Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012020\
Data File : PL055890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2020 01:23
Operator : AJ\MA
Sample : L1161-07
Misc : LOD 2.5 PPB
ALS Vial : 29 Sample Multiplier: 1

Instrument : ECD_L
ClientSampleId : LOD-MDL-WATER-01-QT1-2020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 03:36:41 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 2020
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...	3.490	3.967	211.3E6	64270105	22.042	22.740	
28)	SA Decachlor...	8.233	8.953	245.6E6	54051064	23.486	23.593	
	Target Compounds							
2)	A alpha-BHC	3.927	4.349	47512892	10444238	2.863	2.463	
3)	MA gamma-BHC...	4.210	4.629	28471120	10217384	1.877	2.576	#
4)	MA Heptachlor	4.511	5.129	37444714	9694369	2.508	2.867	
5)	MB Aldrin	4.760	5.429	37141604	9940618	2.538	2.900	
6)	B beta-BHC	4.459	4.798	18841513	5959371	2.936	3.755	#
7)	B delta-BHC	4.664	5.011	30219239	-508048	2.062	N.D.	#
8)	B Heptachlo...	5.201	5.810	35631275	8607164	2.583	2.881	
9)	A Endosulfan I	5.541	6.162	35192051	8487989	2.712	2.915	
10)	B gamma-Chl...	5.427	6.041	36851644	8936966	2.627	2.898	
11)	B alpha-Chl...	5.486	6.113	37480224	9083696	2.711	2.942	
12)	B 4,4'-DDE	5.648	6.268	33693811	8102323	2.580	2.767	
13)	MA Dieldrin	5.783	6.416	35750473	8731776	2.585	2.889	
14)	MA Endrin	6.040	6.632	35274734	6915412	2.792	2.729	
15)	B Endosulfa...	6.311	6.840	25507925	8536763	2.284	3.183	#
16)	A 4,4'-DDD	6.164	6.753	25436137	6124784	2.554	2.657	
17)	MA 4,4'-DDT	6.404	7.047	19229960	6625854	1.900	2.935	#
18)	B Endrin al...	6.479	6.962	29835744	6820675	2.871	3.021	
19)	B Endosulfa...	6.694	7.182	27654142	7773000	2.557	3.140	
20)	A Methoxychlor	0.000	7.501	0	3321375	N.D.	2.784	#
21)	B Endrin ke...	7.182	7.649	33238474	7876986	2.640	2.983	
22)	Mirex	0.000	8.098	0	5581550	N.D.	3.059	#
24)	Chlordane-2	0.000	5.429f	0	9940618	N.D.	90.167	#
25)	Chlordane-3	5.427	6.041	36851644	8936966	29.593	22.516	
26)	Chlordane-4	5.486	6.113	37480224	9083696	36.348	19.351	#
27)	Chlordane-5	6.311	0.000	25507925	0	65.218	N.D.	#

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

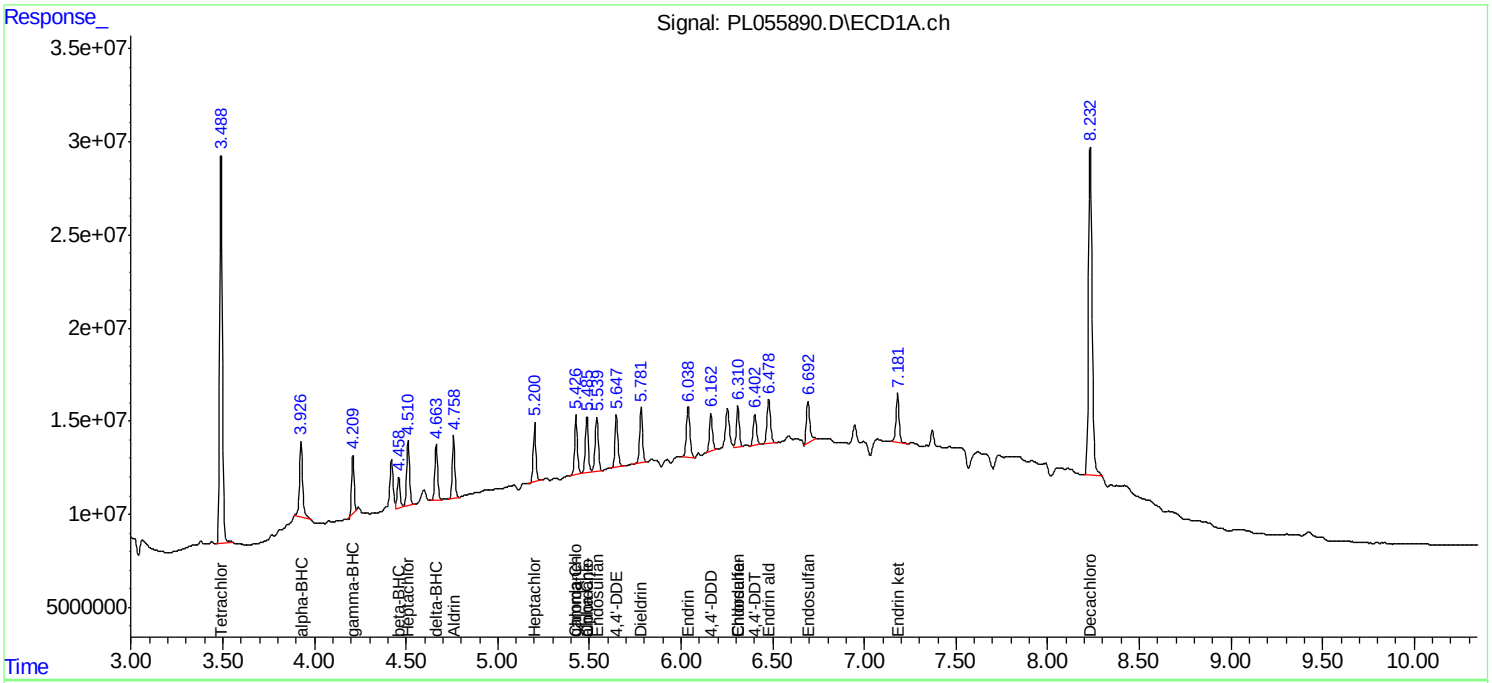
Quantitation Report (Not Reviewed)

