Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021023\
Data File : PL080852.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2023 15:21
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 10 21:53:43 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...	3.352	2.688	42964251	43089843	20.032	19.618	
28)	SA Decachlor...	8.788	7.833	33376745	40639994	19.064	17.057	
	Target Compounds							
2)	A alpha-BHC	3.799	3.188	29428818	27546963	9.289	8.661	
3)	MA gamma-BHC...	4.128	3.516	28483362	26625979	9.689	8.913	
4)	MA Heptachlor	4.701	3.881f	312545	287528	0.106	0.090	
5)	MB Aldrin	0.000	4.145	0	332449	N.D.	0.113	#
6)	B beta-BHC	4.325	3.813	15732289	13542372	11.525	10.147	
7)	B delta-BHC	4.568	4.043	796570	21205	0.275	0.007	#
8)	B Heptachlo...	5.476	4.646	428484	24838	0.166	0.009	#
9)	A Endosulfan I	5.850	5.014	141530	80339	0.060	0.031	#
10)	B gamma-Chl...	5.706f	4.899	496501	526389	0.197	0.186	
11)	B alpha-Chl...	0.000	4.941f	0	150790	N.D.	0.053	#
12)	B 4,4'-DDE	0.000	5.146	0	185834	N.D.	0.079	#
13)	MA Dieldrin	0.000	5.274	0	16134	N.D.	0.006	#
14)	MA Endrin	6.358	5.547	92831088	99579258	42.924	42.901	
15)	B Endosulfa...	6.567	5.863f	3127349	-1556532	1.364	N.D.	#
16)	A 4,4'-DDD	6.501	5.699	10457643	9614037	5.708	5.116	
17)	MA 4,4'-DDT	6.814	5.951	168.5E6	180.1E6	81.119	85.715	
18)	B Endrin al...	6.706	6.023	2701834	4145700	1.624	2.270	#
19)	B Endosulfa...	6.919f	6.238	486554	262587	0.235	0.113	#
20)	A Methoxychlor	7.292	6.529	226.0E6	238.2E6	204.866	196.326	
21)	B Endrin ke...	7.420	6.748	6354490	7712810	2.880	3.021	
22)	Mirex	7.896	6.937	377060	14674	0.219	0.006	#
23)	Chlordane-1	0.000	3.689	0	10961	N.D.	0.135	#
25)	Chlordane-3	5.706f	4.899	496501	526389	1.469	1.996	#
26)	Chlordane-4	0.000	4.941f	0	150790	N.D.	0.560	#
27)	Chlordane-5	0.000	5.653f	0	553461	N.D.	7.778	#

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

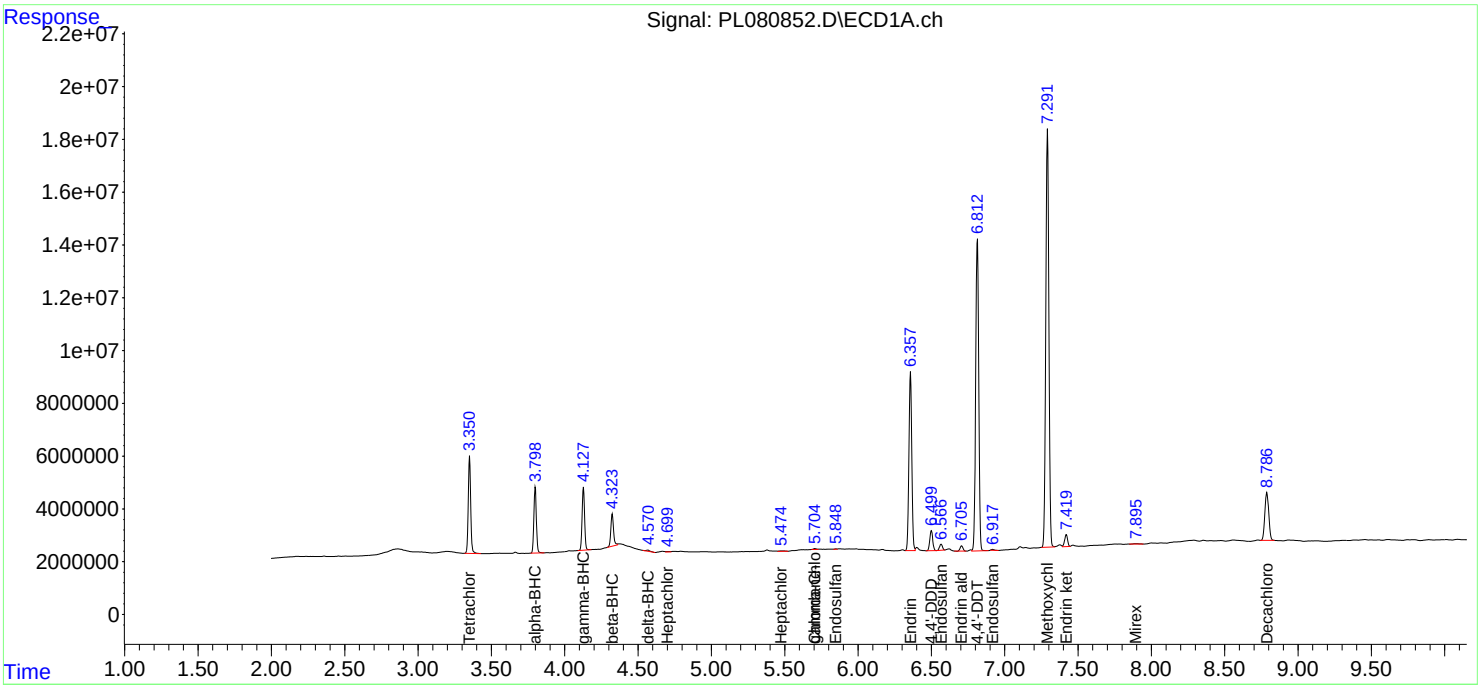
Quantitation Report (Not Reviewed)

