Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021023\
Data File : PL080829.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2023 09:23
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 11:03:14 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	43815650	42667521	20.428	19.426	
28)	SA Decachlor...	8.791	7.835	35621824	42152560	20.347	17.692	
	Target Compounds							
2)	A alpha-BHC	3.800	3.189	29962026	27168690	9.458	8.543	
3)	MA gamma-BHC...	4.129	3.517	28813410	26098159	9.801	8.736	
4)	MA Heptachlor	0.000	3.875	0	62977	N.D.	0.020	#
5)	MB Aldrin	0.000	4.148	0	426524	N.D.	0.145	#
6)	B beta-BHC	4.326	3.813	14403152	13376125	10.552	10.022	
7)	B delta-BHC	4.570	4.041	1432641	39397	0.495	0.014	#
8)	B Heptachlo...	0.000	4.645	0	49602	N.D.	0.018	#
9)	A Endosulfan I	0.000	5.010	0	92509	N.D.	0.036	#
10)	B gamma-Chl...	0.000	4.901	0	83998	N.D.	0.030	#
11)	B alpha-Chl...	0.000	4.935f	0	216691	N.D.	0.076	#
12)	B 4,4'-DDE	5.990	5.148	244812	223736	0.110	0.095	
13)	MA Dieldrin	0.000	5.279	0	11532	N.D.	0.004	#
14)	MA Endrin	6.360	5.548	97074902	100.1E6	44.886	43.129	
15)	B Endosulfa...	6.568	5.866f	2866229	-1269151	1.250	N.D.	#
16)	A 4,4'-DDD	6.502	5.701	2458995	1992747	1.342	1.060	
17)	MA 4,4'-DDT	6.816	5.953	195.2E6	198.9E6	93.944	94.644	
18)	B Endrin al...	6.708	6.024	2319932	4268349	1.395	2.337	#
19)	B Endosulfa...	0.000	6.239	0	270429	N.D.	0.116	#
20)	A Methoxychlor	7.294	6.531	256.9E6	255.5E6	232.842	210.531	
21)	B Endrin ke...	7.422	6.750	5915426	6586590	2.681	2.580	
23)	Chlordane-1	0.000	3.688	0	29974	N.D.	0.368	#
24)	Chlordane-2	0.000	4.259	0	18407	N.D.	0.204	#
25)	Chlordane-3	0.000	4.901	0	83998	N.D.	0.318	#
26)	Chlordane-4	0.000	4.935f	0	216691	N.D.	0.805	#
27)	Chlordane-5	0.000	5.653f	0	359215	N.D.	5.048	#

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

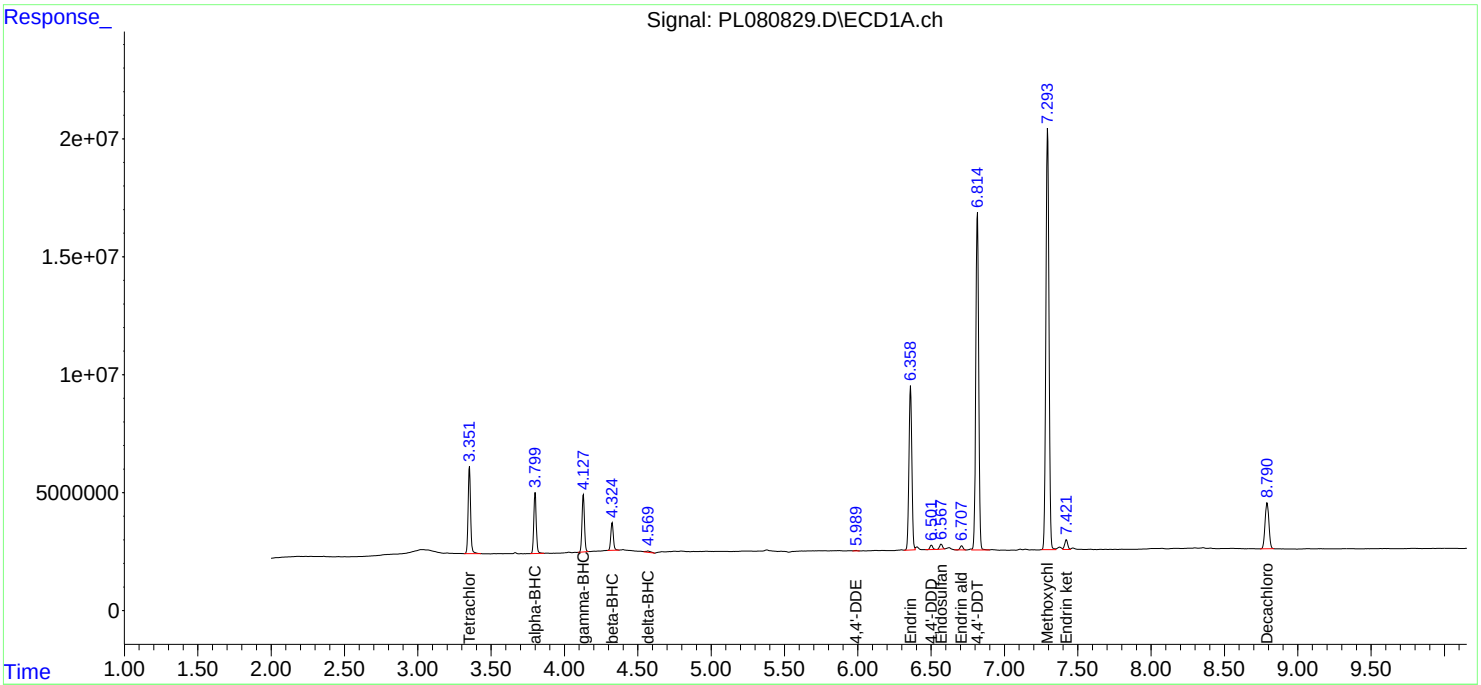
Quantitation Report (Not Reviewed)

