Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
Data File : PL080719.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Feb 2023 10:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 03 23:34:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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...	3.353	2.690	41279431	39678493	19.246	18.065	
28)	SA Decachlor...	8.792	7.836	30543675	36572988	17.446	15.350	
	Target Compounds							
2)	A alpha-BHC	3.801	3.190	27627394	25265319	8.721	7.944	
3)	MA gamma-BHC...	4.130	3.519	26758266	24333168	9.102	8.146	
4)	MA Heptachlor	4.693f	3.864	54939	48891	0.019	0.015	
5)	MB Aldrin	0.000	4.150	0	476176	N.D.	0.161	#
6)	B beta-BHC	4.326	3.815	13572842	12778865	9.943	9.575	
7)	B delta-BHC	4.569	4.047	989413	116109	0.342	0.040	#
8)	B Heptachlo...	5.476	4.642	602728	17178	0.233	0.006	#
9)	A Endosulfan I	0.000	5.013	0	196193	N.D.	0.075	#
10)	B gamma-Chl...	5.740	4.902	196284	289499	0.078	0.102	#
11)	B alpha-Chl...	0.000	4.959	0	123274	N.D.	0.043	#
12)	B 4,4'-DDE	5.988	5.149	313775	338862	0.141	0.144	
13)	MA Dieldrin	0.000	5.281	0	380455	N.D.	0.141	#
14)	MA Endrin	6.360	5.550	80393691	86198985	37.173	37.136	
15)	B Endosulfa...	6.569	5.865f	2616645	-969990	1.141	N.D.	#
16)	A 4,4'-DDD	6.503	5.702	13986129	13682401	7.634	7.281	
17)	MA 4,4'-DDT	6.816	5.954	141.7E6	158.5E6	68.189	75.428	
18)	B Endrin al...	6.708	6.024	3501944	4566156	2.105	2.500	
19)	B Endosulfa...	6.919f	6.240	673642	242689	0.325	0.104	#
20)	A Methoxychlor	7.294	6.532	198.8E6	217.6E6	180.232	179.310	
21)	B Endrin ke...	7.423	6.751	8831476	10201020	4.003	3.995	
22)	Mirex	7.911f	0.000	197066	0	0.115	N.D.	#
23)	Chlordane-1	0.000	3.681	0	29941	N.D.	0.368	#
24)	Chlordane-2	0.000	4.276	0	630502	N.D.	6.993	#
25)	Chlordane-3	5.740	4.902	196284	289499	0.581	1.098	#
26)	Chlordane-4	0.000	4.959	0	123274	N.D.	0.458	#
27)	Chlordane-5	0.000	5.626	0	223396	N.D.	3.140	#

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

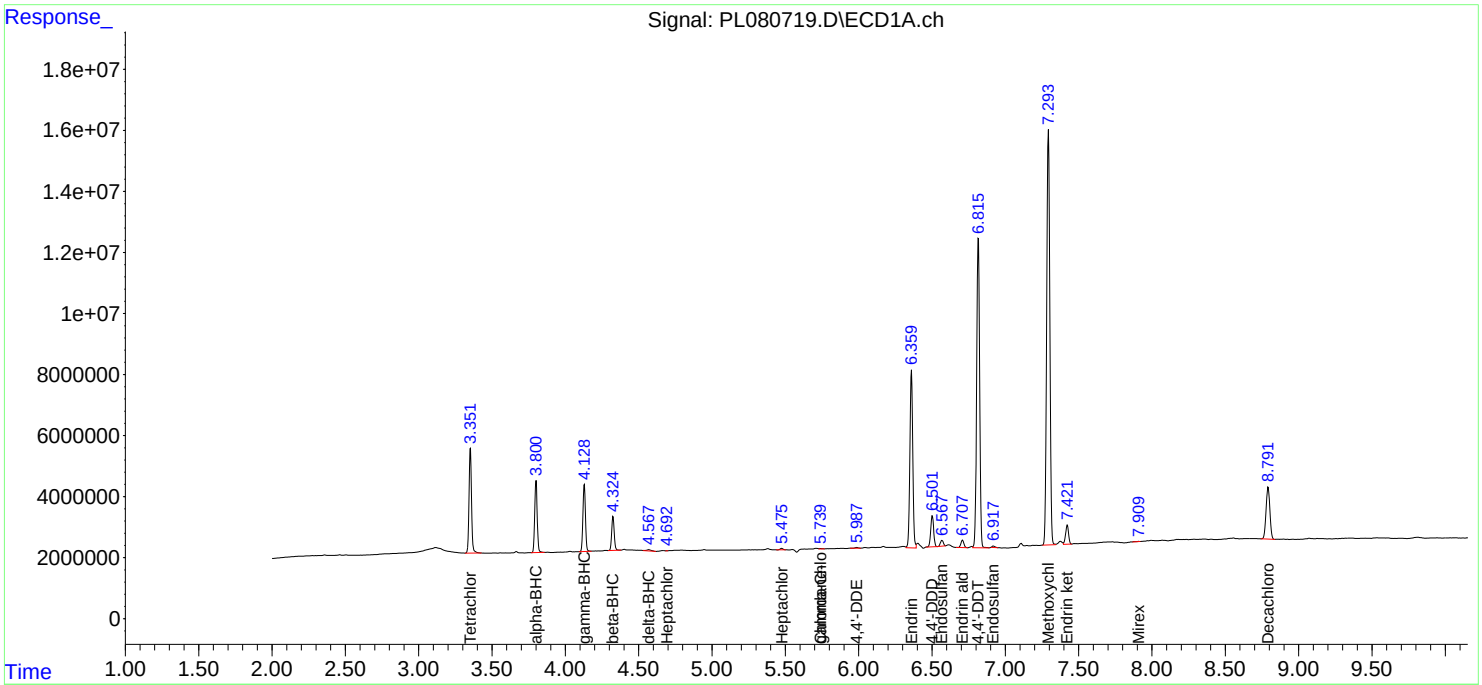
Quantitation Report (Not Reviewed)

