

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
 Data File : PL080689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 09:10
 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 02 21:00:15 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	41721048	39972783	19.452	18.199
28)	SA Decachlor...	8.789	7.836	33138878	40333594	18.928	16.929
Target Compounds							
2)	A alpha-BHC	3.800	3.189	27976851	25279919	8.831	7.949
3)	MA gamma-BHC...	4.129	3.518	27192676	24499714	9.250	8.201
4)	MA Heptachlor	0.000	3.870	0	102518	N.D.	0.032 #
5)	MB Aldrin	0.000	4.147	0	231230	N.D.	0.078 #
6)	B beta-BHC	4.325	3.814	13556446	12990657	9.931	9.734
7)	B delta-BHC	4.569	4.044	849938	157580	0.294	0.055 #
8)	B Heptachlo...	0.000	4.646	0	28789	N.D.	0.010 #
9)	A Endosulfan I	0.000	5.013	0	68582	N.D.	0.026 #
10)	B gamma-Chl...	5.709f	4.902	414145	262137	0.164	0.092 #
11)	B alpha-Chl...	0.000	4.967	0	16292	N.D.	0.006 #
12)	B 4,4'-DDE	5.987	5.148	318476	344447	0.143	0.146
13)	MA Dieldrin	0.000	5.286	0	15998	N.D.	0.006 #
14)	MA Endrin	6.360	5.550	82931230	88575021	38.346	38.160
15)	B Endosulfa...	6.567	5.865f	2710266	-1019244	1.182	N.D. #
16)	A 4,4'-DDD	6.502	5.701	6492919	6123158	3.544	3.258
17)	MA 4,4'-DDT	6.815	5.954	164.0E6	177.1E6	78.949	84.295
18)	B Endrin al...	6.707	6.024	3131332	5064880	1.882	2.774 #
19)	B Endosulfa...	6.918f	6.241	469956	338014	0.227	0.145 #
20)	A Methoxychlor	7.293	6.531	218.3E6	233.4E6	197.836	192.381
21)	B Endrin ke...	7.421	6.750	8276695	9853854	3.751	3.859
22)	Mirex	7.896	6.933	216618	-11132	0.126	N.D. #
23)	Chlordane-1	0.000	3.691	0	20870	N.D.	0.256 #
24)	Chlordane-2	0.000	4.263	0	42316	N.D.	0.469 #
25)	Chlordane-3	5.709f	4.902	414145	262137	1.226	0.994
26)	Chlordane-4	0.000	4.967	0	16292	N.D.	0.060 #
27)	Chlordane-5	0.000	5.624	0	95070	N.D.	1.336 #

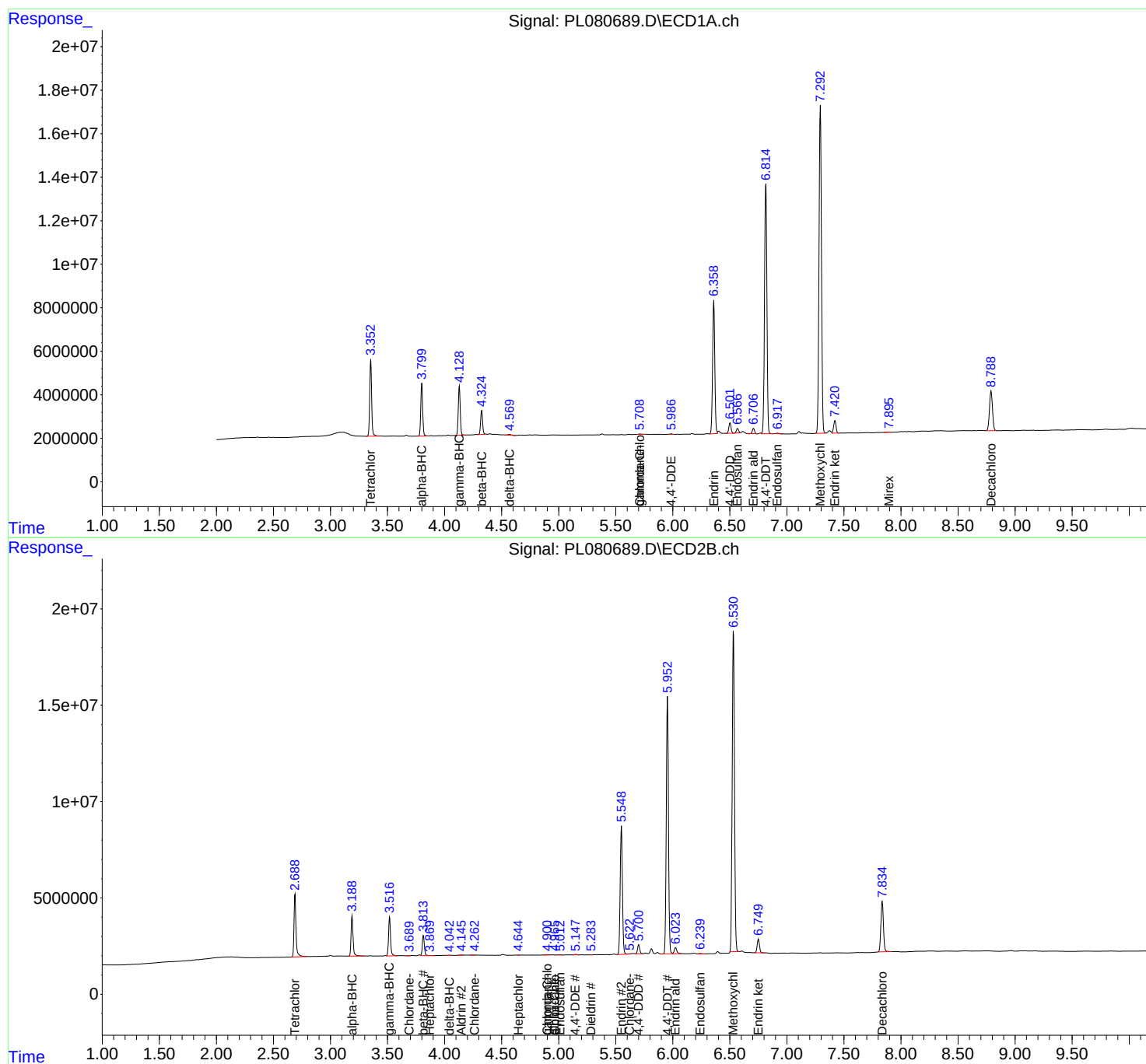
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

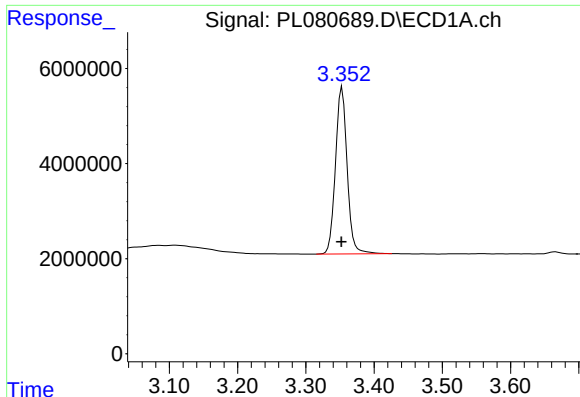
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
Data File : PL080689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Feb 2023 09:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 02 21:00:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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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

