

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081023\
 Data File : PL084647.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 11:09
 Operator : AR\AJ
 Sample : 03572-01
 Misc : TOX LOD 50PPB
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/11/2023
 Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 21:30:17 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...	3.478	2.687	40585267	19963939	17.467	18.359
28)	SA Decachlor...	9.029	7.868	33367354	25758381	20.507	20.660
Target Compounds							
2)	A alpha-BHC	0.000	3.189	0	47300	N.D.	0.031 #
3)	MA gamma-BHC...	0.000	3.516	0	58891	N.D.	0.039 #
5)	MB Aldrin	0.000	4.154	0	5347	N.D.	0.004 #
6)	B beta-BHC	4.484f	0.000	905441	0	0.648	N.D. #
7)	B delta-BHC	4.717	0.000	2762934	0	0.857	N.D. #
8)	B Heptachlo...	0.000	4.653	0	46440	N.D.	0.035 #
9)	A Endosulfan I	6.036f	5.019	129965	7578	0.049	0.006 #
10)	B gamma-Chl...	0.000	4.928f	0	621191	N.D.	0.458 #
11)	B alpha-Chl...	0.000	4.992f	0	97098	N.D.	0.071 #
12)	B 4,4'-DDE	0.000	5.143f	0	113920	N.D.	0.093 #
13)	MA Dieldrin	6.323f	5.281	315773	-40943	0.119	N.D. #
14)	MA Endrin	6.501f	5.543f	259429	20020	0.119	0.016 #
15)	B Endosulfa...	0.000	5.858	0	281028	N.D.	0.233 #
17)	MA 4,4'-DDT	0.000	5.970	0	32705	N.D.	0.028 #
18)	B Endrin al...	6.893f	6.052	228099	378591	0.135	0.382 #
19)	B Endosulfa...	7.106	6.260	2001276	108905	1.002	0.092 #
22)	Mirex	0.000	6.976f	0	1373134	N.D.	1.191 #
25)	Chlordane-3	0.000	4.928f	0	621191	N.D.	4.484 #
26)	Chlordane-4	0.000	4.992f	0	97098	N.D.	0.677 #
27)	Chlordane-5	0.000	5.858	0	281028	N.D.	5.518 #

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

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Data File : PL084647.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2023 11:09
Operator : AR\AJ
Sample : 03572-01
Misc : TOX LOD 50PPB
ALS Vial : 10 Sample Multiplier: 1

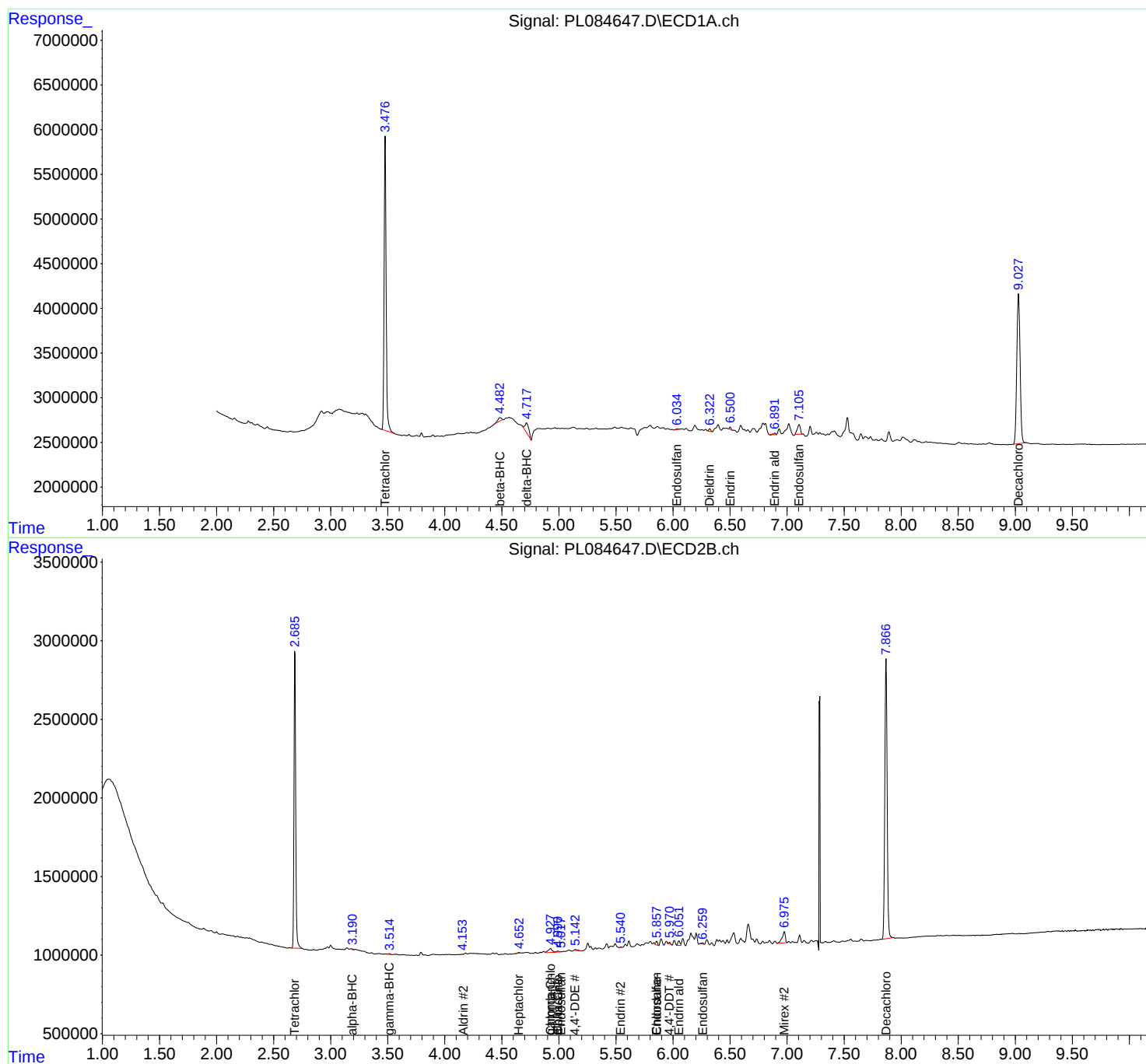
Instrument :
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ClientSampleId :
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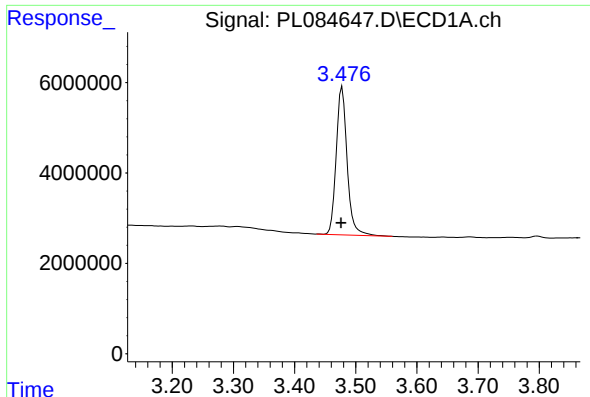
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Integration File signal 1: autoint1.e
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Quant Time: Aug 10 21:30:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 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





