

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
 Data File : PL086133.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 19:52
 Operator : AR\AJ
 Sample : 05012-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 21:24:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.354	2.621	31039270	10190300	10.436	10.909
28)	SA Decachlor...	8.853	7.772	32937387	14088498	15.122	15.264
Target Compounds							
2)	A alpha-BHC	3.789f	0.000	1850281	0	0.431	N.D. #
3)	MA gamma-BHC...	4.138	0.000	3728594	0	0.902	N.D. #
4)	MA Heptachlor	4.760f	3.786	843275	375357	0.218	0.323 #
5)	MB Aldrin	0.000	4.055	0	343701	N.D.	0.307 #
6)	B beta-BHC	4.357	3.754	3054910	397971	1.847	0.764 #
7)	B delta-BHC	4.589	3.975	2893780	114170	0.755	0.099 #
8)	B Heptachlo...	5.494	4.563	210220	198848	0.061	0.198 #
9)	A Endosulfan I	0.000	4.950f	0	628780	N.D.	0.586 #
10)	B gamma-Chl...	5.753	4.809	17865882	2182146	5.222	2.203 #
11)	B alpha-Chl...	5.837	4.878	22747799	2763953	6.656	2.534 #
12)	B 4,4'-DDE	6.016	5.078	25773926	6935000	9.216	8.446
13)	MA Dieldrin	6.166	5.205	1347539	728789	0.410	0.751 #
14)	MA Endrin	6.394	5.492f	1093195	506298	0.384	0.563 #
15)	B Endosulfa...	6.609	5.765	5712129	624021	2.073	0.656 #
16)	A 4,4'-DDD	6.542	5.634	3315144	515114	1.646	0.740 #
17)	MA 4,4'-DDT	6.850	5.882	3506434	2013830	1.488	2.547 #
18)	B Endrin al...	0.000	5.950	0	2709243	N.D.	3.633 #
19)	B Endosulfa...	6.963f	6.180	979103	489858	0.390	0.543 #
21)	B Endrin ke...	7.447	0.000	2438139	0	0.846	N.D. #
22)	Mirex	0.000	6.853	0	60034	N.D.	0.064 #
23)	Chlordane-1	0.000	3.608	0	544146	N.D.	16.692 #
24)	Chlordane-2	5.040	4.189	7148921	987524	54.973	25.377 #
25)	Chlordane-3	5.753	4.809	17865882	2182146	35.017	21.595 #
26)	Chlordane-4	5.837	4.878	22747799	2763953	35.855	23.872 #
27)	Chlordane-5	6.666f	5.554	1331144	704062	12.976	25.261 #

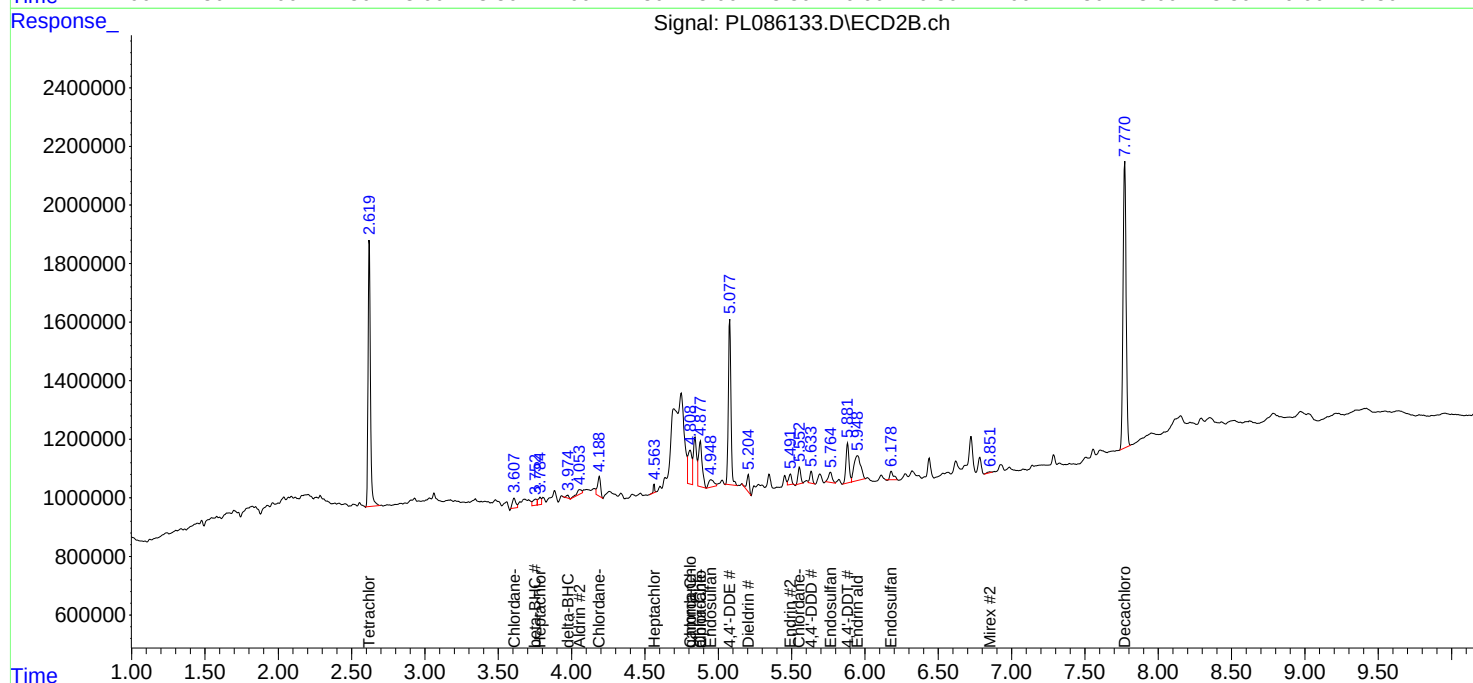
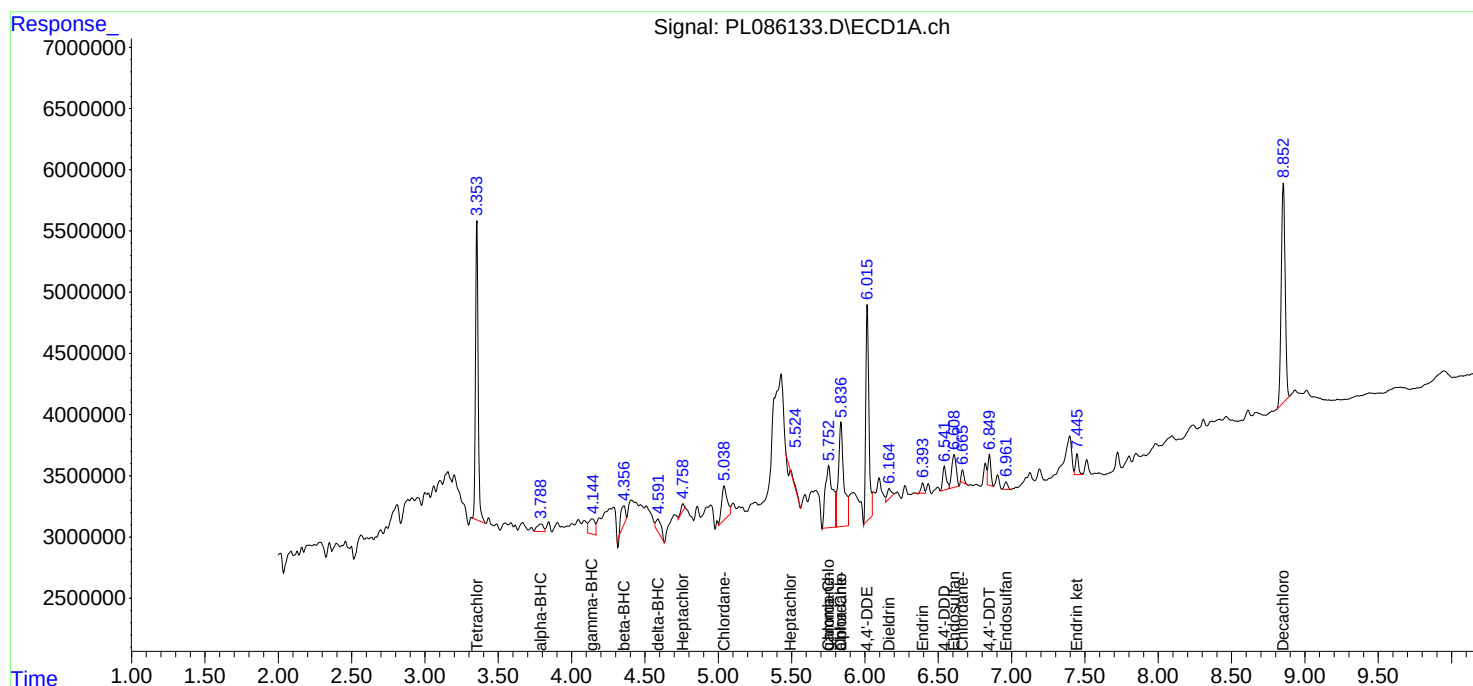
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

