Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
Data File : PL080427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2023 19:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 06:11:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Fri Jan 20 17:01:11 2023
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...	3.351	2.689	40942413	42567067	19.089	19.380	
28)	SA	Decachlor...	8.790	7.839	34694099	46818039	19.817	19.651	
		Target Compounds							
2)	A	alpha-BHC	3.799	3.190	27782034	28331547	8.770	8.908	
3)	MA	gamma-BHC...	4.128	3.519	27210544	26914215	9.256	9.010	
4)	MA	Heptachlor	0.000	3.880f	0	221645	N.D.	0.070	#
5)	MB	Aldrin	0.000	4.148	0	185729	N.D.	0.063	#
6)	B	beta-BHC	4.324	3.815	14473423	13479618	10.603	10.100	
7)	B	delta-BHC	0.000	4.040	0	97160	N.D.	0.034	#
8)	B	Heptachlo...	0.000	4.652	0	23096	N.D.	0.008	#
9)	A	Endosulfan I	0.000	5.020	0	175455	N.D.	0.067	#
10)	B	gamma-Chl...	0.000	4.896	0	101661	N.D.	0.036	#
11)	B	alpha-Chl...	0.000	4.964	0	106484	N.D.	0.037	#
12)	B	4,4'-DDE	0.000	5.153	0	188089	N.D.	0.080	#
13)	MA	Dieldrin	0.000	5.285	0	41052	N.D.	0.015	#
14)	MA	Endrin	6.358	5.551	95337937	107.8E6	44.083	46.439	
15)	B	Endosulfa...	6.566	5.868f	3948550	-717	1.723	N.D.	#
16)	A	4,4'-DDD	6.502	5.704	849623	353310	0.464	0.188	#
17)	MA	4,4'-DDT	6.815	5.956	190.5E6	213.0E6	91.705	101.346	
18)	B	Endrin al...	6.707	6.028	1832237	4087792	1.101	2.239	#
19)	B	Endosulfa...	0.000	6.236f	0	289675	N.D.	0.125	#
20)	A	Methoxychlor	7.292	6.534	253.9E6	280.8E6	230.103	231.444	
21)	B	Endrin ke...	7.421	6.753	4957048	5757671	2.247	2.255	
22)		Mirex	0.000	6.933	0	3621	N.D.	0.002	#
23)		Chlordane-1	0.000	3.692	0	12297	N.D.	0.151	#
24)		Chlordane-2	0.000	4.259	0	52469	N.D.	0.582	#
25)		Chlordane-3	0.000	4.896	0	101661	N.D.	0.385	#
26)		Chlordane-4	0.000	4.951	0	92132	N.D.	0.342	#
27)		Chlordane-5	0.000	5.607f	0	20523	N.D.	0.288	#

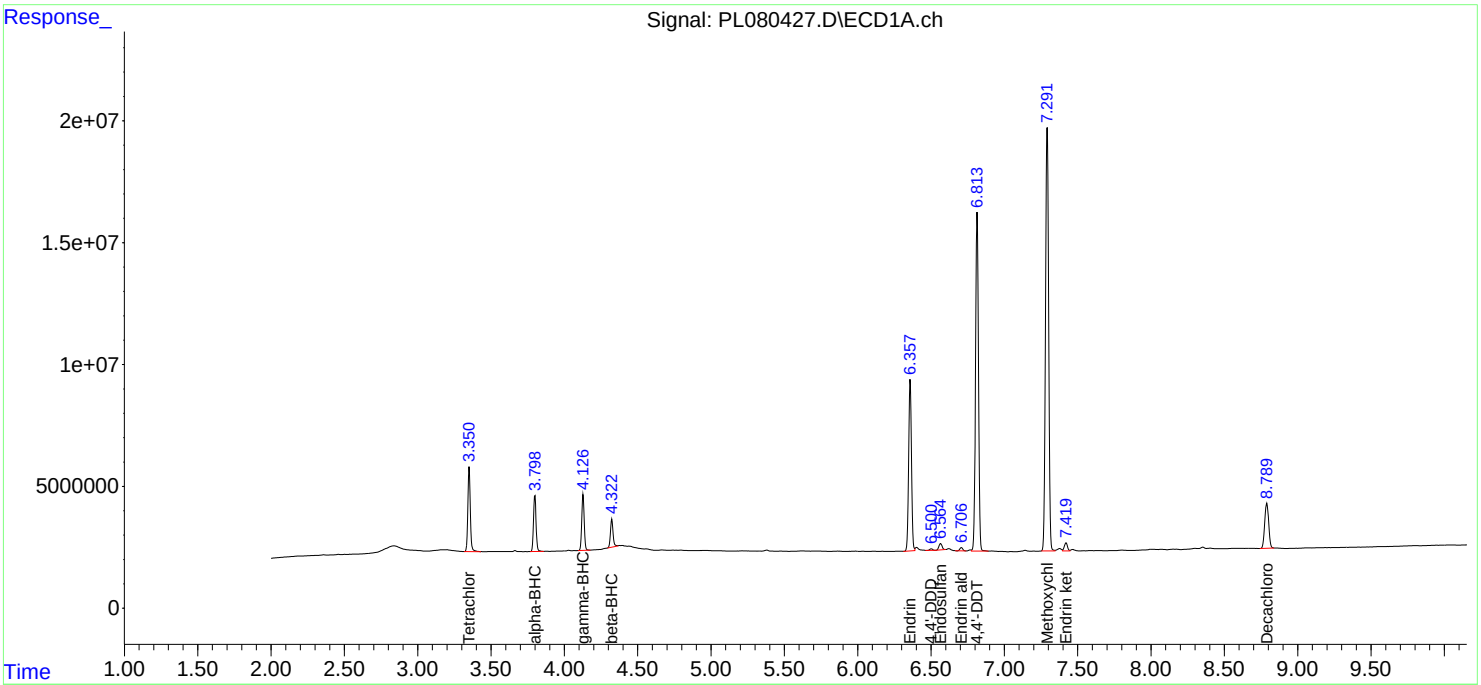
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

