

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087348.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 20:30
 Operator : AR\AJ
 Sample : 05900-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SS-62

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 01:35:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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

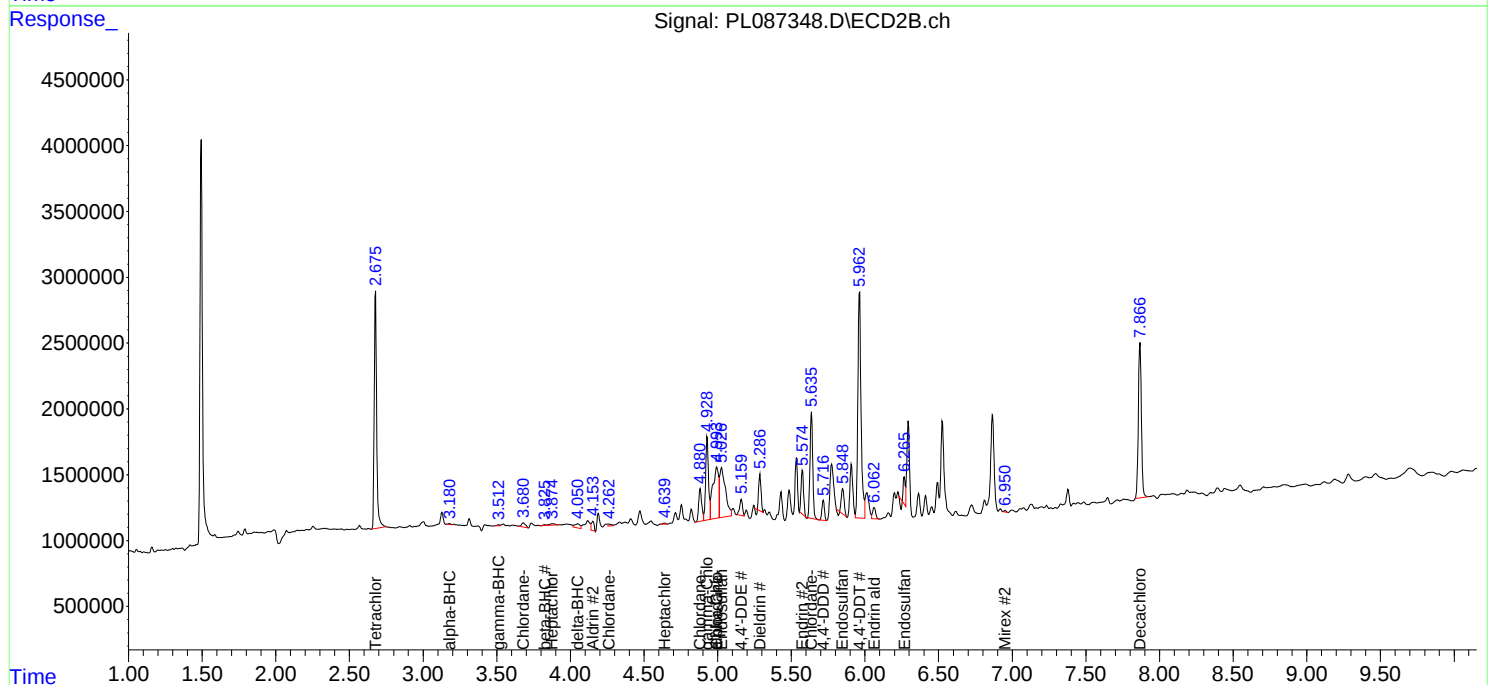
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

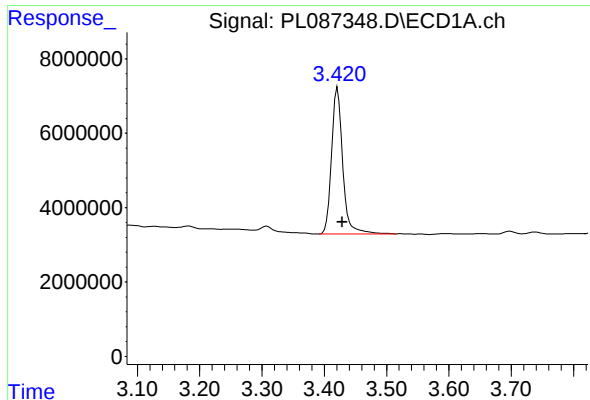
System Monitoring Compounds							
1)	SA Tetrachlo...	3.421	2.677	49060845	20669300	13.036	12.279
28)	SA Decachlor...	8.980	7.867	35641723	16980724	10.452	10.054
Target Compounds							
2)	A alpha-BHC	3.913f	3.181	137428	51265	0.025	0.021
3)	MA gamma-BHC...	0.000	3.514	0	106168	N.D.	0.044 #
4)	MA Heptachlor	0.000	3.876	0	265474	N.D.	0.111 #
5)	MB Aldrin	5.179f	4.154	485660	921782	0.093	0.384 #
6)	B beta-BHC	4.433	3.826	1496245	52611	0.651	0.051 #
7)	B delta-BHC	0.000	4.052	0	771178	N.D.	0.315 #
9)	A Endosulfan I	5.959	5.027	2711678	10392216	0.607	4.809 #
10)	B gamma-Chl...	5.863f	4.929f	16609380	8483047	3.426	3.709
11)	B alpha-Chl...	5.921	4.994f	6504275	10678079	1.353	4.627 #
12)	B 4,4'-DDE	6.094	5.161	3596942	1696532	0.868	0.854
13)	MA Dieldrin	6.242	5.287	3357840	2913659	0.724	1.308 #
14)	MA Endrin	6.479	5.576	13967820	3959163	3.630	1.984 #
15)	B Endosulfa...	6.688	5.849	932039	2364011	0.232	1.214 #
16)	A 4,4'-DDD	6.628	5.717	33513506	1723673	10.140	1.041 #
17)	MA 4,4'-DDT	0.000	5.963f	0	25795336	N.D.	13.986 #
18)	B Endrin al...	6.846	6.063f	7827592	1254394	2.701	0.855 #
19)	B Endosulfa...	7.089f	6.267	3753885	1408667	0.956	0.748
20)	A Methoxychlor	7.413f	0.000	209771	0	0.108	N.D. #
21)	B Endrin ke...	7.535f	0.000	11157444	0	2.743	N.D. #
22)	Mirex	0.000	6.952	0	118980	N.D.	0.067 #
23)	Chlordane-1	4.586	3.680	785556	601408	4.979	9.695 #
24)	Chlordane-2	0.000	4.264	0	242588	N.D.	3.160 #
25)	Chlordane-3	5.863f	4.882f	16609380	3565593	23.828	16.129 #
26)	Chlordane-4	5.921	4.994f	6504275	10678079	7.607	45.865 #
27)	Chlordane-5	0.000	5.637	0	10475646	N.D.	161.917 #