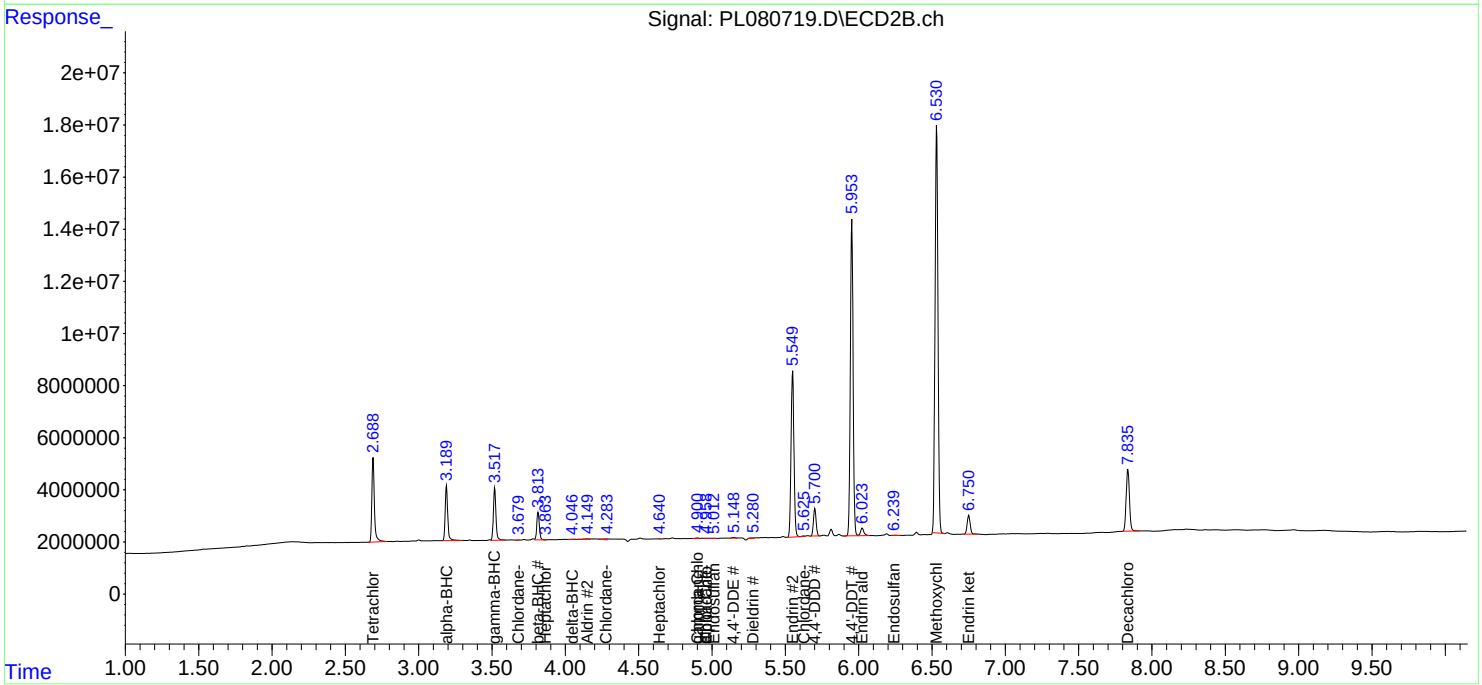
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
Data File : PL080719.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Feb 2023 10:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

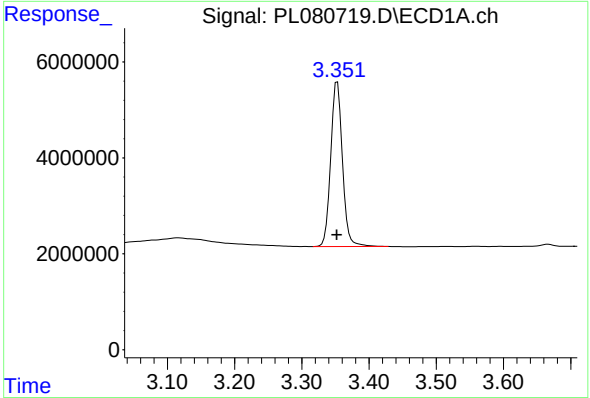
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 03 23:34:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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



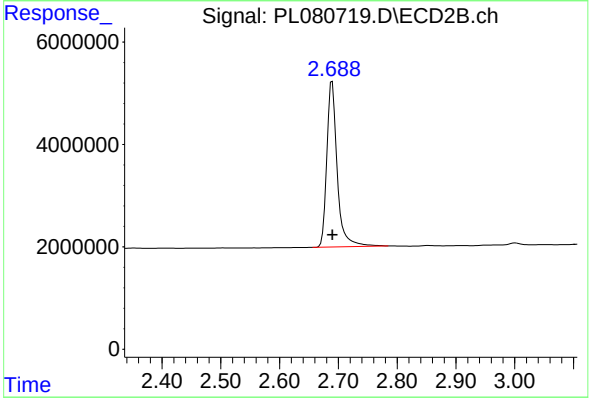




#1 Tetrachloro-m-xylene

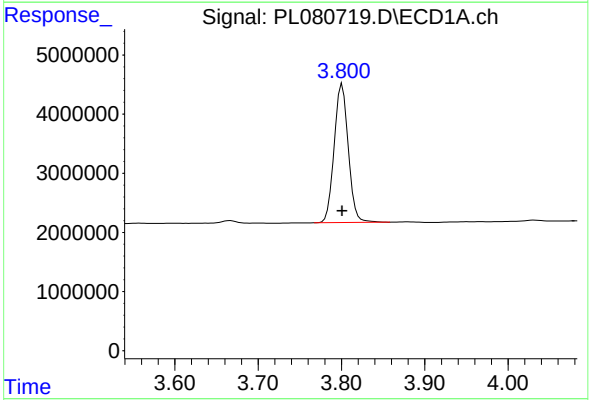
R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 41279431
Conc: 19.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



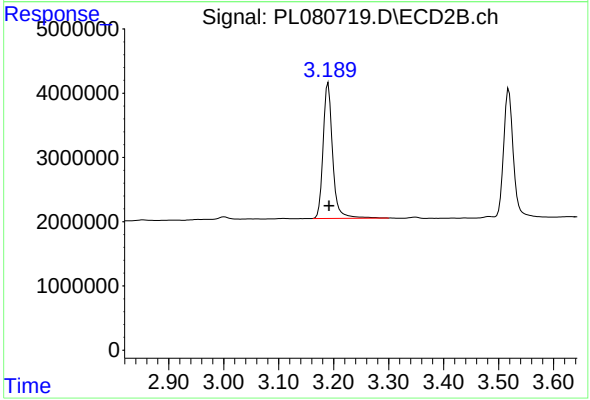
#1 Tetrachloro-m-xylene

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 39678493
Conc: 18.06 ng/ml



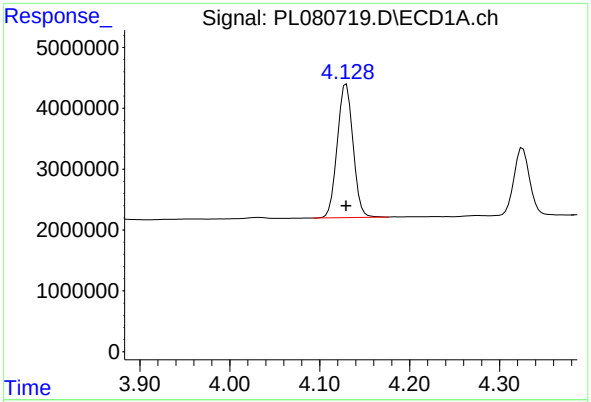
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 27627394
Conc: 8.72 ng/ml



#2 alpha-BHC

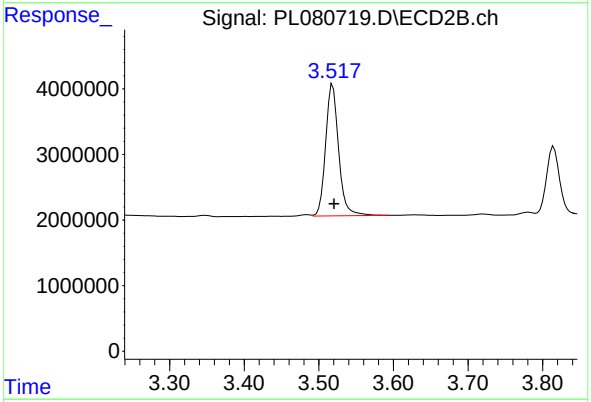
R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 25265319
Conc: 7.94 ng/ml



#3 gamma-BHC (Lindane)

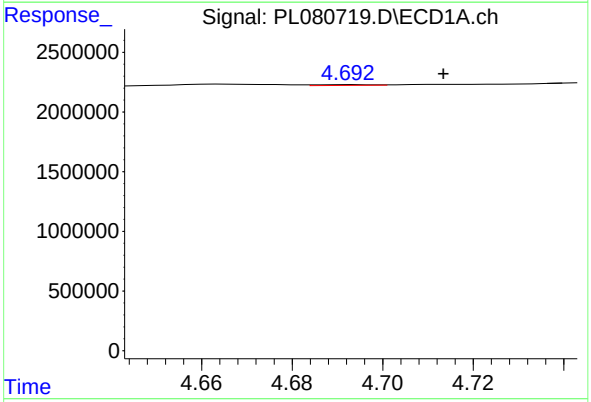
R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 26758266
Conc: 9.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



