

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
 Data File : PL084599.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 09:15
 Operator : AR\AJ
 Sample : 03572-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 7 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 09 21:50:21 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	2.686	40034871	18963065	17.231	17.439
28)	SA Decachlor...	9.029	7.868	32111826	24109258	19.736	19.337
Target Compounds							
2)	A alpha-BHC	3.935	3.190	6454487	2992389	1.955	1.938
3)	MA gamma-BHC...	4.269	3.521	6706333	3140722	2.102	2.067
4)	MA Heptachlor	4.860	3.861	8224750	3059301	2.446m	2.148m
5)	MB Aldrin	5.204	4.142	7523798	3089193	2.276	2.125
6)	B beta-BHC	4.469	3.821	3718391	1568460	2.662	2.341m
7)	B delta-BHC	4.715	4.051	8711975	3044007	2.702m	2.005 #
8)	B Heptachlo...	5.633	4.649	7709500	3119848	2.559m	2.351
9)	A Endosulfan I	6.019	5.019	5978793	2926442	2.271m	2.361
10)	B gamma-Chl...	5.891	4.902	7061784	3235030	2.466	2.385
11)	B alpha-Chl...	5.971	4.966	6997728	3251453	2.479	2.386
12)	B 4,4'-DDE	6.150	5.163	5321458	2657446	2.318	2.158
13)	MA Dieldrin	6.297	5.286	6278583	2997846	2.376	2.208
14)	MA Endrin	6.526	5.561	4930973	2795164	2.261	2.285
15)	B Endosulfa...	6.748	5.858	5281718	2897479	2.497	2.401
16)	A 4,4'-DDD	6.669	5.721	3957841	2280195	2.361	2.207
17)	MA 4,4'-DDT	6.984	5.974	4485432	2412767	2.394	2.079
18)	B Endrin al...	6.879	6.040	4571841	2526239	2.710	2.547
19)	B Endosulfa...	7.114	6.265	5337929	2953941	2.672	2.484
20)	A Methoxychlor	7.466	6.558	2258894	1555152	2.354	2.267
21)	B Endrin ke...	7.598	6.770	5257510	3467400	2.628	2.403
22)	Mirex	8.074	6.951	4652222	3058487	2.801	2.652

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
Data File : PL084599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 09:15
Operator : AR\AJ
Sample : 03572-01
Misc : PEST LOD 2.5PPB
ALS Vial : 7 Sample Multiplier: 1

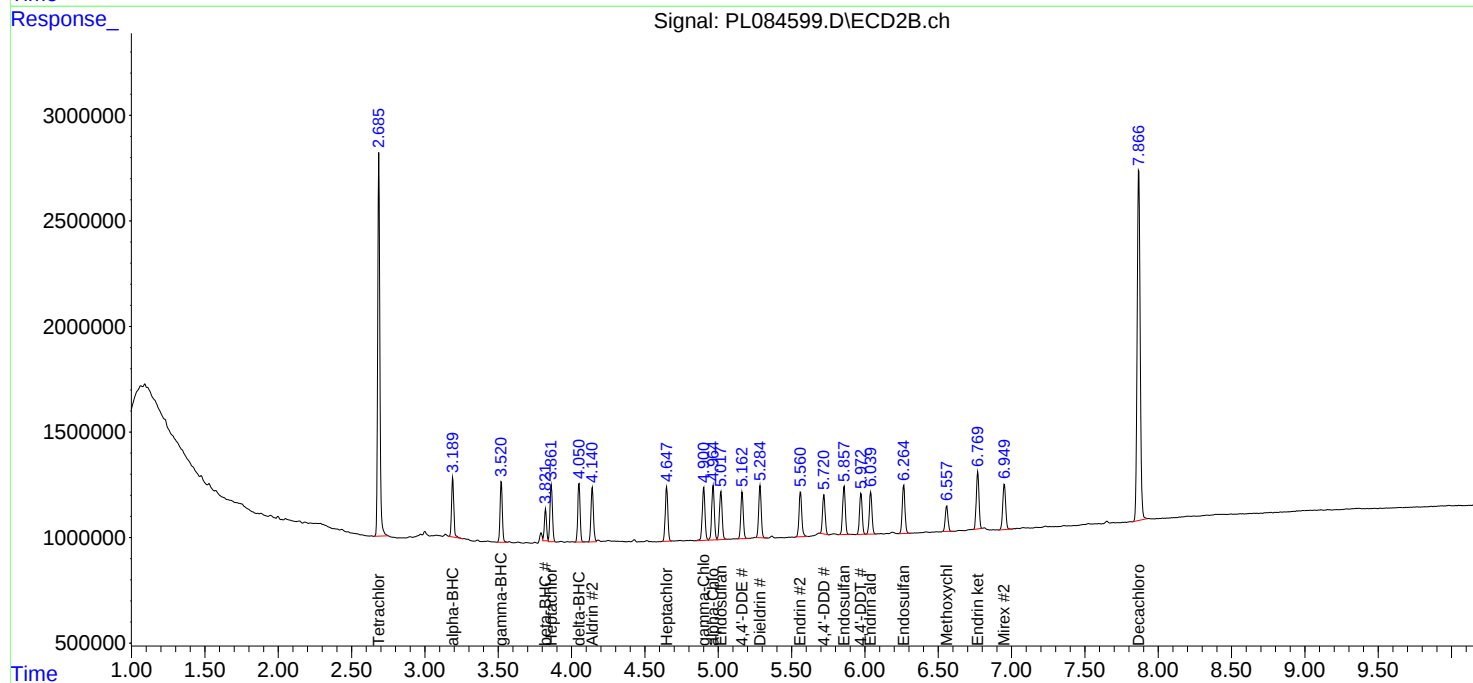
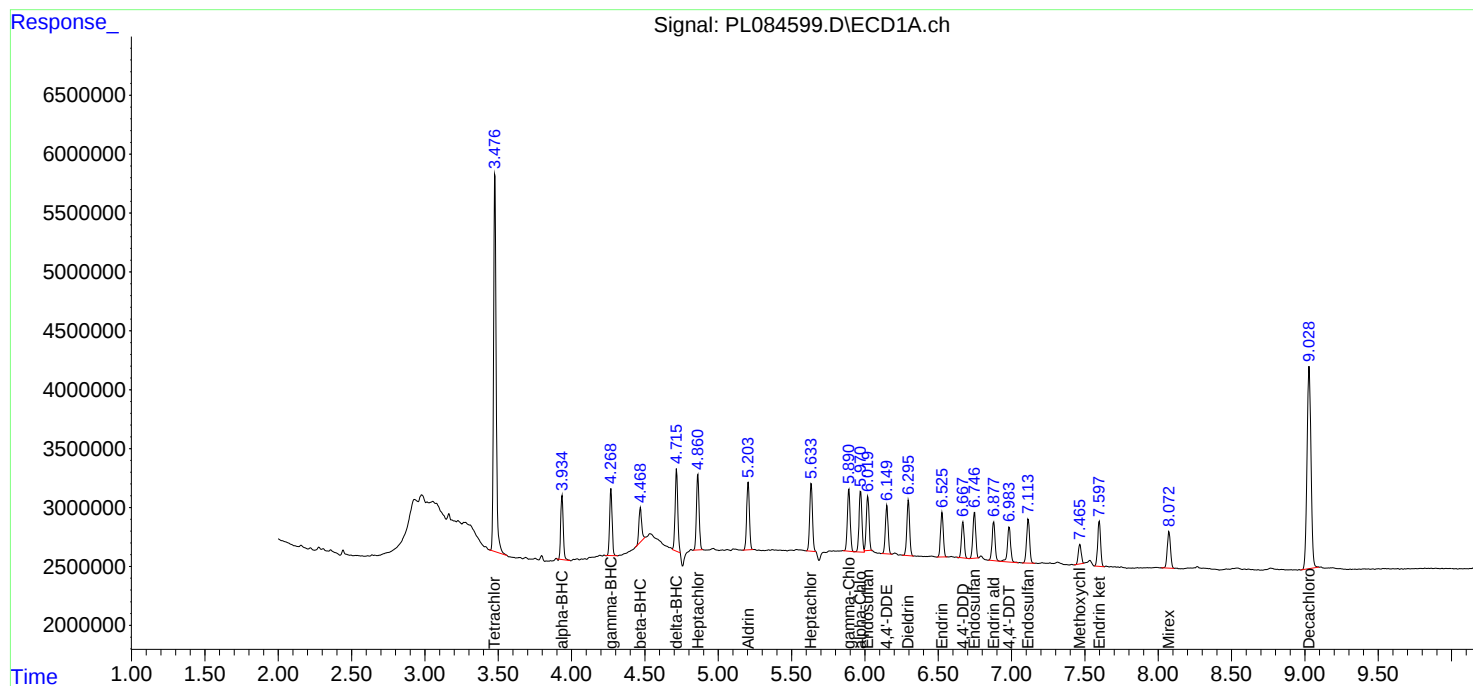
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

