

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041219\
 Data File : PL047326.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2019 15:43
 Operator : AJ\SJ
 Sample : K2241-08
 Misc : LOQ 10 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 23:26:20 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...	3.356	3.975	154.5E6	48581059	21.237	21.218
28)	SA Decachlor...	8.032	9.026	201.4E6	57763012	23.945	24.914
Target Compounds							
2)	A alpha-BHC	3.785	4.365	124.2E6	29432985	10.651	9.160
3)	MA gamma-BHC...	4.062	4.649	100.5E6	28714306	9.353	9.594
4)	MA Heptachlor	4.349	5.155	114.4E6	33040483	10.372	10.742
5)	MB Aldrin	4.589	5.459	103.5E6	29773065	10.030	10.392
6)	B beta-BHC	4.316	4.822	47073059	14048621	10.455	10.597
7)	B delta-BHC	4.511	5.037	90861068	18686060	8.976	8.054
8)	B Heptachlor...	5.027	5.845	102.4E6	27482391	10.495	10.421
9)	A Endosulfan I	5.359	6.201	96697701	28213010	10.284	10.810
10)	B gamma-Chl...	5.250	6.079	104.4E6	30788822	10.164	10.848
11)	B alpha-Chl...	5.305	6.151	104.3E6	30908035	10.285	10.896
12)	B 4,4'-DDE	5.472	6.309	88574985	25464455	9.620	10.258
13)	MA Dieldrin	5.597	6.458	98352793	27750206	9.800	10.237
14)	MA Endrin	5.851	6.675	92088310	25160542	9.777	10.528
15)	B Endosulfa...	6.126	6.886	91203675	26474533	10.179	10.972
16)	A 4,4'-DDD	5.984	6.800	73896557	20950646	9.776	10.413
17)	MA 4,4'-DDT	6.219	7.097	70125645	21251239	9.258	10.134
18)	B Endrin al...	6.292	7.010	78598111	23816099	10.487	11.213
19)	B Endosulfa...	6.504	7.232	90558609	27214486	11.029	11.536
20)	A Methoxychlor	6.763	7.556	45896217	14719240	10.799	11.547
21)	B Endrin ke...	6.987	7.702	96990269	27988846	10.489	11.265
22)	Mirex	7.163	8.154	84546174	25253105	11.605	12.625
24)	Chlordane-2	0.000	5.459f	0	29773065	N.D.	254.886 #
25)	Chlordane-3	5.250	6.079	104.4E6	30788822	93.757	80.754
26)	Chlordane-4	5.305	6.151	104.3E6	30908035	100.845	66.984 #
27)	Chlordane-5	6.126	0.000	91203675	0	267.250	N.D. #

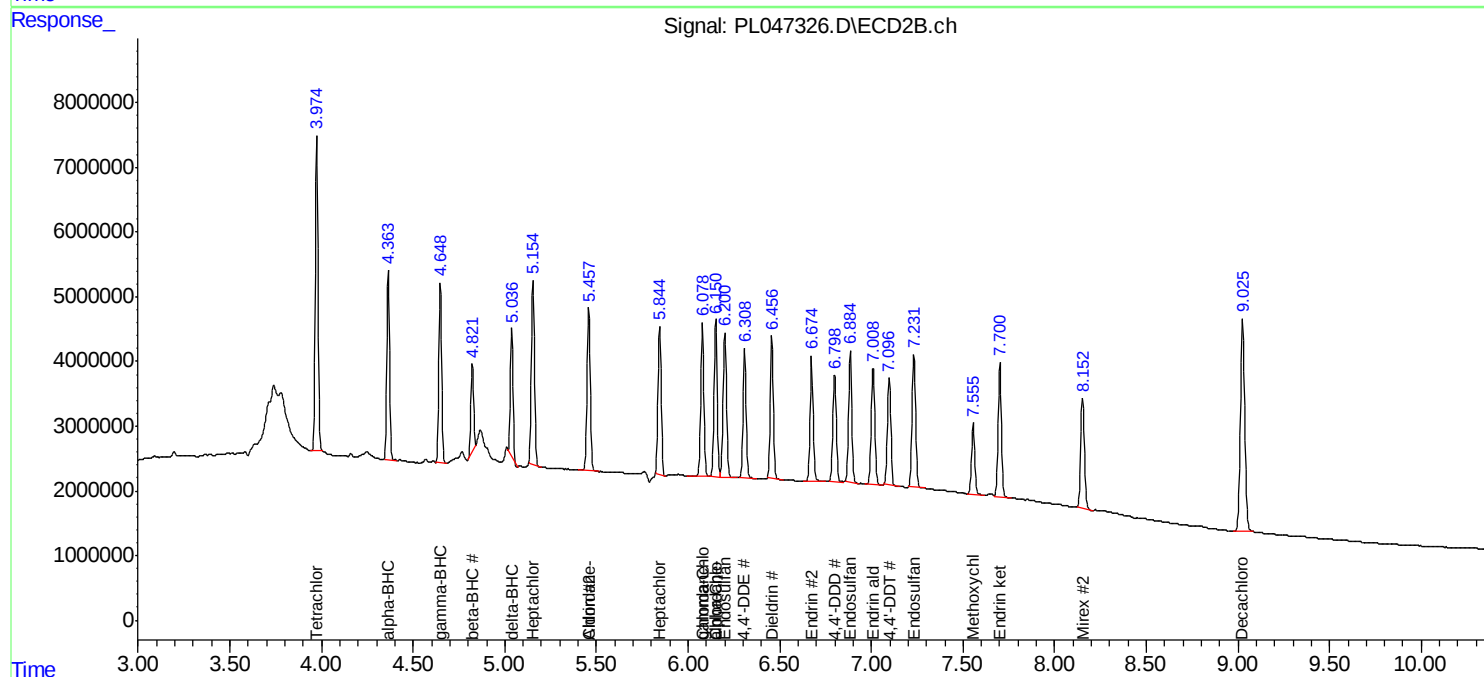
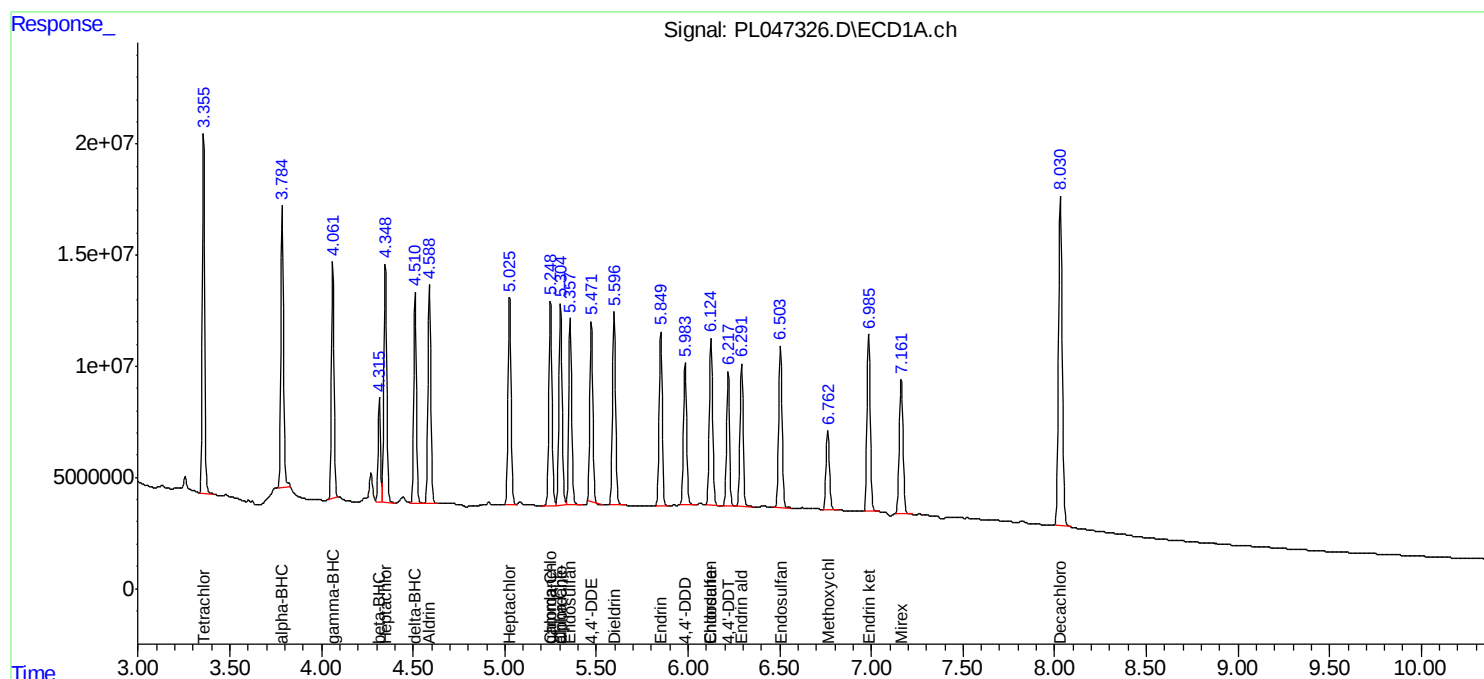
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

