Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
Data File : PL080999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2023 09:07
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 17 22:06:25 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	43736522	42281438	20.392	19.250	
28)	SA Decachlor...	8.792	7.833	33299302	41215971	19.020	17.299	
	Target Compounds							
2)	A alpha-BHC	3.801	3.189	29944675	27844977	9.452	8.755	
3)	MA gamma-BHC...	4.129	3.517	29223651	26270230	9.941	8.794	
4)	MA Heptachlor	4.717	3.886f	190215	83062	0.064	0.026	#
5)	MB Aldrin	0.000	4.146	0	349812	N.D.	0.119	#
6)	B beta-BHC	4.326	3.813	14660715	13676394	10.740	10.247	
7)	B delta-BHC	4.569	4.041	1166577	104497	0.403	0.036	#
8)	B Heptachlo...	0.000	4.638	0	30667	N.D.	0.011	#
9)	A Endosulfan I	5.884f	5.011	338790	101582	0.143	0.039	#
10)	B gamma-Chl...	5.709f	4.899	374582	407680	0.148	0.144	
11)	B alpha-Chl...	0.000	4.964	0	61680	N.D.	0.022	#
12)	B 4,4'-DDE	5.989	5.146	527481	506907	0.237	0.215	
13)	MA Dieldrin	0.000	5.276	0	14295	N.D.	0.005	#
14)	MA Endrin	6.360	5.548	93275383	97757945	43.129	42.116	
15)	B Endosulfa...	6.568	5.864f	2752107	-1058879	1.201	N.D.	#
16)	A 4,4'-DDD	6.502	5.700	8462176	7785100	4.619	4.143	
17)	MA 4,4'-DDT	6.816	5.952	176.3E6	188.9E6	84.849	89.876	
18)	B Endrin al...	6.708	6.023	3239660	4745276	1.948	2.599	#
19)	B Endosulfa...	6.920f	6.241	390874	287624	0.189	0.124	#
20)	A Methoxychlor	7.294	6.529	236.9E6	249.2E6	214.757	205.391	
21)	B Endrin ke...	7.422	6.749	7488276	8614340	3.394	3.374	
22)	Mirex	7.900	6.956f	60534	74528	0.035	0.033	
23)	Chlordane-1	0.000	3.692	0	37067	N.D.	0.455	#
24)	Chlordane-2	0.000	4.243f	0	22680	N.D.	0.252	#
25)	Chlordane-3	5.709f	4.899	374582	407680	1.109	1.546	#
26)	Chlordane-4	0.000	4.964	0	61680	N.D.	0.229	#
27)	Chlordane-5	0.000	5.651f	0	625322	N.D.	8.788	#

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

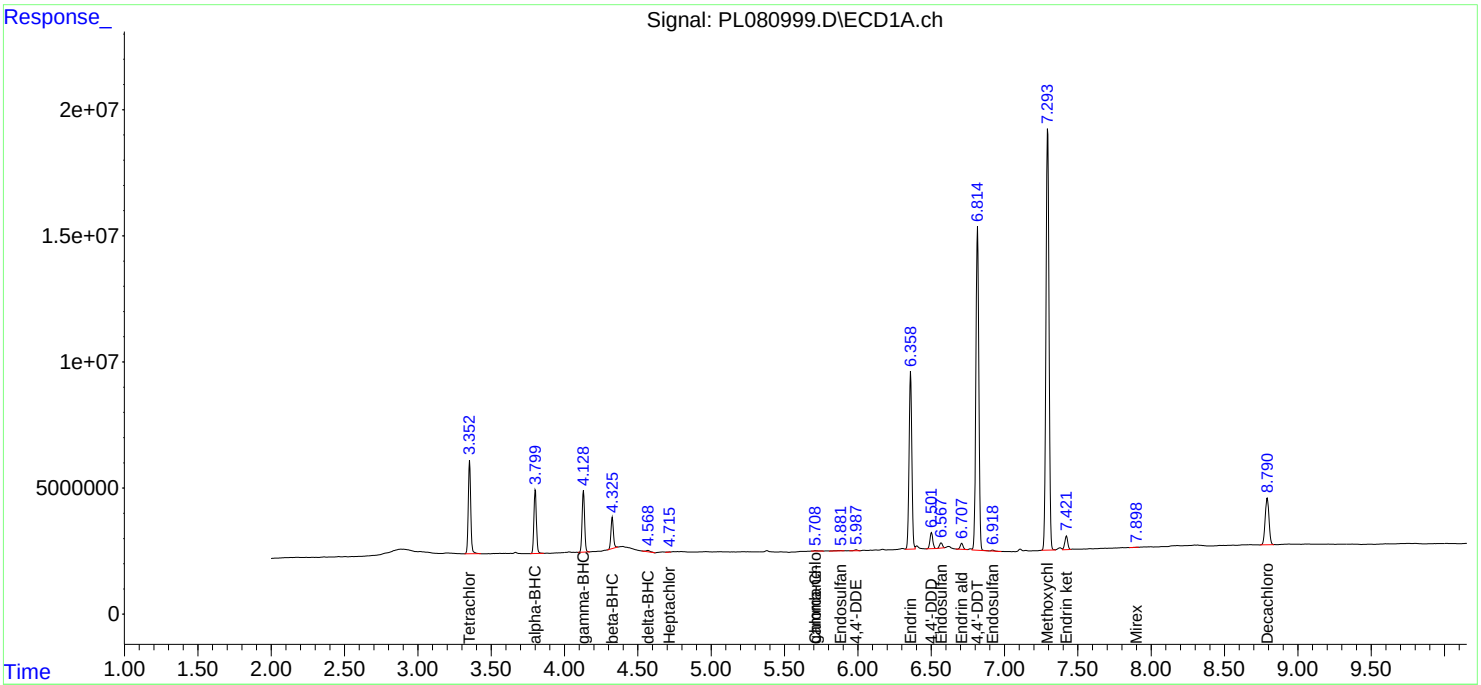
Quantitation Report (Not Reviewed)

