

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
 Data File : PL084683.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 15:30
 Operator : AR\AJ
 Sample : 03572-01
 Misc : TOX LOD 50PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/14/2023
 Supervised By :Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:12:41 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	2.686	39569672	18821505	17.030	17.309
28)	SA Decachlor...	9.029	7.867	31334424	25490685	19.258	20.445
Target Compounds							
2)	A alpha-BHC	0.000	3.188	0	55201	N.D.	0.036 #
3)	MA gamma-BHC...	0.000	3.518	0	36387	N.D.	0.024 #
4)	MA Heptachlor	4.859	3.890f	2400142	31278	0.714	0.022 #
5)	MB Aldrin	0.000	4.123f	0	18092	N.D.	0.012 #
6)	B beta-BHC	4.489f	0.000	357935	0	0.256	N.D. #
7)	B delta-BHC	4.717	0.000	4125118	0	1.279	N.D. #
8)	B Heptachlo...	5.635	4.649	4225634	61949	1.403	0.047 #
9)	A Endosulfan I	6.044f	5.046f	207755	40561	0.079	0.033 #
10)	B gamma-Chl...	0.000	4.927f	0	522511	N.D.	0.385 #
11)	B alpha-Chl...	0.000	4.991f	0	115157	N.D.	0.085 #
12)	B 4,4'-DDE	0.000	5.180f	0	24024	N.D.	0.020 #
13)	MA Dieldrin	6.323f	5.281	250746	-7006	0.095	N.D. #
14)	MA Endrin	6.500f	5.584f	243480	67808	0.112	0.055 #
15)	B Endosulfa...	0.000	5.856	0	353408	N.D.	0.293 #
17)	MA 4,4'-DDT	0.000	5.969	0	27593	N.D.	0.024 #
18)	B Endrin al...	6.889	6.052	71119	371668	0.042	0.375 #
19)	B Endosulfa...	7.104	6.258	1945725	108760	0.974	0.091 #
22)	Mirex	0.000	6.976f	0	1047847	N.D.	0.909 #
25)	Chlordane-3	0.000	4.927f	0	522511	N.D.	3.772 #
26)	Chlordane-4	0.000	4.991f	0	115157	N.D.	0.802 #
27)	Chlordane-5	0.000	5.856	0	353408	N.D.	6.939 #

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

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Data File : PL084683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2023 15:30
Operator : AR\AJ
Sample : 03572-01
Misc : TOX LOD 50PPB
ALS Vial : 14 Sample Multiplier: 1

