

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040623\
 Data File : PL081874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 14:55
 Operator : AR\AJ
 Sample : 02213-01
 Misc : PEST LOD 1PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:29:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.327	2.655	42927061	38939393	18.456	19.507
28)	SA Decachlor...	8.746	7.770	33923415	40280349	18.955	20.310
Target Compounds							
2)	A alpha-BHC	3.776	3.152	2817652	2993172	0.822	1.027
3)	MA gamma-BHC...	4.104	3.480	2497131	3039138	0.786	1.092 #
4)	MA Heptachlor	4.684	3.813	2977881	2458431	0.945	0.858
5)	MB Aldrin	5.019	4.090	2728409	2595796	0.954	0.974
6)	B beta-BHC	4.305	3.778	1963147	1948804	1.304m	1.636m#
7)	B delta-BHC	4.547	4.006	5169701	2378219	1.701	0.920 #
8)	B Heptachlo...	5.446	4.592	3561798	2781190	1.309	1.145
9)	A Endosulfan I	5.827	4.959	2508256	2544984	1.015	1.153
10)	B gamma-Chl...	5.701	4.840	2798734	2883767	1.066	1.187
11)	B alpha-Chl...	5.778	4.904	2567991	2840224	0.992	1.169
12)	B 4,4'-DDE	5.956	5.094	2190943	1975291	0.972	1.003
13)	MA Dieldrin	6.100	5.223	2476632	2430457	1.023	1.080
14)	MA Endrin	6.327	5.497	1951282	2134708	0.922	1.055
15)	B Endosulfa...	6.549	5.792	2420458	2531889	1.141	1.396m
16)	A 4,4'-DDD	6.469	5.648	2349868	1636765	1.303m	1.079
17)	MA 4,4'-DDT	6.783	5.897	1484662	1632026	0.731	0.947 #
18)	B Endrin al...	6.680	5.974	2023078	1988823	1.237	1.281
19)	B Endosulfa...	6.913	6.197	2248150	2229928	1.079	1.146
20)	A Methoxychlor	7.263	6.477	946237	1068937	0.879	1.073
21)	B Endrin ke...	7.392	6.702	2359770	2460737	1.127	1.151
22)	Mirex	7.858	6.874	1864765	2404918	1.088	1.253

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040623\
Data File : PL081874.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Apr 2023 14:55
Operator : AR\AJ
Sample : 02213-01
Misc : PEST LOD 1PPB
ALS Vial : 14 Sample Multiplier: 1

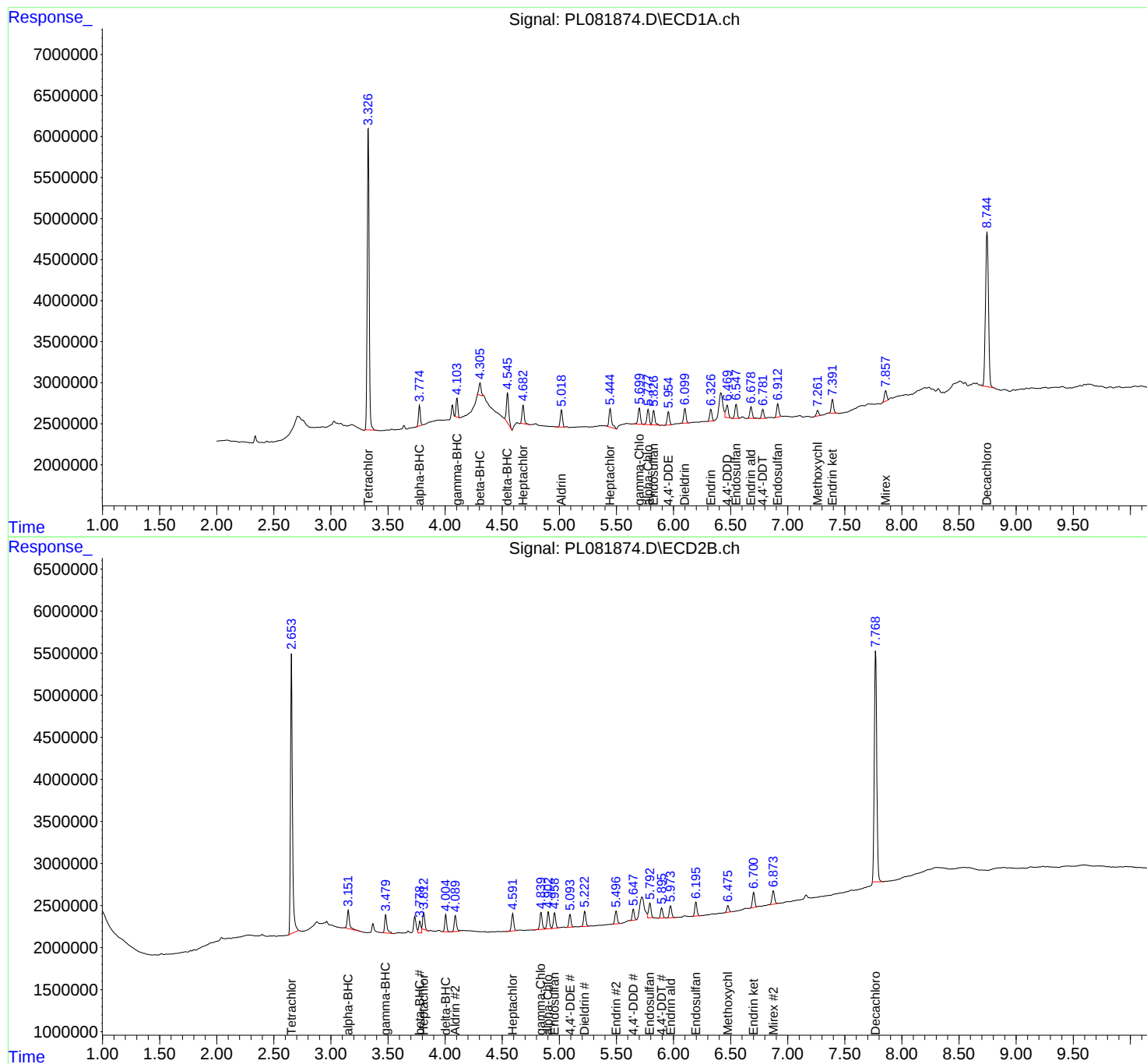
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