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

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62

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

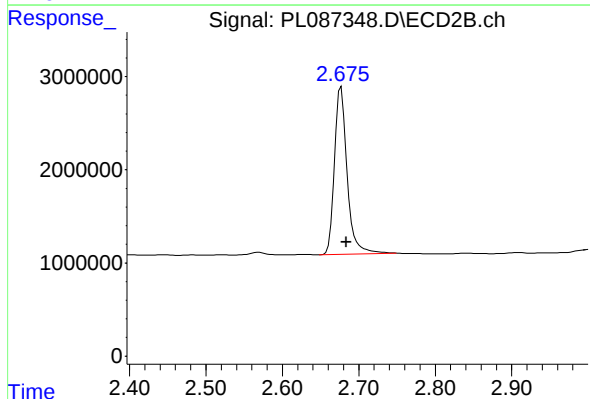




#1 Tetrachloro-m-xylene

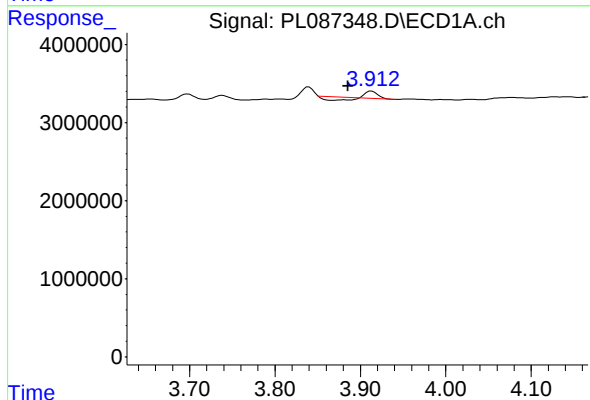
R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 49060845
Conc: 13.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



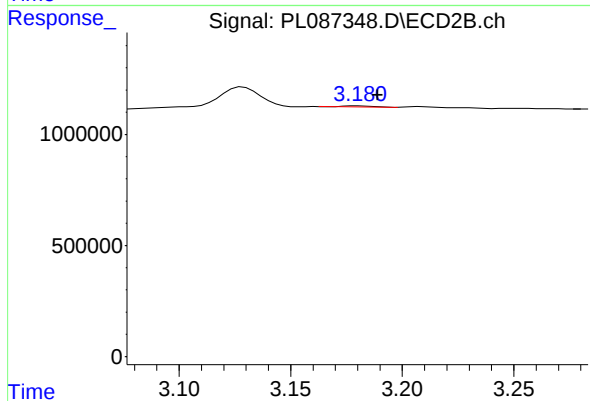
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.007 min
Response: 20669300
Conc: 12.28 ng/ml



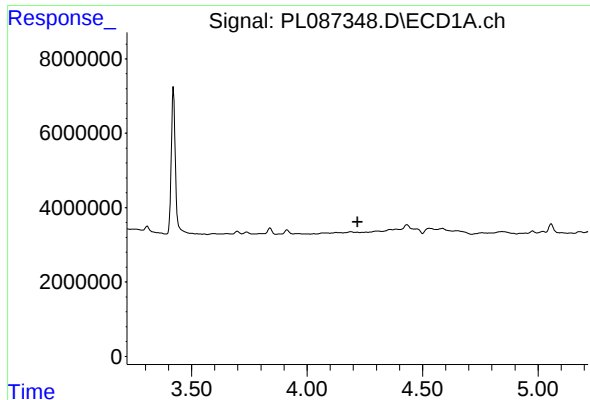
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: 0.028 min
Response: 137428
Conc: 0.03 ng/ml



#2 alpha-BHC

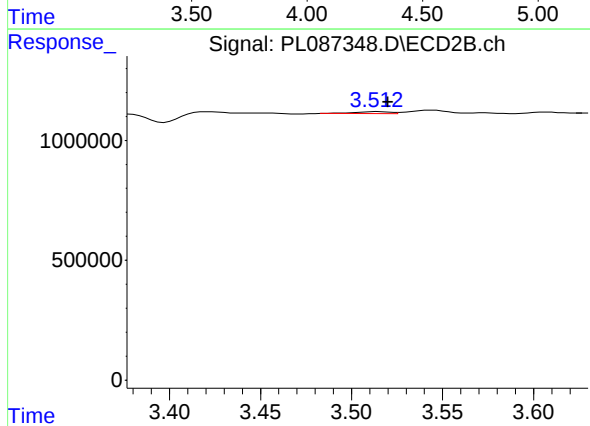
R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 51265
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

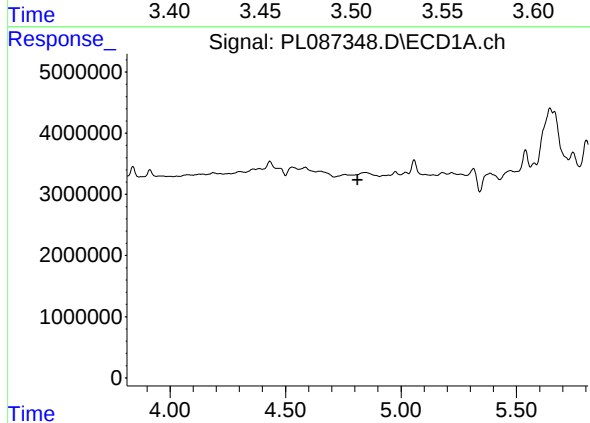
R.T.: 0.000 min
Exp R.T.: 4.220 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



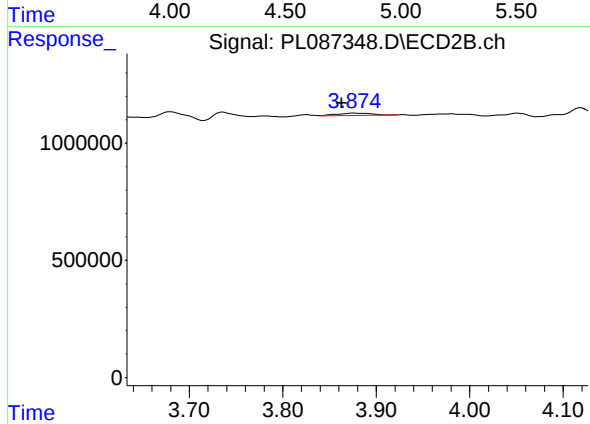
#3 gamma-BHC (Lindane)

R.T.: 3.514 min
Delta R.T.: -0.006 min
Response: 106168
Conc: 0.04 ng/ml



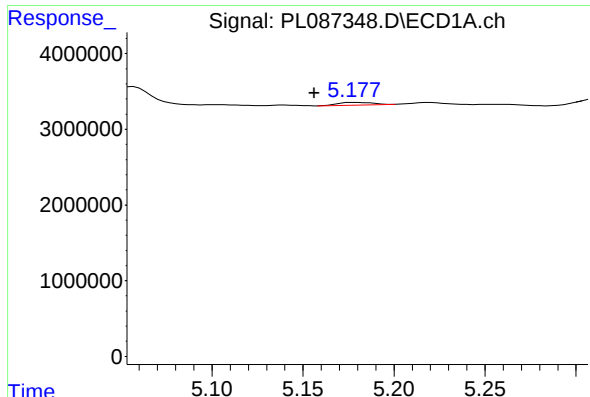
#4 Heptachlor

R.T.: 0.000 min
Exp R.T.: 4.813 min
Response: 0
Conc: N.D.



