Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021523\
Data File : PL080960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2023 19:54
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 15 20:49:28 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...	3.351	2.688	42109421	42273290	19.633	19.246	
28)	SA Decachlor...	8.787	7.832	35452735	43689253	20.250	18.337	
	Target Compounds							
2)	A alpha-BHC	3.799	3.188	29005451	28684174	9.156	9.019	
3)	MA gamma-BHC...	4.128	3.516	27978252	27139765	9.517	9.085	
4)	MA Heptachlor	4.709	3.876	802476	151796	0.272	0.048	#
5)	MB Aldrin	0.000	4.146	0	2116296	N.D.	0.717	#
6)	B beta-BHC	4.324	3.812	13850899	13652767	10.147	10.230	
7)	B delta-BHC	0.000	4.038	0	1079447	N.D.	0.374	#
8)	B Heptachlo...	5.474	4.648	4961822	-9001	1.918	N.D.	#
9)	A Endosulfan I	5.848	0.000	841137	0	0.356	N.D.	#
10)	B gamma-Chl...	5.707f	4.897	624788	455411	0.247	0.161	#
11)	B alpha-Chl...	0.000	4.962	0	829410	N.D.	0.290	#
12)	B 4,4'-DDE	0.000	5.148	0	1698008	N.D.	0.720	#
13)	MA Dieldrin	0.000	5.271	0	2059414	N.D.	0.761	#
14)	MA Endrin	6.358	5.547	106.7E6	107.2E6	49.341	46.186	
15)	B Endosulfa...	6.566	5.861	3375875	-2413554	1.473	N.D.	#
16)	A 4,4'-DDD	6.500	5.698	4289304	2630897	2.341	1.400	#
17)	MA 4,4'-DDT	6.814	5.950	193.2E6	214.1E6	92.975	101.879	
18)	B Endrin al...	6.706	6.022	2481386	4105756	1.492	2.248	#
19)	B Endosulfa...	6.916f	6.233f	326460	268257	0.158	0.115	#
20)	A Methoxychlor	7.292	6.528	258.3E6	273.2E6	234.091	225.106	
21)	B Endrin ke...	7.419	6.748	5572600	6090927	2.526	2.386	
22)	Mirex	0.000	6.954	0	120041	N.D.	0.053	#
23)	Chlordane-1	0.000	3.687	0	39510	N.D.	0.485	#
24)	Chlordane-2	0.000	4.274	0	8596891	N.D.	95.354	#
25)	Chlordane-3	5.707f	4.897	624788	455411	1.849	1.727	
26)	Chlordane-4	0.000	4.962	0	829410	N.D.	3.080	#
27)	Chlordane-5	0.000	5.648f	0	545140	N.D.	7.661	#

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

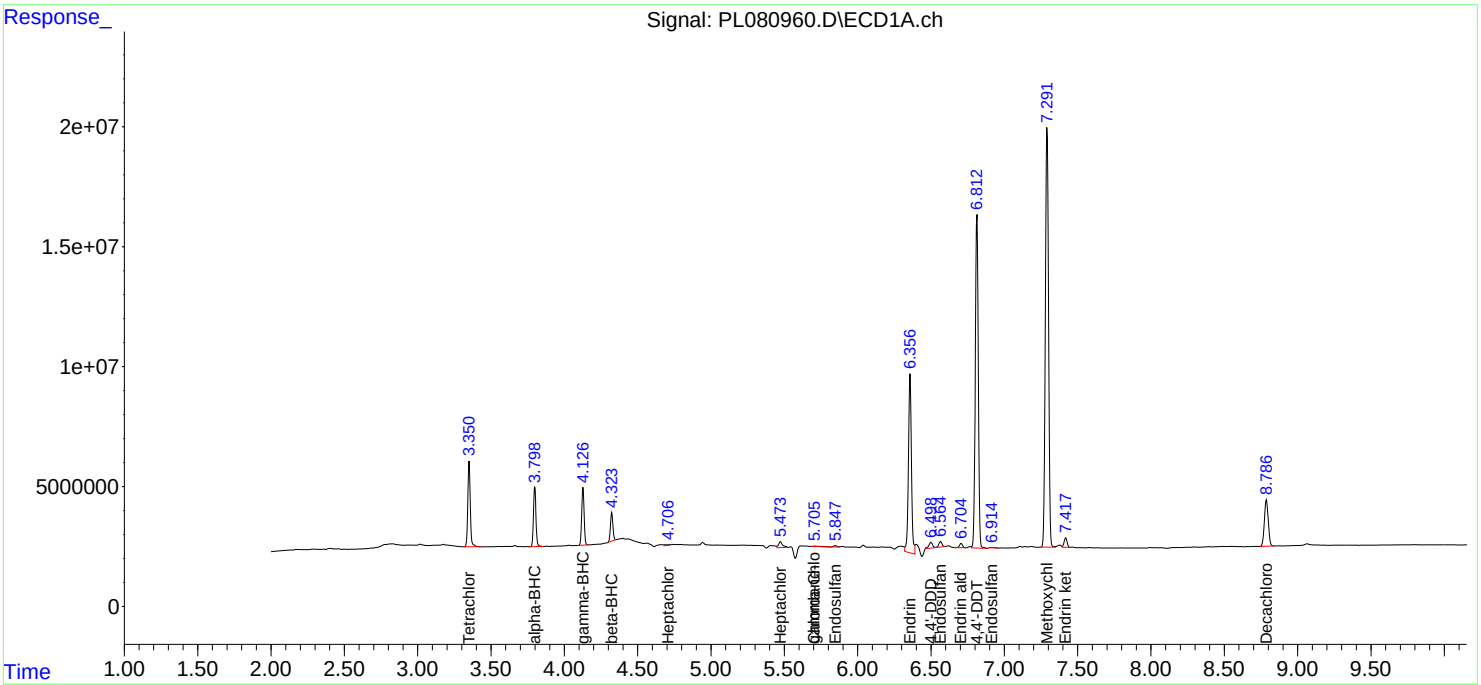
Quantitation Report (Not Reviewed)

