

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080724\
 Data File : PL090844.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2024 13:09
 Operator : AR\AJ
 Sample : P3390-03
 Misc : TOX MDL 50PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Manual Integrations
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Reviewed By :Abdul Mirza 08/08/2024
 Supervised By :Ankita Jodhani 08/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 01:25:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 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

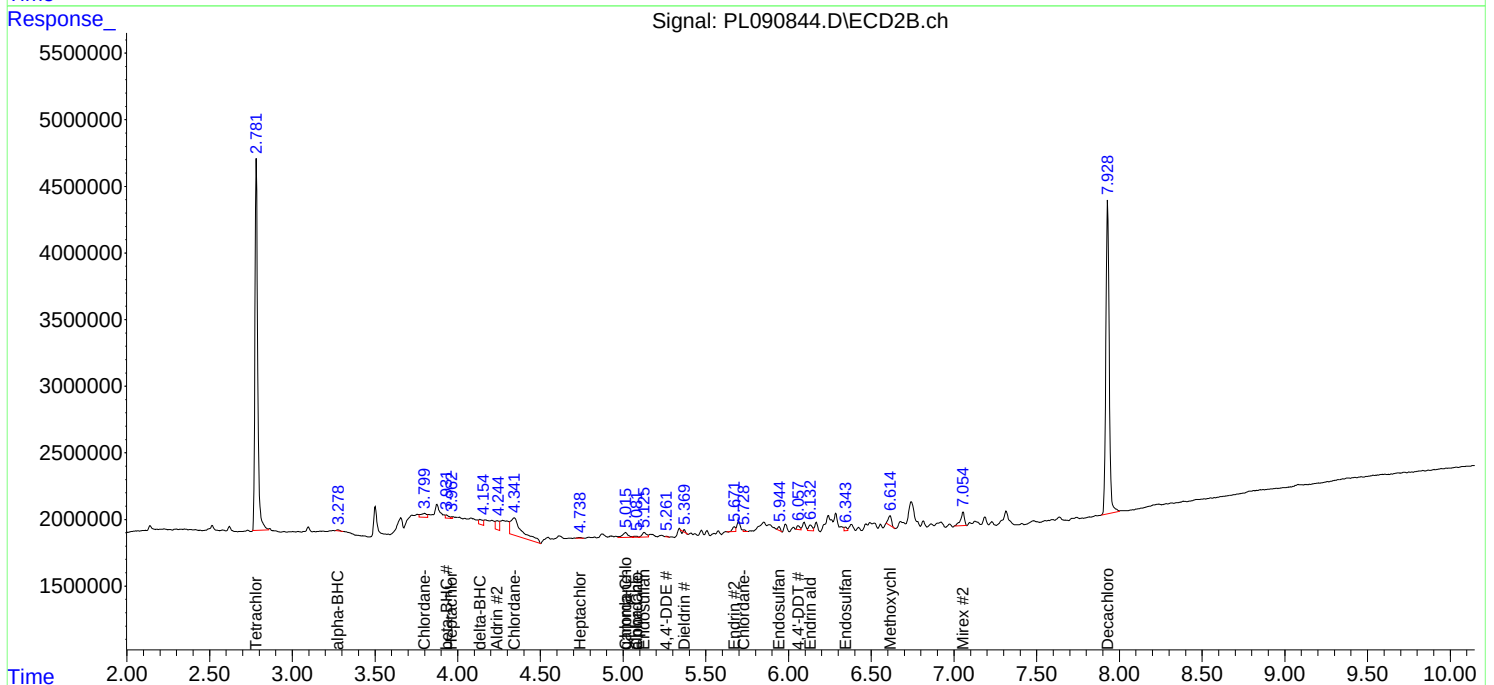
System Monitoring Compounds							
1)	SA Tetrachlo...	3.547	2.783	38372805	31628329	19.818	18.295
28)	SA Decachlor...	9.062	7.929	30499633	33154489	21.228	19.863
Target Compounds							
2)	A alpha-BHC	0.000	3.276	0	110131	N.D.	0.045 #
4)	MA Heptachlor	4.937	3.963	1958326	83209	0.792	0.036 #
5)	MB Aldrin	0.000	4.241	0	1076433	N.D.	0.486 #
6)	B beta-BHC	0.000	3.932	0	362444	N.D.	0.341 #
7)	B delta-BHC	0.000	4.136	0	654919	N.D.	0.293 #
8)	B Heptachlo...	0.000	4.739	0	73631	N.D.	0.036 #
9)	A Endosulfan I	6.097f	5.127	7155196	618092	3.413	0.320 #
10)	B gamma-Chl...	0.000	5.016f	0	837921	N.D.	0.392 #
11)	B alpha-Chl...	0.000	5.082f	0	117609	N.D.	0.055 #
12)	B 4,4'-DDE	0.000	5.261	0	40227	N.D.	0.021 #
13)	MA Dieldrin	0.000	5.370	0	3880	N.D.	0.002 #
14)	MA Endrin	0.000	5.672f	0	449006	N.D.	0.246 #
15)	B Endosulfa...	0.000	5.943	0	295204	N.D.	0.163 #
17)	MA 4,4'-DDT	0.000	6.058	0	372160	N.D.	0.224 #
18)	B Endrin al...	0.000	6.133	0	652044	N.D.	0.461 #
19)	B Endosulfa...	7.155	6.344	3603372	314701	2.009	0.180 #
20)	A Methoxychlor	0.000	6.614	0	1024508	N.D.	1.110 #
22)	Mirex	0.000	7.056f	0	1712821	N.D.	1.020 #
23)	Chlordane-1	0.000	3.800	0	755835	N.D.	11.211 #
24)	Chlordane-2	0.000	4.342f	0	6451834	N.D.	77.571 #
25)	Chlordane-3	0.000	5.016f	0	837921	N.D.	3.742 #
26)	Chlordane-4	0.000	5.082f	0	117609	N.D.	0.550 #
27)	Chlordane-5	0.000	5.731	0	129305	N.D.	1.935 #

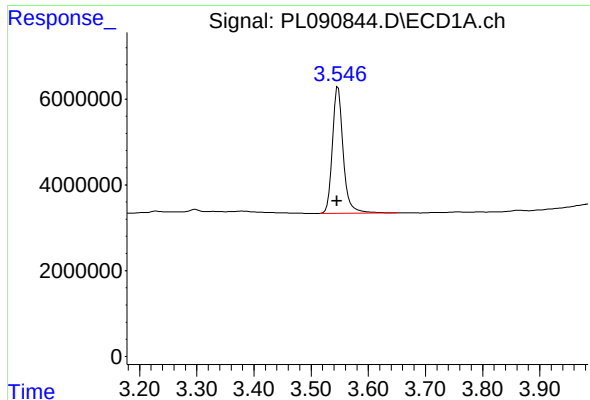
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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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





