

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
 Data File : PL050500.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2019 23:56
 Operator : SM\AJ
 Sample : K3591-08
 Misc : LOQ 5 PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:38:42 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	3.930	214.9E6	60779493	21.385	21.302
28)	SA Decachlor...	7.980	8.961	250.6E6	66741307	24.747	23.601
Target Compounds							
2)	A alpha-BHC	3.745	4.318	80056481	17898053	4.777	4.338
3)	MA gamma-BHC...	4.021	4.601	73108822	17776963	4.753	4.590
4)	MA Heptachlor	4.304	5.103	82514653	20963420	5.029	5.055
5)	MB Aldrin	4.543	5.405	77450443	18291505	5.000	4.854
6)	B beta-BHC	4.276	4.778	33753029	7128951	5.149	4.124
7)	B delta-BHC	4.468	4.990	71333604	18380172	4.347	4.752
8)	B Heptachlor...	4.979	5.792	75474059	23213085	5.109	6.069
9)	A Endosulfan I	5.309	6.147	77607943	17136305	5.336	4.983
10)	B gamma-Chl...	5.201	6.026	89896020	18346981	5.696	4.965
11)	B alpha-Chl...	5.257	6.097	83396180	18604177	5.466	5.076
12)	B 4,4'-DDE	5.425	6.258	78486453	17905554	5.237	4.969
13)	MA Dieldrin	5.548	6.403	78160542	17720010	5.044	5.004
14)	MA Endrin	5.801	6.620	86044016	14923020	5.845	4.812
15)	B Endosulfa...	6.076	6.832	71884070	16871179	5.136	5.307
16)	A 4,4'-DDD	5.935	6.748	61080878	13594489	5.097	5.105
17)	MA 4,4'-DDT	6.169	7.045	57548614	13079325	4.646	4.845
18)	B Endrin al...	6.243	6.957	59432603	13781924	5.152	5.071
19)	B Endosulfa...	6.454	7.180	66165217	15942129	5.194	5.520
20)	A Methoxychlor	6.715	7.506	32859621	8637730	5.267	5.887
21)	B Endrin ke...	6.936	7.648	69446195	15852021	5.077	5.483
22)	Mirex	7.109	8.097	52732792	13506758	5.379	5.880
24)	Chlordane-2	0.000	5.405f	0	18291505	N.D.	155.735 #
25)	Chlordane-3	5.201	6.026	89896020	18346981	64.221	38.145 #
26)	Chlordane-4	5.257	6.097	83396180	18604177	63.228	32.025 #
27)	Chlordane-5	6.076	0.000	71884070	0	141.522	N.D. #

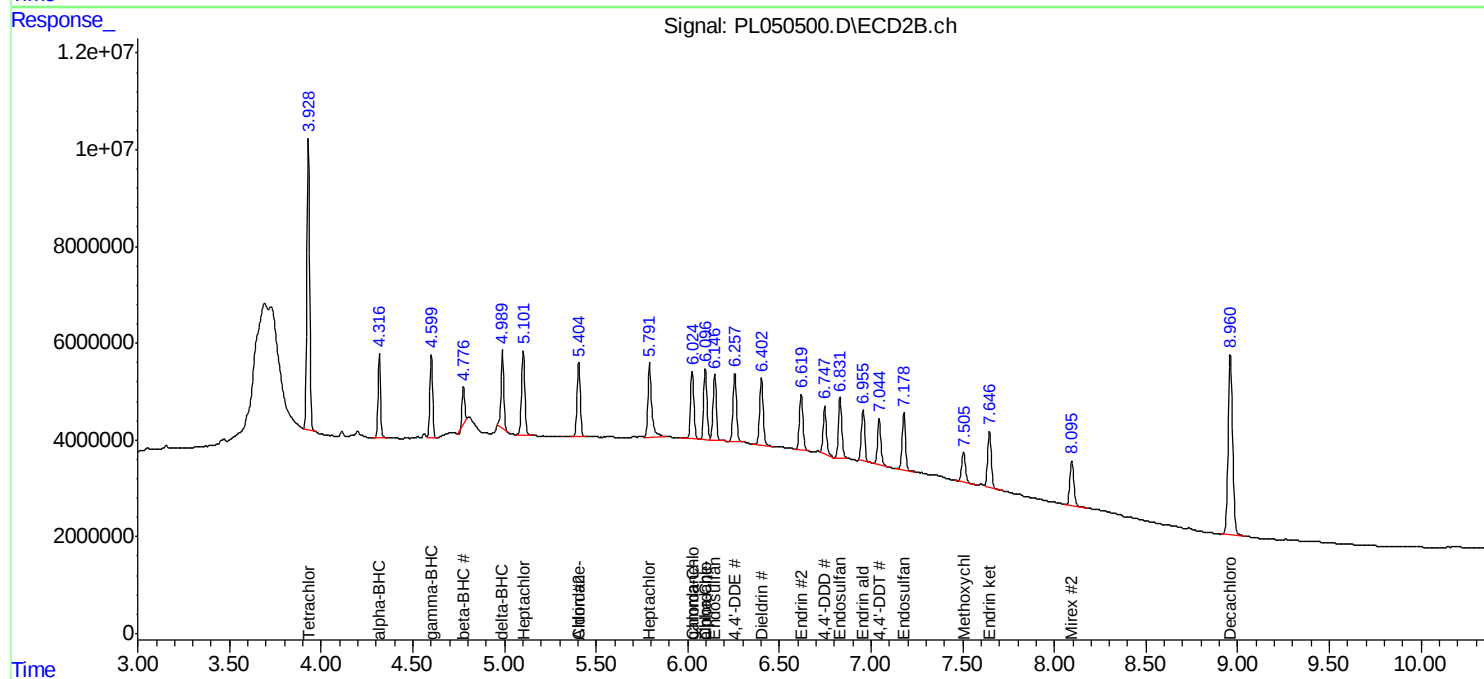
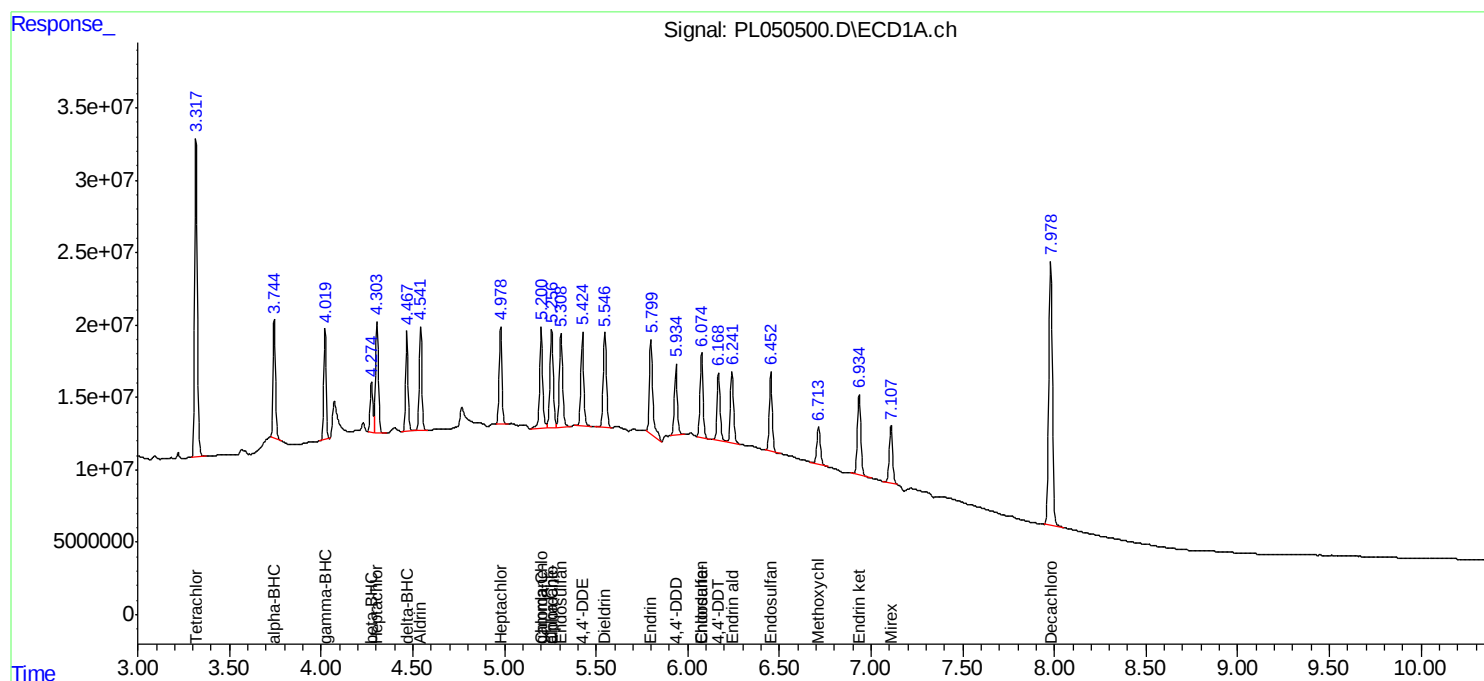
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

