

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
 Data File : PL087070.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2023 18:58
 Operator : AR\AJ
 Sample : 05718-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-SOIL-20231206

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 21:47:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 07 00:53:18 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...	3.454	2.704	48463162	17120525	15.017	17.502
28)	SA Decachlor...	9.052	7.901	45712554	17115783	19.999	17.787
Target Compounds							
2)	A alpha-BHC	3.880f	3.225f	1785389	-38378	0.397	N.D. #
3)	MA gamma-BHC...	4.247	0.000	551006	0	0.133	N.D. #
5)	MB Aldrin	5.184	0.000	282912	0	0.071	N.D. #
6)	B beta-BHC	4.437	0.000	437918	0	0.258	N.D. #
7)	B delta-BHC	4.700	0.000	5654060	0	1.563	N.D. #
8)	B Heptachlo...	0.000	4.676	0	128354	N.D.	0.116 #
9)	A Endosulfan I	6.025f	5.055	525391	997997	0.160	0.939 #
11)	B alpha-Chl...	0.000	5.005f	0	1582826	N.D.	1.420 #
12)	B 4,4'-DDE	6.139	5.170f	395051	85306	0.158	0.096 #
13)	MA Dieldrin	6.286	5.312	783017	64017	0.242	0.064 #
15)	B Endosulfa...	6.746	5.870	1884408	186651	0.729	0.212 #
16)	A 4,4'-DDD	6.677	5.751	1197039	47518	0.596	0.061 #
18)	B Endrin al...	0.000	6.077	0	987447	N.D.	1.442 #
19)	B Endosulfa...	7.116	6.281	595331	238543	0.241	0.270
22)	Mirex	8.089	0.000	340242	0	0.151	N.D. #
23)	Chlordane-1	0.000	3.732f	0	455630	N.D.	13.684 #
24)	Chlordane-2	5.166	0.000	491210	0	3.803	N.D. #
26)	Chlordane-4	0.000	5.005f	0	1582826	N.D.	14.553 #

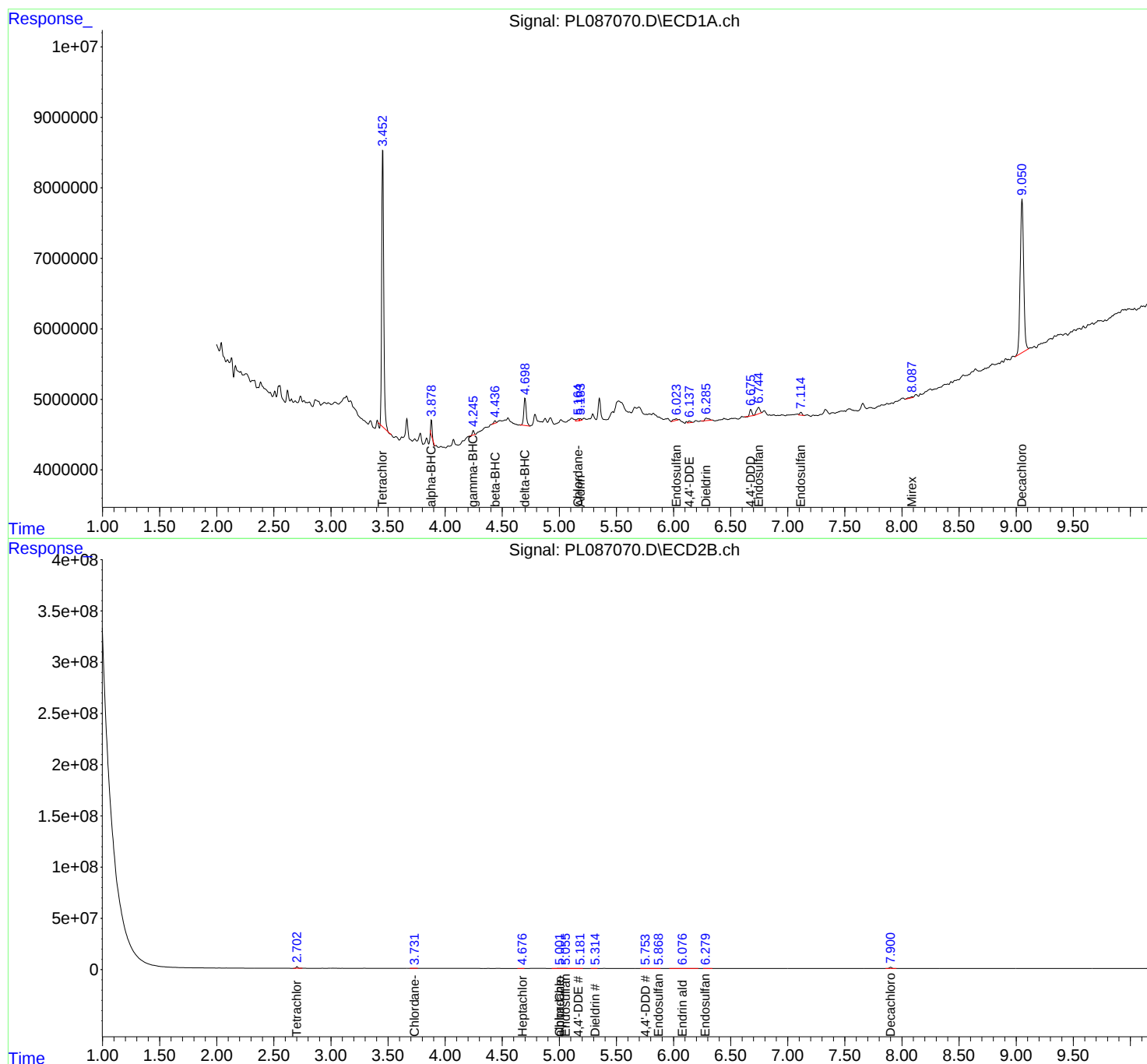
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