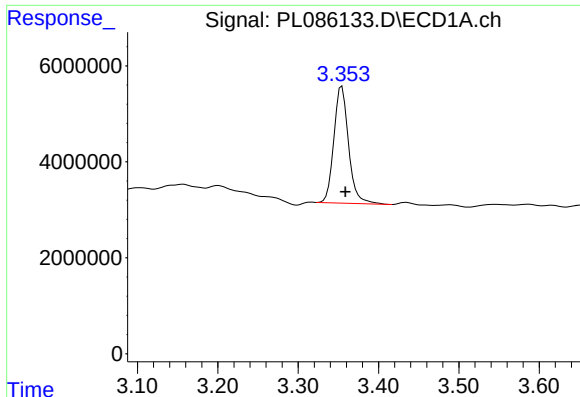
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

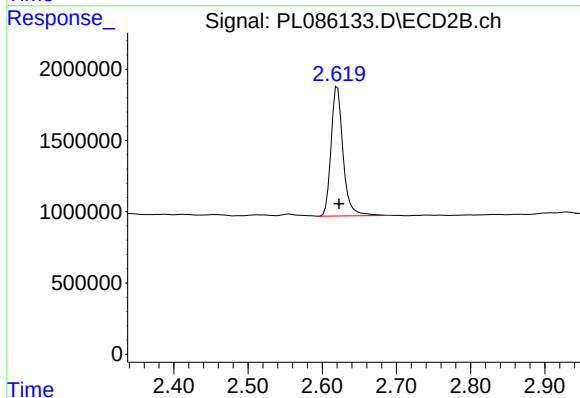




#1 Tetrachloro-m-xylene

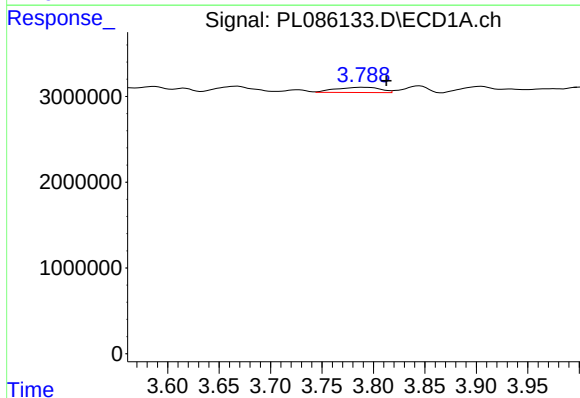
R.T.: 3.354 min
Delta R.T.: -0.005 min
Response: 31039270
Conc: 10.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



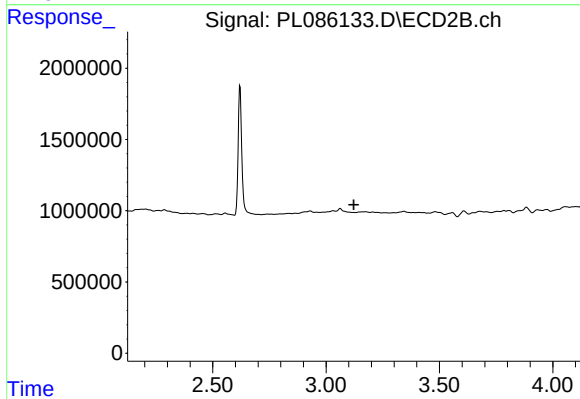
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 10190300
Conc: 10.91 ng/ml



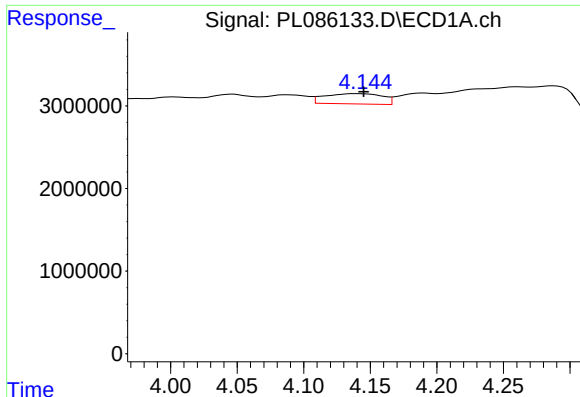
#2 alpha-BHC

R.T.: 3.789 min
Delta R.T.: -0.024 min
Response: 1850281
Conc: 0.43 ng/ml



#2 alpha-BHC

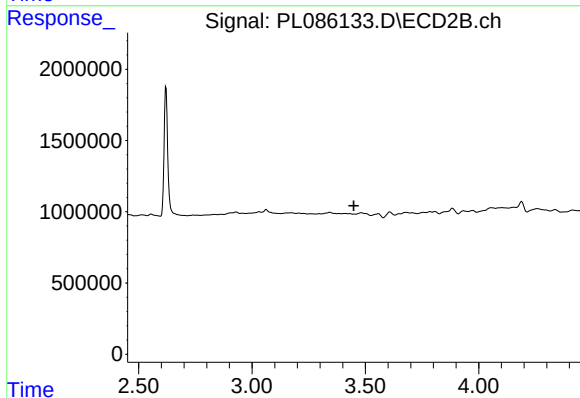
R.T.: 0.000 min
Exp R.T. : 3.122 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

