

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040119\
 Data File : PL046806.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2019 15:51
 Operator : AJ\SJ
 Sample : K1560-08
 Misc : PEST LOQ 10 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:24:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.358	3.977	138.2E6	43869330	18.997	19.160
28)	SA Decachlor...	8.036	9.030	187.5E6	55155769	22.286	23.790
Target Compounds							
2)	A alpha-BHC	3.788	4.367	99267359	26228993	8.512	8.163
3)	MA gamma-BHC...	4.065	4.651	90111038	25558469	8.387	8.539
4)	MA Heptachlor	4.352	5.157	101.0E6	30092352	9.160	9.783
5)	MB Aldrin	4.592	5.461	90945787	26795390	8.817	9.353
6)	B beta-BHC	4.318	4.824	42122663	12444293	9.356	9.387
7)	B delta-BHC	4.513	5.040	79142797	18617393	7.818	8.024
8)	B Heptachlor...	5.029	5.848	91700596	26996984	9.402	10.237
9)	A Endosulfan I	5.360	6.204	86031762	25976999	9.150	9.953
10)	B gamma-Chl...	5.252	6.082	92597002	27992711	9.014	9.863
11)	B alpha-Chl...	5.308	6.154	92852588	28273312	9.158	9.967
12)	B 4,4'-DDE	5.475	6.312	79940631	23275932	8.683	9.377
13)	MA Dieldrin	5.600	6.461	87651380	25858009	8.734	9.539
14)	MA Endrin	5.853	6.677	81987332	23015270	8.704	9.631
15)	B Endosulfa...	6.128	6.888	81846582	24572233	9.135	10.184
16)	A 4,4'-DDD	5.986	6.802	65064757	19277330	8.608	9.581
17)	MA 4,4'-DDT	6.221	7.100	63552266	19951381	8.390	9.514
18)	B Endrin al...	6.295	7.012	70896732	22054495	9.459	10.383
19)	B Endosulfa...	6.506	7.235	82637467	25516990	10.064	10.817
20)	A Methoxychlor	6.766	7.559	41999120	13837481	9.882	10.855
21)	B Endrin ke...	6.989	7.704	87837844	25833789	9.499	10.398
22)	Mirex	7.166	8.156	78411688	23819473	10.763	11.909
24)	Chlordane-2	0.000	5.461f	0	26795390	N.D.	229.394 #
25)	Chlordane-3	5.252	6.082	92597002	27992711	83.146	73.420
26)	Chlordane-4	5.308	6.154	92852588	28273312	89.794	61.274 #
27)	Chlordane-5	6.128	0.000	81846582	0	239.831	N.D. #

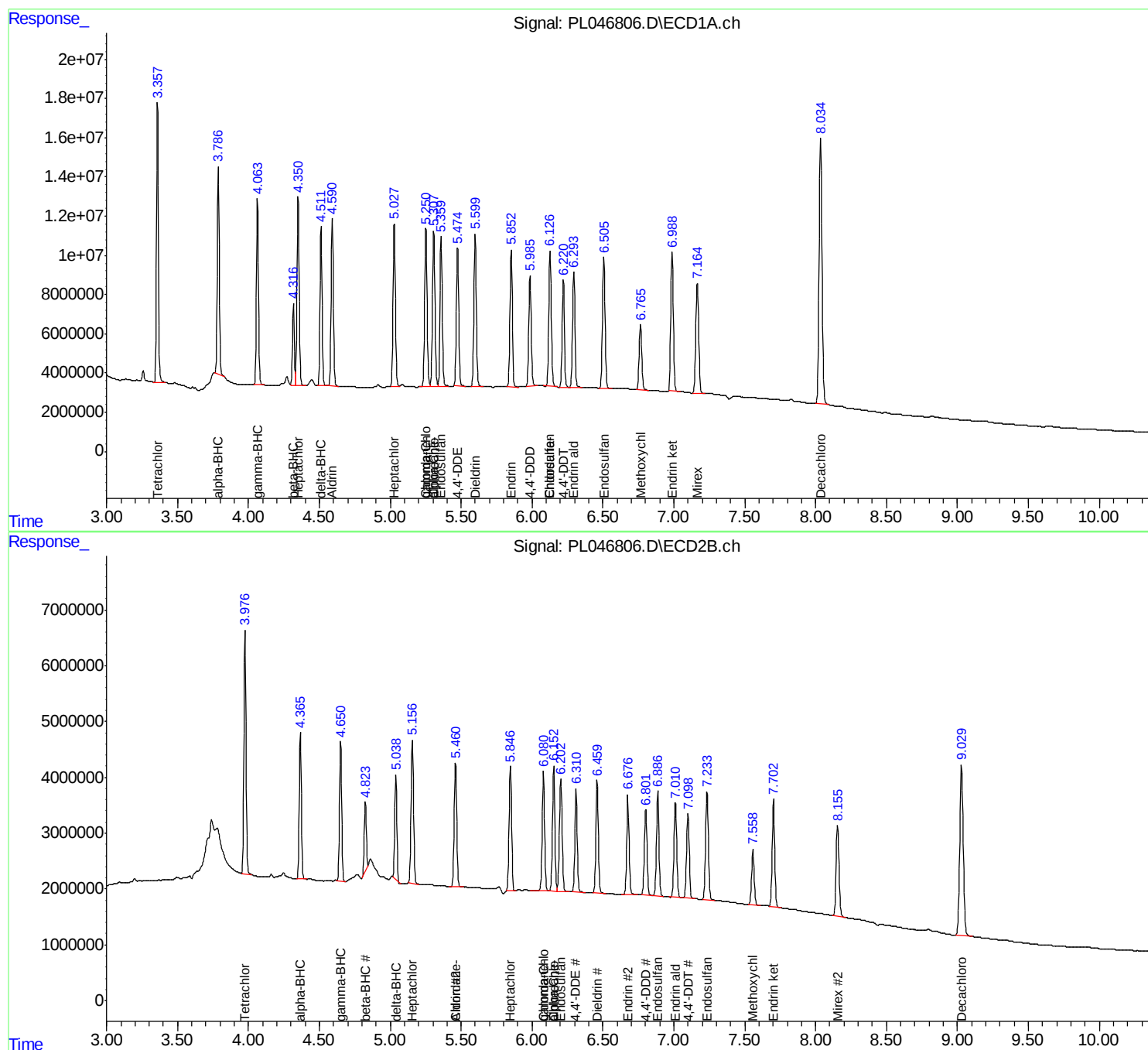
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