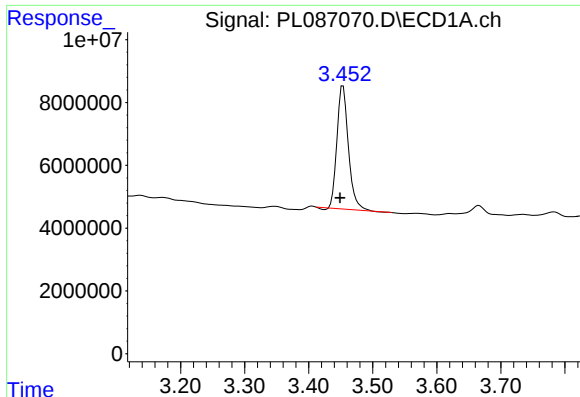
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
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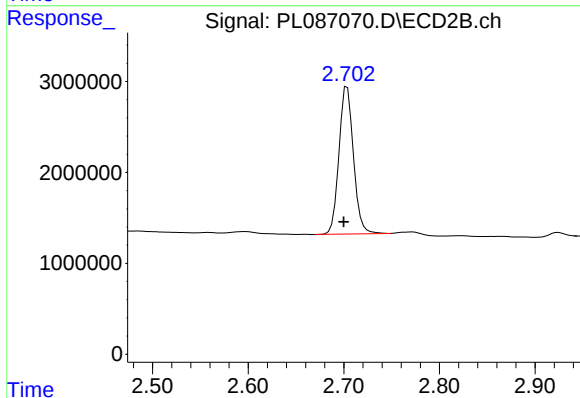




#1 Tetrachloro-m-xylene

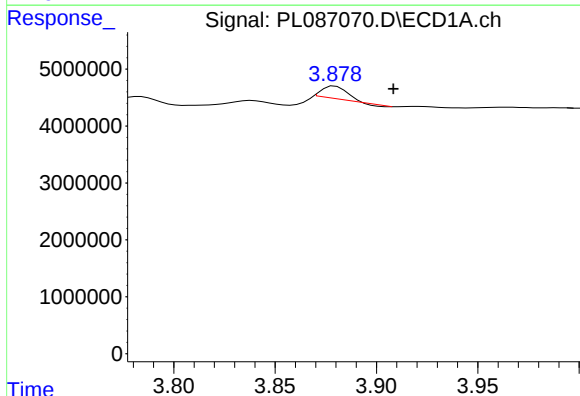
R.T.: 3.454 min
Delta R.T.: 0.005 min
Response: 48463162
Conc: 15.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20231206



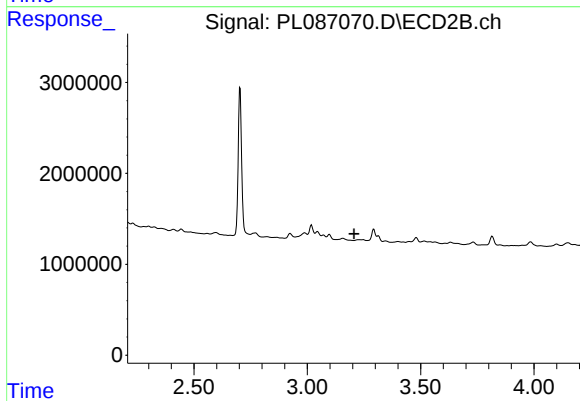
#1 Tetrachloro-m-xylene

R.T.: 2.704 min
Delta R.T.: 0.004 min
Response: 17120525
Conc: 17.50 ng/ml



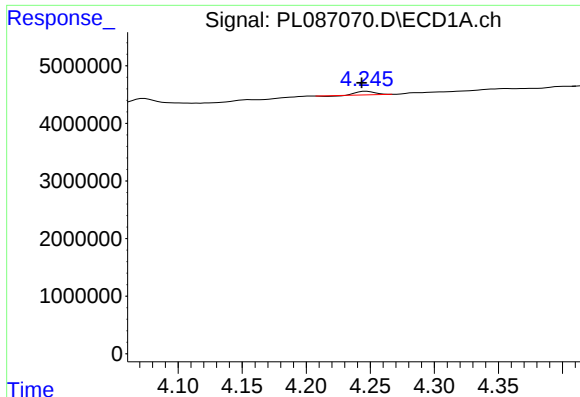
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.029 min
Response: 1785389
Conc: 0.40 ng/ml



#2 alpha-BHC

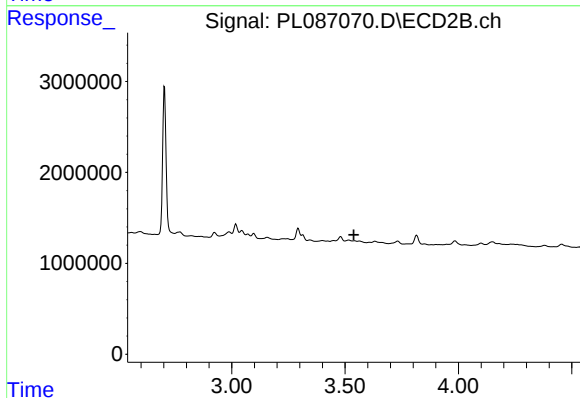
R.T.: 3.225 min
Delta R.T.: 0.017 min
Response: -38378
Conc: N.D.



