

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
 Data File : PL081491.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2023 10:37
 Operator : AR\AJ
 Sample : 01627-03
 Misc : PEST MDL 1PPB SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/17/2023
 Supervised By :Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 21:47:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.331	2.661	39996864	35488202	18.512	17.535
2)	SA Decachlor...	8.755	7.782	31126285	38643161	20.417	20.174
Target Compounds							
2)	A alpha-BHC	3.780	3.160	2783125	2715730	0.875	0.927
3)	MA gamma-BHC...	4.109	3.488	2722618	2551603	0.920	0.927
4)	MA Heptachlor	4.689	3.822	2746182	2372791	0.995	0.860
5)	MB Aldrin	5.025	4.100	2594913	2460433	1.020	0.938
6)	B beta-BHC	4.312	3.788	2107969	1035246	1.531	0.892 #
7)	B delta-BHC	4.552	4.015	4521169	2099540	1.627	0.824 #
8)	B Heptachlo...	5.452	4.602	3046724	2539210	1.291	1.050
9)	A Endosulfan I	5.833	4.970	2249148	2221326	1.065	0.981
10)	B gamma-Chl...	5.705	4.851	2657506	2451717	1.165m	1.002
11)	B alpha-Chl...	5.783	4.914	2484264	2513947	1.103m	1.027
12)	B 4,4'-DDE	5.962	5.105	2131946	1697617	1.090	0.865
13)	MA Dieldrin	6.107	5.234	2329151	2098553	1.113	0.931
14)	MA Endrin	6.335	5.508	1939181	1778364	1.067	0.885
15)	B Endosulfa...	6.556	5.805	2164659	1910726	1.242	1.036
16)	A 4,4'-DDD	6.477	5.659	1697240	1215421	1.103	0.792 #
17)	MA 4,4'-DDT	6.789	5.909	1726448	1460001	1.088	0.910
18)	B Endrin al...	6.685	5.986	1867539	1708141	1.305m	1.127
19)	B Endosulfa...	6.920	6.208	2120685	1889781	1.181	0.983
20)	A Methoxychlor	7.270	6.488	1027982	848123	1.193	0.914
21)	B Endrin ke...	7.400	6.713	1983091	2112490	1.093	0.981
22)	Mirex	7.865	6.886	1817936	2170569	1.246	1.128

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
Data File : PL081491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2023 10:37
Operator : AR\AJ
Sample : 01627-03
Misc : PEST MDL 1PPB SOIL
ALS Vial : 8 Sample Multiplier: 1

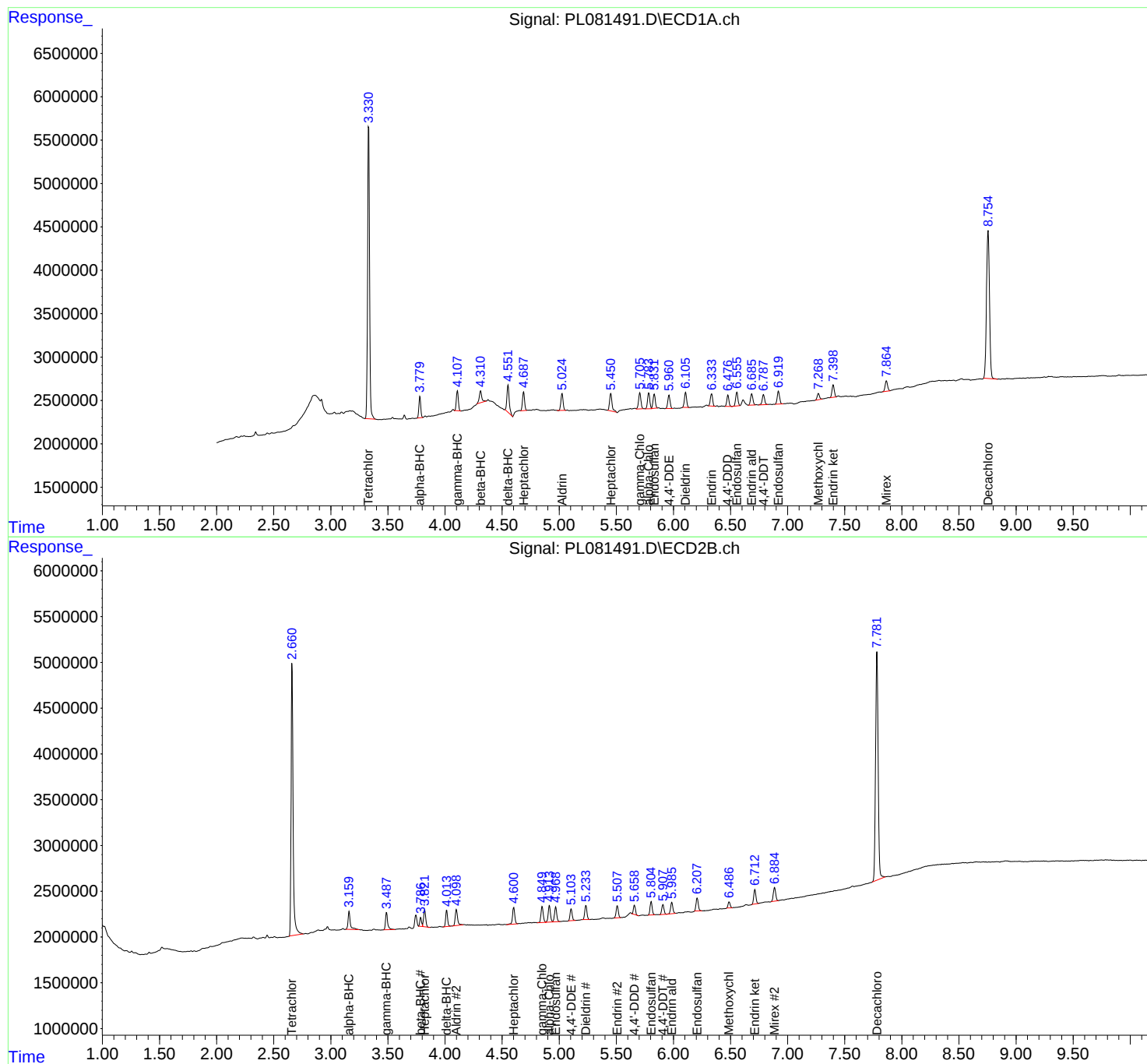
Instrument :
ECD_L
ClientSampleId :
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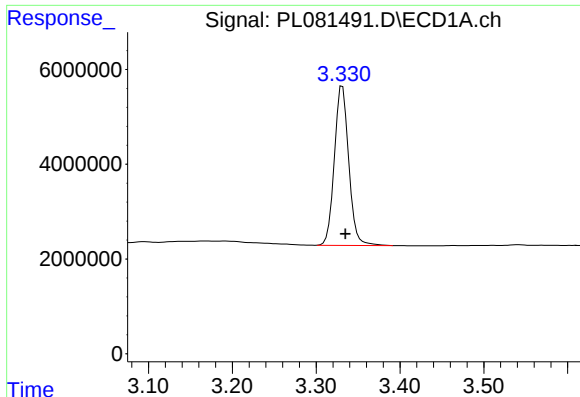
Manual Integrations
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Supervised By : Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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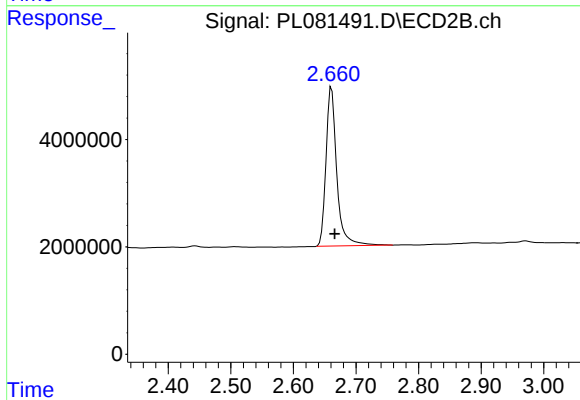
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 39996864
Conc: 18.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

