

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111722\
 Data File : PL079182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2022 11:19
 Operator : AR\AJ
 Sample : N4955-01
 Misc : PEST LOD 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 21:13:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111622.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 16 15:31:11 2022
 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...	3.324	2.567	37464947	45026448	17.991	17.679
2)	SA Decachlor...	8.775	7.637	32399260	40253326	19.369	19.404
Target Compounds							
2)	A alpha-BHC	3.783	3.053	2224893	3164000	0.706m	0.782
3)	MA gamma-BHC...	4.118	3.374	3074596	3374330	1.024	0.951
4)	MA Heptachlor	4.687	3.701	2653678	3413005	0.887	0.939
5)	MB Aldrin	5.026	3.971	2476479	3128261	0.885	0.896m
6)	B beta-BHC	4.333	3.675	1221681	1499566	0.929	1.073
7)	B delta-BHC	4.572	3.894	1105231	3164013	0.488	0.881 #
8)	B Heptachlo...	5.460	4.470	2915161	3118722	1.233	1.004
9)	A Endosulfan I	5.843	4.832	2517483	3030734	1.048m	1.026
10)	B gamma-Chl...	5.714	4.718	2463312	3321568	0.964m	1.072
11)	B alpha-Chl...	5.790	4.779	2620938	3314050	1.019m	1.086
12)	B 4,4'-DDE	5.973	4.974	1911596	2574225	0.837m	0.899
13)	MA Dieldrin	6.121	5.094	2139087	3010546	0.882	0.979
14)	MA Endrin	6.351	5.365	1783125	2642580	0.806	1.012 #
15)	B Endosulfa...	6.580	5.662	1750472	2693481	0.776m	1.006 #
16)	A 4,4'-DDD	6.498	5.525	1455639	1923858	0.829m	0.823m
17)	MA 4,4'-DDT	6.809	5.773	1889922	1974432	0.907	0.809
18)	B Endrin al...	6.712	5.841	1676949	2196833	1.049m	1.052
19)	B Endosulfa...	6.946	6.064	1997759	2881498	0.994	1.104
20)	A Methoxychlor	7.292	6.350	1040831	1257104	0.976m	0.952
21)	B Endrin ke...	7.433	6.559	1795048	2677918	0.862	0.947
22)	Mirex	7.889	6.732	1613621	2481100	1.013	1.171

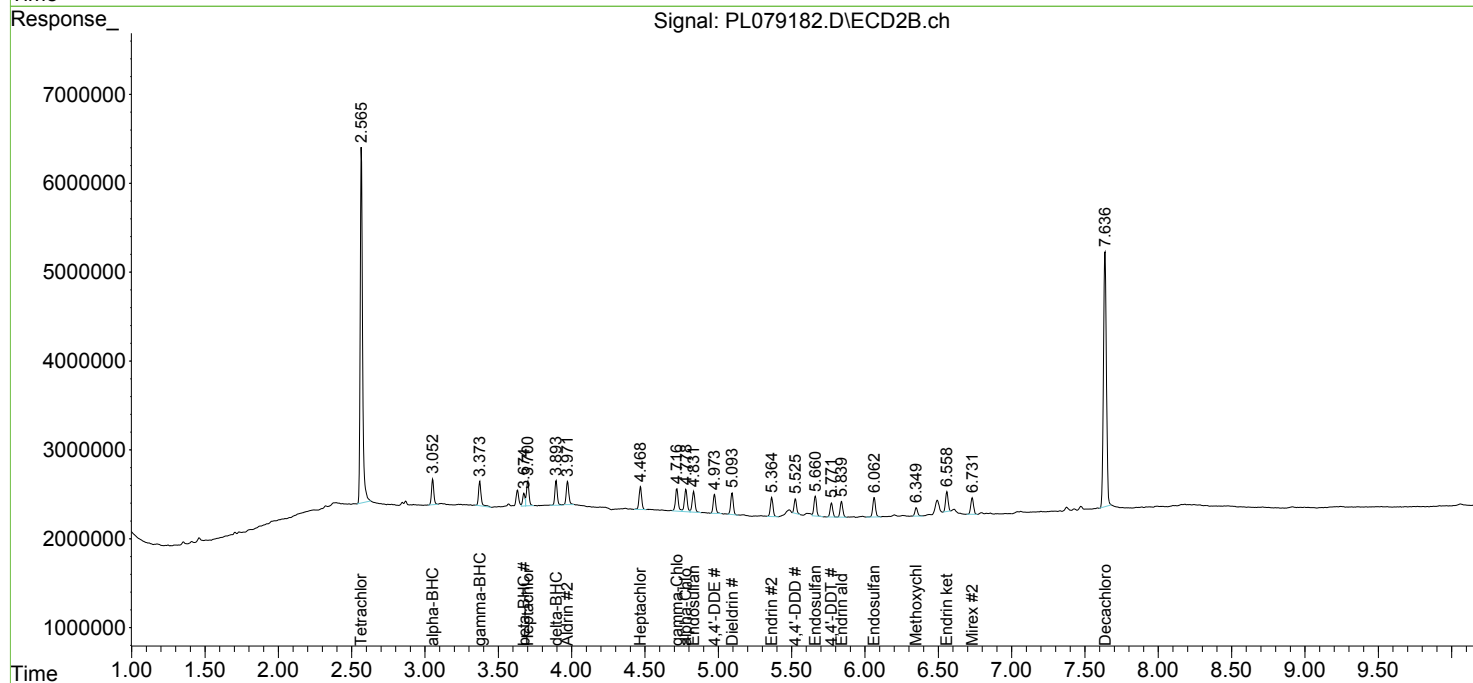
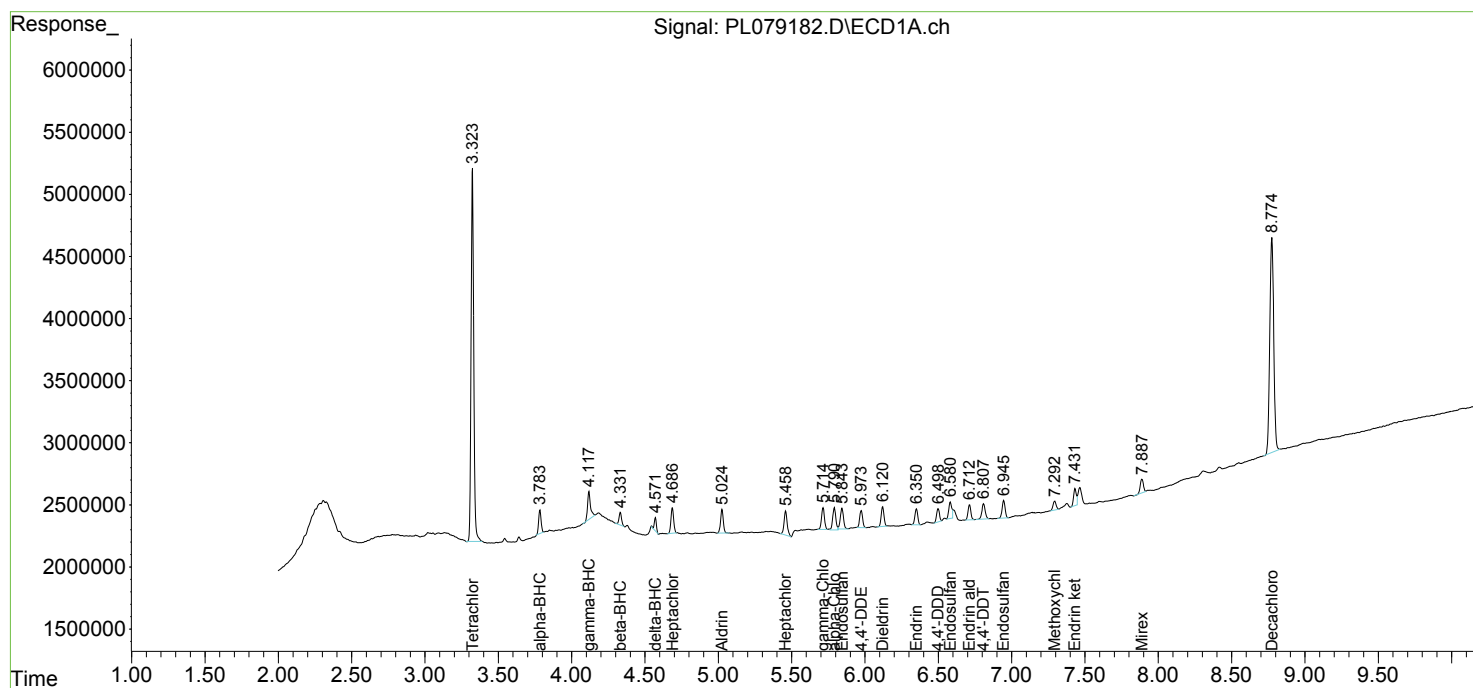
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