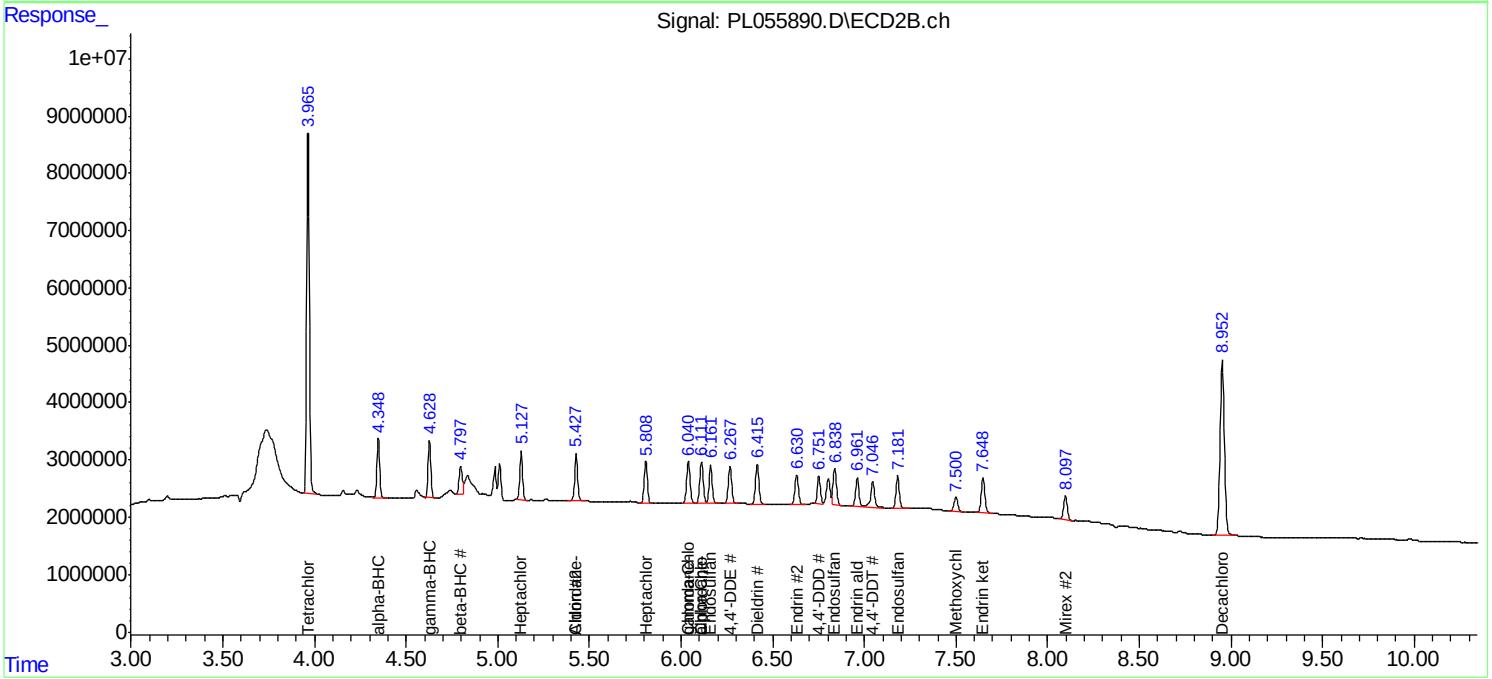
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012020\
Data File : PL055890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2020 01:23
Operator : AJ\MA
Sample : L1161-07
Misc : LOD 2.5 PPB
ALS Vial : 29 Sample Multiplier: 1

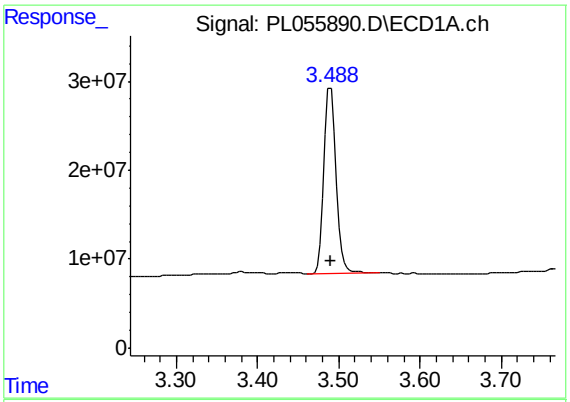
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 03:36:41 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 2020
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



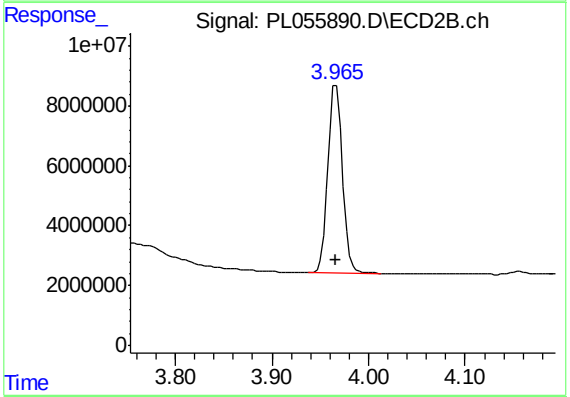




#1 Tetrachloro-m-xylene

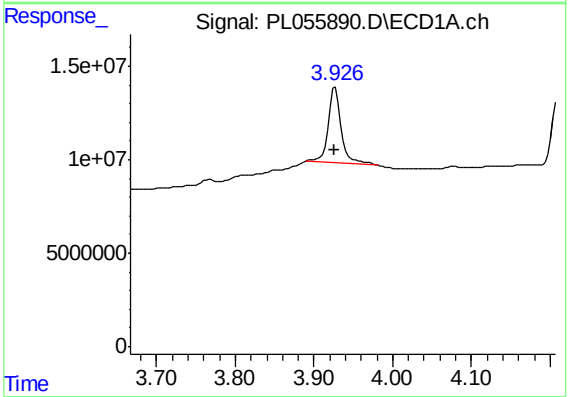
R.T.: 3.490 min
Delta R.T.: 0.000 min
Response: 211257269
Conc: 22.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



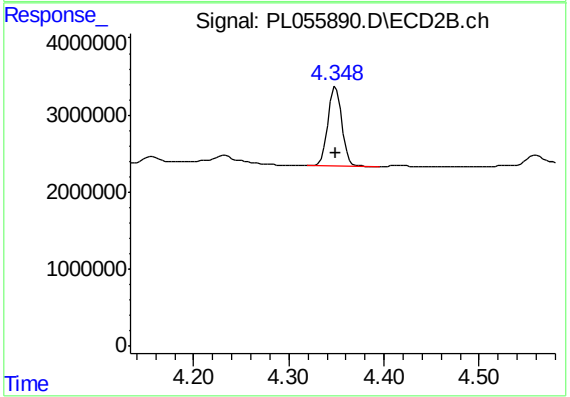
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 64270105
Conc: 22.74 ng/ml



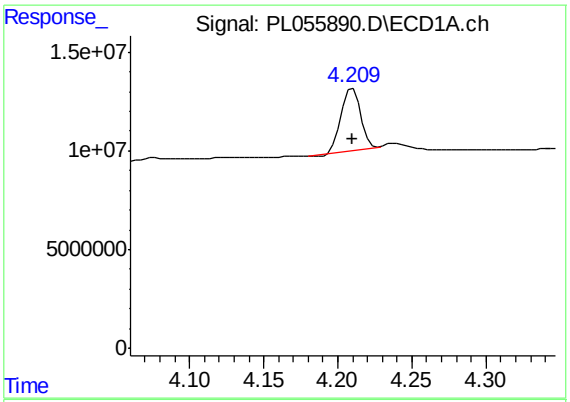
#2 alpha-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 47512892
Conc: 2.86 ng/ml