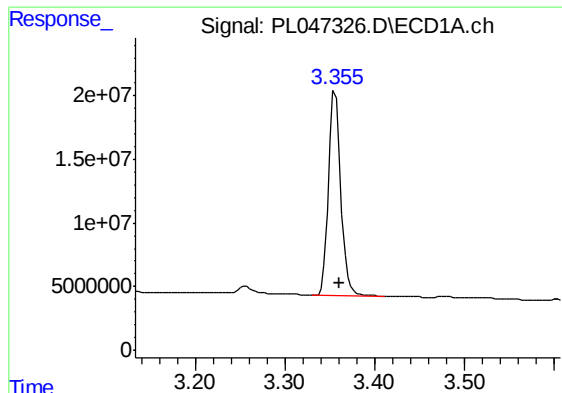
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041219\
Data File : PL047326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Apr 2019 15:43
Operator : AJ\SJ
Sample : K2241-08
Misc : LOQ 10 PPB
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 23:26:20 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

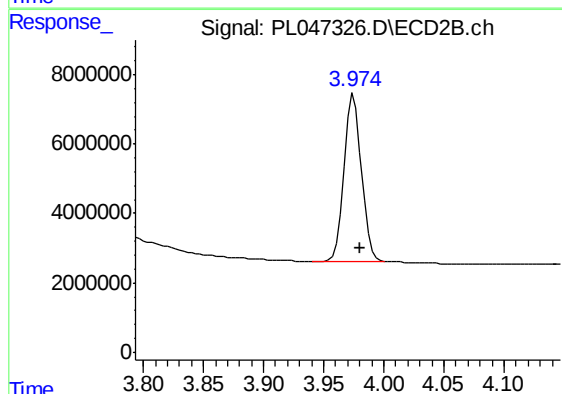




#1 Tetrachloro-m-xylene

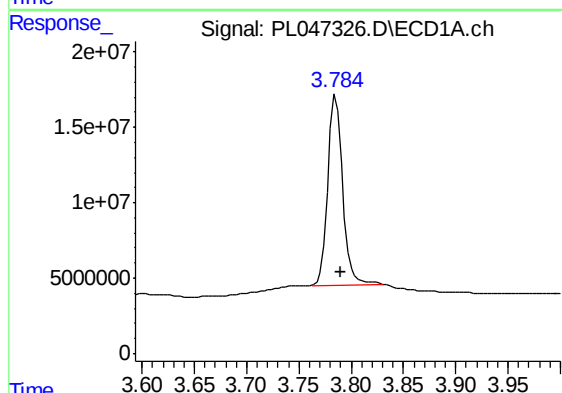
R.T.: 3.356 min
Delta R.T.: -0.005 min
Response: 154494591
Conc: 21.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



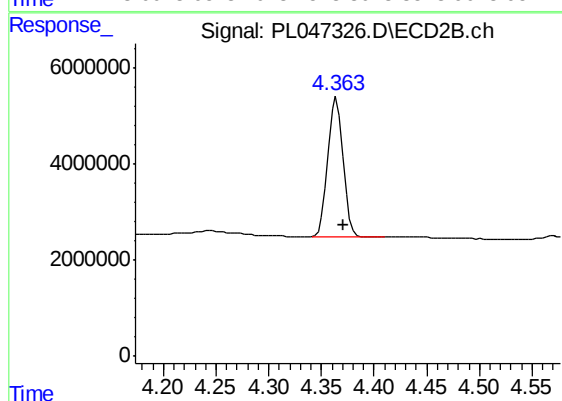
#1 Tetrachloro-m-xylene

R.T.: 3.975 min
Delta R.T.: -0.005 min
Response: 48581059
Conc: 21.22 ng/ml



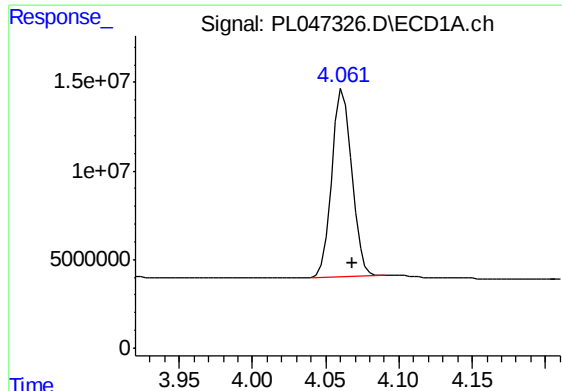
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: -0.005 min
Response: 124208558
Conc: 10.65 ng/ml



#2 alpha-BHC

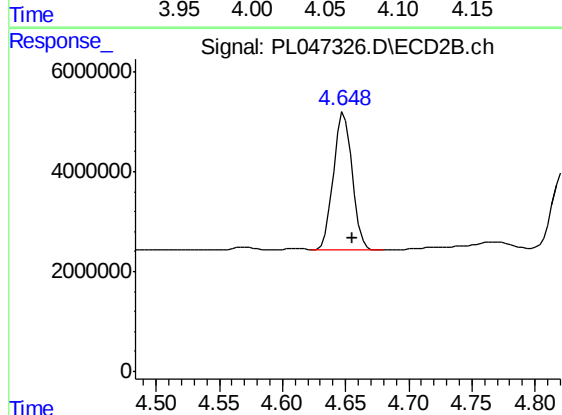
R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 29432985
Conc: 9.16 ng/ml