#4 Heptachlor

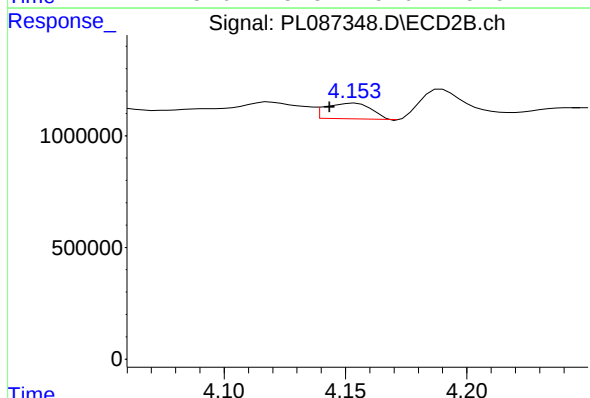
R.T.: 3.876 min
Delta R.T.: 0.013 min
Response: 265474
Conc: 0.11 ng/ml



#5 Aldrin

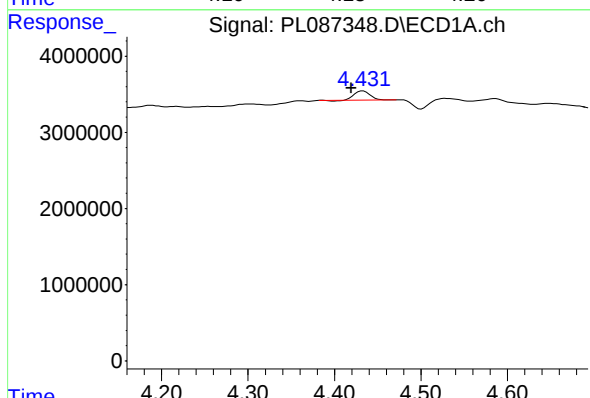
R.T.: 5.179 min
Delta R.T.: 0.023 min
Response: 485660
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



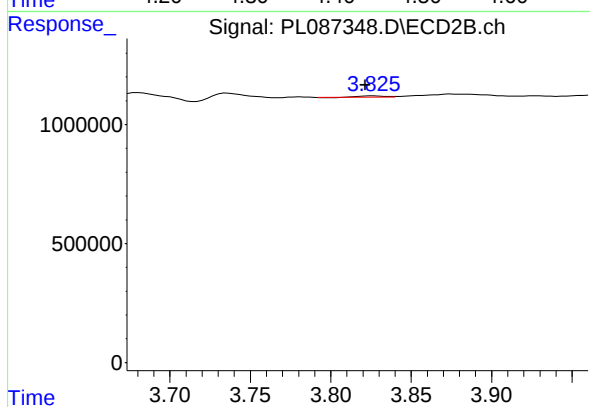
#5 Aldrin

R.T.: 4.154 min
Delta R.T.: 0.010 min
Response: 921782
Conc: 0.38 ng/ml



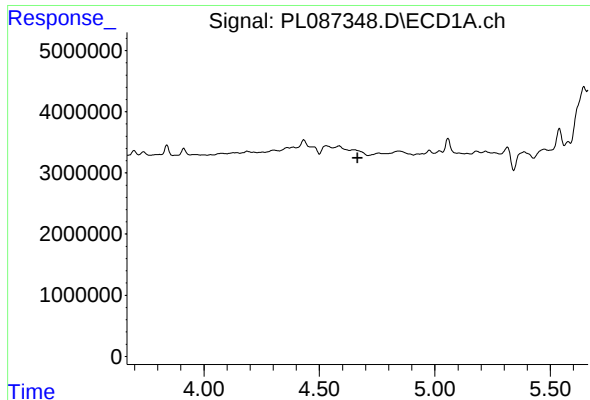
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: 0.013 min
Response: 1496245
Conc: 0.65 ng/ml



#6 beta-BHC

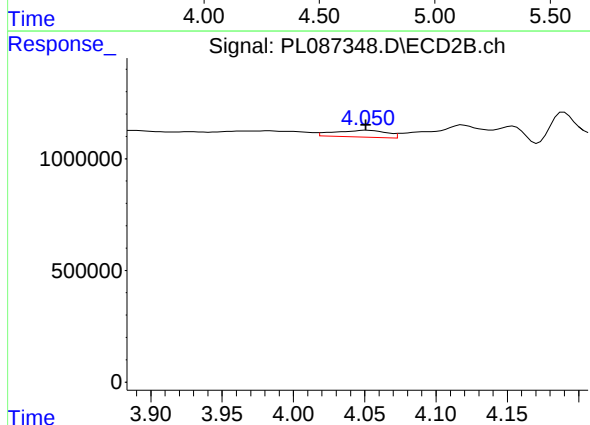
R.T.: 3.826 min
Delta R.T.: 0.005 min
Response: 52611
Conc: 0.05 ng/ml



#7 delta-BHC

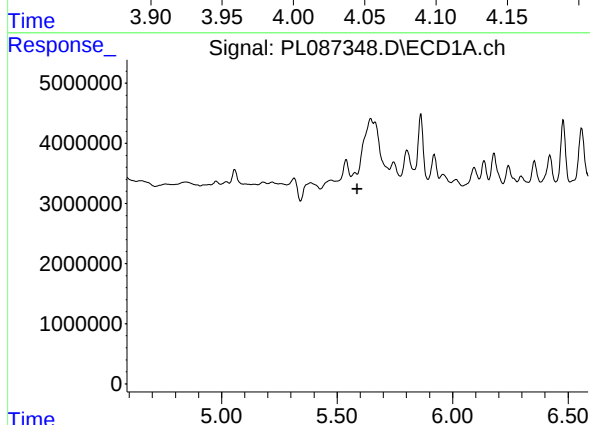
R.T.: 0.000 min
Exp R.T.: 4.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



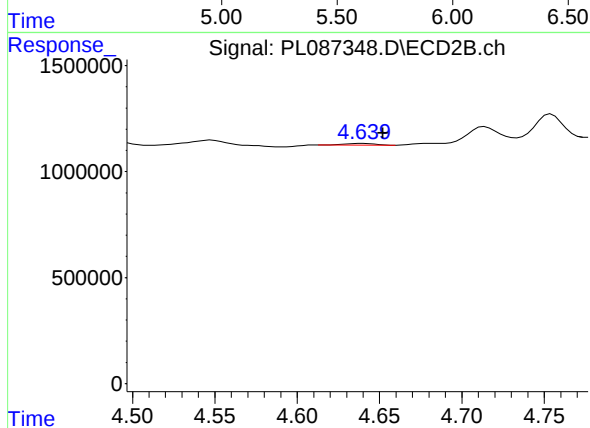
#7 delta-BHC

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 771178
Conc: 0.32 ng/ml



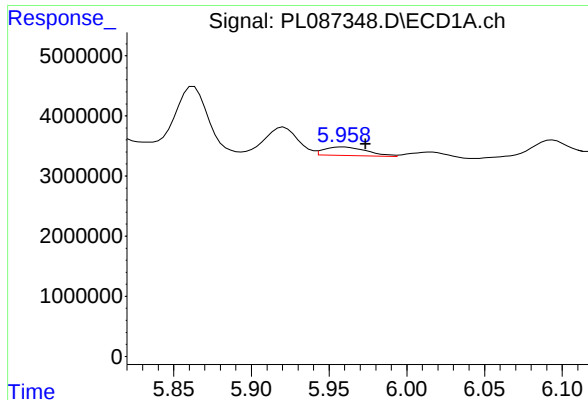
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: -1252860
Conc: N.D.



