

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071223\
 Data File : PL083852.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2023 20:54
 Operator : AR\AJ
 Sample : 03510-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 02:09:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 12 14:26:23 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...	3.474	2.687	35511887	19439090	17.757	17.504
28)	SA Decachlor...	9.019	7.870	14228273	13836878	10.931	12.453
Target Compounds							
2)	A alpha-BHC	0.000	3.220f	0	72167	N.D.	0.045 #
3)	MA gamma-BHC...	0.000	3.545f	0	218182	N.D.	0.143 #
4)	MA Heptachlor	4.854	3.893f	851537	1125	0.313	0.001 #
5)	MB Aldrin	0.000	4.163f	0	28845	N.D.	0.019 #
6)	B beta-BHC	4.481f	3.832	1561176	20062	1.301	0.030 #
7)	B delta-BHC	4.710	4.067	2069494	81244	0.776	0.054 #
8)	B Heptachlo...	5.628	4.644	1320628	60301	0.495	0.047 #
9)	A Endosulfan I	6.042f	5.011	56367	16808	0.024	0.014 #
10)	B gamma-Chl...	0.000	4.887f	0	78328	N.D.	0.059 #
11)	B alpha-Chl...	0.000	4.972	0	280809	N.D.	0.208 #
12)	B 4,4'-DDE	0.000	5.163	0	15865	N.D.	0.013 #
13)	MA Dieldrin	6.320f	5.304	240544	177362	0.101	0.136 #
14)	MA Endrin	0.000	5.585f	0	79578	N.D.	0.072 #
15)	B Endosulfa...	0.000	5.840f	0	77158	N.D.	0.067 #
17)	MA 4,4'-DDT	6.997f	5.976	110506	-12840	0.069	N.D. #
18)	B Endrin al...	0.000	6.039	0	7133	N.D.	0.008 #
19)	B Endosulfa...	0.000	6.273	0	19173	N.D.	0.017 #
21)	B Endrin ke...	7.600	0.000	96045	0	0.055	N.D. #
22)	Mirex	0.000	6.978f	0	132560	N.D.	0.130 #
23)	Chlordane-1	0.000	3.716f	0	284341	N.D.	0.720 #
24)	Chlordane-2	0.000	4.281	0	62413	N.D.	0.147 #
25)	Chlordane-3	0.000	4.887f	0	78328	N.D.	0.057 #
26)	Chlordane-4	0.000	4.972	0	280809	N.D.	0.196 #
27)	Chlordane-5	0.000	5.888f	0	7560	N.D.	0.016 #

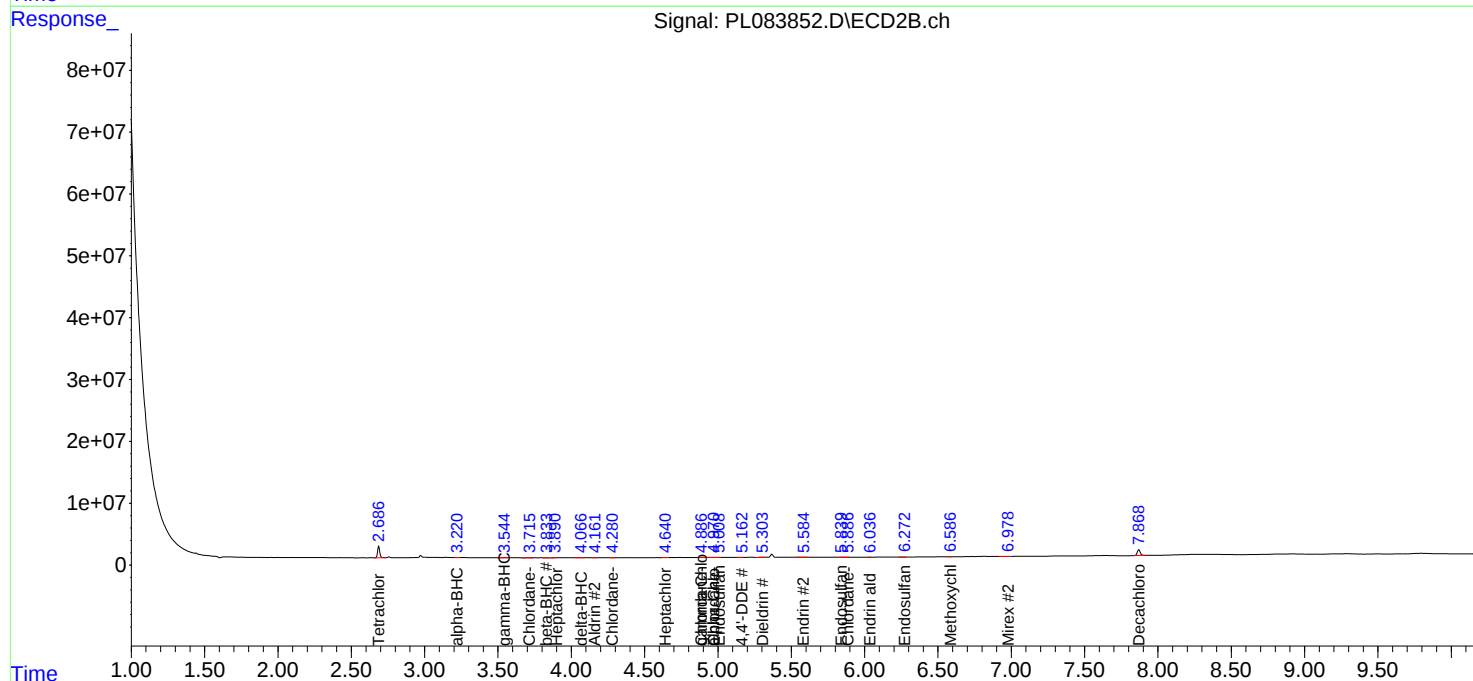
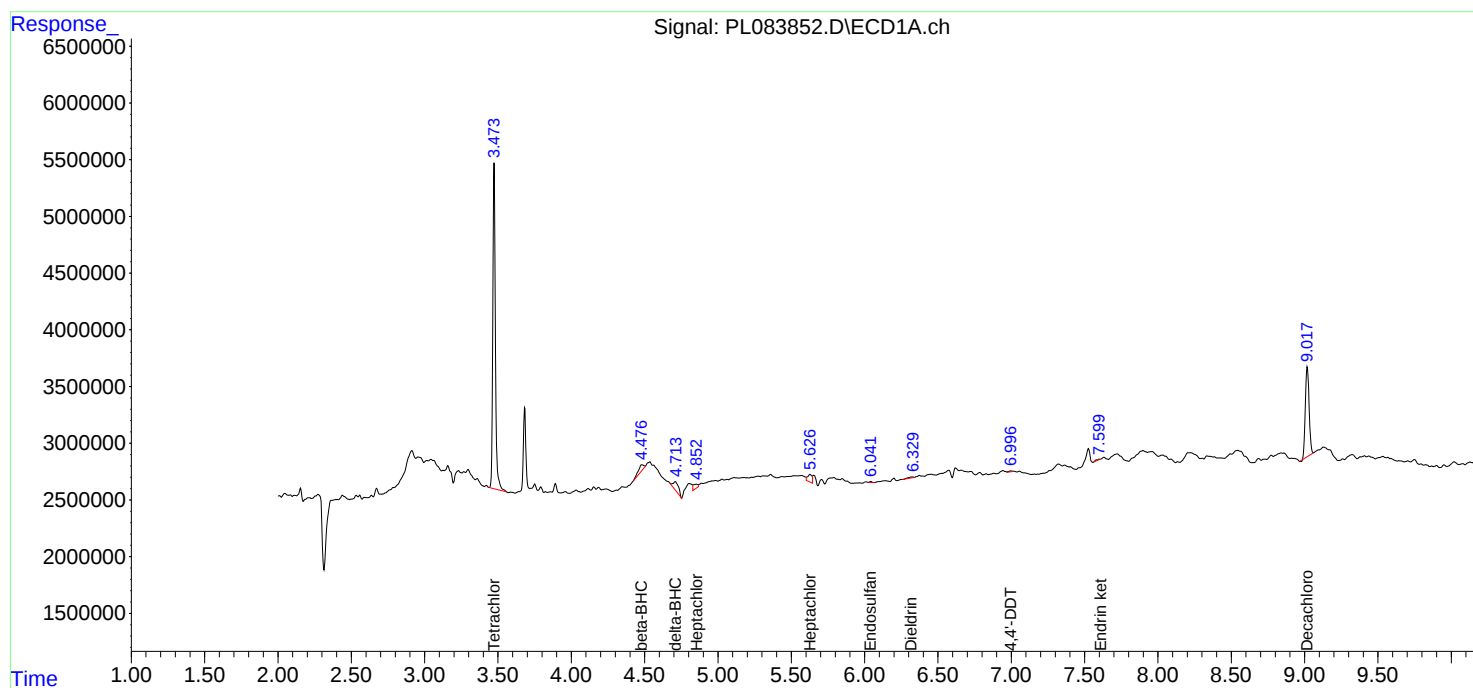
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

