

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
 Data File : PL084685.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 15:58
 Operator : AR\AJ
 Sample : 03572-02
 Misc : TOX LOQ 100PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-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 23:14:08 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	2.685	40766683	19644610	17.546	18.066
28)	SA Decachlor...	9.028	7.867	32404484	26399123	19.916	21.173
Target Compounds							
2)	A alpha-BHC	0.000	3.189	0	102682	N.D.	0.067 #
3)	MA gamma-BHC...	0.000	3.516	0	85705	N.D.	0.056 #
4)	MA Heptachlor	4.872	3.892f	2228017	60003	0.663	0.042 #
5)	MB Aldrin	0.000	4.153	0	16006	N.D.	0.011 #
6)	B beta-BHC	4.489f	0.000	711260	0	0.509	N.D. #
7)	B delta-BHC	4.718	4.061	4178898	16287	1.296	0.011 #
8)	B Heptachlo...	5.634	4.649	3880146	102188	1.288	0.077 #
9)	A Endosulfan I	6.047f	5.045f	92658	36494	0.035	0.029
10)	B gamma-Chl...	5.913f	4.926f	285513	1014446	0.100	0.748 #
11)	B alpha-Chl...	5.952f	4.991f	247439	197871	0.088	0.145 #
12)	B 4,4'-DDE	0.000	5.181f	0	87676	N.D.	0.071 #
13)	MA Dieldrin	6.286	5.281	249067	-8775	0.094	N.D. #
14)	MA Endrin	6.500f	5.540f	363041	56449	0.166	0.046 #
15)	B Endosulfa...	0.000	5.856	0	722341	N.D.	0.599 #
16)	A 4,4'-DDD	6.655	5.731	333202	-48080	0.199	N.D. #
17)	MA 4,4'-DDT	0.000	5.969	0	118730	N.D.	0.102 #
18)	B Endrin al...	6.892f	6.052	233970	771696	0.139	0.778 #
19)	B Endosulfa...	7.105	6.257	4565291	291784	2.285	0.245 #
22)	Mirex	0.000	6.975f	0	2543071	N.D.	2.205 #
24)	Chlordane-2	0.000	4.288f	0	56816	N.D.	1.134 #
25)	Chlordane-3	5.913f	4.926f	285513	1014446	0.708	7.323 #
26)	Chlordane-4	5.952f	4.991f	247439	197871	0.511	1.379 #
27)	Chlordane-5	6.809	5.856	1574656	722341	21.152	14.183 #

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

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ALS Vial : 16 Sample Multiplier: 1

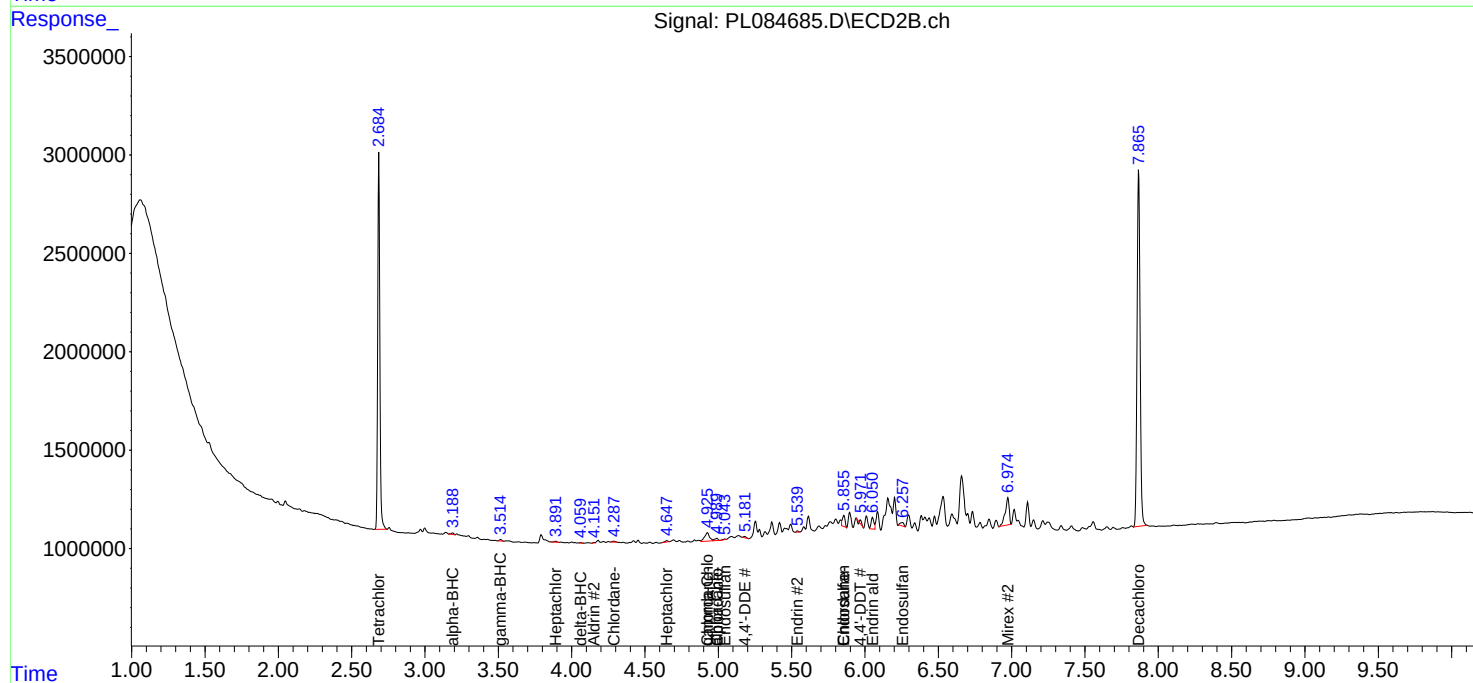
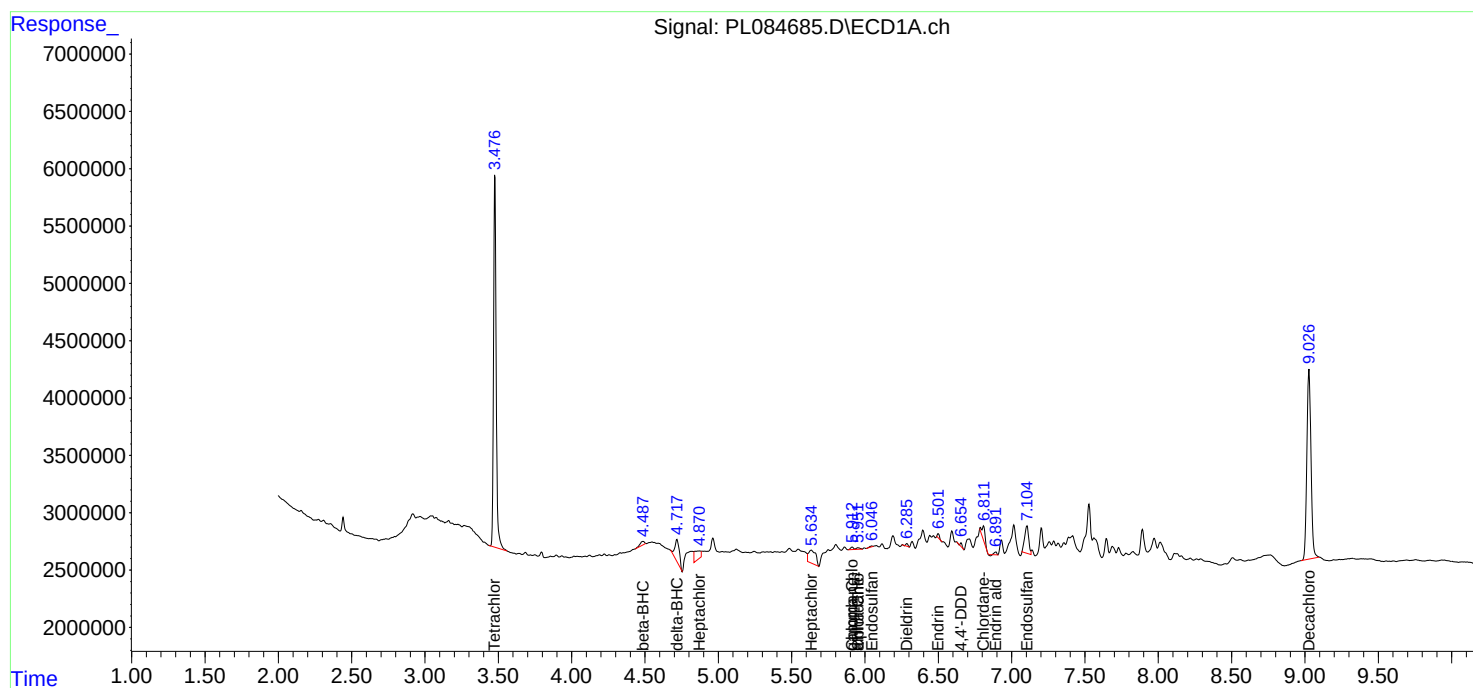
Instrument :
ECD_L
ClientSampleId :
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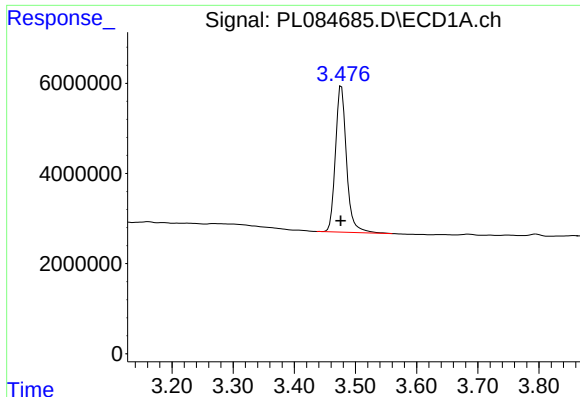
Manual Integrations
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Supervised By : Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 23:14:08 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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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





