Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
Data File : PL080608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2023 09:13
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: Jan 31 14:29:55 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	2.689	42522446	41968612	19.826	19.107	
28)	SA Decachlor...	8.791	7.836	32719385	34585888	18.689	14.516	
	Target Compounds							
2)	A alpha-BHC	3.801	3.190	28585013	26446301	9.023	8.315	
3)	MA gamma-BHC...	4.129	3.518	27725040	23663835	9.431	7.921	
4)	MA Heptachlor	4.713	3.870	84485	67527	0.029	0.021	#
5)	MB Aldrin	0.000	4.148	0	180365	N.D.	0.061	#
6)	B beta-BHC	4.326	3.815	13693694	12406137	10.032	9.296	
7)	B delta-BHC	4.570	4.044	937046	101550	0.324	0.035	#
8)	B Heptachlo...	0.000	4.652	0	23177	N.D.	0.008	#
9)	A Endosulfan I	0.000	5.009	0	84502	N.D.	0.032	#
10)	B gamma-Chl...	0.000	4.902	0	232190	N.D.	0.082	#
11)	B alpha-Chl...	0.000	4.943f	0	188211	N.D.	0.066	#
12)	B 4,4'-DDE	0.000	5.150	0	207454	N.D.	0.088	#
13)	MA Dieldrin	0.000	5.273	0	79158	N.D.	0.029	#
14)	MA Endrin	6.360	5.550	90142115	83270115	41.680	35.874	
15)	B Endosulfa...	6.568	5.867f	3245131	-1190398	1.416	N.D.	#
16)	A 4,4'-DDD	6.502	5.703	2728513	2088108	1.489	1.111	#
17)	MA 4,4'-DDT	6.816	5.954	176.8E6	161.9E6	85.119	77.054	
18)	B Endrin al...	6.708	6.026	2311118	3594895	1.389	1.969	#
19)	B Endosulfa...	0.000	6.242	0	273689	N.D.	0.118	#
20)	A Methoxychlor	7.293	6.533	232.4E6	211.2E6	210.663	174.015	
21)	B Endrin ke...	7.421	6.752	5606784	5947533	2.541	2.329	
22)	Mirex	0.000	6.925f	0	26437	N.D.	0.012	#
23)	Chlordane-1	0.000	3.692	0	19366	N.D.	0.238	#
24)	Chlordane-2	0.000	4.265	0	30564	N.D.	0.339	#
25)	Chlordane-3	0.000	4.902	0	232190	N.D.	0.880	#
26)	Chlordane-4	0.000	4.943	0	188211	N.D.	0.699	#
27)	Chlordane-5	0.000	5.654f	0	373002	N.D.	5.242	#

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

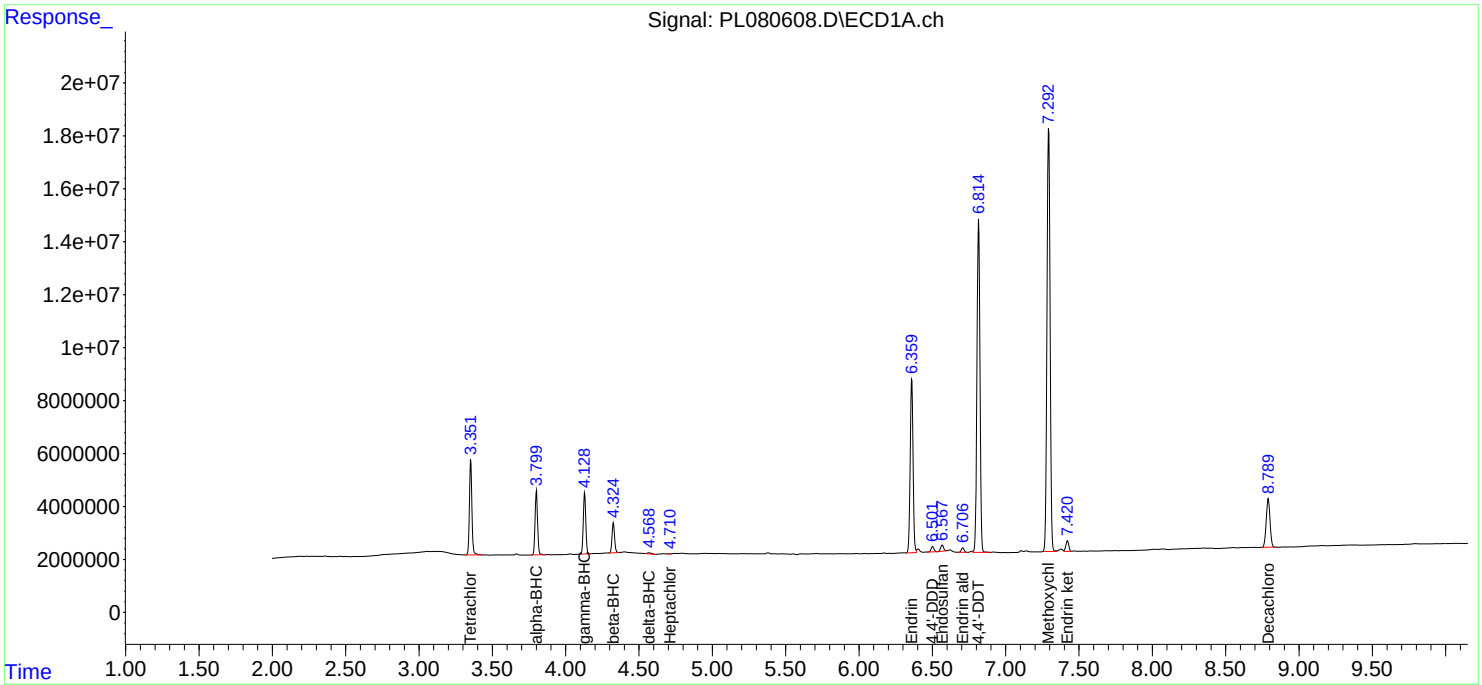
Quantitation Report (Not Reviewed)