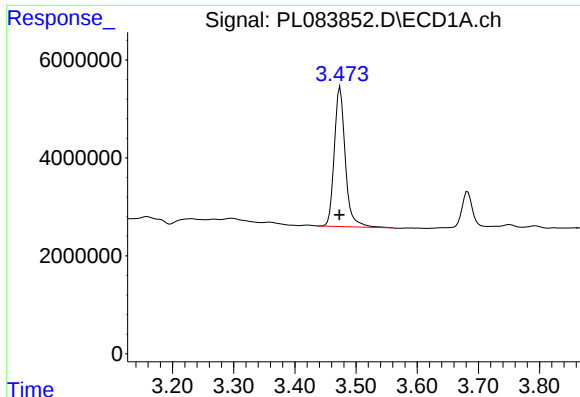
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071223\
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

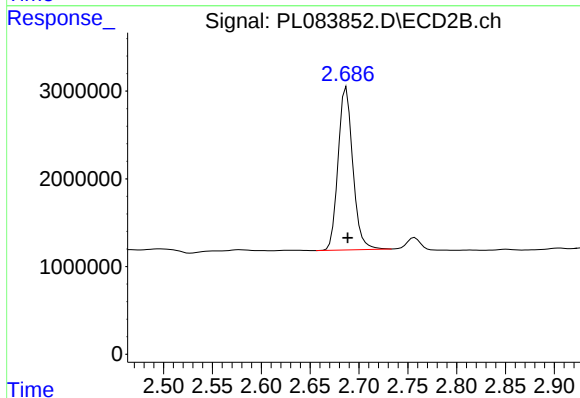




#1 Tetrachloro-m-xylene

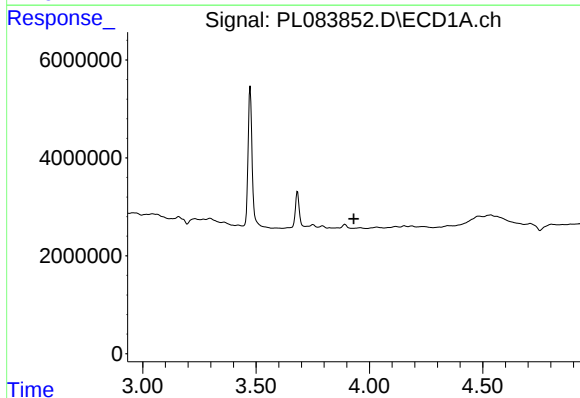
R.T.: 3.474 min
Delta R.T.: 0.001 min
Response: 35511887
Conc: 17.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



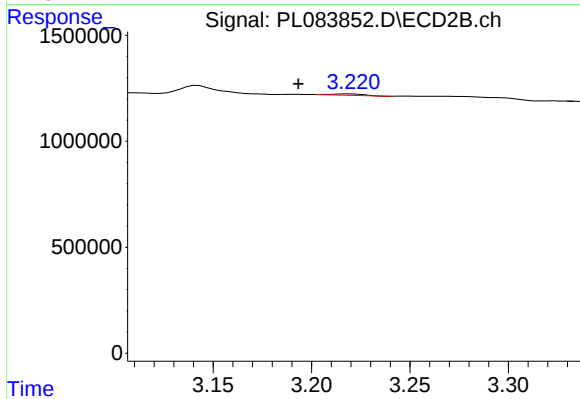
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.001 min
Response: 19439090
Conc: 17.50 ng/ml



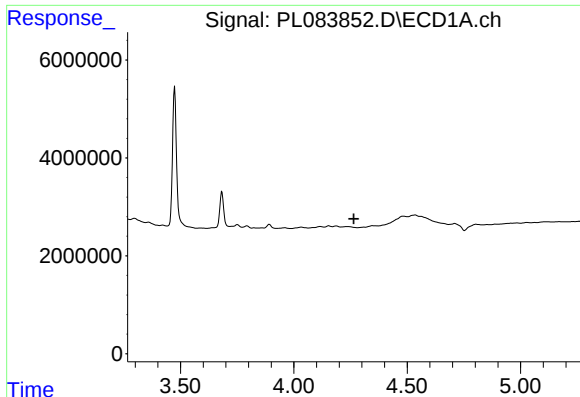
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.931 min
Response: 0
Conc: N.D.



#2 alpha-BHC

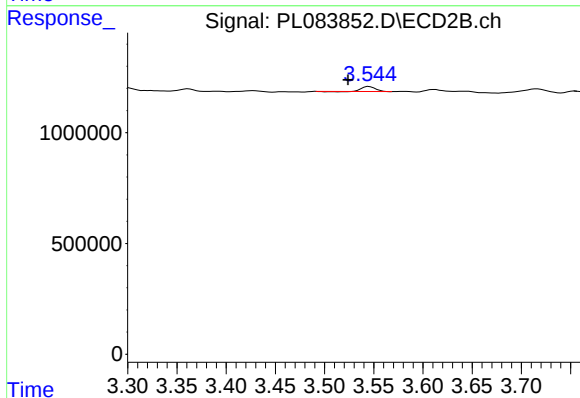
R.T.: 3.220 min
Delta R.T.: 0.027 min
Response: 72167
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