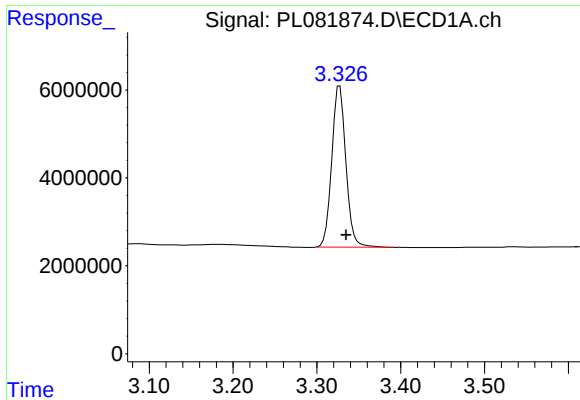
Manual Integrations
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Supervised By :Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 21:29:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





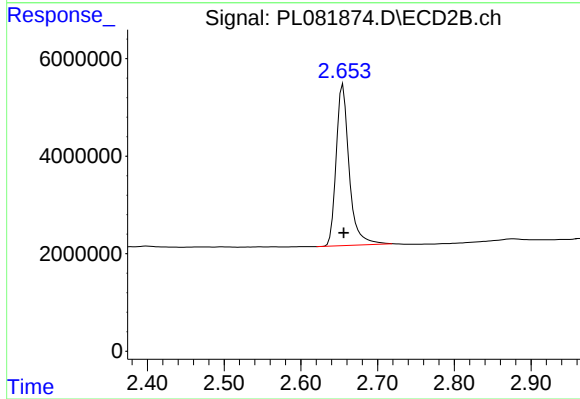
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: -0.008 min
Response: 42927061
Conc: 18.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

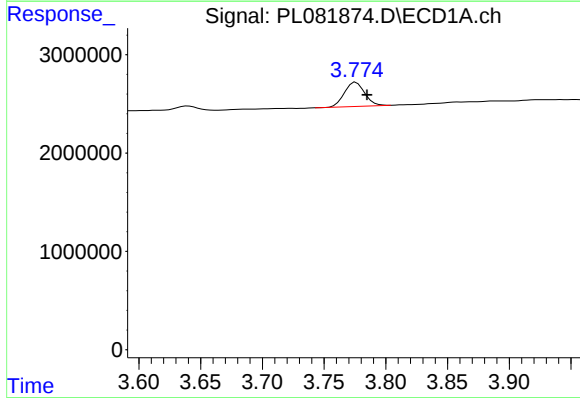
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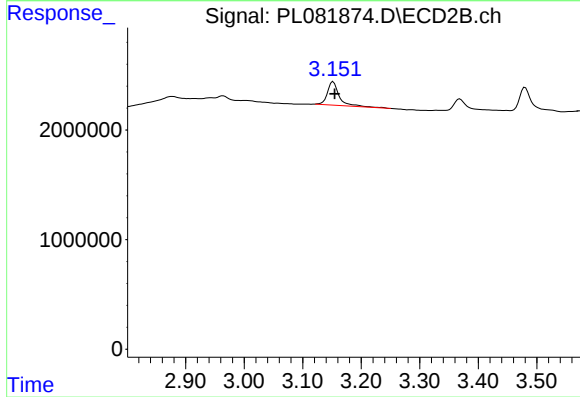
#1 Tetrachloro-m-xylene

R.T.: 2.655 min
Delta R.T.: -0.001 min
Response: 38939393
Conc: 19.51 ng/ml



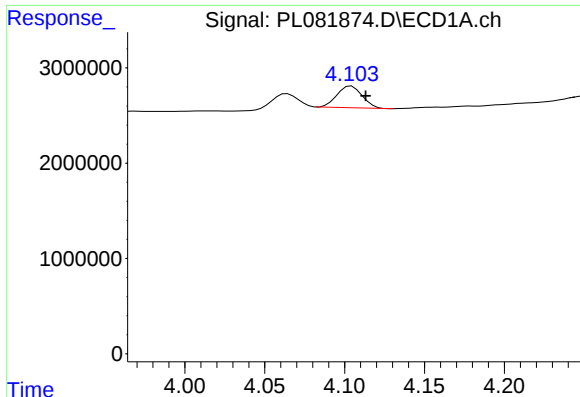
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.009 min
Response: 2817652
Conc: 0.82 ng/ml



#2 alpha-BHC

R.T.: 3.152 min
Delta R.T.: -0.003 min
Response: 2993172
Conc: 1.03 ng/ml



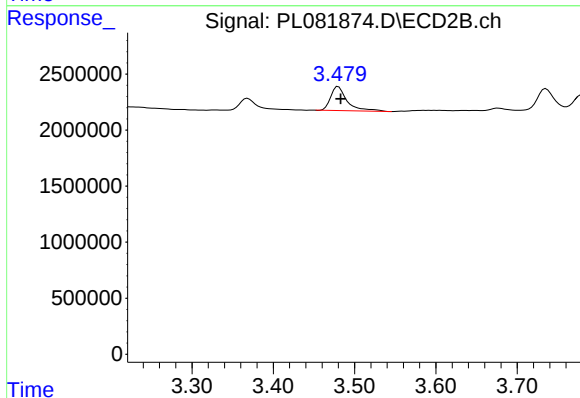
#3 gamma-BHC (Lindane)