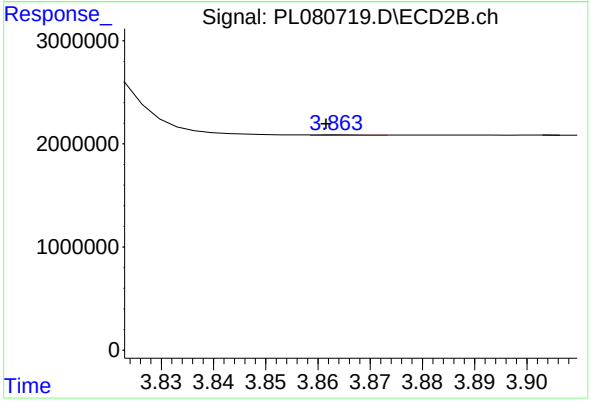
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: -0.002 min
Response: 24333168
Conc: 8.15 ng/ml



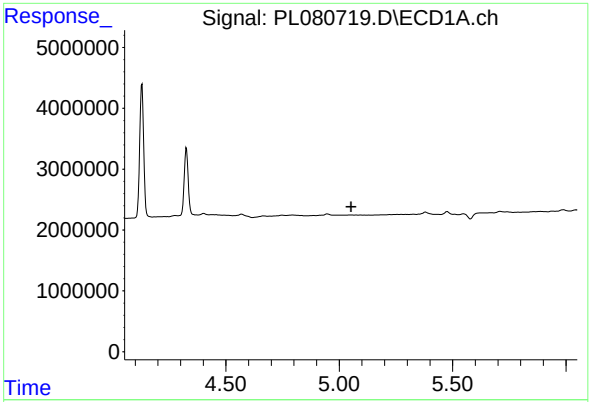
#4 Heptachlor

R.T.: 4.693 min
Delta R.T.: -0.020 min
Response: 54939
Conc: 0.02 ng/ml



#4 Heptachlor

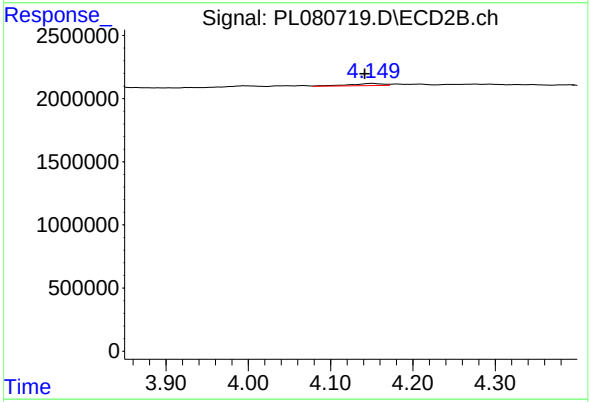
R.T.: 3.864 min
Delta R.T.: 0.003 min
Response: 48891
Conc: 0.02 ng/ml



#5 Aldrin

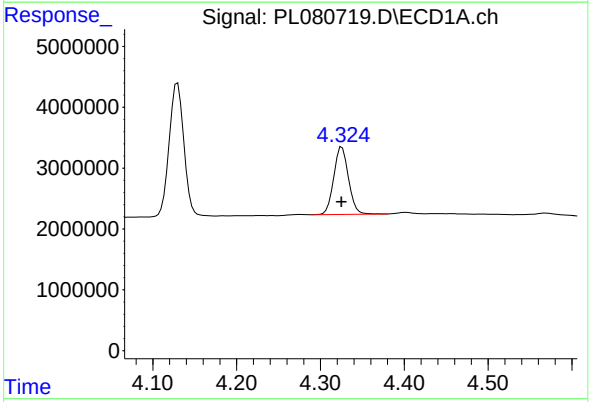
R.T.: 0.000 min
Exp R.T. : 5.052 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



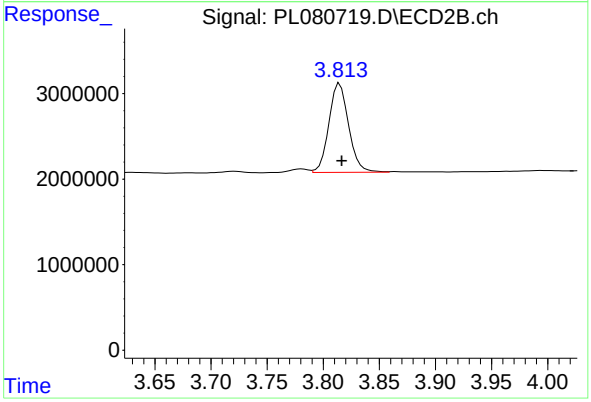
#5 Aldrin

R.T.: 4.150 min
Delta R.T.: 0.009 min
Response: 476176
Conc: 0.16 ng/ml



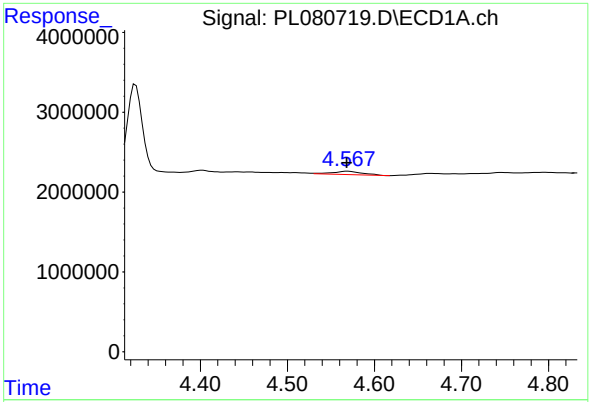
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 13572842
Conc: 9.94 ng/ml



#6 beta-BHC

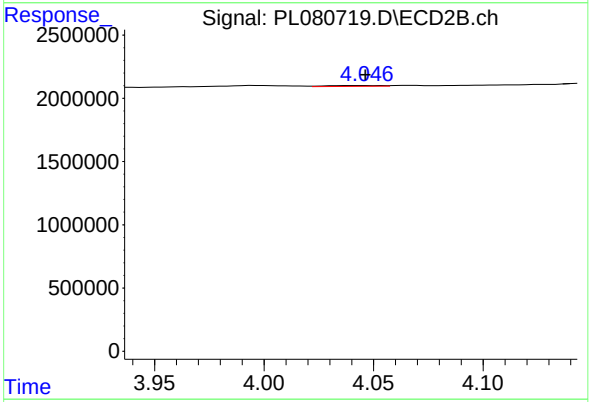
R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 12778865
Conc: 9.57 ng/ml



#7 delta-BHC

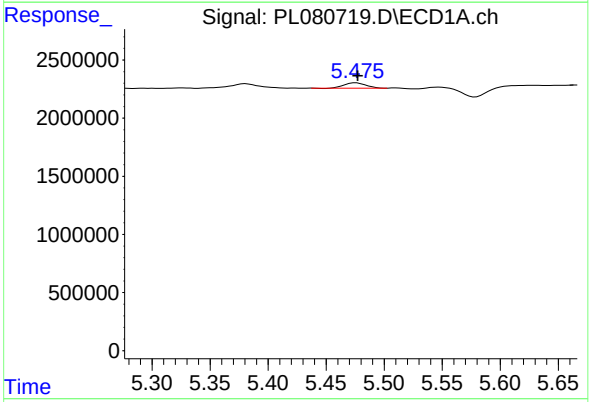
R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 989413
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