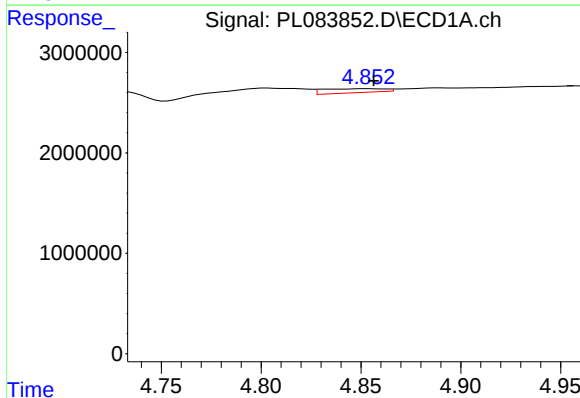
R.T.: 0.000 min
Exp R.T.: 4.265 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



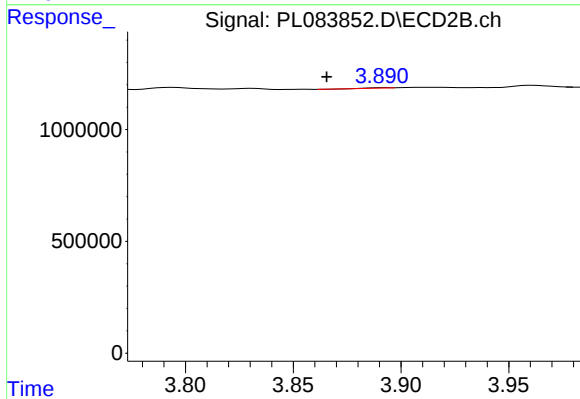
#3 gamma-BHC (Lindane)

R.T.: 3.545 min
Delta R.T.: 0.021 min
Response: 218182
Conc: 0.14 ng/ml



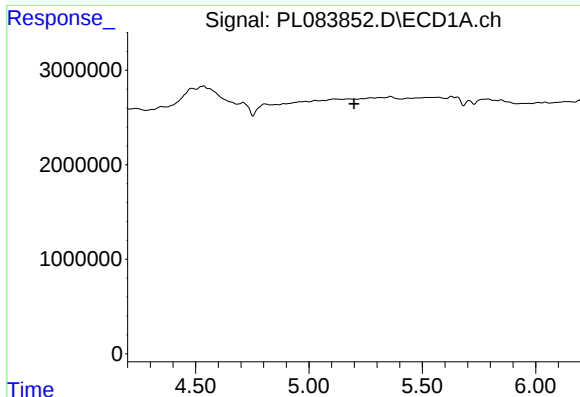
#4 Heptachlor

R.T.: 4.854 min
Delta R.T.: -0.003 min
Response: 851537
Conc: 0.31 ng/ml



#4 Heptachlor

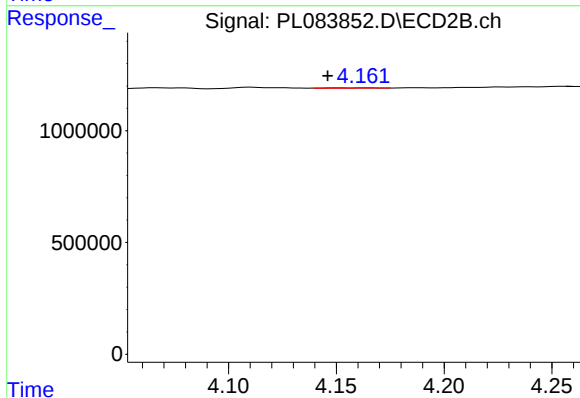
R.T.: 3.893 min
Delta R.T.: 0.027 min
Response: 1125
Conc: 0.00 ng/ml



#5 Aldrin

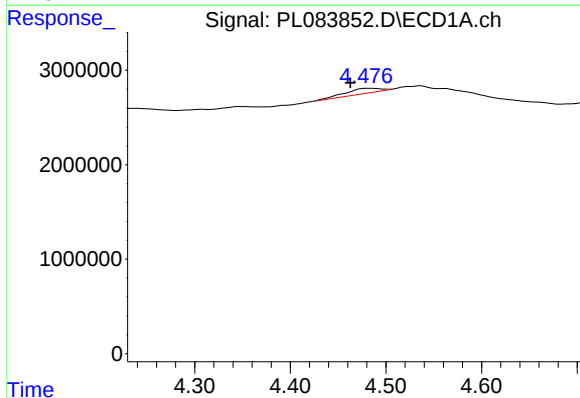
R.T.: 0.000 min
Exp R.T.: 5.199 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



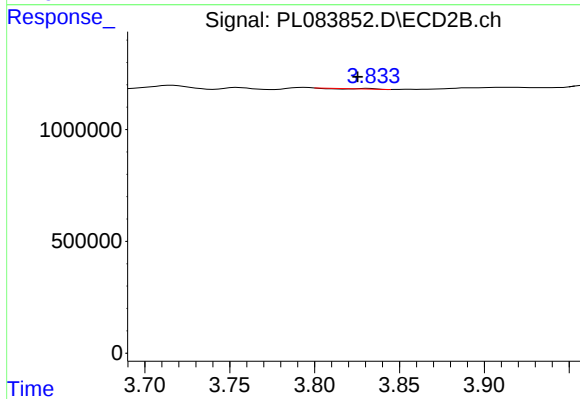
#5 Aldrin

R.T.: 4.163 min
Delta R.T.: 0.017 min
Response: 28845
Conc: 0.02 ng/ml



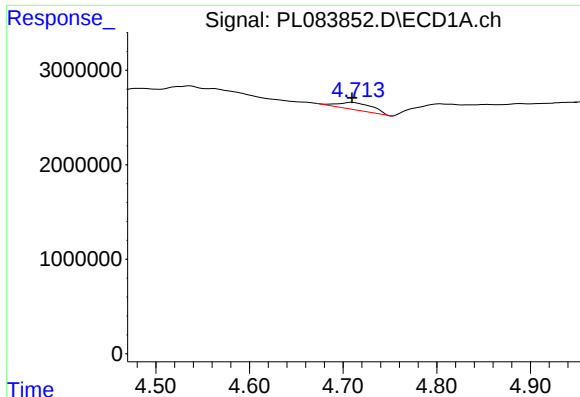
#6 beta-BHC

R.T.: 4.481 min
Delta R.T.: 0.018 min
Response: 1561176
Conc: 1.30 ng/ml



#6 beta-BHC

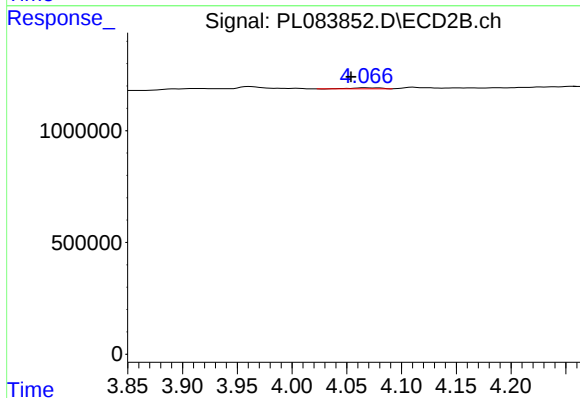
R.T.: 3.832 min
Delta R.T.: 0.007 min
Response: 20062
Conc: 0.03 ng/ml