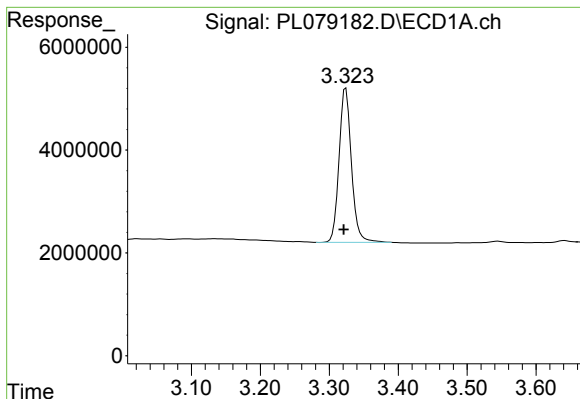
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111722\
Data File : PL079182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2022 11:19
Operator : AR\AJ
Sample : N4955-01
Misc : PEST LOD 1PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 17 21:13:41 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111622.M
Quant Title : GC Extractables
QLast Update : Wed Nov 16 15:31:11 2022
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

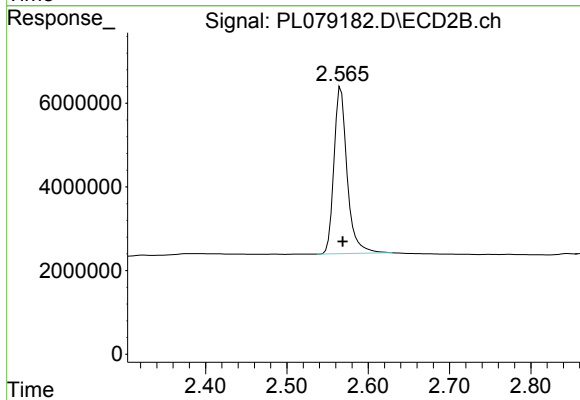




#1 Tetrachloro-m-xylene

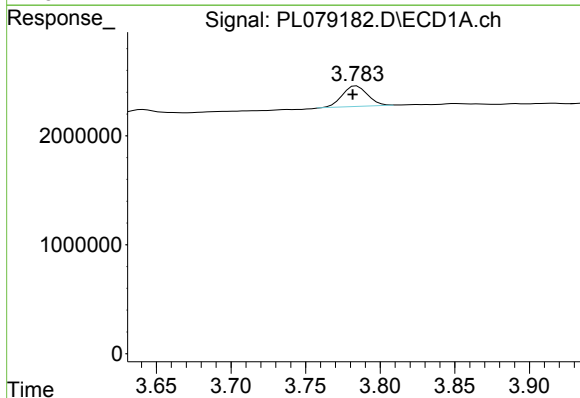
R.T.: 3.324 min
Delta R.T.: 0.003 min
Response: 37464947
Conc: 17.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



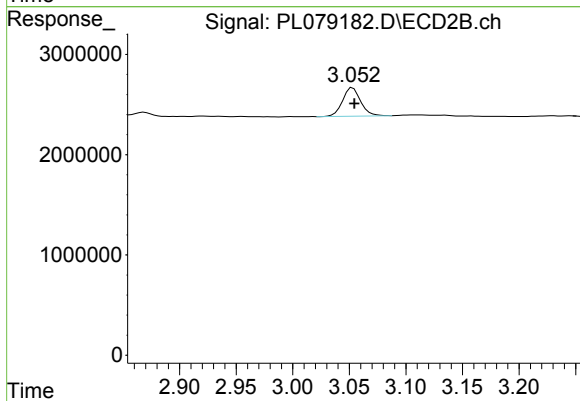
#1 Tetrachloro-m-xylene

R.T.: 2.567 min
Delta R.T.: -0.002 min
Response: 45026448
Conc: 17.68 ng/ml



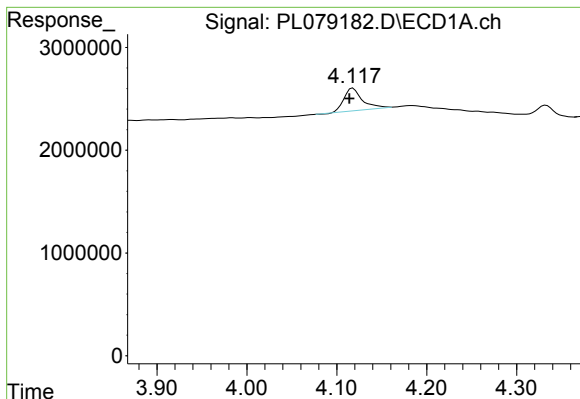
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: 0.001 min
Response: 2224893
Conc: 0.71 ng/ml m