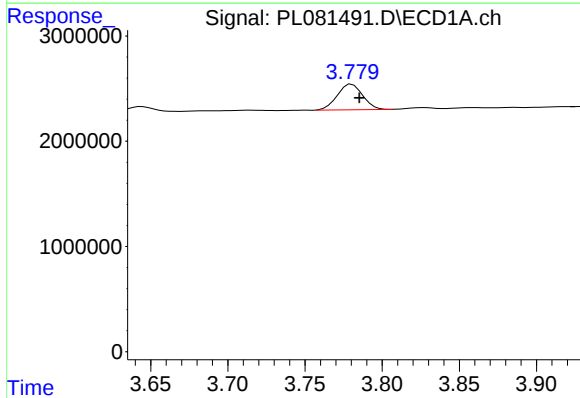
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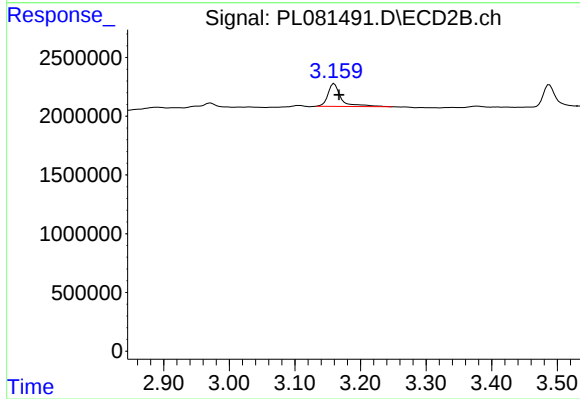
#1 Tetrachloro-m-xylene

R.T.: 2.661 min
Delta R.T.: -0.005 min
Response: 35488202
Conc: 17.54 ng/ml



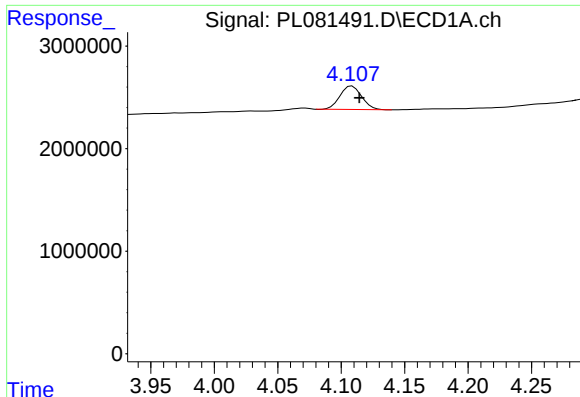
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.005 min
Response: 2783125
Conc: 0.87 ng/ml



#2 alpha-BHC

R.T.: 3.160 min
Delta R.T.: -0.008 min
Response: 2715730
Conc: 0.93 ng/ml



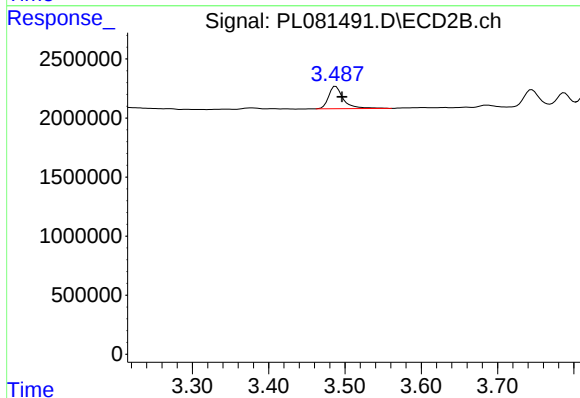
#3 gamma-BHC (Lindane)

R.T.: 4.109 min
Delta R.T.: -0.006 min
Response: 2722618
Conc: 0.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