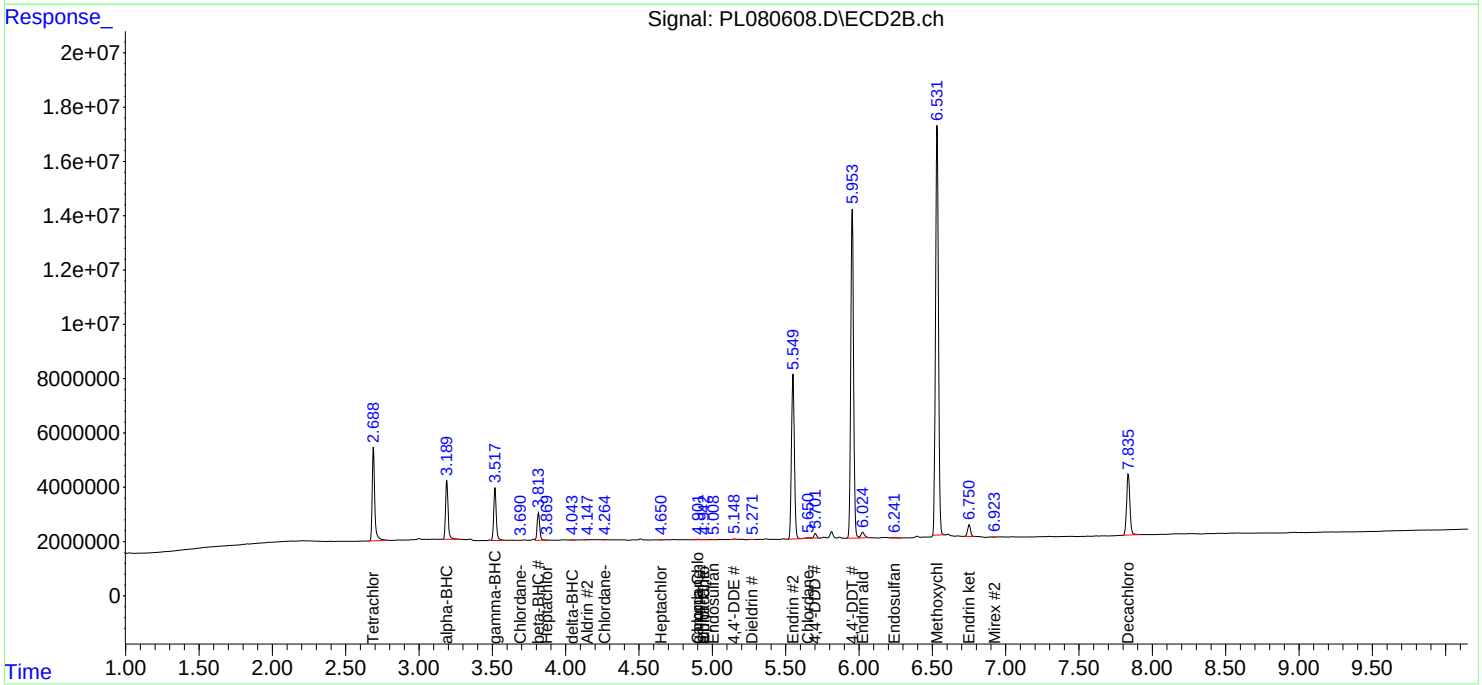
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
Data File : PL080608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2023 09:13
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

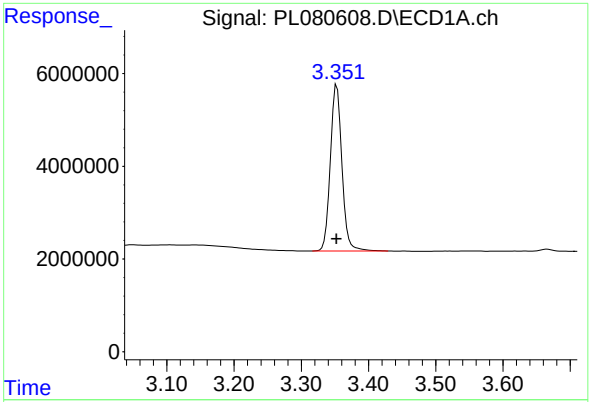
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 14:29:55 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



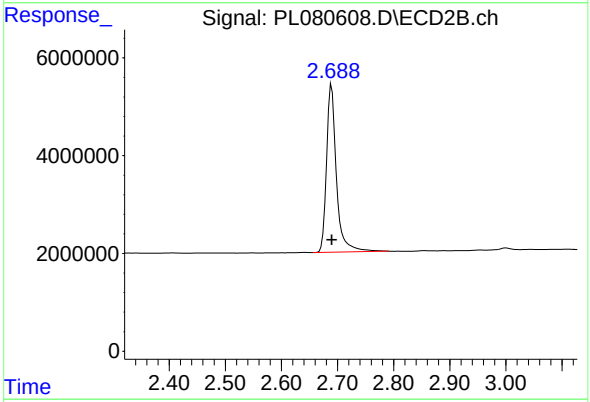




#1 Tetrachloro-m-xylene

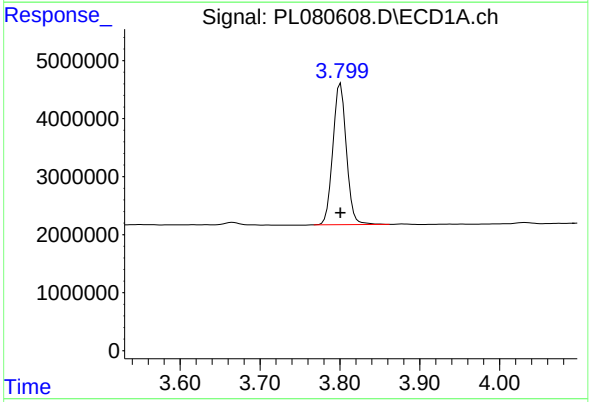
R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 42522446
Conc: 19.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



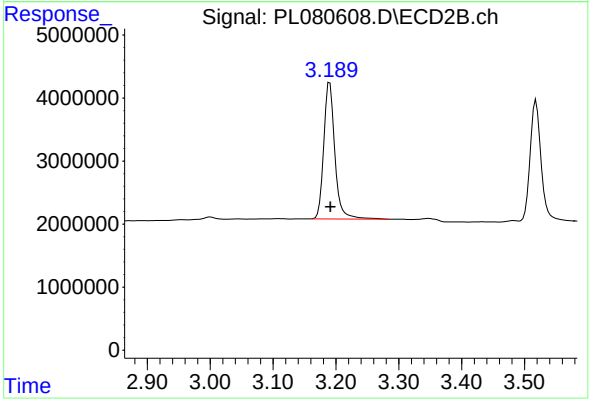
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 41968612
Conc: 19.11 ng/ml



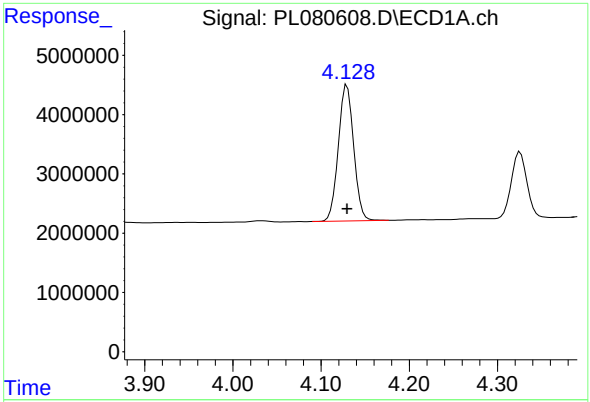
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 28585013
Conc: 9.02 ng/ml



#2 alpha-BHC

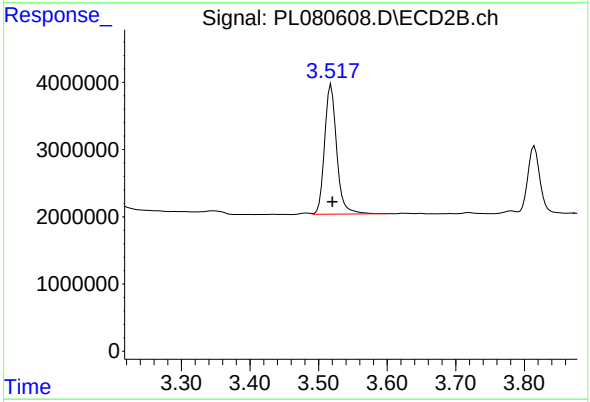
R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 26446301
Conc: 8.32 ng/ml



#3 gamma-BHC (Lindane)

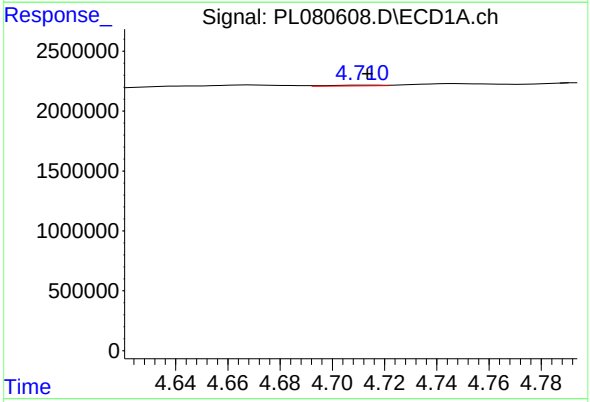
R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 27725040
Conc: 9.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



