

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080422\
 Data File : PL076879.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2022 13:52
 Operator : AR\AJ
 Sample : N3980-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 05:00:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080122.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 01 16:34:20 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...	3.419	2.640	16319094	41855980	17.142	18.134
2)	SA Decachlor...	8.906	7.744	15452659	38169932	19.446	19.854
Target Compounds							
2)	A alpha-BHC	3.882	3.133	2733922	8144731	1.986m	2.453
3)	MA gamma-BHC...	4.219	3.457	2743304	7125910	2.163	2.492
4)	MA Heptachlor	4.794	3.790	2947878	7437082	2.409m	2.588
5)	MB Aldrin	5.136	4.065	2521152	7118753	2.166	2.560
6)	B beta-BHC	4.429	3.755	1484681	3487333	2.809	2.863
7)	B delta-BHC	4.674	3.979	1989276	7364171	2.114	2.405
8)	B Heptachlo...	5.566	4.564	2350716	6795683	2.514m	2.778
9)	A Endosulfan I	5.954	4.930	2423278	6070388	2.523	2.858
10)	B gamma-Chl...	5.823	4.813	2615012	6863250	2.558	2.803
11)	B alpha-Chl...	5.900	4.876	2603059	6558484	2.483	2.734
12)	B 4,4'-DDE	6.079	5.070	2157679	5988510	2.286	2.571
13)	MA Dieldrin	6.231	5.193	2329923	6191433	2.282	2.553
14)	MA Endrin	6.462	5.465	1892774	5234443	2.055	2.418
15)	B Endosulfa...	6.690	5.759	2090529	6480112	2.332	2.935m#
16)	A 4,4'-DDD	6.601	5.621	2923052	5117470	3.420m	2.741
17)	MA 4,4'-DDT	6.914	5.870	1827612	3919842	2.171	2.099
18)	B Endrin al...	6.821	5.940	1677989	3804403	2.280	2.361
19)	B Endosulfa...	7.054	6.163	2192473	4955500	2.549	2.584
20)	A Methoxychlor	7.394	6.449	1087332	2440618	2.257	2.391
21)	B Endrin ke...	7.542	6.663	2451915	5420289	2.631	2.598
22)	Mirex	8.003	6.840	2112445	4720759	2.860	2.931

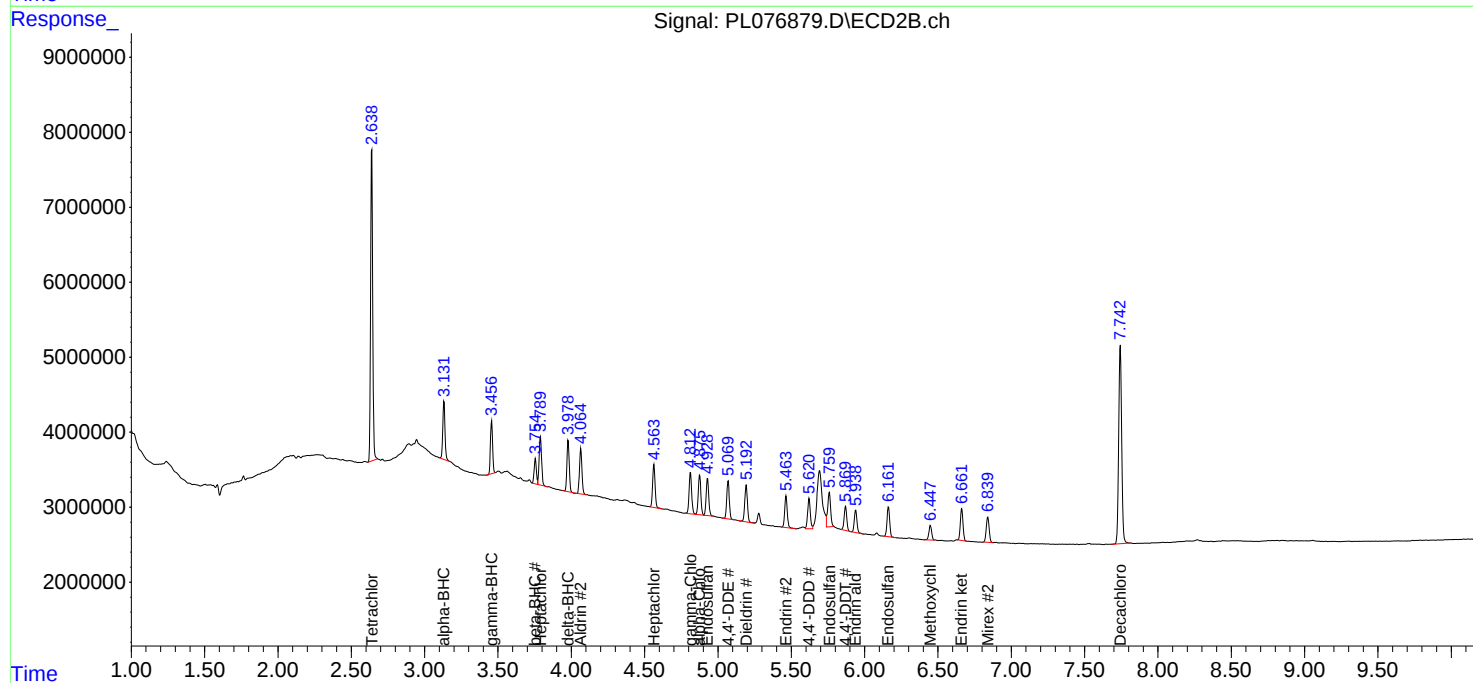
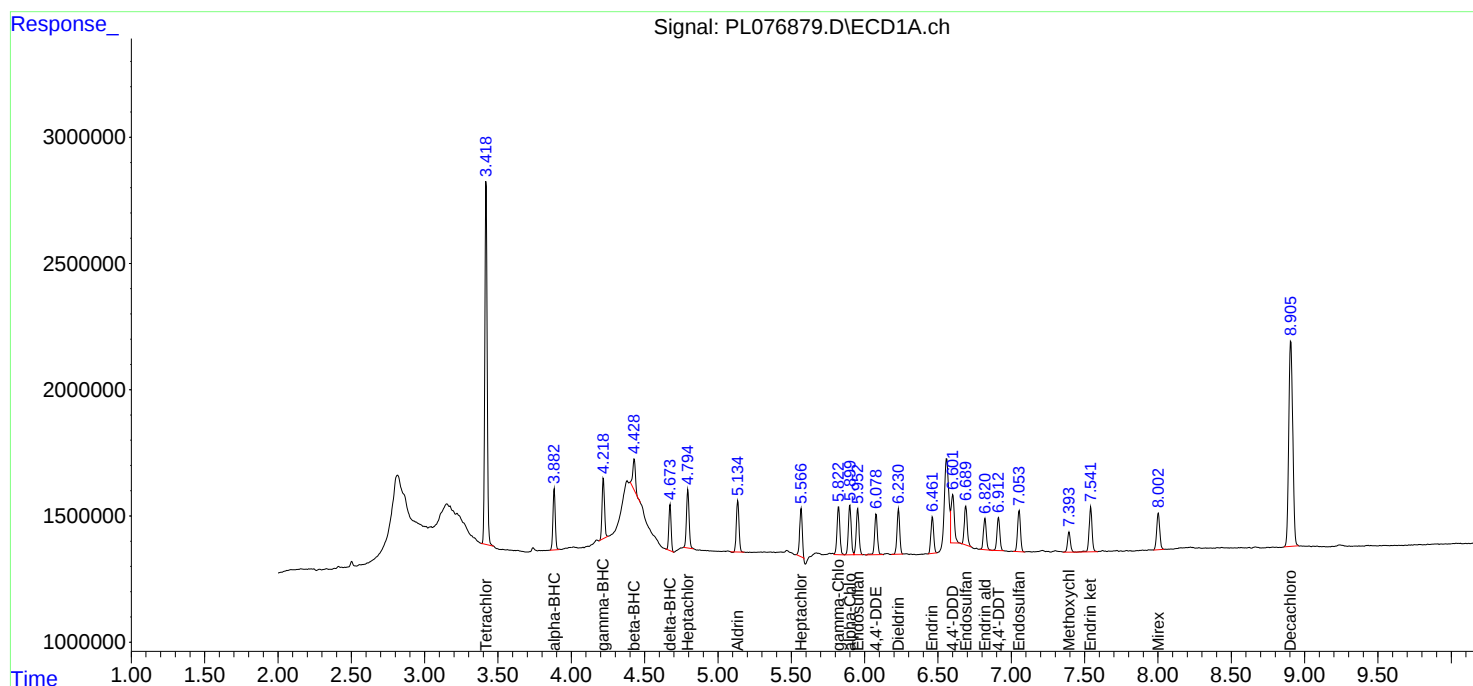
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