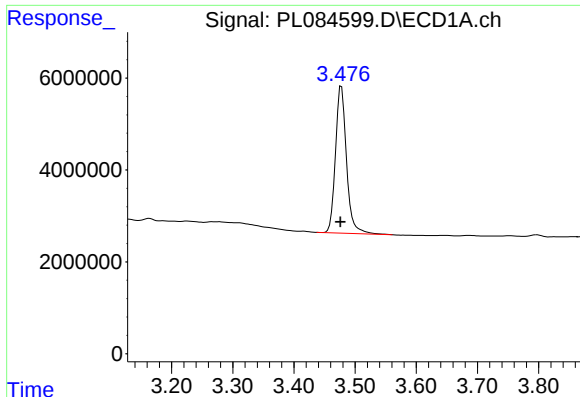
Manual Integrations
APPROVED

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 09 21:50:21 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





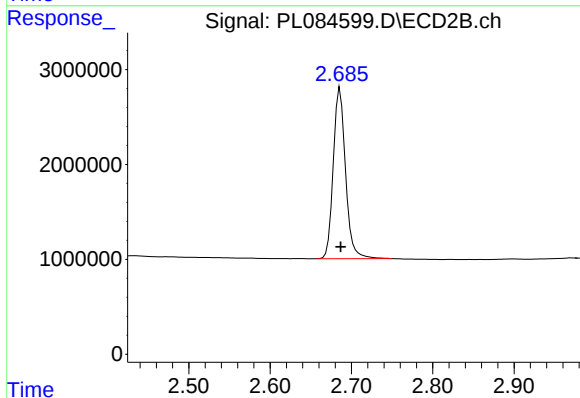
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.002 min
Response: 40034871
Conc: 17.23 ng/ml

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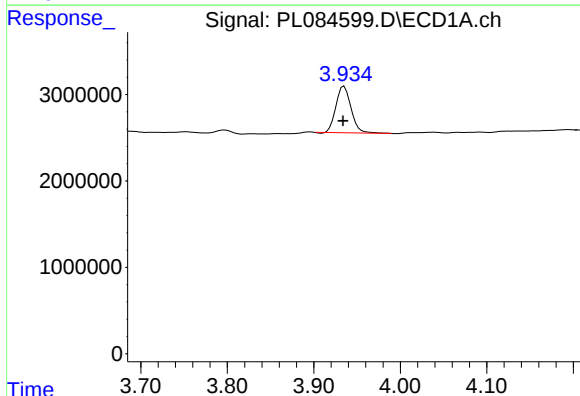
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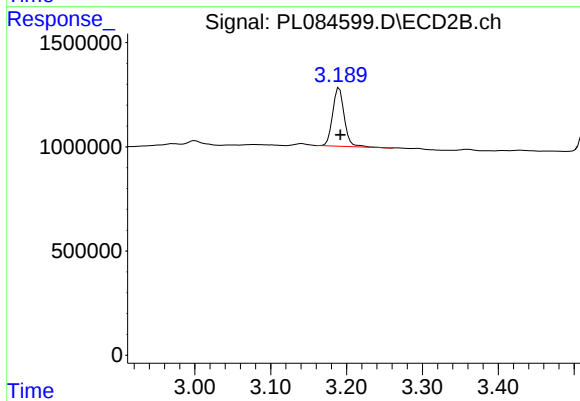
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: 0.000 min
Response: 18963065
Conc: 17.44 ng/ml