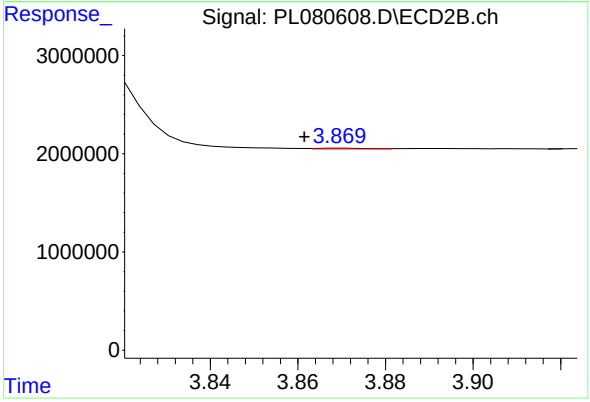
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 23663835
Conc: 7.92 ng/ml



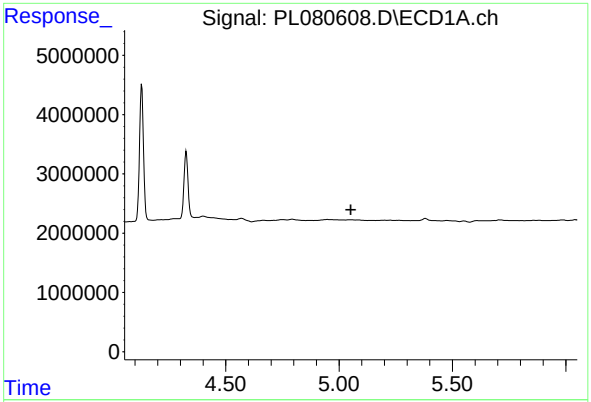
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 84485
Conc: 0.03 ng/ml



#4 Heptachlor

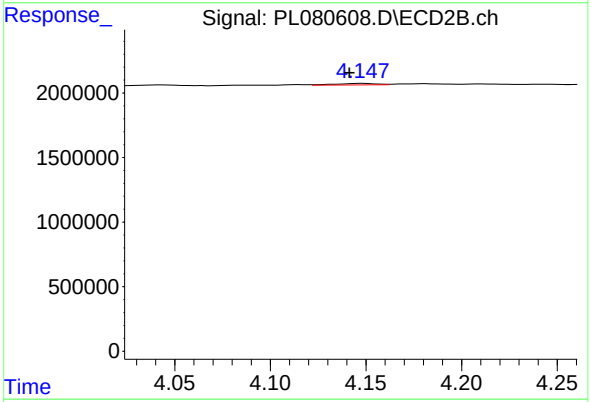
R.T.: 3.870 min
Delta R.T.: 0.009 min
Response: 67527
Conc: 0.02 ng/ml



#5 Aldrin

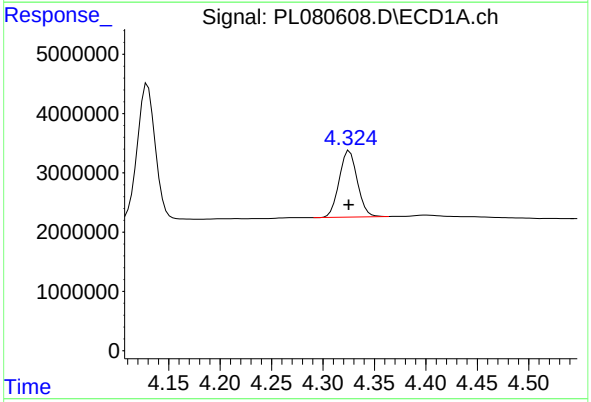
R.T.: 0.000 min
Exp R.T. : 5.052 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



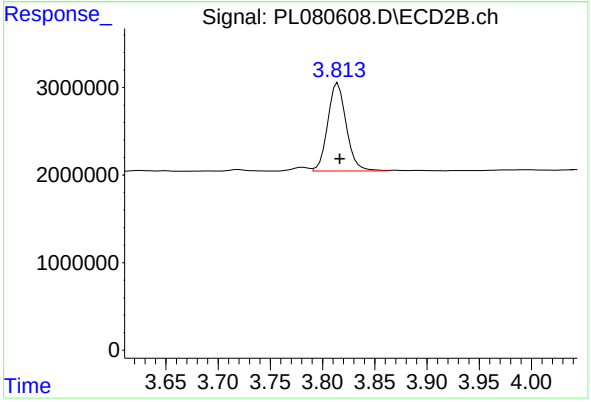
#5 Aldrin

R.T.: 4.148 min
Delta R.T.: 0.007 min
Response: 180365
Conc: 0.06 ng/ml



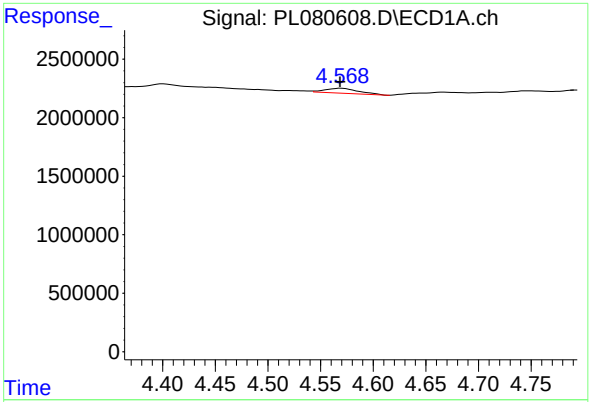
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 13693694
Conc: 10.03 ng/ml



#6 beta-BHC

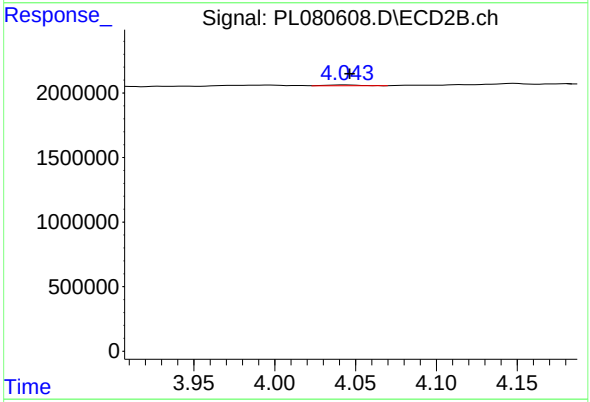
R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 12406137
Conc: 9.30 ng/ml



#7 delta-BHC

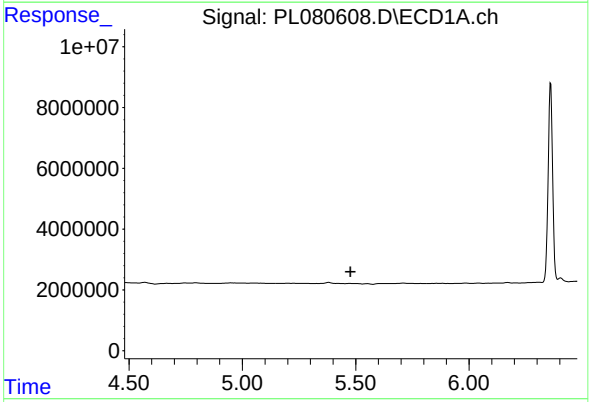
R.T.: 4.570 min
Delta R.T.: 0.001 min
Response: 937046
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