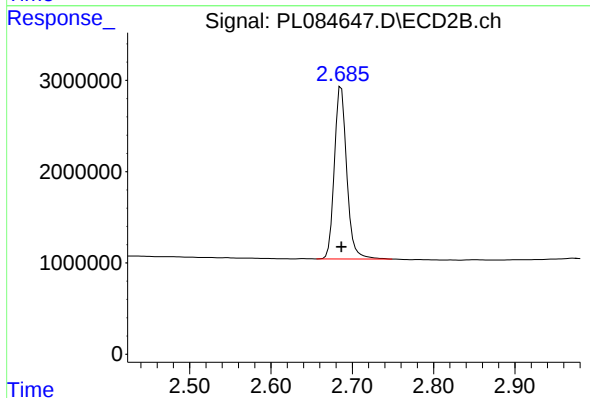
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.002 min
Response: 40585267
Conc: 17.47 ng/ml

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

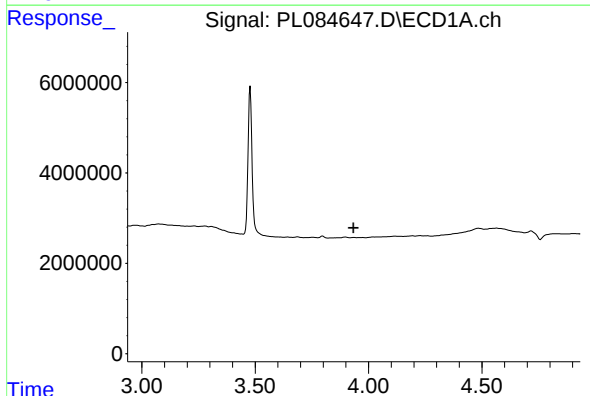
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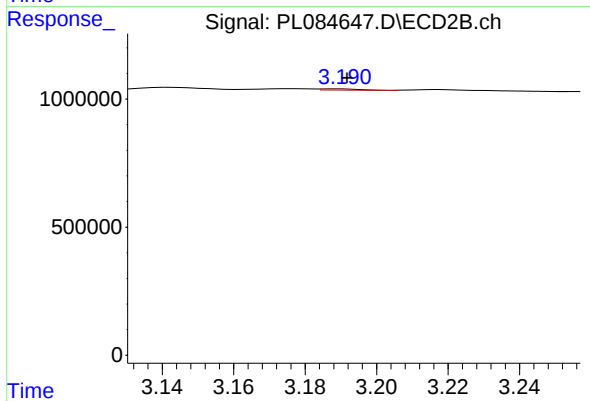
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 19963939
Conc: 18.36 ng/ml