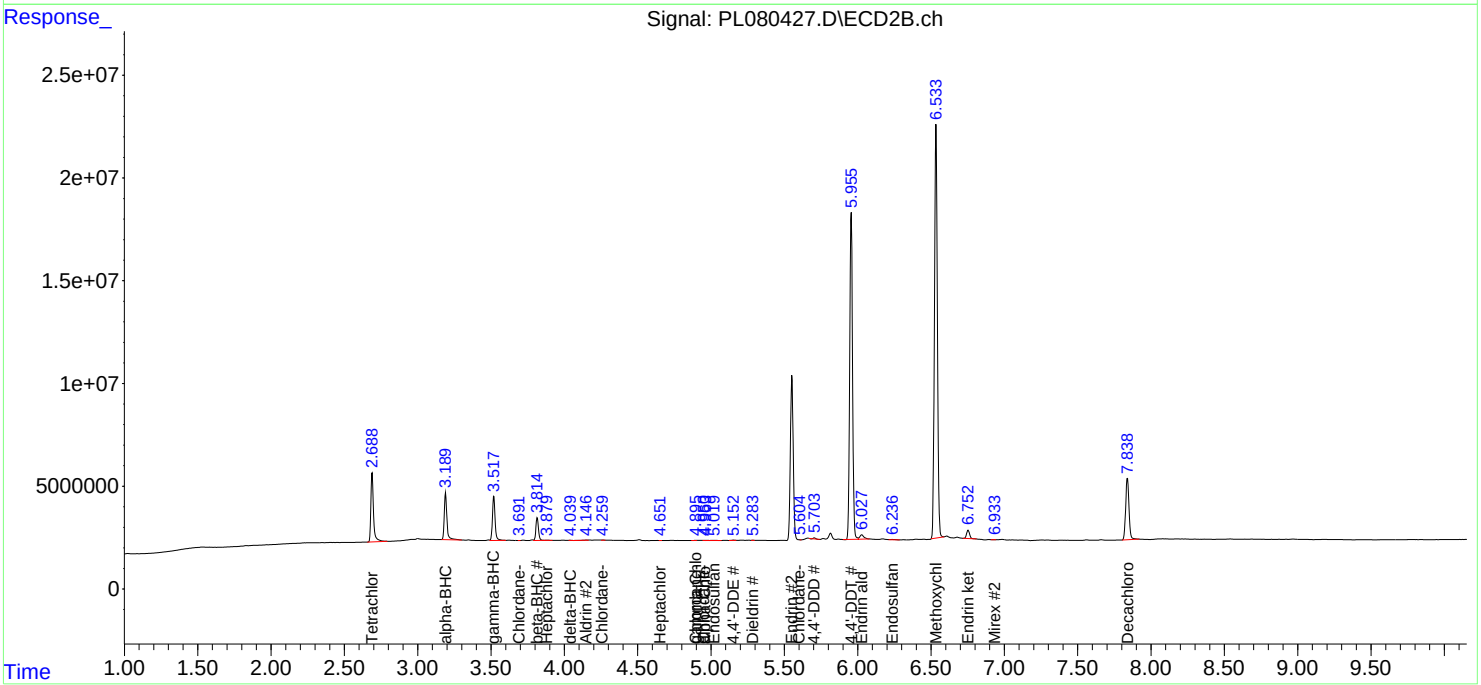
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
Data File : PL080427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2023 19:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 27 Sample Multiplier: 1

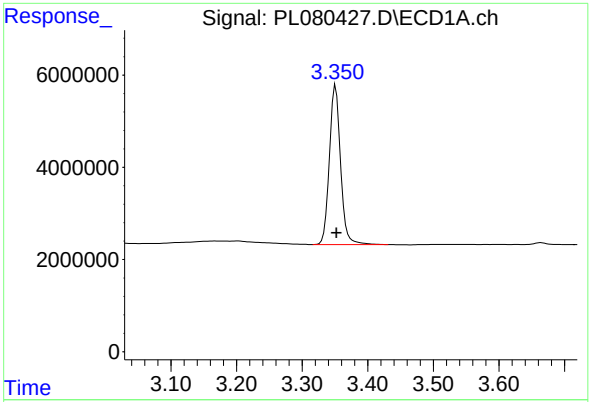
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 06:11:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Fri Jan 20 17:01:11 2023
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



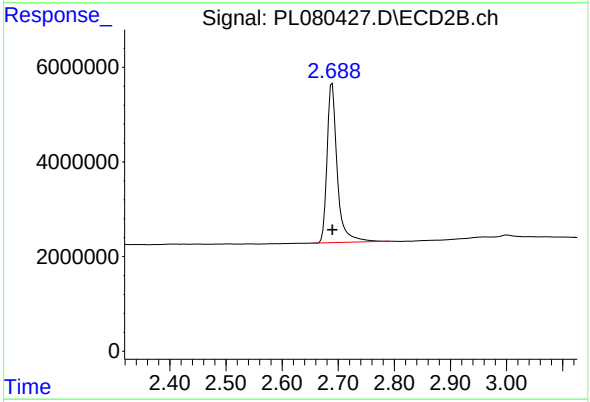




#1 Tetrachloro-m-xylene

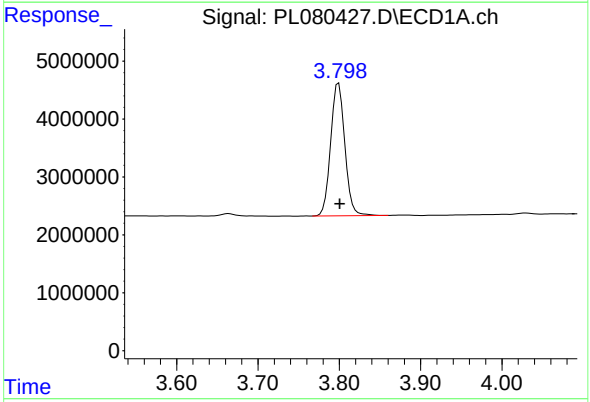
R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 40942413
Conc: 19.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



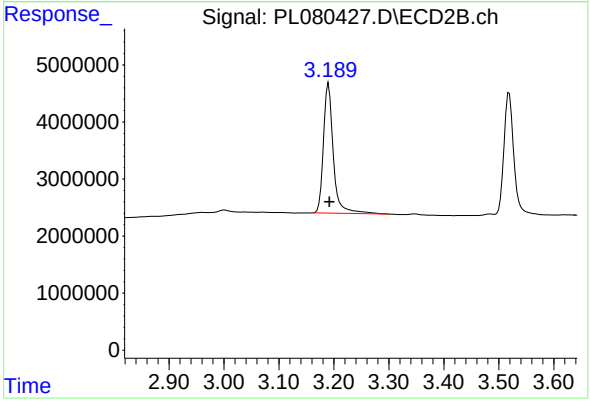
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 42567067
Conc: 19.38 ng/ml



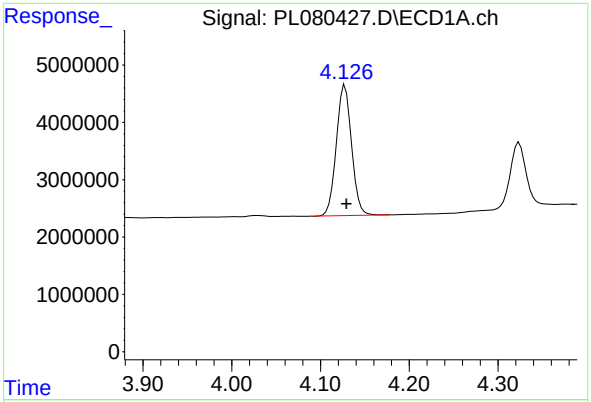
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 27782034
Conc: 8.77 ng/ml



#2 alpha-BHC

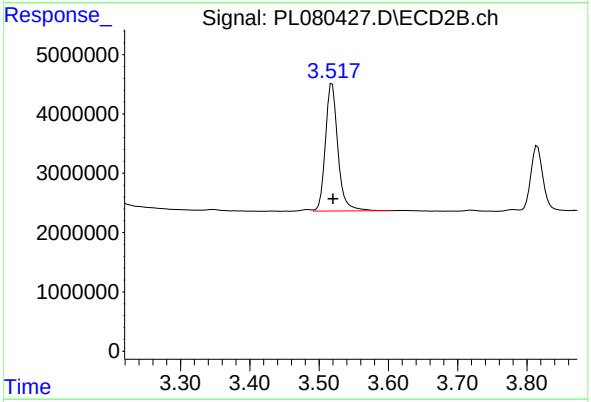
R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 28331547
Conc: 8.91 ng/ml



#3 gamma-BHC (Lindane)

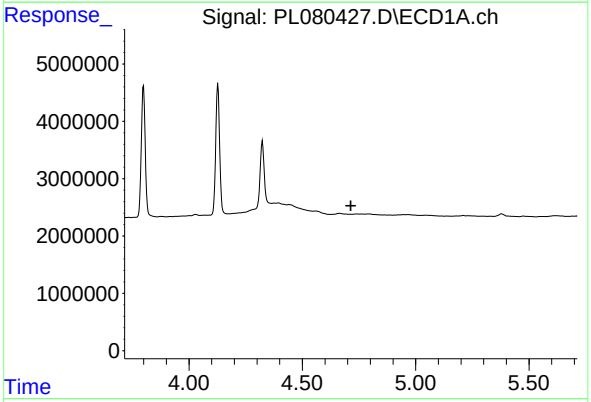
R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 27210544
Conc: 9.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



