

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101023\
 Data File : PL085818.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 16:22
 Operator : AR\AJ
 Sample : 04699-02
 Misc : TOX LOQ 100PPB SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT4-2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 20:43:44 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...	3.356	2.621	53892255	16226085	18.120	17.371
28)	SA Decachlor...	8.860	7.776	47389525	21002579	21.758	22.755
Target Compounds							
2)	A alpha-BHC	3.811	3.119	237691	69030	0.055	0.055
3)	MA gamma-BHC...	0.000	3.444	0	102636	N.D.	0.083 #
4)	MA Heptachlor	4.740	0.000	832471	0	0.215	N.D. #
5)	MB Aldrin	0.000	4.039f	0	19561	N.D.	0.017 #
7)	B delta-BHC	4.595	3.984	5584246	14052	1.456	0.012 #
8)	B Heptachlo...	0.000	4.569	0	97514	N.D.	0.097 #
9)	A Endosulfan I	5.862f	4.951f	337925	416707	0.104	0.388 #
10)	B gamma-Chl...	5.777f	4.844f	912299	1342031	0.267	1.355 #
11)	B alpha-Chl...	5.822f	4.903f	974313	718009	0.285	0.658 #
12)	B 4,4'-DDE	0.000	5.054f	0	46746	N.D.	0.057 #
13)	MA Dieldrin	6.153	5.193	349983	87581	0.107	0.090
14)	MA Endrin	6.365f	5.456f	845638	29737	0.297	0.033 #
15)	B Endosulfa...	6.622	5.770	1106409	756340	0.402	0.795 #
16)	A 4,4'-DDD	6.522f	5.641	783040	48774	0.389	0.070 #
17)	MA 4,4'-DDT	6.881f	5.880	6164279	360325	2.615	0.456 #
18)	B Endrin al...	6.759f	5.963	371741	845715	0.183	1.134 #
19)	B Endosulfa...	6.969	6.170	7613812	129499	3.034	0.144 #
22)	Mirex	0.000	6.884f	0	1539027	N.D.	1.632 #
23)	Chlordane-1	0.000	3.612	0	22437	N.D.	0.688 #
24)	Chlordane-2	0.000	4.177	0	351757	N.D.	9.039 #
25)	Chlordane-3	5.777f	4.844f	912299	1342031	1.788	13.281 #
26)	Chlordane-4	5.862f	4.903f	337925	718009	0.533	6.201 #
27)	Chlordane-5	6.674	0.000	1364495	0	13.301	N.D. #

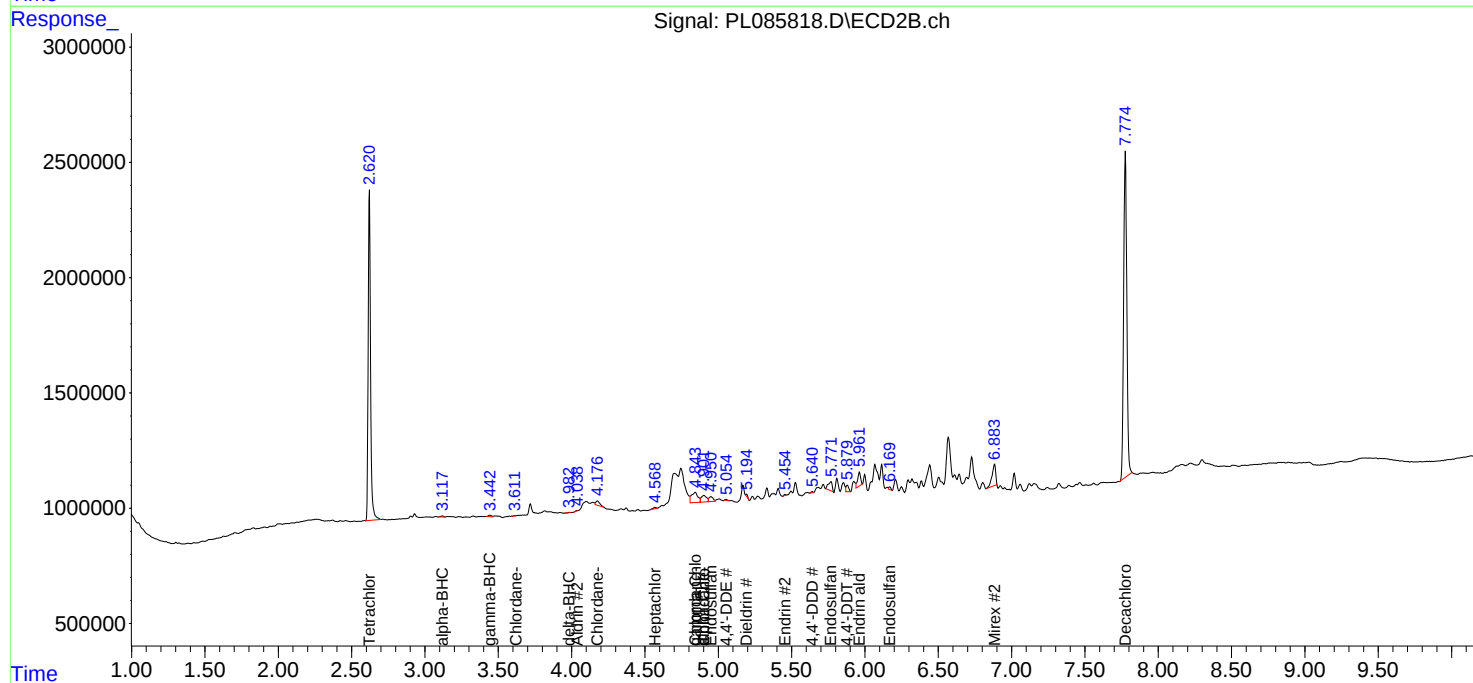
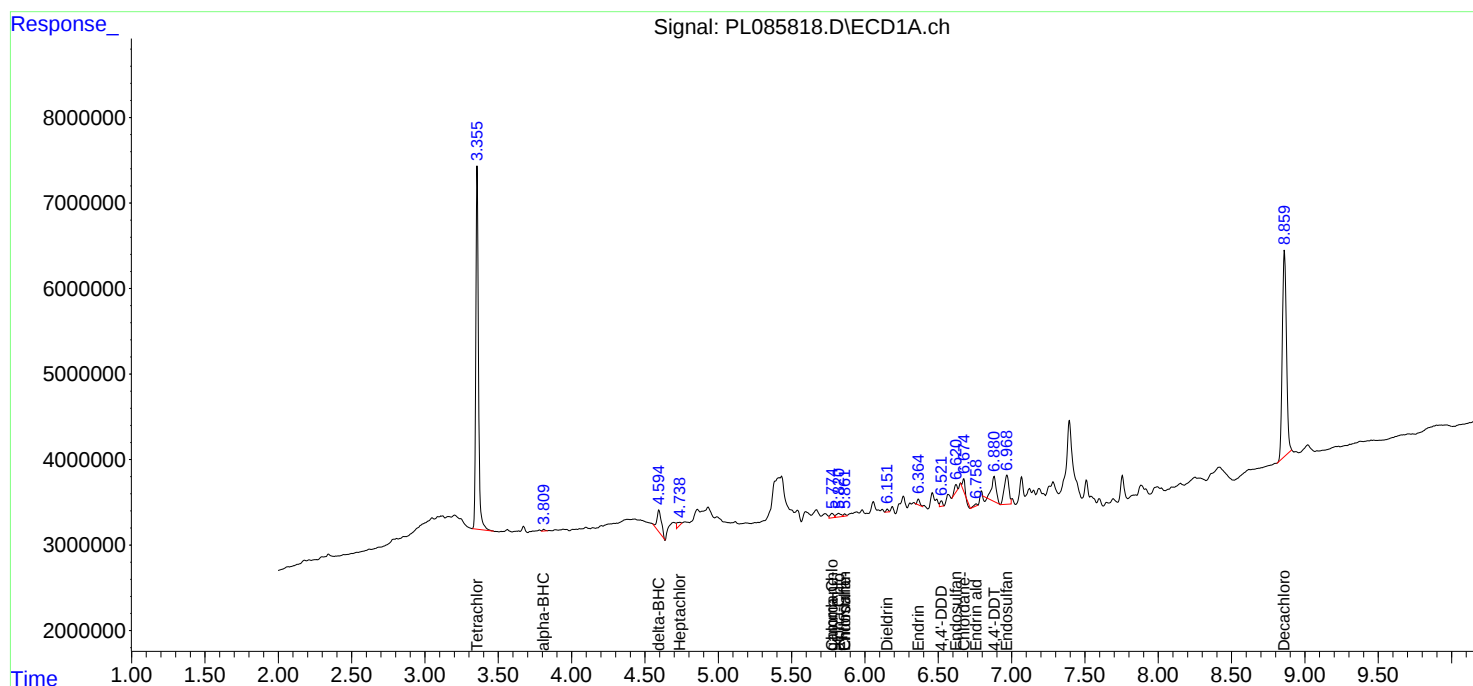
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