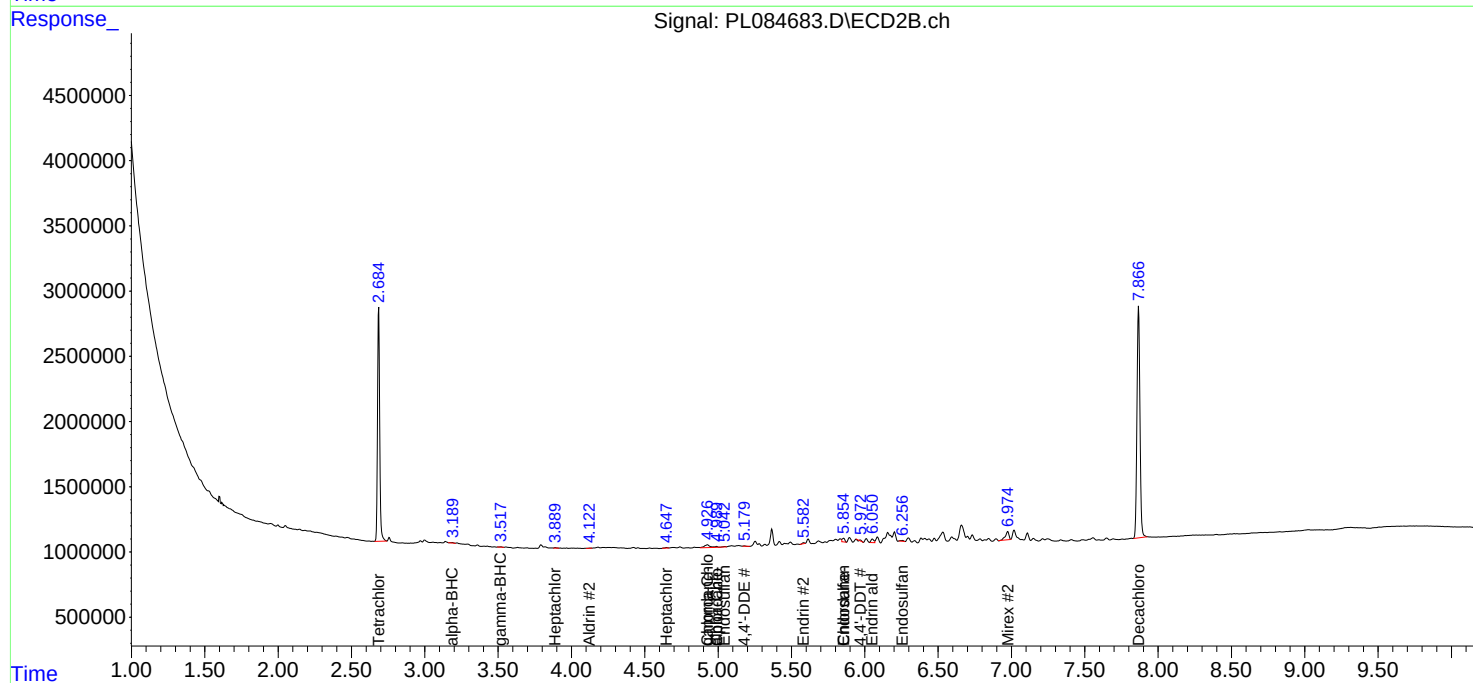
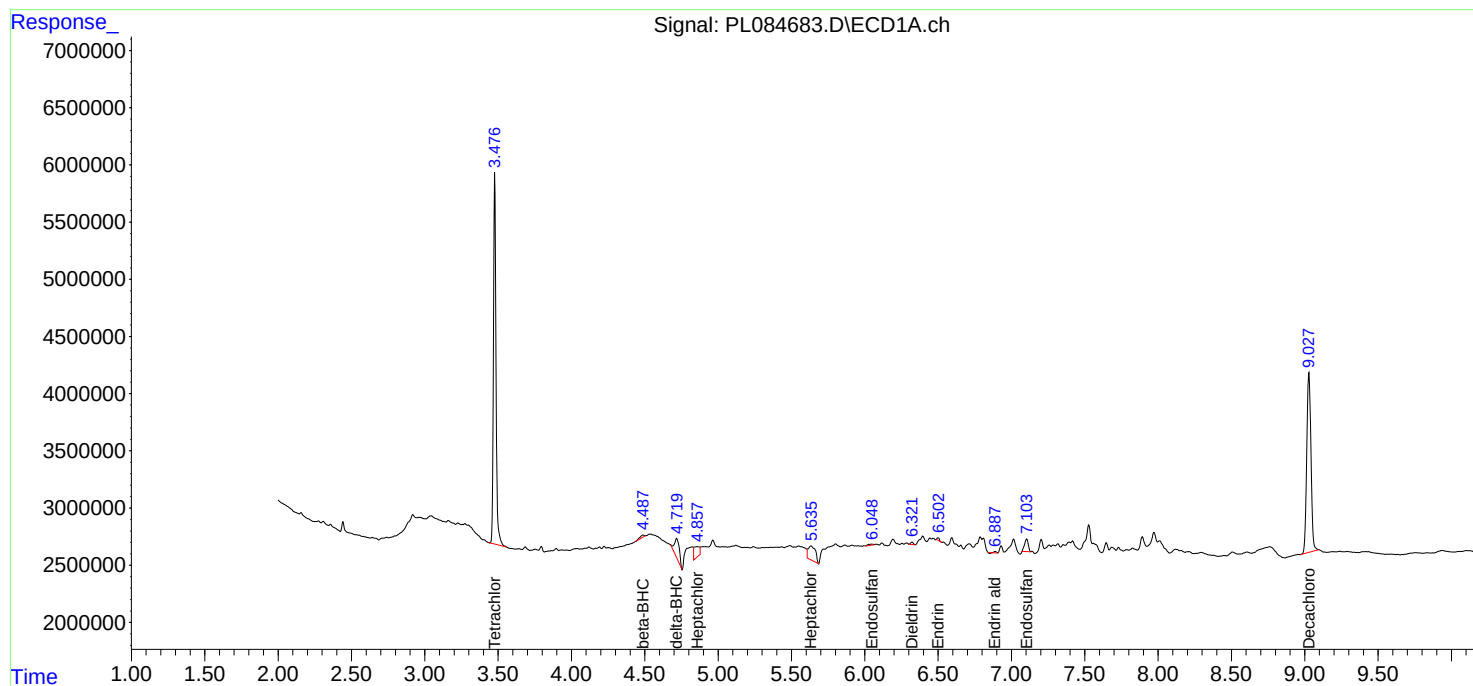
Instrument :
ECD_L
ClientSampleId :
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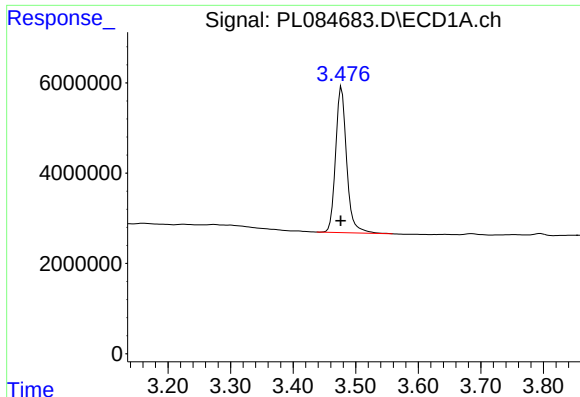
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 23:12:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
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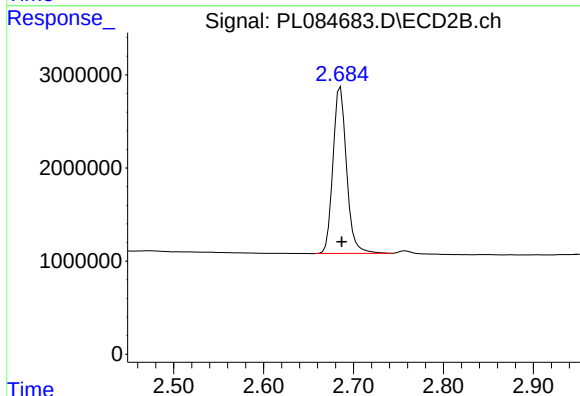
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.001 min
Response: 39569672
Conc: 17.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
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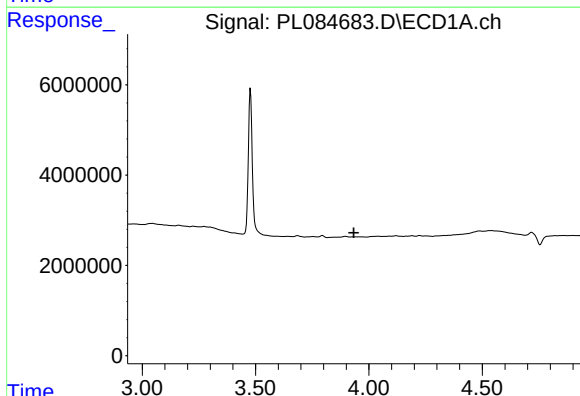
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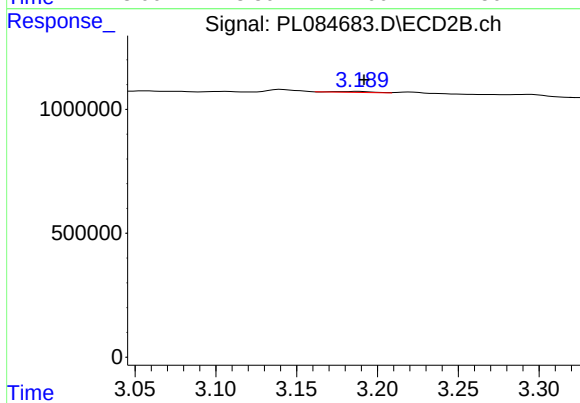
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.001 min
Response: 18821505
Conc: 17.31 ng/ml



