

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022719\
 Data File : PL045178.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2019 20:34
 Operator : AJ\SJ
 Sample : K1560-08
 Misc : PEST LOQ 10 PPB
 ALS Vial : 32 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: Feb 28 04:49:22 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	3.983	130.4E6	41201876	18.953	19.239
28)	SA Decachlor...	8.048	9.042	175.6E6	49254464	20.987	21.556
Target Compounds							
2)	A alpha-BHC	3.794	4.372	92522647	25296999	8.330	8.325
3)	MA gamma-BHC...	4.072	4.657	84768785	24589399	8.387	8.705
4)	MA Heptachlor	4.359	5.165	93998192	29111860	8.908	9.786
5)	MB Aldrin	4.600	5.469	81561482	24404352	8.386	9.035
6)	B beta-BHC	4.324	4.829	40211558	12134653	9.382	9.555
7)	B delta-BHC	4.520	5.045	78465221	19292755	8.209	8.970
8)	B Heptachlo...	5.037	5.856	84924261	24610957	9.099	10.246
9)	A Endosulfan I	5.370	6.211	80614593	24350620	9.019	9.778
10)	B gamma-Chl...	5.261	6.089	86334759	26046184	8.821	9.708
11)	B alpha-Chl...	5.317	6.161	86985489	26446422	8.970	9.803
12)	B 4,4'-DDE	5.485	6.319	71781145	20917869	8.177	8.955
13)	MA Dieldrin	5.610	6.468	81235615	24067884	8.499	9.366
14)	MA Endrin	5.863	6.686	78659322	20914073	8.734	9.192
15)	B Endosulfa...	6.138	6.896	79830751	24155963	9.209	10.272
16)	A 4,4'-DDD	5.996	6.809	61877717	18528116	8.451	9.635
17)	MA 4,4'-DDT	6.232	7.108	58149796	17800291	7.753	9.020
18)	B Endrin al...	6.305	7.020	69211330	20949149	9.469	10.248
19)	B Endosulfa...	6.516	7.243	78198889	23364736	9.621	10.387
20)	A Methoxychlor	6.777	7.566	40972733	12358442	9.330	10.069
21)	B Endrin ke...	7.000	7.712	85914294	23862741	9.326	10.033
22)	Mirex	7.177	8.166	78455407	22352710	10.545	11.223
24)	Chlordane-2	0.000	5.469f	0	24404352	N.D.	201.972 #
25)	Chlordane-3	5.261	6.089	86334759	26046184	75.269	66.849
26)	Chlordane-4	5.317	6.161	86985489	26446422	82.058	56.531 #
27)	Chlordane-5	6.138	0.000	79830751	0	231.161	N.D. #

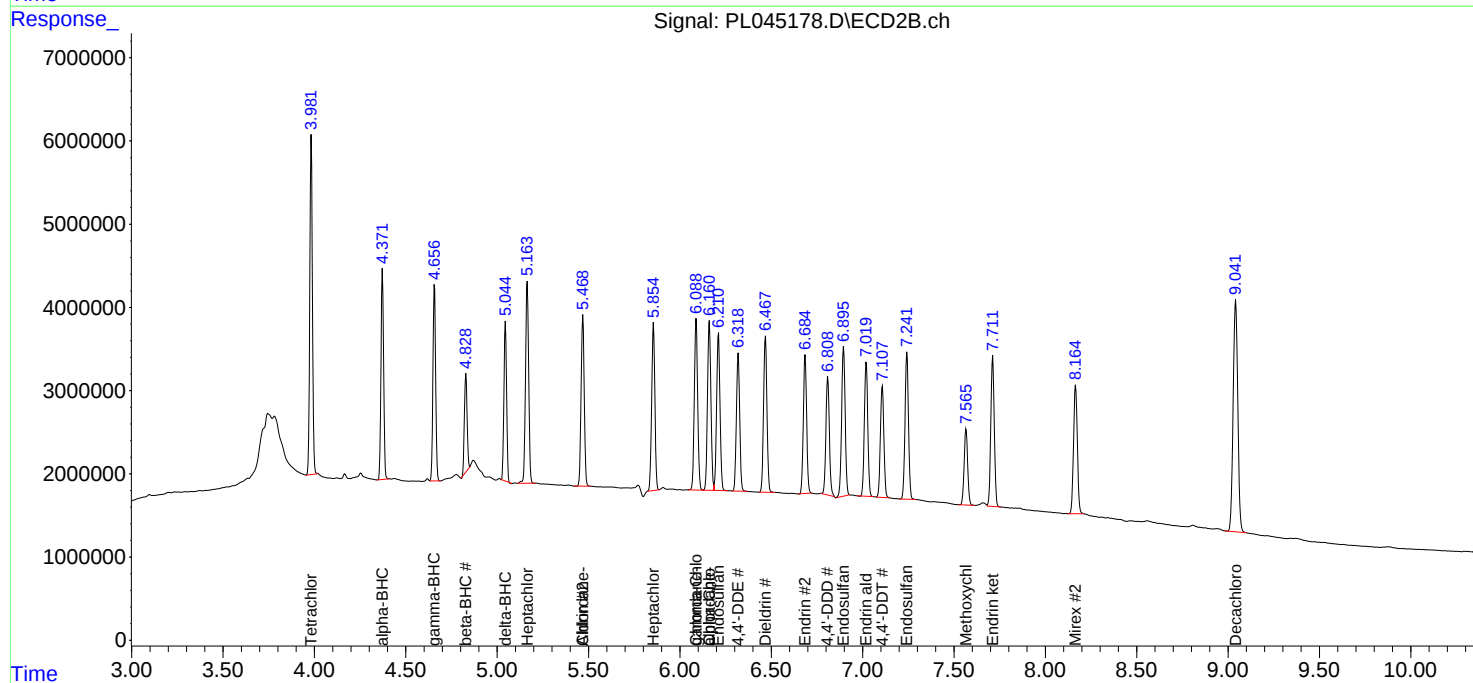
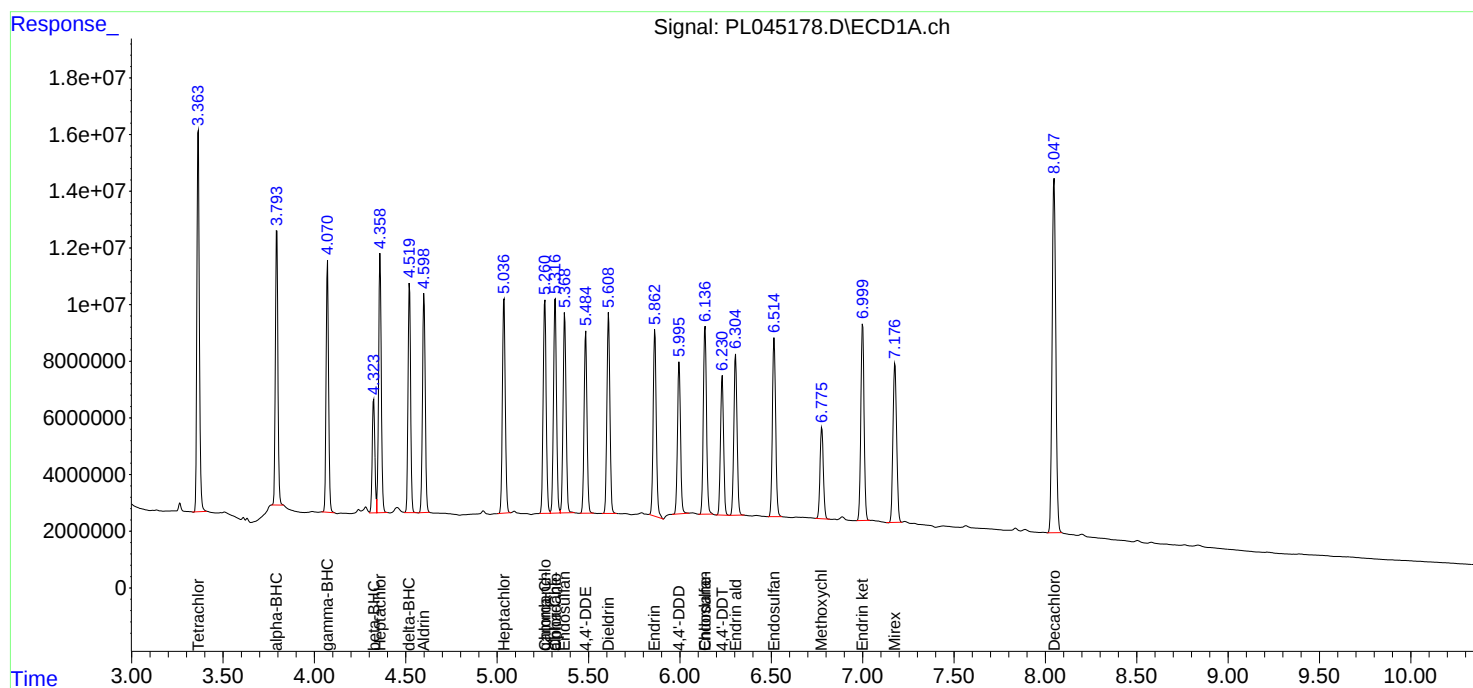
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