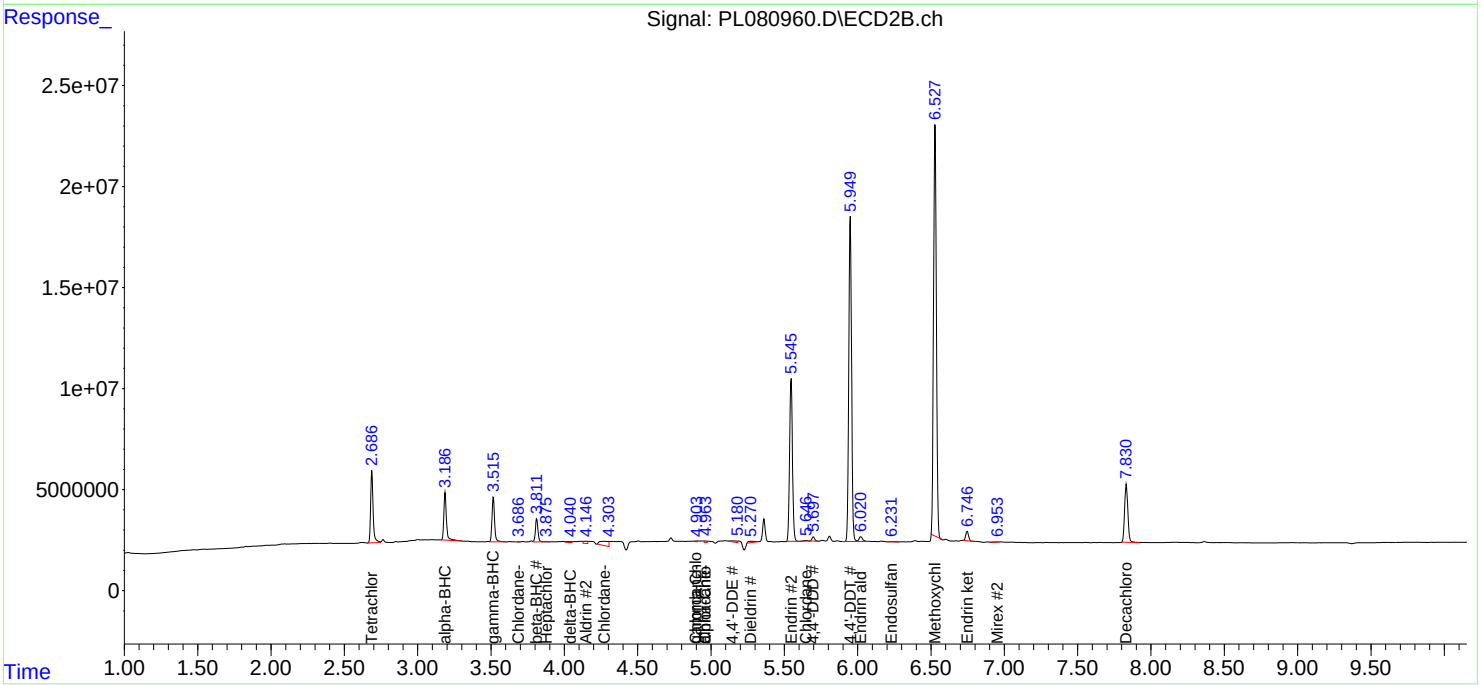
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021523\
Data File : PL080960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2023 19:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

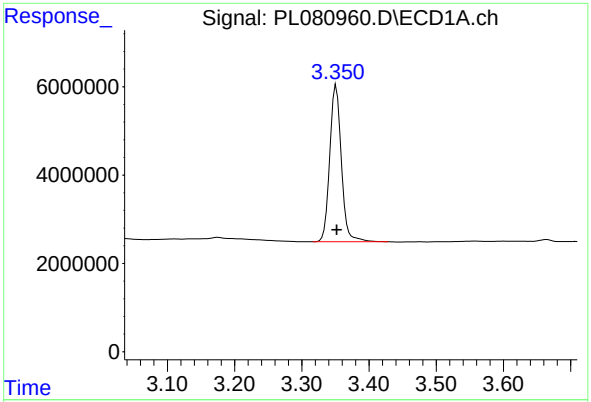
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 15 20:49:28 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



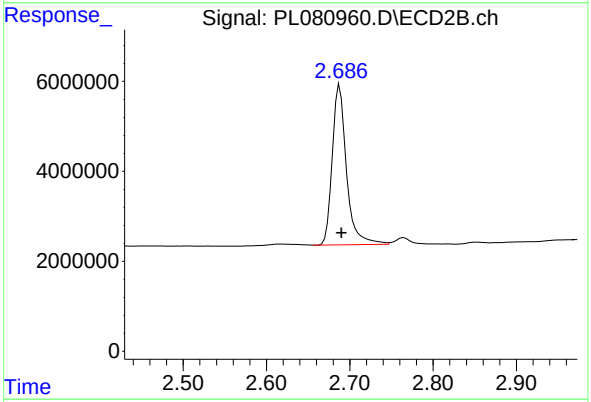




#1 Tetrachloro-m-xylene

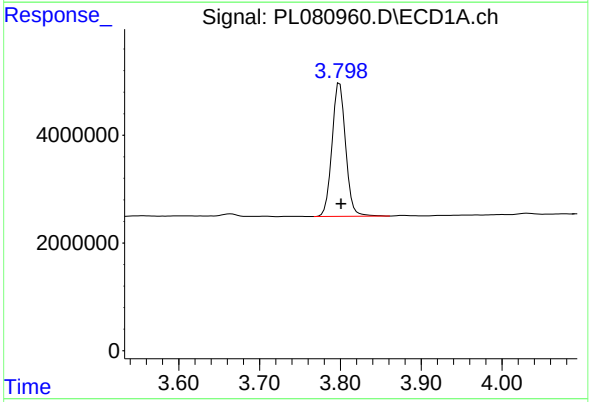
R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 42109421
Conc: 19.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



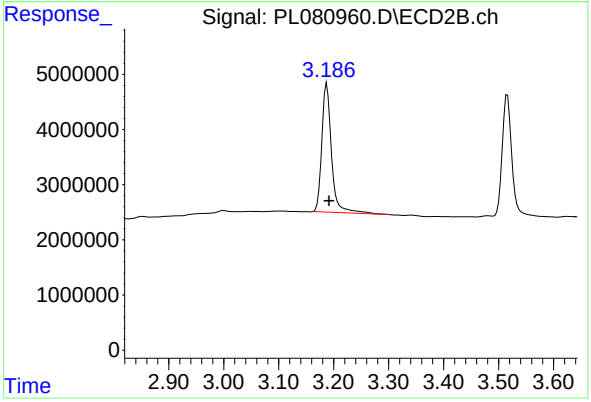
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 42273290
Conc: 19.25 ng/ml



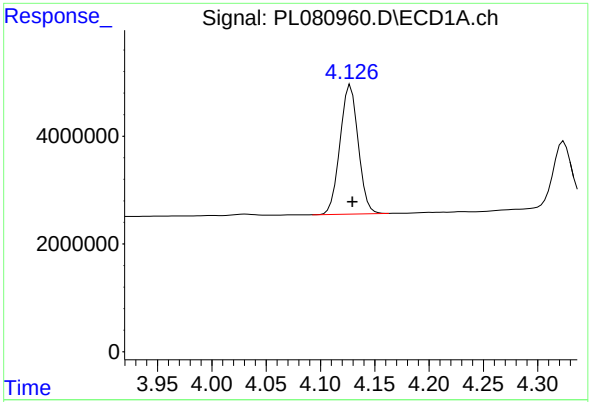
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 29005451
Conc: 9.16 ng/ml



#2 alpha-BHC

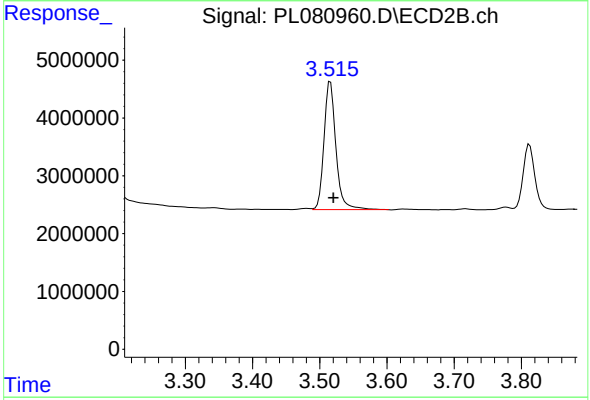
R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 28684174
Conc: 9.02 ng/ml



#3 gamma-BHC (Lindane)

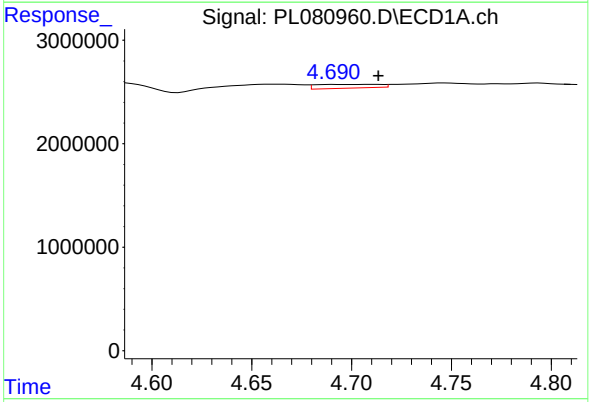
R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 27978252
Conc: 9.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



