

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082823\
 Data File : PL085023.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2023 14:11
 Operator : AR\AJ
 Sample : 04170-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

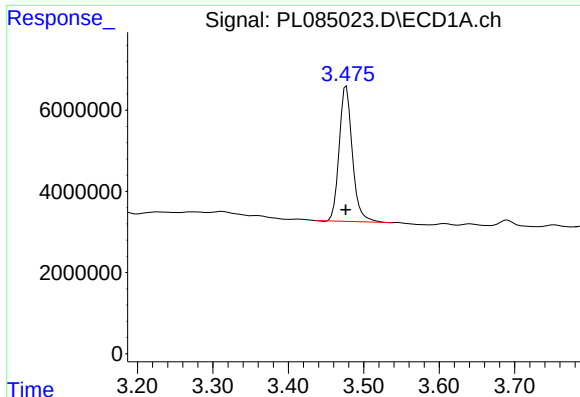
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 22:08:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.477	2.684	40439612	19607958	17.405	18.032
28)	SA Decachlor...	9.026	7.864	29348394	23141452	18.037	18.561
Target Compounds							
2)	A alpha-BHC	0.000	3.185	0	170726	N.D.	0.111 #
3)	MA gamma-BHC...	4.241f	3.551f	450359	77074	0.141	0.051 #
4)	MA Heptachlor	4.832f	3.881f	8515584	483044	2.532	0.339 #
5)	MB Aldrin	0.000	4.159f	0	608641	N.D.	0.419 #
6)	B beta-BHC	4.454	3.829	2444732	-94820	1.750	N.D. #
7)	B delta-BHC	4.711	4.058	5082102	69132	1.576	0.046 #
8)	B Heptachlo...	5.632	4.643	2271966	105860	0.754	0.080 #
9)	A Endosulfan I	0.000	5.032	0	857258	N.D.	0.692 #
10)	B gamma-Chl...	0.000	4.882f	0	1298548	N.D.	0.957 #
11)	B alpha-Chl...	0.000	4.976	0	2834209	N.D.	2.080 #
12)	B 4,4'-DDE	6.148	5.140f	1680587	21553	0.732	0.018 #
13)	MA Dieldrin	0.000	5.292	0	188704	N.D.	0.139 #
14)	MA Endrin	0.000	5.579f	0	91050	N.D.	0.074 #
15)	B Endosulfa...	0.000	5.861	0	296751	N.D.	0.246 #
17)	MA 4,4'-DDT	7.007f	5.962	926994	295917	0.495	0.255 #
18)	B Endrin al...	0.000	6.012f	0	224395	N.D.	0.226 #
19)	B Endosulfa...	0.000	6.254	0	2439922	N.D.	2.052 #
20)	A Methoxychlor	0.000	6.563	0	64807	N.D.	0.094 #
22)	Mirex	0.000	6.926f	0	46446	N.D.	0.040 #
23)	Chlordane-1	0.000	3.710f	0	1334186	N.D.	34.808 #
24)	Chlordane-2	0.000	4.285f	0	66386	N.D.	1.325 #
25)	Chlordane-3	0.000	4.882f	0	1298548	N.D.	9.374 #
26)	Chlordane-4	0.000	4.976	0	2834209	N.D.	19.747 #
27)	Chlordane-5	0.000	5.861	0	296751	N.D.	5.827 #

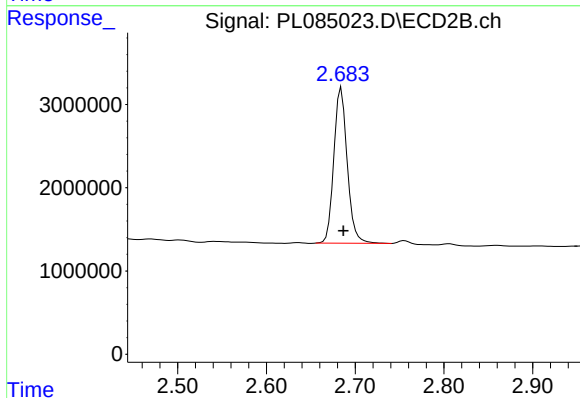
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

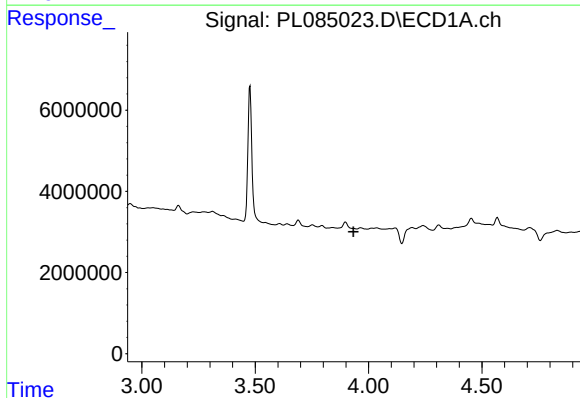
R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 40439612
Conc: 17.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



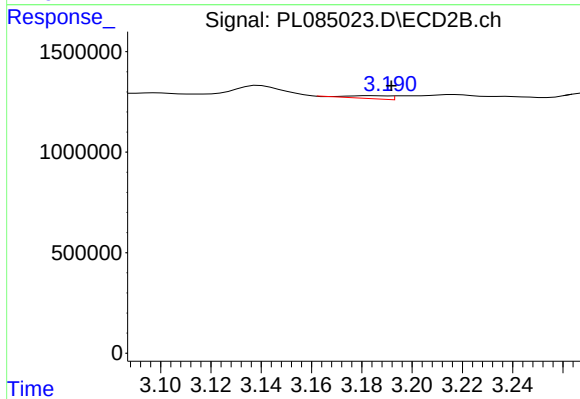
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: -0.002 min
Response: 19607958
Conc: 18.03 ng/ml



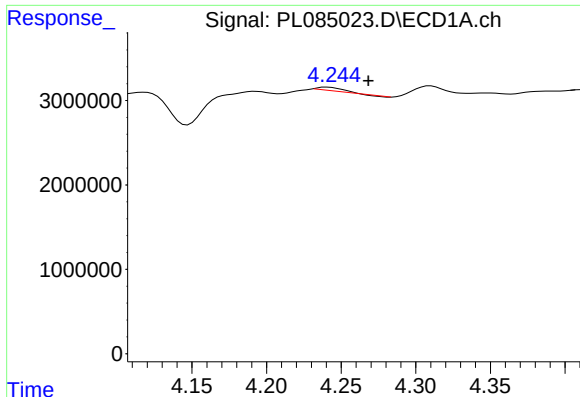
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.934 min
Response: 0
Conc: N.D.