R.T.: 4.104 min
Delta R.T.: -0.009 min
Response: 2497131
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

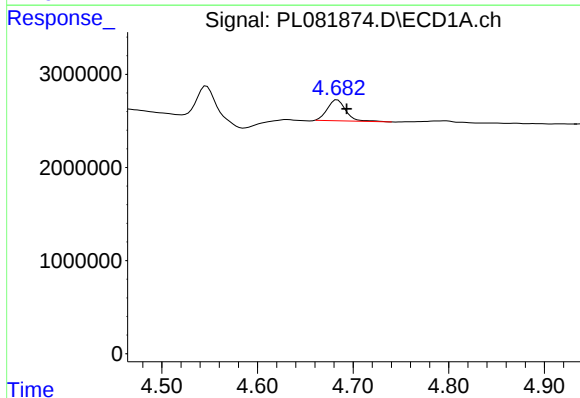
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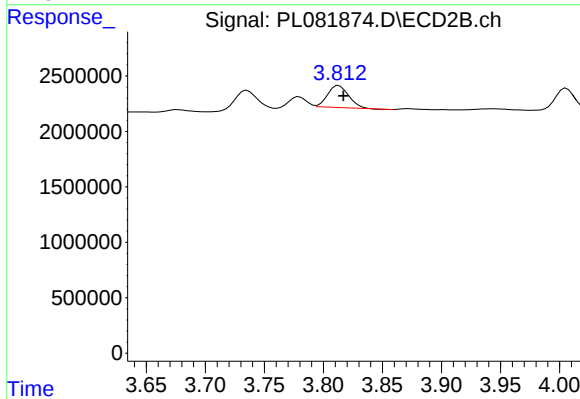
#3 gamma-BHC (Lindane)

R.T.: 3.480 min
Delta R.T.: -0.003 min
Response: 3039138
Conc: 1.09 ng/ml



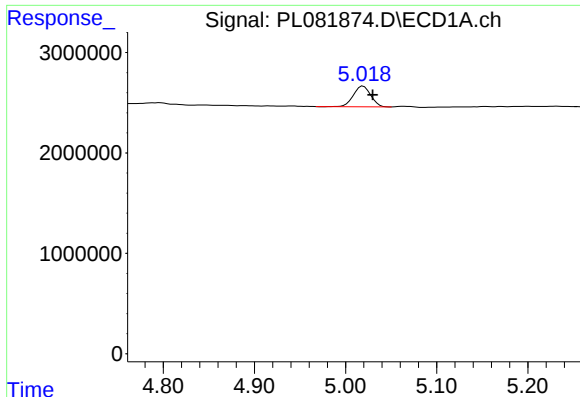
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.010 min
Response: 2977881
Conc: 0.94 ng/ml



#4 Heptachlor

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 2458431
Conc: 0.86 ng/ml



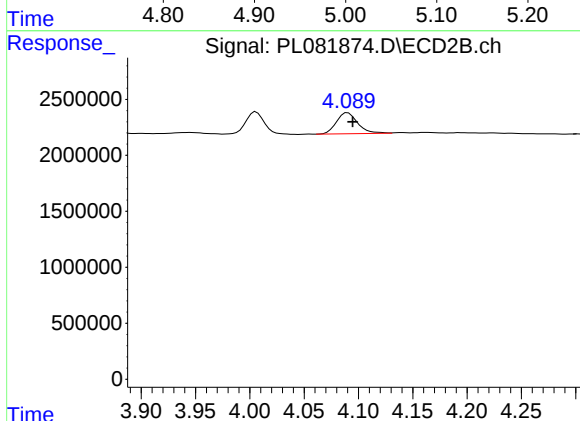
#5 Aldrin

R.T.: 5.019 min
Delta R.T.: -0.010 min
Response: 2728409
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
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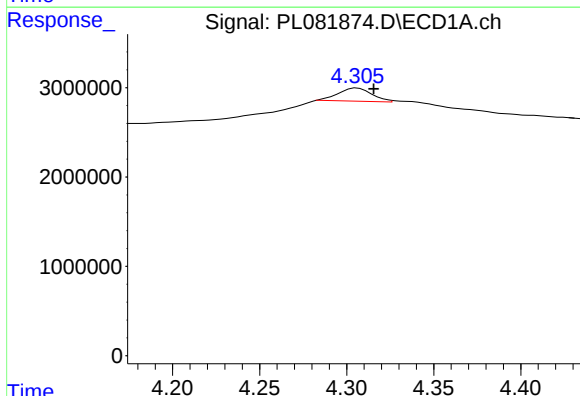
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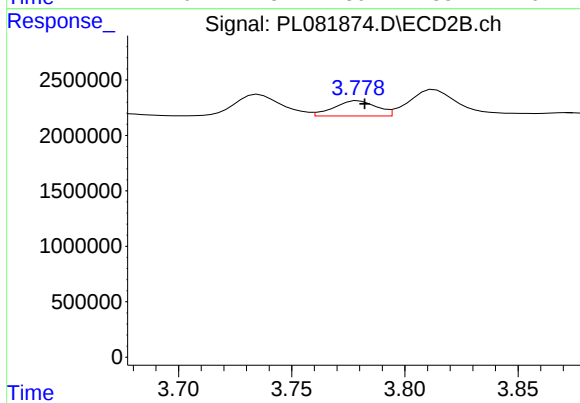
#5 Aldrin