#7 delta-BHC

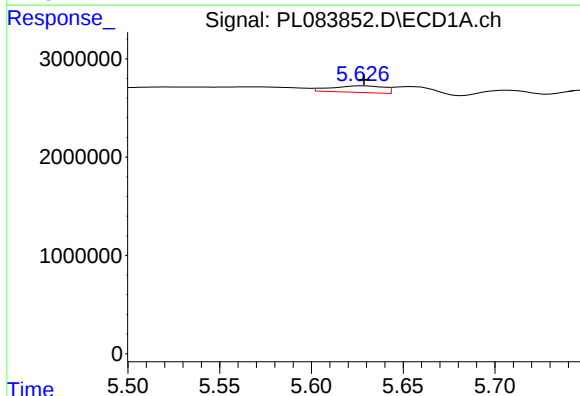
R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 2069494
Conc: 0.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



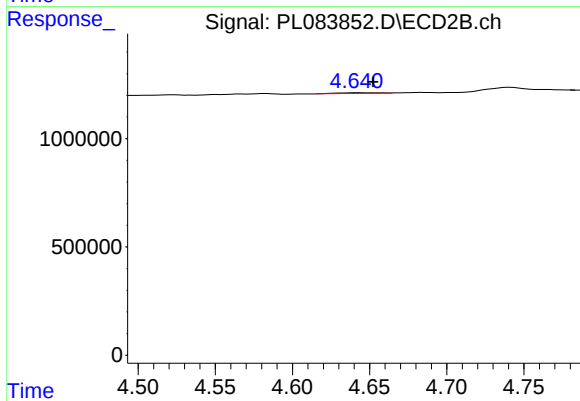
#7 delta-BHC

R.T.: 4.067 min
Delta R.T.: 0.013 min
Response: 81244
Conc: 0.05 ng/ml



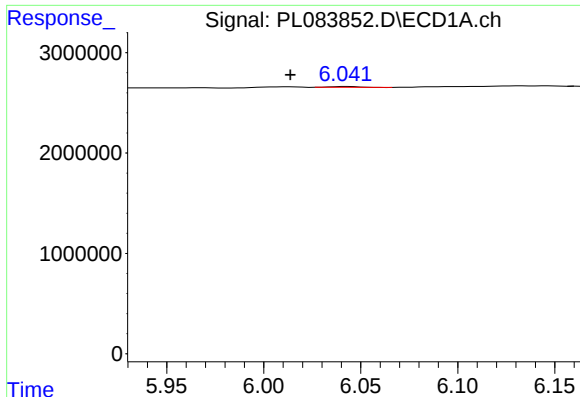
#8 Heptachlor epoxide

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 1320628
Conc: 0.49 ng/ml



#8 Heptachlor epoxide

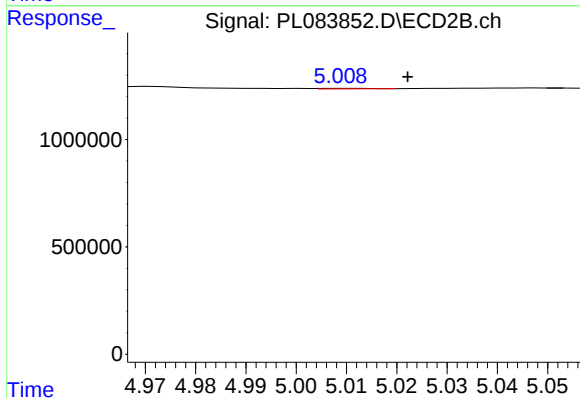
R.T.: 4.644 min
Delta R.T.: -0.009 min
Response: 60301
Conc: 0.05 ng/ml



#9 Endosulfan I

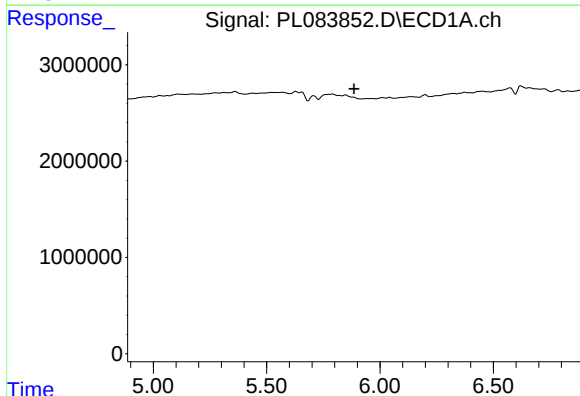
R.T.: 6.042 min
Delta R.T.: 0.028 min
Response: 56367
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



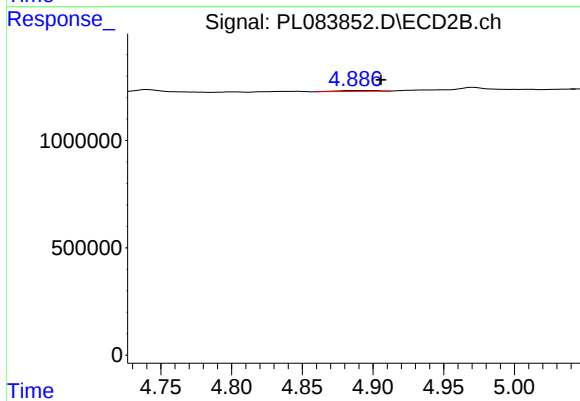
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.012 min
Response: 16808
Conc: 0.01 ng/ml



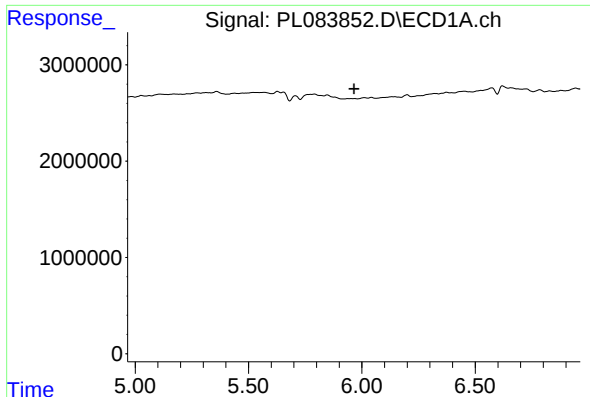
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.886 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

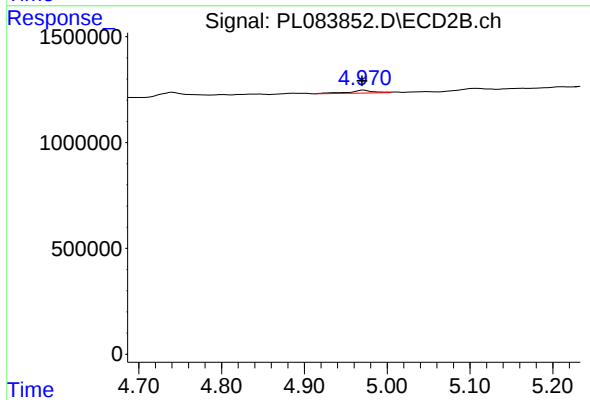
R.T.: 4.887 min
Delta R.T.: -0.019 min
Response: 78328
Conc: 0.06 ng/ml