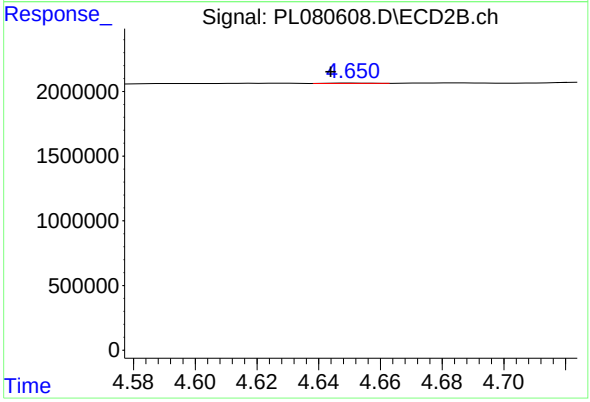
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 101550
Conc: 0.04 ng/ml



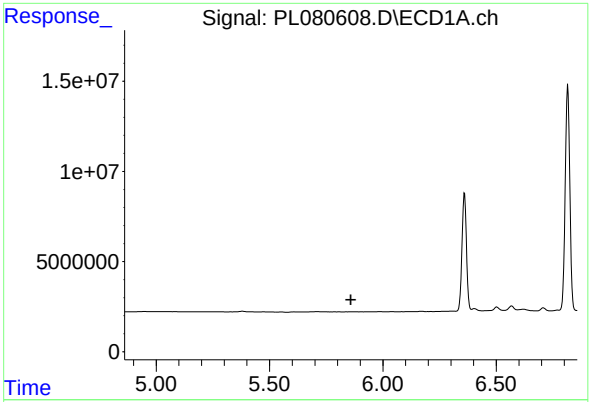
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

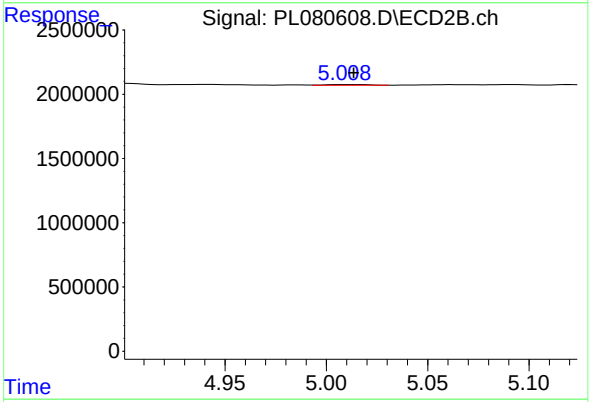
R.T.: 4.652 min
Delta R.T.: 0.008 min
Response: 23177
Conc: 0.01 ng/ml



#9 Endosulfan I

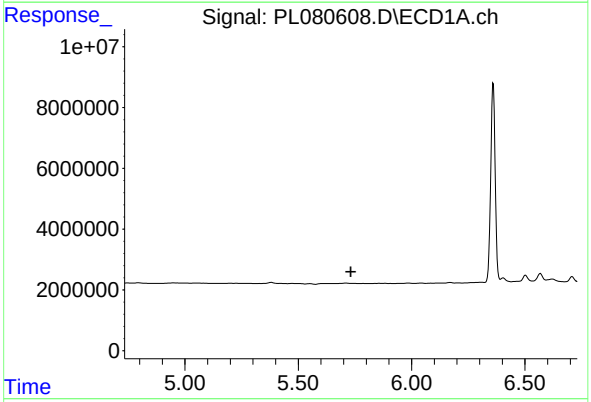
R.T.: 0.000 min
Exp R.T. : 5.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



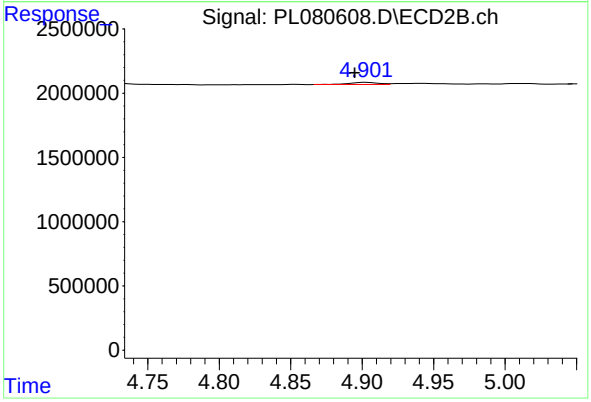
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 84502
Conc: 0.03 ng/ml



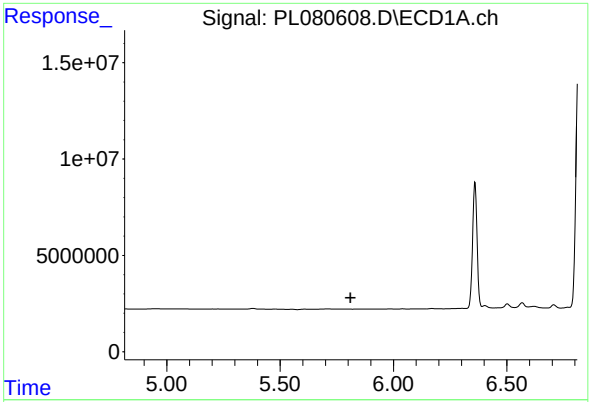
#10 gamma-Chlordane

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



#10 gamma-Chlordane

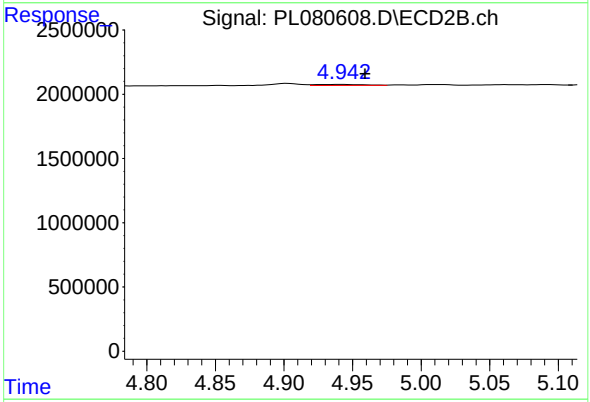
R.T.: 4.902 min
Delta R.T.: 0.008 min
Response: 232190
Conc: 0.08 ng/ml



#11 alpha-Chlordane

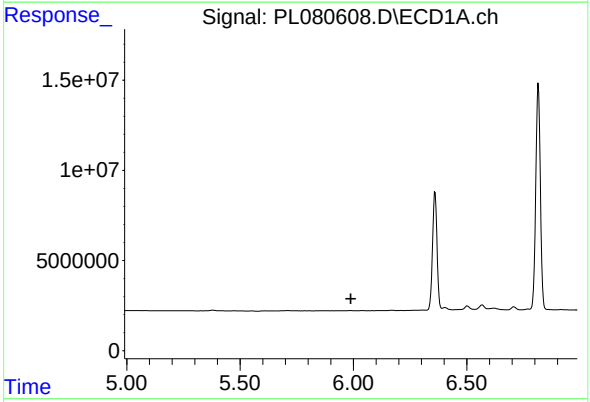
R.T.: 0.000 min
Exp R.T. : 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