R.T.: 4.090 min
Delta R.T.: -0.004 min
Response: 2595796
Conc: 0.97 ng/ml



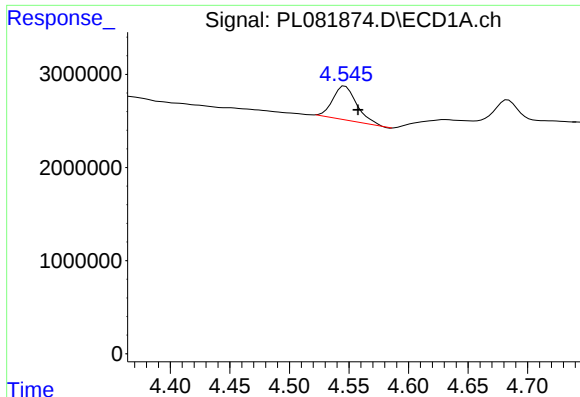
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: -0.011 min
Response: 1963147
Conc: 1.30 ng/ml m



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 1948804
Conc: 1.64 ng/ml m



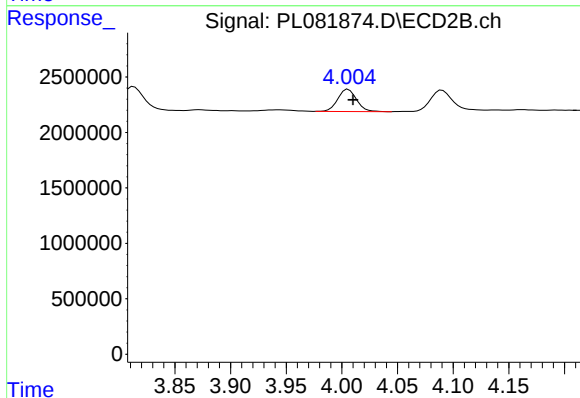
#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: -0.011 min
Response: 5169701
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

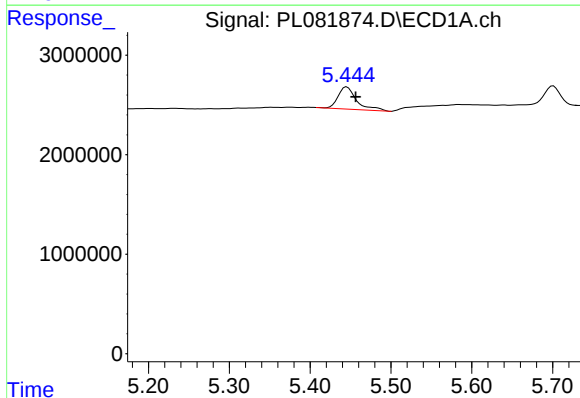
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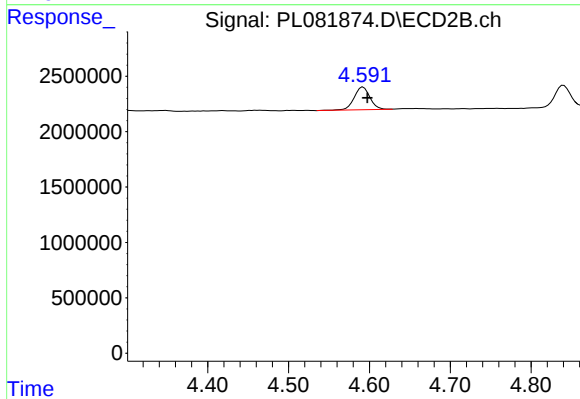
#7 delta-BHC

R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 2378219
Conc: 0.92 ng/ml



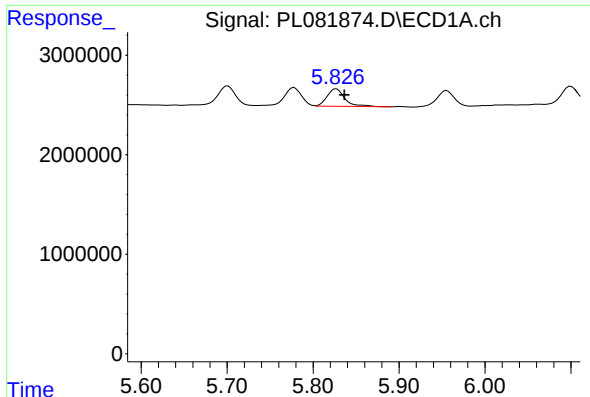
#8 Heptachlor epoxide

R.T.: 5.446 min
Delta R.T.: -0.011 min
Response: 3561798
Conc: 1.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.592 min
Delta R.T.: -0.005 min
Response: 2781190
Conc: 1.15 ng/ml



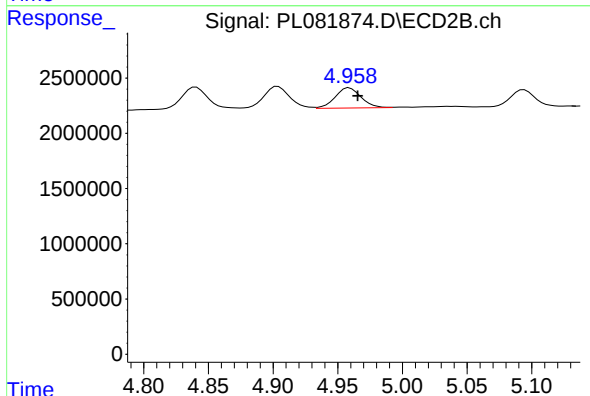
#9 Endosulfan I

R.T.: 5.827 min
Delta R.T.: -0.009 min
Response: 2508256
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