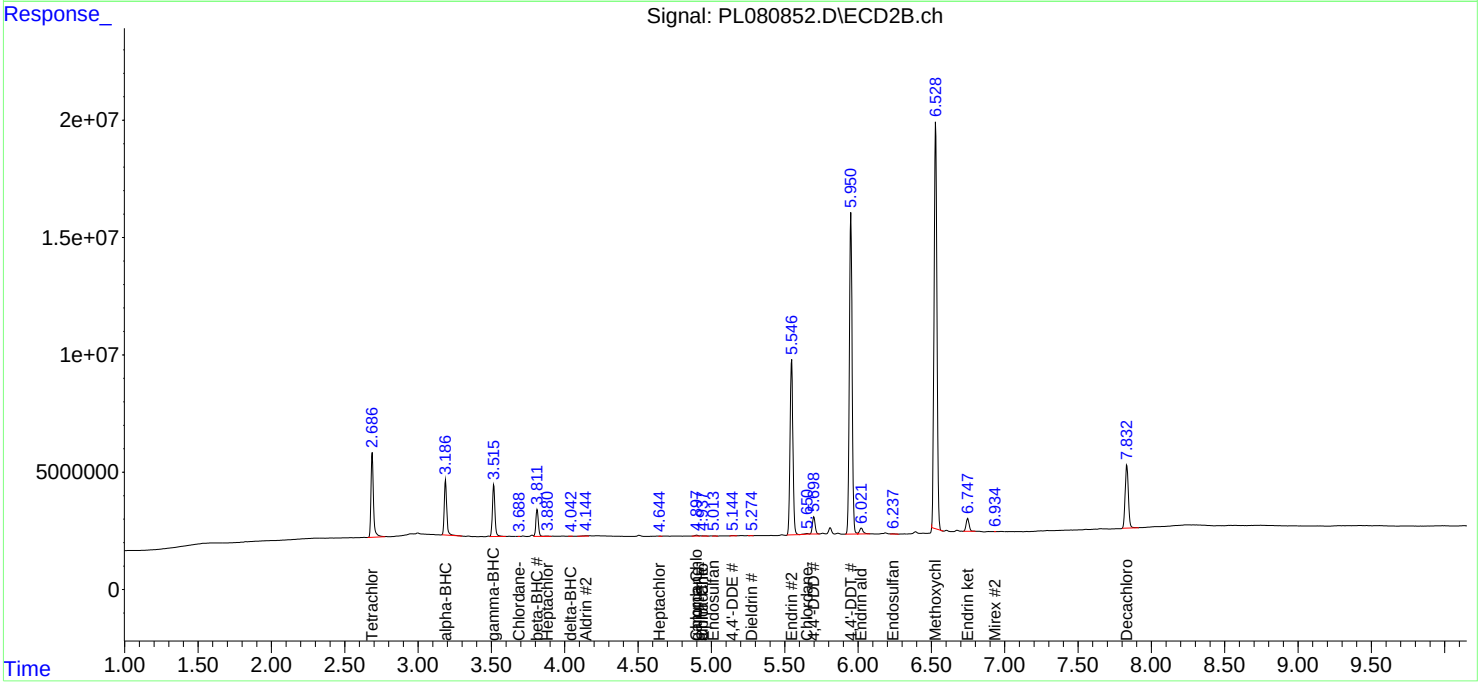
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021023\
Data File : PL080852.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2023 15:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

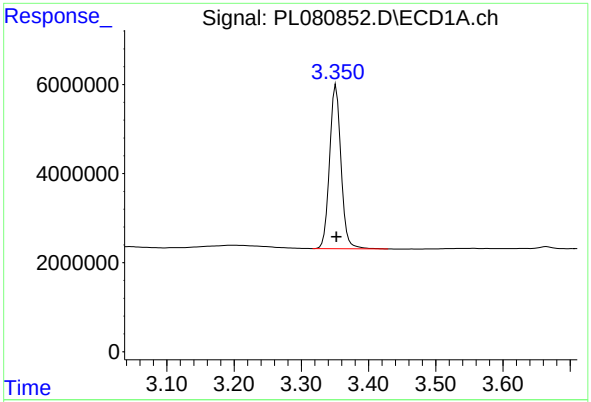
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 21:53:43 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



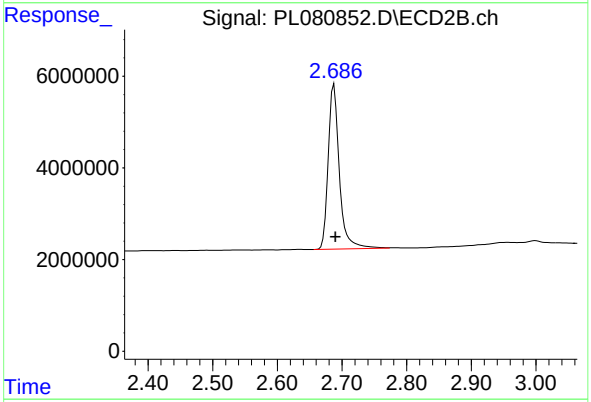




#1 Tetrachloro-m-xylene

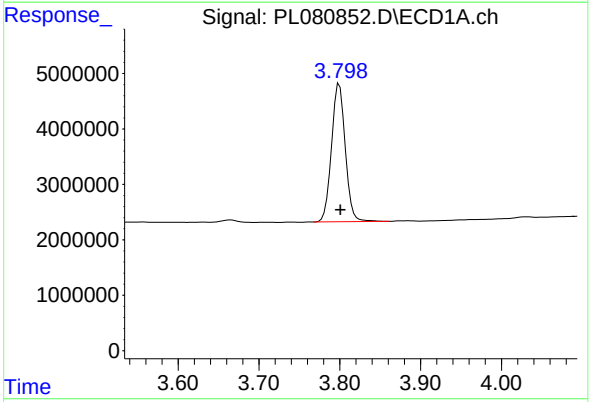
R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 42964251
Conc: 20.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



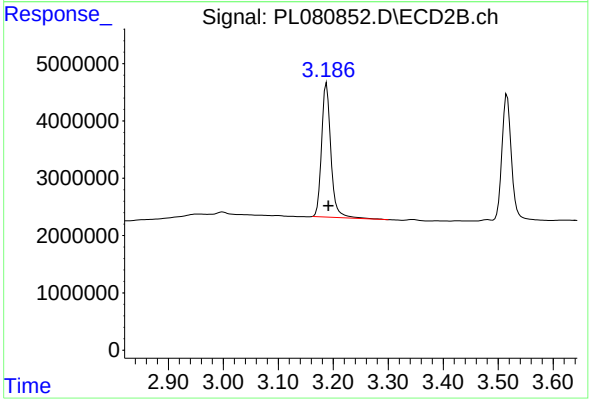
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 43089843
Conc: 19.62 ng/ml



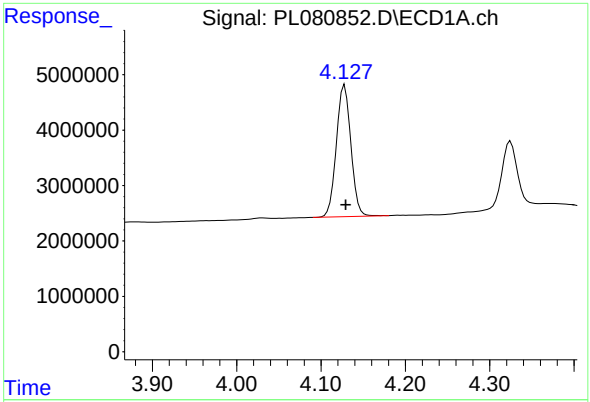
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 29428818
Conc: 9.29 ng/ml



#2 alpha-BHC

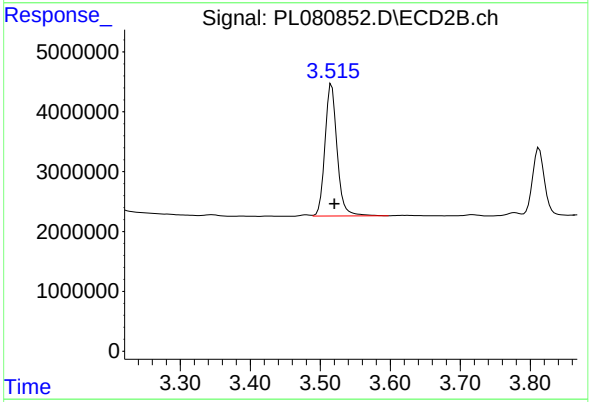
R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 27546963
Conc: 8.66 ng/ml



#3 gamma-BHC (Lindane)

