

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111722\
 Data File : PL079184.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2022 13:03
 Operator : AR\AJ
 Sample : N4955-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 11 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 21:15:07 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...	3.326	2.565	40495652	48044369	19.447	18.864
2)	SA Decachlor...	8.779	7.638	34621836	41798542	20.698	20.149
Target Compounds							
2)	A alpha-BHC	3.786	3.052	7044329	8416504	2.235	2.081
3)	MA gamma-BHC...	4.118	3.373	5740859	8292953	1.913m	2.337
4)	MA Heptachlor	4.690	3.700	7244987	9058850	2.422	2.494
5)	MB Aldrin	5.028	3.972	6395262	8515347	2.285	2.438
6)	B beta-BHC	4.335	3.674	2939780	3871651	2.235	2.770
7)	B delta-BHC	4.574	3.894	5103866	8044961	2.254m	2.240
8)	B Heptachlo...	5.462	4.469	6983465	7972564	2.955	2.568
9)	A Endosulfan I	5.844	4.832	5748651	7548447	2.394m	2.554
10)	B gamma-Chl...	5.716	4.717	6534389	8024040	2.556m	2.590
11)	B alpha-Chl...	5.793	4.778	7429466	7818240	2.888m	2.561m
12)	B 4,4'-DDE	5.977	4.975	5521891	6478469	2.417	2.262
13)	MA Dieldrin	6.122	5.094	5680648	7663583	2.342m	2.492
14)	MA Endrin	6.355	5.365	5296215	6666261	2.393	2.552
15)	B Endosulfa...	6.584	5.663	6237052	6898538	2.765m	2.577
16)	A 4,4'-DDD	6.500	5.526	4653317	5525615	2.650m	2.363
17)	MA 4,4'-DDT	6.812	5.773	4452091	5674117	2.136	2.325
18)	B Endrin al...	6.715	5.841	4743308	5621910	2.968m	2.693
19)	B Endosulfa...	6.949	6.064	5227630	7010849	2.601	2.687
20)	A Methoxychlor	7.297	6.350	2492425	2904018	2.338	2.198
21)	B Endrin ke...	7.434	6.560	6419877	7112382	3.083m	2.515
22)	Mirex	7.892	6.732	4592767	6162631	2.884	2.908

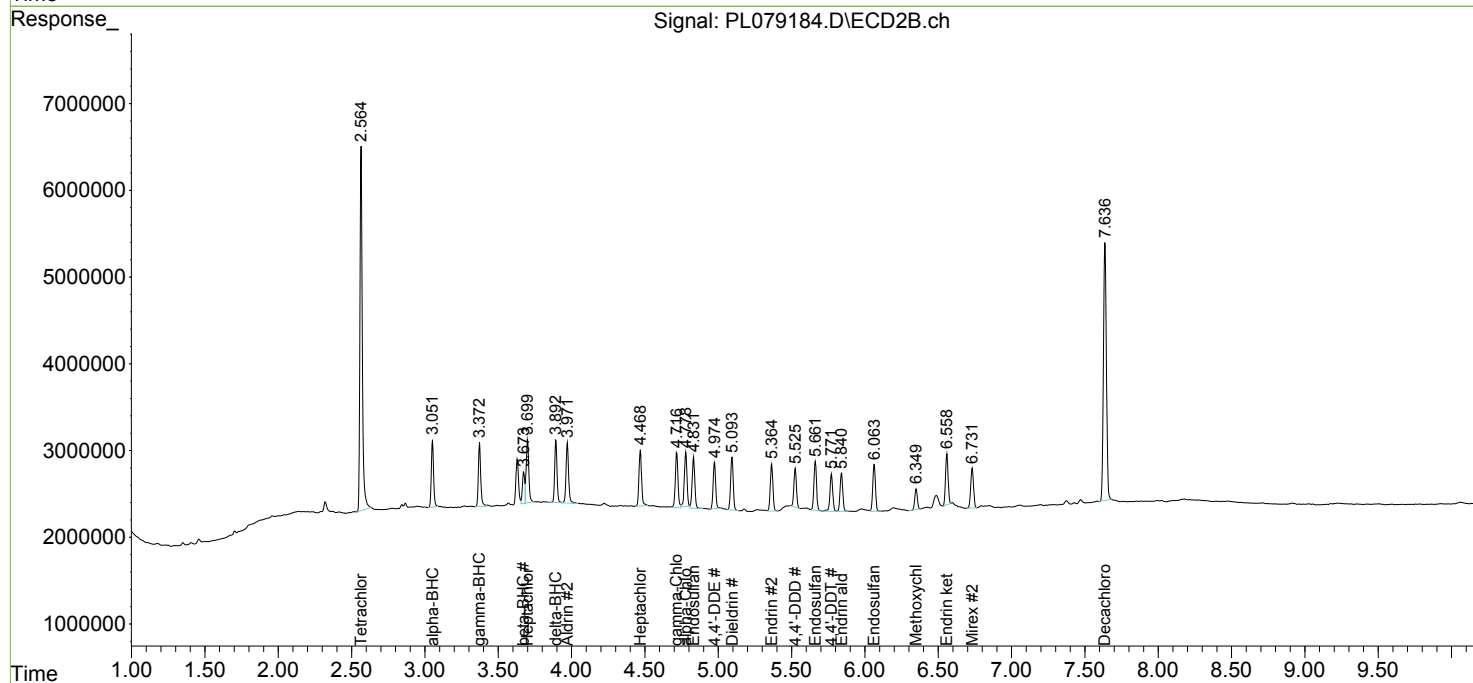
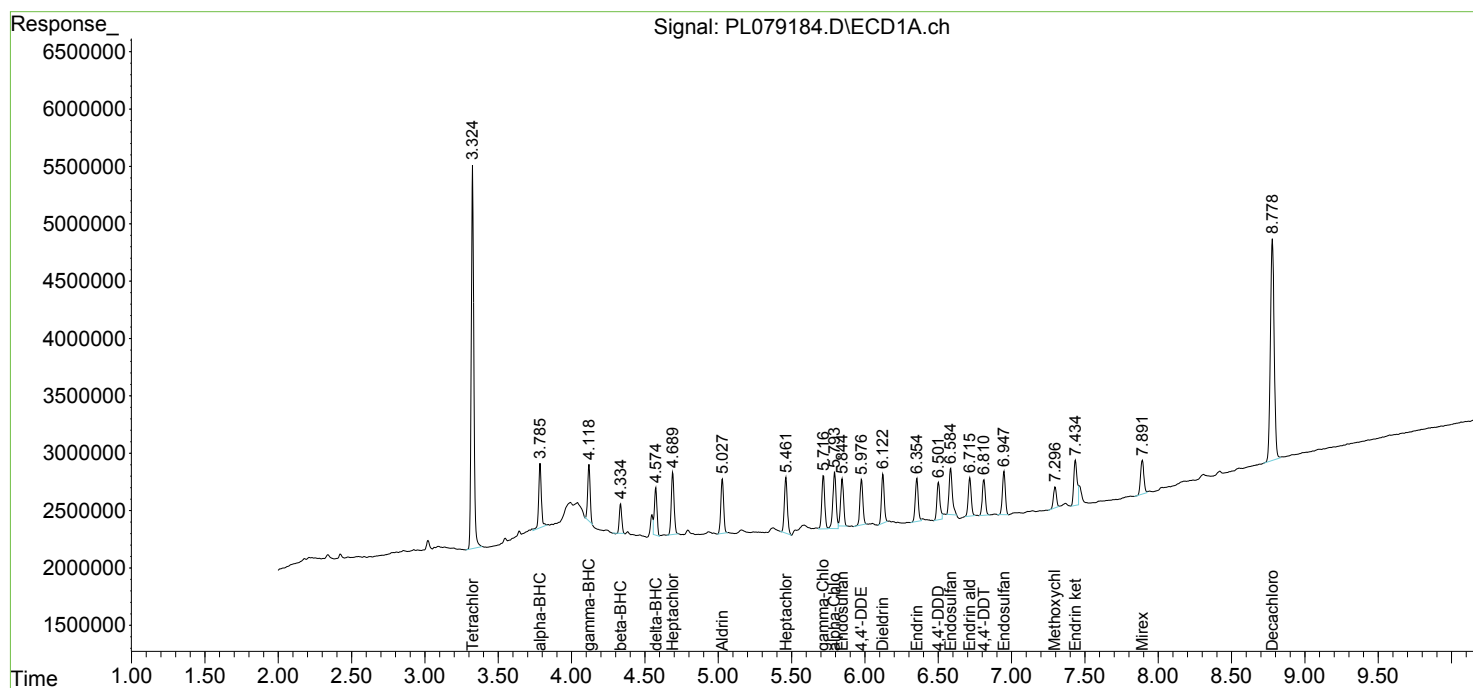
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