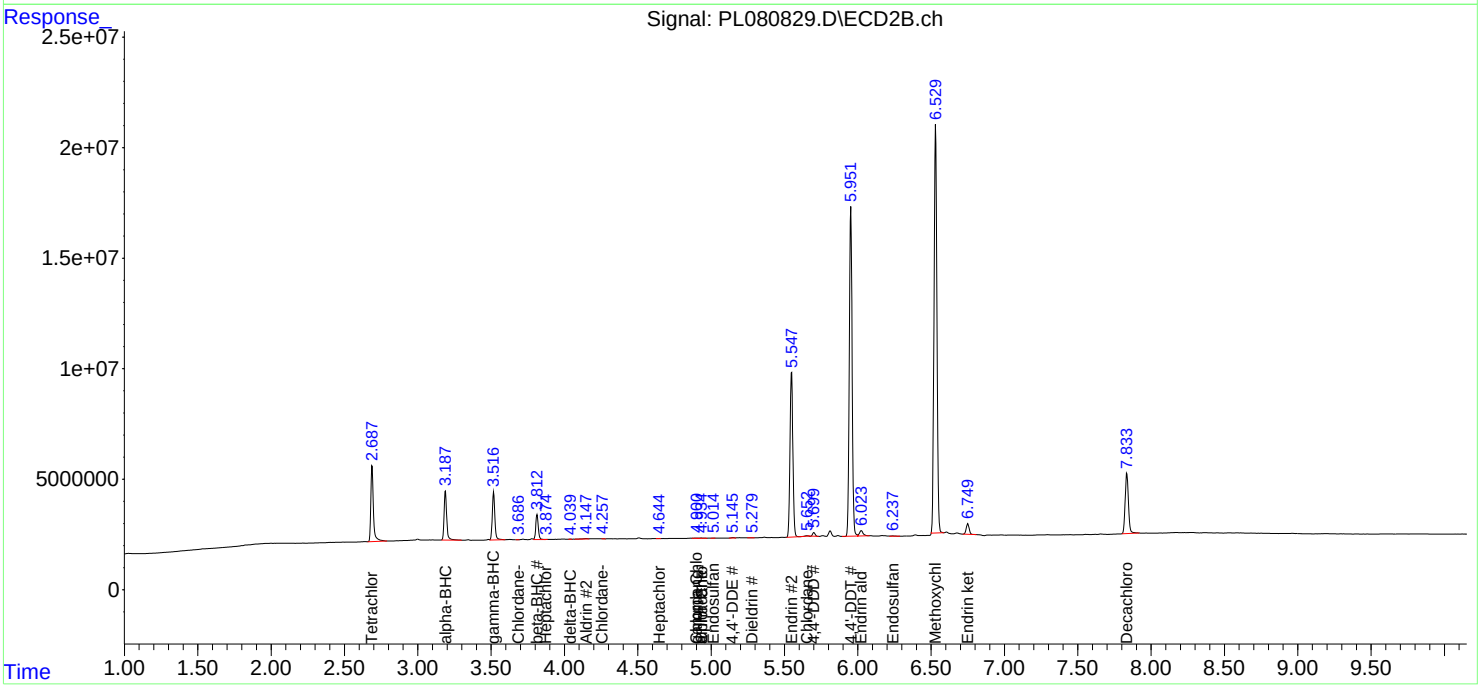
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021023\
Data File : PL080829.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2023 09:23
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

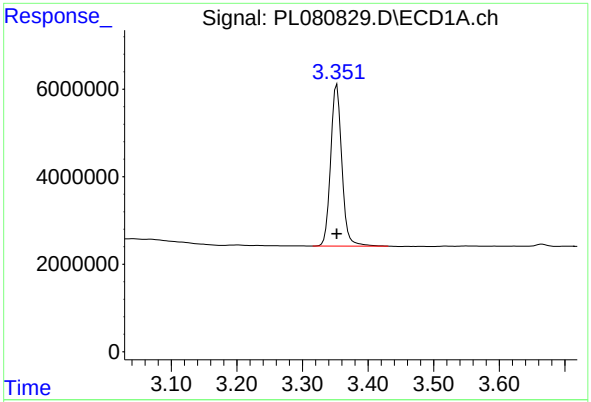
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 11:03:14 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



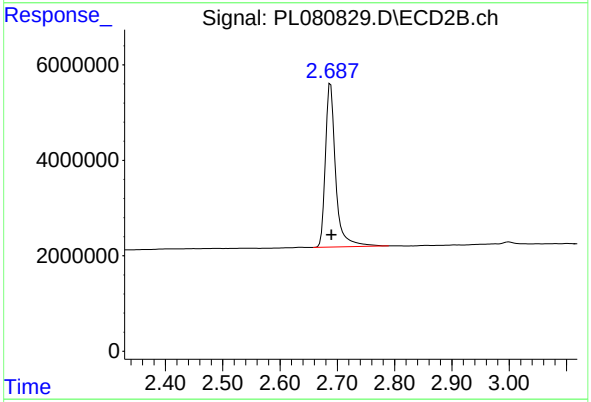




#1 Tetrachloro-m-xylene

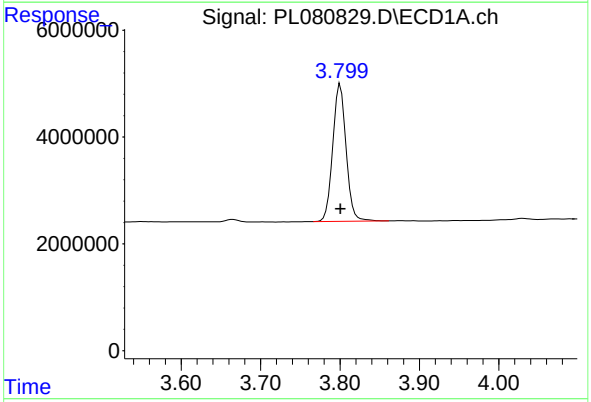
R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 43815650
Conc: 20.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



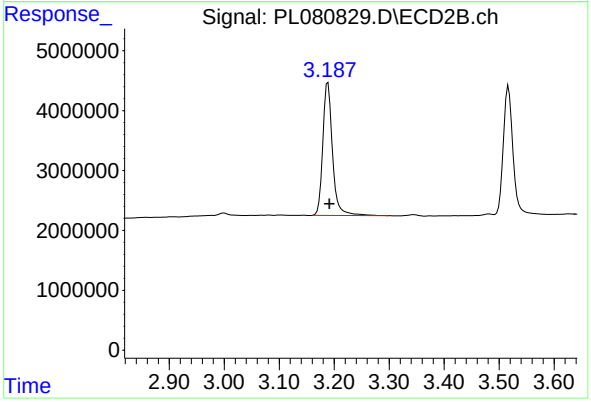
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 42667521
Conc: 19.43 ng/ml



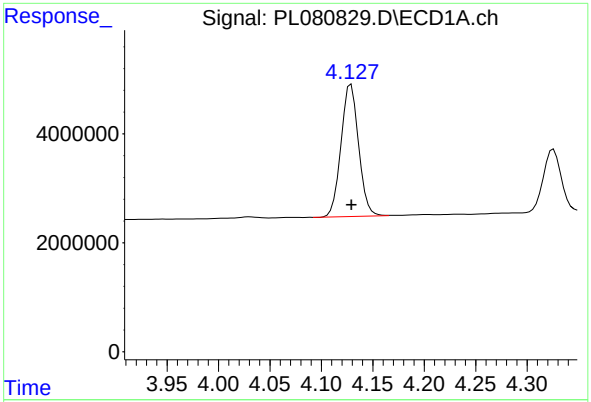
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 29962026
Conc: 9.46 ng/ml



#2 alpha-BHC

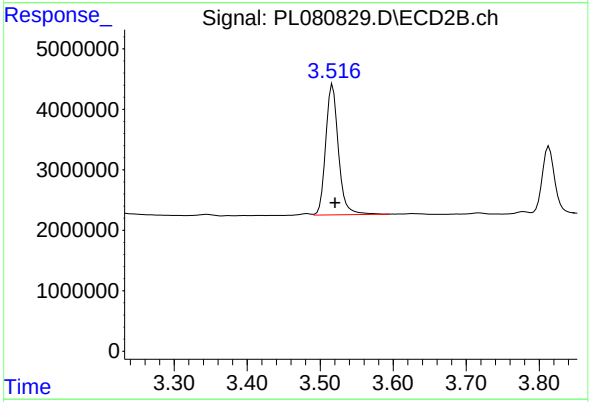
R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 27168690
Conc: 8.54 ng/ml



#3 gamma-BHC (Lindane)

