

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
 Data File : PL080633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2023 16:36
 Operator : AR\AJ
 Sample : 01358-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 20:46:39 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...	3.371f	2.688	19277355	19871436	8.988	9.047
2)	SA Decachlor...	8.807	7.834	18388993	24934369	10.503	10.465
Target Compounds							
2)	A alpha-BHC	0.000	3.196	0	167497	N.D.	0.053 #
3)	MA gamma-BHC...	0.000	3.522	0	2521	N.D.	0.001 #
4)	MA Heptachlor	4.707	3.875	56228	236563	0.019	0.074 #
5)	MB Aldrin	0.000	4.157f	0	203374	N.D.	0.069 #
6)	B beta-BHC	4.313	3.826	54839	119129	0.040	0.089 #
7)	B delta-BHC	4.588f	4.057	1043518	144829	0.360	0.050 #
8)	B Heptachlo...	0.000	4.635	0	145211	N.D.	0.052 #
9)	A Endosulfan I	0.000	5.017	0	76466	N.D.	0.029 #
10)	B gamma-Chl...	5.726	4.912f	5187	65346	0.002	0.023 #
11)	B alpha-Chl...	0.000	4.934f	0	293674	N.D.	0.103 #
12)	B 4,4'-DDE	6.008f	5.147	268993	221579	0.121	0.094
13)	MA Dieldrin	0.000	5.278	0	332580	N.D.	0.123 #
14)	MA Endrin	0.000	5.561	0	65979	N.D.	0.028 #
15)	B Endosulfa...	6.583	0.000	445281	0	0.194	N.D. #
16)	A 4,4'-DDD	6.529f	0.000	342968	0	0.187	N.D. #
17)	MA 4,4'-DDT	6.804	5.946	551725	430738	0.266	0.205
18)	B Endrin al...	0.000	6.046f	0	147483	N.D.	0.081 #
19)	B Endosulfa...	0.000	6.251	0	403219	N.D.	0.173 #
21)	B Endrin ke...	7.425	6.785f	445281	356938	0.202	0.140 #
22)	Mirex	0.000	6.933	0	10944	N.D.	0.005 #
23)	Chlordane-1	0.000	3.689	0	424008	N.D.	5.207 #
25)	Chlordane-3	5.726	4.912f	5187	65346	0.015	0.248 #
26)	Chlordane-4	0.000	4.934f	0	293674	N.D.	1.091 #
27)	Chlordane-5	6.643	5.652f	808536	601902	11.480	8.459 #

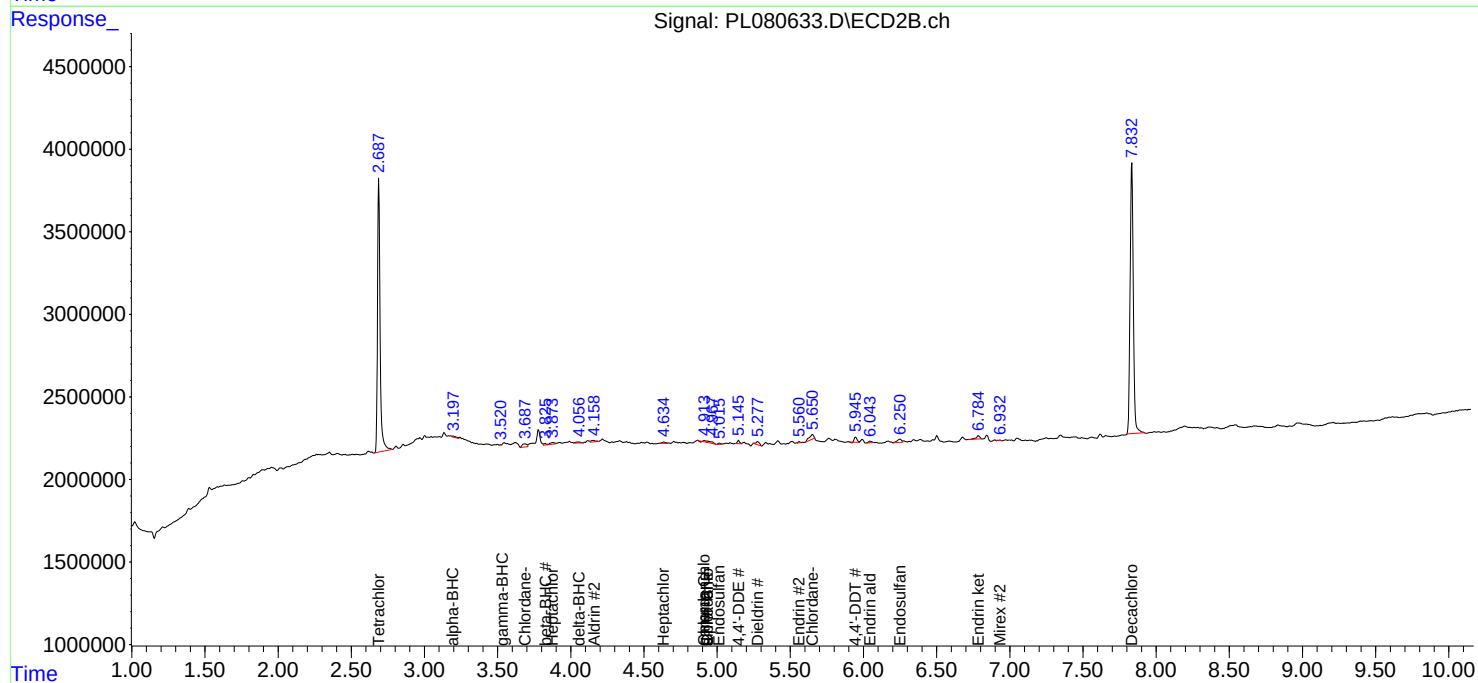
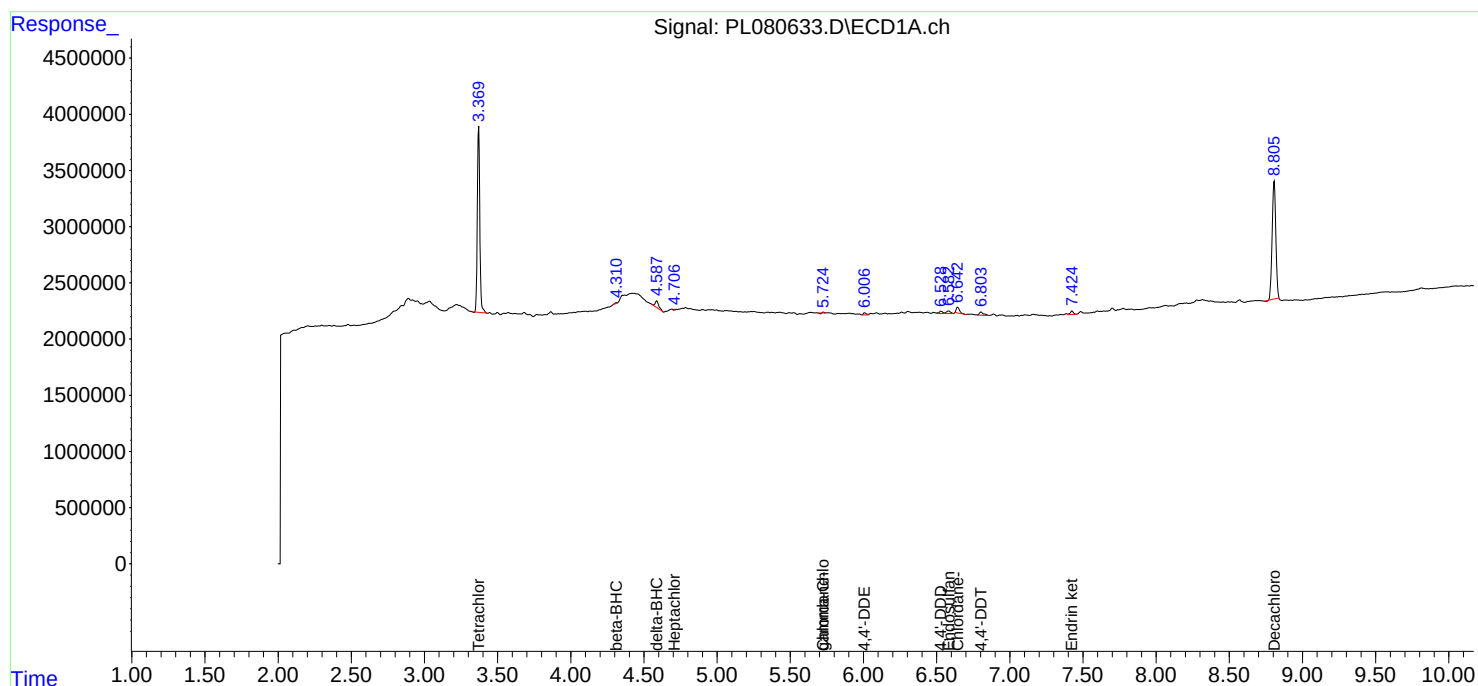
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