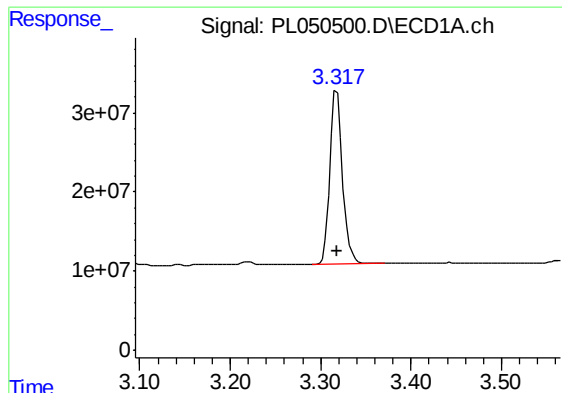
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
Data File : PL050500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2019 23:56
Operator : SM\AJ
Sample : K3591-08
Misc : LOQ 5 PPB
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019

Integration File signal 1: autoint1.e
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Quant Time: Jul 18 06:38:42 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

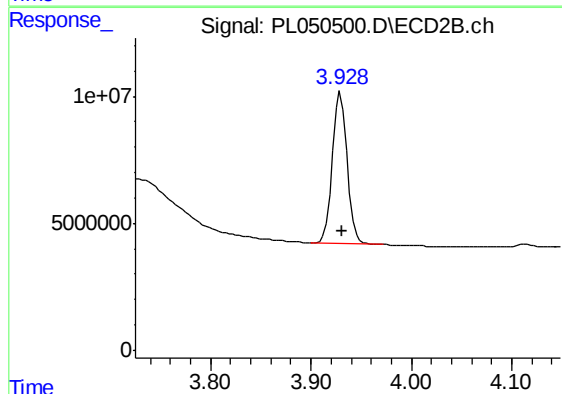




#1 Tetrachloro-m-xylene

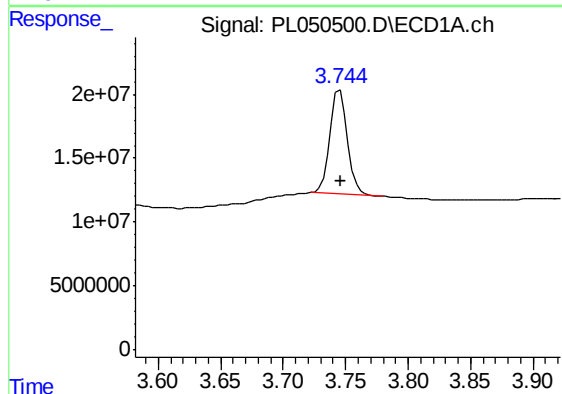
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 214872993
Conc: 21.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



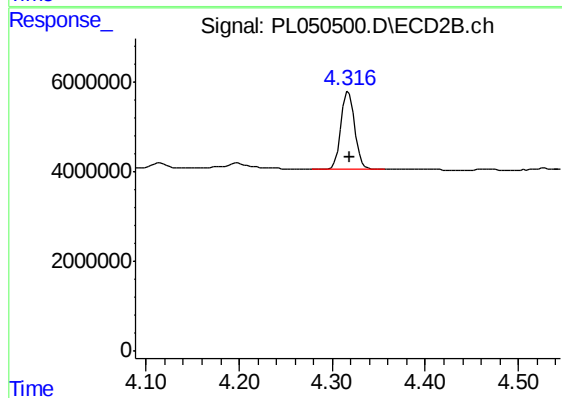
#1 Tetrachloro-m-xylene

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 60779493
Conc: 21.30 ng/ml



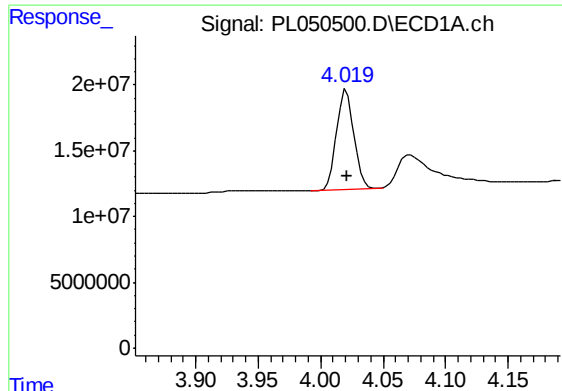
#2 alpha-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 80056481
Conc: 4.78 ng/ml