#3 gamma-BHC (Lindane)

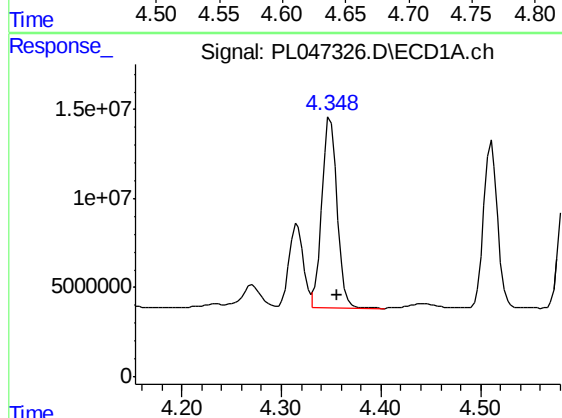
R.T.: 4.062 min
Delta R.T.: -0.006 min
Response: 100488326
Conc: 9.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



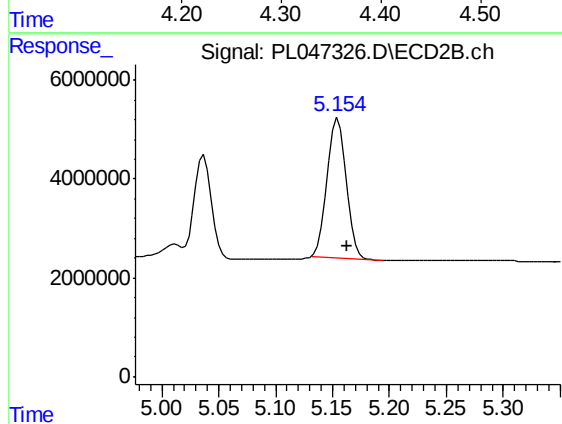
#3 gamma-BHC (Lindane)

R.T.: 4.649 min
Delta R.T.: -0.007 min
Response: 28714306
Conc: 9.59 ng/ml



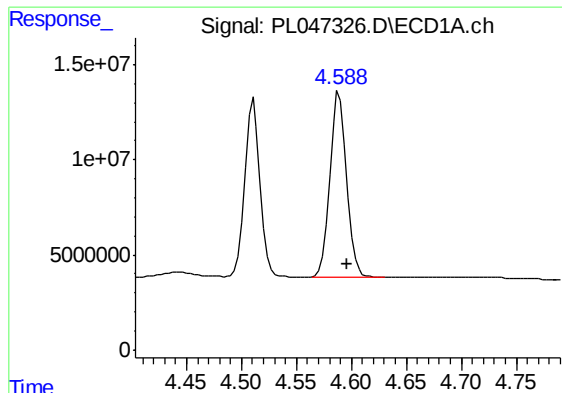
#4 Heptachlor

R.T.: 4.349 min
Delta R.T.: -0.006 min
Response: 114354319
Conc: 10.37 ng/ml



#4 Heptachlor

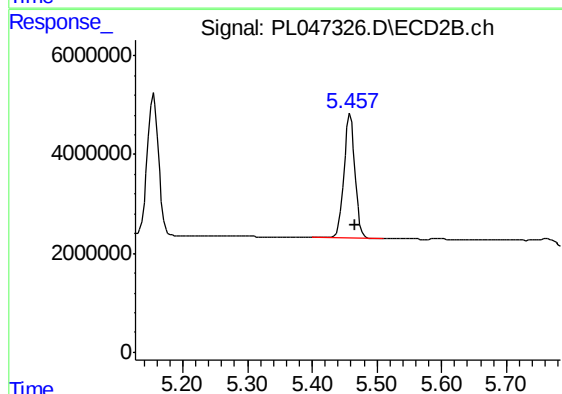
R.T.: 5.155 min
Delta R.T.: -0.008 min
Response: 33040483
Conc: 10.74 ng/ml



#5 Aldrin

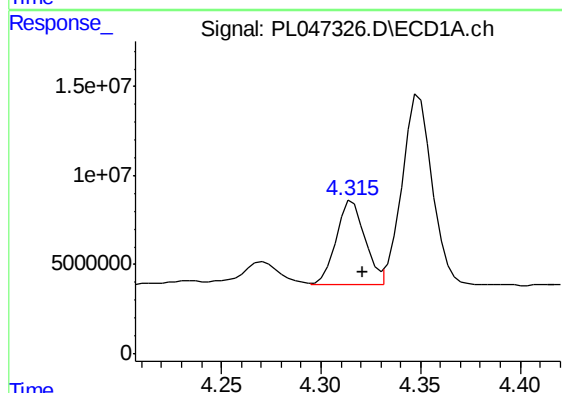
R.T.: 4.589 min
Delta R.T.: -0.007 min
Response: 103457724
Conc: 10.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



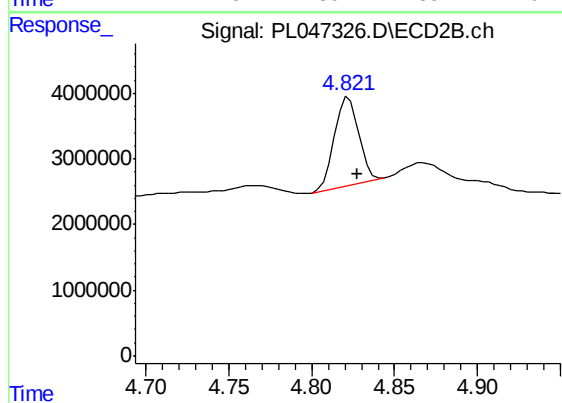
#5 Aldrin

R.T.: 5.459 min
Delta R.T.: -0.008 min
Response: 29773065
Conc: 10.39 ng/ml



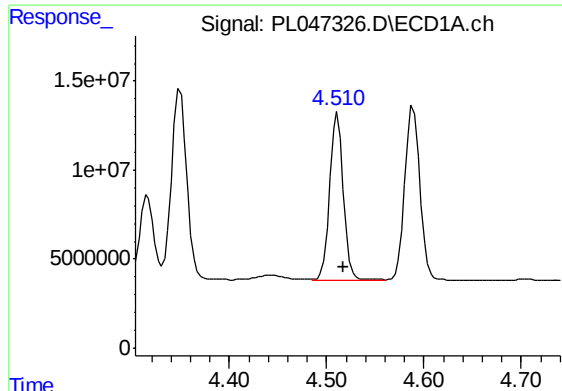
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: -0.005 min
Response: 47073059
Conc: 10.46 ng/ml



#6 beta-BHC

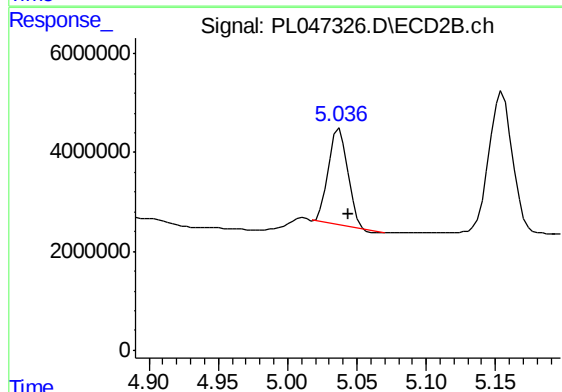
R.T.: 4.822 min
Delta R.T.: -0.005 min
Response: 14048621
Conc: 10.60 ng/ml