#2 alpha-BHC

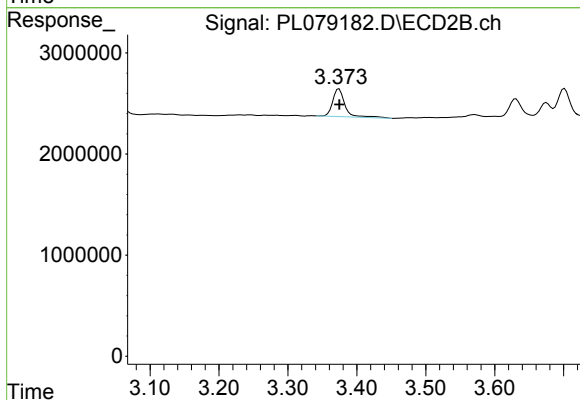
R.T.: 3.053 min
Delta R.T.: -0.002 min
Response: 3164000
Conc: 0.78 ng/ml



#3 gamma-BHC (Lindane)

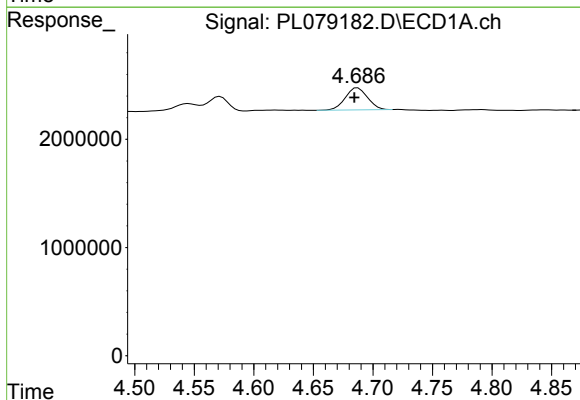
R.T.: 4.118 min
Delta R.T.: 0.004 min
Response: 3074596
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



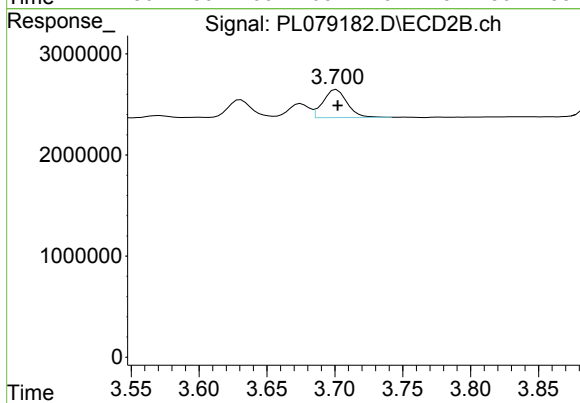
#3 gamma-BHC (Lindane)

R.T.: 3.374 min
Delta R.T.: 0.000 min
Response: 3374330
Conc: 0.95 ng/ml



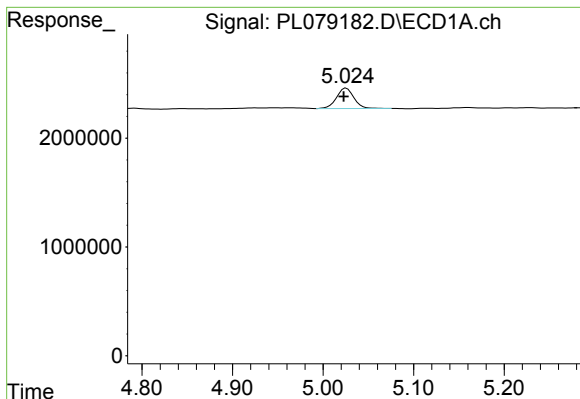
#4 Heptachlor

R.T.: 4.687 min
Delta R.T.: 0.003 min
Response: 2653678
Conc: 0.89 ng/ml



#4 Heptachlor

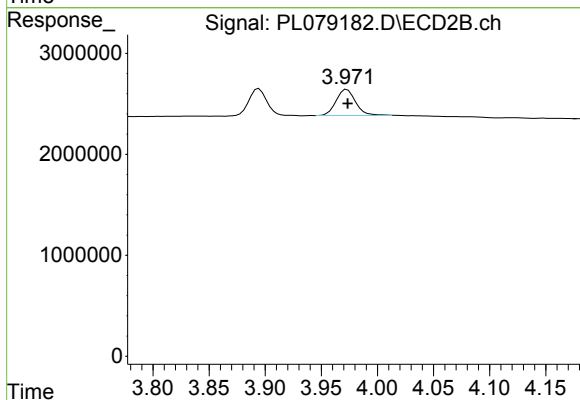
R.T.: 3.701 min
Delta R.T.: 0.000 min
Response: 3413005
Conc: 0.94 ng/ml



#5 Aldrin

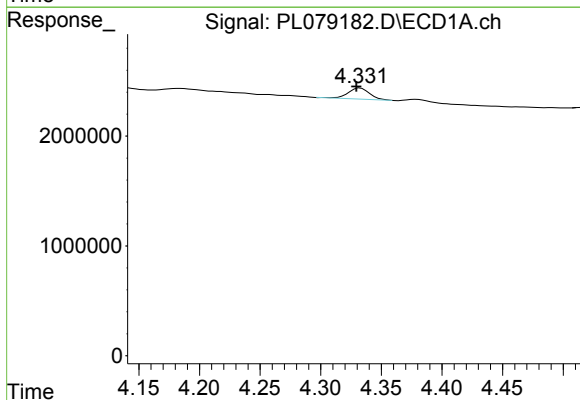
R.T.: 5.026 min
Delta R.T.: 0.003 min
Response: 2476479
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