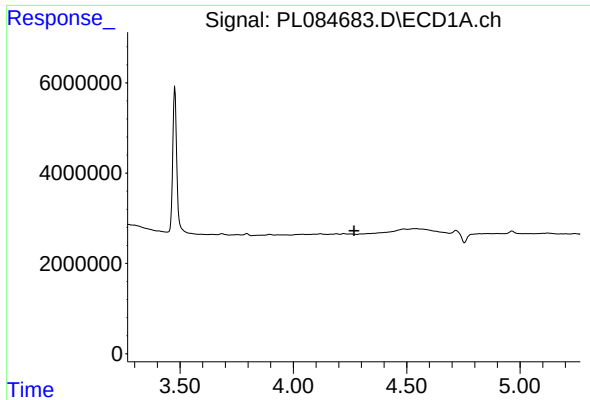
#2 alpha-BHC

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



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.003 min
Response: 55201
Conc: 0.04 ng/ml



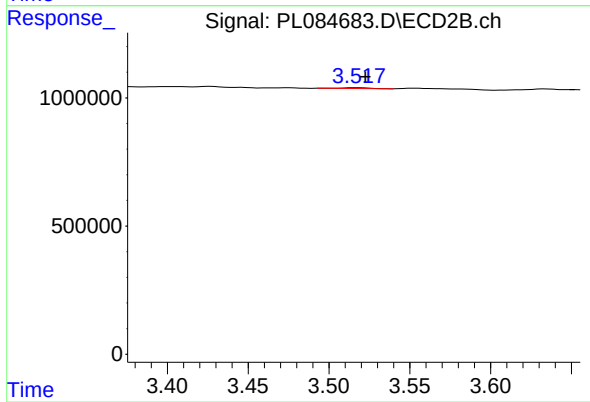
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.268 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

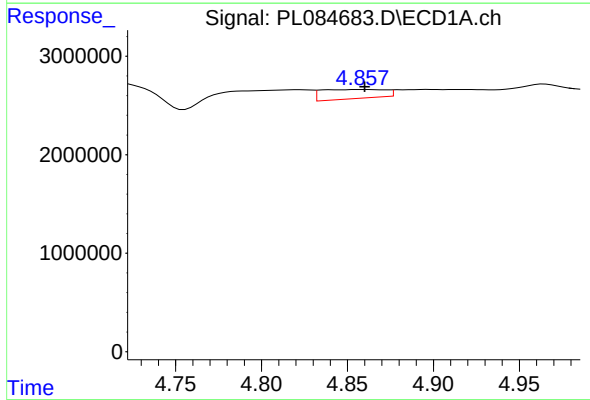
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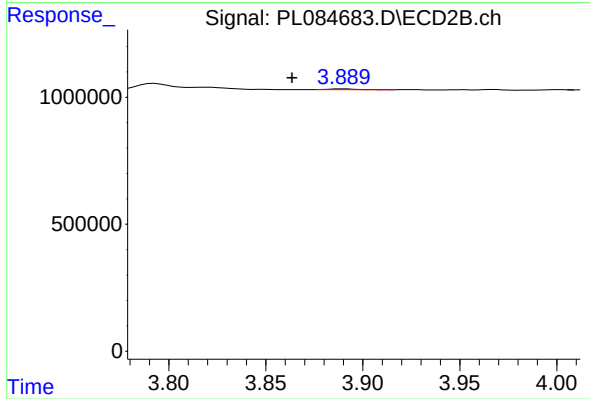
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.005 min
Response: 36387
Conc: 0.02 ng/ml



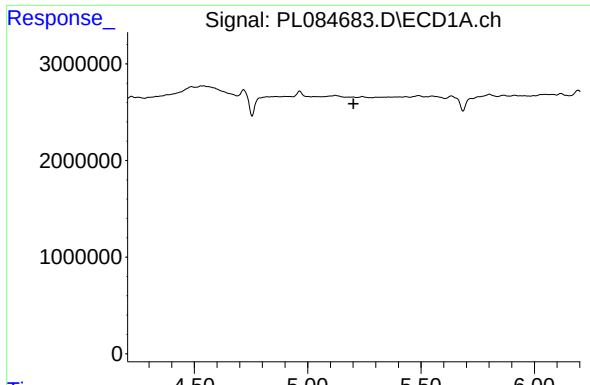
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 2400142
Conc: 0.71 ng/ml



#4 Heptachlor

R.T.: 3.890 min
Delta R.T.: 0.026 min
Response: 31278
Conc: 0.02 ng/ml



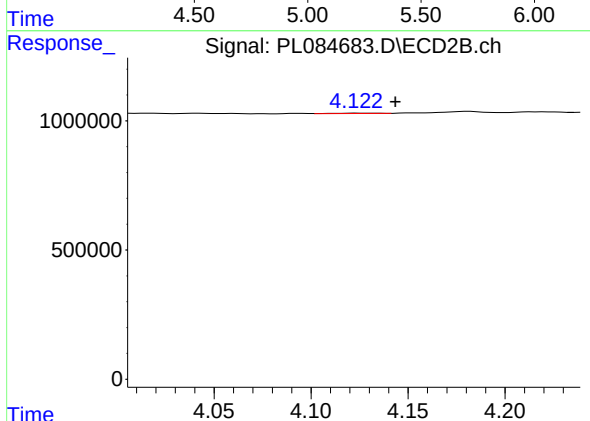
#5 Aldrin

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

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

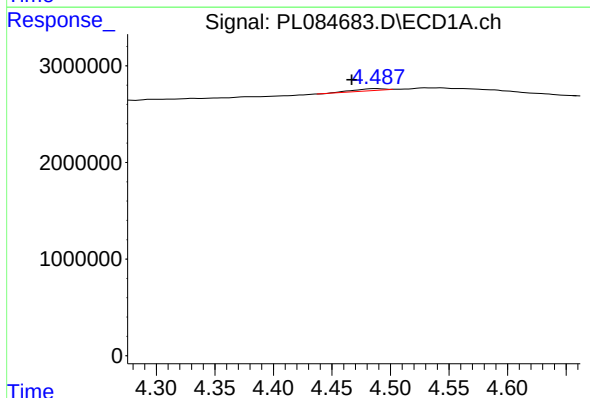
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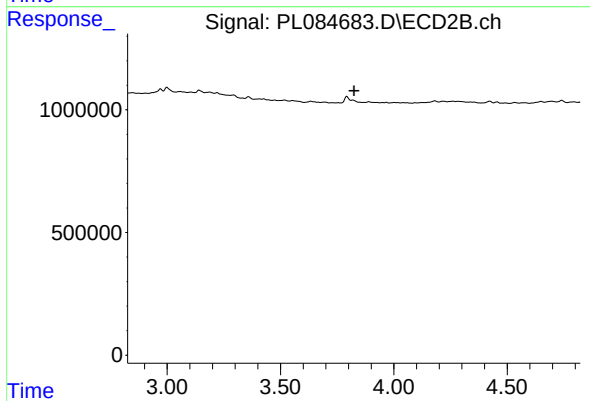
#5 Aldrin