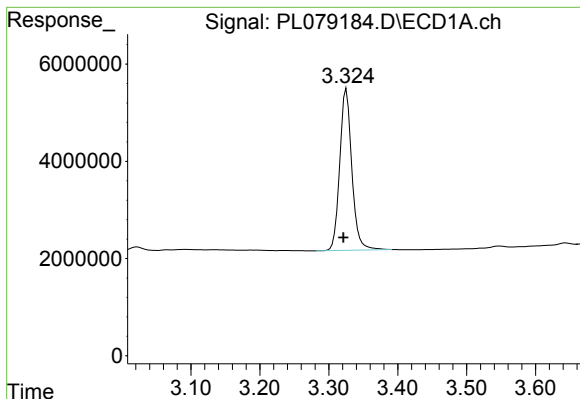
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111722\
Data File : PL079184.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2022 13:03
Operator : AR\AJ
Sample : N4955-01
Misc : PEST LOD 2.5PPB
ALS Vial : 11 Sample Multiplier: 1

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 21:15:07 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

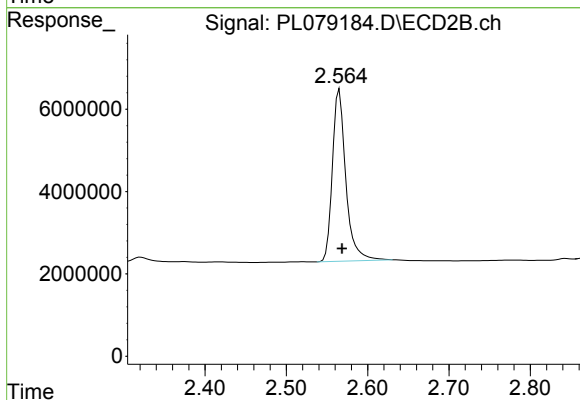




#1 Tetrachloro-m-xylene

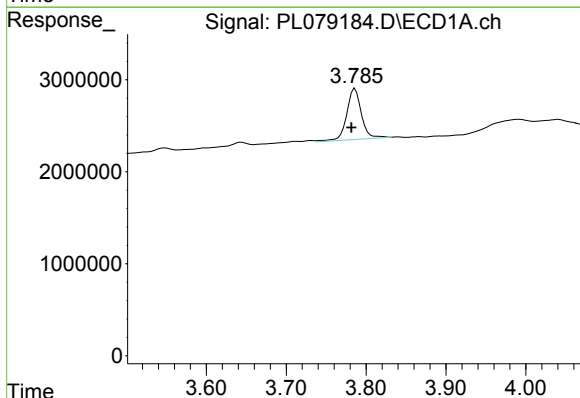
R.T.: 3.326 min
Delta R.T.: 0.005 min
Response: 40495652
Conc: 19.45 ng/ml

