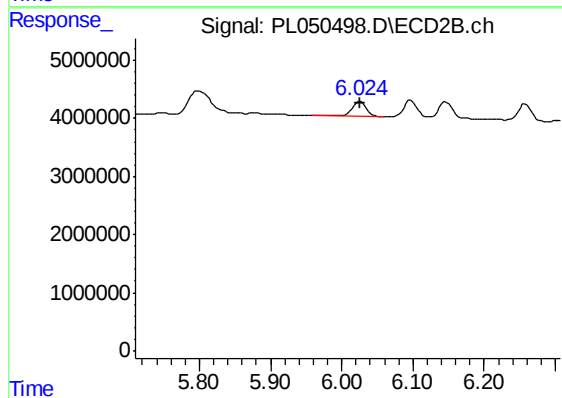
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 3623089
Conc: 1.05 ng/ml



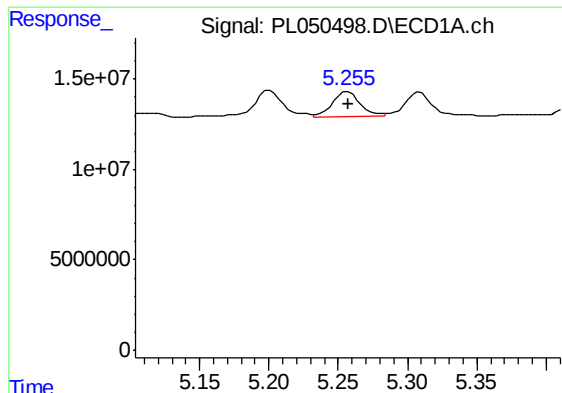
#10 gamma-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 22602604
Conc: 1.43 ng/ml



#10 gamma-Chlordane

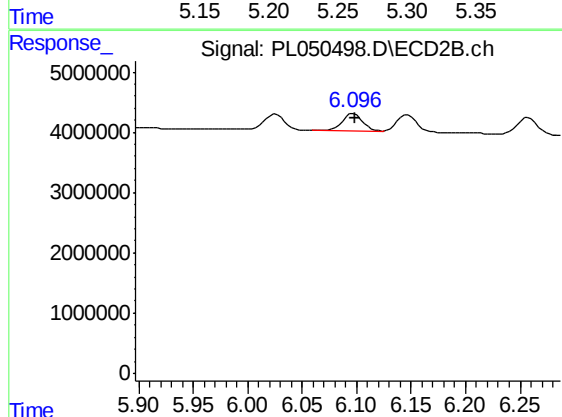
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 3636696
Conc: 0.98 ng/ml



#11 alpha-Chlordane

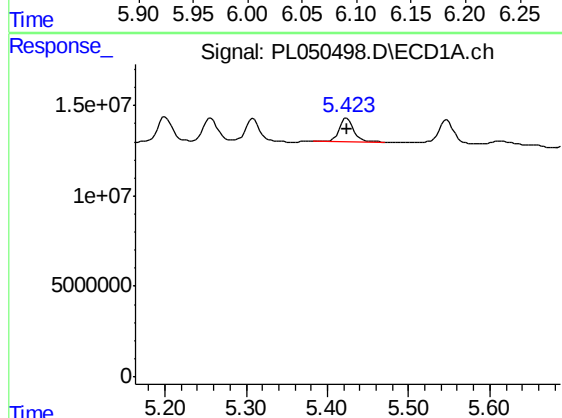
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 19497790
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