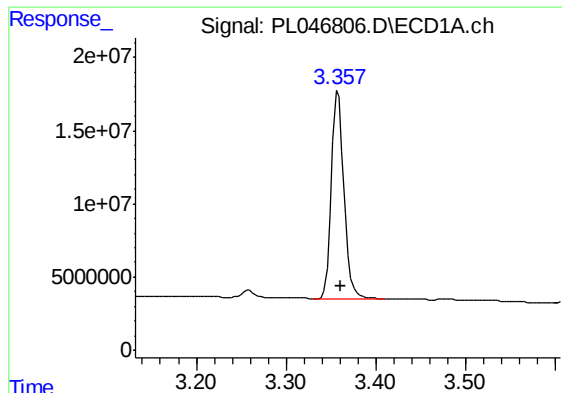
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040119\
Data File : PL046806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2019 15:51
Operator : AJ\SJ
Sample : K1560-08
Misc : PEST LOQ 10 PPB
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:24:31 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 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

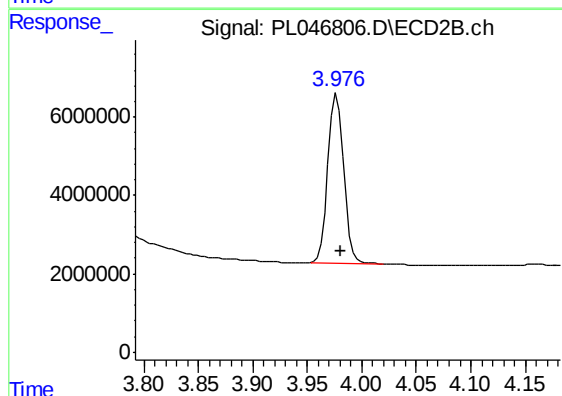




#1 Tetrachloro-m-xylene

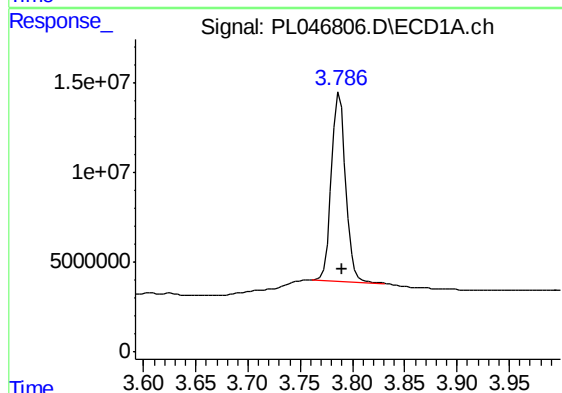
R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 138197204
Conc: 19.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



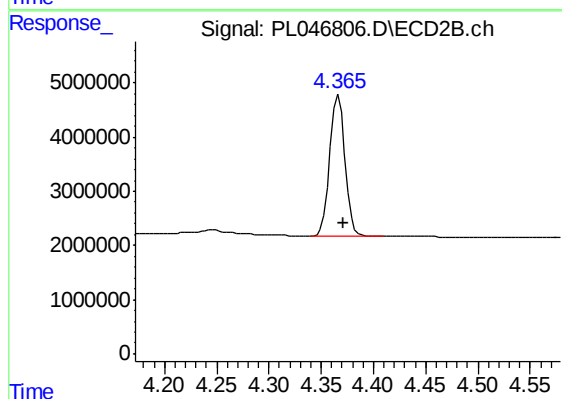
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.004 min
Response: 43869330
Conc: 19.16 ng/ml



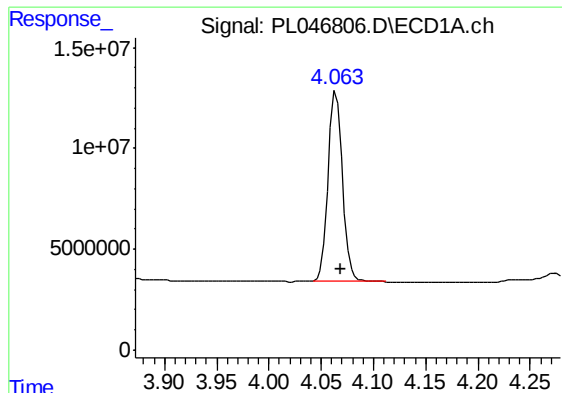
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.003 min
Response: 99267359
Conc: 8.51 ng/ml



#2 alpha-BHC

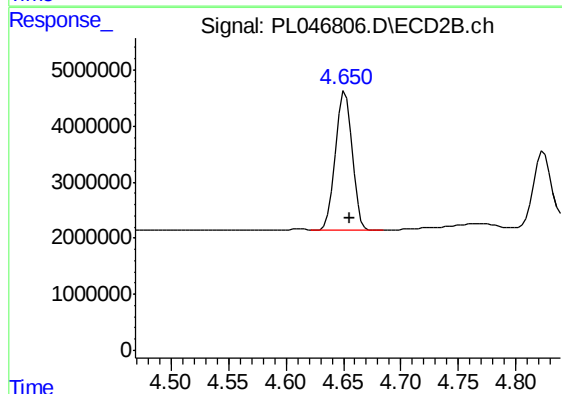
R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 26228993
Conc: 8.16 ng/ml



#3 gamma-BHC (Lindane)

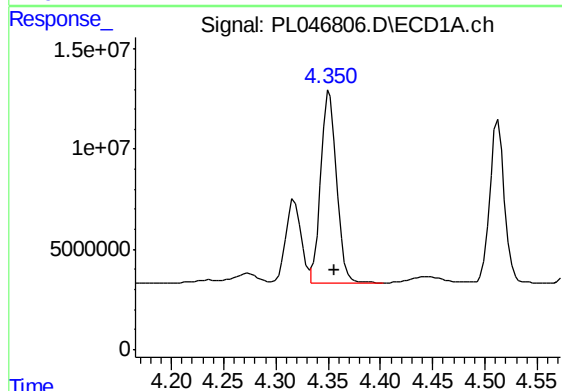
R.T.: 4.065 min
Delta R.T.: -0.004 min
Response: 90111038
Conc: 8.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



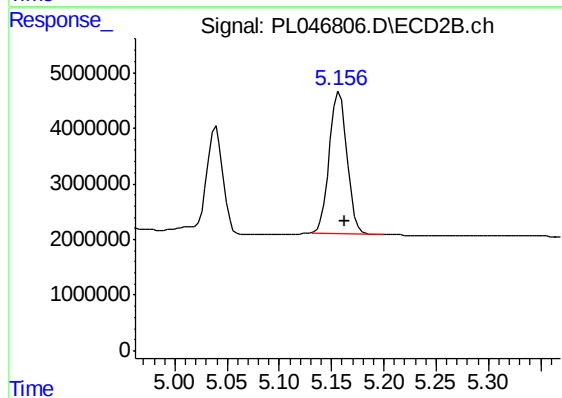
#3 gamma-BHC (Lindane)

