

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
 Data File : PL084677.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 12:53
 Operator : AR\AJ
 Sample : 03572-03
 Misc : PEST MDL 1PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-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 23:05:58 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...	3.476	2.685	38030696	17848983	16.368	16.414
28)	SA Decachlor...	9.028	7.867	30498138	22875984	18.744	18.348
Target Compounds							
2)	A alpha-BHC	3.934	3.189	2446674	1256239	0.741	0.814
3)	MA gamma-BHC...	4.268	3.520	2639819	1431877	0.828	0.942
4)	MA Heptachlor	4.859	3.862	3499264	1221866	1.041m	0.858
5)	MB Aldrin	5.203	4.141	3202432	1272780	0.969	0.876
6)	B beta-BHC	4.469	3.822	2094057	572317	1.499	0.854 #
7)	B delta-BHC	4.713	4.050	3075826	1233221	0.954m	0.812
8)	B Heptachlo...	5.632	4.648	3340868	1282612	1.109m	0.967
9)	A Endosulfan I	6.019	5.016	2907138	1172329	1.104	0.946m
10)	B gamma-Chl...	5.890	4.899	3017051	1251763	1.054	0.923m
11)	B alpha-Chl...	5.970	4.964	2810220	1304074	0.995	0.957m
12)	B 4,4'-DDE	6.149	5.163	2152770	1095343	0.938	0.889
13)	MA Dieldrin	6.295	5.285	2516488	1290003	0.952	0.950
14)	MA Endrin	6.526	5.560	2197259	1284274	1.007	1.050
15)	B Endosulfa...	6.743	5.855	3990415	1339515	1.887	1.110m#
16)	A 4,4'-DDD	6.666	5.719	1538840	829854	0.918m	0.803m
17)	MA 4,4'-DDT	6.984	5.973	2273357	1039727	1.213	0.896 #
18)	B Endrin al...	6.877	6.039	1982844	1035459	1.175	1.044
19)	B Endosulfa...	7.113	6.264	2181783	1228171	1.092	1.033
20)	A Methoxychlor	7.466	6.558	971763	766485	1.013	1.117
21)	B Endrin ke...	7.598	6.769	2100780	1214607	1.050	0.842
22)	Mirex	8.073	6.950	1877338	1284744	1.130	1.114

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
Data File : PL084677.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2023 12:53
Operator : AR\AJ
Sample : 03572-03
Misc : PEST MDL 1PPB
ALS Vial : 12 Sample Multiplier: 1

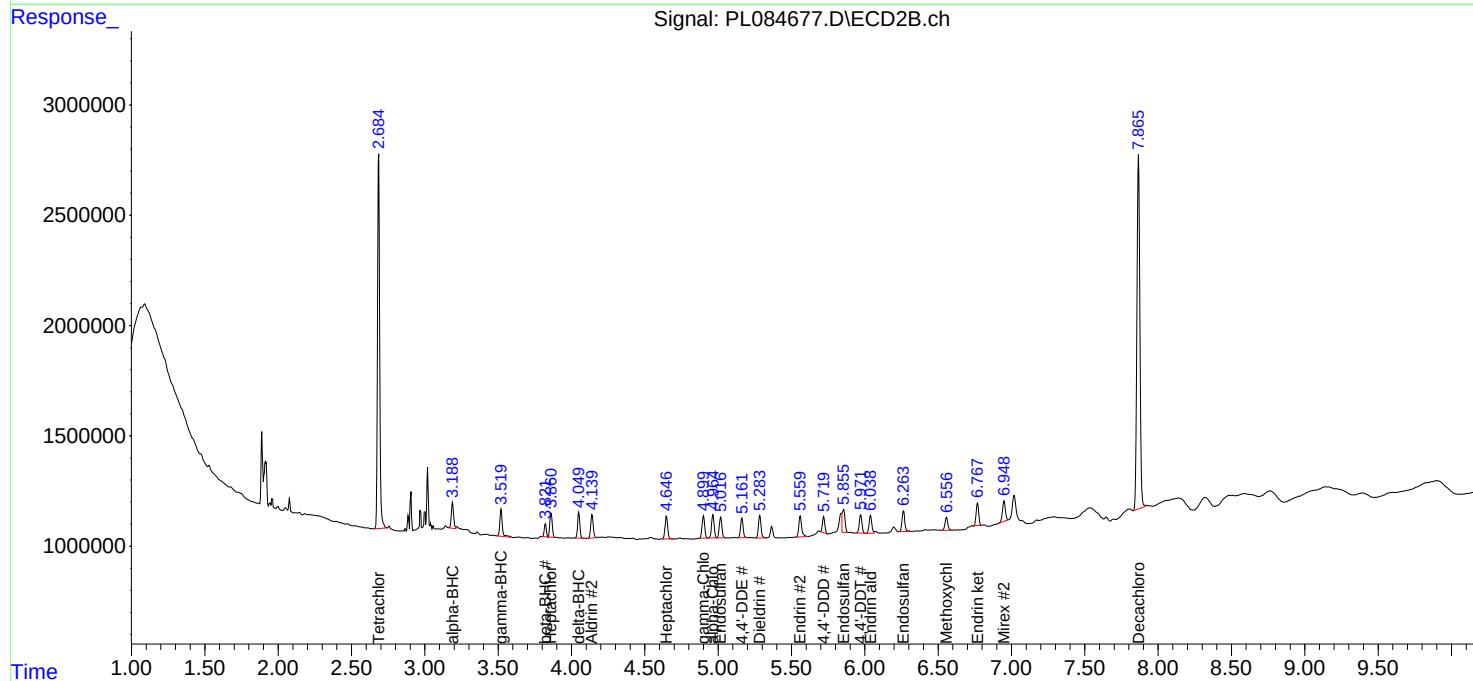
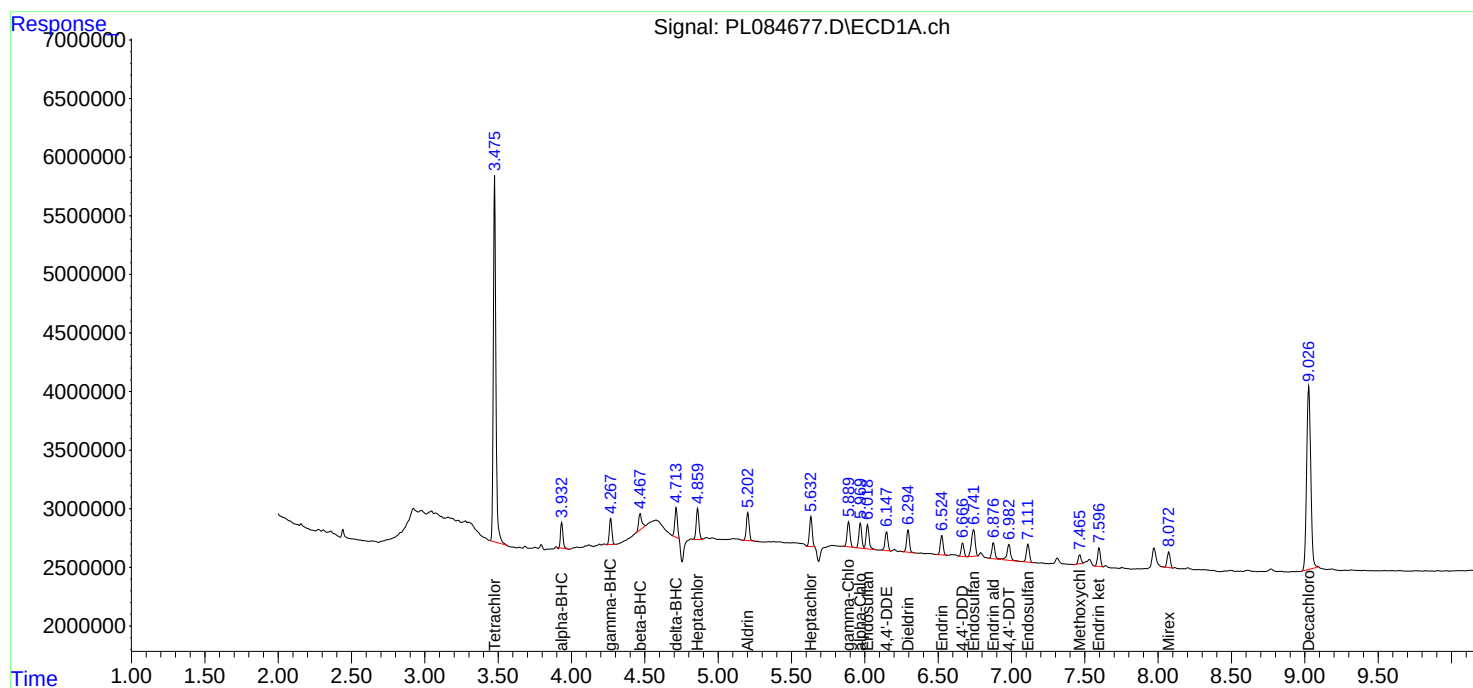
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2023