R.T.: 4.123 min
Delta R.T.: -0.020 min
Response: 18092
Conc: 0.01 ng/ml



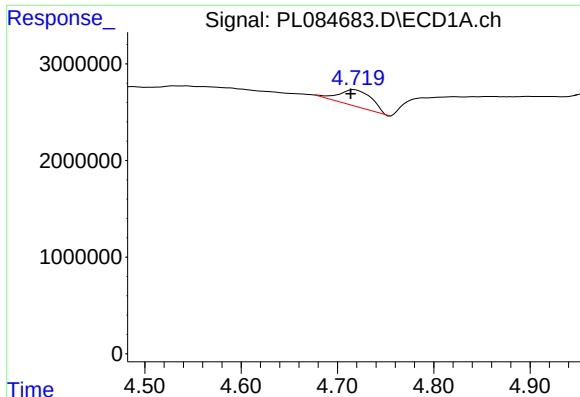
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.022 min
Response: 357935
Conc: 0.26 ng/ml



#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 3.824 min
Response: 0
Conc: N.D.



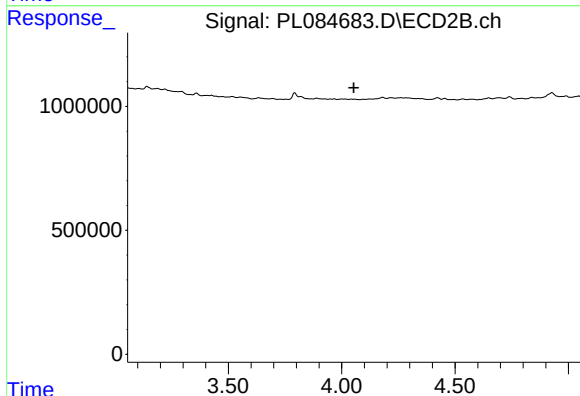
#7 delta-BHC

R.T.: 4.717 min
Delta R.T.: 0.003 min
Response: 4125118
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

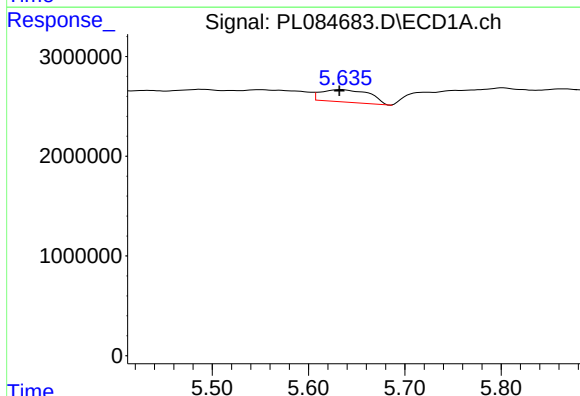
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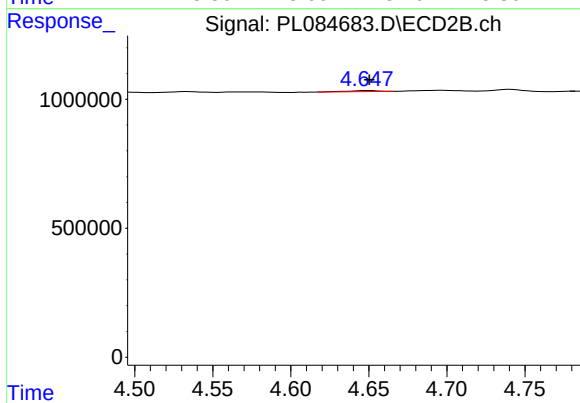
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.053 min
Response: 0
Conc: N.D.



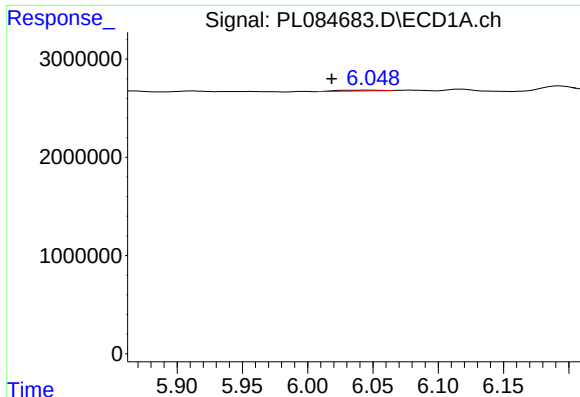
#8 Heptachlor epoxide

R.T.: 5.635 min
Delta R.T.: 0.002 min
Response: 4225634
Conc: 1.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 61949
Conc: 0.05 ng/ml



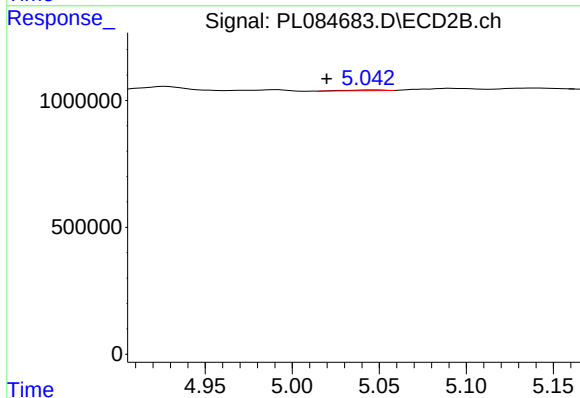
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: 0.025 min
Response: 207755
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