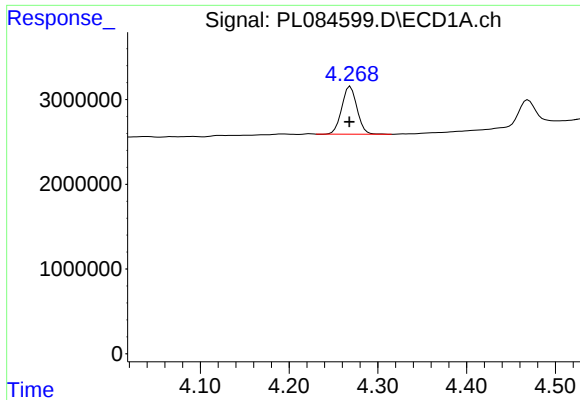
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 6454487
Conc: 1.96 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 2992389
Conc: 1.94 ng/ml



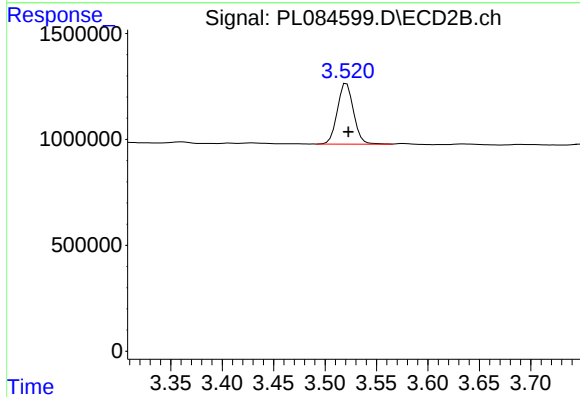
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 6706333
Conc: 2.10 ng/ml

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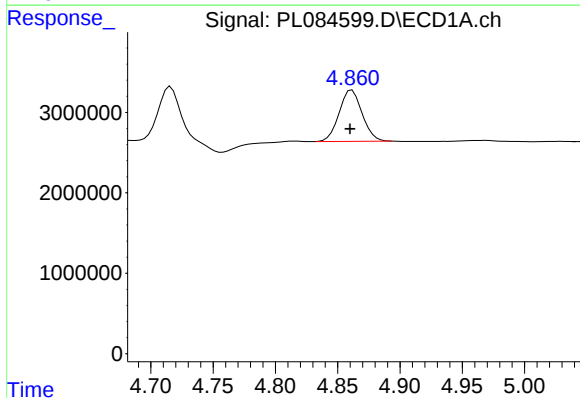
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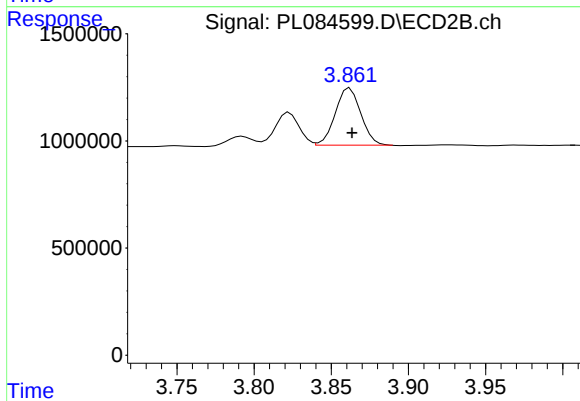
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 3140722
Conc: 2.07 ng/ml



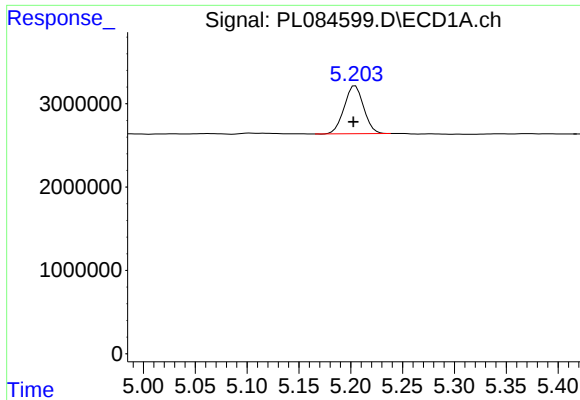
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 8224750
Conc: 2.45 ng/ml m



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.003 min
Response: 3059301
Conc: 2.15 ng/ml m



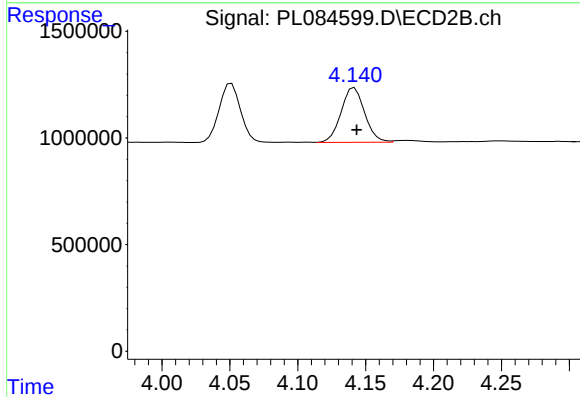
#5 Aldrin

R.T.: 5.204 min
Delta R.T.: 0.002 min
Response: 7523798
Conc: 2.28 ng/ml

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

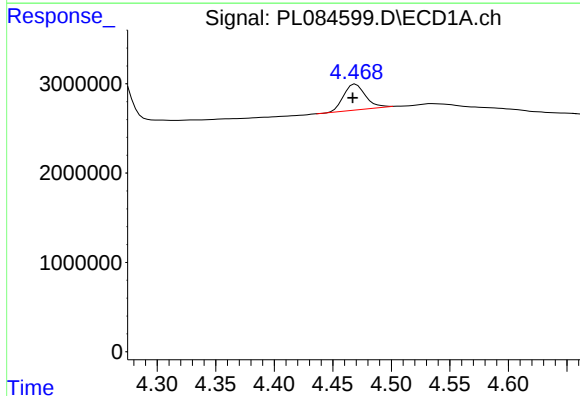
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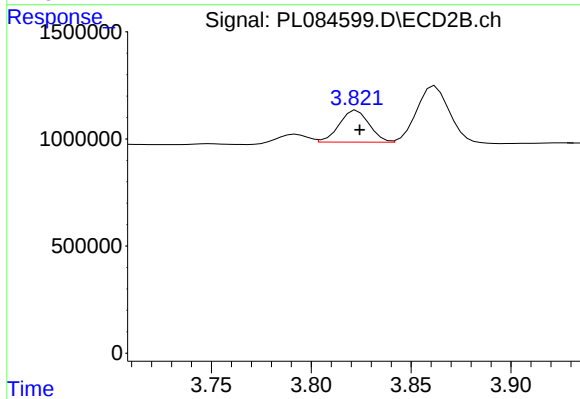
#5 Aldrin