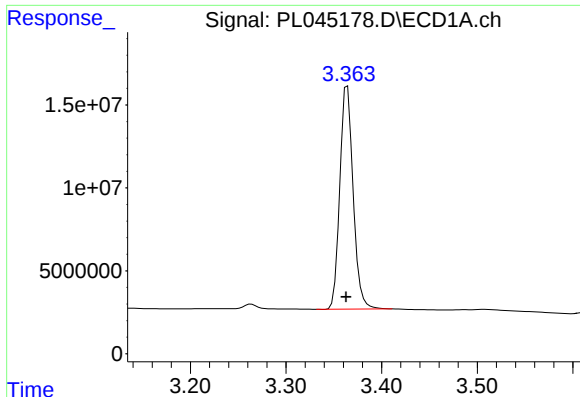
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022719\
Data File : PL045178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2019 20:34
Operator : AJ\SJ
Sample : K1560-08
Misc : PEST LOQ 10 PPB
ALS Vial : 32 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 04:49:22 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

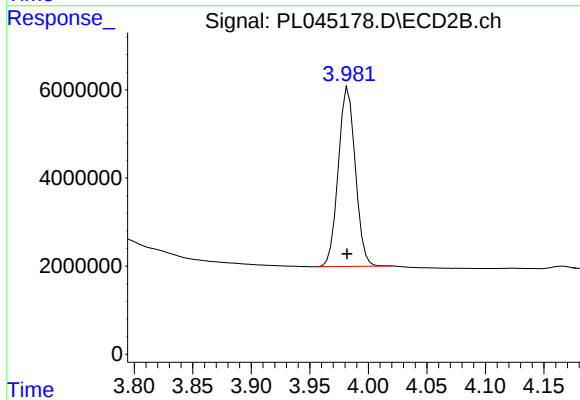




#1 Tetrachloro-m-xylene

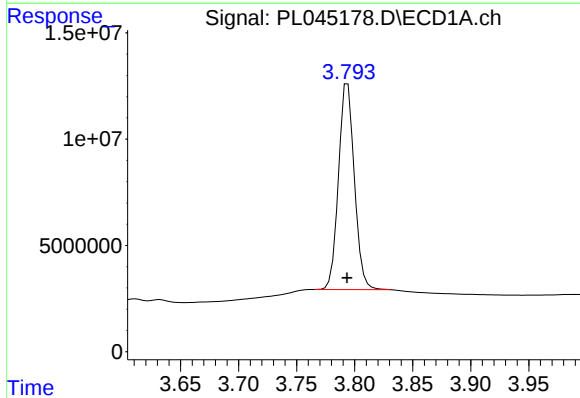
R.T.: 3.364 min
Delta R.T.: 0.001 min
Response: 130381385
Conc: 18.95 ng/ml

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



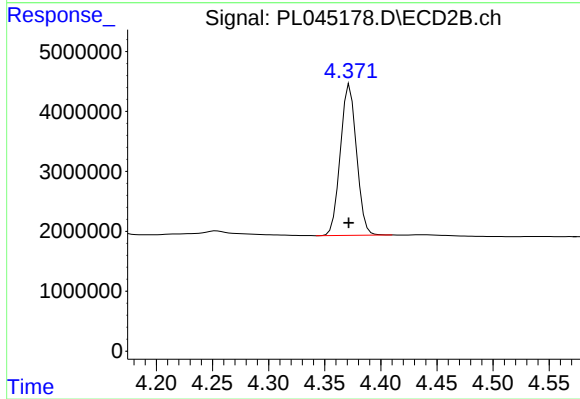
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.001 min
Response: 41201876
Conc: 19.24 ng/ml



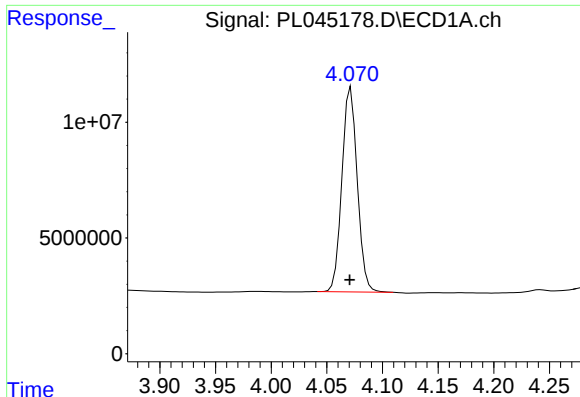
#2 alpha-BHC

R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 92522647
Conc: 8.33 ng/ml



#2 alpha-BHC

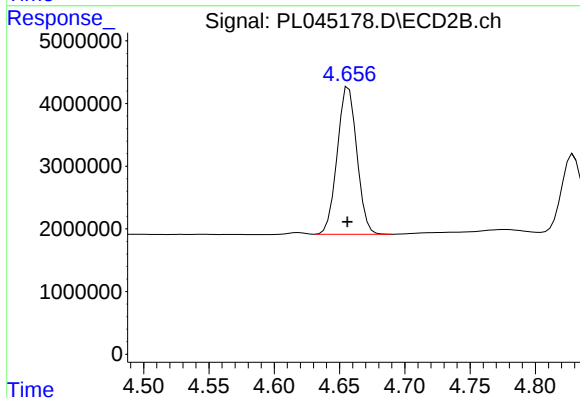
R.T.: 4.372 min
Delta R.T.: 0.001 min
Response: 25296999
Conc: 8.33 ng/ml