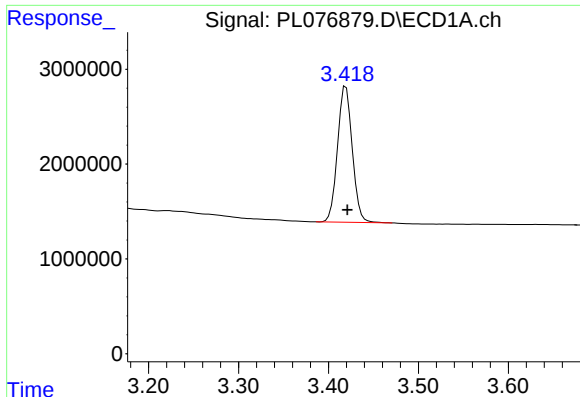
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080422\
Data File : PL076879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2022 13:52
Operator : AR\AJ
Sample : N3980-01
Misc : PEST LOD 2.5 PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 05:00:28 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080122.M
Quant Title : GC Extractables
QLast Update : Mon Aug 01 16:34:20 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

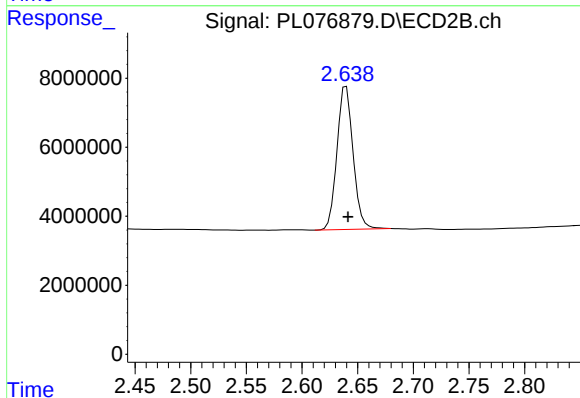




#1 Tetrachloro-m-xylene

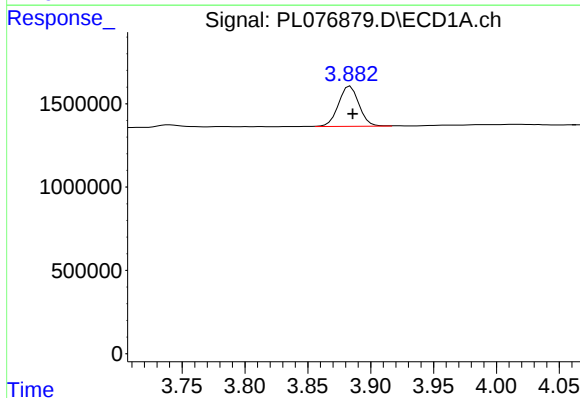
R.T.: 3.419 min
Delta R.T.: -0.002 min
Response: 16319094
Conc: 17.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