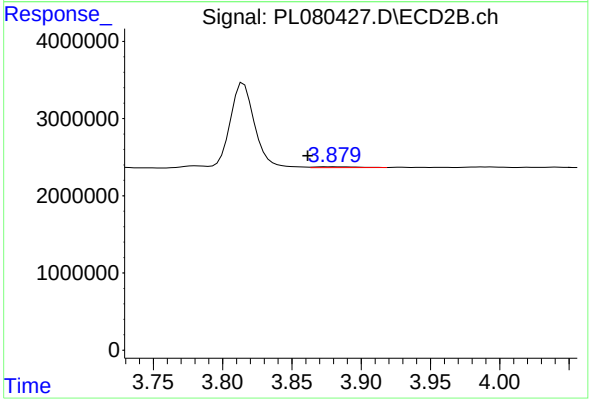
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: -0.002 min
Response: 26914215
Conc: 9.01 ng/ml



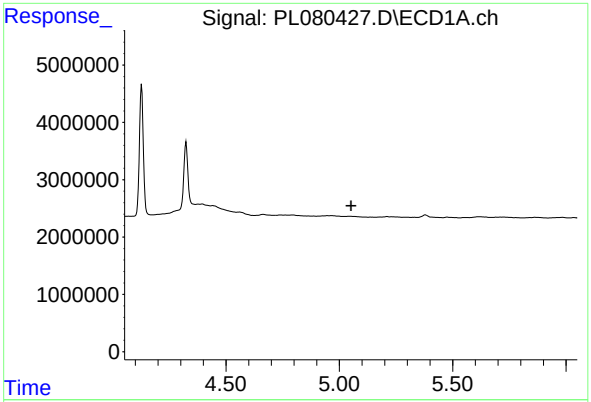
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.713 min
Response: 0
Conc: N.D.



#4 Heptachlor

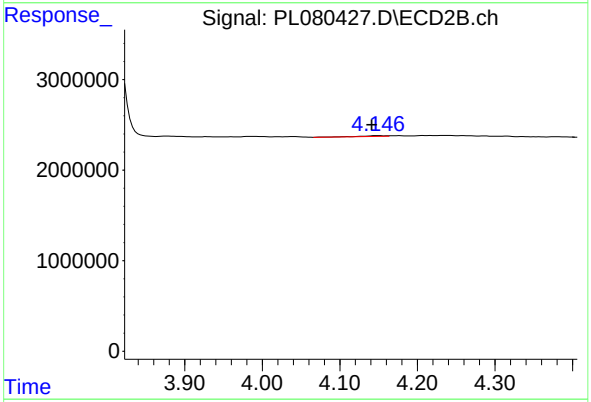
R.T.: 3.880 min
Delta R.T.: 0.018 min
Response: 221645
Conc: 0.07 ng/ml



#5 Aldrin

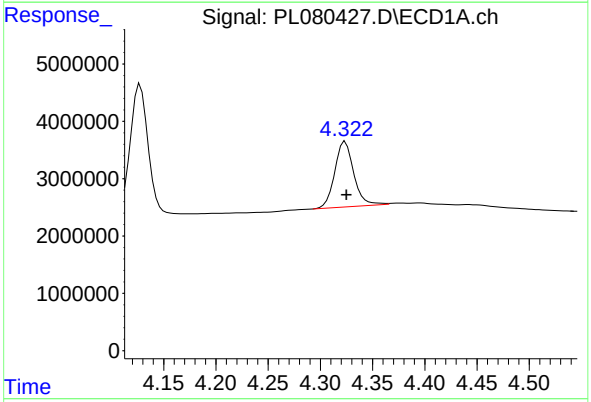
R.T.: 0.000 min
Exp R.T. : 5.052 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



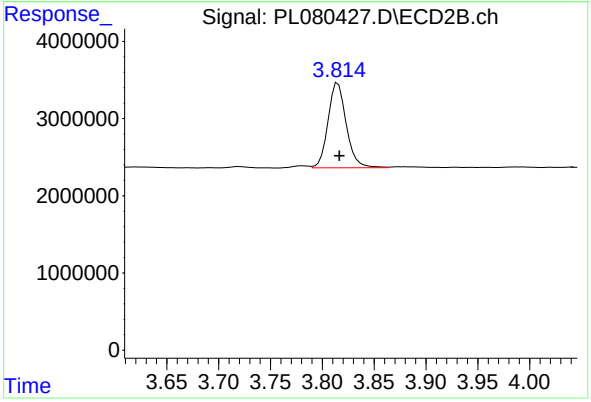
#5 Aldrin

R.T.: 4.148 min
Delta R.T.: 0.006 min
Response: 185729
Conc: 0.06 ng/ml



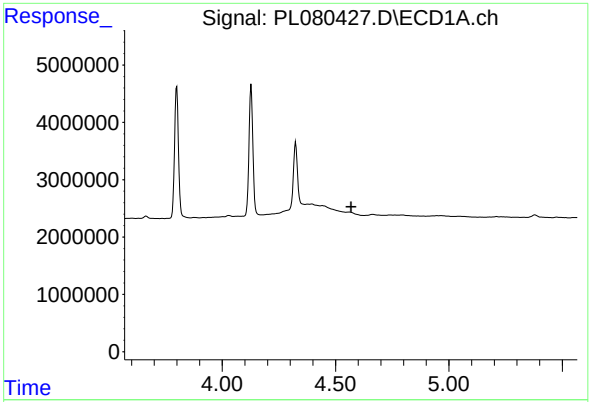
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 14473423
Conc: 10.60 ng/ml



#6 beta-BHC

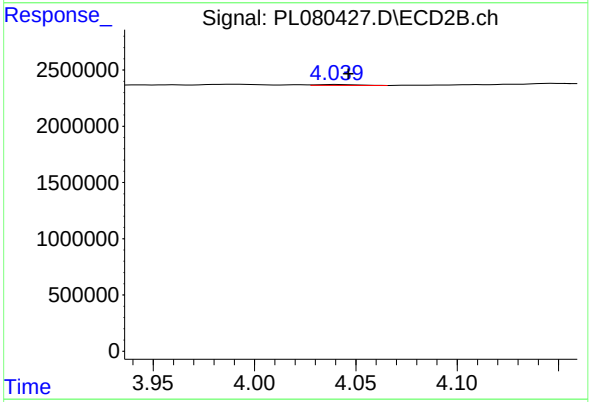
R.T.: 3.815 min
Delta R.T.: -0.001 min
Response: 13479618
Conc: 10.10 ng/ml



#7 delta-BHC

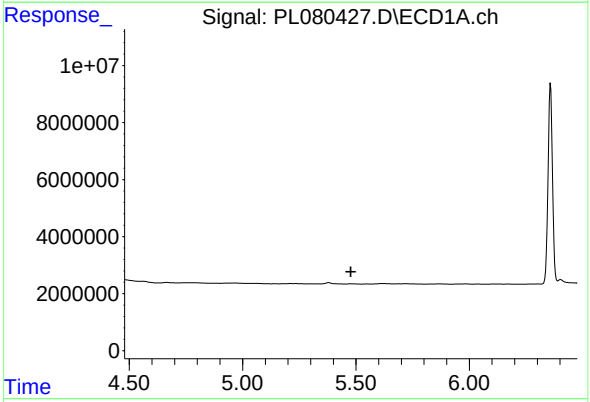
R.T.: 0.000 min
Exp R.T. : 4.568 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