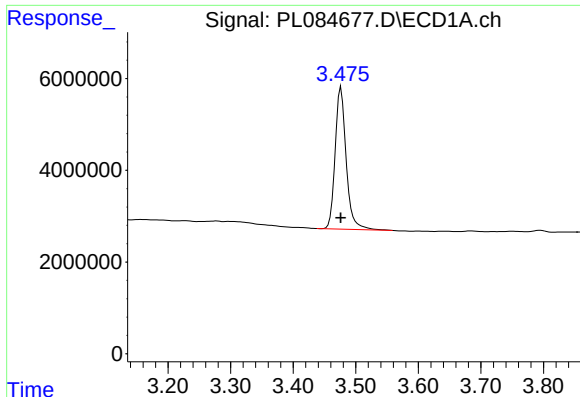
Manual Integrations
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Reviewed By : Abdul Mirza 08/14/2023
Supervised By : Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 23:05:58 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





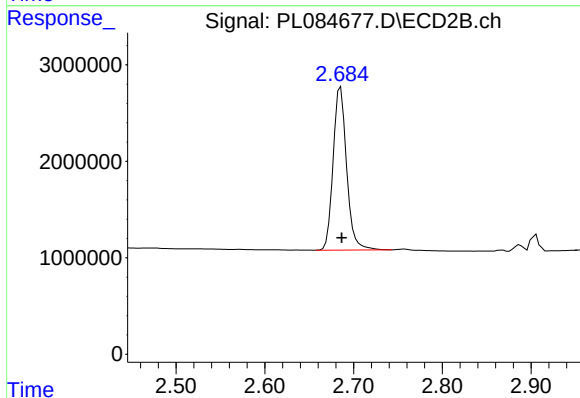
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 38030696
Conc: 16.37 ng/ml

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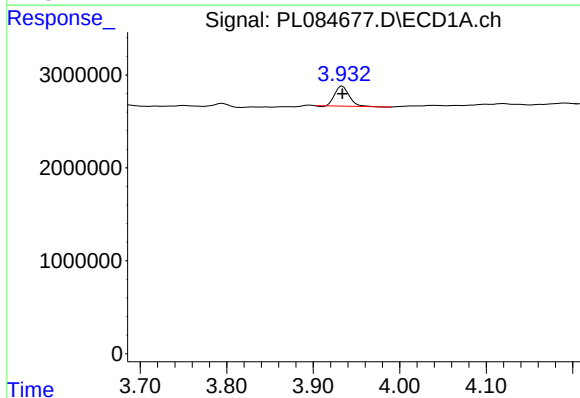
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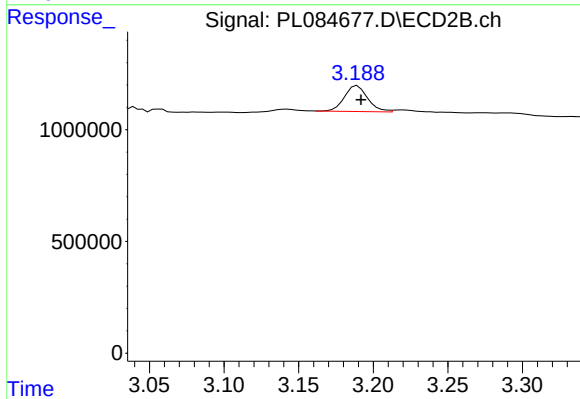
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.001 min
Response: 17848983
Conc: 16.41 ng/ml