#3 gamma-BHC (Lindane)

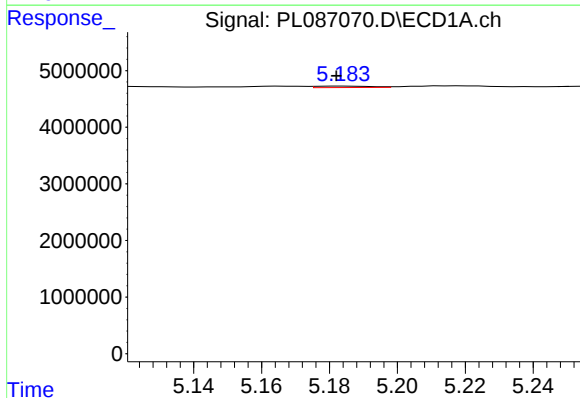
R.T.: 4.247 min
Delta R.T.: 0.003 min
Response: 551006
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20231206



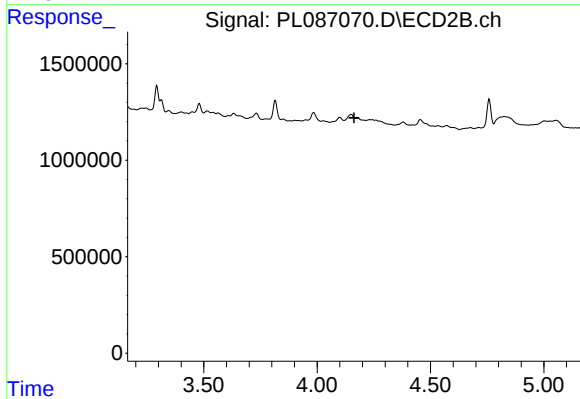
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 3.539 min
Response: 0
Conc: N.D.



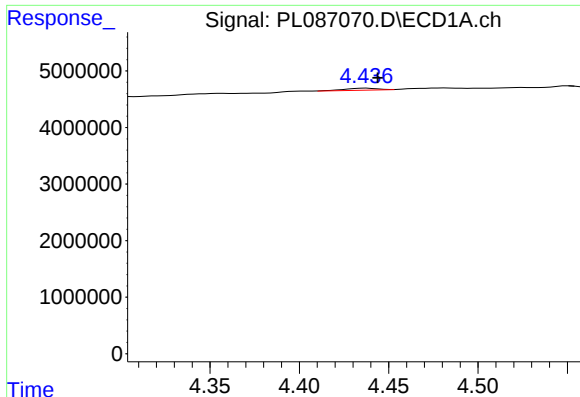
#5 Aldrin

R.T.: 5.184 min
Delta R.T.: 0.002 min
Response: 282912
Conc: 0.07 ng/ml



#5 Aldrin

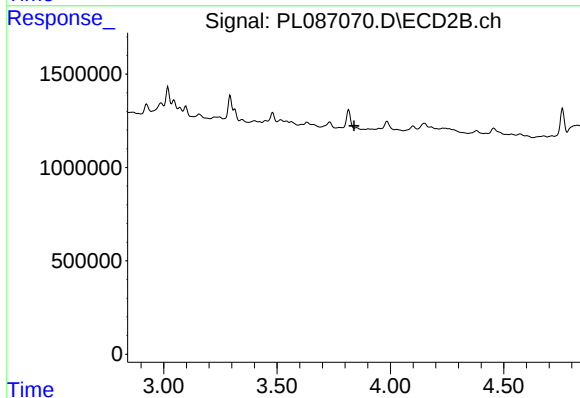
R.T.: 0.000 min
Exp R.T. : 4.164 min
Response: 0
Conc: N.D.



#6 beta-BHC

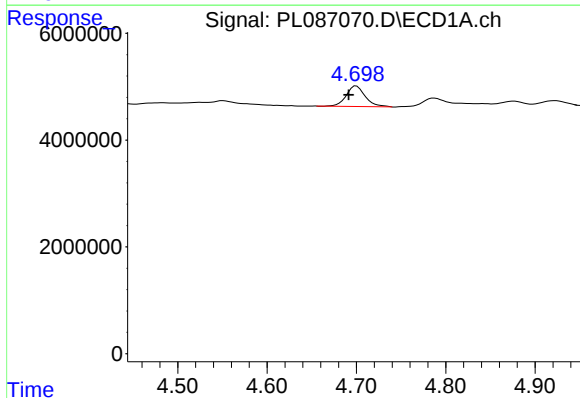
R.T.: 4.437 min
Delta R.T.: -0.007 min
Response: 437918
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20231206