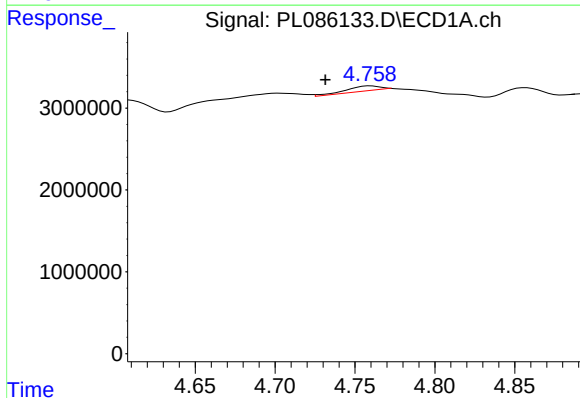
R.T.: 4.138 min
Delta R.T.: -0.007 min
Response: 3728594
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



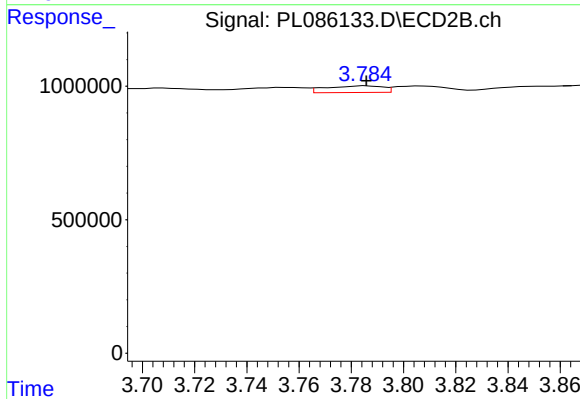
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 3.449 min
Response: 0
Conc: N.D.



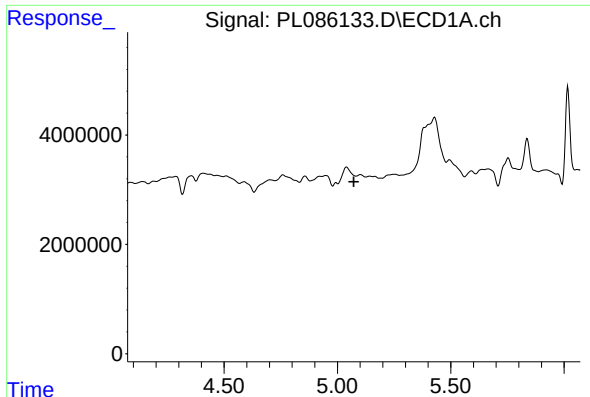
#4 Heptachlor

R.T.: 4.760 min
Delta R.T.: 0.028 min
Response: 843275
Conc: 0.22 ng/ml



#4 Heptachlor

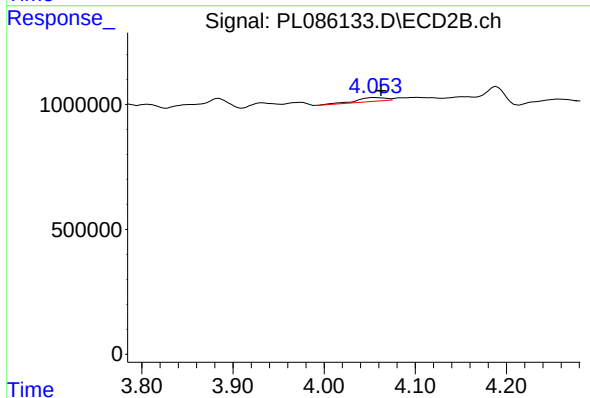
R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 375357
Conc: 0.32 ng/ml



#5 Aldrin

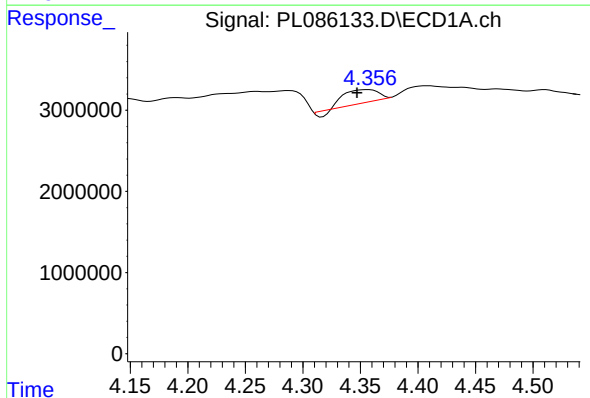
R.T.: 0.000 min
Exp R.T.: 5.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



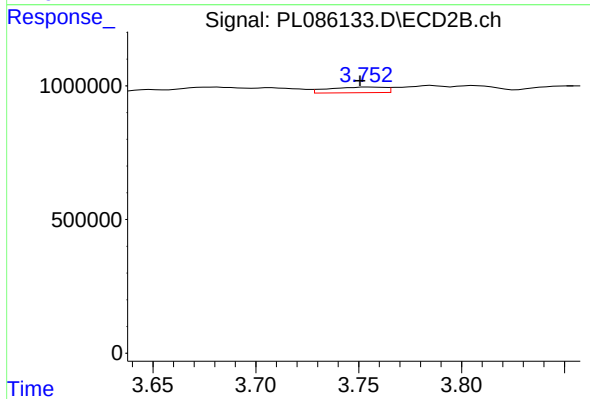
#5 Aldrin

R.T.: 4.055 min
Delta R.T.: -0.008 min
Response: 343701
Conc: 0.31 ng/ml



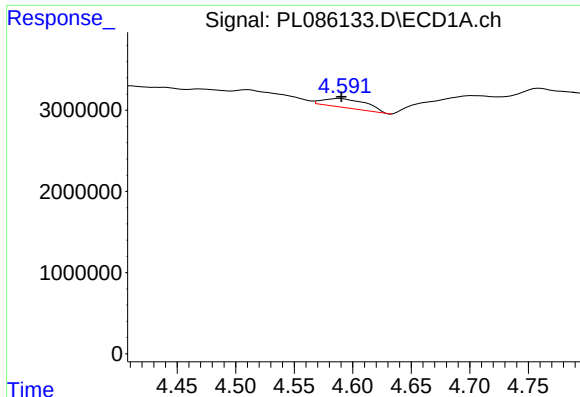
#6 beta-BHC

R.T.: 4.357 min
Delta R.T.: 0.010 min
Response: 3054910
Conc: 1.85 ng/ml



#6 beta-BHC

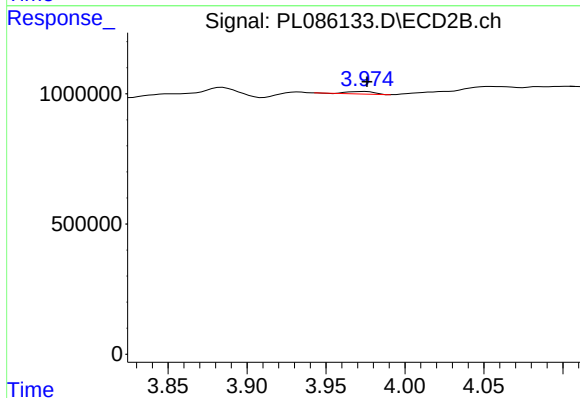
R.T.: 3.754 min
Delta R.T.: 0.004 min
Response: 397971
Conc: 0.76 ng/ml