#2 alpha-BHC

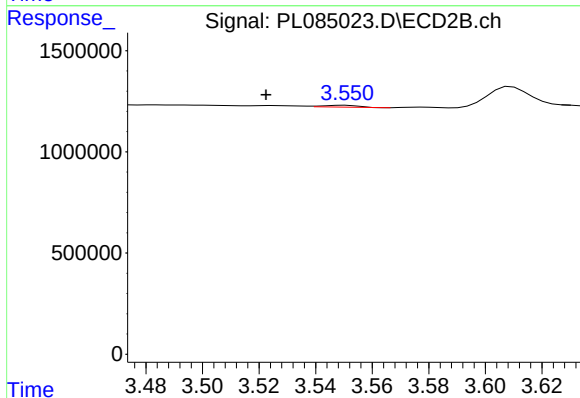
R.T.: 3.185 min
Delta R.T.: -0.007 min
Response: 170726
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

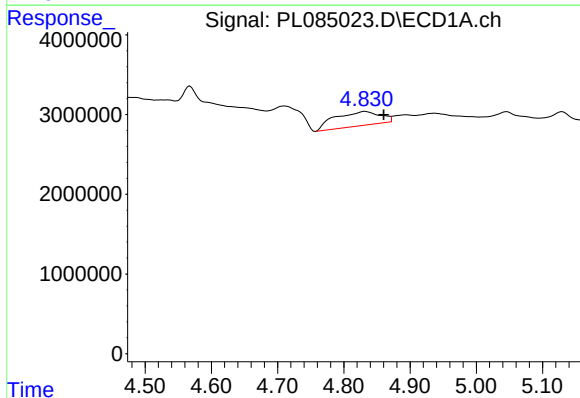
R.T.: 4.241 min
Delta R.T.: -0.027 min
Response: 450359
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



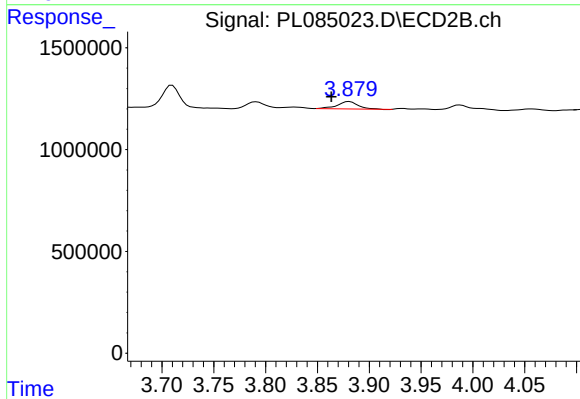
#3 gamma-BHC (Lindane)

R.T.: 3.551 min
Delta R.T.: 0.028 min
Response: 77074
Conc: 0.05 ng/ml



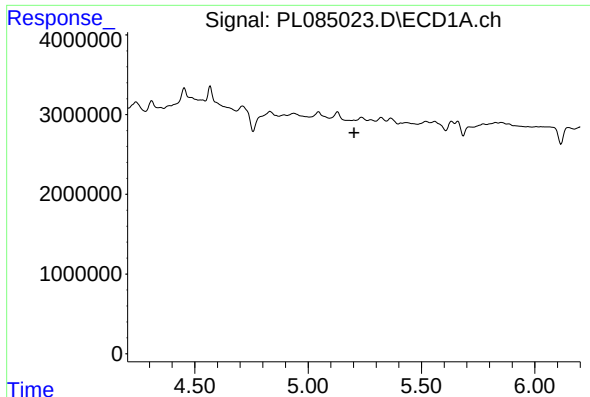
#4 Heptachlor

R.T.: 4.832 min
Delta R.T.: -0.028 min
Response: 8515584
Conc: 2.53 ng/ml



#4 Heptachlor

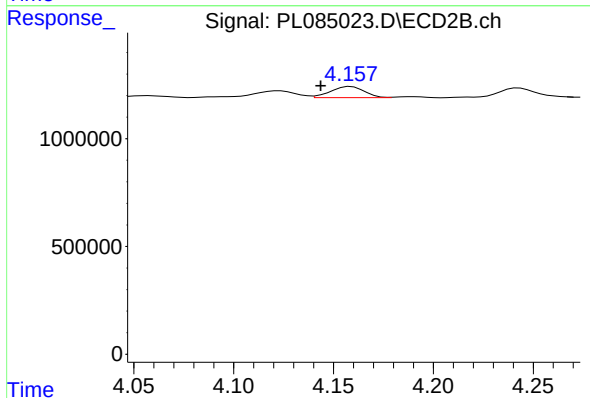
R.T.: 3.881 min
Delta R.T.: 0.017 min
Response: 483044
Conc: 0.34 ng/ml



#5 Aldrin

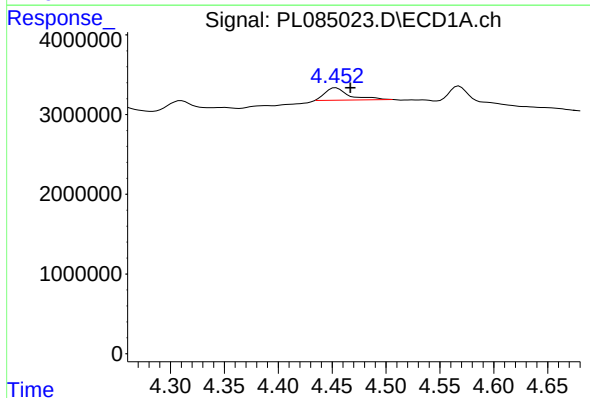
R.T.: 0.000 min
Exp R.T.: 5.203 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