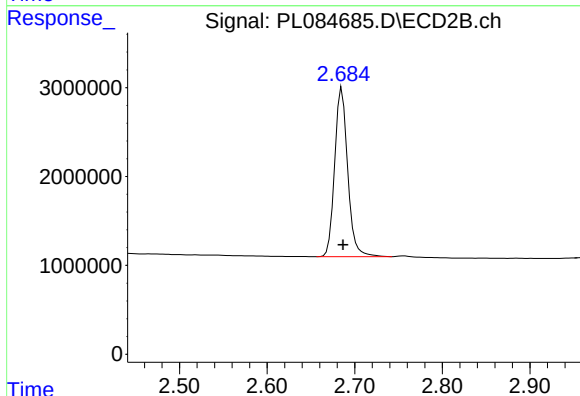
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 40766683
Conc: 17.55 ng/ml

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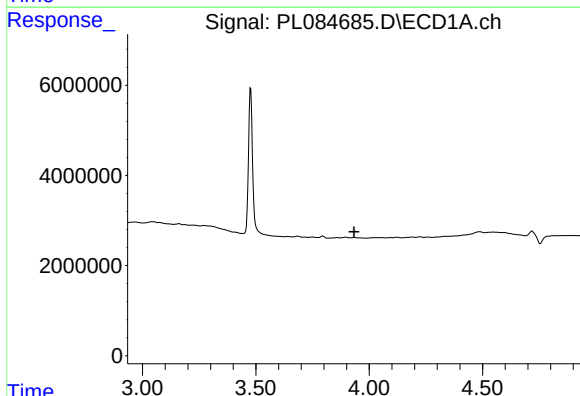
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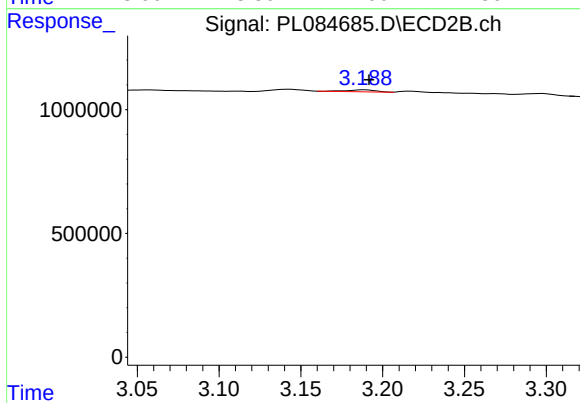
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.001 min
Response: 19644610
Conc: 18.07 ng/ml