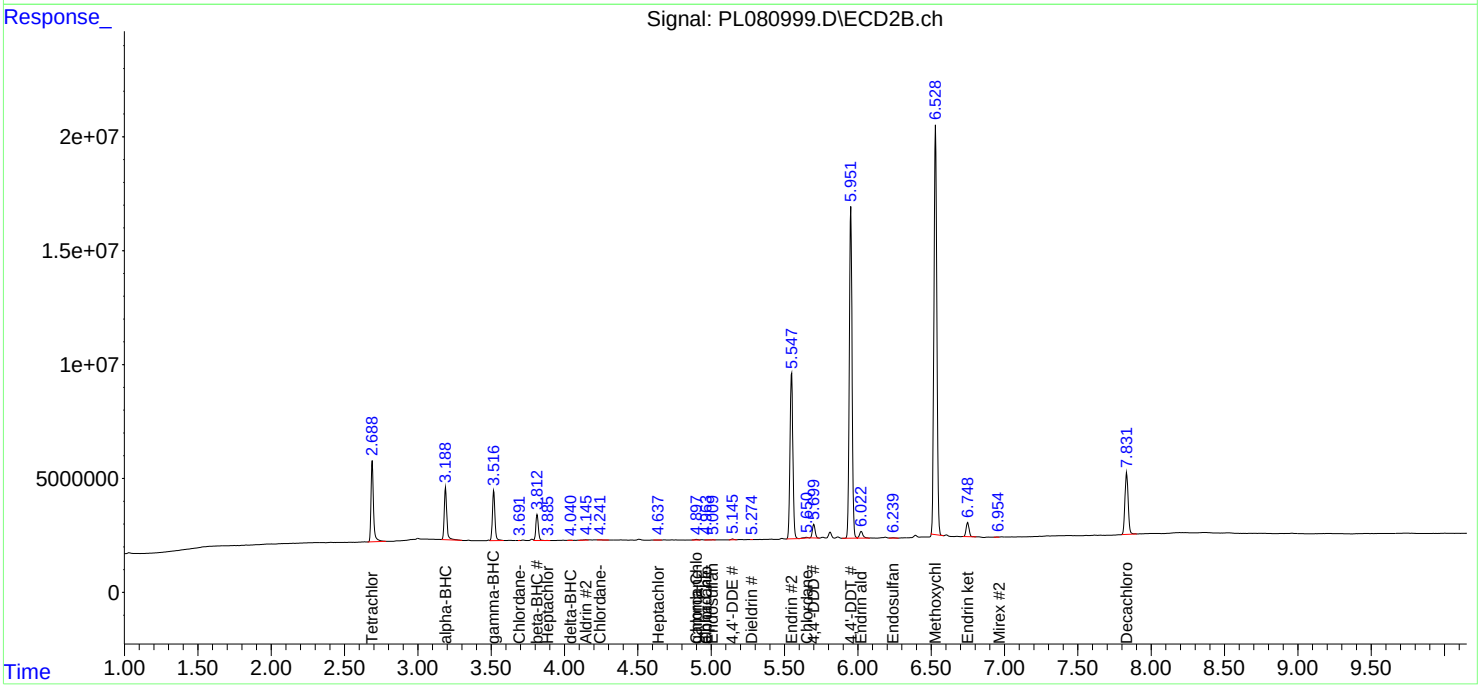
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
Data File : PL080999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2023 09:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

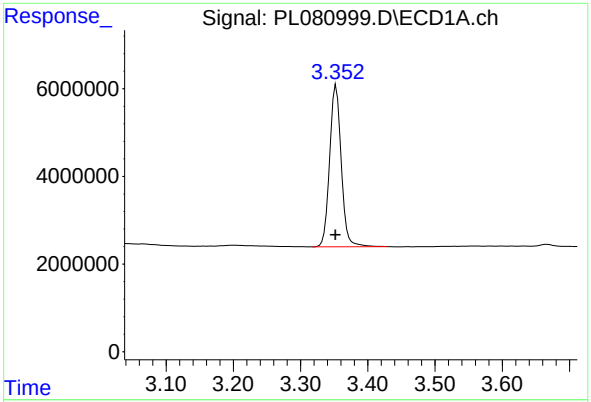
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 17 22:06:25 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



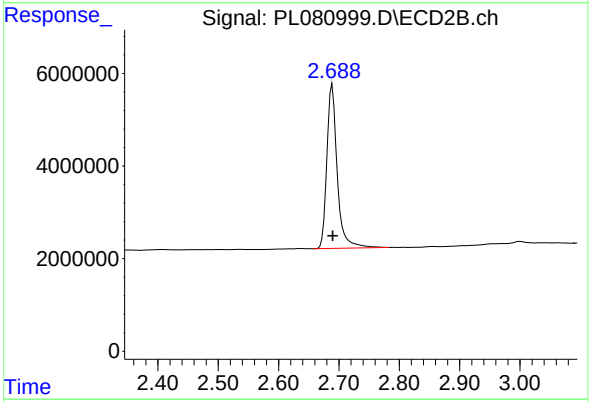




#1 Tetrachloro-m-xylene

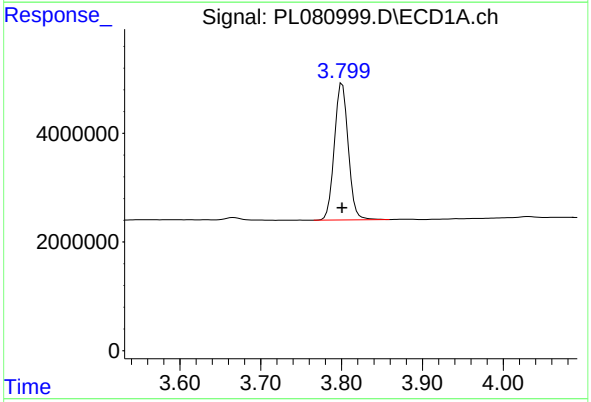
R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 43736522
Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



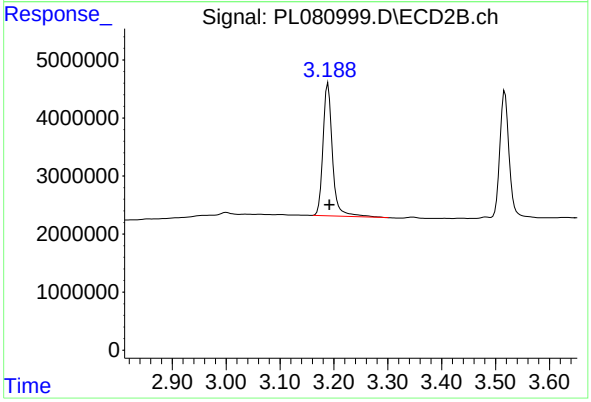
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 42281438
Conc: 19.25 ng/ml



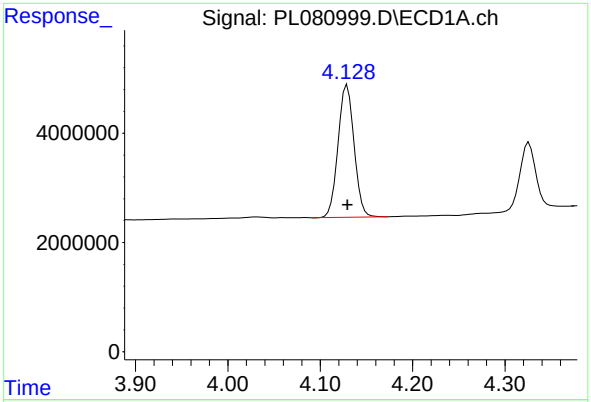
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 29944675
Conc: 9.45 ng/ml



#2 alpha-BHC

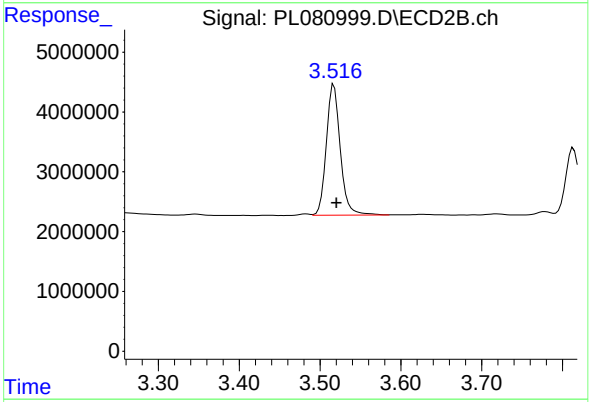
R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 27844977
Conc: 8.76 ng/ml



#3 gamma-BHC (Lindane)

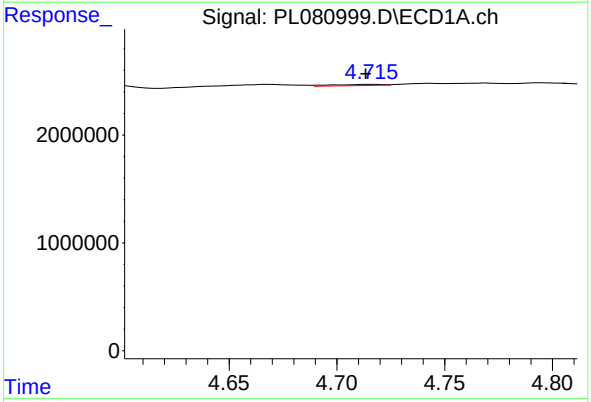
R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 29223651
Conc: 9.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