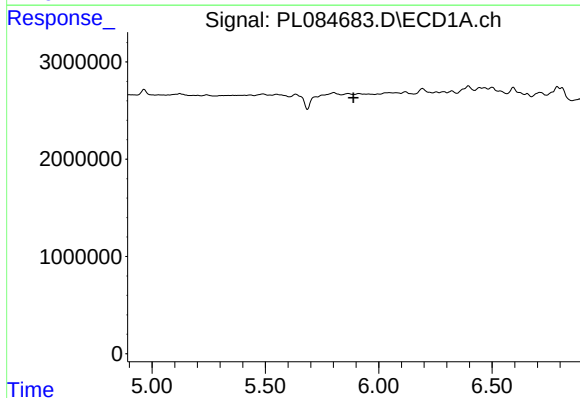
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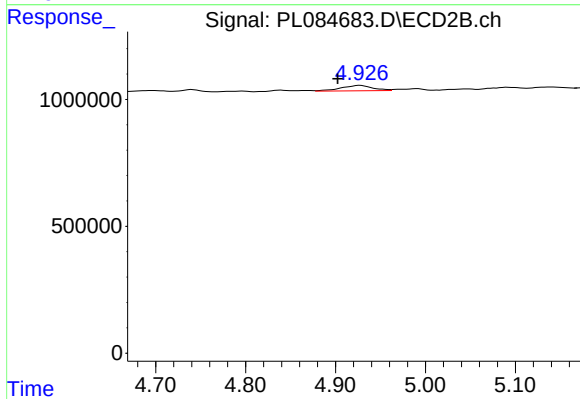
#9 Endosulfan I

R.T.: 5.046 min
Delta R.T.: 0.026 min
Response: 40561
Conc: 0.03 ng/ml



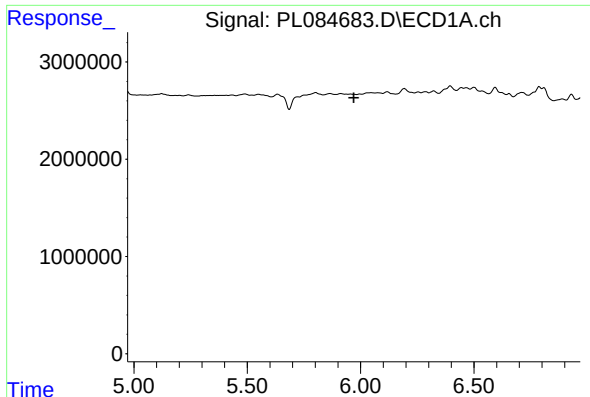
#10 gamma-Chlordane

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



#10 gamma-Chlordane

R.T.: 4.927 min
Delta R.T.: 0.025 min
Response: 522511
Conc: 0.39 ng/ml



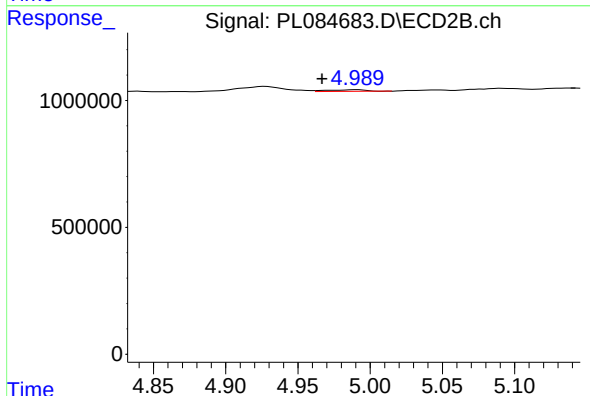
#11 alpha-Chlordane

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

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

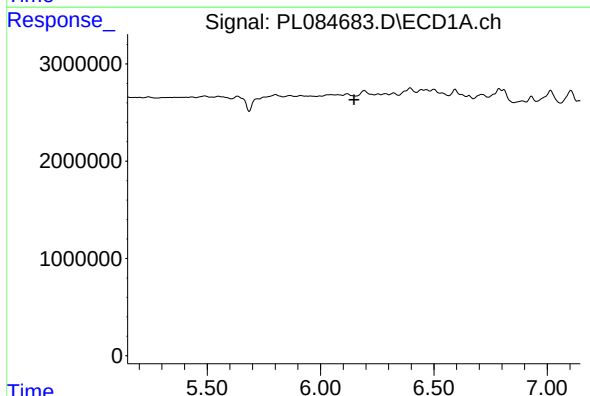
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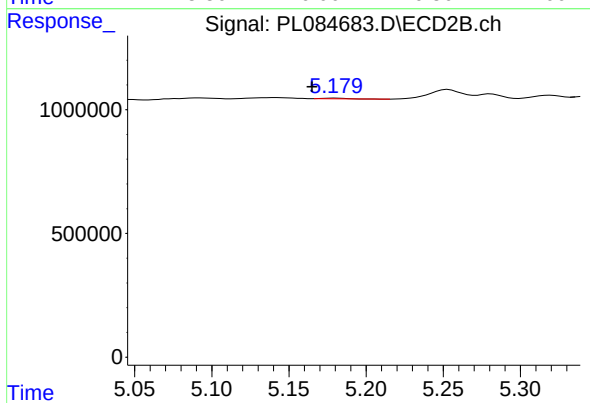
#11 alpha-Chlordane

R.T.: 4.991 min
Delta R.T.: 0.024 min
Response: 115157
Conc: 0.08 ng/ml



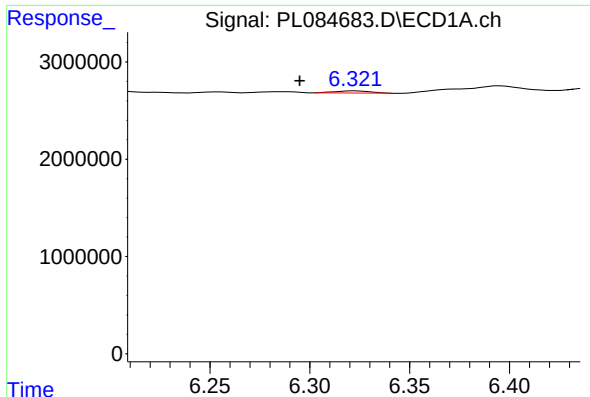
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.148 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.180 min
Delta R.T.: 0.015 min
Response: 24024
Conc: 0.02 ng/ml