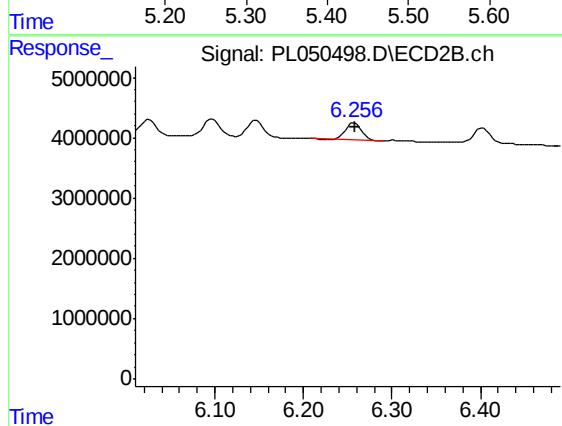
#11 alpha-Chlordane

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 4000588
Conc: 1.09 ng/ml



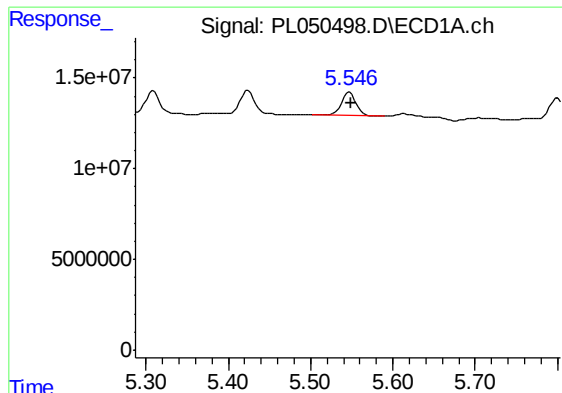
#12 4,4'-DDE

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 15803134
Conc: 1.05 ng/ml



#12 4,4'-DDE

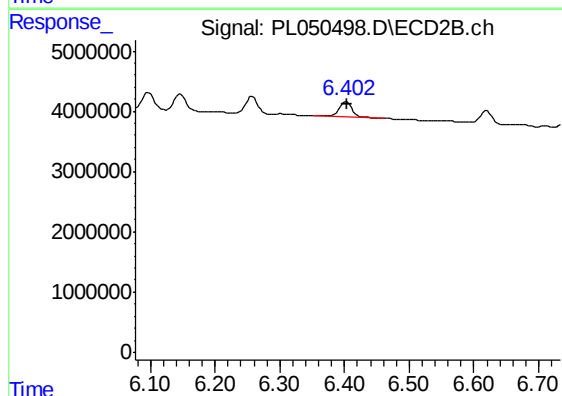
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 3622405
Conc: 1.01 ng/ml



#13 Dieldrin

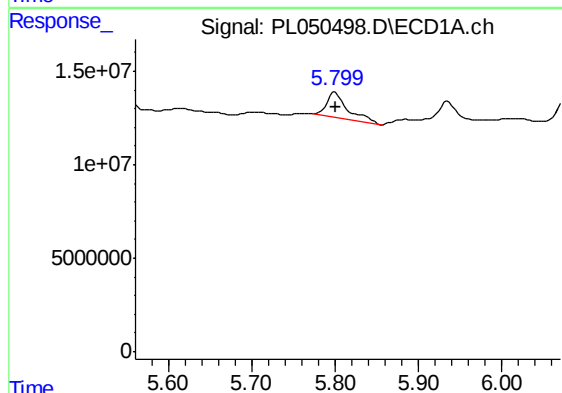
R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 16373287
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