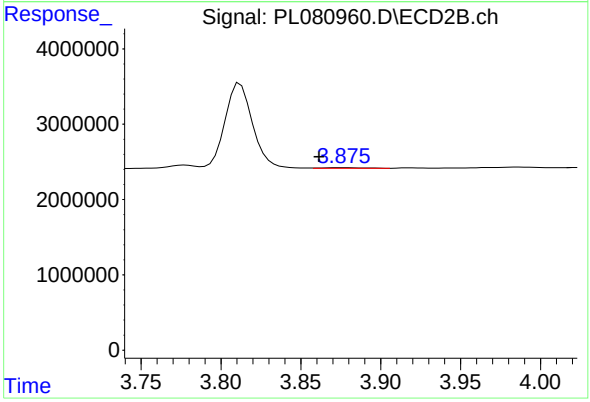
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 27139765
Conc: 9.09 ng/ml



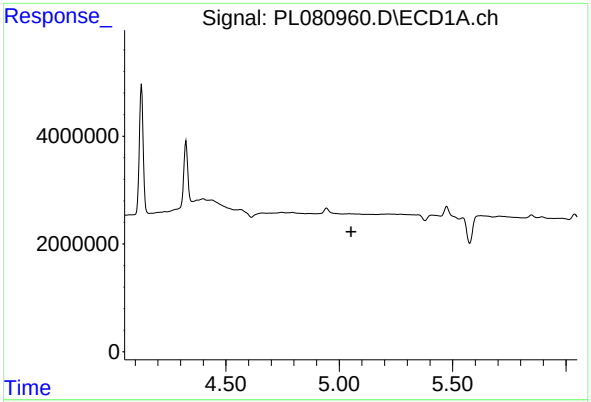
#4 Heptachlor

R.T.: 4.709 min
Delta R.T.: -0.005 min
Response: 802476
Conc: 0.27 ng/ml



#4 Heptachlor

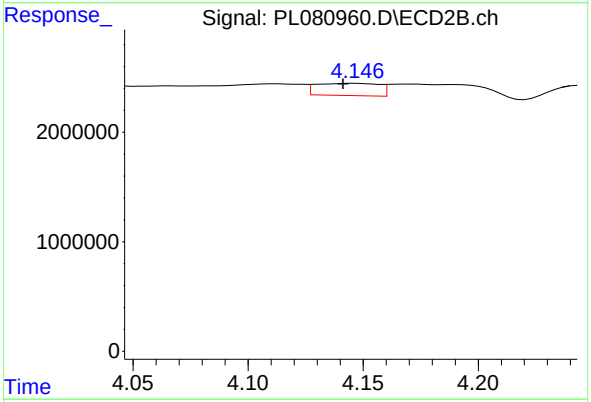
R.T.: 3.876 min
Delta R.T.: 0.015 min
Response: 151796
Conc: 0.05 ng/ml



#5 Aldrin

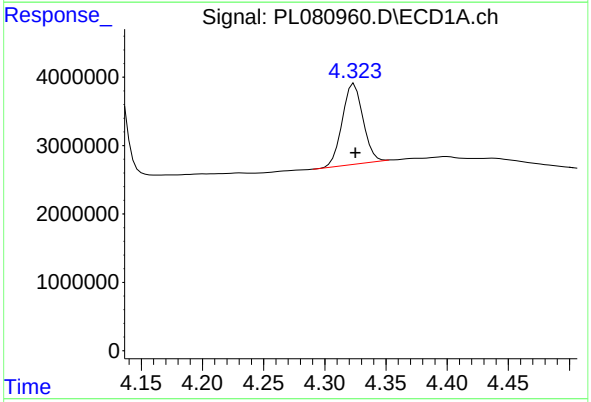
R.T.: 0.000 min
Exp R.T. : 5.052 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



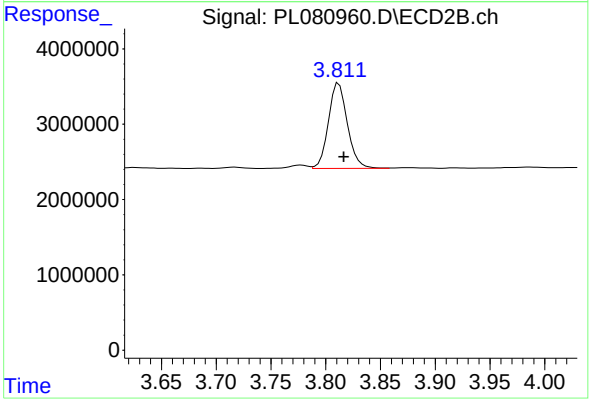
#5 Aldrin

R.T.: 4.146 min
Delta R.T.: 0.005 min
Response: 2116296
Conc: 0.72 ng/ml



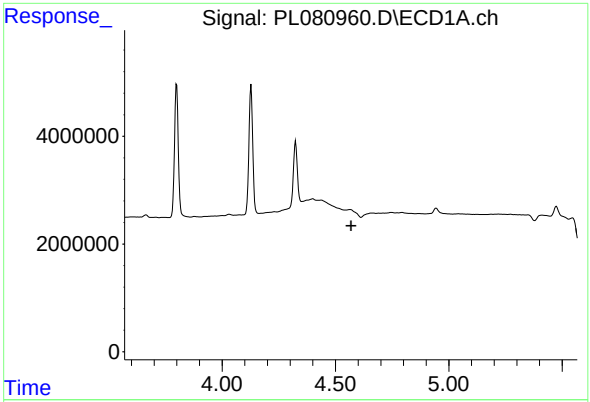
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 13850899
Conc: 10.15 ng/ml



#6 beta-BHC

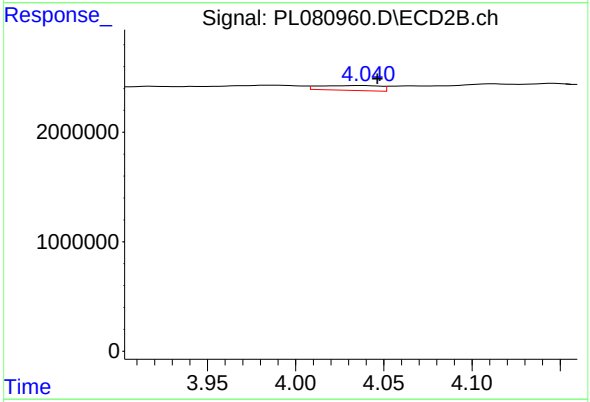
R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 13652767
Conc: 10.23 ng/ml



#7 delta-BHC

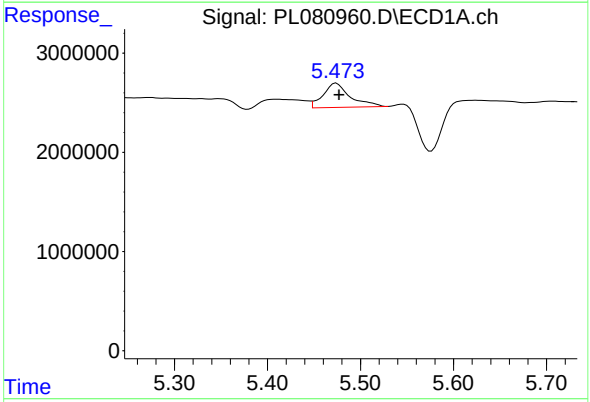
R.T.: 0.000 min
Exp R.T. : 4.568 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



