

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
 Data File : PL082741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2023 18:55
 Operator : AR\AJ
 Sample : 02798-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WATERWITCH-AVE-SAMPLE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 21:50:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.641	52407514	45672543	19.619	19.714
28)	SA Decachlor...	8.739	7.749	31957092	30572508	16.740	13.394
Target Compounds							
2)	A alpha-BHC	0.000	3.134	0	293951	N.D.	0.086 #
3)	MA gamma-BHC...	0.000	3.473	0	2817679	N.D.	0.876 #
4)	MA Heptachlor	4.652f	3.809	3987215	112688	1.091	0.033 #
5)	MB Aldrin	5.009	4.087	136149	668832	0.041	0.212 #
6)	B beta-BHC	4.308	3.786	881938	306261	0.517	0.224 #
7)	B delta-BHC	4.536	3.988	3664751	407655	1.019	0.133 #
8)	B Heptachlo...	5.441	4.573	670077	218334	0.220	0.076 #
9)	A Endosulfan I	5.815	4.974f	898285	4066215	0.324	1.523 #
10)	B gamma-Chl...	5.674f	4.825	4029058	1548105	1.340	0.533 #
11)	B alpha-Chl...	5.773	4.907	1882507	1059004	0.631	0.365 #
12)	B 4,4'-DDE	0.000	5.098	0	184121	N.D.	0.080 #
13)	MA Dieldrin	6.091	5.218	71344	2271705	0.026	0.841 #
14)	MA Endrin	0.000	5.481	0	210035	N.D.	0.086 #
15)	B Endosulfa...	6.534	5.787	431257	1112700	0.177	0.494 #
16)	A 4,4'-DDD	6.449f	5.652	729359	-209962	0.360	N.D. #
17)	MA 4,4'-DDT	6.791	5.869f	572313	451398	0.250	0.214
18)	B Endrin al...	6.676	5.959	375473	132077	0.199	0.071 #
19)	B Endosulfa...	6.939f	6.202	-8781	324593	N.D.	0.138
20)	A Methoxychlor	0.000	6.487f	0	1517706	N.D.	1.252 #
22)	Mirex	7.843	6.861	505891	-179855	0.259	N.D. #
23)	Chlordane-1	0.000	3.638	0	763299	N.D.	8.607 #
24)	Chlordane-2	4.987	0.000	71640	0	0.602	N.D. #
25)	Chlordane-3	5.674f	4.842	4029058	1235865	9.333	4.350 #
26)	Chlordane-4	5.773	4.907	1882507	1059004	3.621	3.549
27)	Chlordane-5	0.000	5.787	0	1112700	N.D.	11.272 #

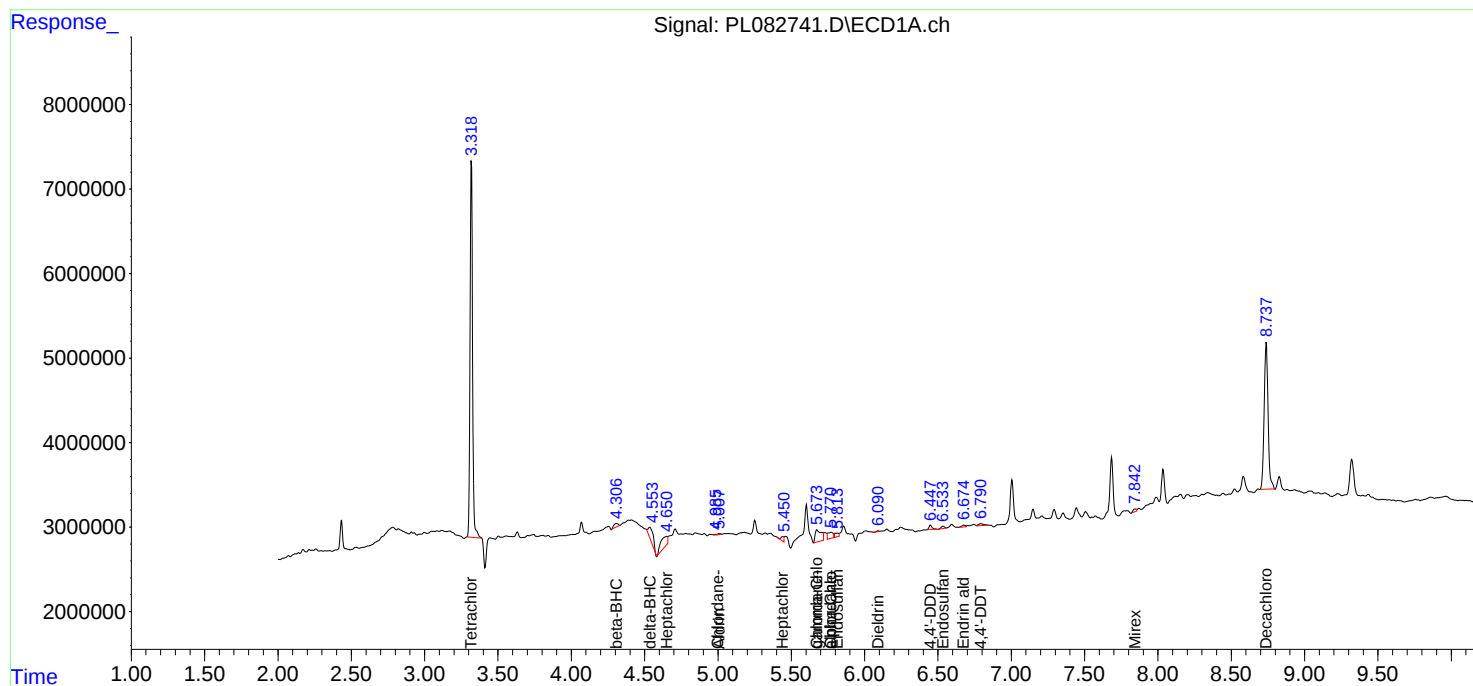
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

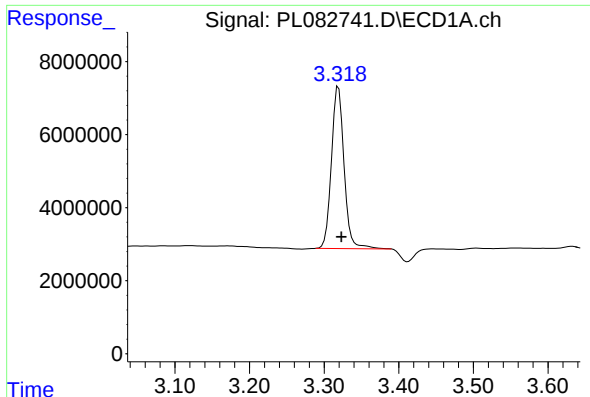
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
Data File : PL082741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2023 18:55
Operator : AR\AJ
Sample : 02798-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 21:50:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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