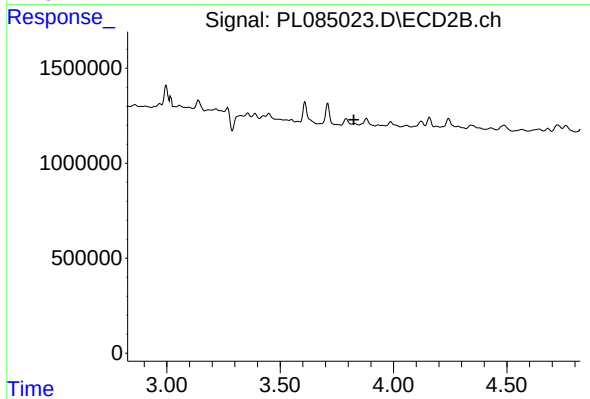
#5 Aldrin

R.T.: 4.159 min
Delta R.T.: 0.015 min
Response: 608641
Conc: 0.42 ng/ml



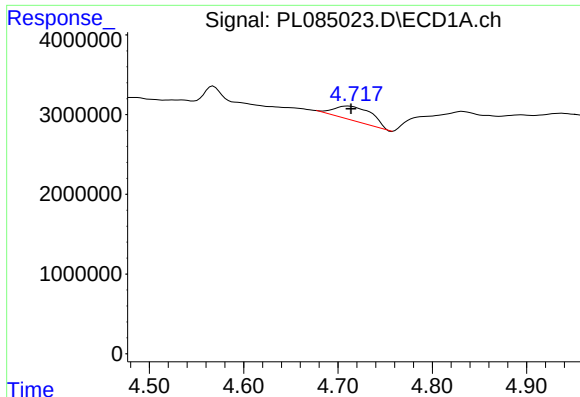
#6 beta-BHC

R.T.: 4.454 min
Delta R.T.: -0.013 min
Response: 2444732
Conc: 1.75 ng/ml



#6 beta-BHC

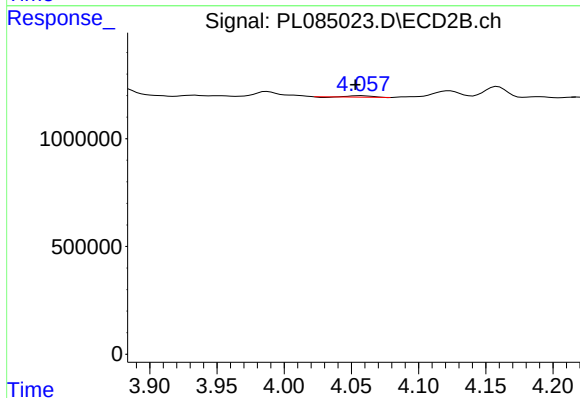
R.T.: 3.829 min
Delta R.T.: 0.004 min
Response: -94820
Conc: N.D.



#7 delta-BHC

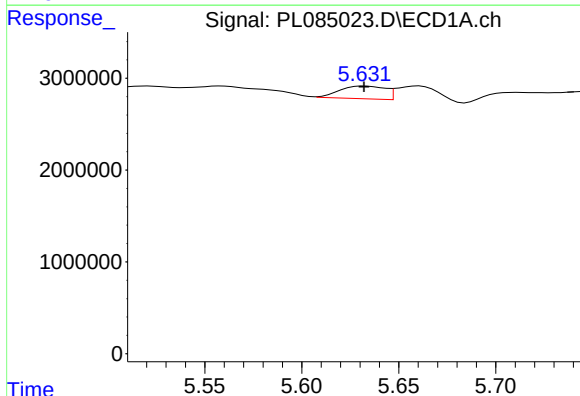
R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 5082102
Conc: 1.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



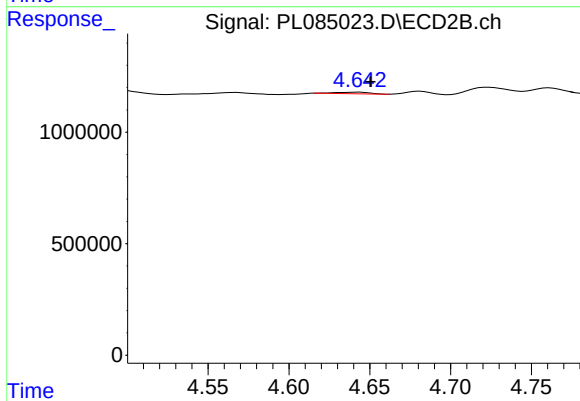
#7 delta-BHC

R.T.: 4.058 min
Delta R.T.: 0.005 min
Response: 69132
Conc: 0.05 ng/ml



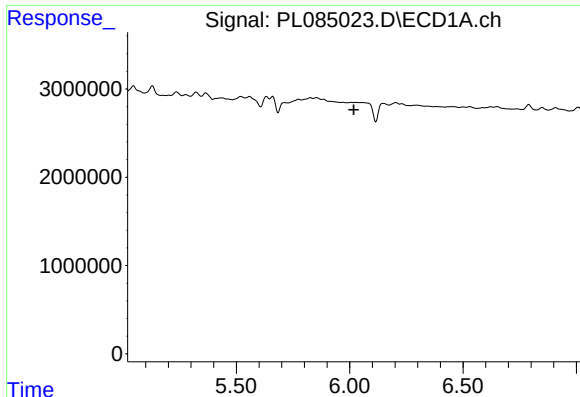
#8 Heptachlor epoxide

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 2271966
Conc: 0.75 ng/ml



#8 Heptachlor epoxide

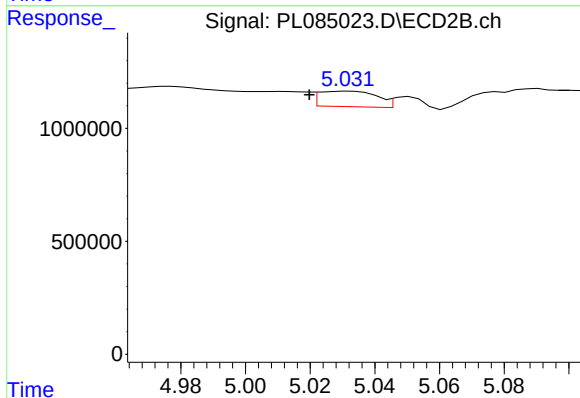
R.T.: 4.643 min
Delta R.T.: -0.007 min
Response: 105860
Conc: 0.08 ng/ml