#2 alpha-BHC

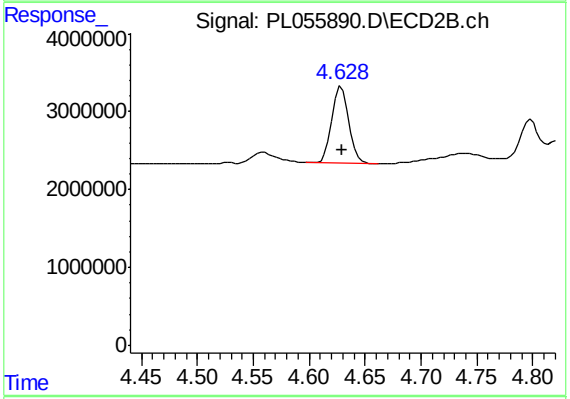
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 10444238
Conc: 2.46 ng/ml



#3 gamma-BHC (Lindane)

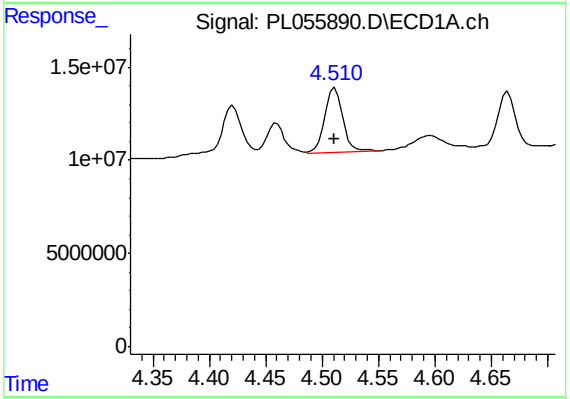
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 28471120
Conc: 1.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



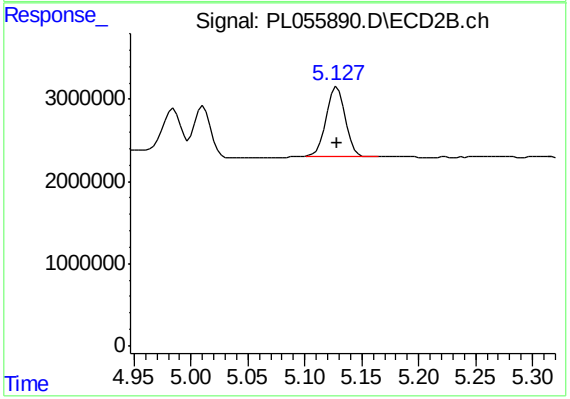
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 10217384
Conc: 2.58 ng/ml



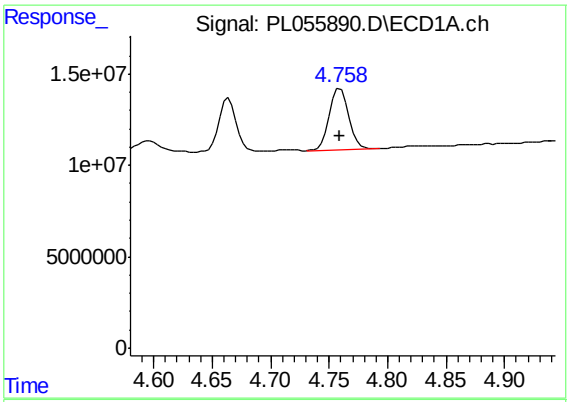
#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 37444714
Conc: 2.51 ng/ml



#4 Heptachlor

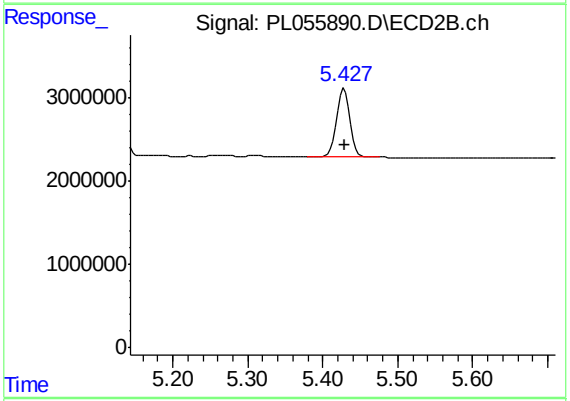
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 9694369
Conc: 2.87 ng/ml



#5 Aldrin

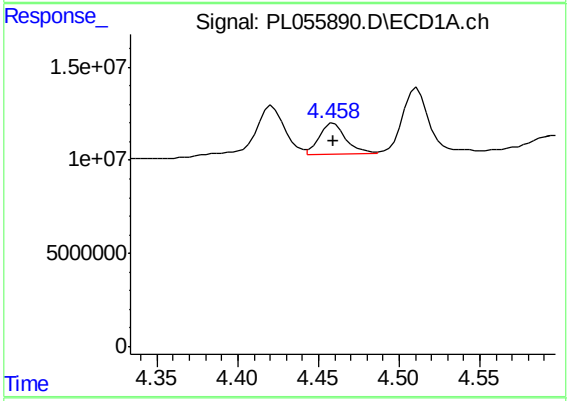
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 37141604
Conc: 2.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



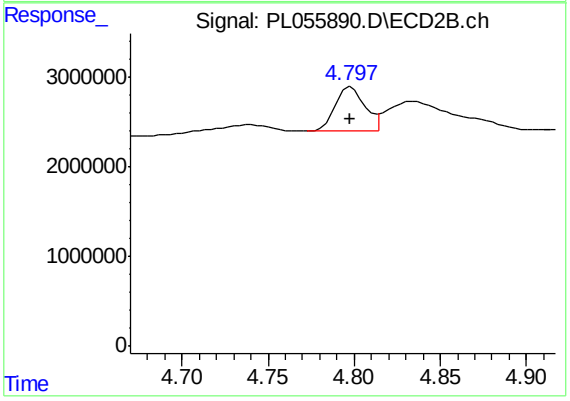
#5 Aldrin

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 9940618
Conc: 2.90 ng/ml



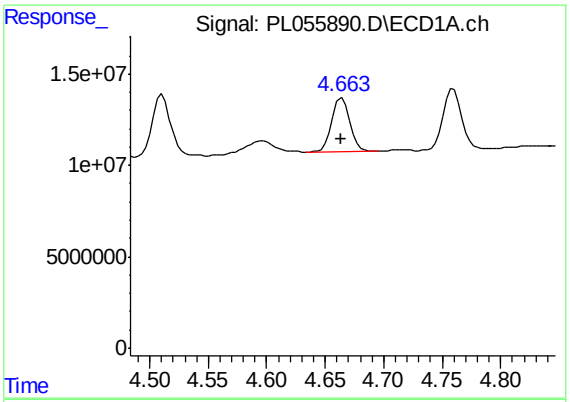
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 18841513
Conc: 2.94 ng/ml