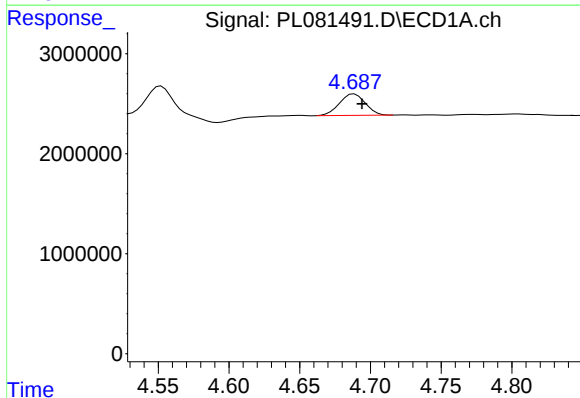
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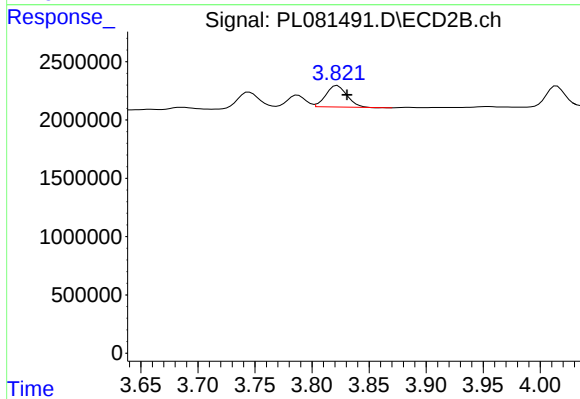
#3 gamma-BHC (Lindane)

R.T.: 3.488 min
Delta R.T.: -0.008 min
Response: 2551603
Conc: 0.93 ng/ml



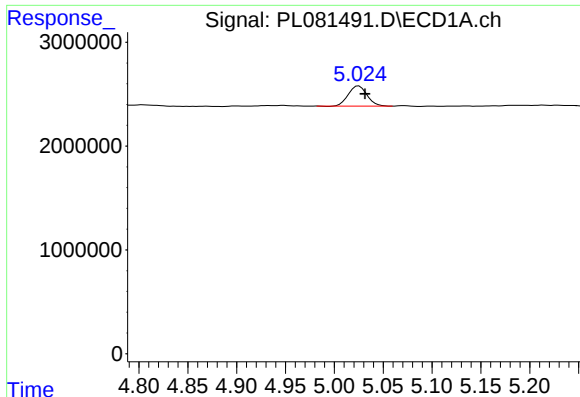
#4 Heptachlor

R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 2746182
Conc: 1.00 ng/ml



#4 Heptachlor

R.T.: 3.822 min
Delta R.T.: -0.008 min
Response: 2372791
Conc: 0.86 ng/ml



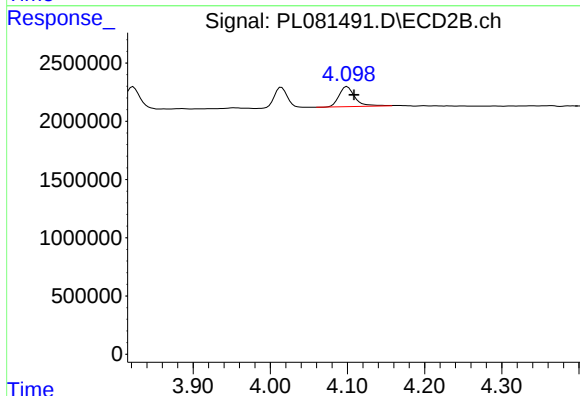
#5 Aldrin

R.T.: 5.025 min
Delta R.T.: -0.007 min
Response: 2594913
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

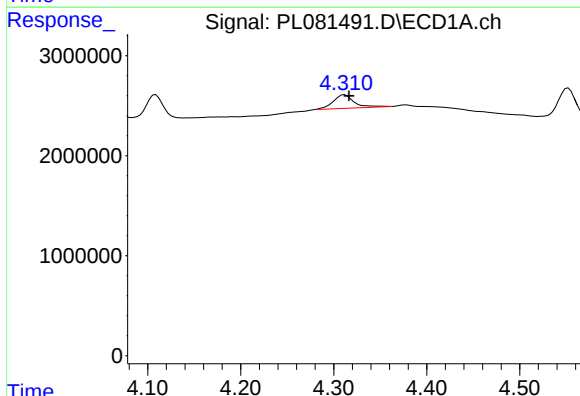
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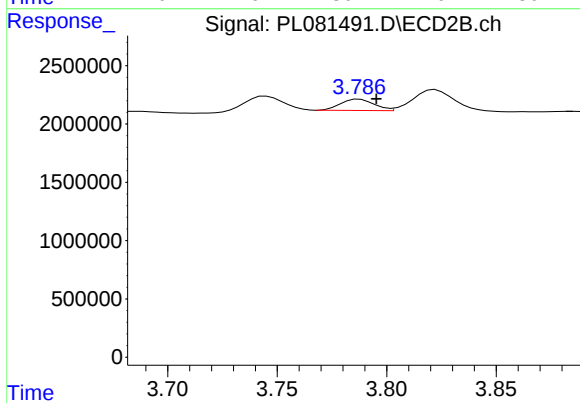
#5 Aldrin

R.T.: 4.100 min
Delta R.T.: -0.009 min
Response: 2460433
Conc: 0.94 ng/ml



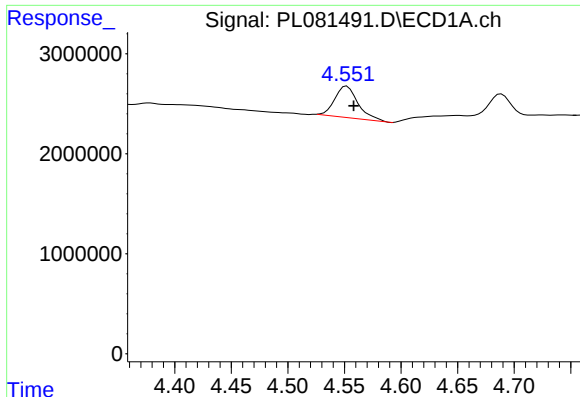
#6 beta-BHC

R.T.: 4.312 min
Delta R.T.: -0.005 min
Response: 2107969
Conc: 1.53 ng/ml



#6 beta-BHC

R.T.: 3.788 min
Delta R.T.: -0.008 min
Response: 1035246
Conc: 0.89 ng/ml



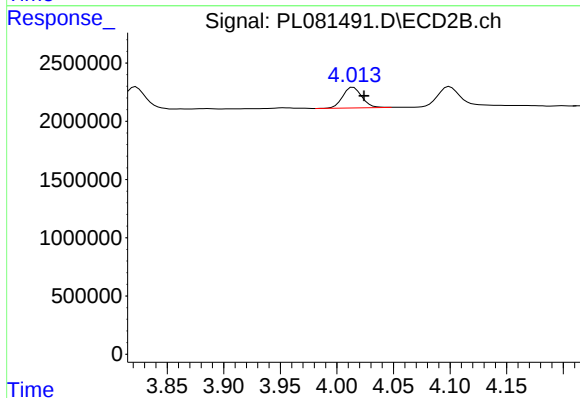
#7 delta-BHC

R.T.: 4.552 min
Delta R.T.: -0.006 min
Response: 4521169
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