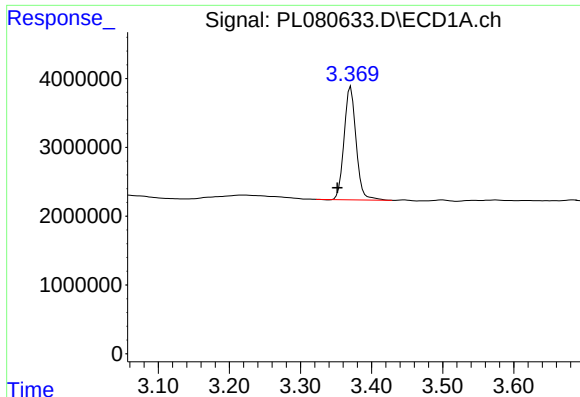
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

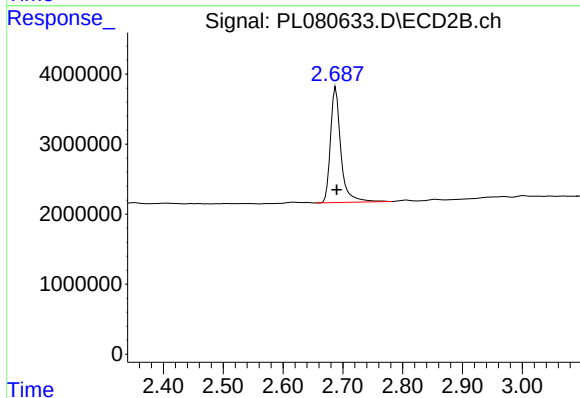




#1 Tetrachloro-m-xylene

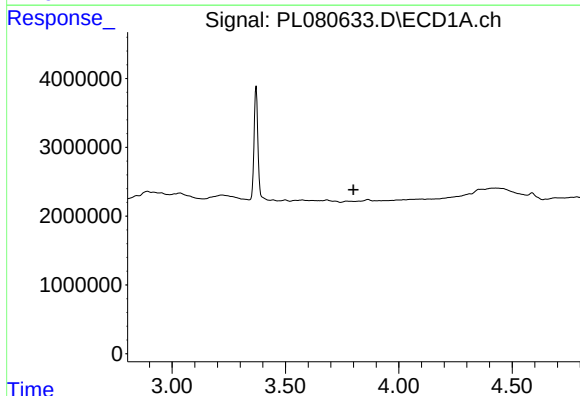
R.T.: 3.371 min
Delta R.T.: 0.019 min
Response: 19277355
Conc: 8.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



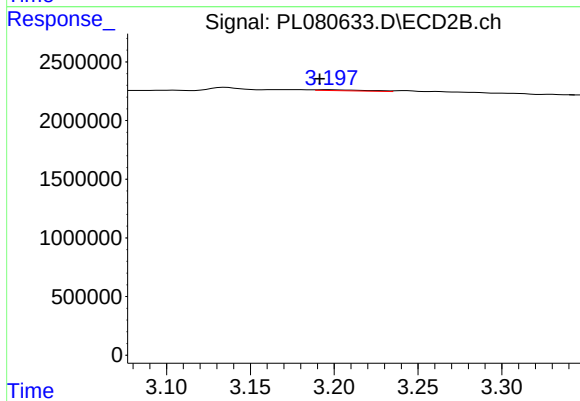
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 19871436
Conc: 9.05 ng/ml



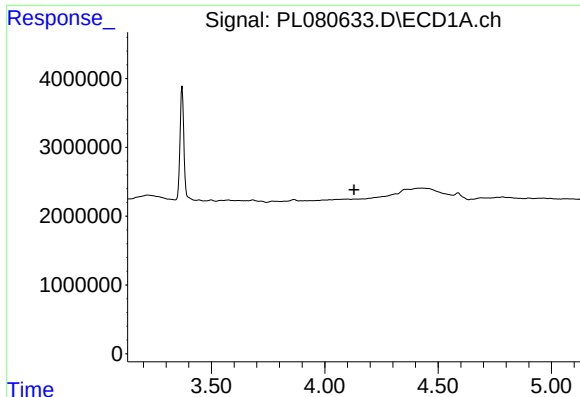
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.801 min
Response: 0
Conc: N.D.