#9 Endosulfan I

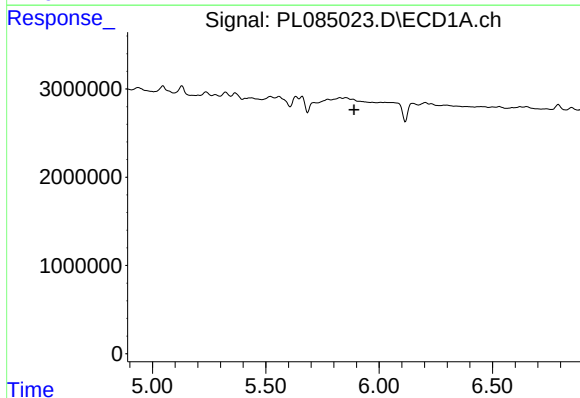
R.T.: 0.000 min
Exp R.T.: 6.018 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



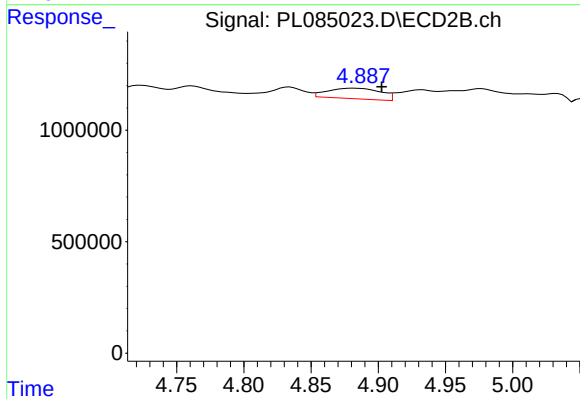
#9 Endosulfan I

R.T.: 5.032 min
Delta R.T.: 0.012 min
Response: 857258
Conc: 0.69 ng/ml



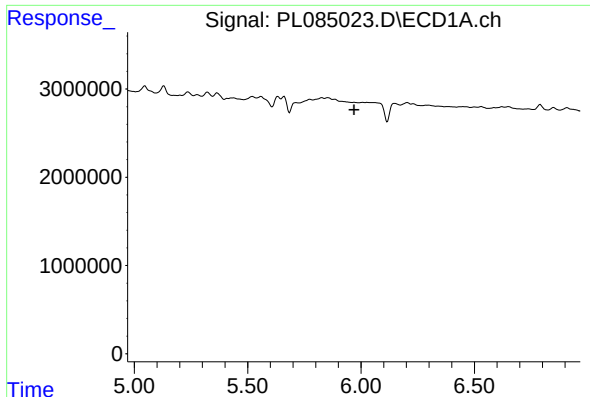
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.889 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

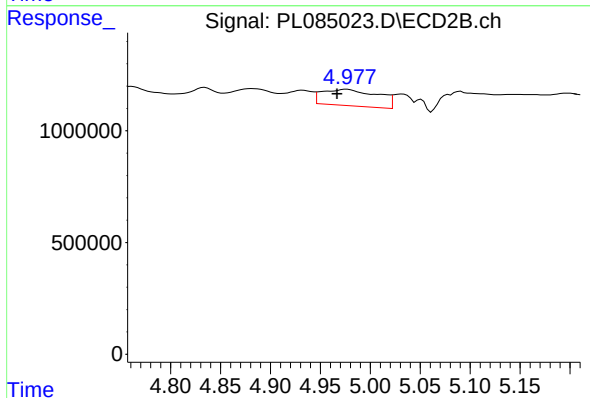
R.T.: 4.882 min
Delta R.T.: -0.021 min
Response: 1298548
Conc: 0.96 ng/ml



#11 alpha-Chlordane

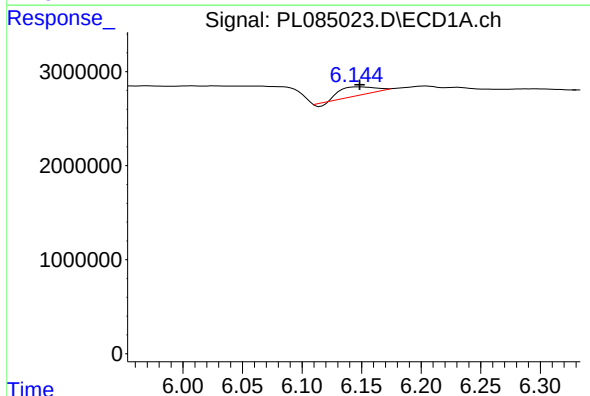
R.T.: 0.000 min
Exp R.T.: 5.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



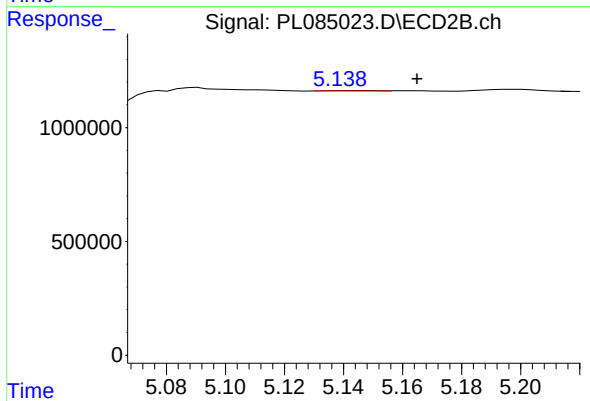
#11 alpha-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.010 min
Response: 2834209
Conc: 2.08 ng/ml



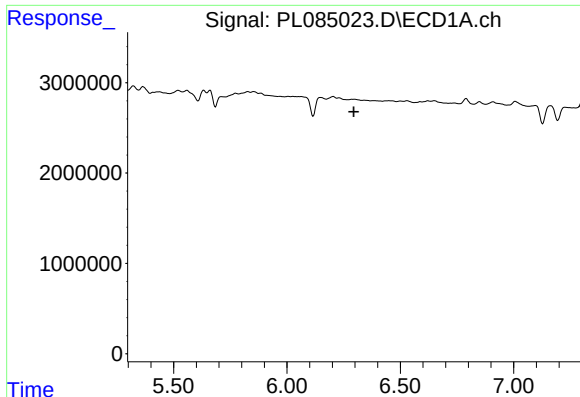
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 1680587
Conc: 0.73 ng/ml