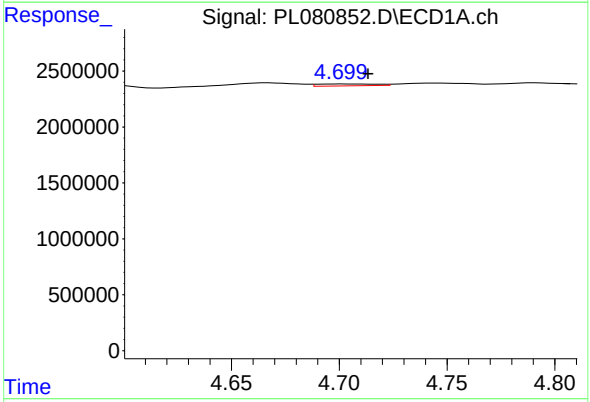
R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 28483362
Conc: 9.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



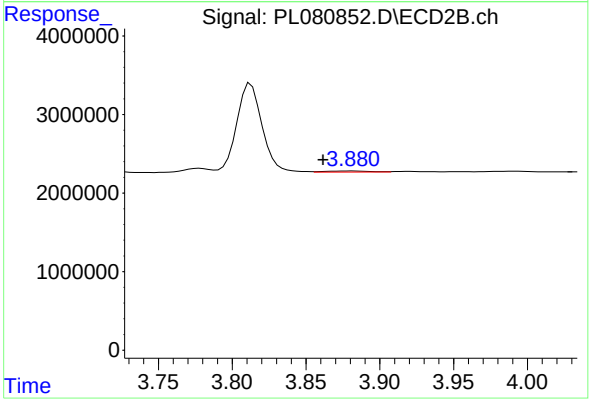
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 26625979
Conc: 8.91 ng/ml



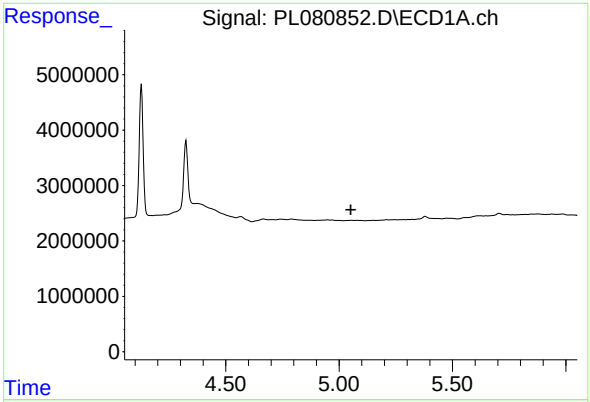
#4 Heptachlor

R.T.: 4.701 min
Delta R.T.: -0.013 min
Response: 312545
Conc: 0.11 ng/ml



#4 Heptachlor

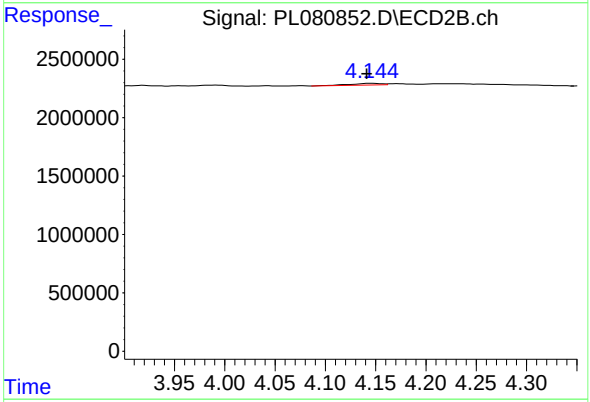
R.T.: 3.881 min
Delta R.T.: 0.020 min
Response: 287528
Conc: 0.09 ng/ml



#5 Aldrin

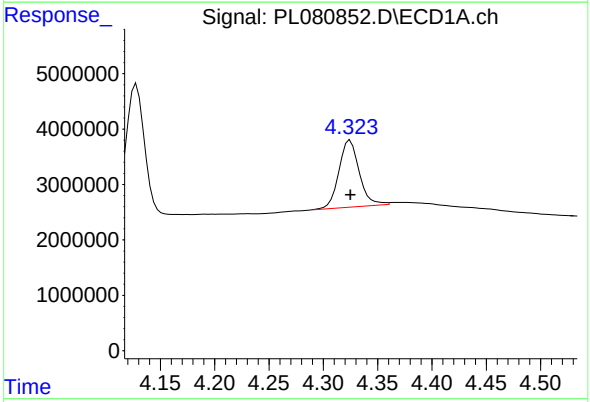
R.T.: 0.000 min
Exp R.T. : 5.052 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



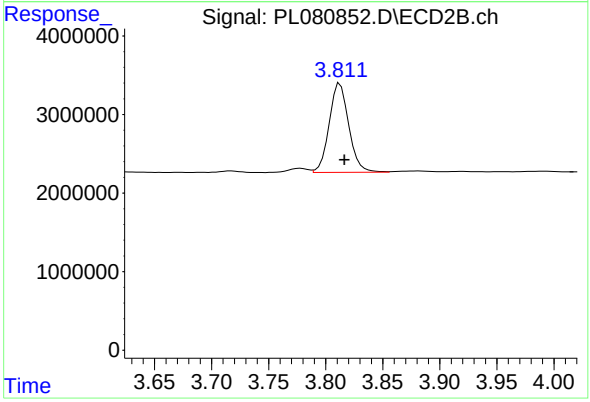
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.004 min
Response: 332449
Conc: 0.11 ng/ml



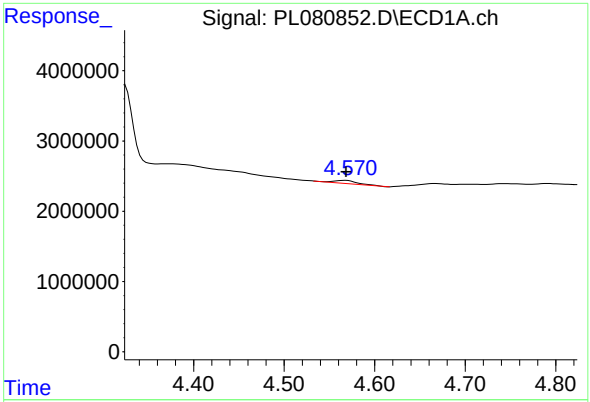
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 15732289
Conc: 11.53 ng/ml



#6 beta-BHC

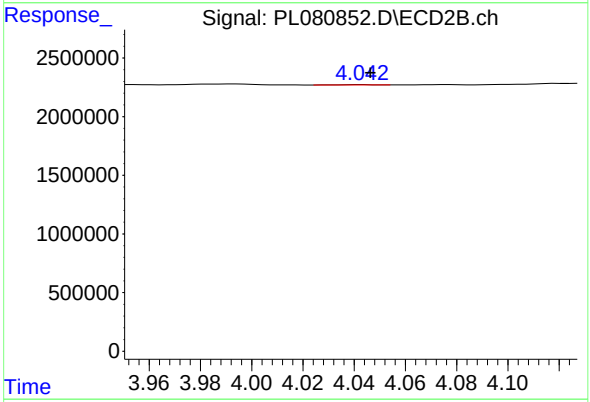
R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 13542372
Conc: 10.15 ng/ml