#2 alpha-BHC

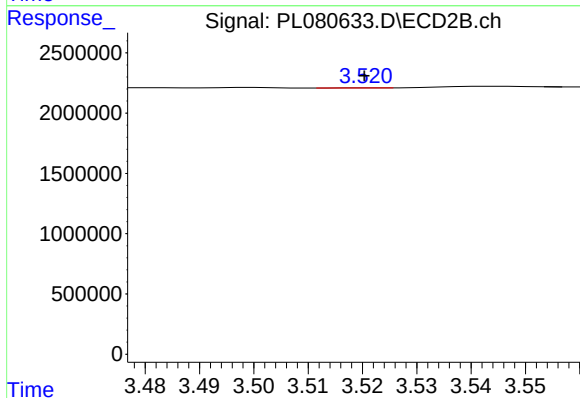
R.T.: 3.196 min
Delta R.T.: 0.005 min
Response: 167497
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

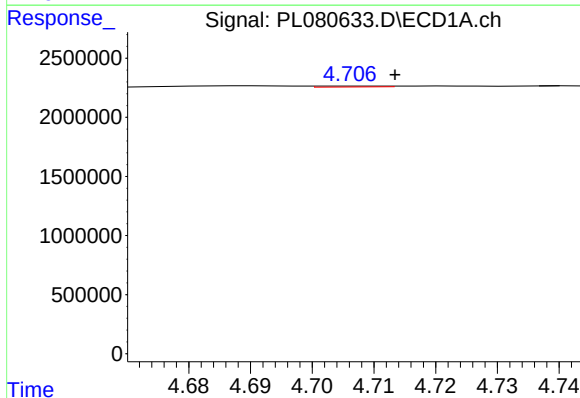
R.T.: 0.000 min
Exp R.T.: 4.129 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



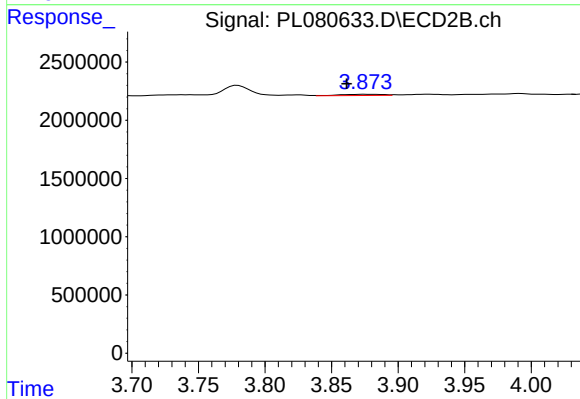
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: 0.001 min
Response: 2521
Conc: 0.00 ng/ml



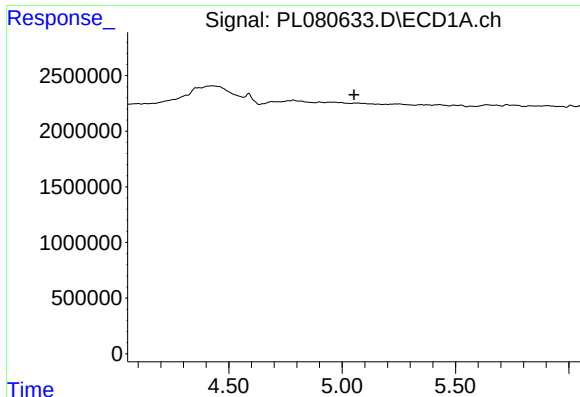
#4 Heptachlor

R.T.: 4.707 min
Delta R.T.: -0.006 min
Response: 56228
Conc: 0.02 ng/ml



#4 Heptachlor

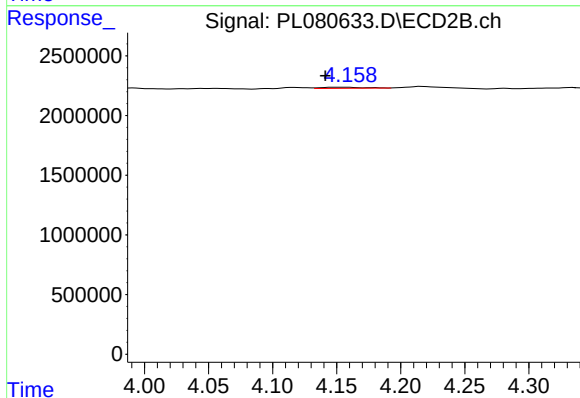
R.T.: 3.875 min
Delta R.T.: 0.013 min
Response: 236563
Conc: 0.07 ng/ml



#5 Aldrin

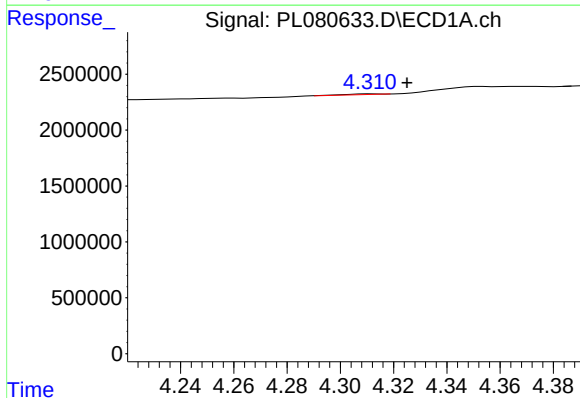
R.T.: 0.000 min
Exp R.T.: 5.052 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



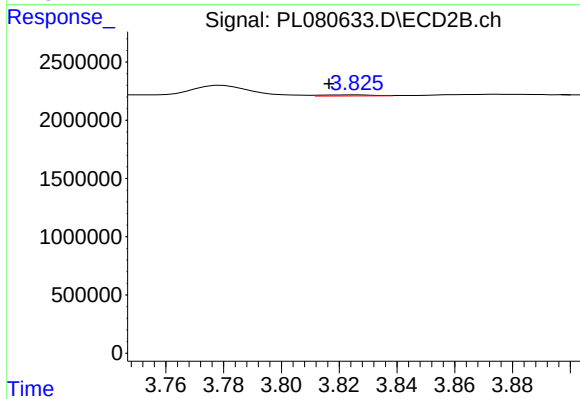
#5 Aldrin

R.T.: 4.157 min
Delta R.T.: 0.016 min
Response: 203374
Conc: 0.07 ng/ml



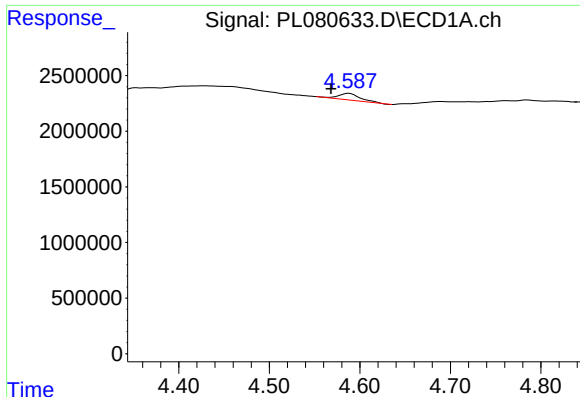
#6 beta-BHC

R.T.: 4.313 min
Delta R.T.: -0.013 min
Response: 54839
Conc: 0.04 ng/ml



#6 beta-BHC

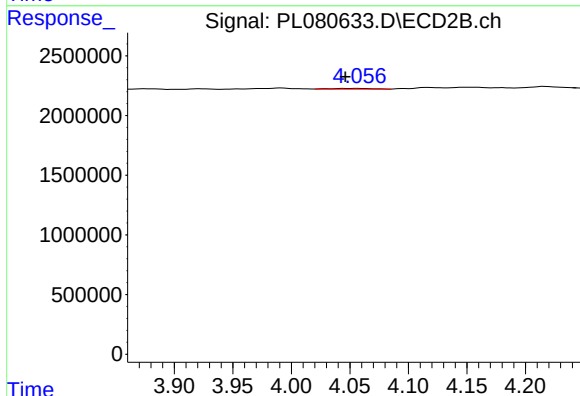
R.T.: 3.826 min
Delta R.T.: 0.010 min
Response: 119129
Conc: 0.09 ng/ml