#12 4,4'-DDE

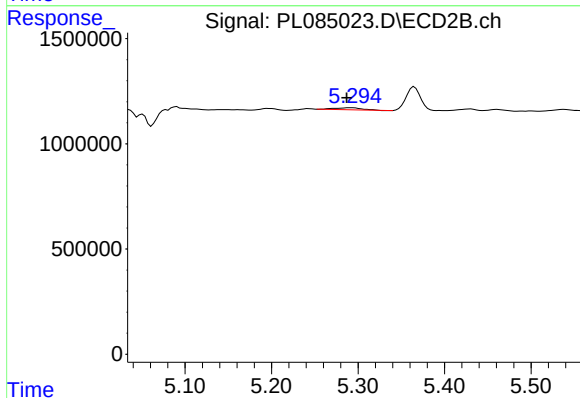
R.T.: 5.140 min
Delta R.T.: -0.025 min
Response: 21553
Conc: 0.02 ng/ml



#13 Dieldrin

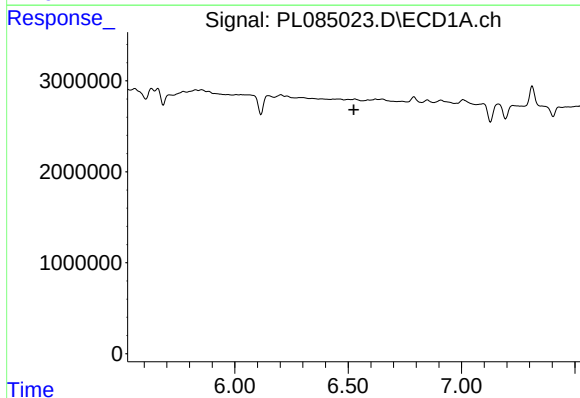
R.T.: 0.000 min
Exp R.T.: 6.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



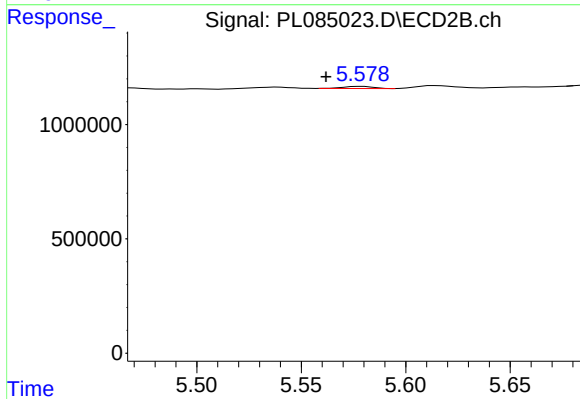
#13 Dieldrin

R.T.: 5.292 min
Delta R.T.: 0.005 min
Response: 188704
Conc: 0.14 ng/ml



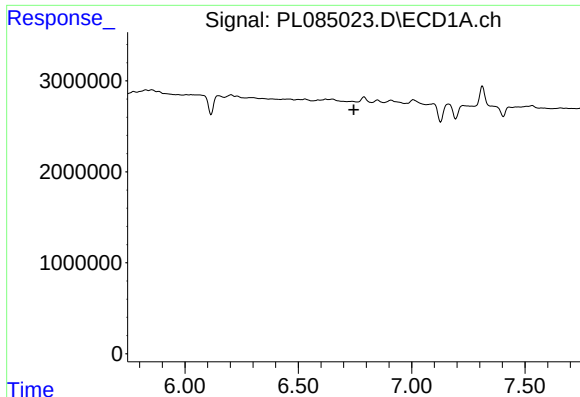
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.525 min
Response: 0
Conc: N.D.



#14 Endrin

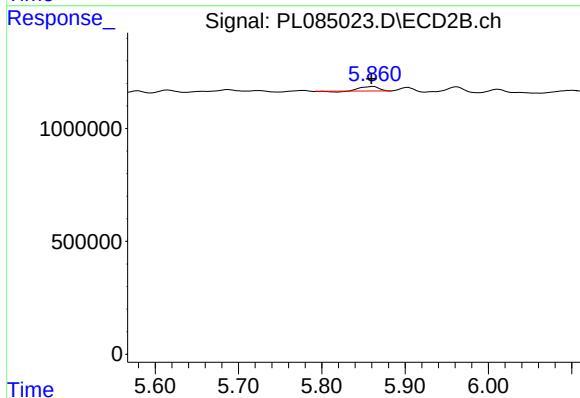
R.T.: 5.579 min
Delta R.T.: 0.017 min
Response: 91050
Conc: 0.07 ng/ml



#15 Endosulfan II

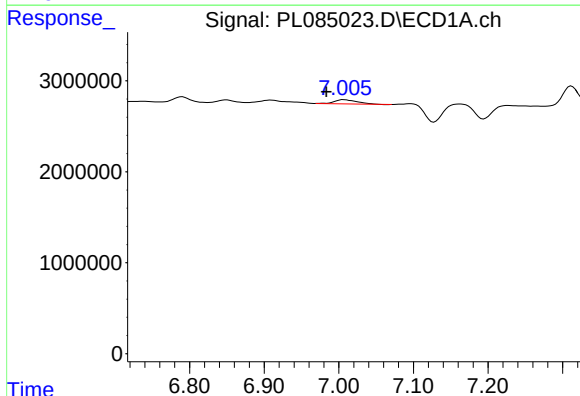
R.T.: 0.000 min
Exp R.T.: 6.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



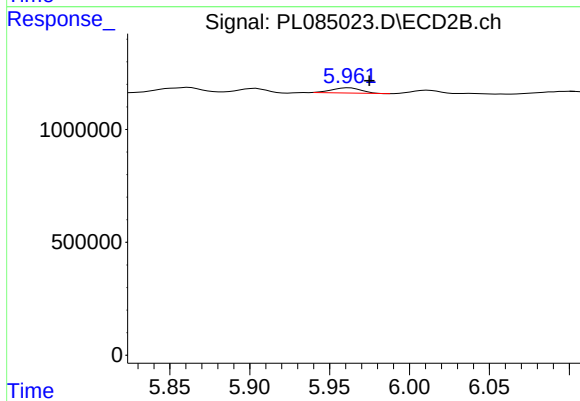
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 296751
Conc: 0.25 ng/ml