#6 beta-BHC

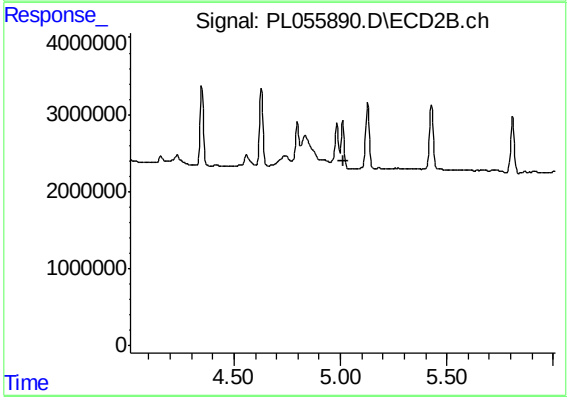
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 5959371
Conc: 3.76 ng/ml



#7 delta-BHC

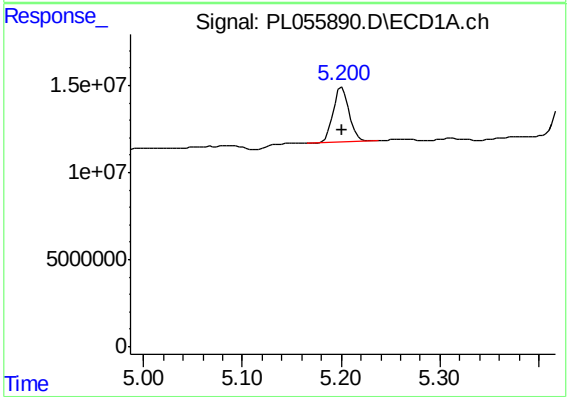
R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 30219239
Conc: 2.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



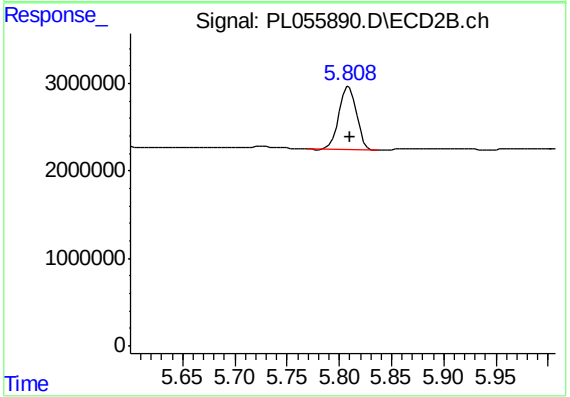
#7 delta-BHC

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: -508048
Conc: N.D.



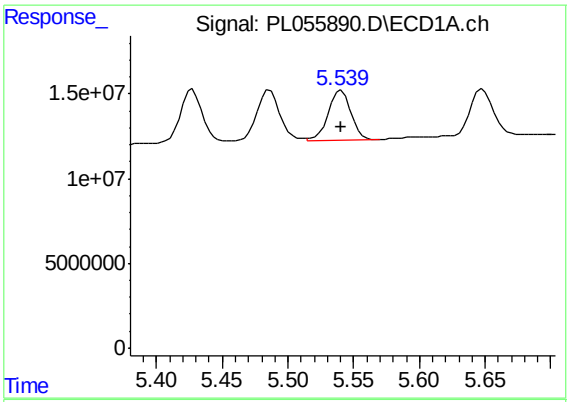
#8 Heptachlor epoxide

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 35631275
Conc: 2.58 ng/ml



#8 Heptachlor epoxide

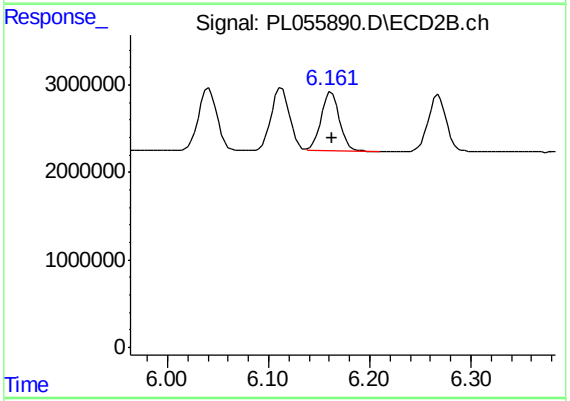
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 8607164
Conc: 2.88 ng/ml



#9 Endosulfan I

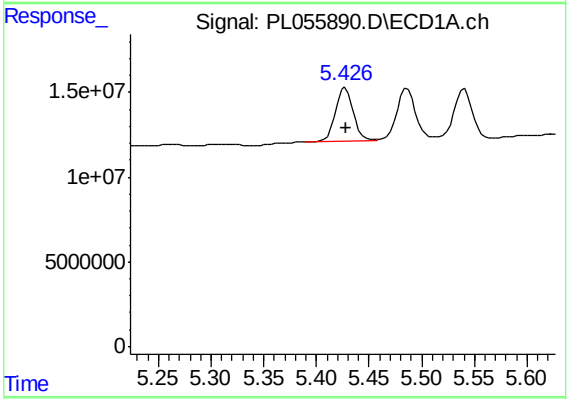
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 35192051
Conc: 2.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



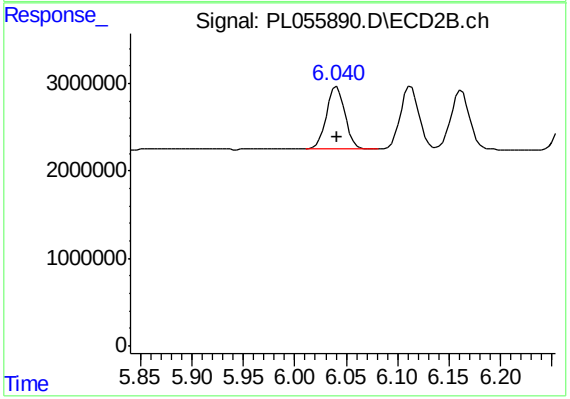
#9 Endosulfan I

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 8487989
Conc: 2.92 ng/ml



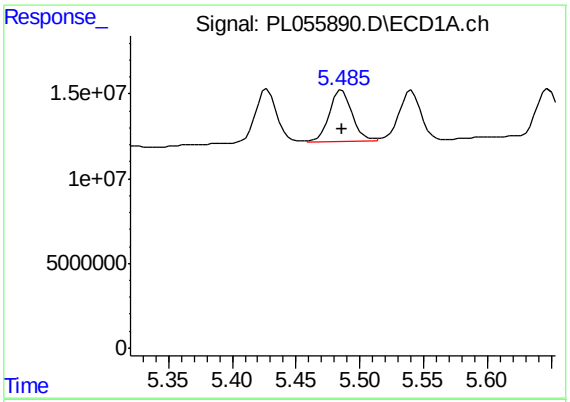
#10 gamma-Chlordane

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 36851644
Conc: 2.63 ng/ml



#10 gamma-Chlordane

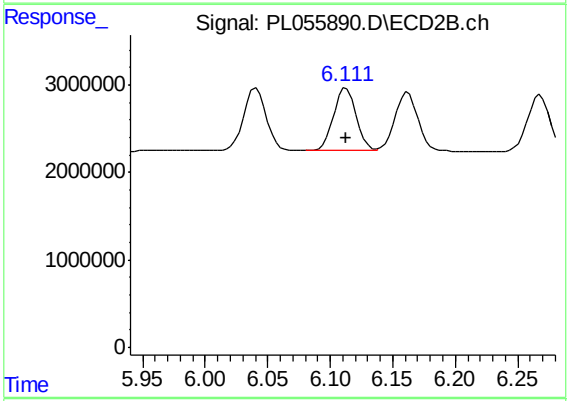
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 8936966
Conc: 2.90 ng/ml