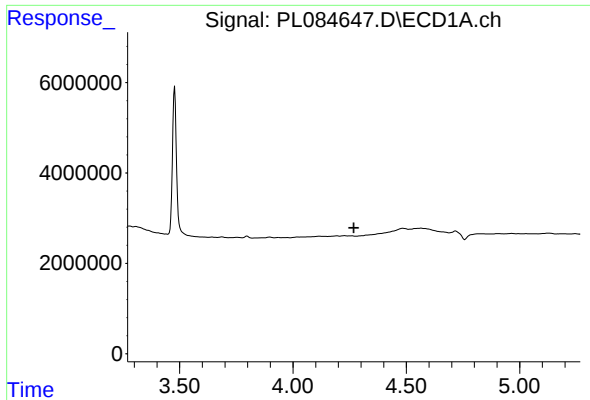
#2 alpha-BHC

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: 47300
Conc: 0.03 ng/ml



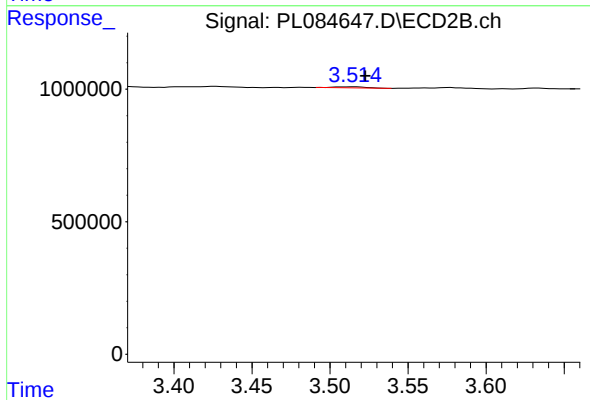
#3 gamma-BHC (Lindane)

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

Instrument :
ECD_L
ClientSampleId :
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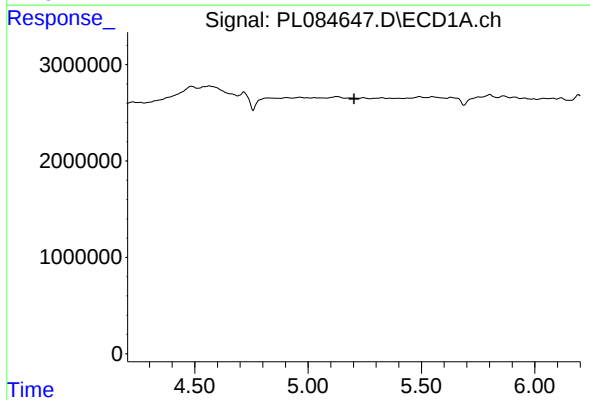
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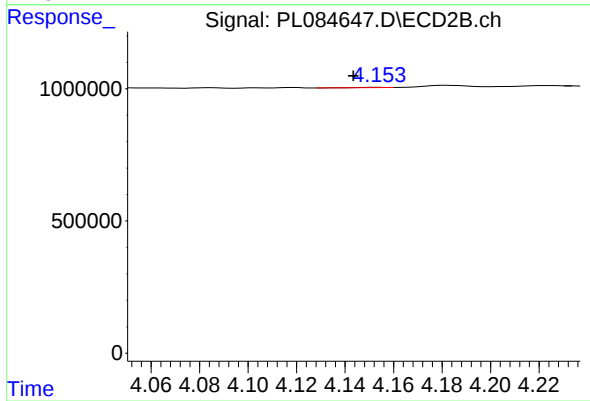
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.007 min
Response: 58891
Conc: 0.04 ng/ml