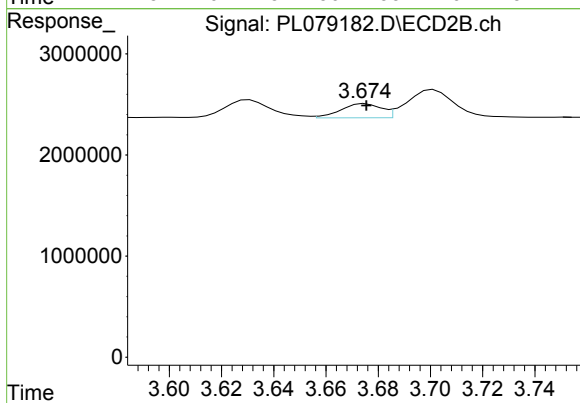
#5 Aldrin

R.T.: 3.971 min
Delta R.T.: -0.002 min
Response: 3128261
Conc: 0.90 ng/ml m



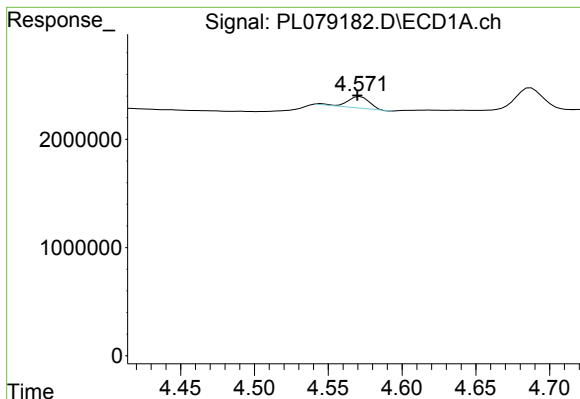
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.003 min
Response: 1221681
Conc: 0.93 ng/ml



#6 beta-BHC

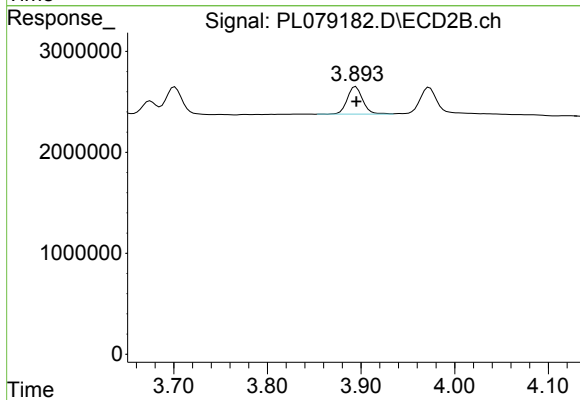
R.T.: 3.675 min
Delta R.T.: 0.000 min
Response: 1499566
Conc: 1.07 ng/ml



#7 delta-BHC

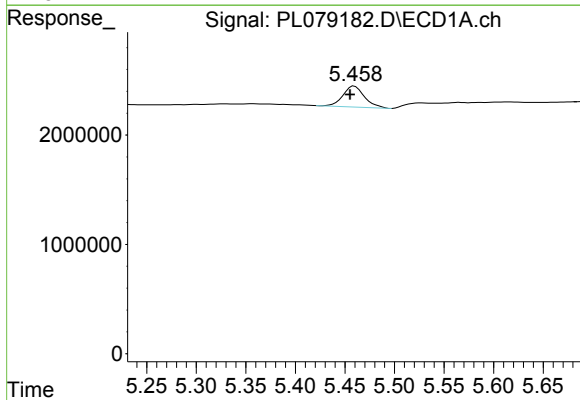
R.T.: 4.572 min
Delta R.T.: 0.002 min
Response: 1105231
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



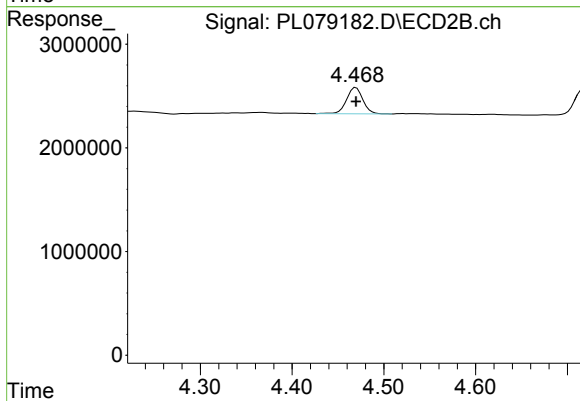
#7 delta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 3164013
Conc: 0.88 ng/ml



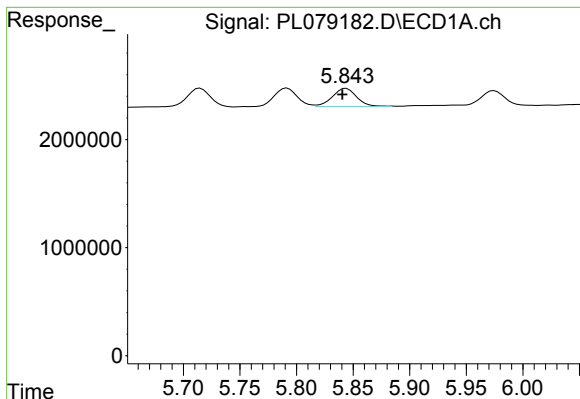
#8 Heptachlor epoxide

R.T.: 5.460 min
Delta R.T.: 0.004 min
Response: 2915161
Conc: 1.23 ng/ml



#8 Heptachlor epoxide

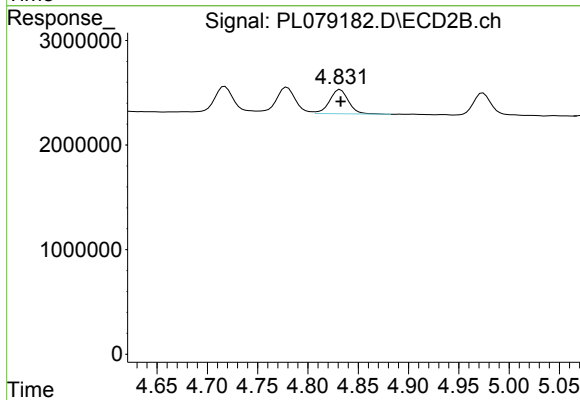
R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3118722
Conc: 1.00 ng/ml