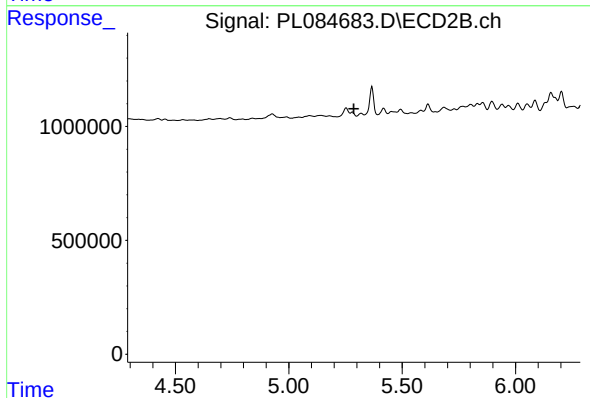
#13 Dieldrin

R.T.: 6.323 min
Delta R.T.: 0.028 min
Response: 250746
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
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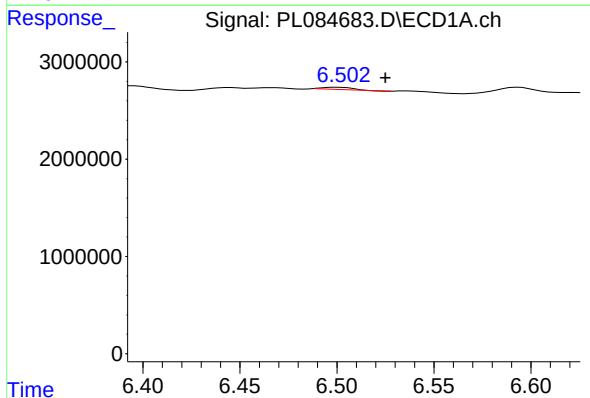
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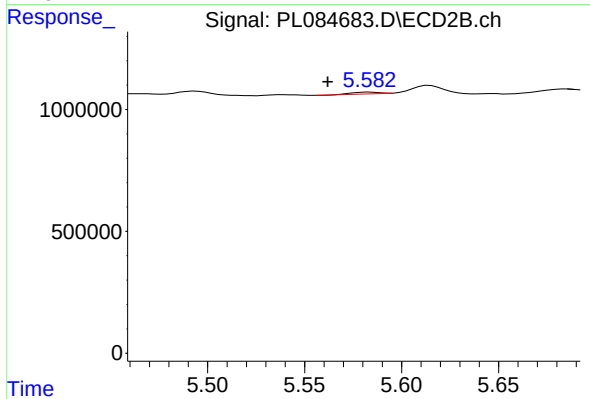
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.006 min
Response: -7006
Conc: N.D.



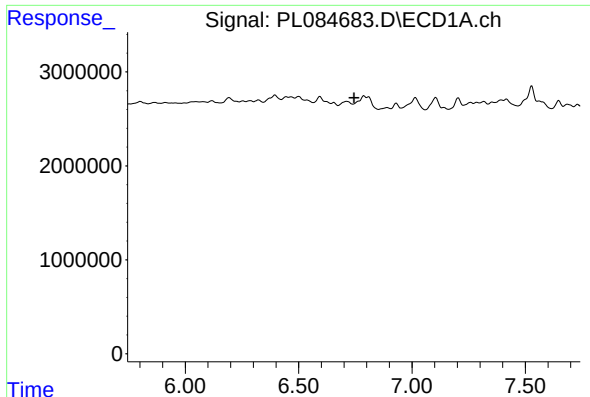
#14 Endrin

R.T.: 6.500 min
Delta R.T.: -0.025 min
Response: 243480
Conc: 0.11 ng/ml



#14 Endrin

R.T.: 5.584 min
Delta R.T.: 0.022 min
Response: 67808
Conc: 0.06 ng/ml



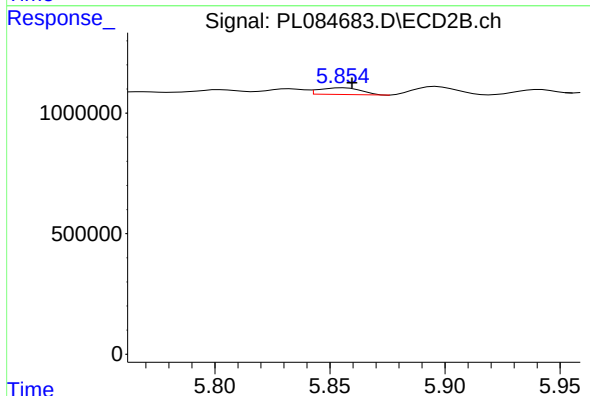
#15 Endosulfan II

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

Instrument :
ECD_L
ClientSampleId :
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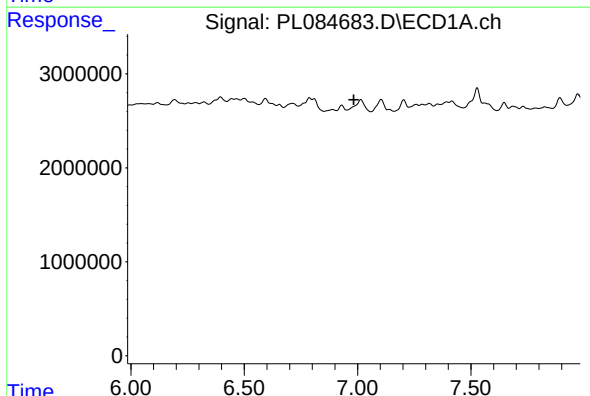
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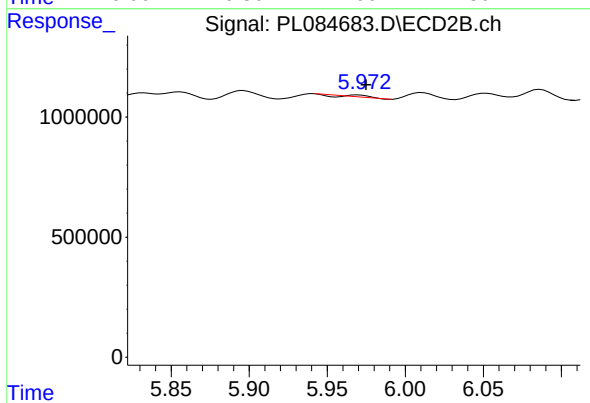
#15 Endosulfan II