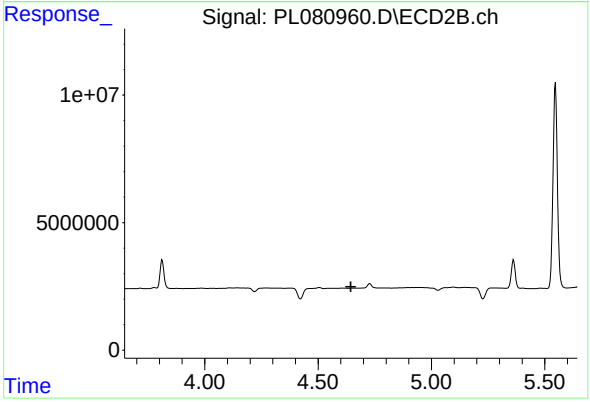
#7 delta-BHC

R.T.: 4.038 min
Delta R.T.: -0.008 min
Response: 1079447
Conc: 0.37 ng/ml



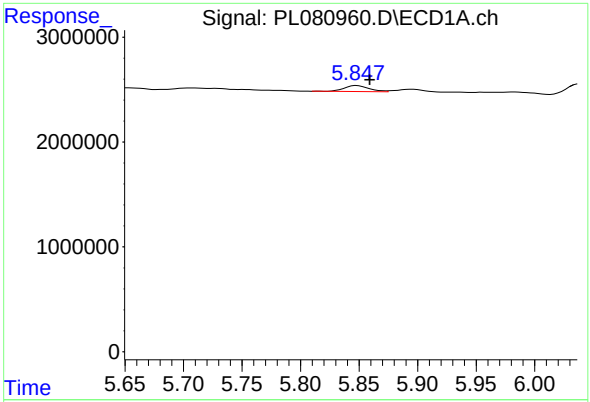
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 4961822
Conc: 1.92 ng/ml



#8 Heptachlor epoxide

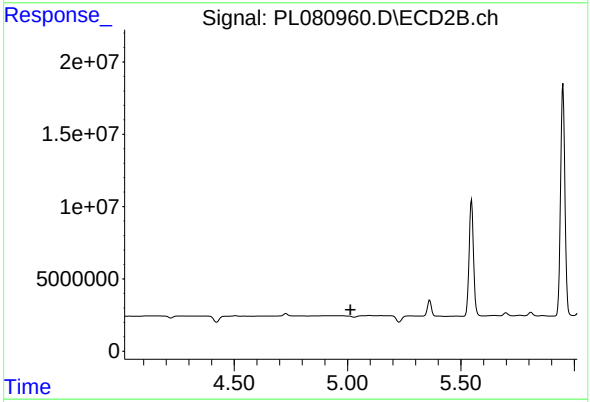
R.T.: 4.648 min
Delta R.T.: 0.004 min
Response: -9001
Conc: N.D.



#9 Endosulfan I

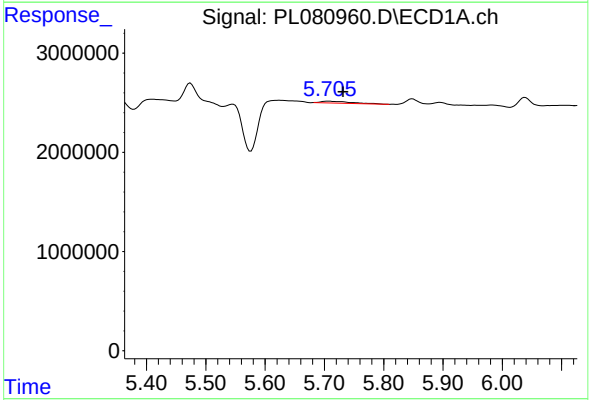
R.T.: 5.848 min
Delta R.T.: -0.011 min
Response: 841137
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



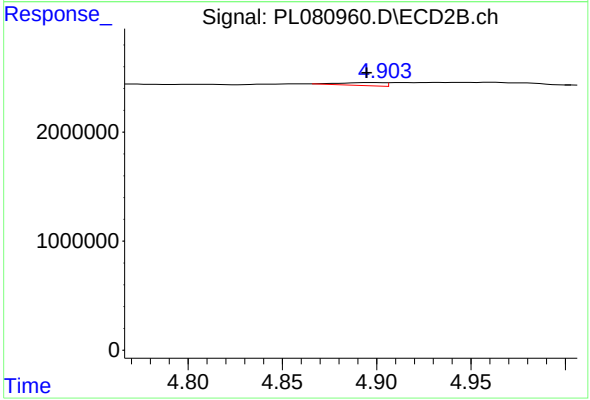
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.013 min
Response: 0
Conc: N.D.



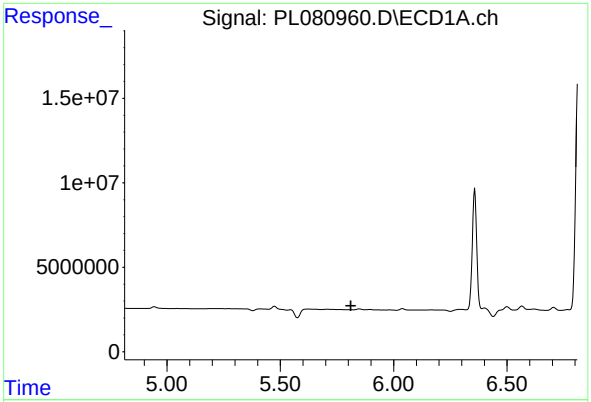
#10 gamma-Chlordane

R.T.: 5.707 min
Delta R.T.: -0.025 min
Response: 624788
Conc: 0.25 ng/ml



#10 gamma-Chlordane

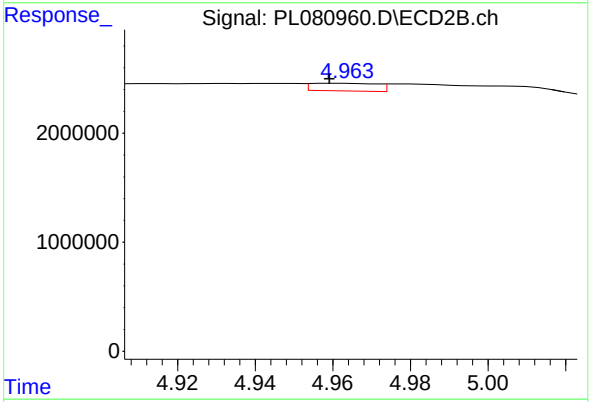
R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 455411
Conc: 0.16 ng/ml



#11 alpha-Chlordane

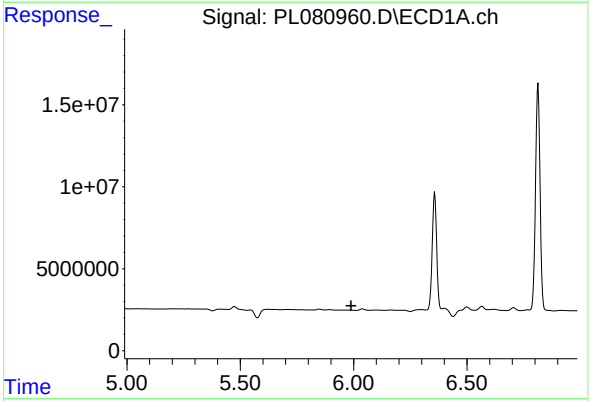
R.T.: 0.000 min
Exp R.T. : 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