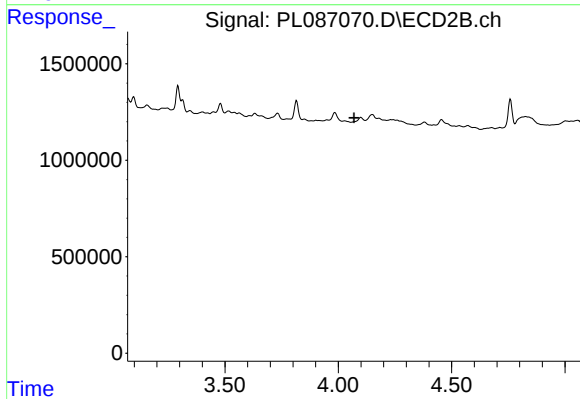
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



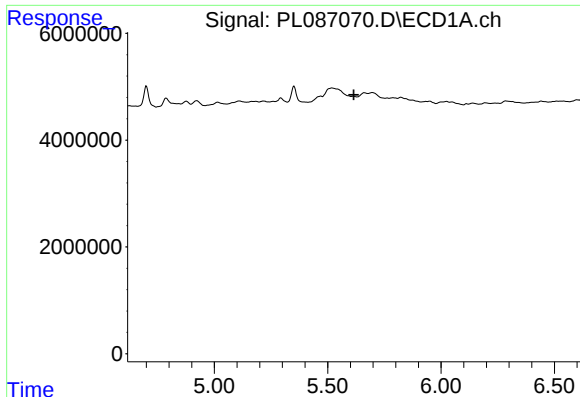
#7 delta-BHC

R.T.: 4.700 min
Delta R.T.: 0.009 min
Response: 5654060
Conc: 1.56 ng/ml



#7 delta-BHC

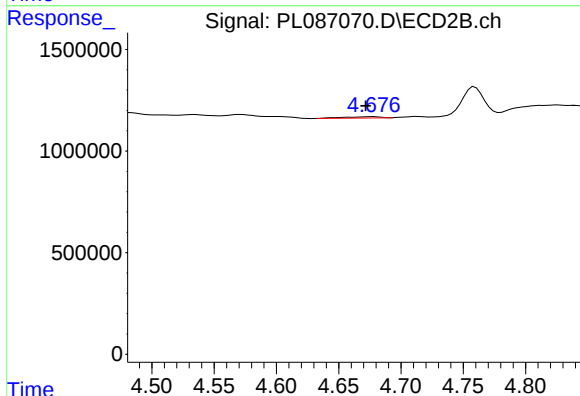
R.T.: 0.000 min
Exp R.T. : 4.070 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

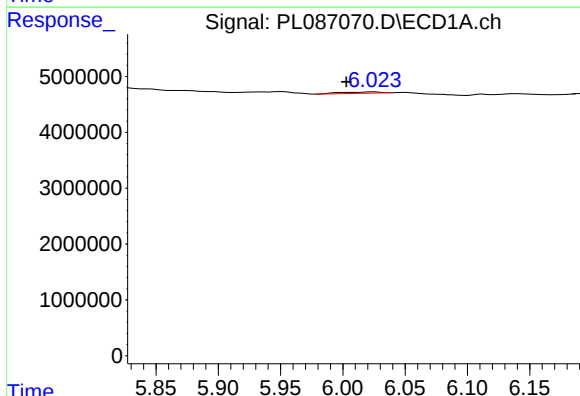
R.T.: 0.000 min
Exp R.T.: 5.615 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20231206



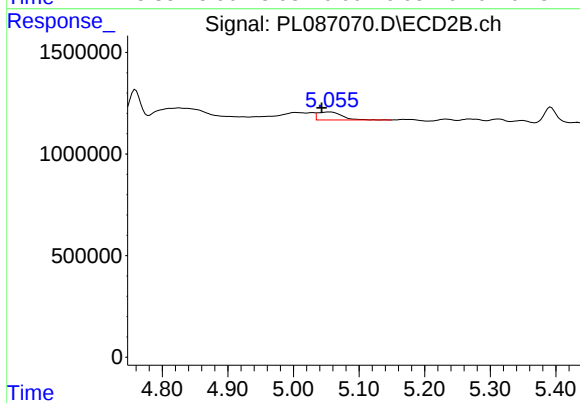
#8 Heptachlor epoxide

R.T.: 4.676 min
Delta R.T.: 0.005 min
Response: 128354
Conc: 0.12 ng/ml



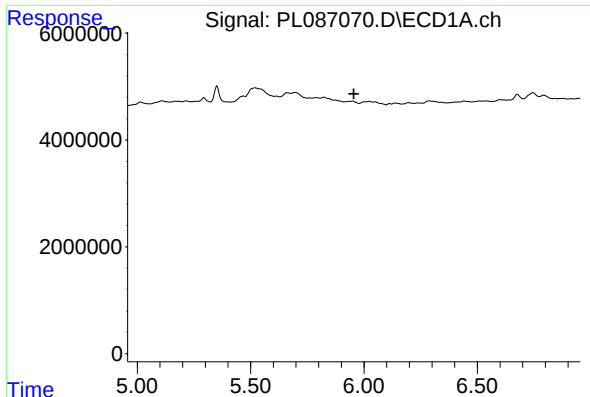
#9 Endosulfan I

R.T.: 6.025 min
Delta R.T.: 0.022 min
Response: 525391
Conc: 0.16 ng/ml



#9 Endosulfan I

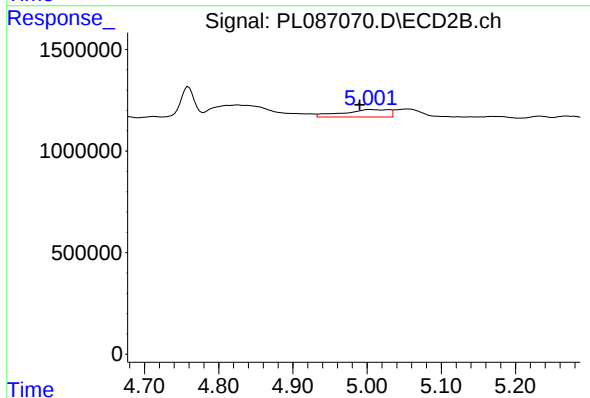
R.T.: 5.055 min
Delta R.T.: 0.011 min
Response: 997997
Conc: 0.94 ng/ml