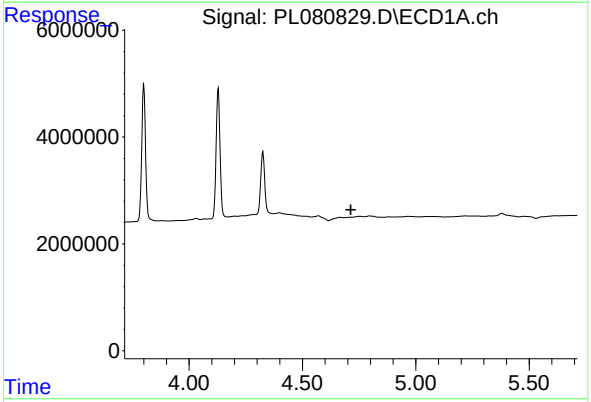
R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 28813410
Conc: 9.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



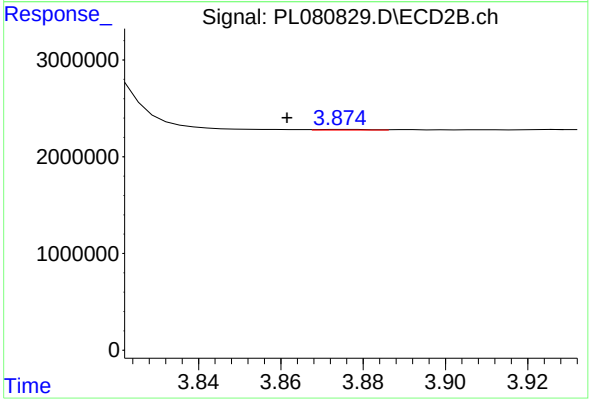
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 26098159
Conc: 8.74 ng/ml



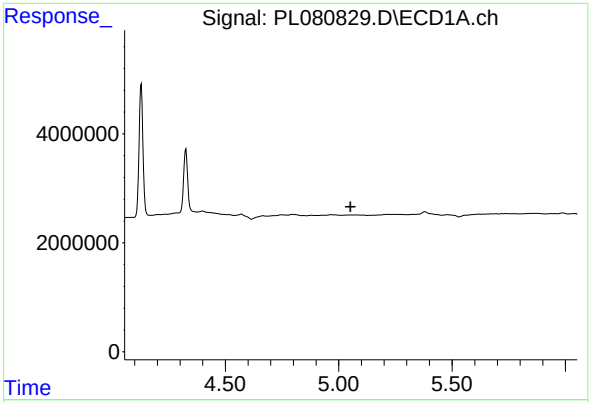
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.713 min
Response: 0
Conc: N.D.



#4 Heptachlor

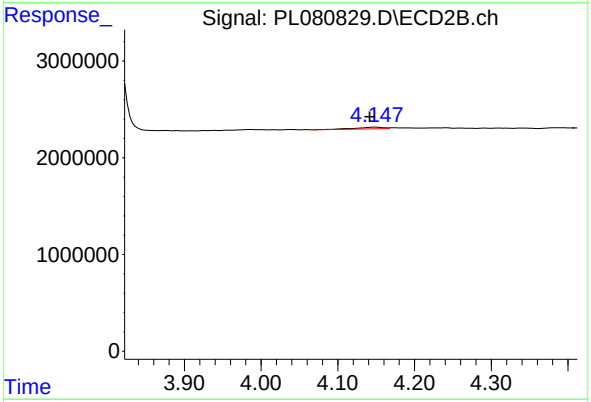
R.T.: 3.875 min
Delta R.T.: 0.014 min
Response: 62977
Conc: 0.02 ng/ml



#5 Aldrin

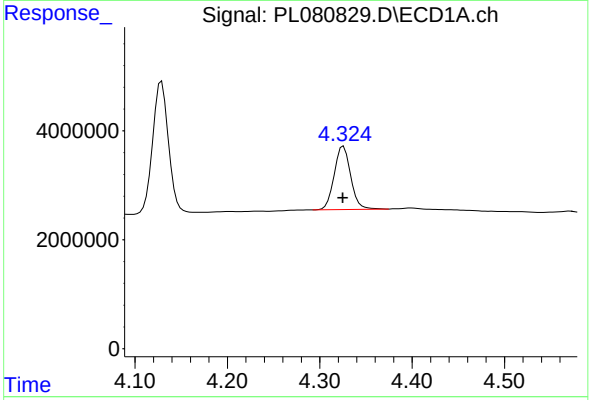
R.T.: 0.000 min
Exp R.T. : 5.052 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



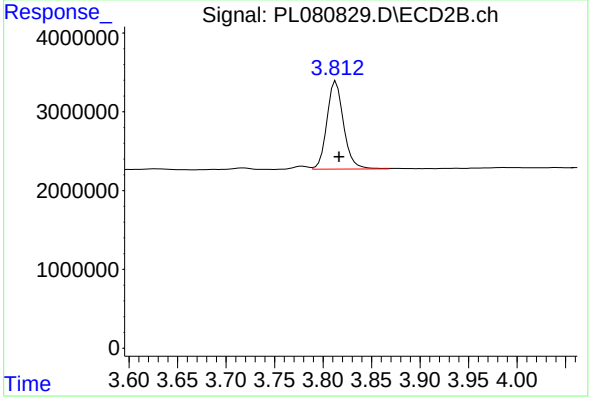
#5 Aldrin

R.T.: 4.148 min
Delta R.T.: 0.007 min
Response: 426524
Conc: 0.14 ng/ml



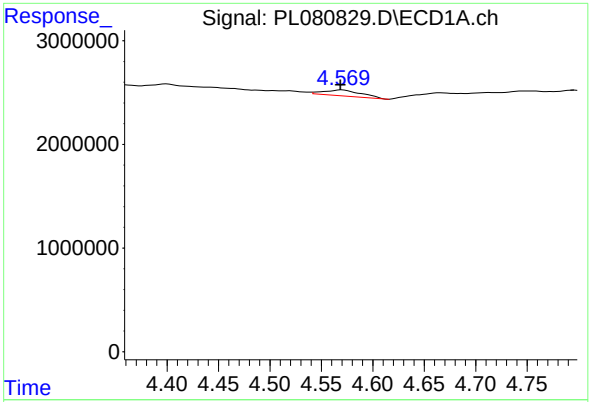
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 14403152
Conc: 10.55 ng/ml



#6 beta-BHC

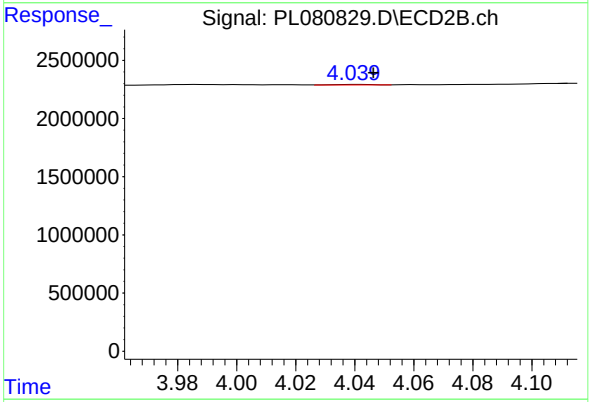
R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 13376125
Conc: 10.02 ng/ml