#8 Heptachlor epoxide

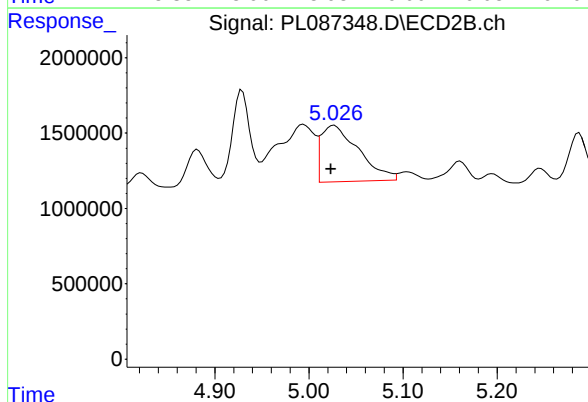
R.T.: 4.640 min
Delta R.T.: -0.012 min
Response: 86883
Conc: 0.04 ng/ml



#9 Endosulfan I

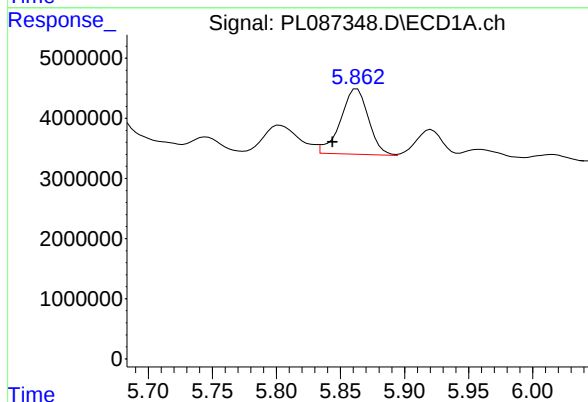
R.T.: 5.959 min
Delta R.T.: -0.014 min
Response: 2711678
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



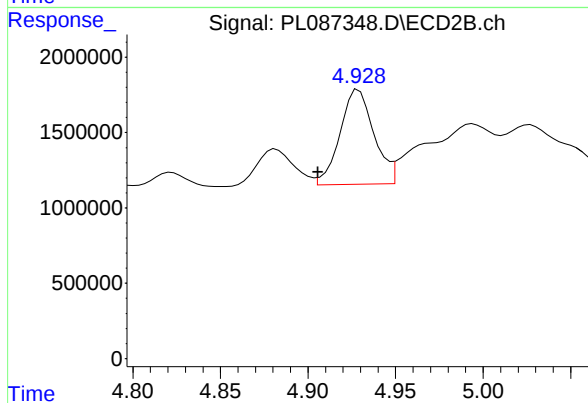
#9 Endosulfan I

R.T.: 5.027 min
Delta R.T.: 0.004 min
Response: 10392216
Conc: 4.81 ng/ml



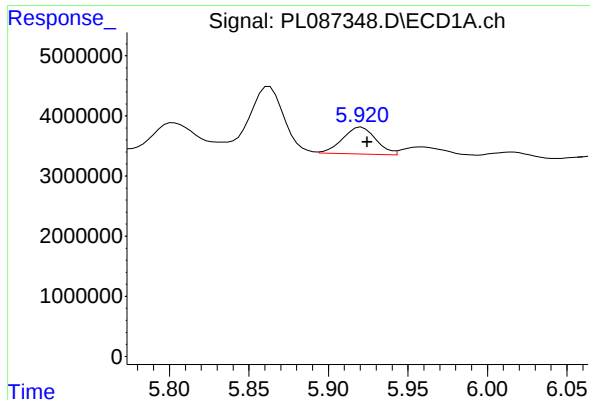
#10 gamma-Chlordane

R.T.: 5.863 min
Delta R.T.: 0.019 min
Response: 16609380
Conc: 3.43 ng/ml



#10 gamma-Chlordane

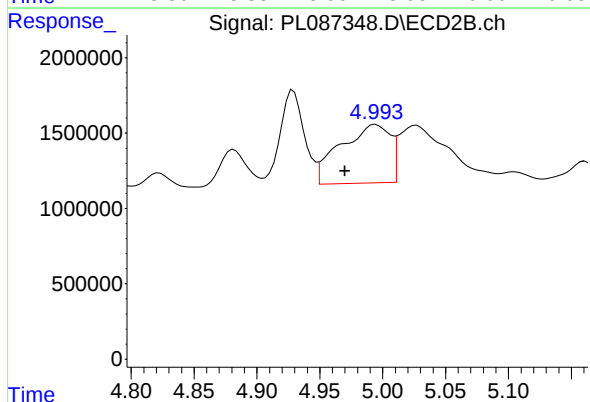
R.T.: 4.929 min
Delta R.T.: 0.023 min
Response: 8483047
Conc: 3.71 ng/ml



#11 alpha-Chlordane

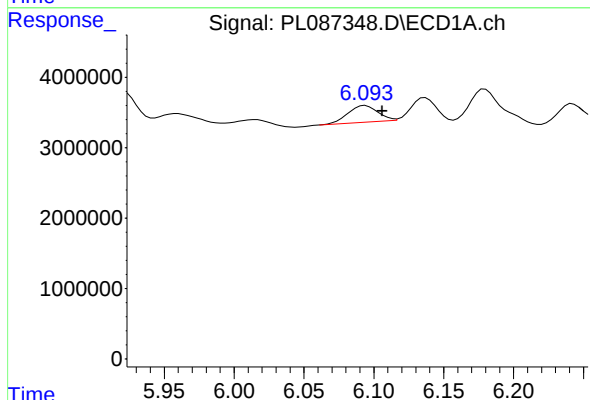
R.T.: 5.921 min
Delta R.T.: -0.004 min
Response: 6504275
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



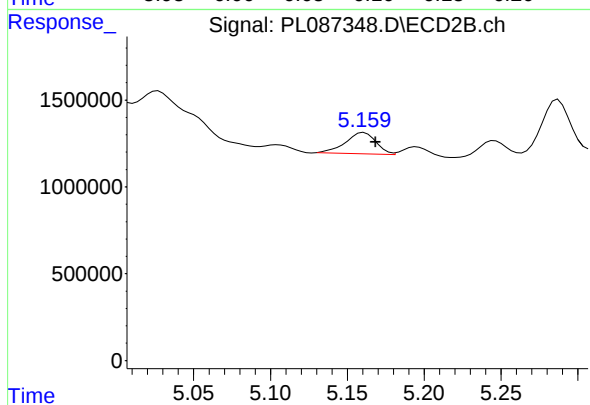
#11 alpha-Chlordane

R.T.: 4.994 min
Delta R.T.: 0.024 min
Response: 10678079
Conc: 4.63 ng/ml



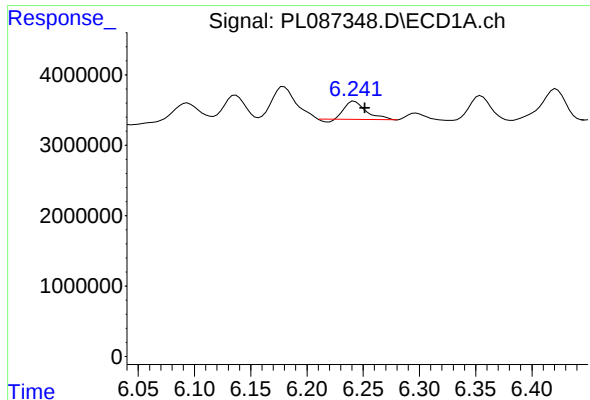
#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: -0.012 min
Response: 3596942
Conc: 0.87 ng/ml