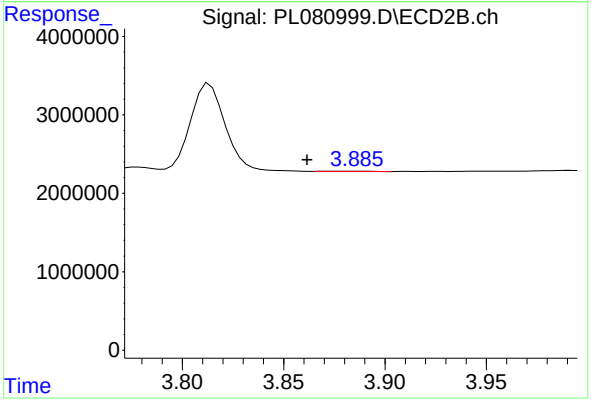
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 26270230
Conc: 8.79 ng/ml



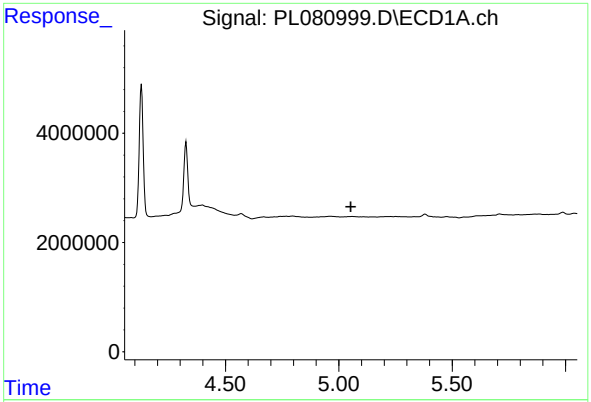
#4 Heptachlor

R.T.: 4.717 min
Delta R.T.: 0.003 min
Response: 190215
Conc: 0.06 ng/ml



#4 Heptachlor

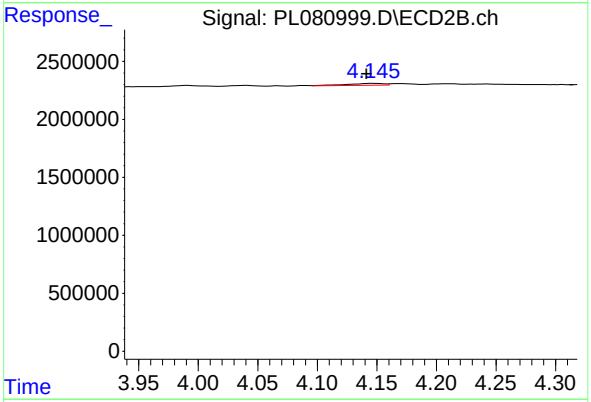
R.T.: 3.886 min
Delta R.T.: 0.025 min
Response: 83062
Conc: 0.03 ng/ml



#5 Aldrin

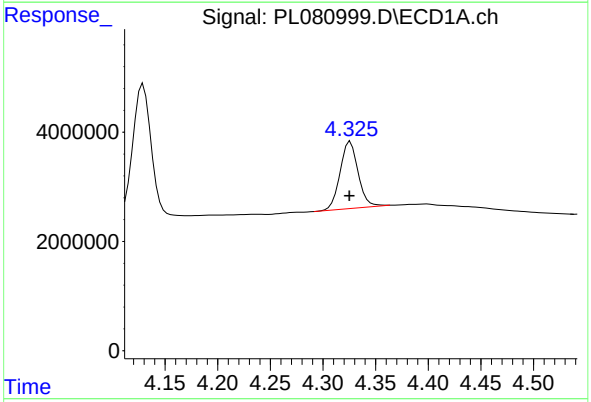
R.T.: 0.000 min
Exp R.T. : 5.052 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



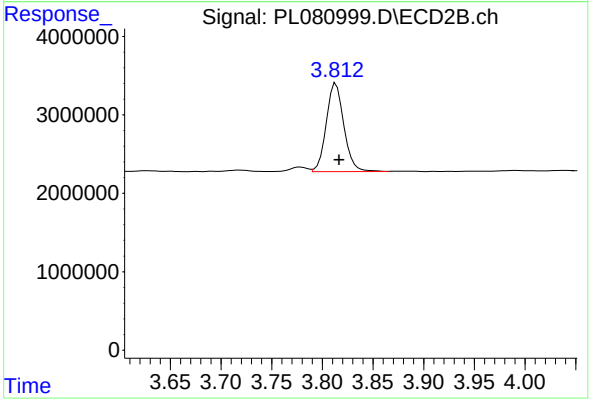
#5 Aldrin

R.T.: 4.146 min
Delta R.T.: 0.005 min
Response: 349812
Conc: 0.12 ng/ml



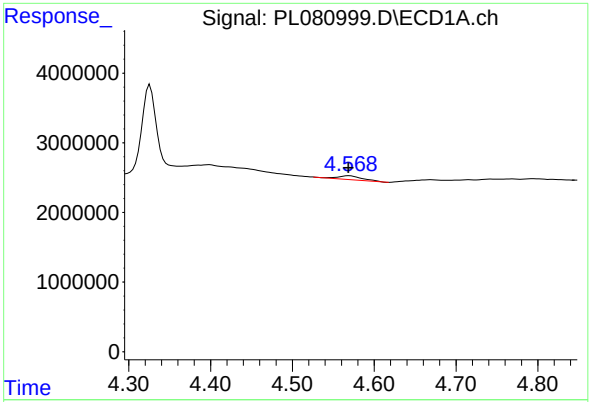
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 14660715
Conc: 10.74 ng/ml



#6 beta-BHC

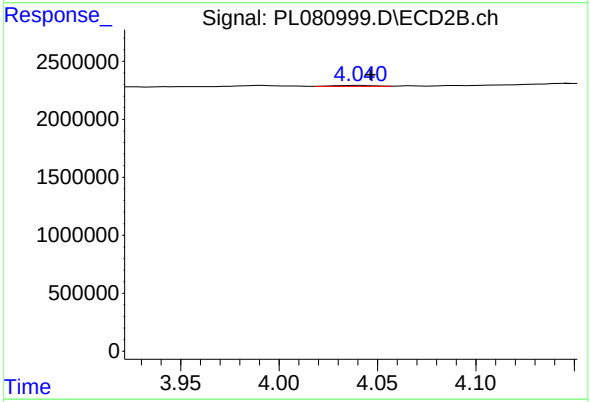
R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 13676394
Conc: 10.25 ng/ml



#7 delta-BHC

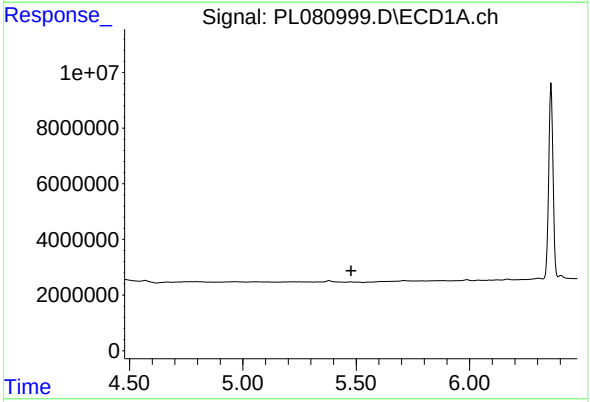
R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 1166577
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