#11 alpha-Chlordane

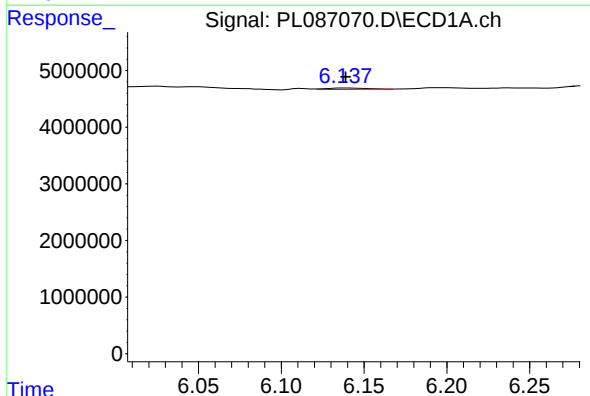
R.T.: 0.000 min
Exp R.T.: 5.955 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20231206



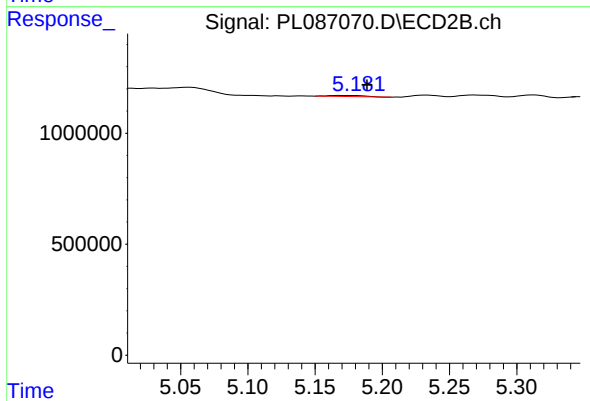
#11 alpha-Chlordane

R.T.: 5.005 min
Delta R.T.: 0.015 min
Response: 1582826
Conc: 1.42 ng/ml



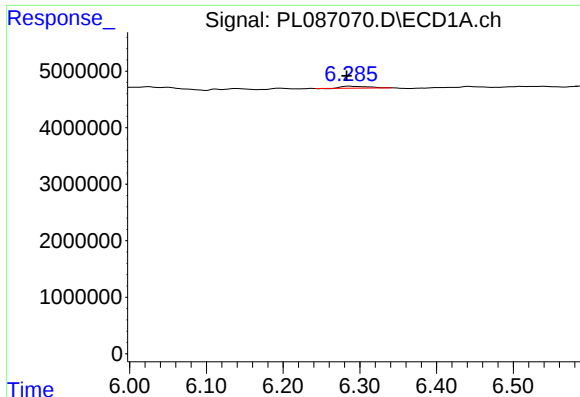
#12 4,4'-DDE

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 395051
Conc: 0.16 ng/ml



#12 4,4'-DDE

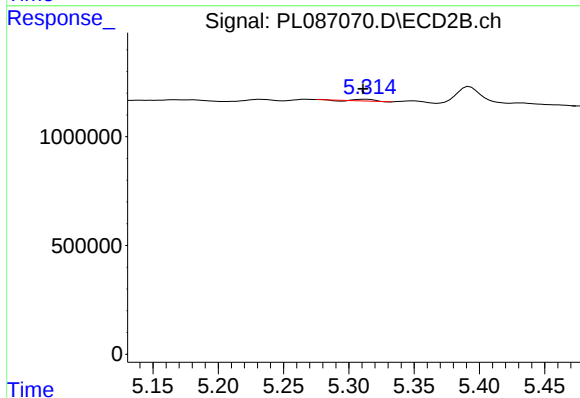
R.T.: 5.170 min
Delta R.T.: -0.018 min
Response: 85306
Conc: 0.10 ng/ml



#13 Dieldrin

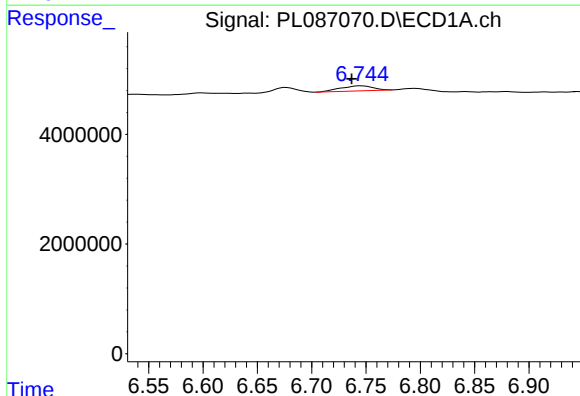
R.T.: 6.286 min
Delta R.T.: 0.004 min
Response: 783017
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20231206