#7 delta-BHC

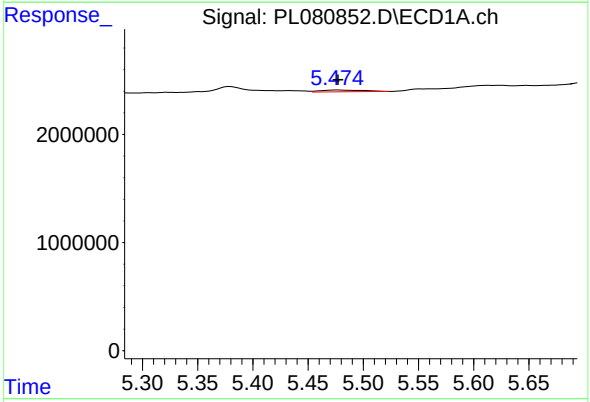
R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 796570
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



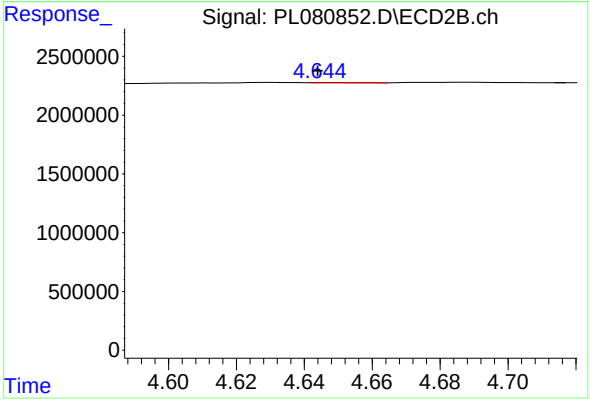
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 21205
Conc: 0.01 ng/ml



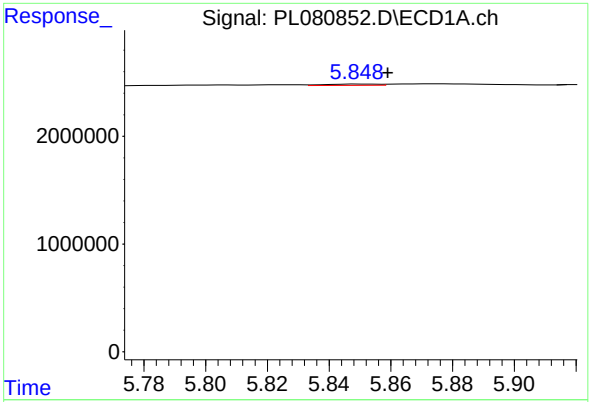
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 428484
Conc: 0.17 ng/ml



#8 Heptachlor epoxide

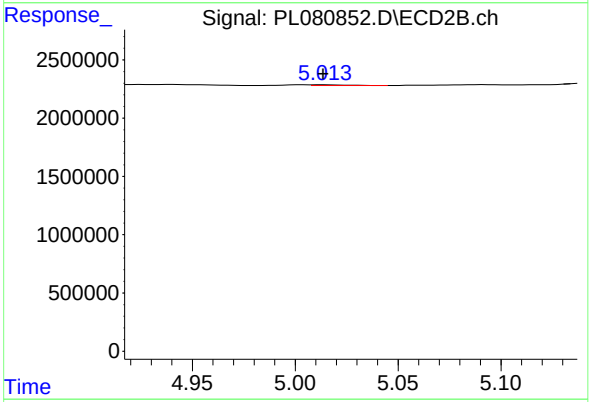
R.T.: 4.646 min
Delta R.T.: 0.002 min
Response: 24838
Conc: 0.01 ng/ml



#9 Endosulfan I

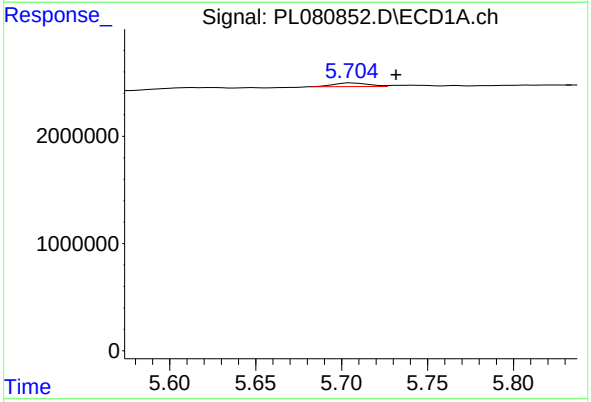
R.T.: 5.850 min
Delta R.T.: -0.009 min
Response: 141530
Conc: 0.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



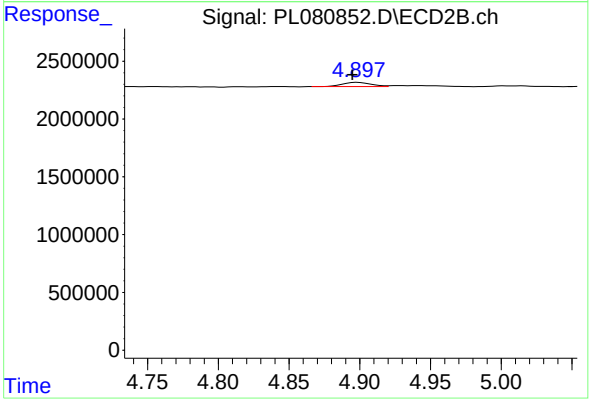
#9 Endosulfan I

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 80339
Conc: 0.03 ng/ml



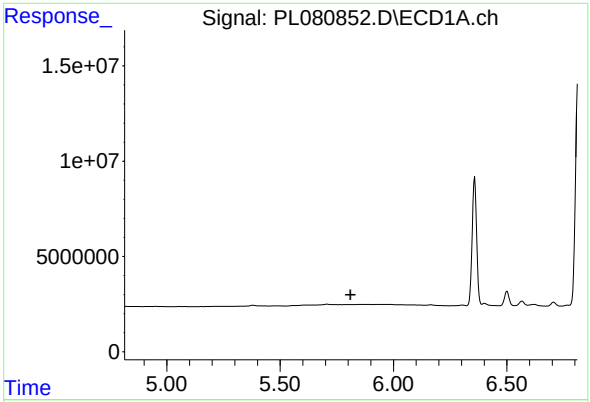
#10 gamma-Chlordane

R.T.: 5.706 min
Delta R.T.: -0.026 min
Response: 496501
Conc: 0.20 ng/ml



#10 gamma-Chlordane

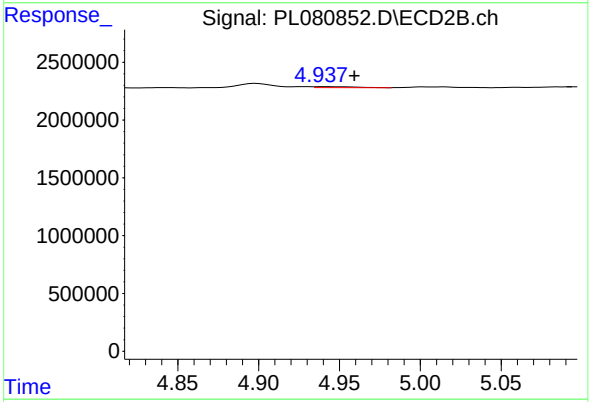
R.T.: 4.899 min
Delta R.T.: 0.004 min
Response: 526389
Conc: 0.19 ng/ml