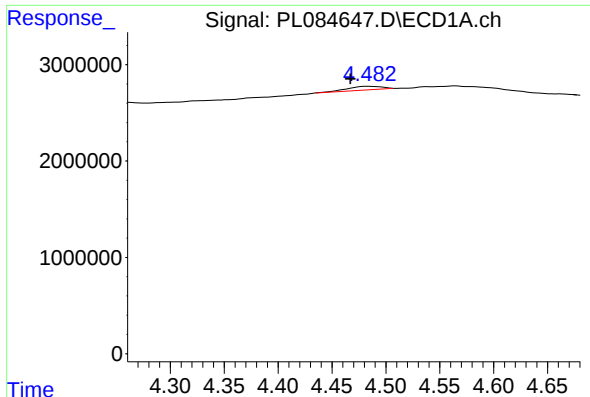
#5 Aldrin

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



#5 Aldrin

R.T.: 4.154 min
Delta R.T.: 0.011 min
Response: 5347
Conc: 0.00 ng/ml



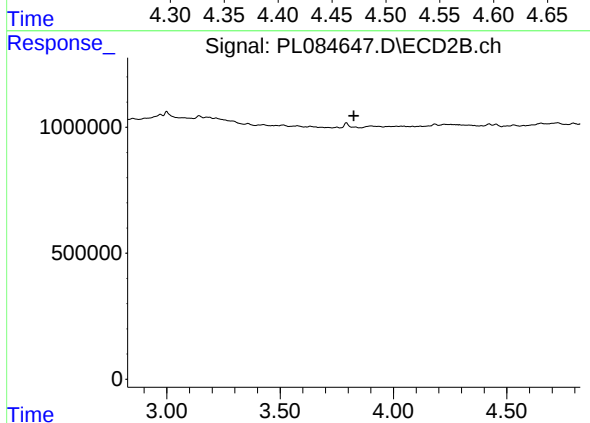
#6 beta-BHC

R.T.: 4.484 min
Delta R.T.: 0.017 min
Response: 905441
Conc: 0.65 ng/ml

Instrument :
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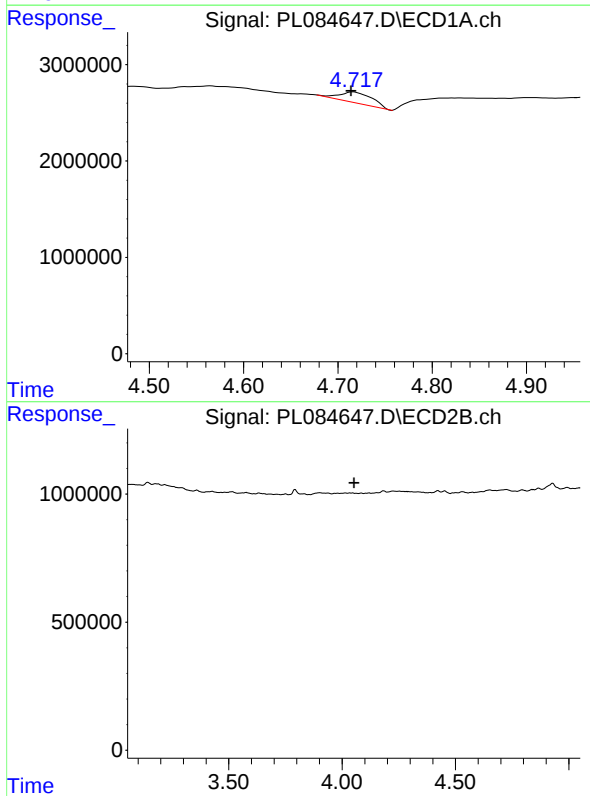


#6 beta-BHC

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

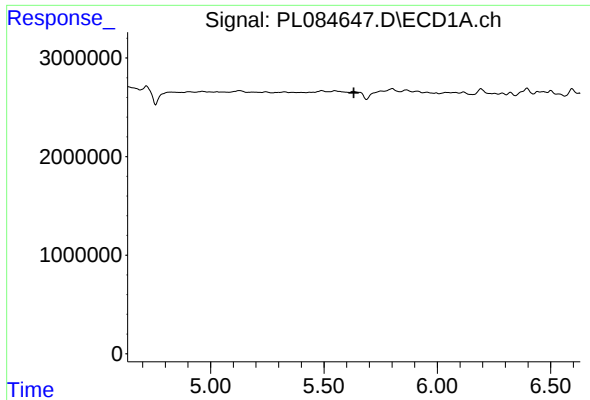
#7 delta-BHC

R.T.: 4.717 min
Delta R.T.: 0.003 min
Response: 2762934
Conc: 0.86 ng/ml



#7 delta-BHC

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



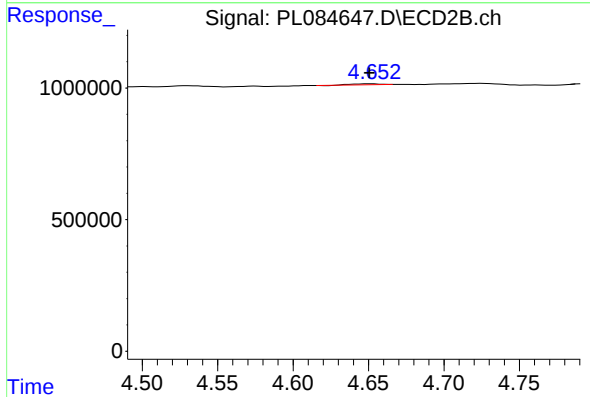
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.632 min
Response: 0
Conc: N.D.

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

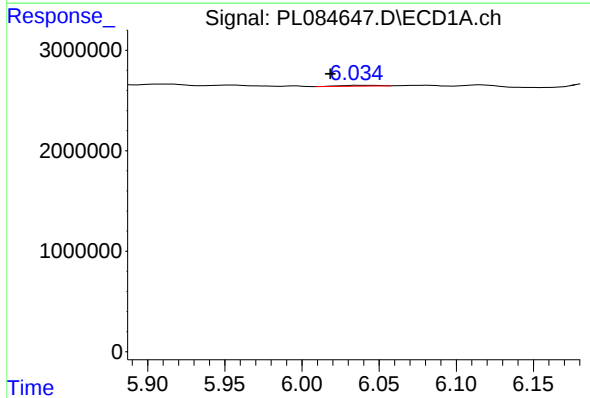
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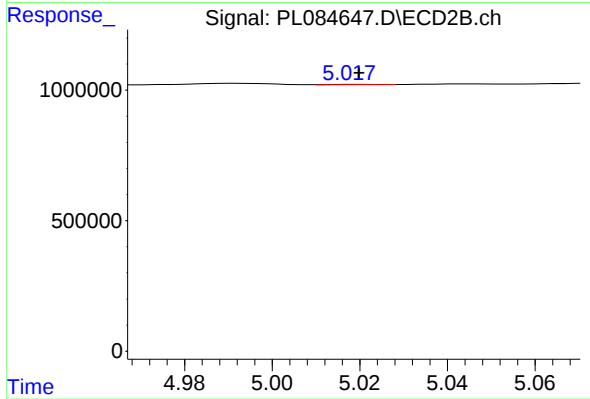
#8 Heptachlor epoxide