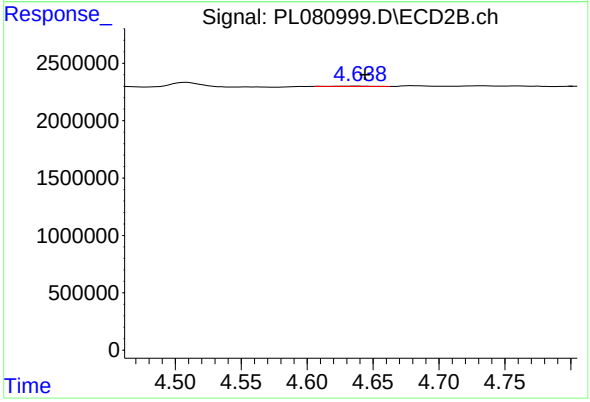
#7 delta-BHC

R.T.: 4.041 min
Delta R.T.: -0.005 min
Response: 104497
Conc: 0.04 ng/ml



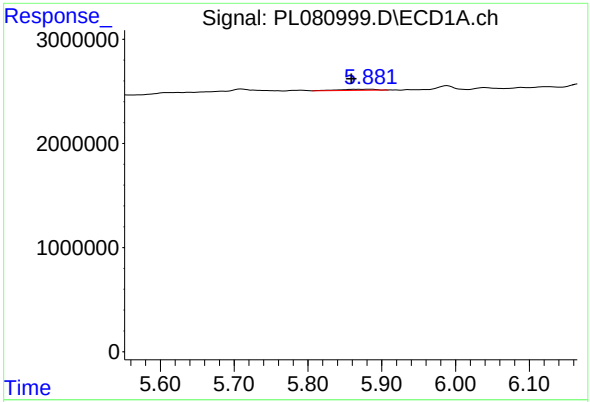
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

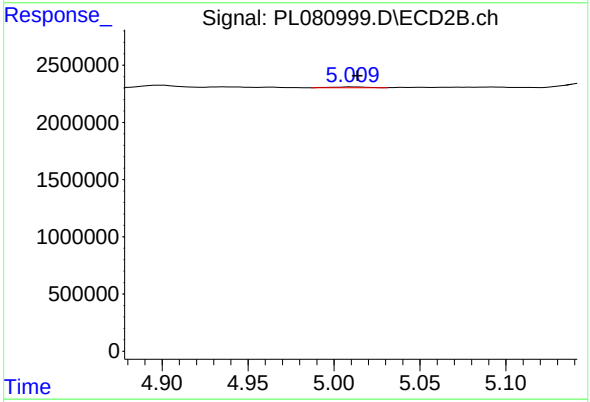
R.T.: 4.638 min
Delta R.T.: -0.006 min
Response: 30667
Conc: 0.01 ng/ml



#9 Endosulfan I

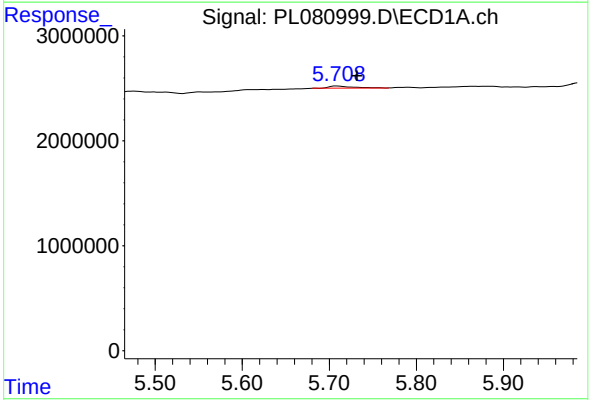
R.T.: 5.884 min
Delta R.T.: 0.025 min
Response: 338790
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



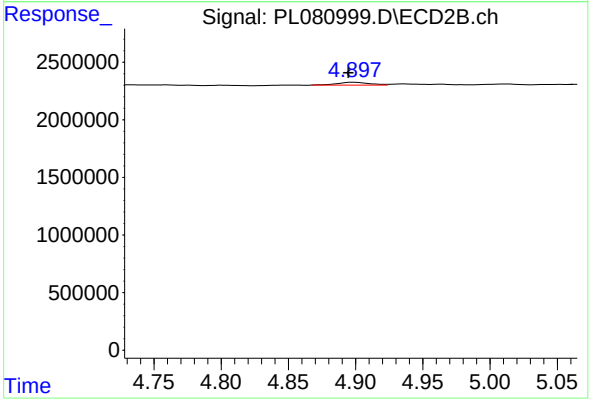
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 101582
Conc: 0.04 ng/ml



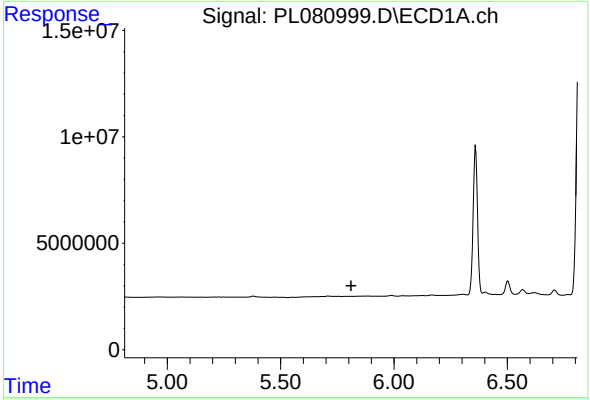
#10 gamma-Chlordane

R.T.: 5.709 min
Delta R.T.: -0.023 min
Response: 374582
Conc: 0.15 ng/ml



#10 gamma-Chlordane

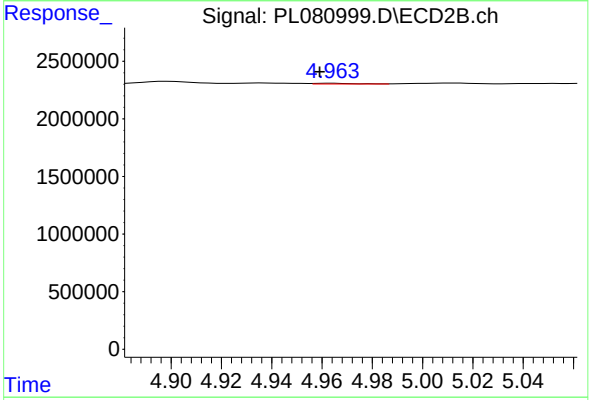
R.T.: 4.899 min
Delta R.T.: 0.004 min
Response: 407680
Conc: 0.14 ng/ml



#11 alpha-Chlordane

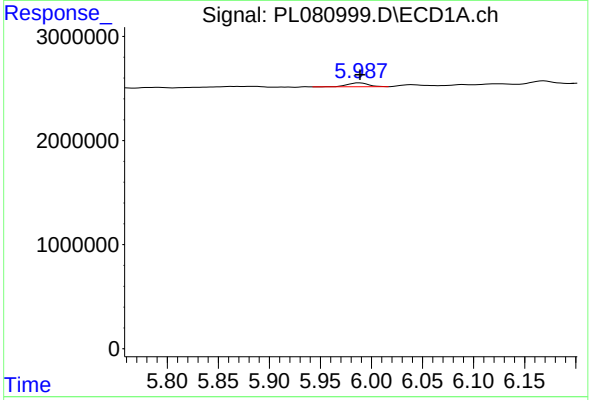
R.T.: 0.000 min
Exp R.T. : 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