#3 gamma-BHC (Lindane)

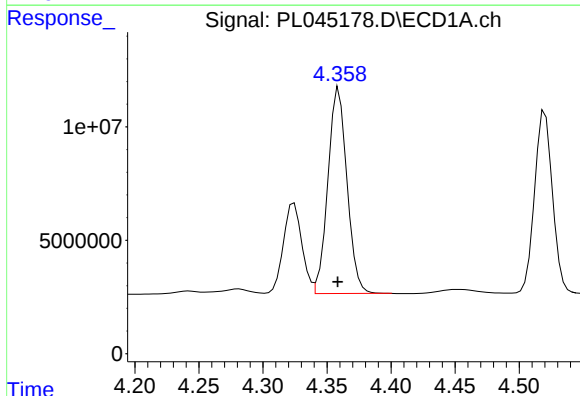
R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 84768785
Conc: 8.39 ng/ml

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



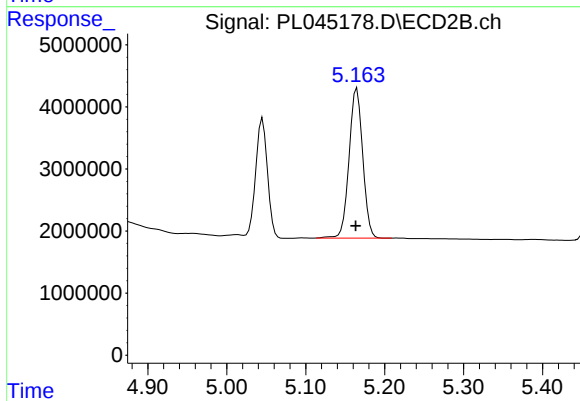
#3 gamma-BHC (Lindane)

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 24589399
Conc: 8.71 ng/ml



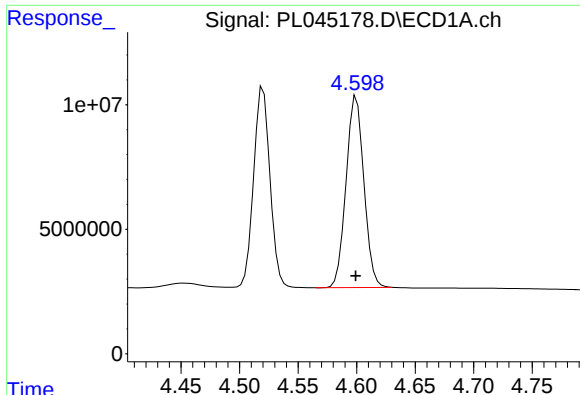
#4 Heptachlor

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 93998192
Conc: 8.91 ng/ml



#4 Heptachlor

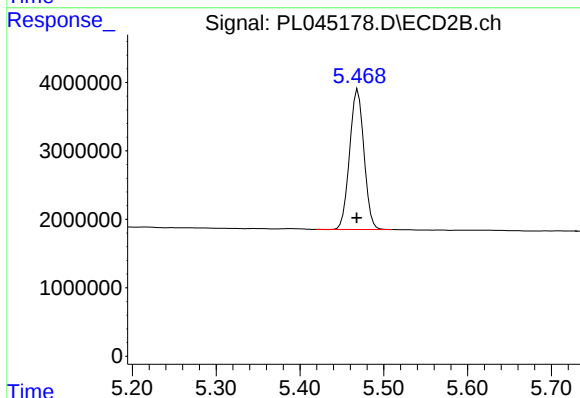
R.T.: 5.165 min
Delta R.T.: 0.002 min
Response: 29111860
Conc: 9.79 ng/ml



#5 Aldrin

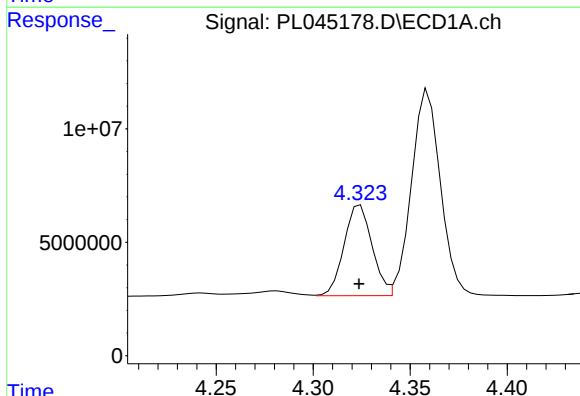
R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 81561482
Conc: 8.39 ng/ml

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



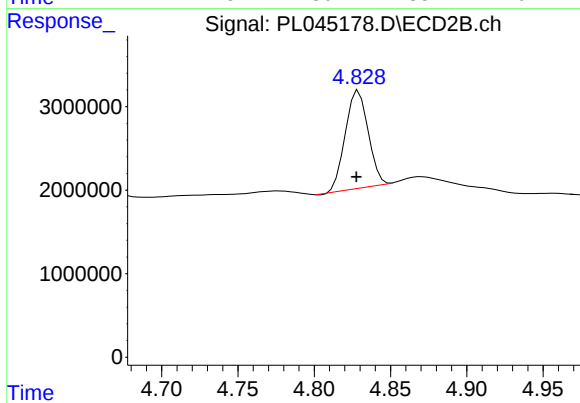
#5 Aldrin

R.T.: 5.469 min
Delta R.T.: 0.002 min
Response: 24404352
Conc: 9.04 ng/ml



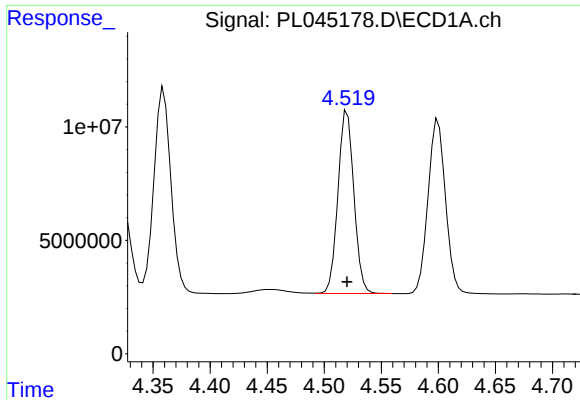
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 40211558
Conc: 9.38 ng/ml



#6 beta-BHC

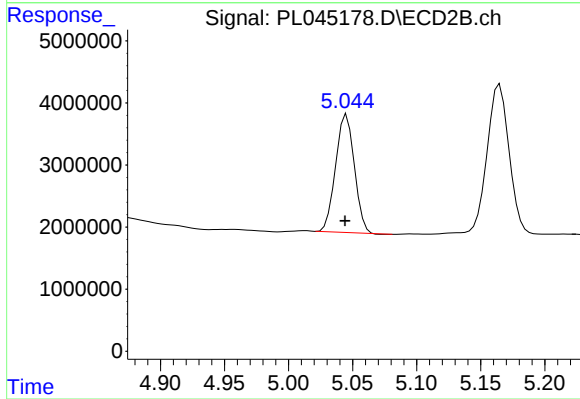
R.T.: 4.829 min
Delta R.T.: 0.001 min
Response: 12134653
Conc: 9.56 ng/ml