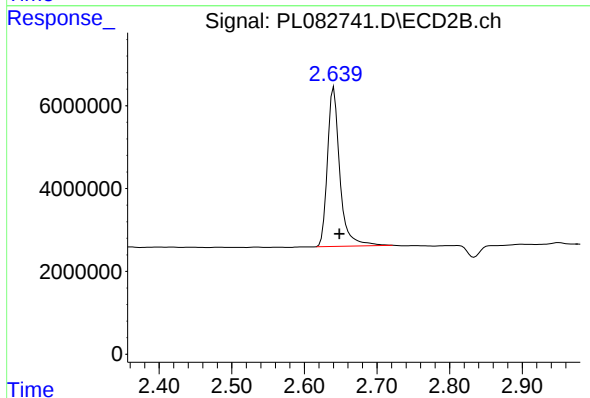




#1 Tetrachloro-m-xylene

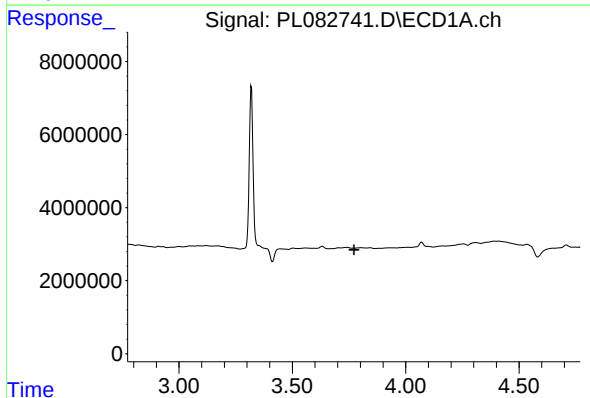
R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 52407514
Conc: 19.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



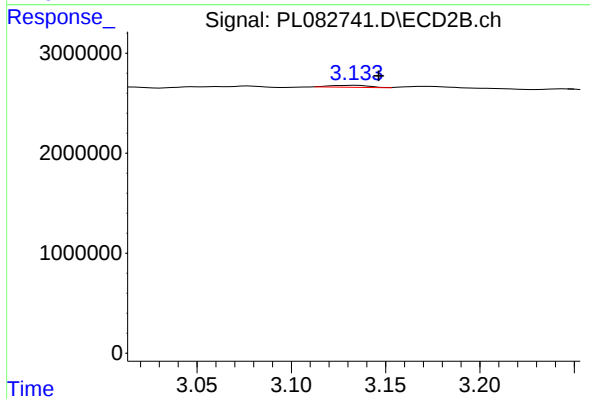
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.008 min
Response: 45672543
Conc: 19.71 ng/ml



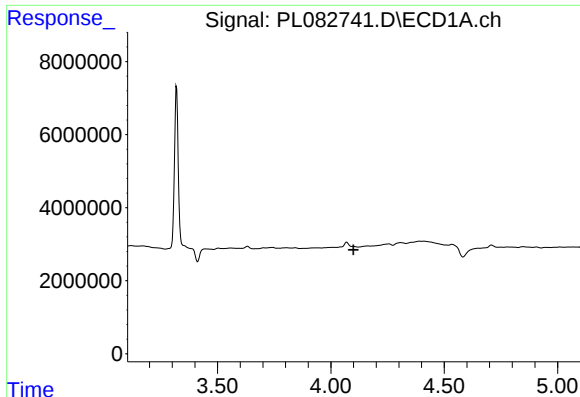
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.772 min
Response: 0
Conc: N.D.



#2 alpha-BHC

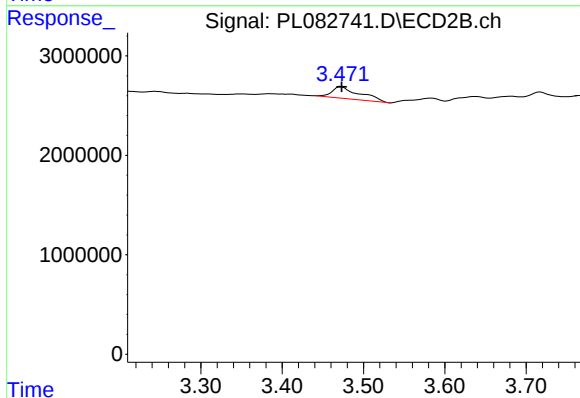
R.T.: 3.134 min
Delta R.T.: -0.012 min
Response: 293951
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

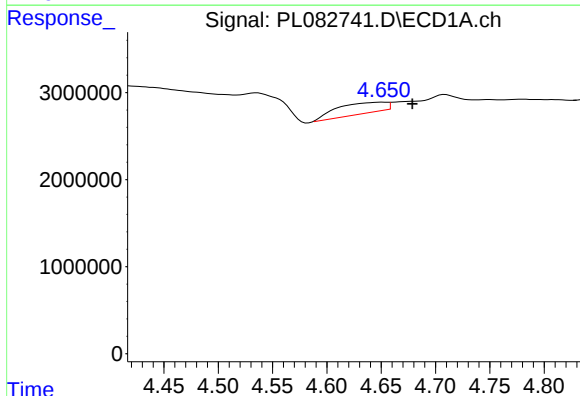
R.T.: 0.000 min
Exp R.T.: 4.100 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



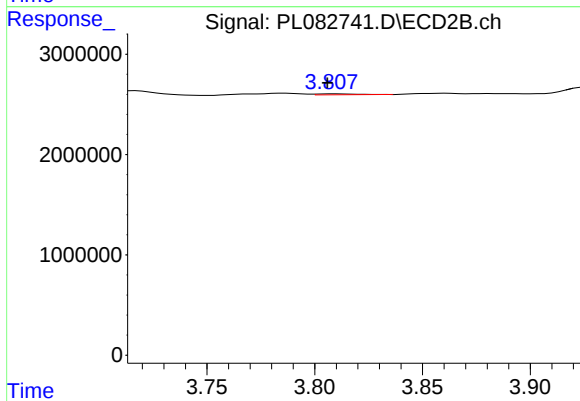
#3 gamma-BHC (Lindane)