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



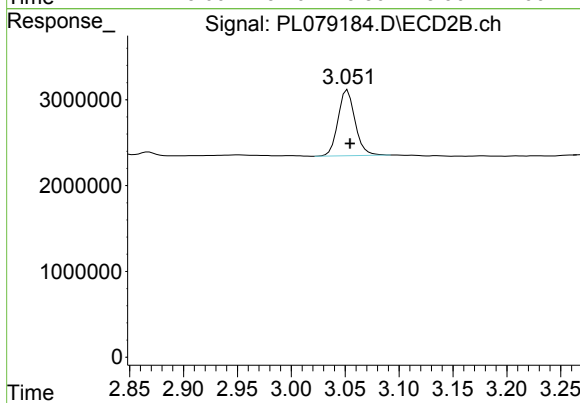
#1 Tetrachloro-m-xylene

R.T.: 2.565 min
Delta R.T.: -0.003 min
Response: 48044369
Conc: 18.86 ng/ml



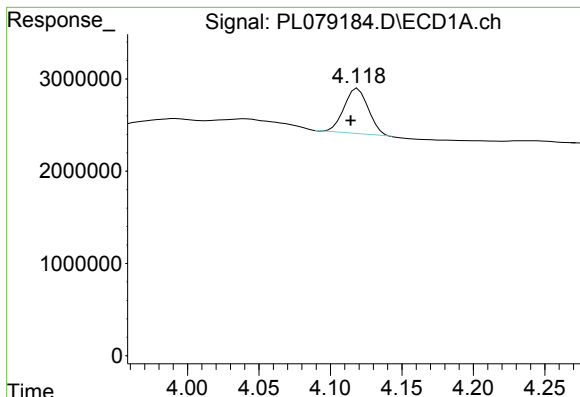
#2 alpha-BHC

R.T.: 3.786 min
Delta R.T.: 0.005 min
Response: 7044329
Conc: 2.24 ng/ml



#2 alpha-BHC

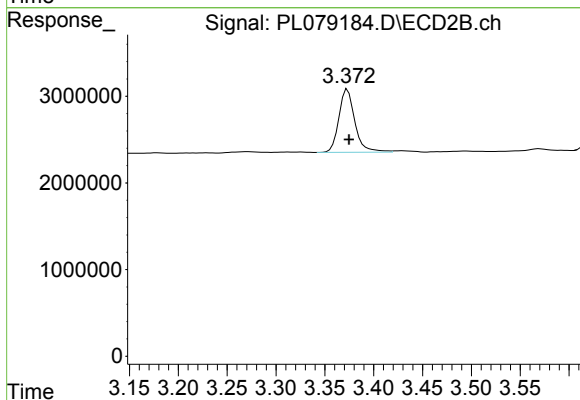
R.T.: 3.052 min
Delta R.T.: -0.002 min
Response: 8416504
Conc: 2.08 ng/ml



#3 gamma-BHC (Lindane)

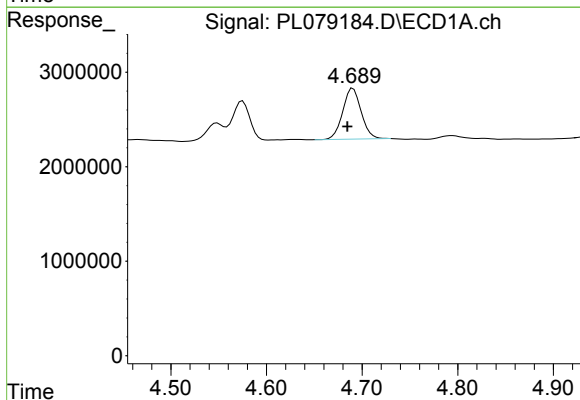
R.T.: 4.118 min
Delta R.T.: 0.004 min
Response: 5740859
Conc: 1.91 ng/ml

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



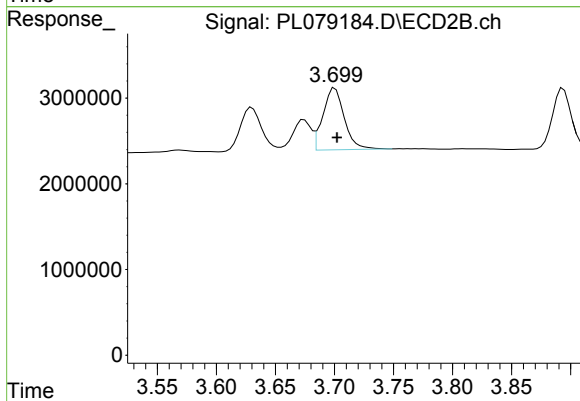
#3 gamma-BHC (Lindane)

R.T.: 3.373 min
Delta R.T.: -0.002 min
Response: 8292953
Conc: 2.34 ng/ml



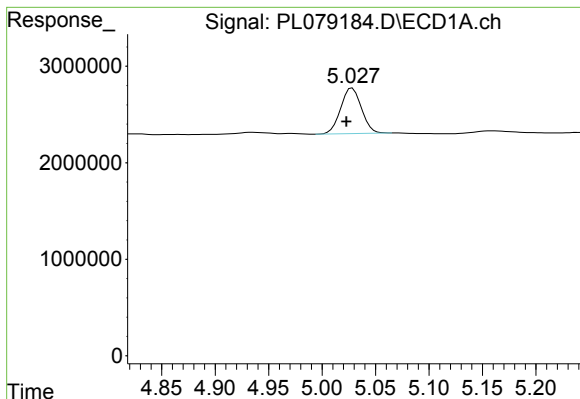
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: 0.006 min
Response: 7244987
Conc: 2.42 ng/ml



#4 Heptachlor

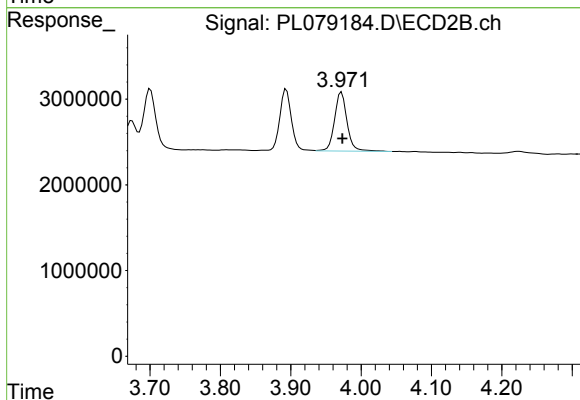
R.T.: 3.700 min
Delta R.T.: -0.002 min
Response: 9058850
Conc: 2.49 ng/ml



#5 Aldrin

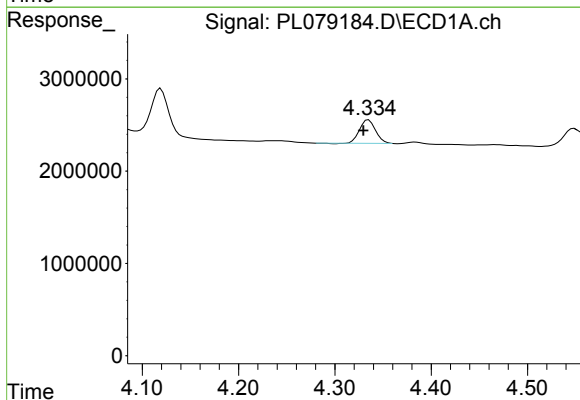
R.T.: 5.028 min
Delta R.T.: 0.005 min
Response: 6395262
Conc: 2.29 ng/ml