R.T.: 5.856 min
Delta R.T.: -0.004 min
Response: 353408
Conc: 0.29 ng/ml



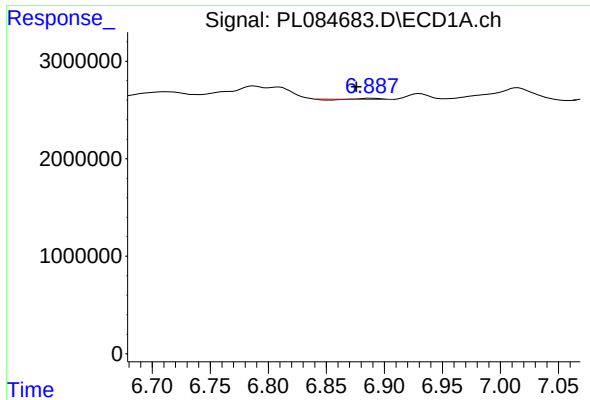
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 6.983 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: -0.005 min
Response: 27593
Conc: 0.02 ng/ml



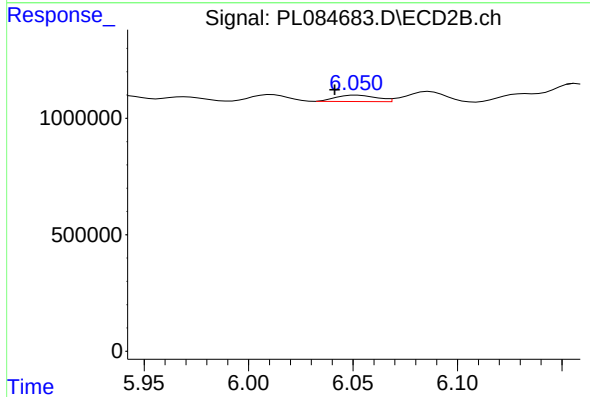
#18 Endrin aldehyde

R.T.: 6.889 min
Delta R.T.: 0.014 min
Response: 71119
Conc: 0.04 ng/ml

Instrument :
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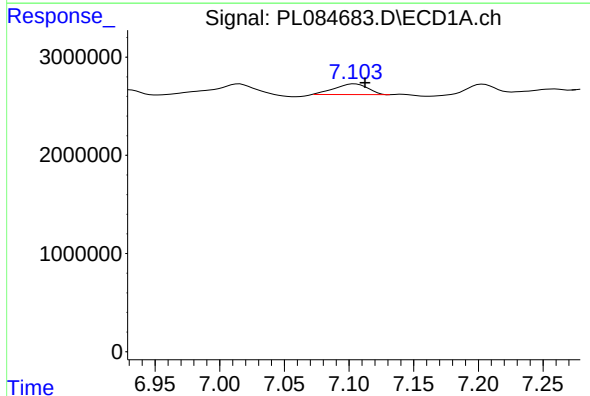
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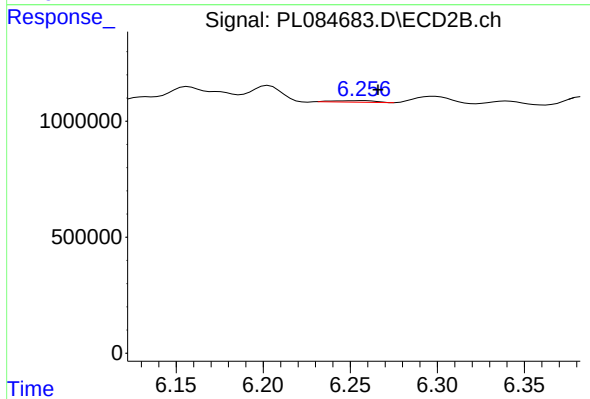
#18 Endrin aldehyde

R.T.: 6.052 min
Delta R.T.: 0.010 min
Response: 371668
Conc: 0.37 ng/ml



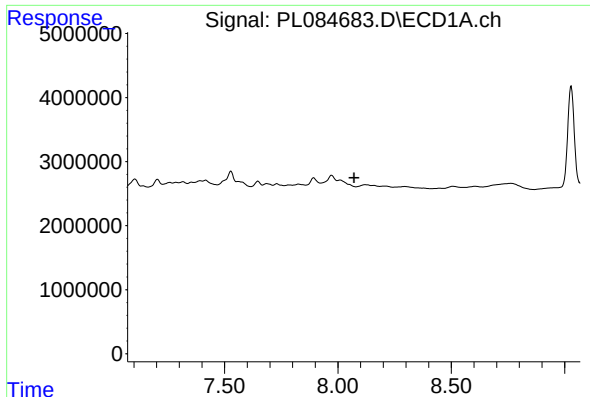
#19 Endosulfan Sulfate

R.T.: 7.104 min
Delta R.T.: -0.008 min
Response: 1945725
Conc: 0.97 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.258 min
Delta R.T.: -0.008 min
Response: 108760
Conc: 0.09 ng/ml



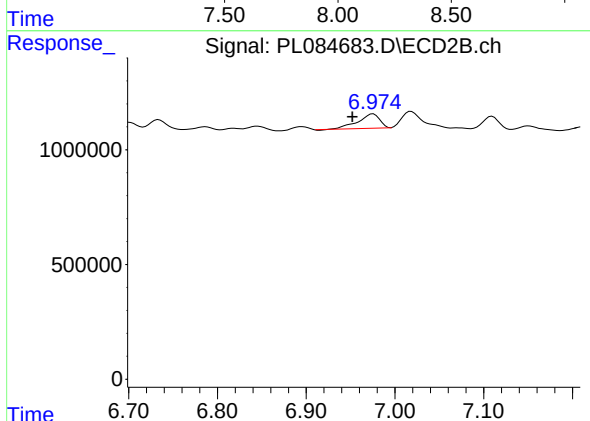
#22 Mirex

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

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

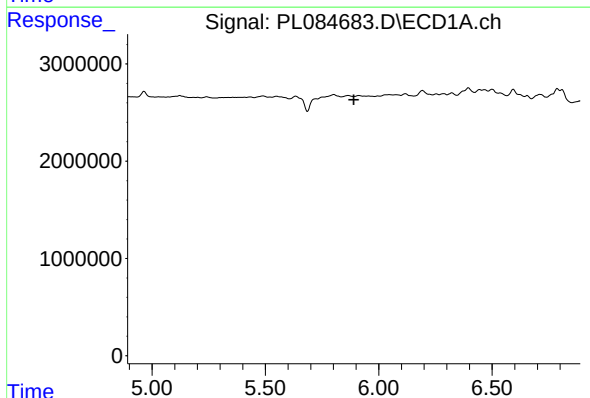
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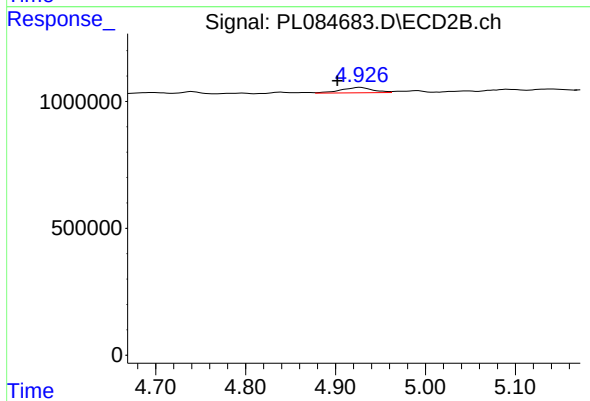
#22 Mirex