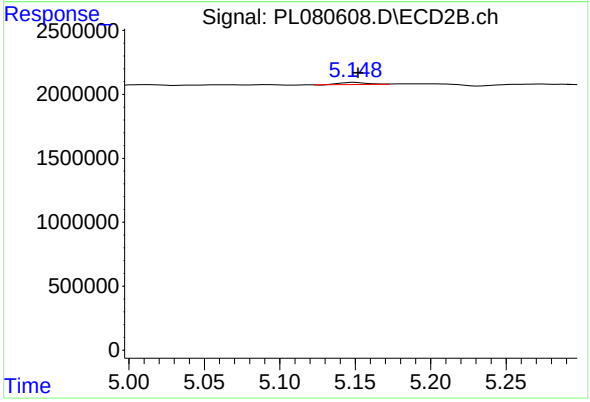
#11 alpha-Chlordane

R.T.: 4.943 min
Delta R.T.: -0.016 min
Response: 188211
Conc: 0.07 ng/ml



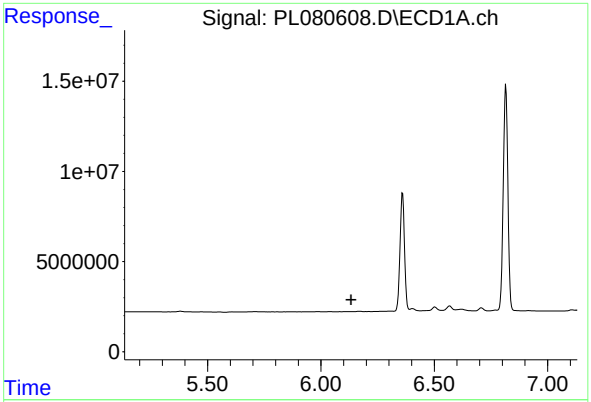
#12 4,4'-DDE

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



#12 4,4'-DDE

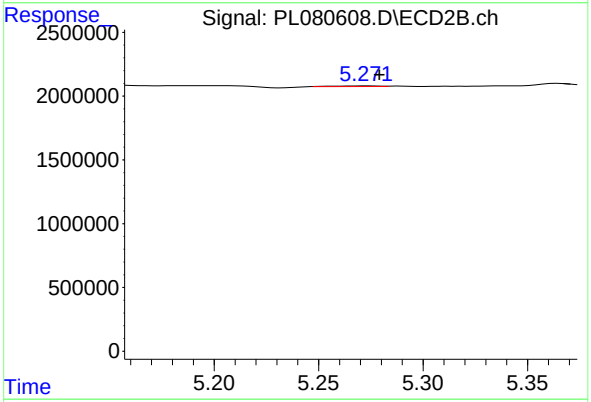
R.T.: 5.150 min
Delta R.T.: -0.002 min
Response: 207454
Conc: 0.09 ng/ml



#13 Dieldrin

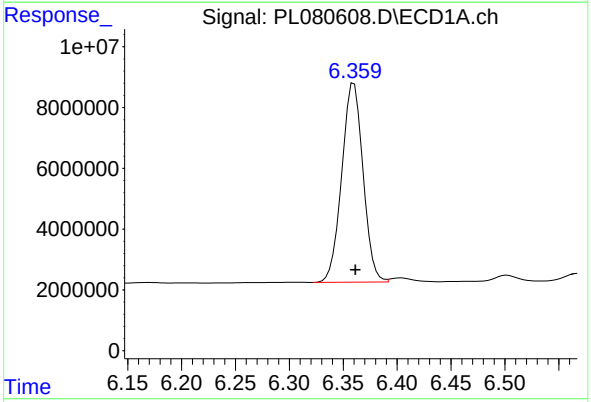
R.T.: 0.000 min
Exp R.T. : 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



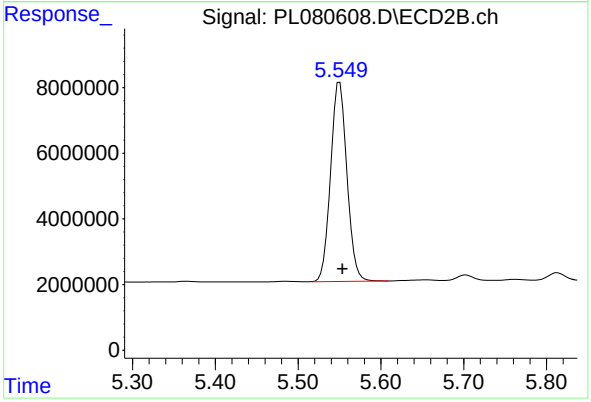
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 79158
Conc: 0.03 ng/ml



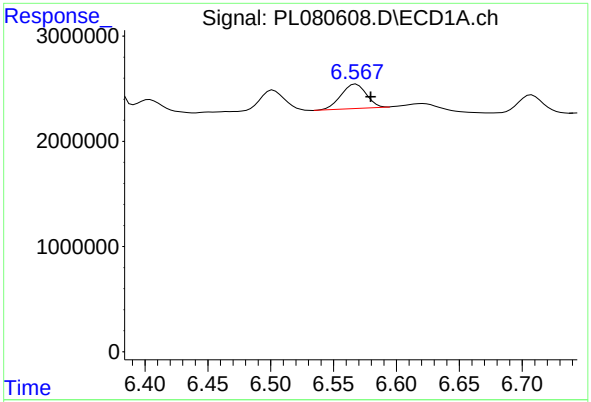
#14 Endrin

R.T.: 6.360 min
Delta R.T.: -0.001 min
Response: 90142115
Conc: 41.68 ng/ml



#14 Endrin

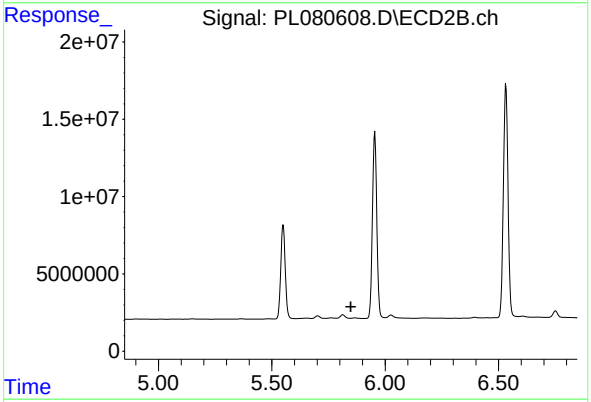
R.T.: 5.550 min
Delta R.T.: -0.003 min
Response: 83270115
Conc: 35.87 ng/ml



#15 Endosulfan II

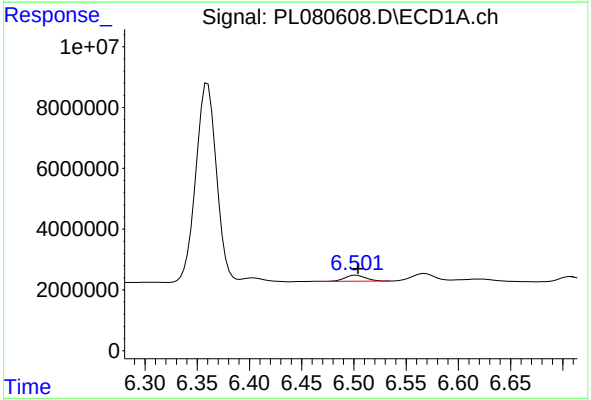
R.T.: 6.568 min
Delta R.T.: -0.012 min
Response: 3245131
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :



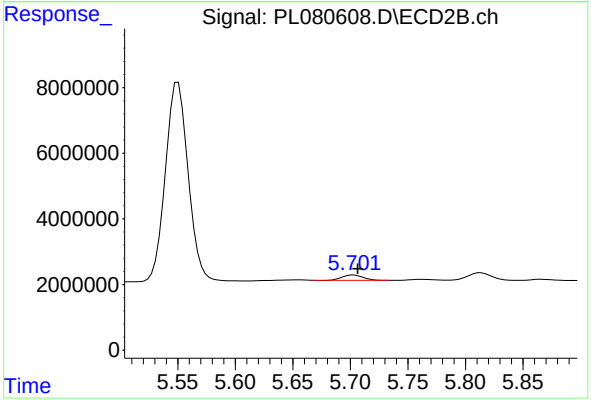
#15 Endosulfan II

R.T.: 5.867 min
Delta R.T.: 0.019 min
Response: -1190398
Conc: N.D.