#7 delta-BHC

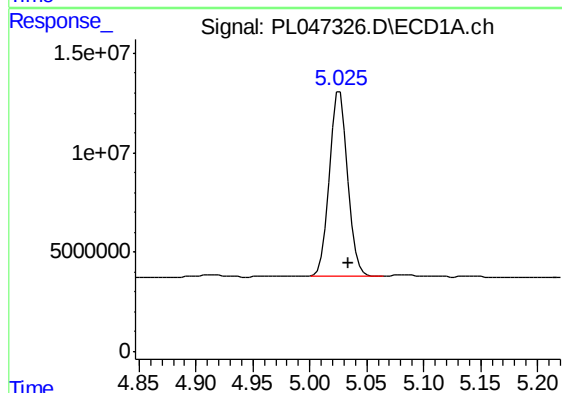
R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 90861068
Conc: 8.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



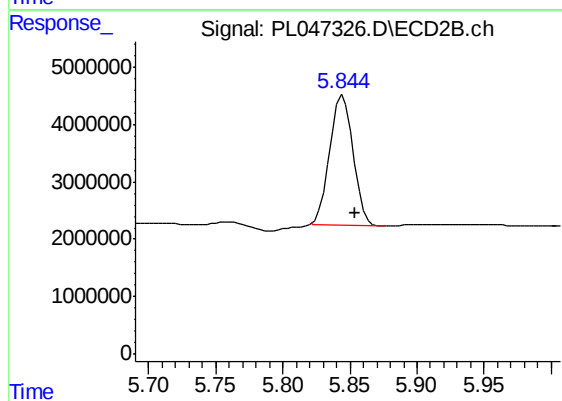
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: -0.007 min
Response: 18686060
Conc: 8.05 ng/ml



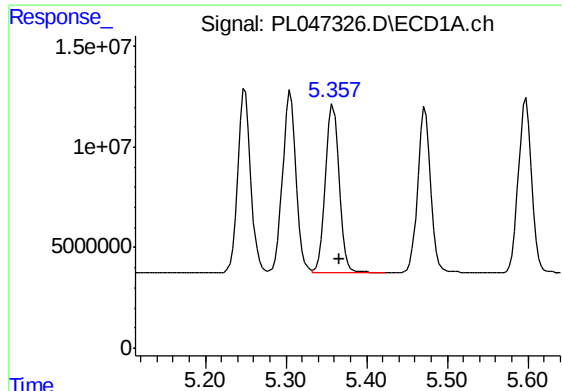
#8 Heptachlor epoxide

R.T.: 5.027 min
Delta R.T.: -0.007 min
Response: 102361079
Conc: 10.49 ng/ml



#8 Heptachlor epoxide

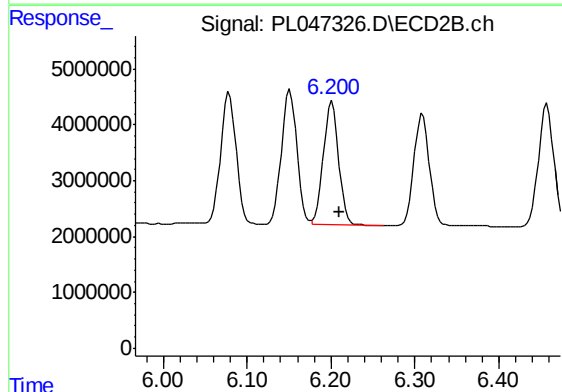
R.T.: 5.845 min
Delta R.T.: -0.009 min
Response: 27482391
Conc: 10.42 ng/ml



#9 Endosulfan I

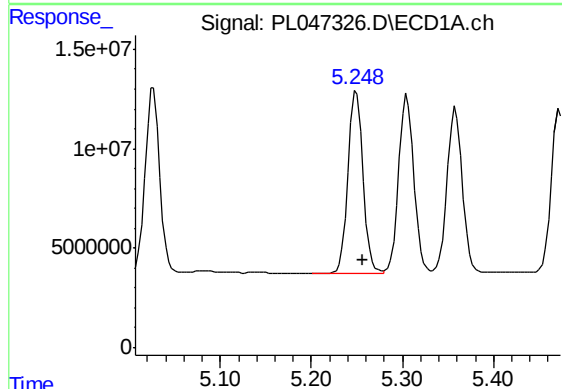
R.T.: 5.359 min
Delta R.T.: -0.008 min
Response: 96697701
Conc: 10.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



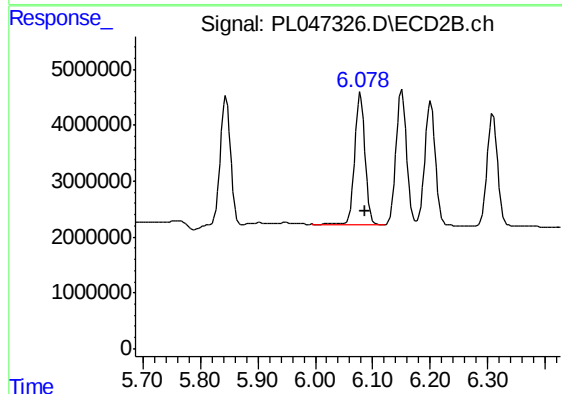
#9 Endosulfan I

R.T.: 6.201 min
Delta R.T.: -0.009 min
Response: 28213010
Conc: 10.81 ng/ml



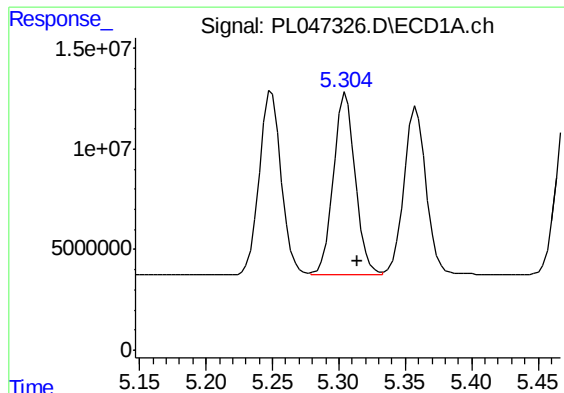
#10 gamma-Chlordane

R.T.: 5.250 min
Delta R.T.: -0.007 min
Response: 104414793
Conc: 10.16 ng/ml



#10 gamma-Chlordane

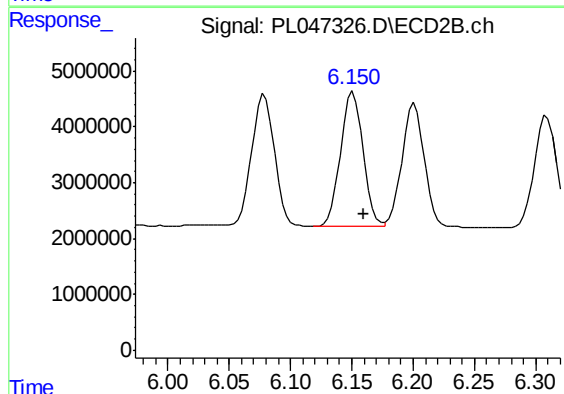
R.T.: 6.079 min
Delta R.T.: -0.009 min
Response: 30788822
Conc: 10.85 ng/ml