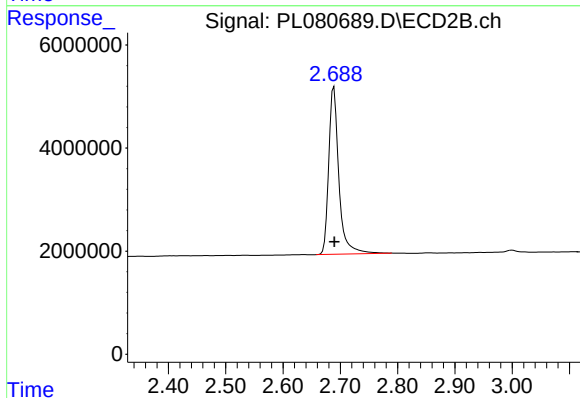




#1 Tetrachloro-m-xylene

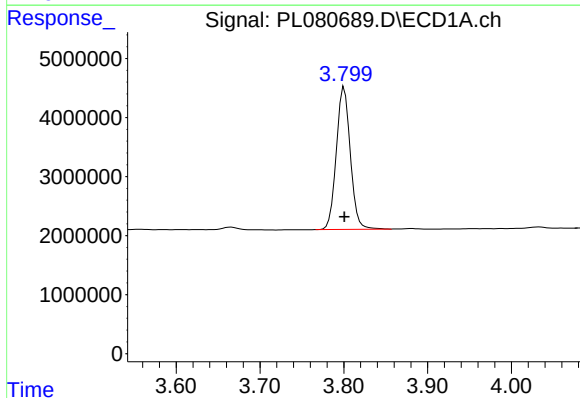
R.T.: 3.353 min
Delta R.T.: 0.001 min
Response: 41721048
Conc: 19.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



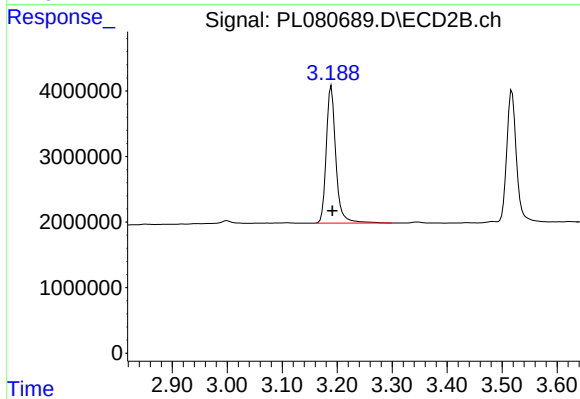
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 39972783
Conc: 18.20 ng/ml



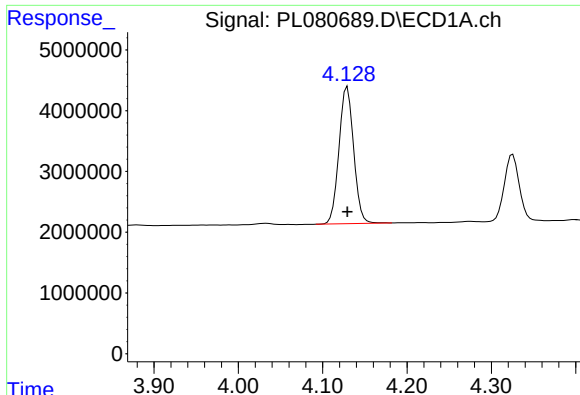
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 27976851
Conc: 8.83 ng/ml



#2 alpha-BHC

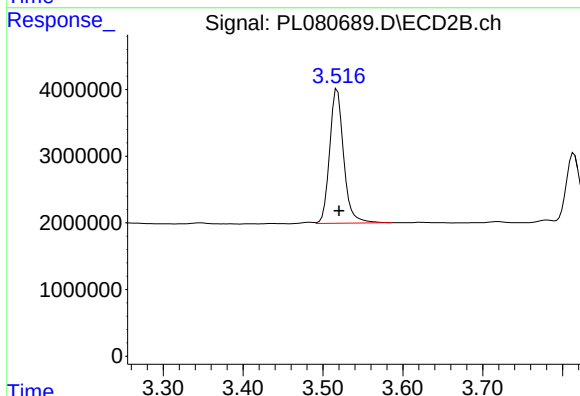
R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 25279919
Conc: 7.95 ng/ml



#3 gamma-BHC (Lindane)

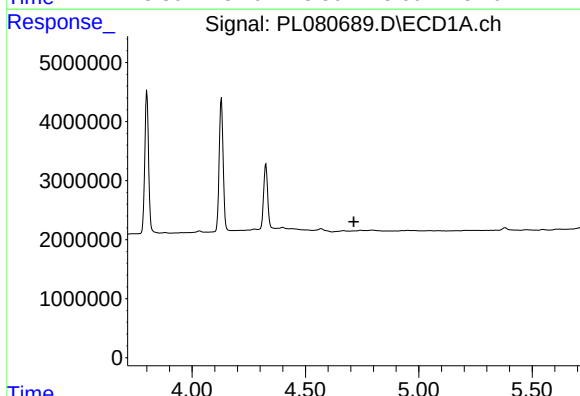
R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 27192676
Conc: 9.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



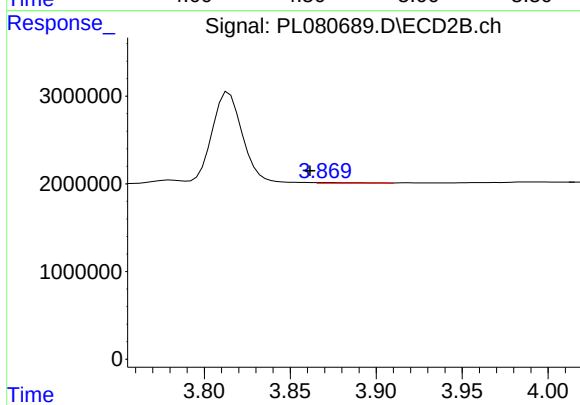
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 24499714
Conc: 8.20 ng/ml