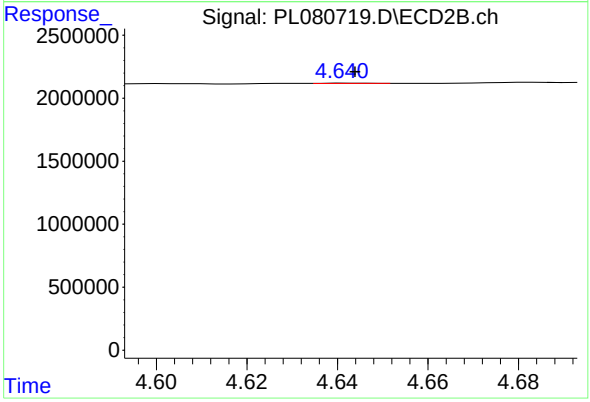
#7 delta-BHC

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 116109
Conc: 0.04 ng/ml



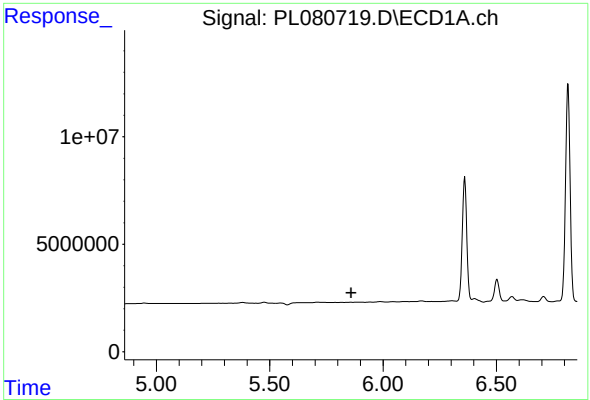
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 602728
Conc: 0.23 ng/ml



#8 Heptachlor epoxide

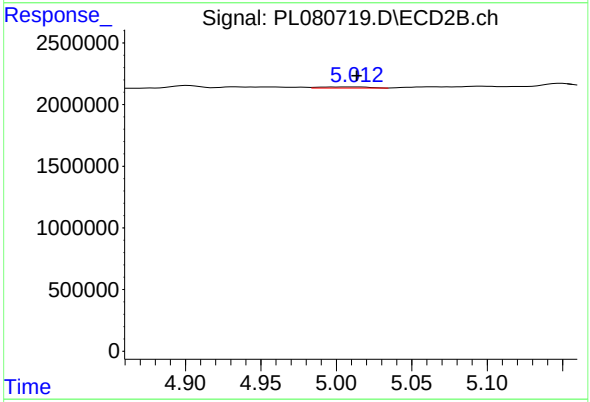
R.T.: 4.642 min
Delta R.T.: -0.002 min
Response: 17178
Conc: 0.01 ng/ml



#9 Endosulfan I

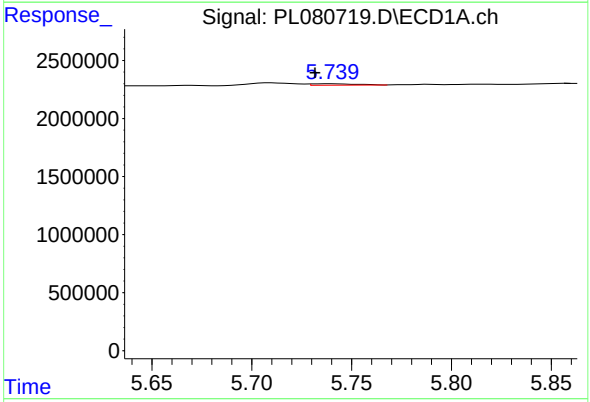
R.T.: 0.000 min
Exp R.T. : 5.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



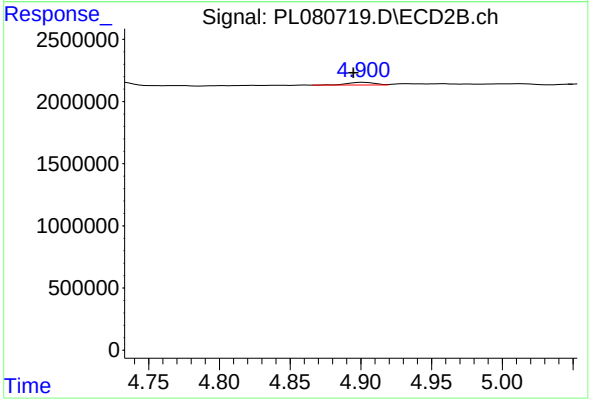
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 196193
Conc: 0.08 ng/ml



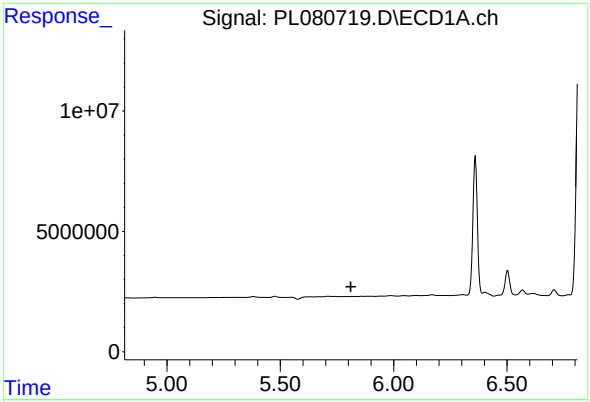
#10 gamma-Chlordane

R.T.: 5.740 min
Delta R.T.: 0.009 min
Response: 196284
Conc: 0.08 ng/ml



#10 gamma-Chlordane

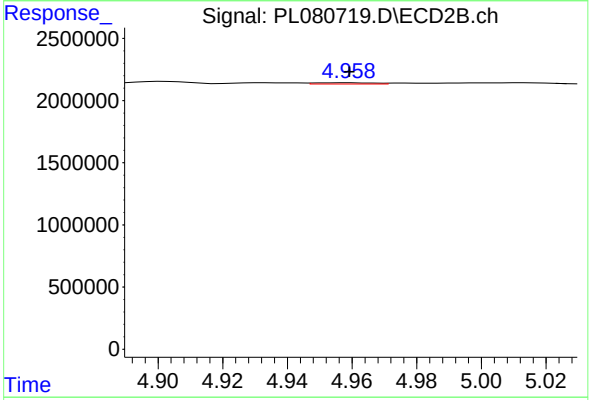
R.T.: 4.902 min
Delta R.T.: 0.007 min
Response: 289499
Conc: 0.10 ng/ml



#11 alpha-Chlordane

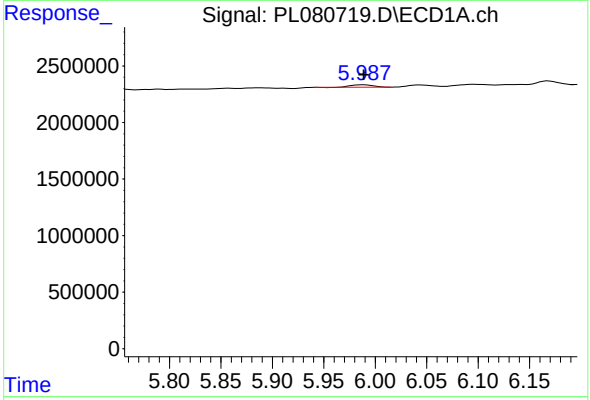
R.T.: 0.000 min
Exp R.T. : 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