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 25558469
Conc: 8.54 ng/ml



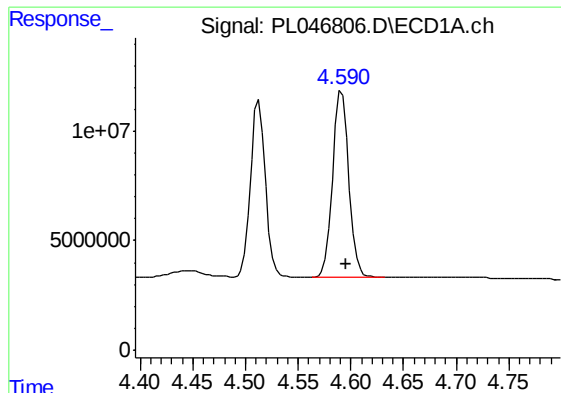
#4 Heptachlor

R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 100985280
Conc: 9.16 ng/ml



#4 Heptachlor

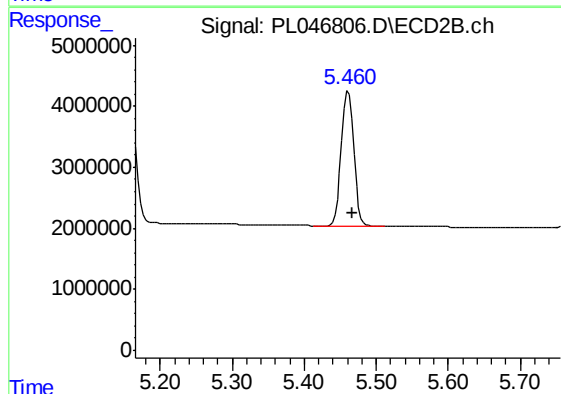
R.T.: 5.157 min
Delta R.T.: -0.005 min
Response: 30092352
Conc: 9.78 ng/ml



#5 Aldrin

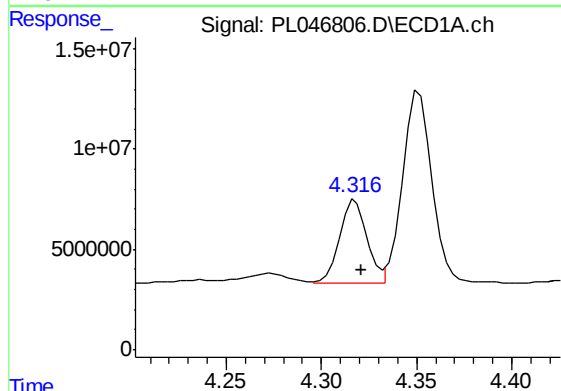
R.T.: 4.592 min
Delta R.T.: -0.004 min
Response: 90945787
Conc: 8.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



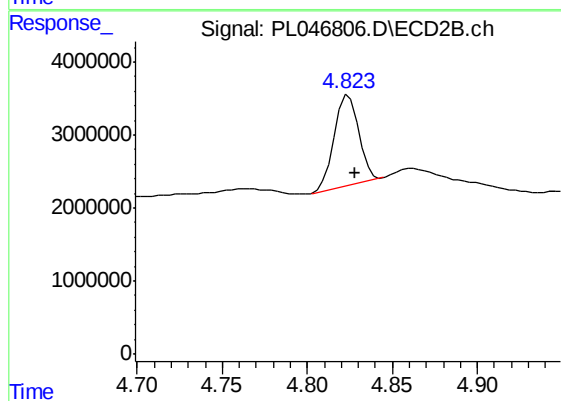
#5 Aldrin

R.T.: 5.461 min
Delta R.T.: -0.005 min
Response: 26795390
Conc: 9.35 ng/ml



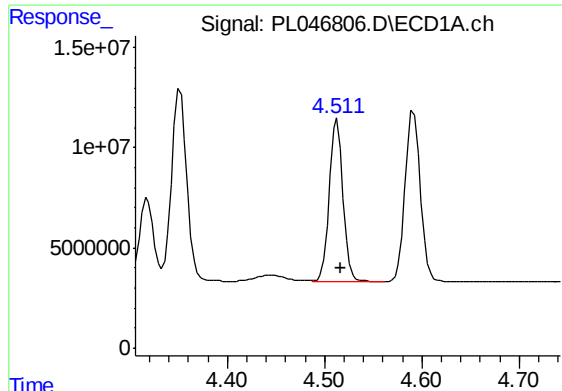
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 42122663
Conc: 9.36 ng/ml



#6 beta-BHC

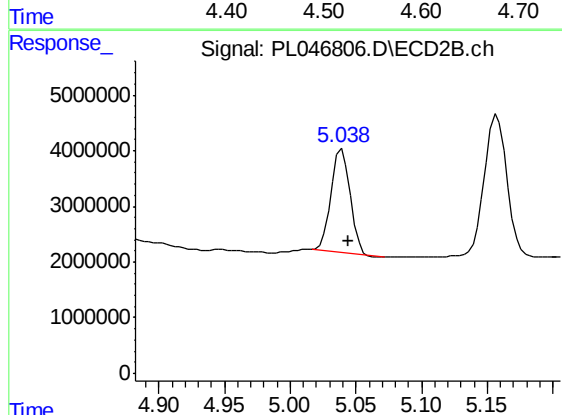
R.T.: 4.824 min
Delta R.T.: -0.003 min
Response: 12444293
Conc: 9.39 ng/ml



#7 delta-BHC

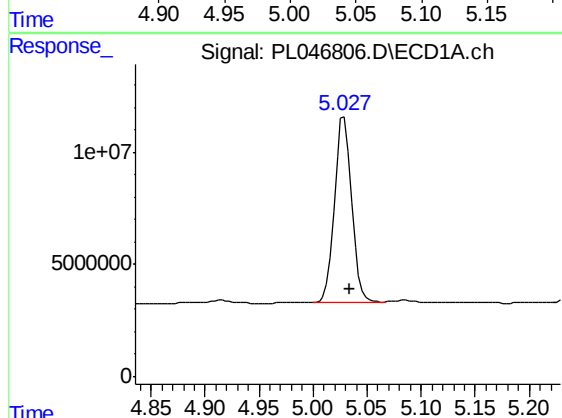
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 79142797
Conc: 7.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



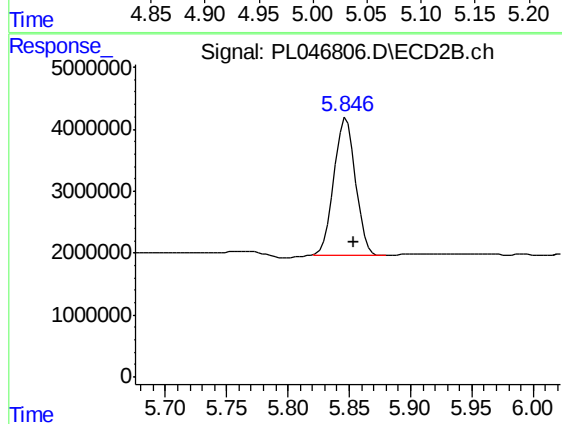
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: -0.005 min
Response: 18617393
Conc: 8.02 ng/ml