#11 alpha-Chlordane

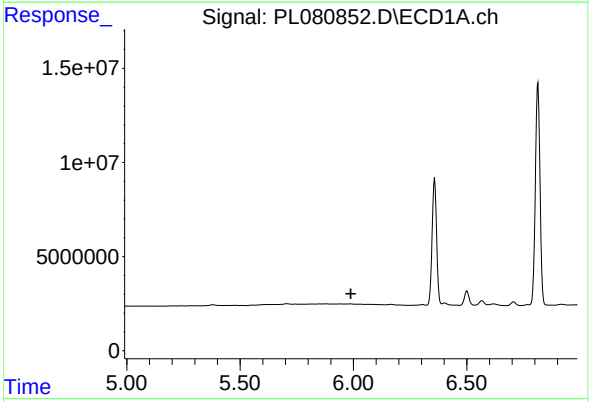
R.T.: 0.000 min
Exp R.T. : 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



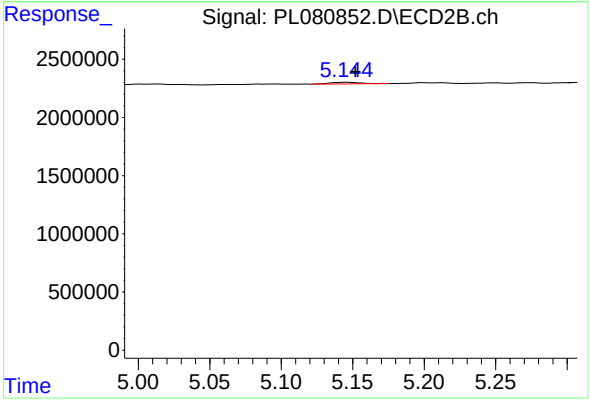
#11 alpha-Chlordane

R.T.: 4.941 min
Delta R.T.: -0.018 min
Response: 150790
Conc: 0.05 ng/ml



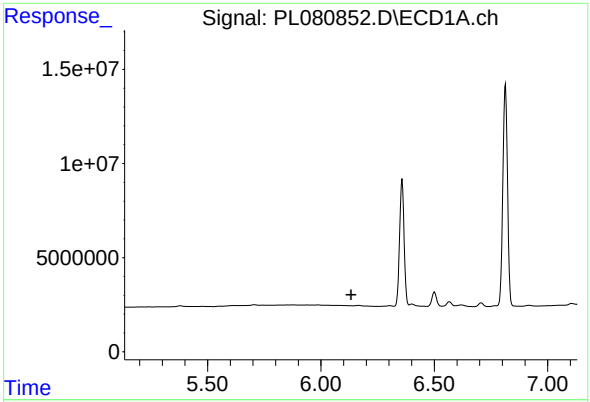
#12 4,4'-DDE

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



#12 4,4'-DDE

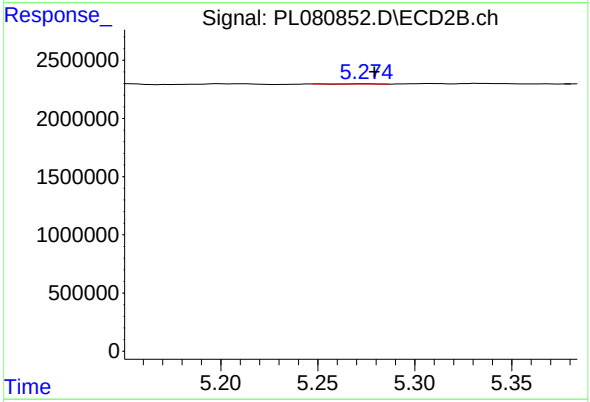
R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 185834
Conc: 0.08 ng/ml



#13 Dieldrin

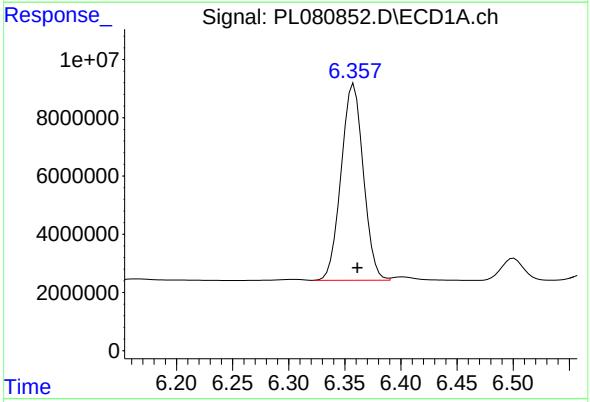
R.T.: 0.000 min
Exp R.T. : 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



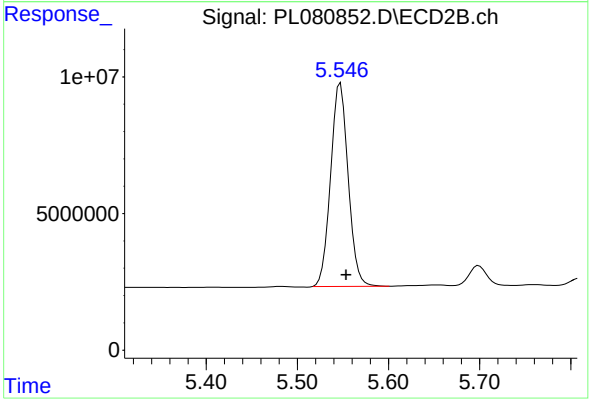
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 16134
Conc: 0.01 ng/ml



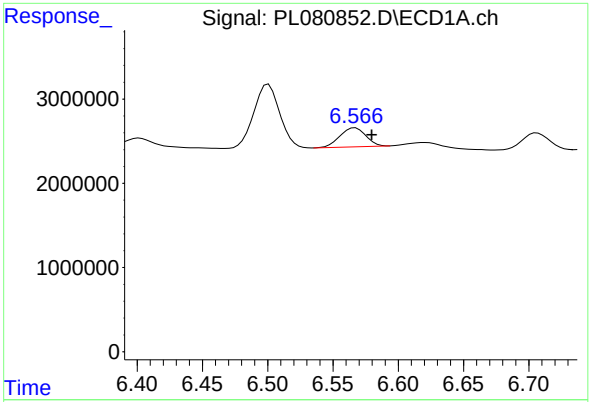
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 92831088
Conc: 42.92 ng/ml



#14 Endrin

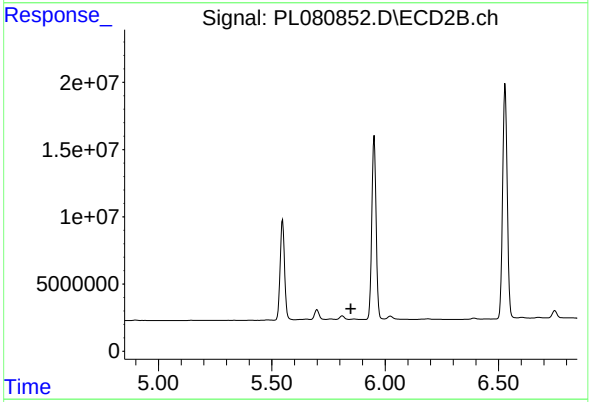
R.T.: 5.547 min
Delta R.T.: -0.006 min
Response: 99579258
Conc: 42.90 ng/ml