#7 delta-BHC

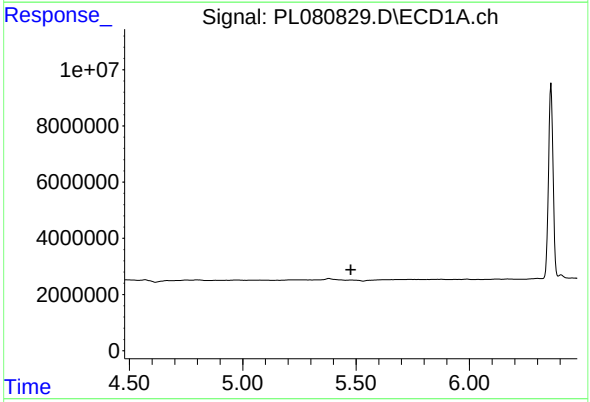
R.T.: 4.570 min
Delta R.T.: 0.002 min
Response: 1432641
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



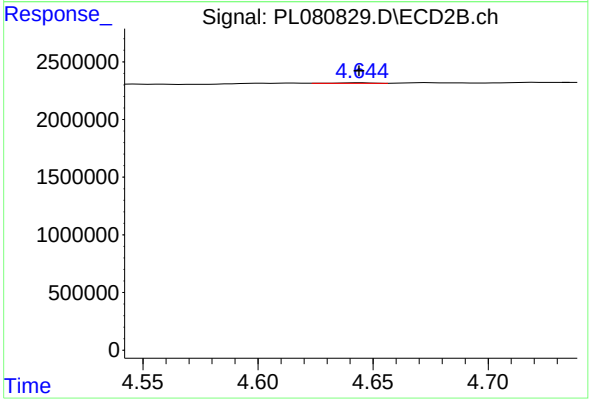
#7 delta-BHC

R.T.: 4.041 min
Delta R.T.: -0.006 min
Response: 39397
Conc: 0.01 ng/ml



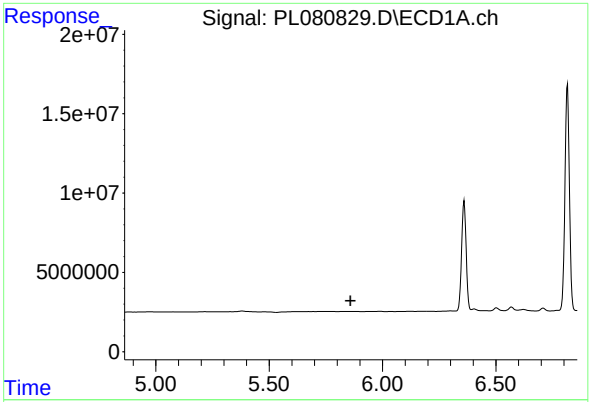
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

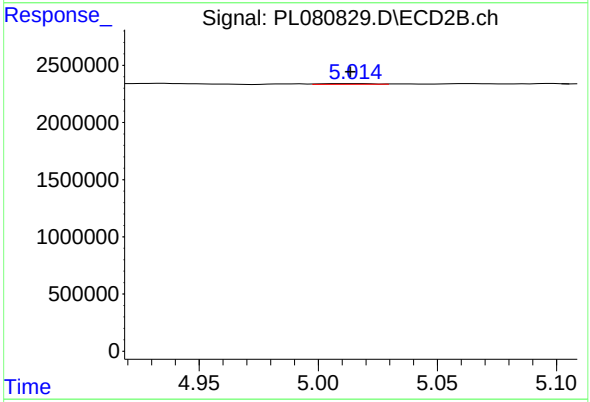
R.T.: 4.645 min
Delta R.T.: 0.001 min
Response: 49602
Conc: 0.02 ng/ml



#9 Endosulfan I

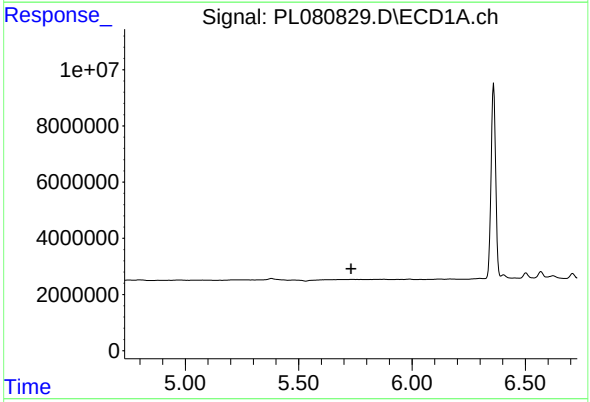
R.T.: 0.000 min
Exp R.T. : 5.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



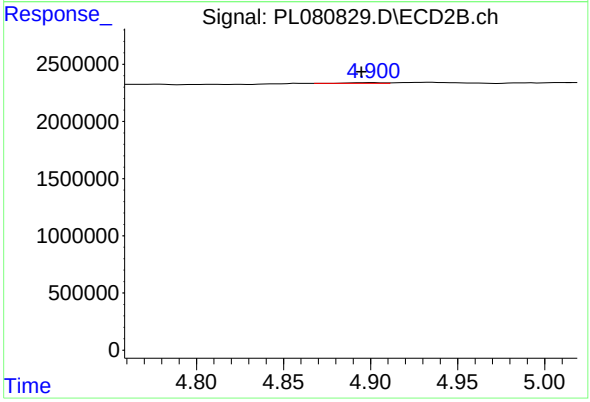
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.003 min
Response: 92509
Conc: 0.04 ng/ml



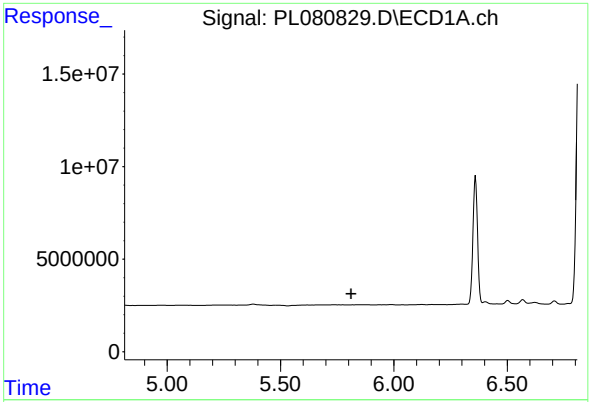
#10 gamma-Chlordane

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



#10 gamma-Chlordane

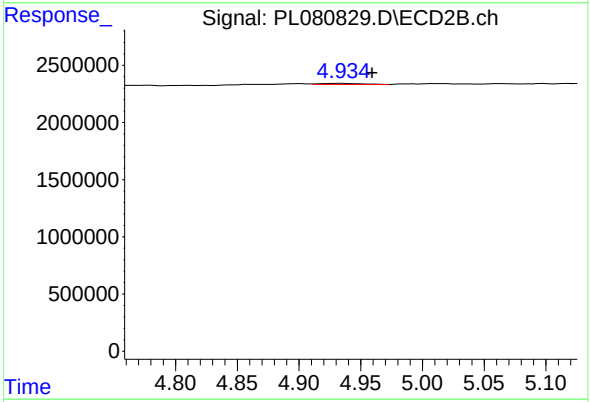
R.T.: 4.901 min
Delta R.T.: 0.006 min
Response: 83998
Conc: 0.03 ng/ml