#2 alpha-BHC

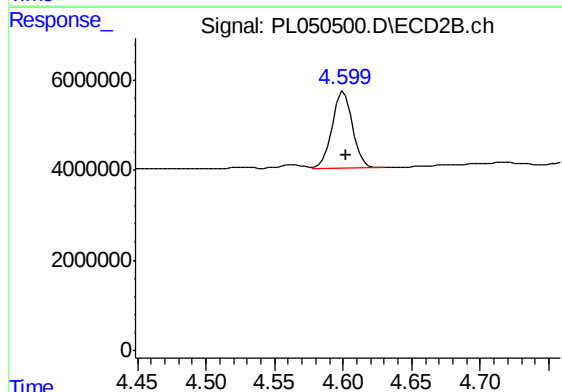
R.T.: 4.318 min
Delta R.T.: -0.001 min
Response: 17898053
Conc: 4.34 ng/ml



#3 gamma-BHC (Lindane)

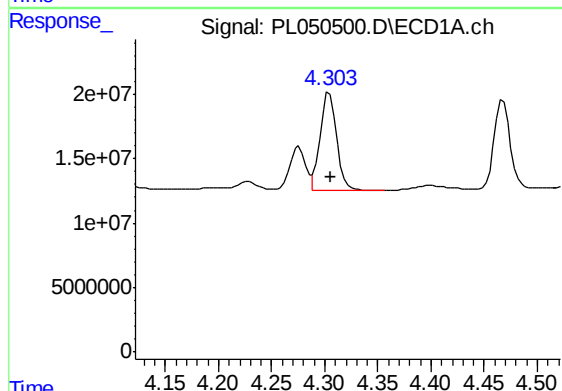
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 73108822
Conc: 4.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



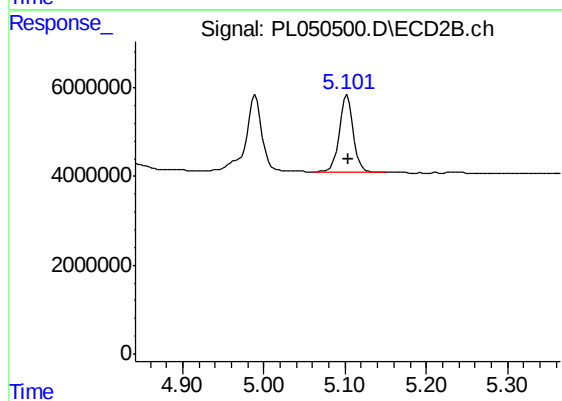
#3 gamma-BHC (Lindane)

R.T.: 4.601 min
Delta R.T.: -0.001 min
Response: 17776963
Conc: 4.59 ng/ml



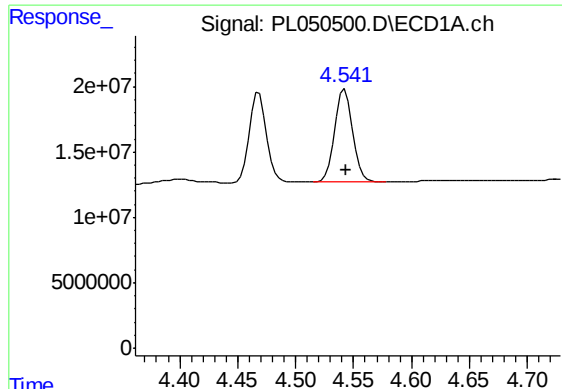
#4 Heptachlor

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 82514653
Conc: 5.03 ng/ml



#4 Heptachlor

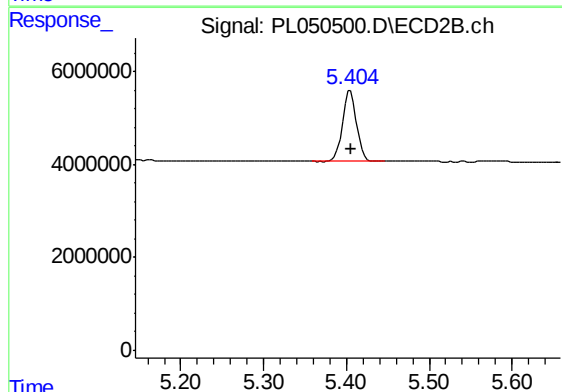
R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 20963420
Conc: 5.06 ng/ml



#5 Aldrin

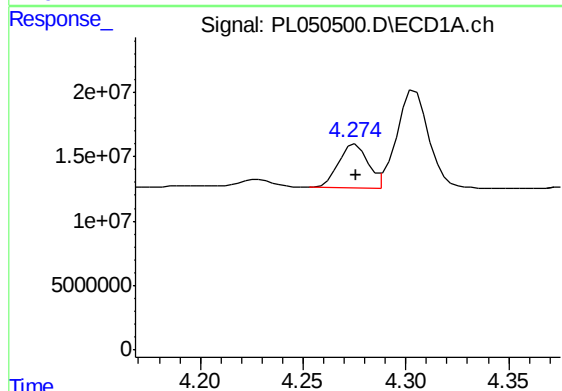
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 77450443
Conc: 5.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



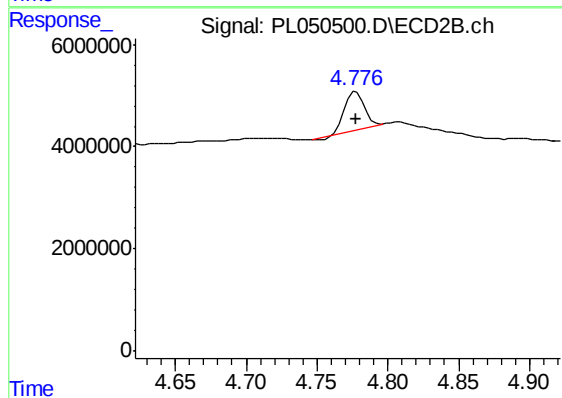
#5 Aldrin

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 18291505
Conc: 4.85 ng/ml



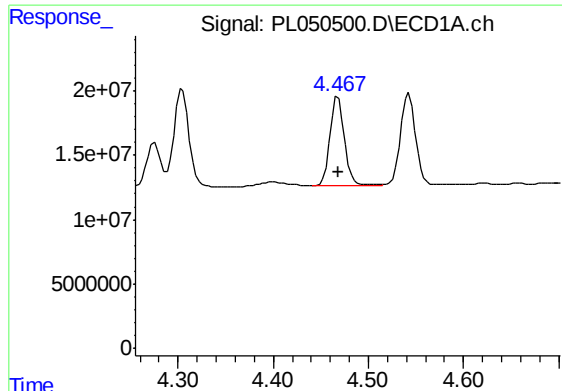
#6 beta-BHC

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 33753029
Conc: 5.15 ng/ml



#6 beta-BHC

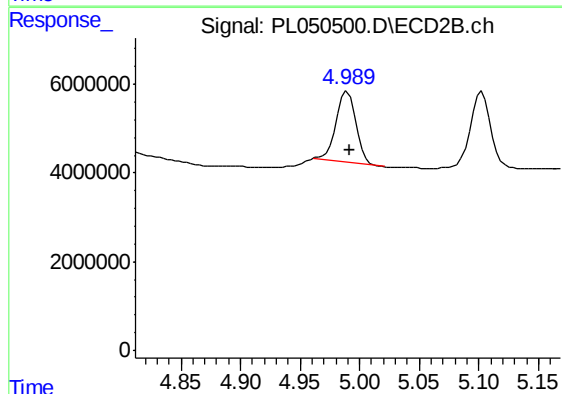
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 7128951
Conc: 4.12 ng/ml