#15 Endosulfan II

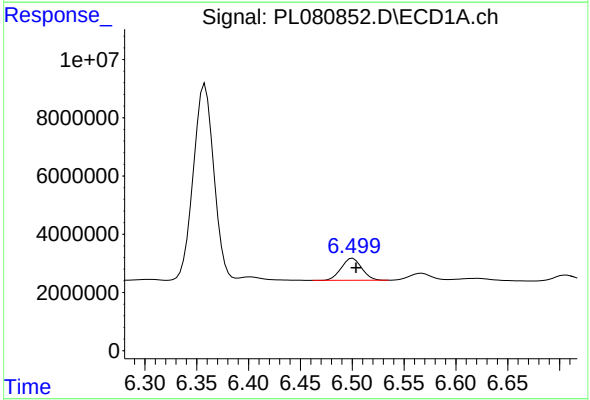
R.T.: 6.567 min
Delta R.T.: -0.013 min
Response: 3127349
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



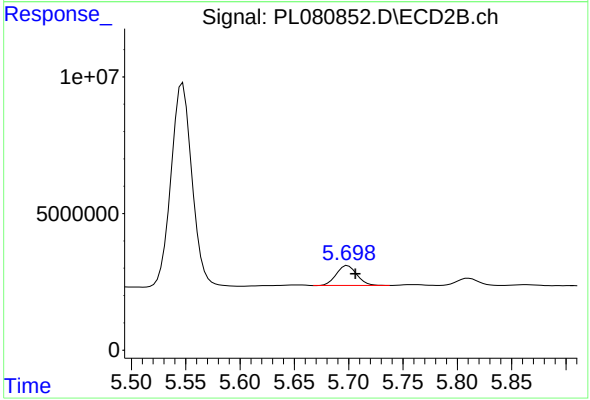
#15 Endosulfan II

R.T.: 5.863 min
Delta R.T.: 0.015 min
Response: -1556532
Conc: N.D.



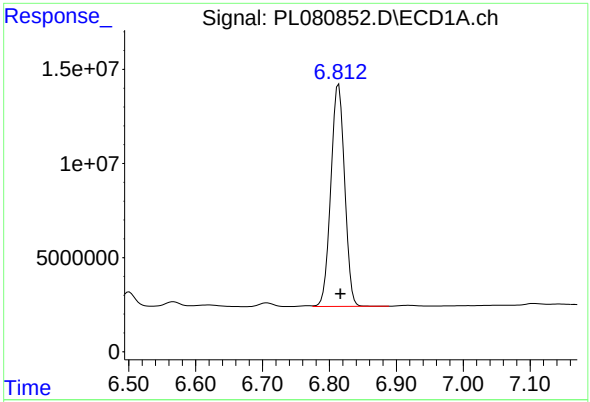
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 10457643
Conc: 5.71 ng/ml



#16 4,4'-DDD

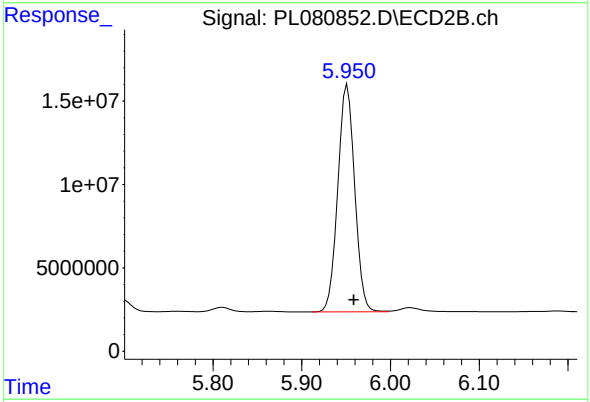
R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 9614037
Conc: 5.12 ng/ml



#17 4,4'-DDT

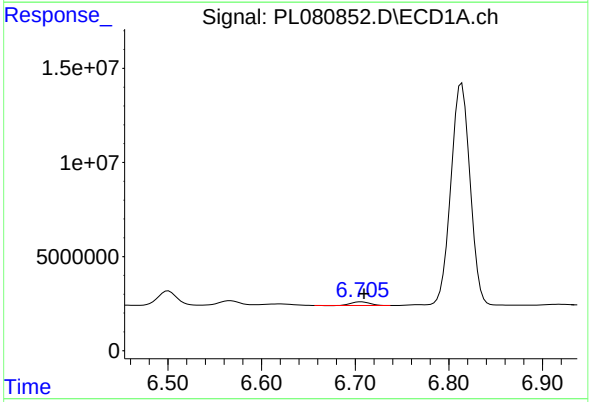
R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 168537895
Conc: 81.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



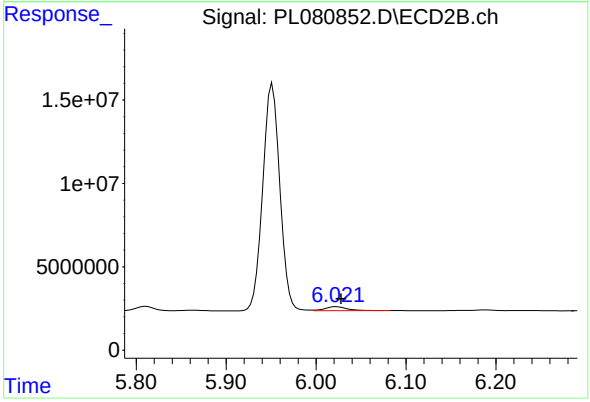
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 180128379
Conc: 85.71 ng/ml



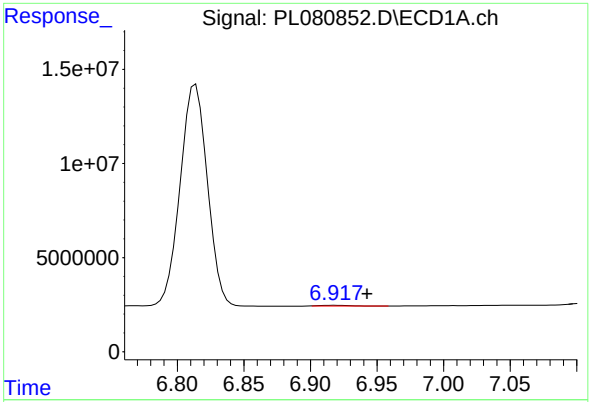
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 2701834
Conc: 1.62 ng/ml



#18 Endrin aldehyde

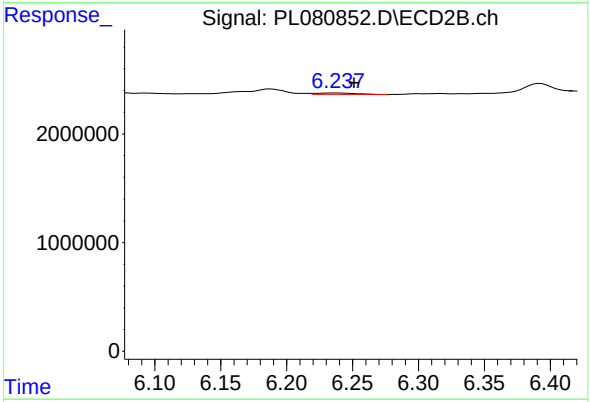
R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 4145700
Conc: 2.27 ng/ml