#11 alpha-Chlordane

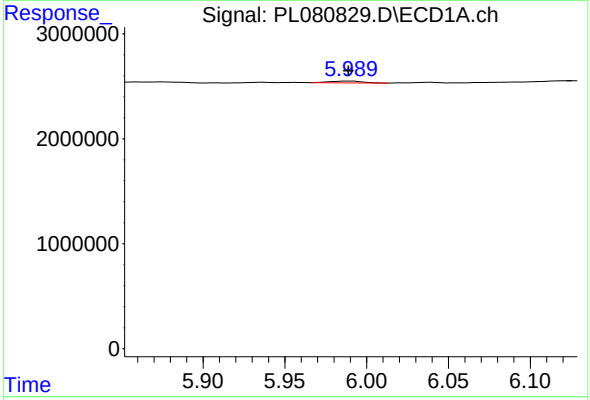
R.T.: 0.000 min
Exp R.T. : 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



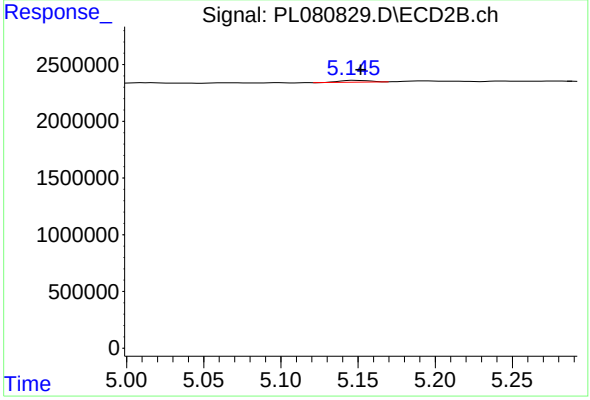
#11 alpha-Chlordane

R.T.: 4.935 min
Delta R.T.: -0.024 min
Response: 216691
Conc: 0.08 ng/ml



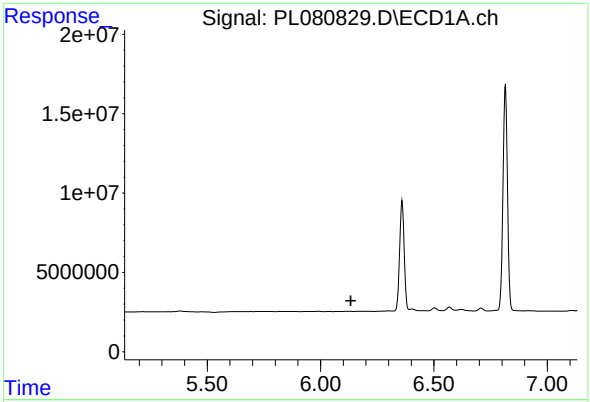
#12 4,4'-DDE

R.T.: 5.990 min
Delta R.T.: 0.001 min
Response: 244812
Conc: 0.11 ng/ml



#12 4,4'-DDE

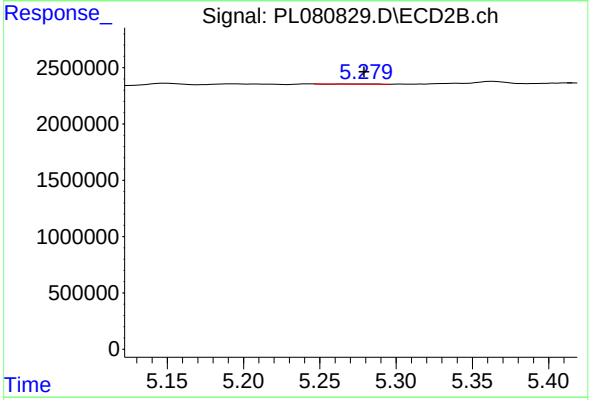
R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 223736
Conc: 0.09 ng/ml



#13 Dieldrin

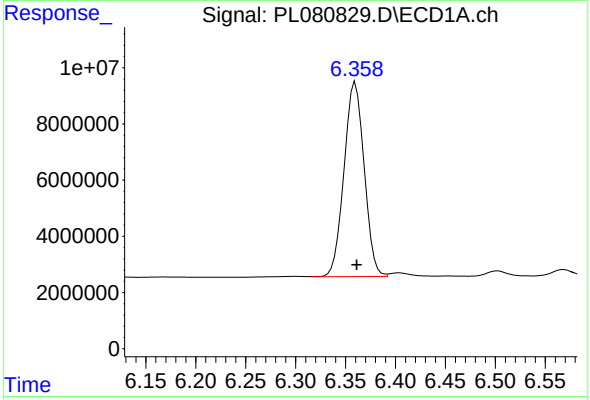
R.T.: 0.000 min
Exp R.T. : 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



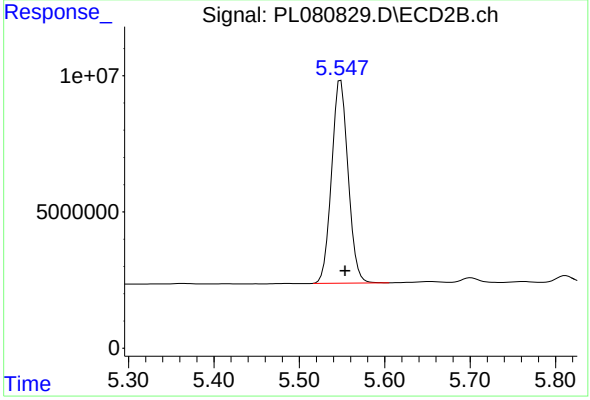
#13 Dieldrin

R.T.: 5.279 min
Delta R.T.: 0.000 min
Response: 11532
Conc: 0.00 ng/ml



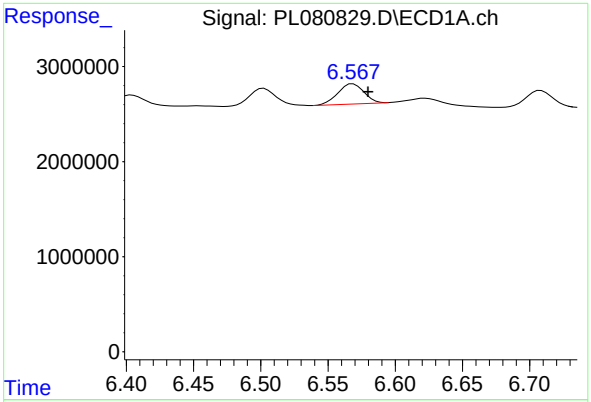
#14 Endrin

R.T.: 6.360 min
Delta R.T.: -0.001 min
Response: 97074902
Conc: 44.89 ng/ml



#14 Endrin

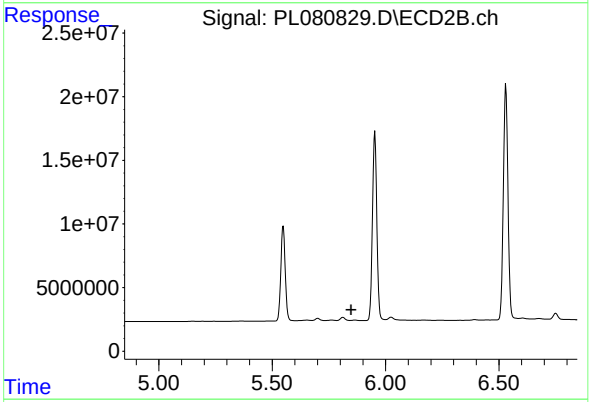
R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 100108363
Conc: 43.13 ng/ml