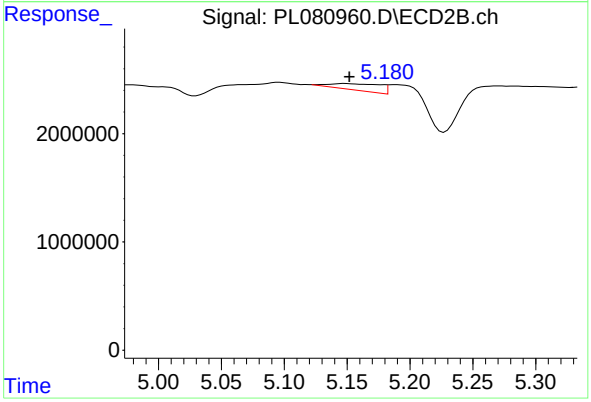
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: 0.003 min
Response: 829410
Conc: 0.29 ng/ml



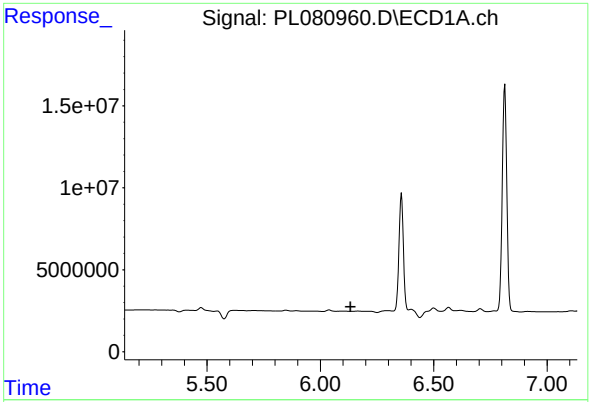
#12 4,4'-DDE

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



#12 4,4'-DDE

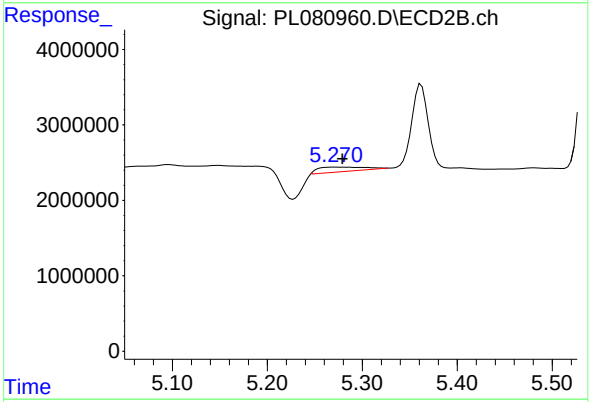
R.T.: 5.148 min
Delta R.T.: -0.003 min
Response: 1698008
Conc: 0.72 ng/ml



#13 Dieldrin

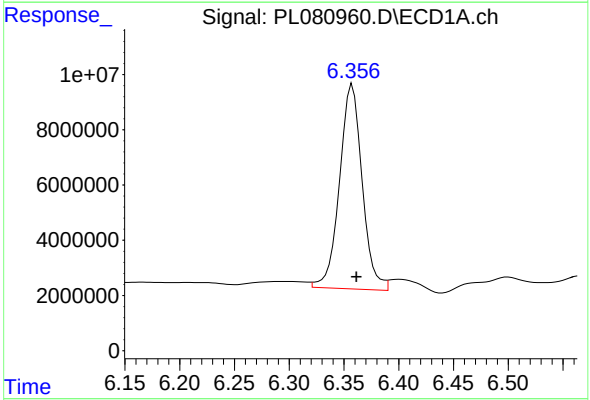
R.T.: 0.000 min
Exp R.T. : 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



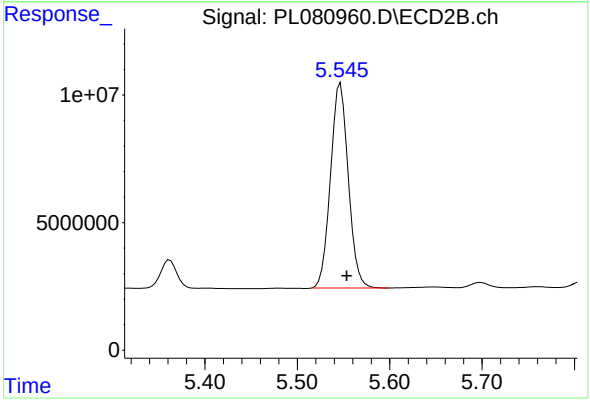
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.008 min
Response: 2059414
Conc: 0.76 ng/ml



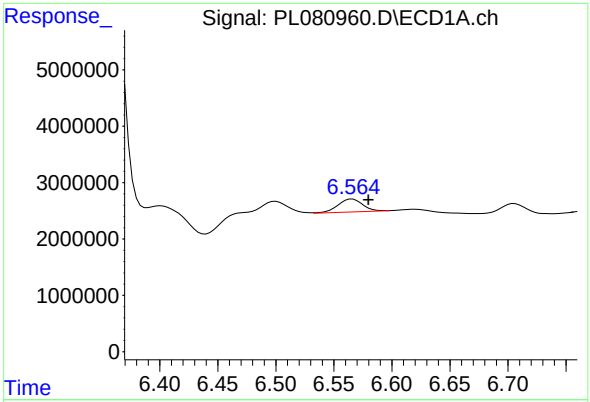
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 106708946
Conc: 49.34 ng/ml



#14 Endrin

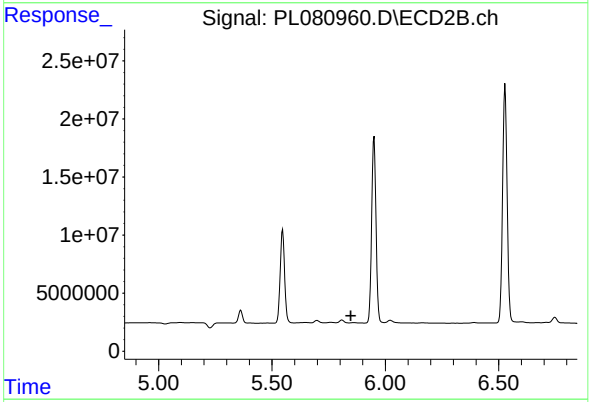
R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 107204259
Conc: 46.19 ng/ml



#15 Endosulfan II

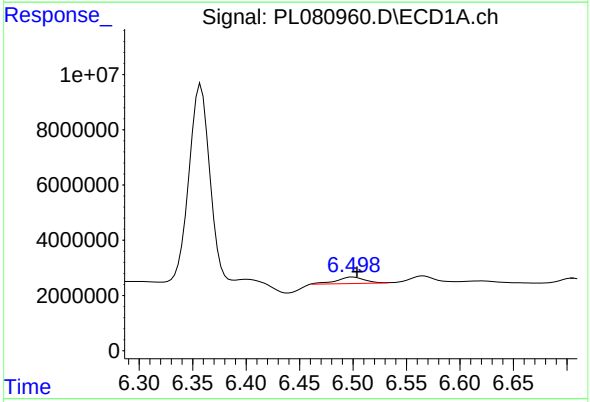
R.T.: 6.566 min
Delta R.T.: -0.014 min
Response: 3375875
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



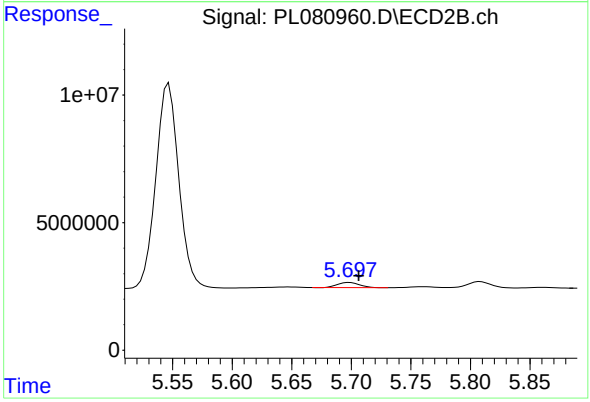
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: 0.013 min
Response: -2413554
Conc: N.D.