R.T.: 3.473 min
Delta R.T.: 0.000 min
Response: 2817679
Conc: 0.88 ng/ml



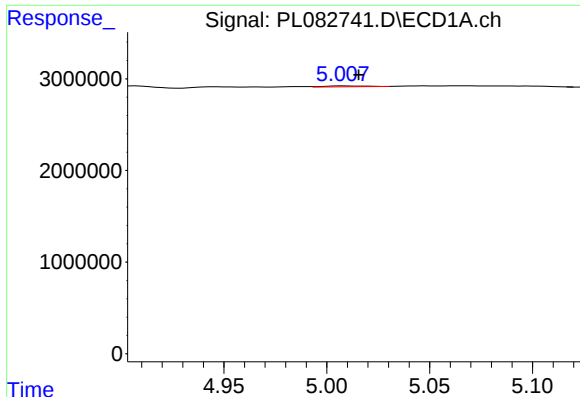
#4 Heptachlor

R.T.: 4.652 min
Delta R.T.: -0.027 min
Response: 3987215
Conc: 1.09 ng/ml



#4 Heptachlor

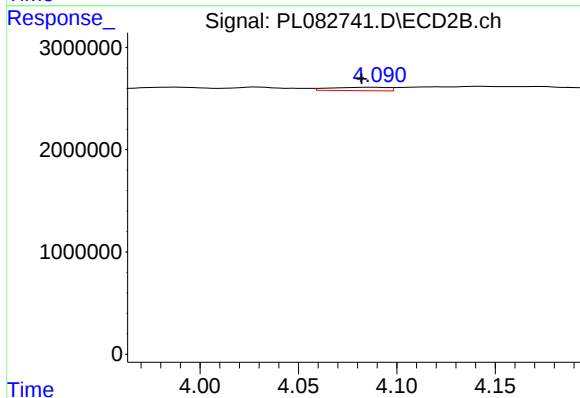
R.T.: 3.809 min
Delta R.T.: 0.003 min
Response: 112688
Conc: 0.03 ng/ml



#5 Aldrin

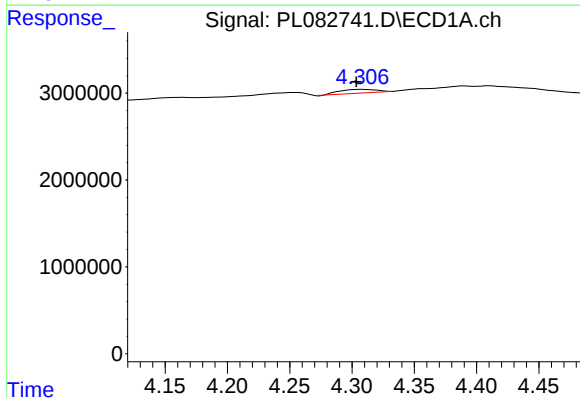
R.T.: 5.009 min
Delta R.T.: -0.007 min
Response: 136149
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



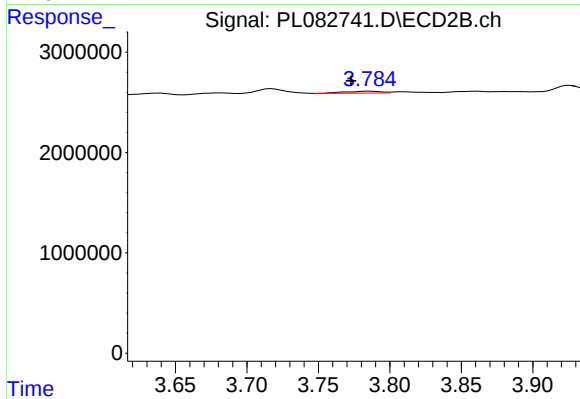
#5 Aldrin

R.T.: 4.087 min
Delta R.T.: 0.005 min
Response: 668832
Conc: 0.21 ng/ml



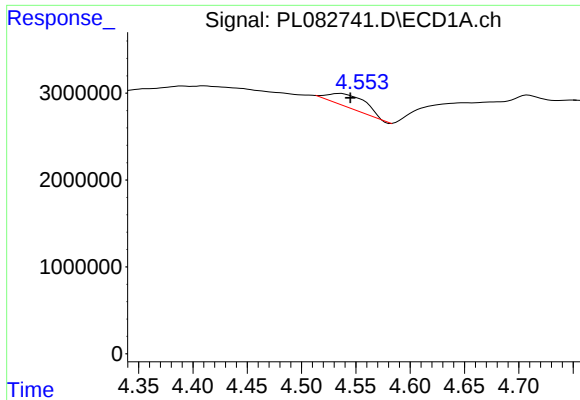
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: 0.004 min
Response: 881938
Conc: 0.52 ng/ml



#6 beta-BHC

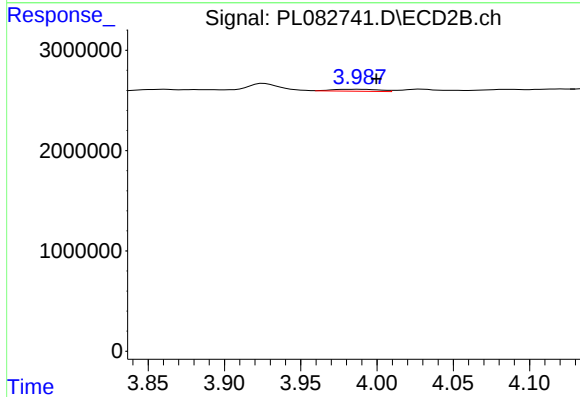
R.T.: 3.786 min
Delta R.T.: 0.013 min
Response: 306261
Conc: 0.22 ng/ml



#7 delta-BHC

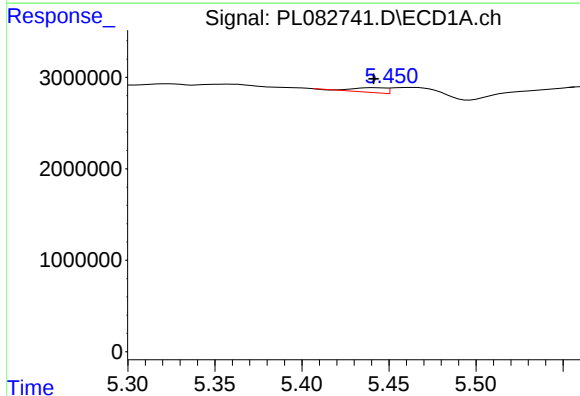
R.T.: 4.536 min
Delta R.T.: -0.009 min
Response: 3664751
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



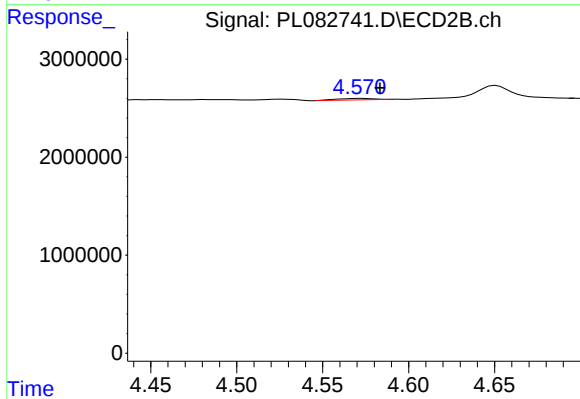
#7 delta-BHC

R.T.: 3.988 min
Delta R.T.: -0.011 min
Response: 407655
Conc: 0.13 ng/ml



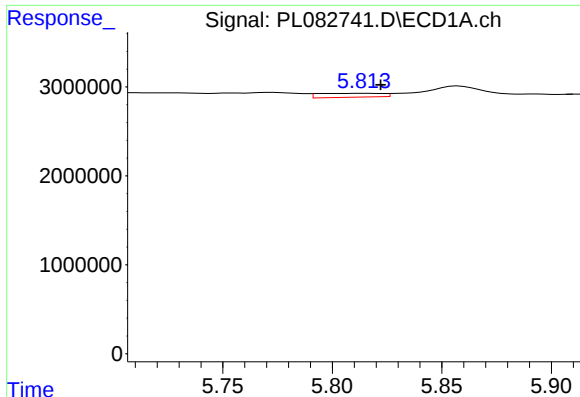
#8 Heptachlor epoxide

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 670077
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