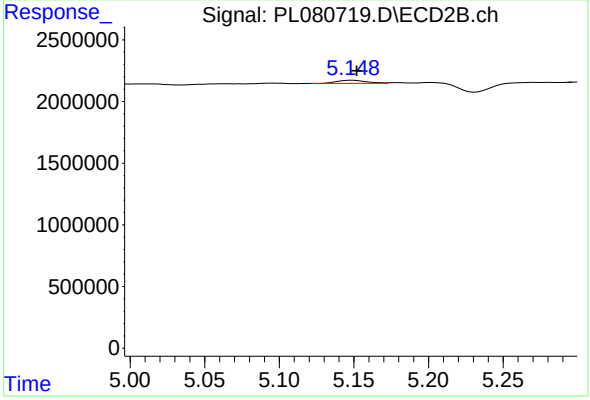
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 123274
Conc: 0.04 ng/ml



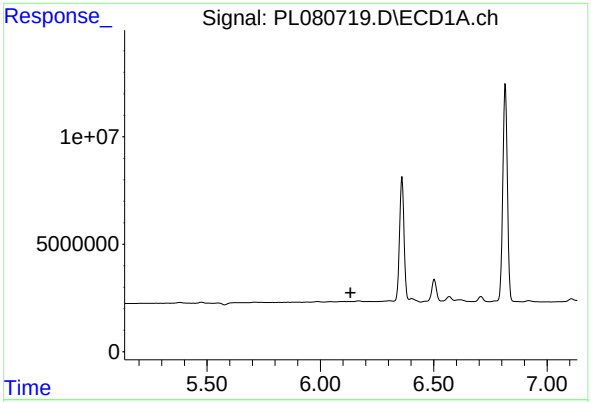
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 313775
Conc: 0.14 ng/ml



#12 4,4'-DDE

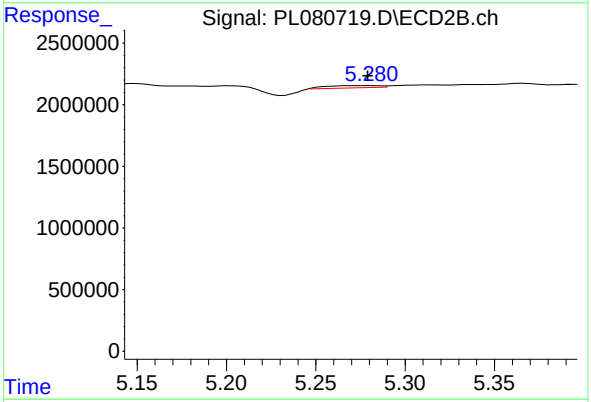
R.T.: 5.149 min
Delta R.T.: -0.003 min
Response: 338862
Conc: 0.14 ng/ml



#13 Dieldrin

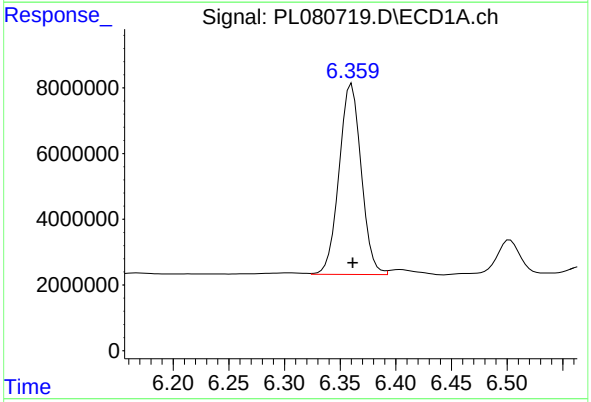
R.T.: 0.000 min
Exp R.T. : 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



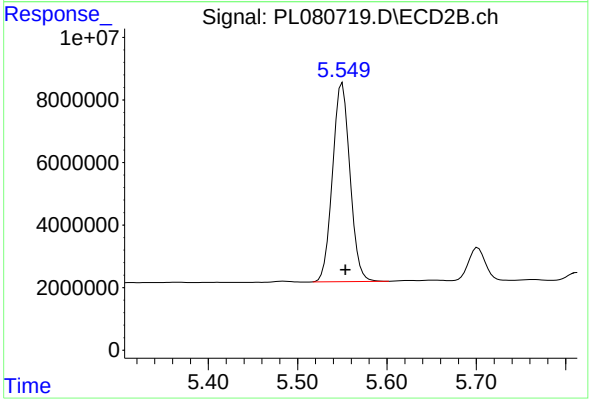
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: 0.002 min
Response: 380455
Conc: 0.14 ng/ml



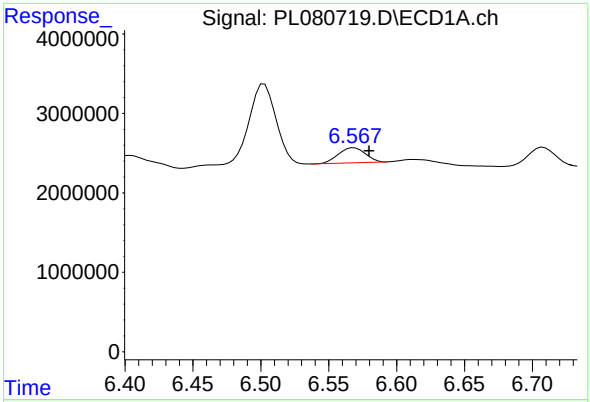
#14 Endrin

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 80393691
Conc: 37.17 ng/ml



#14 Endrin

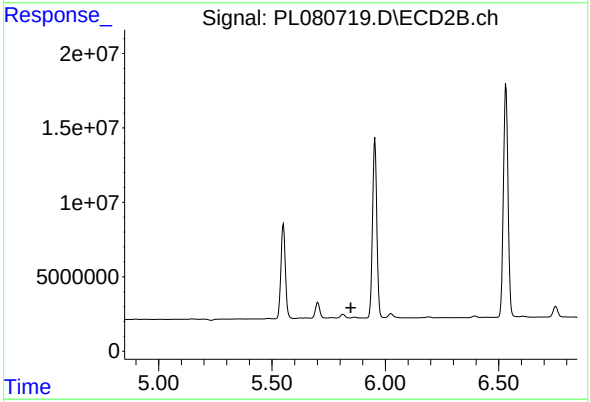
R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 86198985
Conc: 37.14 ng/ml



#15 Endosulfan II

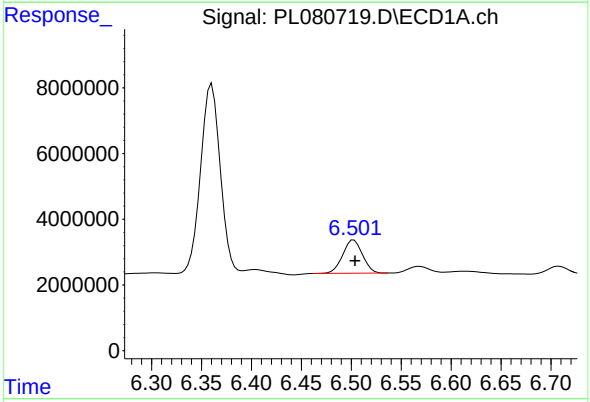
R.T.: 6.569 min
Delta R.T.: -0.011 min
Response: 2616645
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



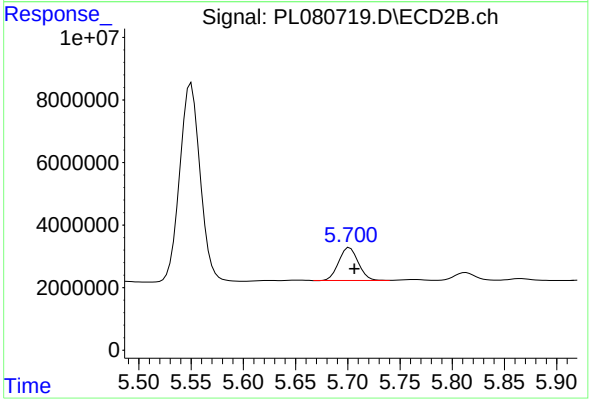
#15 Endosulfan II

R.T.: 5.865 min
Delta R.T.: 0.018 min
Response: -969990
Conc: N.D.