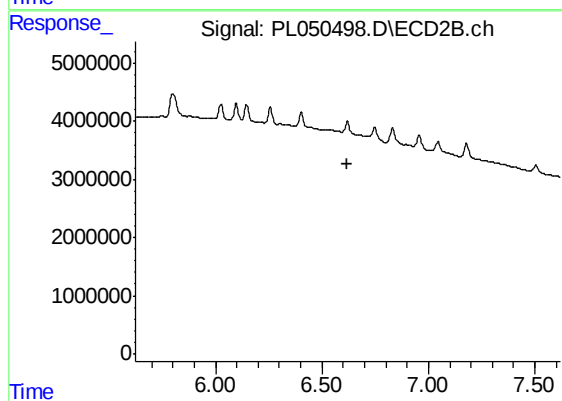
#13 Dieldrin

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 3387881
Conc: 0.96 ng/ml



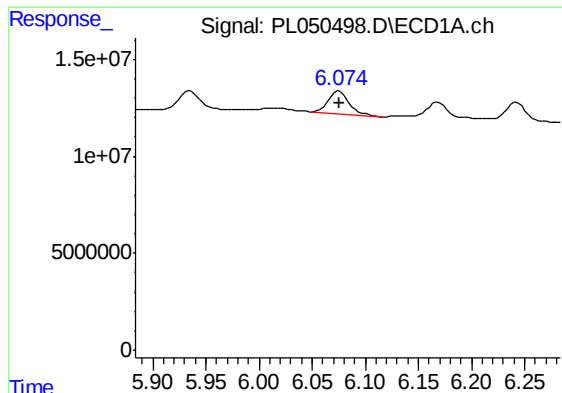
#14 Endrin

R.T.: 5.800 min
Delta R.T.: -0.001 min
Response: 23585700
Conc: 1.60 ng/ml



#14 Endrin

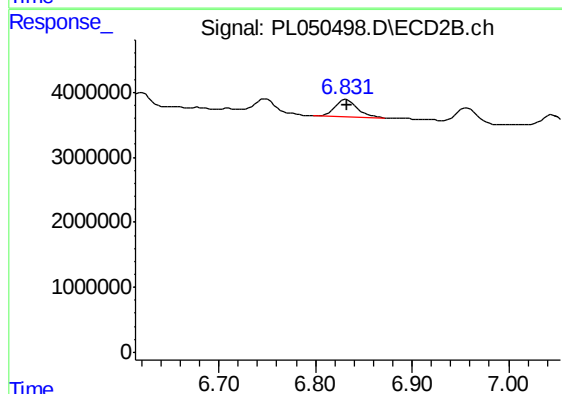
R.T.: 0.000 min
Exp R.T. : 6.621 min
Response: 0
Conc: N.D.



#15 Endosulfan II

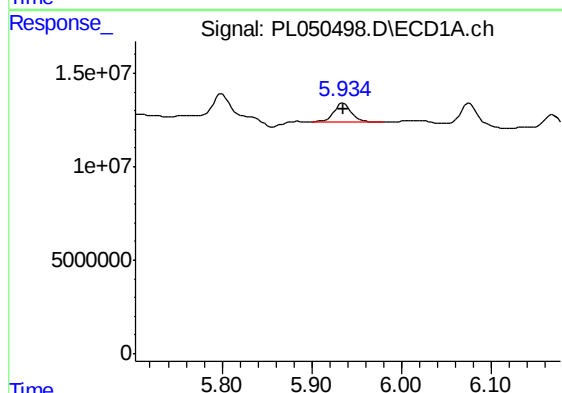
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 16671469
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



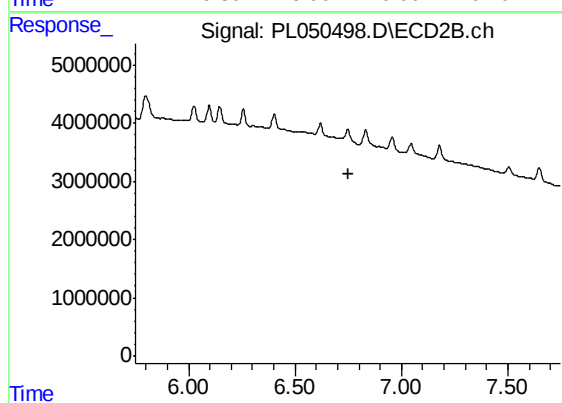
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 4239340
Conc: 1.33 ng/ml