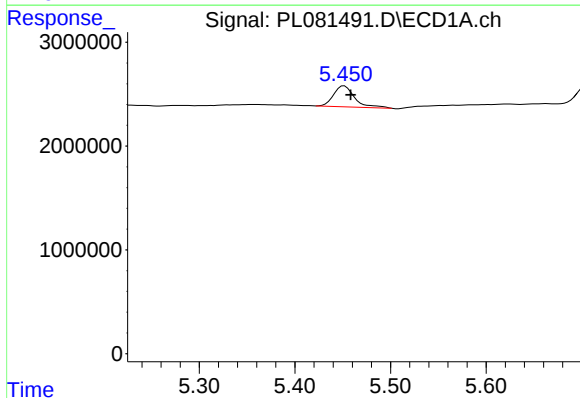
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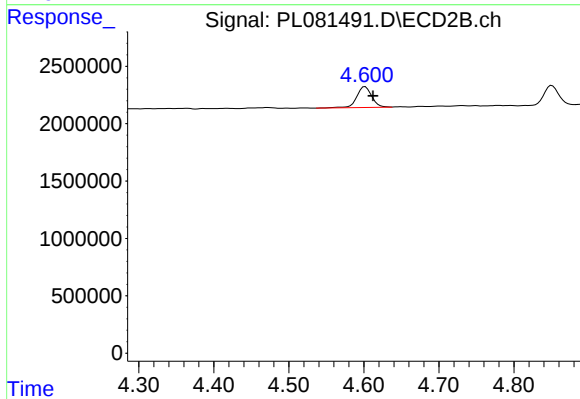
#7 delta-BHC

R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 2099540
Conc: 0.82 ng/ml



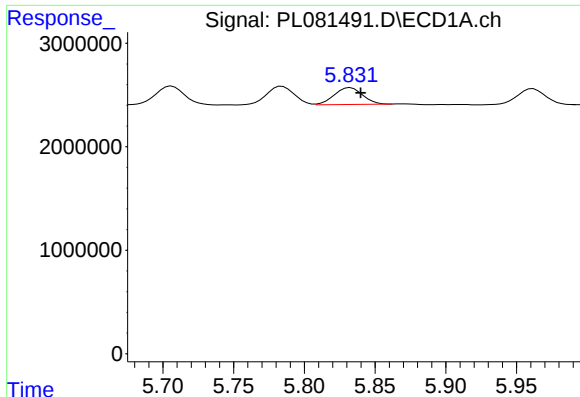
#8 Heptachlor epoxide

R.T.: 5.452 min
Delta R.T.: -0.007 min
Response: 3046724
Conc: 1.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.602 min
Delta R.T.: -0.010 min
Response: 2539210
Conc: 1.05 ng/ml



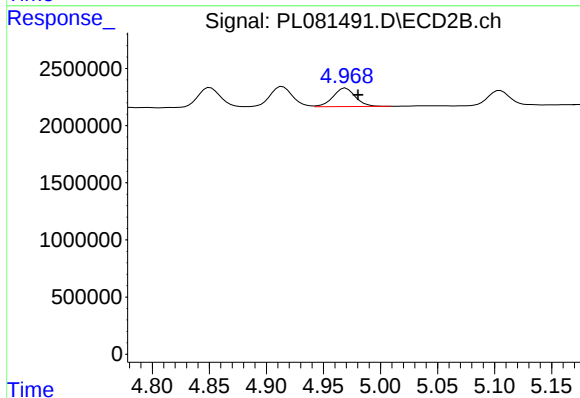
#9 Endosulfan I

R.T.: 5.833 min
Delta R.T.: -0.007 min
Response: 2249148
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

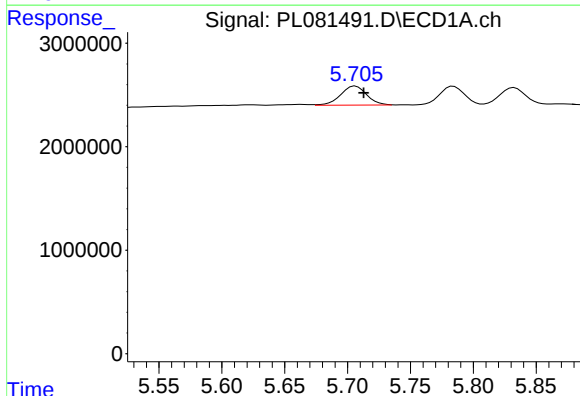
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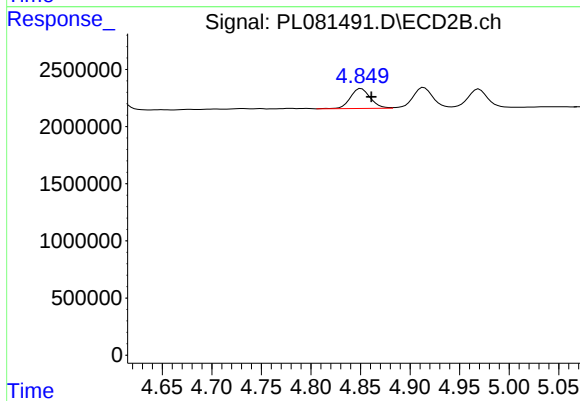
#9 Endosulfan I