#7 delta-BHC

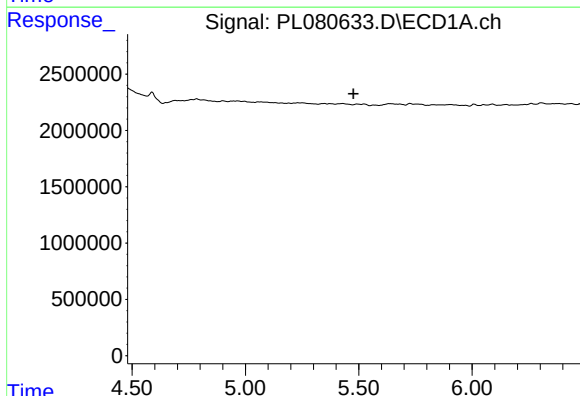
R.T.: 4.588 min
Delta R.T.: 0.020 min
Response: 1043518
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



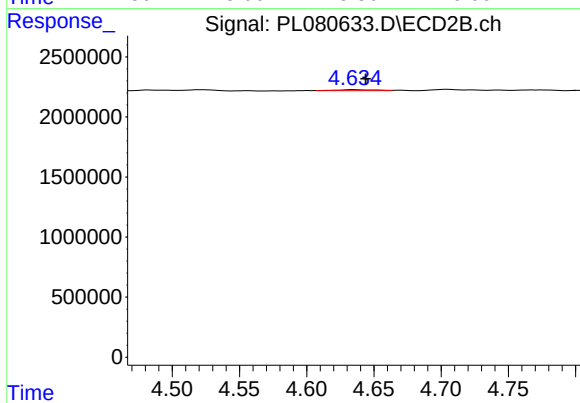
#7 delta-BHC

R.T.: 4.057 min
Delta R.T.: 0.011 min
Response: 144829
Conc: 0.05 ng/ml



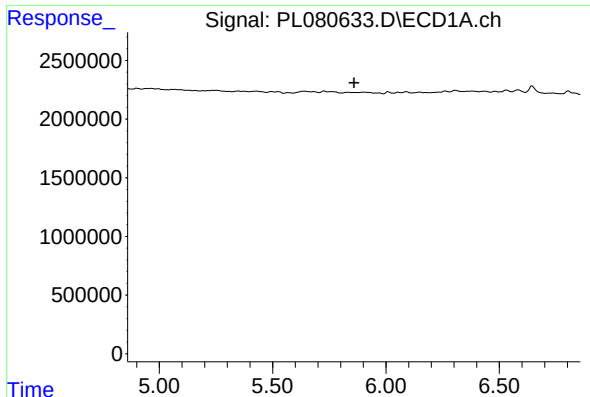
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

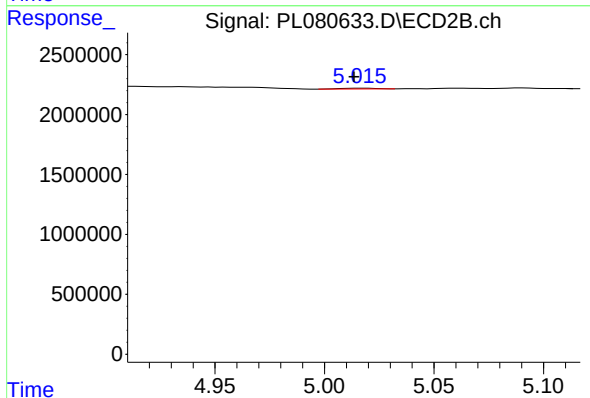
R.T.: 4.635 min
Delta R.T.: -0.009 min
Response: 145211
Conc: 0.05 ng/ml



#9 Endosulfan I

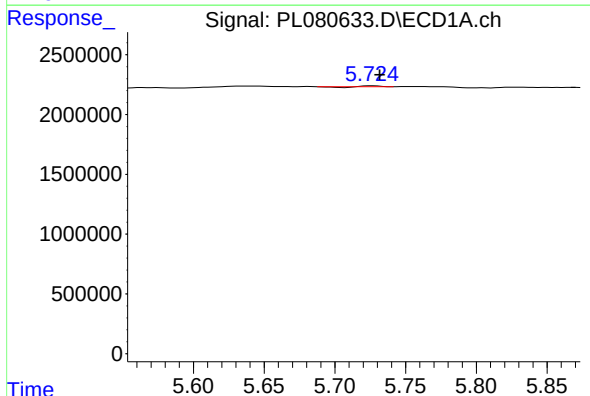
R.T.: 0.000 min
Exp R.T.: 5.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



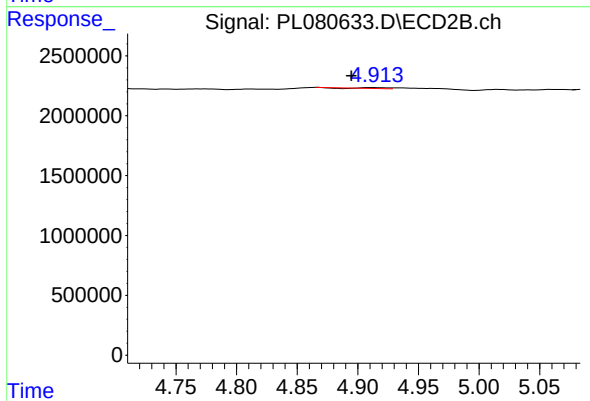
#9 Endosulfan I

R.T.: 5.017 min
Delta R.T.: 0.003 min
Response: 76466
Conc: 0.03 ng/ml



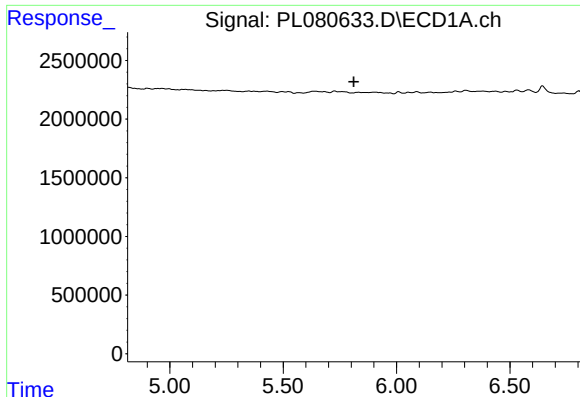
#10 gamma-Chlordane

R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 5187
Conc: 0.00 ng/ml



#10 gamma-Chlordane

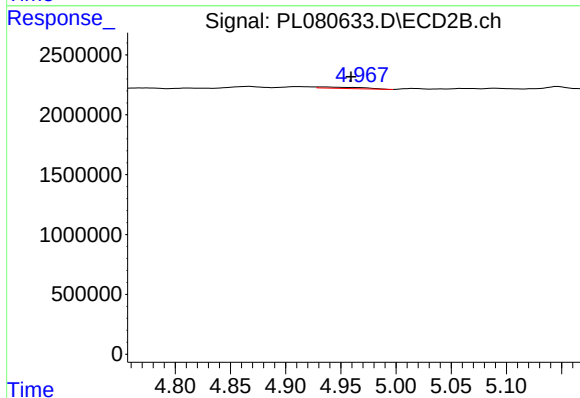
R.T.: 4.912 min
Delta R.T.: 0.017 min
Response: 65346
Conc: 0.02 ng/ml