#7 delta-BHC

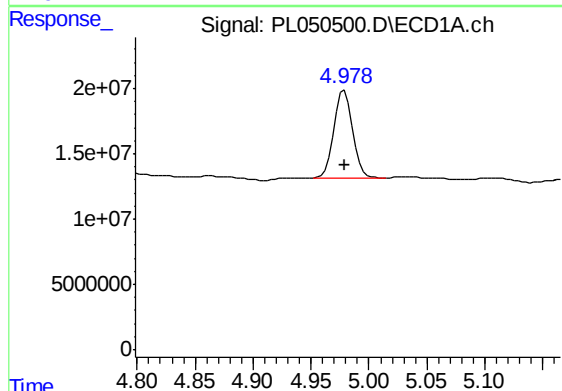
R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 71333604
Conc: 4.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



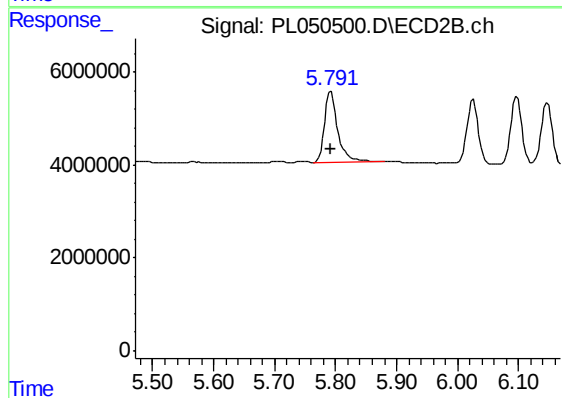
#7 delta-BHC

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 18380172
Conc: 4.75 ng/ml



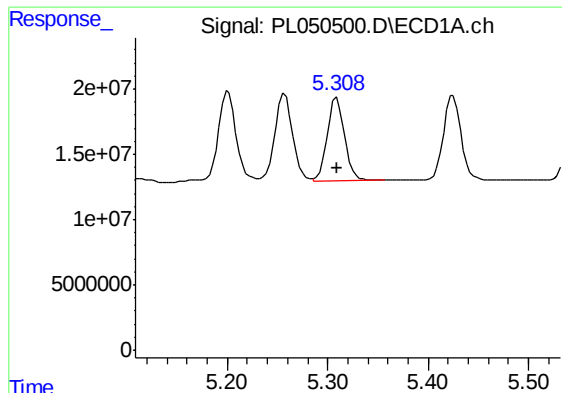
#8 Heptachlor epoxide

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 75474059
Conc: 5.11 ng/ml



#8 Heptachlor epoxide

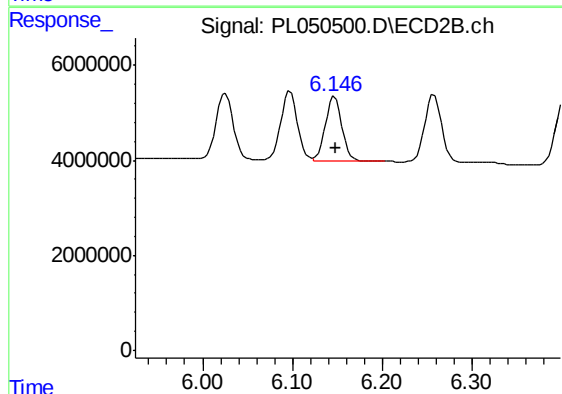
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 23213085
Conc: 6.07 ng/ml



#9 Endosulfan I

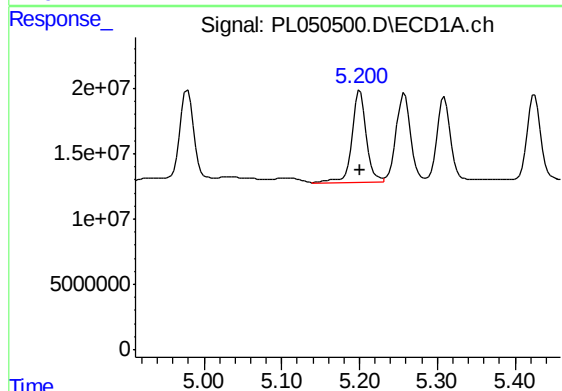
R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 77607943
Conc: 5.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



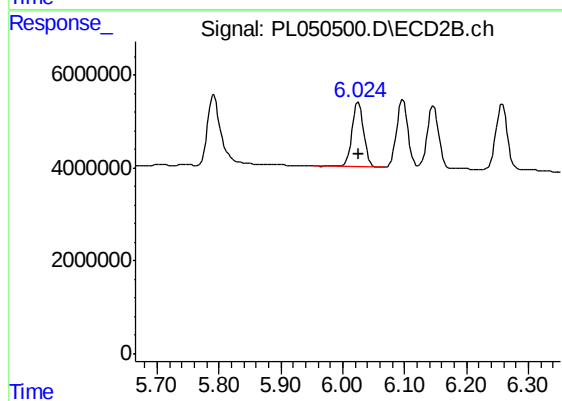
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 17136305
Conc: 4.98 ng/ml



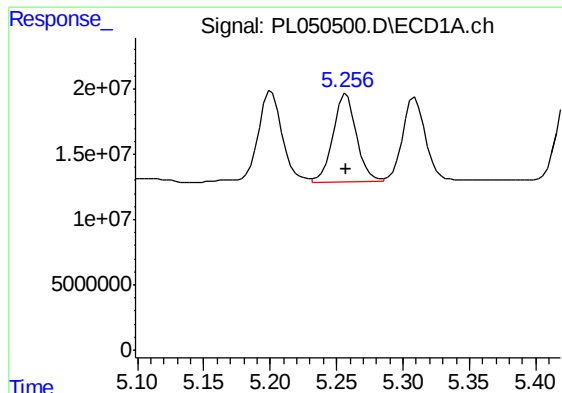
#10 gamma-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 89896020
Conc: 5.70 ng/ml



#10 gamma-Chlordane

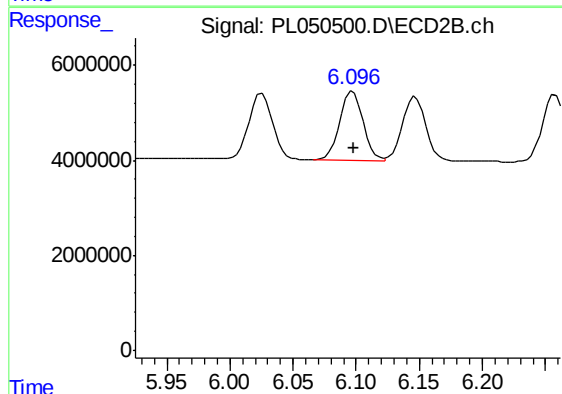
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 18346981
Conc: 4.96 ng/ml