R.T.: 4.142 min
Delta R.T.: -0.002 min
Response: 3089193
Conc: 2.13 ng/ml



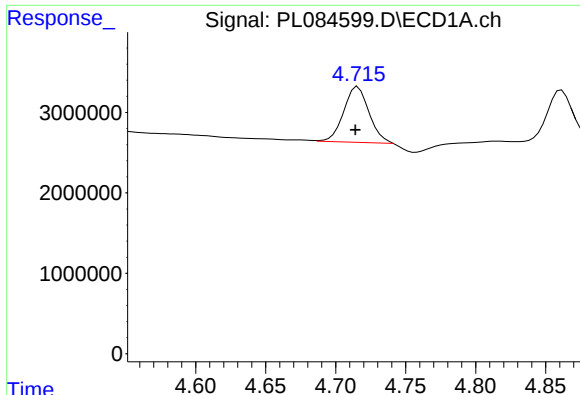
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 3718391
Conc: 2.66 ng/ml



#6 beta-BHC

R.T.: 3.821 min
Delta R.T.: -0.003 min
Response: 1568460
Conc: 2.34 ng/ml m



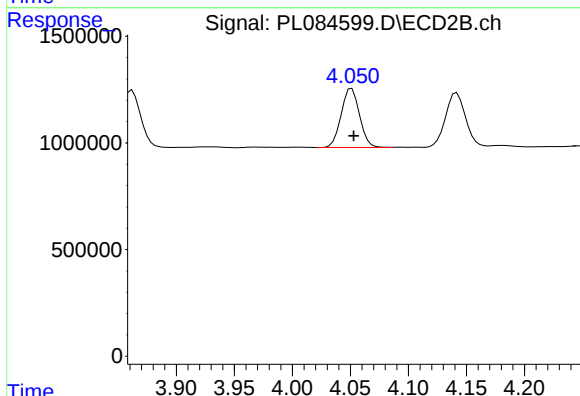
#7 delta-BHC

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 8711975
Conc: 2.70 ng/ml

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

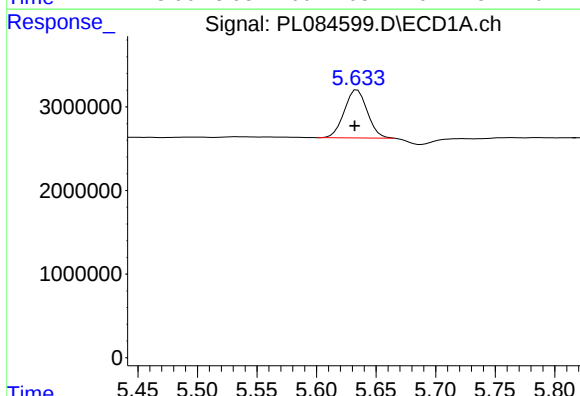
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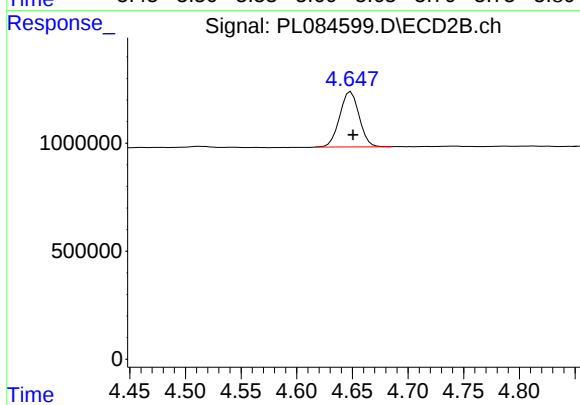
#7 delta-BHC

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 3044007
Conc: 2.00 ng/ml



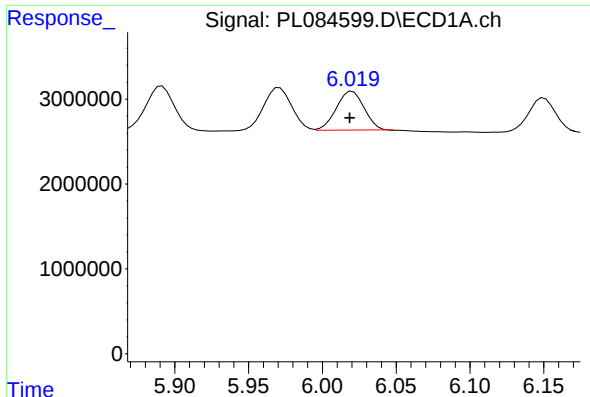
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 7709500
Conc: 2.56 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 3119848
Conc: 2.35 ng/ml



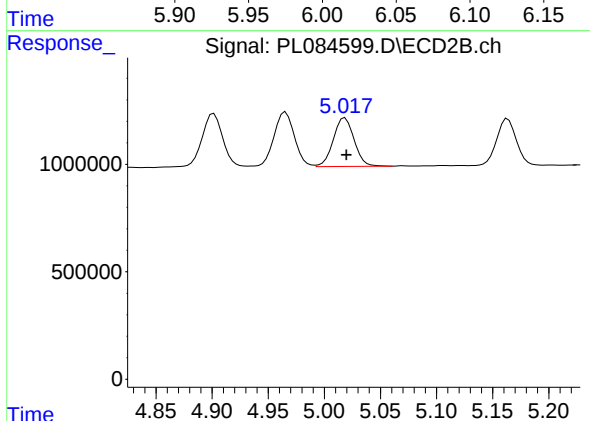
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 5978793
Conc: 2.27 ng/ml