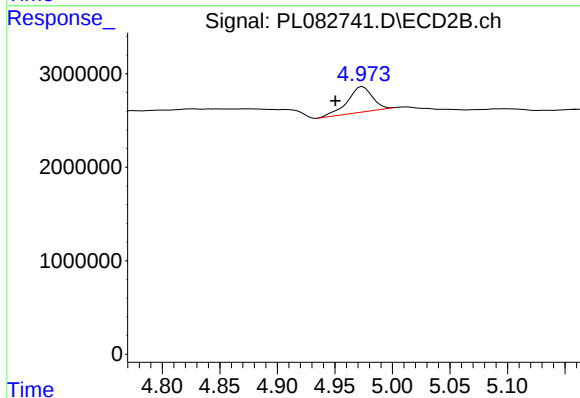
R.T.: 4.573 min
Delta R.T.: -0.011 min
Response: 218334
Conc: 0.08 ng/ml



#9 Endosulfan I

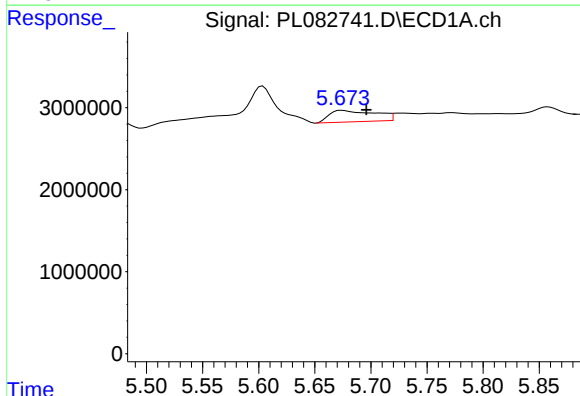
R.T.: 5.815 min
Delta R.T.: -0.007 min
Response: 898285
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



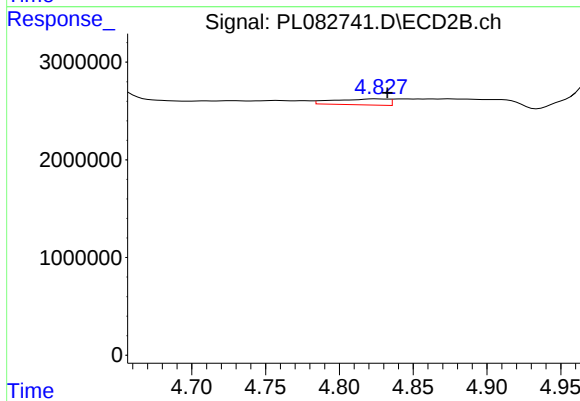
#9 Endosulfan I

R.T.: 4.974 min
Delta R.T.: 0.024 min
Response: 4066215
Conc: 1.52 ng/ml



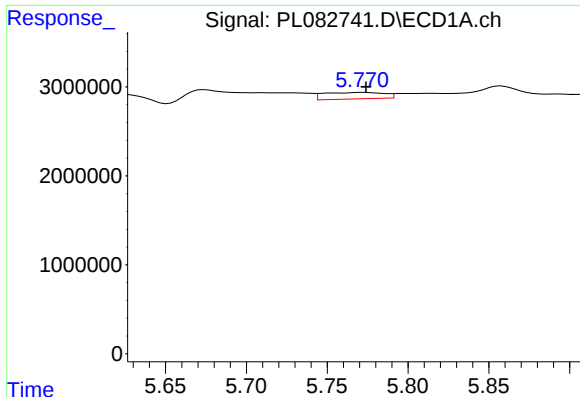
#10 gamma-Chlordane

R.T.: 5.674 min
Delta R.T.: -0.022 min
Response: 4029058
Conc: 1.34 ng/ml



#10 gamma-Chlordane

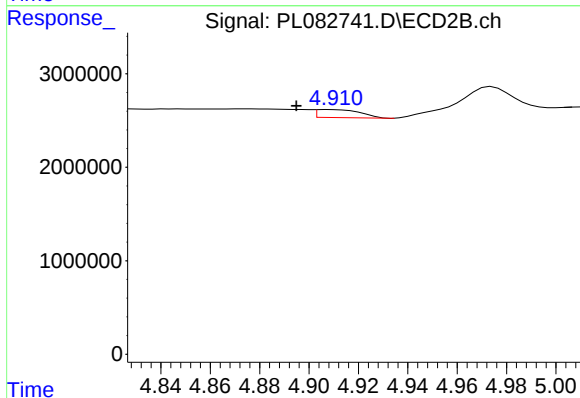
R.T.: 4.825 min
Delta R.T.: -0.007 min
Response: 1548105
Conc: 0.53 ng/ml



#11 alpha-Chlordane

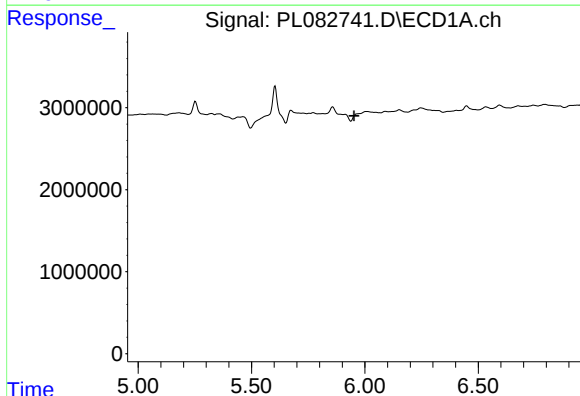
R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 1882507
Conc: 0.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



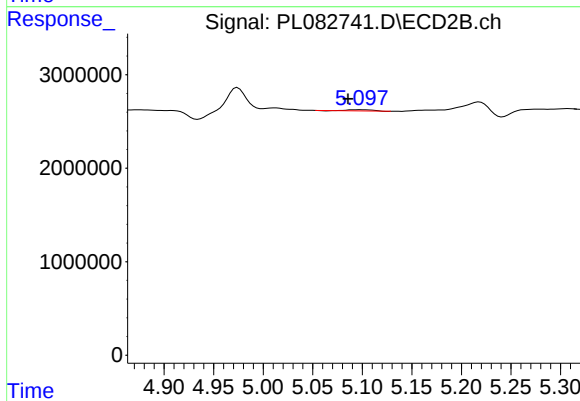
#11 alpha-Chlordane

R.T.: 4.907 min
Delta R.T.: 0.012 min
Response: 1059004
Conc: 0.36 ng/ml



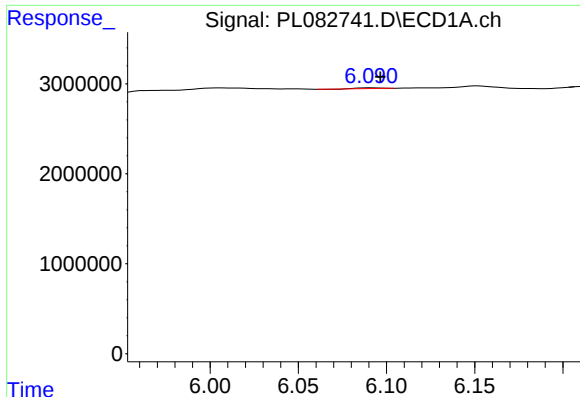
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.952 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