#7 delta-BHC

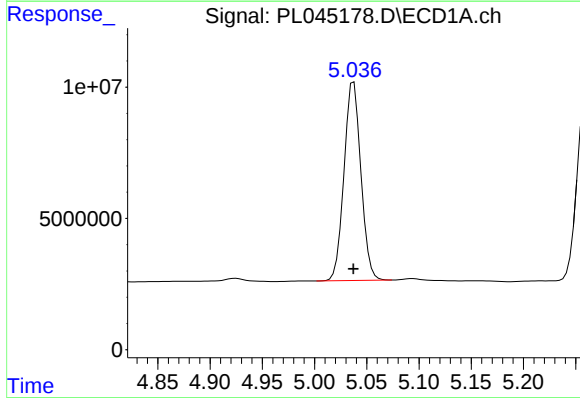
R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 78465221
Conc: 8.21 ng/ml

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



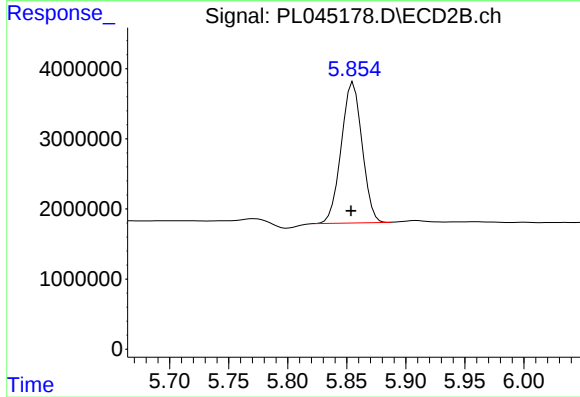
#7 delta-BHC

R.T.: 5.045 min
Delta R.T.: 0.002 min
Response: 19292755
Conc: 8.97 ng/ml



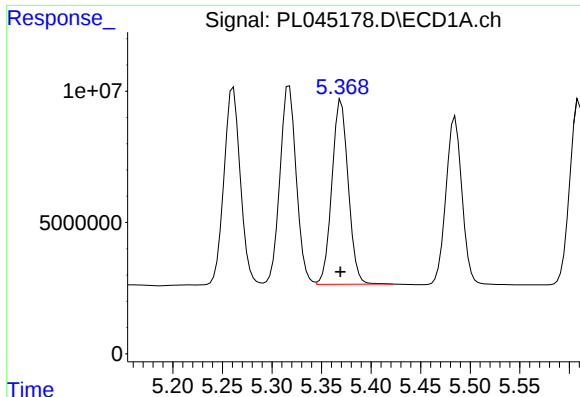
#8 Heptachlor epoxide

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 84924261
Conc: 9.10 ng/ml



#8 Heptachlor epoxide

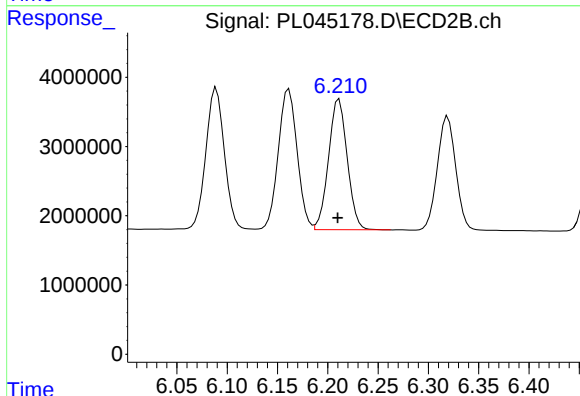
R.T.: 5.856 min
Delta R.T.: 0.002 min
Response: 24610957
Conc: 10.25 ng/ml



#9 Endosulfan I

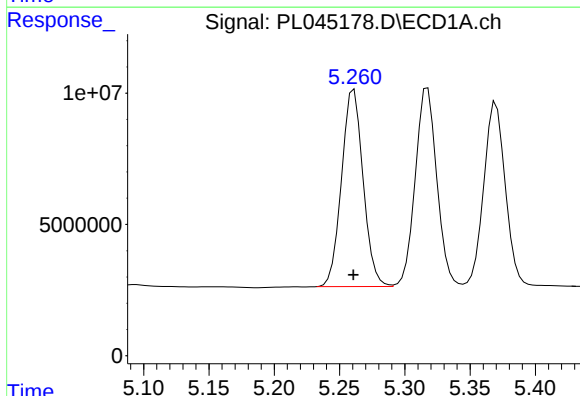
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 80614593
Conc: 9.02 ng/ml

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



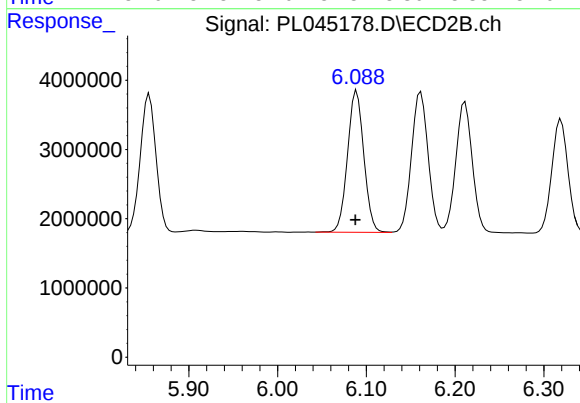
#9 Endosulfan I

R.T.: 6.211 min
Delta R.T.: 0.001 min
Response: 24350620
Conc: 9.78 ng/ml



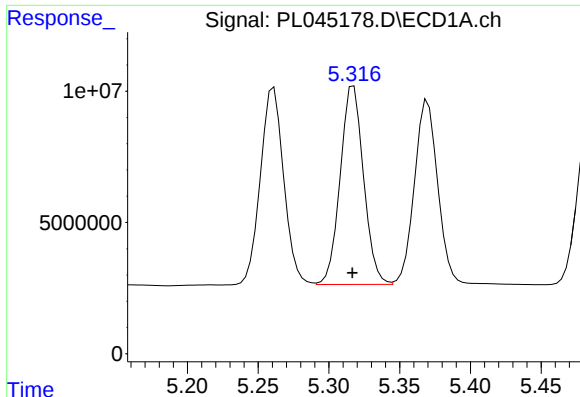
#10 gamma-Chlordane

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 86334759
Conc: 8.82 ng/ml



#10 gamma-Chlordane

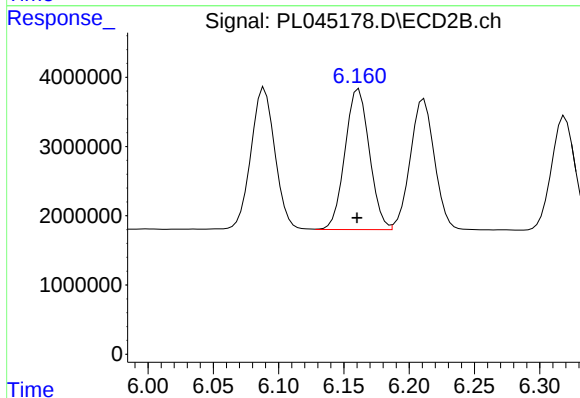
R.T.: 6.089 min
Delta R.T.: 0.002 min
Response: 26046184
Conc: 9.71 ng/ml