#7 delta-BHC

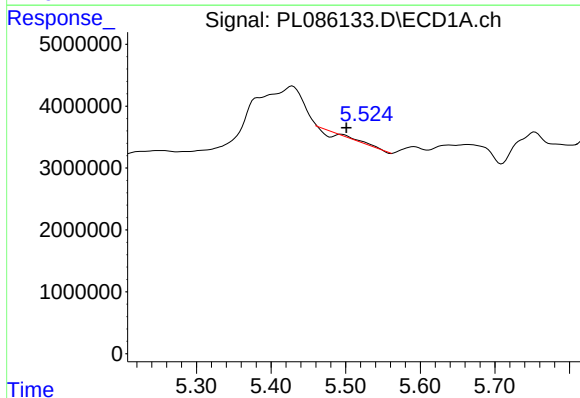
R.T.: 4.589 min
Delta R.T.: -0.002 min
Response: 2893780
Conc: 0.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



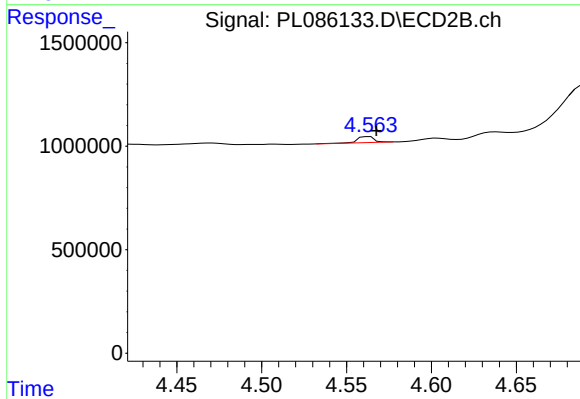
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 114170
Conc: 0.10 ng/ml



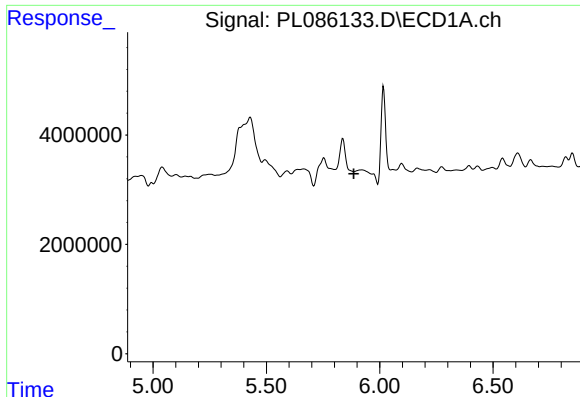
#8 Heptachlor epoxide

R.T.: 5.494 min
Delta R.T.: -0.006 min
Response: 210220
Conc: 0.06 ng/ml



#8 Heptachlor epoxide

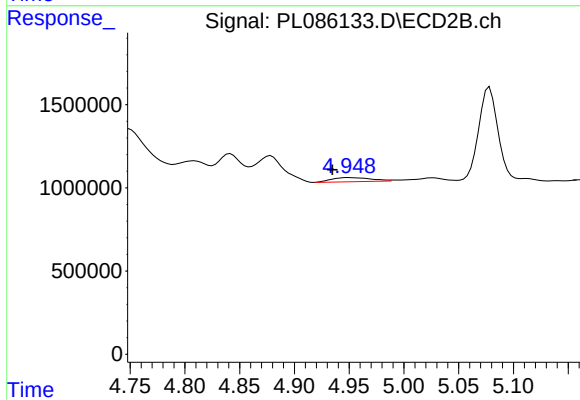
R.T.: 4.563 min
Delta R.T.: -0.005 min
Response: 198848
Conc: 0.20 ng/ml



#9 Endosulfan I

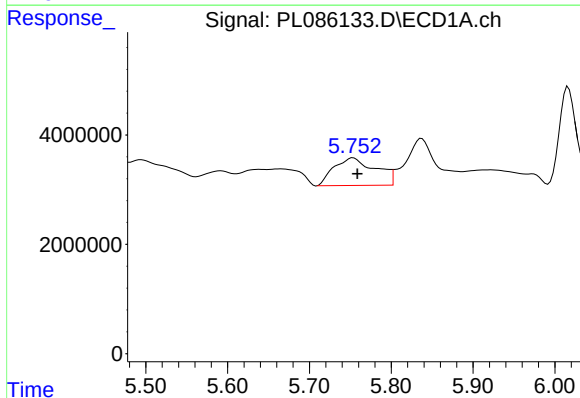
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