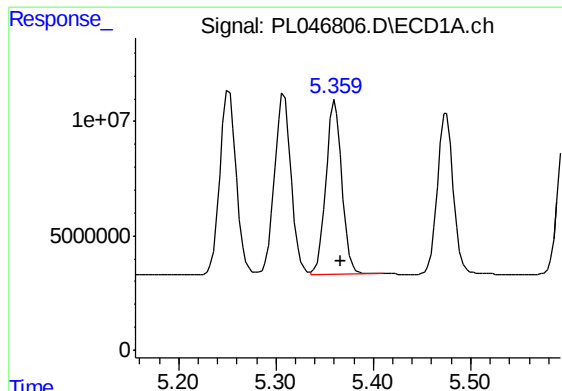
#8 Heptachlor epoxide

R.T.: 5.029 min
Delta R.T.: -0.005 min
Response: 91700596
Conc: 9.40 ng/ml



#8 Heptachlor epoxide

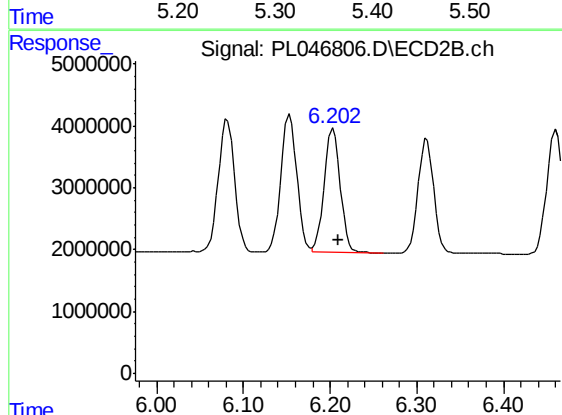
R.T.: 5.848 min
Delta R.T.: -0.006 min
Response: 26996984
Conc: 10.24 ng/ml



#9 Endosulfan I

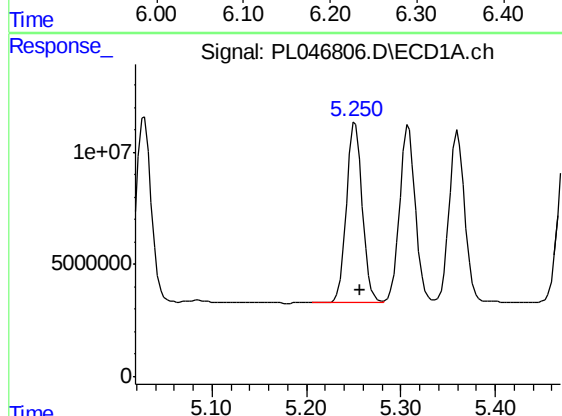
R.T.: 5.360 min
Delta R.T.: -0.006 min
Response: 86031762
Conc: 9.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



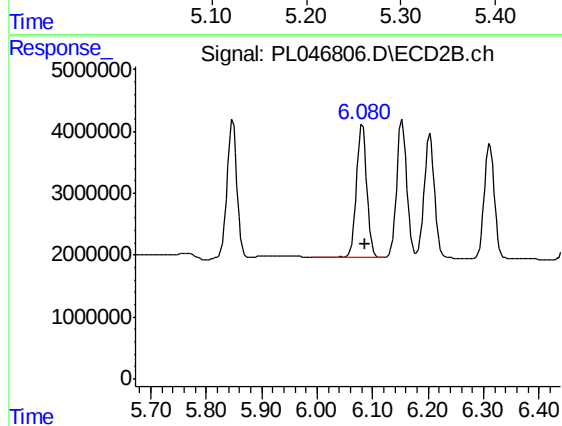
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.007 min
Response: 25976999
Conc: 9.95 ng/ml



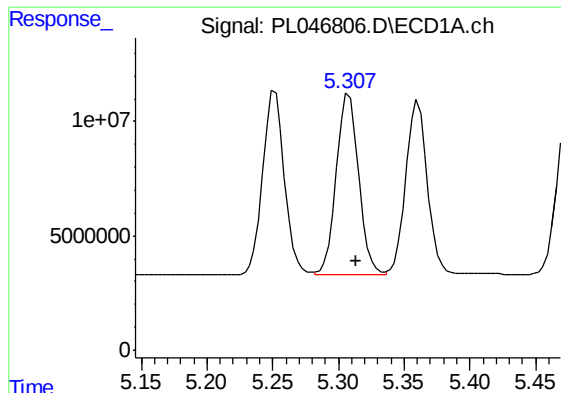
#10 gamma-Chlordane

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 92597002
Conc: 9.01 ng/ml



#10 gamma-Chlordane

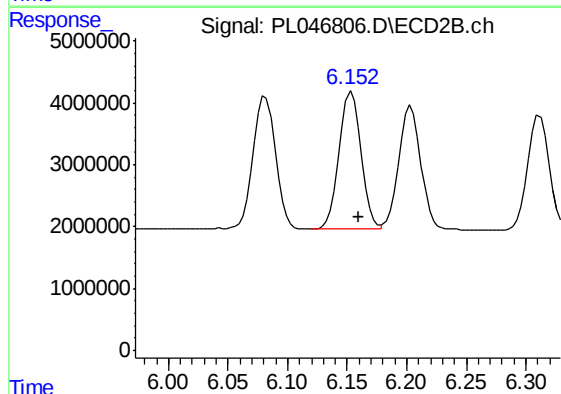
R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 27992711
Conc: 9.86 ng/ml



#11 alpha-Chlordane

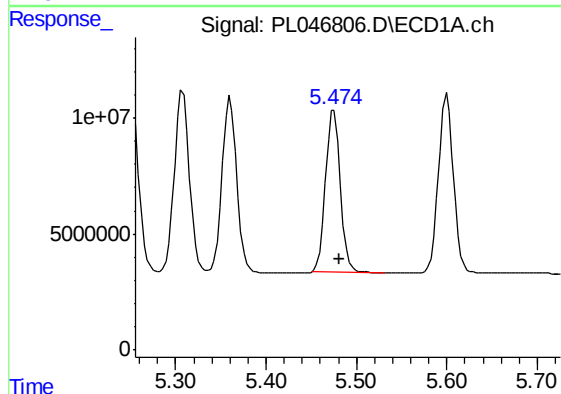
R.T.: 5.308 min
Delta R.T.: -0.006 min
Response: 92852588
Conc: 9.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