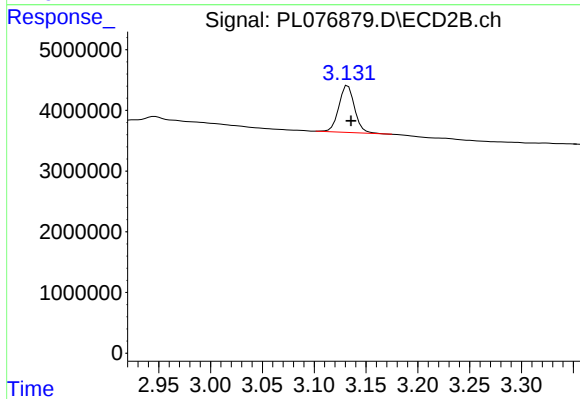
#1 Tetrachloro-m-xylene

R.T.: 2.640 min
Delta R.T.: -0.002 min
Response: 41855980
Conc: 18.13 ng/ml



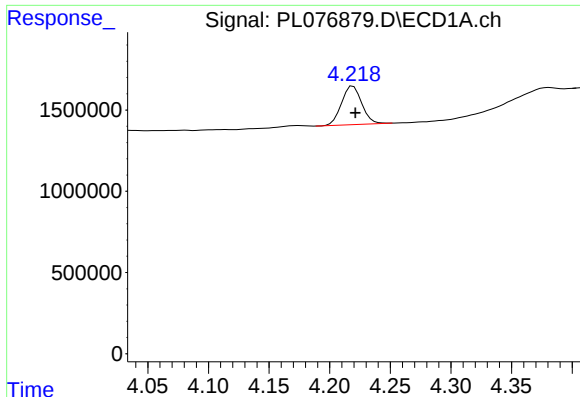
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: -0.003 min
Response: 2733922
Conc: 1.99 ng/ml m



#2 alpha-BHC

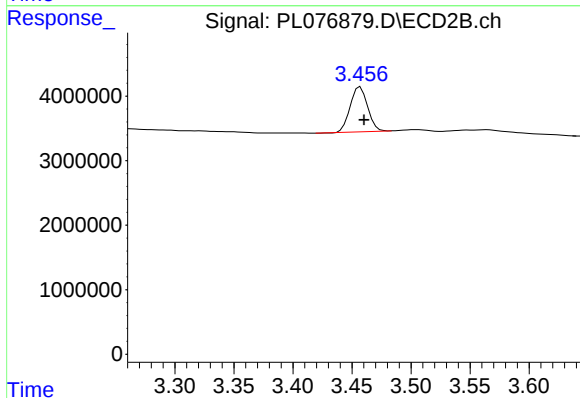
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 8144731
Conc: 2.45 ng/ml



#3 gamma-BHC (Lindane)

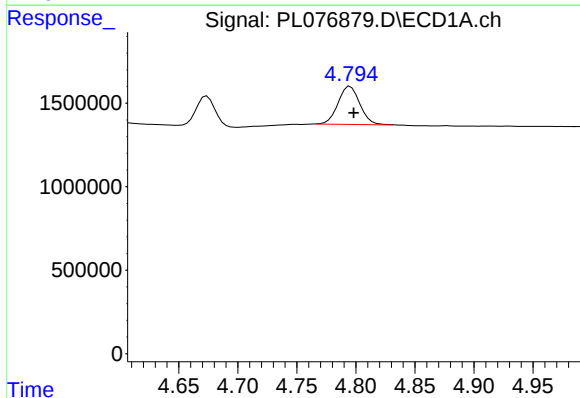
R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 2743304
Conc: 2.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



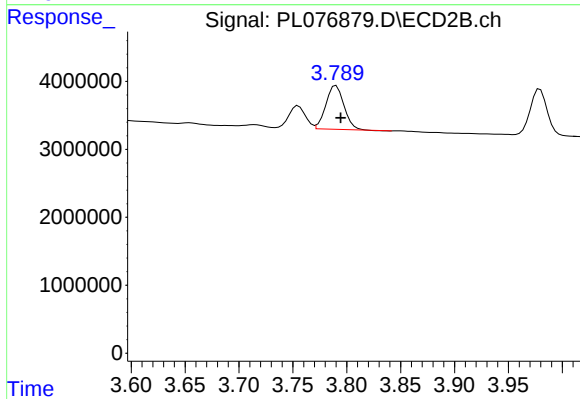
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.003 min
Response: 7125910
Conc: 2.49 ng/ml



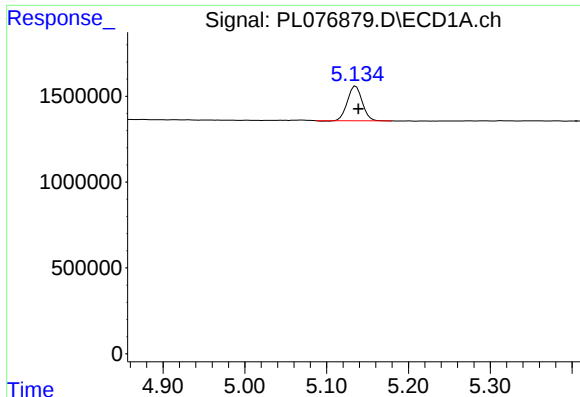
#4 Heptachlor

R.T.: 4.794 min
Delta R.T.: -0.004 min
Response: 2947878
Conc: 2.41 ng/ml m



#4 Heptachlor

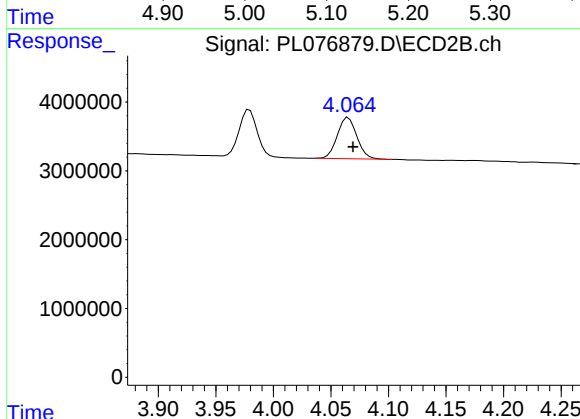
R.T.: 3.790 min
Delta R.T.: -0.004 min
Response: 7437082
Conc: 2.59 ng/ml



#5 Aldrin

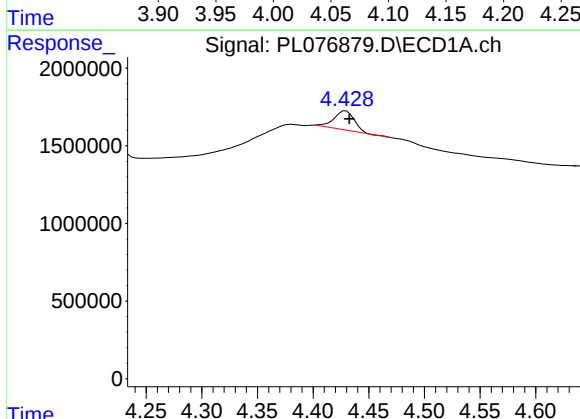
R.T.: 5.136 min
Delta R.T.: -0.003 min
Response: 2521152
Conc: 2.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