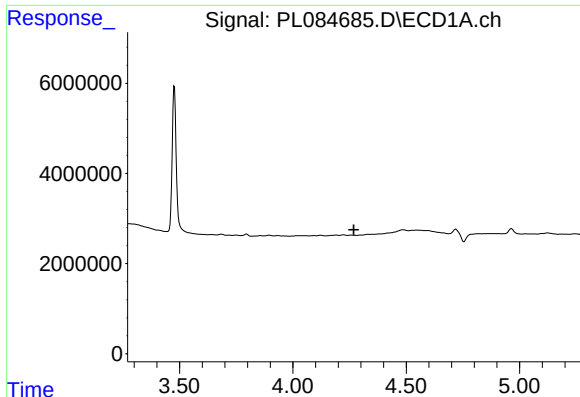
#2 alpha-BHC

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



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 102682
Conc: 0.07 ng/ml



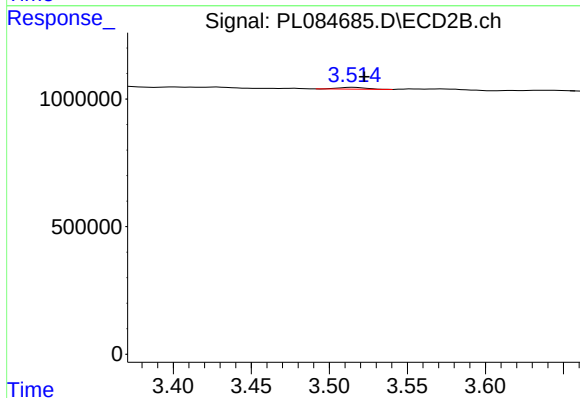
#3 gamma-BHC (Lindane)

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

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

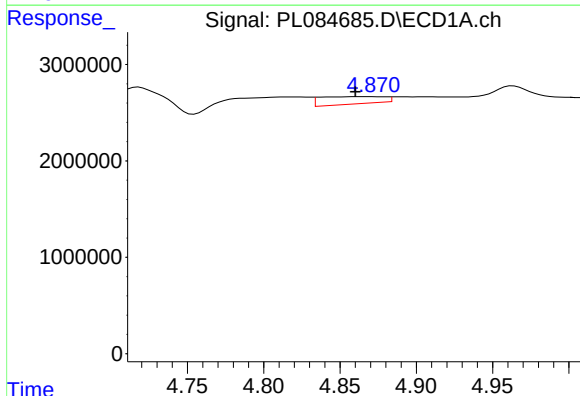
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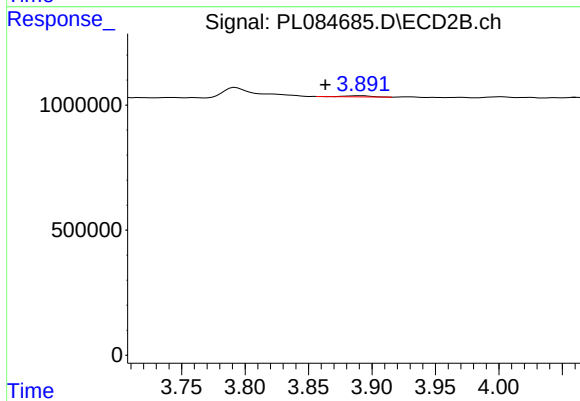
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.007 min
Response: 85705
Conc: 0.06 ng/ml



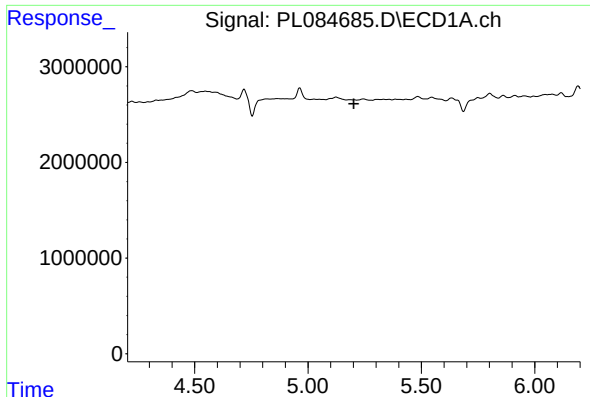
#4 Heptachlor

R.T.: 4.872 min
Delta R.T.: 0.011 min
Response: 2228017
Conc: 0.66 ng/ml



#4 Heptachlor

R.T.: 3.892 min
Delta R.T.: 0.029 min
Response: 60003
Conc: 0.04 ng/ml



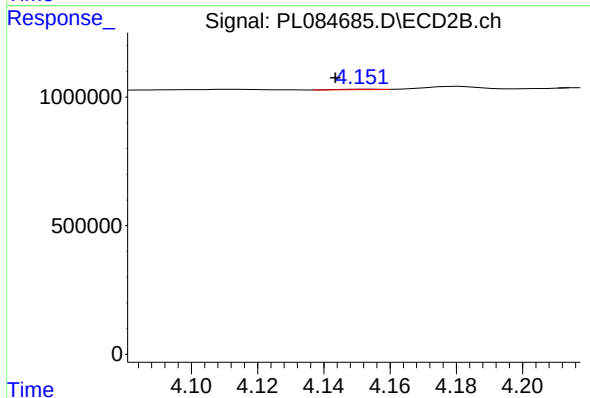
#5 Aldrin

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

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

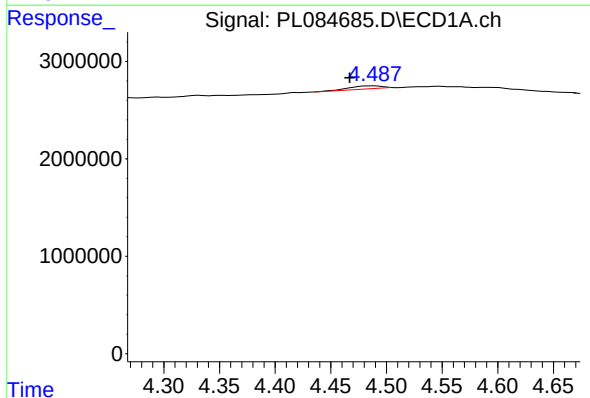
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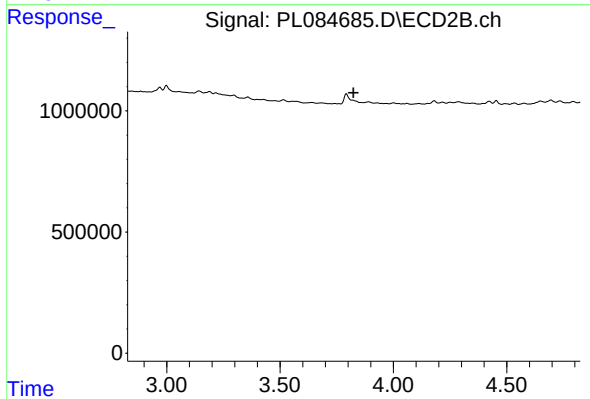
#5 Aldrin