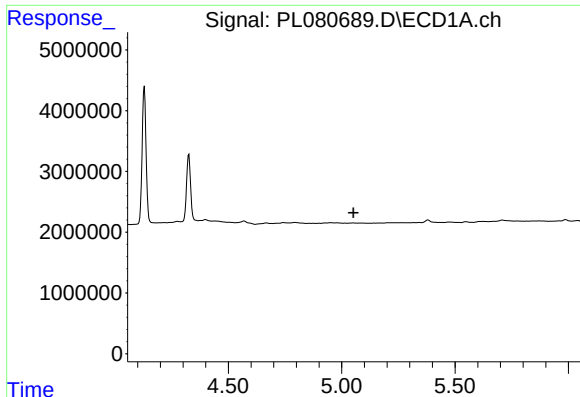
#4 Heptachlor

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



#4 Heptachlor

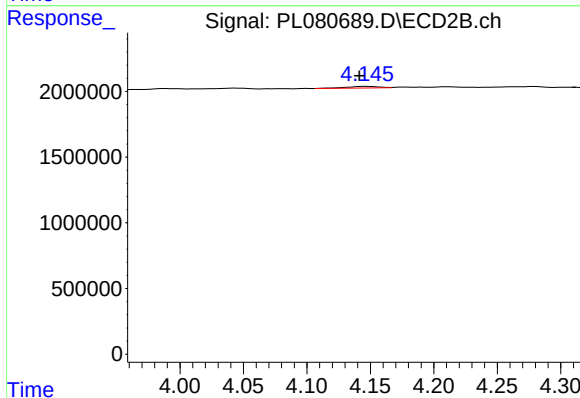
R.T.: 3.870 min
Delta R.T.: 0.009 min
Response: 102518
Conc: 0.03 ng/ml



#5 Aldrin

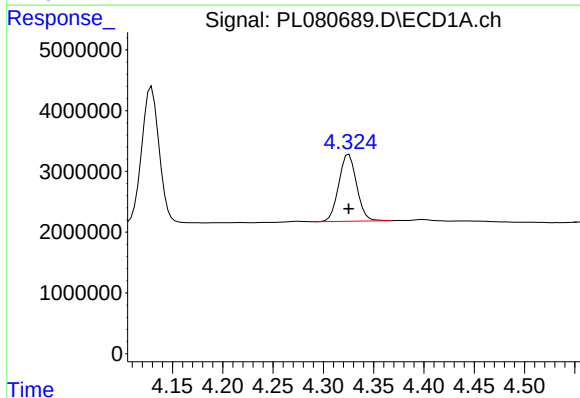
R.T.: 0.000 min
Exp R.T.: 5.052 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



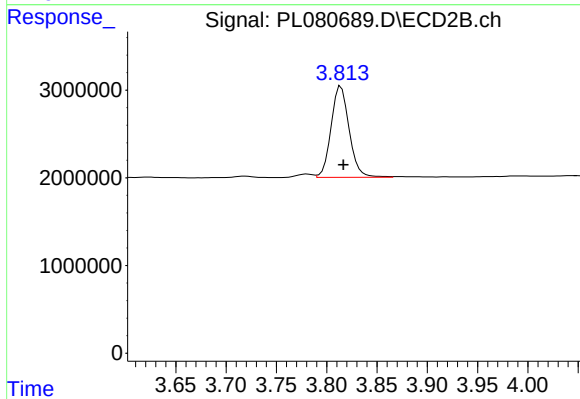
#5 Aldrin

R.T.: 4.147 min
Delta R.T.: 0.006 min
Response: 231230
Conc: 0.08 ng/ml



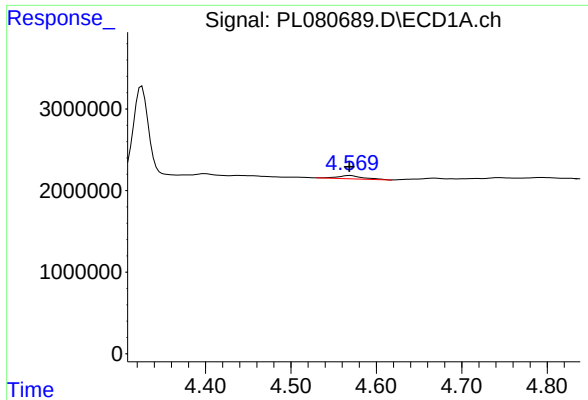
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 13556446
Conc: 9.93 ng/ml



#6 beta-BHC

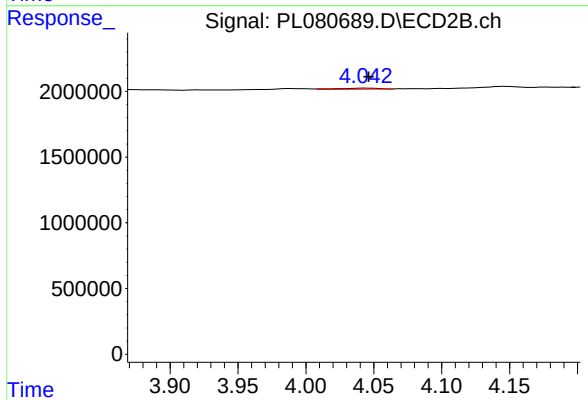
R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 12990657
Conc: 9.73 ng/ml



#7 delta-BHC

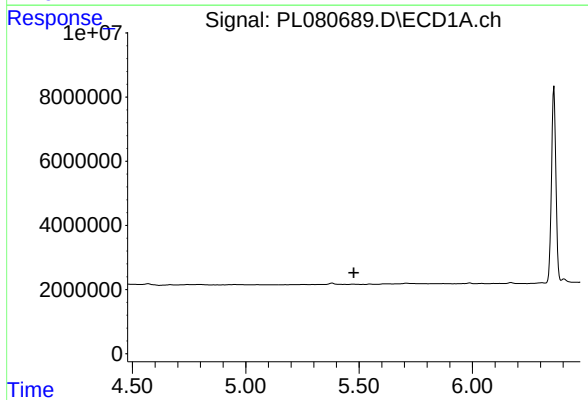
R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 849938
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



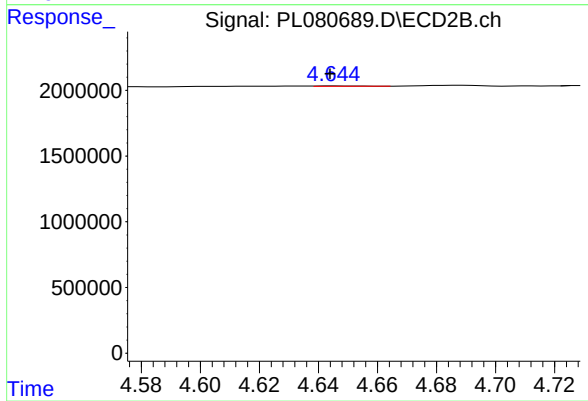
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 157580
Conc: 0.05 ng/ml



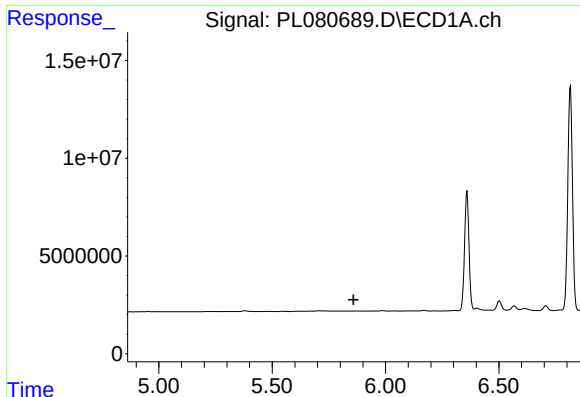
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