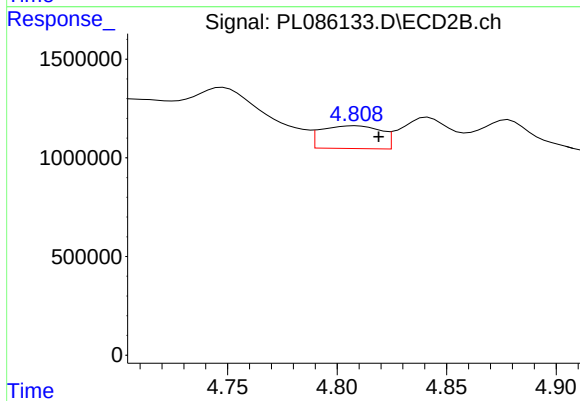
#9 Endosulfan I

R.T.: 4.950 min
Delta R.T.: 0.015 min
Response: 628780
Conc: 0.59 ng/ml



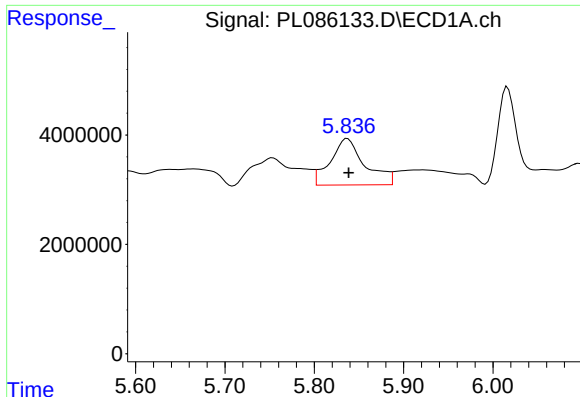
#10 gamma-Chlordane

R.T.: 5.753 min
Delta R.T.: -0.005 min
Response: 17865882
Conc: 5.22 ng/ml



#10 gamma-Chlordane

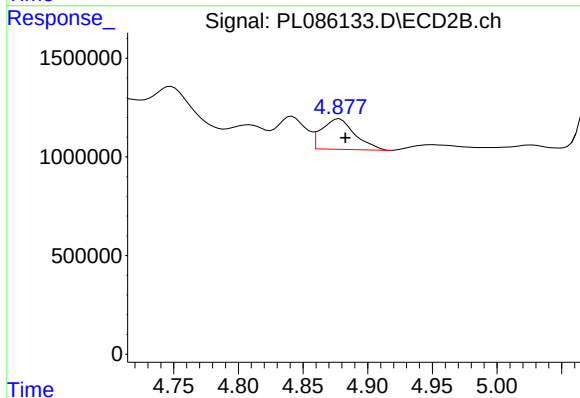
R.T.: 4.809 min
Delta R.T.: -0.010 min
Response: 2182146
Conc: 2.20 ng/ml



#11 alpha-Chlordane

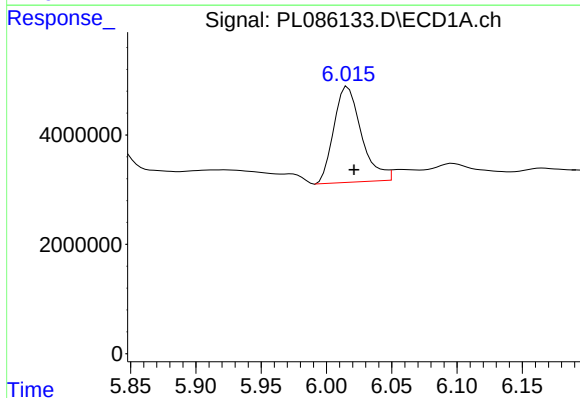
R.T.: 5.837 min
Delta R.T.: -0.001 min
Response: 22747799
Conc: 6.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



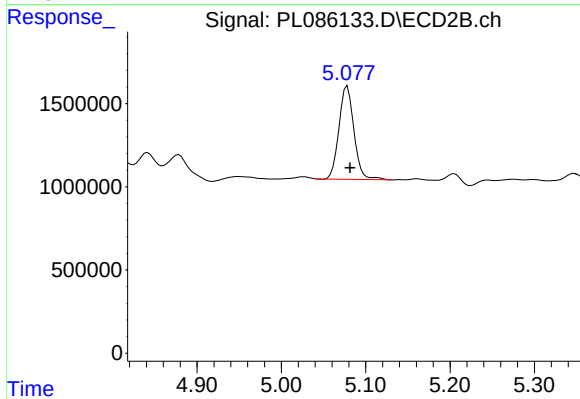
#11 alpha-Chlordane

R.T.: 4.878 min
Delta R.T.: -0.005 min
Response: 2763953
Conc: 2.53 ng/ml



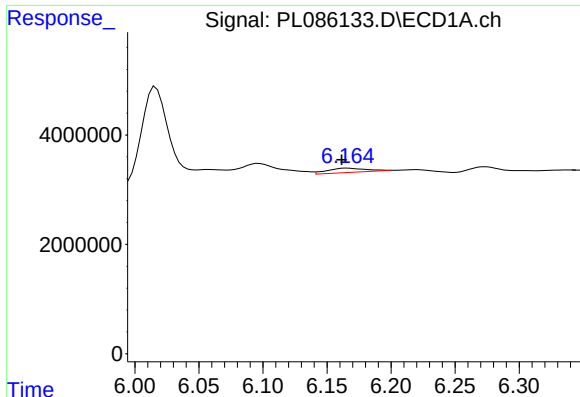
#12 4,4'-DDE

R.T.: 6.016 min
Delta R.T.: -0.005 min
Response: 25773926
Conc: 9.22 ng/ml



#12 4,4'-DDE

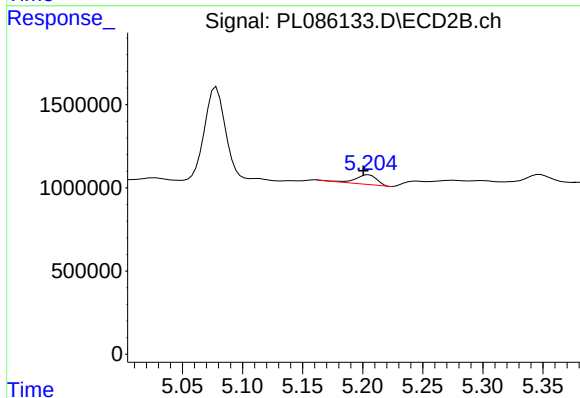
R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 6935000
Conc: 8.45 ng/ml



#13 Dieldrin

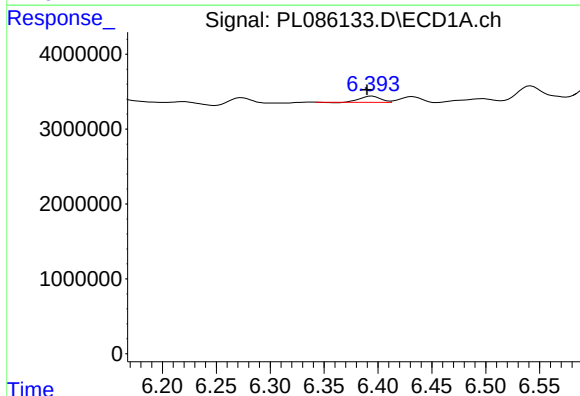
R.T.: 6.166 min
Delta R.T.: 0.004 min
Response: 1347539
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