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



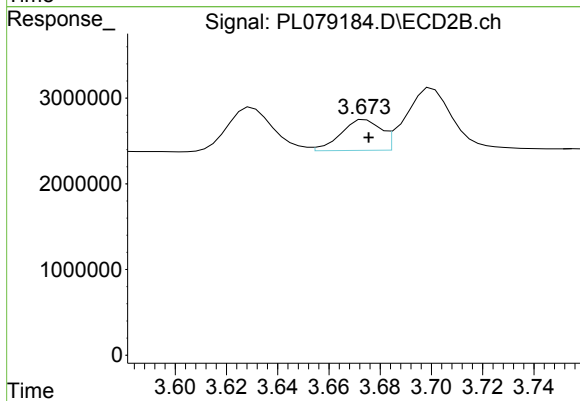
#5 Aldrin

R.T.: 3.972 min
Delta R.T.: -0.001 min
Response: 8515347
Conc: 2.44 ng/ml



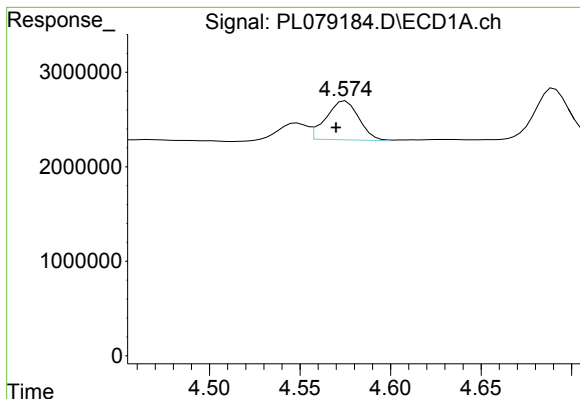
#6 beta-BHC

R.T.: 4.335 min
Delta R.T.: 0.005 min
Response: 2939780
Conc: 2.24 ng/ml



#6 beta-BHC

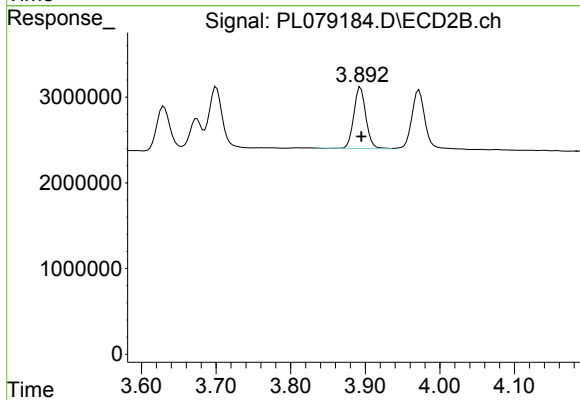
R.T.: 3.674 min
Delta R.T.: -0.001 min
Response: 3871651
Conc: 2.77 ng/ml



#7 delta-BHC

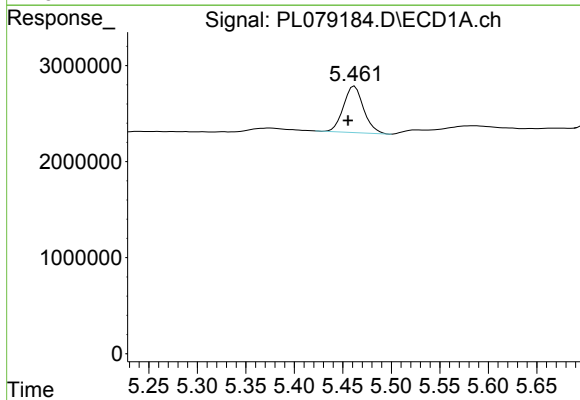
R.T.: 4.574 min
Delta R.T.: 0.004 min
Response: 5103866
Conc: 2.25 ng/ml

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



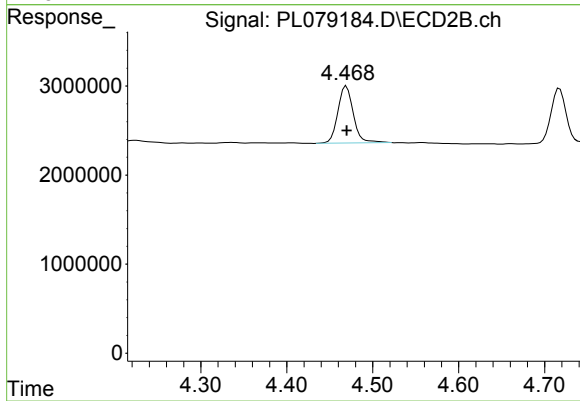
#7 delta-BHC

R.T.: 3.894 min
Delta R.T.: -0.001 min
Response: 8044961
Conc: 2.24 ng/ml



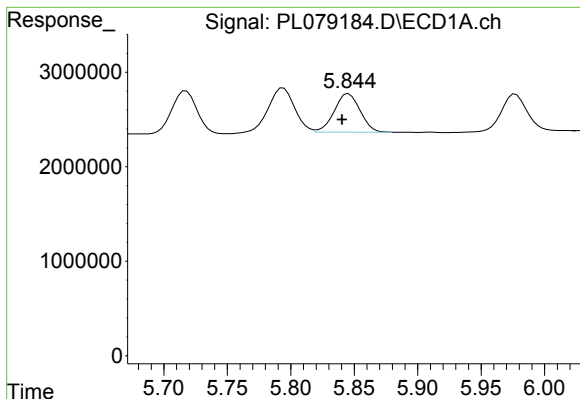
#8 Heptachlor epoxide

R.T.: 5.462 min
Delta R.T.: 0.007 min
Response: 6983465
Conc: 2.95 ng/ml



#8 Heptachlor epoxide

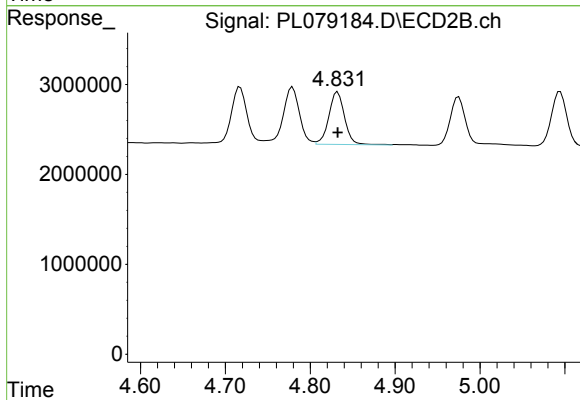
R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 7972564
Conc: 2.57 ng/ml