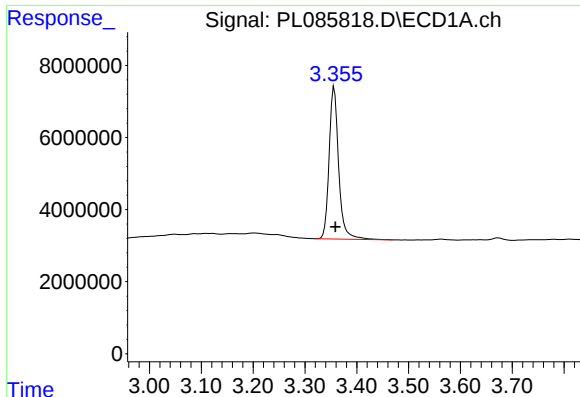
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101023\
 Data File : PL085818.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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 LOQ-SOIL-02-QT4-2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 20:43:44 2023
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

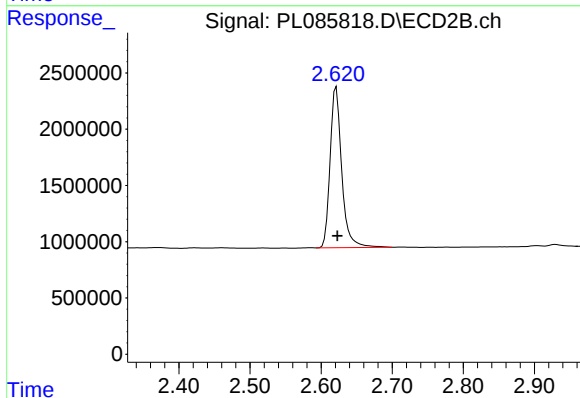




#1 Tetrachloro-m-xylene

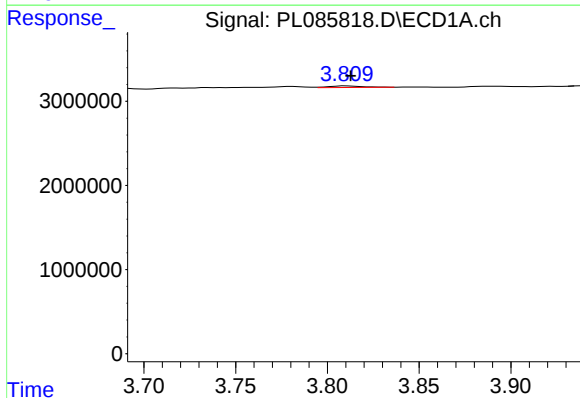
R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 53892255
Conc: 18.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023



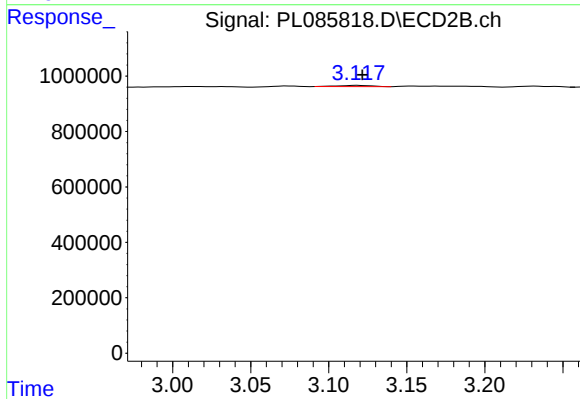
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.001 min
Response: 16226085
Conc: 17.37 ng/ml