#11 alpha-Chlordane

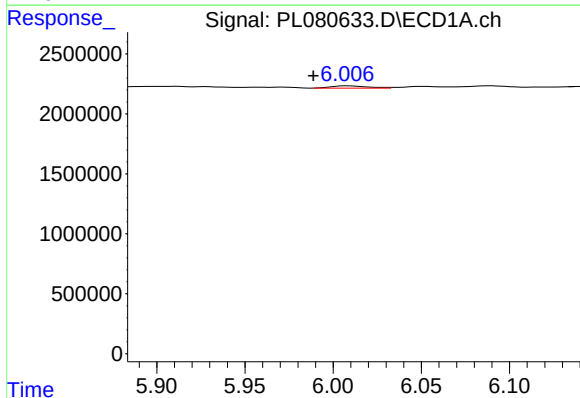
R.T.: 0.000 min
Exp R.T.: 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



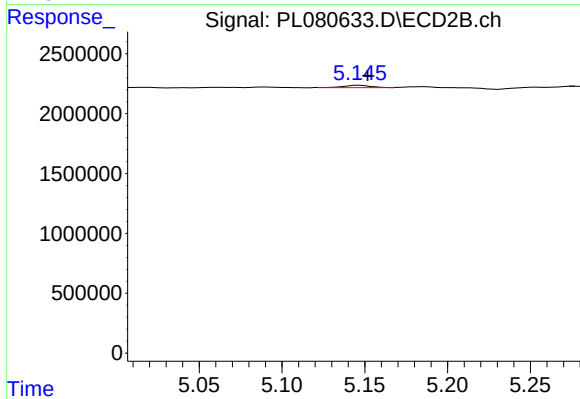
#11 alpha-Chlordane

R.T.: 4.934 min
Delta R.T.: -0.025 min
Response: 293674
Conc: 0.10 ng/ml



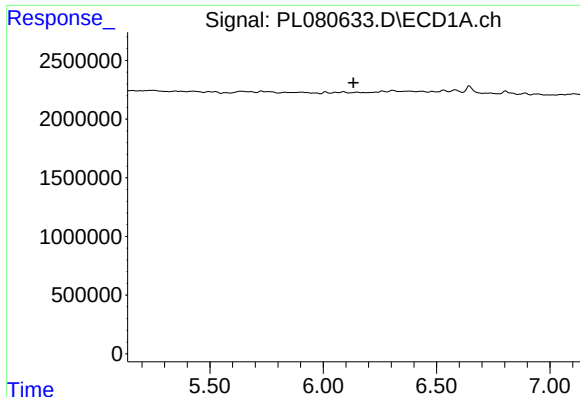
#12 4,4'-DDE

R.T.: 6.008 min
Delta R.T.: 0.019 min
Response: 268993
Conc: 0.12 ng/ml



#12 4,4'-DDE

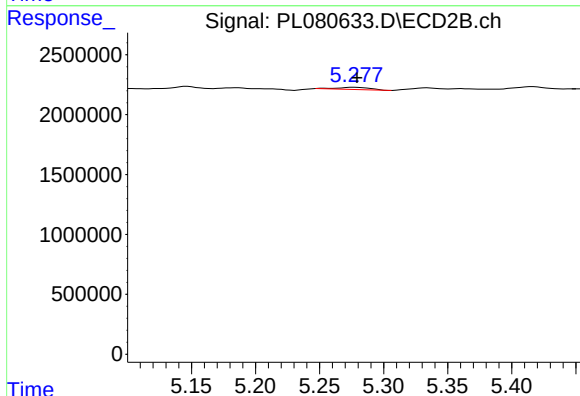
R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 221579
Conc: 0.09 ng/ml



#13 Dieldrin

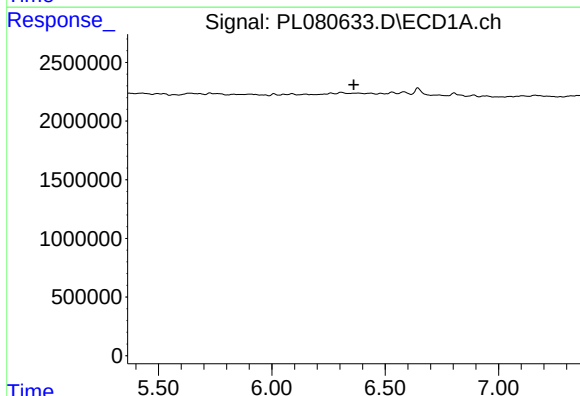
R.T.: 0.000 min
Exp R.T.: 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



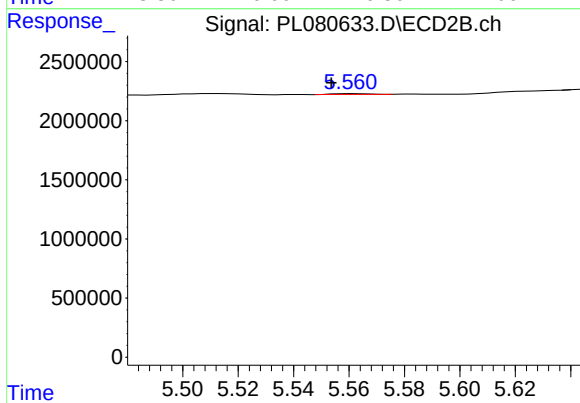
#13 Dieldrin

R.T.: 5.278 min
Delta R.T.: -0.001 min
Response: 332580
Conc: 0.12 ng/ml



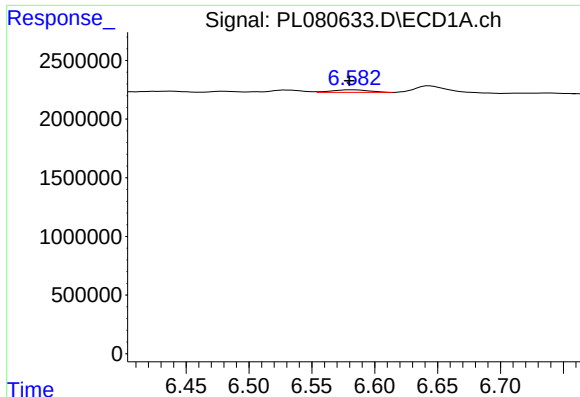
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.361 min
Response: 0
Conc: N.D.