#15 Endosulfan II

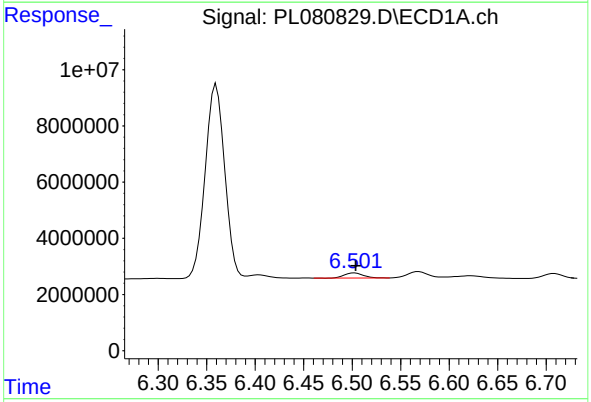
R.T.: 6.568 min
Delta R.T.: -0.011 min
Response: 2866229
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



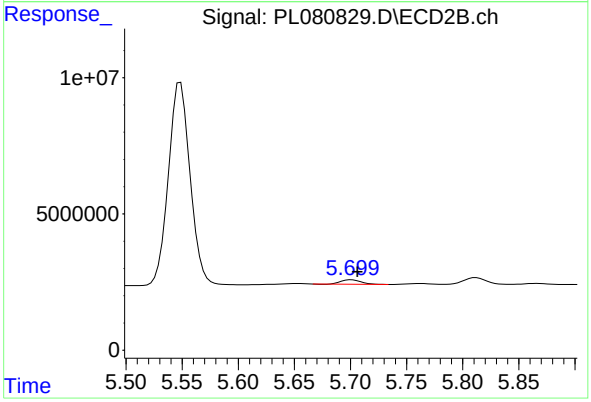
#15 Endosulfan II

R.T.: 5.866 min
Delta R.T.: 0.018 min
Response: -1269151
Conc: N.D.



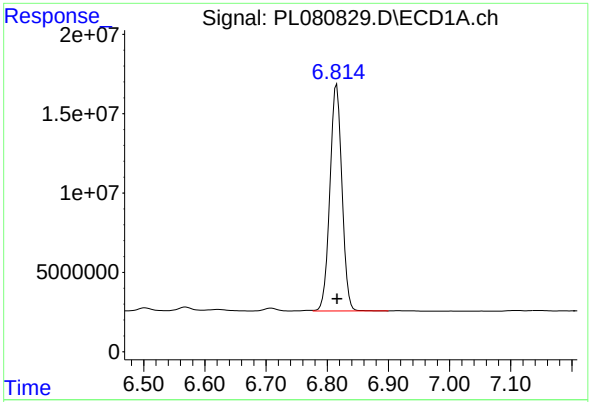
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 2458995
Conc: 1.34 ng/ml



#16 4,4'-DDD

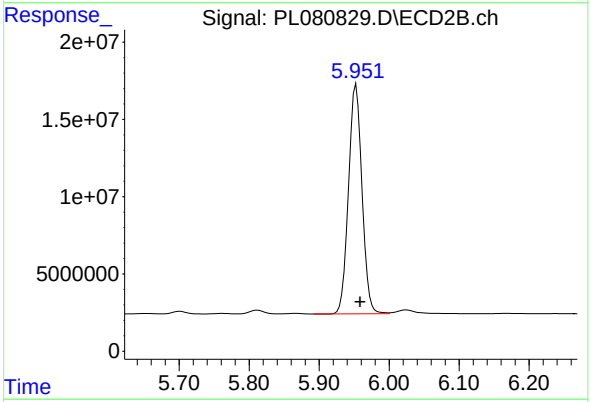
R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 1992747
Conc: 1.06 ng/ml



#17 4,4'-DDT

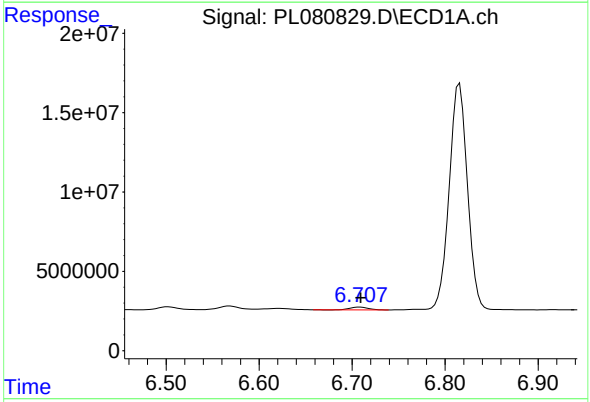
R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 195183365
Conc: 93.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



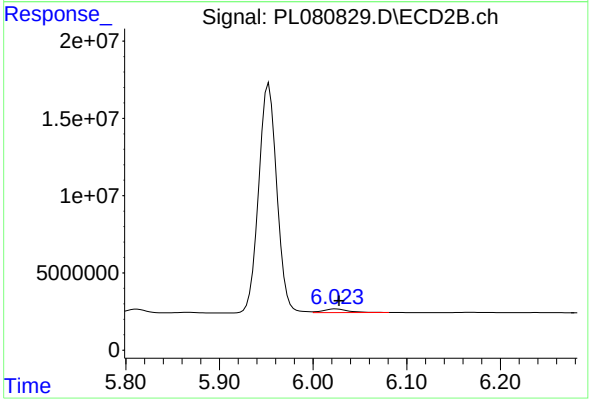
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.006 min
Response: 198891937
Conc: 94.64 ng/ml



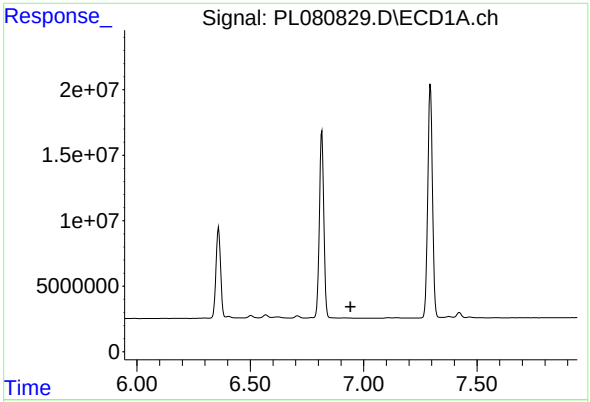
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 2319932
Conc: 1.39 ng/ml



#18 Endrin aldehyde

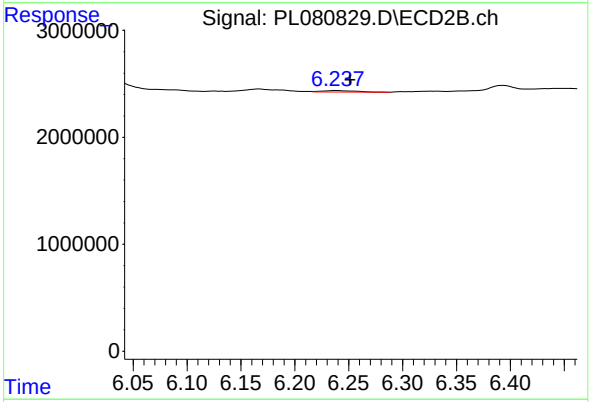
R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 4268349
Conc: 2.34 ng/ml