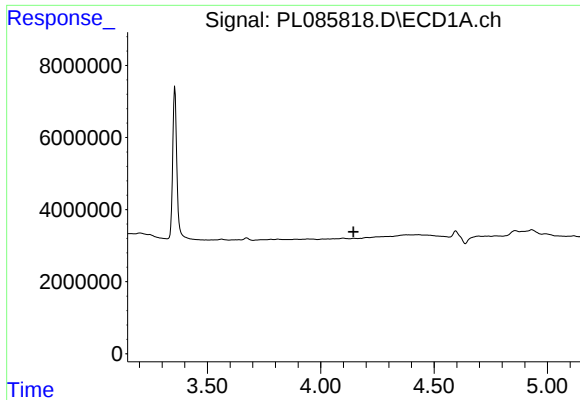
#2 alpha-BHC

R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 237691
Conc: 0.06 ng/ml



#2 alpha-BHC

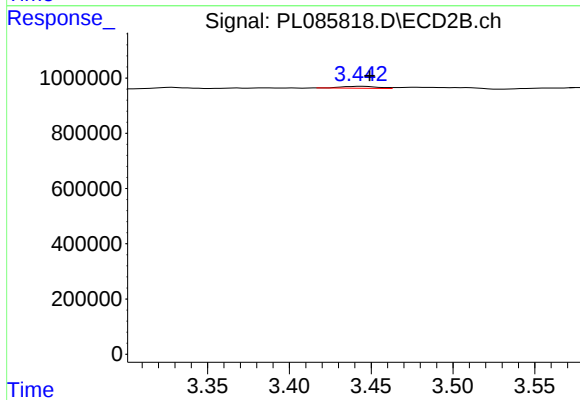
R.T.: 3.119 min
Delta R.T.: -0.003 min
Response: 69030
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

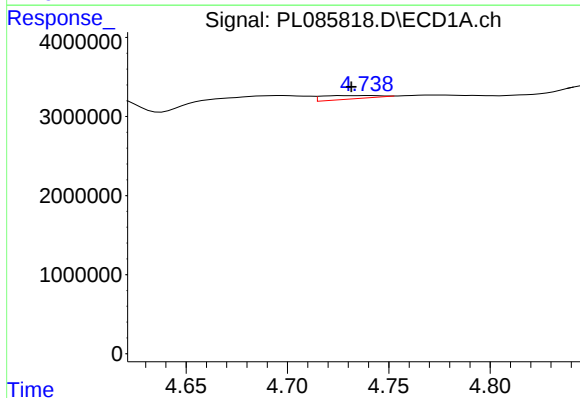
R.T.: 0.000 min
Exp R.T.: 4.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023



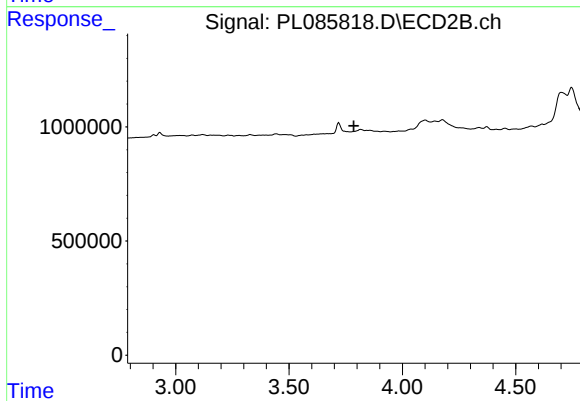
#3 gamma-BHC (Lindane)

R.T.: 3.444 min
Delta R.T.: -0.005 min
Response: 102636
Conc: 0.08 ng/ml



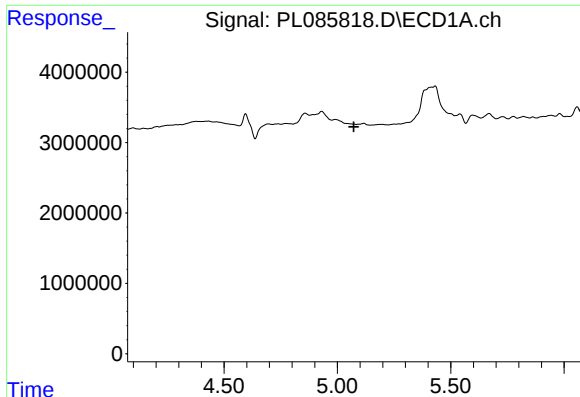
#4 Heptachlor

R.T.: 4.740 min
Delta R.T.: 0.009 min
Response: 832471
Conc: 0.22 ng/ml



#4 Heptachlor

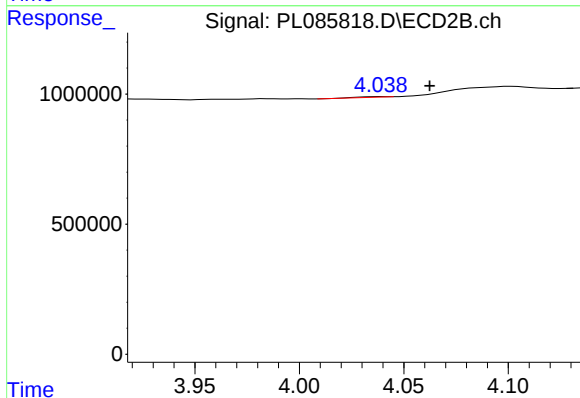
R.T.: 0.000 min
Exp R.T.: 3.786 min
Response: 0
Conc: N.D.



#5 Aldrin

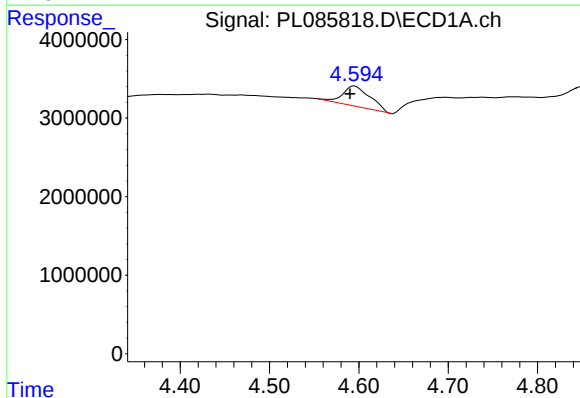
R.T.: 0.000 min
Exp R.T.: 5.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023



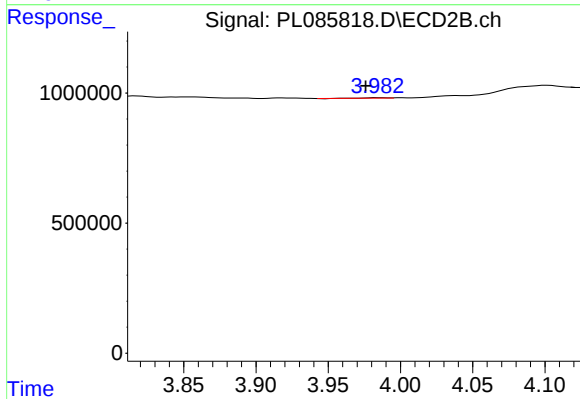
#5 Aldrin

R.T.: 4.039 min
Delta R.T.: -0.023 min
Response: 19561
Conc: 0.02 ng/ml



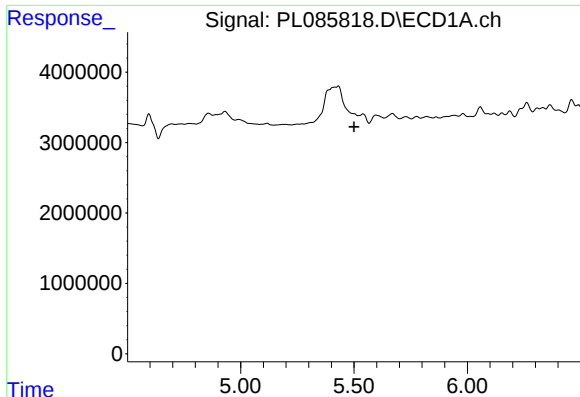
#7 delta-BHC

R.T.: 4.595 min
Delta R.T.: 0.005 min
Response: 5584246
Conc: 1.46 ng/ml



#7 delta-BHC

R.T.: 3.984 min
Delta R.T.: 0.008 min
Response: 14052
Conc: 0.01 ng/ml



#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.501 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023