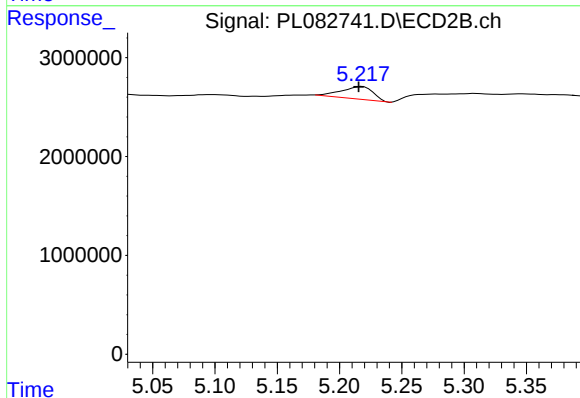
R.T.: 5.098 min
Delta R.T.: 0.012 min
Response: 184121
Conc: 0.08 ng/ml



#13 Dieldrin

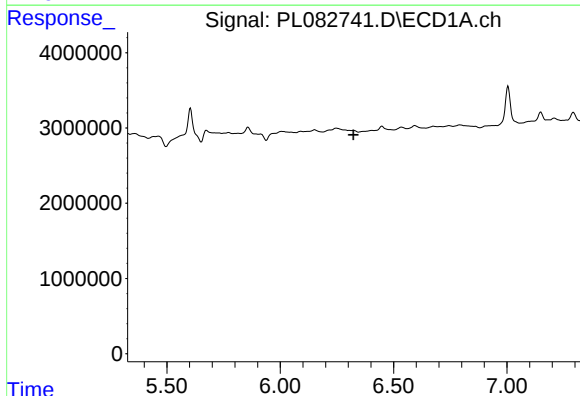
R.T.: 6.091 min
Delta R.T.: -0.005 min
Response: 71344
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



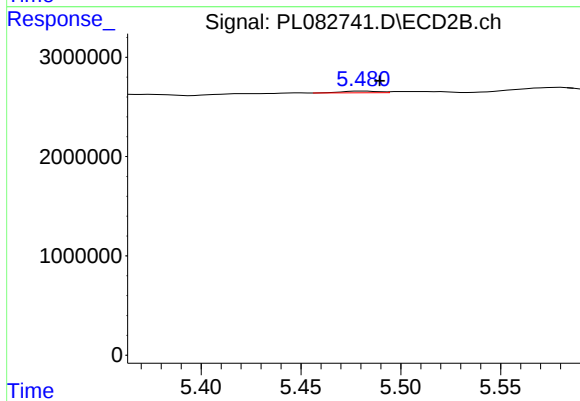
#13 Dieldrin

R.T.: 5.218 min
Delta R.T.: 0.003 min
Response: 2271705
Conc: 0.84 ng/ml



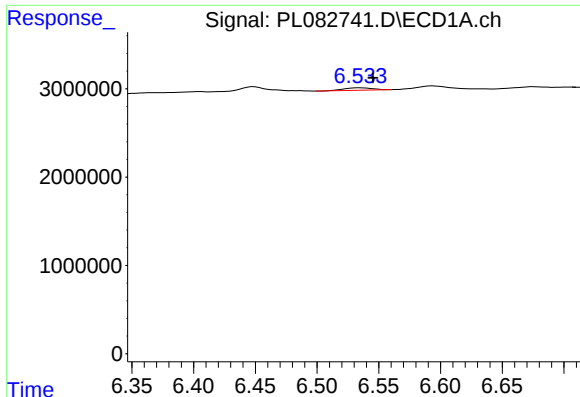
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.324 min
Response: 0
Conc: N.D.



#14 Endrin

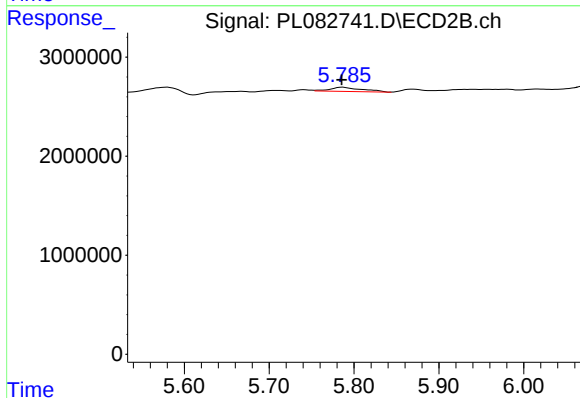
R.T.: 5.481 min
Delta R.T.: -0.008 min
Response: 210035
Conc: 0.09 ng/ml



#15 Endosulfan II

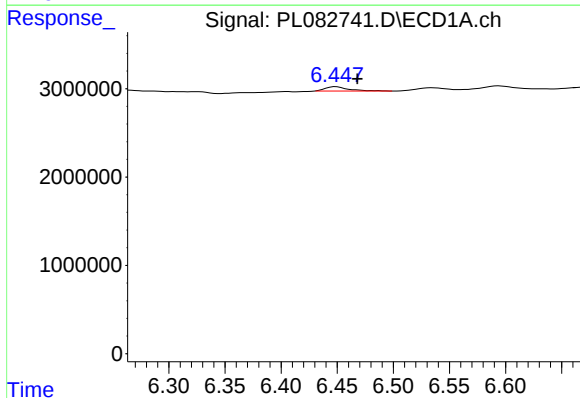
R.T.: 6.534 min
Delta R.T.: -0.011 min
Response: 431257
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