#19 Endosulfan Sulfate

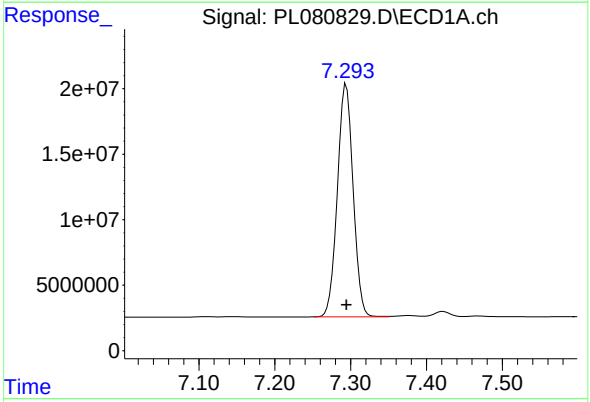
R.T.: 0.000 min
Exp R.T. : 6.943 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



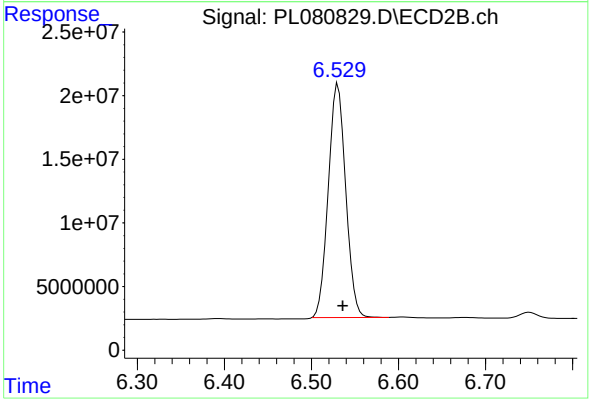
#19 Endosulfan Sulfate

R.T.: 6.239 min
Delta R.T.: -0.012 min
Response: 270429
Conc: 0.12 ng/ml



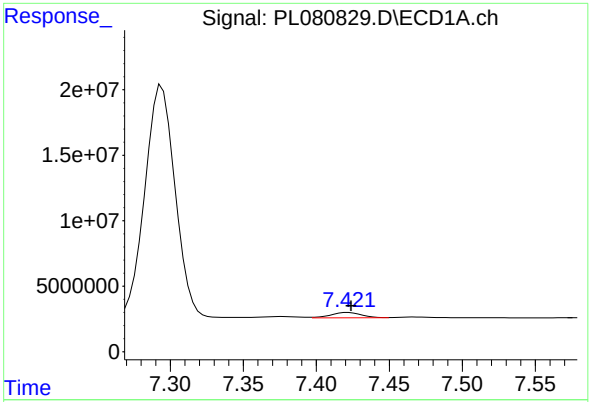
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 256892039
Conc: 232.84 ng/ml



#20 Methoxychlor

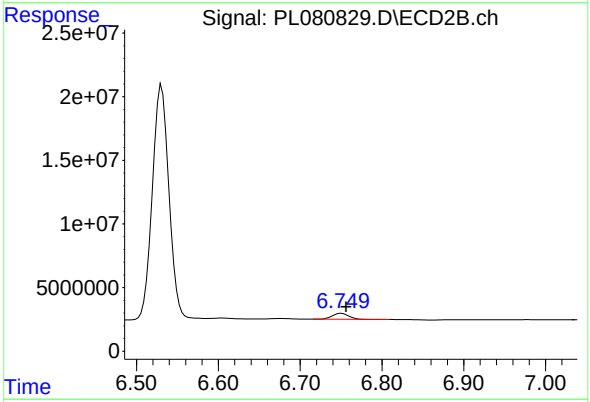
R.T.: 6.531 min
Delta R.T.: -0.006 min
Response: 255471417
Conc: 210.53 ng/ml



#21 Endrin ketone

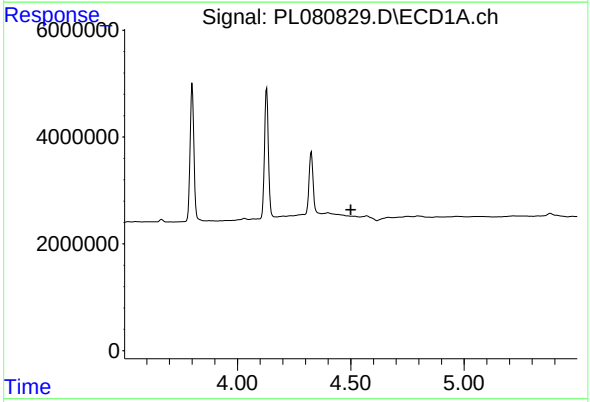
R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 5915426
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



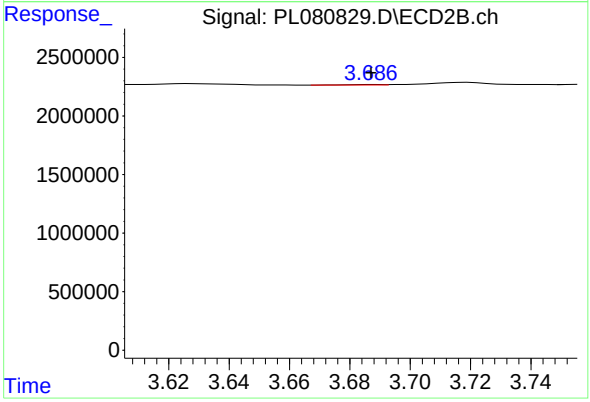
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 6586590
Conc: 2.58 ng/ml



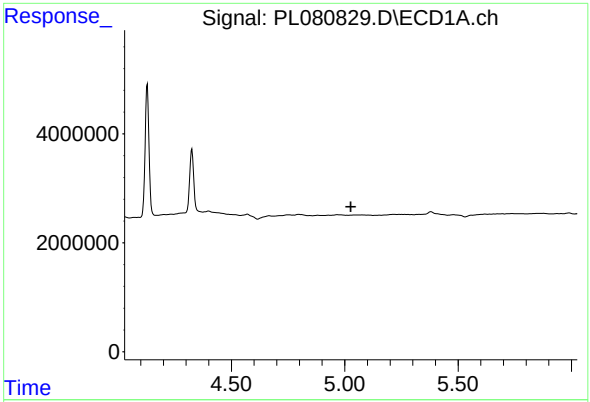
#23 Chlordane-1

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



#23 Chlordane-1

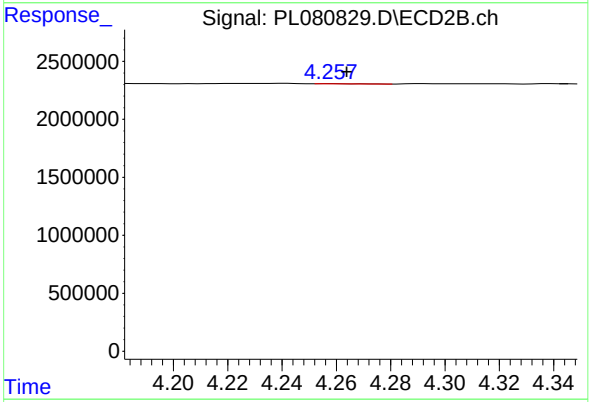
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 29974
Conc: 0.37 ng/ml