#8 Heptachlor epoxide

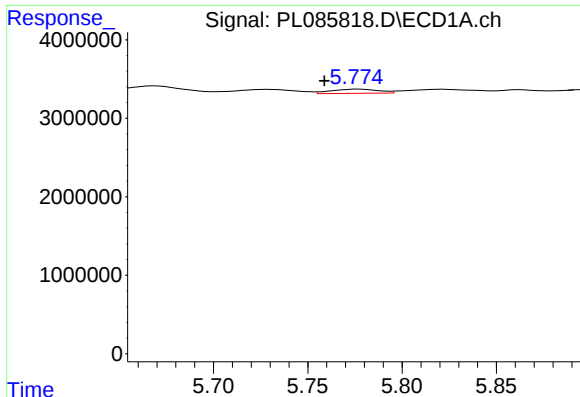
R.T.: 4.569 min
Delta R.T.: 0.002 min
Response: 97514
Conc: 0.10 ng/ml

#9 Endosulfan I

R.T.: 5.862 min
Delta R.T.: -0.023 min
Response: 337925
Conc: 0.10 ng/ml

#9 Endosulfan I

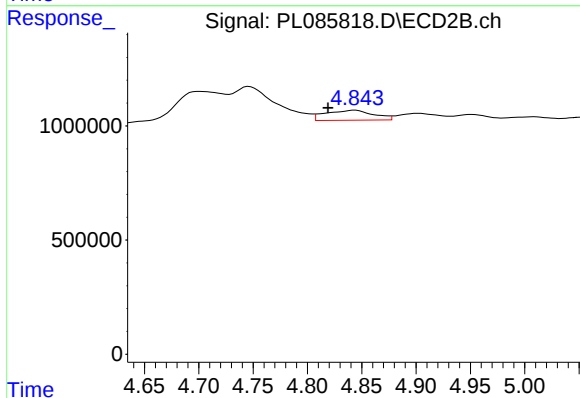
R.T.: 4.951 min
Delta R.T.: 0.017 min
Response: 416707
Conc: 0.39 ng/ml



#10 gamma-Chlordane

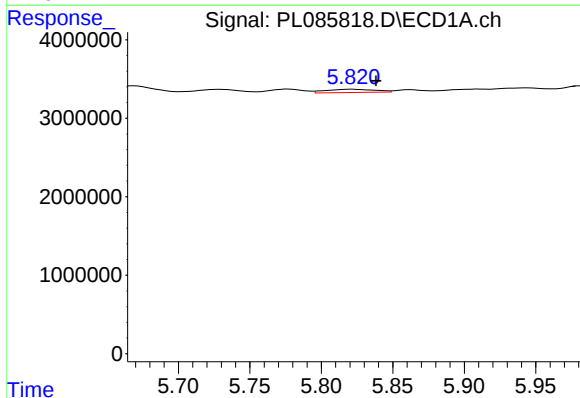
R.T.: 5.777 min
Delta R.T.: 0.018 min
Response: 912299
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023



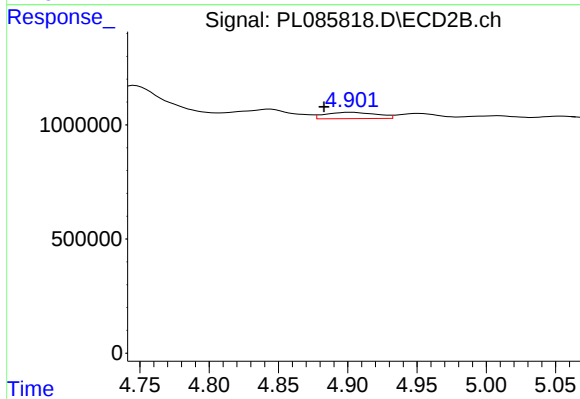
#10 gamma-Chlordane

R.T.: 4.844 min
Delta R.T.: 0.025 min
Response: 1342031
Conc: 1.36 ng/ml



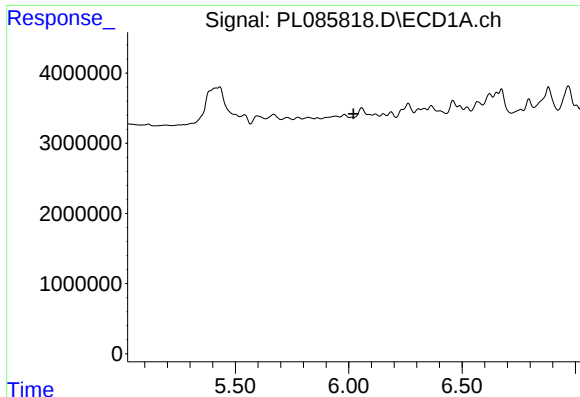
#11 alpha-Chlordane

R.T.: 5.822 min
Delta R.T.: -0.017 min
Response: 974313
Conc: 0.29 ng/ml



#11 alpha-Chlordane

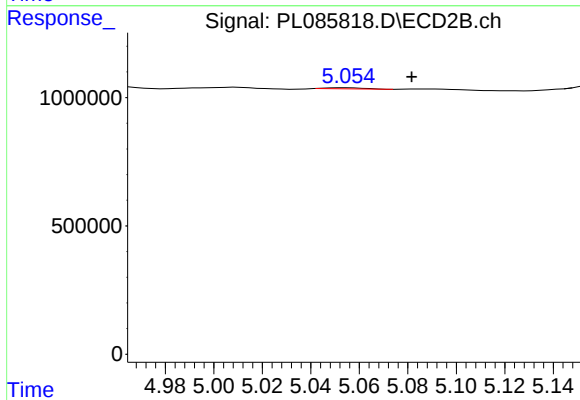
R.T.: 4.903 min
Delta R.T.: 0.020 min
Response: 718009
Conc: 0.66 ng/ml