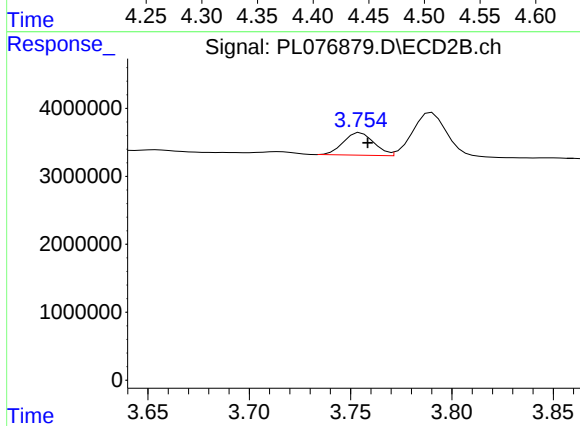
#5 Aldrin

R.T.: 4.065 min
Delta R.T.: -0.004 min
Response: 7118753
Conc: 2.56 ng/ml



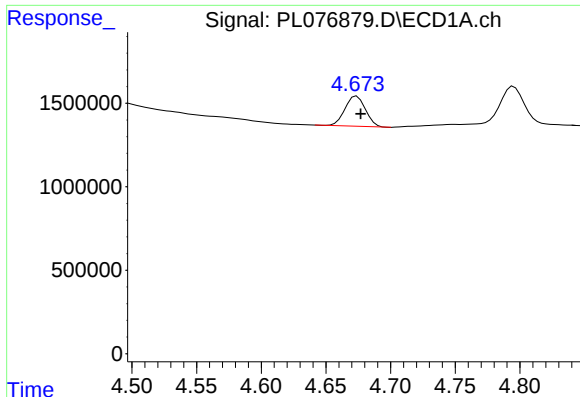
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: -0.003 min
Response: 1484681
Conc: 2.81 ng/ml



#6 beta-BHC

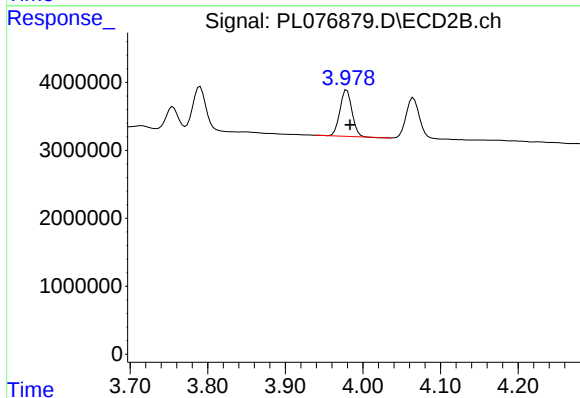
R.T.: 3.755 min
Delta R.T.: -0.003 min
Response: 3487333
Conc: 2.86 ng/ml



#7 delta-BHC

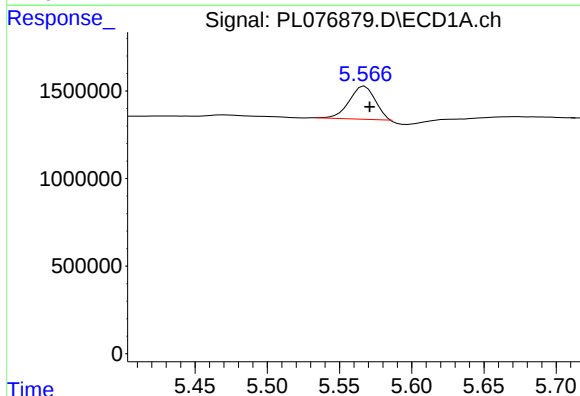
R.T.: 4.674 min
Delta R.T.: -0.003 min
Response: 1989276
Conc: 2.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



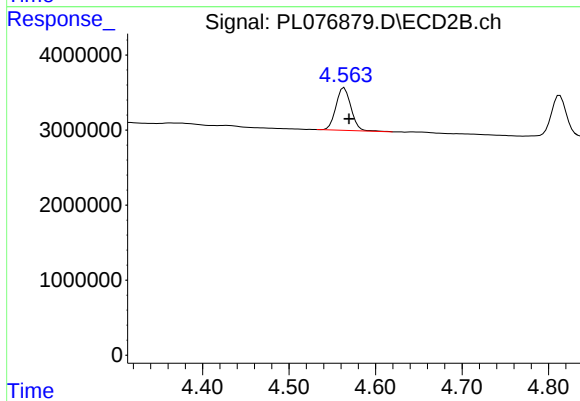
#7 delta-BHC

R.T.: 3.979 min
Delta R.T.: -0.004 min
Response: 7364171
Conc: 2.40 ng/ml



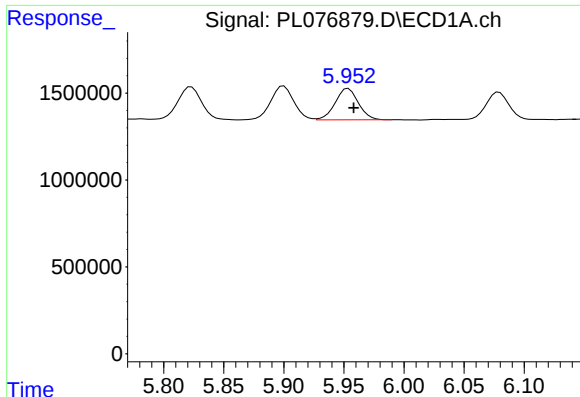
#8 Heptachlor epoxide

R.T.: 5.566 min
Delta R.T.: -0.005 min
Response: 2350716
Conc: 2.51 ng/ml m



#8 Heptachlor epoxide

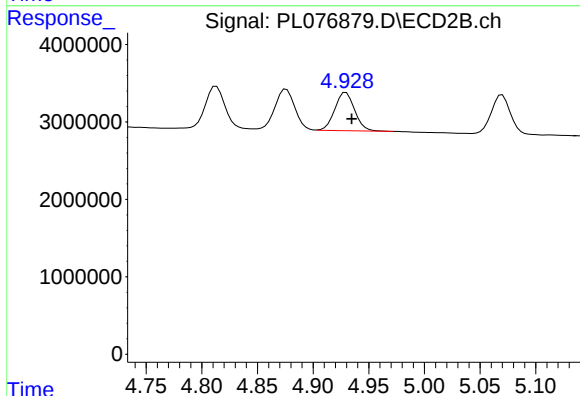
R.T.: 4.564 min
Delta R.T.: -0.005 min
Response: 6795683
Conc: 2.78 ng/ml