#24 Chlordane-2

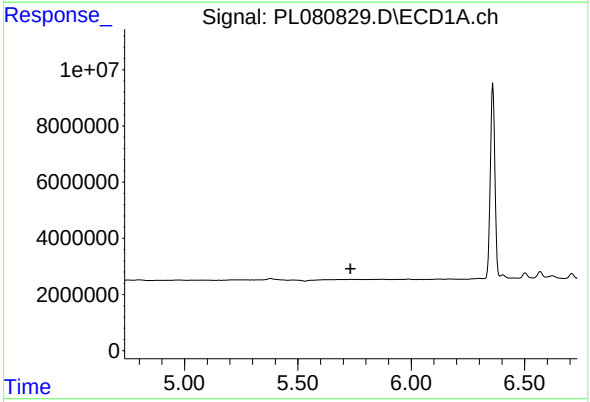
R.T.: 0.000 min
Exp R.T. : 5.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



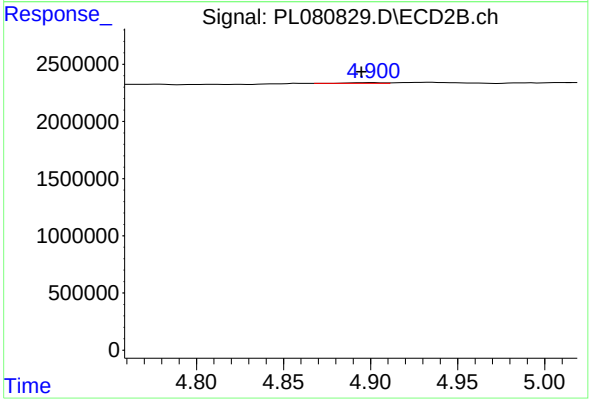
#24 Chlordane-2

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 18407
Conc: 0.20 ng/ml



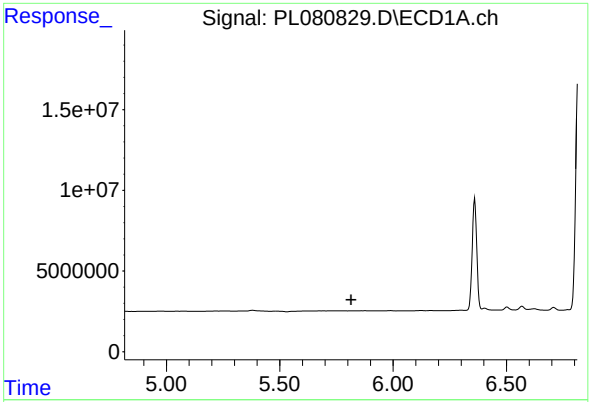
#25 Chlordane-3

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



#25 Chlordane-3

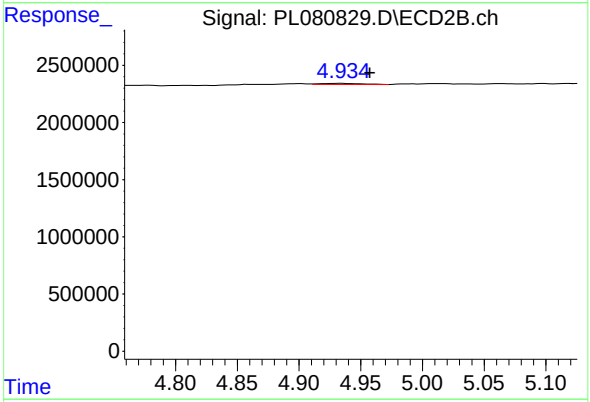
R.T.: 4.901 min
Delta R.T.: 0.006 min
Response: 83998
Conc: 0.32 ng/ml



#26 Chlordane-4

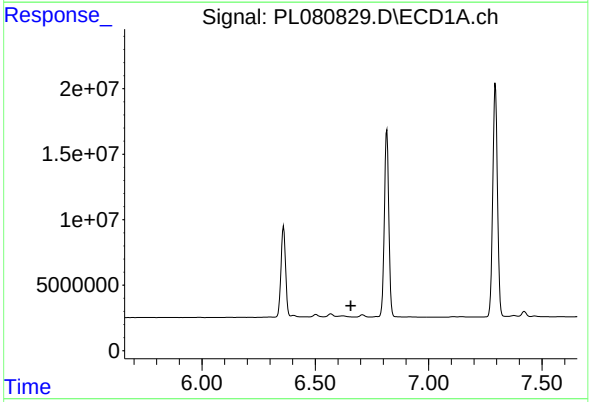
R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



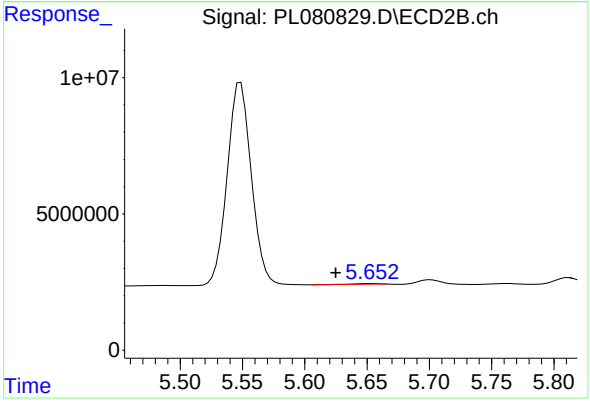
#26 Chlordane-4

R.T.: 4.935 min
Delta R.T.: -0.023 min
Response: 216691
Conc: 0.80 ng/ml



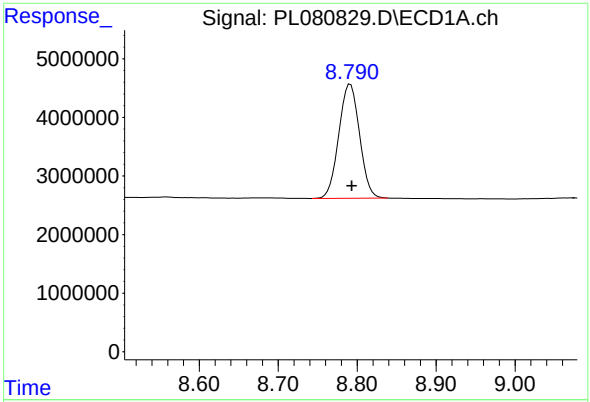
#27 Chlordane-5

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



#27 Chlordane-5

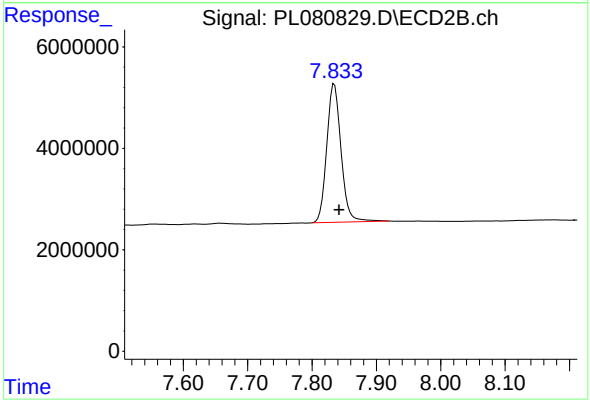
R.T.: 5.653 min
Delta R.T.: 0.028 min
Response: 359215
Conc: 5.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 35621824
Conc: 20.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 42152560
Conc: 17.69 ng/ml