#12 4,4'-DDE

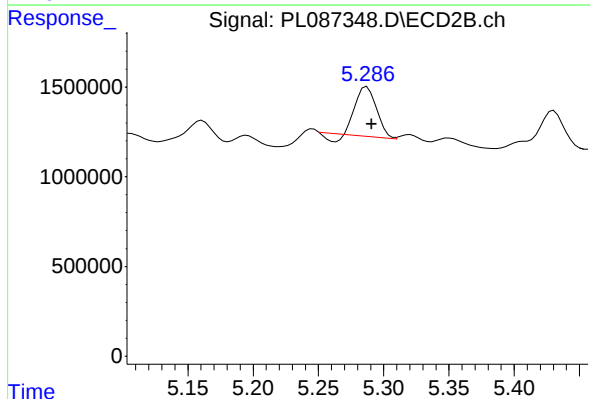
R.T.: 5.161 min
Delta R.T.: -0.008 min
Response: 1696532
Conc: 0.85 ng/ml



#13 Dieldrin

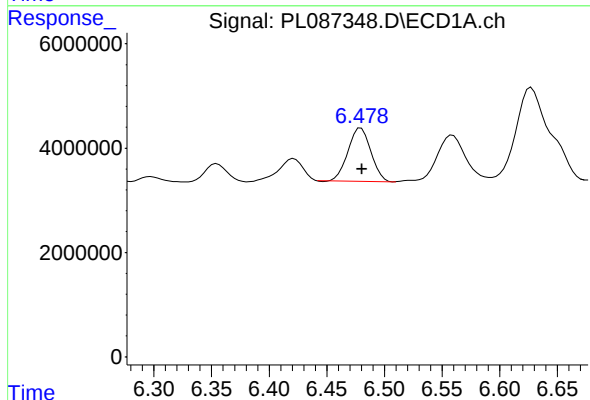
R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 3357840
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



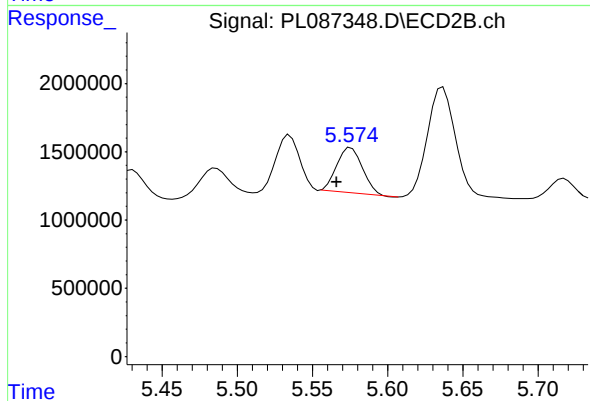
#13 Dieldrin

R.T.: 5.287 min
Delta R.T.: -0.004 min
Response: 2913659
Conc: 1.31 ng/ml



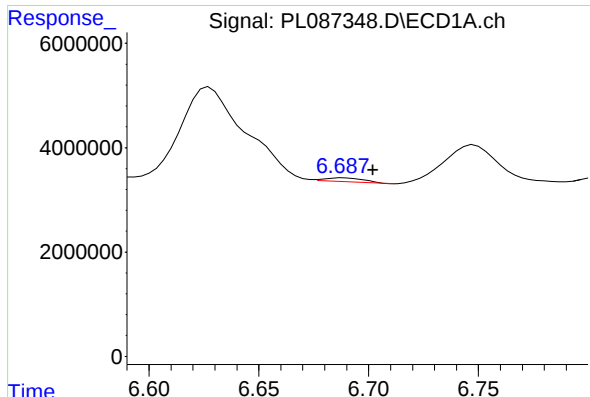
#14 Endrin

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 13967820
Conc: 3.63 ng/ml



#14 Endrin

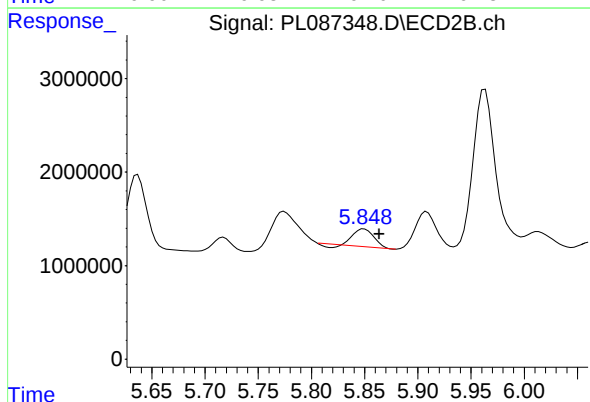
R.T.: 5.576 min
Delta R.T.: 0.009 min
Response: 3959163
Conc: 1.98 ng/ml



#15 Endosulfan II

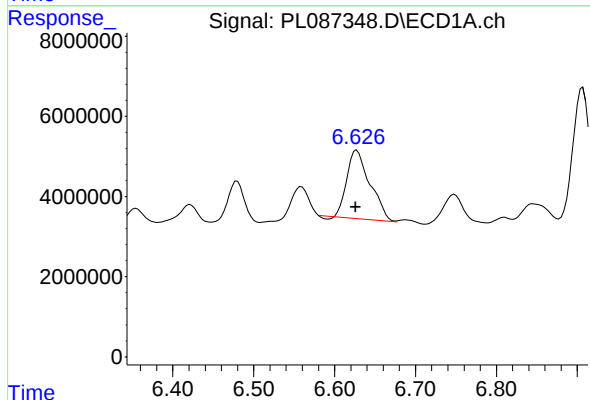
R.T.: 6.688 min
Delta R.T.: -0.014 min
Response: 932039
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



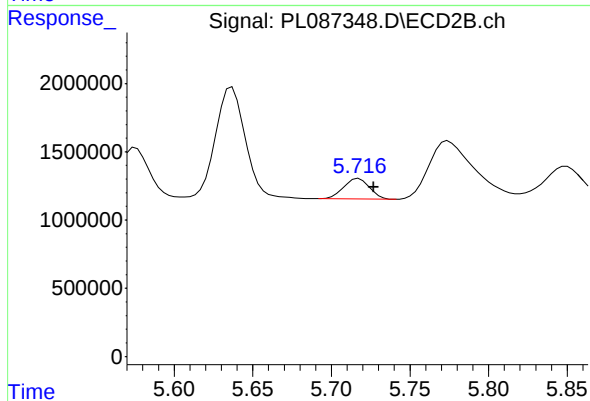
#15 Endosulfan II

R.T.: 5.849 min
Delta R.T.: -0.014 min
Response: 2364011
Conc: 1.21 ng/ml



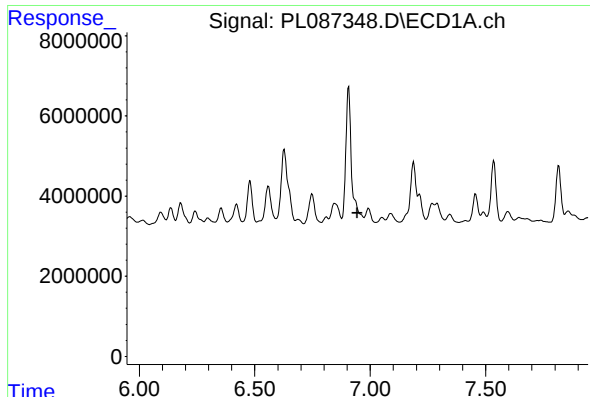
#16 4,4'-DDD

R.T.: 6.628 min
Delta R.T.: 0.002 min
Response: 33513506
Conc: 10.14 ng/ml



#16 4,4'-DDD

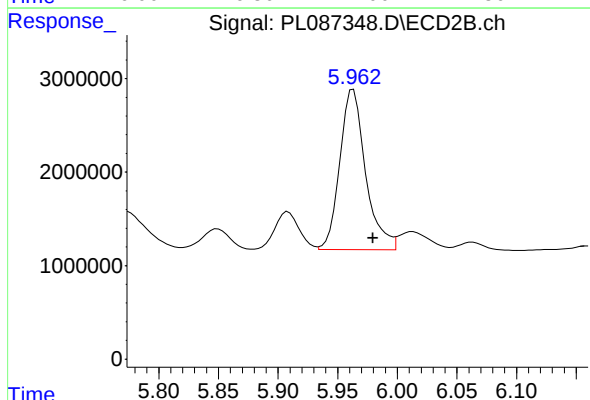
R.T.: 5.717 min
Delta R.T.: -0.009 min
Response: 1723673
Conc: 1.04 ng/ml