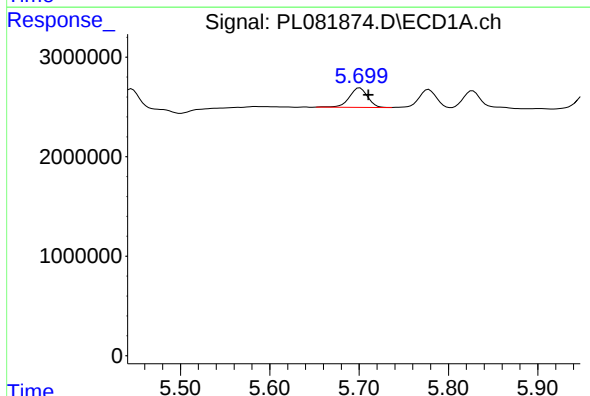
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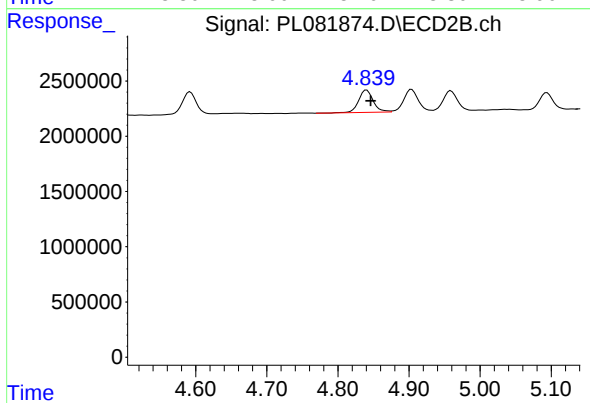
#9 Endosulfan I

R.T.: 4.959 min
Delta R.T.: -0.007 min
Response: 2544984
Conc: 1.15 ng/ml



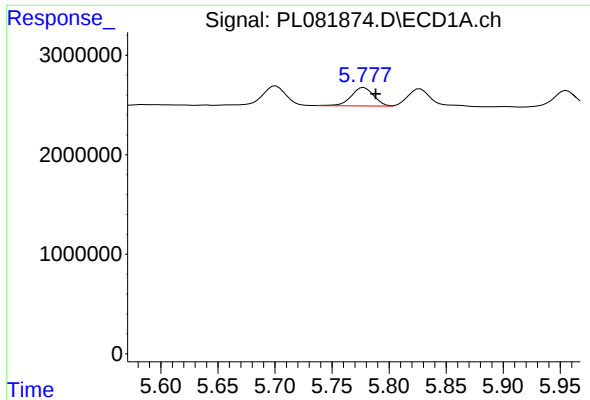
#10 gamma-Chlordane

R.T.: 5.701 min
Delta R.T.: -0.009 min
Response: 2798734
Conc: 1.07 ng/ml



#10 gamma-Chlordane

R.T.: 4.840 min
Delta R.T.: -0.006 min
Response: 2883767
Conc: 1.19 ng/ml



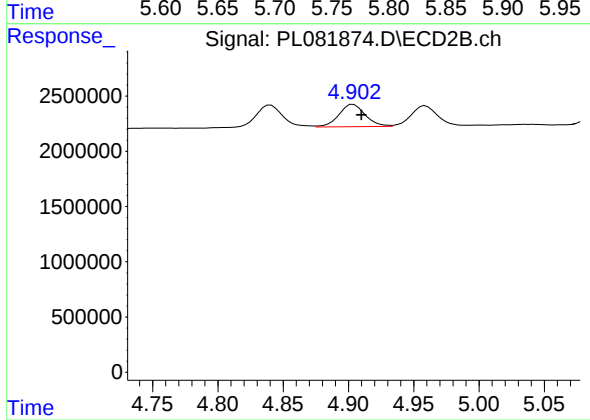
#11 alpha-Chlordane

R.T.: 5.778 min
Delta R.T.: -0.010 min
Response: 2567991
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

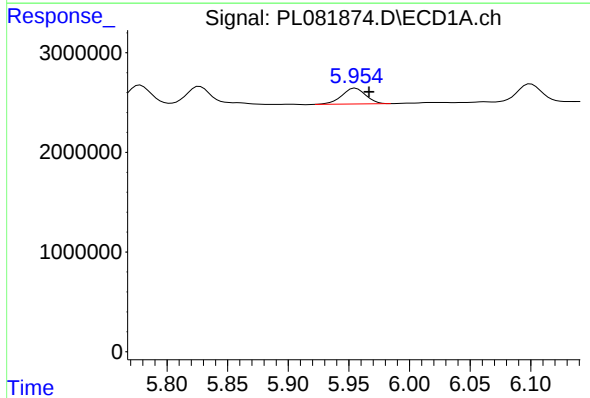
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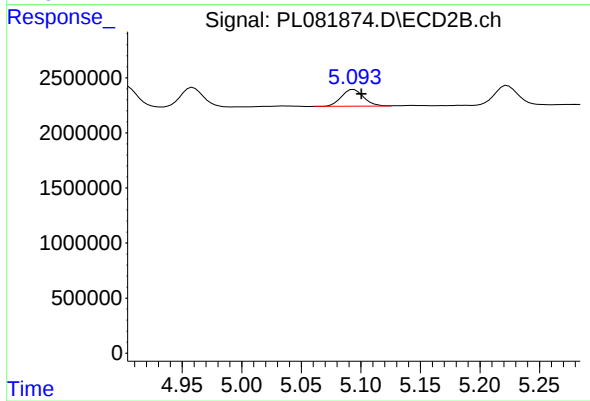
#11 alpha-Chlordane