#12 4,4'-DDE

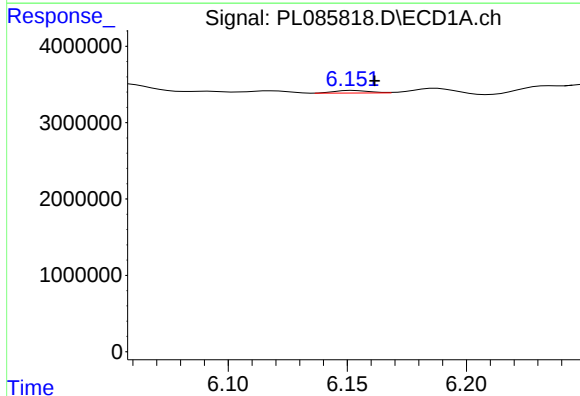
R.T.: 0.000 min
Exp R.T.: 6.021 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023



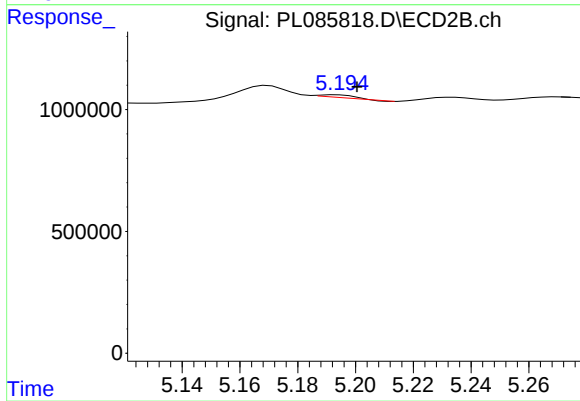
#12 4,4'-DDE

R.T.: 5.054 min
Delta R.T.: -0.027 min
Response: 46746
Conc: 0.06 ng/ml



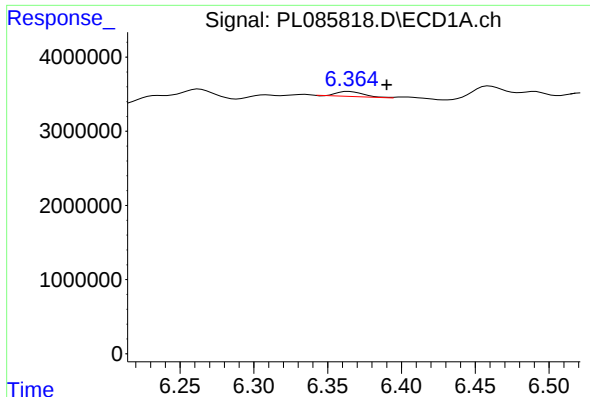
#13 Dieldrin

R.T.: 6.153 min
Delta R.T.: -0.009 min
Response: 349983
Conc: 0.11 ng/ml



#13 Dieldrin

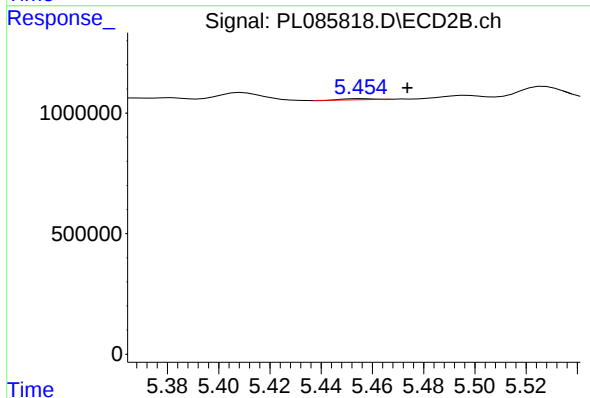
R.T.: 5.193 min
Delta R.T.: -0.007 min
Response: 87581
Conc: 0.09 ng/ml



#14 Endrin

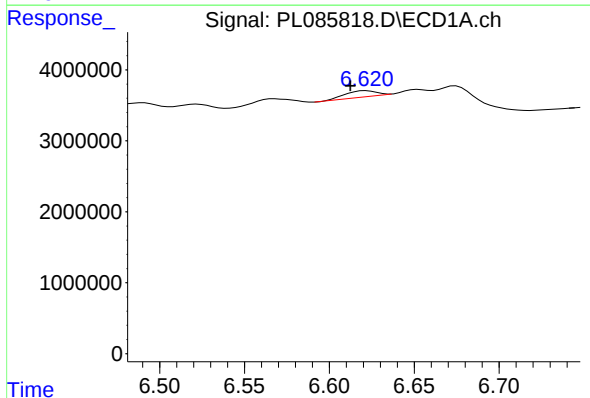
R.T.: 6.365 min
Delta R.T.: -0.025 min
Response: 845638
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023



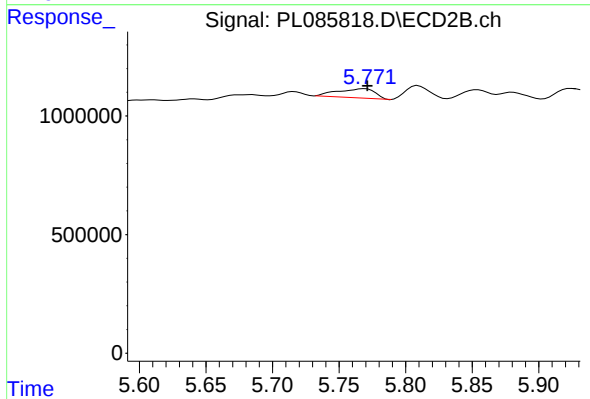
#14 Endrin

R.T.: 5.456 min
Delta R.T.: -0.018 min
Response: 29737
Conc: 0.03 ng/ml



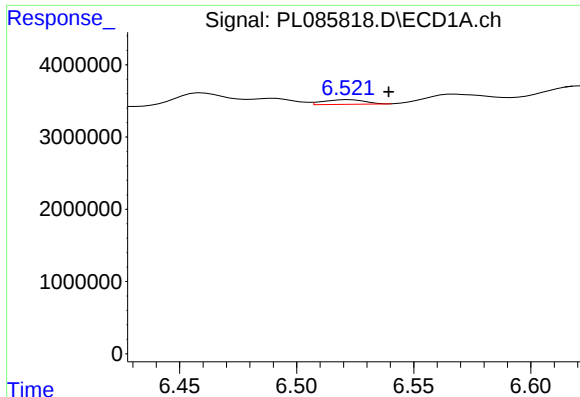
#15 Endosulfan II

R.T.: 6.622 min
Delta R.T.: 0.009 min
Response: 1106409
Conc: 0.40 ng/ml



#15 Endosulfan II

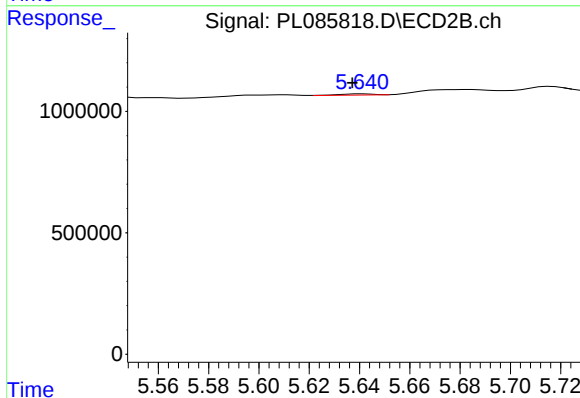
R.T.: 5.770 min
Delta R.T.: -0.001 min
Response: 756340
Conc: 0.80 ng/ml