#11 alpha-Chlordane

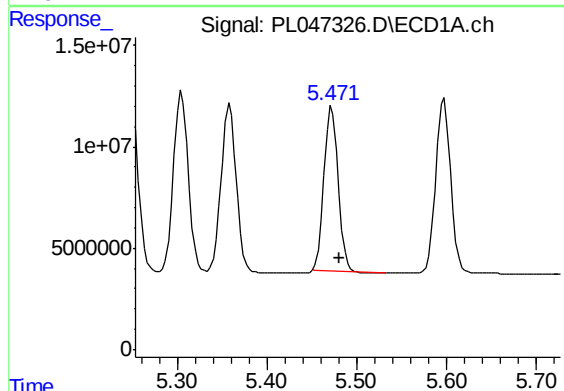
R.T.: 5.305 min
Delta R.T.: -0.009 min
Response: 104279542
Conc: 10.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



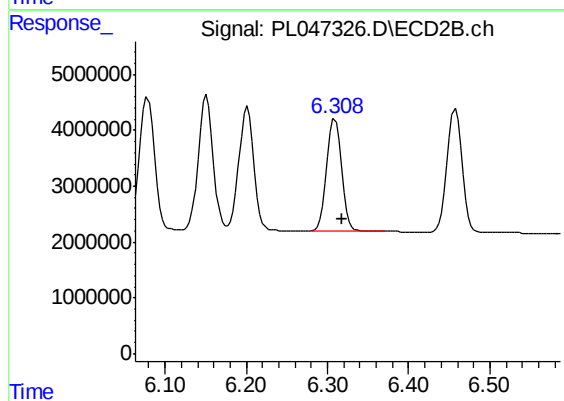
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 30908035
Conc: 10.90 ng/ml



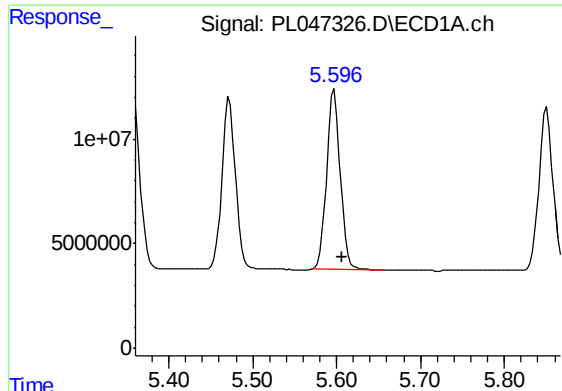
#12 4,4'-DDE

R.T.: 5.472 min
Delta R.T.: -0.008 min
Response: 88574985
Conc: 9.62 ng/ml



#12 4,4'-DDE

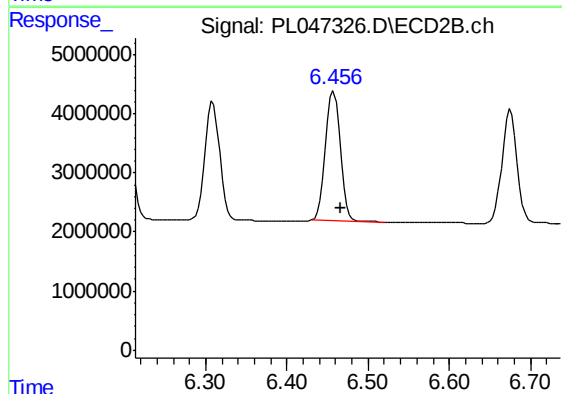
R.T.: 6.309 min
Delta R.T.: -0.009 min
Response: 25464455
Conc: 10.26 ng/ml



#13 Dieldrin

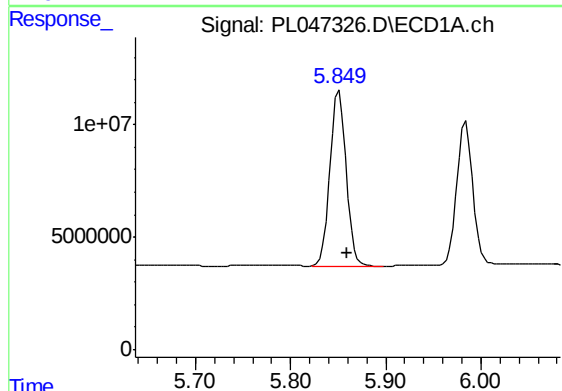
R.T.: 5.597 min
Delta R.T.: -0.009 min
Response: 98352793
Conc: 9.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



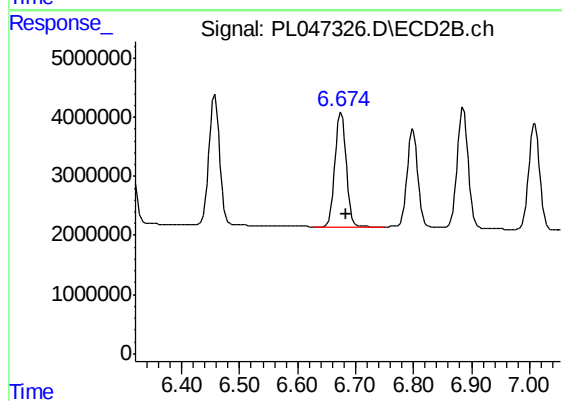
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 27750206
Conc: 10.24 ng/ml



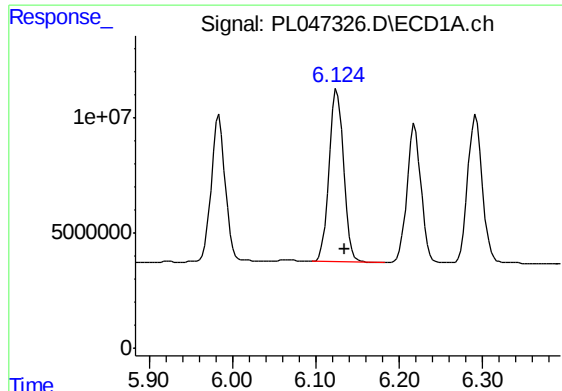
#14 Endrin

R.T.: 5.851 min
Delta R.T.: -0.009 min
Response: 92088310
Conc: 9.78 ng/ml



#14 Endrin

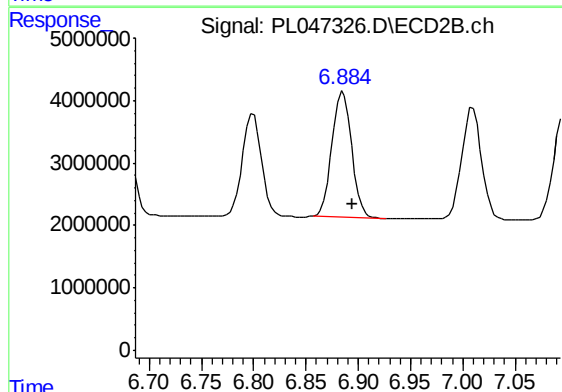
R.T.: 6.675 min
Delta R.T.: -0.009 min
Response: 25160542
Conc: 10.53 ng/ml