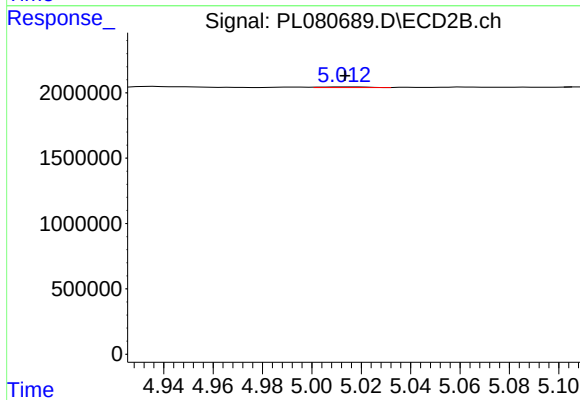
R.T.: 4.646 min
Delta R.T.: 0.002 min
Response: 28789
Conc: 0.01 ng/ml



#9 Endosulfan I

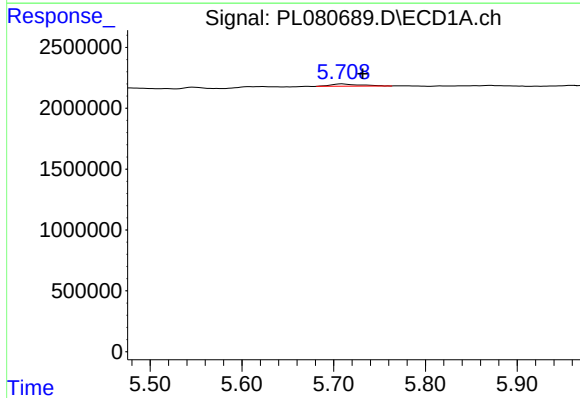
R.T.: 0.000 min
Exp R.T.: 5.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



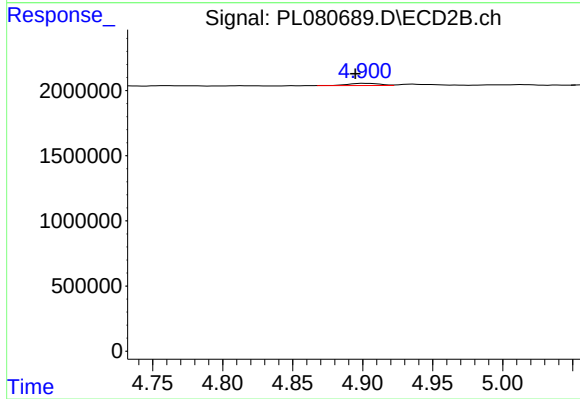
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 68582
Conc: 0.03 ng/ml



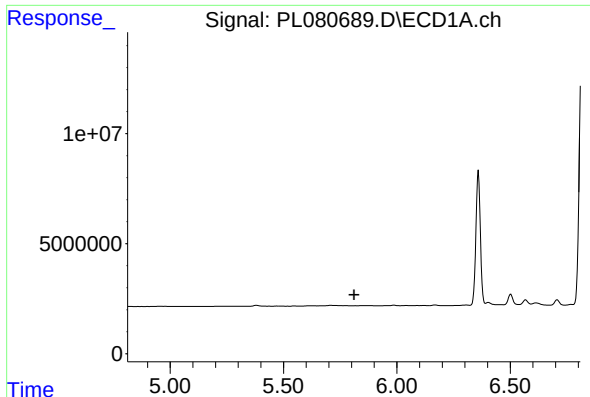
#10 gamma-Chlordane

R.T.: 5.709 min
Delta R.T.: -0.023 min
Response: 414145
Conc: 0.16 ng/ml



#10 gamma-Chlordane

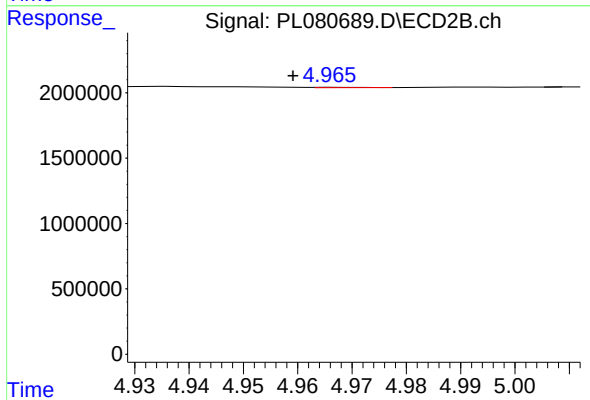
R.T.: 4.902 min
Delta R.T.: 0.007 min
Response: 262137
Conc: 0.09 ng/ml



#11 alpha-Chlordane

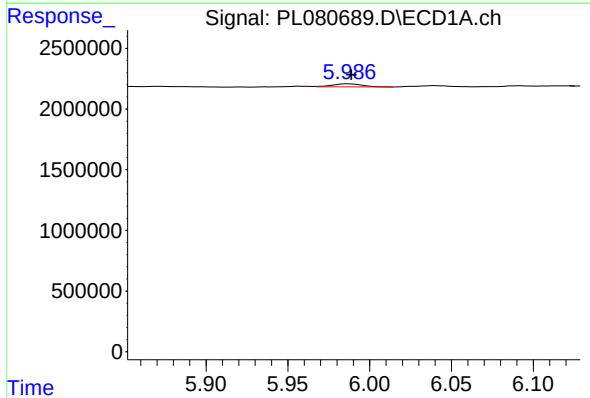
R.T.: 0.000 min
Exp R.T.: 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



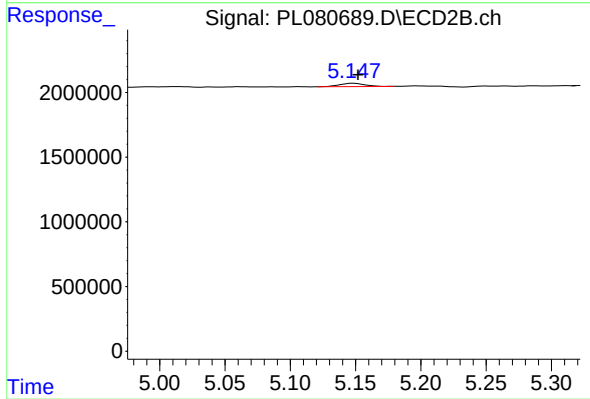
#11 alpha-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.008 min
Response: 16292
Conc: 0.01 ng/ml