#11 alpha-Chlordane

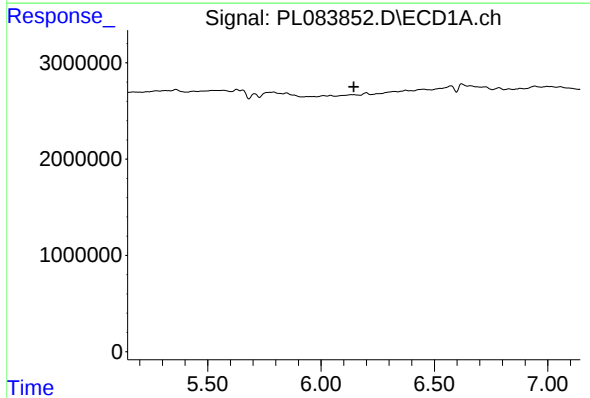
R.T.: 0.000 min
Exp R.T.: 5.965 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



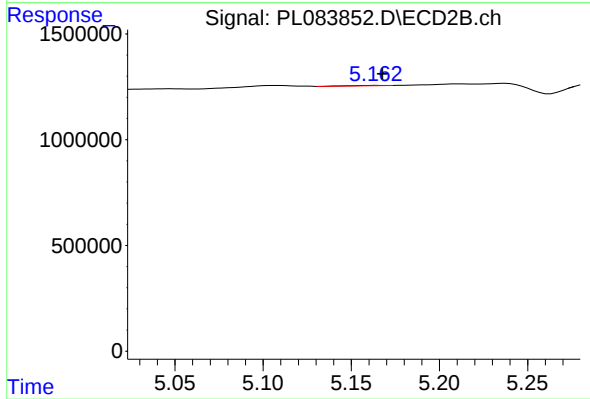
#11 alpha-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.002 min
Response: 280809
Conc: 0.21 ng/ml



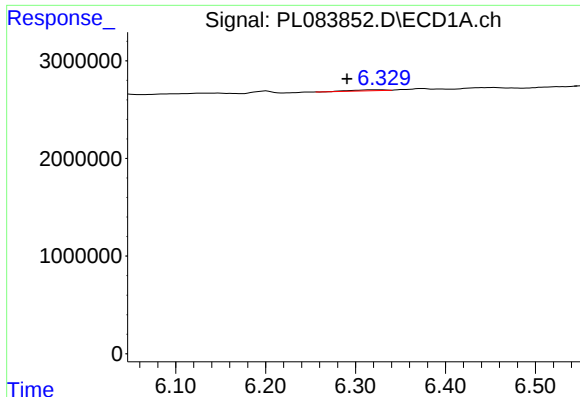
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.144 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

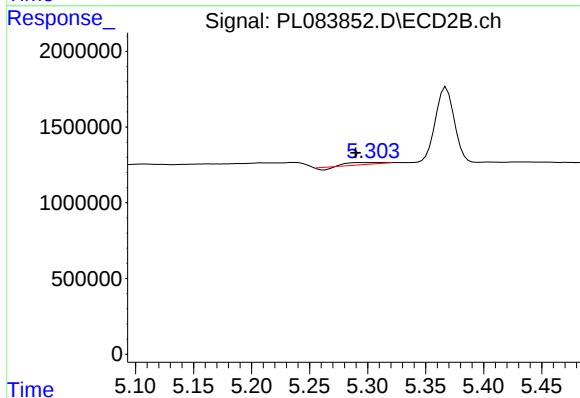
R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 15865
Conc: 0.01 ng/ml



#13 Dieldrin

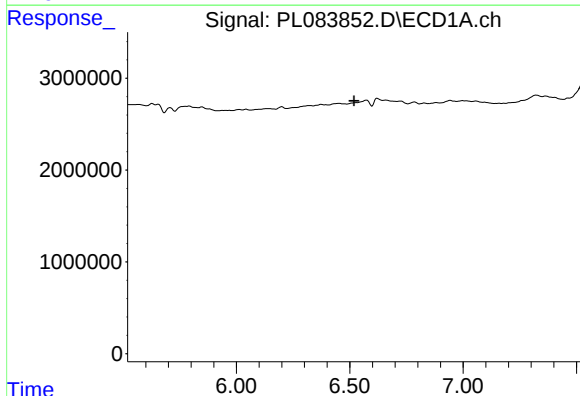
R.T.: 6.320 min
Delta R.T.: 0.029 min
Response: 240544
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



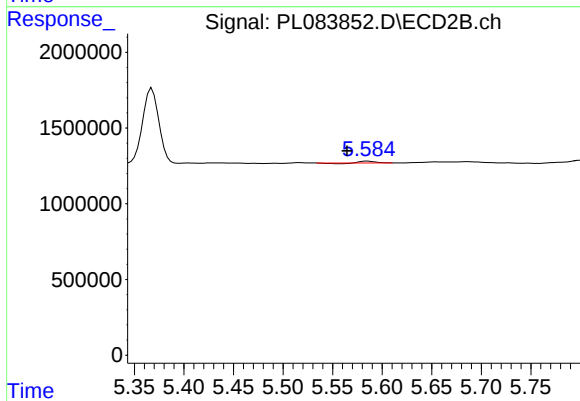
#13 Dieldrin

R.T.: 5.304 min
Delta R.T.: 0.014 min
Response: 177362
Conc: 0.14 ng/ml



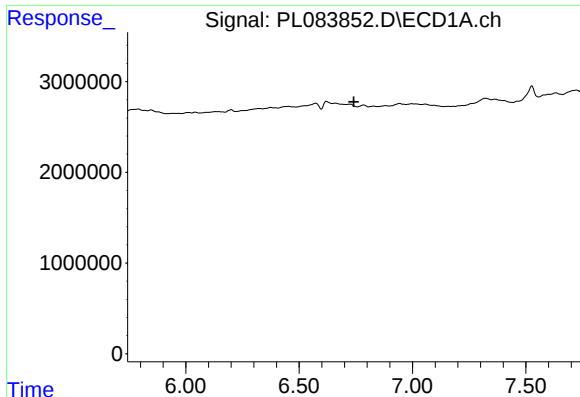
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.519 min
Response: 0
Conc: N.D.



#14 Endrin

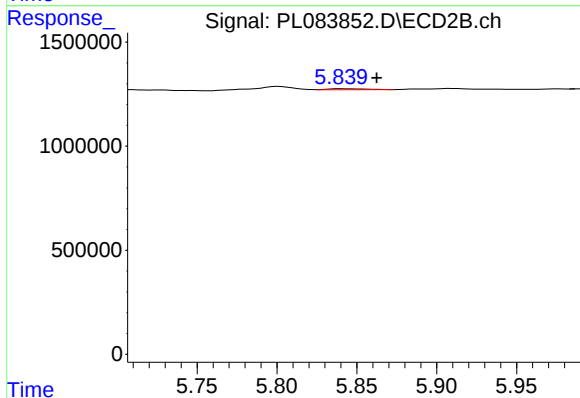
R.T.: 5.585 min
Delta R.T.: 0.020 min
Response: 79578
Conc: 0.07 ng/ml