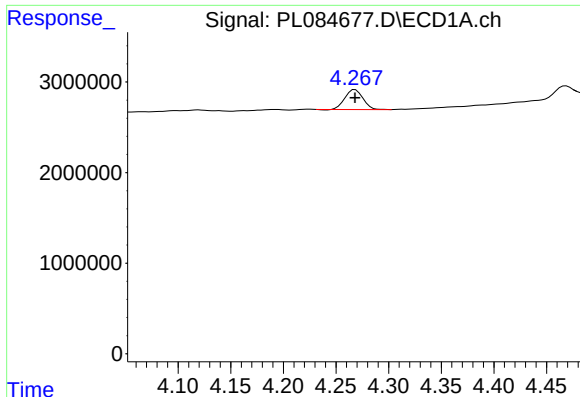
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 2446674
Conc: 0.74 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 1256239
Conc: 0.81 ng/ml



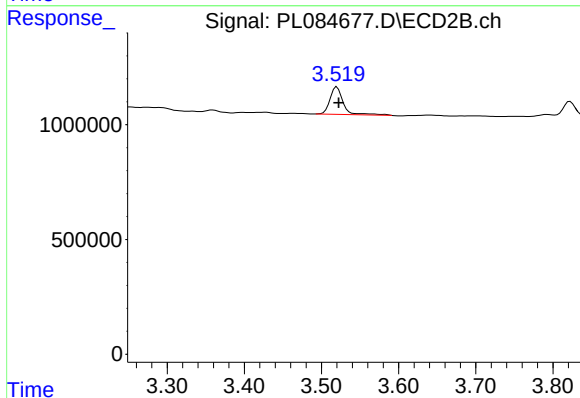
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 2639819
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2023

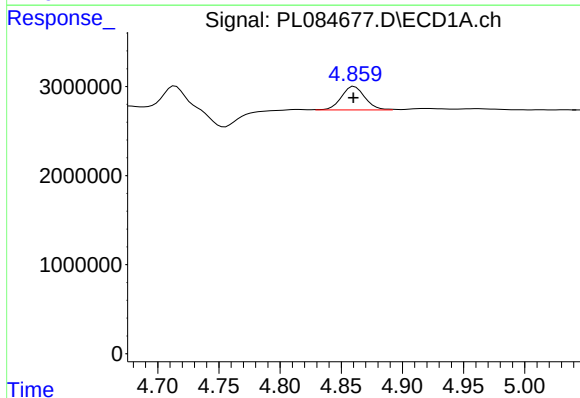
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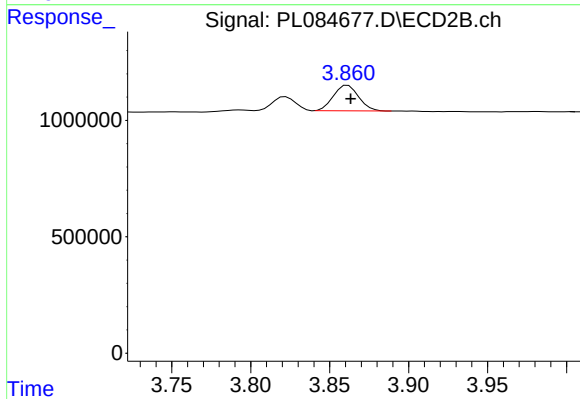
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.002 min
Response: 1431877
Conc: 0.94 ng/ml



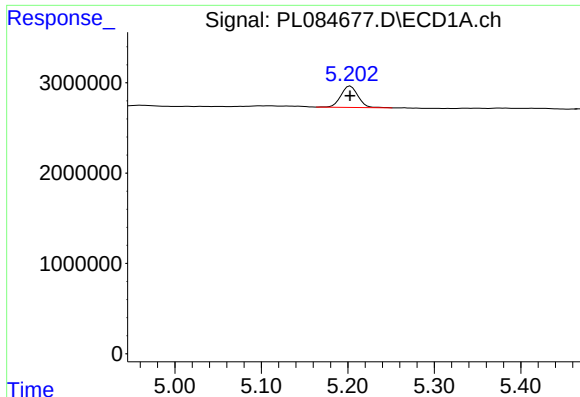
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 3499264
Conc: 1.04 ng/ml m