#9 Endosulfan I

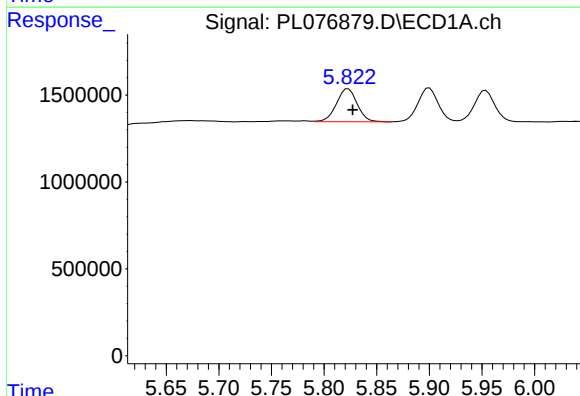
R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 2423278
Conc: 2.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



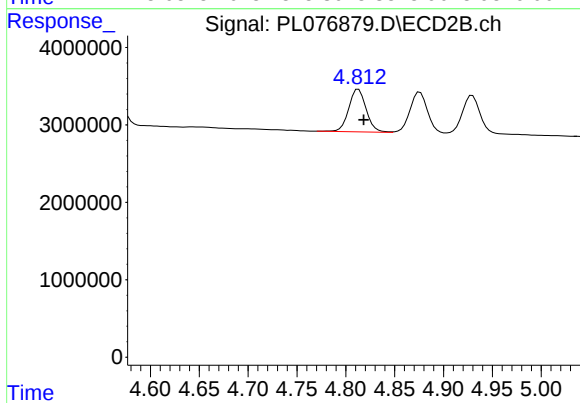
#9 Endosulfan I

R.T.: 4.930 min
Delta R.T.: -0.005 min
Response: 6070388
Conc: 2.86 ng/ml



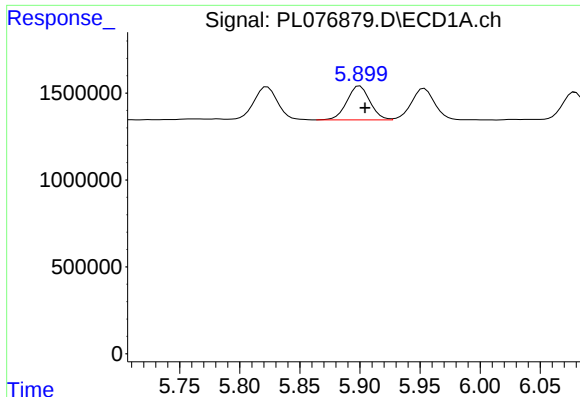
#10 gamma-Chlordane

R.T.: 5.823 min
Delta R.T.: -0.004 min
Response: 2615012
Conc: 2.56 ng/ml



#10 gamma-Chlordane

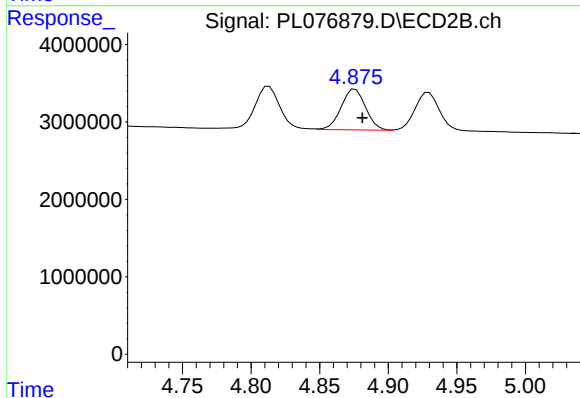
R.T.: 4.813 min
Delta R.T.: -0.005 min
Response: 6863250
Conc: 2.80 ng/ml



#11 alpha-Chlordane

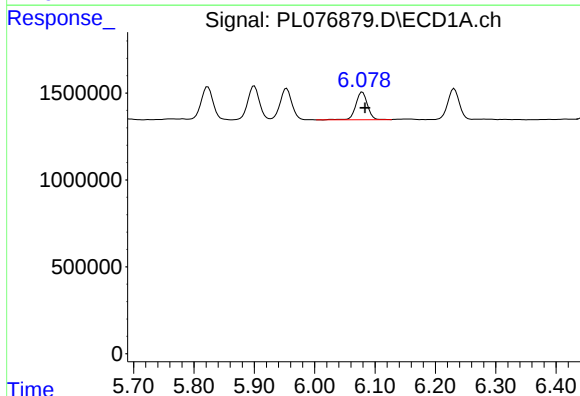
R.T.: 5.900 min
Delta R.T.: -0.004 min
Response: 2603059
Conc: 2.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