#17 4,4'-DDT

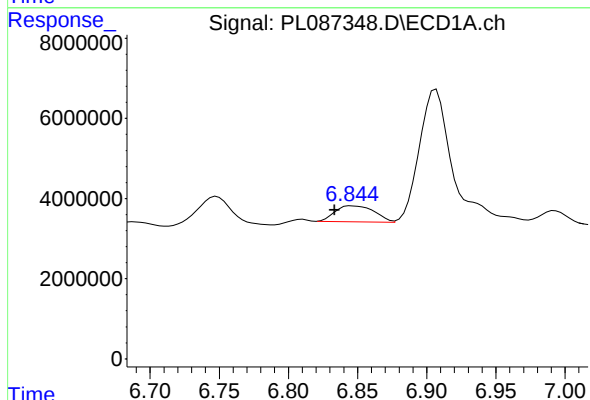
R.T.: 0.000 min
Exp R.T.: 6.943 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



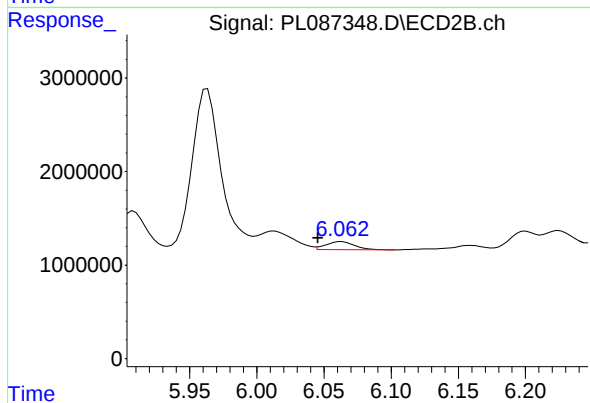
#17 4,4'-DDT

R.T.: 5.963 min
Delta R.T.: -0.016 min
Response: 25795336
Conc: 13.99 ng/ml



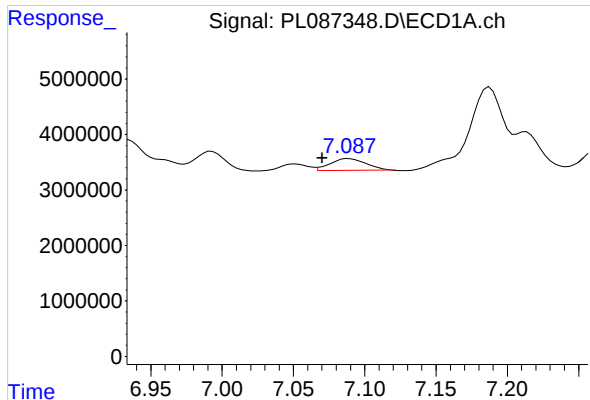
#18 Endrin aldehyde

R.T.: 6.846 min
Delta R.T.: 0.013 min
Response: 7827592
Conc: 2.70 ng/ml



#18 Endrin aldehyde

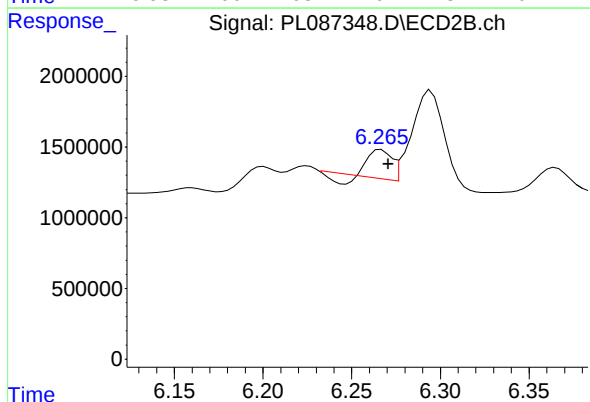
R.T.: 6.063 min
Delta R.T.: 0.017 min
Response: 1254394
Conc: 0.85 ng/ml



#19 Endosulfan Sulfate

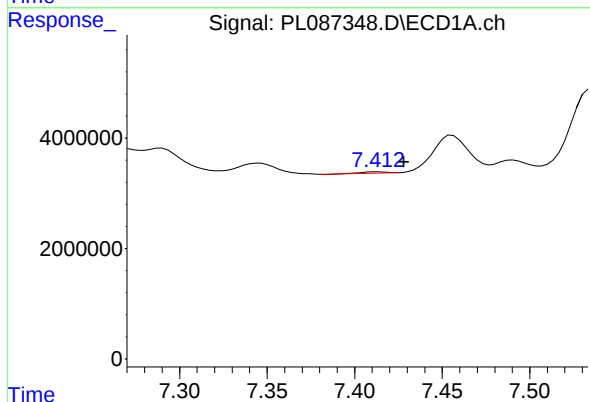
R.T.: 7.089 min
Delta R.T.: 0.019 min
Response: 3753885
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