#9 Endosulfan I

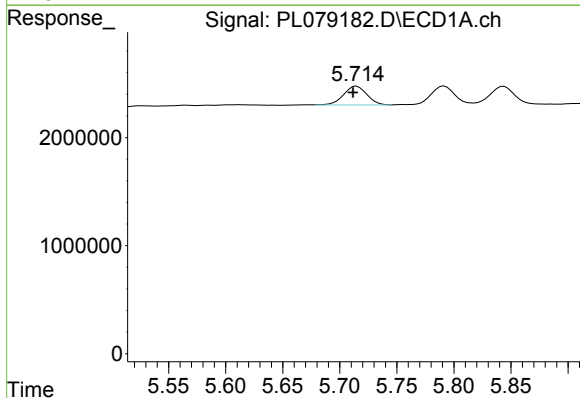
R.T.: 5.843 min
Delta R.T.: 0.002 min
Response: 2517483
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



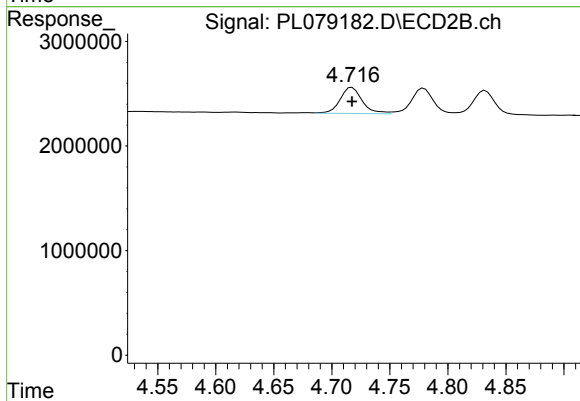
#9 Endosulfan I

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 3030734
Conc: 1.03 ng/ml



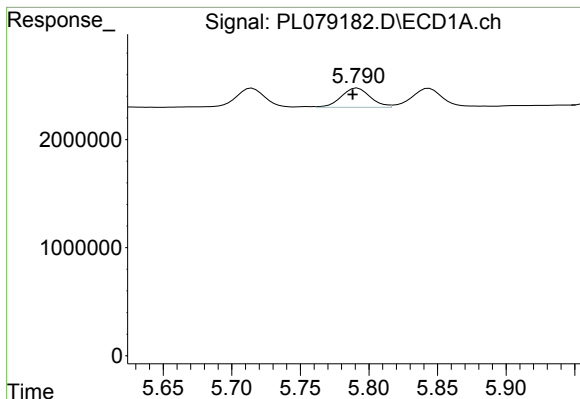
#10 gamma-Chlordane

R.T.: 5.714 min
Delta R.T.: 0.002 min
Response: 2463312
Conc: 0.96 ng/ml m



#10 gamma-Chlordane

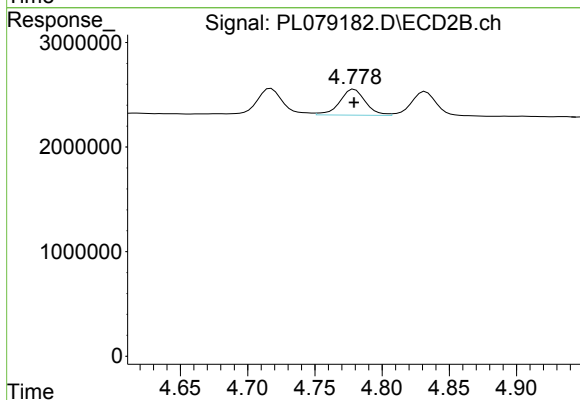
R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 3321568
Conc: 1.07 ng/ml



#11 alpha-Chlordane

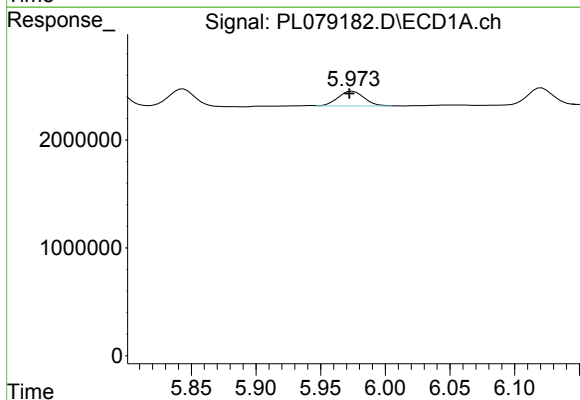
R.T.: 5.790 min
Delta R.T.: 0.002 min
Response: 2620938
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



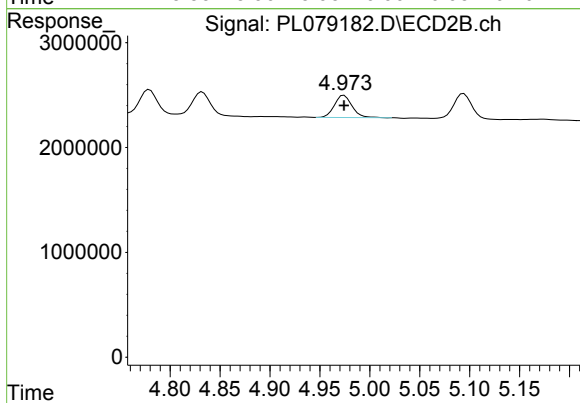
#11 alpha-Chlordane

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 3314050
Conc: 1.09 ng/ml



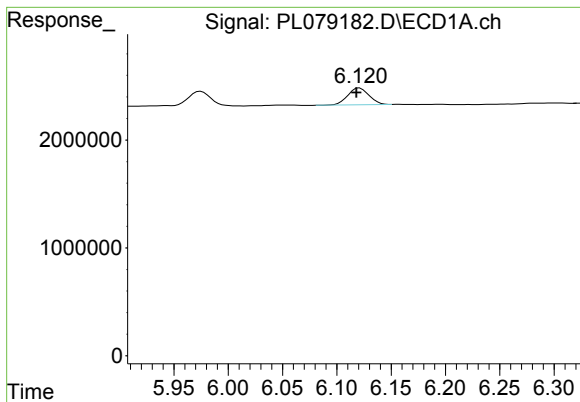
#12 4,4'-DDE

R.T.: 5.973 min
Delta R.T.: 0.001 min
Response: 1911596
Conc: 0.84 ng/ml m



#12 4,4'-DDE

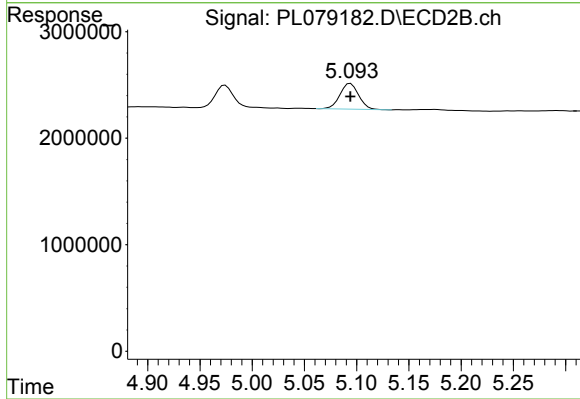
R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 2574225
Conc: 0.90 ng/ml