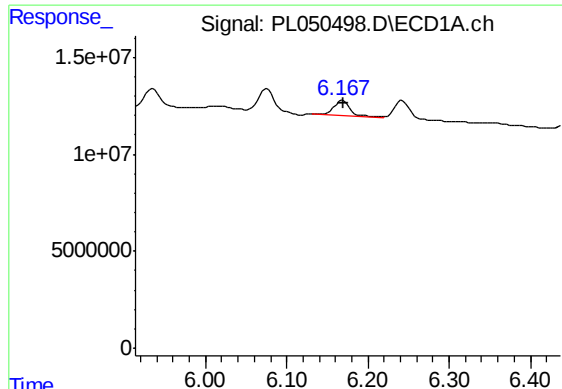
#16 4,4'-DDD

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 13429315
Conc: 1.12 ng/ml



#16 4,4'-DDD

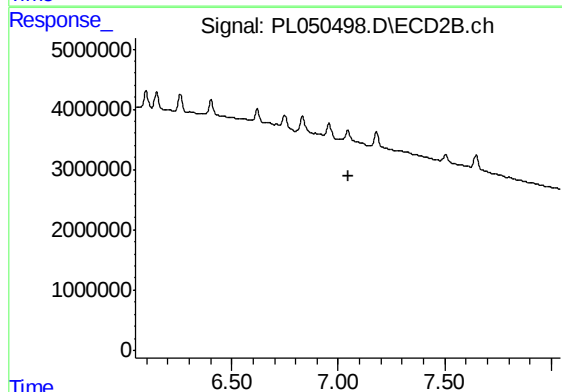
R.T.: 0.000 min
Exp R.T. : 6.749 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

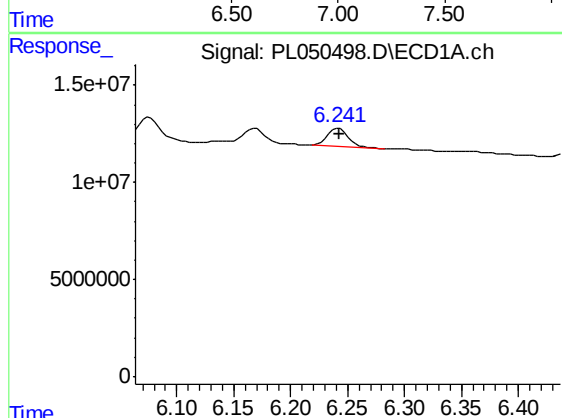
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 10810213
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



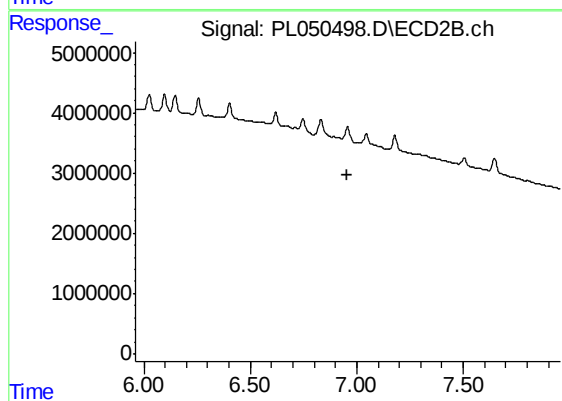
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.046 min
Response: 0
Conc: N.D.



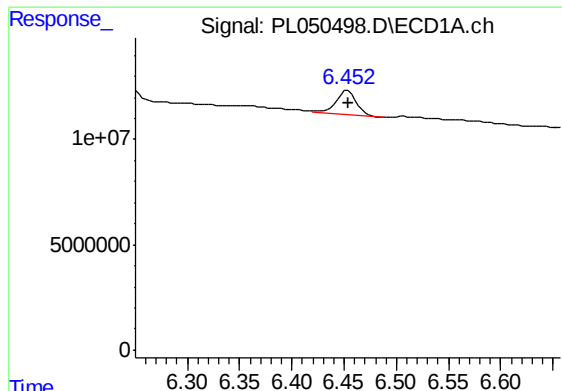
#18 Endrin aldehyde

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 11812248
Conc: 1.02 ng/ml



#18 Endrin aldehyde

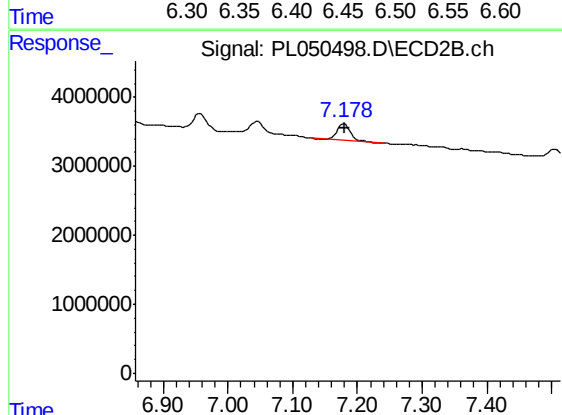
R.T.: 0.000 min
Exp R.T. : 6.957 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