R.T.: 4.653 min
Delta R.T.: 0.002 min
Response: 46440
Conc: 0.04 ng/ml



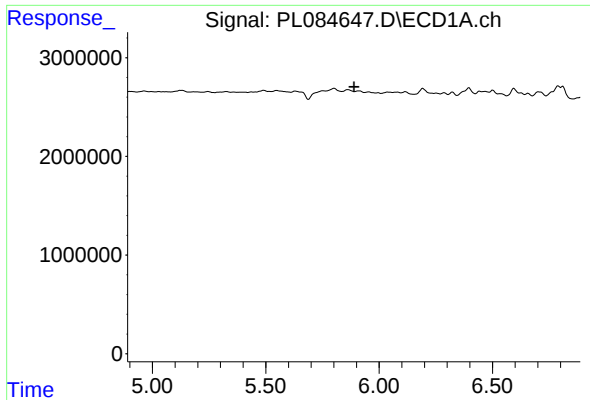
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: 0.018 min
Response: 129965
Conc: 0.05 ng/ml



#9 Endosulfan I

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 7578
Conc: 0.01 ng/ml



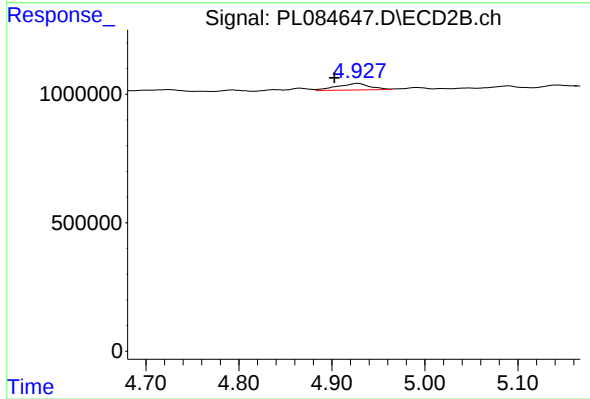
#10 gamma-Chlordane

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

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

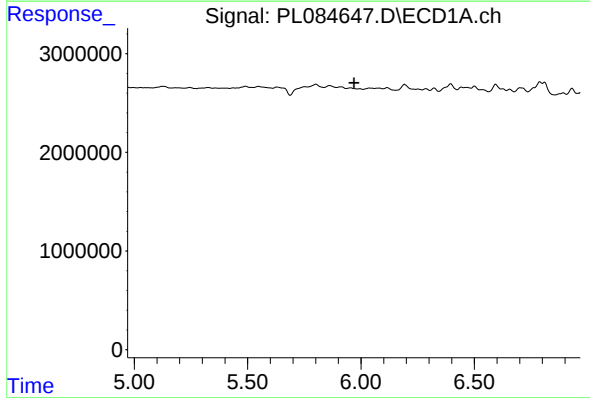
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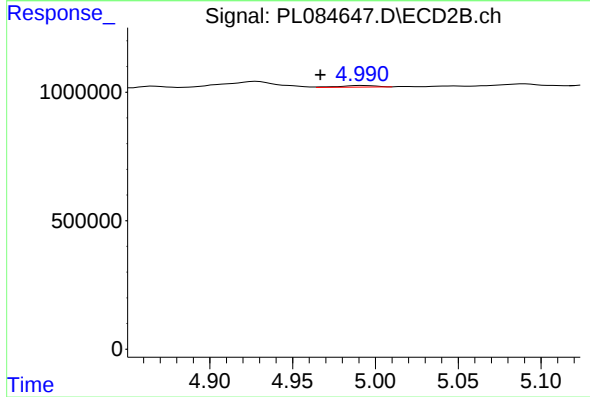
#10 gamma-Chlordane

R.T.: 4.928 min
Delta R.T.: 0.026 min
Response: 621191
Conc: 0.46 ng/ml



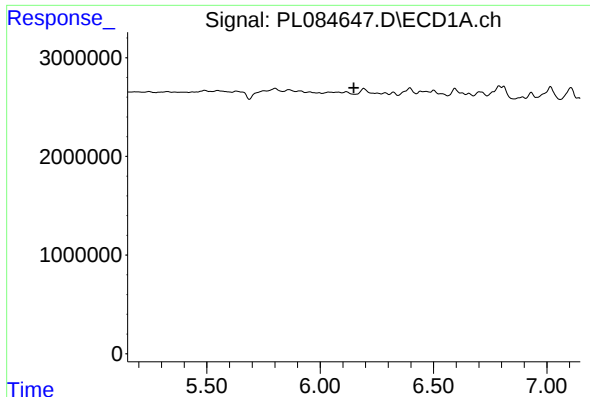
#11 alpha-Chlordane

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



#11 alpha-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.025 min
Response: 97098
Conc: 0.07 ng/ml