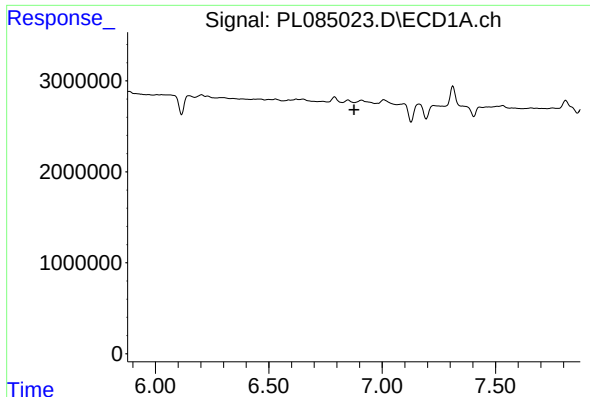
#17 4,4'-DDT

R.T.: 7.007 min
Delta R.T.: 0.024 min
Response: 926994
Conc: 0.49 ng/ml



#17 4,4'-DDT

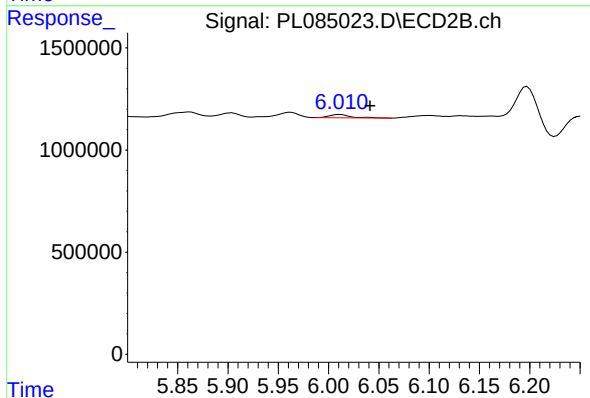
R.T.: 5.962 min
Delta R.T.: -0.013 min
Response: 295917
Conc: 0.25 ng/ml



#18 Endrin aldehyde

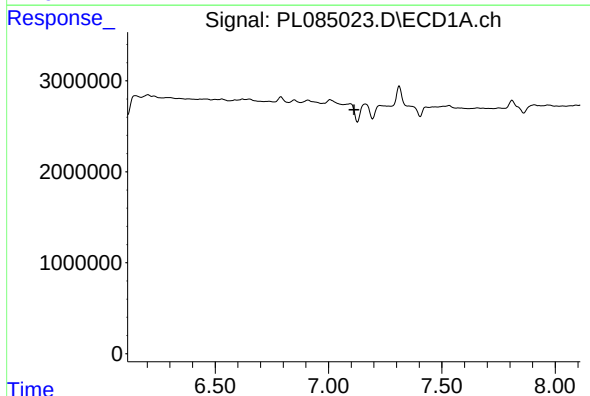
R.T.: 0.000 min
Exp R.T.: 6.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



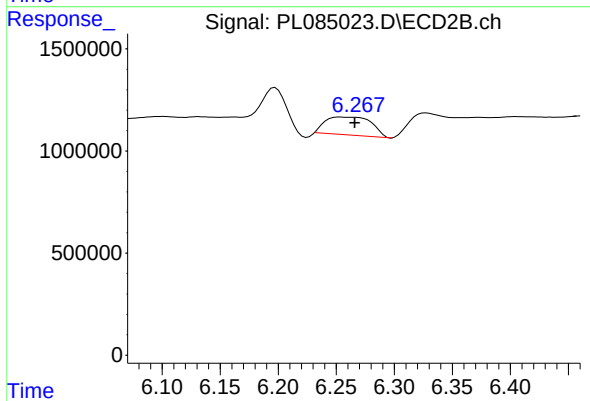
#18 Endrin aldehyde

R.T.: 6.012 min
Delta R.T.: -0.030 min
Response: 224395
Conc: 0.23 ng/ml



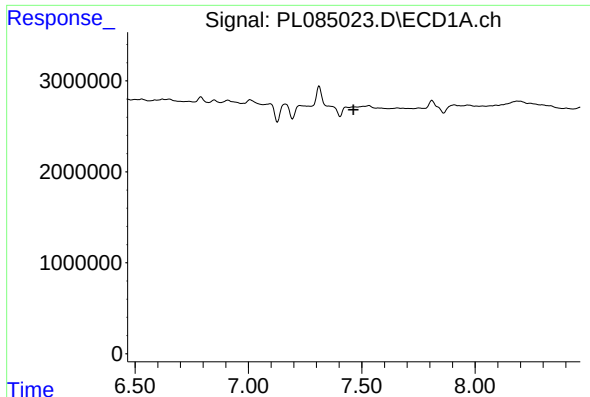
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T.: 7.112 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

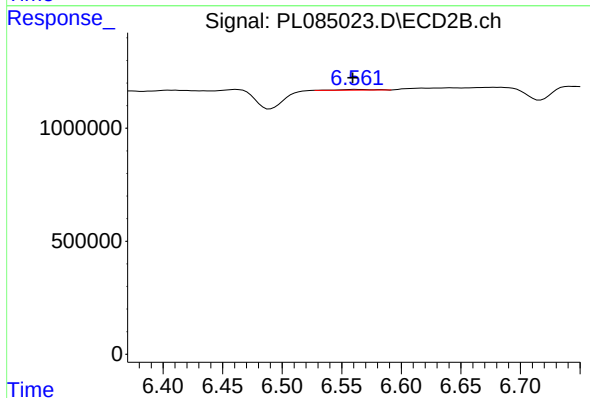
R.T.: 6.254 min
Delta R.T.: -0.012 min
Response: 2439922
Conc: 2.05 ng/ml