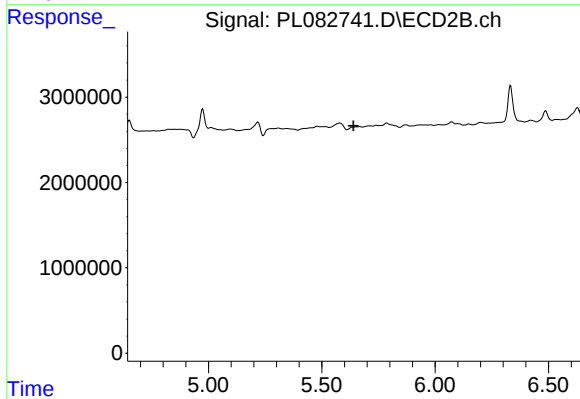
#15 Endosulfan II

R.T.: 5.787 min
Delta R.T.: 0.001 min
Response: 1112700
Conc: 0.49 ng/ml



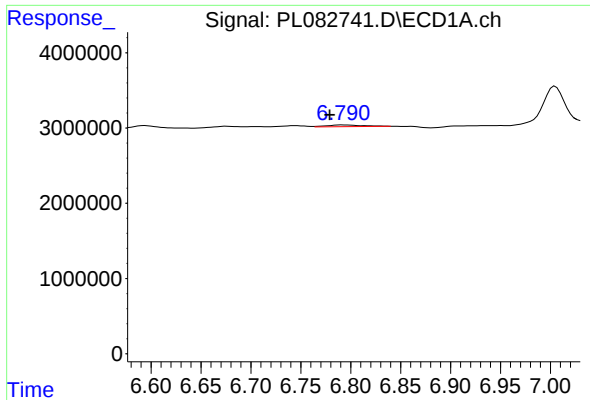
#16 4,4'-DDD

R.T.: 6.449 min
Delta R.T.: -0.019 min
Response: 729359
Conc: 0.36 ng/ml



#16 4,4'-DDD

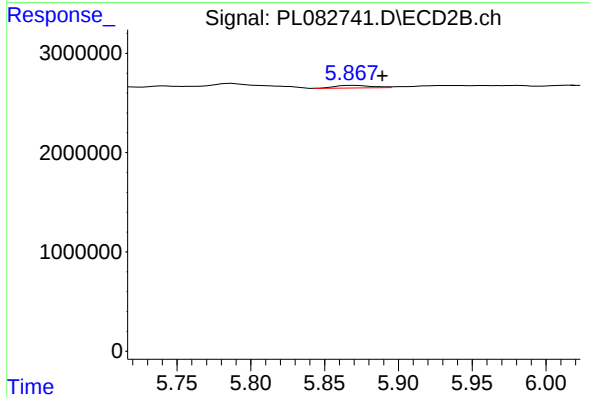
R.T.: 5.652 min
Delta R.T.: 0.012 min
Response: -209962
Conc: N.D.



#17 4,4'-DDT

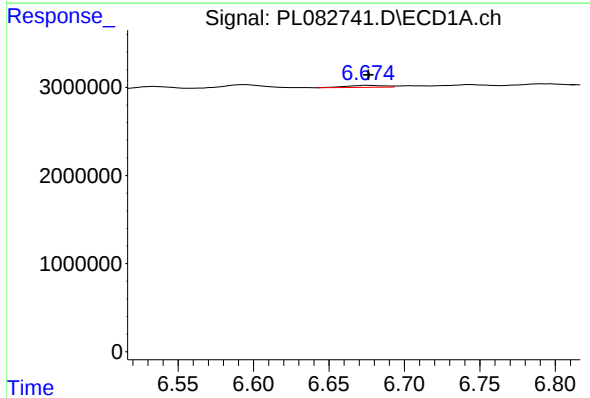
R.T.: 6.791 min
Delta R.T.: 0.012 min
Response: 572313
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



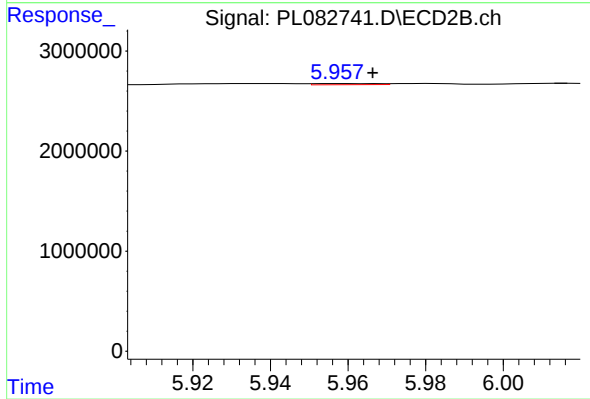
#17 4,4'-DDT

R.T.: 5.869 min
Delta R.T.: -0.020 min
Response: 451398
Conc: 0.21 ng/ml



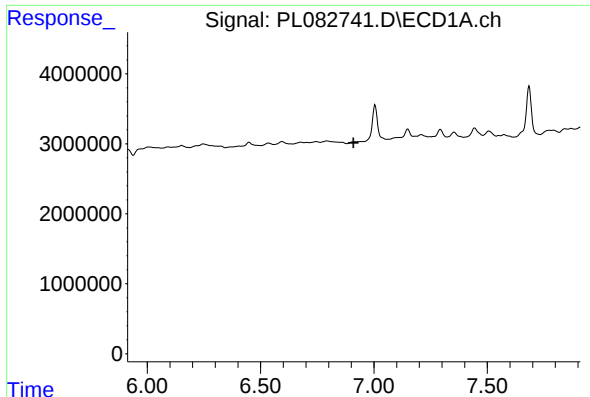
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 375473
Conc: 0.20 ng/ml



#18 Endrin aldehyde

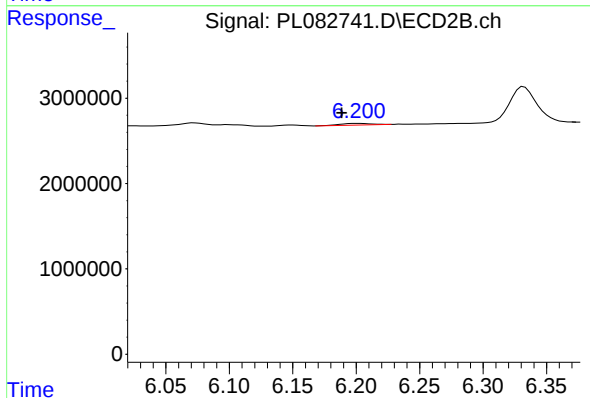
R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 132077
Conc: 0.07 ng/ml



#19 Endosulfan Sulfate

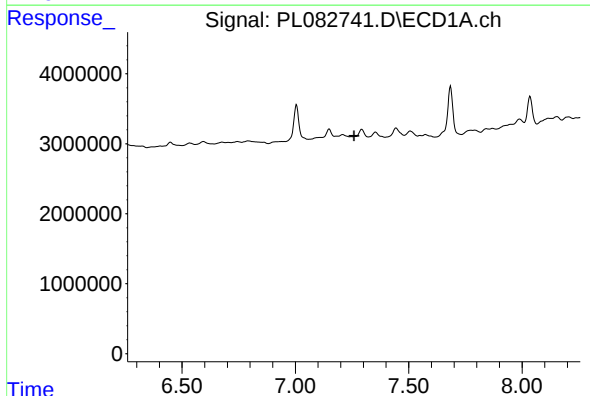
R.T.: 6.939 min
Delta R.T.: 0.029 min
Response: -8781
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