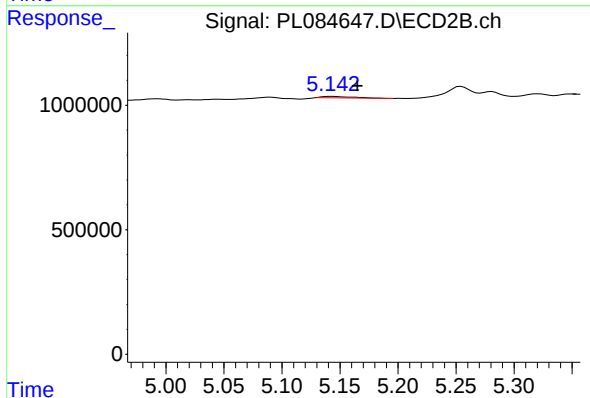
#12 4,4'-DDE

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

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

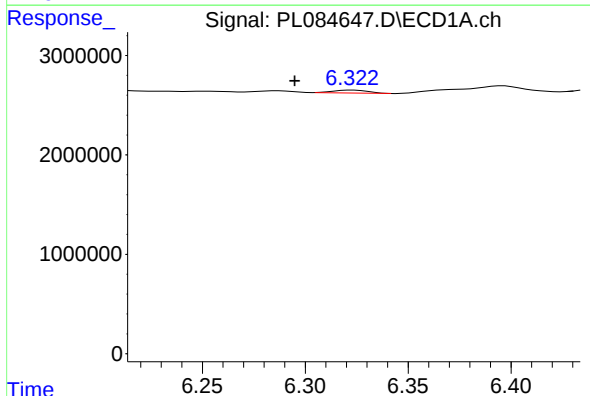
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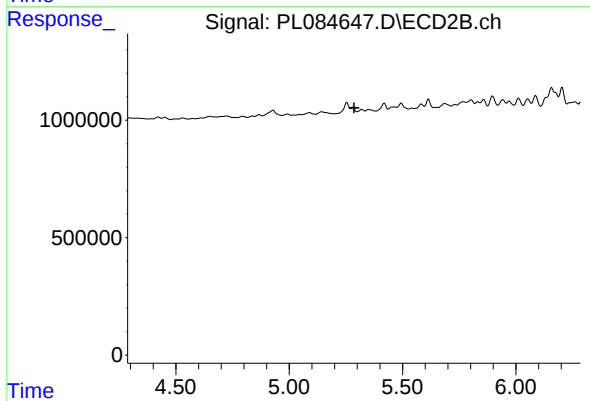
#12 4,4'-DDE

R.T.: 5.143 min
Delta R.T.: -0.022 min
Response: 113920
Conc: 0.09 ng/ml



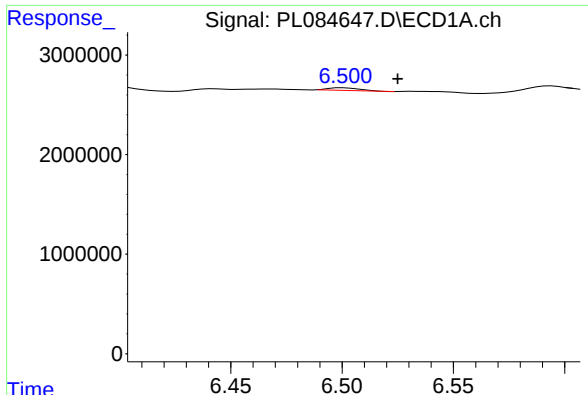
#13 Dieldrin

R.T.: 6.323 min
Delta R.T.: 0.028 min
Response: 315773
Conc: 0.12 ng/ml



#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.006 min
Response: -40943
Conc: N.D.



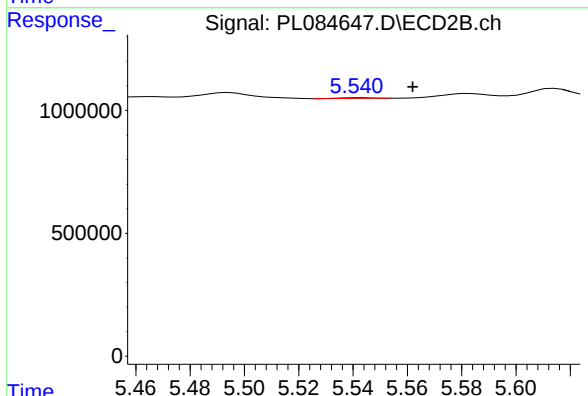
#14 Endrin

R.T.: 6.501 min
Delta R.T.: -0.024 min
Response: 259429
Conc: 0.12 ng/ml

Instrument :
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#14 Endrin

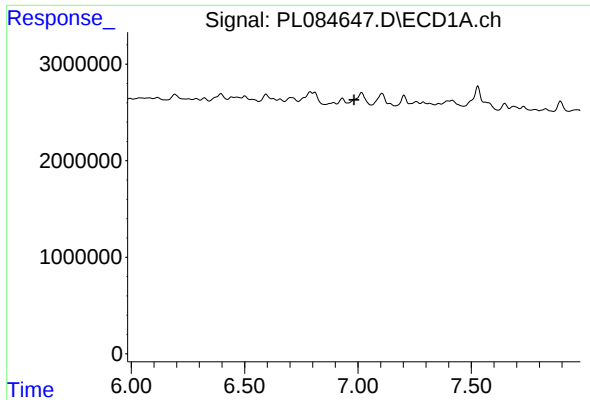
R.T.: 5.543 min
Delta R.T.: -0.019 min
Response: 20020
Conc: 0.02 ng/ml