R.T.: 4.153 min
Delta R.T.: 0.009 min
Response: 16006
Conc: 0.01 ng/ml



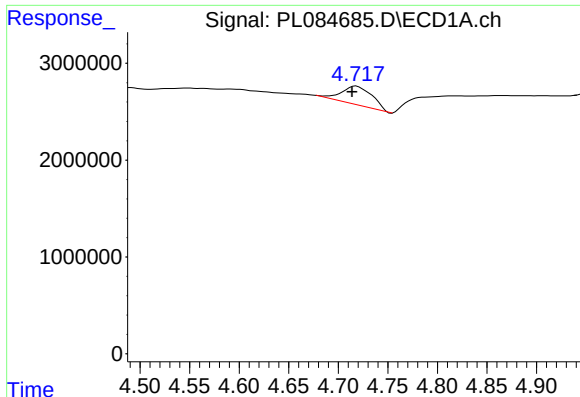
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.022 min
Response: 711260
Conc: 0.51 ng/ml



#6 beta-BHC

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



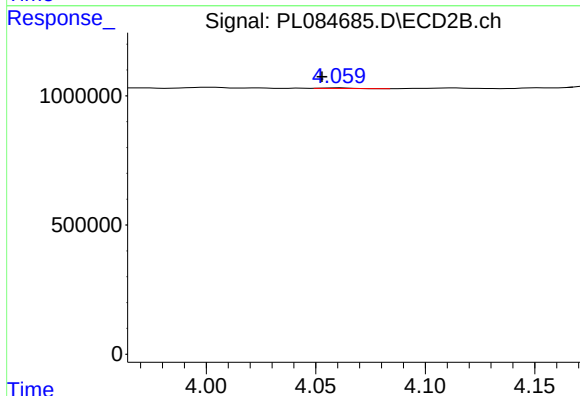
#7 delta-BHC

R.T.: 4.718 min
Delta R.T.: 0.004 min
Response: 4178898
Conc: 1.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

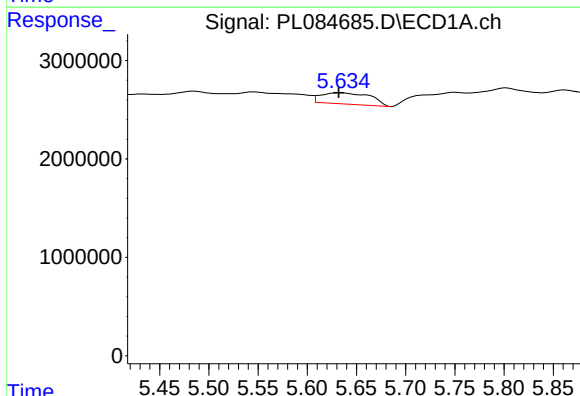
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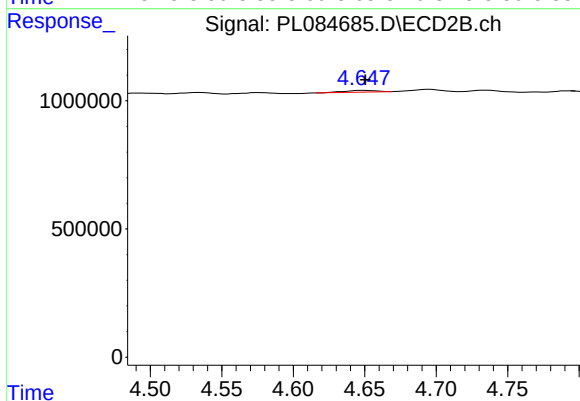
#7 delta-BHC

R.T.: 4.061 min
Delta R.T.: 0.008 min
Response: 16287
Conc: 0.01 ng/ml



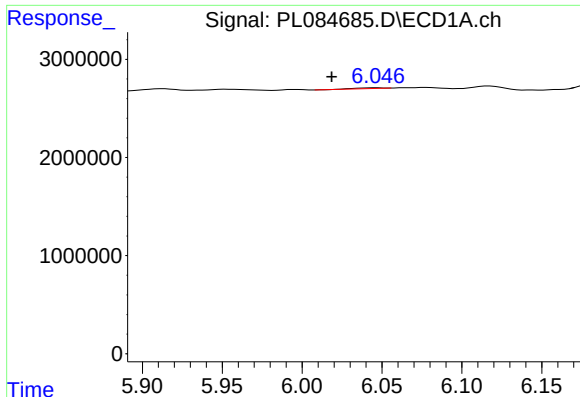
#8 Heptachlor epoxide

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 3880146
Conc: 1.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.001 min
Response: 102188
Conc: 0.08 ng/ml