#20 Methoxychlor

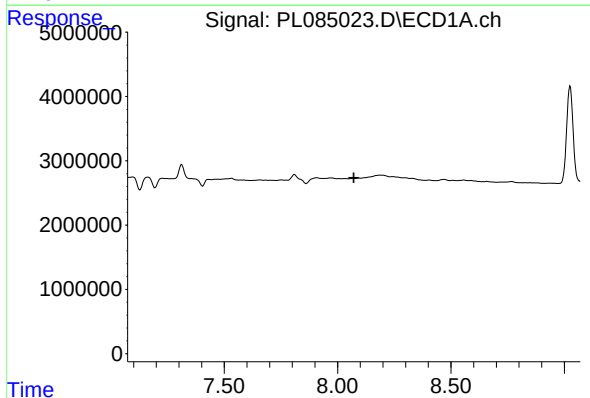
R.T.: 0.000 min
Exp R.T.: 7.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



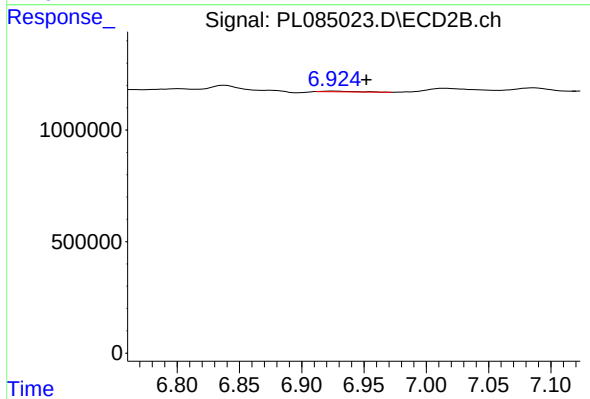
#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: 0.003 min
Response: 64807
Conc: 0.09 ng/ml



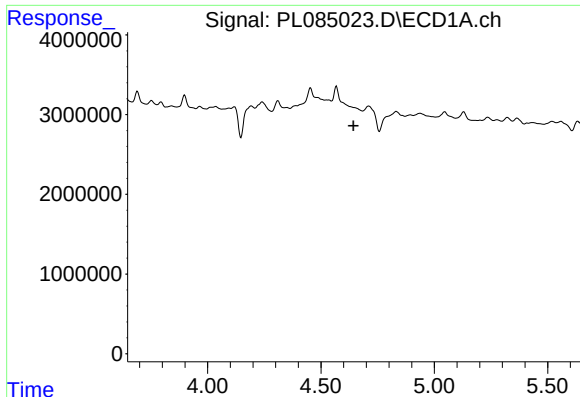
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.071 min
Response: 0
Conc: N.D.



#22 Mirex

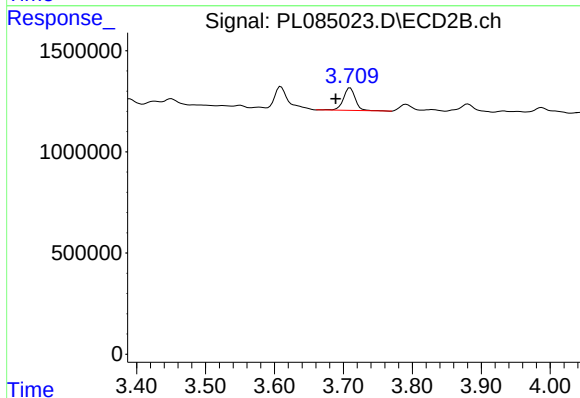
R.T.: 6.926 min
Delta R.T.: -0.026 min
Response: 46446
Conc: 0.04 ng/ml



#23 Chlordane-1

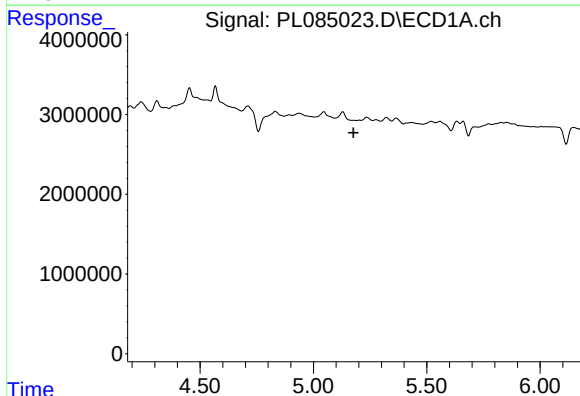
R.T.: 0.000 min
Exp R.T.: 4.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



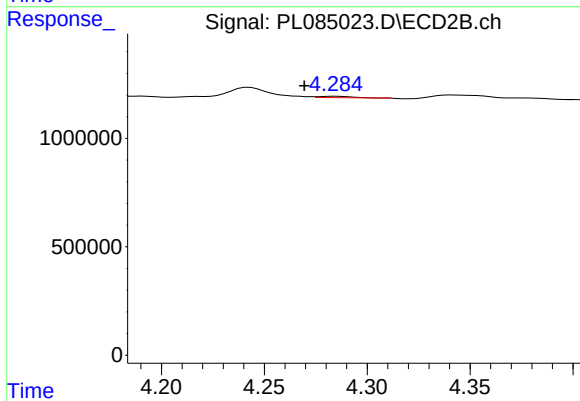
#23 Chlordane-1

R.T.: 3.710 min
Delta R.T.: 0.021 min
Response: 1334186
Conc: 34.81 ng/ml



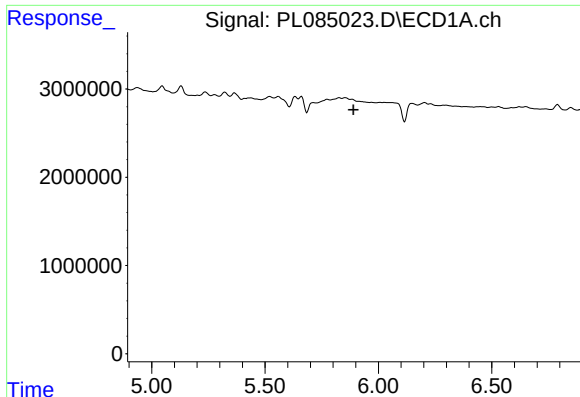
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.177 min
Response: 0
Conc: N.D.