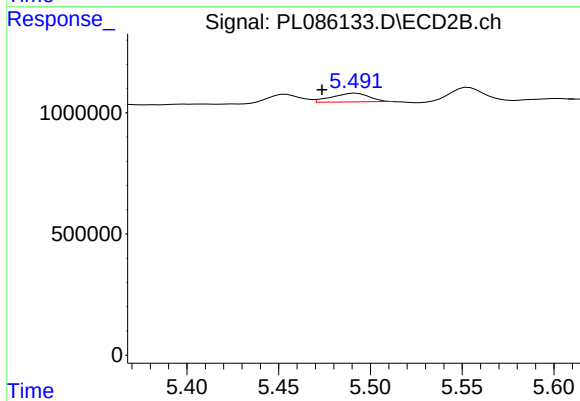
#13 Dieldrin

R.T.: 5.205 min
Delta R.T.: 0.005 min
Response: 728789
Conc: 0.75 ng/ml



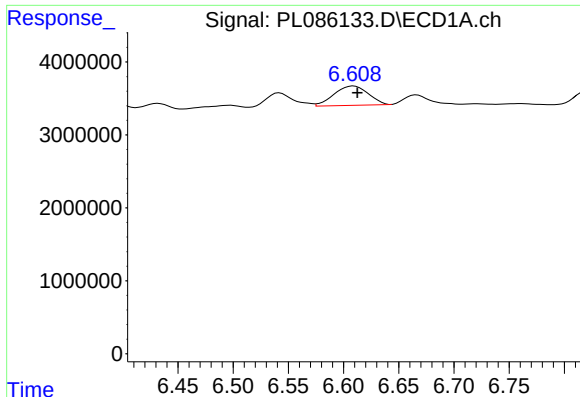
#14 Endrin

R.T.: 6.394 min
Delta R.T.: 0.004 min
Response: 1093195
Conc: 0.38 ng/ml



#14 Endrin

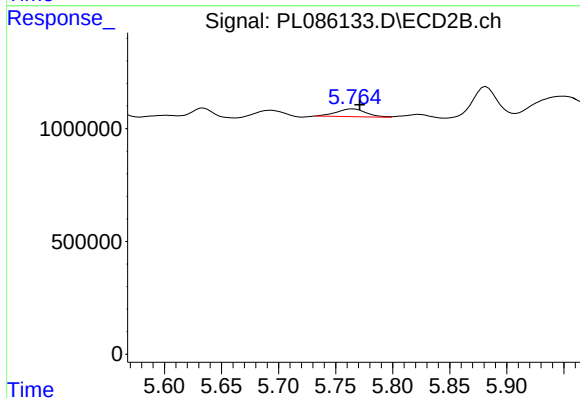
R.T.: 5.492 min
Delta R.T.: 0.018 min
Response: 506298
Conc: 0.56 ng/ml



#15 Endosulfan II

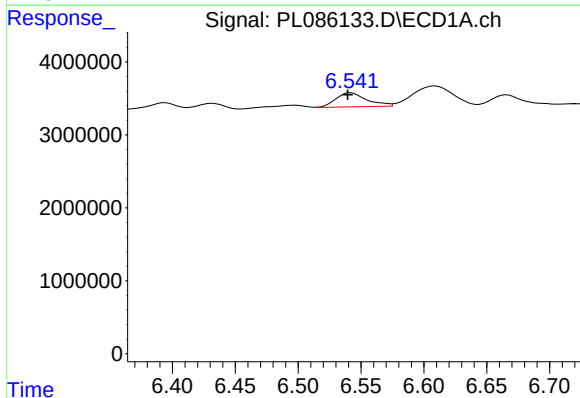
R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 5712129
Conc: 2.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



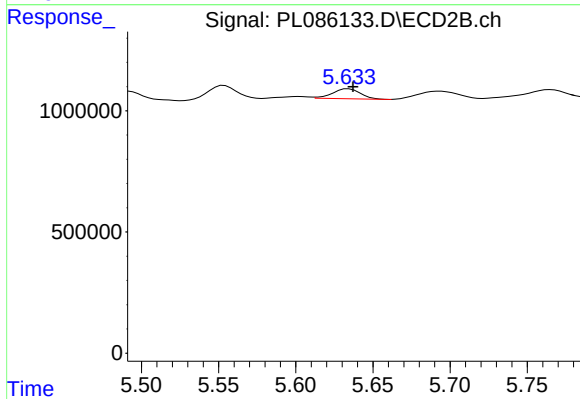
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: -0.006 min
Response: 624021
Conc: 0.66 ng/ml



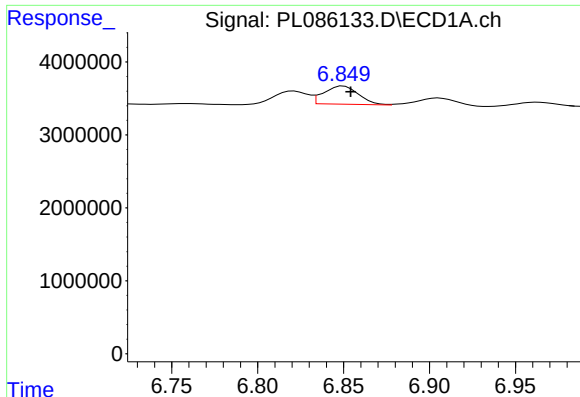
#16 4,4'-DDD

R.T.: 6.542 min
Delta R.T.: 0.003 min
Response: 3315144
Conc: 1.65 ng/ml



#16 4,4'-DDD

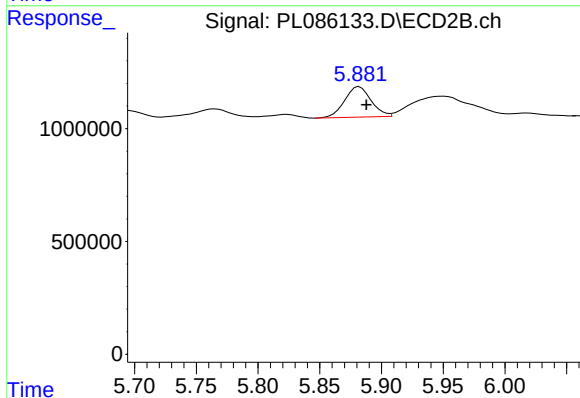
R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 515114
Conc: 0.74 ng/ml



#17 4,4'-DDT

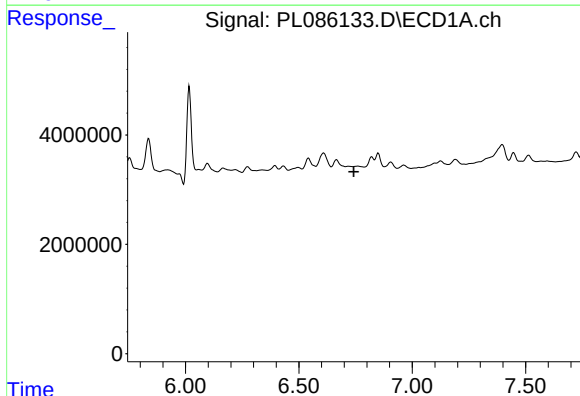
R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 3506434
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



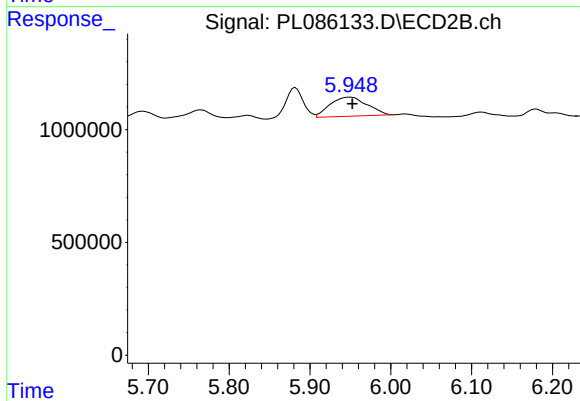
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.006 min
Response: 2013830
Conc: 2.55 ng/ml