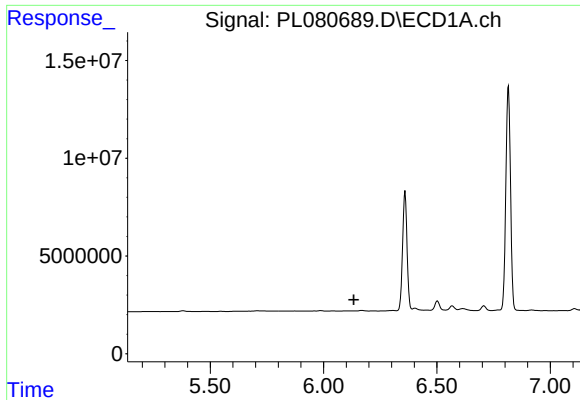
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 318476
Conc: 0.14 ng/ml



#12 4,4'-DDE

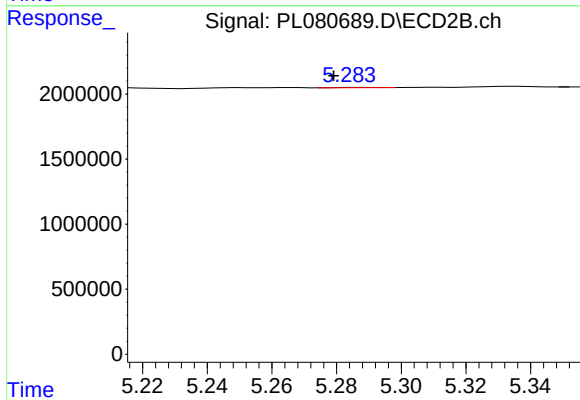
R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 344447
Conc: 0.15 ng/ml



#13 Dieldrin

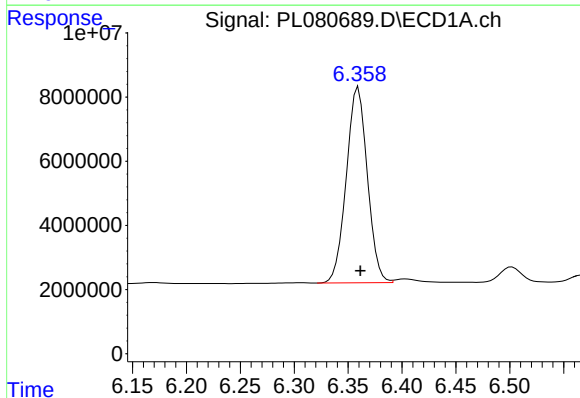
R.T.: 0.000 min
Exp R.T.: 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



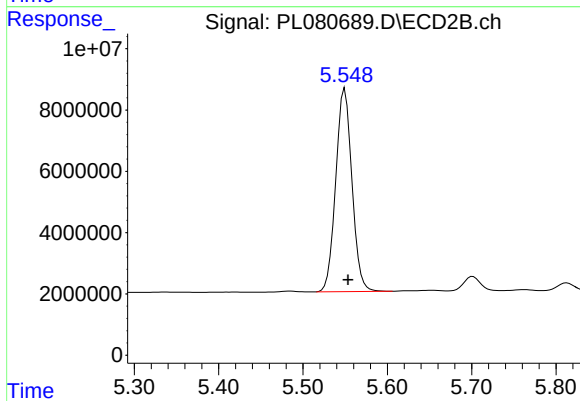
#13 Dieldrin

R.T.: 5.286 min
Delta R.T.: 0.007 min
Response: 15998
Conc: 0.01 ng/ml



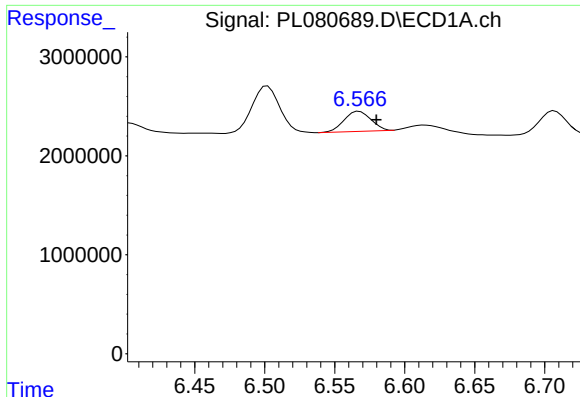
#14 Endrin

R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 82931230
Conc: 38.35 ng/ml



#14 Endrin

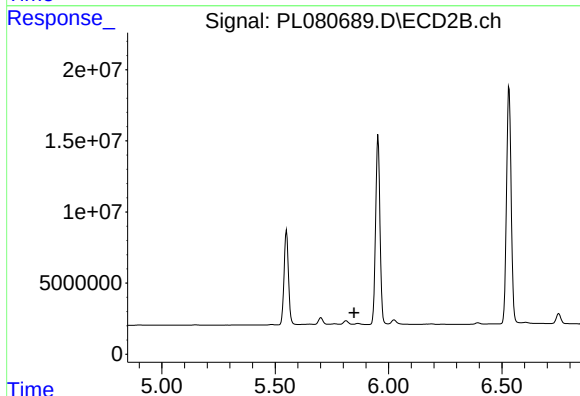
R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 88575021
Conc: 38.16 ng/ml



#15 Endosulfan II

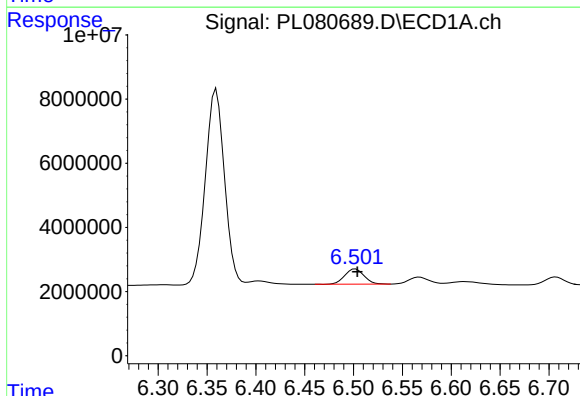
R.T.: 6.567 min
Delta R.T.: -0.012 min
Response: 2710266
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :



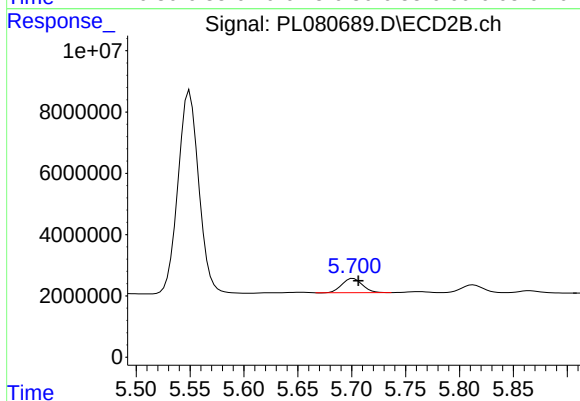
#15 Endosulfan II

R.T.: 5.865 min
Delta R.T.: 0.018 min
Response: -1019244
Conc: N.D.