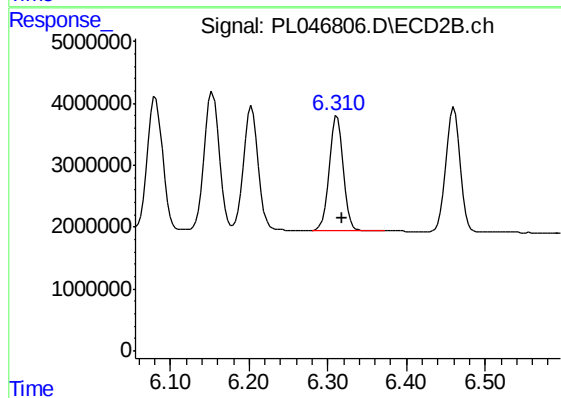
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.007 min
Response: 28273312
Conc: 9.97 ng/ml



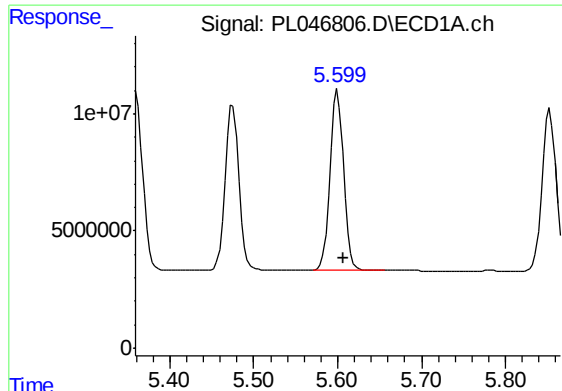
#12 4,4'-DDE

R.T.: 5.475 min
Delta R.T.: -0.006 min
Response: 79940631
Conc: 8.68 ng/ml



#12 4,4'-DDE

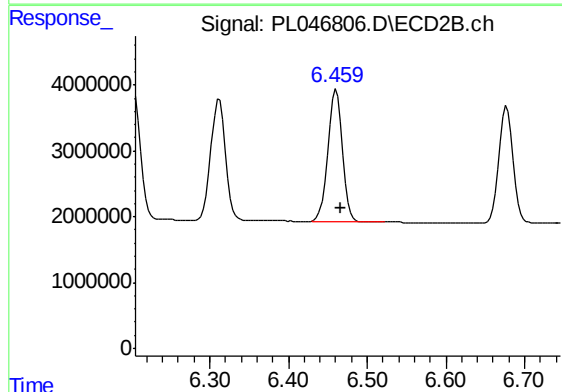
R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 23275932
Conc: 9.38 ng/ml



#13 Dieldrin

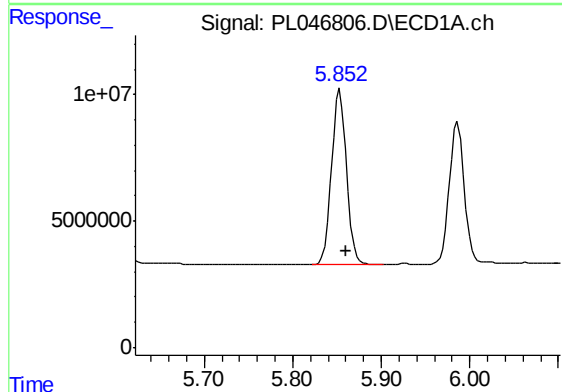
R.T.: 5.600 min
Delta R.T.: -0.006 min
Response: 87651380
Conc: 8.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



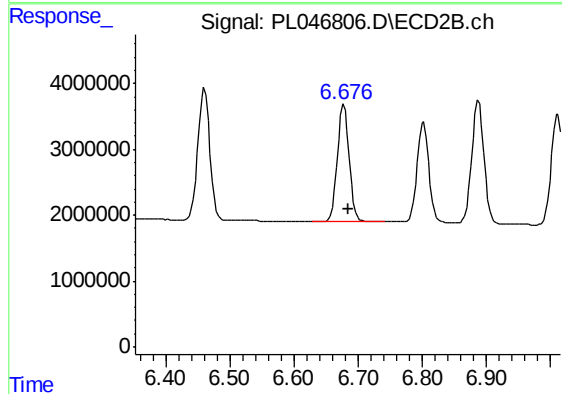
#13 Dieldrin

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 25858009
Conc: 9.54 ng/ml



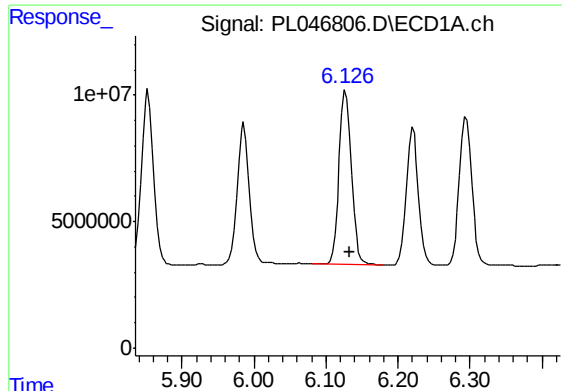
#14 Endrin

R.T.: 5.853 min
Delta R.T.: -0.006 min
Response: 81987332
Conc: 8.70 ng/ml



#14 Endrin

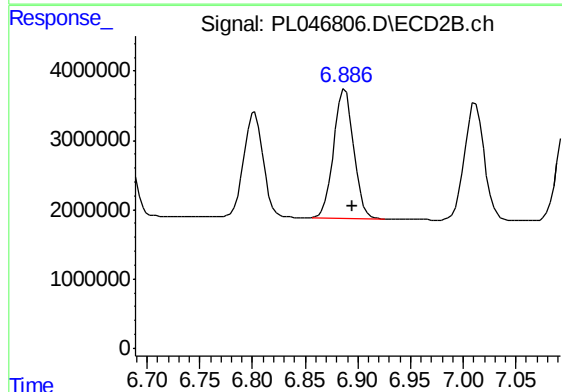
R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 23015270
Conc: 9.63 ng/ml



#15 Endosulfan II

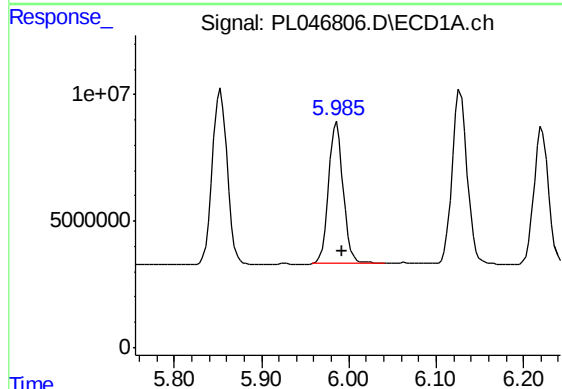
R.T.: 6.128 min
Delta R.T.: -0.006 min
Response: 81846582
Conc: 9.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