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

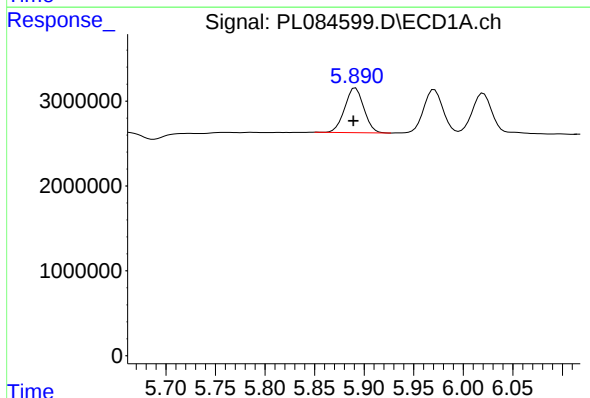
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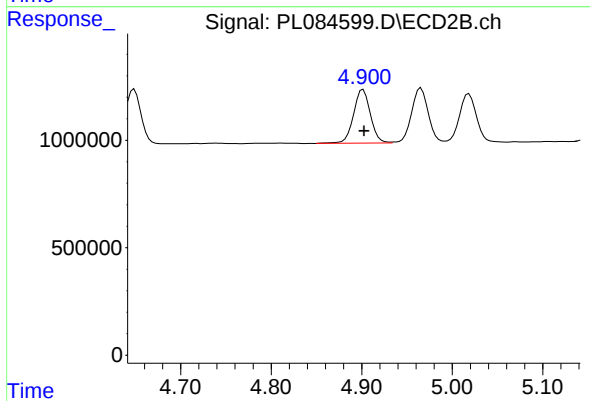
#9 Endosulfan I

R.T.: 5.019 min
Delta R.T.: -0.001 min
Response: 2926442
Conc: 2.36 ng/ml



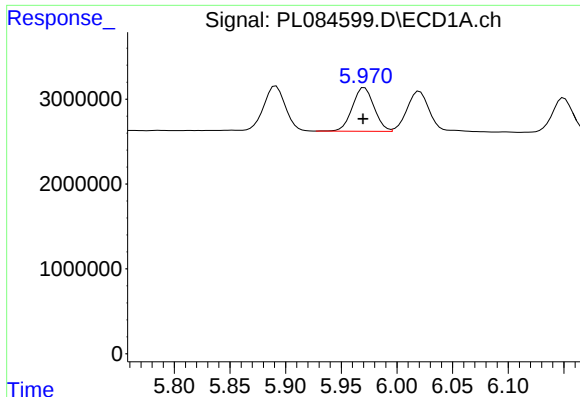
#10 gamma-Chlordane

R.T.: 5.891 min
Delta R.T.: 0.002 min
Response: 7061784
Conc: 2.47 ng/ml



#10 gamma-Chlordane

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 3235030
Conc: 2.39 ng/ml



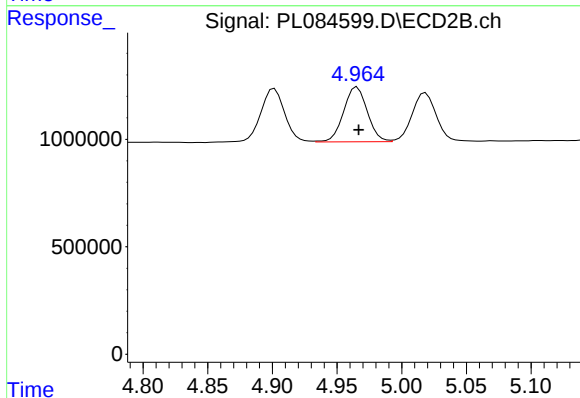
#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.001 min
Response: 6997728
Conc: 2.48 ng/ml

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

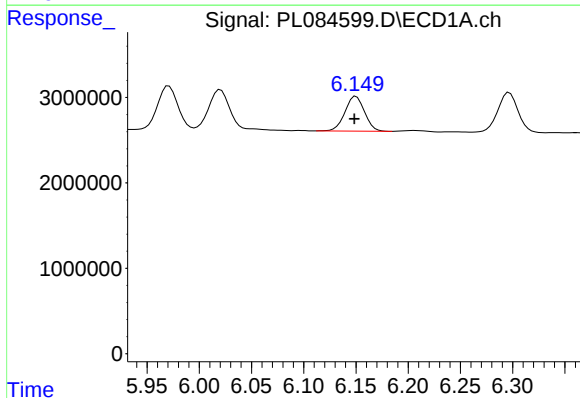
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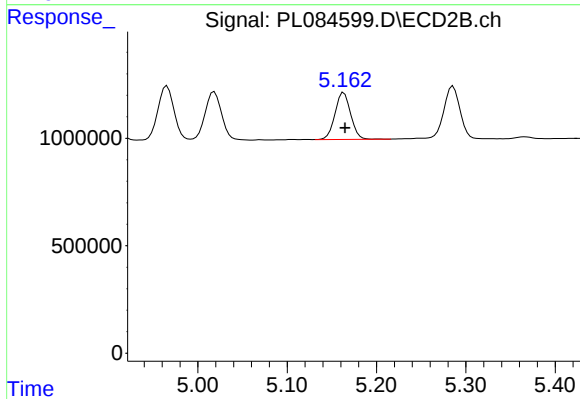
#11 alpha-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.001 min
Response: 3251453
Conc: 2.39 ng/ml



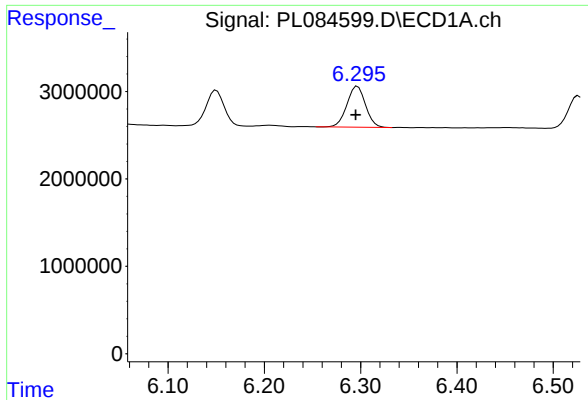
#12 4,4'-DDE

R.T.: 6.150 min
Delta R.T.: 0.002 min
Response: 5321458
Conc: 2.32 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 2657446
Conc: 2.16 ng/ml