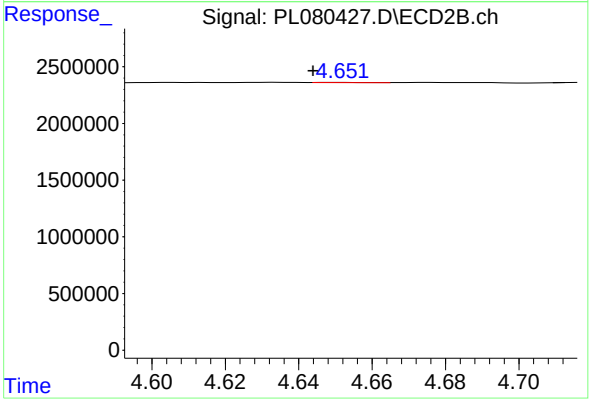
#7 delta-BHC

R.T.: 4.040 min
Delta R.T.: -0.006 min
Response: 97160
Conc: 0.03 ng/ml



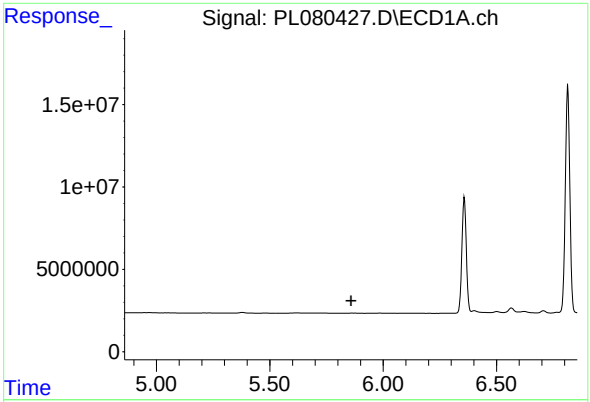
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.477 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

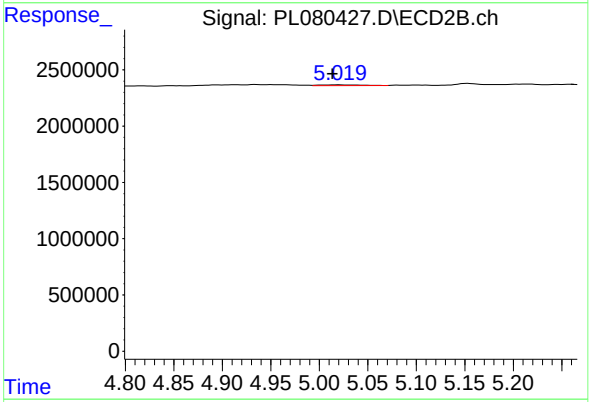
R.T.: 4.652 min
Delta R.T.: 0.008 min
Response: 23096
Conc: 0.01 ng/ml



#9 Endosulfan I

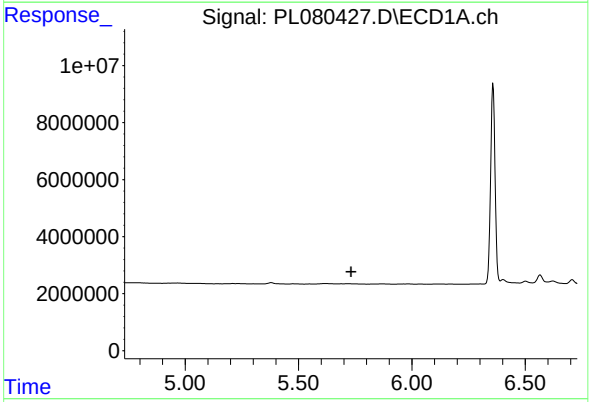
R.T.: 0.000 min
Exp R.T. : 5.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



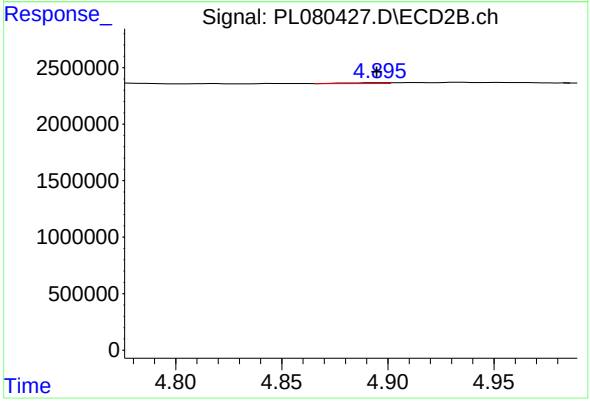
#9 Endosulfan I

R.T.: 5.020 min
Delta R.T.: 0.007 min
Response: 175455
Conc: 0.07 ng/ml



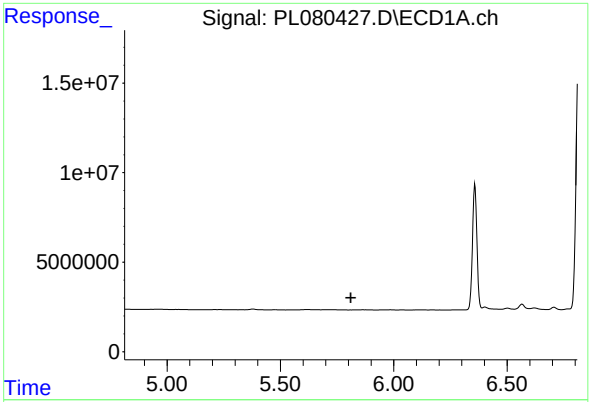
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.732 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

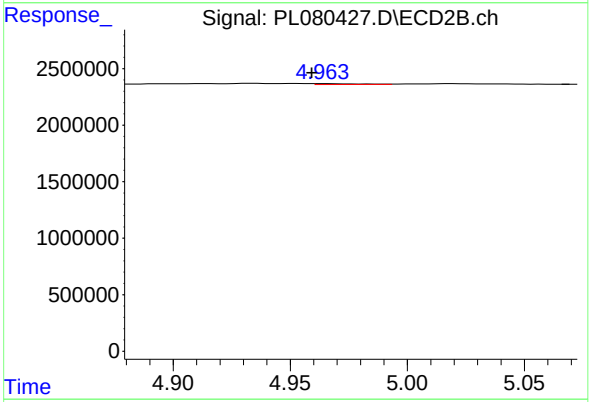
R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 101661
Conc: 0.04 ng/ml



#11 alpha-Chlordane

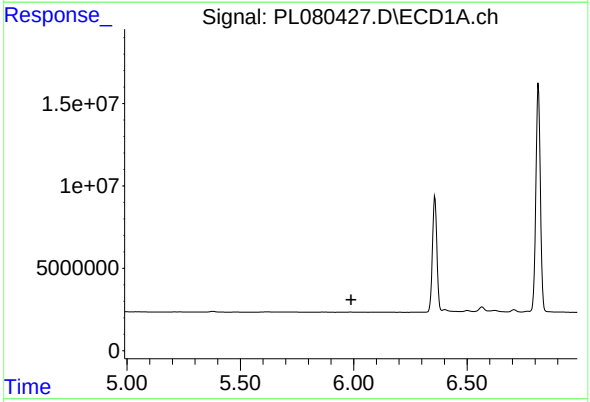
R.T.: 0.000 min
Exp R.T. : 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