#11 alpha-Chlordane

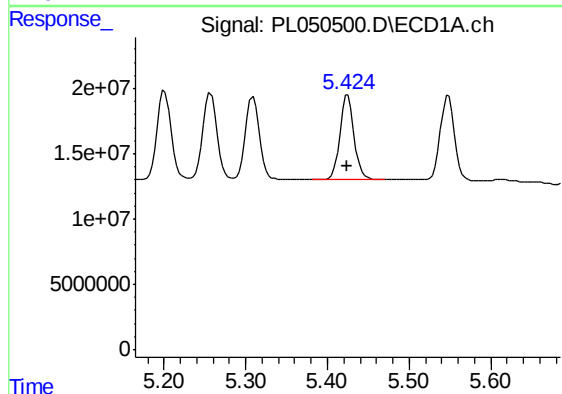
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 83396180
Conc: 5.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



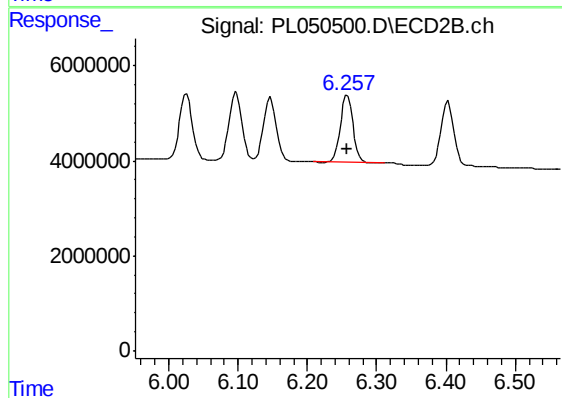
#11 alpha-Chlordane

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 18604177
Conc: 5.08 ng/ml



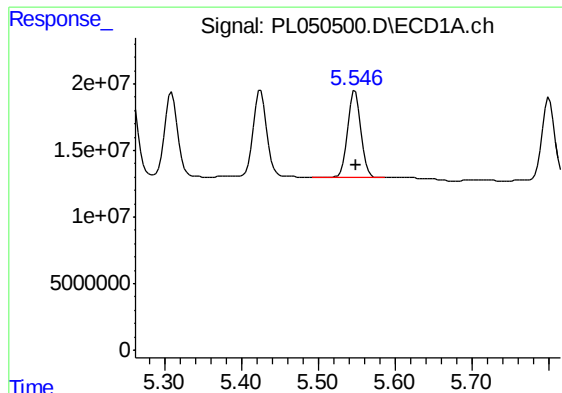
#12 4,4'-DDE

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 78486453
Conc: 5.24 ng/ml



#12 4,4'-DDE

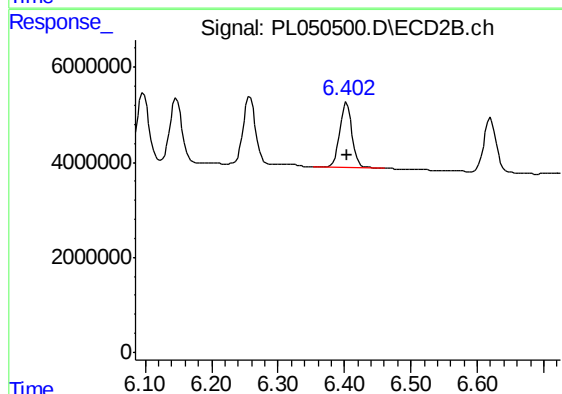
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 17905554
Conc: 4.97 ng/ml



#13 Dieldrin

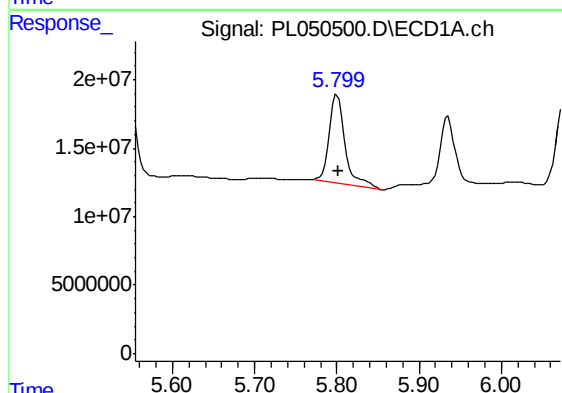
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 78160542
Conc: 5.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



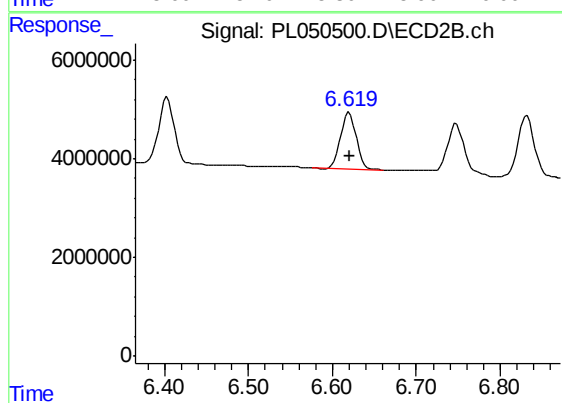
#13 Dieldrin

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 17720010
Conc: 5.00 ng/ml



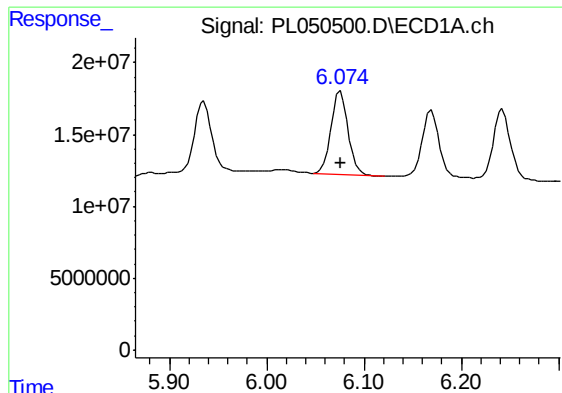
#14 Endrin

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 86044016
Conc: 5.85 ng/ml



#14 Endrin

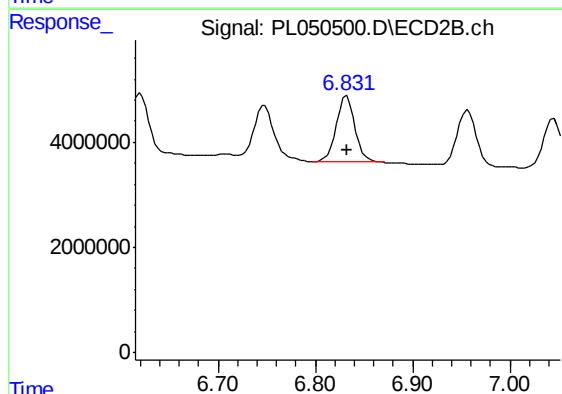
R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 14923020
Conc: 4.81 ng/ml