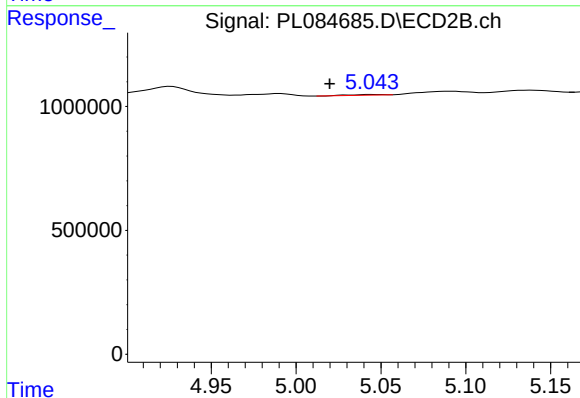
#9 Endosulfan I

R.T.: 6.047 min
Delta R.T.: 0.028 min
Response: 92658
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
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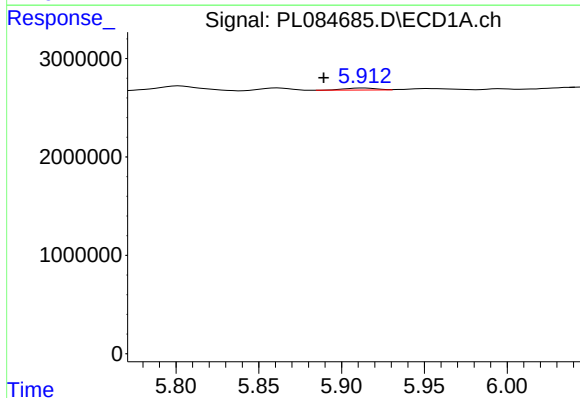
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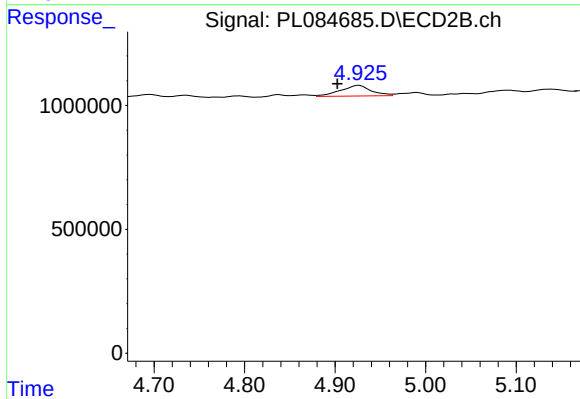
#9 Endosulfan I

R.T.: 5.045 min
Delta R.T.: 0.025 min
Response: 36494
Conc: 0.03 ng/ml



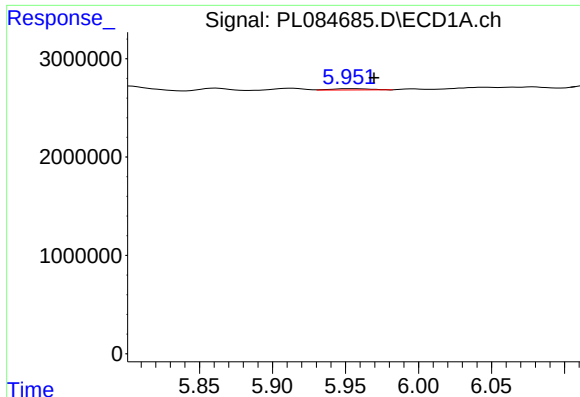
#10 gamma-Chlordane

R.T.: 5.913 min
Delta R.T.: 0.024 min
Response: 285513
Conc: 0.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.926 min
Delta R.T.: 0.024 min
Response: 1014446
Conc: 0.75 ng/ml



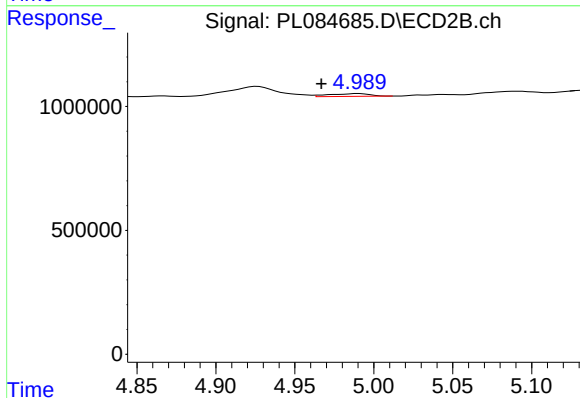
#11 alpha-Chlordane

R.T.: 5.952 min
Delta R.T.: -0.017 min
Response: 247439
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

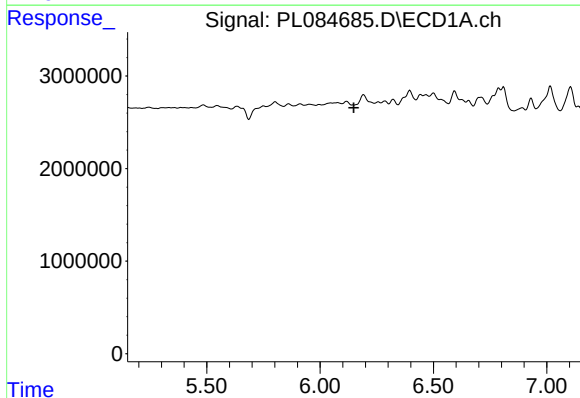
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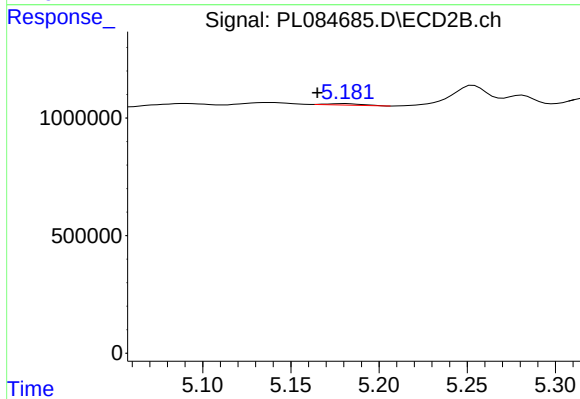
#11 alpha-Chlordane