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 2840224
Conc: 1.17 ng/ml



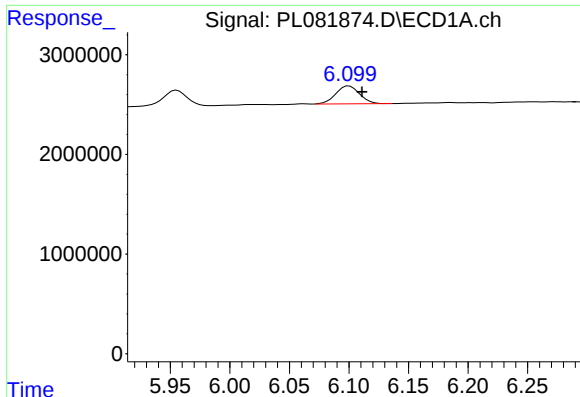
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 2190943
Conc: 0.97 ng/ml



#12 4,4'-DDE

R.T.: 5.094 min
Delta R.T.: -0.007 min
Response: 1975291
Conc: 1.00 ng/ml



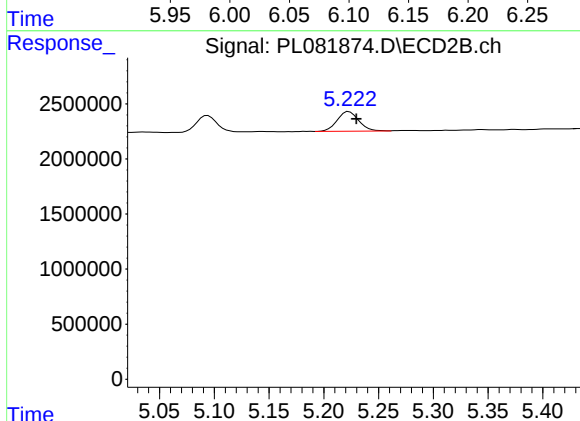
#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: -0.011 min
Response: 2476632
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

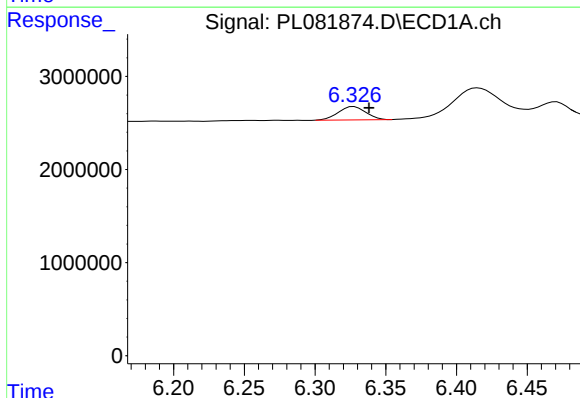
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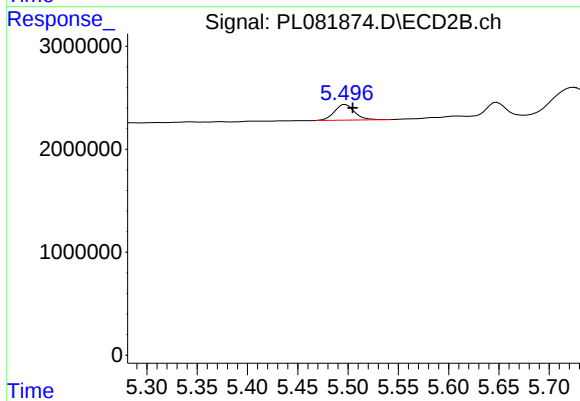
#13 Dieldrin

R.T.: 5.223 min
Delta R.T.: -0.007 min
Response: 2430457
Conc: 1.08 ng/ml



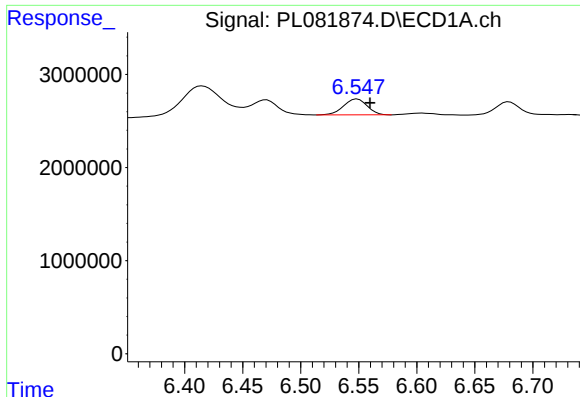
#14 Endrin

R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 1951282
Conc: 0.92 ng/ml



#14 Endrin

R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 2134708
Conc: 1.05 ng/ml



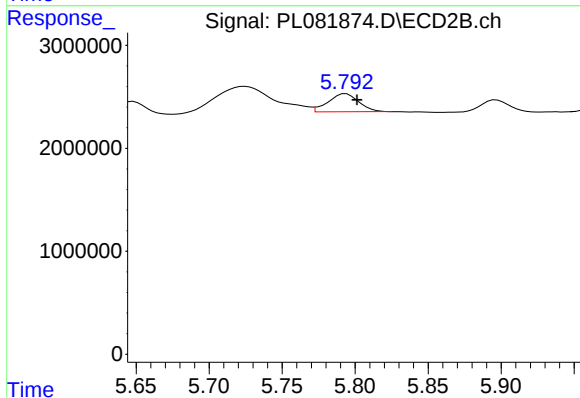
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 2420458
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