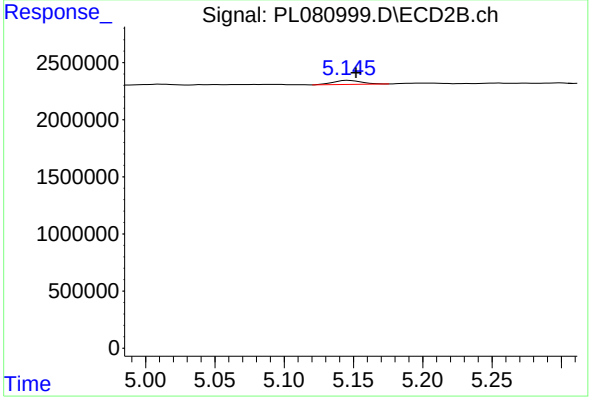
#11 alpha-Chlordane

R.T.: 4.964 min
Delta R.T.: 0.005 min
Response: 61680
Conc: 0.02 ng/ml



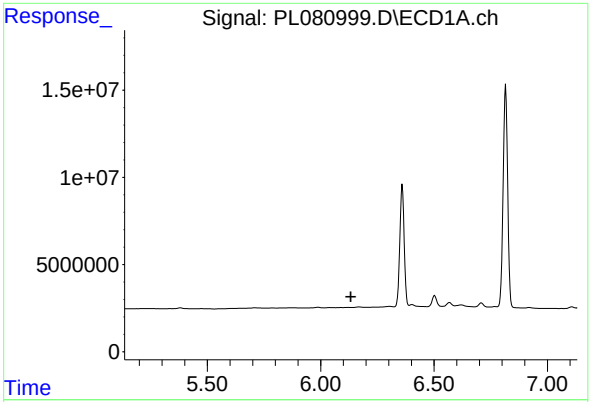
#12 4,4'-DDE

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 527481
Conc: 0.24 ng/ml



#12 4,4'-DDE

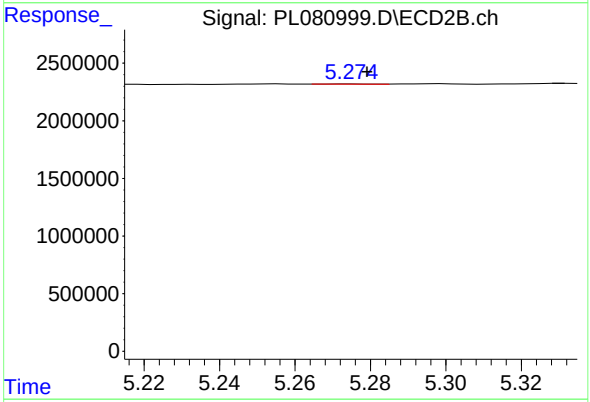
R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 506907
Conc: 0.21 ng/ml



#13 Dieldrin

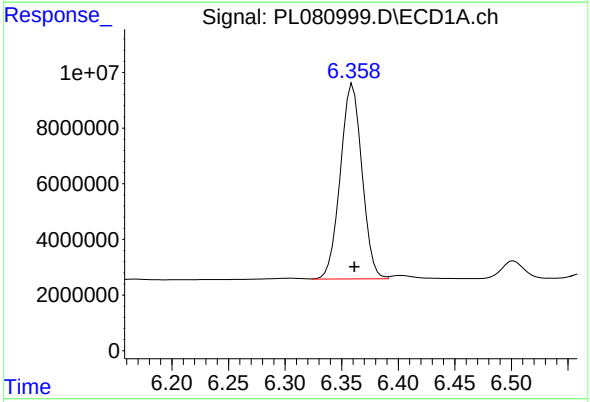
R.T.: 0.000 min
Exp R.T. : 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



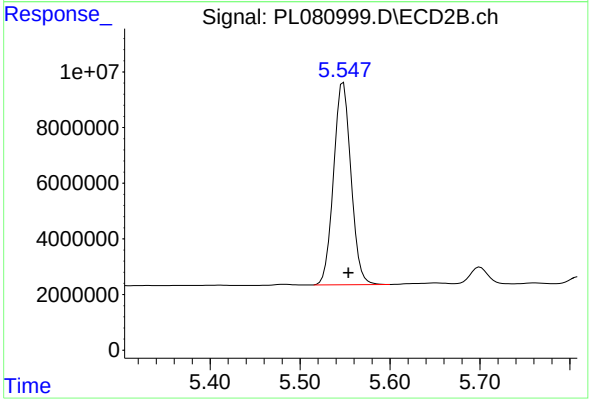
#13 Dieldrin

R.T.: 5.276 min
Delta R.T.: -0.004 min
Response: 14295
Conc: 0.01 ng/ml



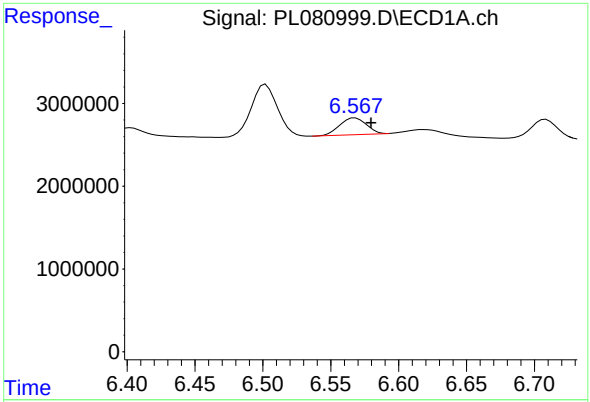
#14 Endrin

R.T.: 6.360 min
Delta R.T.: -0.001 min
Response: 93275383
Conc: 43.13 ng/ml



#14 Endrin

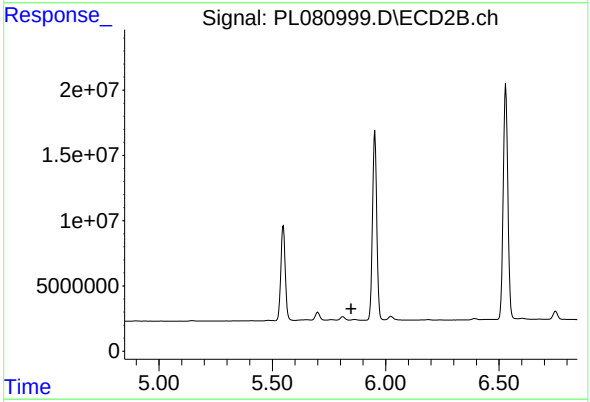
R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 97757945
Conc: 42.12 ng/ml



#15 Endosulfan II

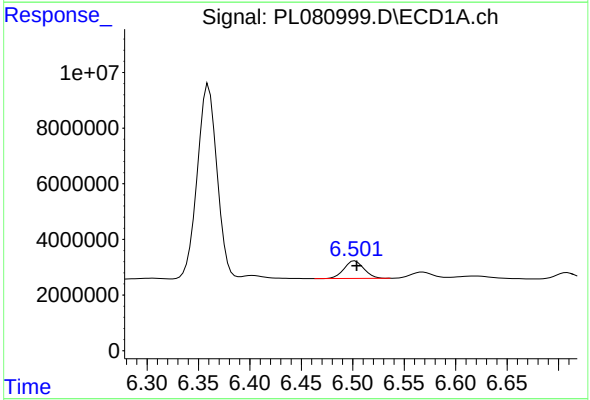
R.T.: 6.568 min
Delta R.T.: -0.012 min
Response: 2752107
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



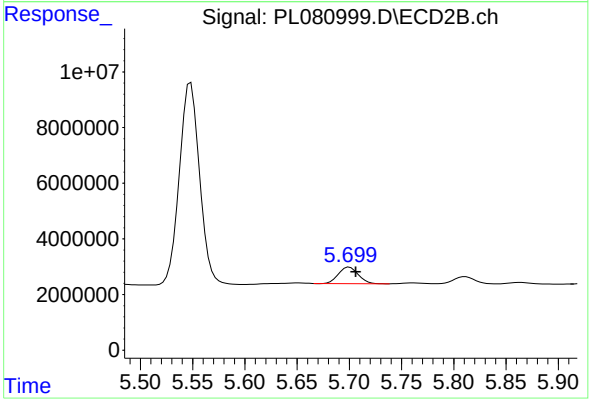
#15 Endosulfan II

R.T.: 5.864 min
Delta R.T.: 0.016 min
Response: -1058879
Conc: N.D.