#19 Endosulfan Sulfate

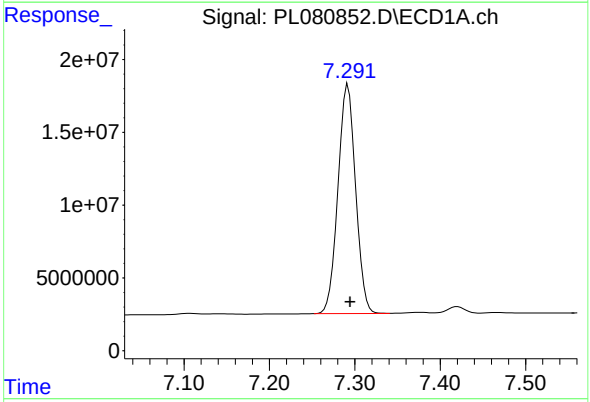
R.T.: 6.919 min
Delta R.T.: -0.024 min
Response: 486554
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



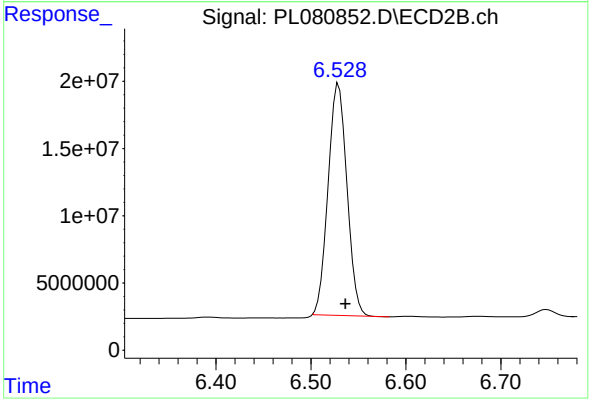
#19 Endosulfan Sulfate

R.T.: 6.238 min
Delta R.T.: -0.013 min
Response: 262587
Conc: 0.11 ng/ml



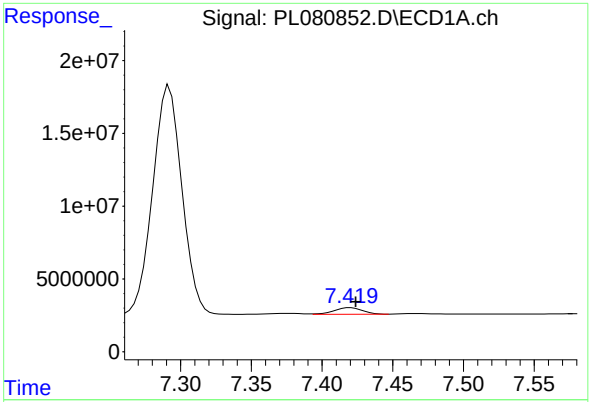
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 226026345
Conc: 204.87 ng/ml



#20 Methoxychlor

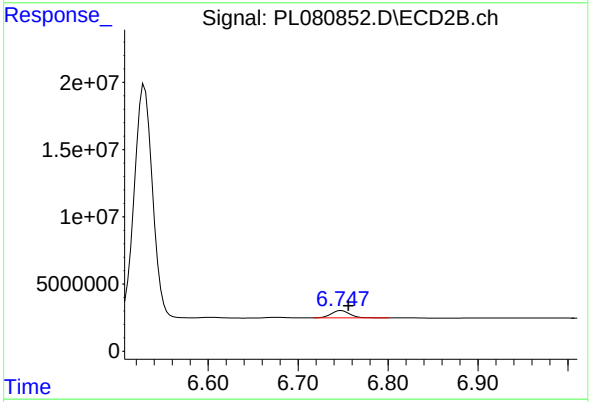
R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 238235119
Conc: 196.33 ng/ml



#21 Endrin ketone

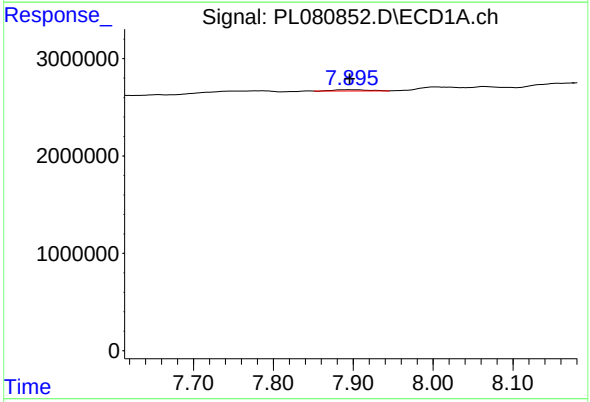
R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 6354490
Conc: 2.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



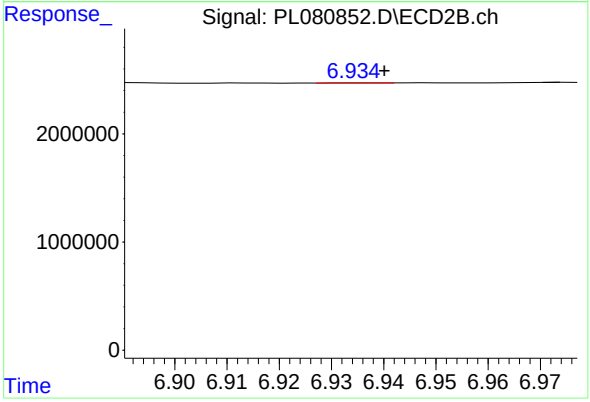
#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 7712810
Conc: 3.02 ng/ml



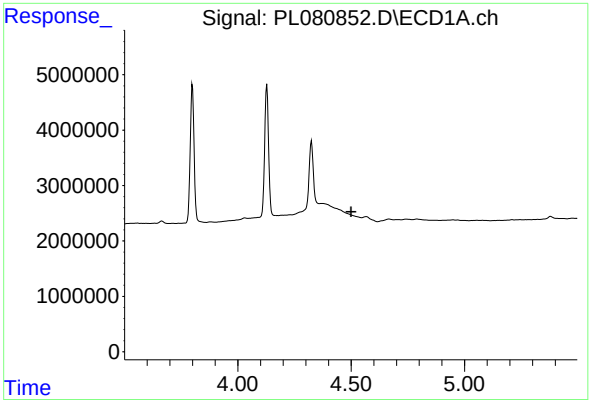
#22 Mirex

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 377060
Conc: 0.22 ng/ml



#22 Mirex

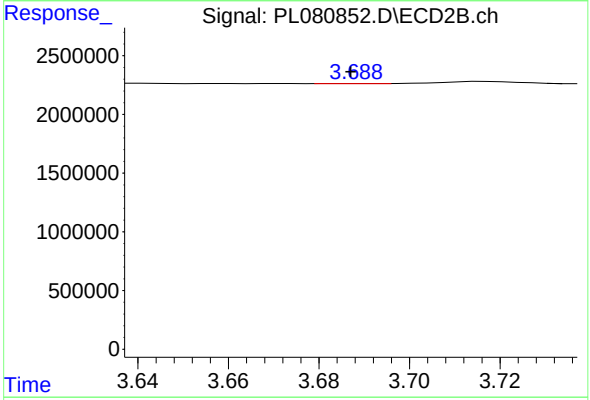
R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 14674
Conc: 0.01 ng/ml