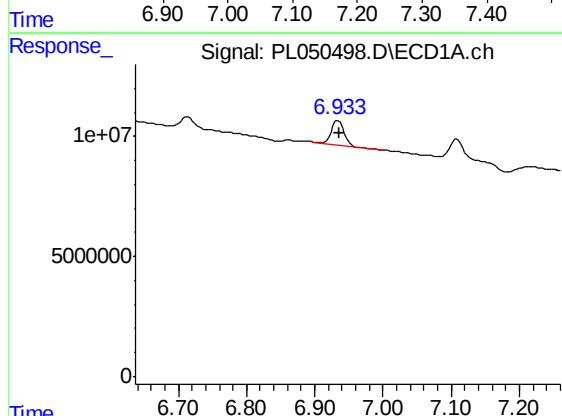
R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 16247237
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



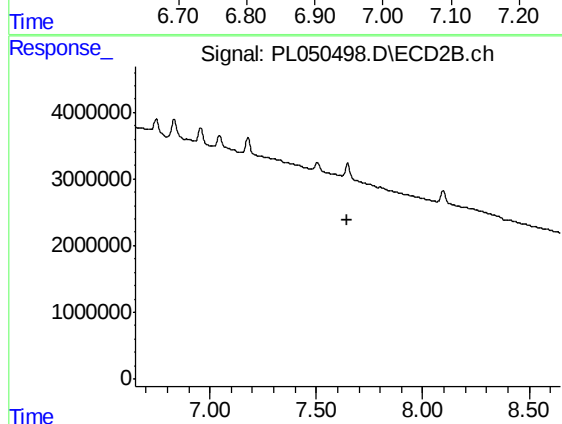
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 3313255
Conc: 1.15 ng/ml



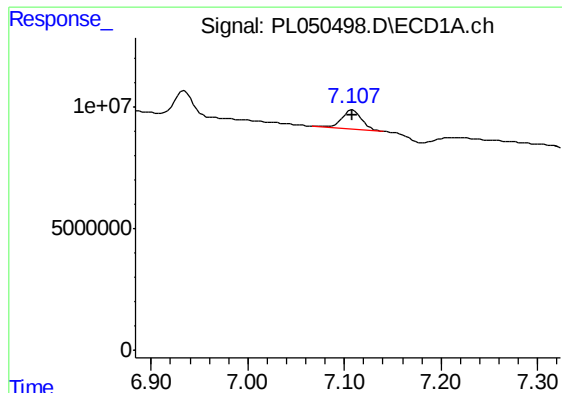
#21 Endrin ketone

R.T.: 6.934 min
Delta R.T.: -0.001 min
Response: 12327032
Conc: 0.90 ng/ml



#21 Endrin ketone

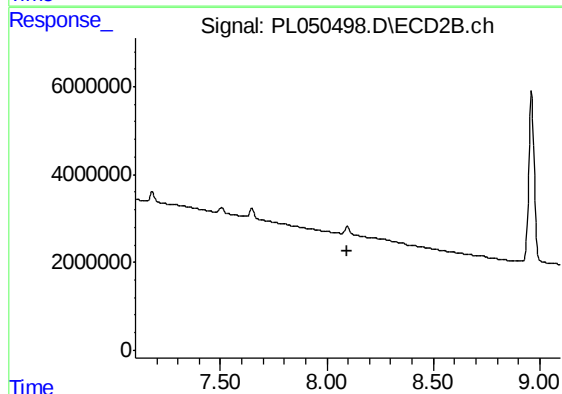
R.T.: 0.000 min
Exp R.T. : 7.648 min
Response: 0
Conc: N.D.