#13 Dieldrin

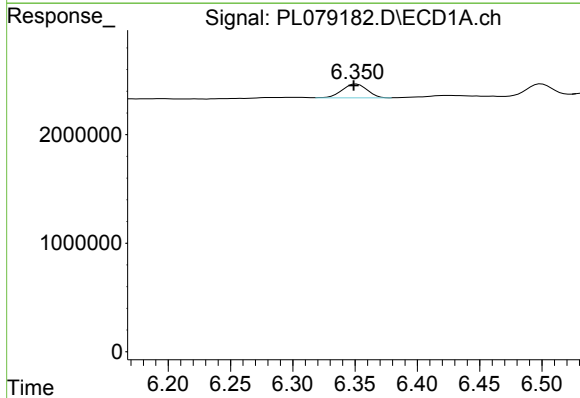
R.T.: 6.121 min
Delta R.T.: 0.003 min
Response: 2139087
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



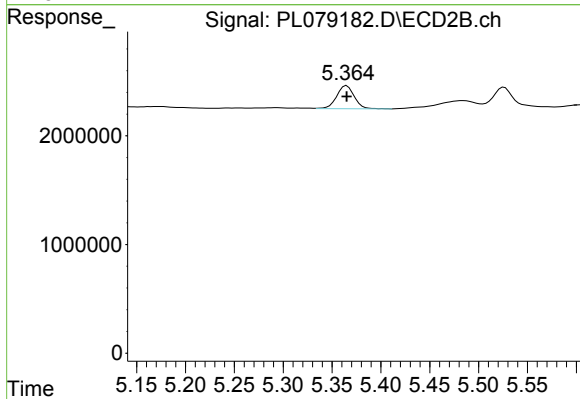
#13 Dieldrin

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 3010546
Conc: 0.98 ng/ml



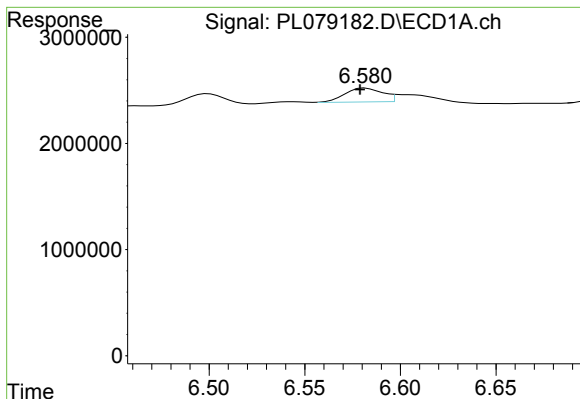
#14 Endrin

R.T.: 6.351 min
Delta R.T.: 0.002 min
Response: 1783125
Conc: 0.81 ng/ml



#14 Endrin

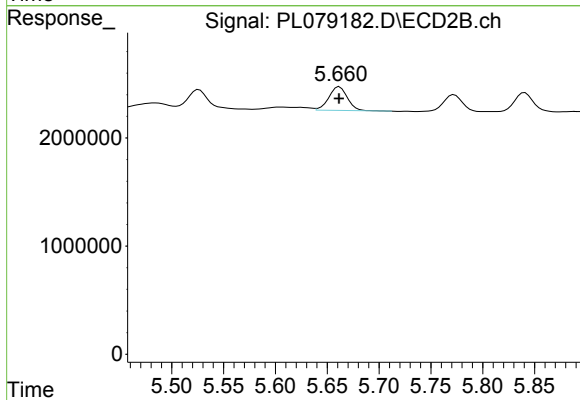
R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 2642580
Conc: 1.01 ng/ml



#15 Endosulfan II

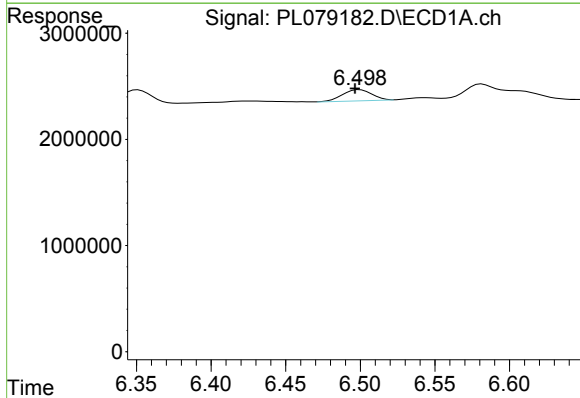
R.T.: 6.580 min
Delta R.T.: 0.001 min
Response: 1750472
Conc: 0.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