R.T.: 4.991 min
Delta R.T.: 0.024 min
Response: 197871
Conc: 0.15 ng/ml



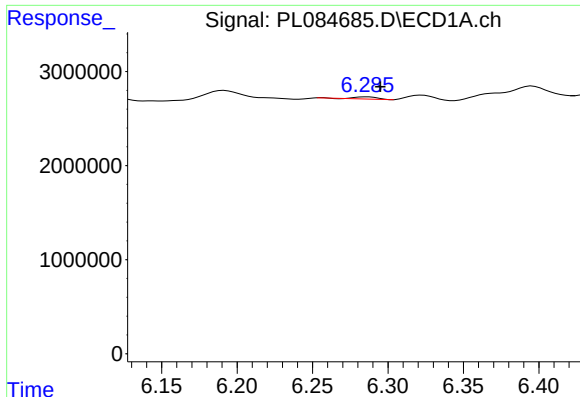
#12 4,4'-DDE

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



#12 4,4'-DDE

R.T.: 5.181 min
Delta R.T.: 0.016 min
Response: 87676
Conc: 0.07 ng/ml



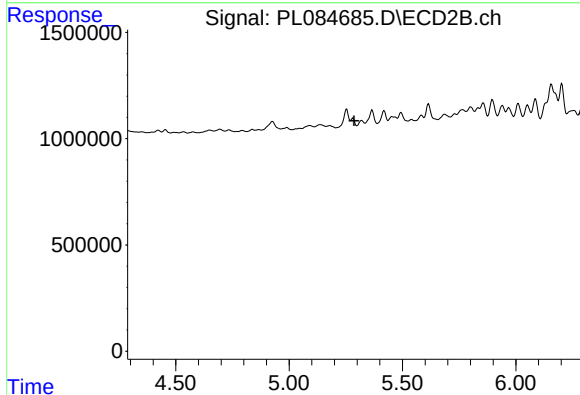
#13 Dieldrin

R.T.: 6.286 min
Delta R.T.: -0.009 min
Response: 249067
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
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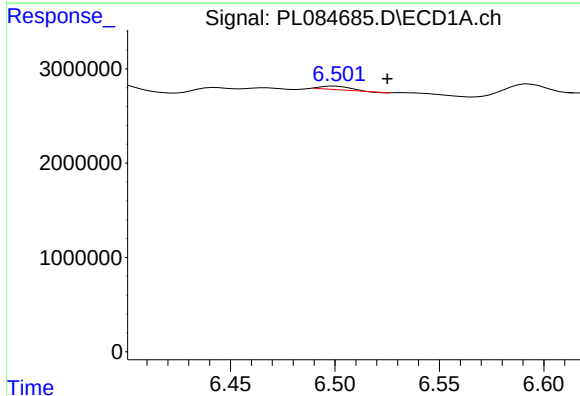
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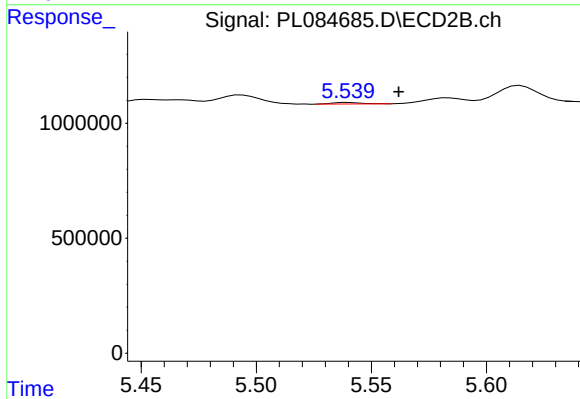
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.006 min
Response: -8775
Conc: N.D.



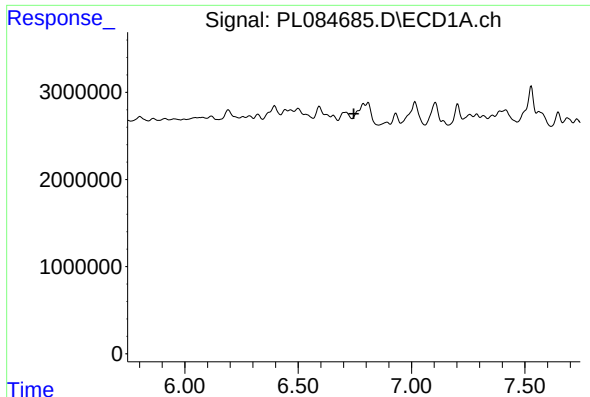
#14 Endrin

R.T.: 6.500 min
Delta R.T.: -0.025 min
Response: 363041
Conc: 0.17 ng/ml



#14 Endrin

R.T.: 5.540 min
Delta R.T.: -0.022 min
Response: 56449
Conc: 0.05 ng/ml



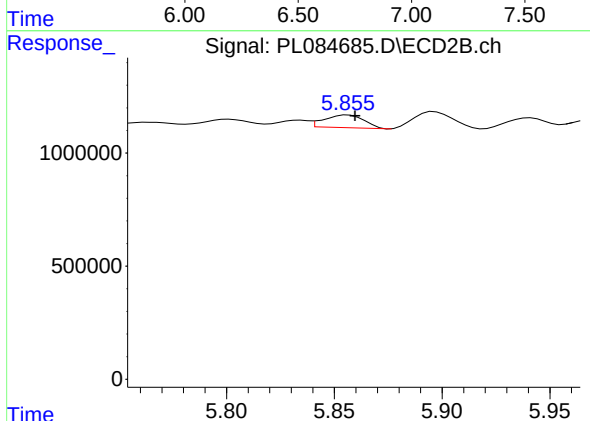
#15 Endosulfan II

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

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

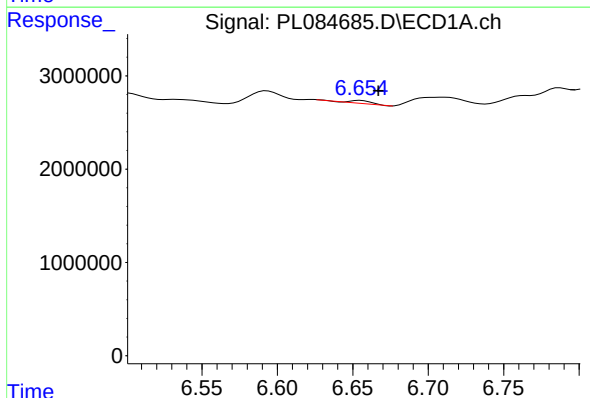
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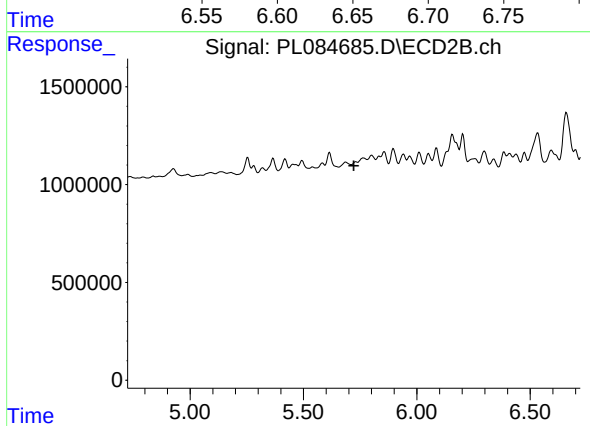
#15 Endosulfan II

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 722341
Conc: 0.60 ng/ml



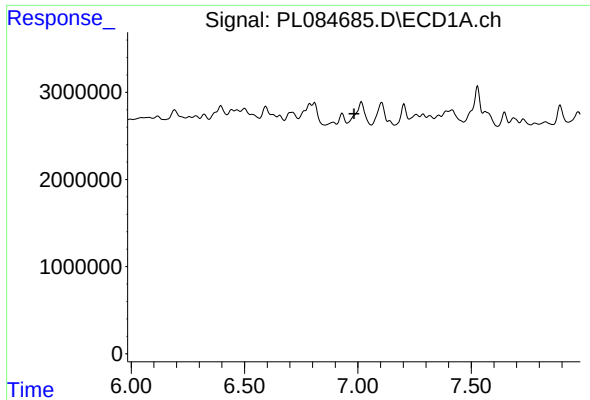
#16 4,4'-DDD

R.T.: 6.655 min
Delta R.T.: -0.012 min
Response: 333202
Conc: 0.20 ng/ml



#16 4,4'-DDD

R.T.: 5.731 min
Delta R.T.: 0.008 min
Response: -48080
Conc: N.D.