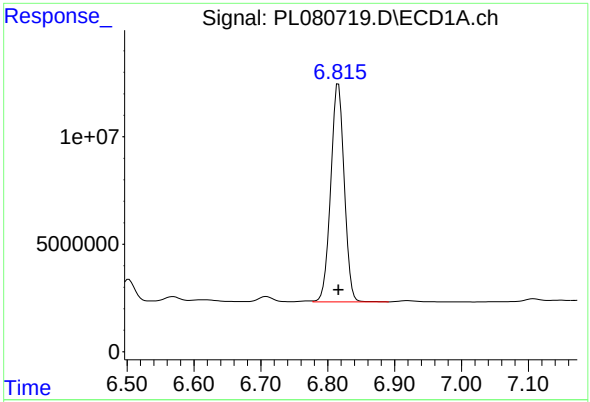
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: -0.001 min
Response: 13986129
Conc: 7.63 ng/ml



#16 4,4'-DDD

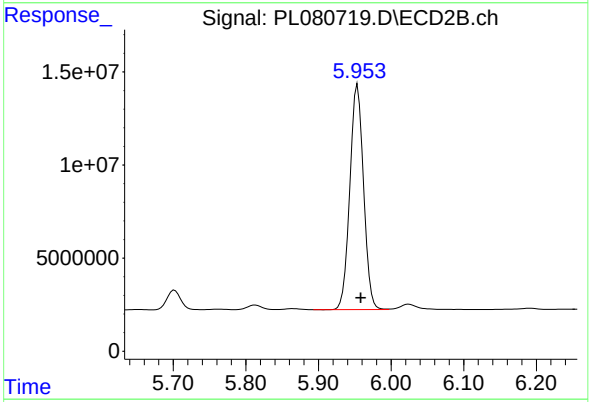
R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 13682401
Conc: 7.28 ng/ml



#17 4,4'-DDT

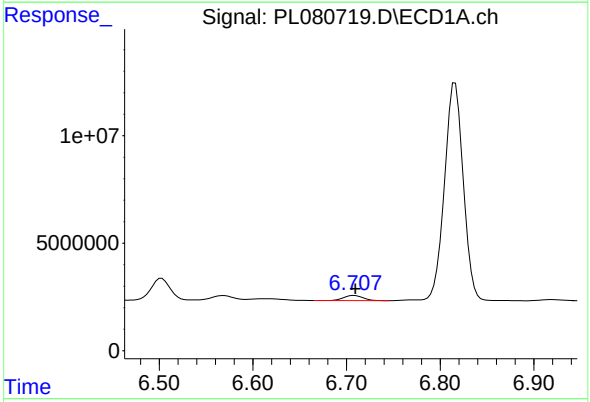
R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 141673536
Conc: 68.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



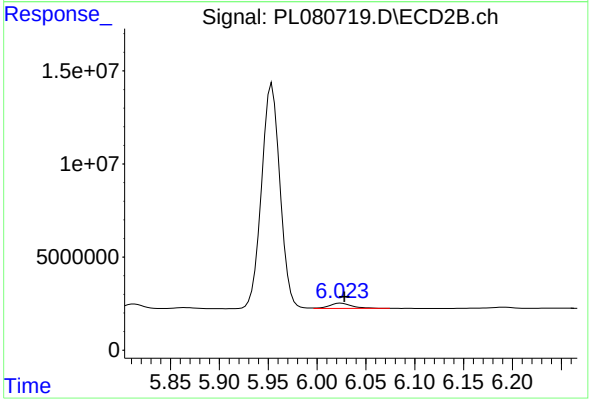
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.004 min
Response: 158511258
Conc: 75.43 ng/ml



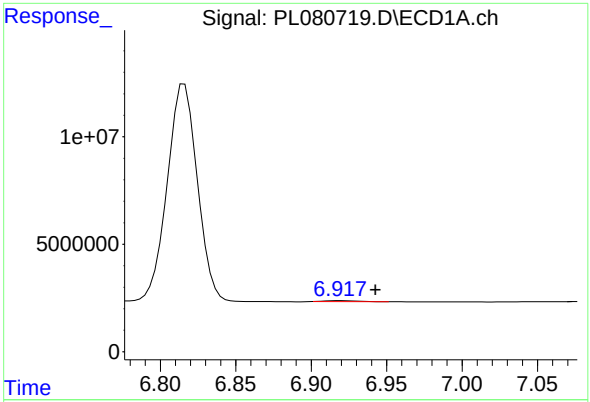
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 3501944
Conc: 2.11 ng/ml



#18 Endrin aldehyde

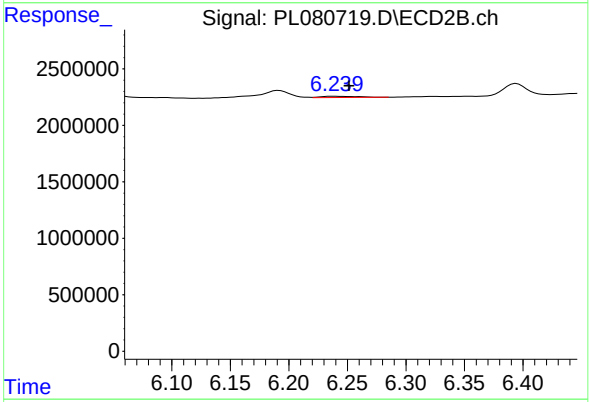
R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 4566156
Conc: 2.50 ng/ml



#19 Endosulfan Sulfate

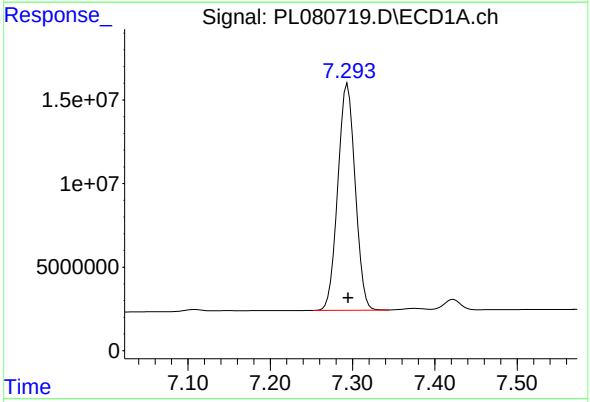
R.T.: 6.919 min
Delta R.T.: -0.024 min
Response: 673642
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