#9 Endosulfan I

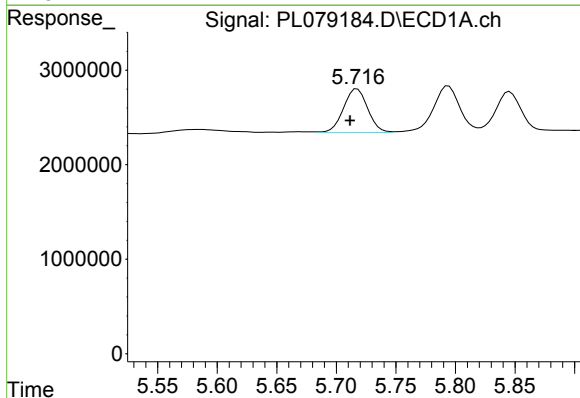
R.T.: 5.844 min
Delta R.T.: 0.004 min
Response: 5748651
Conc: 2.39 ng/ml

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



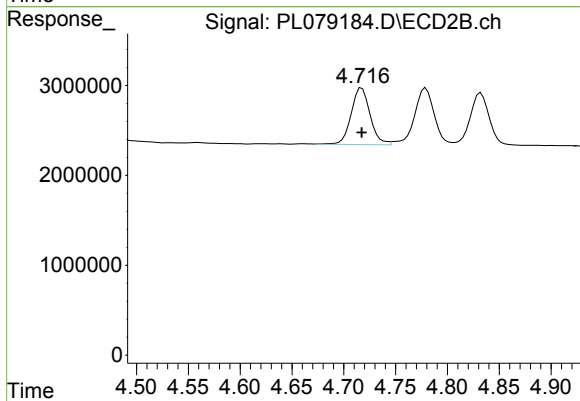
#9 Endosulfan I

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 7548447
Conc: 2.55 ng/ml



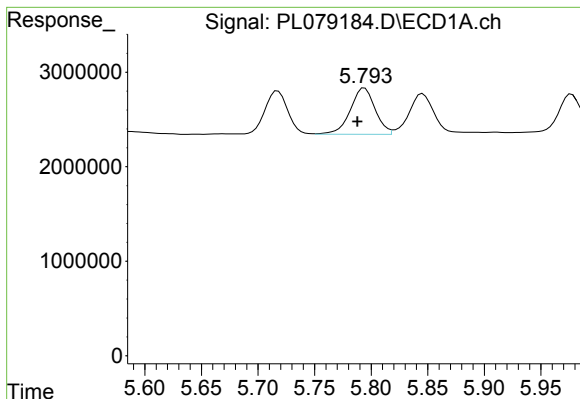
#10 gamma-Chlordane

R.T.: 5.716 min
Delta R.T.: 0.004 min
Response: 6534389
Conc: 2.56 ng/ml m



#10 gamma-Chlordane

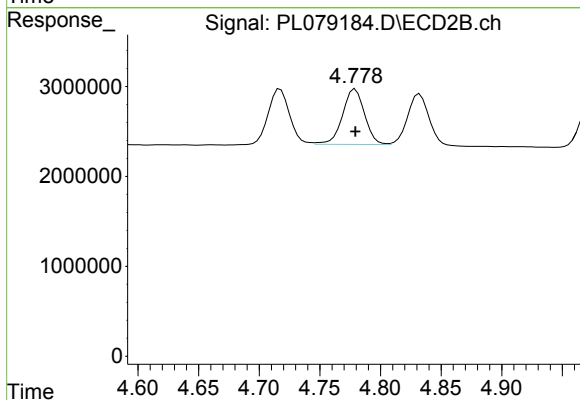
R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 8024040
Conc: 2.59 ng/ml



#11 alpha-Chlordane

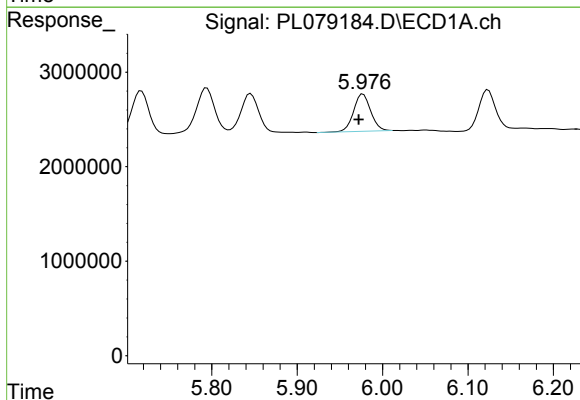
R.T.: 5.793 min
Delta R.T.: 0.005 min
Response: 7429466
Conc: 2.89 ng/ml

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



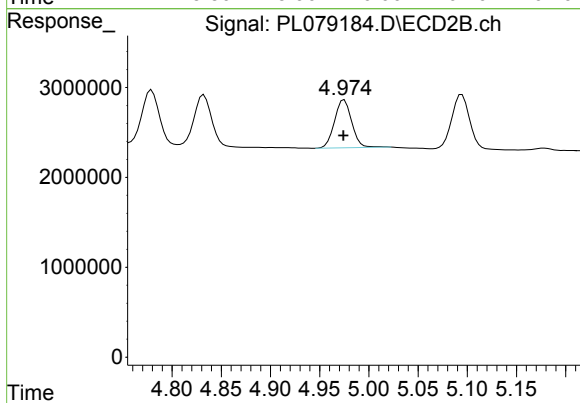
#11 alpha-Chlordane

R.T.: 4.778 min
Delta R.T.: -0.001 min
Response: 7818240
Conc: 2.56 ng/ml m



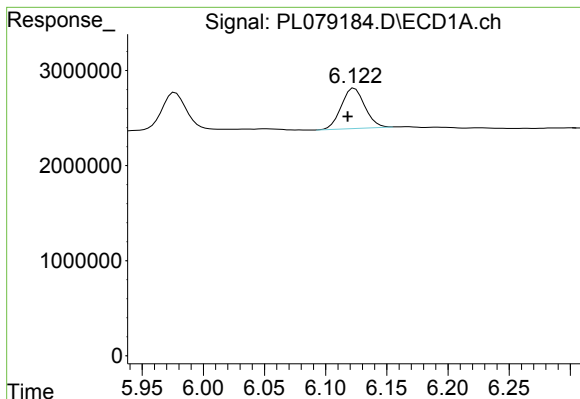
#12 4,4'-DDE

R.T.: 5.977 min
Delta R.T.: 0.005 min
Response: 5521891
Conc: 2.42 ng/ml



#12 4,4'-DDE

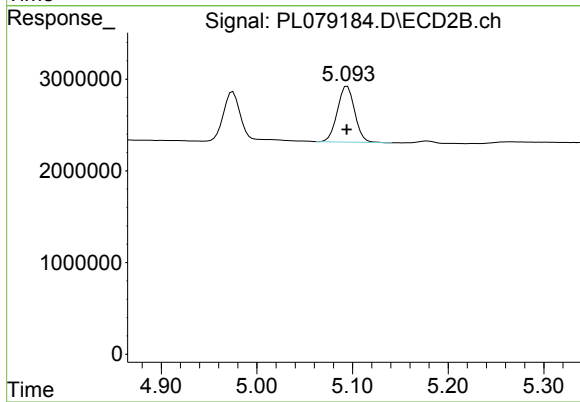
R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 6478469
Conc: 2.26 ng/ml