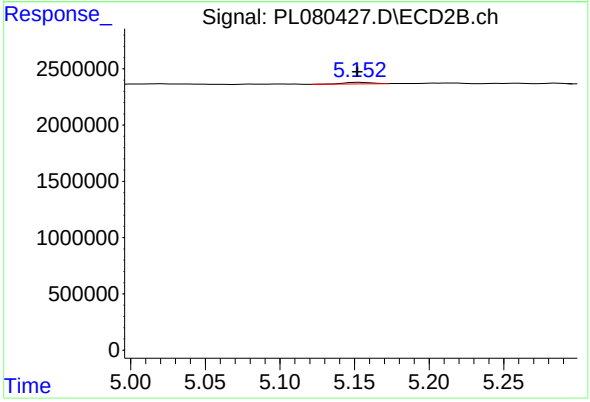
#11 alpha-Chlordane

R.T.: 4.964 min
Delta R.T.: 0.005 min
Response: 106484
Conc: 0.04 ng/ml



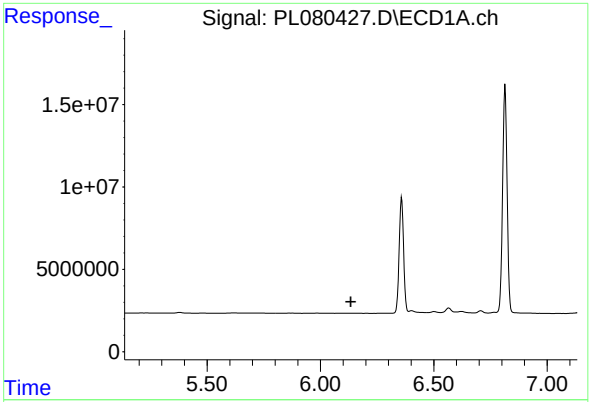
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.989 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

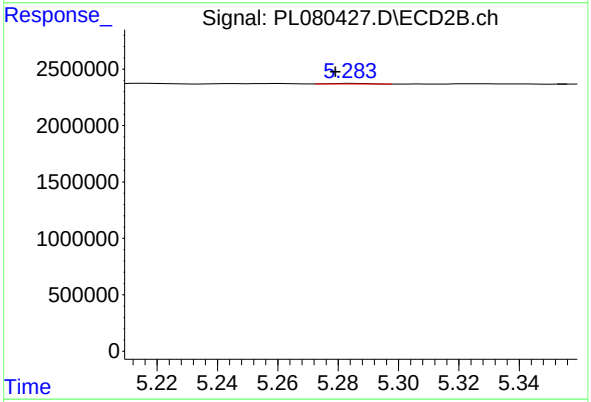
R.T.: 5.153 min
Delta R.T.: 0.001 min
Response: 188089
Conc: 0.08 ng/ml



#13 Dieldrin

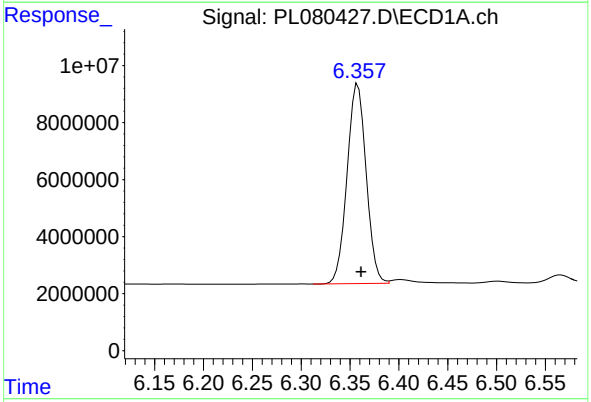
R.T.: 0.000 min
Exp R.T. : 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



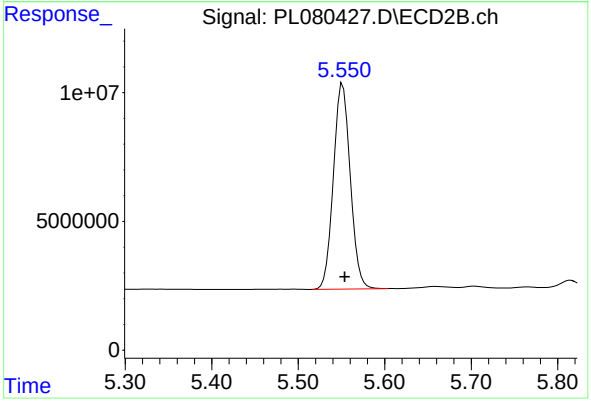
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: 0.006 min
Response: 41052
Conc: 0.02 ng/ml



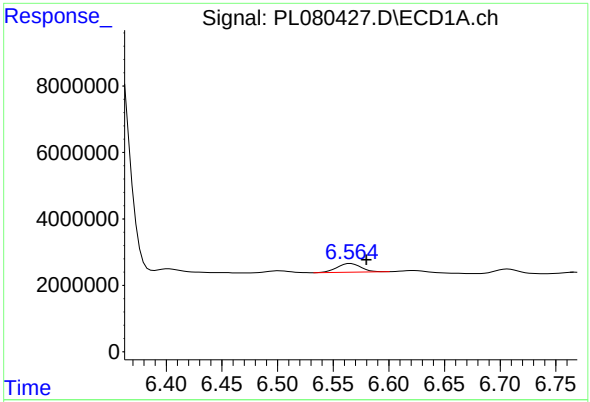
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 95337937
Conc: 44.08 ng/ml



#14 Endrin

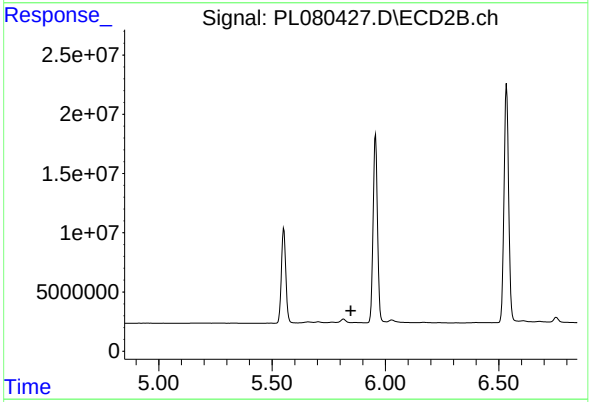
R.T.: 5.551 min
Delta R.T.: -0.002 min
Response: 107793365
Conc: 46.44 ng/ml



#15 Endosulfan II

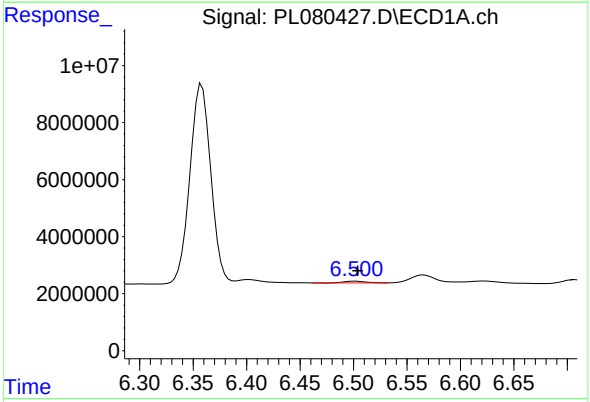
R.T.: 6.566 min
Delta R.T.: -0.014 min
Response: 3948550
Conc: 1.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



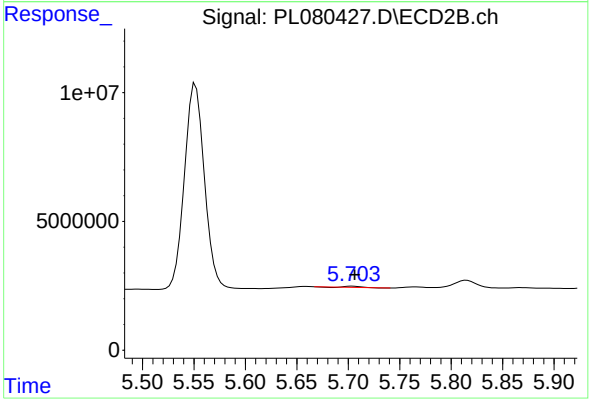
#15 Endosulfan II

R.T.: 5.868 min
Delta R.T.: 0.020 min
Response: -717
Conc: N.D.