#11 alpha-Chlordane

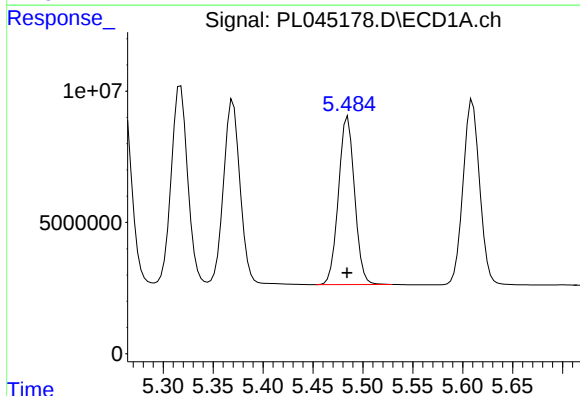
R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 86985489
Conc: 8.97 ng/ml

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



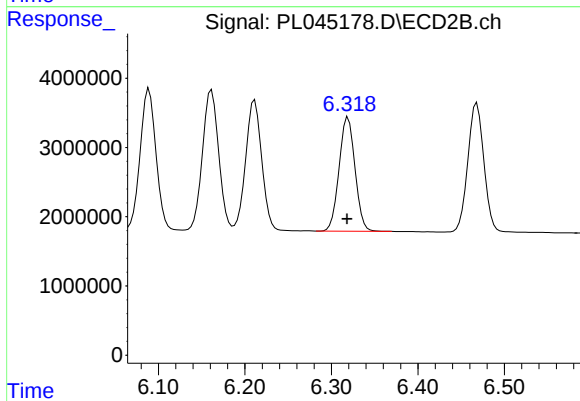
#11 alpha-Chlordane

R.T.: 6.161 min
Delta R.T.: 0.001 min
Response: 26446422
Conc: 9.80 ng/ml



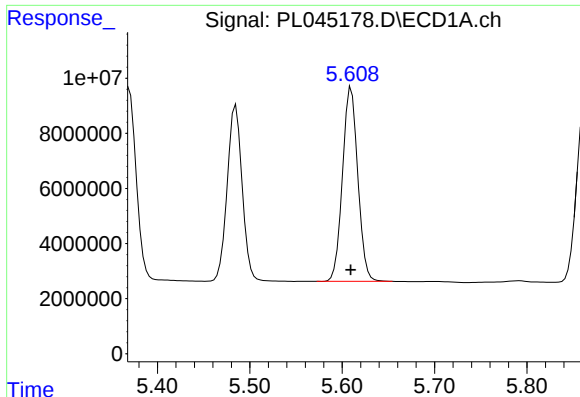
#12 4,4'-DDE

R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 71781145
Conc: 8.18 ng/ml



#12 4,4'-DDE

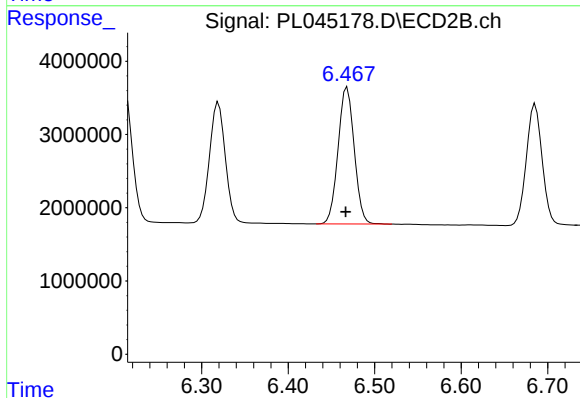
R.T.: 6.319 min
Delta R.T.: 0.001 min
Response: 20917869
Conc: 8.95 ng/ml



#13 Dieldrin

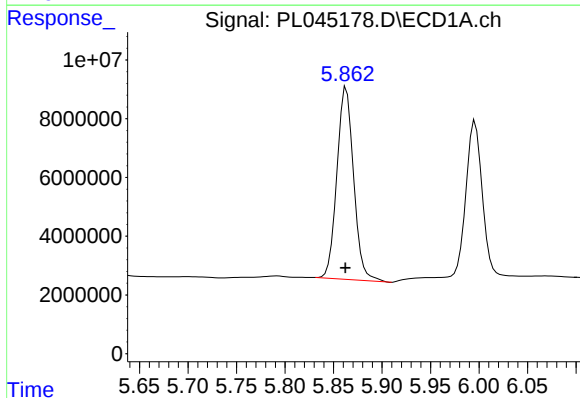
R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 81235615
Conc: 8.50 ng/ml

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



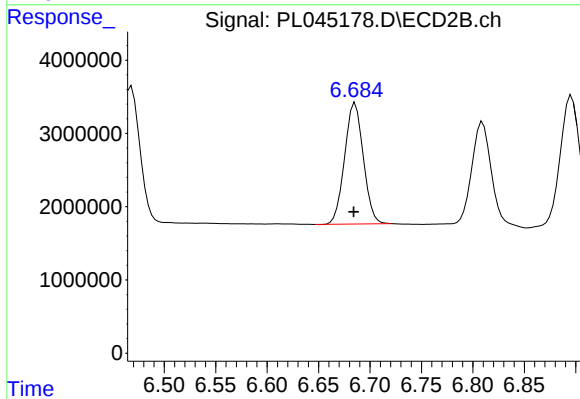
#13 Dieldrin

R.T.: 6.468 min
Delta R.T.: 0.001 min
Response: 24067884
Conc: 9.37 ng/ml



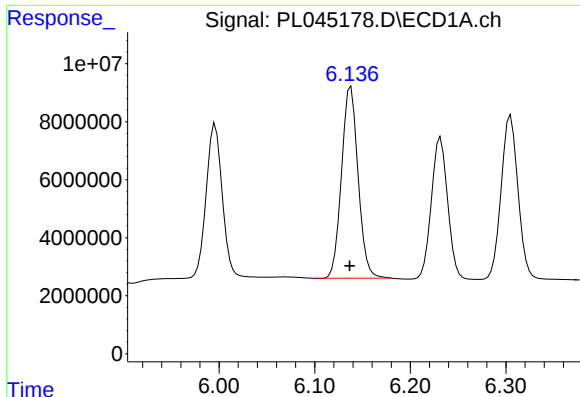
#14 Endrin

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 78659322
Conc: 8.73 ng/ml



#14 Endrin

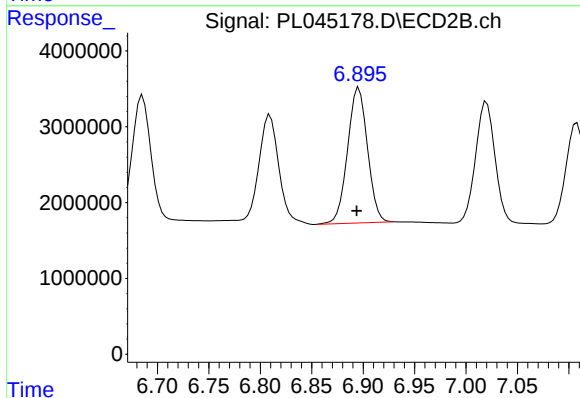
R.T.: 6.686 min
Delta R.T.: 0.002 min
Response: 20914073
Conc: 9.19 ng/ml