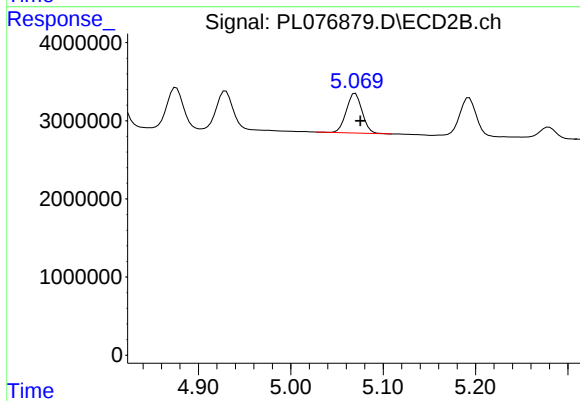
#11 alpha-Chlordane

R.T.: 4.876 min
Delta R.T.: -0.005 min
Response: 6558484
Conc: 2.73 ng/ml



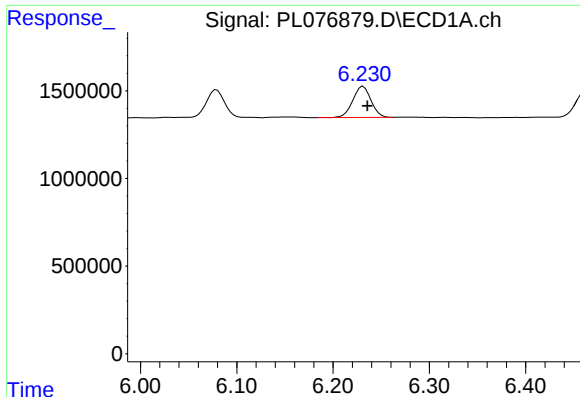
#12 4,4'-DDE

R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 2157679
Conc: 2.29 ng/ml



#12 4,4'-DDE

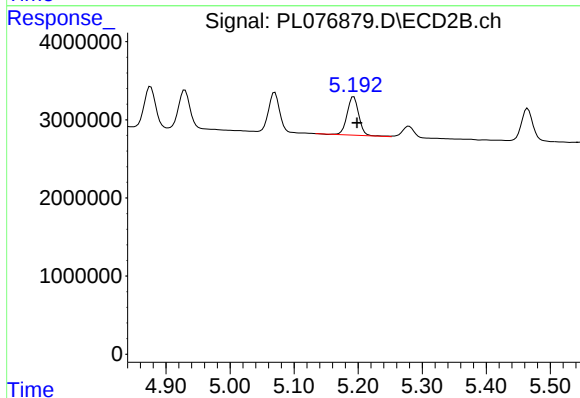
R.T.: 5.070 min
Delta R.T.: -0.005 min
Response: 5988510
Conc: 2.57 ng/ml



#13 Dieldrin

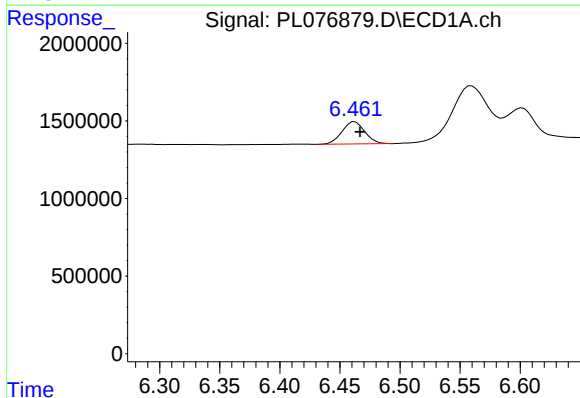
R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 2329923
Conc: 2.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



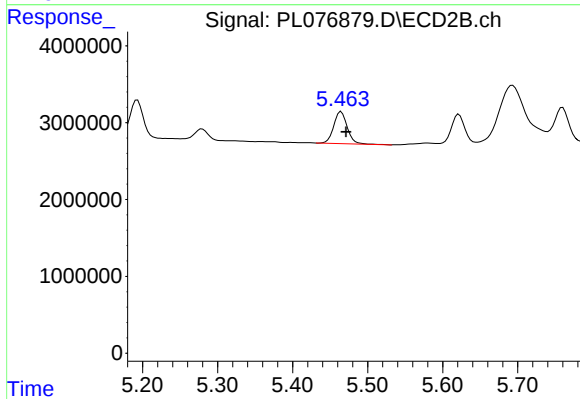
#13 Dieldrin

R.T.: 5.193 min
Delta R.T.: -0.005 min
Response: 6191433
Conc: 2.55 ng/ml



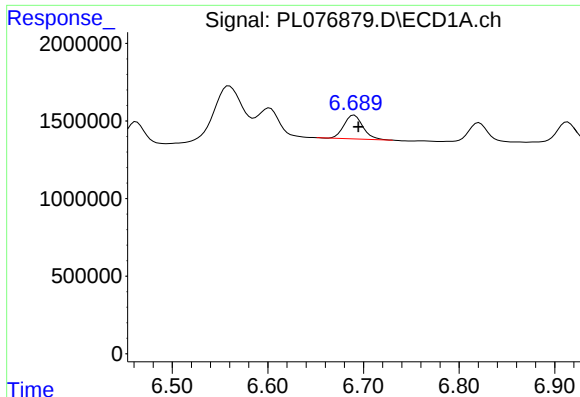
#14 Endrin

R.T.: 6.462 min
Delta R.T.: -0.004 min
Response: 1892774
Conc: 2.05 ng/ml



#14 Endrin

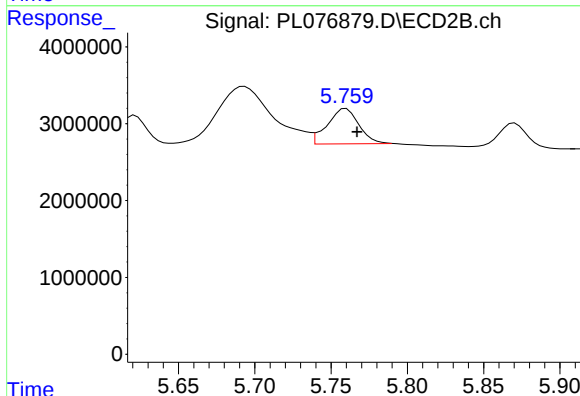
R.T.: 5.465 min
Delta R.T.: -0.006 min
Response: 5234443
Conc: 2.42 ng/ml



#15 Endosulfan II

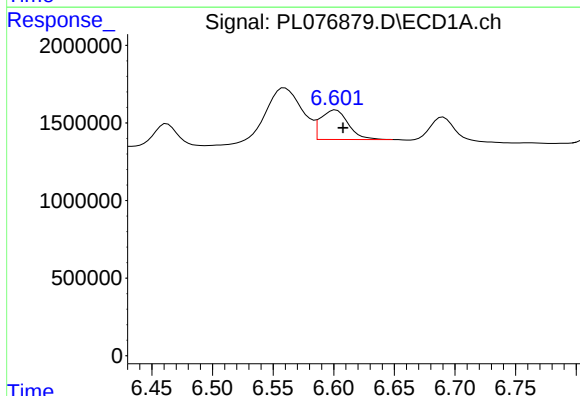
R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 2090529
Conc: 2.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