#15 Endosulfan II

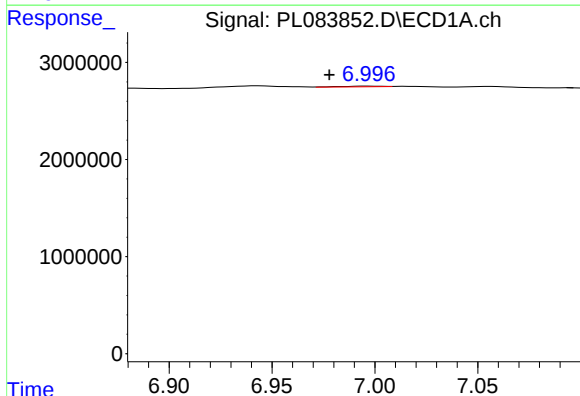
R.T.: 0.000 min
Exp R.T.: 6.741 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



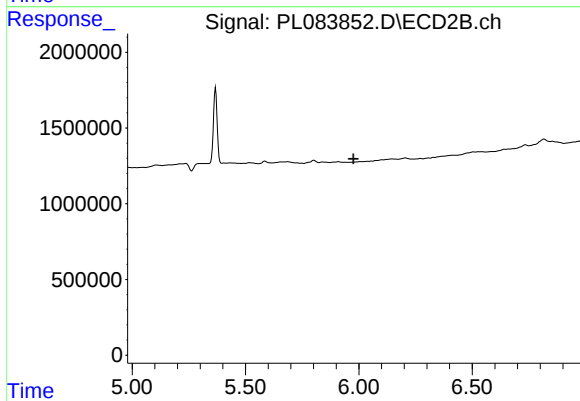
#15 Endosulfan II

R.T.: 5.840 min
Delta R.T.: -0.022 min
Response: 77158
Conc: 0.07 ng/ml



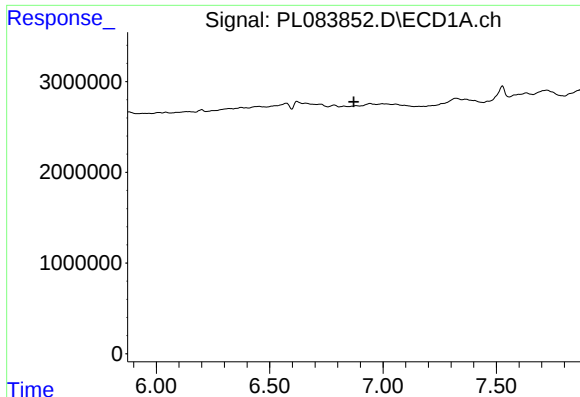
#17 4,4'-DDT

R.T.: 6.997 min
Delta R.T.: 0.019 min
Response: 110506
Conc: 0.07 ng/ml



#17 4,4'-DDT

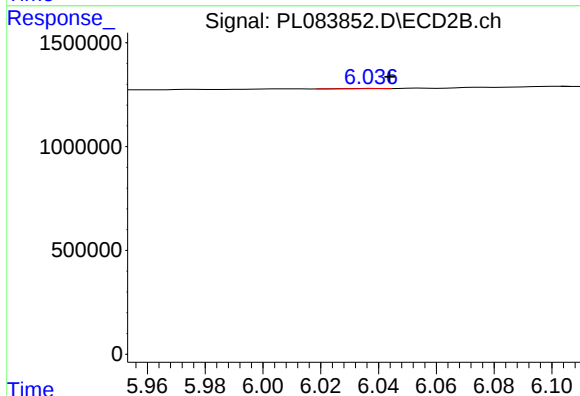
R.T.: 5.976 min
Delta R.T.: -0.001 min
Response: -12840
Conc: N.D.



#18 Endrin aldehyde

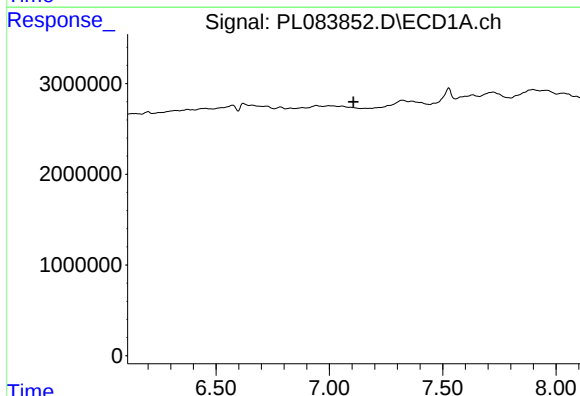
R.T.: 0.000 min
Exp R.T.: 6.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



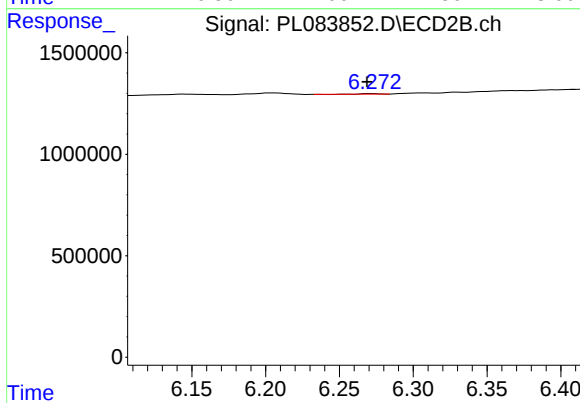
#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: -0.005 min
Response: 7133
Conc: 0.01 ng/ml



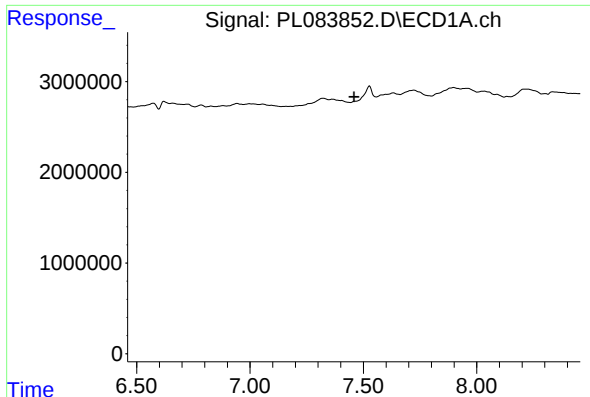
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T.: 7.107 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

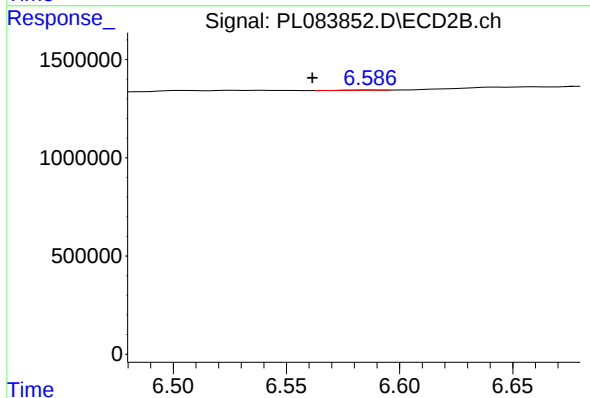
R.T.: 6.273 min
Delta R.T.: 0.004 min
Response: 19173
Conc: 0.02 ng/ml