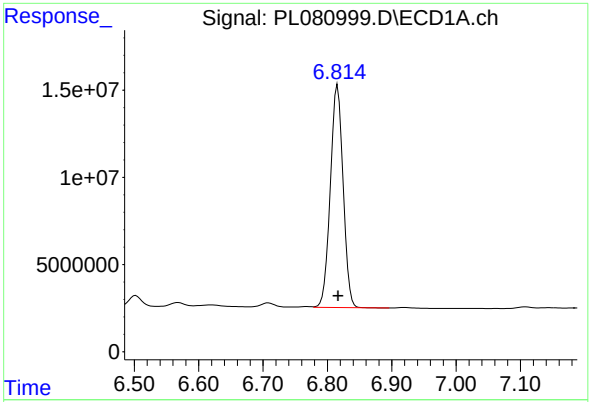
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 8462176
Conc: 4.62 ng/ml



#16 4,4'-DDD

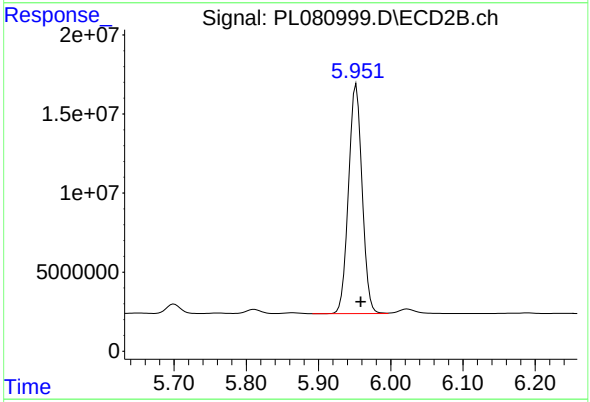
R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 7785100
Conc: 4.14 ng/ml



#17 4,4'-DDT

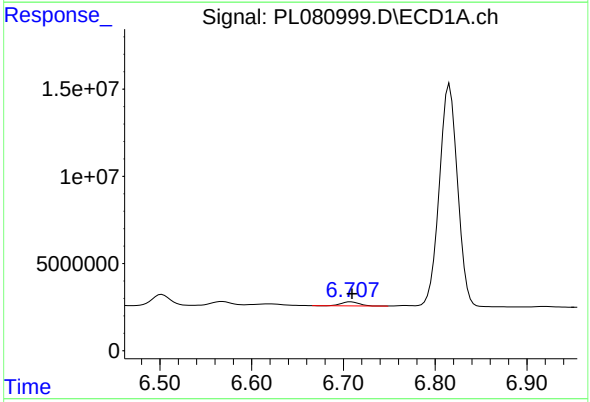
R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 176288380
Conc: 84.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



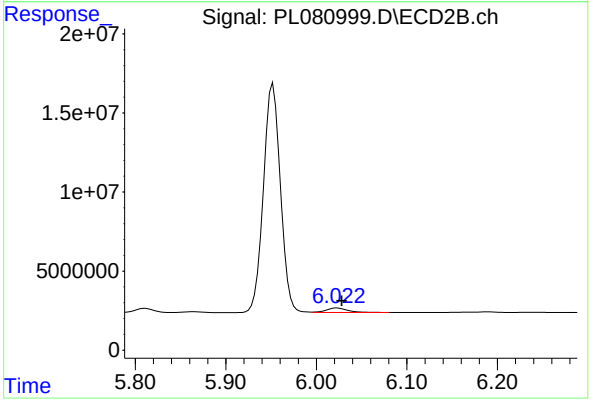
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 188873290
Conc: 89.88 ng/ml



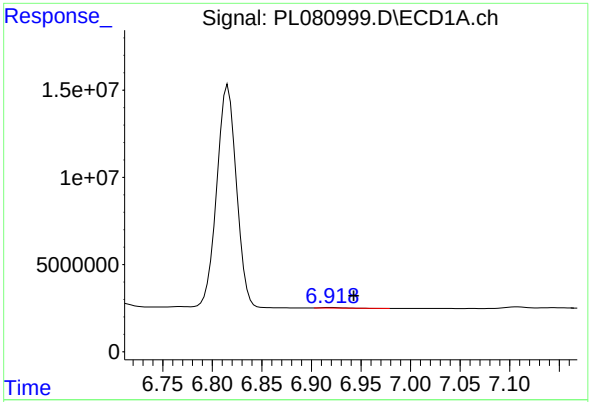
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 3239660
Conc: 1.95 ng/ml



#18 Endrin aldehyde

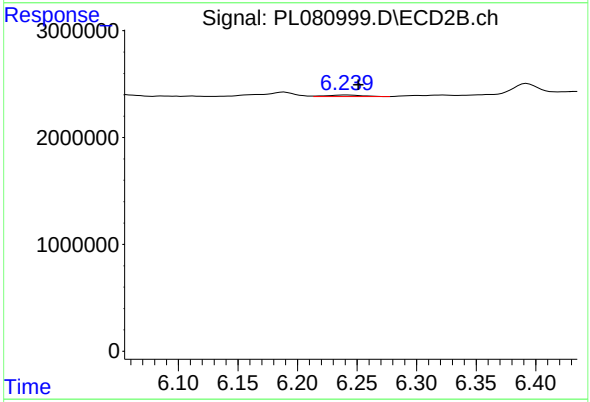
R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 4745276
Conc: 2.60 ng/ml



#19 Endosulfan Sulfate

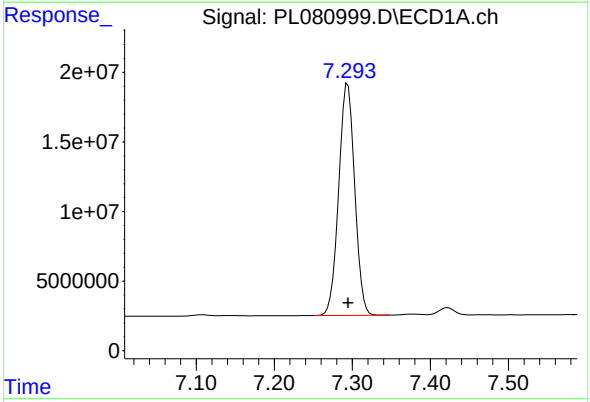
R.T.: 6.920 min
Delta R.T.: -0.023 min
Response: 390874
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