#16 4,4'-DDD

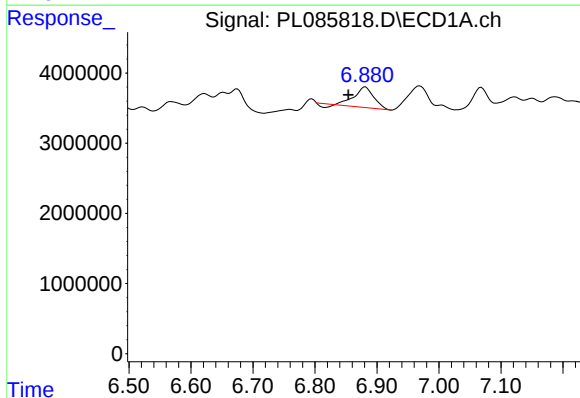
R.T.: 6.522 min
Delta R.T.: -0.017 min
Response: 783040
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023



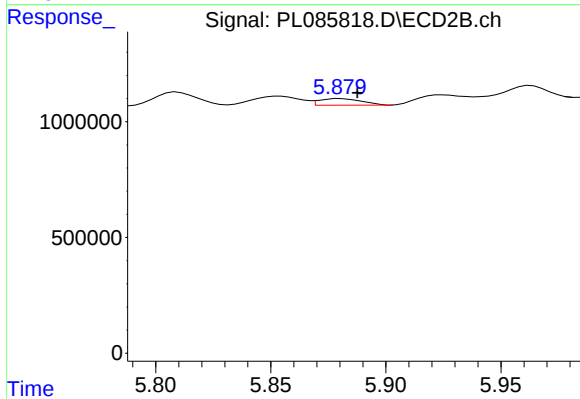
#16 4,4'-DDD

R.T.: 5.641 min
Delta R.T.: 0.004 min
Response: 48774
Conc: 0.07 ng/ml



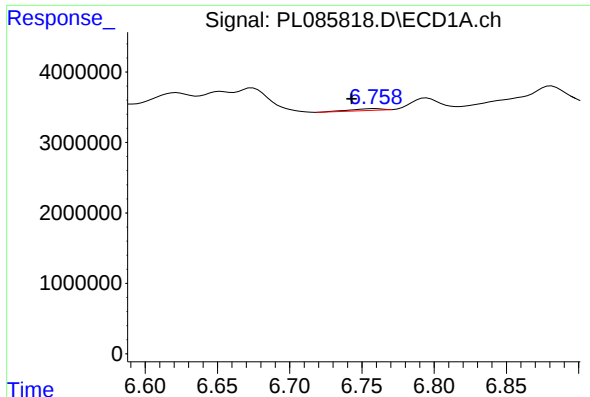
#17 4,4'-DDT

R.T.: 6.881 min
Delta R.T.: 0.027 min
Response: 6164279
Conc: 2.62 ng/ml



#17 4,4'-DDT

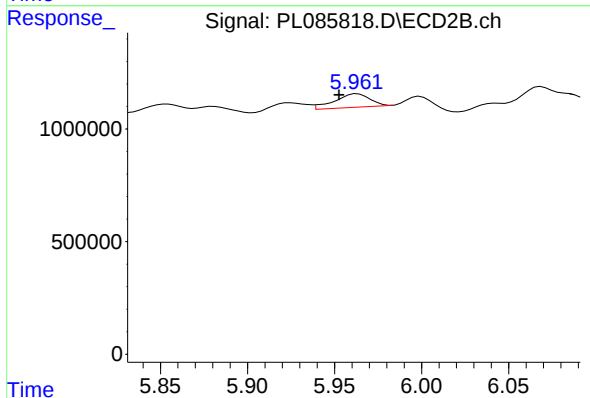
R.T.: 5.880 min
Delta R.T.: -0.007 min
Response: 360325
Conc: 0.46 ng/ml



#18 Endrin aldehyde

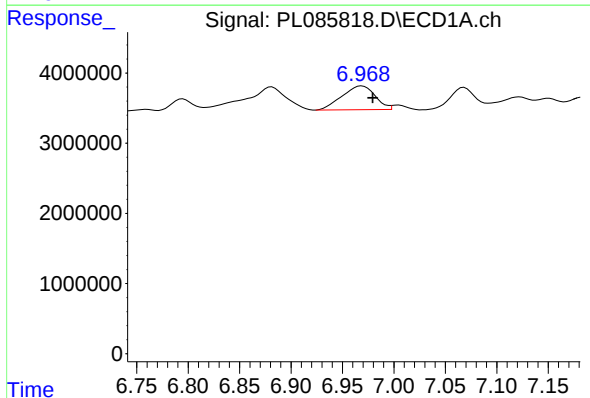
R.T.: 6.759 min
Delta R.T.: 0.016 min
Response: 371741
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023