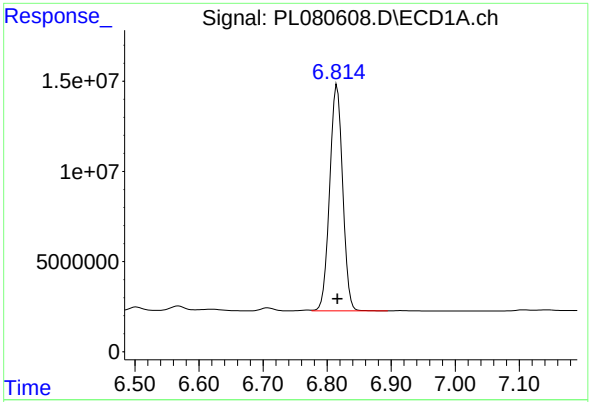
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 2728513
Conc: 1.49 ng/ml



#16 4,4'-DDD

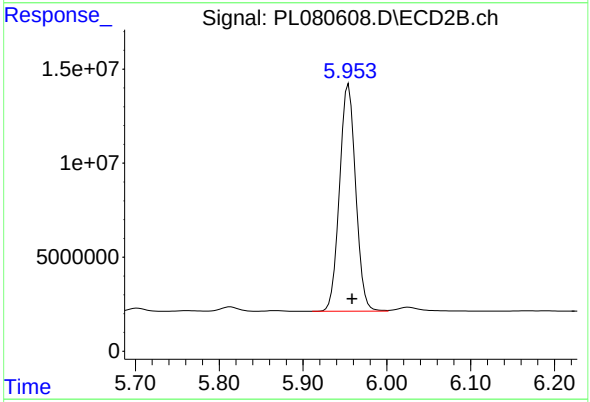
R.T.: 5.703 min
Delta R.T.: -0.004 min
Response: 2088108
Conc: 1.11 ng/ml



#17 4,4'-DDT

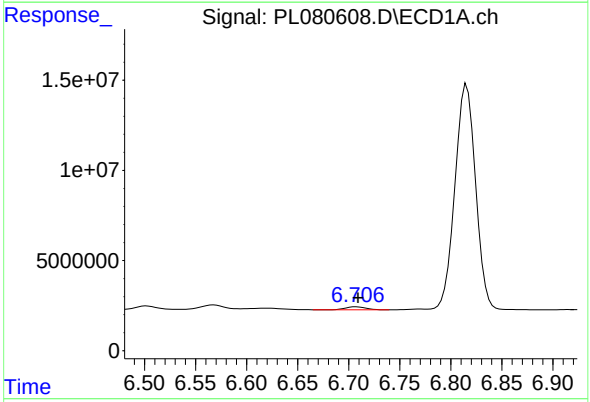
R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 176848846
Conc: 85.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



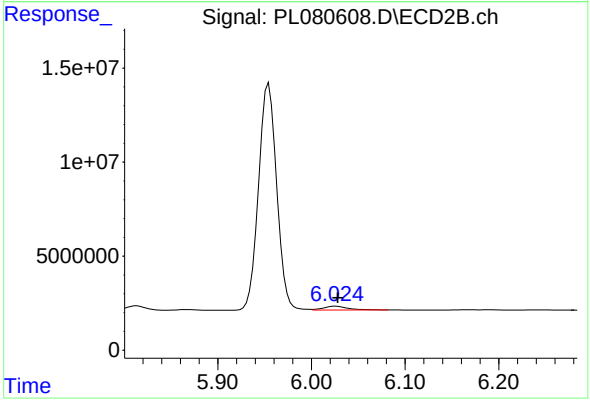
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.004 min
Response: 161927431
Conc: 77.05 ng/ml



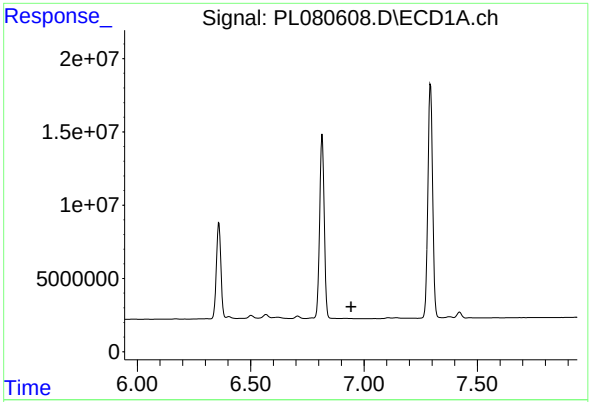
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 2311118
Conc: 1.39 ng/ml



#18 Endrin aldehyde

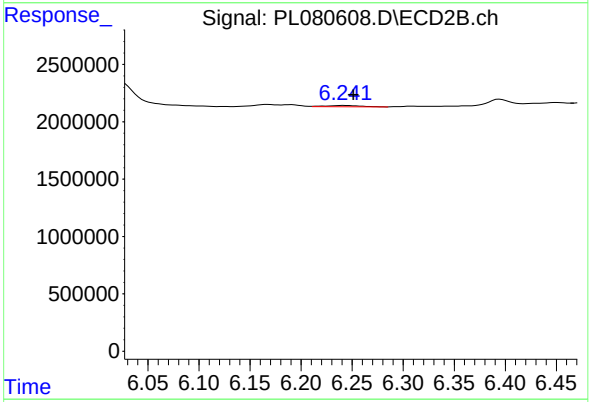
R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 3594895
Conc: 1.97 ng/ml



#19 Endosulfan Sulfate

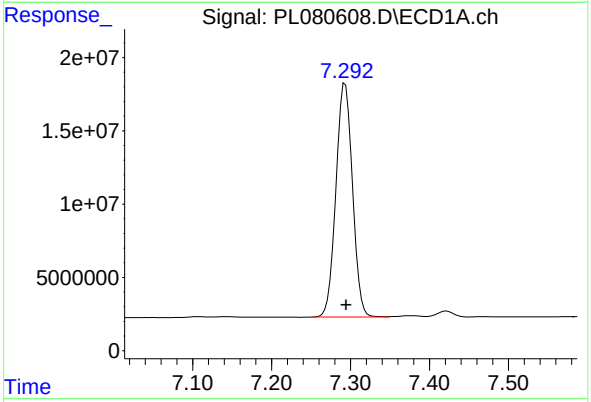
R.T.: 0.000 min
Exp R.T. : 6.943 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