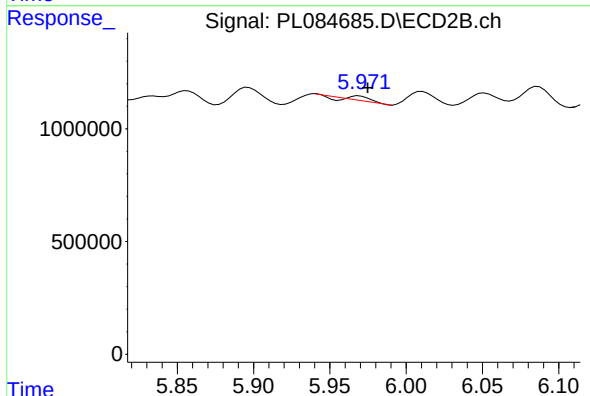
#17 4,4'-DDT

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

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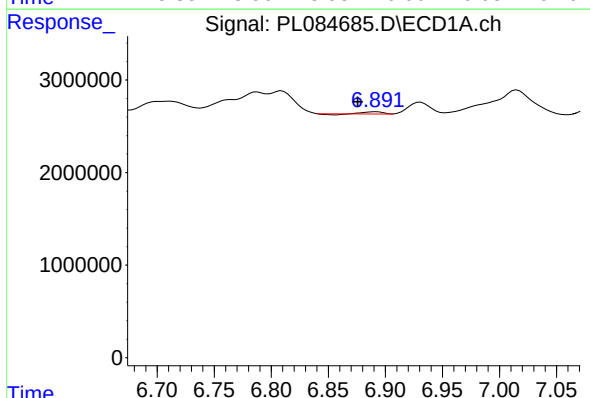
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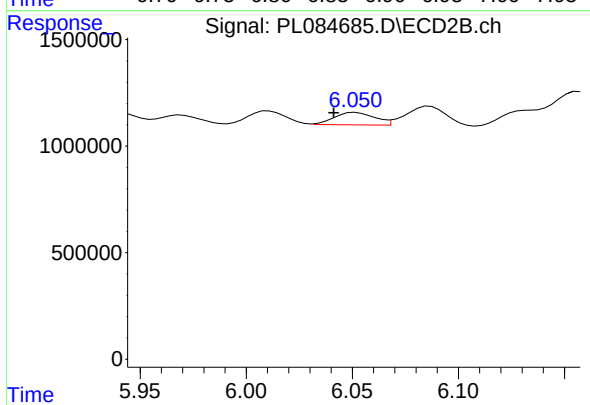
#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: -0.006 min
Response: 118730
Conc: 0.10 ng/ml



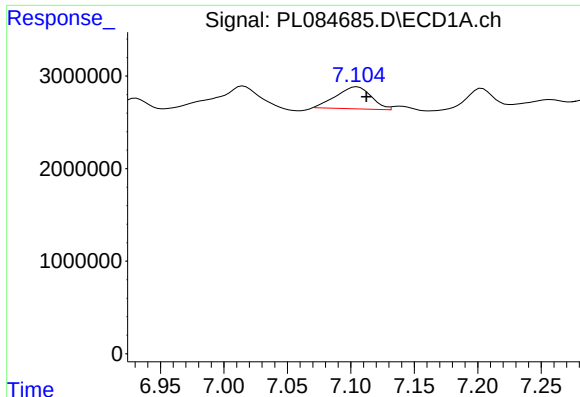
#18 Endrin aldehyde

R.T.: 6.892 min
Delta R.T.: 0.017 min
Response: 233970
Conc: 0.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.052 min
Delta R.T.: 0.010 min
Response: 771696
Conc: 0.78 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.007 min
Response: 4565291
Conc: 2.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

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#19 Endosulfan Sulfate

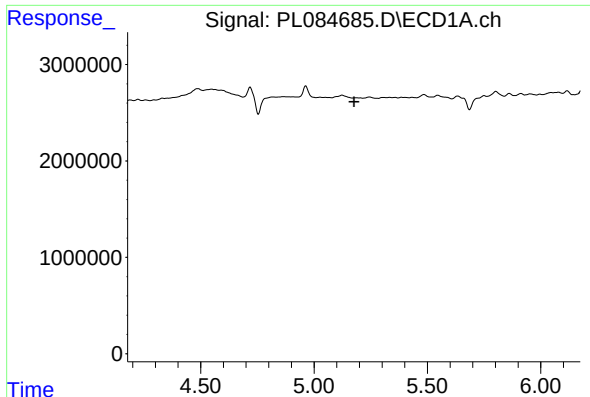
R.T.: 6.257 min
Delta R.T.: -0.009 min
Response: 291784
Conc: 0.25 ng/ml