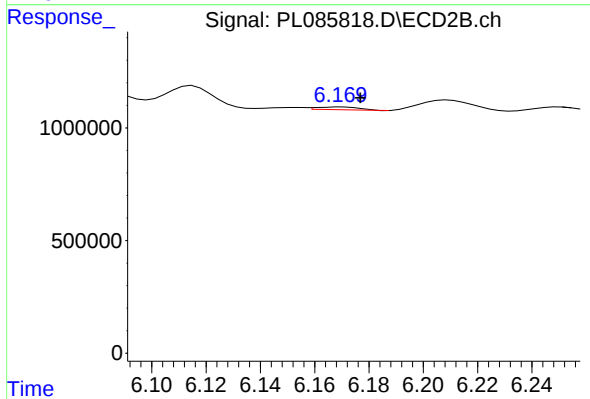
#18 Endrin aldehyde

R.T.: 5.963 min
Delta R.T.: 0.011 min
Response: 845715
Conc: 1.13 ng/ml



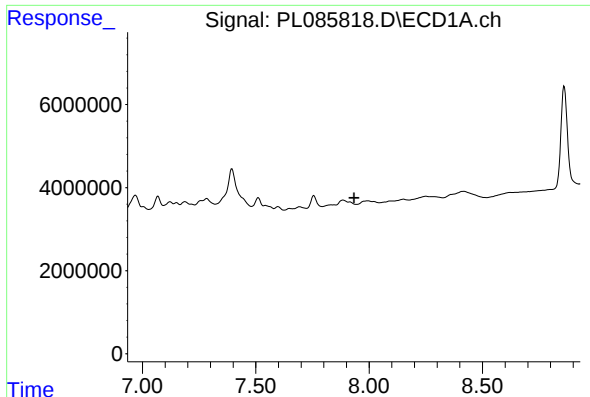
#19 Endosulfan Sulfate

R.T.: 6.969 min
Delta R.T.: -0.011 min
Response: 7613812
Conc: 3.03 ng/ml



#19 Endosulfan Sulfate

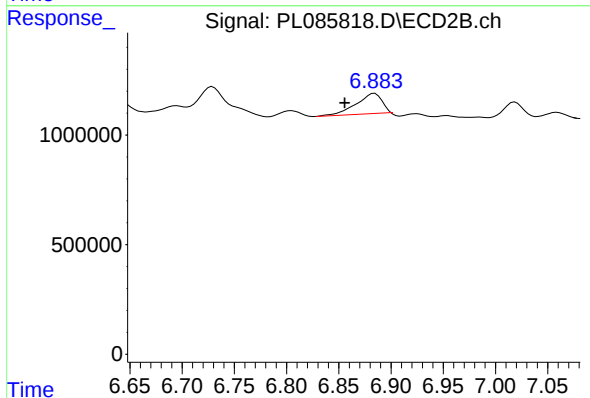
R.T.: 6.170 min
Delta R.T.: -0.007 min
Response: 129499
Conc: 0.14 ng/ml



#22 Mirex

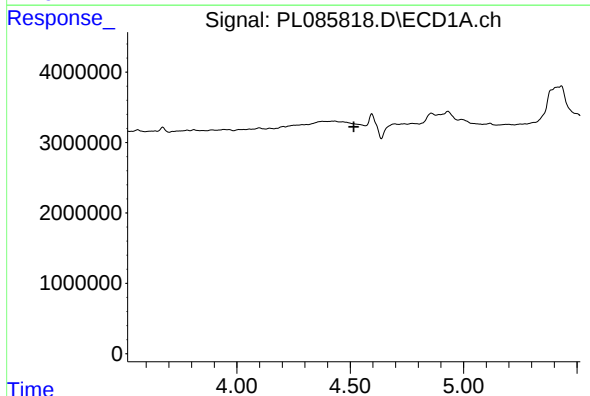
R.T.: 0.000 min
Exp R.T.: 7.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023



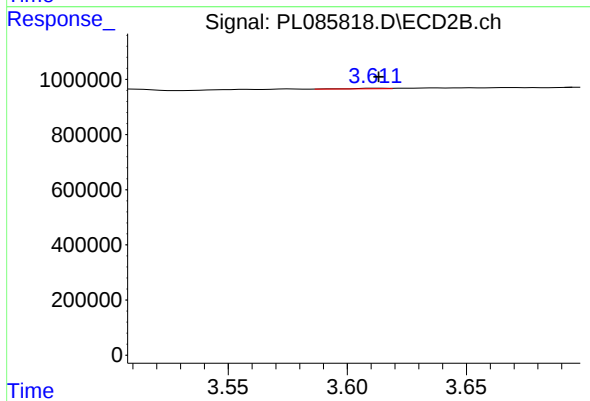
#22 Mirex

R.T.: 6.884 min
Delta R.T.: 0.028 min
Response: 1539027
Conc: 1.63 ng/ml



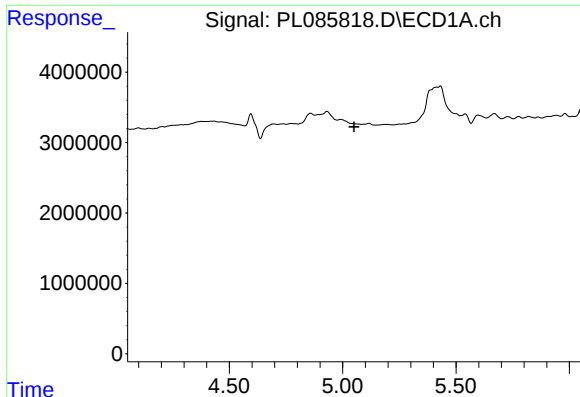
#23 Chlordane-1

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



#23 Chlordane-1

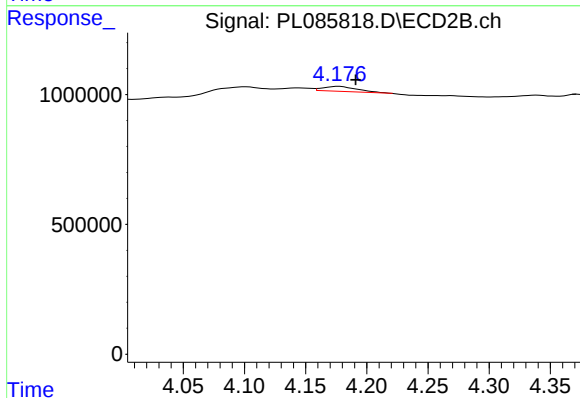
R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 22437
Conc: 0.69 ng/ml



#24 Chlordane-2

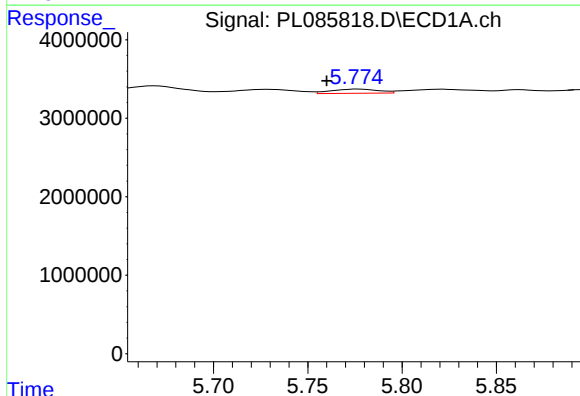
R.T.: 0.000 min
Exp R.T.: 5.050 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023