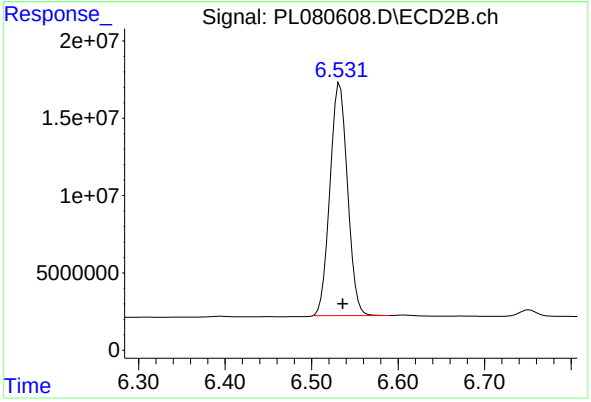
#19 Endosulfan Sulfate

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 273689
Conc: 0.12 ng/ml



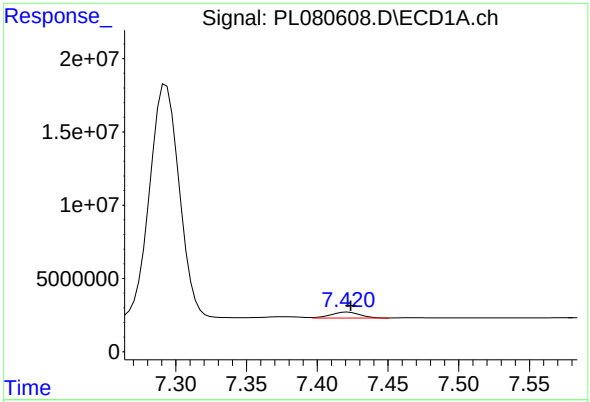
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 232421734
Conc: 210.66 ng/ml



#20 Methoxychlor

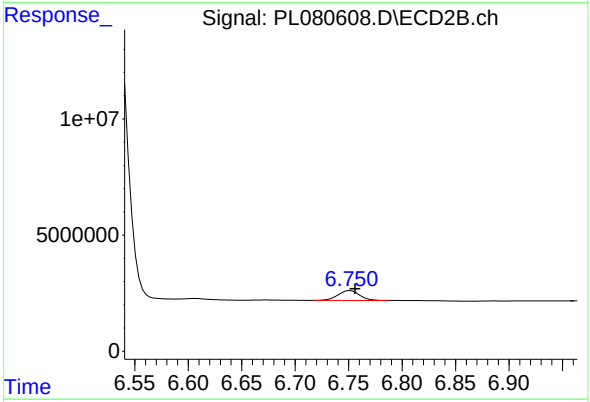
R.T.: 6.533 min
Delta R.T.: -0.004 min
Response: 211161196
Conc: 174.02 ng/ml



#21 Endrin ketone

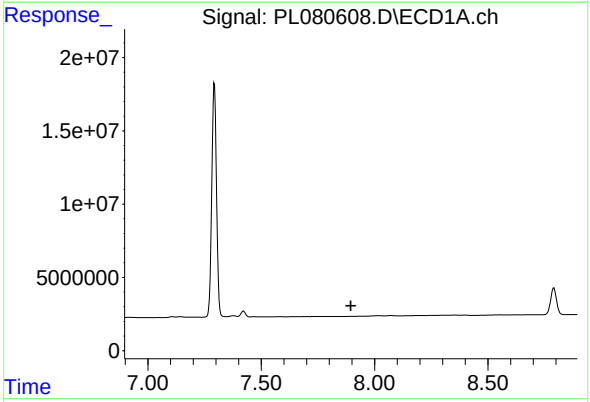
R.T.: 7.421 min
Delta R.T.: -0.002 min
Response: 5606784
Conc: 2.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



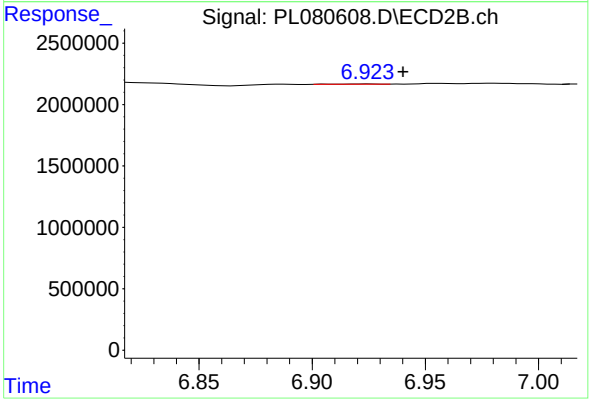
#21 Endrin ketone

R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 5947533
Conc: 2.33 ng/ml



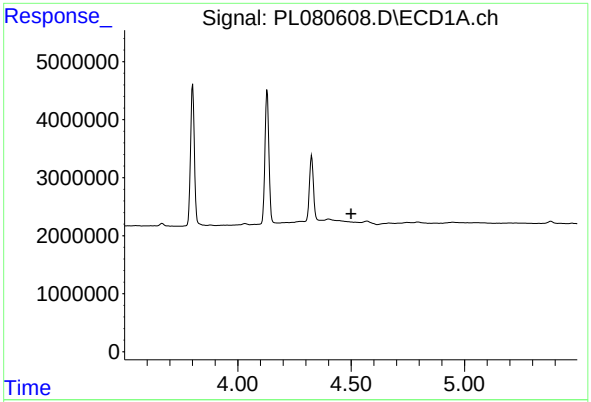
#22 Mirex

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



#22 Mirex

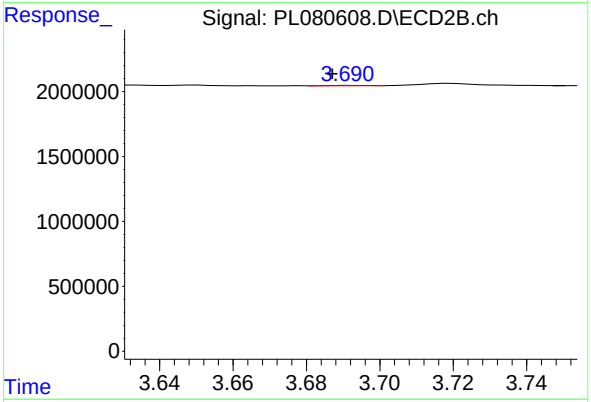
R.T.: 6.925 min
Delta R.T.: -0.015 min
Response: 26437
Conc: 0.01 ng/ml



#23 Chlordane-1

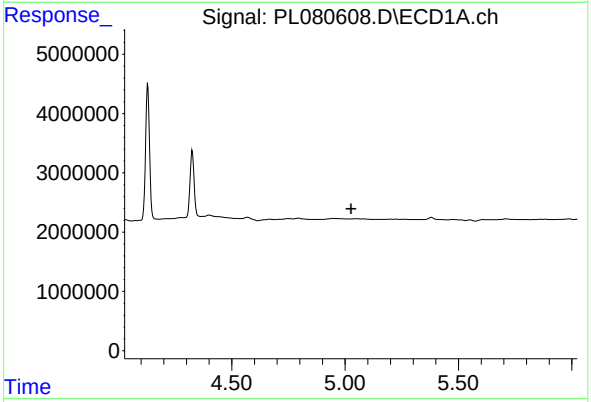
R.T.: 0.000 min
Exp R.T. : 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