#23 Chlordane-1

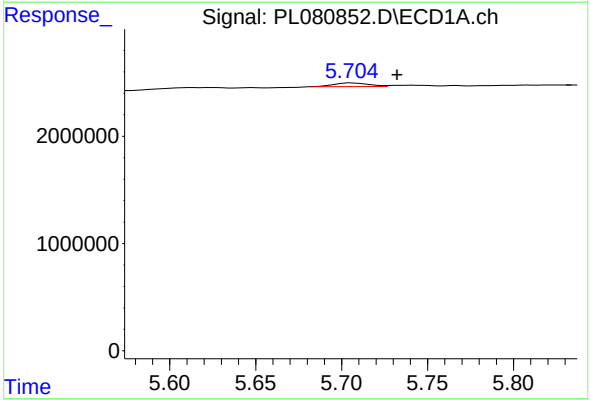
R.T.: 0.000 min
Exp R.T. : 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



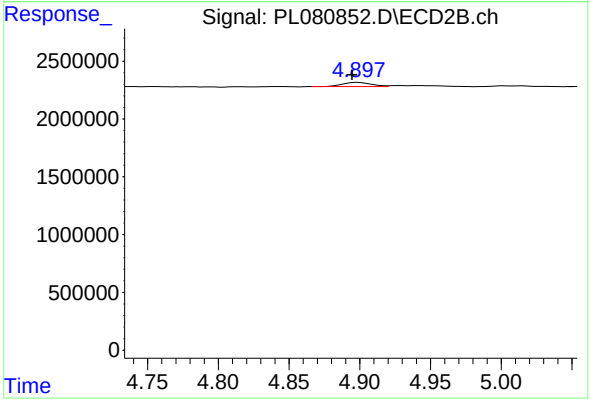
#23 Chlordane-1

R.T.: 3.689 min
Delta R.T.: 0.002 min
Response: 10961
Conc: 0.13 ng/ml



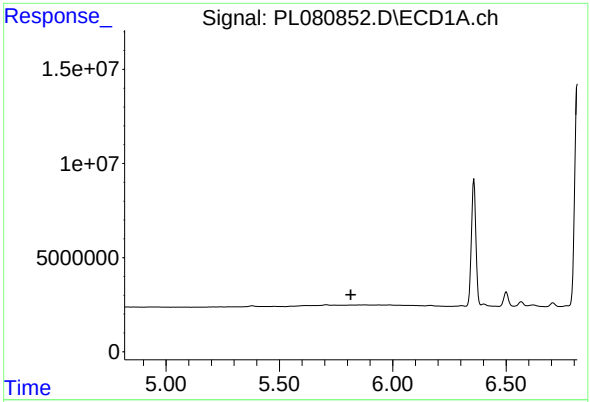
#25 Chlordane-3

R.T.: 5.706 min
Delta R.T.: -0.027 min
Response: 496501
Conc: 1.47 ng/ml



#25 Chlordane-3

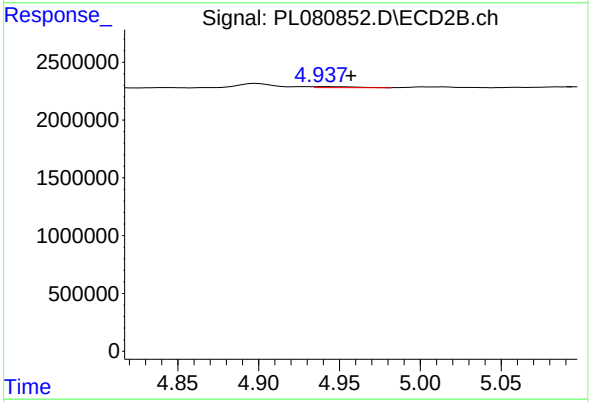
R.T.: 4.899 min
Delta R.T.: 0.004 min
Response: 526389
Conc: 2.00 ng/ml



#26 Chlordane-4

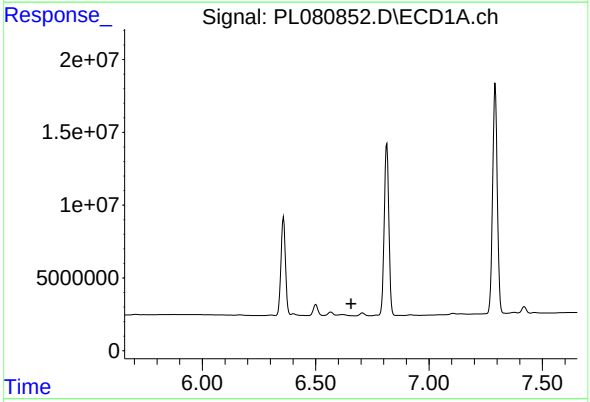
R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



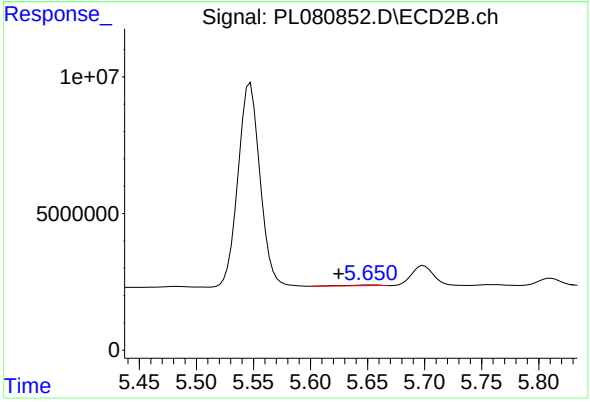
#26 Chlordane-4

R.T.: 4.941 min
Delta R.T.: -0.016 min
Response: 150790
Conc: 0.56 ng/ml



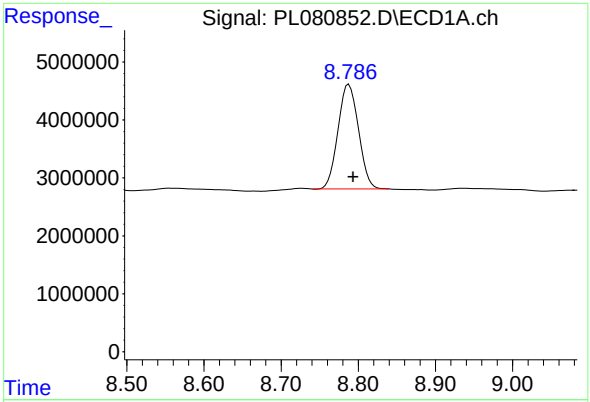
#27 Chlordane-5

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



#27 Chlordane-5

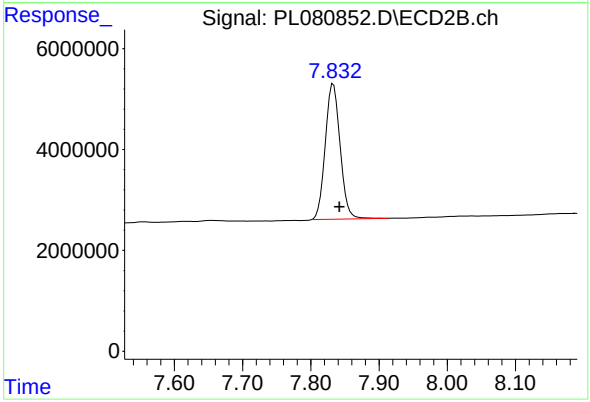
R.T.: 5.653 min
Delta R.T.: 0.028 min
Response: 553461
Conc: 7.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.005 min
Response: 33376745
Conc: 19.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 40639994
Conc: 17.06 ng/ml