R.T.: 4.970 min
Delta R.T.: -0.011 min
Response: 2221326
Conc: 0.98 ng/ml



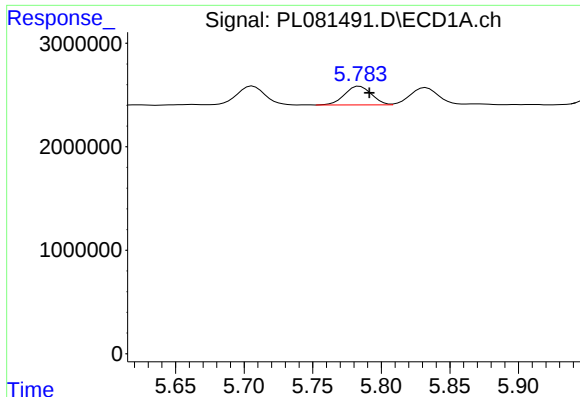
#10 gamma-Chlordane

R.T.: 5.705 min
Delta R.T.: -0.008 min
Response: 2657506
Conc: 1.16 ng/ml m



#10 gamma-Chlordane

R.T.: 4.851 min
Delta R.T.: -0.010 min
Response: 2451717
Conc: 1.00 ng/ml



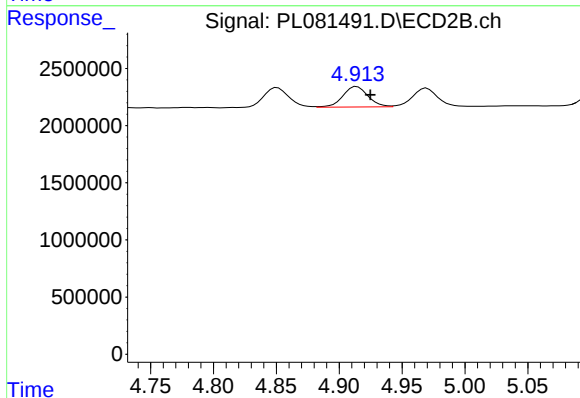
#11 alpha-Chlordane

R.T.: 5.783 min
Delta R.T.: -0.008 min
Response: 2484264
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

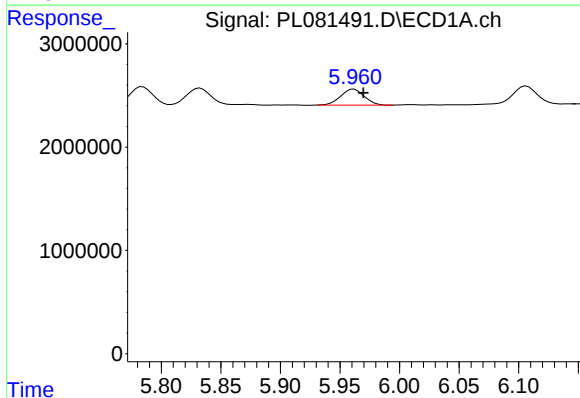
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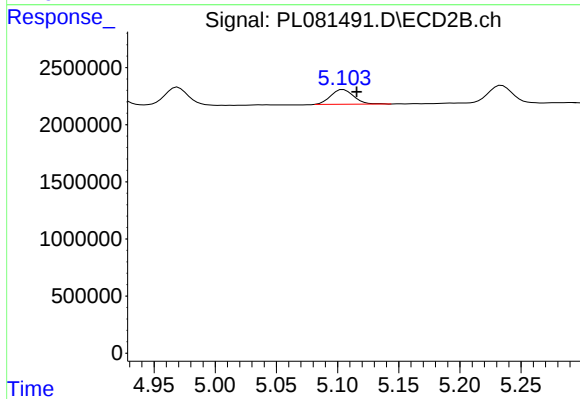
#11 alpha-Chlordane

R.T.: 4.914 min
Delta R.T.: -0.011 min
Response: 2513947
Conc: 1.03 ng/ml



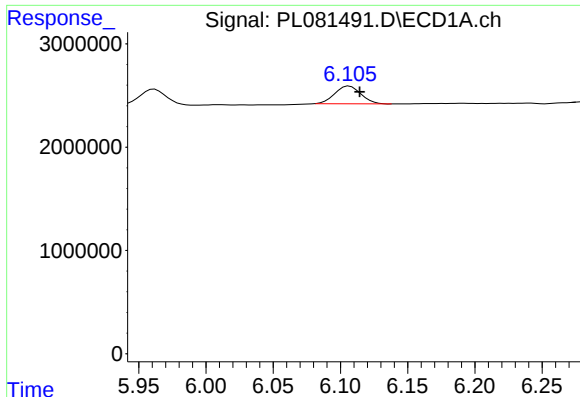
#12 4,4'-DDE

R.T.: 5.962 min
Delta R.T.: -0.008 min
Response: 2131946
Conc: 1.09 ng/ml



#12 4,4'-DDE

R.T.: 5.105 min
Delta R.T.: -0.011 min
Response: 1697617
Conc: 0.86 ng/ml



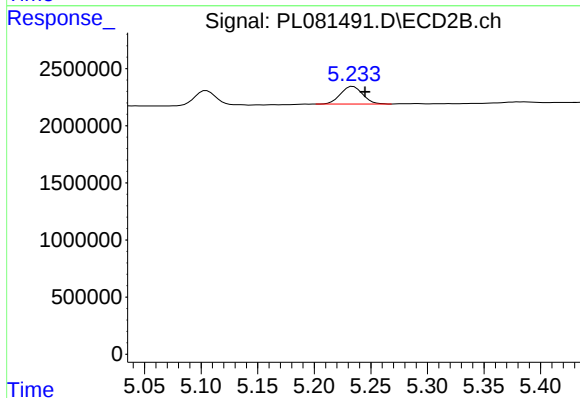
#13 Dieldrin

R.T.: 6.107 min
Delta R.T.: -0.008 min
Response: 2329151
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