#15 Endosulfan II

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

#15 Endosulfan II

R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 281028
Conc: 0.23 ng/ml



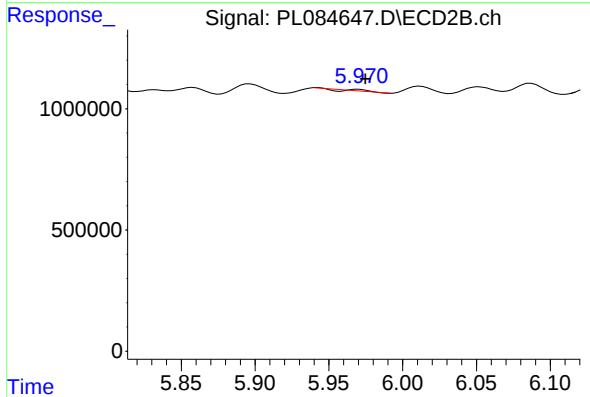
#17 4,4'-DDT

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

Instrument :
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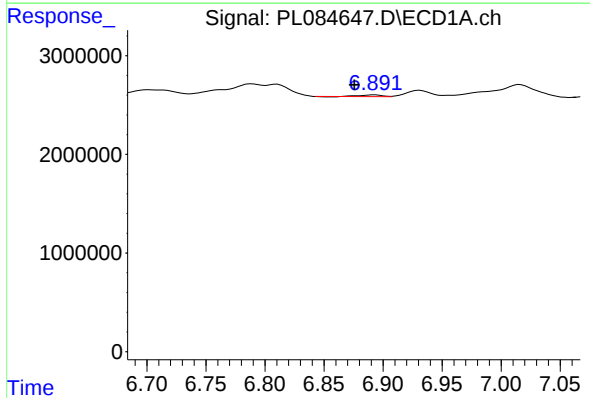
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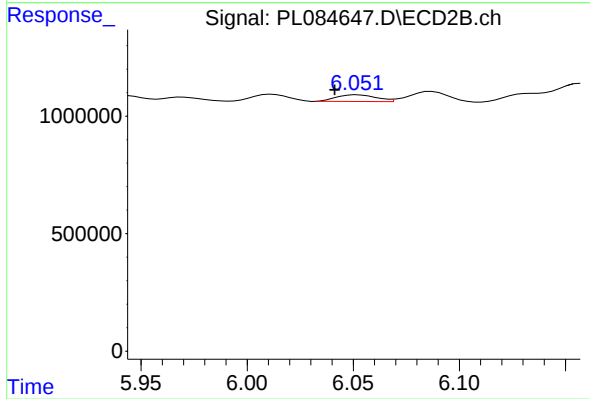
#17 4,4'-DDT

R.T.: 5.970 min
Delta R.T.: -0.005 min
Response: 32705
Conc: 0.03 ng/ml



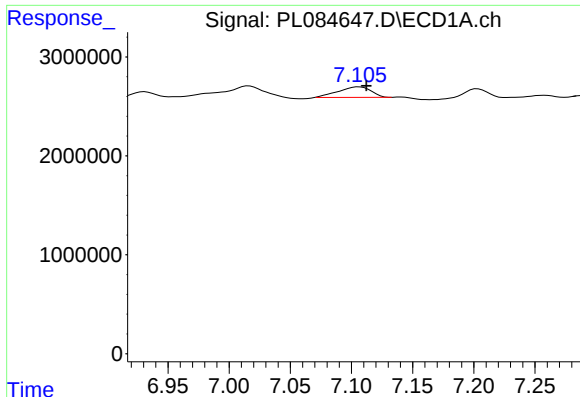
#18 Endrin aldehyde

R.T.: 6.893 min
Delta R.T.: 0.017 min
Response: 228099
Conc: 0.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.052 min
Delta R.T.: 0.011 min
Response: 378591
Conc: 0.38 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.006 min
Response: 2001276
Conc: 1.00 ng/ml

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#19 Endosulfan Sulfate

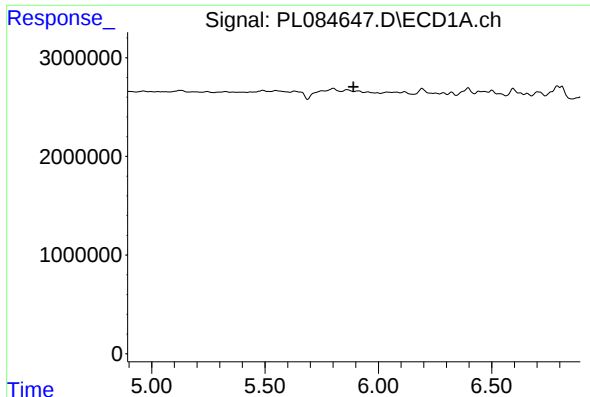
R.T.: 6.260 min
Delta R.T.: -0.006 min
Response: 108905
Conc: 0.09 ng/ml