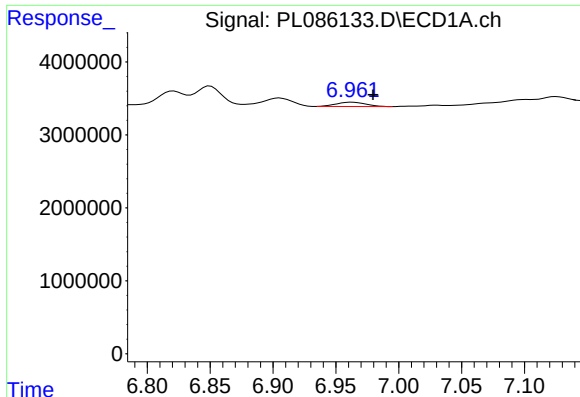
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.743 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

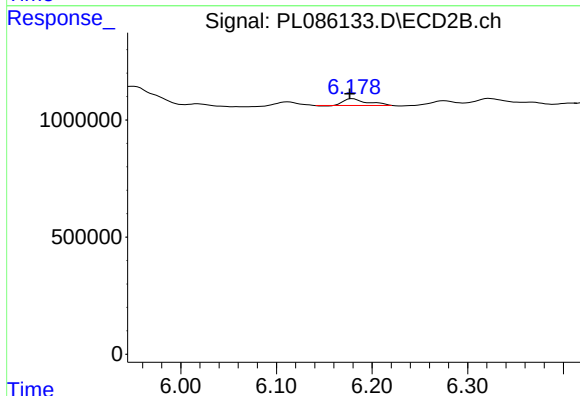
R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 2709243
Conc: 3.63 ng/ml



#19 Endosulfan Sulfate

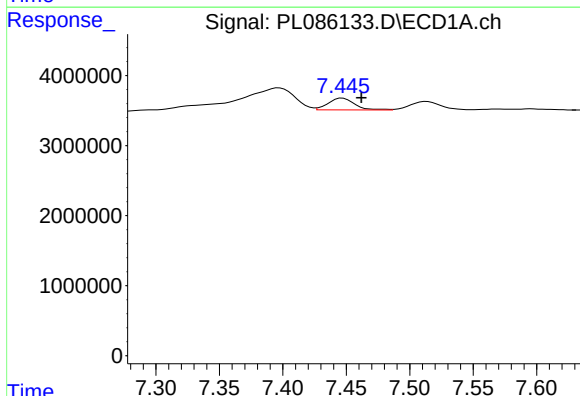
R.T.: 6.963 min
Delta R.T.: -0.016 min
Response: 979103
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



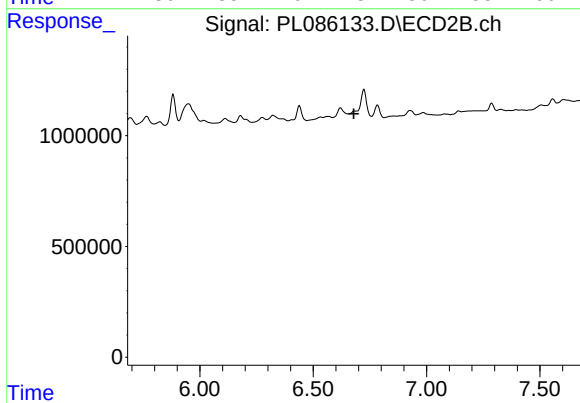
#19 Endosulfan Sulfate

R.T.: 6.180 min
Delta R.T.: 0.003 min
Response: 489858
Conc: 0.54 ng/ml



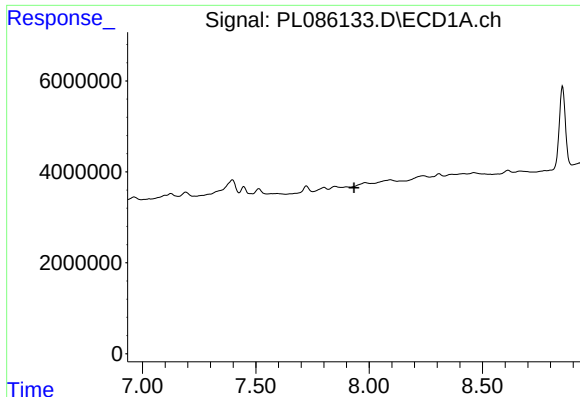
#21 Endrin ketone

R.T.: 7.447 min
Delta R.T.: -0.015 min
Response: 2438139
Conc: 0.85 ng/ml



#21 Endrin ketone

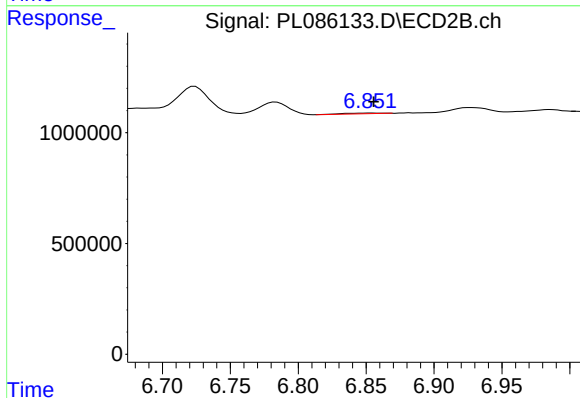
R.T.: 0.000 min
Exp R.T. : 6.678 min
Response: 0
Conc: N.D.



#22 Mirex

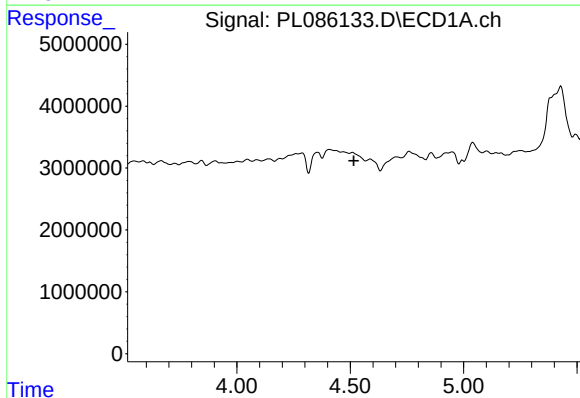
R.T.: 0.000 min
Exp R.T. : 7.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



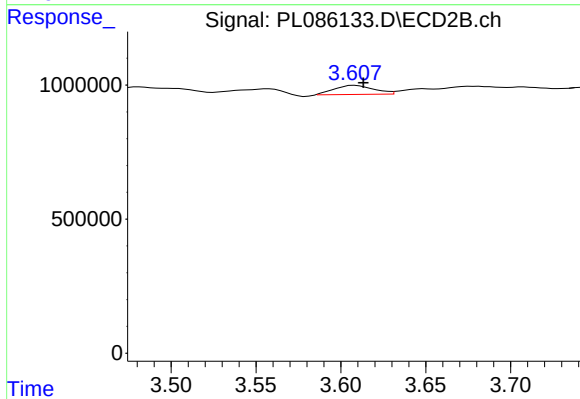
#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 60034
Conc: 0.06 ng/ml



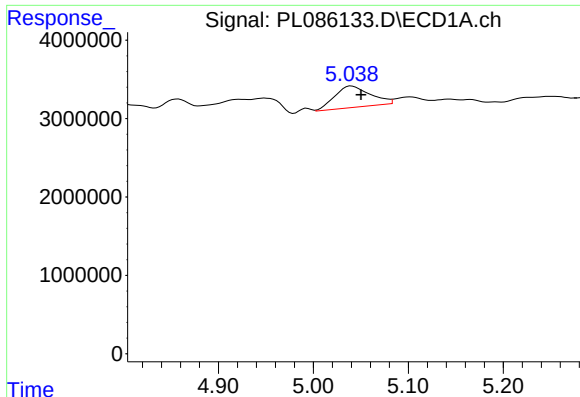
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.516 min
Response: 0
Conc: N.D.