#20 Methoxychlor

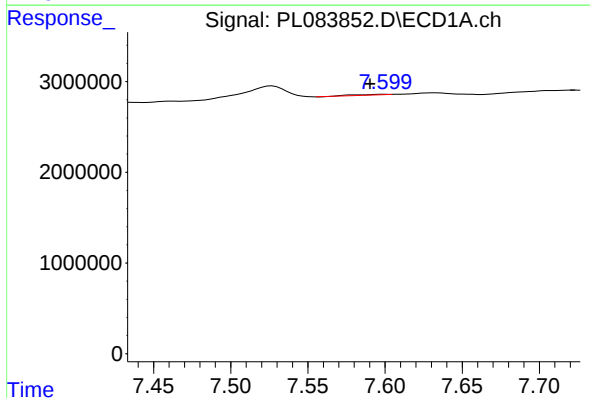
R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: -50654
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



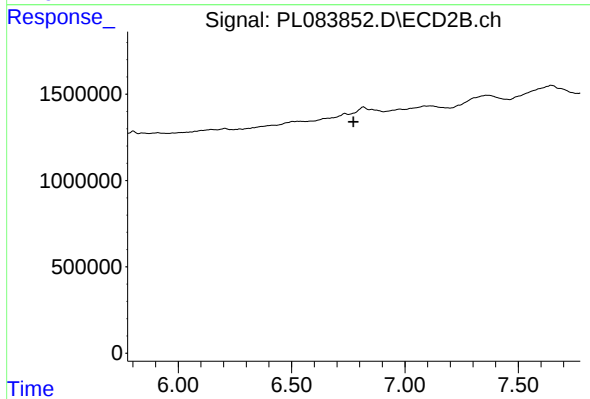
#20 Methoxychlor

R.T.: 6.587 min
Delta R.T.: 0.026 min
Response: 12662
Conc: 0.03 ng/ml



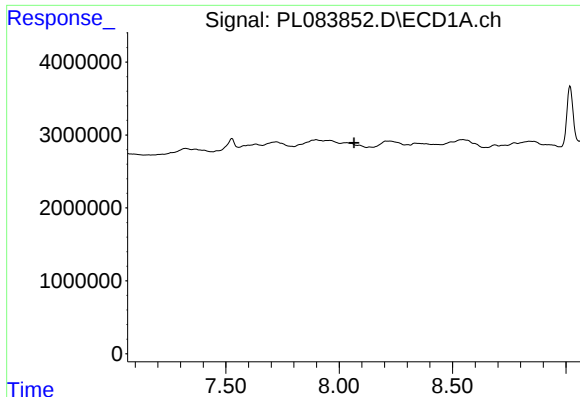
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.010 min
Response: 96045
Conc: 0.05 ng/ml



#21 Endrin ketone

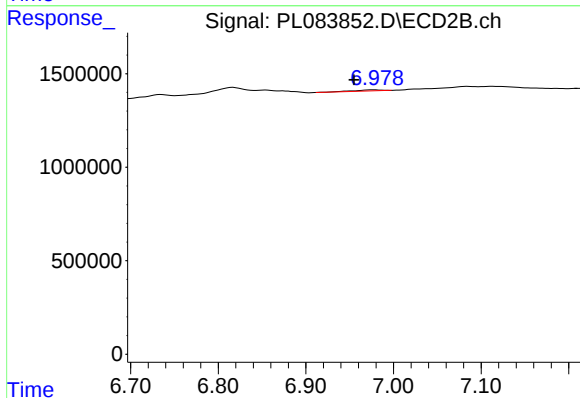
R.T.: 0.000 min
Exp R.T.: 6.774 min
Response: 0
Conc: N.D.



#22 Mirex

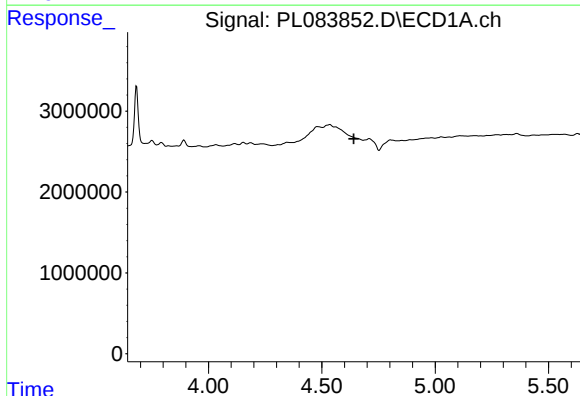
R.T.: 0.000 min
Exp R.T.: 8.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



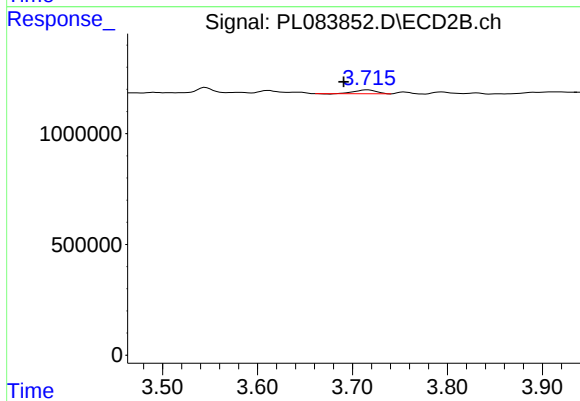
#22 Mirex

R.T.: 6.978 min
Delta R.T.: 0.023 min
Response: 132560
Conc: 0.13 ng/ml



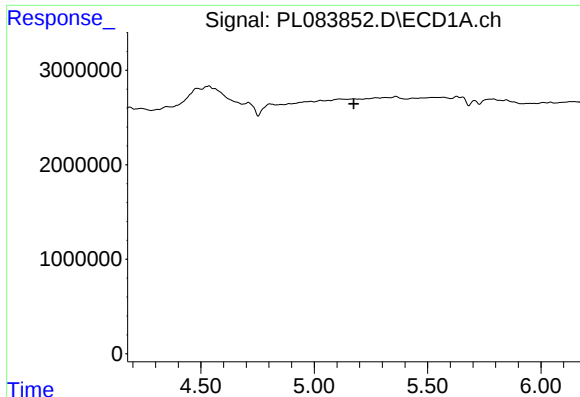
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.641 min
Response: 0
Conc: N.D.



#23 Chlordane-1

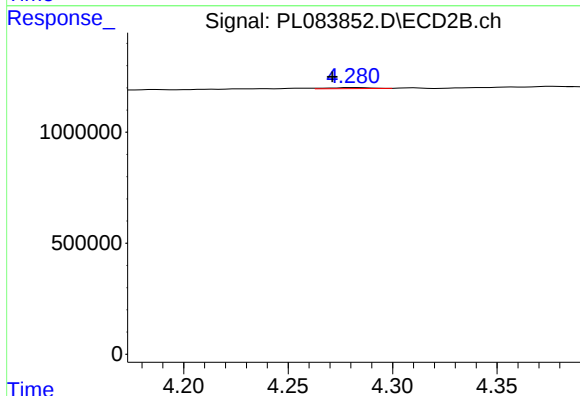
R.T.: 3.716 min
Delta R.T.: 0.025 min
Response: 284341
Conc: 0.72 ng/ml