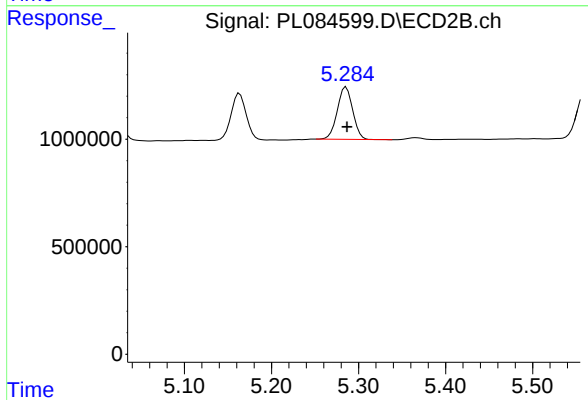
#13 Dieldrin

R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 6278583
Conc: 2.38 ng/ml

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

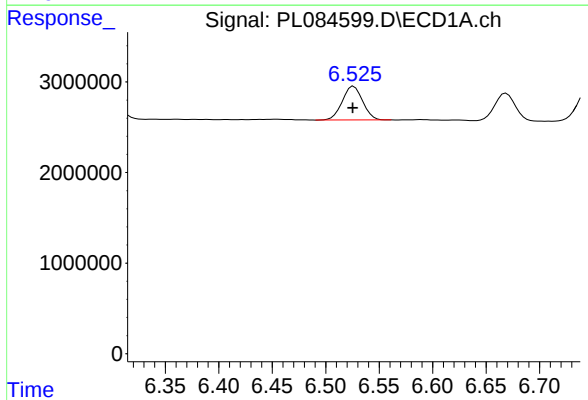
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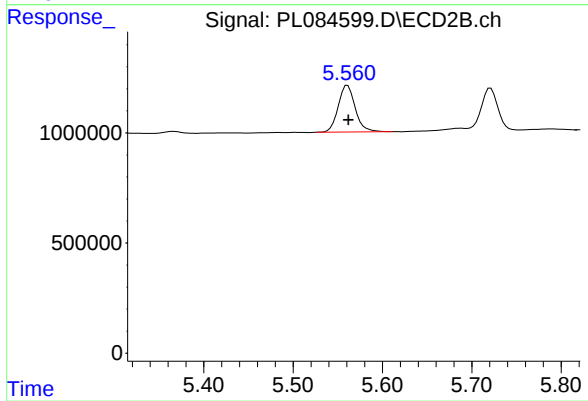
#13 Dieldrin

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 2997846
Conc: 2.21 ng/ml



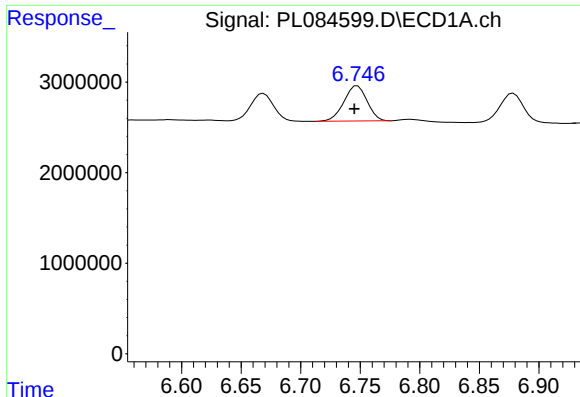
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.001 min
Response: 4930973
Conc: 2.26 ng/ml



#14 Endrin

R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 2795164
Conc: 2.29 ng/ml



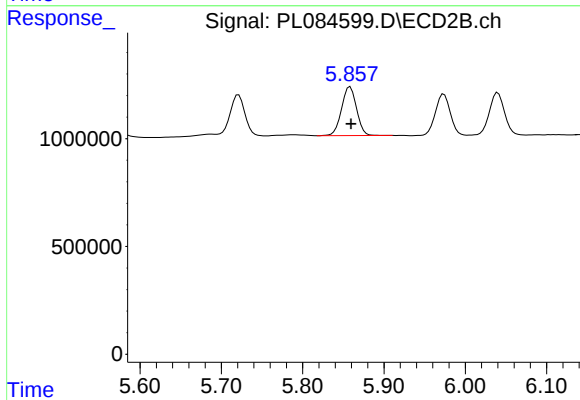
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 5281718
Conc: 2.50 ng/ml

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

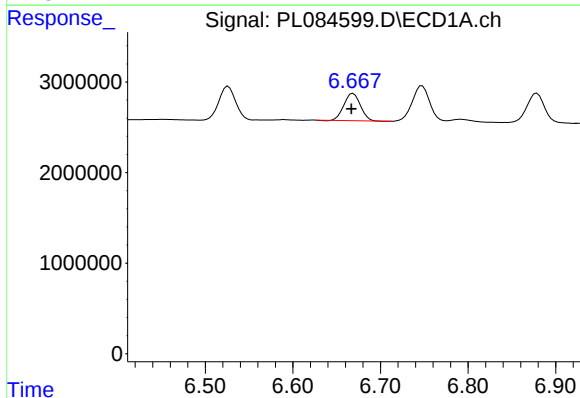
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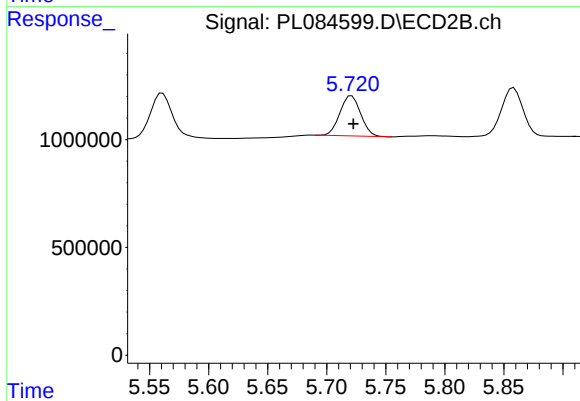
#15 Endosulfan II