#4 Heptachlor

R.T.: 3.862 min
Delta R.T.: -0.002 min
Response: 1221866
Conc: 0.86 ng/ml



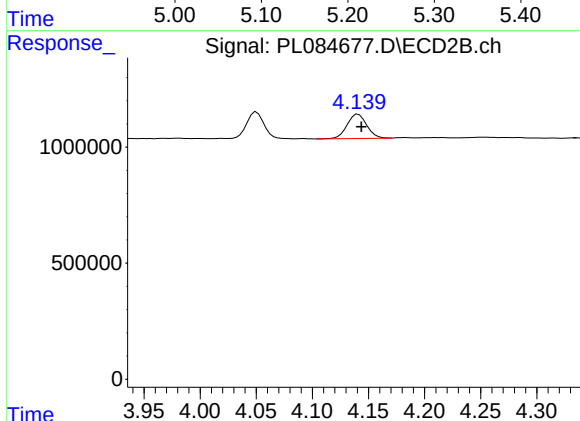
#5 Aldrin

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 3202432
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
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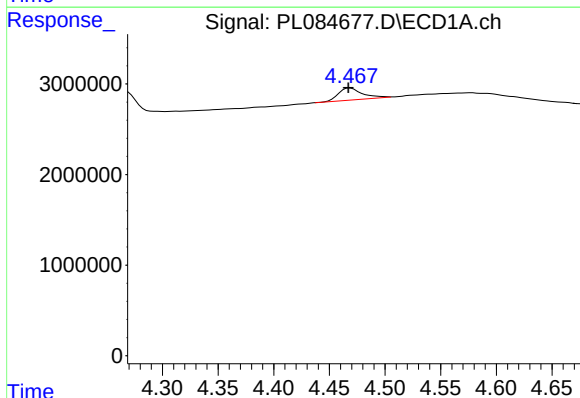
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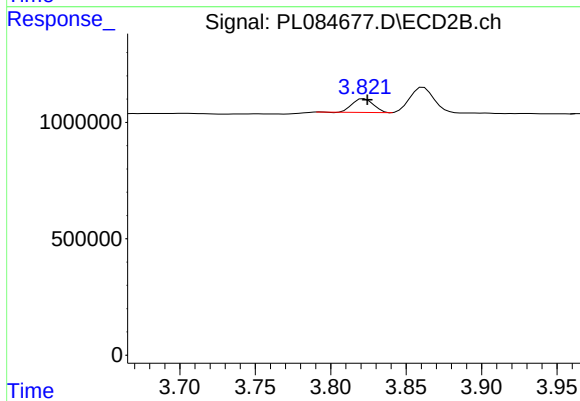
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.003 min
Response: 1272780
Conc: 0.88 ng/ml



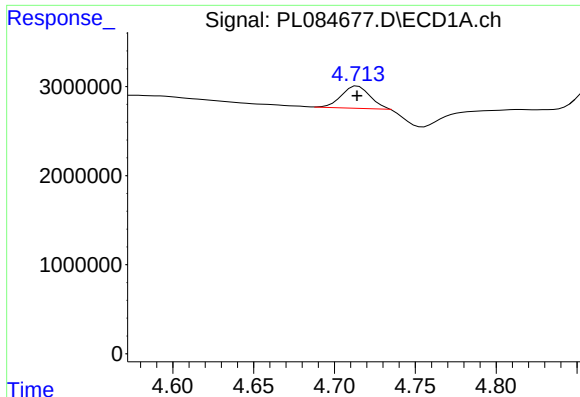
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 2094057
Conc: 1.50 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: -0.002 min
Response: 572317
Conc: 0.85 ng/ml



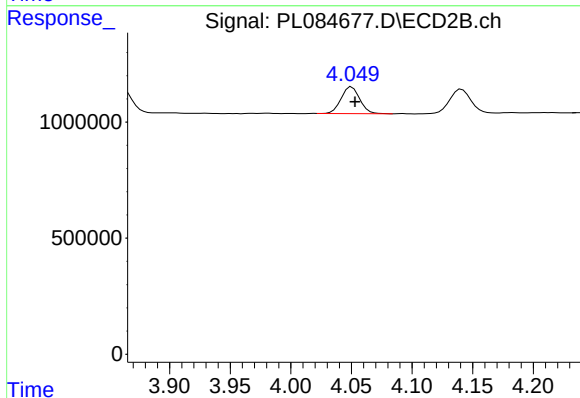
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 3075826
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
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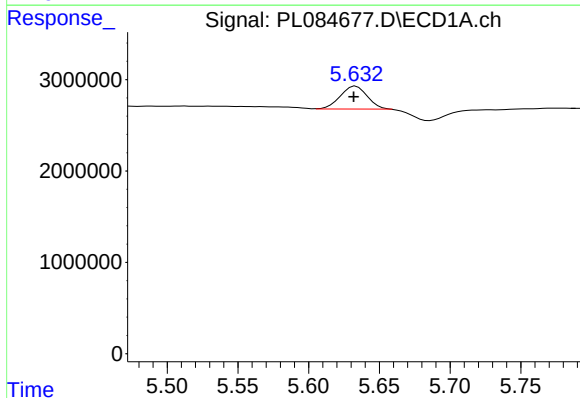
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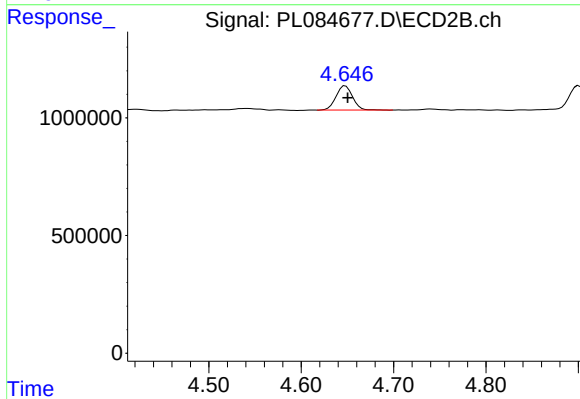
#7 delta-BHC

R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 1233221
Conc: 0.81 ng/ml



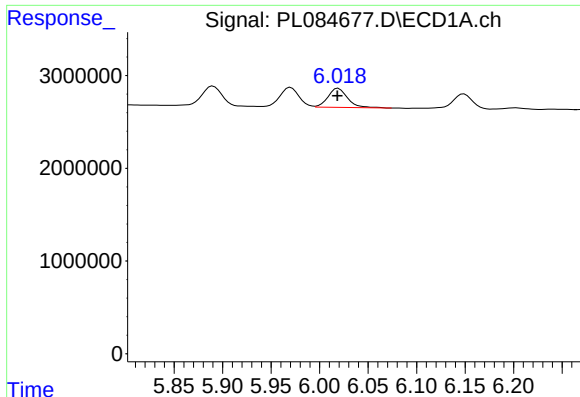
#8 Heptachlor epoxide

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 3340868
Conc: 1.11 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.003 min
Response: 1282612
Conc: 0.97 ng/ml