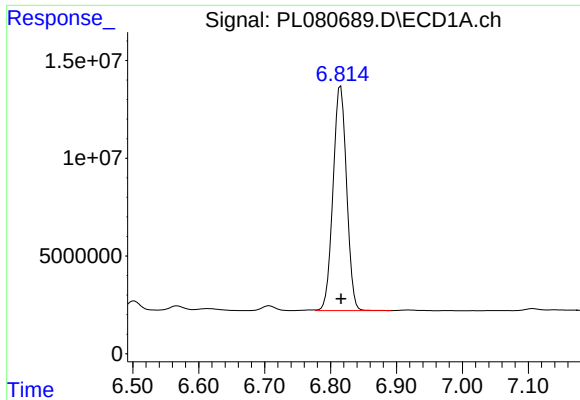
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 6492919
Conc: 3.54 ng/ml



#16 4,4'-DDD

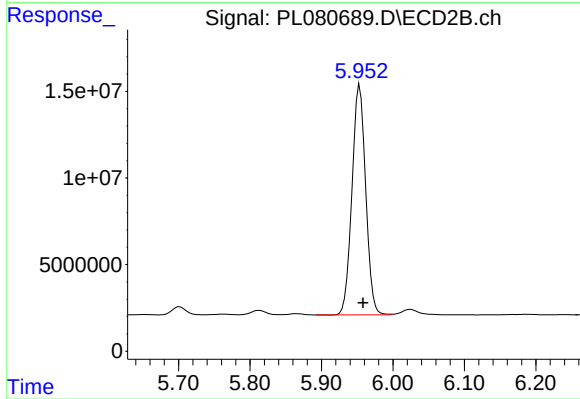
R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 6123158
Conc: 3.26 ng/ml



#17 4,4'-DDT

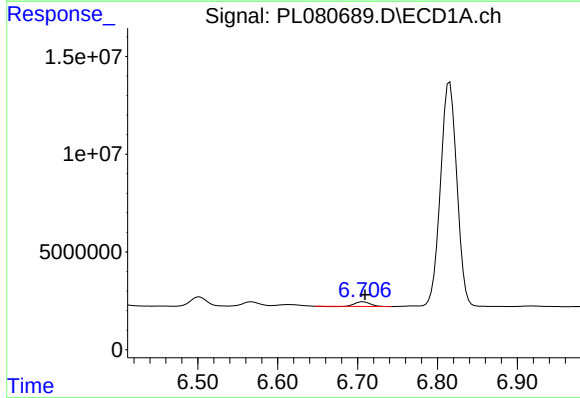
R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 164030443
Conc: 78.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



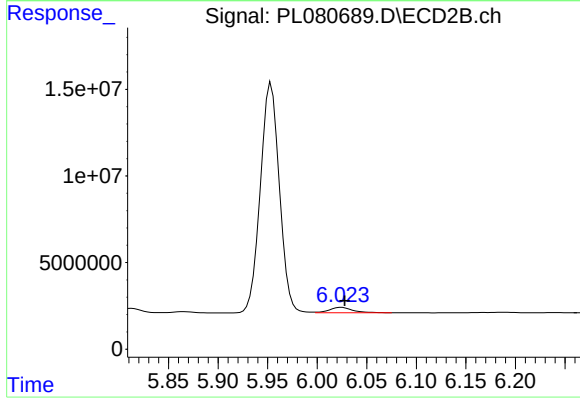
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 177145209
Conc: 84.30 ng/ml



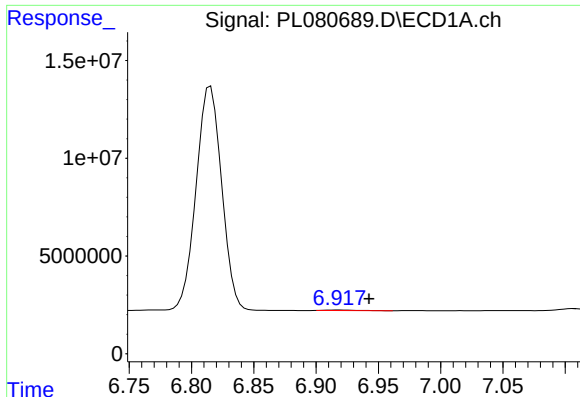
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 3131332
Conc: 1.88 ng/ml



#18 Endrin aldehyde

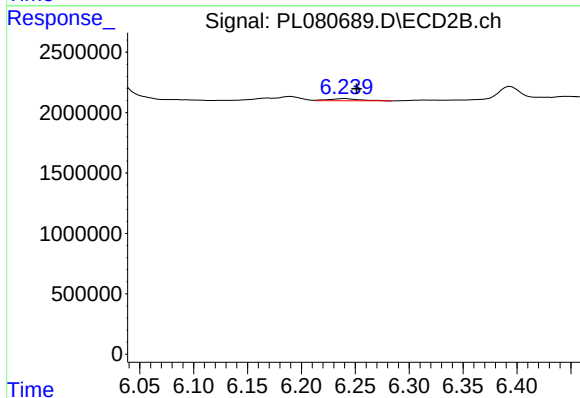
R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 5064880
Conc: 2.77 ng/ml



#19 Endosulfan Sulfate

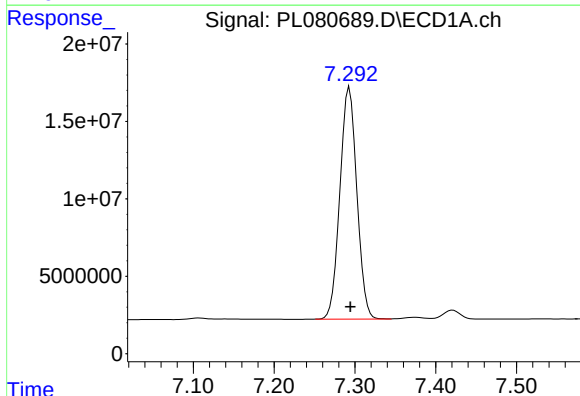
R.T.: 6.918 min
Delta R.T.: -0.025 min
Response: 469956
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



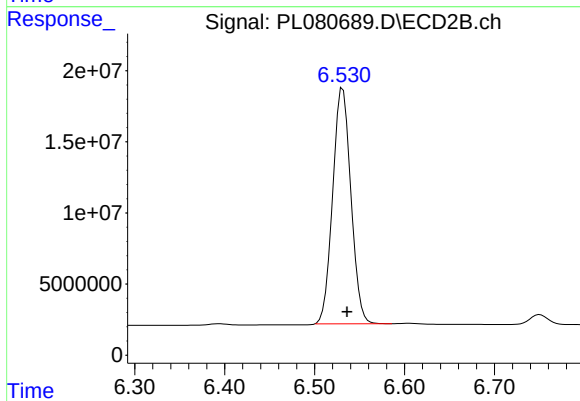
#19 Endosulfan Sulfate

R.T.: 6.241 min
Delta R.T.: -0.011 min
Response: 338014
Conc: 0.15 ng/ml



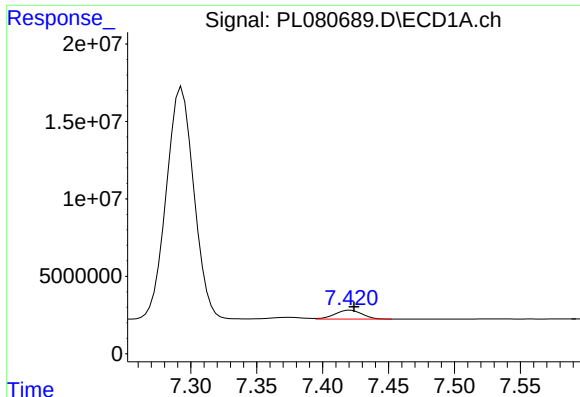
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 218269748
Conc: 197.84 ng/ml