#14 Endrin

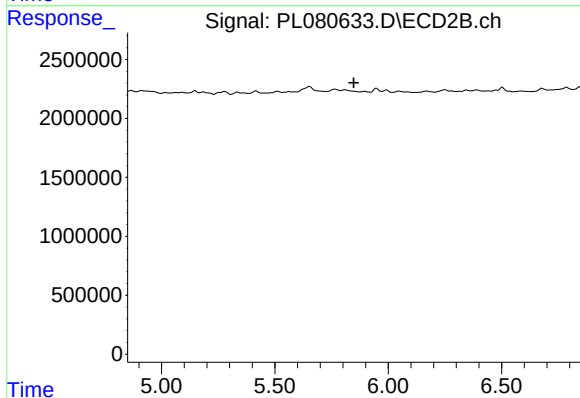
R.T.: 5.561 min
Delta R.T.: 0.007 min
Response: 65979
Conc: 0.03 ng/ml



#15 Endosulfan II

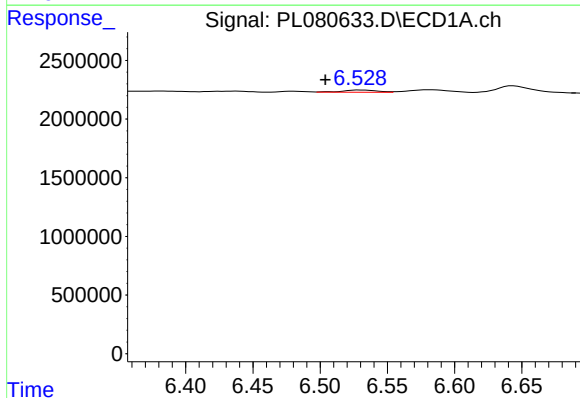
R.T.: 6.583 min
Delta R.T.: 0.003 min
Response: 445281
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



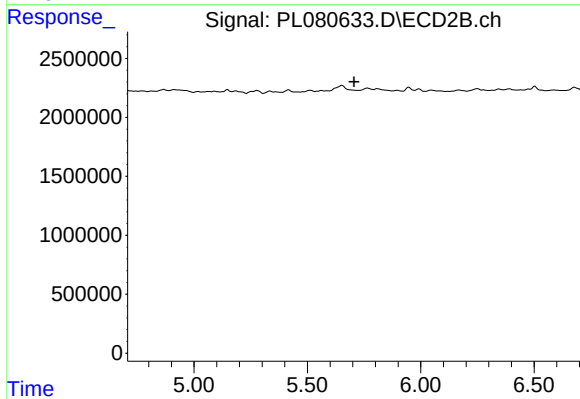
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 5.848 min
Response: 0
Conc: N.D.



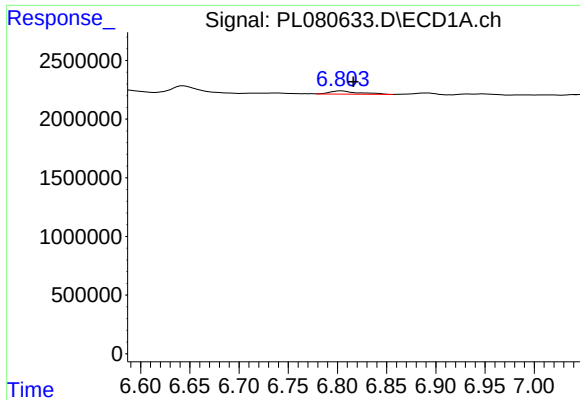
#16 4,4'-DDD

R.T.: 6.529 min
Delta R.T.: 0.025 min
Response: 342968
Conc: 0.19 ng/ml



#16 4,4'-DDD

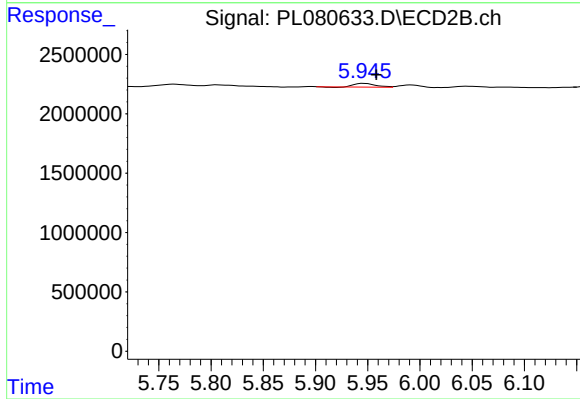
R.T.: 0.000 min
Exp R.T. : 5.706 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

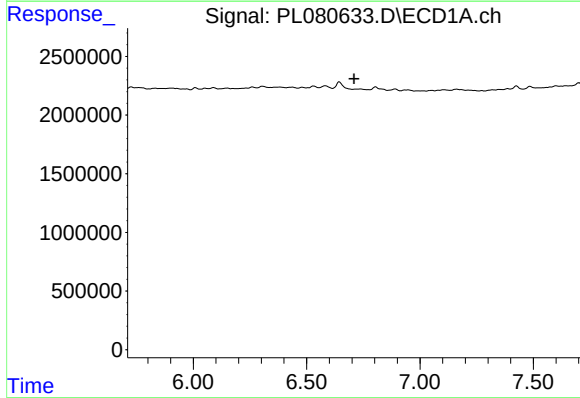
R.T.: 6.804 min
Delta R.T.: -0.012 min
Response: 551725
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



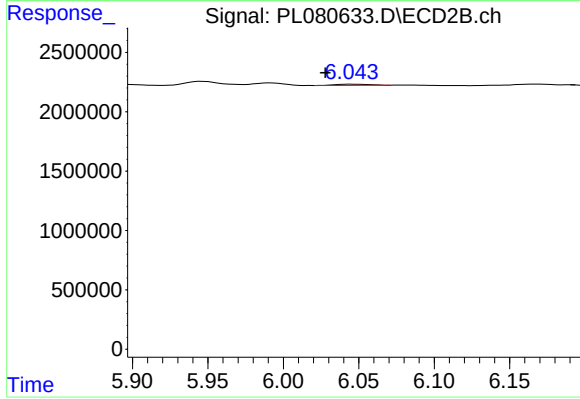
#17 4,4'-DDT

R.T.: 5.946 min
Delta R.T.: -0.012 min
Response: 430738
Conc: 0.20 ng/ml



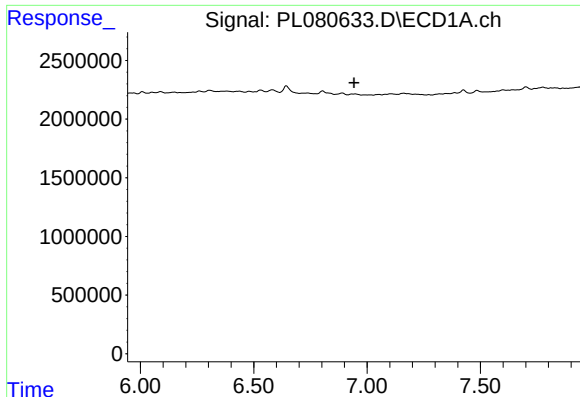
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.709 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