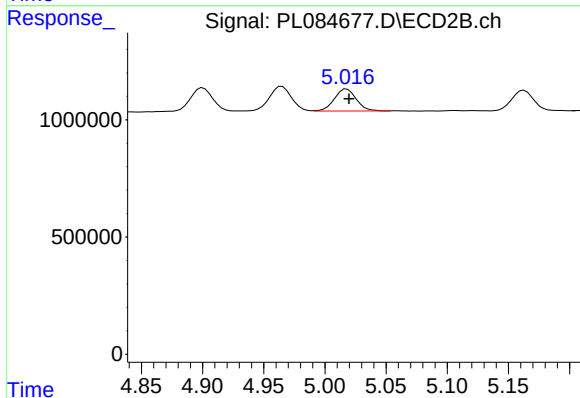
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 2907138
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2023

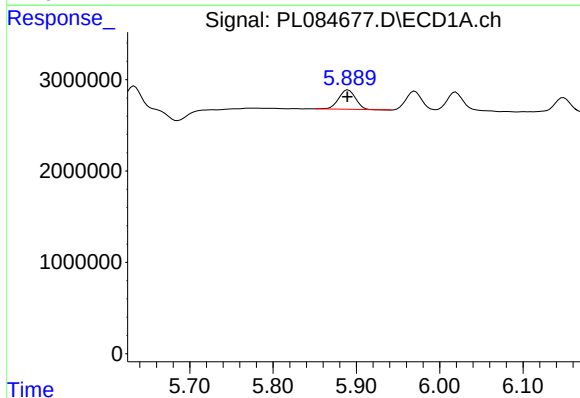
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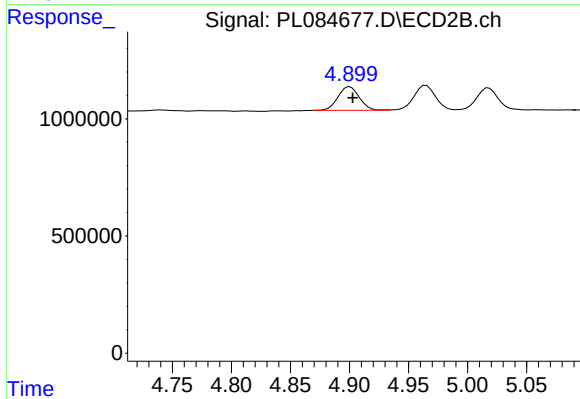
#9 Endosulfan I

R.T.: 5.016 min
Delta R.T.: -0.003 min
Response: 1172329
Conc: 0.95 ng/ml m



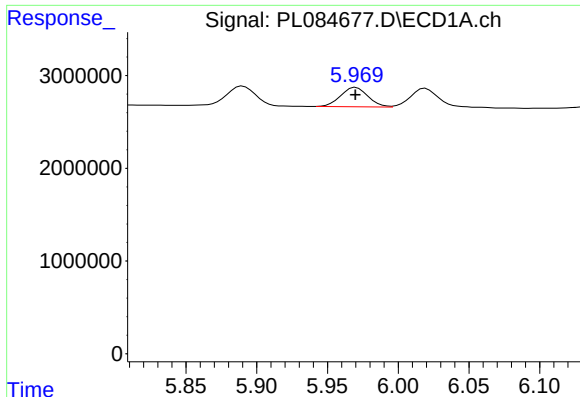
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 3017051
Conc: 1.05 ng/ml



#10 gamma-Chlordane

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 1251763
Conc: 0.92 ng/ml m



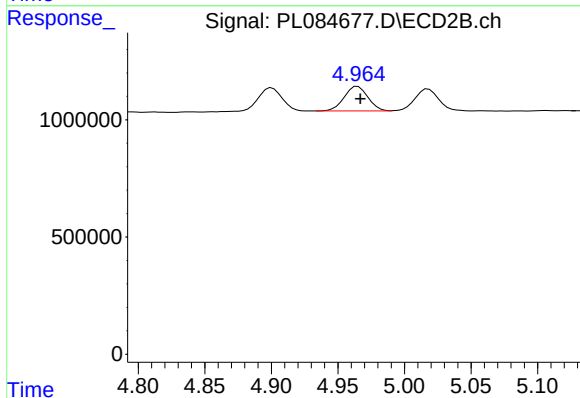
#11 alpha-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 2810220
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2023

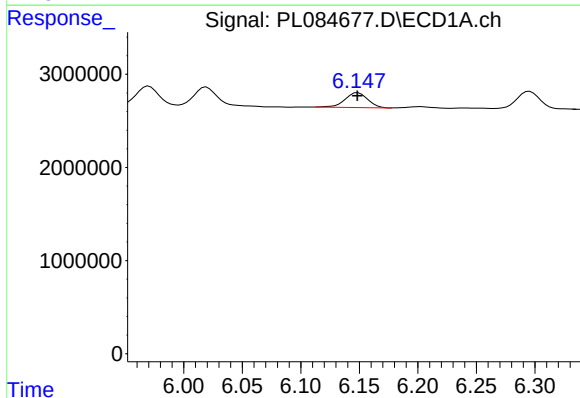
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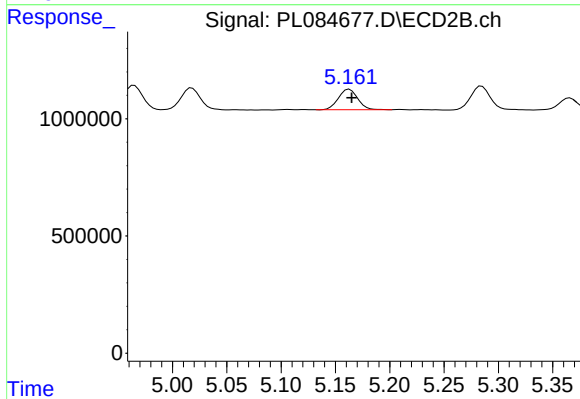
#11 alpha-Chlordane