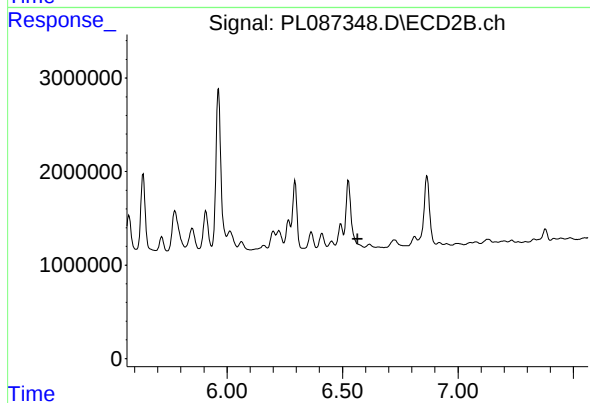
#19 Endosulfan Sulfate

R.T.: 6.267 min
Delta R.T.: -0.004 min
Response: 1408667
Conc: 0.75 ng/ml



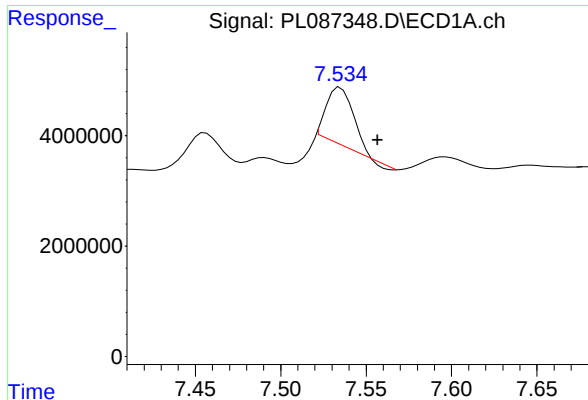
#20 Methoxychlor

R.T.: 7.413 min
Delta R.T.: -0.015 min
Response: 209771
Conc: 0.11 ng/ml



#20 Methoxychlor

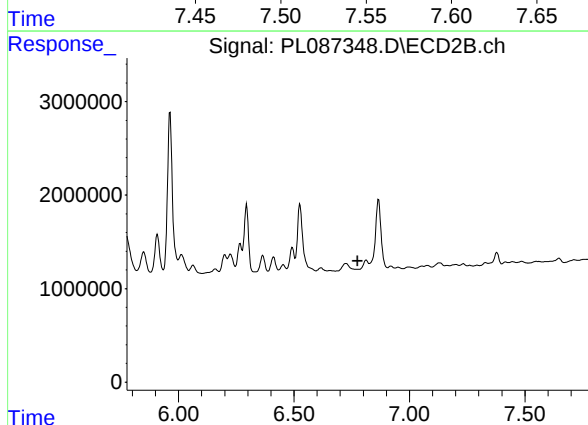
R.T.: 0.000 min
Exp R.T.: 6.566 min
Response: 0
Conc: N.D.



#21 Endrin ketone

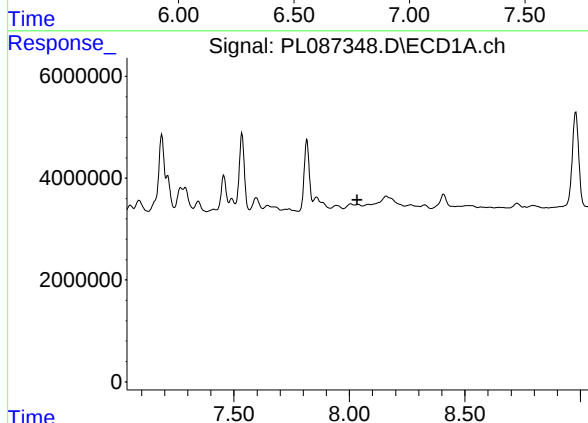
R.T.: 7.535 min
Delta R.T.: -0.022 min
Response: 11157444
Conc: 2.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



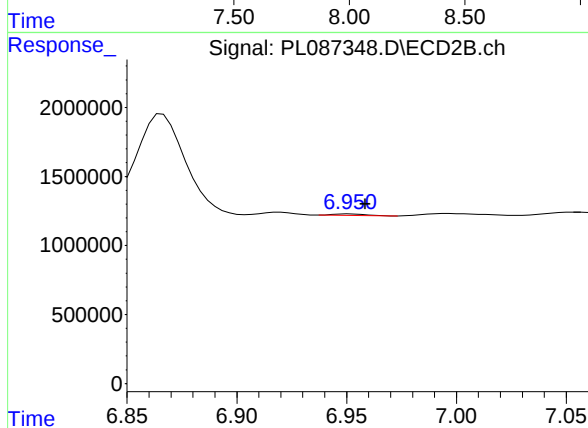
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.776 min
Response: 0
Conc: N.D.



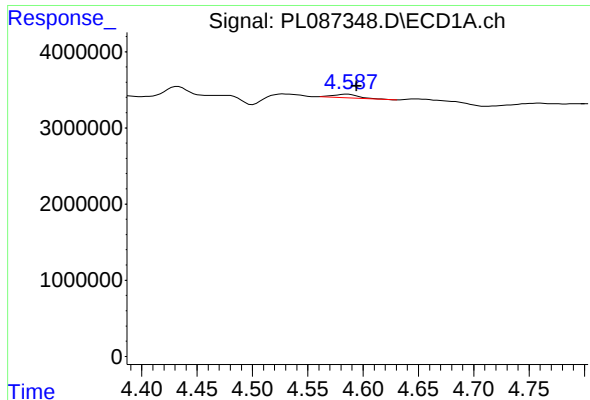
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.034 min
Response: 0
Conc: N.D.



#22 Mirex

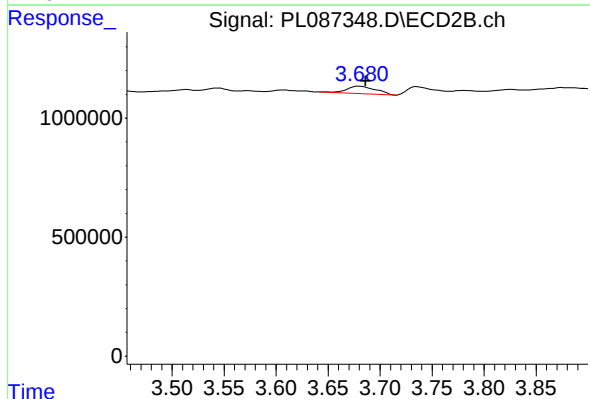
R.T.: 6.952 min
Delta R.T.: -0.007 min
Response: 118980
Conc: 0.07 ng/ml



#23 Chlordane-1

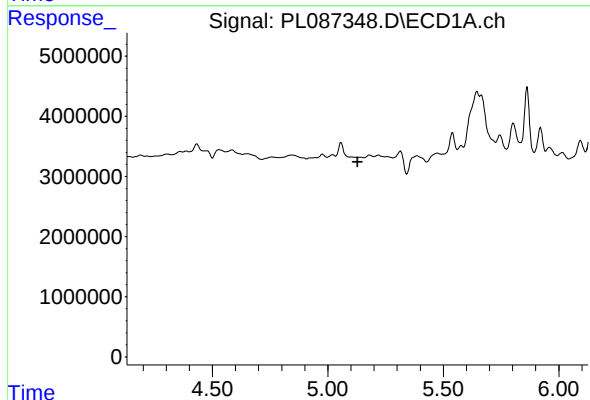
R.T.: 4.586 min
Delta R.T.: -0.008 min
Response: 785556
Conc: 4.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



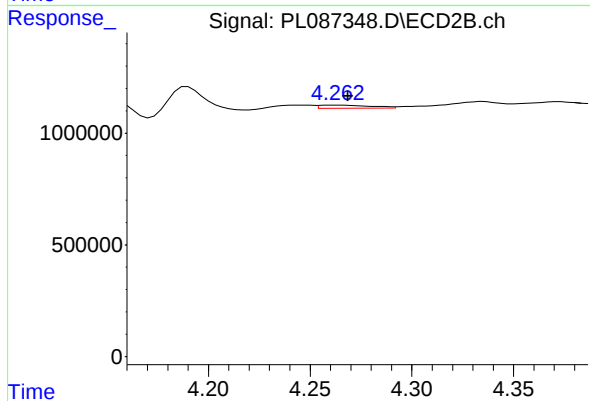
#23 Chlordane-1

R.T.: 3.680 min
Delta R.T.: -0.006 min
Response: 601408
Conc: 9.69 ng/ml



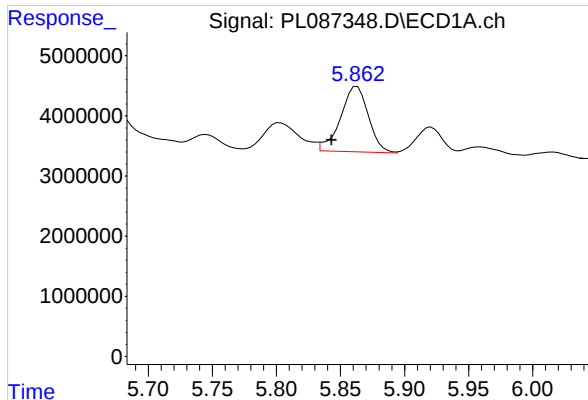
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.128 min
Response: 0
Conc: N.D.