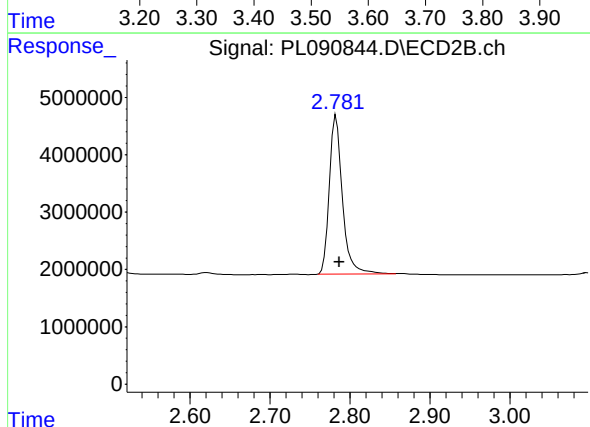
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.002 min
Response: 38372805
Conc: 19.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

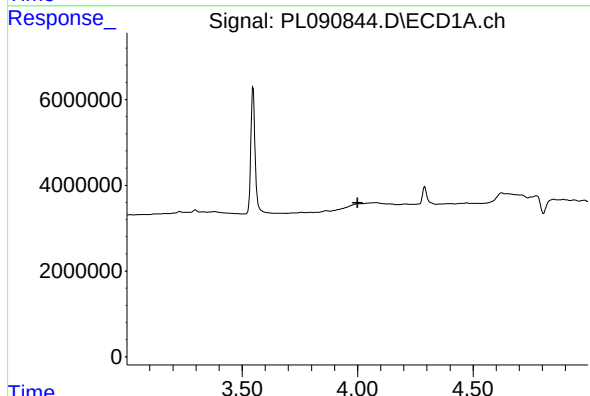
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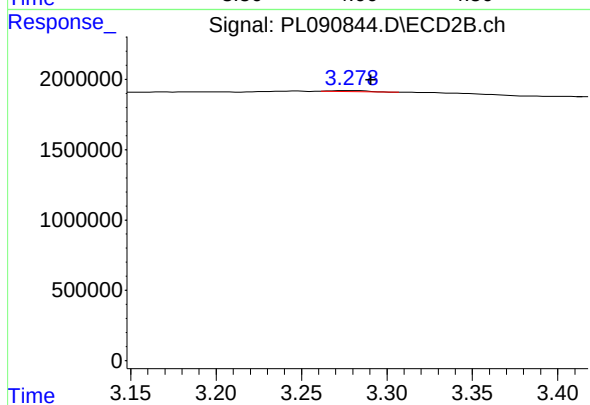
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.004 min
Response: 31628329
Conc: 18.29 ng/ml



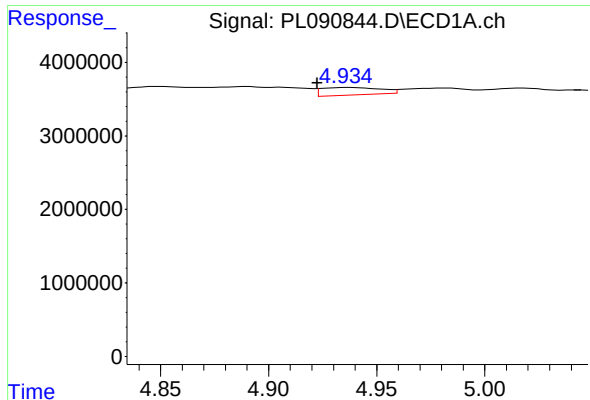
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T.: 4.001 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.014 min
Response: 110131
Conc: 0.04 ng/ml



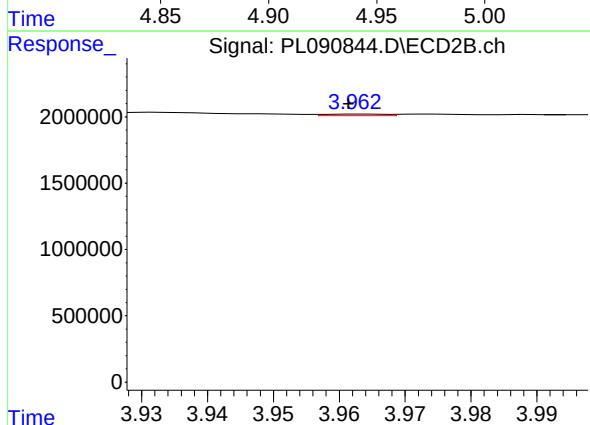
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.015 min
Response: 1958326
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
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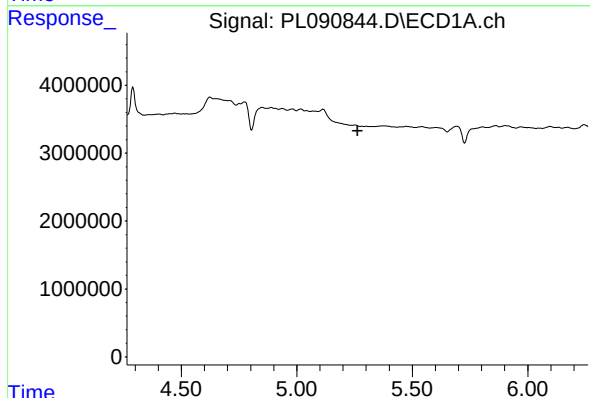
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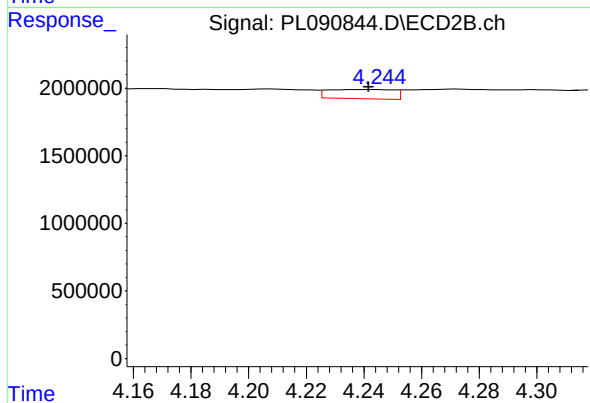
#4 Heptachlor

R.T.: 3.963 min
Delta R.T.: 0.002 min
Response: 83209
Conc: 0.04 ng/ml



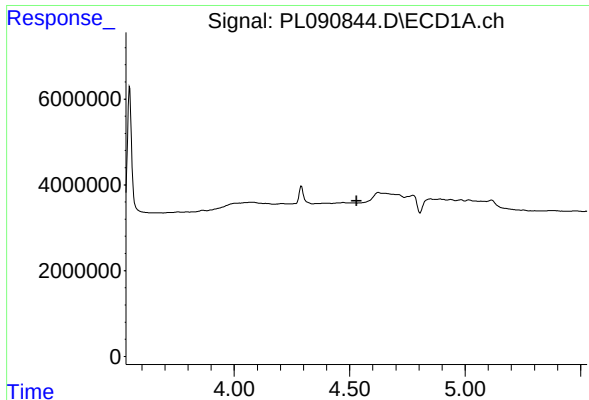
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.