#22 Mirex

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

#22 Mirex

R.T.: 6.976 min
Delta R.T.: 0.024 min
Response: 1373134
Conc: 1.19 ng/ml



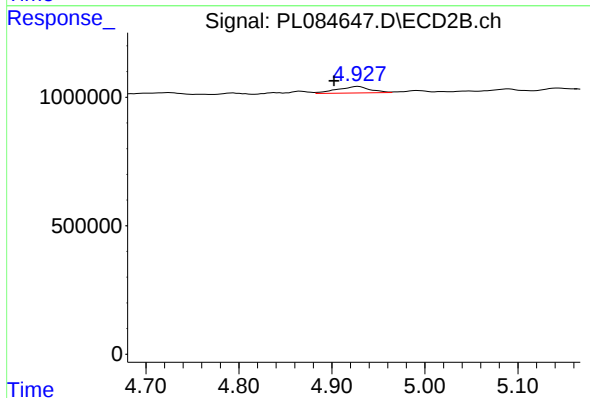
#25 Chlordane-3

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

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

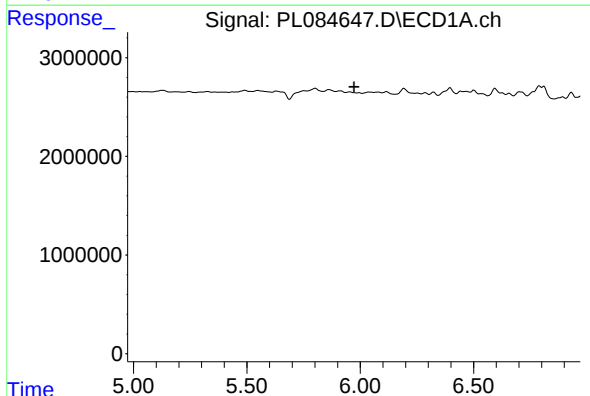
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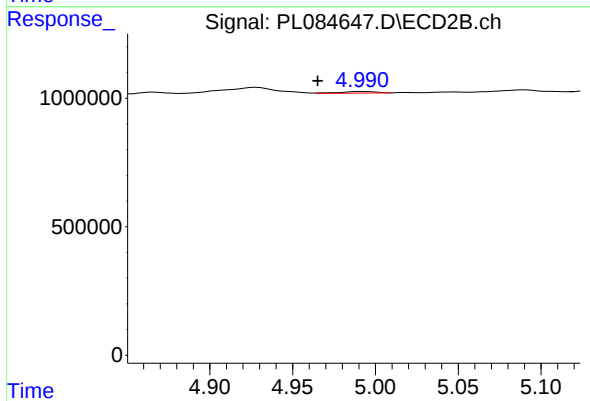
#25 Chlordane-3

R.T.: 4.928 min
Delta R.T.: 0.026 min
Response: 621191
Conc: 4.48 ng/ml



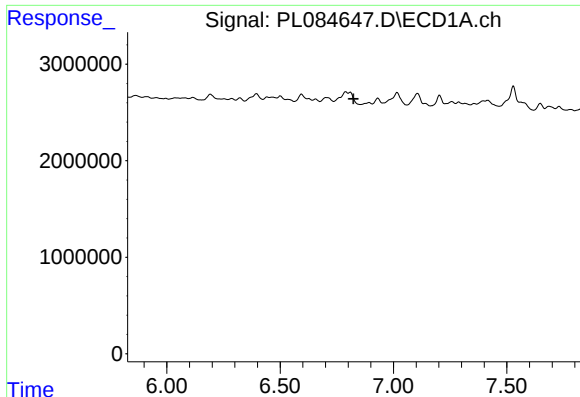
#26 Chlordane-4

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



#26 Chlordane-4

R.T.: 4.992 min
Delta R.T.: 0.027 min
Response: 97098
Conc: 0.68 ng/ml



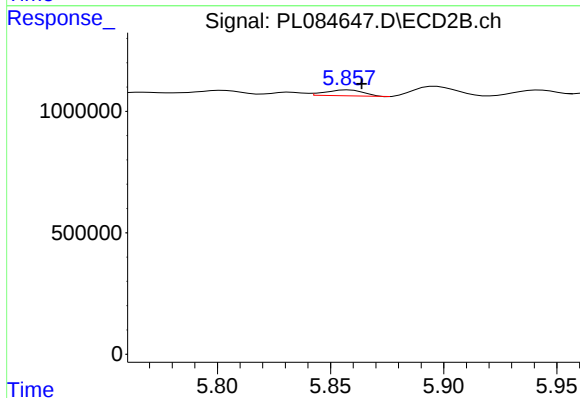
#27 Chlordane-5

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

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

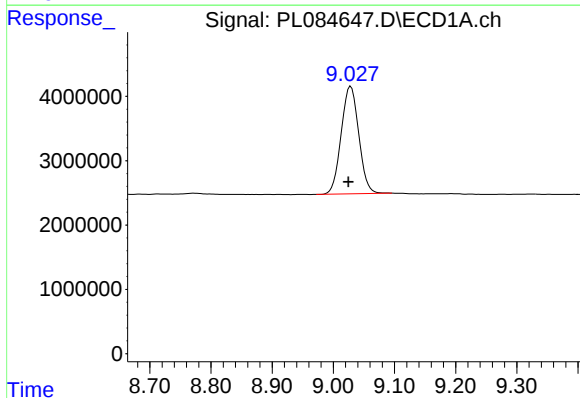
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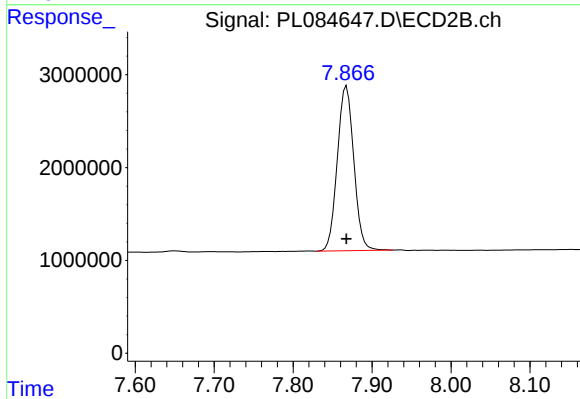
#27 Chlordane-5

R.T.: 5.858 min
Delta R.T.: -0.006 min
Response: 281028
Conc: 5.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.004 min
Response: 33367354
Conc: 20.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 25758381
Conc: 20.66 ng/ml