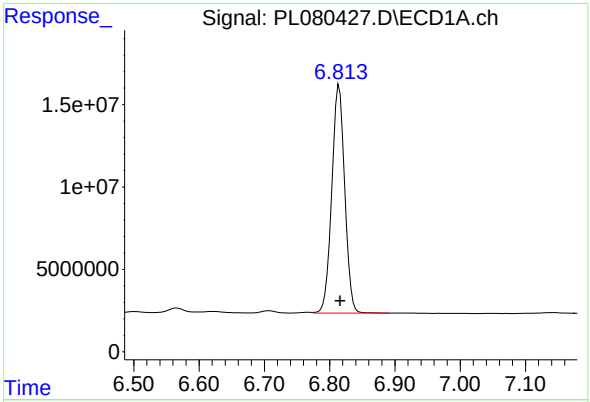
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 849623
Conc: 0.46 ng/ml



#16 4,4'-DDD

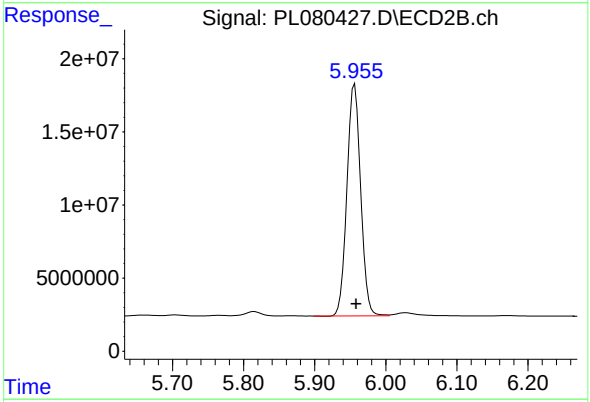
R.T.: 5.704 min
Delta R.T.: -0.002 min
Response: 353310
Conc: 0.19 ng/ml



#17 4,4'-DDT

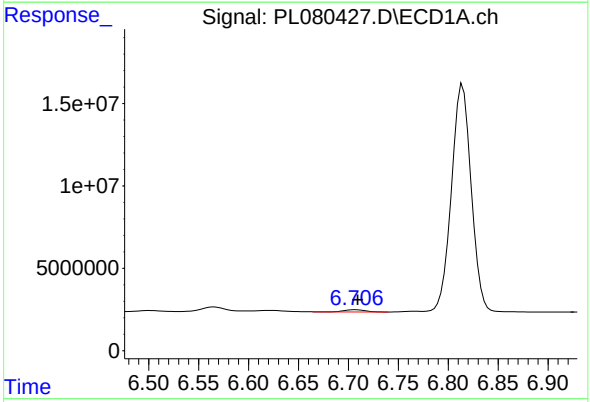
R.T.: 6.815 min
Delta R.T.: -0.002 min
Response: 190533270
Conc: 91.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



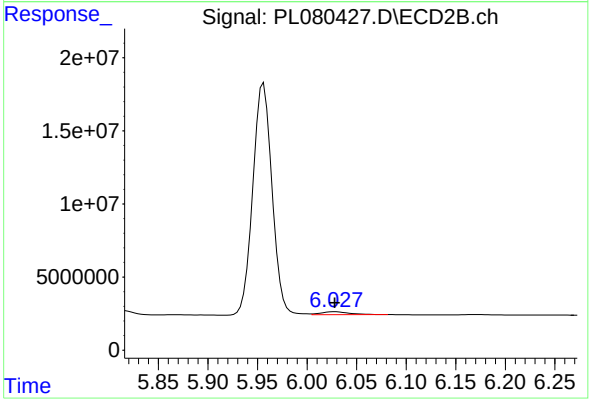
#17 4,4'-DDT

R.T.: 5.956 min
Delta R.T.: -0.002 min
Response: 212976820
Conc: 101.35 ng/ml



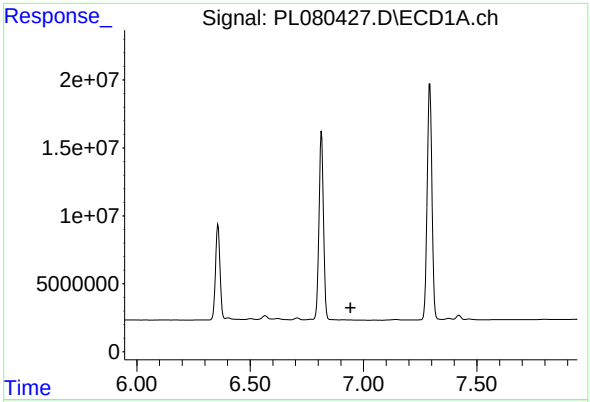
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 1832237
Conc: 1.10 ng/ml



#18 Endrin aldehyde

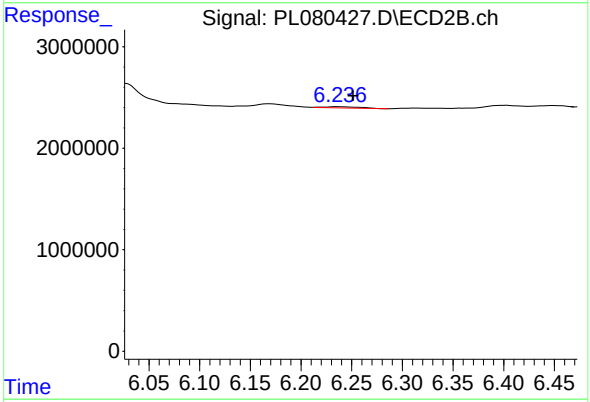
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 4087792
Conc: 2.24 ng/ml



#19 Endosulfan Sulfate

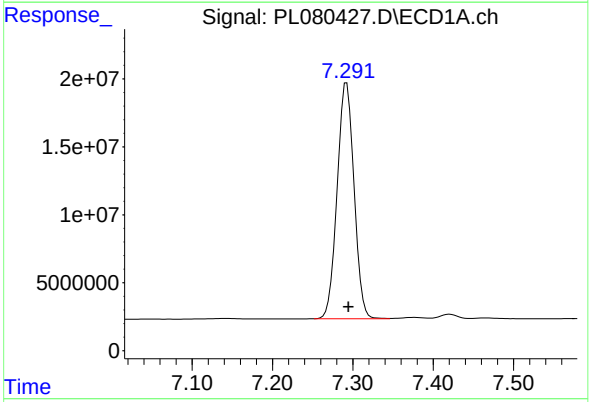
R.T.: 0.000 min
Exp R.T. : 6.943 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