#15 Endosulfan II

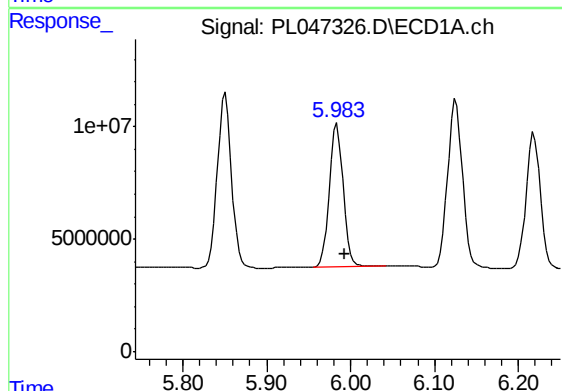
R.T.: 6.126 min
Delta R.T.: -0.008 min
Response: 91203675
Conc: 10.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



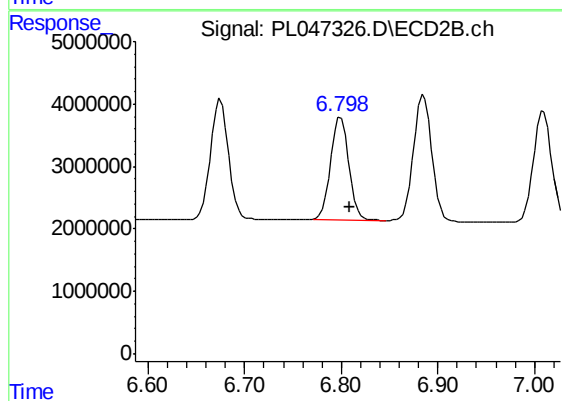
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 26474533
Conc: 10.97 ng/ml



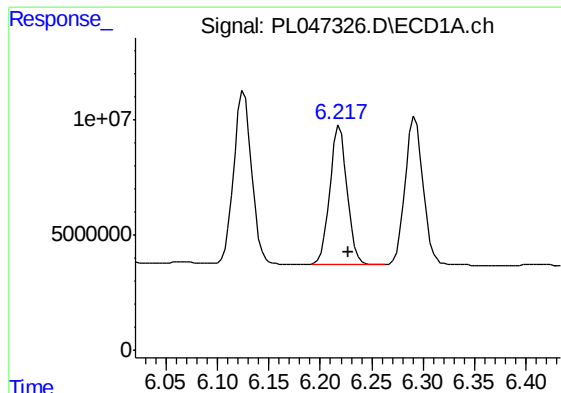
#16 4,4'-DDD

R.T.: 5.984 min
Delta R.T.: -0.009 min
Response: 73896557
Conc: 9.78 ng/ml



#16 4,4'-DDD

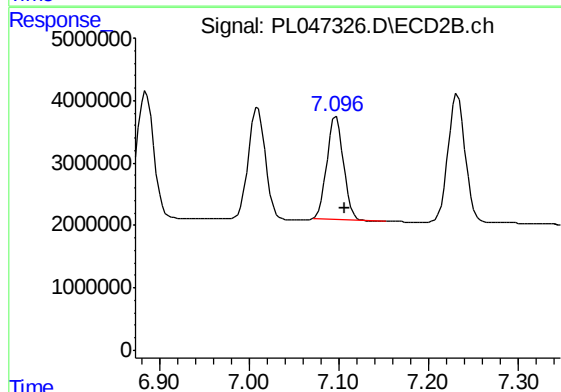
R.T.: 6.800 min
Delta R.T.: -0.009 min
Response: 20950646
Conc: 10.41 ng/ml



#17 4,4'-DDT

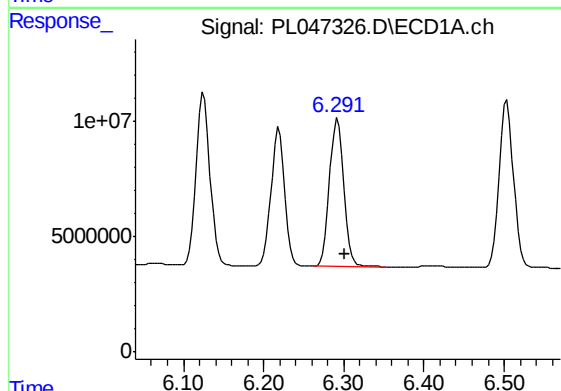
R.T.: 6.219 min
Delta R.T.: -0.009 min
Response: 70125645
Conc: 9.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



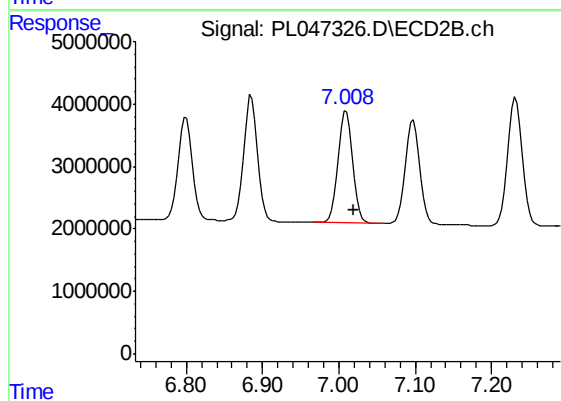
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: -0.010 min
Response: 21251239
Conc: 10.13 ng/ml



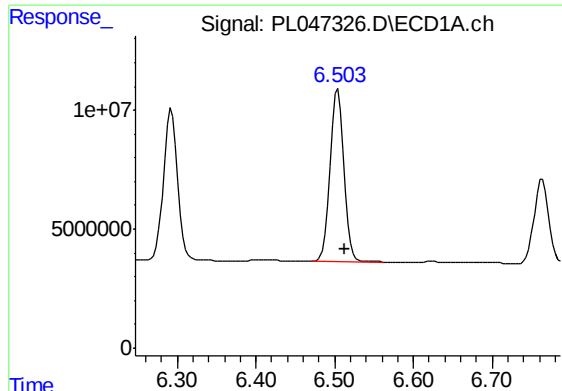
#18 Endrin aldehyde

R.T.: 6.292 min
Delta R.T.: -0.009 min
Response: 78598111
Conc: 10.49 ng/ml



#18 Endrin aldehyde

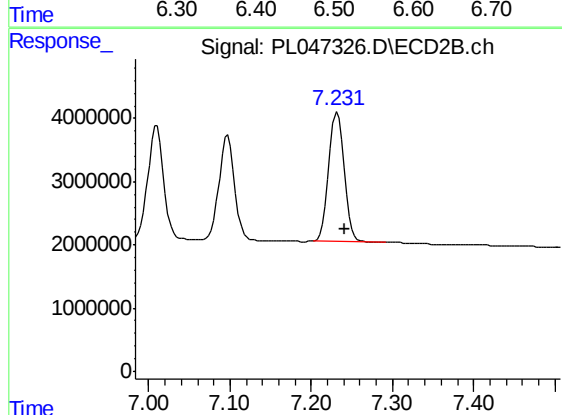
R.T.: 7.010 min
Delta R.T.: -0.009 min
Response: 23816099
Conc: 11.21 ng/ml