#11 alpha-Chlordane

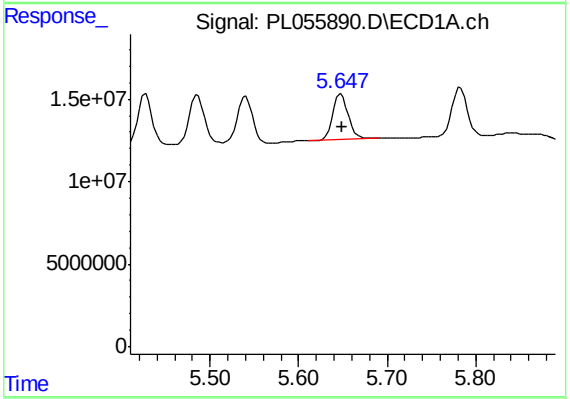
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 37480224
Conc: 2.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



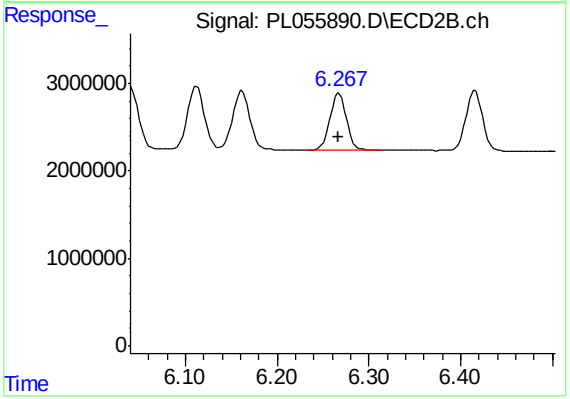
#11 alpha-Chlordane

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 9083696
Conc: 2.94 ng/ml



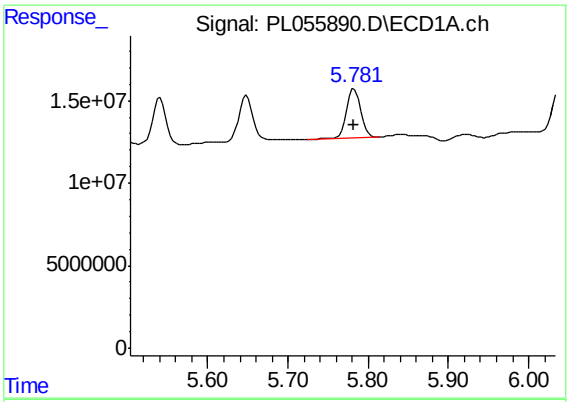
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 33693811
Conc: 2.58 ng/ml



#12 4,4'-DDE

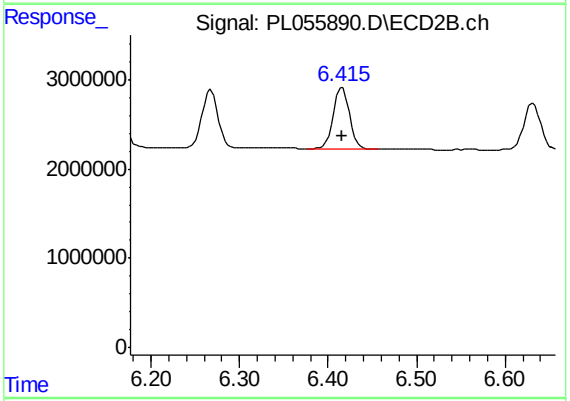
R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 8102323
Conc: 2.77 ng/ml



#13 Dieldrin

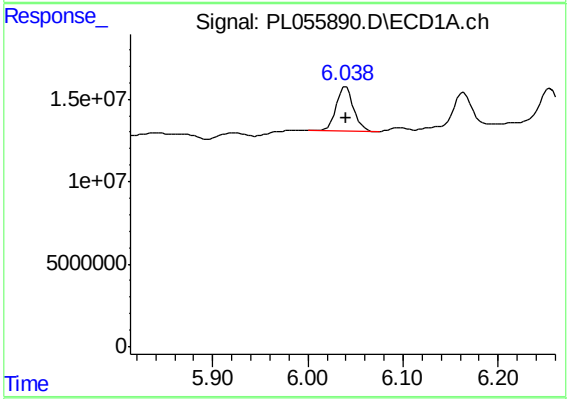
R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 35750473
Conc: 2.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



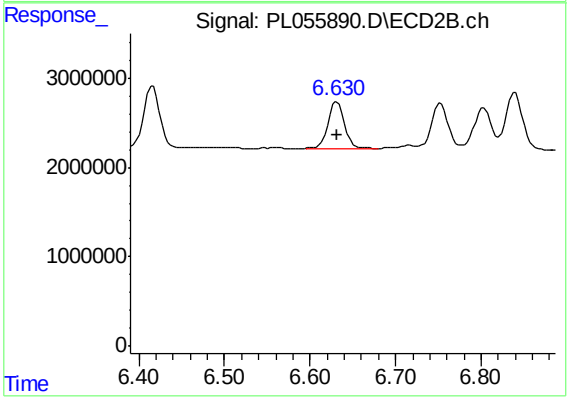
#13 Dieldrin

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 8731776
Conc: 2.89 ng/ml



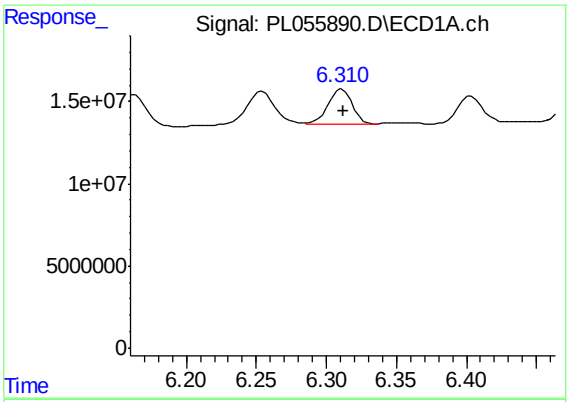
#14 Endrin

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 35274734
Conc: 2.79 ng/ml



#14 Endrin

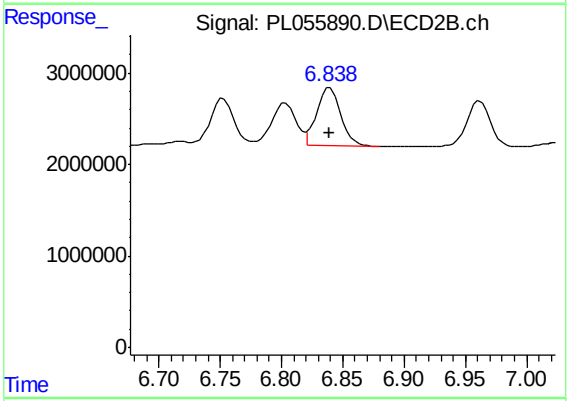
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 6915412
Conc: 2.73 ng/ml