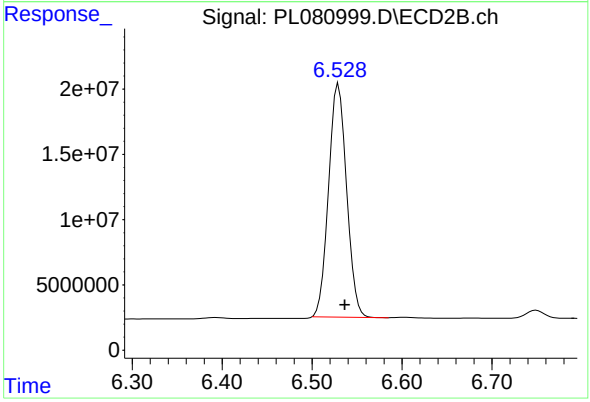
#19 Endosulfan Sulfate

R.T.: 6.241 min
Delta R.T.: -0.011 min
Response: 287624
Conc: 0.12 ng/ml



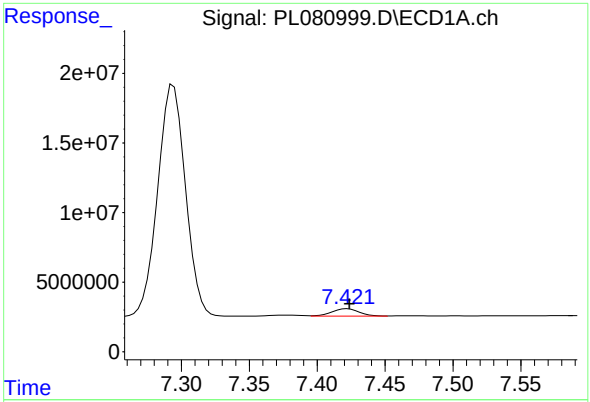
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 236938731
Conc: 214.76 ng/ml



#20 Methoxychlor

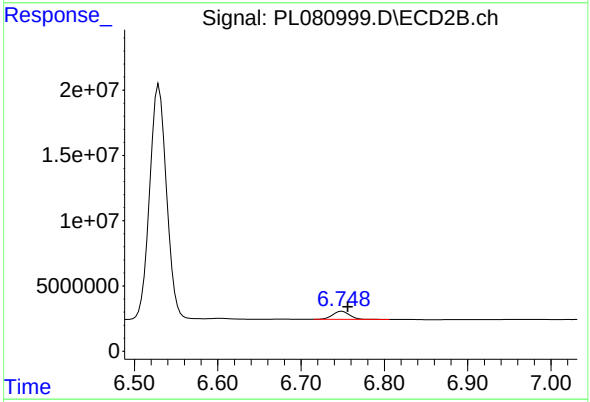
R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 249234865
Conc: 205.39 ng/ml



#21 Endrin ketone

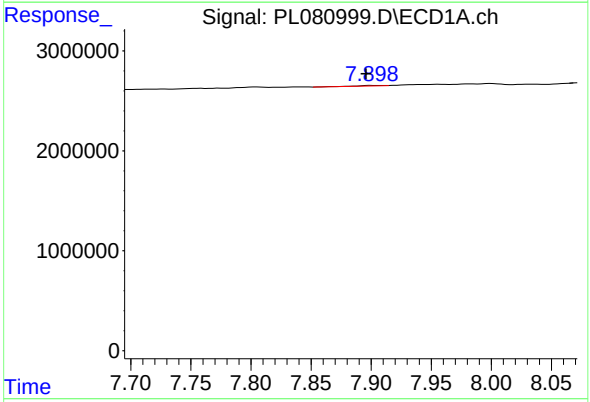
R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 7488276
Conc: 3.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



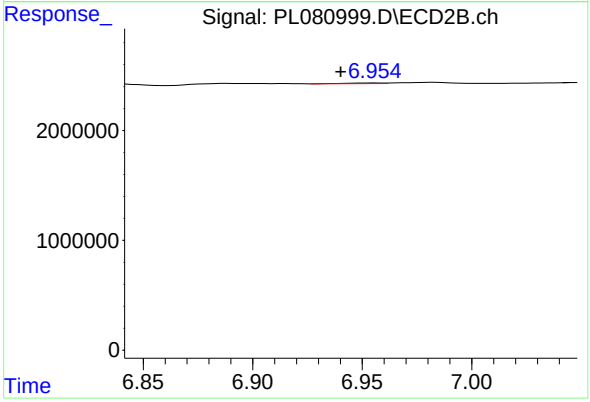
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 8614340
Conc: 3.37 ng/ml



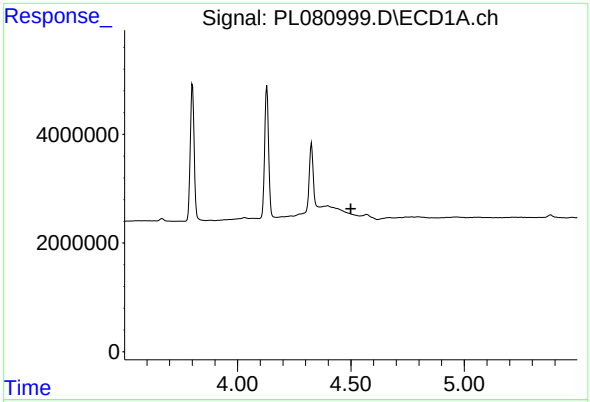
#22 Mirex

R.T.: 7.900 min
Delta R.T.: 0.004 min
Response: 60534
Conc: 0.04 ng/ml



#22 Mirex

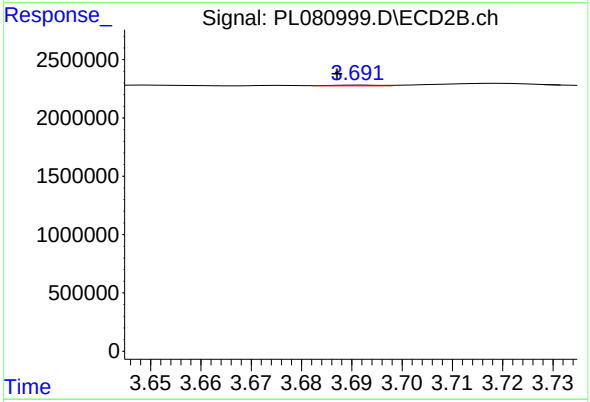
R.T.: 6.956 min
Delta R.T.: 0.016 min
Response: 74528
Conc: 0.03 ng/ml



#23 Chlordane-1

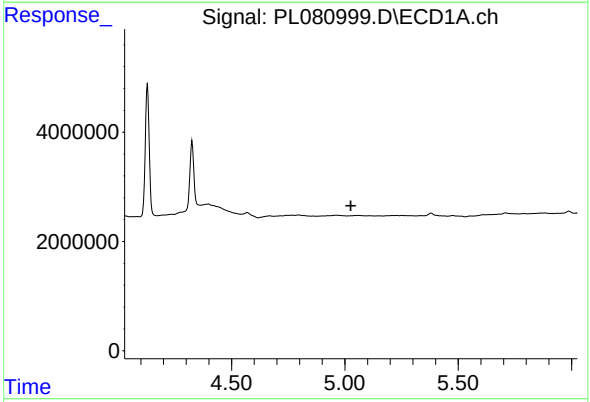
R.T.: 0.000 min
Exp R.T. : 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