#20 Methoxychlor

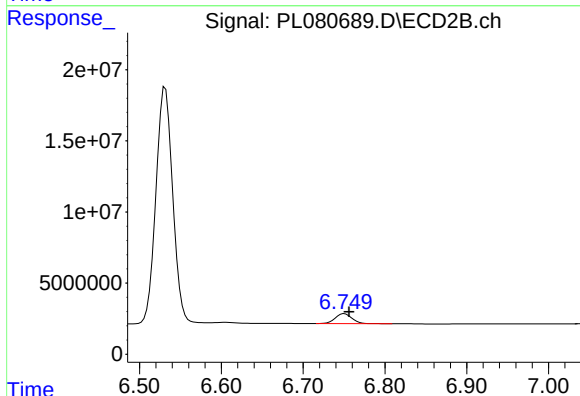
R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 233448113
Conc: 192.38 ng/ml



#21 Endrin ketone

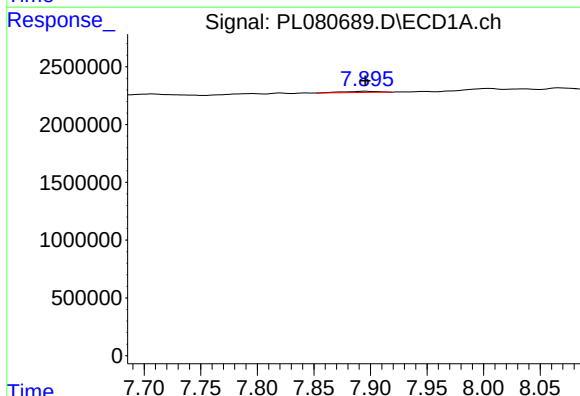
R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 8276695
Conc: 3.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



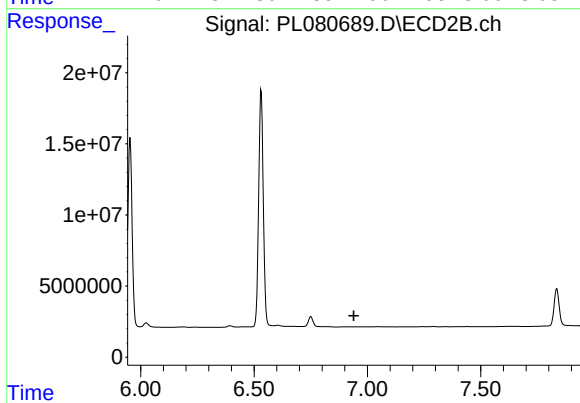
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 9853854
Conc: 3.86 ng/ml



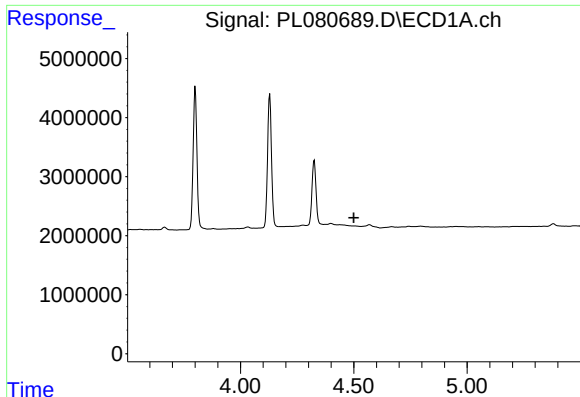
#22 Mirex

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 216618
Conc: 0.13 ng/ml



#22 Mirex

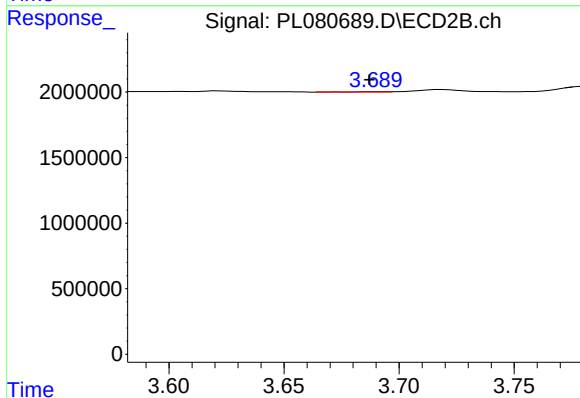
R.T.: 6.933 min
Delta R.T.: -0.007 min
Response: -11132
Conc: N.D.



#23 Chlordane-1

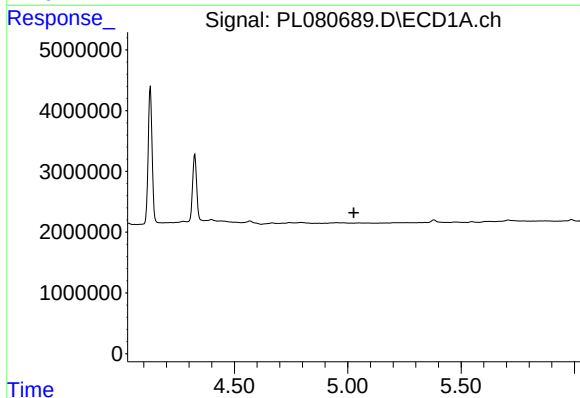
R.T.: 0.000 min
Exp R.T.: 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