#15 Endosulfan II

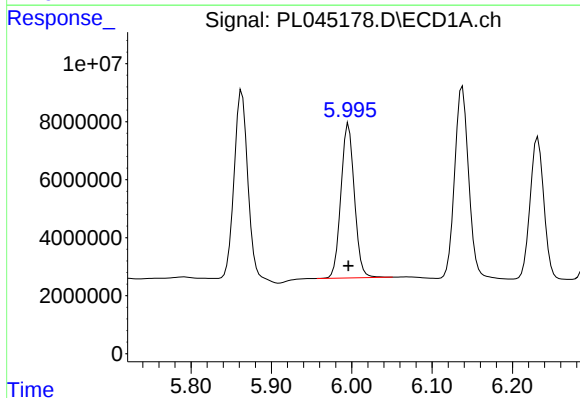
R.T.: 6.138 min
Delta R.T.: 0.001 min
Response: 79830751
Conc: 9.21 ng/ml

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



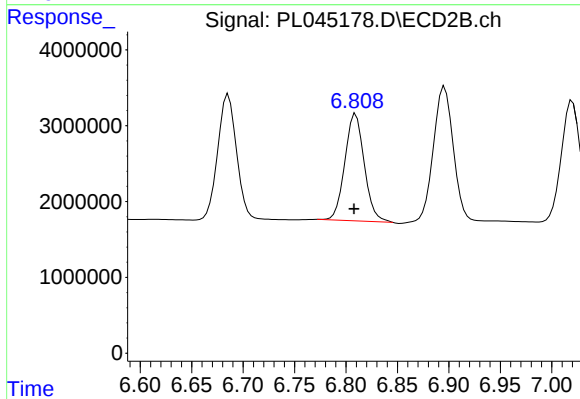
#15 Endosulfan II

R.T.: 6.896 min
Delta R.T.: 0.002 min
Response: 24155963
Conc: 10.27 ng/ml



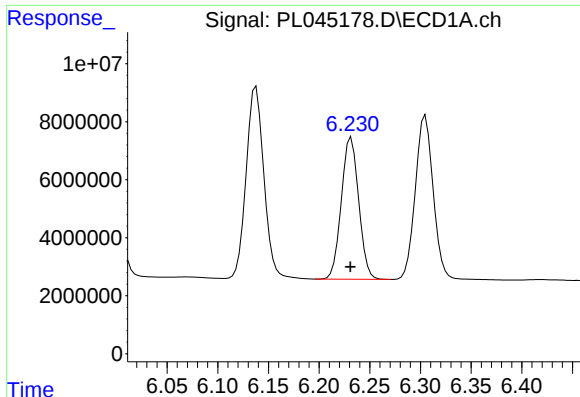
#16 4,4'-DDD

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 61877717
Conc: 8.45 ng/ml



#16 4,4'-DDD

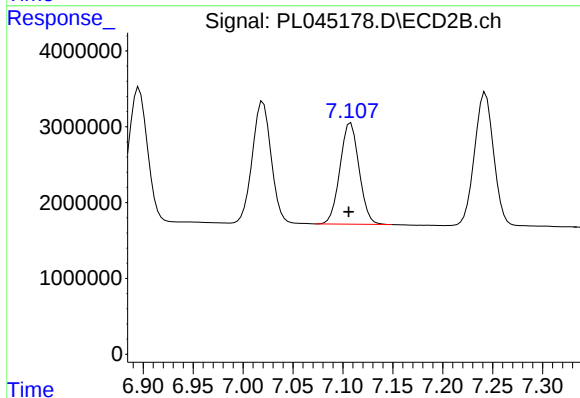
R.T.: 6.809 min
Delta R.T.: 0.002 min
Response: 18528116
Conc: 9.63 ng/ml



#17 4,4'-DDT

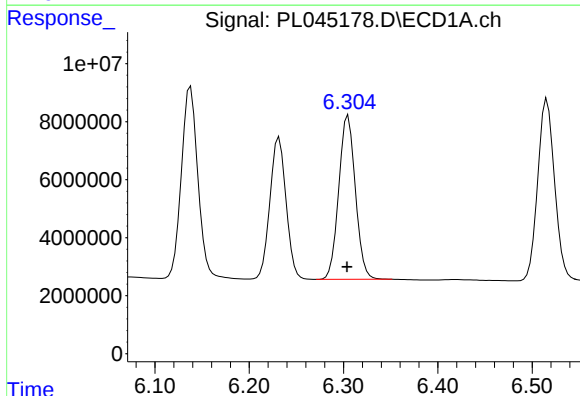
R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 58149796
Conc: 7.75 ng/ml

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



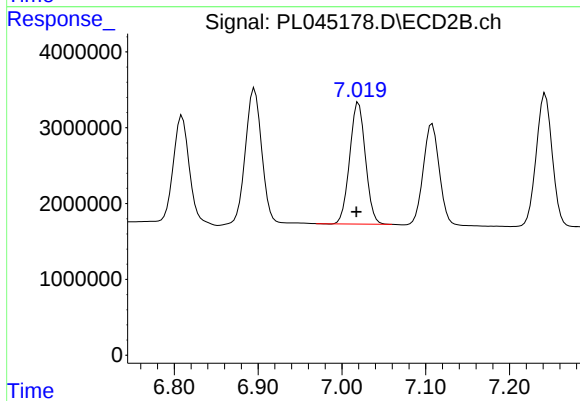
#17 4,4'-DDT

R.T.: 7.108 min
Delta R.T.: 0.002 min
Response: 17800291
Conc: 9.02 ng/ml



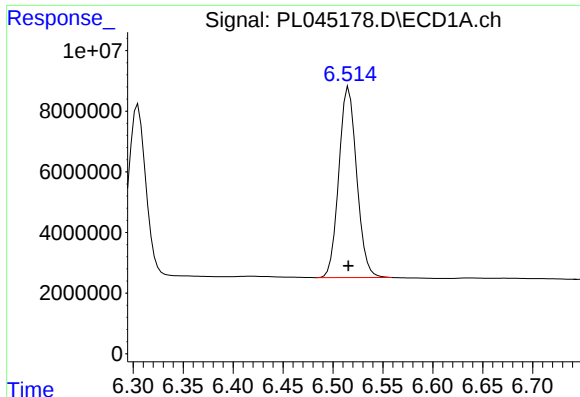
#18 Endrin aldehyde

R.T.: 6.305 min
Delta R.T.: 0.001 min
Response: 69211330
Conc: 9.47 ng/ml



#18 Endrin aldehyde

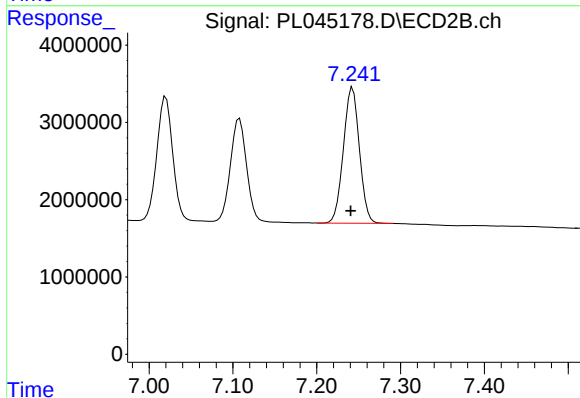
R.T.: 7.020 min
Delta R.T.: 0.003 min
Response: 20949149
Conc: 10.25 ng/ml