#24 Chlordane-2

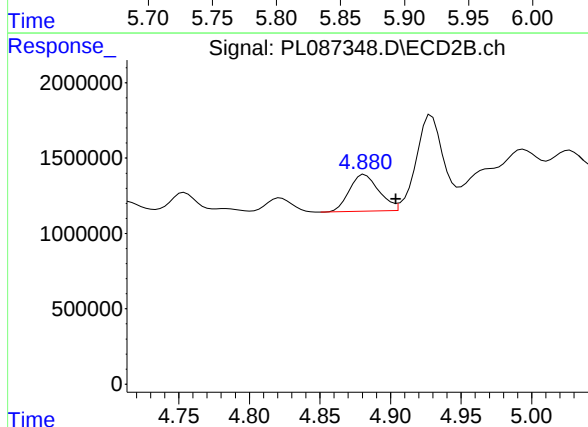
R.T.: 4.264 min
Delta R.T.: -0.005 min
Response: 242588
Conc: 3.16 ng/ml



#25 Chlordane-3

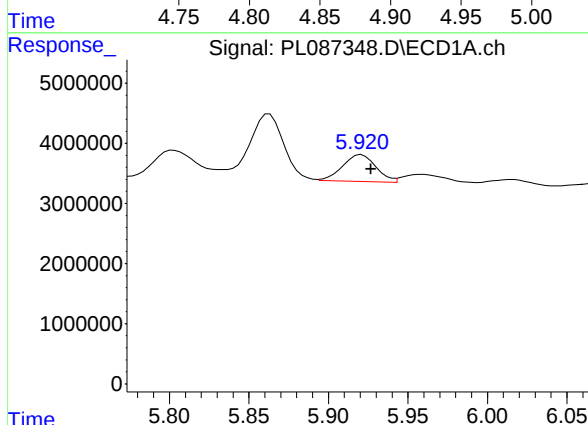
R.T.: 5.863 min
Delta R.T.: 0.020 min
Response: 16609380
Conc: 23.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



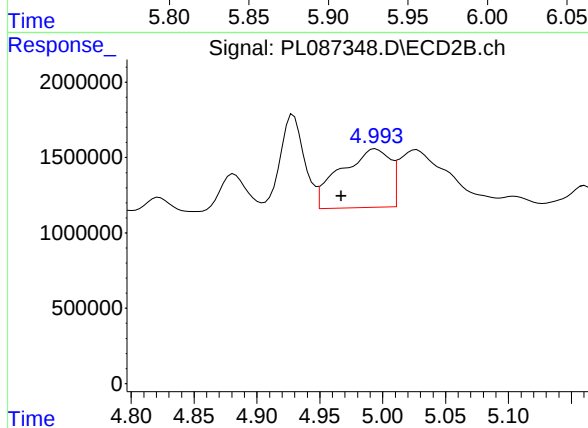
#25 Chlordane-3

R.T.: 4.882 min
Delta R.T.: -0.022 min
Response: 3565593
Conc: 16.13 ng/ml



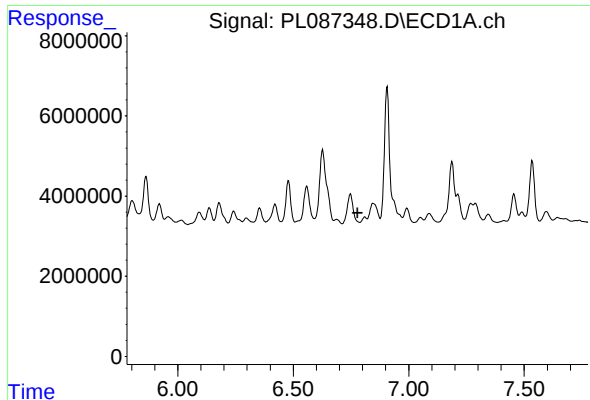
#26 Chlordane-4

R.T.: 5.921 min
Delta R.T.: -0.006 min
Response: 6504275
Conc: 7.61 ng/ml



#26 Chlordane-4

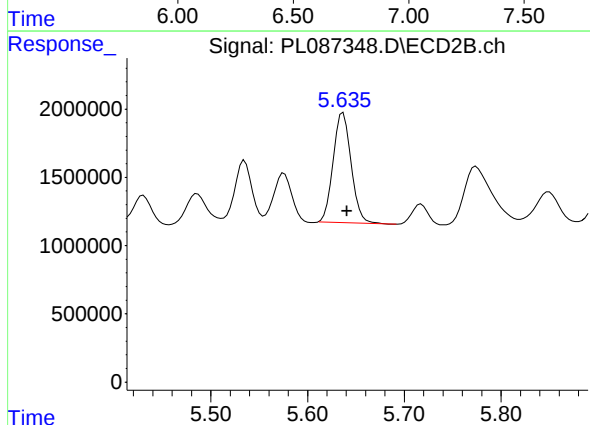
R.T.: 4.994 min
Delta R.T.: 0.027 min
Response: 10678079
Conc: 45.86 ng/ml



#27 Chlordane-5

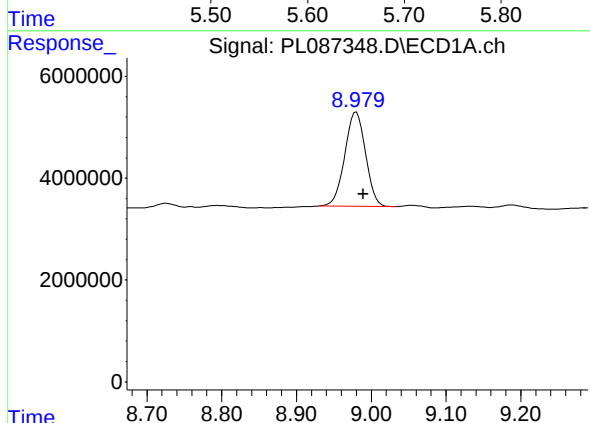
R.T.: 0.000 min
Exp R.T.: 6.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
GHL-SS-62



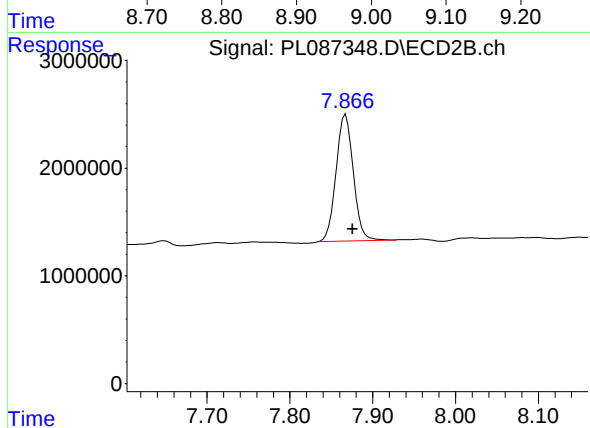
#27 Chlordane-5

R.T.: 5.637 min
Delta R.T.: -0.004 min
Response: 10475646
Conc: 161.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 35641723
Conc: 10.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.008 min
Response: 16980724
Conc: 10.05 ng/ml