#24 Chlordane-2

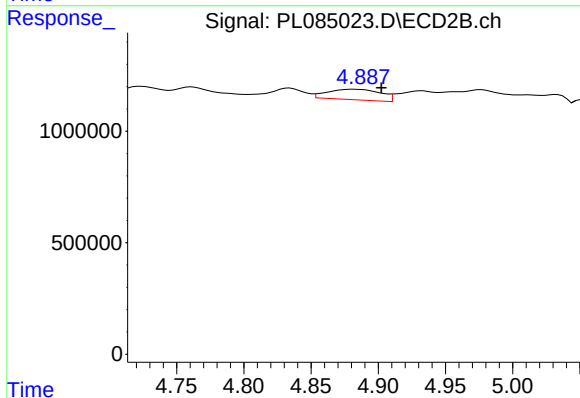
R.T.: 4.285 min
Delta R.T.: 0.015 min
Response: 66386
Conc: 1.33 ng/ml



#25 Chlordane-3

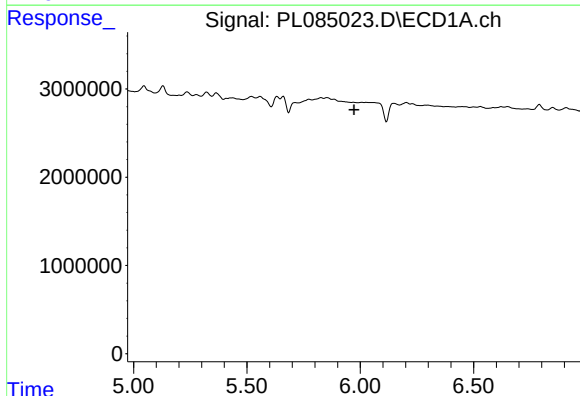
R.T.: 0.000 min
Exp R.T.: 5.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



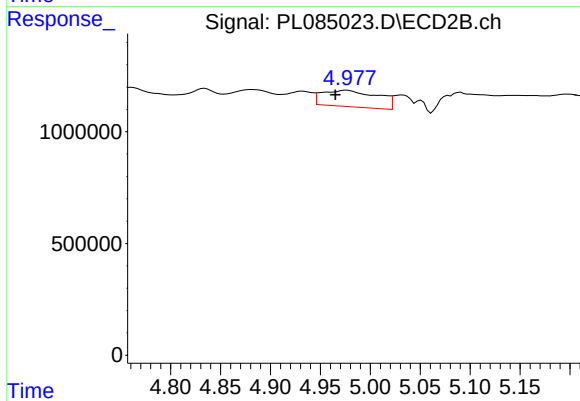
#25 Chlordane-3

R.T.: 4.882 min
Delta R.T.: -0.020 min
Response: 1298548
Conc: 9.37 ng/ml



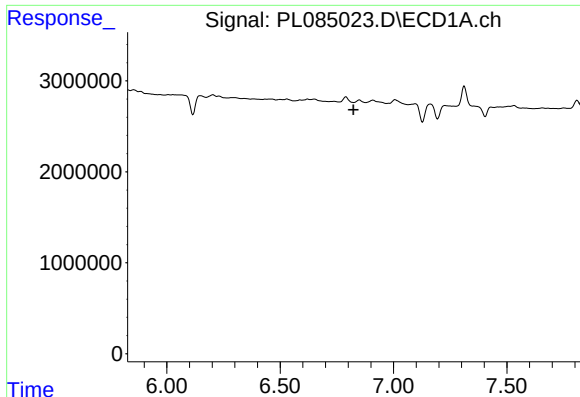
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.973 min
Response: 0
Conc: N.D.



#26 Chlordane-4

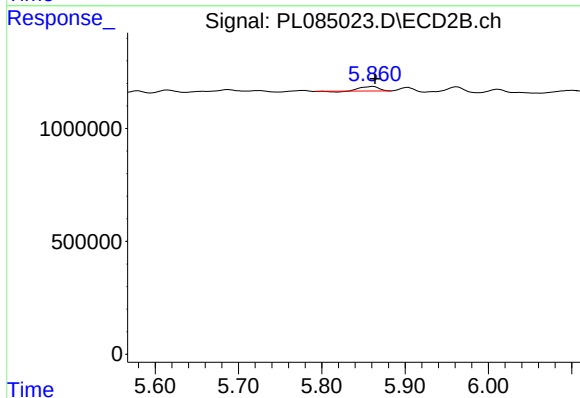
R.T.: 4.976 min
Delta R.T.: 0.011 min
Response: 2834209
Conc: 19.75 ng/ml



#27 Chlordane-5

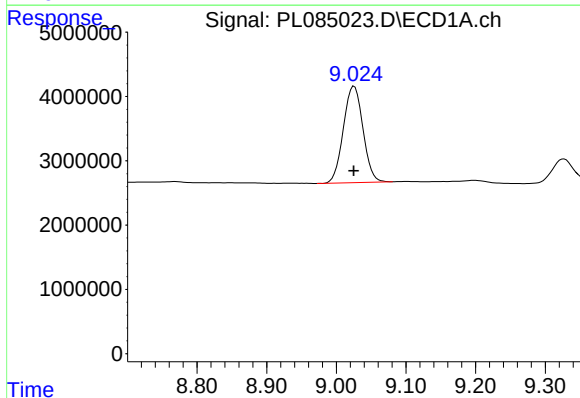
R.T.: 0.000 min
Exp R.T.: 6.824 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



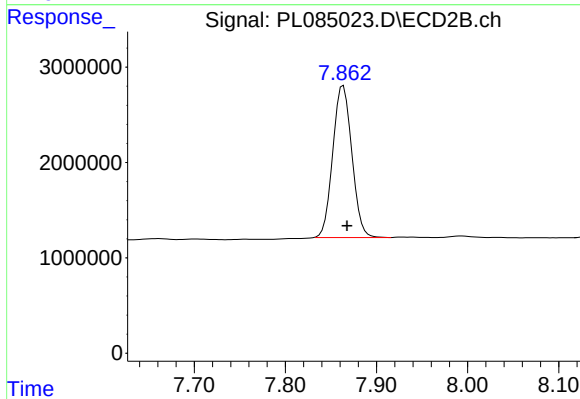
#27 Chlordane-5

R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 296751
Conc: 5.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 29348394
Conc: 18.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 23141452
Conc: 18.56 ng/ml