R.T.: 4.964 min
Delta R.T.: -0.003 min
Response: 1304074
Conc: 0.96 ng/ml m



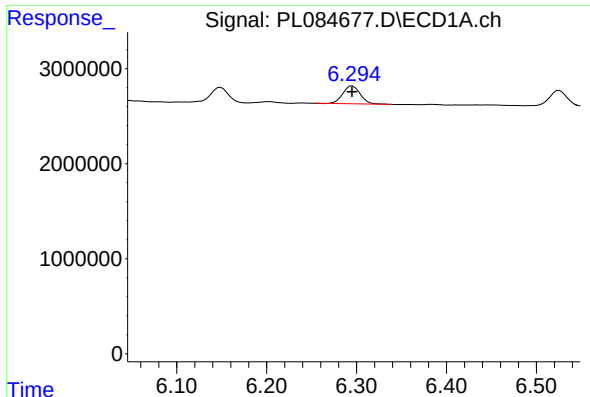
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 2152770
Conc: 0.94 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 1095343
Conc: 0.89 ng/ml



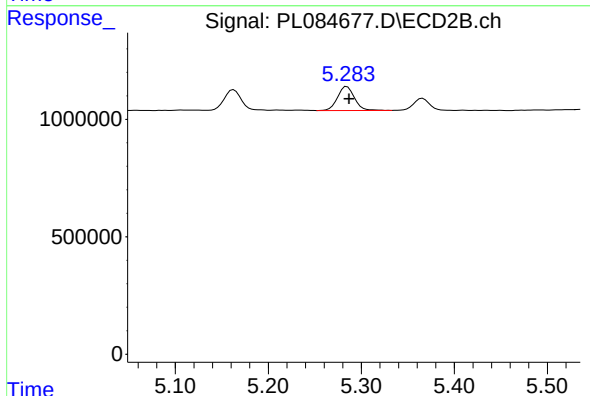
#13 Dieldrin

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 2516488
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2023

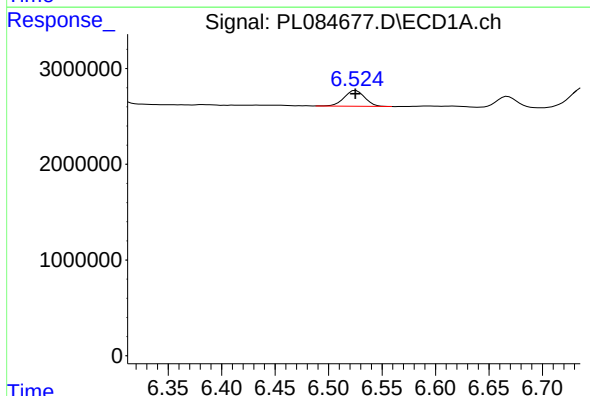
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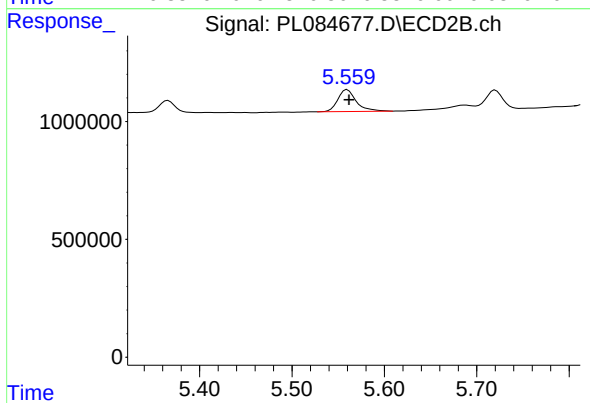
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 1290003
Conc: 0.95 ng/ml



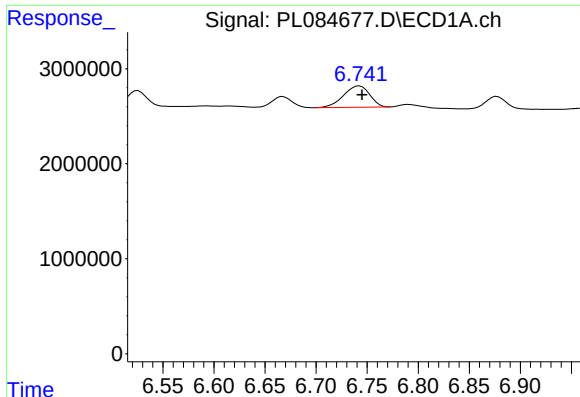
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 2197259
Conc: 1.01 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 1284274
Conc: 1.05 ng/ml



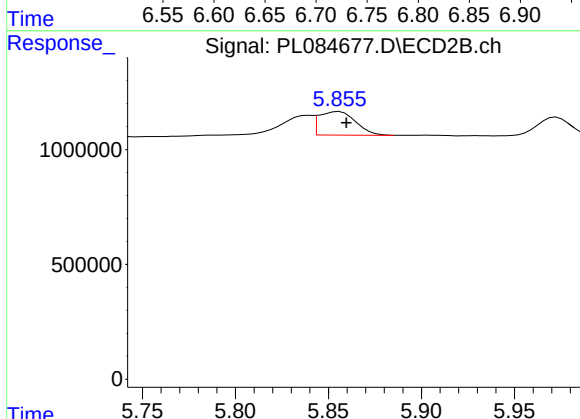
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 3990415
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#15 Endosulfan II

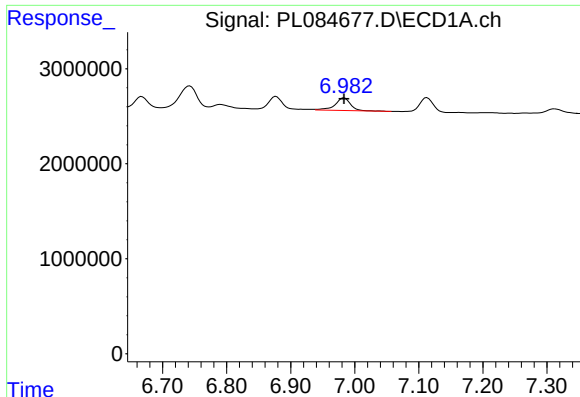
R.T.: 5.855 min
Delta R.T.: -0.005 min
Response: 1339515
Conc: 1.11 ng/ml m