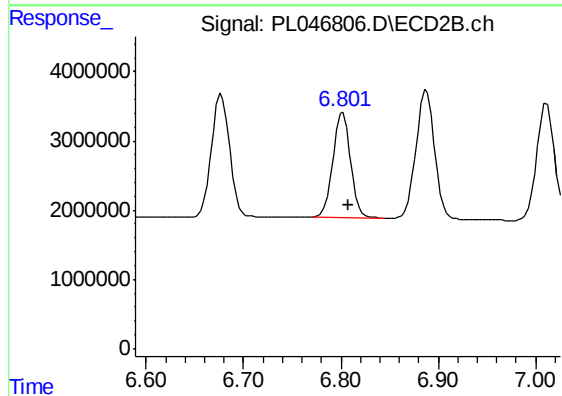
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: -0.007 min
Response: 24572233
Conc: 10.18 ng/ml



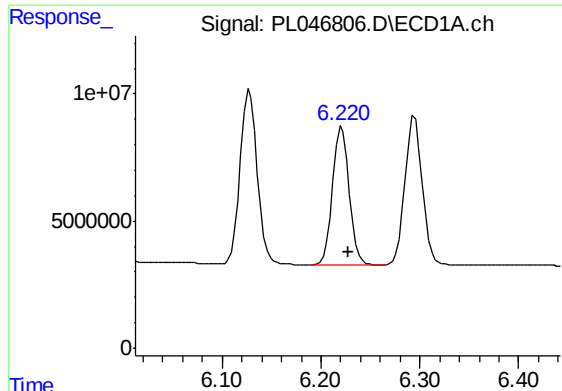
#16 4,4'-DDD

R.T.: 5.986 min
Delta R.T.: -0.006 min
Response: 65064757
Conc: 8.61 ng/ml



#16 4,4'-DDD

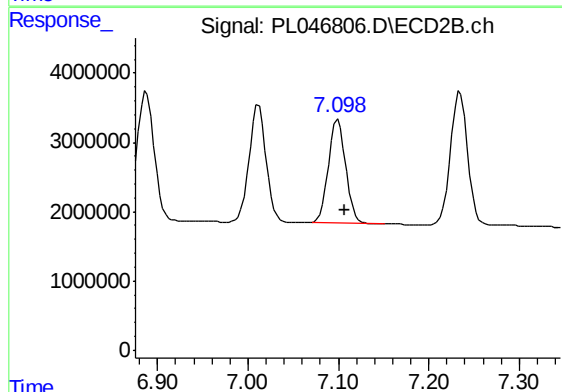
R.T.: 6.802 min
Delta R.T.: -0.006 min
Response: 19277330
Conc: 9.58 ng/ml



#17 4,4'-DDT

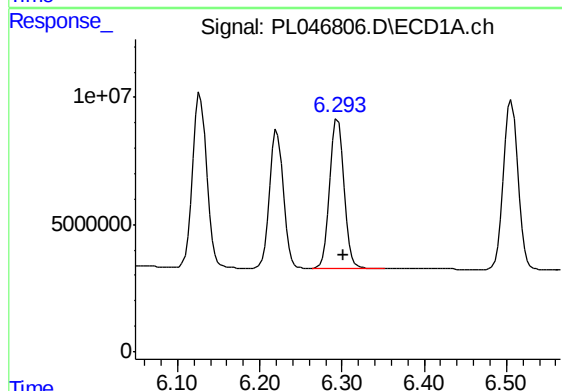
R.T.: 6.221 min
Delta R.T.: -0.006 min
Response: 63552266
Conc: 8.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



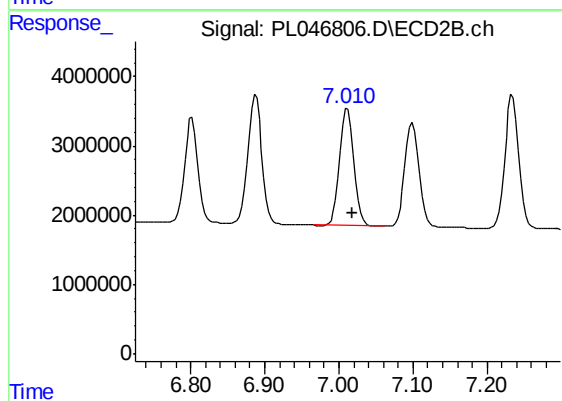
#17 4,4'-DDT

R.T.: 7.100 min
Delta R.T.: -0.007 min
Response: 19951381
Conc: 9.51 ng/ml



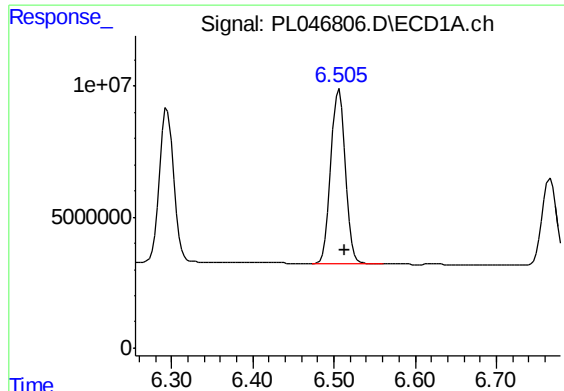
#18 Endrin aldehyde

R.T.: 6.295 min
Delta R.T.: -0.007 min
Response: 70896732
Conc: 9.46 ng/ml



#18 Endrin aldehyde

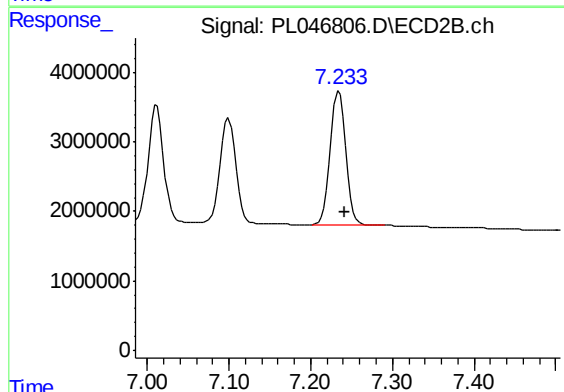
R.T.: 7.012 min
Delta R.T.: -0.007 min
Response: 22054495
Conc: 10.38 ng/ml



#19 Endosulfan Sulfate

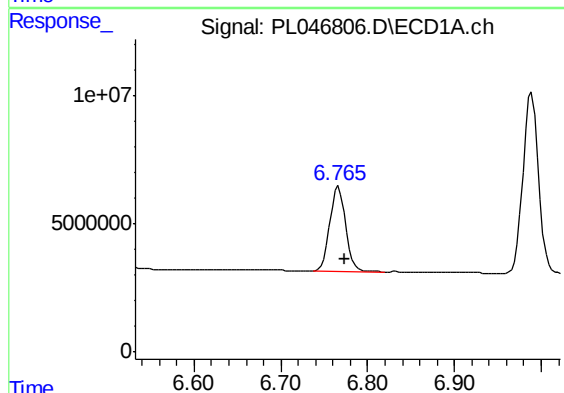
R.T.: 6.506 min
Delta R.T.: -0.006 min
Response: 82637467
Conc: 10.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