#19 Endosulfan Sulfate

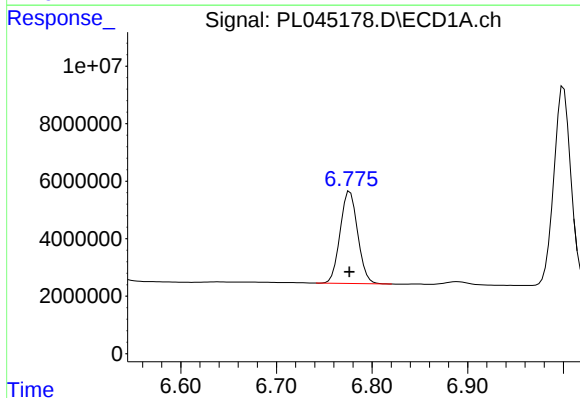
R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 78198889
Conc: 9.62 ng/ml

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



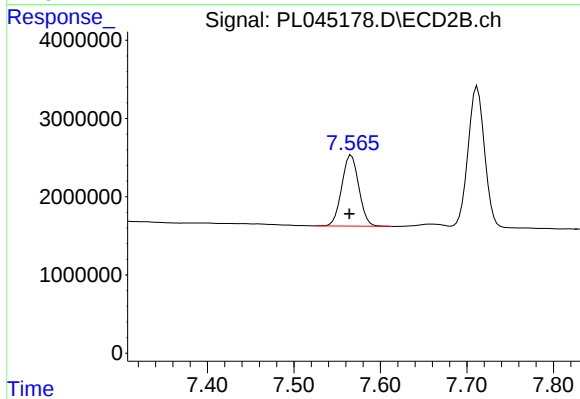
#19 Endosulfan Sulfate

R.T.: 7.243 min
Delta R.T.: 0.002 min
Response: 23364736
Conc: 10.39 ng/ml



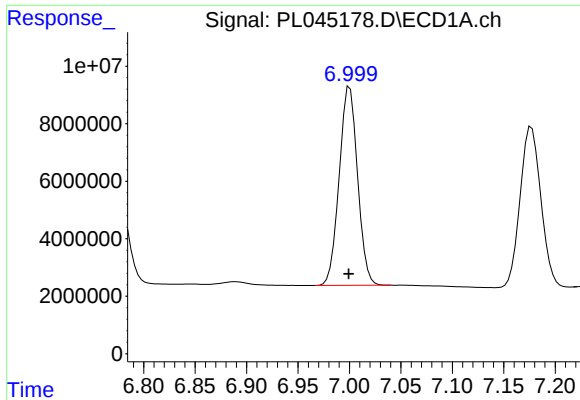
#20 Methoxychlor

R.T.: 6.777 min
Delta R.T.: 0.000 min
Response: 40972733
Conc: 9.33 ng/ml



#20 Methoxychlor

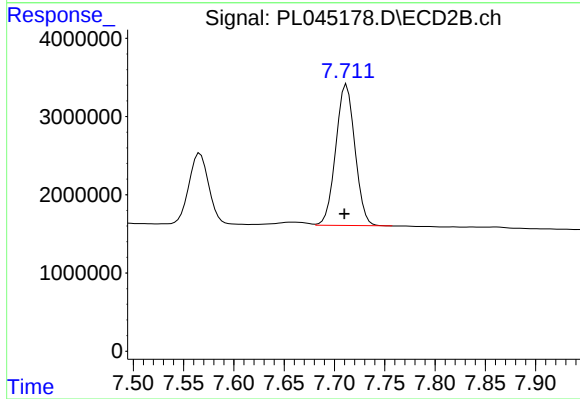
R.T.: 7.566 min
Delta R.T.: 0.002 min
Response: 12358442
Conc: 10.07 ng/ml



#21 Endrin ketone

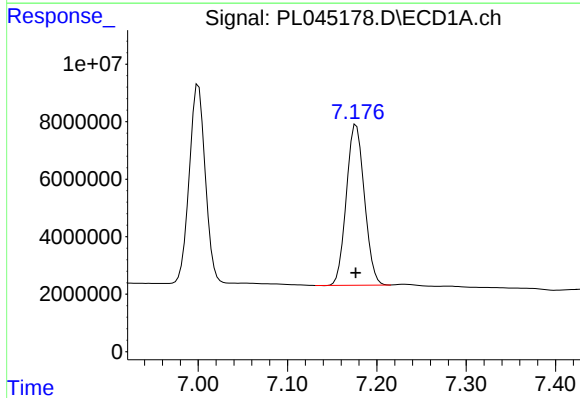
R.T.: 7.000 min
Delta R.T.: 0.001 min
Response: 85914294
Conc: 9.33 ng/ml

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



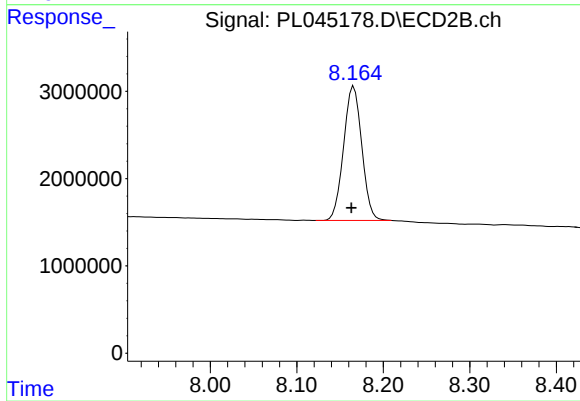
#21 Endrin ketone

R.T.: 7.712 min
Delta R.T.: 0.002 min
Response: 23862741
Conc: 10.03 ng/ml



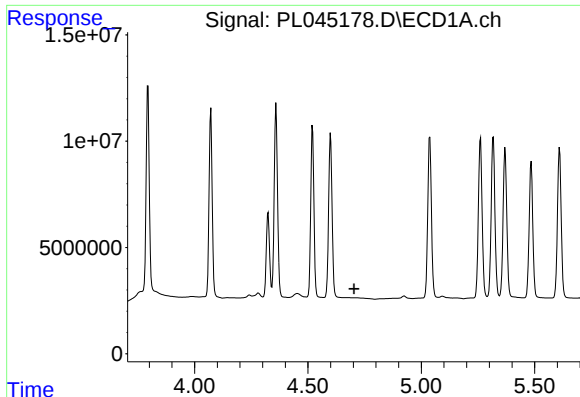
#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 78455407
Conc: 10.54 ng/ml



#22 Mirex

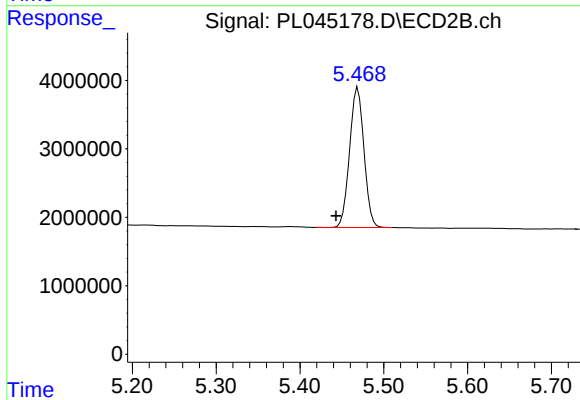
R.T.: 8.166 min
Delta R.T.: 0.003 min
Response: 22352710
Conc: 11.22 ng/ml



#24 Chlordane-2

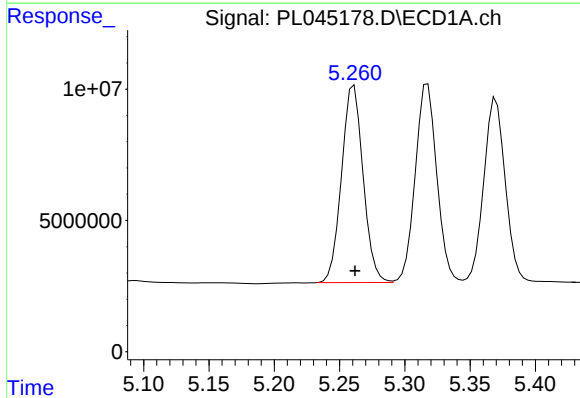
R.T.: 0.000 min
Exp R.T.: 4.704 min
Response: 0
Conc: N.D.