#15 Endosulfan II

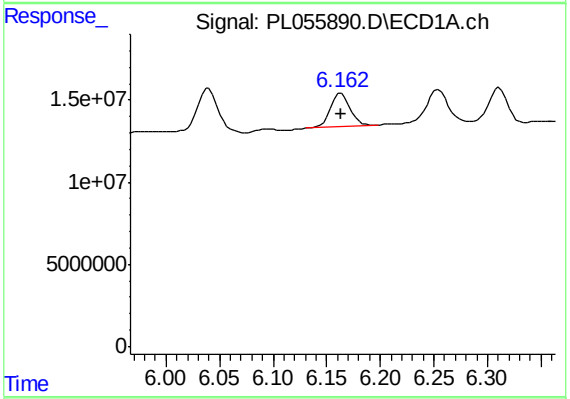
R.T.: 6.311 min
Delta R.T.: -0.001 min
Response: 25507925
Conc: 2.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



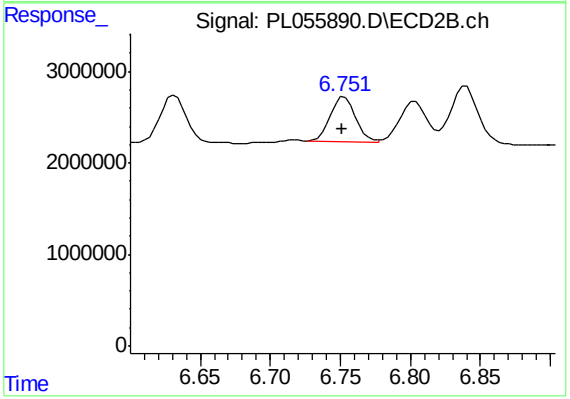
#15 Endosulfan II

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 8536763
Conc: 3.18 ng/ml



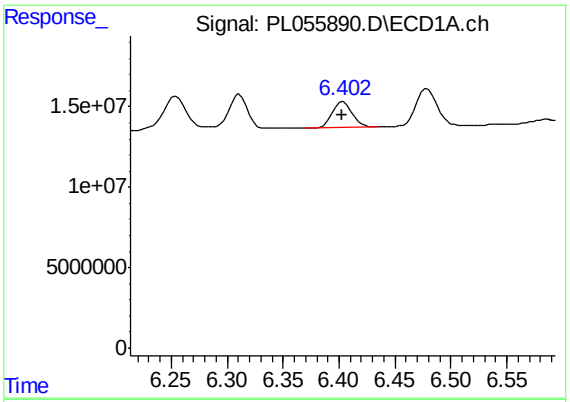
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 25436137
Conc: 2.55 ng/ml



#16 4,4'-DDD

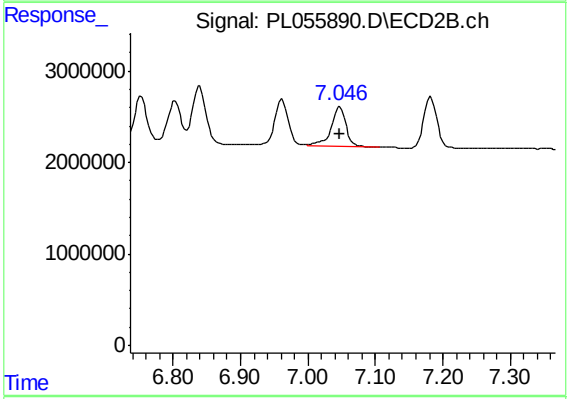
R.T.: 6.753 min
Delta R.T.: 0.001 min
Response: 6124784
Conc: 2.66 ng/ml



#17 4,4'-DDT

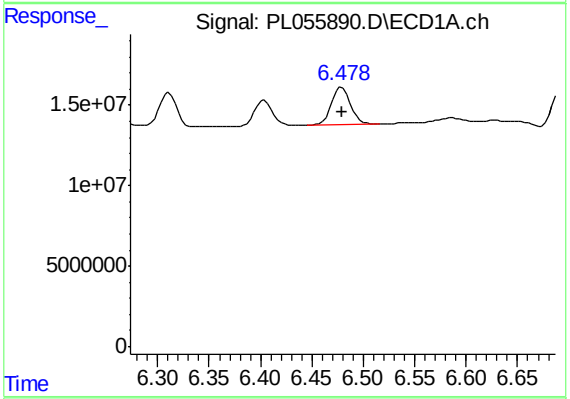
R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 19229960
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



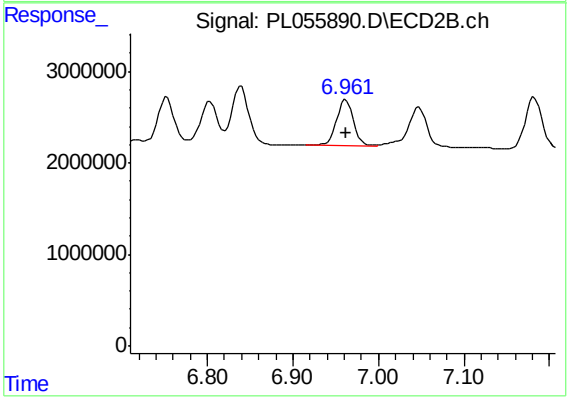
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 6625854
Conc: 2.93 ng/ml



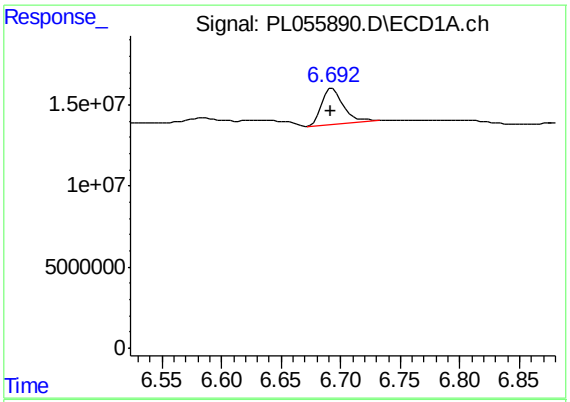
#18 Endrin aldehyde

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 29835744
Conc: 2.87 ng/ml



#18 Endrin aldehyde

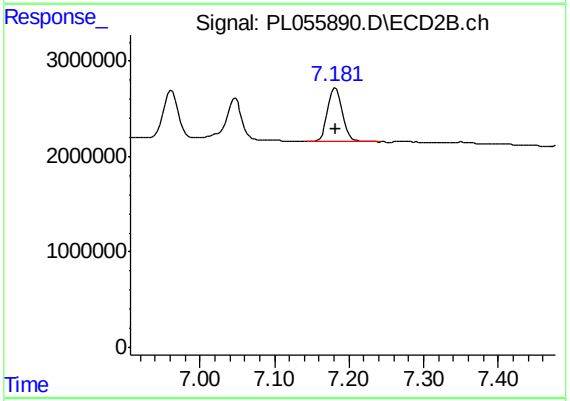
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 6820675
Conc: 3.02 ng/ml