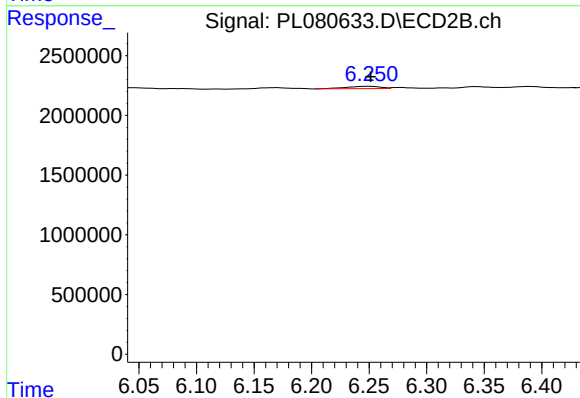
R.T.: 6.046 min
Delta R.T.: 0.018 min
Response: 147483
Conc: 0.08 ng/ml



#19 Endosulfan Sulfate

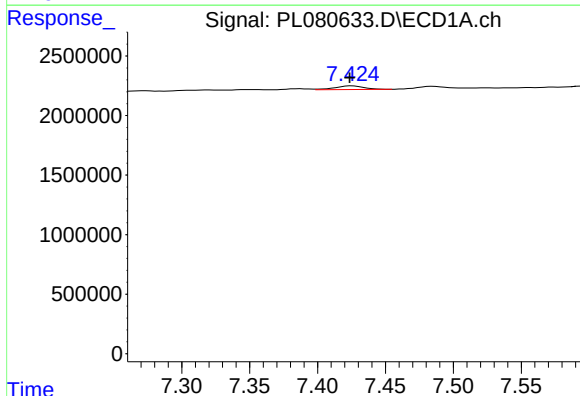
R.T.: 0.000 min
Exp R.T.: 6.943 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



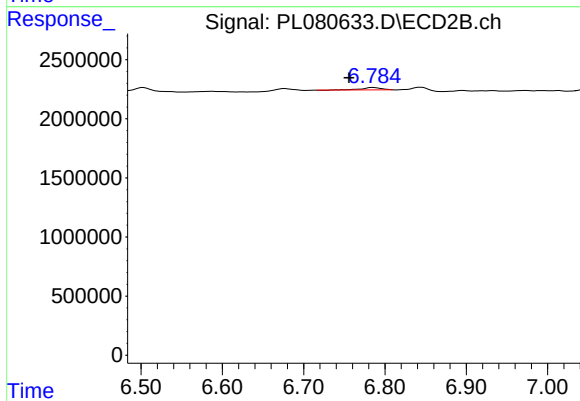
#19 Endosulfan Sulfate

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 403219
Conc: 0.17 ng/ml



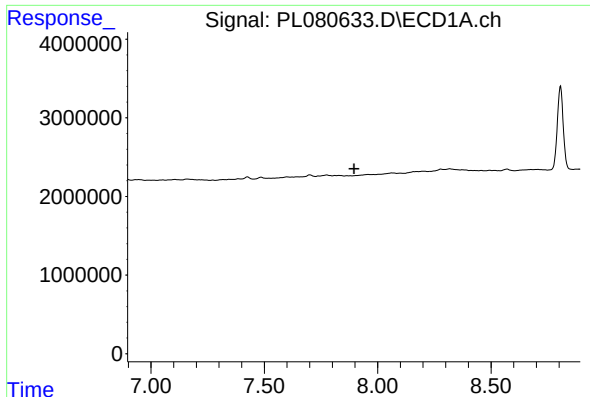
#21 Endrin ketone

R.T.: 7.425 min
Delta R.T.: 0.002 min
Response: 445281
Conc: 0.20 ng/ml



#21 Endrin ketone

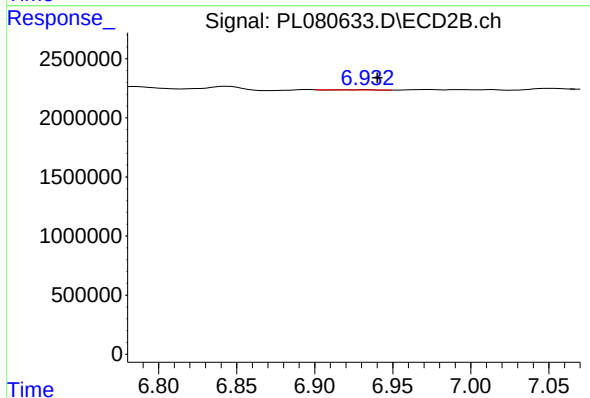
R.T.: 6.785 min
Delta R.T.: 0.029 min
Response: 356938
Conc: 0.14 ng/ml



#22 Mirex

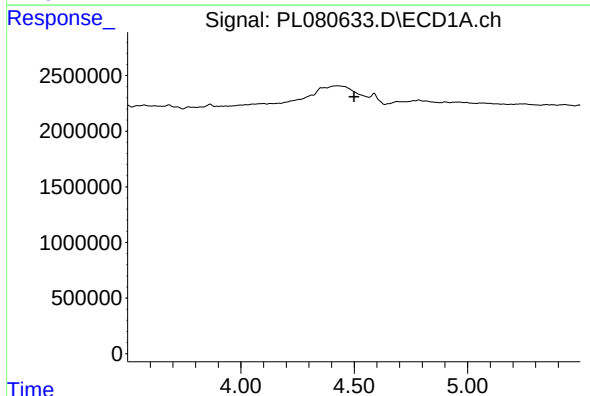
R.T.: 0.000 min
Exp R.T.: 7.896 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



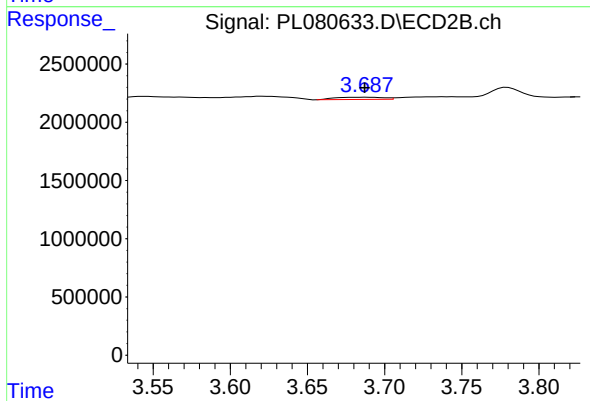
#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.007 min
Response: 10944
Conc: 0.00 ng/ml