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



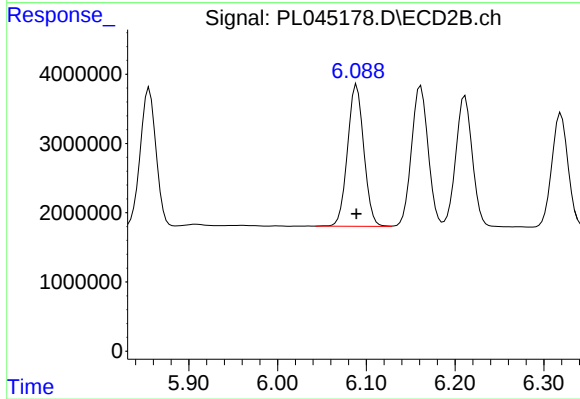
#24 Chlordane-2

R.T.: 5.469 min
Delta R.T.: 0.026 min
Response: 24404352
Conc: 201.97 ng/ml



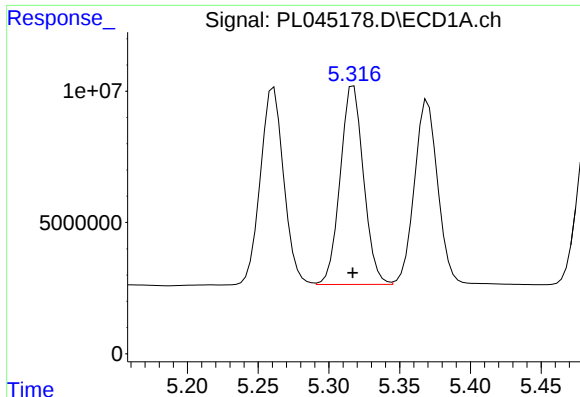
#25 Chlordane-3

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 86334759
Conc: 75.27 ng/ml



#25 Chlordane-3

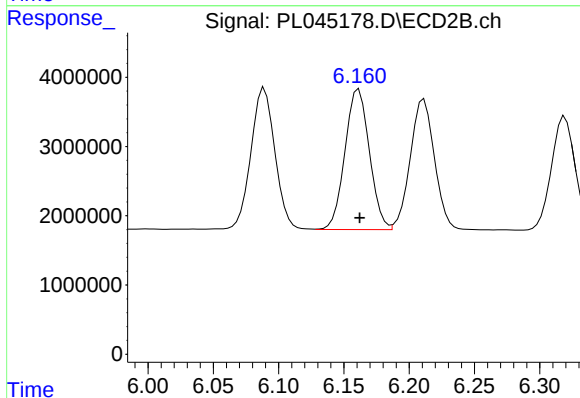
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 26046184
Conc: 66.85 ng/ml



#26 Chlordane-4

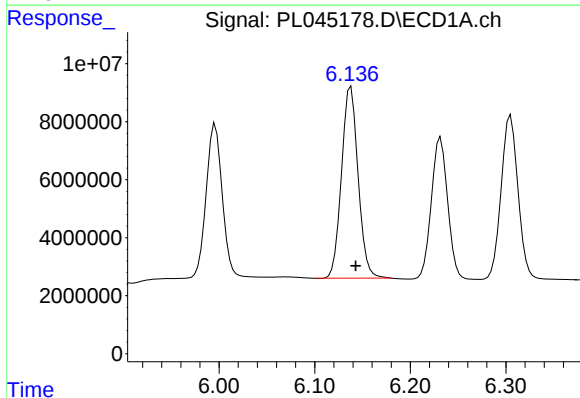
R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 86985489
Conc: 82.06 ng/ml

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



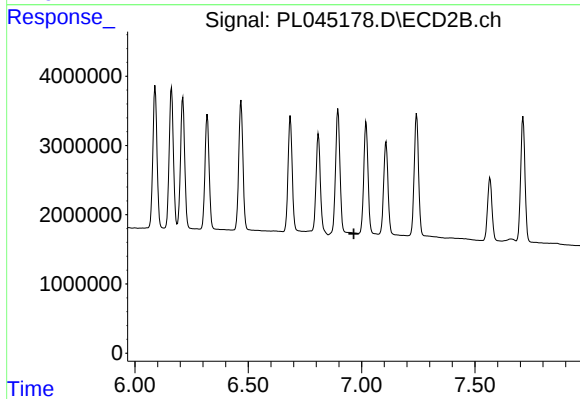
#26 Chlordane-4

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 26446422
Conc: 56.53 ng/ml



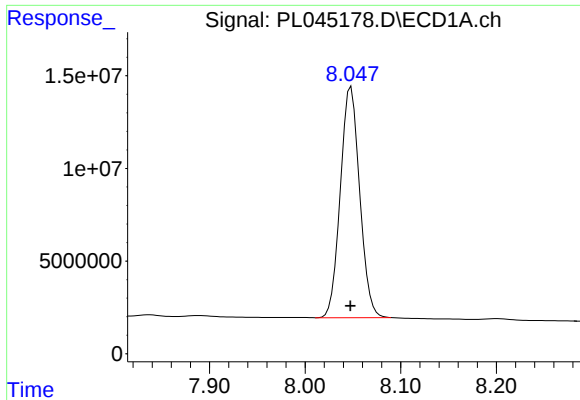
#27 Chlordane-5

R.T.: 6.138 min
Delta R.T.: -0.005 min
Response: 79830751
Conc: 231.16 ng/ml



#27 Chlordane-5

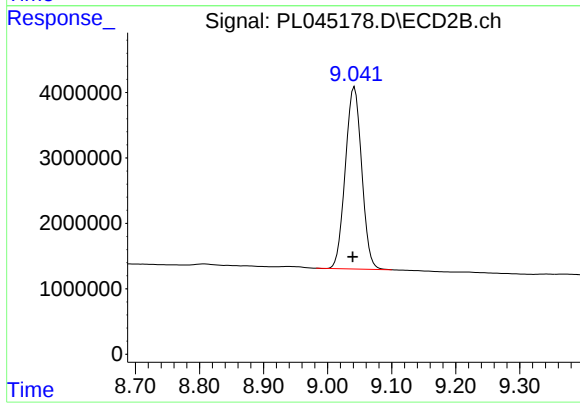
R.T.: 0.000 min
Exp R.T.: 6.966 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.048 min
Delta R.T.: 0.000 min
Response: 175610086
Conc: 20.99 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 9.042 min
Delta R.T.: 0.003 min
Response: 49254464
Conc: 21.56 ng/ml