#15 Endosulfan II

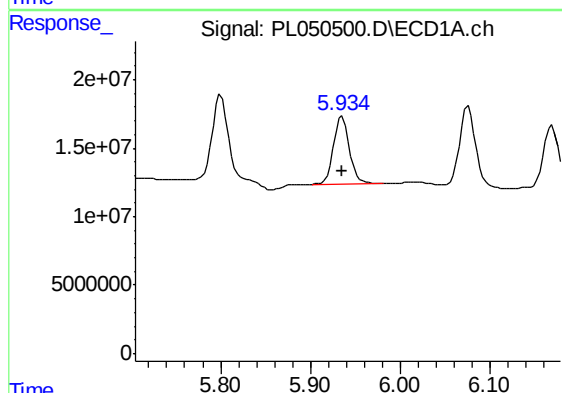
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 71884070
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



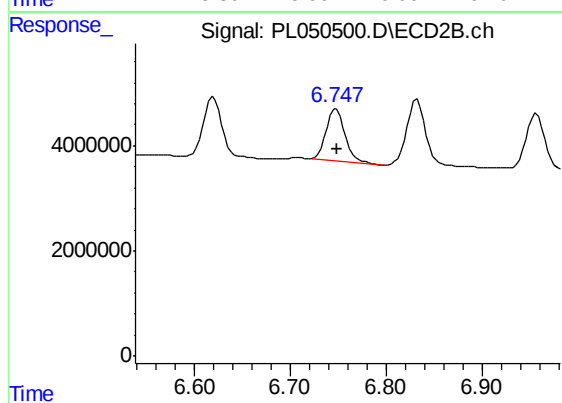
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 16871179
Conc: 5.31 ng/ml



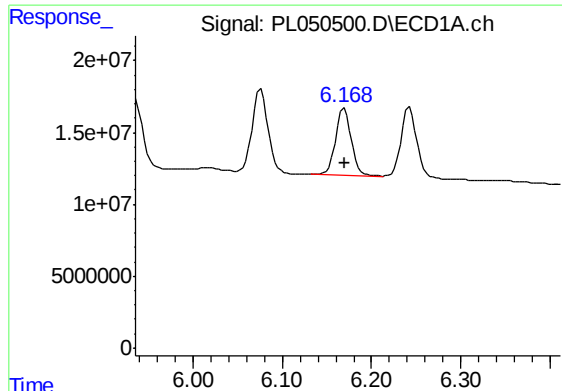
#16 4,4'-DDD

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 61080878
Conc: 5.10 ng/ml



#16 4,4'-DDD

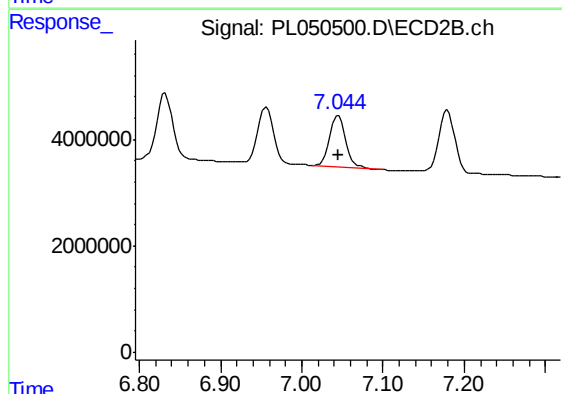
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 13594489
Conc: 5.11 ng/ml



#17 4,4'-DDT

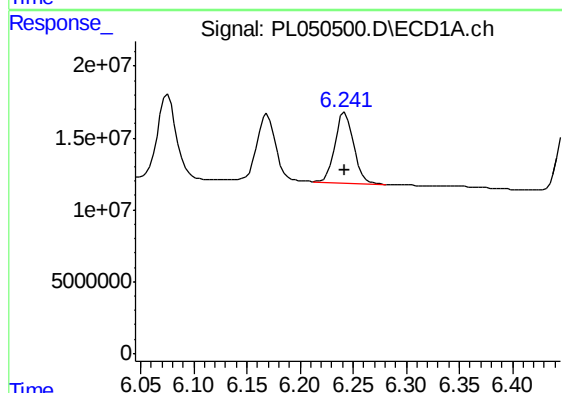
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 57548614
Conc: 4.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



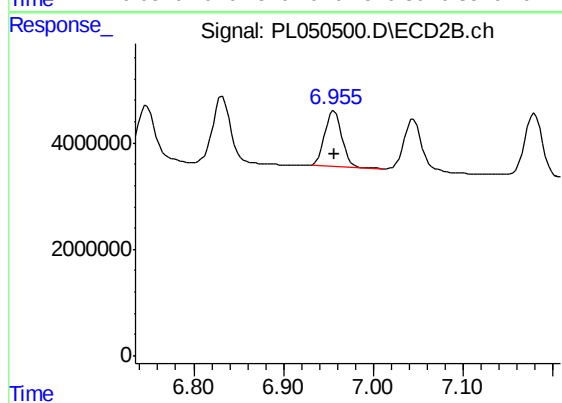
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 13079325
Conc: 4.84 ng/ml



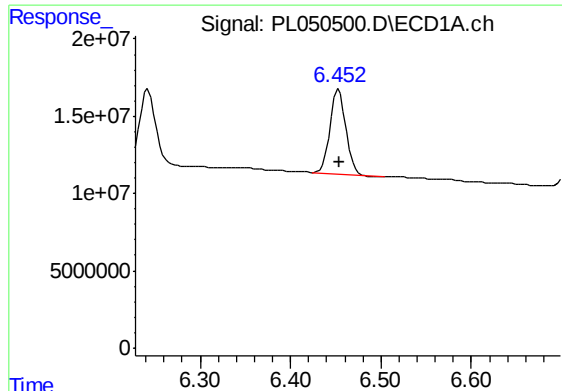
#18 Endrin aldehyde

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 59432603
Conc: 5.15 ng/ml



#18 Endrin aldehyde

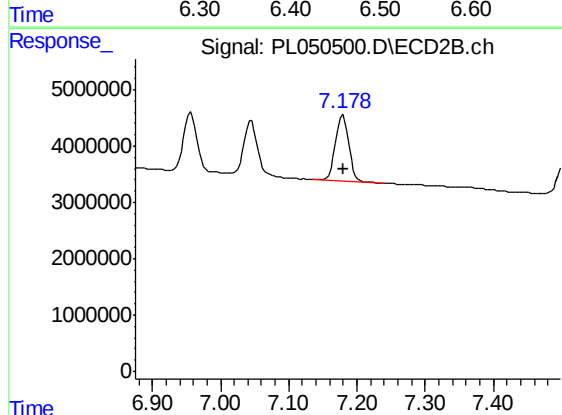
R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 13781924
Conc: 5.07 ng/ml