#22 Mirex

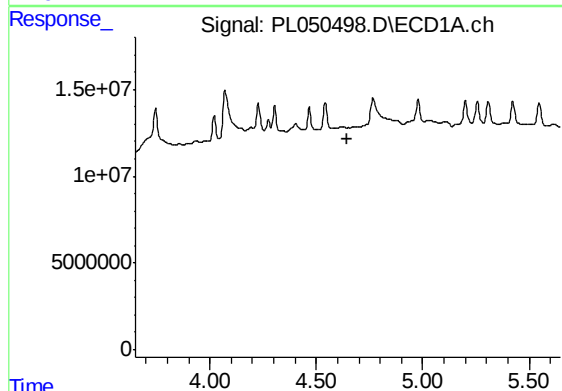
R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 10825564
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



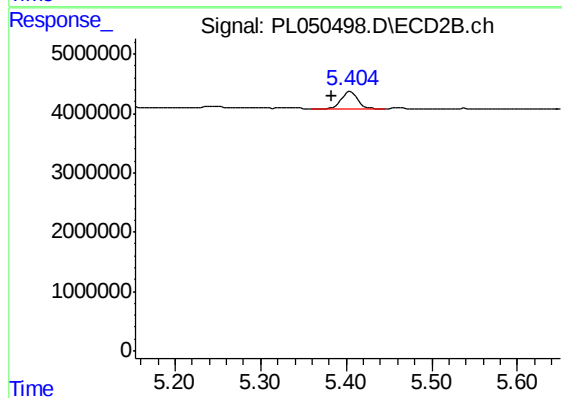
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.097 min
Response: 0
Conc: N.D.



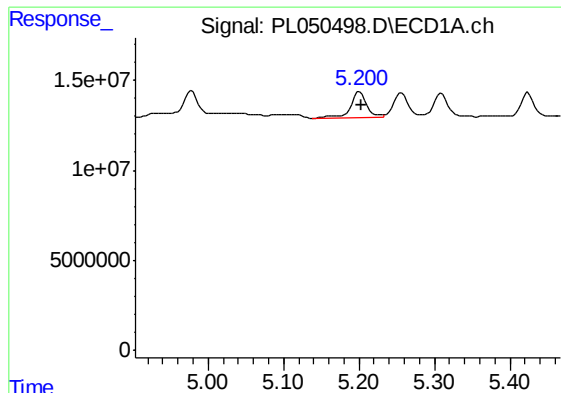
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.647 min
Response: 0
Conc: N.D.



#24 Chlordane-2

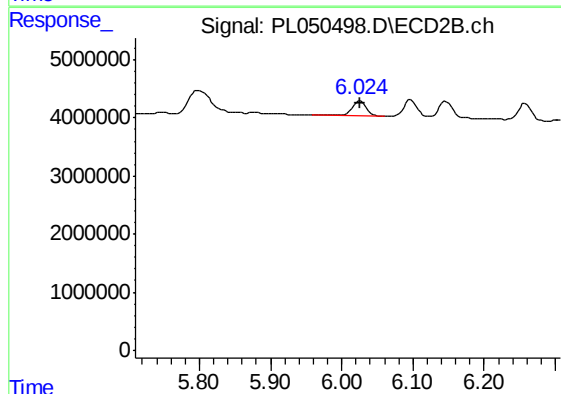
R.T.: 5.405 min
Delta R.T.: 0.022 min
Response: 3723464
Conc: 31.70 ng/ml



#25 Chlordane-3

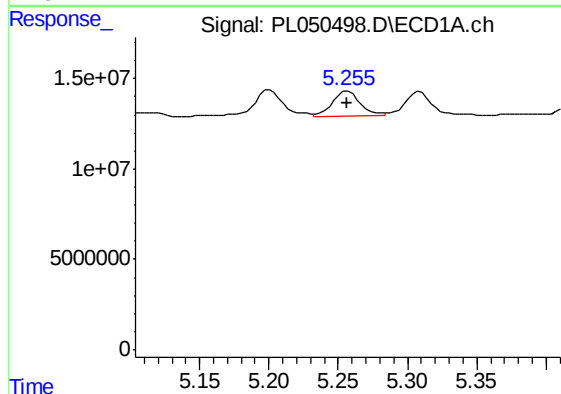
R.T.: 5.201 min
Delta R.T.: -0.002 min
Response: 22602604
Conc: 16.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