#13 Dieldrin

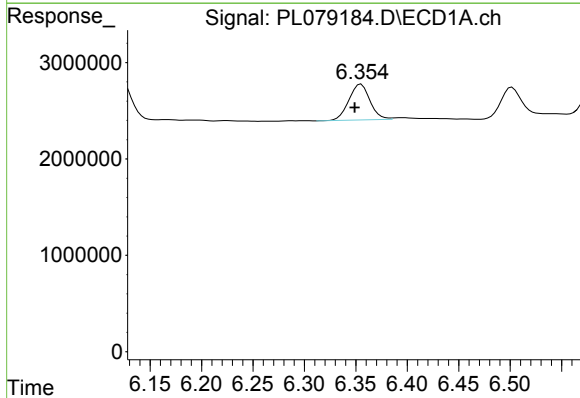
R.T.: 6.122 min
Delta R.T.: 0.004 min
Response: 5680648
Conc: 2.34 ng/ml

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



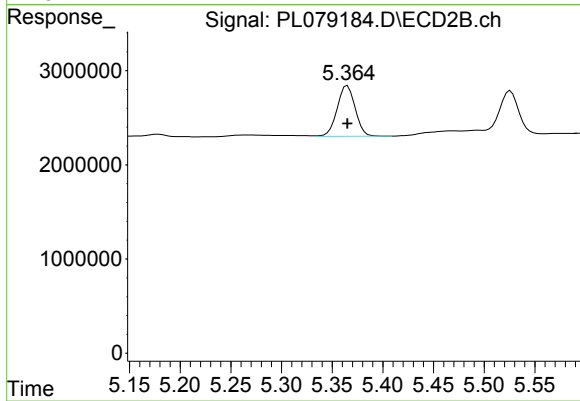
#13 Dieldrin

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 7663583
Conc: 2.49 ng/ml



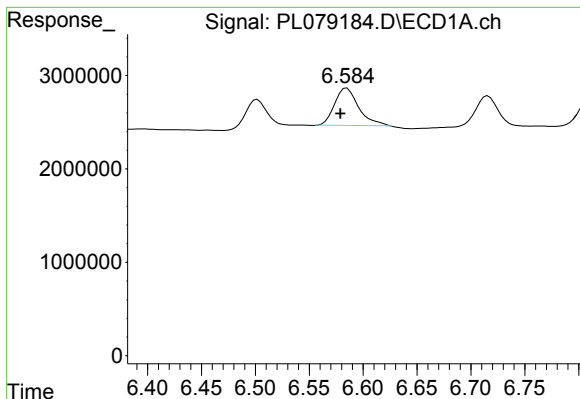
#14 Endrin

R.T.: 6.355 min
Delta R.T.: 0.006 min
Response: 5296215
Conc: 2.39 ng/ml



#14 Endrin

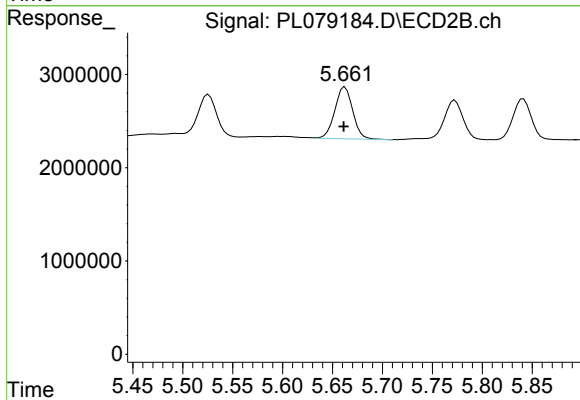
R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 6666261
Conc: 2.55 ng/ml



#15 Endosulfan II

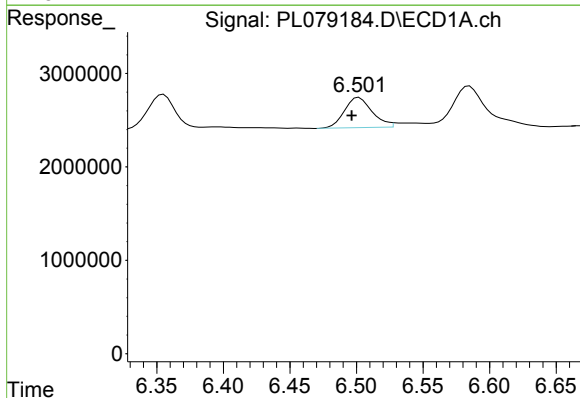
R.T.: 6.584 min
Delta R.T.: 0.005 min
Response: 6237052
Conc: 2.77 ng/ml

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



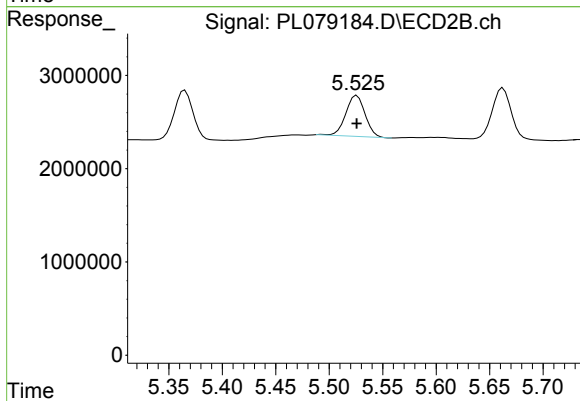
#15 Endosulfan II

R.T.: 5.663 min
Delta R.T.: 0.001 min
Response: 6898538
Conc: 2.58 ng/ml



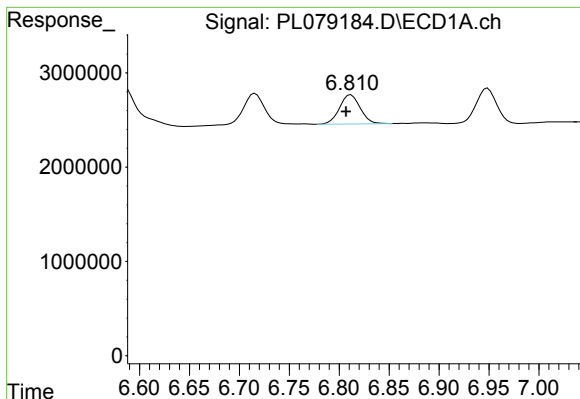
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: 0.004 min
Response: 4653317
Conc: 2.65 ng/ml m