#5 Aldrin

R.T.: 4.241 min
Delta R.T.: -0.001 min
Response: 1076433
Conc: 0.49 ng/ml



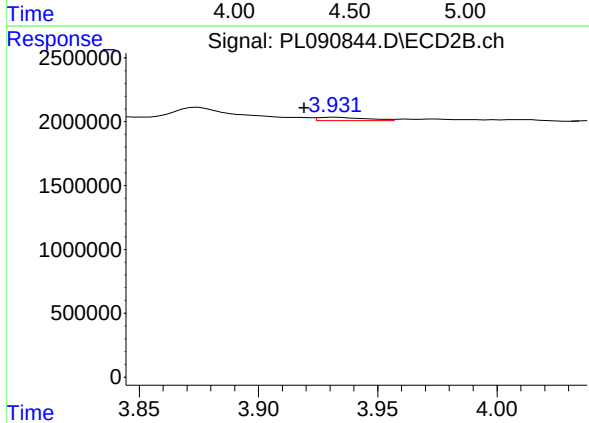
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

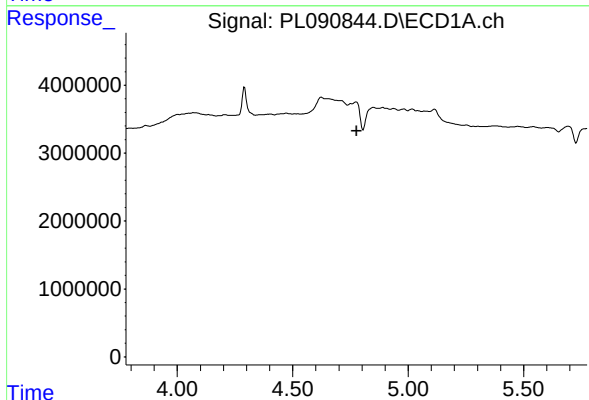
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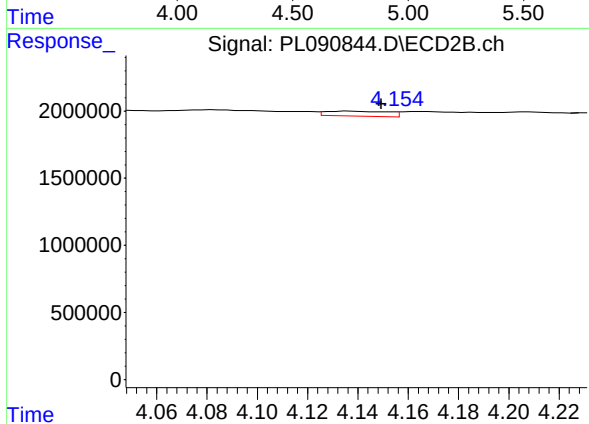
#6 beta-BHC

R.T.: 3.932 min
Delta R.T.: 0.013 min
Response: 362444
Conc: 0.34 ng/ml



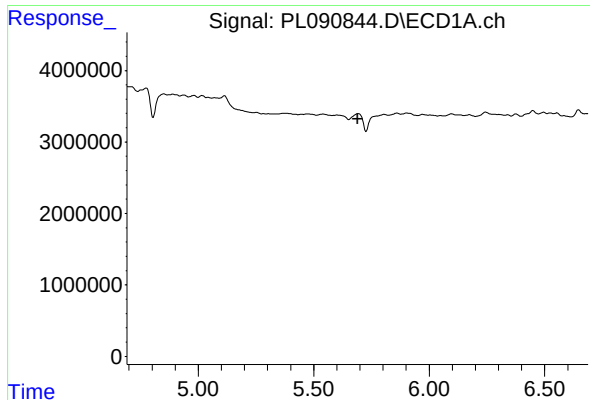
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.776 min
Response: 0
Conc: N.D.



#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.013 min
Response: 654919
Conc: 0.29 ng/ml



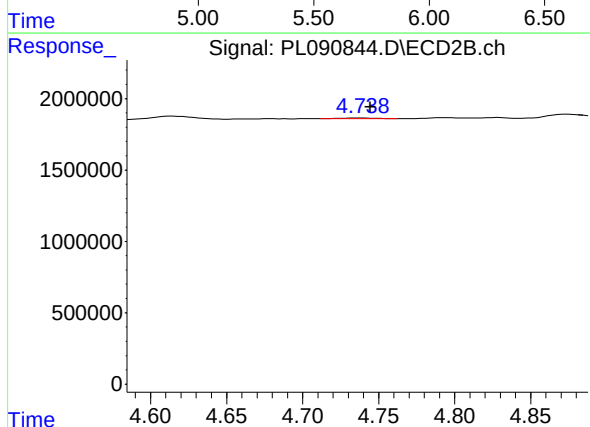
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

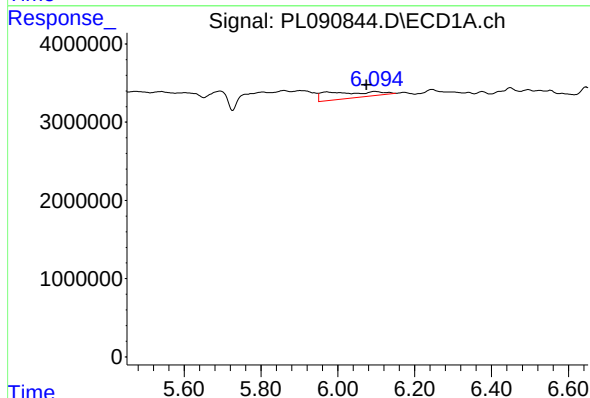
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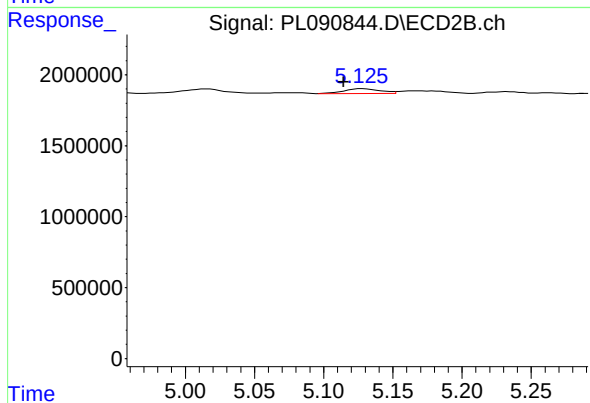
#8 Heptachlor epoxide