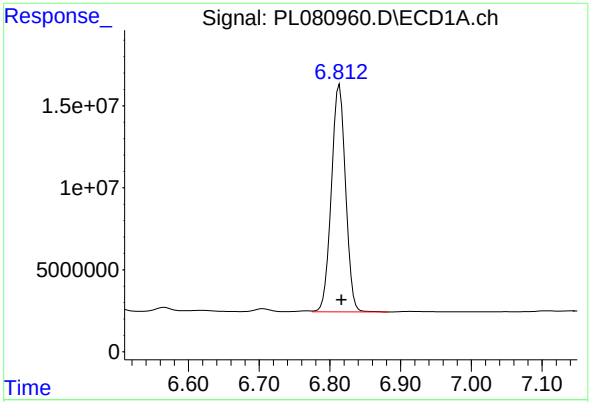
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 4289304
Conc: 2.34 ng/ml



#16 4,4'-DDD

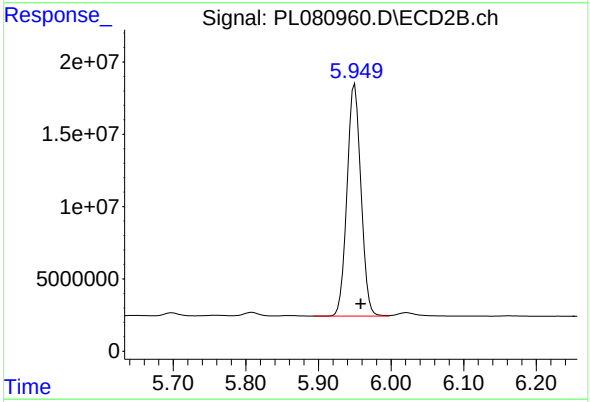
R.T.: 5.698 min
Delta R.T.: -0.008 min
Response: 2630897
Conc: 1.40 ng/ml



#17 4,4'-DDT

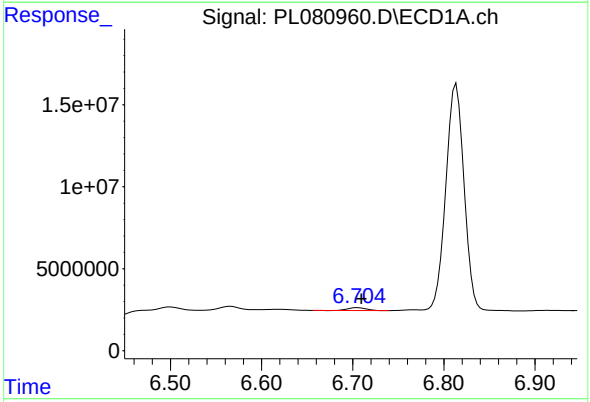
R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 193171263
Conc: 92.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



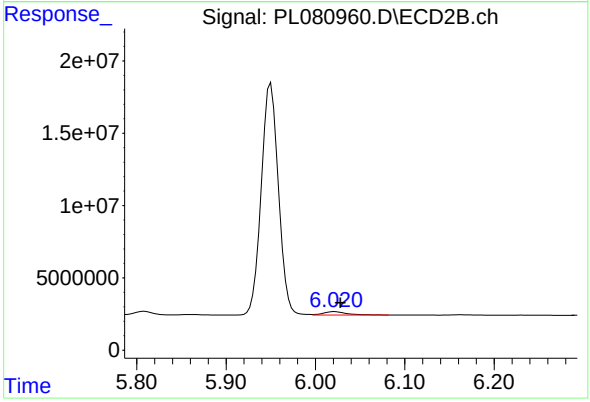
#17 4,4'-DDT

R.T.: 5.950 min
Delta R.T.: -0.008 min
Response: 214097294
Conc: 101.88 ng/ml



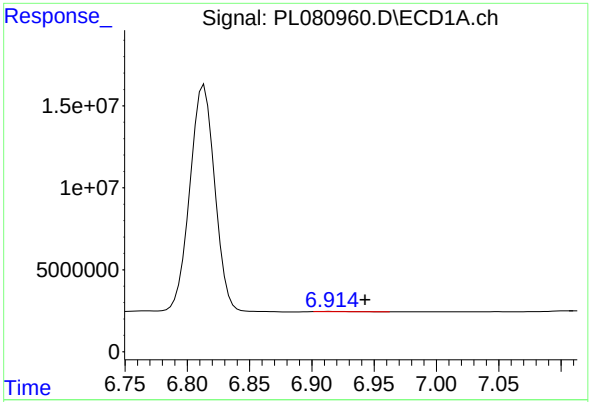
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 2481386
Conc: 1.49 ng/ml



#18 Endrin aldehyde

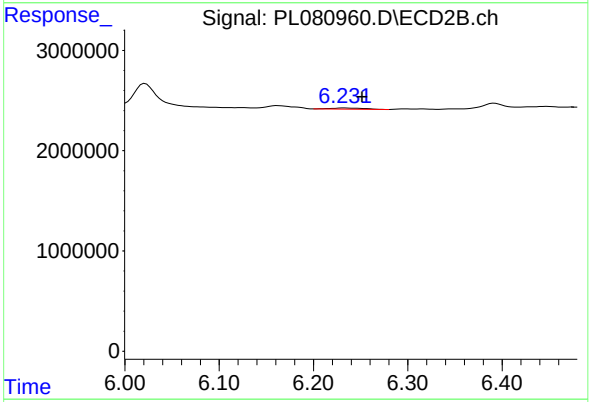
R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 4105756
Conc: 2.25 ng/ml



#19 Endosulfan Sulfate

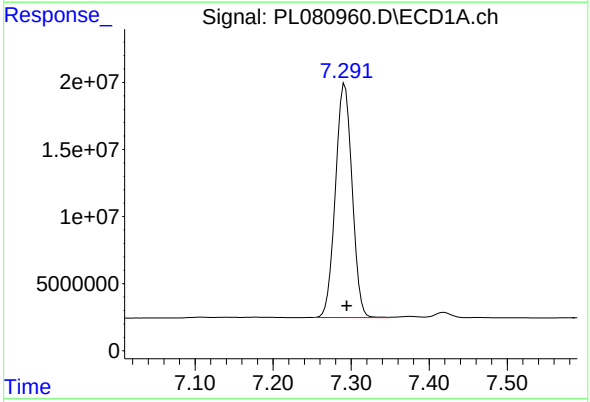
R.T.: 6.916 min
Delta R.T.: -0.027 min
Response: 326460
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