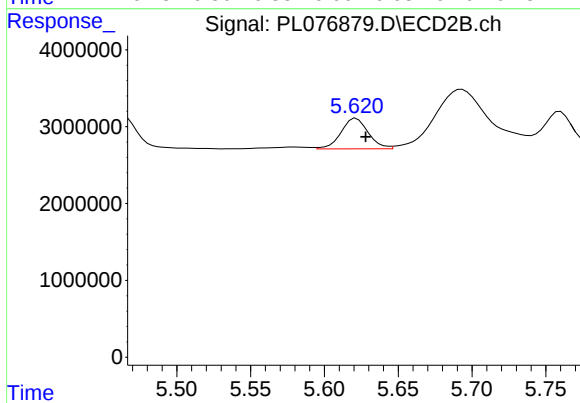
#15 Endosulfan II

R.T.: 5.759 min
Delta R.T.: -0.008 min
Response: 6480112
Conc: 2.94 ng/ml m



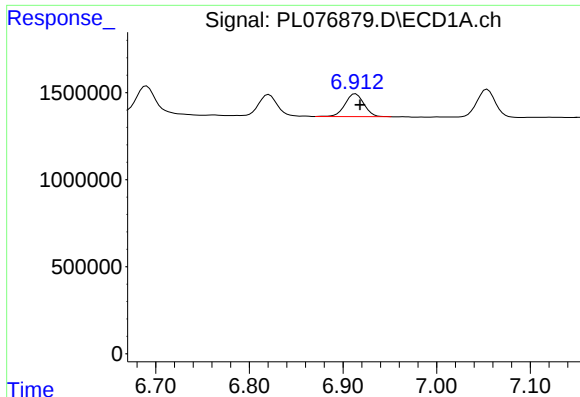
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: -0.007 min
Response: 2923052
Conc: 3.42 ng/ml m



#16 4,4'-DDD

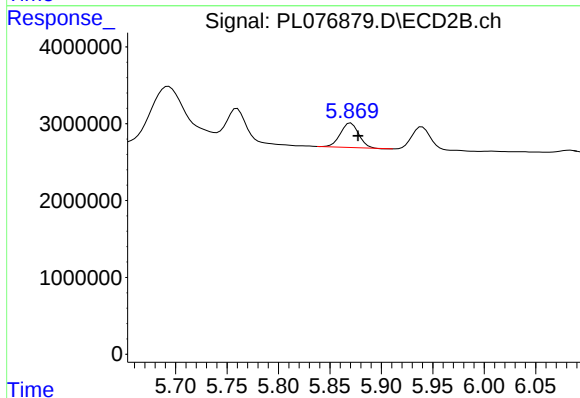
R.T.: 5.621 min
Delta R.T.: -0.006 min
Response: 5117470
Conc: 2.74 ng/ml



#17 4,4'-DDT

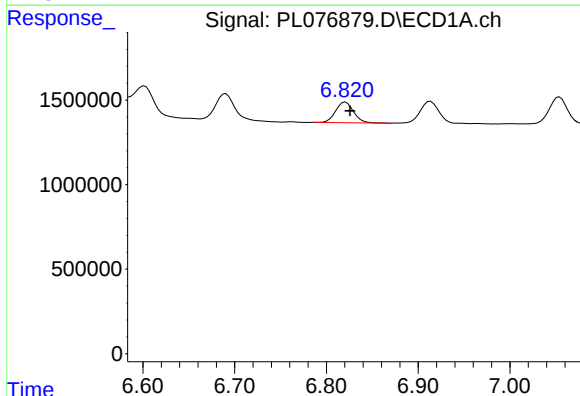
R.T.: 6.914 min
Delta R.T.: -0.005 min
Response: 1827612
Conc: 2.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



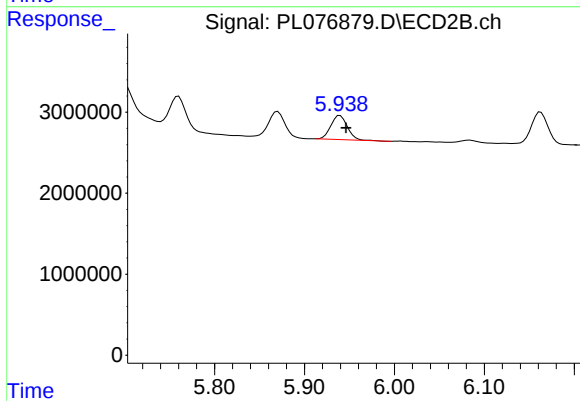
#17 4,4'-DDT

R.T.: 5.870 min
Delta R.T.: -0.007 min
Response: 3919842
Conc: 2.10 ng/ml



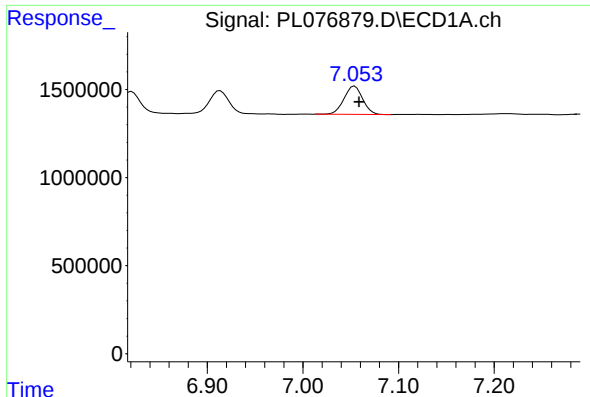
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: -0.005 min
Response: 1677989
Conc: 2.28 ng/ml