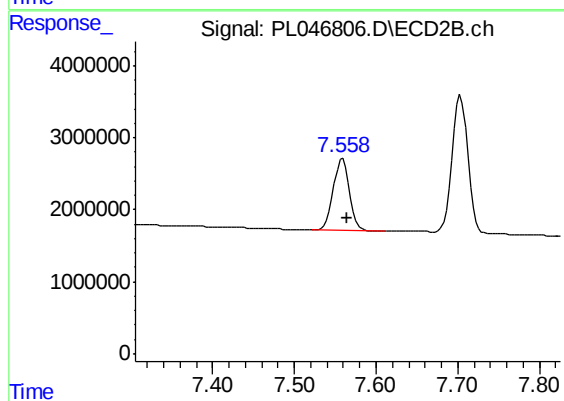
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 25516990
Conc: 10.82 ng/ml



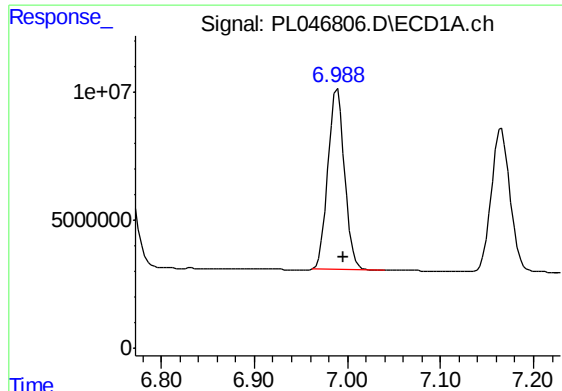
#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: -0.007 min
Response: 41999120
Conc: 9.88 ng/ml



#20 Methoxychlor

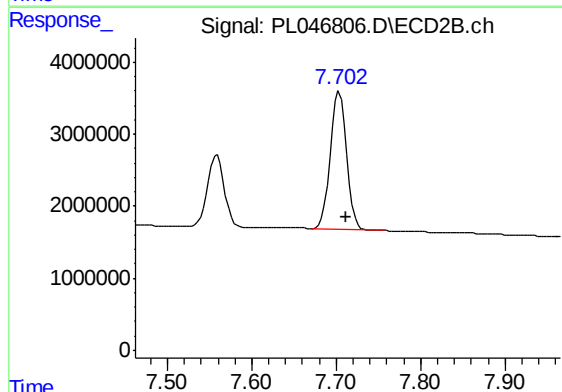
R.T.: 7.559 min
Delta R.T.: -0.006 min
Response: 13837481
Conc: 10.85 ng/ml



#21 Endrin ketone

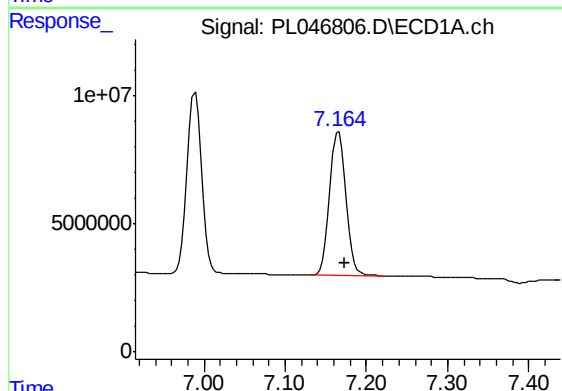
R.T.: 6.989 min
Delta R.T.: -0.007 min
Response: 87837844
Conc: 9.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



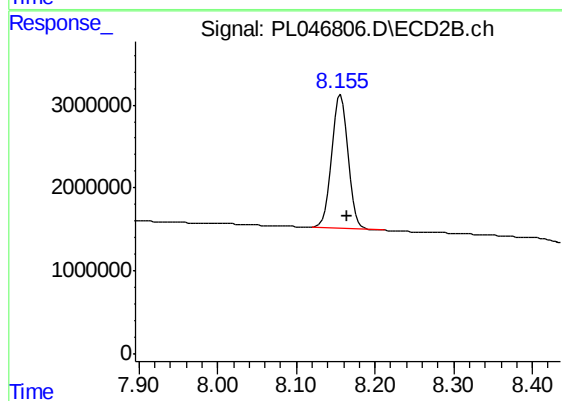
#21 Endrin ketone

R.T.: 7.704 min
Delta R.T.: -0.008 min
Response: 25833789
Conc: 10.40 ng/ml



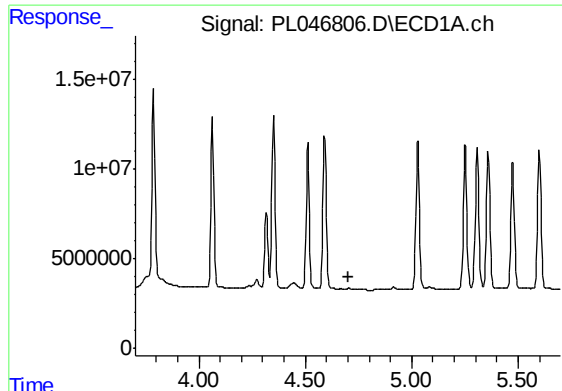
#22 Mirex

R.T.: 7.166 min
Delta R.T.: -0.008 min
Response: 78411688
Conc: 10.76 ng/ml



#22 Mirex

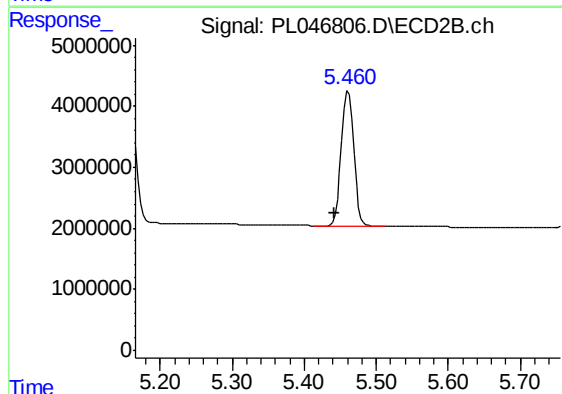
R.T.: 8.156 min
Delta R.T.: -0.008 min
Response: 23819473
Conc: 11.91 ng/ml



#24 Chlordane-2

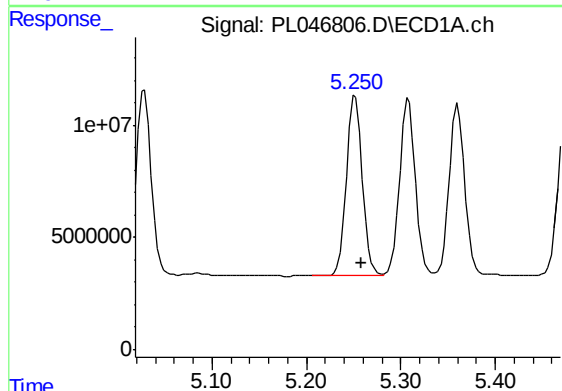
R.T.: 0.000 min
Exp R.T.: 4.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