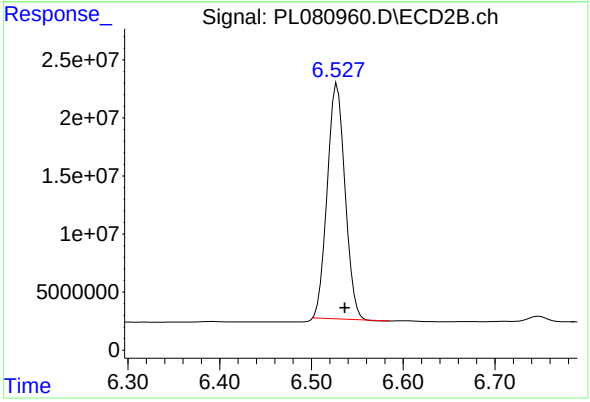
#19 Endosulfan Sulfate

R.T.: 6.233 min
Delta R.T.: -0.019 min
Response: 268257
Conc: 0.12 ng/ml



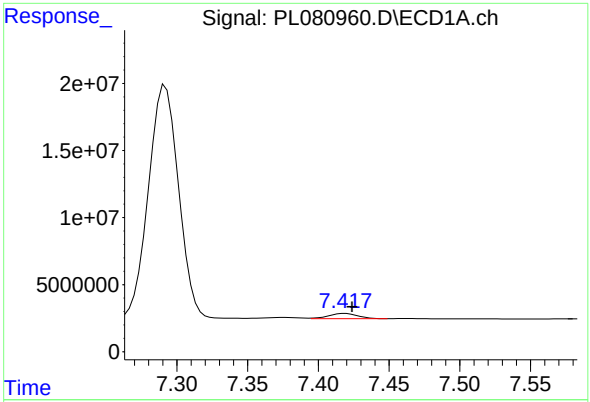
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 258269638
Conc: 234.09 ng/ml



#20 Methoxychlor

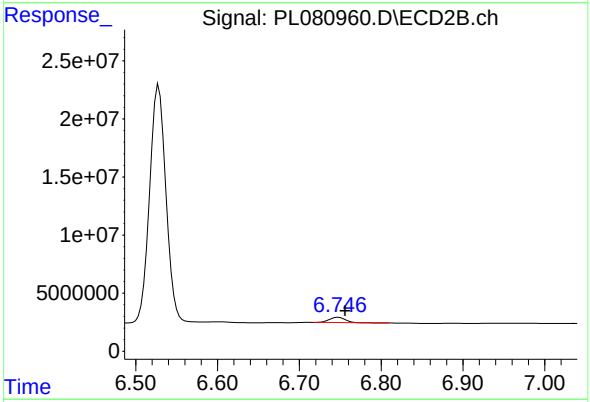
R.T.: 6.528 min
Delta R.T.: -0.008 min
Response: 273158419
Conc: 225.11 ng/ml



#21 Endrin ketone

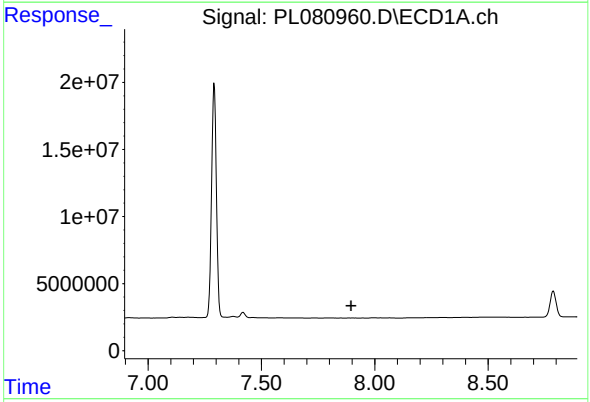
R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 5572600
Conc: 2.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



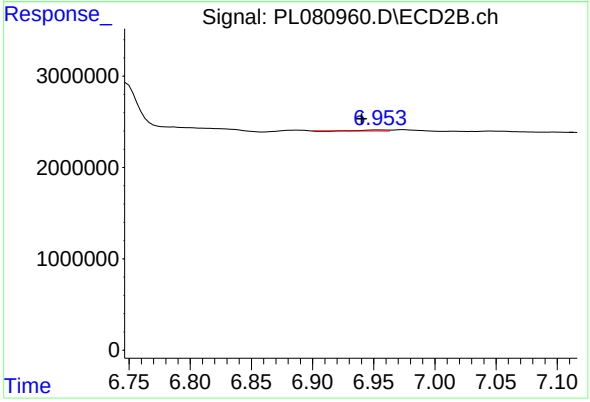
#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 6090927
Conc: 2.39 ng/ml



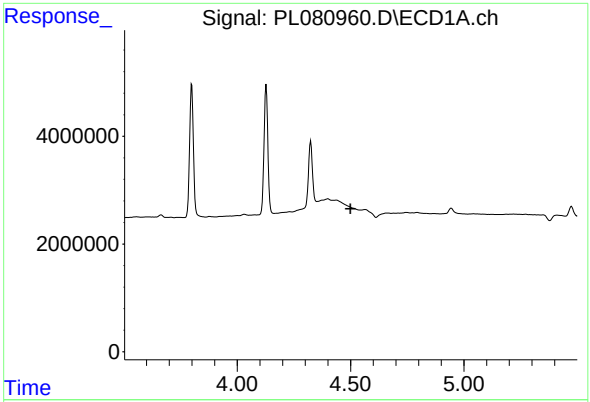
#22 Mirex

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



#22 Mirex

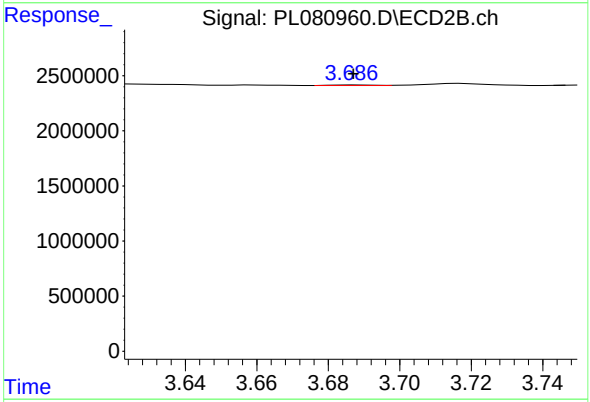
R.T.: 6.954 min
Delta R.T.: 0.014 min
Response: 120041
Conc: 0.05 ng/ml



#23 Chlordane-1

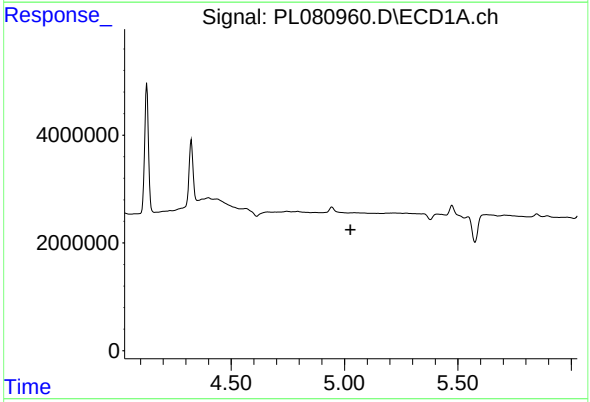
R.T.: 0.000 min
Exp R.T. : 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