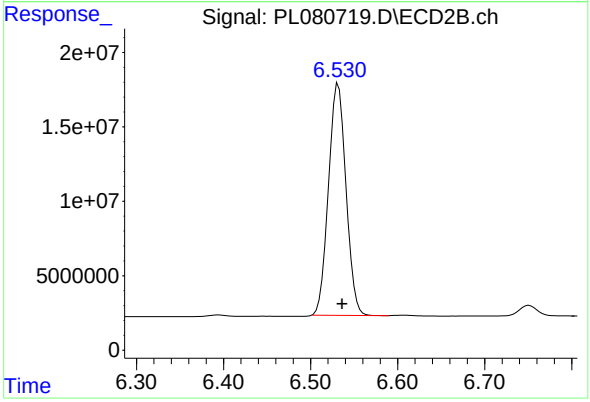
#19 Endosulfan Sulfate

R.T.: 6.240 min
Delta R.T.: -0.012 min
Response: 242689
Conc: 0.10 ng/ml



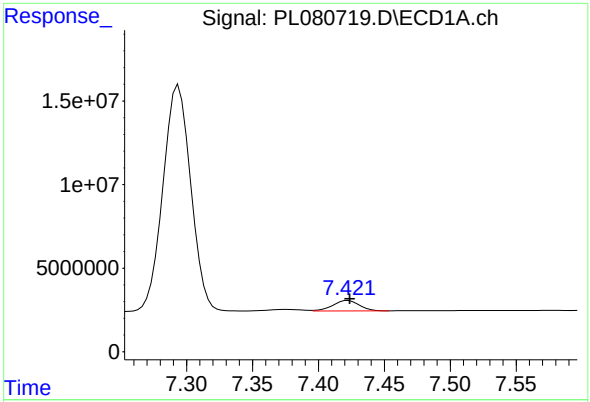
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 198847436
Conc: 180.23 ng/ml



#20 Methoxychlor

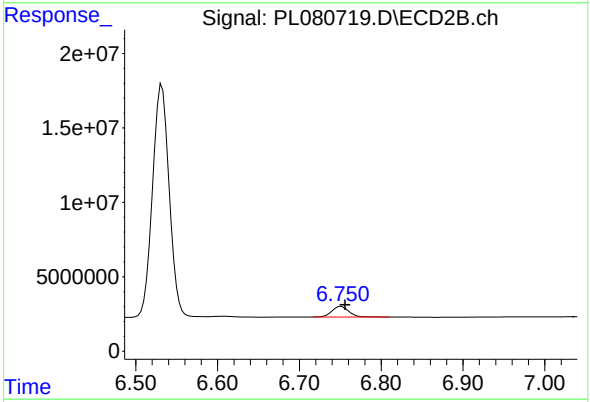
R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 217586839
Conc: 179.31 ng/ml



#21 Endrin ketone

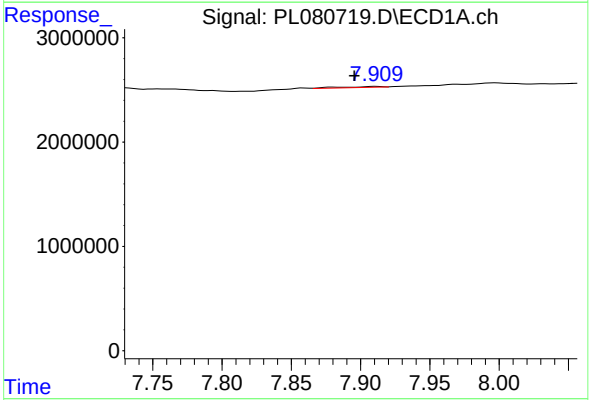
R.T.: 7.423 min
Delta R.T.: -0.001 min
Response: 8831476
Conc: 4.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



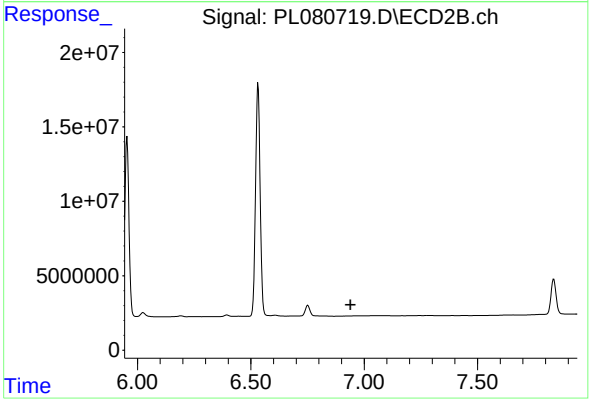
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 10201020
Conc: 4.00 ng/ml



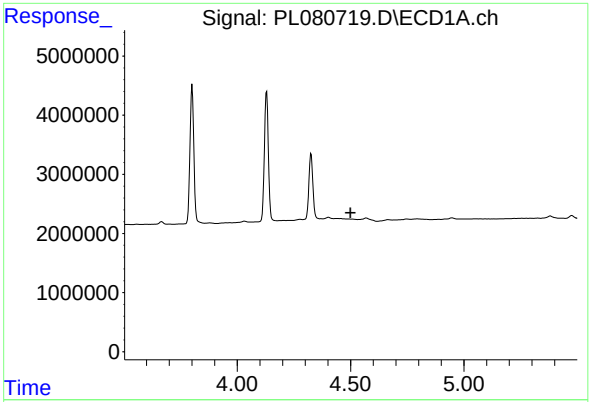
#22 Mirex

R.T.: 7.911 min
Delta R.T.: 0.015 min
Response: 197066
Conc: 0.11 ng/ml



#22 Mirex

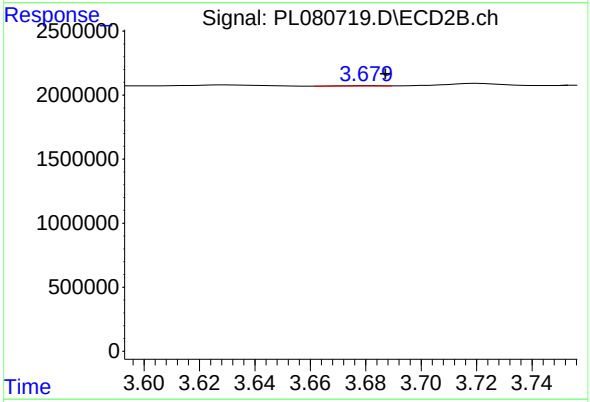
R.T.: 0.000 min
Exp R.T. : 6.940 min
Response: 0
Conc: N.D.



#23 Chlordane-1

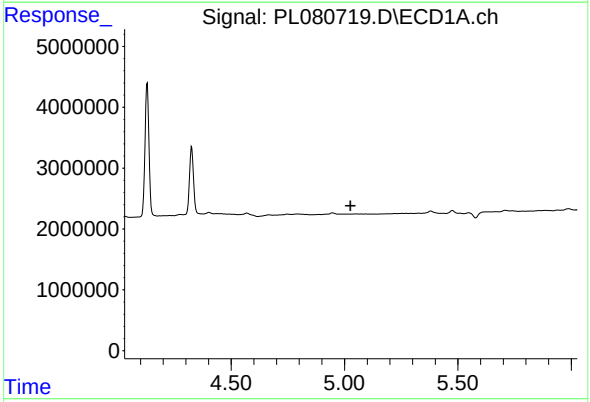
R.T.: 0.000 min
Exp R.T. : 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