#19 Endosulfan Sulfate

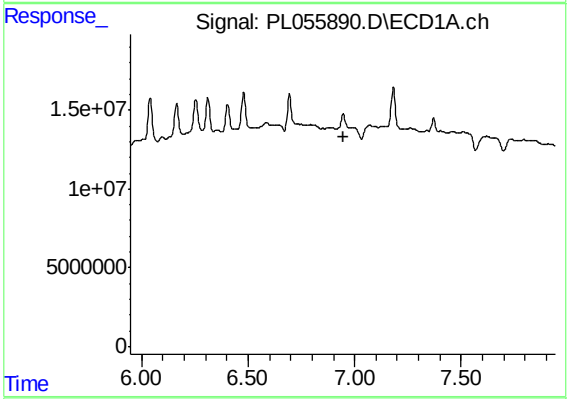
R.T.: 6.694 min
Delta R.T.: 0.001 min
Response: 27654142
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



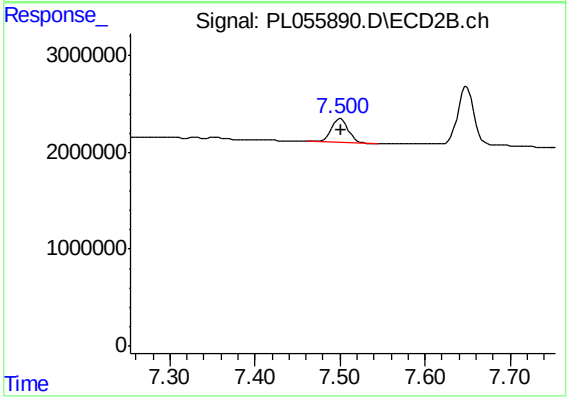
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 7773000
Conc: 3.14 ng/ml



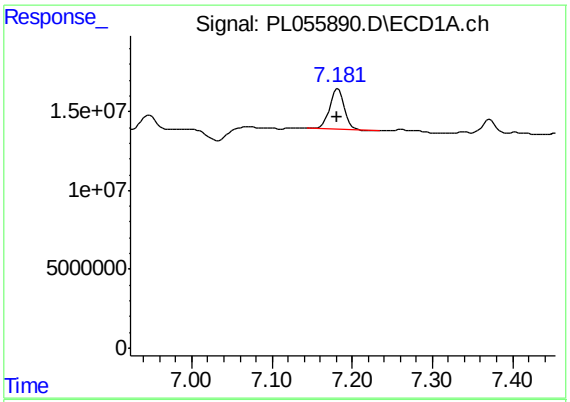
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.946 min
Response: 0
Conc: N.D.



#20 Methoxychlor

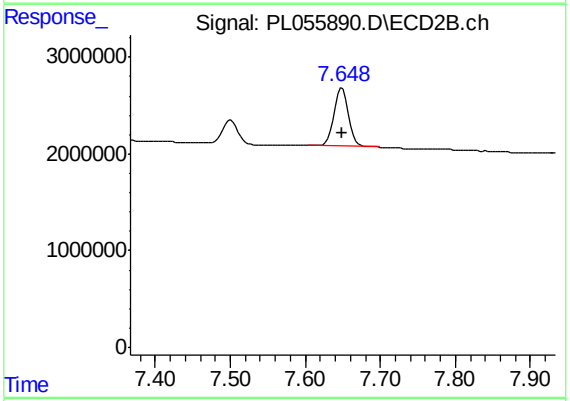
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 3321375
Conc: 2.78 ng/ml



#21 Endrin ketone

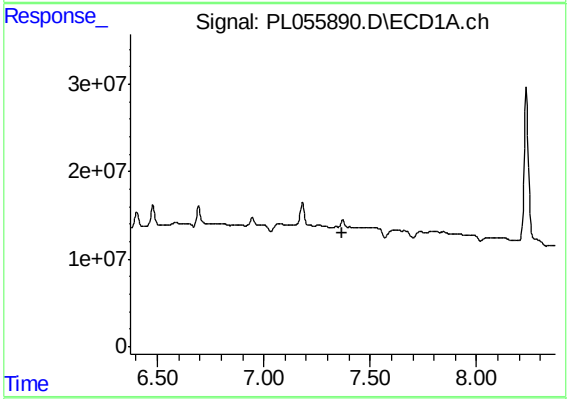
R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 33238474
Conc: 2.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



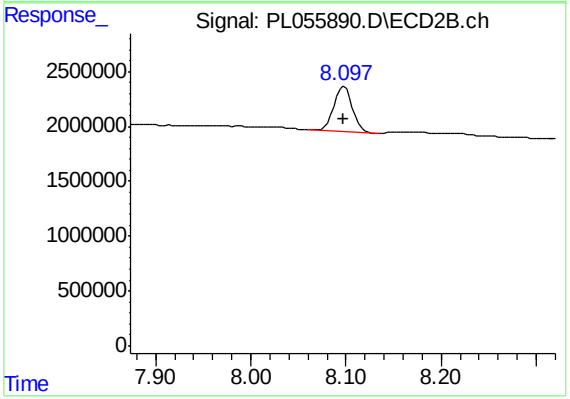
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 7876986
Conc: 2.98 ng/ml



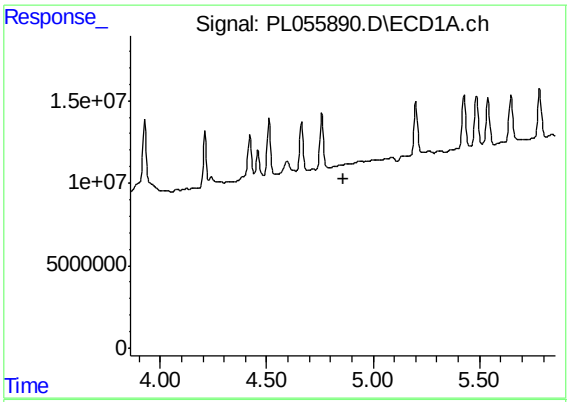
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.371 min
Response: 0
Conc: N.D.