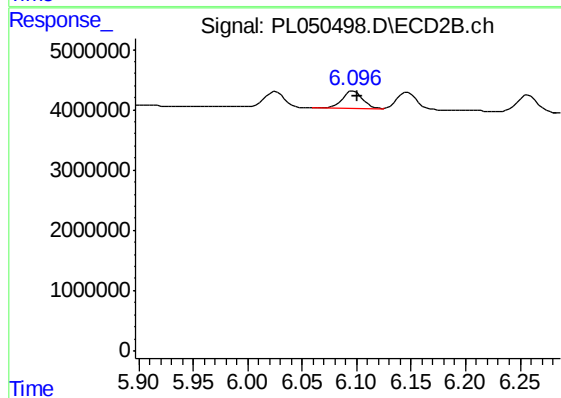
#25 Chlordane-3

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 3636696
Conc: 7.56 ng/ml



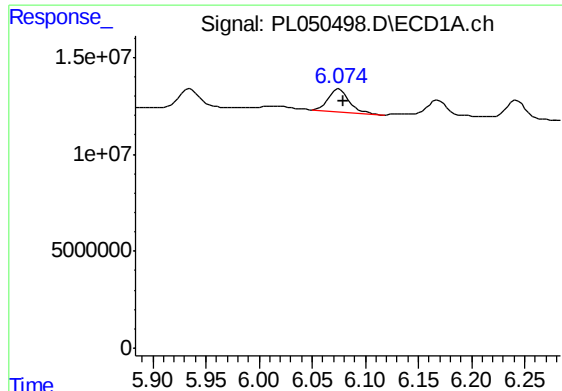
#26 Chlordane-4

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 19497790
Conc: 14.78 ng/ml



#26 Chlordane-4

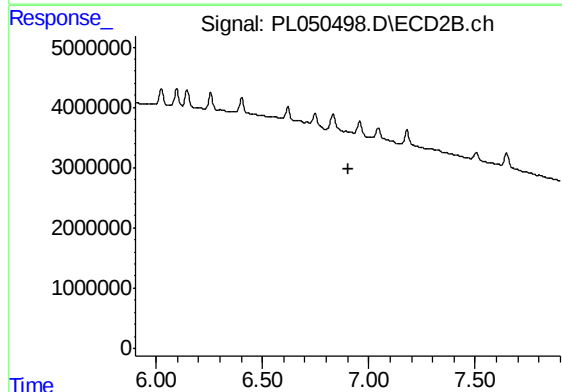
R.T.: 6.097 min
Delta R.T.: -0.003 min
Response: 4000588
Conc: 6.89 ng/ml



#27 Chlordane-5

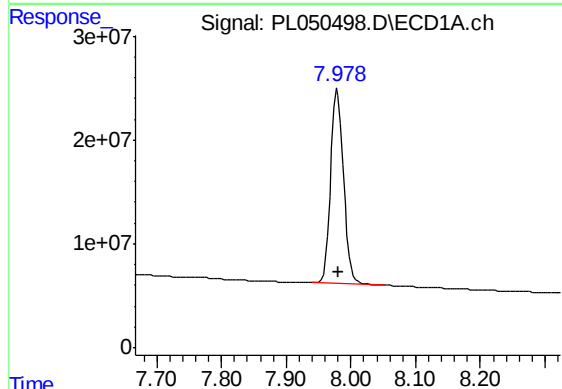
R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 16671469
Conc: 32.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



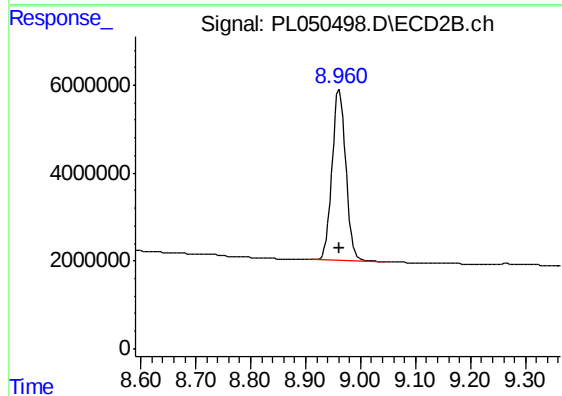
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.001 min
Response: 257587295
Conc: 25.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 68041333
Conc: 24.06 ng/ml