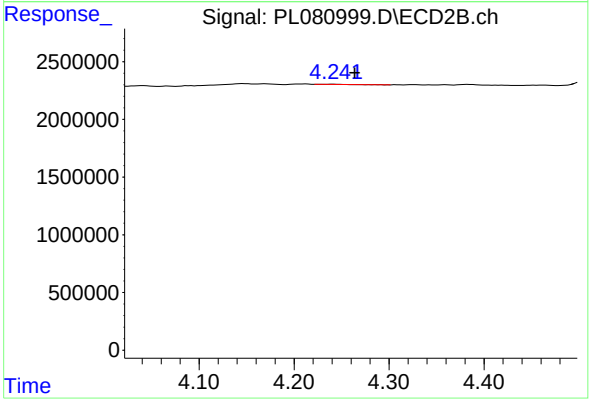
#23 Chlordane-1

R.T.: 3.692 min
Delta R.T.: 0.005 min
Response: 37067
Conc: 0.46 ng/ml



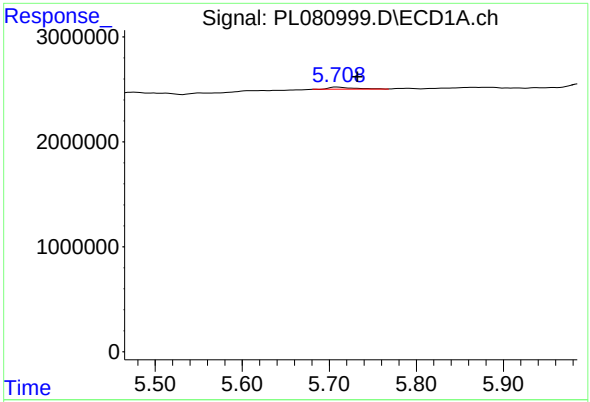
#24 Chlordane-2

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



#24 Chlordane-2

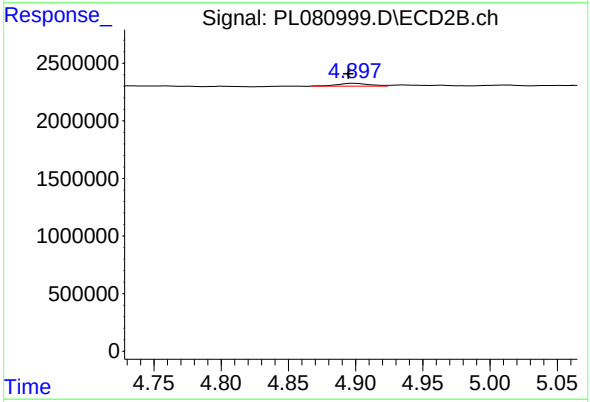
R.T.: 4.243 min
Delta R.T.: -0.021 min
Response: 22680
Conc: 0.25 ng/ml



#25 Chlordane-3

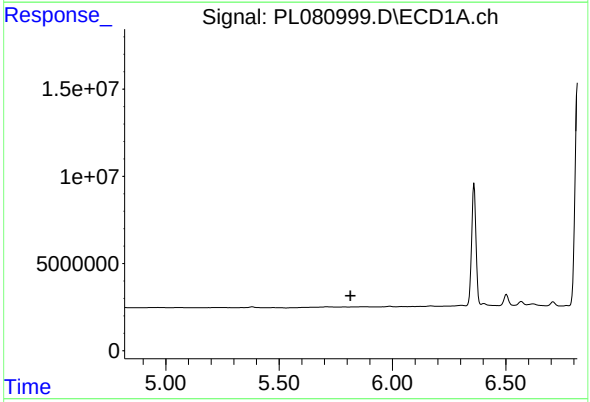
R.T.: 5.709 min
Delta R.T.: -0.023 min
Response: 374582
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



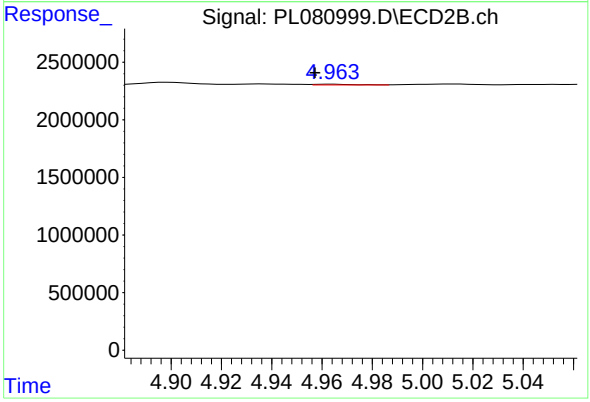
#25 Chlordane-3

R.T.: 4.899 min
Delta R.T.: 0.004 min
Response: 407680
Conc: 1.55 ng/ml



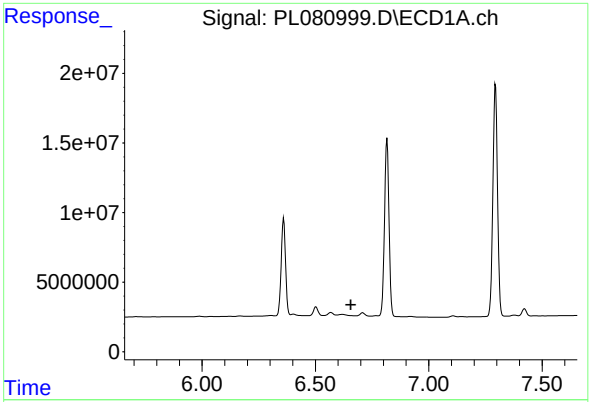
#26 Chlordane-4

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



#26 Chlordane-4

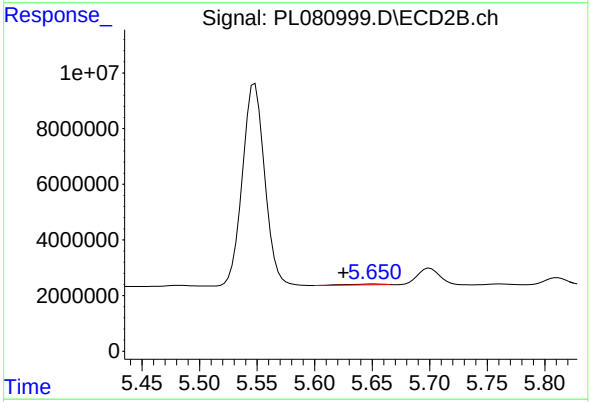
R.T.: 4.964 min
Delta R.T.: 0.007 min
Response: 61680
Conc: 0.23 ng/ml



#27 Chlordane-5

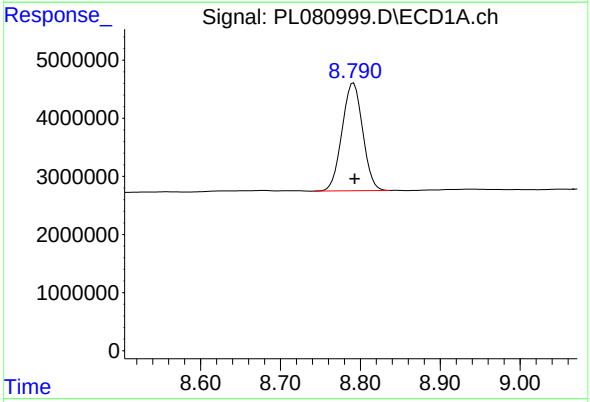
R.T.: 0.000 min
Exp R.T. : 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



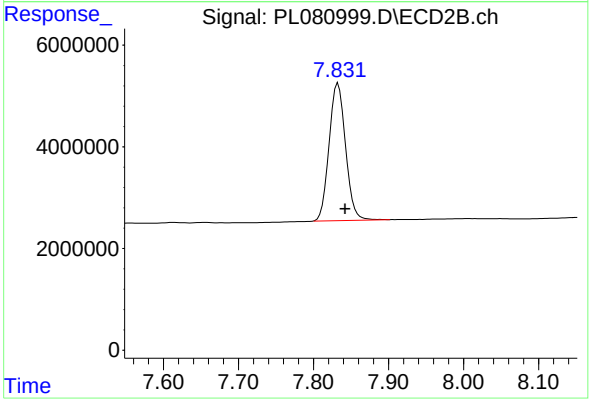
#27 Chlordane-5

R.T.: 5.651 min
Delta R.T.: 0.026 min
Response: 625322
Conc: 8.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.002 min
Response: 33299302
Conc: 19.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 41215971
Conc: 17.30 ng/ml