#24 Chlordane-2

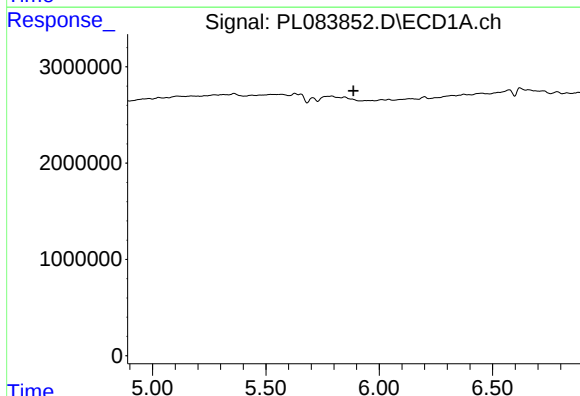
R.T.: 0.000 min
Exp R.T.: 5.174 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



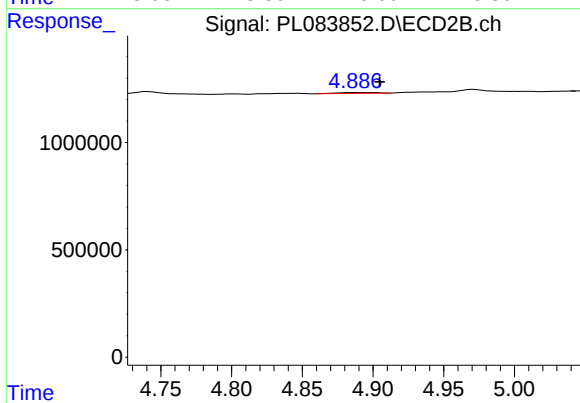
#24 Chlordane-2

R.T.: 4.281 min
Delta R.T.: 0.010 min
Response: 62413
Conc: 0.15 ng/ml



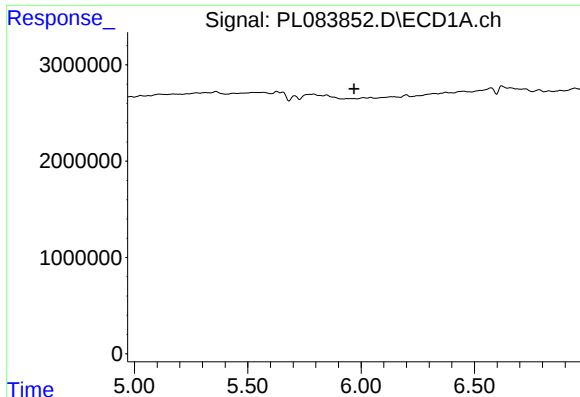
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.887 min
Response: 0
Conc: N.D.



#25 Chlordane-3

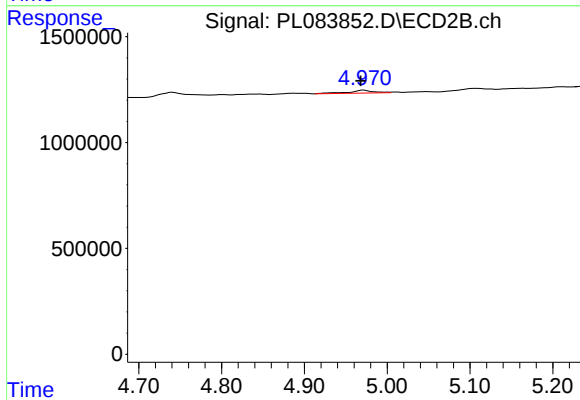
R.T.: 4.887 min
Delta R.T.: -0.018 min
Response: 78328
Conc: 0.06 ng/ml



#26 Chlordane-4

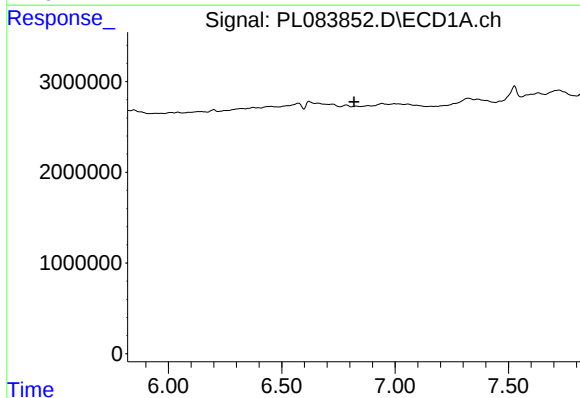
R.T.: 0.000 min
Exp R.T.: 5.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



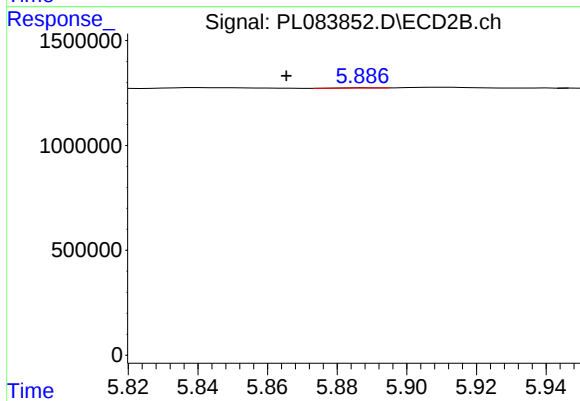
#26 Chlordane-4

R.T.: 4.972 min
Delta R.T.: 0.003 min
Response: 280809
Conc: 0.20 ng/ml



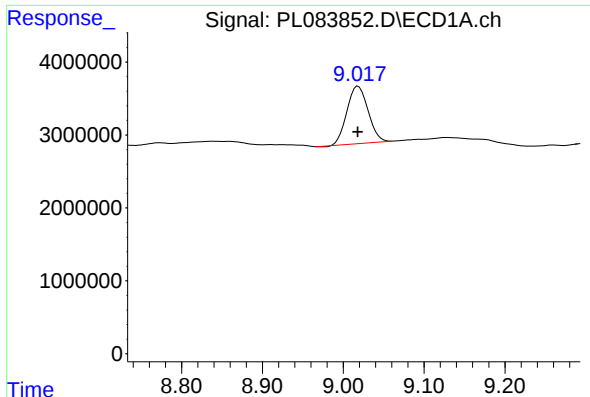
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.819 min
Response: 0
Conc: N.D.



#27 Chlordane-5

R.T.: 5.888 min
Delta R.T.: 0.023 min
Response: 7560
Conc: 0.02 ng/ml



#28 Decachlorobiphenyl

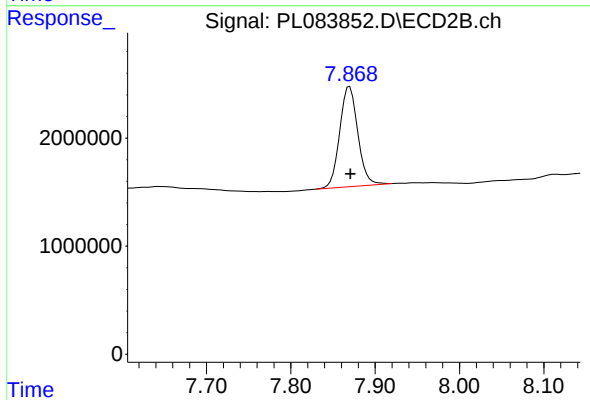
R.T.: 9.019 min

Delta R.T.: 0.000 min

Response: 14228273

Conc: 10.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.870 min

Delta R.T.: -0.001 min

Response: 13836878

Conc: 12.45 ng/ml