#22 Mirex

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

#22 Mirex

R.T.: 6.975 min
Delta R.T.: 0.023 min
Response: 2543071
Conc: 2.21 ng/ml



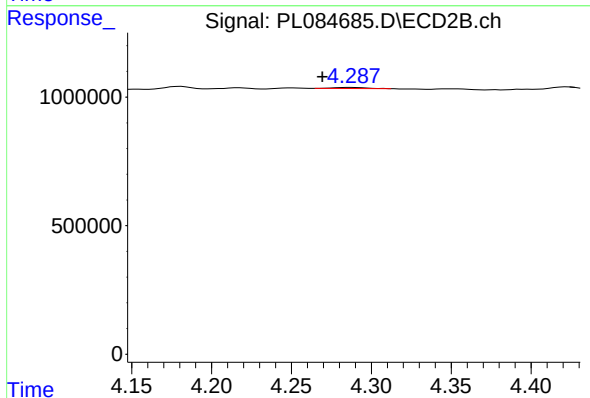
#24 Chlordane-2

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

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

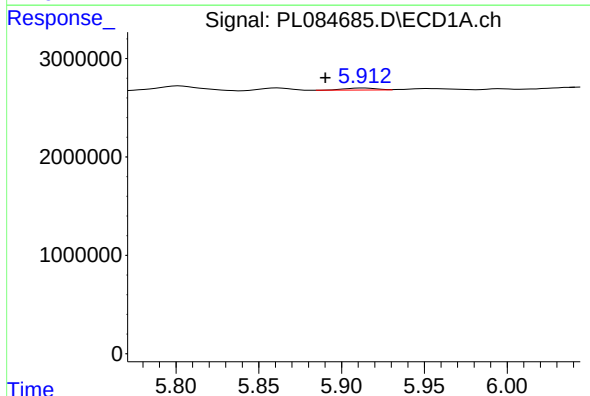
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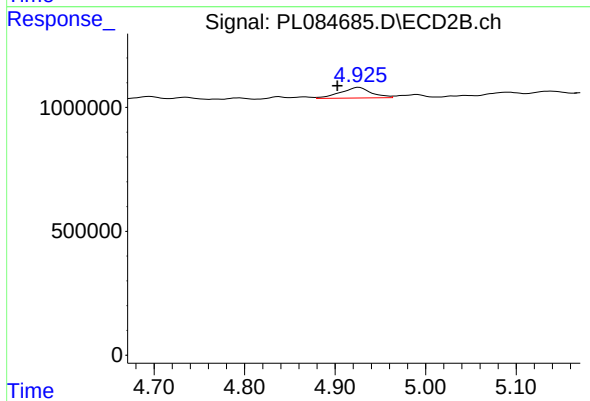
#24 Chlordane-2

R.T.: 4.288 min
Delta R.T.: 0.019 min
Response: 56816
Conc: 1.13 ng/ml



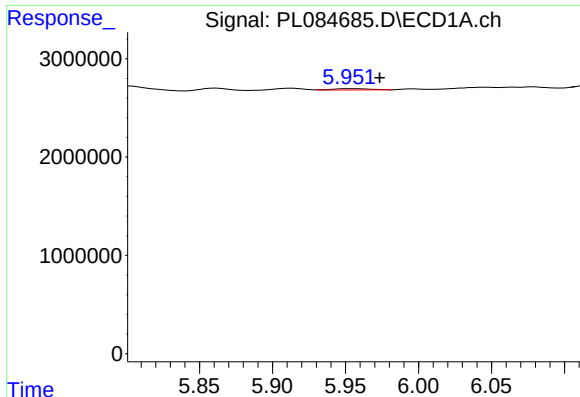
#25 Chlordane-3

R.T.: 5.913 min
Delta R.T.: 0.023 min
Response: 285513
Conc: 0.71 ng/ml



#25 Chlordane-3

R.T.: 4.926 min
Delta R.T.: 0.024 min
Response: 1014446
Conc: 7.32 ng/ml



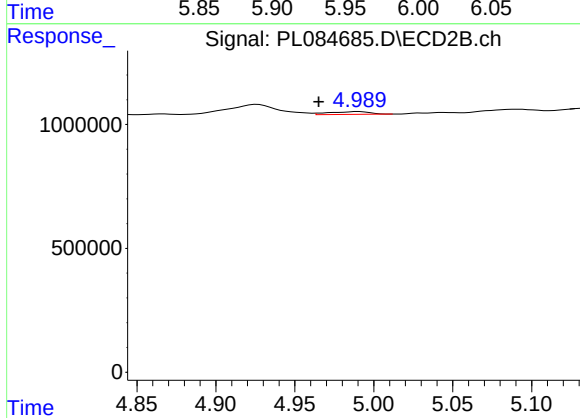
#26 Chlordane-4

R.T.: 5.952 min
Delta R.T.: -0.021 min
Response: 247439
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Manual Integrations APPROVED

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Supervised By :Ankita Jodhani 08/14/2023



#26 Chlordane-4

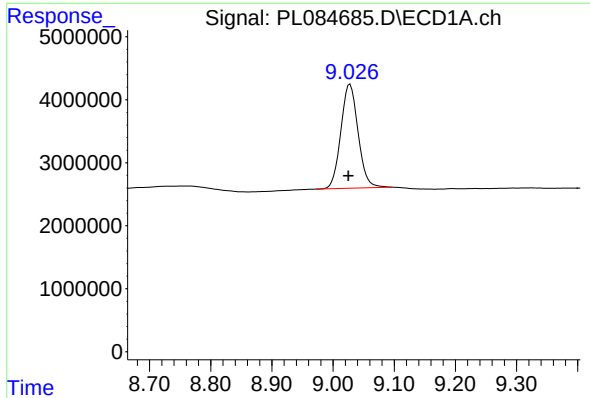
R.T.: 4.991 min
Delta R.T.: 0.025 min
Response: 197871
Conc: 1.38 ng/ml

#27 Chlordane-5

R.T.: 6.809 min
Delta R.T.: -0.015 min
Response: 1574656
Conc: 21.15 ng/ml

#27 Chlordane-5

R.T.: 5.856 min
Delta R.T.: -0.007 min
Response: 722341
Conc: 14.18 ng/ml



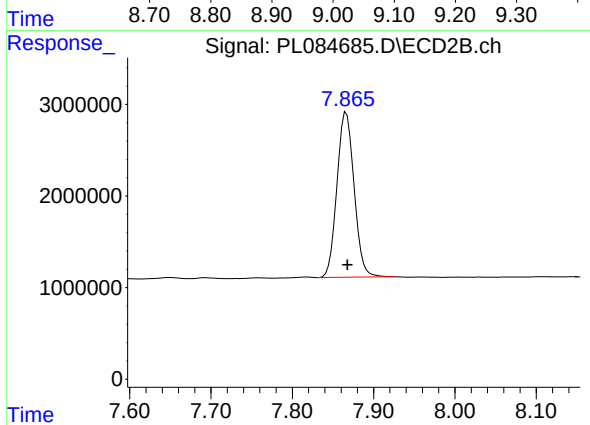
#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.003 min
Response: 32404484
Conc: 19.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.001 min
Response: 26399123
Conc: 21.17 ng/ml