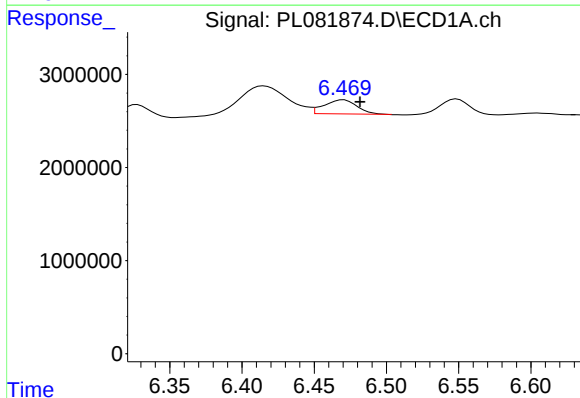
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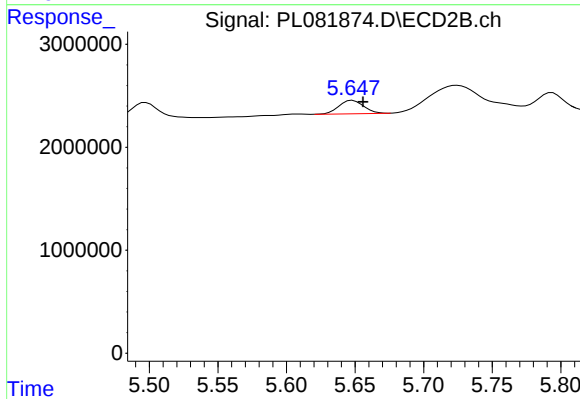
#15 Endosulfan II

R.T.: 5.792 min
Delta R.T.: -0.009 min
Response: 2531889
Conc: 1.40 ng/ml m



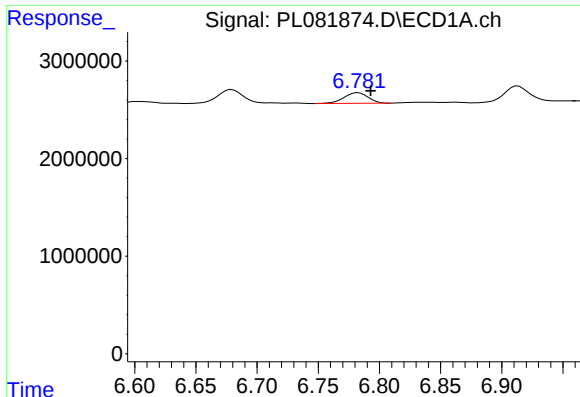
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: -0.012 min
Response: 2349868
Conc: 1.30 ng/ml m



#16 4,4'-DDD

R.T.: 5.648 min
Delta R.T.: -0.008 min
Response: 1636765
Conc: 1.08 ng/ml



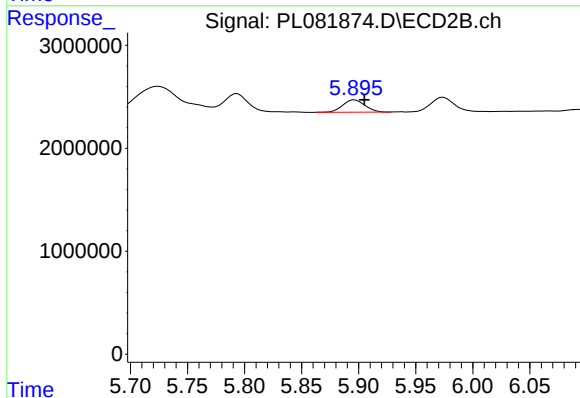
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: -0.010 min
Response: 1484662
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

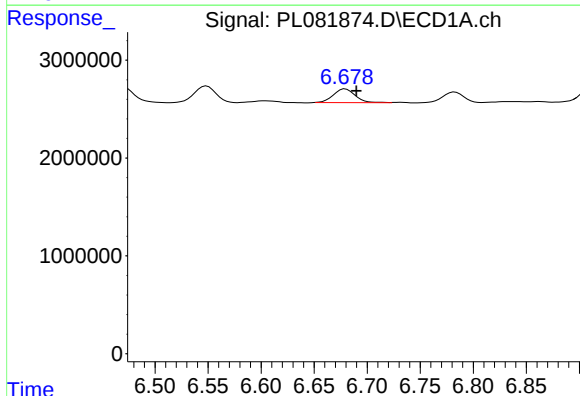
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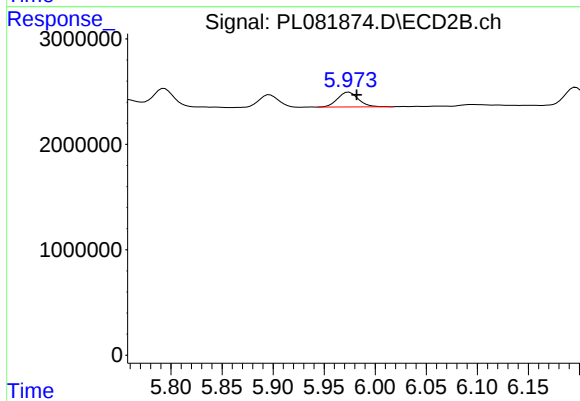
#17 4,4'-DDT

R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 1632026
Conc: 0.95 ng/ml



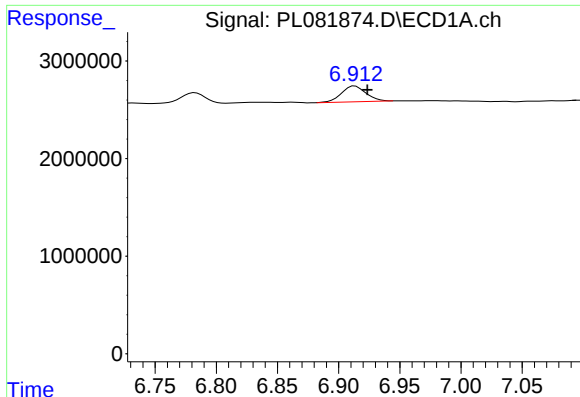
#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: -0.010 min
Response: 2023078
Conc: 1.24 ng/ml



#18 Endrin aldehyde

R.T.: 5.974 min
Delta R.T.: -0.007 min
Response: 1988823
Conc: 1.28 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: -0.010 min
Response: 2248150
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