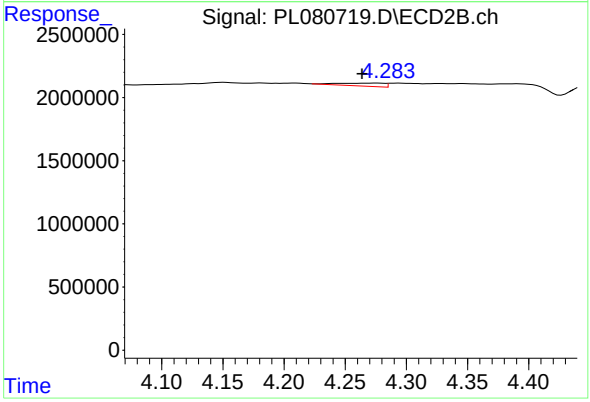
#23 Chlordane-1

R.T.: 3.681 min
Delta R.T.: -0.006 min
Response: 29941
Conc: 0.37 ng/ml



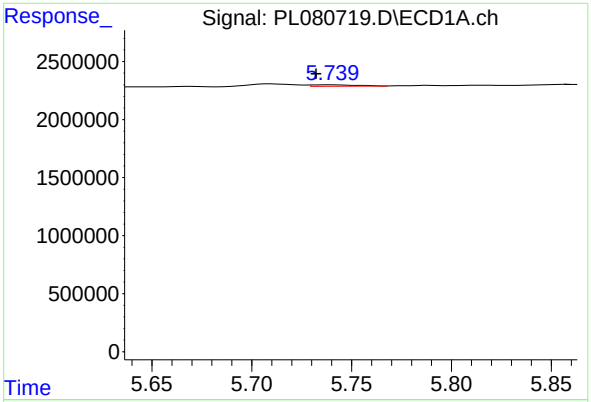
#24 Chlordane-2

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



#24 Chlordane-2

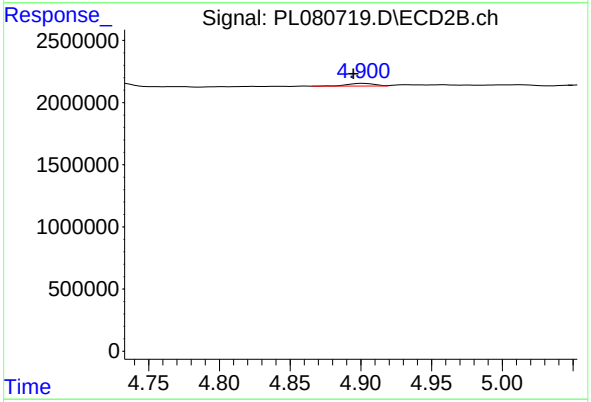
R.T.: 4.276 min
Delta R.T.: 0.012 min
Response: 630502
Conc: 6.99 ng/ml



#25 Chlordane-3

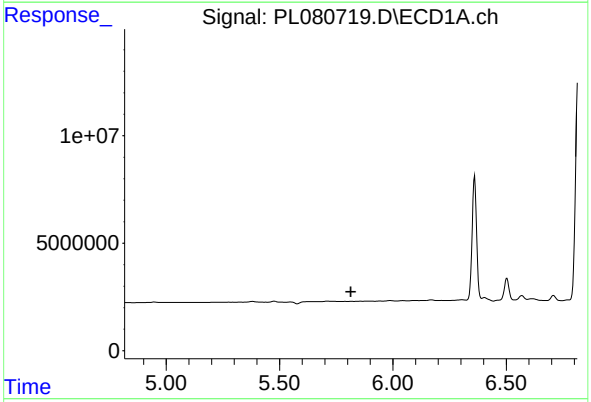
R.T.: 5.740 min
Delta R.T.: 0.008 min
Response: 196284
Conc: 0.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



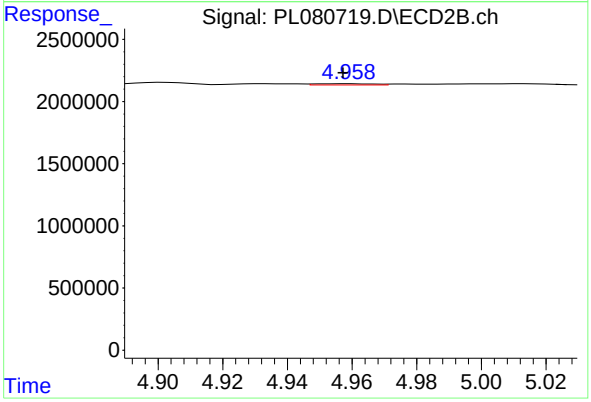
#25 Chlordane-3

R.T.: 4.902 min
Delta R.T.: 0.007 min
Response: 289499
Conc: 1.10 ng/ml



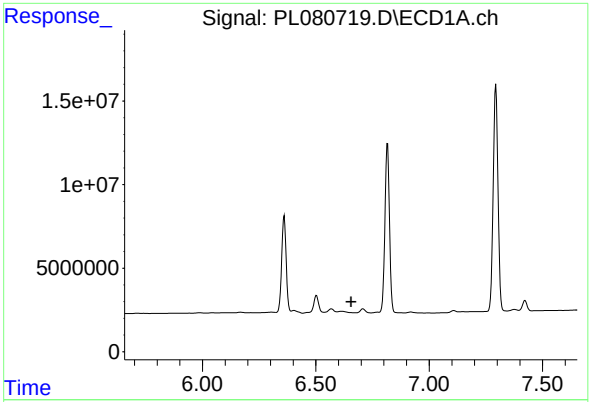
#26 Chlordane-4

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



#26 Chlordane-4

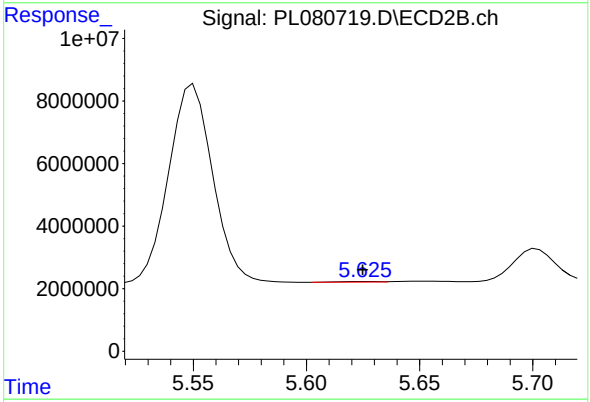
R.T.: 4.959 min
Delta R.T.: 0.002 min
Response: 123274
Conc: 0.46 ng/ml



#27 Chlordane-5

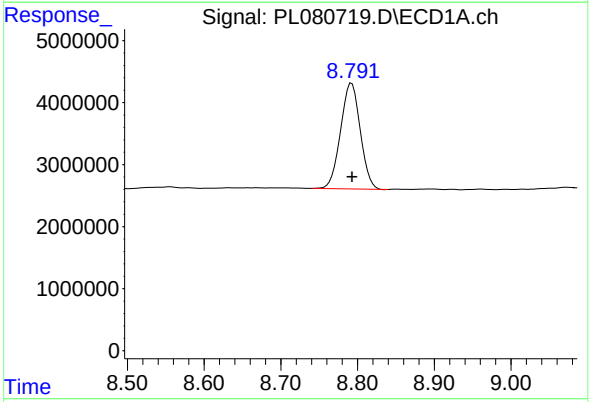
R.T.: 0.000 min
Exp R.T. : 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



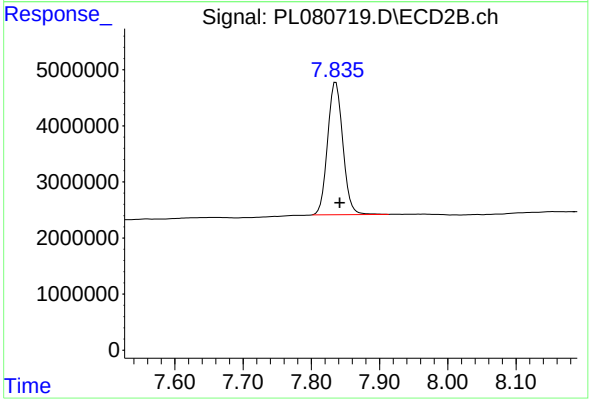
#27 Chlordane-5

R.T.: 5.626 min
Delta R.T.: 0.001 min
Response: 223396
Conc: 3.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 30543675
Conc: 17.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 36572988
Conc: 15.35 ng/ml