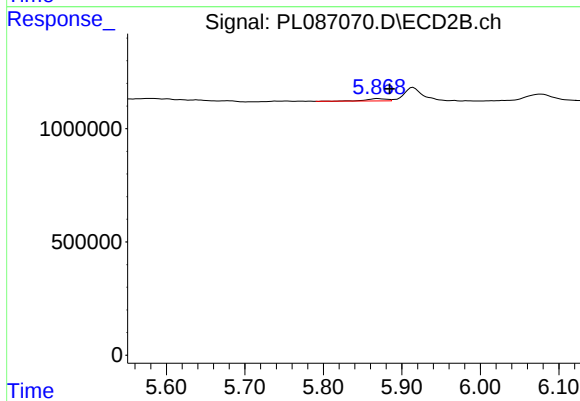
#13 Dieldrin

R.T.: 5.312 min
Delta R.T.: 0.001 min
Response: 64017
Conc: 0.06 ng/ml



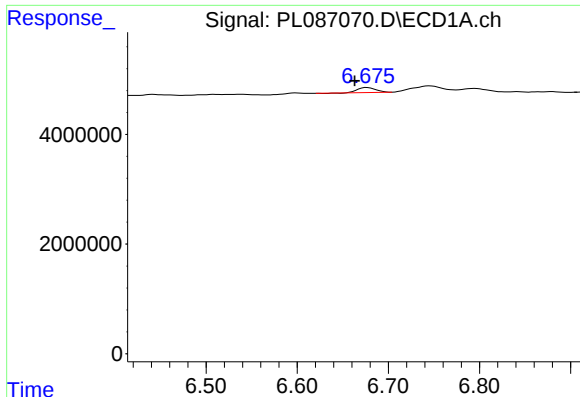
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.009 min
Response: 1884408
Conc: 0.73 ng/ml



#15 Endosulfan II

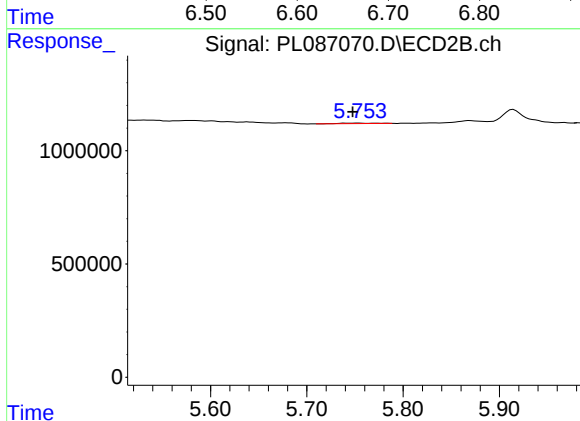
R.T.: 5.870 min
Delta R.T.: -0.014 min
Response: 186651
Conc: 0.21 ng/ml



#16 4,4'-DDD

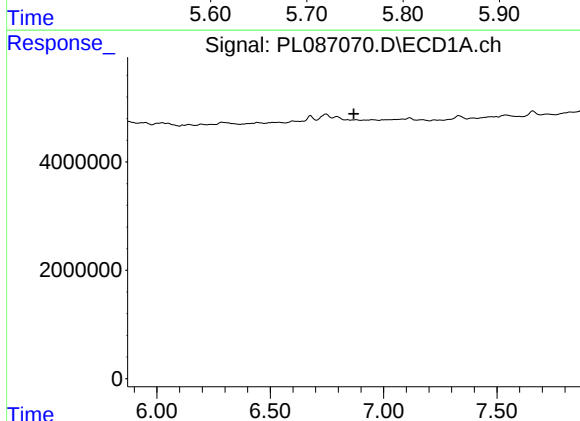
R.T.: 6.677 min
Delta R.T.: 0.013 min
Response: 1197039
Conc: 0.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20231206



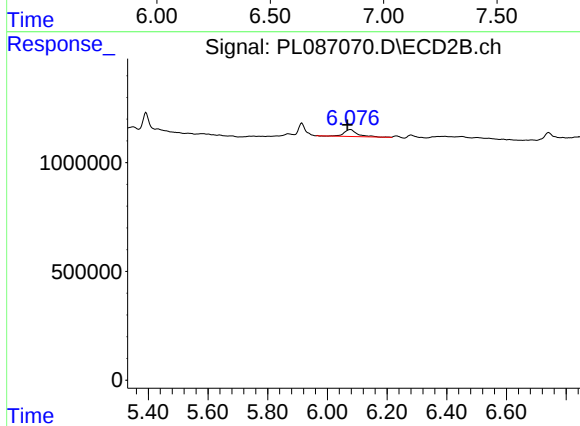
#16 4,4'-DDD

R.T.: 5.751 min
Delta R.T.: 0.003 min
Response: 47518
Conc: 0.06 ng/ml



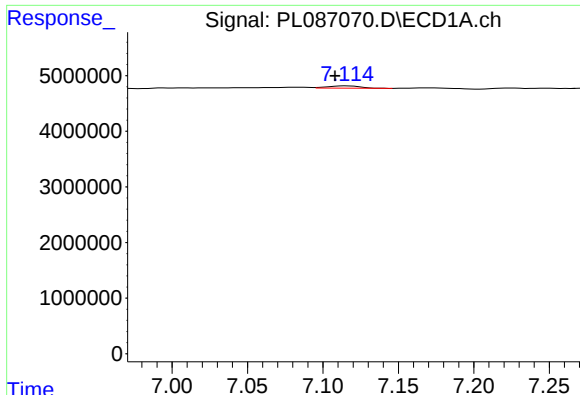
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.869 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