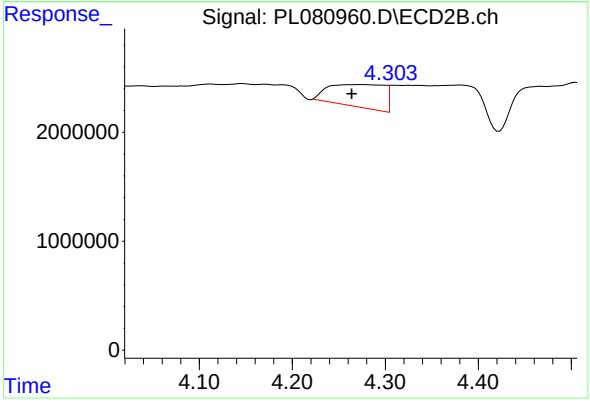
#23 Chlordane-1

R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 39510
Conc: 0.49 ng/ml



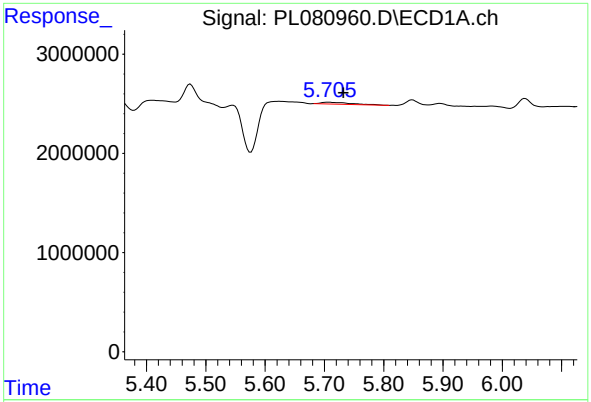
#24 Chlordane-2

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



#24 Chlordane-2

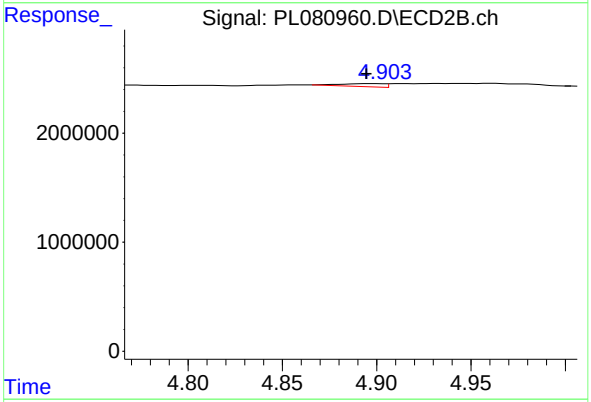
R.T.: 4.274 min
Delta R.T.: 0.010 min
Response: 8596891
Conc: 95.35 ng/ml



#25 Chlordane-3

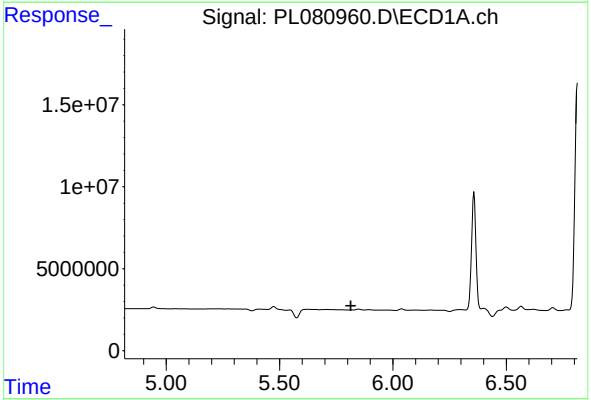
R.T.: 5.707 min
Delta R.T.: -0.026 min
Response: 624788
Conc: 1.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



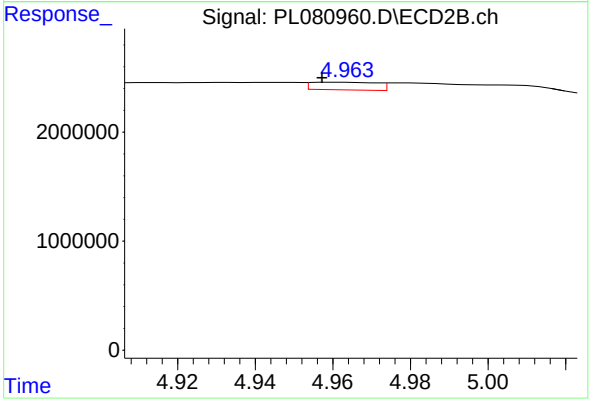
#25 Chlordane-3

R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 455411
Conc: 1.73 ng/ml



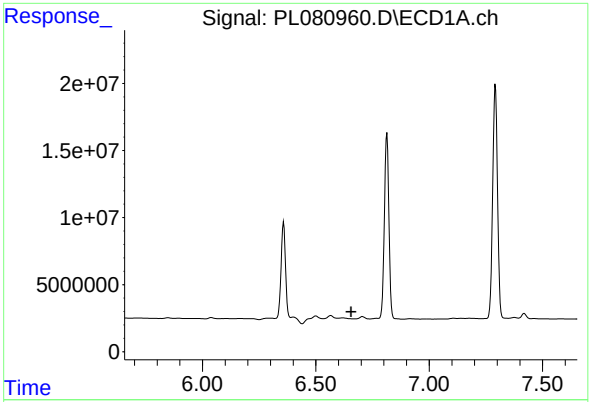
#26 Chlordane-4

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



#26 Chlordane-4

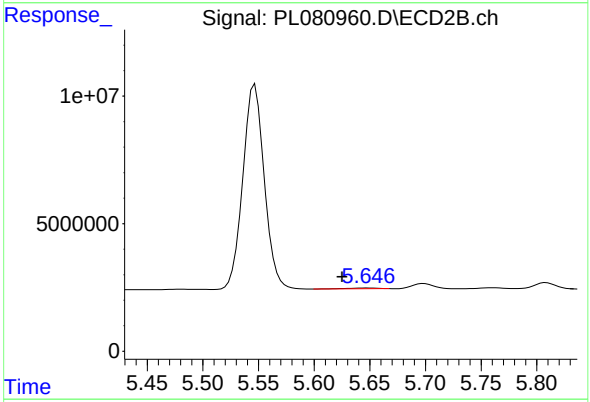
R.T.: 4.962 min
Delta R.T.: 0.005 min
Response: 829410
Conc: 3.08 ng/ml



#27 Chlordane-5

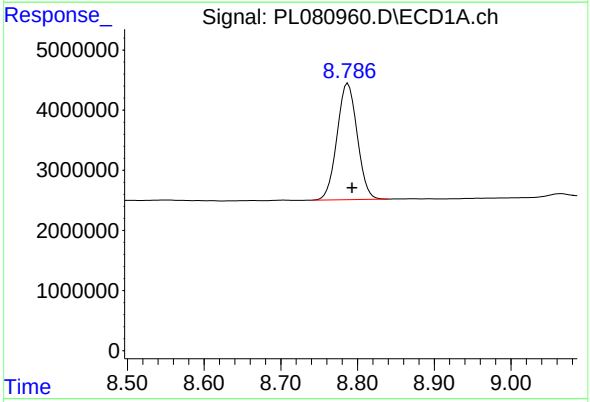
R.T.: 0.000 min
Exp R.T. : 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



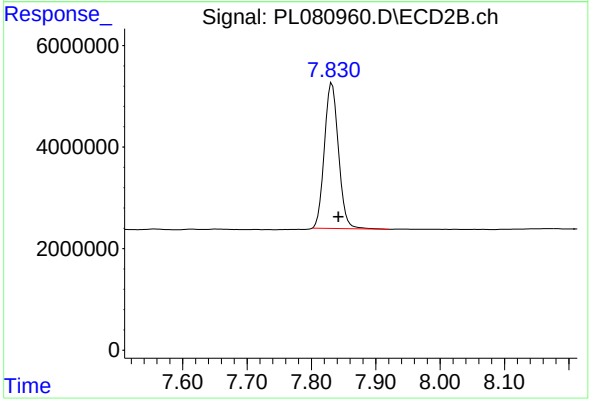
#27 Chlordane-5

R.T.: 5.648 min
Delta R.T.: 0.023 min
Response: 545140
Conc: 7.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 35452735
Conc: 20.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 43689253
Conc: 18.34 ng/ml