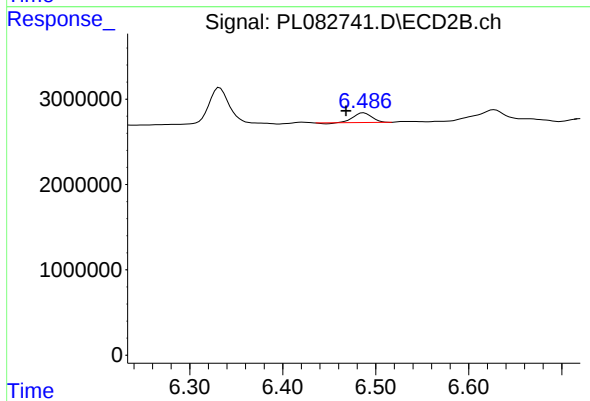
#19 Endosulfan Sulfate

R.T.: 6.202 min
Delta R.T.: 0.014 min
Response: 324593
Conc: 0.14 ng/ml



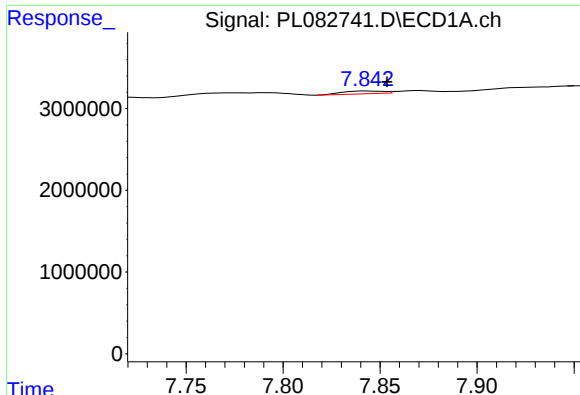
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.260 min
Response: 0
Conc: N.D.



#20 Methoxychlor

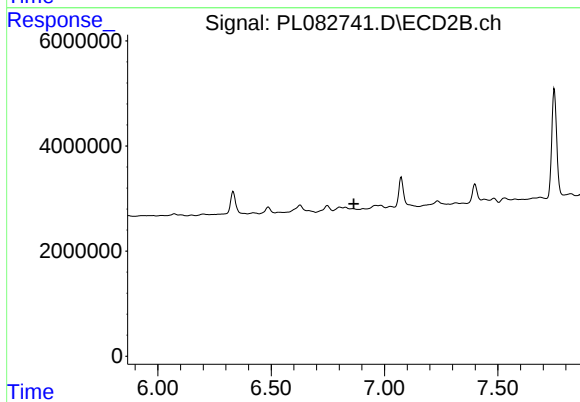
R.T.: 6.487 min
Delta R.T.: 0.019 min
Response: 1517706
Conc: 1.25 ng/ml



#22 Mirex

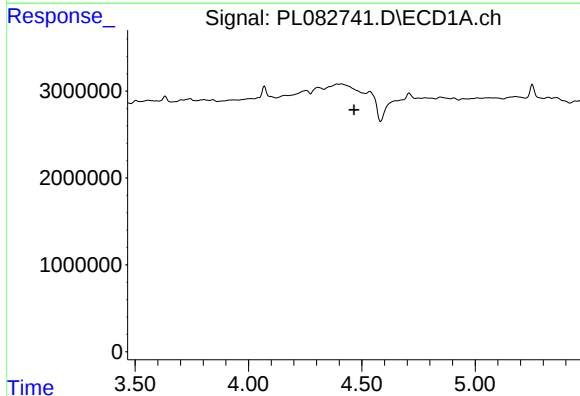
R.T.: 7.843 min
Delta R.T.: -0.010 min
Response: 505891
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



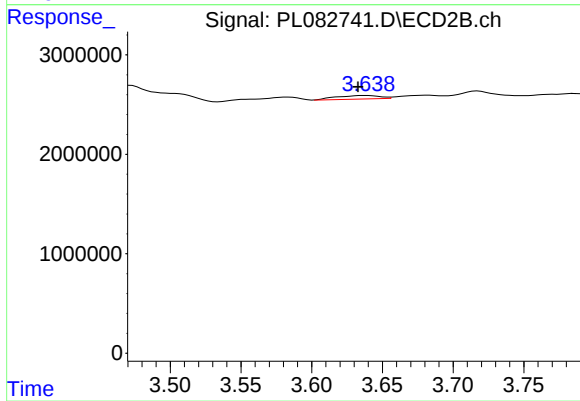
#22 Mirex

R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: -179855
Conc: N.D.



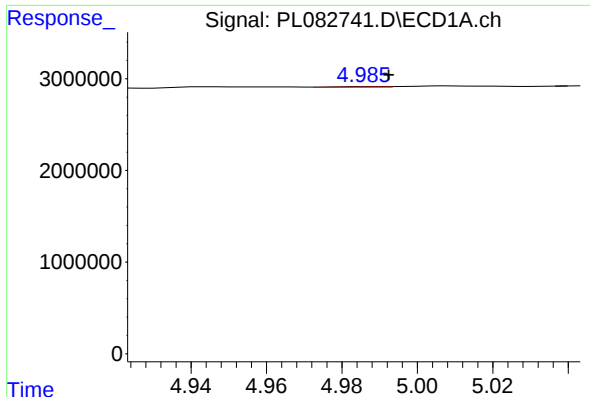
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.



#23 Chlordane-1

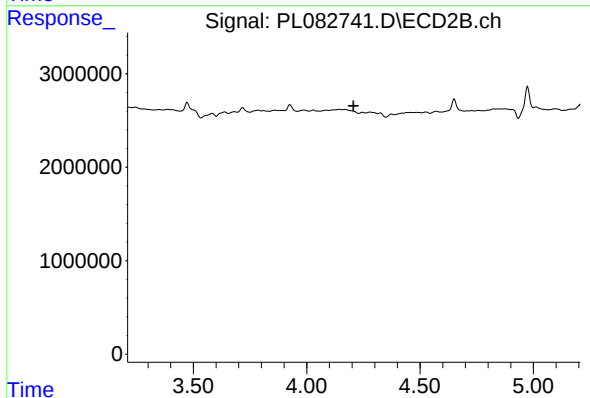
R.T.: 3.638 min
Delta R.T.: 0.006 min
Response: 763299
Conc: 8.61 ng/ml



#24 Chlordane-2

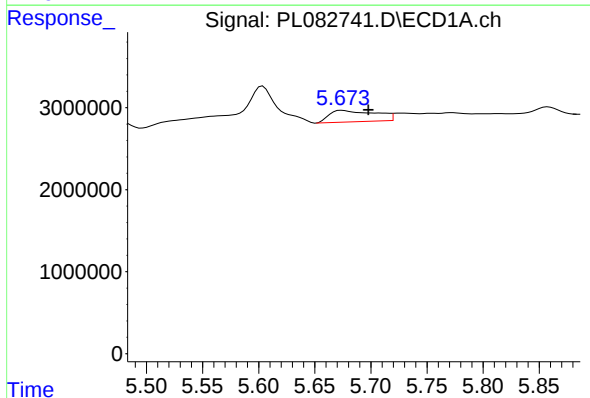
R.T.: 4.987 min
Delta R.T.: -0.005 min
Response: 71640
Conc: 0.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