R.T.: 4.739 min
Delta R.T.: -0.005 min
Response: 73631
Conc: 0.04 ng/ml



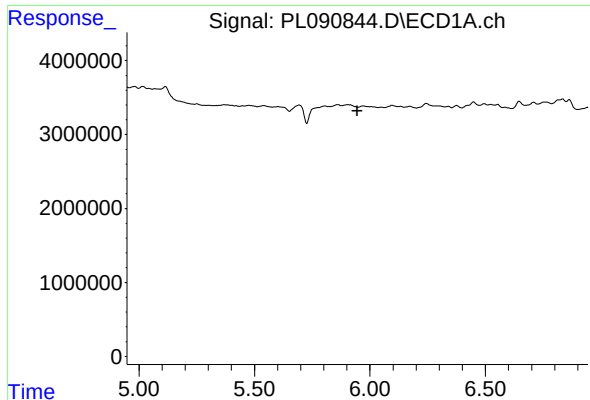
#9 Endosulfan I

R.T.: 6.097 min
Delta R.T.: 0.022 min
Response: 7155196
Conc: 3.41 ng/ml



#9 Endosulfan I

R.T.: 5.127 min
Delta R.T.: 0.013 min
Response: 618092
Conc: 0.32 ng/ml



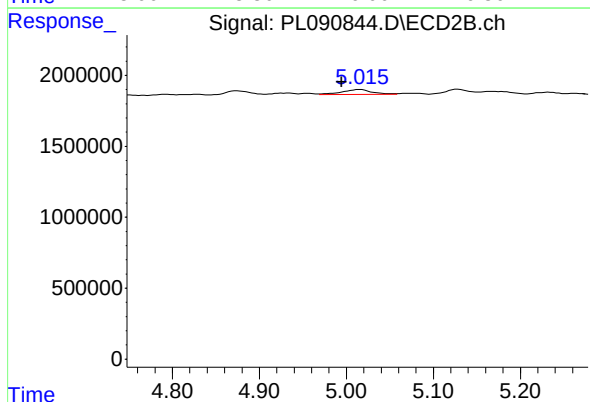
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.945 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

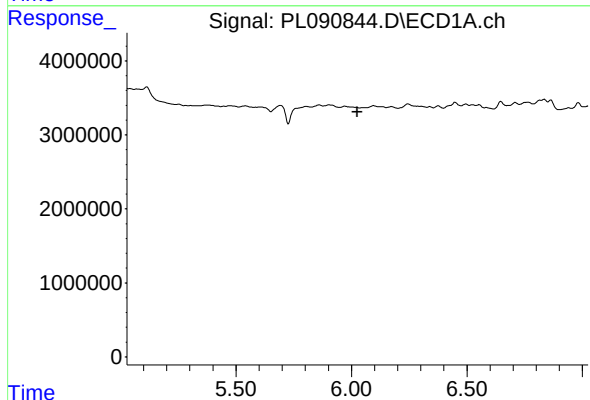
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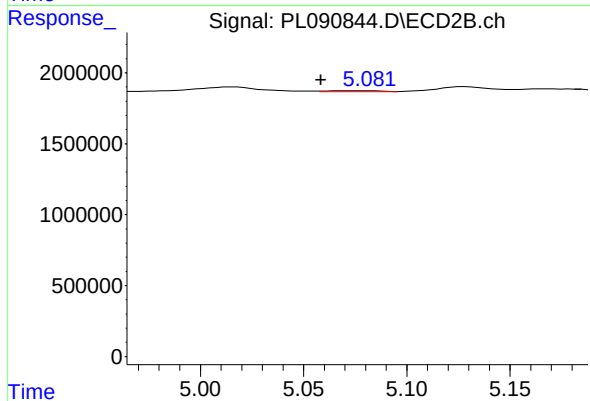
#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.021 min
Response: 837921
Conc: 0.39 ng/ml



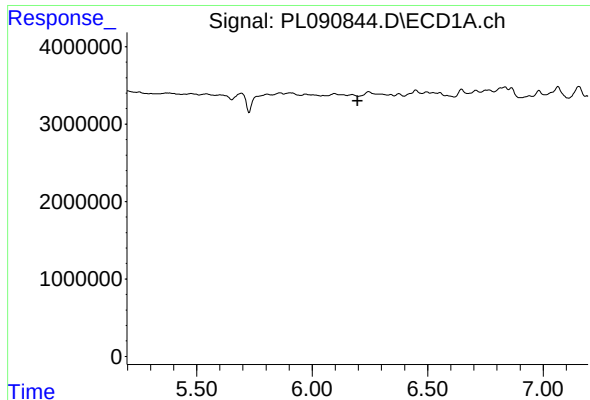
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 6.024 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

R.T.: 5.082 min
Delta R.T.: 0.023 min
Response: 117609
Conc: 0.06 ng/ml



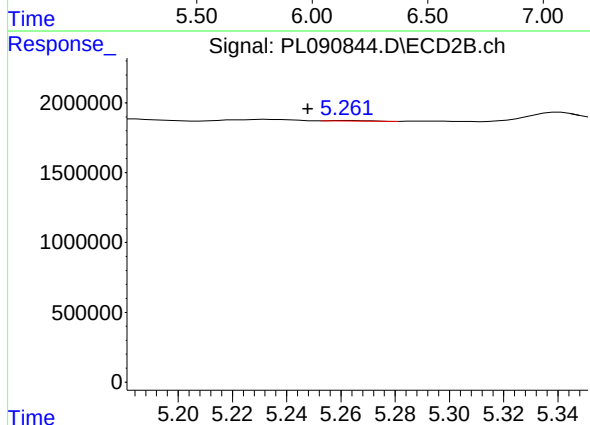
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.197 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