#19 Endosulfan Sulfate

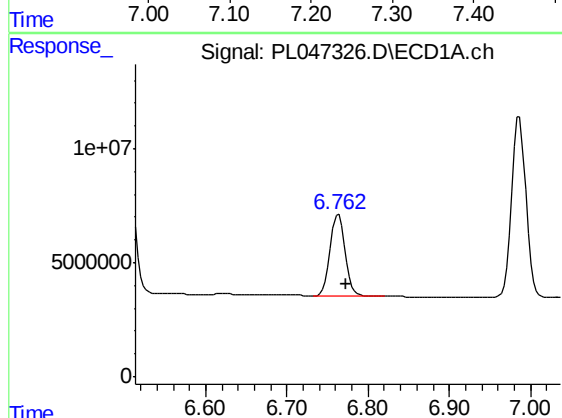
R.T.: 6.504 min
Delta R.T.: -0.009 min
Response: 90558609
Conc: 11.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



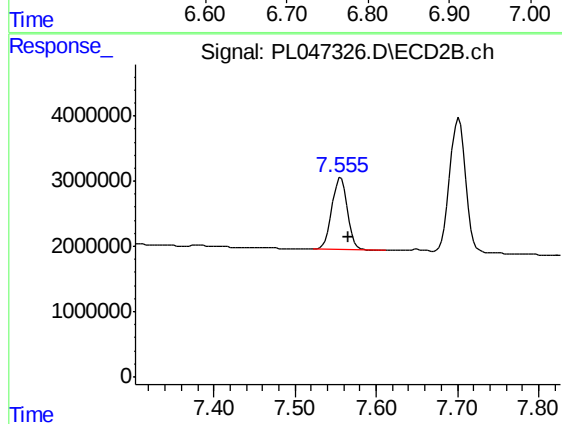
#19 Endosulfan Sulfate

R.T.: 7.232 min
Delta R.T.: -0.010 min
Response: 27214486
Conc: 11.54 ng/ml



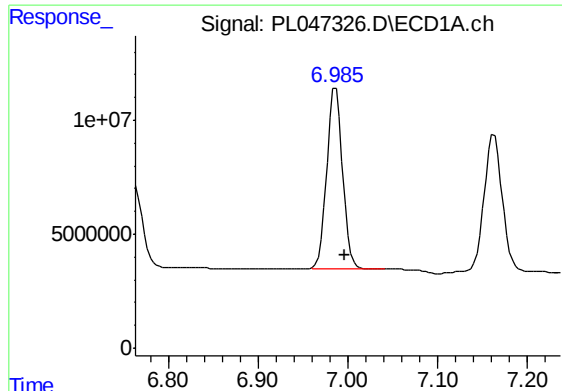
#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: -0.010 min
Response: 45896217
Conc: 10.80 ng/ml



#20 Methoxychlor

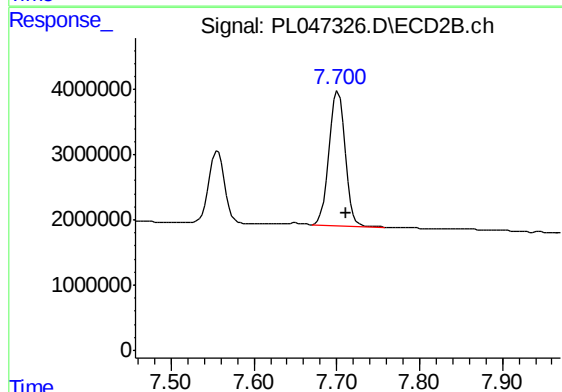
R.T.: 7.556 min
Delta R.T.: -0.009 min
Response: 14719240
Conc: 11.55 ng/ml



#21 Endrin ketone

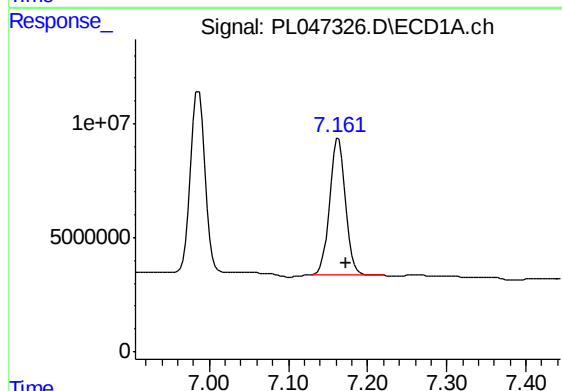
R.T.: 6.987 min
Delta R.T.: -0.010 min
Response: 96990269
Conc: 10.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



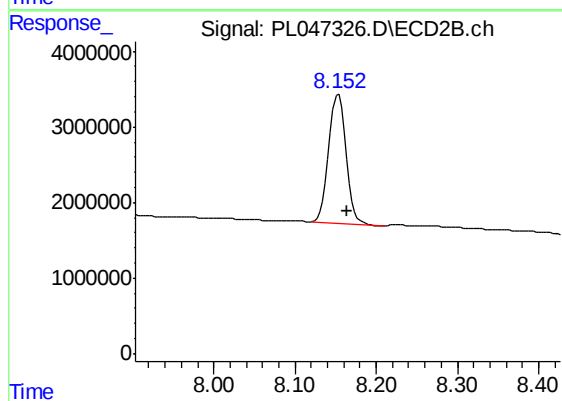
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: -0.010 min
Response: 27988846
Conc: 11.27 ng/ml



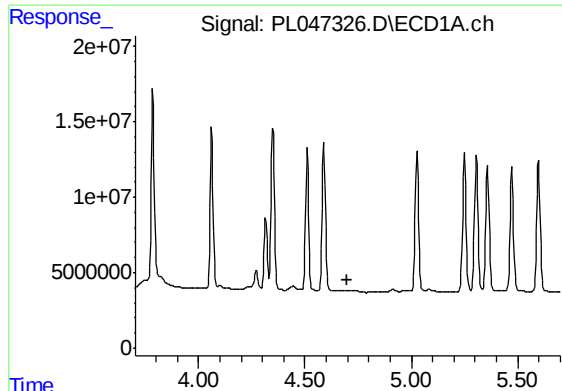
#22 Mirex

R.T.: 7.163 min
Delta R.T.: -0.010 min
Response: 84546174
Conc: 11.60 ng/ml



#22 Mirex

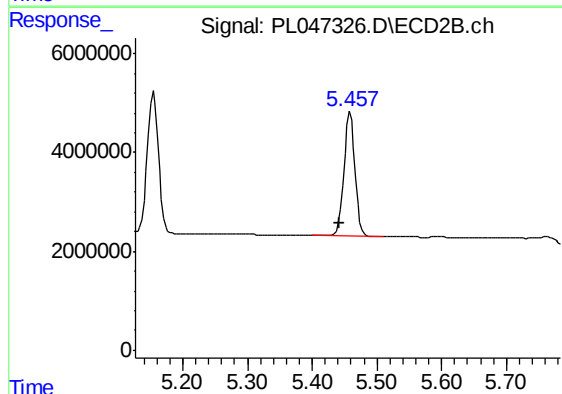
R.T.: 8.154 min
Delta R.T.: -0.011 min
Response: 25253105
Conc: 12.63 ng/ml