#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 1538840
Conc: 0.92 ng/ml m

#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: -0.004 min
Response: 829854
Conc: 0.80 ng/ml m



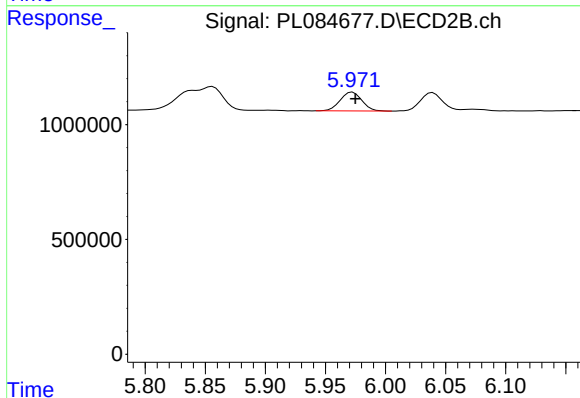
#17 4,4'-DDT

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 2273357
Conc: 1.21 ng/ml

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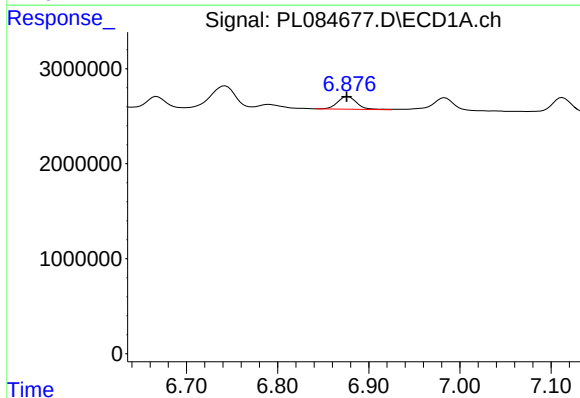
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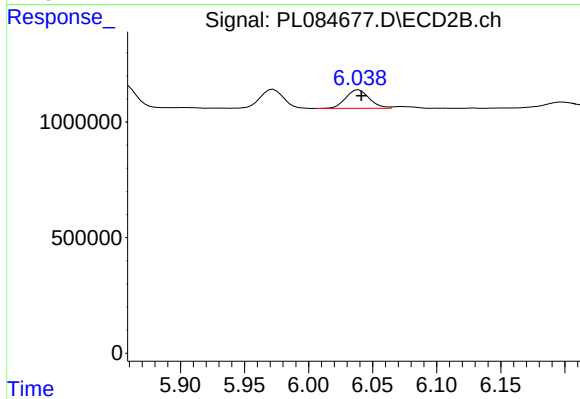
#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 1039727
Conc: 0.90 ng/ml



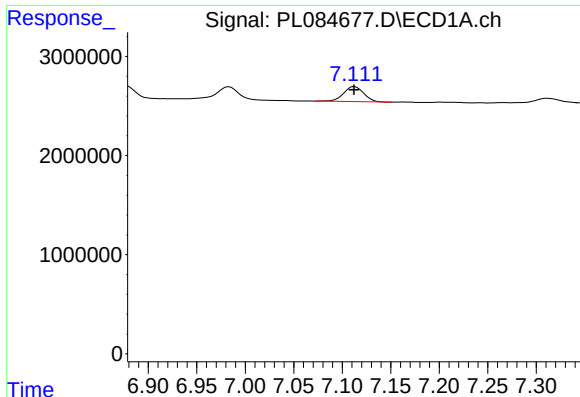
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.001 min
Response: 1982844
Conc: 1.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 1035459
Conc: 1.04 ng/ml



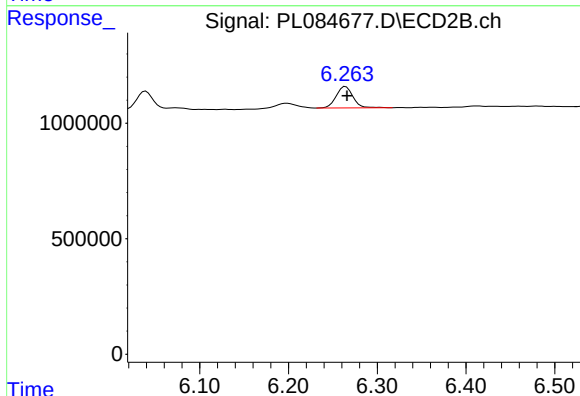
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 2181783
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2023

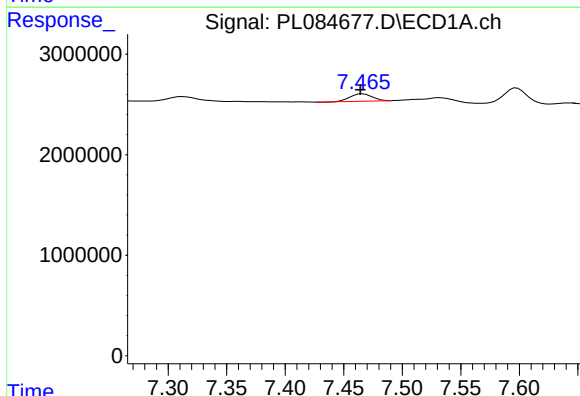
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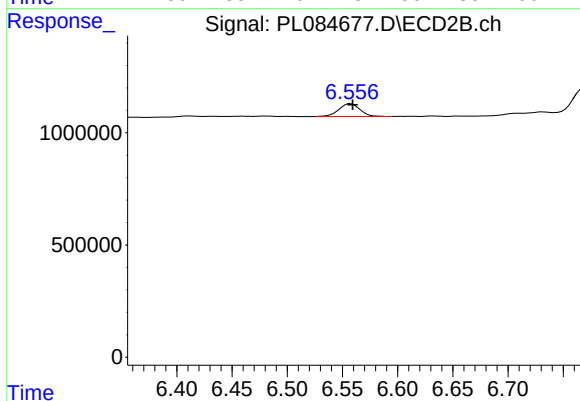
#19 Endosulfan Sulfate