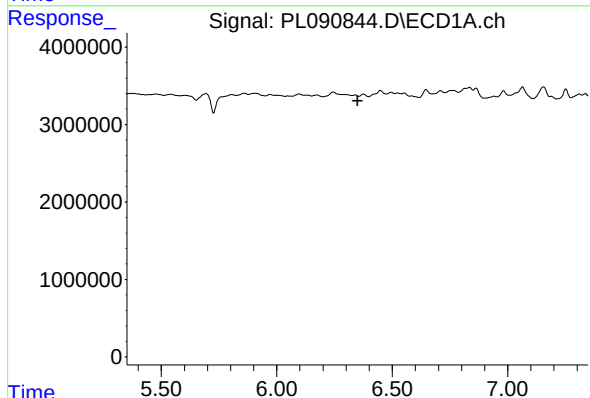
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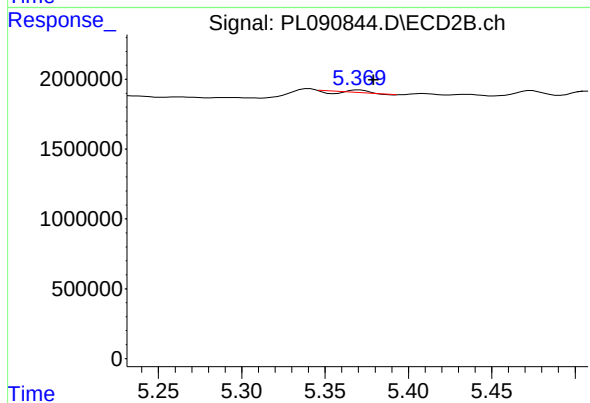
#12 4,4'-DDE

R.T.: 5.261 min
Delta R.T.: 0.014 min
Response: 40227
Conc: 0.02 ng/ml



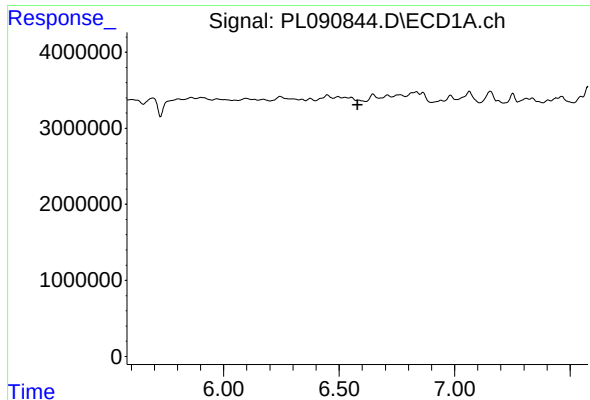
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 6.350 min
Response: 0
Conc: N.D.



#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.009 min
Response: 3880
Conc: 0.00 ng/ml



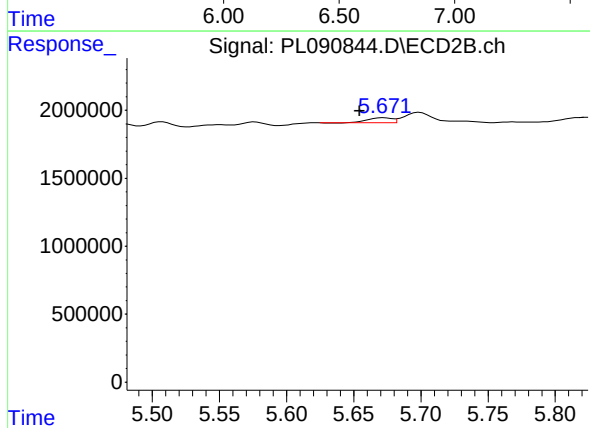
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.580 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

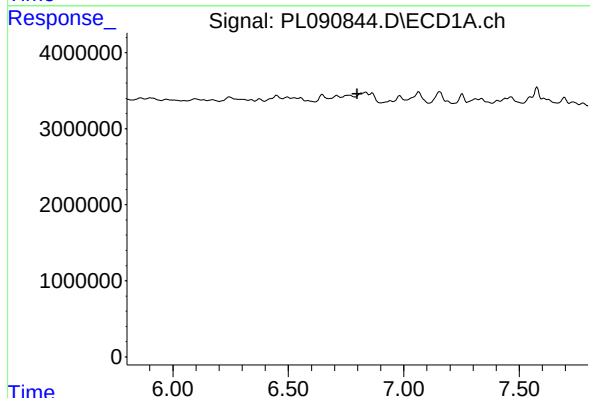
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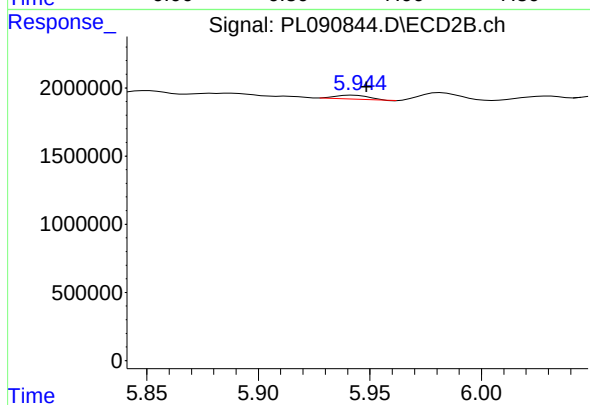
#14 Endrin

R.T.: 5.672 min
Delta R.T.: 0.018 min
Response: 449006
Conc: 0.25 ng/ml



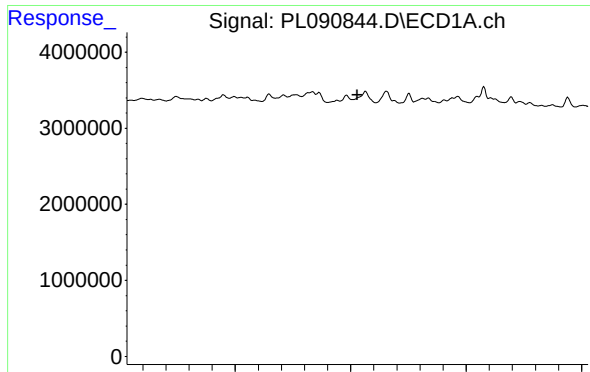
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.799 min
Response: 0
Conc: N.D.