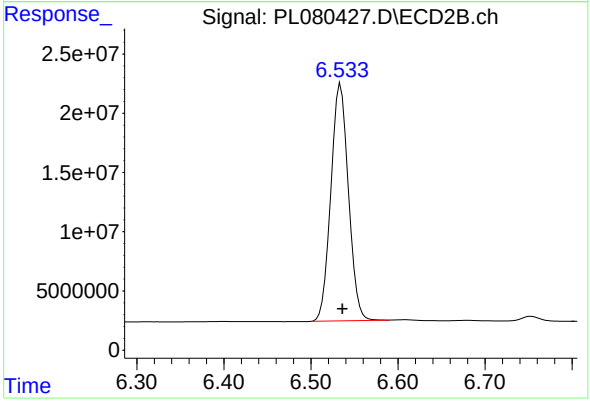
#19 Endosulfan Sulfate

R.T.: 6.236 min
Delta R.T.: -0.015 min
Response: 289675
Conc: 0.12 ng/ml



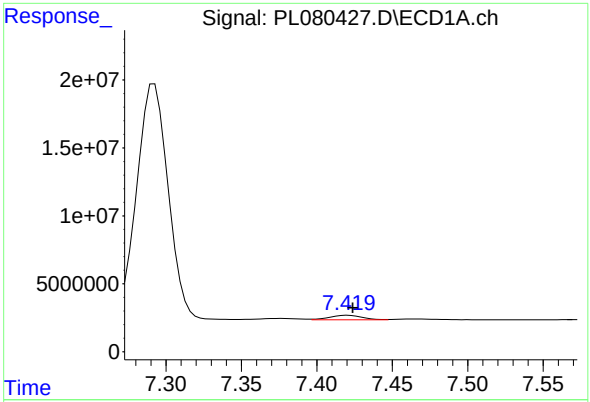
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 253869869
Conc: 230.10 ng/ml



#20 Methoxychlor

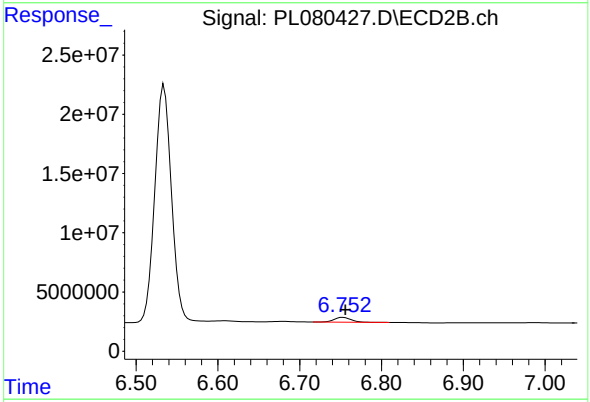
R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 280848632
Conc: 231.44 ng/ml



#21 Endrin ketone

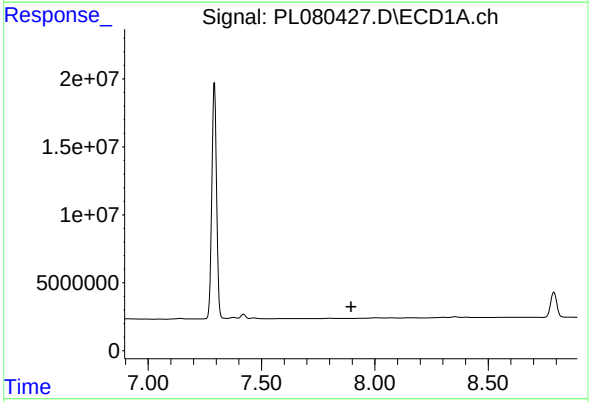
R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 4957048
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



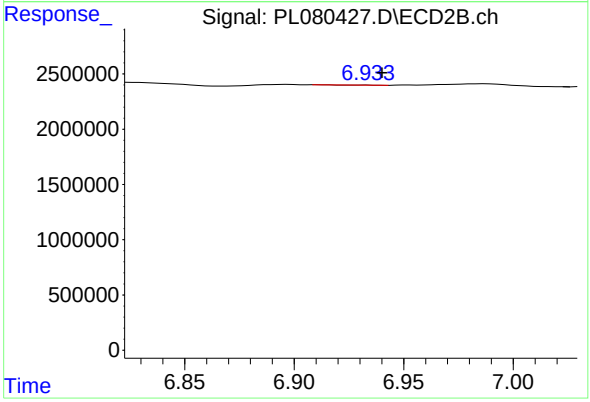
#21 Endrin ketone

R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 5757671
Conc: 2.26 ng/ml



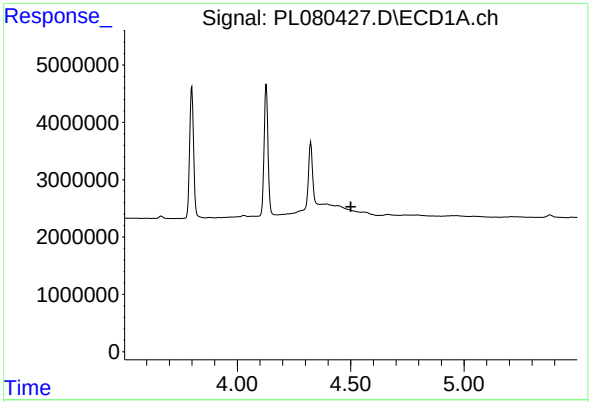
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.896 min
Response: 0
Conc: N.D.



#22 Mirex

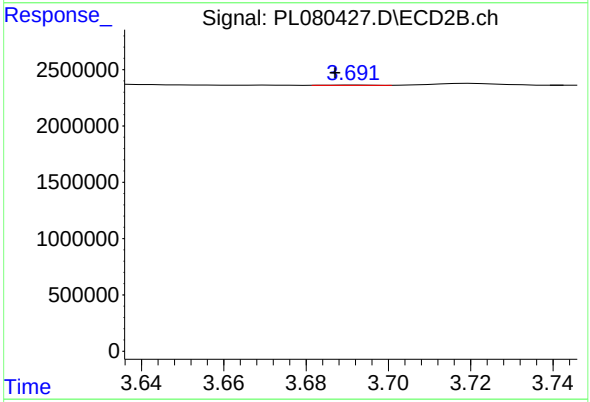
R.T.: 6.933 min
Delta R.T.: -0.007 min
Response: 3621
Conc: 0.00 ng/ml



#23 Chlordane-1

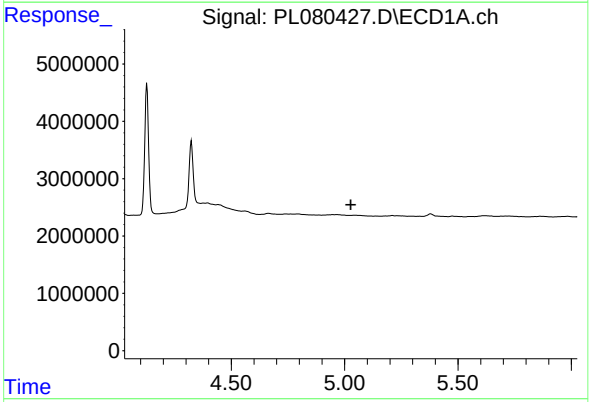
R.T.: 0.000 min
Exp R.T. : 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



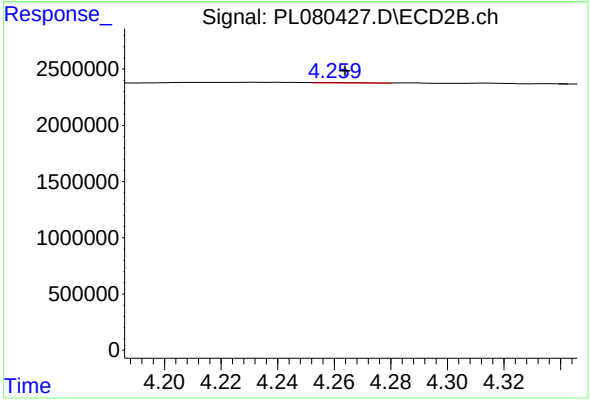
#23 Chlordane-1

R.T.: 3.692 min
Delta R.T.: 0.005 min
Response: 12297
Conc: 0.15 ng/ml



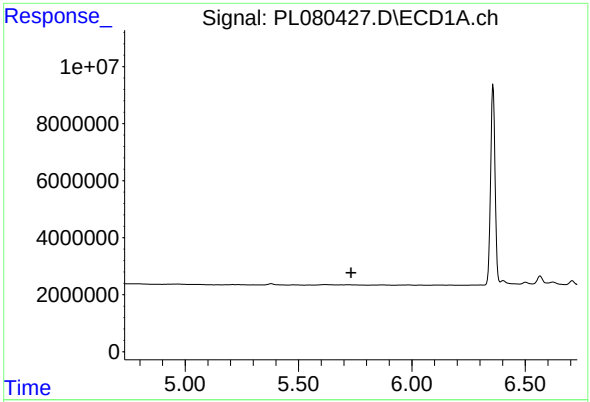
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.027 min
Response: 0
Conc: N.D.