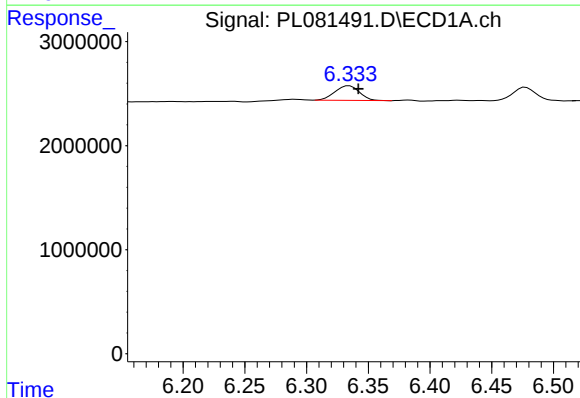
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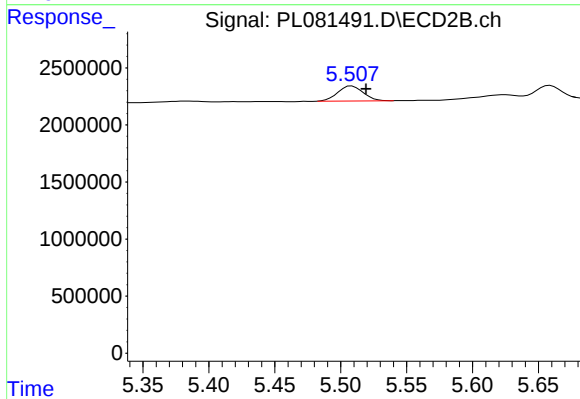
#13 Dieldrin

R.T.: 5.234 min
Delta R.T.: -0.011 min
Response: 2098553
Conc: 0.93 ng/ml



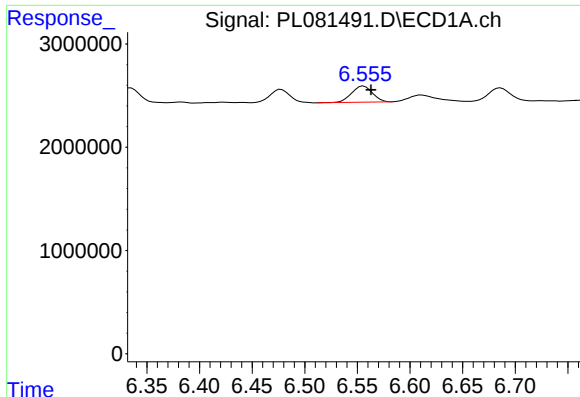
#14 Endrin

R.T.: 6.335 min
Delta R.T.: -0.007 min
Response: 1939181
Conc: 1.07 ng/ml



#14 Endrin

R.T.: 5.508 min
Delta R.T.: -0.011 min
Response: 1778364
Conc: 0.88 ng/ml



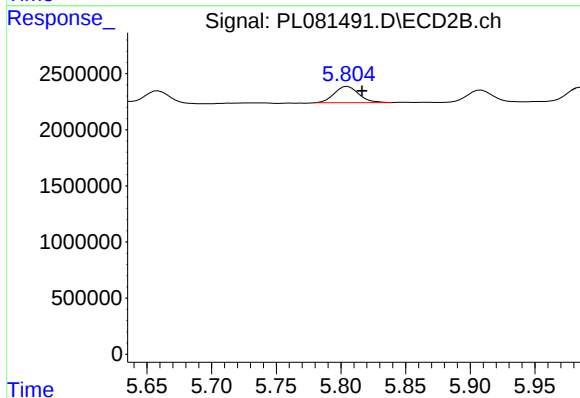
#15 Endosulfan II

R.T.: 6.556 min
Delta R.T.: -0.007 min
Response: 2164659
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

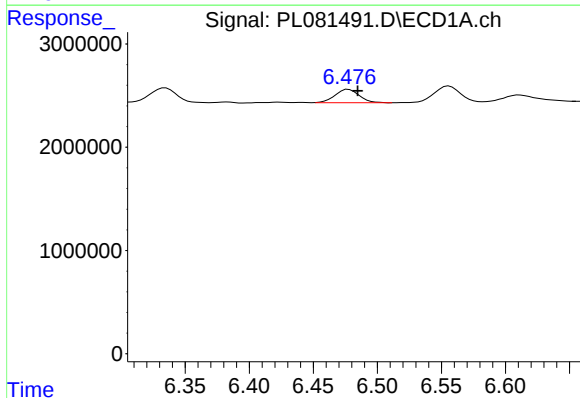
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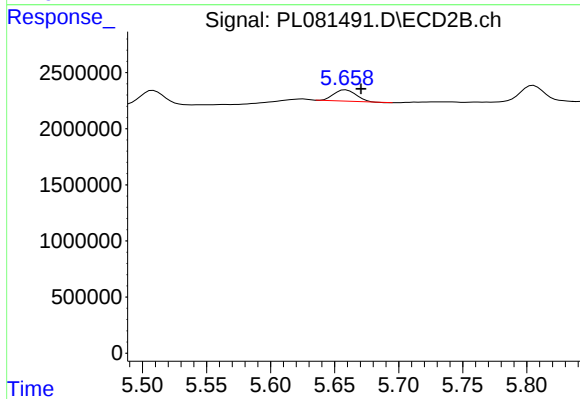
#15 Endosulfan II

R.T.: 5.805 min
Delta R.T.: -0.011 min
Response: 1910726
Conc: 1.04 ng/ml



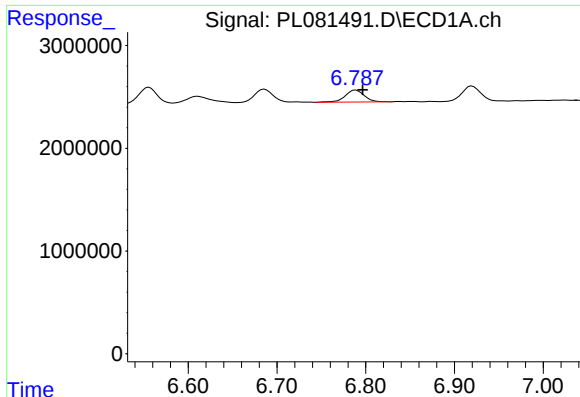
#16 4,4'-DDD

R.T.: 6.477 min
Delta R.T.: -0.007 min
Response: 1697240
Conc: 1.10 ng/ml



#16 4,4'-DDD

R.T.: 5.659 min
Delta R.T.: -0.012 min
Response: 1215421
Conc: 0.79 ng/ml



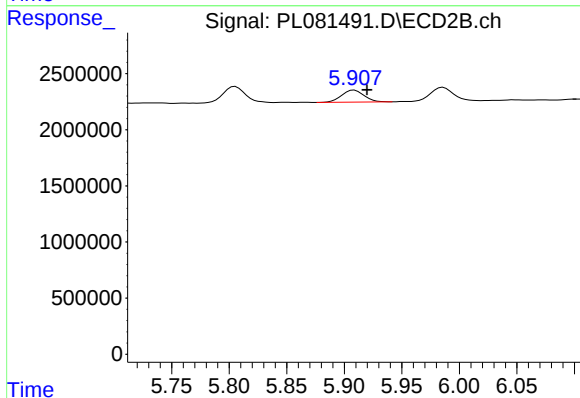
#17 4,4'-DDT

R.T.: 6.789 min
Delta R.T.: -0.008 min
Response: 1726448
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