#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: -0.006 min
Response: 295204
Conc: 0.16 ng/ml



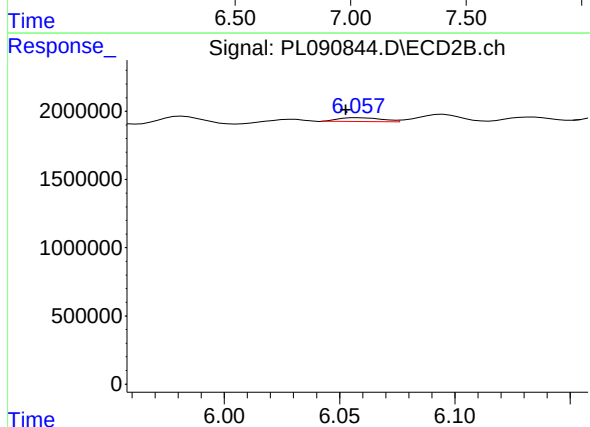
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 7.028 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
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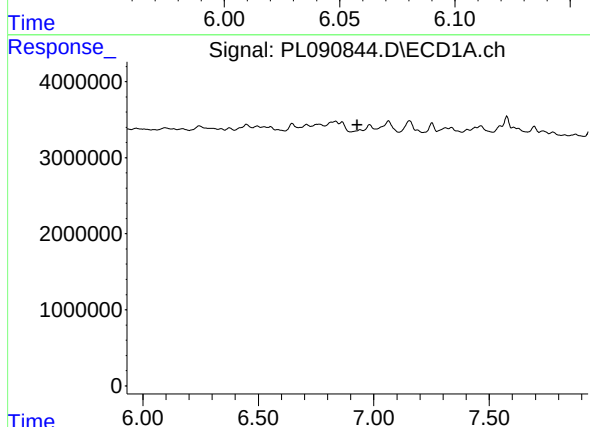
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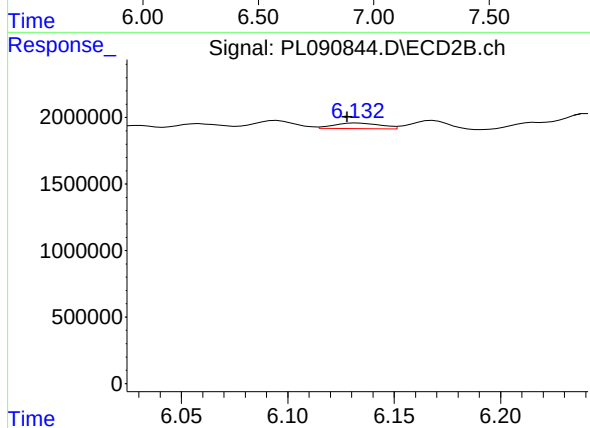
#17 4,4'-DDT

R.T.: 6.058 min
Delta R.T.: 0.005 min
Response: 372160
Conc: 0.22 ng/ml



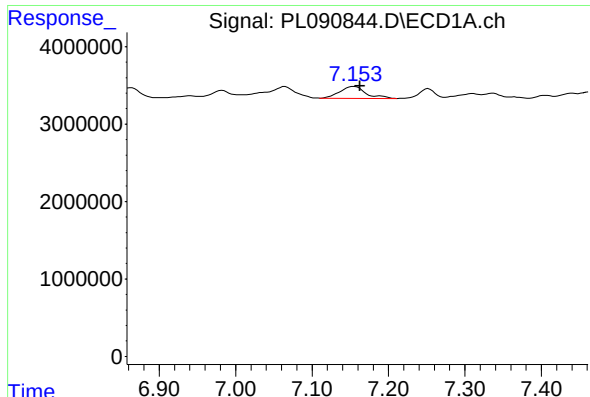
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.929 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.133 min
Delta R.T.: 0.005 min
Response: 652044
Conc: 0.46 ng/ml



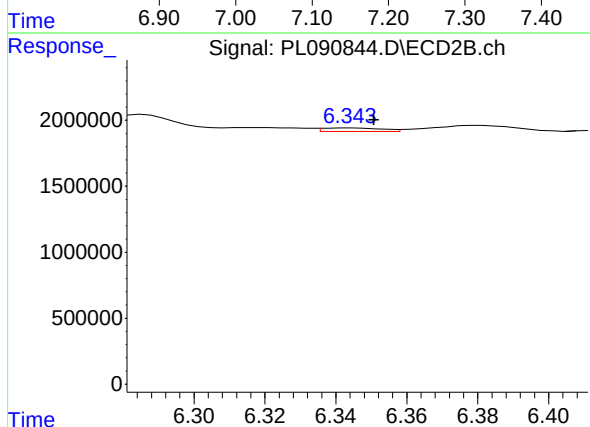
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.008 min
Response: 3603372
Conc: 2.01 ng/ml

Instrument : ECD_L
ClientSampleId : MDL-SOIL-03-QT3-2024

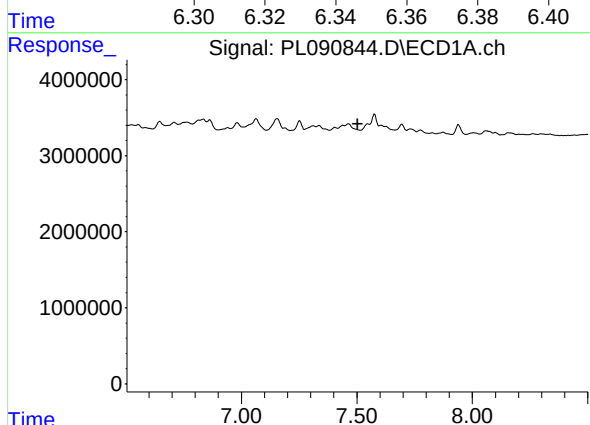
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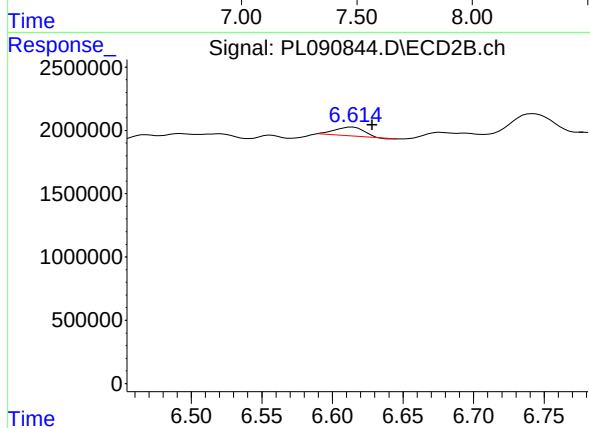
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: -0.006 min
Response: 314701
Conc: 0.18 ng/ml