#16 4,4'-DDD

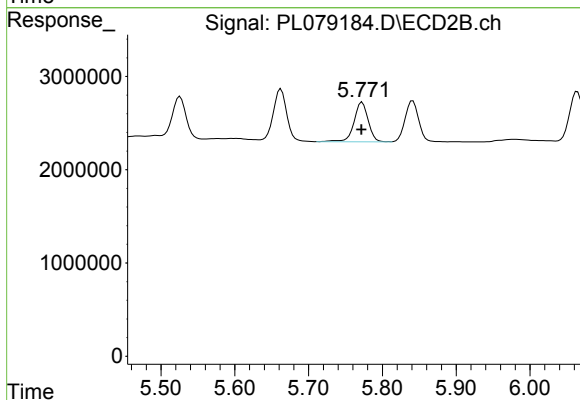
R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 5525615
Conc: 2.36 ng/ml



#17 4,4'-DDT

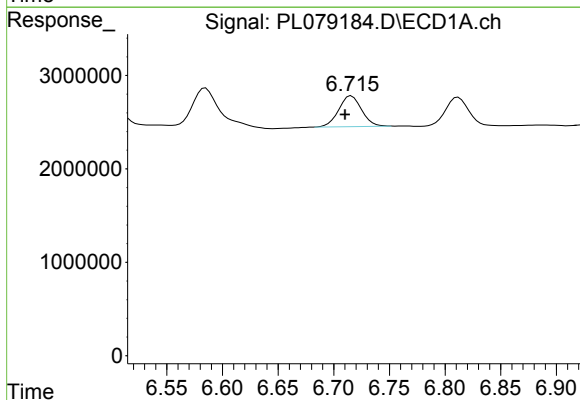
R.T.: 6.812 min
Delta R.T.: 0.005 min
Response: 4452091
Conc: 2.14 ng/ml

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



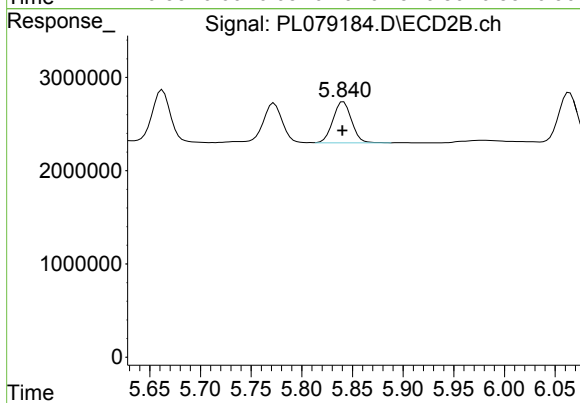
#17 4,4'-DDT

R.T.: 5.773 min
Delta R.T.: 0.001 min
Response: 5674117
Conc: 2.32 ng/ml



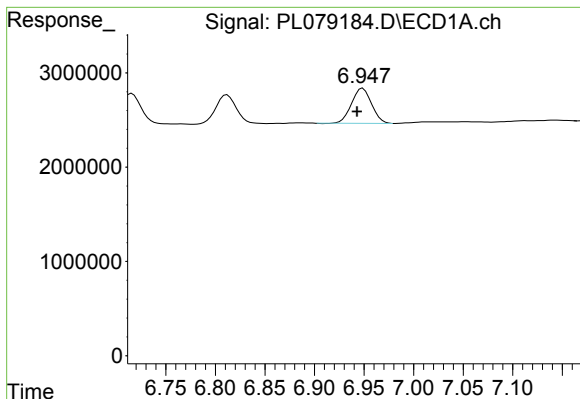
#18 Endrin aldehyde

R.T.: 6.715 min
Delta R.T.: 0.004 min
Response: 4743308
Conc: 2.97 ng/ml m



#18 Endrin aldehyde

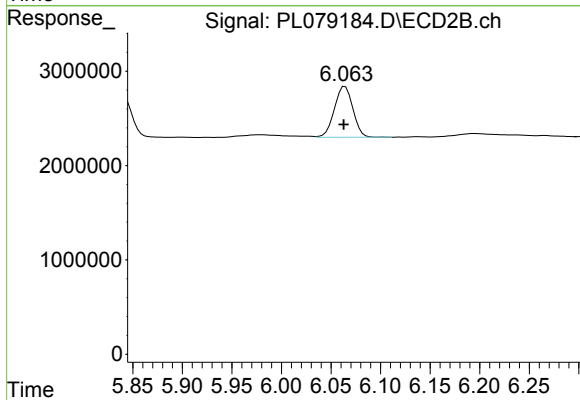
R.T.: 5.841 min
Delta R.T.: 0.001 min
Response: 5621910
Conc: 2.69 ng/ml



#19 Endosulfan Sulfate

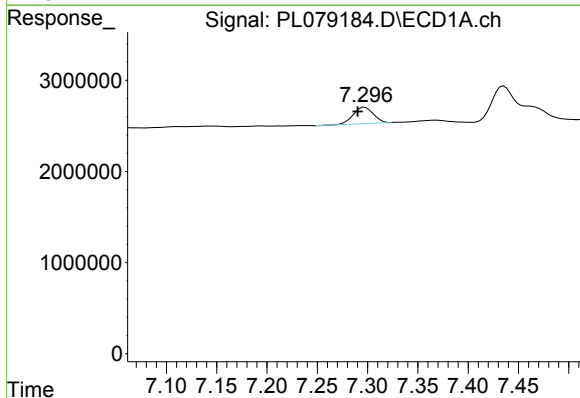
R.T.: 6.949 min
Delta R.T.: 0.006 min
Response: 5227630
Conc: 2.60 ng/ml