R.T.: 6.976 min
Delta R.T.: 0.024 min
Response: 1047847
Conc: 0.91 ng/ml



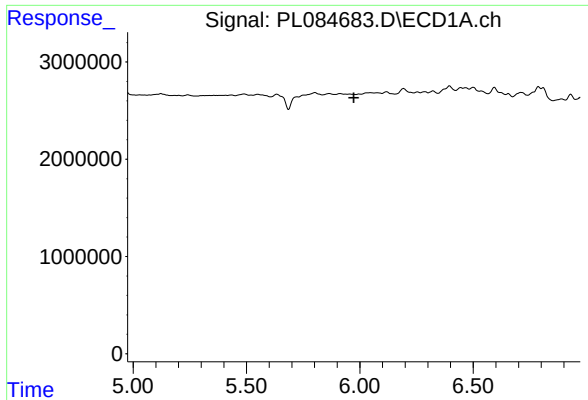
#25 Chlordane-3

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



#25 Chlordane-3

R.T.: 4.927 min
Delta R.T.: 0.025 min
Response: 522511
Conc: 3.77 ng/ml



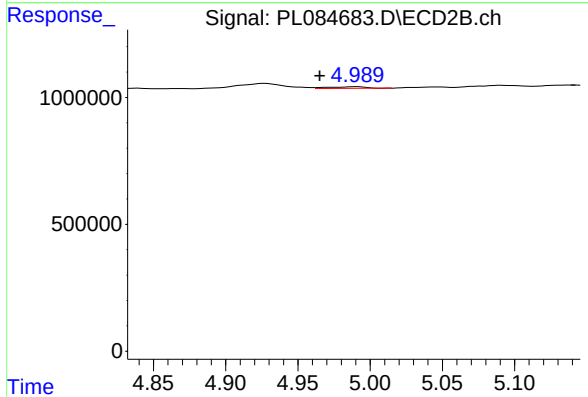
#26 Chlordane-4

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

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

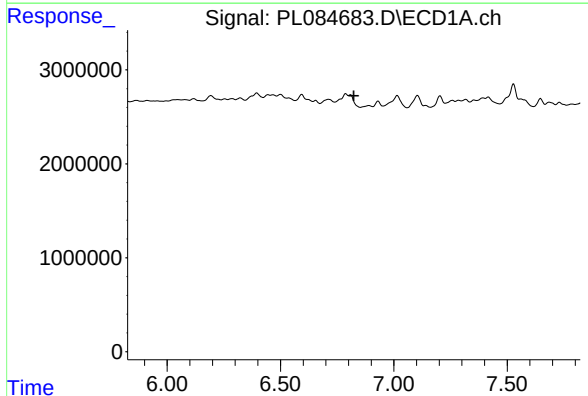
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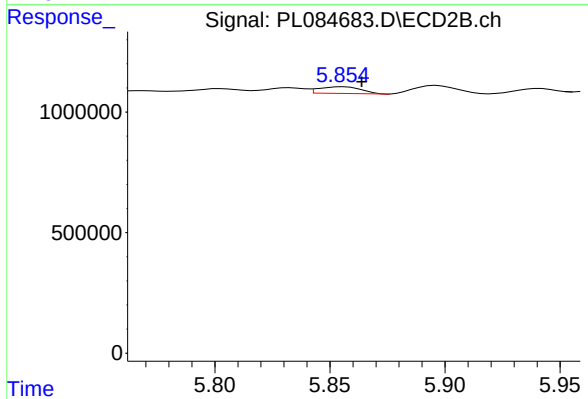
#26 Chlordane-4

R.T.: 4.991 min
Delta R.T.: 0.026 min
Response: 115157
Conc: 0.80 ng/ml



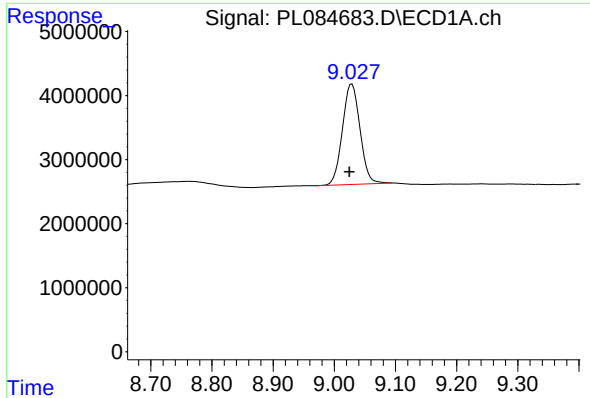
#27 Chlordane-5

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



#27 Chlordane-5

R.T.: 5.856 min
Delta R.T.: -0.008 min
Response: 353408
Conc: 6.94 ng/ml



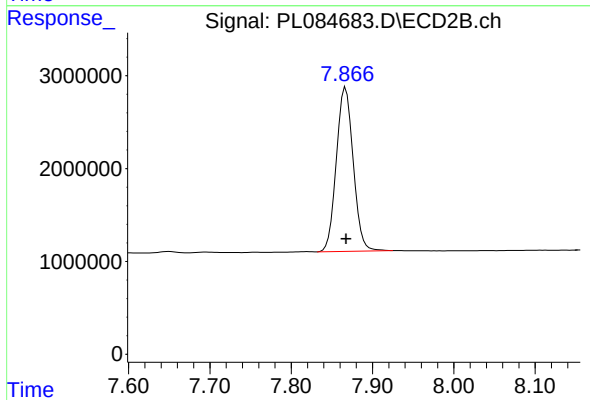
#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.004 min
Response: 31334424
Conc: 19.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 25490685
Conc: 20.44 ng/ml