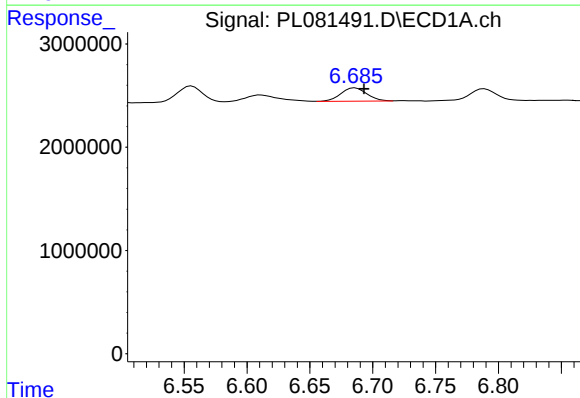
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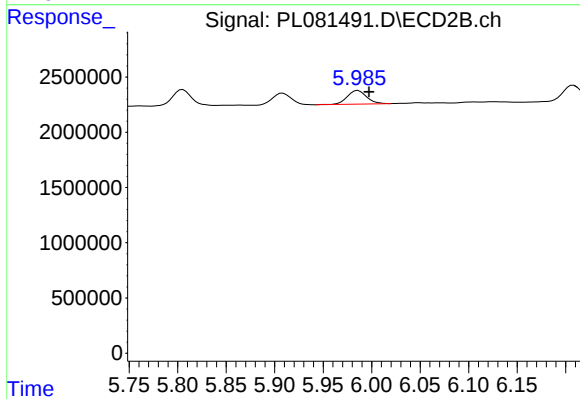
#17 4,4'-DDT

R.T.: 5.909 min
Delta R.T.: -0.011 min
Response: 1460001
Conc: 0.91 ng/ml



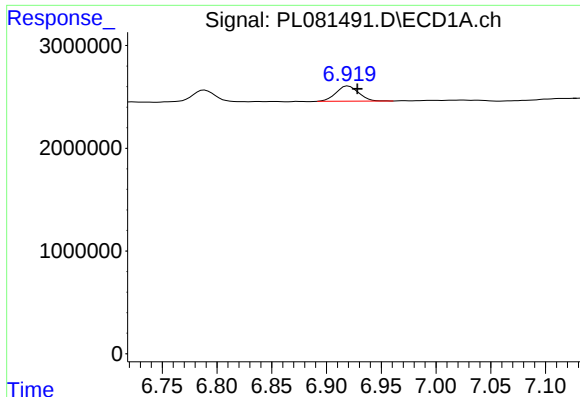
#18 Endrin aldehyde

R.T.: 6.685 min
Delta R.T.: -0.009 min
Response: 1867539
Conc: 1.30 ng/ml m



#18 Endrin aldehyde

R.T.: 5.986 min
Delta R.T.: -0.012 min
Response: 1708141
Conc: 1.13 ng/ml



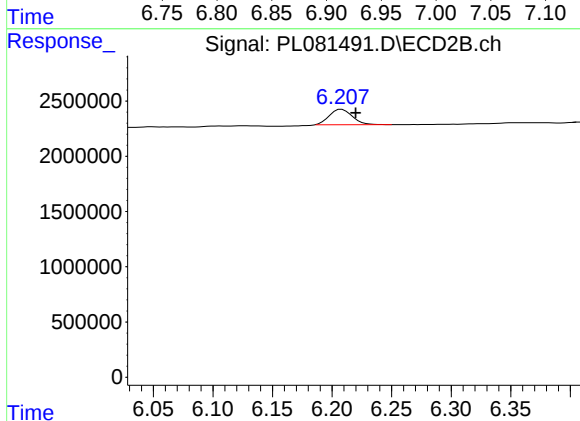
#19 Endosulfan Sulfate

R.T.: 6.920 min
Delta R.T.: -0.008 min
Response: 2120685
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

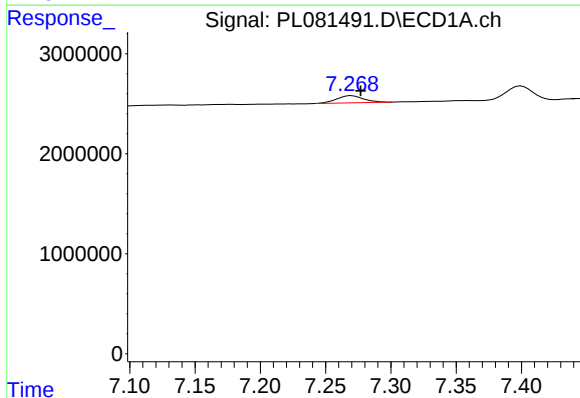
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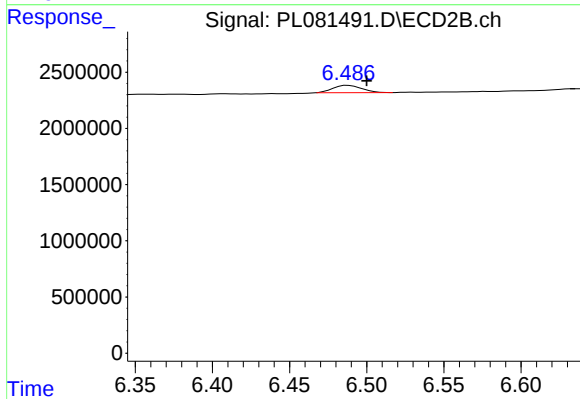
#19 Endosulfan Sulfate