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



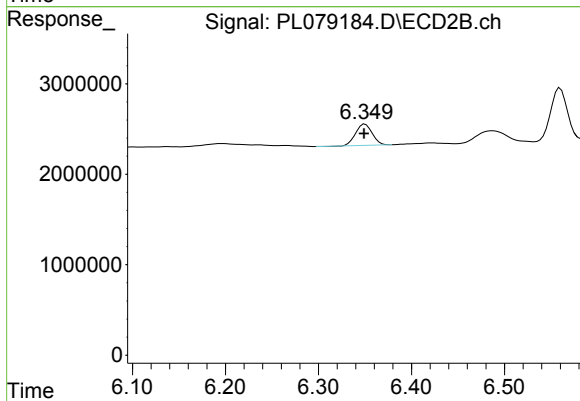
#19 Endosulfan Sulfate

R.T.: 6.064 min
Delta R.T.: 0.001 min
Response: 7010849
Conc: 2.69 ng/ml



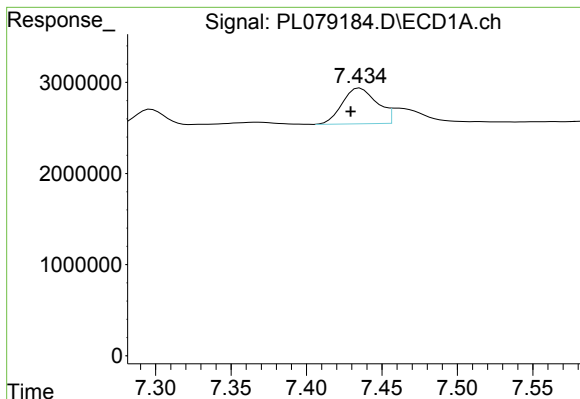
#20 Methoxychlor

R.T.: 7.297 min
Delta R.T.: 0.007 min
Response: 2492425
Conc: 2.34 ng/ml



#20 Methoxychlor

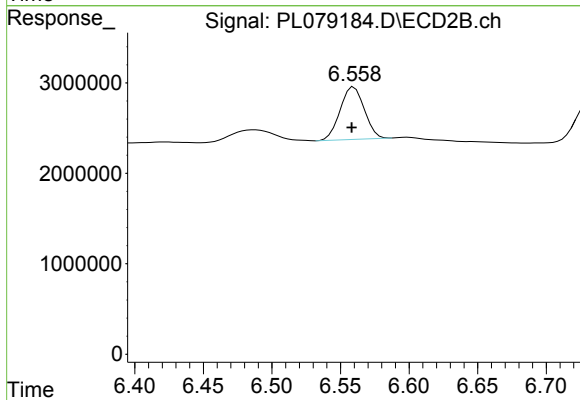
R.T.: 6.350 min
Delta R.T.: 0.001 min
Response: 2904018
Conc: 2.20 ng/ml



#21 Endrin ketone

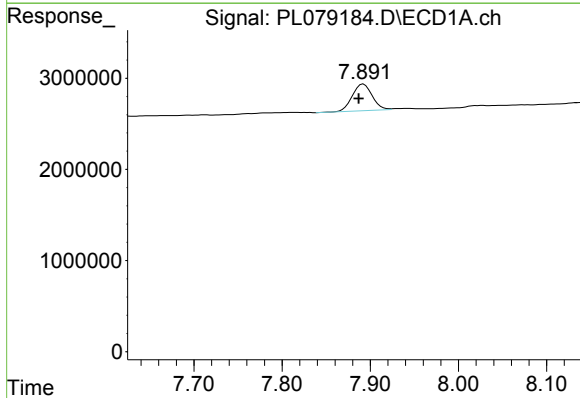
R.T.: 7.434 min
Delta R.T.: 0.005 min
Response: 6419877
Conc: 3.08 ng/ml

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



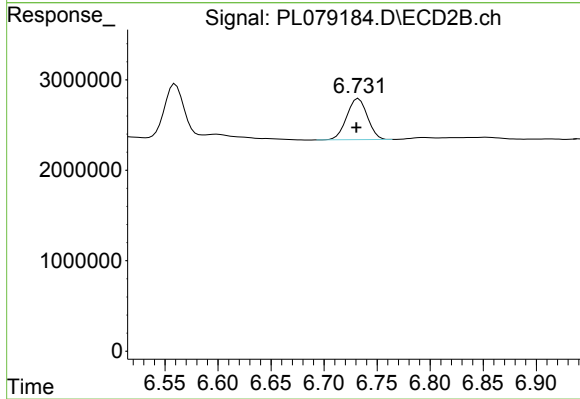
#21 Endrin ketone

R.T.: 6.560 min
Delta R.T.: 0.002 min
Response: 7112382
Conc: 2.51 ng/ml



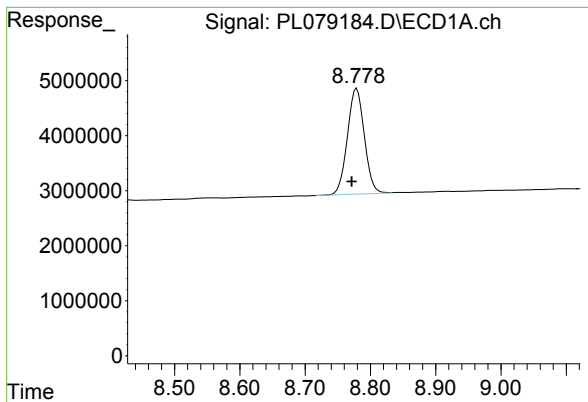
#22 Mirex

R.T.: 7.892 min
Delta R.T.: 0.006 min
Response: 4592767
Conc: 2.88 ng/ml



#22 Mirex

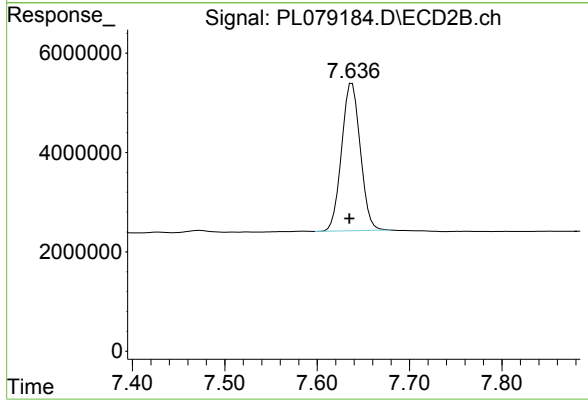
R.T.: 6.732 min
Delta R.T.: 0.002 min
Response: 6162631
Conc: 2.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.779 min
Delta R.T.: 0.007 min
Response: 34621836
Conc: 20.70 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.638 min
Delta R.T.: 0.003 min
Response: 41798542
Conc: 20.15 ng/ml