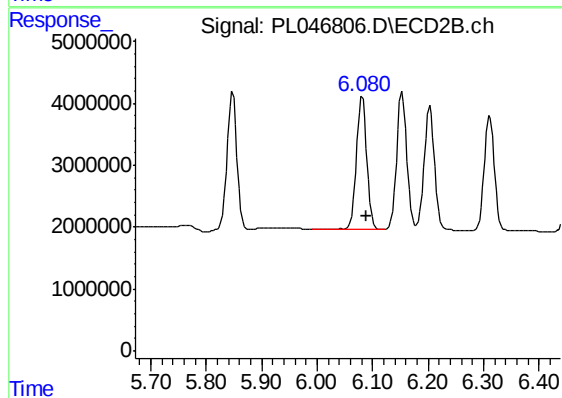
#24 Chlordane-2

R.T.: 5.461 min
Delta R.T.: 0.019 min
Response: 26795390
Conc: 229.39 ng/ml



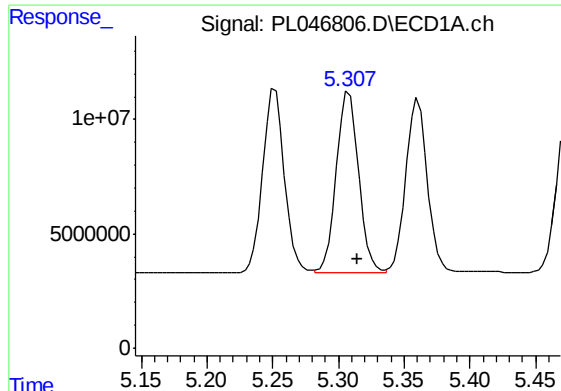
#25 Chlordane-3

R.T.: 5.252 min
Delta R.T.: -0.007 min
Response: 92597002
Conc: 83.15 ng/ml



#25 Chlordane-3

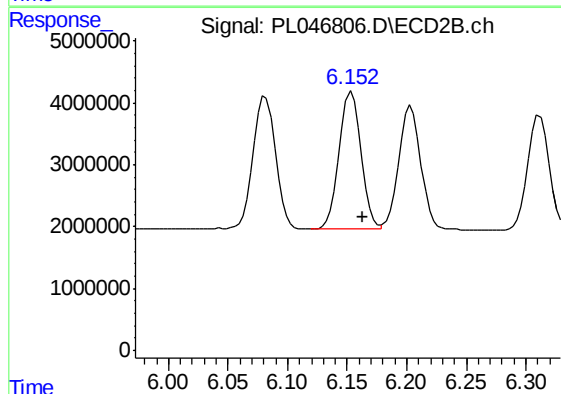
R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 27992711
Conc: 73.42 ng/ml



#26 Chlordane-4

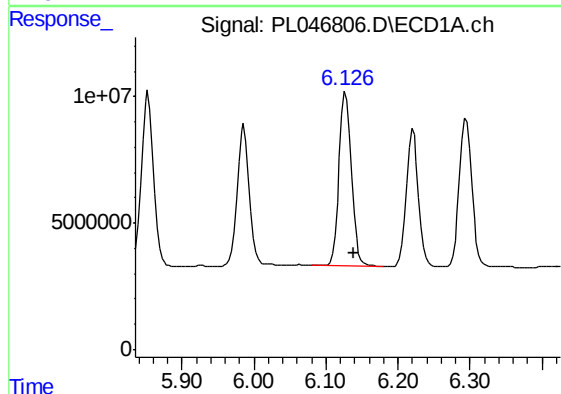
R.T.: 5.308 min
Delta R.T.: -0.006 min
Response: 92852588
Conc: 89.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



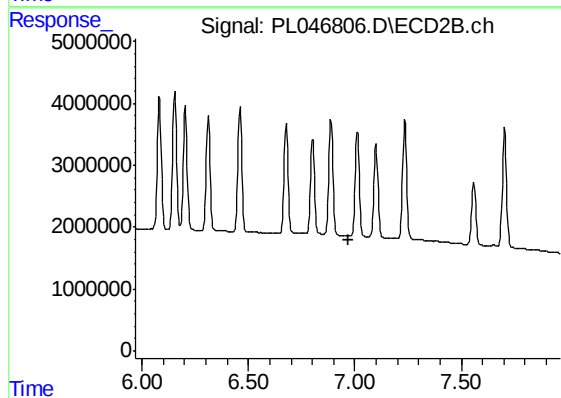
#26 Chlordane-4

R.T.: 6.154 min
Delta R.T.: -0.010 min
Response: 28273312
Conc: 61.27 ng/ml



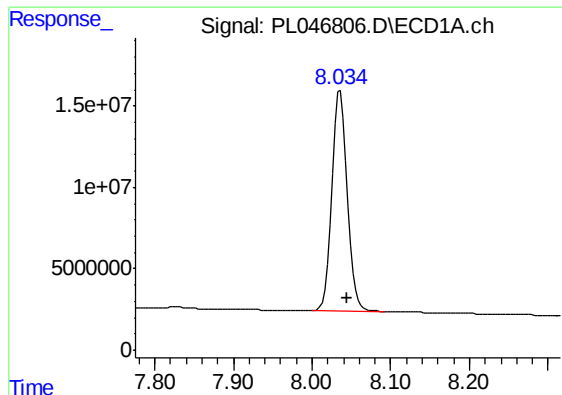
#27 Chlordane-5

R.T.: 6.128 min
Delta R.T.: -0.012 min
Response: 81846582
Conc: 239.83 ng/ml



#27 Chlordane-5

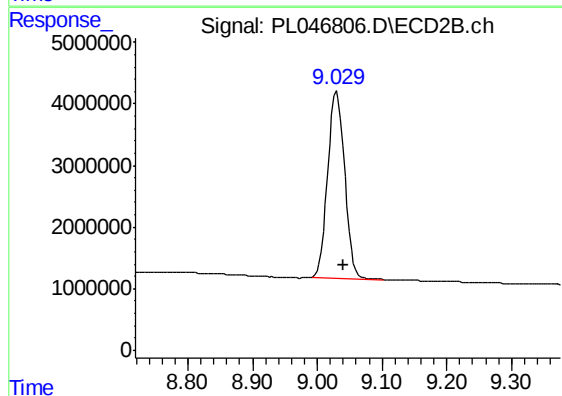
R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.036 min
Delta R.T.: -0.009 min
Response: 187451683
Conc: 22.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2019



#28 Decachlorobiphenyl

R.T.: 9.030 min
Delta R.T.: -0.010 min
Response: 55155769
Conc: 23.79 ng/ml