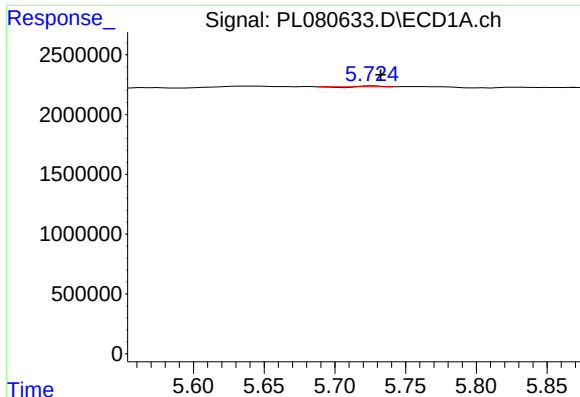
#23 Chlordane-1

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



#23 Chlordane-1

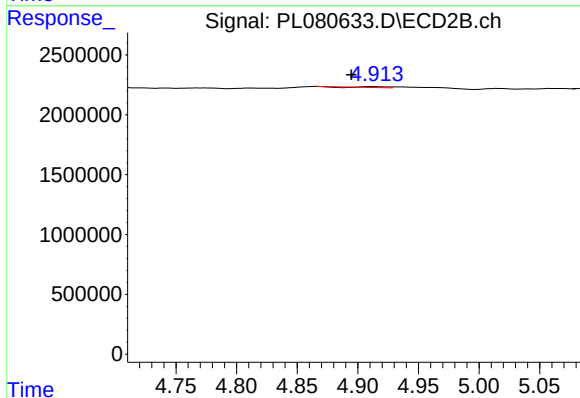
R.T.: 3.689 min
Delta R.T.: 0.002 min
Response: 424008
Conc: 5.21 ng/ml



#25 Chlordane-3

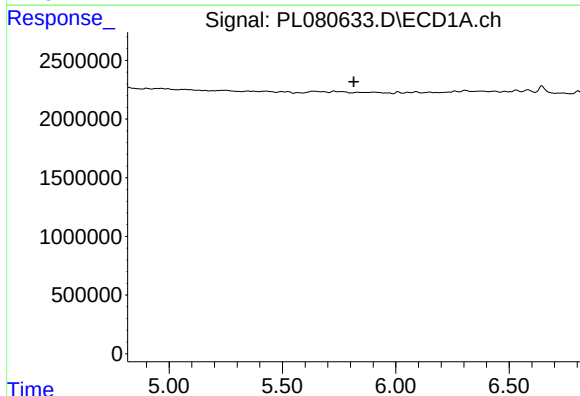
R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 5187
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



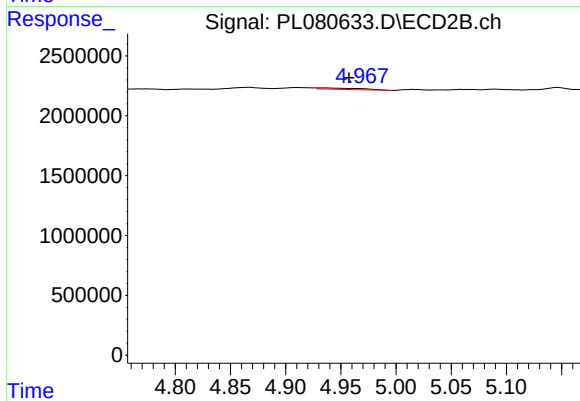
#25 Chlordane-3

R.T.: 4.912 min
Delta R.T.: 0.017 min
Response: 65346
Conc: 0.25 ng/ml



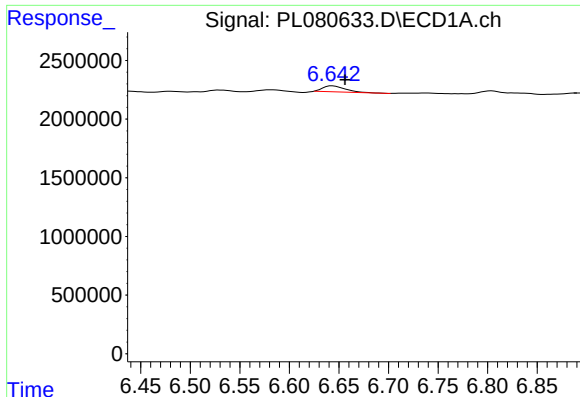
#26 Chlordane-4

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



#26 Chlordane-4

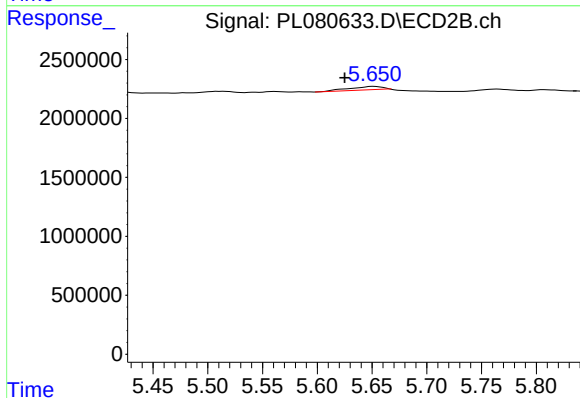
R.T.: 4.934 min
Delta R.T.: -0.023 min
Response: 293674
Conc: 1.09 ng/ml



#27 Chlordane-5

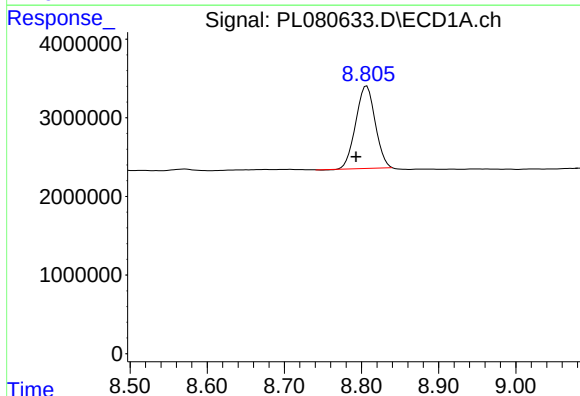
R.T.: 6.643 min
Delta R.T.: -0.013 min
Response: 808536
Conc: 11.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



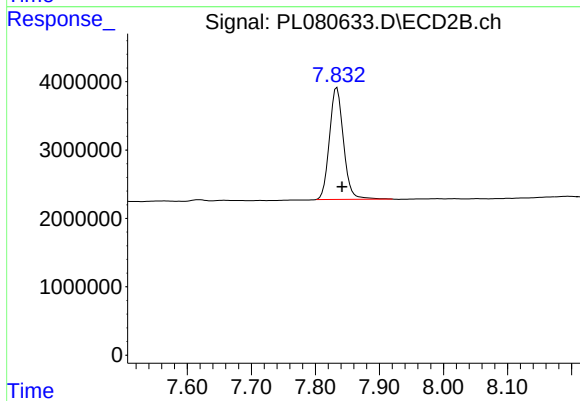
#27 Chlordane-5

R.T.: 5.652 min
Delta R.T.: 0.027 min
Response: 601902
Conc: 8.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.807 min
Delta R.T.: 0.014 min
Response: 18388993
Conc: 10.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 24934369
Conc: 10.47 ng/ml