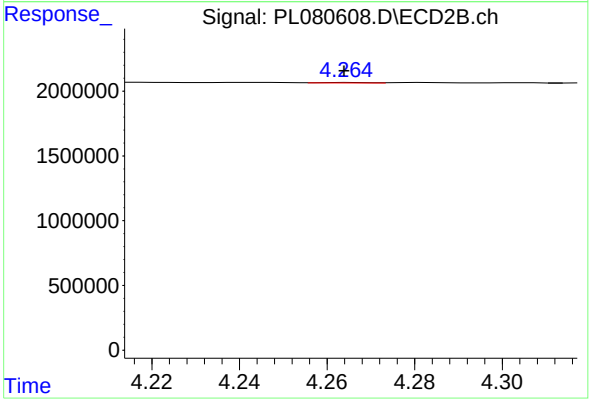
#23 Chlordane-1

R.T.: 3.692 min
Delta R.T.: 0.005 min
Response: 19366
Conc: 0.24 ng/ml



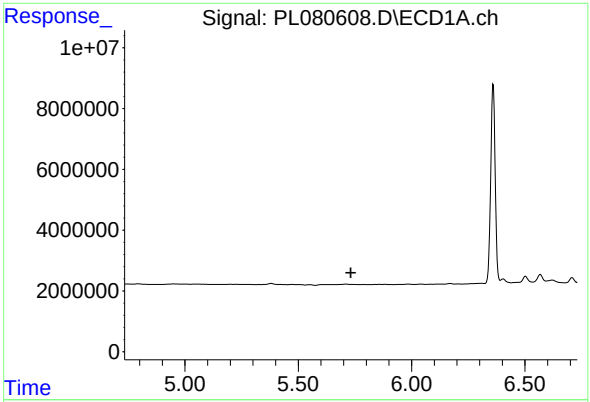
#24 Chlordane-2

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



#24 Chlordane-2

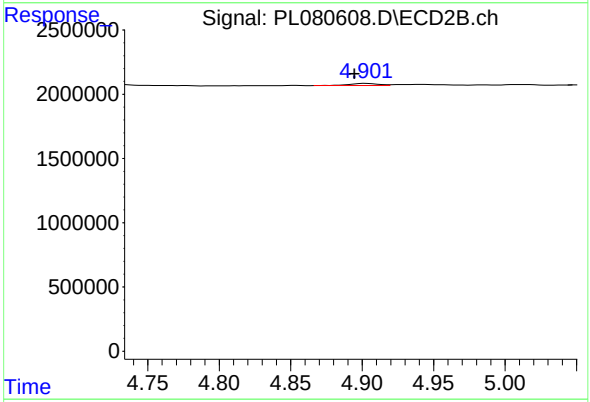
R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 30564
Conc: 0.34 ng/ml



#25 Chlordane-3

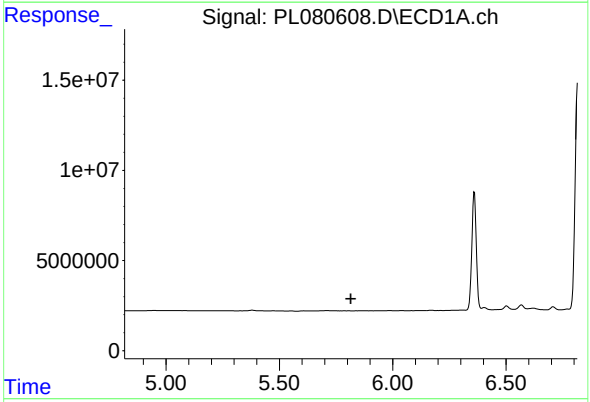
R.T.: 0.000 min
Exp R.T. : 5.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



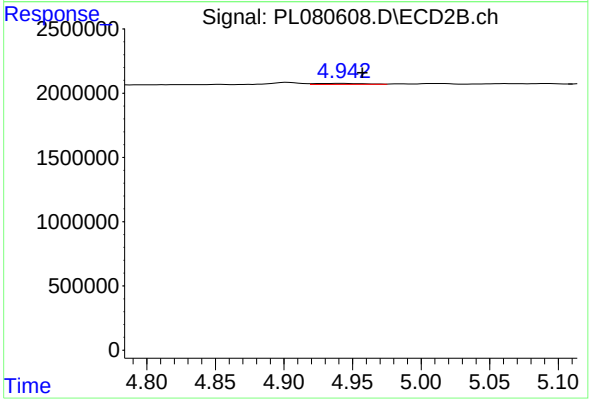
#25 Chlordane-3

R.T.: 4.902 min
Delta R.T.: 0.008 min
Response: 232190
Conc: 0.88 ng/ml



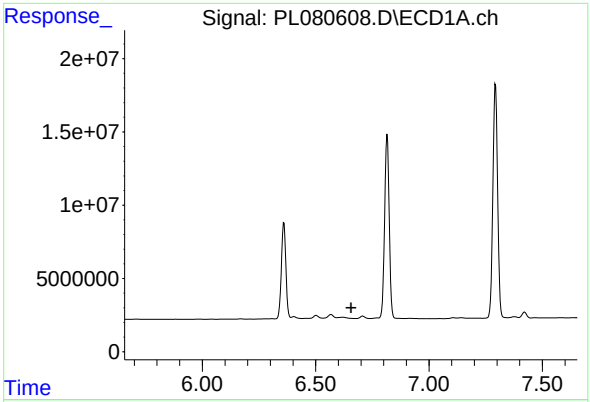
#26 Chlordane-4

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



#26 Chlordane-4

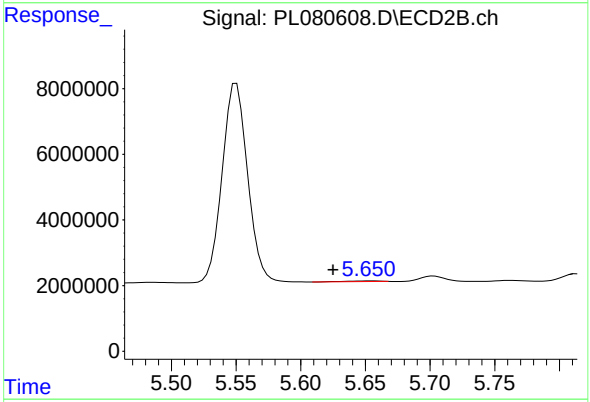
R.T.: 4.943 min
Delta R.T.: -0.014 min
Response: 188211
Conc: 0.70 ng/ml



#27 Chlordane-5

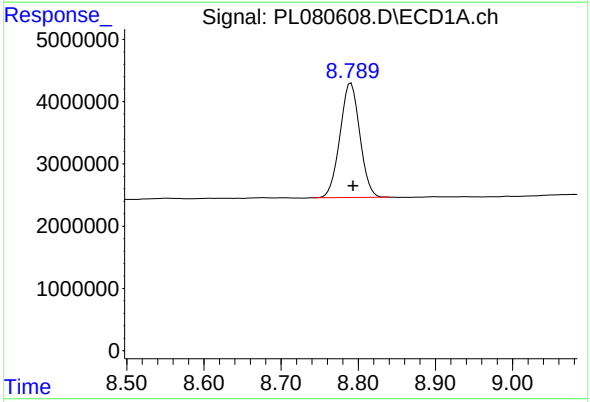
R.T.: 0.000 min
Exp R.T. : 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



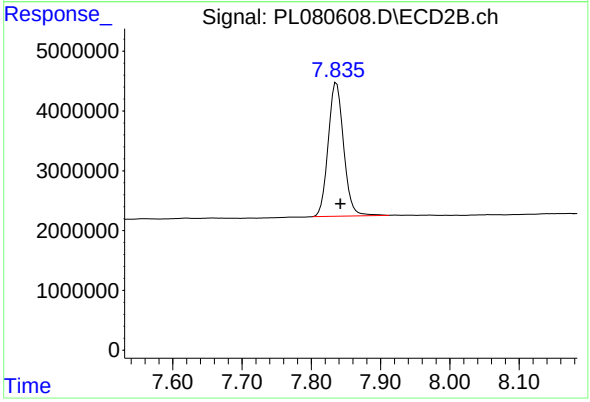
#27 Chlordane-5

R.T.: 5.654 min
Delta R.T.: 0.029 min
Response: 373002
Conc: 5.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.003 min
Response: 32719385
Conc: 18.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 34585888
Conc: 14.52 ng/ml