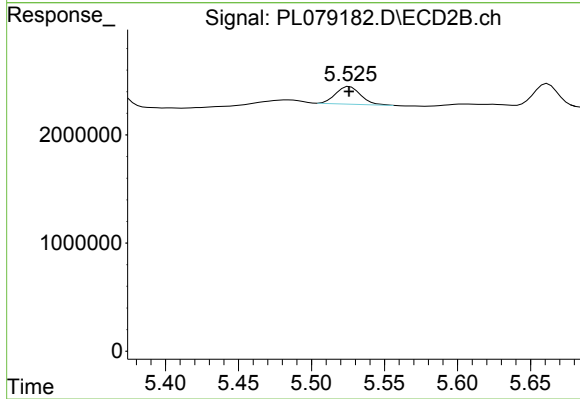
#15 Endosulfan II

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 2693481
Conc: 1.01 ng/ml



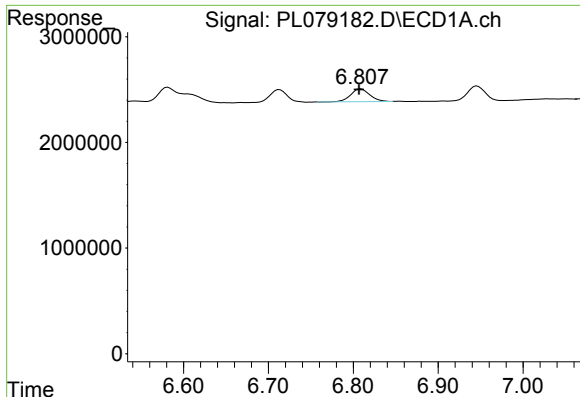
#16 4,4'-DDD

R.T.: 6.498 min
Delta R.T.: 0.002 min
Response: 1455639
Conc: 0.83 ng/ml m



#16 4,4'-DDD

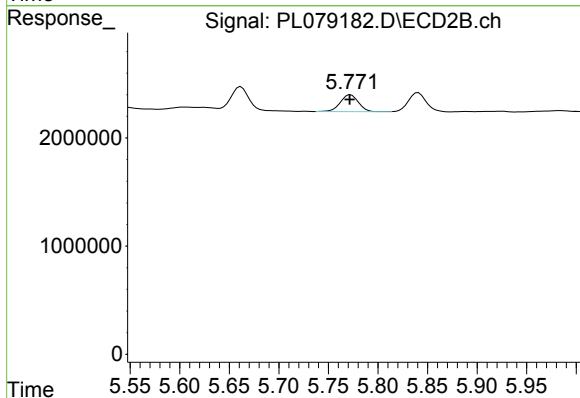
R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 1923858
Conc: 0.82 ng/ml m



#17 4,4'-DDT

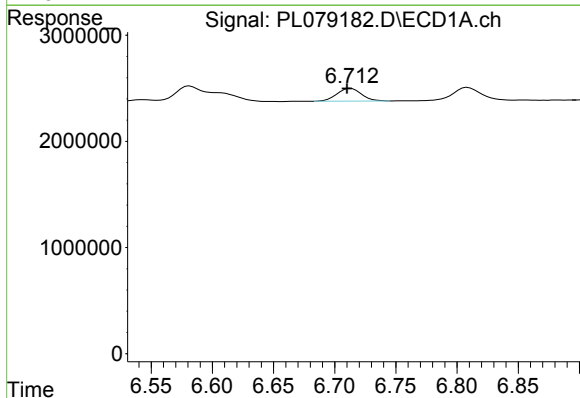
R.T.: 6.809 min
Delta R.T.: 0.002 min
Response: 1889922
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



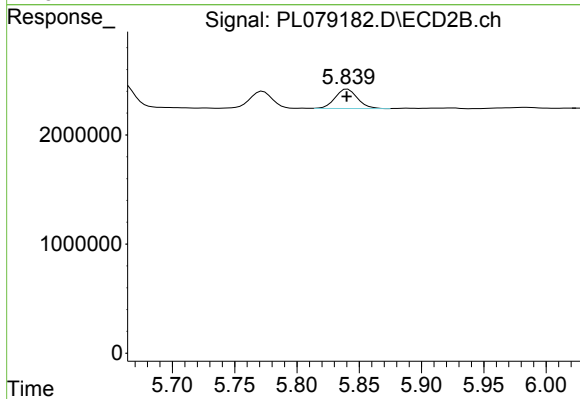
#17 4,4'-DDT

R.T.: 5.773 min
Delta R.T.: 0.001 min
Response: 1974432
Conc: 0.81 ng/ml



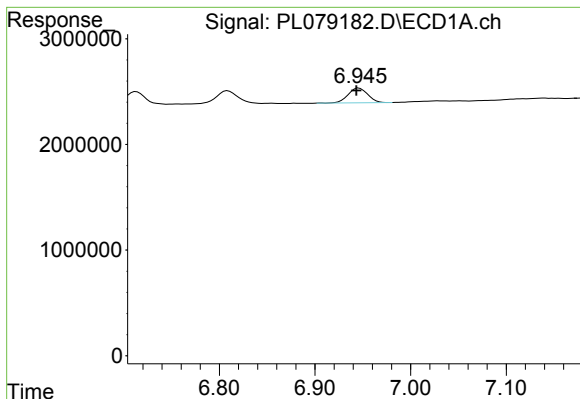
#18 Endrin aldehyde

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 1676949
Conc: 1.05 ng/ml m



#18 Endrin aldehyde

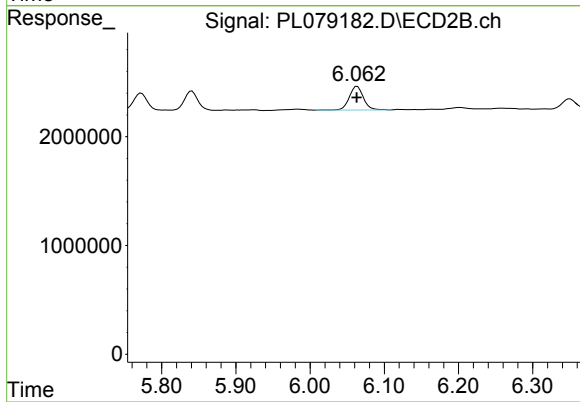
R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 2196833
Conc: 1.05 ng/ml



#19 Endosulfan Sulfate

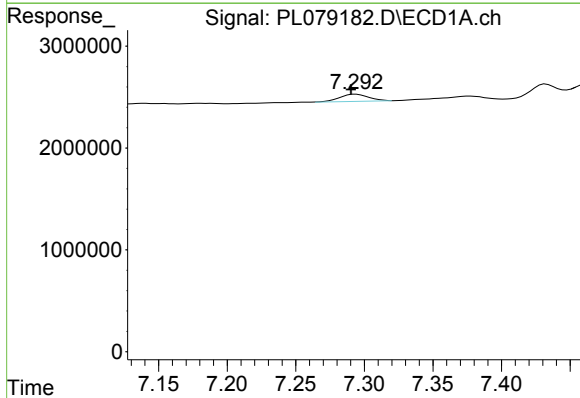
R.T.: 6.946 min
Delta R.T.: 0.003 min
Response: 1997759
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