#19 Endosulfan Sulfate

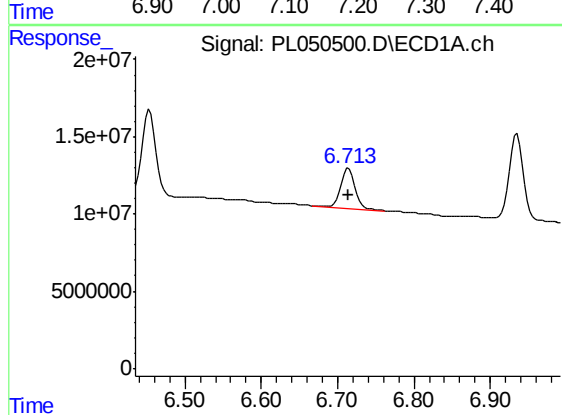
R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 66165217
Conc: 5.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



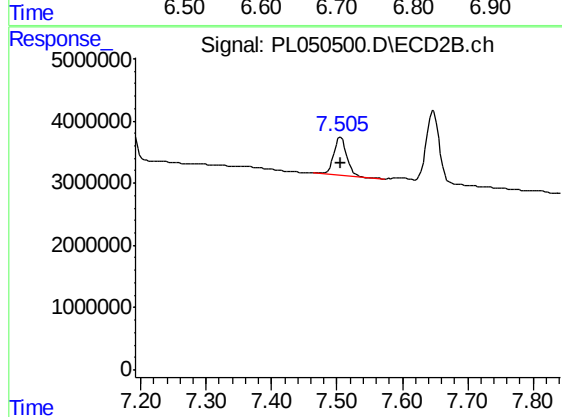
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 15942129
Conc: 5.52 ng/ml



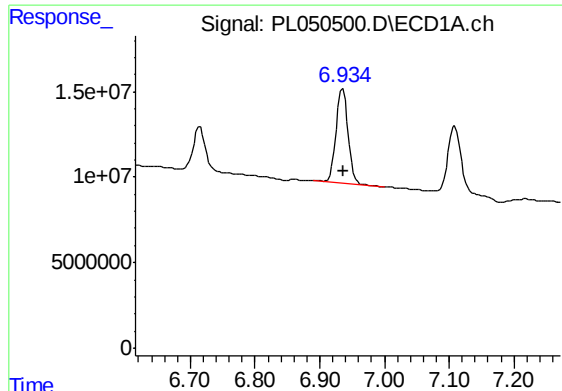
#20 Methoxychlor

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 32859621
Conc: 5.27 ng/ml



#20 Methoxychlor

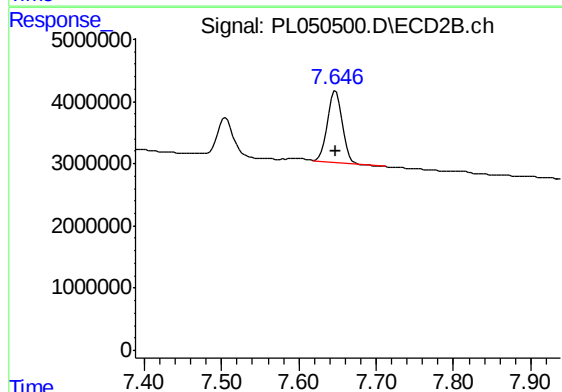
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 8637730
Conc: 5.89 ng/ml



#21 Endrin ketone

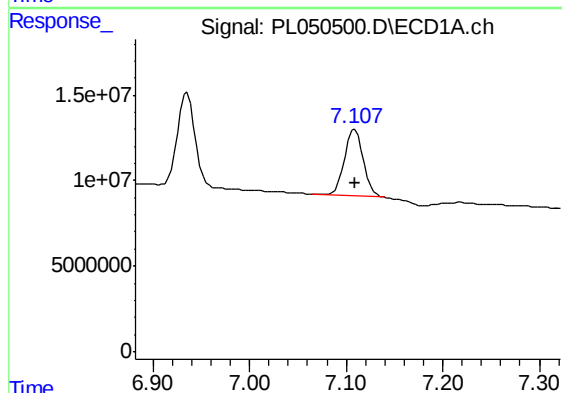
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 69446195
Conc: 5.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



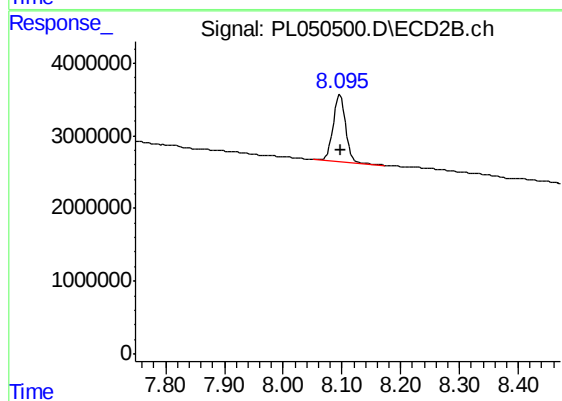
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 15852021
Conc: 5.48 ng/ml



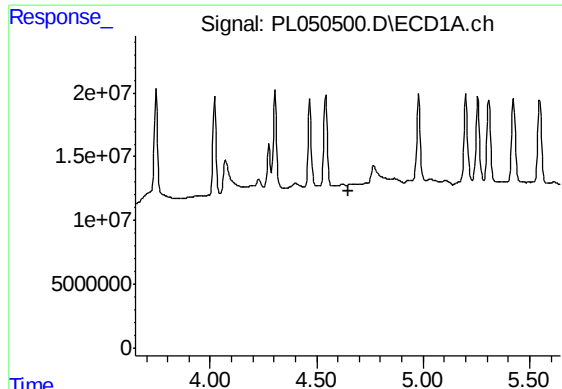
#22 Mirex

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 52732792
Conc: 5.38 ng/ml



#22 Mirex

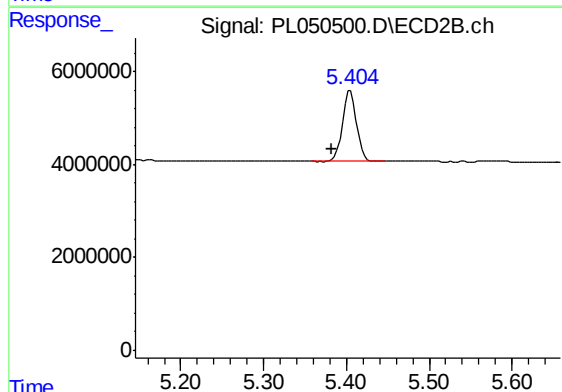
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 13506758
Conc: 5.88 ng/ml