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 2897479
Conc: 2.40 ng/ml



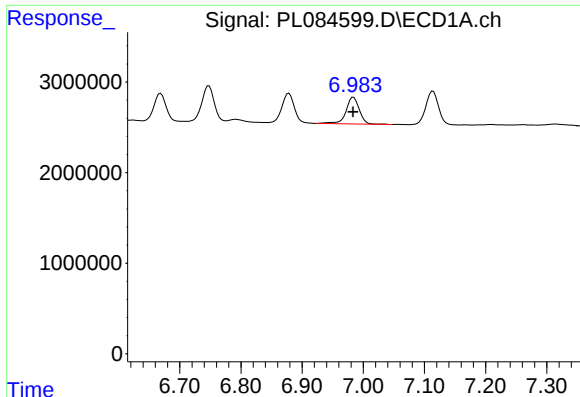
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 3957841
Conc: 2.36 ng/ml



#16 4,4'-DDD

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 2280195
Conc: 2.21 ng/ml



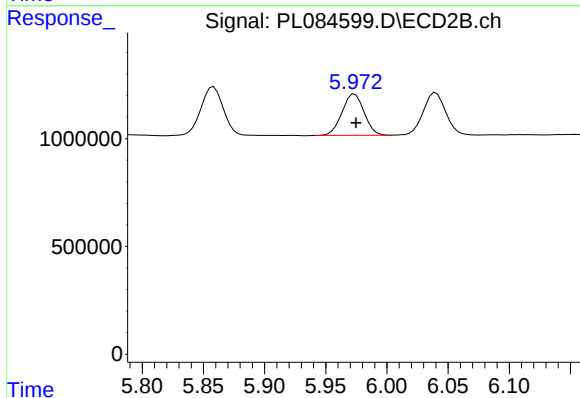
#17 4,4'-DDT

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 4485432
Conc: 2.39 ng/ml

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

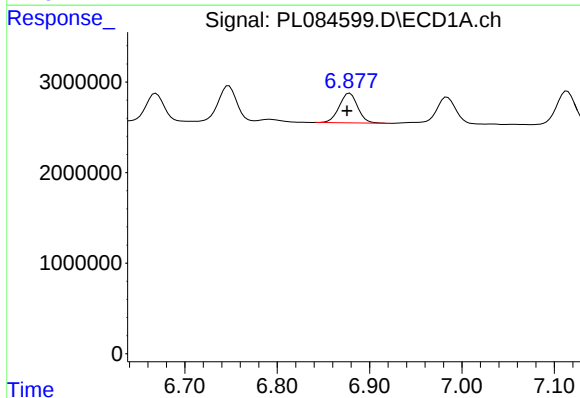
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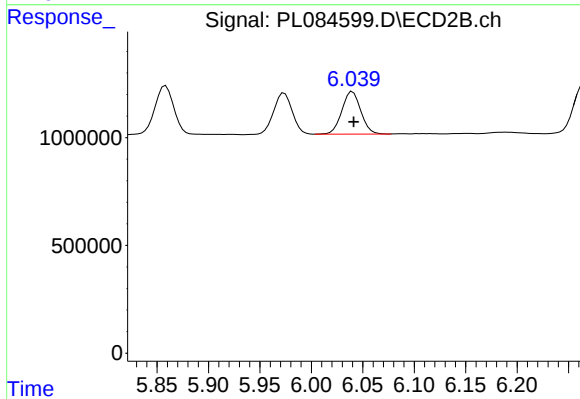
#17 4,4'-DDT

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 2412767
Conc: 2.08 ng/ml



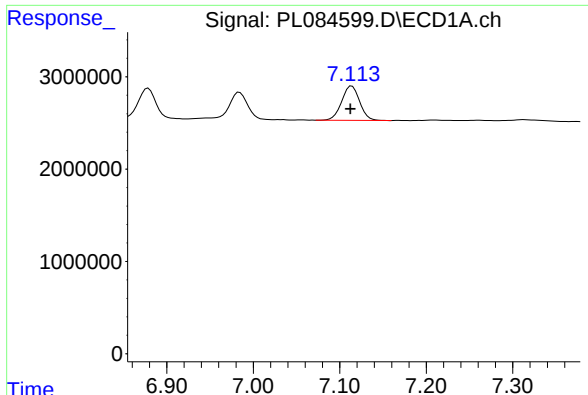
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.003 min
Response: 4571841
Conc: 2.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.001 min
Response: 2526239
Conc: 2.55 ng/ml



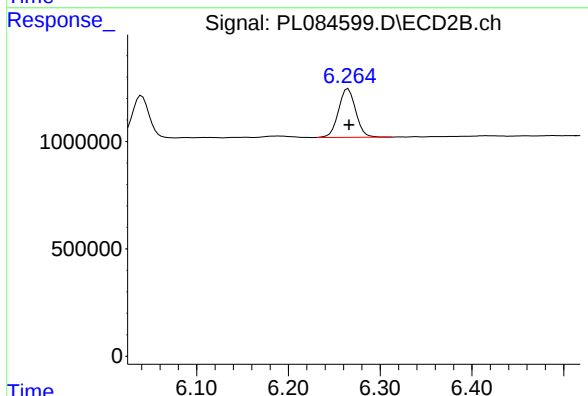
#19 Endosulfan Sulfate

R.T.: 7.114 min
Delta R.T.: 0.002 min
Response: 5337929
Conc: 2.67 ng/ml

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

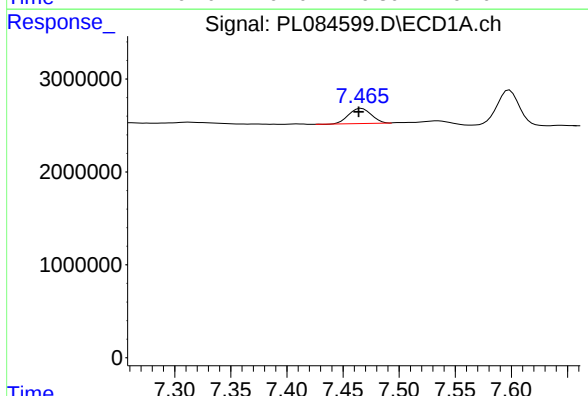
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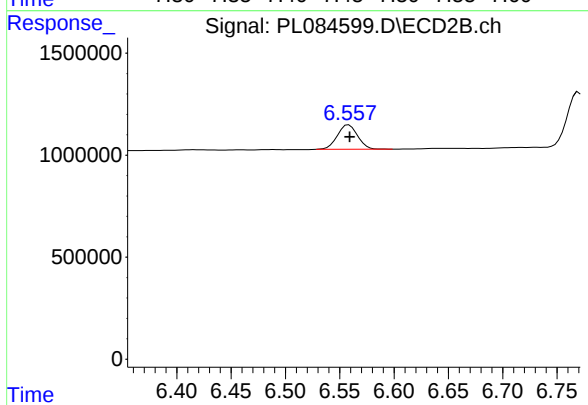
#19 Endosulfan Sulfate