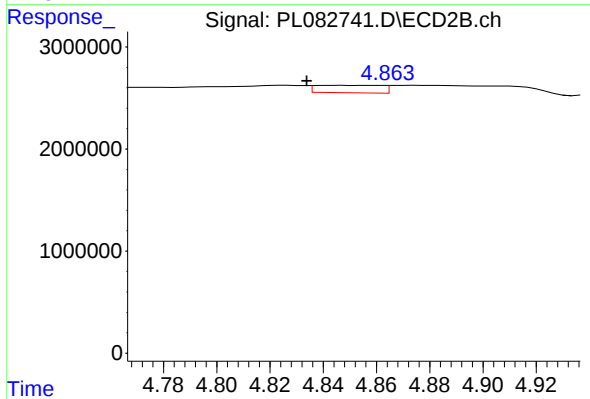
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.207 min
Response: 0
Conc: N.D.



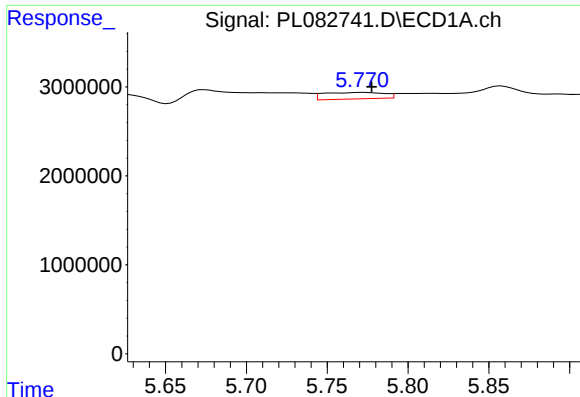
#25 Chlordane-3

R.T.: 5.674 min
Delta R.T.: -0.023 min
Response: 4029058
Conc: 9.33 ng/ml



#25 Chlordane-3

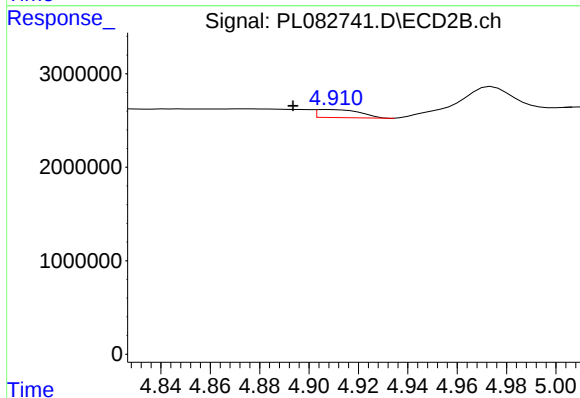
R.T.: 4.842 min
Delta R.T.: 0.008 min
Response: 1235865
Conc: 4.35 ng/ml



#26 Chlordane-4

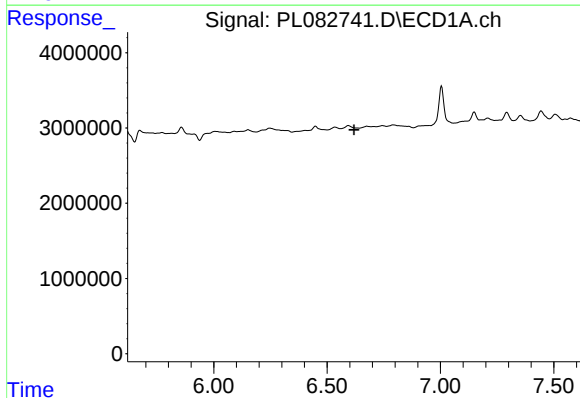
R.T.: 5.773 min
Delta R.T.: -0.005 min
Response: 1882507
Conc: 3.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



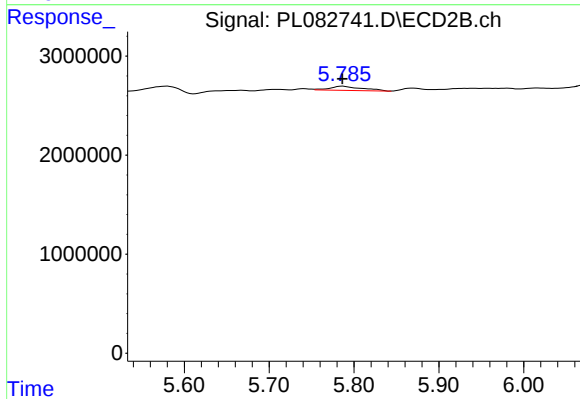
#26 Chlordane-4

R.T.: 4.907 min
Delta R.T.: 0.013 min
Response: 1059004
Conc: 3.55 ng/ml



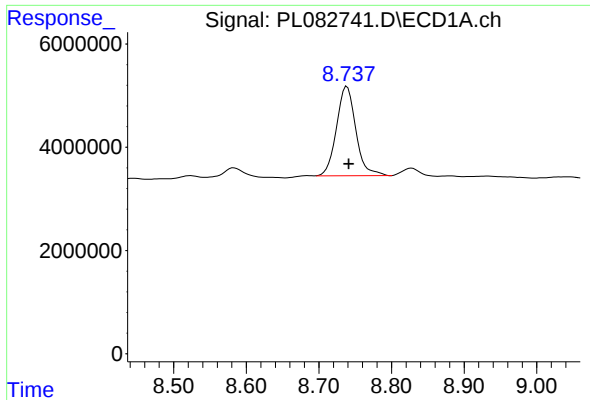
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.619 min
Response: 0
Conc: N.D.



#27 Chlordane-5

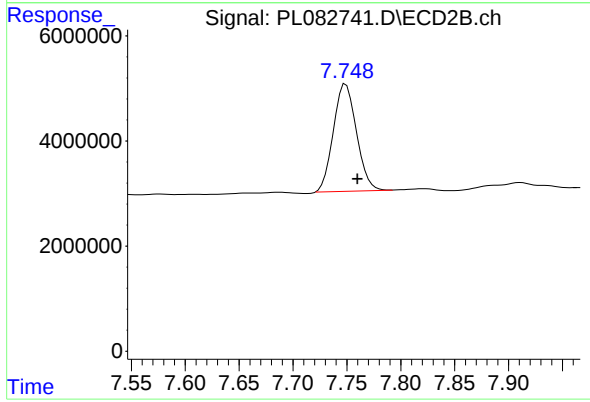
R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 1112700
Conc: 11.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 31957092
Conc: 16.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATERWITCH-AVE-SAMPLE



#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: -0.011 min
Response: 30572508
Conc: 13.39 ng/ml