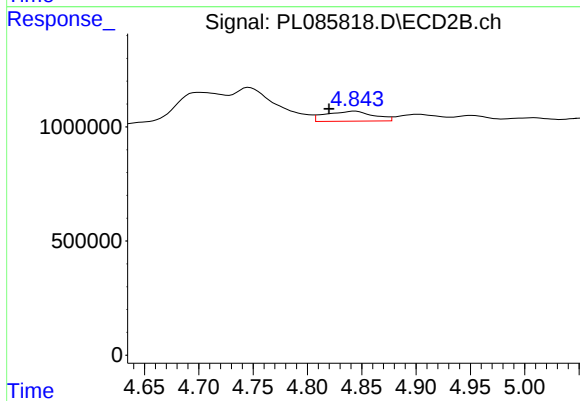
#24 Chlordane-2

R.T.: 4.177 min
Delta R.T.: -0.014 min
Response: 351757
Conc: 9.04 ng/ml



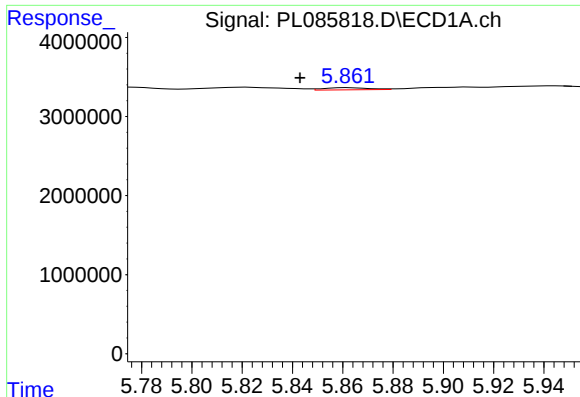
#25 Chlordane-3

R.T.: 5.777 min
Delta R.T.: 0.017 min
Response: 912299
Conc: 1.79 ng/ml



#25 Chlordane-3

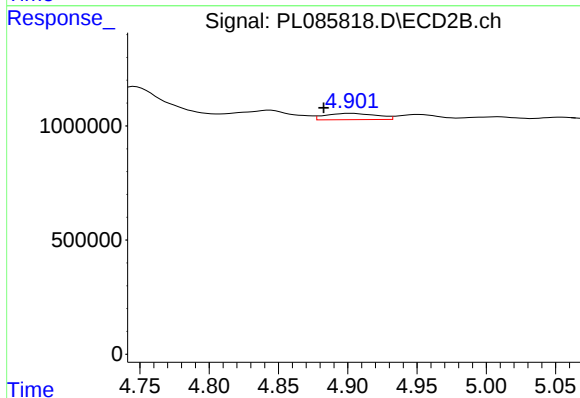
R.T.: 4.844 min
Delta R.T.: 0.024 min
Response: 1342031
Conc: 13.28 ng/ml



#26 Chlordane-4

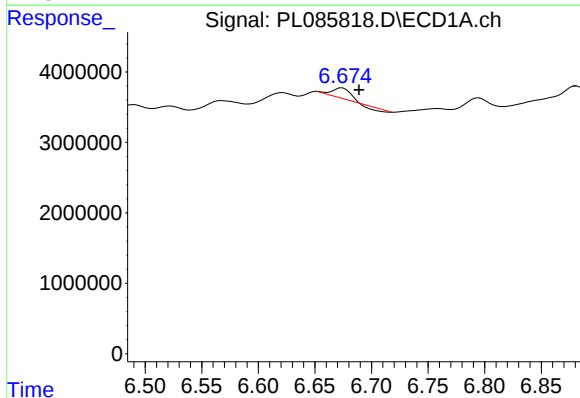
R.T.: 5.862 min
Delta R.T.: 0.019 min
Response: 337925
Conc: 0.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023



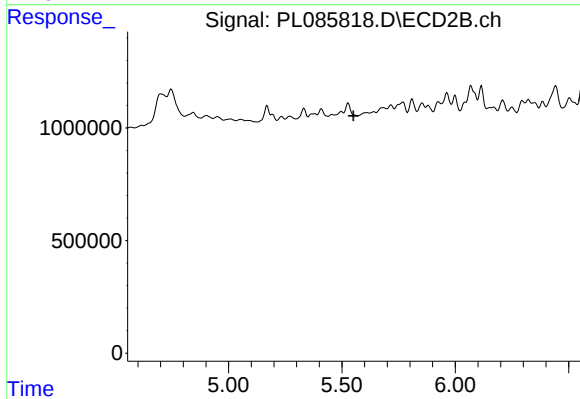
#26 Chlordane-4

R.T.: 4.903 min
Delta R.T.: 0.020 min
Response: 718009
Conc: 6.20 ng/ml



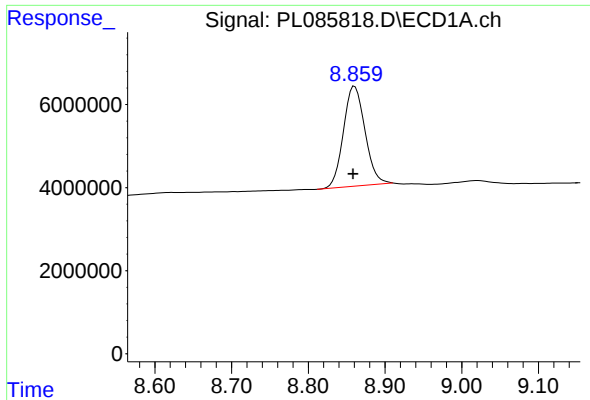
#27 Chlordane-5

R.T.: 6.674 min
Delta R.T.: -0.015 min
Response: 1364495
Conc: 13.30 ng/ml



#27 Chlordane-5

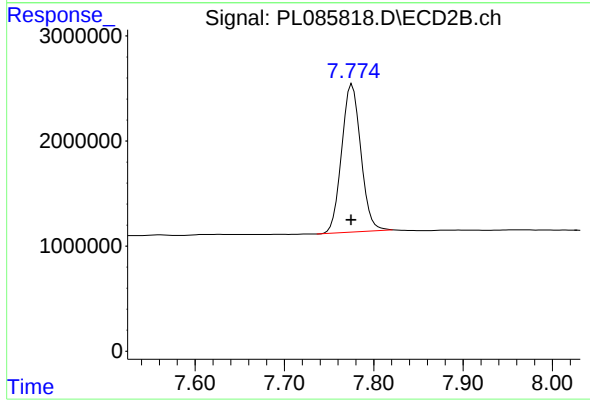
R.T.: 0.000 min
Exp R.T.: 5.551 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.860 min
Delta R.T.: 0.002 min
Response: 47389525
Conc: 21.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2023



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: 0.001 min
Response: 21002579
Conc: 22.76 ng/ml