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 1228171
Conc: 1.03 ng/ml



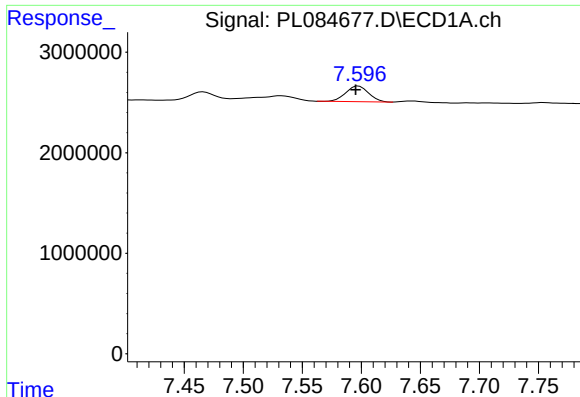
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 971763
Conc: 1.01 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 766485
Conc: 1.12 ng/ml



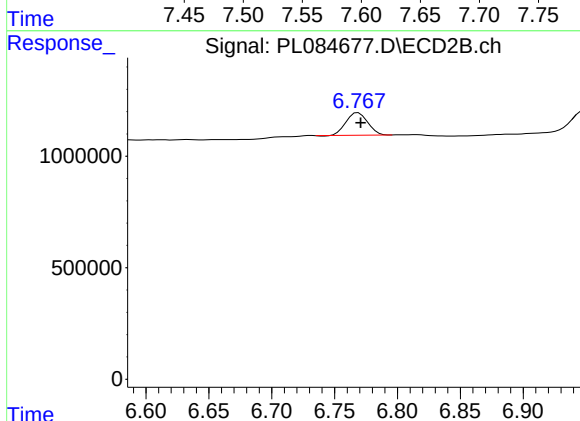
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.002 min
Response: 2100780
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
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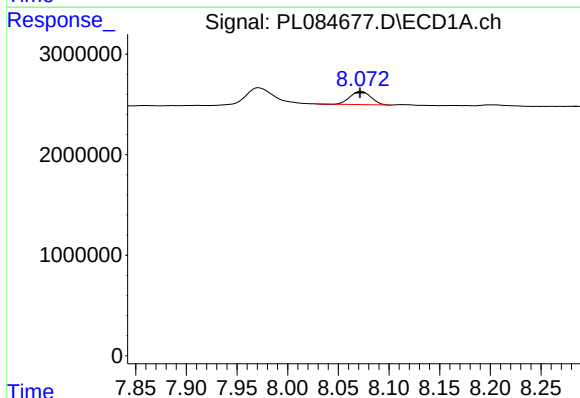
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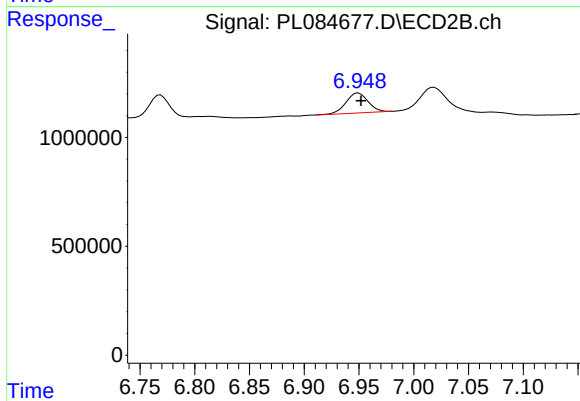
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 1214607
Conc: 0.84 ng/ml



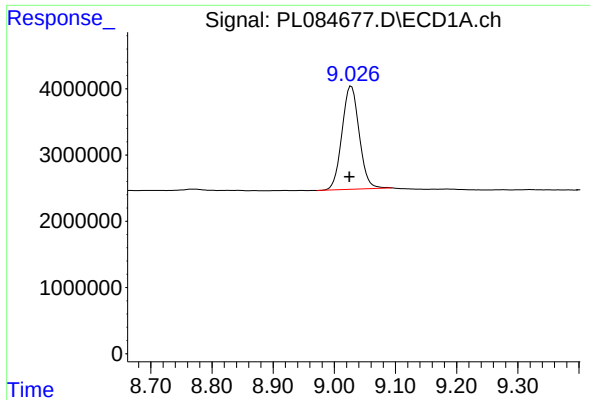
#22 Mirex

R.T.: 8.073 min
Delta R.T.: 0.001 min
Response: 1877338
Conc: 1.13 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.002 min
Response: 1284744
Conc: 1.11 ng/ml



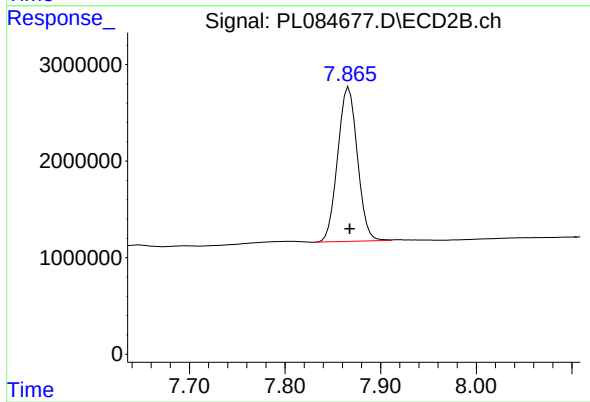
#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.003 min
Response: 30498138
Conc: 18.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/14/2023
Supervised By :Ankita Jodhani 08/14/2023



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 22875984
Conc: 18.35 ng/ml