#22 Mirex

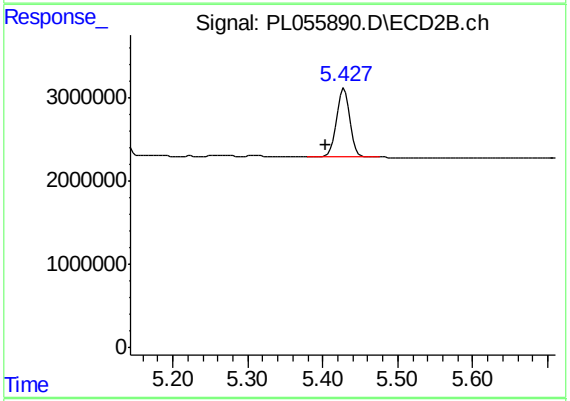
R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 5581550
Conc: 3.06 ng/ml



#24 Chlordane-2

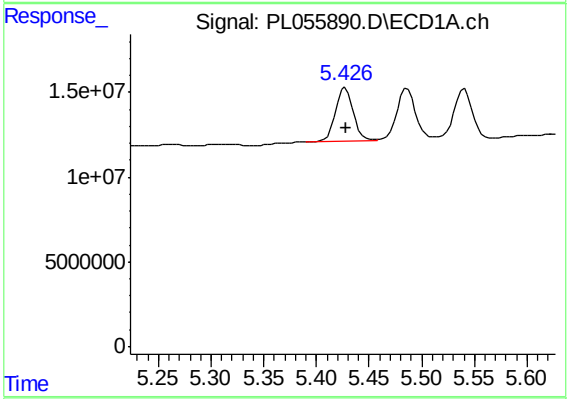
R.T.: 0.000 min
Exp R.T. : 4.860 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



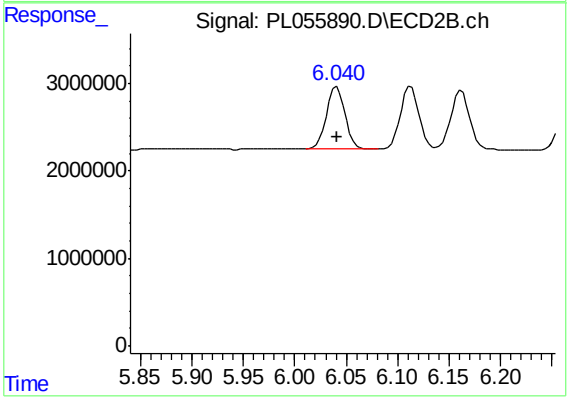
#24 Chlordane-2

R.T.: 5.429 min
Delta R.T.: 0.025 min
Response: 9940618
Conc: 90.17 ng/ml



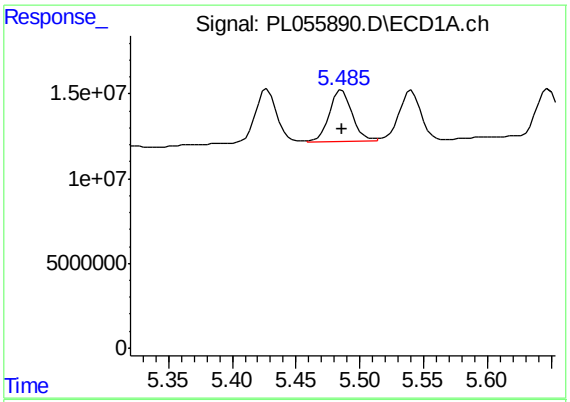
#25 Chlordane-3

R.T.: 5.427 min
Delta R.T.: -0.001 min
Response: 36851644
Conc: 29.59 ng/ml



#25 Chlordane-3

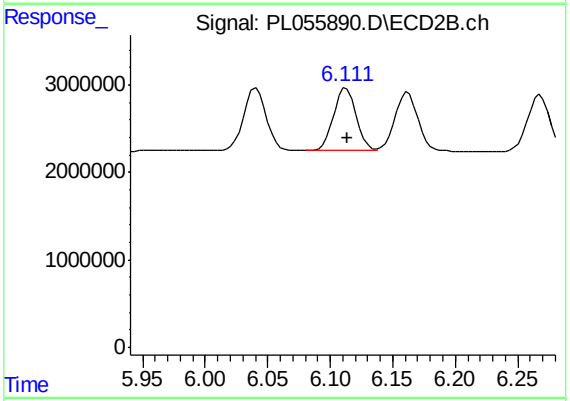
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 8936966
Conc: 22.52 ng/ml



#26 Chlordane-4

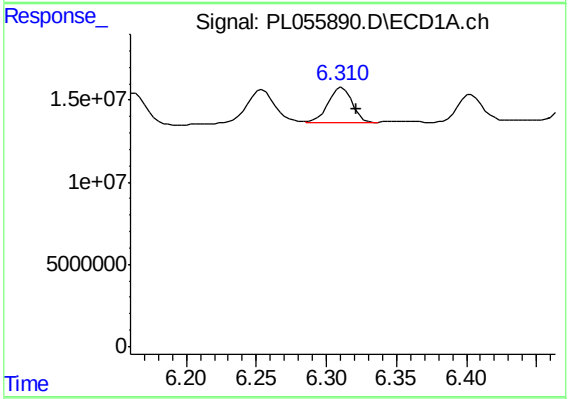
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 37480224
Conc: 36.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



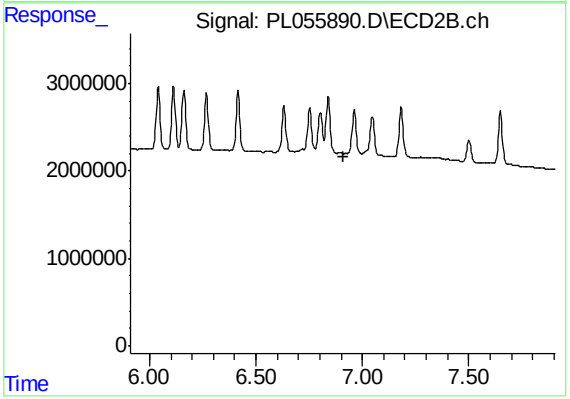
#26 Chlordane-4

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 9083696
Conc: 19.35 ng/ml



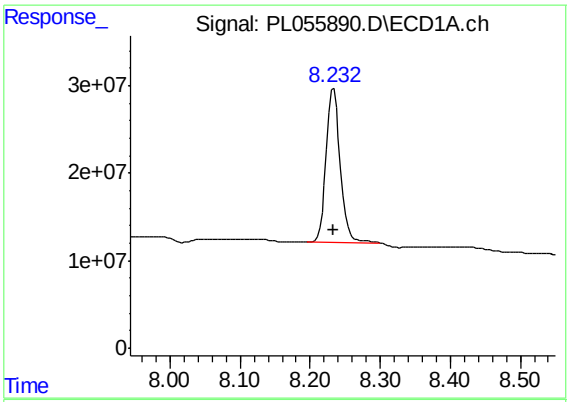
#27 Chlordane-5

R.T.: 6.311 min
Delta R.T.: -0.010 min
Response: 25507925
Conc: 65.22 ng/ml



#27 Chlordane-5

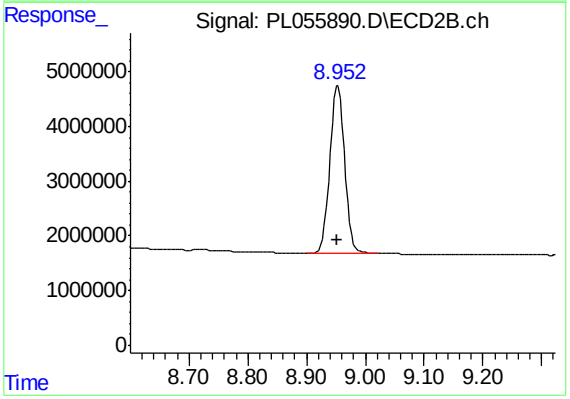
R.T.: 0.000 min
Exp R.T. : 6.910 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 245564224
Conc: 23.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: 0.000 min
Response: 54051064
Conc: 23.59 ng/ml