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 2953941
Conc: 2.48 ng/ml



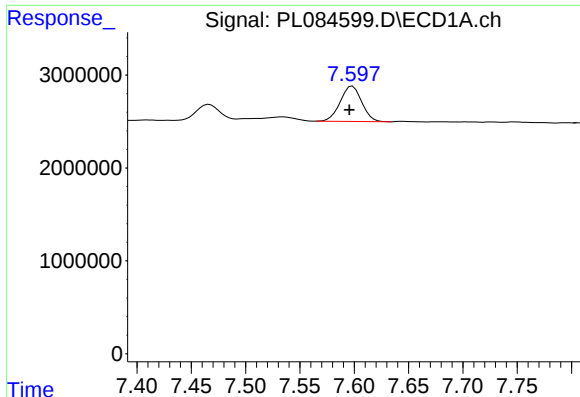
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 2258894
Conc: 2.35 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 1555152
Conc: 2.27 ng/ml



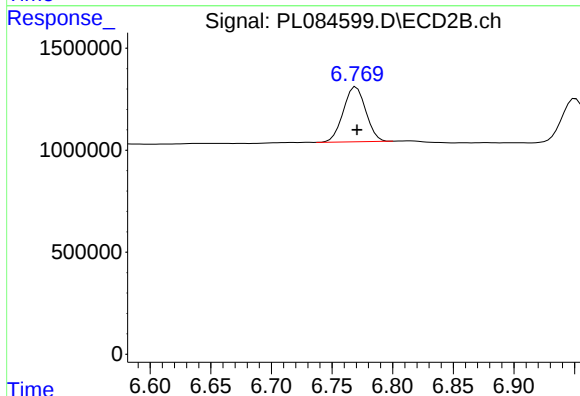
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.003 min
Response: 5257510
Conc: 2.63 ng/ml

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

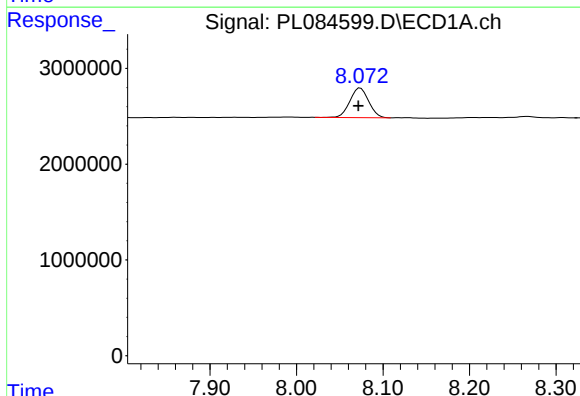
Manual Integrations
APPROVED

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



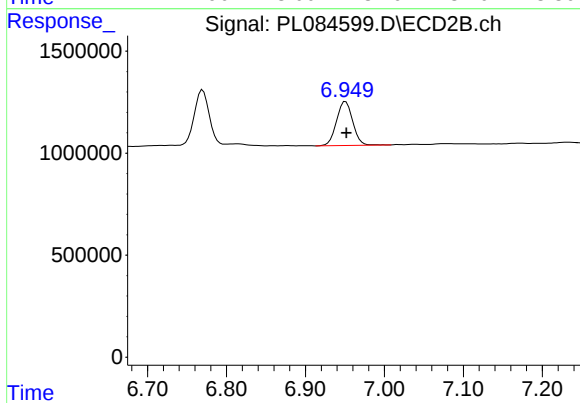
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 3467400
Conc: 2.40 ng/ml



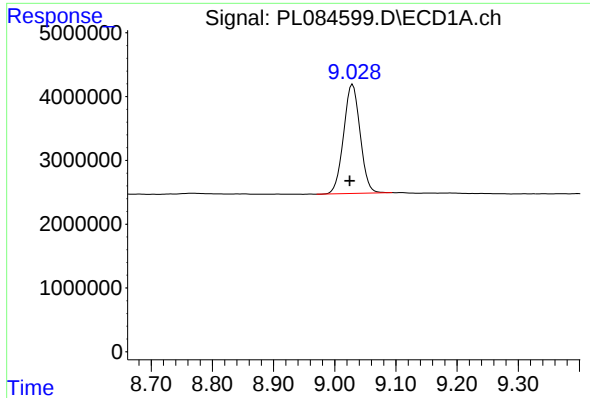
#22 Mirex

R.T.: 8.074 min
Delta R.T.: 0.002 min
Response: 4652222
Conc: 2.80 ng/ml



#22 Mirex

R.T.: 6.951 min
Delta R.T.: -0.001 min
Response: 3058487
Conc: 2.65 ng/ml



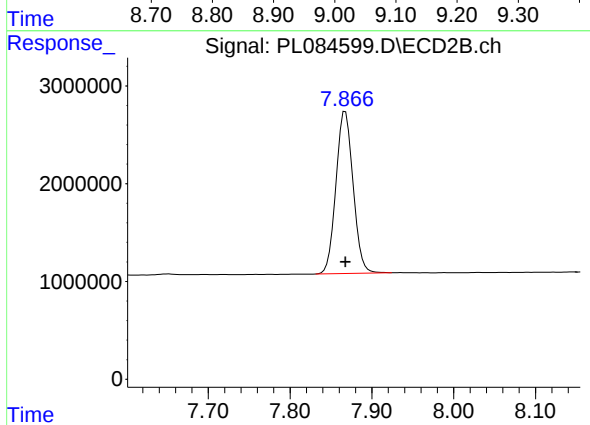
#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.004 min
Response: 32111826
Conc: 19.74 ng/ml

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

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 24109258
Conc: 19.34 ng/ml