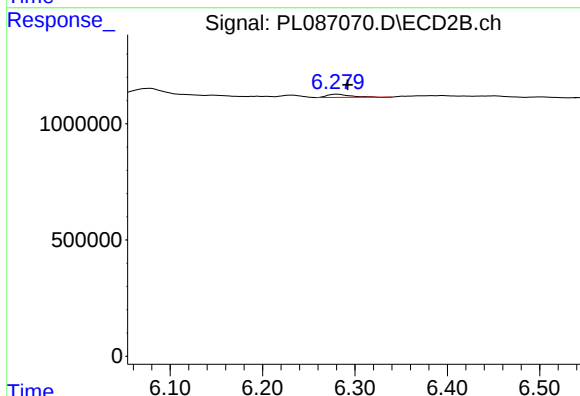
R.T.: 6.077 min
Delta R.T.: 0.010 min
Response: 987447
Conc: 1.44 ng/ml



#19 Endosulfan Sulfate

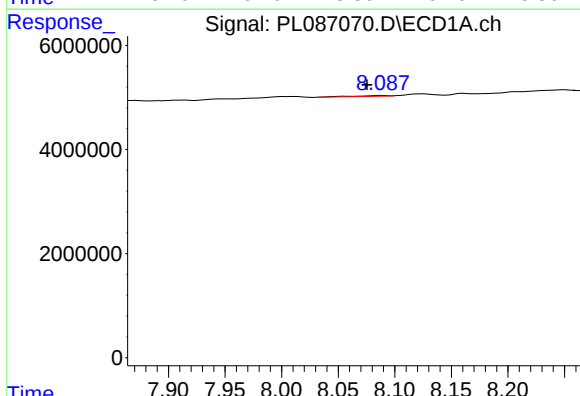
R.T.: 7.116 min
Delta R.T.: 0.008 min
Response: 595331
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20231206



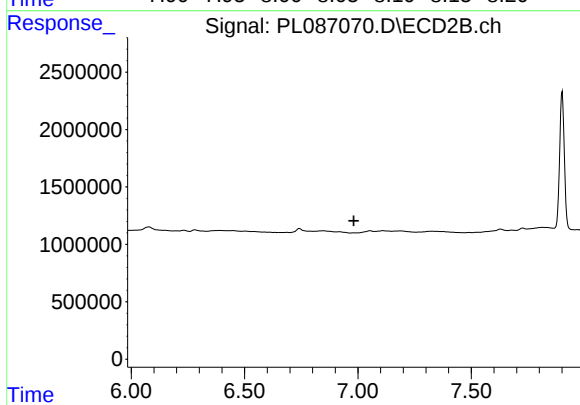
#19 Endosulfan Sulfate

R.T.: 6.281 min
Delta R.T.: -0.011 min
Response: 238543
Conc: 0.27 ng/ml



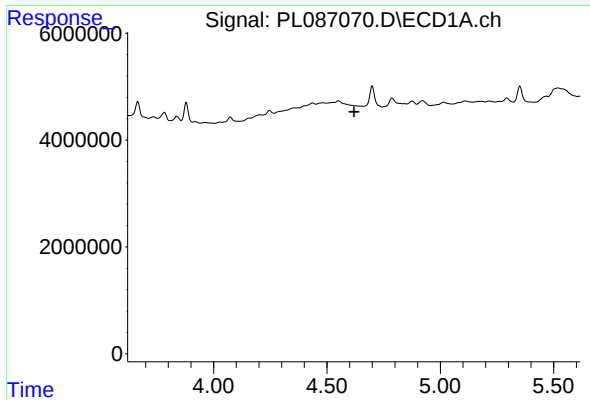
#22 Mirex

R.T.: 8.089 min
Delta R.T.: 0.014 min
Response: 340242
Conc: 0.15 ng/ml



#22 Mirex

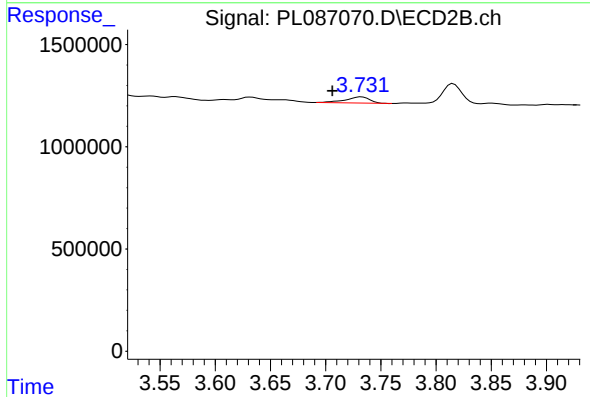
R.T.: 0.000 min
Exp R.T.: 6.982 min
Response: 0
Conc: N.D.