#24 Chlordane-2

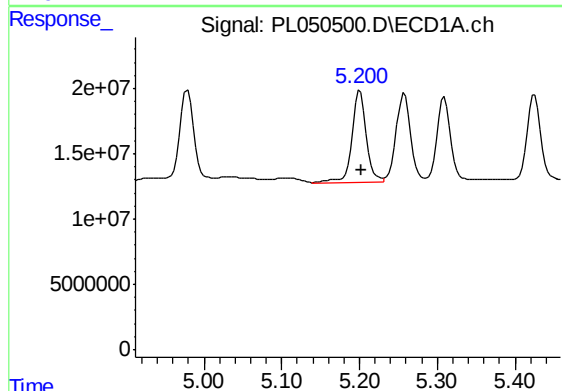
R.T.: 0.000 min
Exp R.T.: 4.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



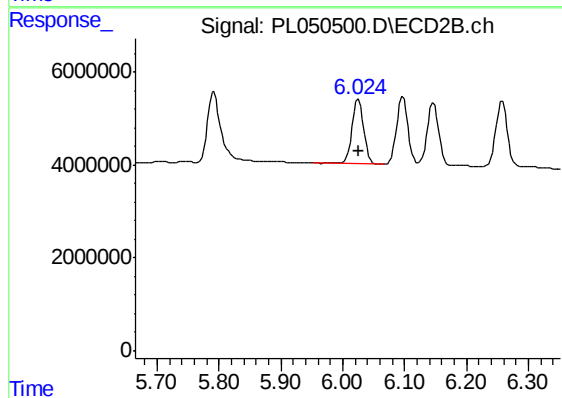
#24 Chlordane-2

R.T.: 5.405 min
Delta R.T.: 0.022 min
Response: 18291505
Conc: 155.74 ng/ml



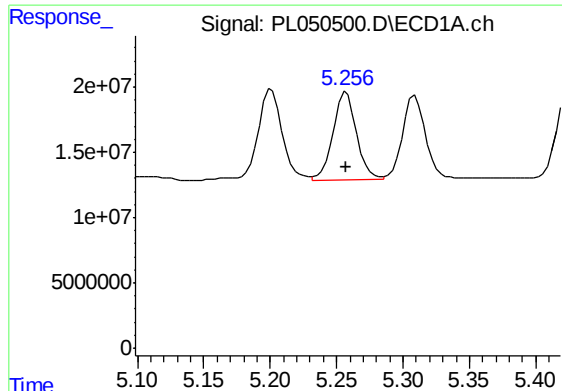
#25 Chlordane-3

R.T.: 5.201 min
Delta R.T.: -0.002 min
Response: 89896020
Conc: 64.22 ng/ml



#25 Chlordane-3

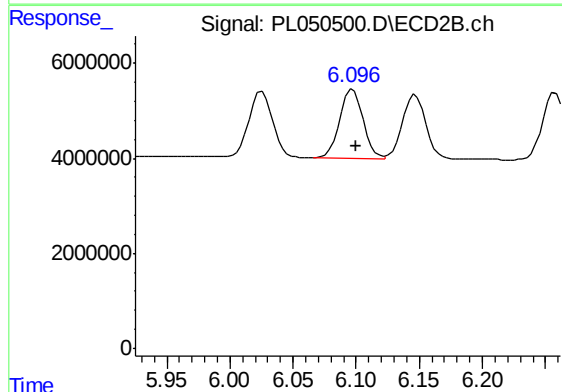
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 18346981
Conc: 38.14 ng/ml



#26 Chlordane-4

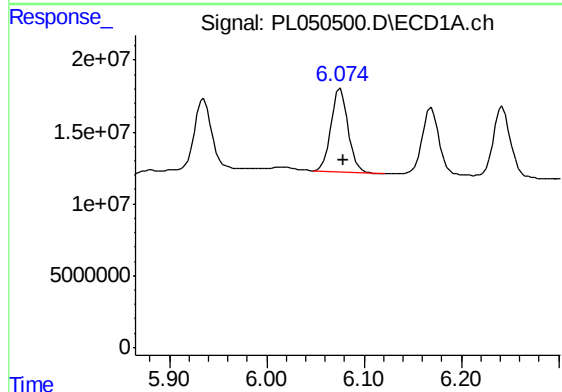
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 83396180
Conc: 63.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



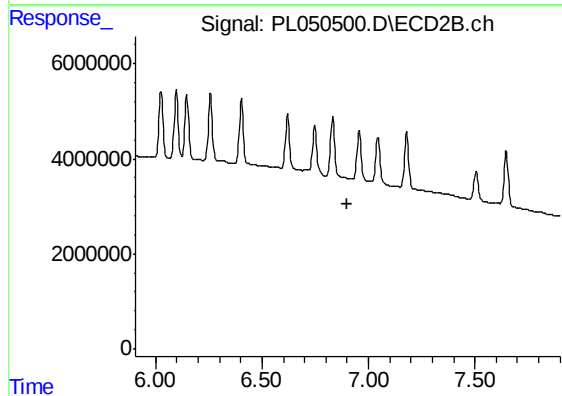
#26 Chlordane-4

R.T.: 6.097 min
Delta R.T.: -0.003 min
Response: 18604177
Conc: 32.03 ng/ml



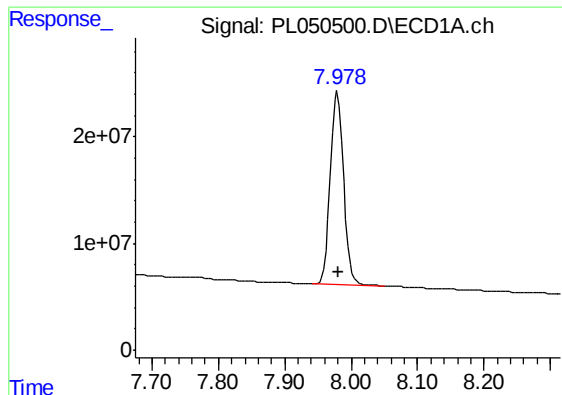
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 71884070
Conc: 141.52 ng/ml



#27 Chlordane-5

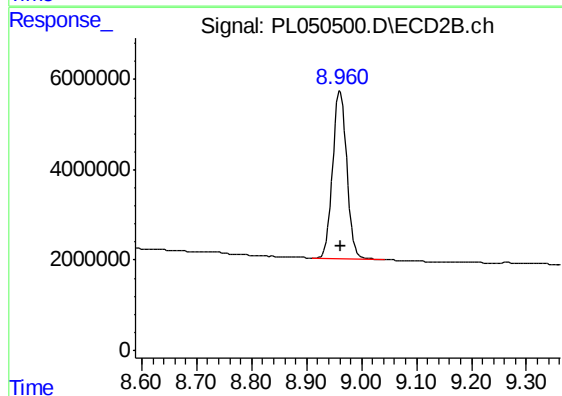
R.T.: 0.000 min
Exp R.T. : 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: -0.001 min
Response: 250576659
Conc: 24.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2019



#28 Decachlorobiphenyl

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 66741307
Conc: 23.60 ng/ml