#24 Chlordane-2

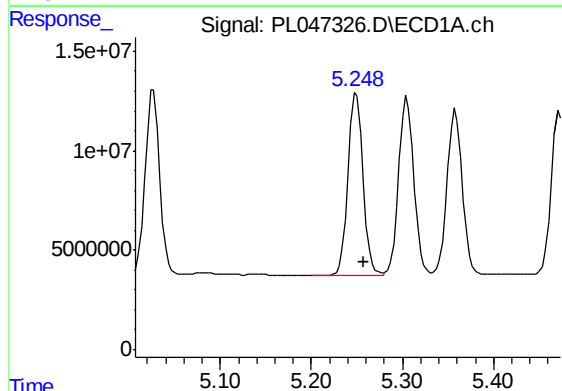
R.T.: 0.000 min
Exp R.T.: 4.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



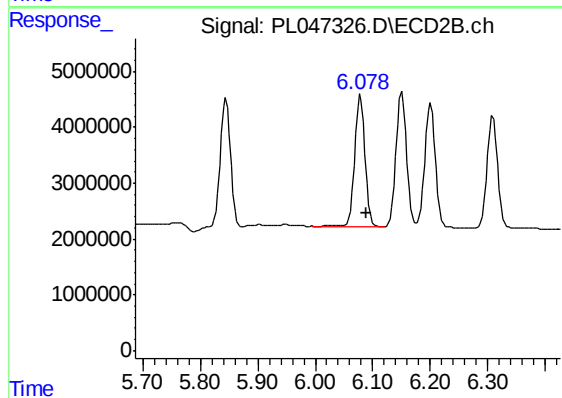
#24 Chlordane-2

R.T.: 5.459 min
Delta R.T.: 0.016 min
Response: 29773065
Conc: 254.89 ng/ml



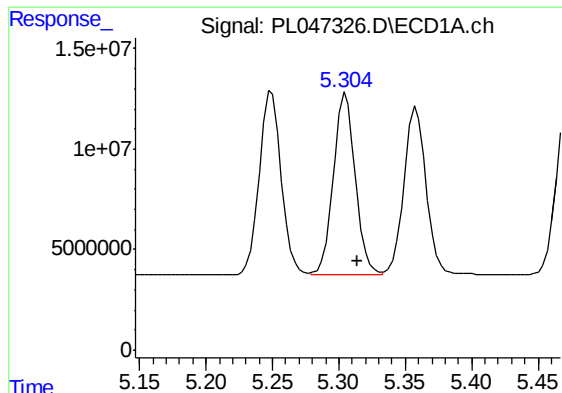
#25 Chlordane-3

R.T.: 5.250 min
Delta R.T.: -0.009 min
Response: 104414793
Conc: 93.76 ng/ml



#25 Chlordane-3

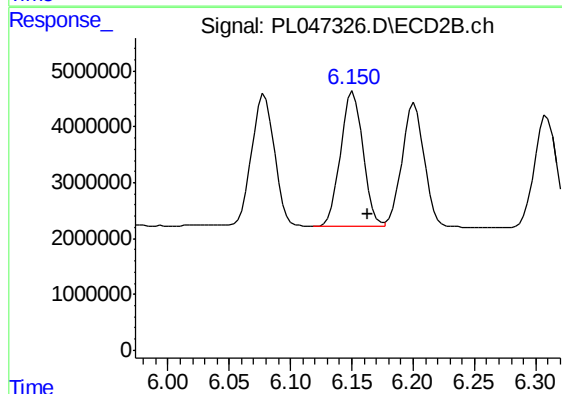
R.T.: 6.079 min
Delta R.T.: -0.010 min
Response: 30788822
Conc: 80.75 ng/ml



#26 Chlordane-4

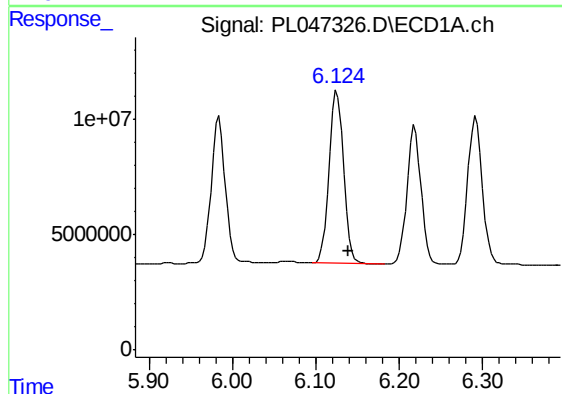
R.T.: 5.305 min
Delta R.T.: -0.009 min
Response: 104279542
Conc: 100.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



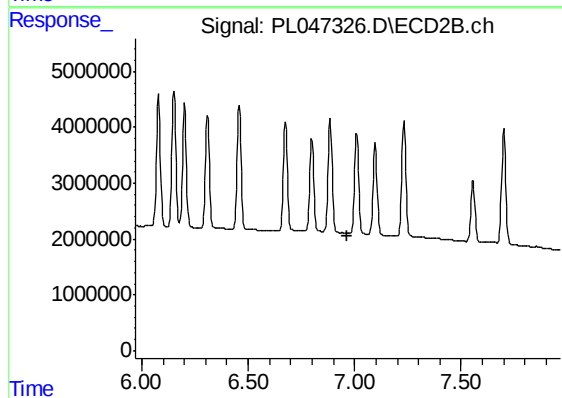
#26 Chlordane-4

R.T.: 6.151 min
Delta R.T.: -0.012 min
Response: 30908035
Conc: 66.98 ng/ml



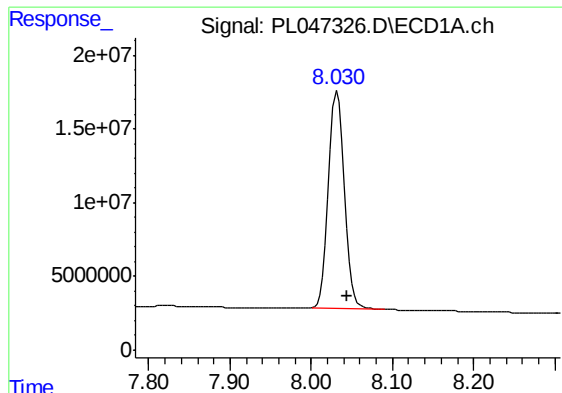
#27 Chlordane-5

R.T.: 6.126 min
Delta R.T.: -0.014 min
Response: 91203675
Conc: 267.25 ng/ml



#27 Chlordane-5

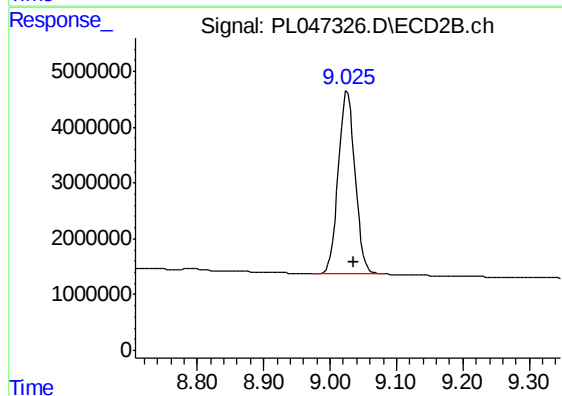
R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.032 min
Delta R.T.: -0.012 min
Response: 201406071
Conc: 23.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2019



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: -0.009 min
Response: 57763012
Conc: 24.91 ng/ml