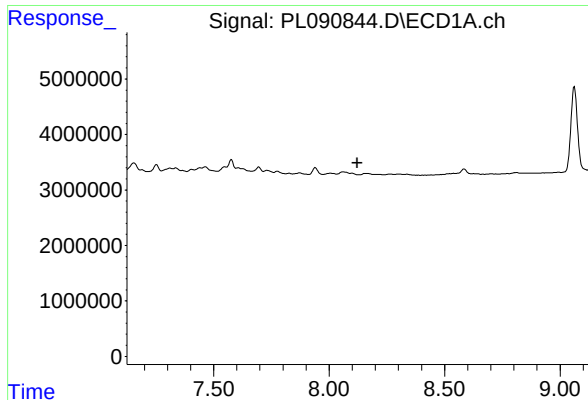
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.504 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: -0.014 min
Response: 1024508
Conc: 1.11 ng/ml



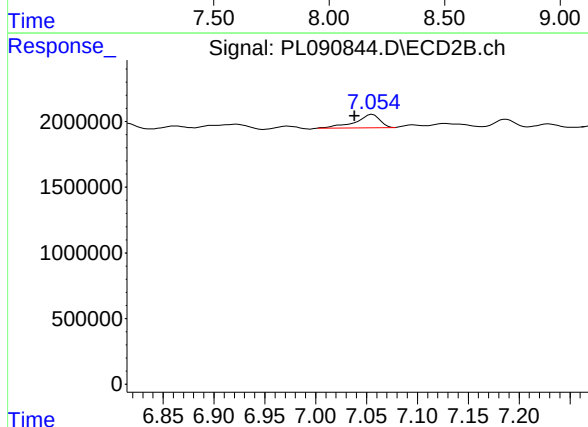
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.121 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

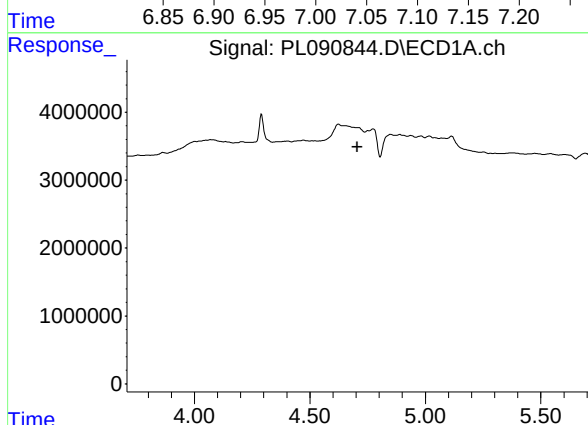
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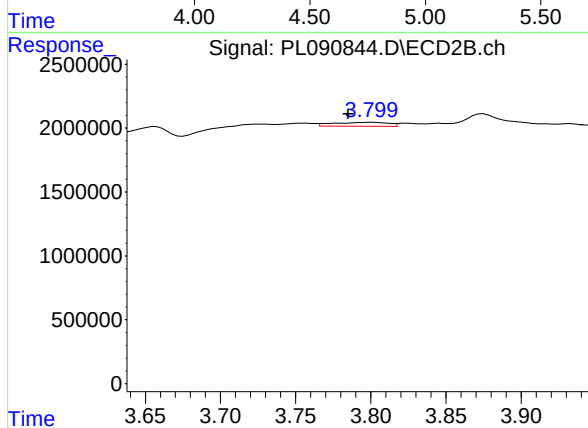
#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.017 min
Response: 1712821
Conc: 1.02 ng/ml



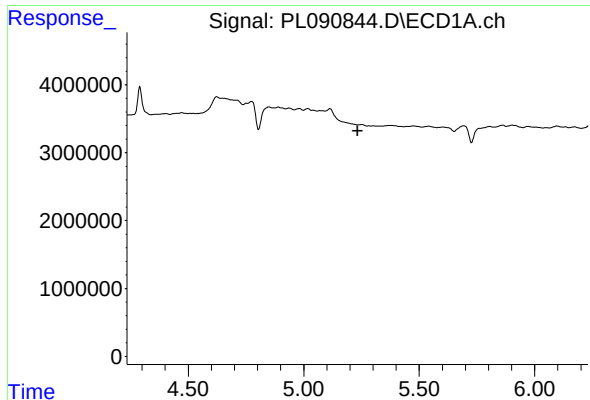
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.705 min
Response: 0
Conc: N.D.



#23 Chlordane-1

R.T.: 3.800 min
Delta R.T.: 0.015 min
Response: 755835
Conc: 11.21 ng/ml



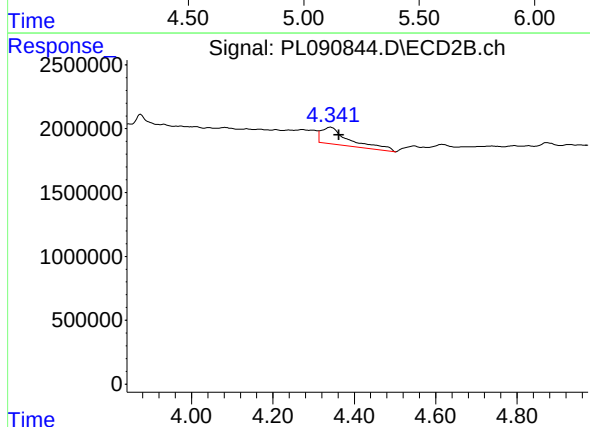
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
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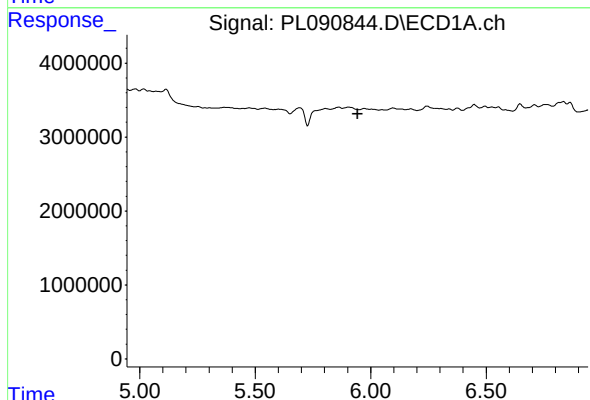
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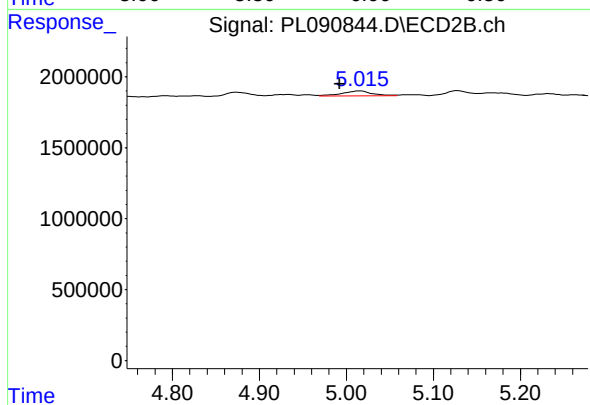
#24 Chlordane-2