#24 Chlordane-2

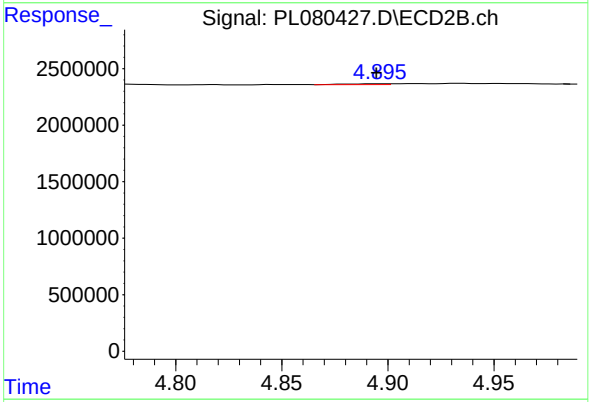
R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 52469
Conc: 0.58 ng/ml



#25 Chlordane-3

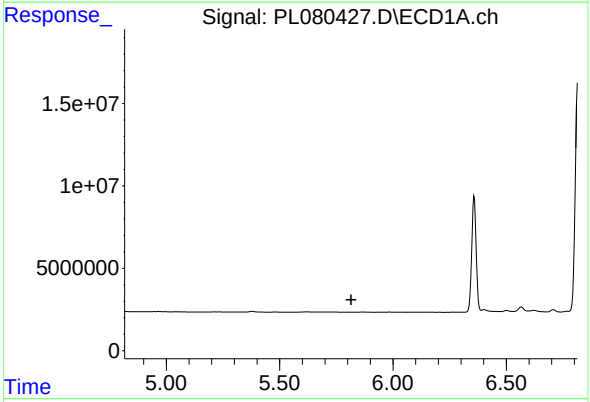
R.T.: 0.000 min
Exp R.T. : 5.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



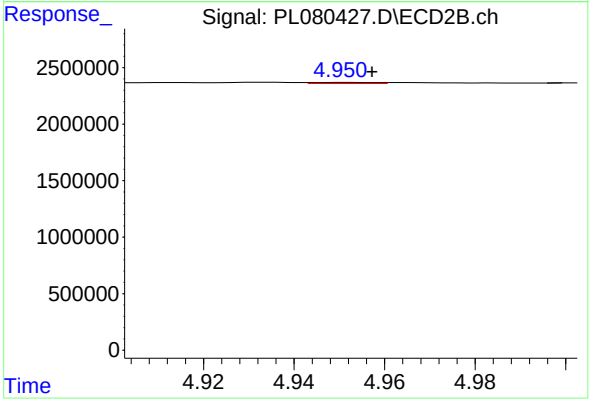
#25 Chlordane-3

R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 101661
Conc: 0.39 ng/ml



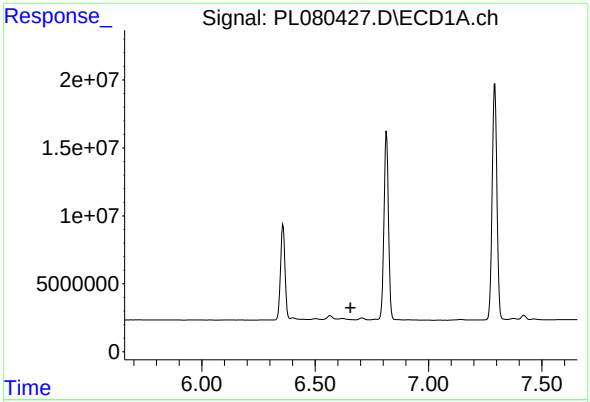
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.



#26 Chlordane-4

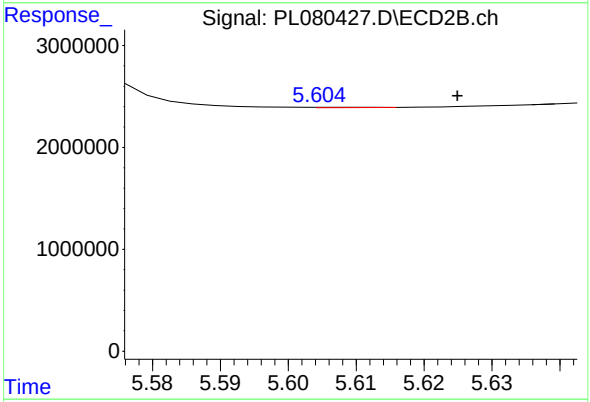
R.T.: 4.951 min
Delta R.T.: -0.006 min
Response: 92132
Conc: 0.34 ng/ml



#27 Chlordane-5

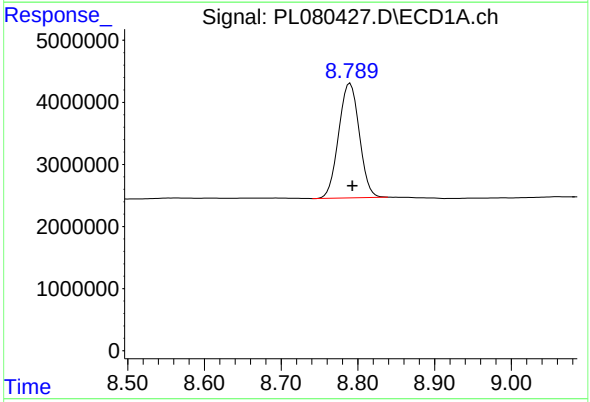
R.T.: 0.000 min
Exp R.T. : 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



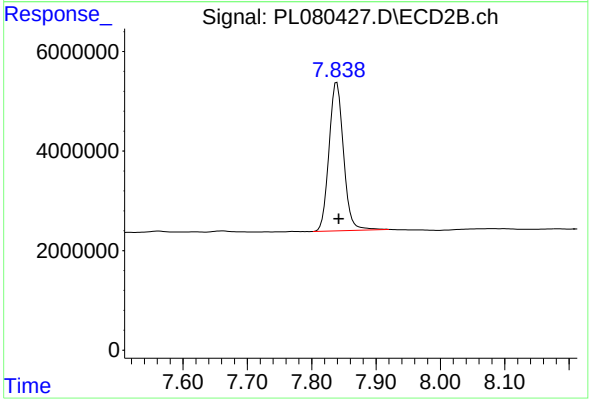
#27 Chlordane-5

R.T.: 5.607 min
Delta R.T.: -0.018 min
Response: 20523
Conc: 0.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 34694099
Conc: 19.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.839 min
Delta R.T.: -0.003 min
Response: 46818039
Conc: 19.65 ng/ml