#23 Chlordane-1

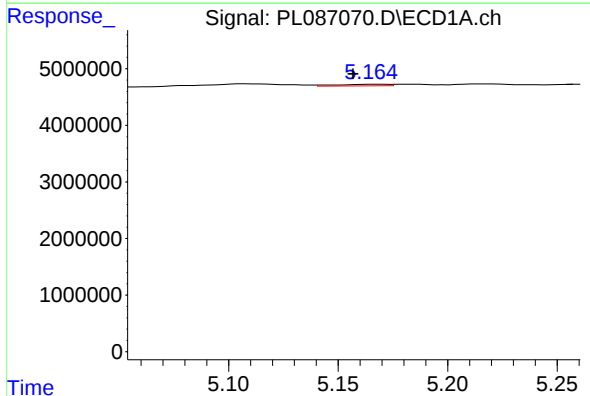
R.T.: 0.000 min
Exp R.T.: 4.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20231206



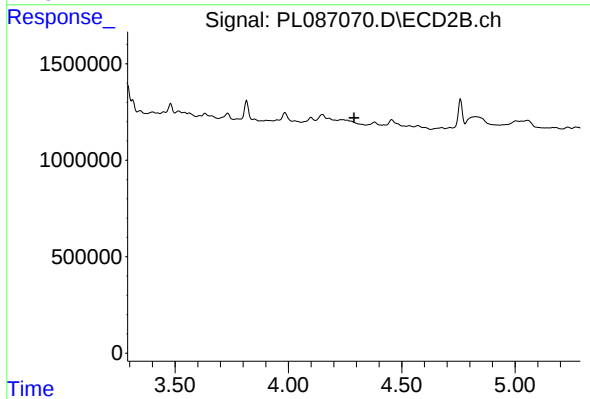
#23 Chlordane-1

R.T.: 3.732 min
Delta R.T.: 0.026 min
Response: 455630
Conc: 13.68 ng/ml



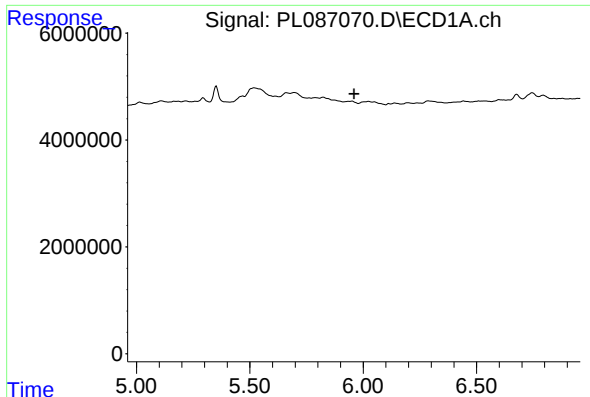
#24 Chlordane-2

R.T.: 5.166 min
Delta R.T.: 0.009 min
Response: 491210
Conc: 3.80 ng/ml



#24 Chlordane-2

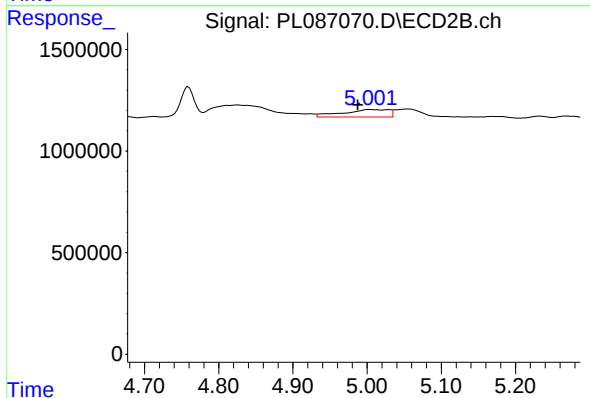
R.T.: 0.000 min
Exp R.T.: 4.290 min
Response: 0
Conc: N.D.



#26 Chlordane-4

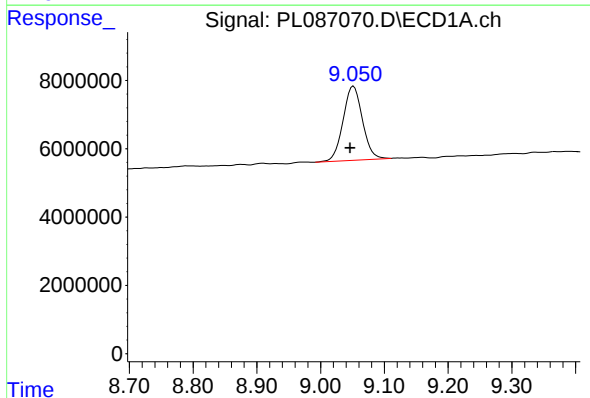
R.T.: 0.000 min
Exp R.T.: 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20231206



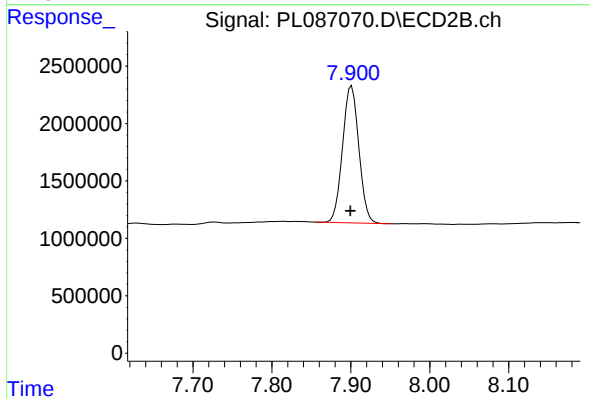
#26 Chlordane-4

R.T.: 5.005 min
Delta R.T.: 0.018 min
Response: 1582826
Conc: 14.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.005 min
Response: 45712554
Conc: 20.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: 0.001 min
Response: 17115783
Conc: 17.79 ng/ml