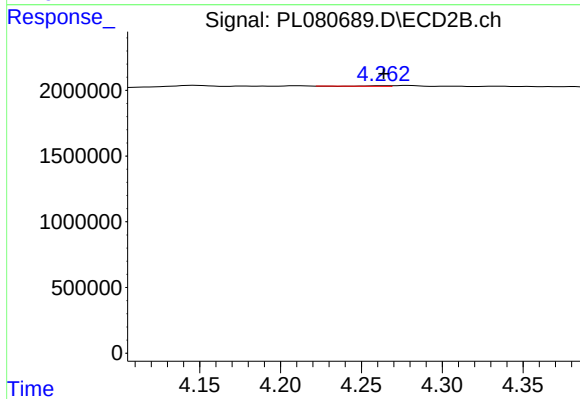
#23 Chlordane-1

R.T.: 3.691 min
Delta R.T.: 0.004 min
Response: 20870
Conc: 0.26 ng/ml



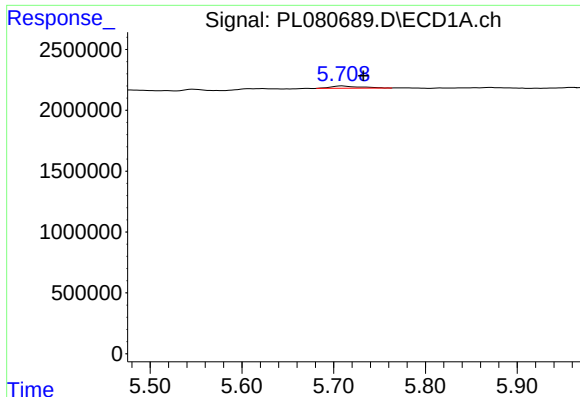
#24 Chlordane-2

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



#24 Chlordane-2

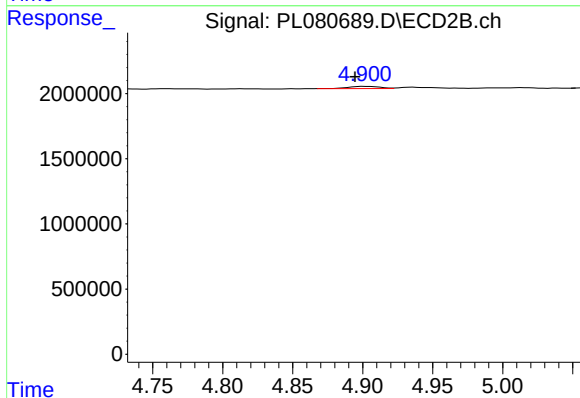
R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 42316
Conc: 0.47 ng/ml



#25 Chlordane-3

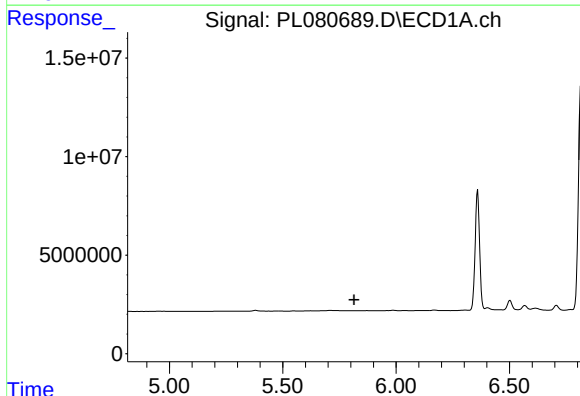
R.T.: 5.709 min
Delta R.T.: -0.023 min
Response: 414145
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



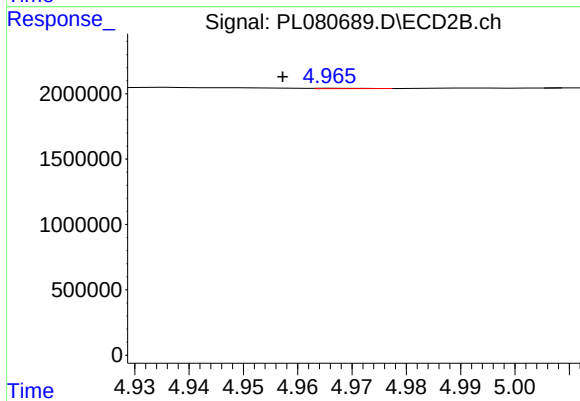
#25 Chlordane-3

R.T.: 4.902 min
Delta R.T.: 0.007 min
Response: 262137
Conc: 0.99 ng/ml



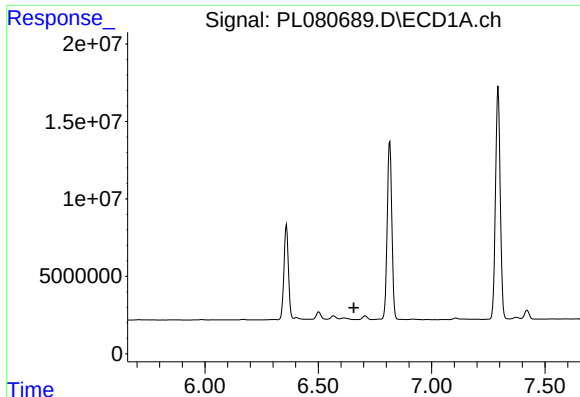
#26 Chlordane-4

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



#26 Chlordane-4

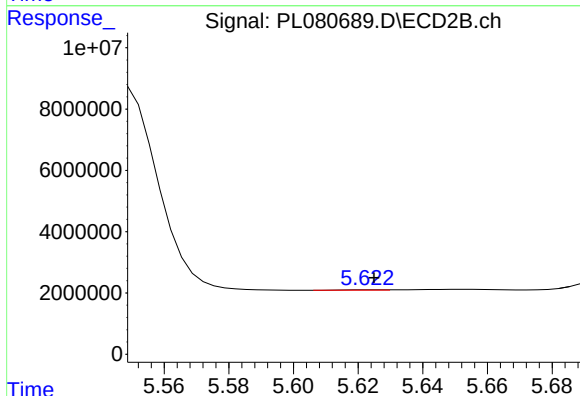
R.T.: 4.967 min
Delta R.T.: 0.010 min
Response: 16292
Conc: 0.06 ng/ml



#27 Chlordane-5

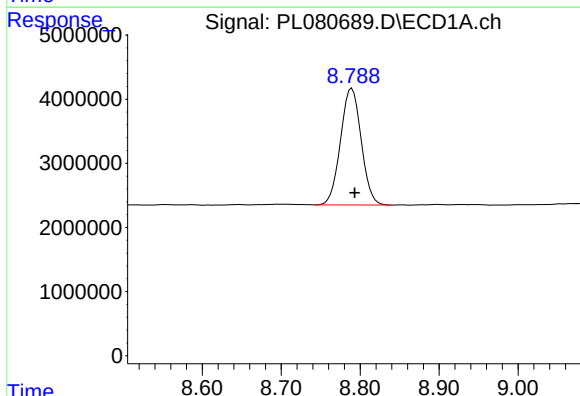
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



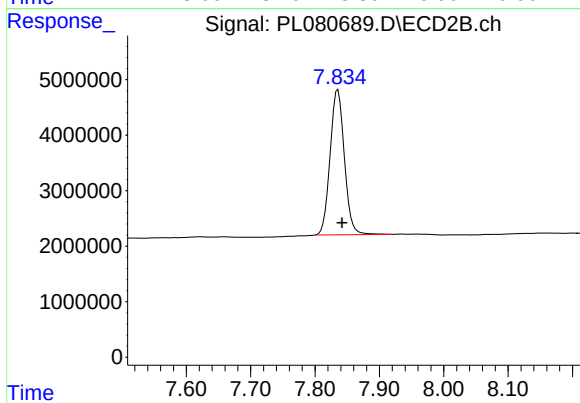
#27 Chlordane-5

R.T.: 5.624 min
Delta R.T.: -0.001 min
Response: 95070
Conc: 1.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 33138878
Conc: 18.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 40333594
Conc: 16.93 ng/ml