R.T.: 6.208 min
Delta R.T.: -0.012 min
Response: 1889781
Conc: 0.98 ng/ml



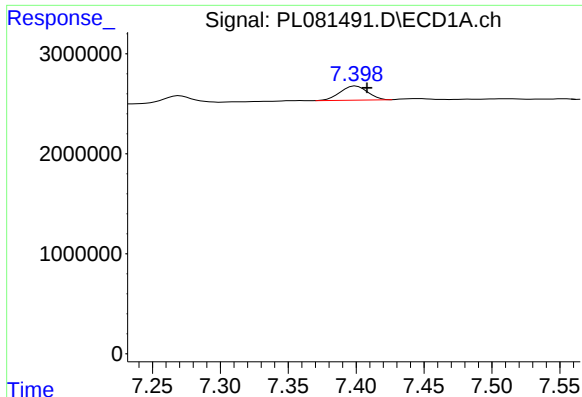
#20 Methoxychlor

R.T.: 7.270 min
Delta R.T.: -0.007 min
Response: 1027982
Conc: 1.19 ng/ml



#20 Methoxychlor

R.T.: 6.488 min
Delta R.T.: -0.012 min
Response: 848123
Conc: 0.91 ng/ml



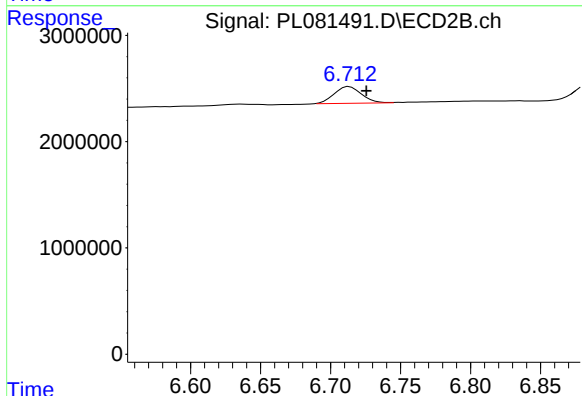
#21 Endrin ketone

R.T.: 7.400 min
Delta R.T.: -0.008 min
Response: 1983091
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

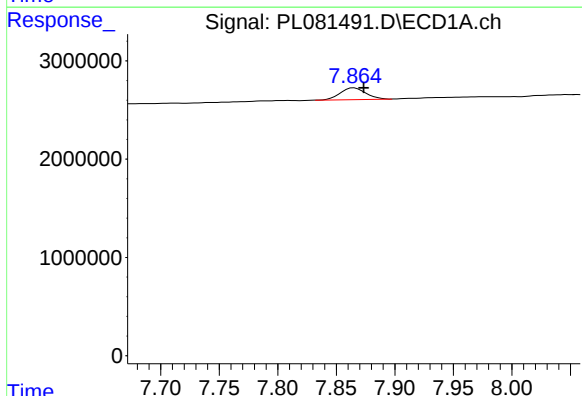
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



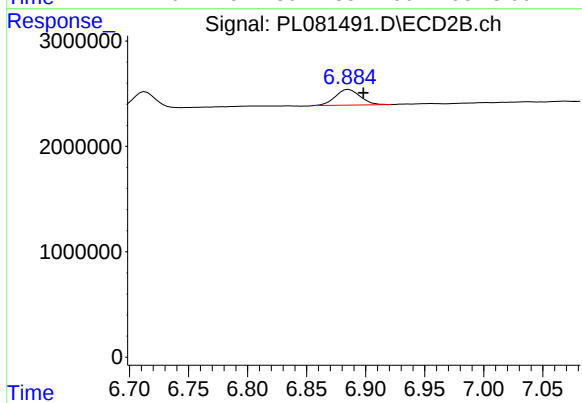
#21 Endrin ketone

R.T.: 6.713 min
Delta R.T.: -0.012 min
Response: 2112490
Conc: 0.98 ng/ml



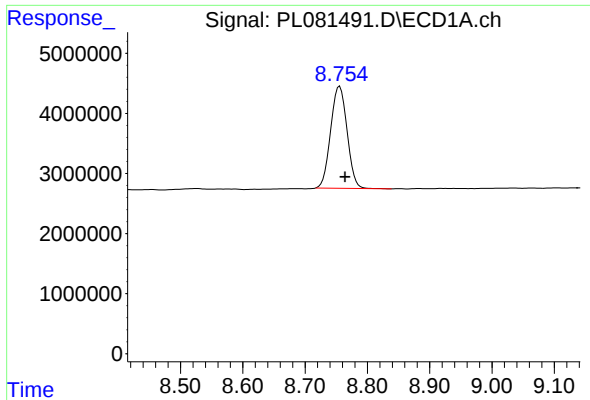
#22 Mirex

R.T.: 7.865 min
Delta R.T.: -0.008 min
Response: 1817936
Conc: 1.25 ng/ml



#22 Mirex

R.T.: 6.886 min
Delta R.T.: -0.012 min
Response: 2170569
Conc: 1.13 ng/ml



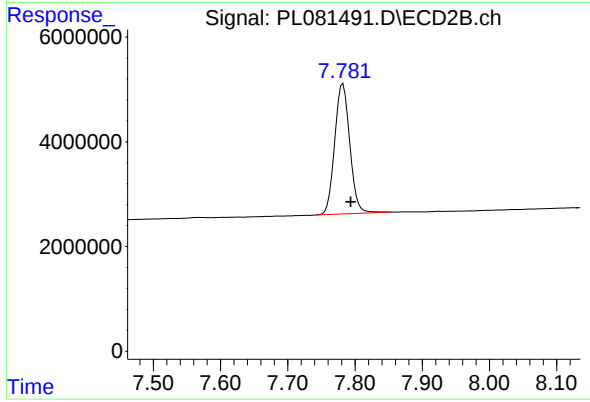
#28 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.009 min
Response: 31126285
Conc: 20.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2022

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.782 min
Delta R.T.: -0.012 min
Response: 38643161
Conc: 20.17 ng/ml