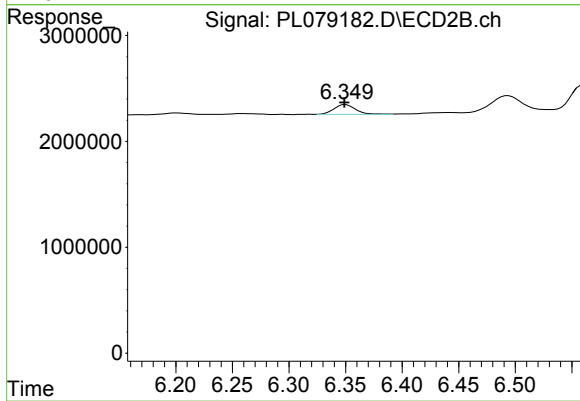
#19 Endosulfan Sulfate

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 2881498
Conc: 1.10 ng/ml



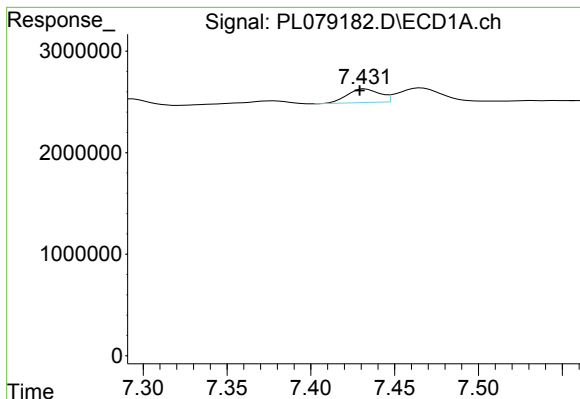
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: 0.002 min
Response: 1040831
Conc: 0.98 ng/ml m



#20 Methoxychlor

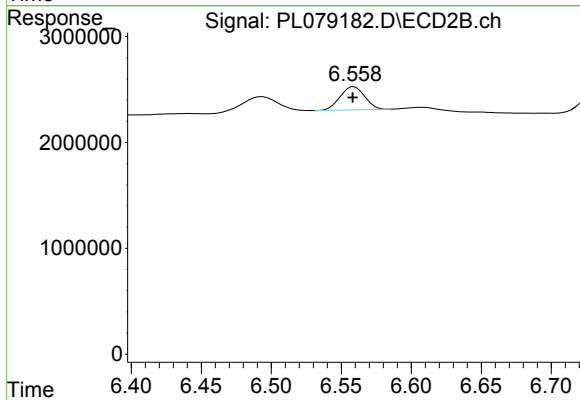
R.T.: 6.350 min
Delta R.T.: 0.001 min
Response: 1257104
Conc: 0.95 ng/ml



#21 Endrin ketone

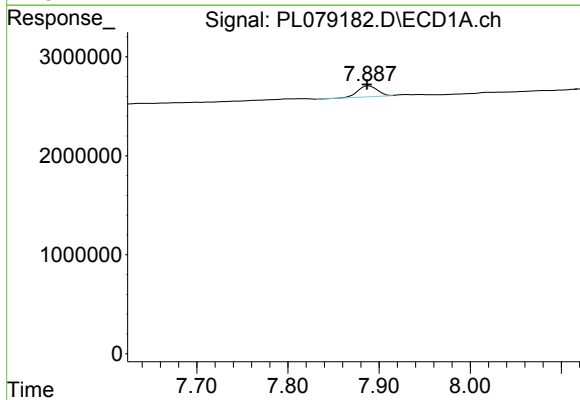
R.T.: 7.433 min
Delta R.T.: 0.003 min
Response: 1795048
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



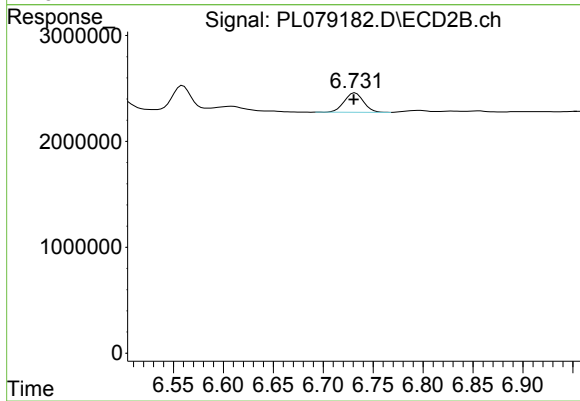
#21 Endrin ketone

R.T.: 6.559 min
Delta R.T.: 0.001 min
Response: 2677918
Conc: 0.95 ng/ml



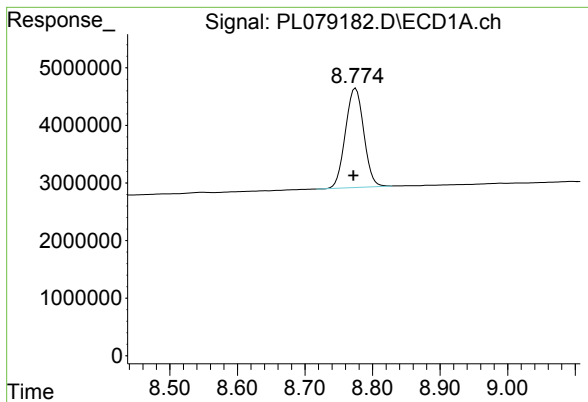
#22 Mirex

R.T.: 7.889 min
Delta R.T.: 0.002 min
Response: 1613621
Conc: 1.01 ng/ml



#22 Mirex

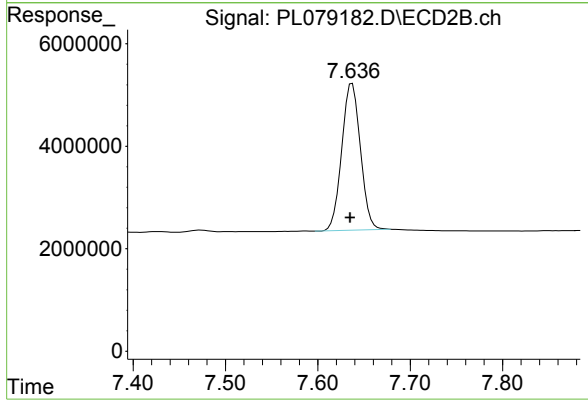
R.T.: 6.732 min
Delta R.T.: 0.002 min
Response: 2481100
Conc: 1.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: 0.003 min
Response: 32399260
Conc: 19.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



#28 Decachlorobiphenyl

R.T.: 7.637 min
Delta R.T.: 0.002 min
Response: 40253326
Conc: 19.40 ng/ml