#23 Chlordane-1

R.T.: 3.608 min
Delta R.T.: -0.005 min
Response: 544146
Conc: 16.69 ng/ml



#24 Chlordane-2

R.T.: 5.040 min
Delta R.T.: -0.010 min
Response: 7148921
Conc: 54.97 ng/ml

Instrument :
ECD_L
ClientSampleId :

#24 Chlordane-2

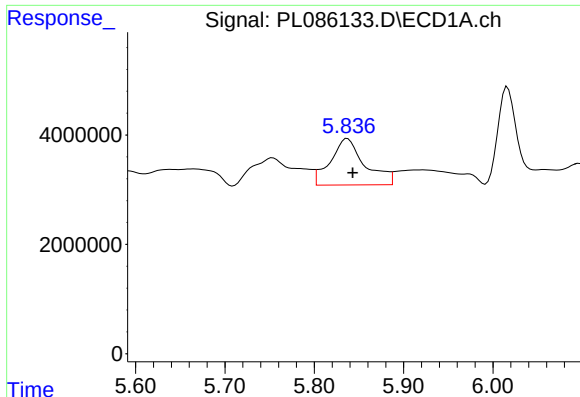
R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 987524
Conc: 25.38 ng/ml

#25 Chlordane-3

R.T.: 5.753 min
Delta R.T.: -0.007 min
Response: 17865882
Conc: 35.02 ng/ml

#25 Chlordane-3

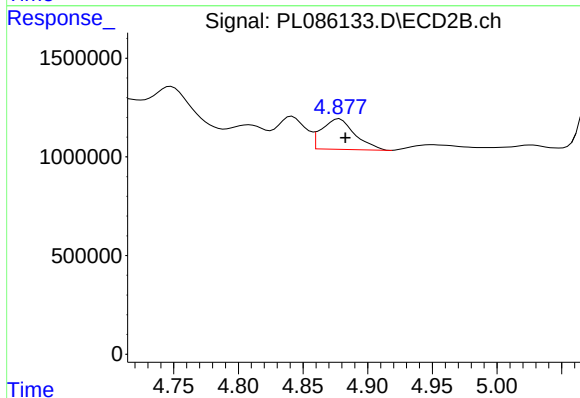
R.T.: 4.809 min
Delta R.T.: -0.011 min
Response: 2182146
Conc: 21.60 ng/ml



#26 Chlordane-4

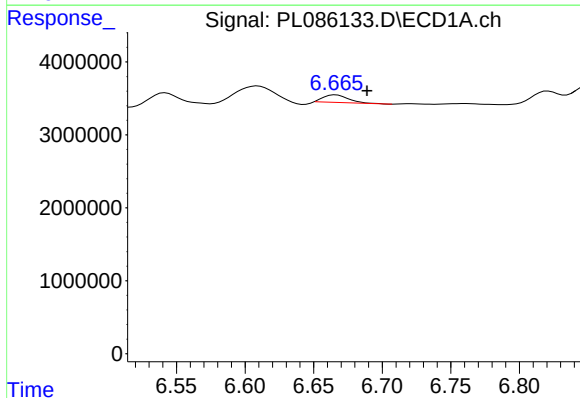
R.T.: 5.837 min
Delta R.T.: -0.006 min
Response: 22747799
Conc: 35.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



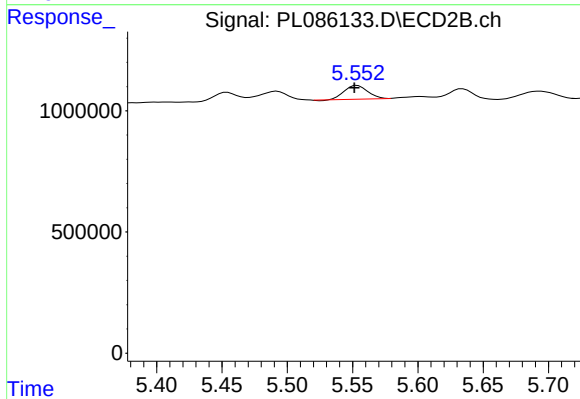
#26 Chlordane-4

R.T.: 4.878 min
Delta R.T.: -0.004 min
Response: 2763953
Conc: 23.87 ng/ml



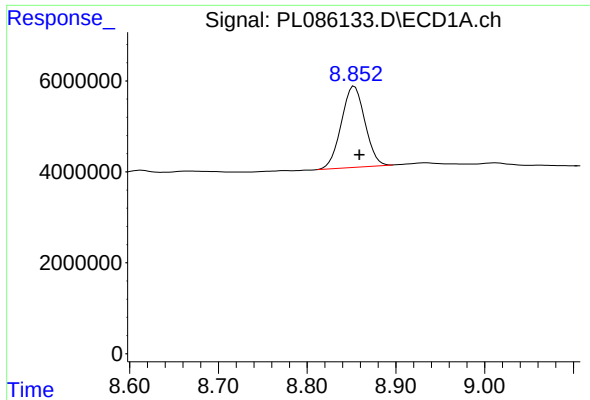
#27 Chlordane-5

R.T.: 6.666 min
Delta R.T.: -0.023 min
Response: 1331144
Conc: 12.98 ng/ml



#27 Chlordane-5

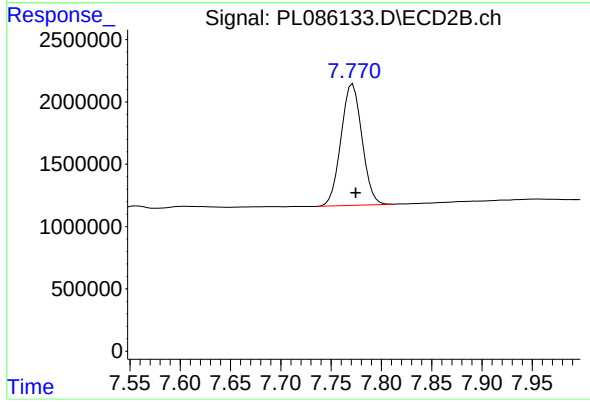
R.T.: 5.554 min
Delta R.T.: 0.002 min
Response: 704062
Conc: 25.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: -0.005 min
Response: 32937387
Conc: 15.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 14088498
Conc: 15.26 ng/ml