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#19 Endosulfan Sulfate

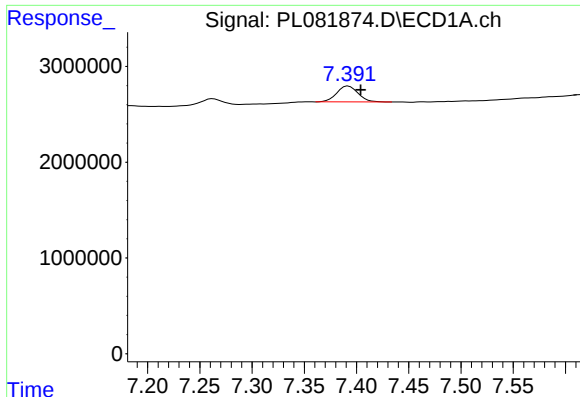
R.T.: 6.197 min
Delta R.T.: -0.008 min
Response: 2229928
Conc: 1.15 ng/ml

#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 946237
Conc: 0.88 ng/ml

#20 Methoxychlor

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 1068937
Conc: 1.07 ng/ml



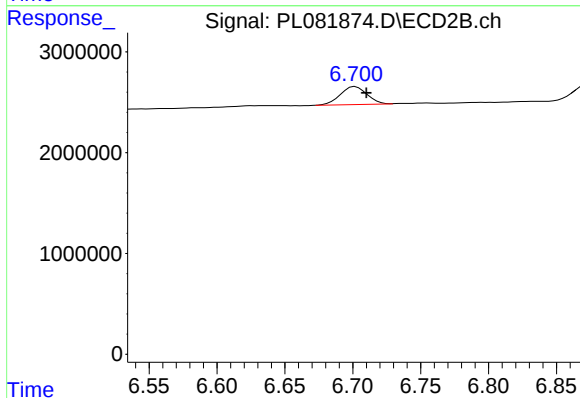
#21 Endrin ketone

R.T.: 7.392 min
Delta R.T.: -0.012 min
Response: 2359770
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

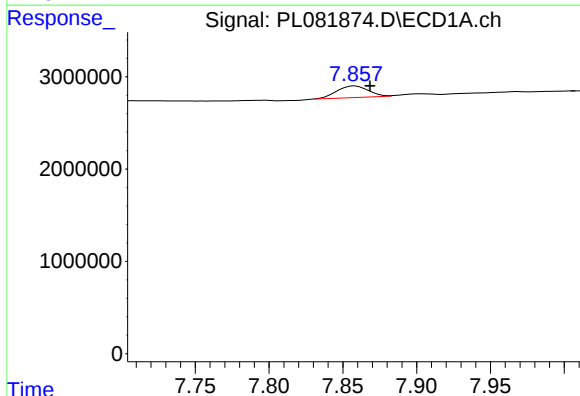
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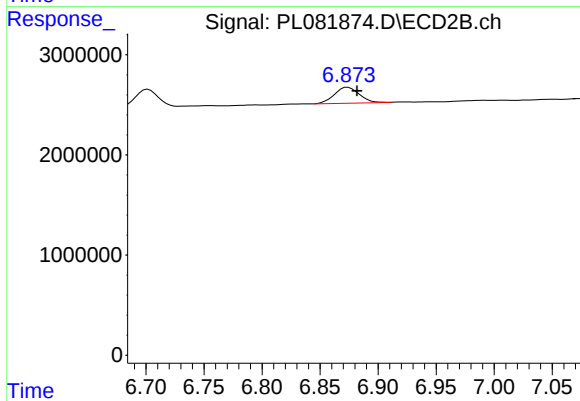
#21 Endrin ketone

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 2460737
Conc: 1.15 ng/ml



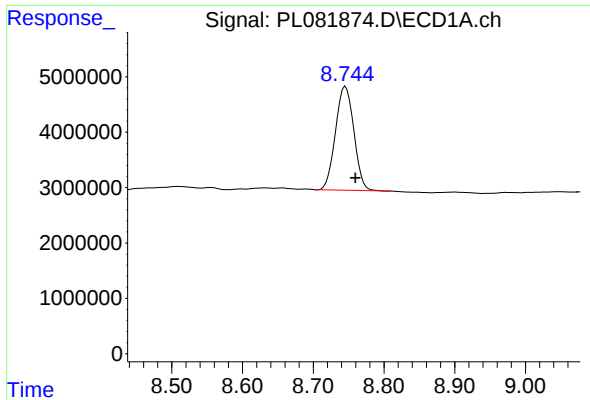
#22 Mirex

R.T.: 7.858 min
Delta R.T.: -0.010 min
Response: 1864765
Conc: 1.09 ng/ml



#22 Mirex

R.T.: 6.874 min
Delta R.T.: -0.008 min
Response: 2404918
Conc: 1.25 ng/ml



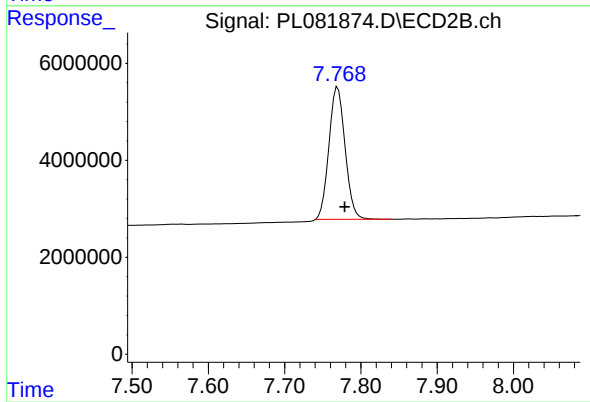
#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: -0.014 min
Response: 33923415
Conc: 18.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: -0.009 min
Response: 40280349
Conc: 20.31 ng/ml