R.T.: 4.342 min
Delta R.T.: -0.020 min
Response: 6451834
Conc: 77.57 ng/ml



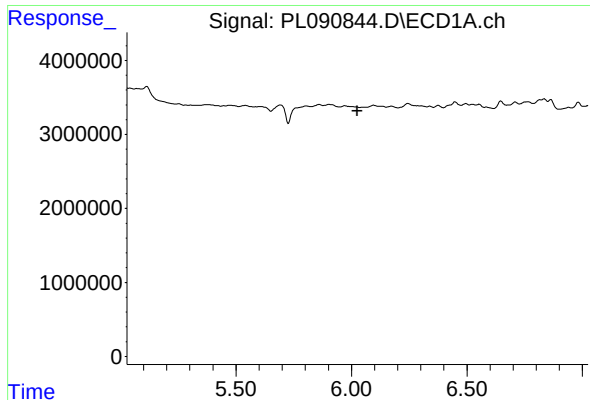
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.943 min
Response: 0
Conc: N.D.



#25 Chlordane-3

R.T.: 5.016 min
Delta R.T.: 0.024 min
Response: 837921
Conc: 3.74 ng/ml



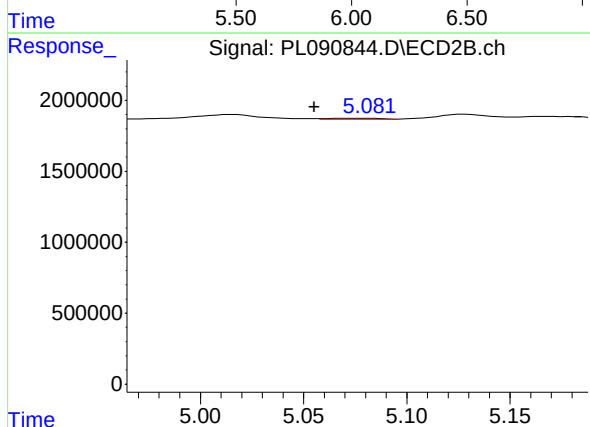
#26 Chlorine-4

R.T.: 0.000 min
Exp R.T.: 6.025 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

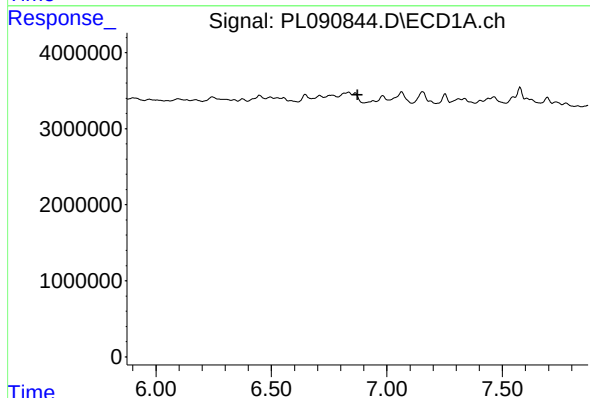
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/08/2024
Supervised By :Ankita Jodhani 08/08/2024



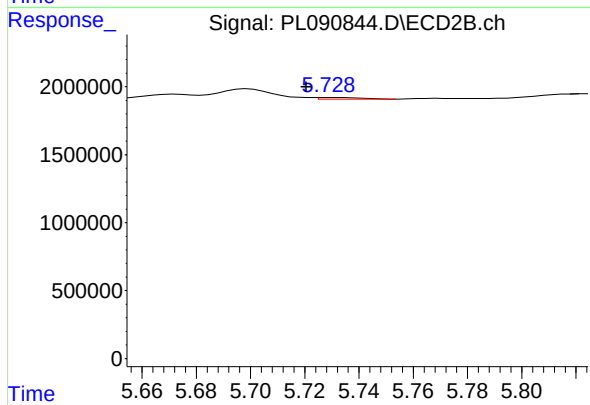
#26 Chlorine-4

R.T.: 5.082 min
Delta R.T.: 0.027 min
Response: 117609
Conc: 0.55 ng/ml



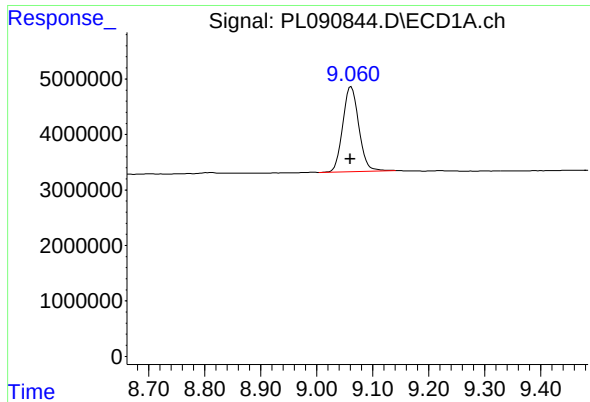
#27 Chlorine-5

R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.



#27 Chlorine-5

R.T.: 5.731 min
Delta R.T.: 0.010 min
Response: 129305
Conc: 1.93 ng/ml



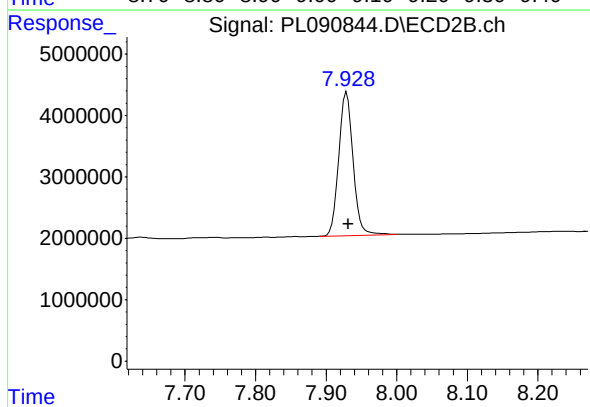
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.001 min
Response: 30499633
Conc: 21.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 08/08/2024



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.002 min
Response: 33154489
Conc: 19.86 ng/ml