#18 Endrin aldehyde

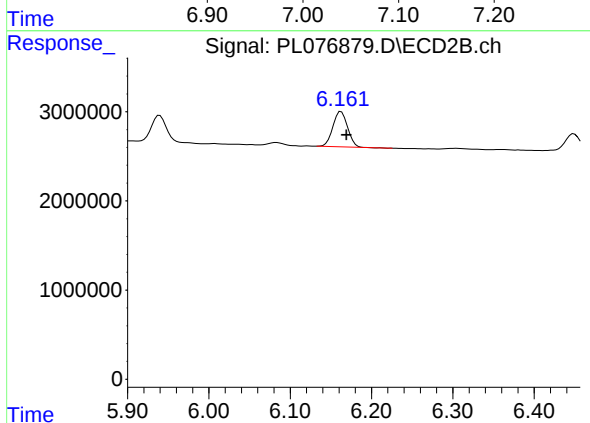
R.T.: 5.940 min
Delta R.T.: -0.007 min
Response: 3804403
Conc: 2.36 ng/ml



#19 Endosulfan Sulfate

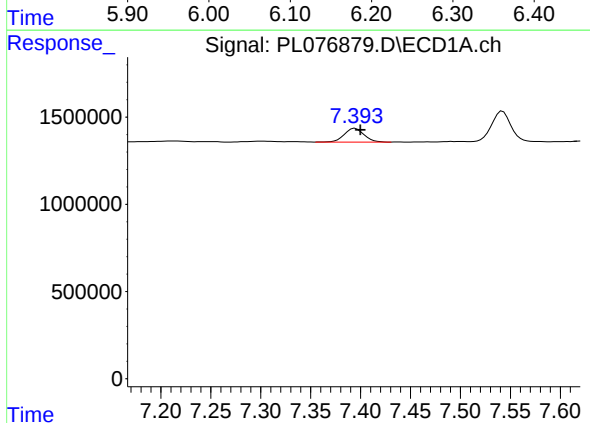
R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 2192473
Conc: 2.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



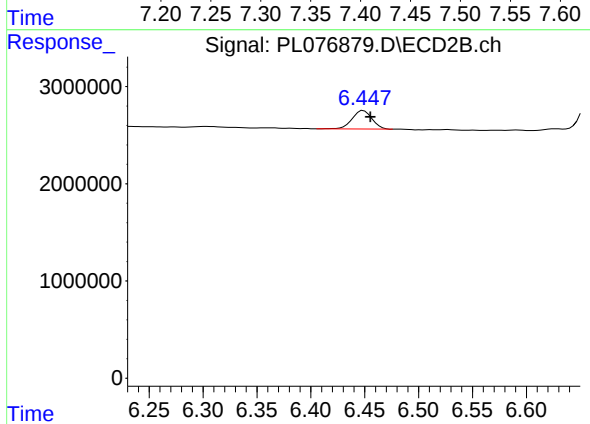
#19 Endosulfan Sulfate

R.T.: 6.163 min
Delta R.T.: -0.006 min
Response: 4955500
Conc: 2.58 ng/ml



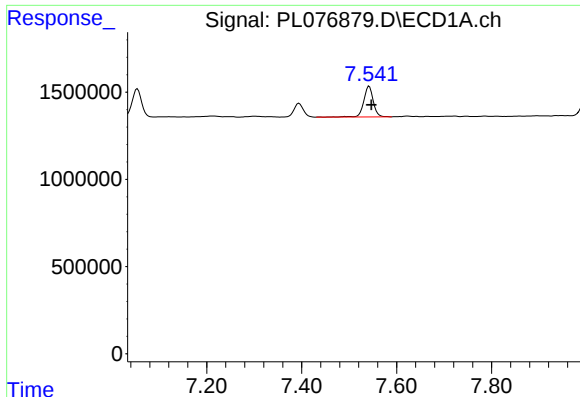
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: -0.005 min
Response: 1087332
Conc: 2.26 ng/ml



#20 Methoxychlor

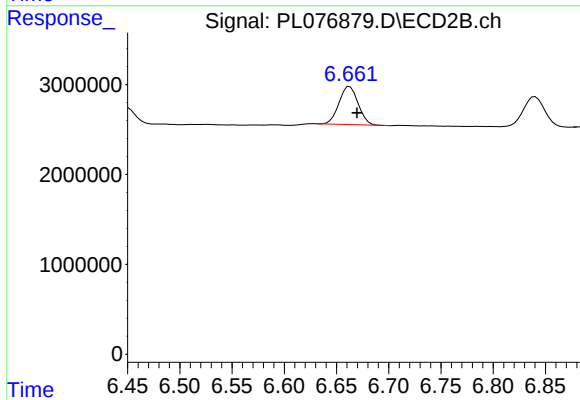
R.T.: 6.449 min
Delta R.T.: -0.006 min
Response: 2440618
Conc: 2.39 ng/ml



#21 Endrin ketone

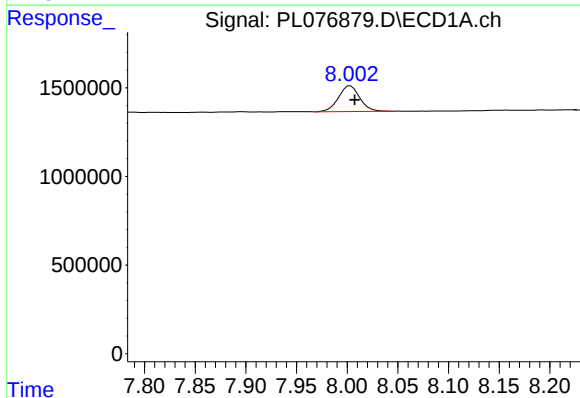
R.T.: 7.542 min
Delta R.T.: -0.005 min
Response: 2451915
Conc: 2.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



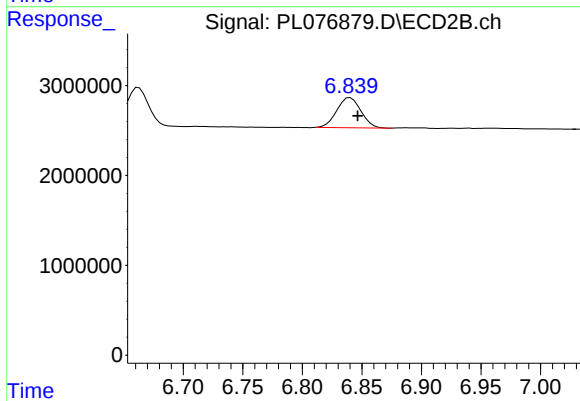
#21 Endrin ketone

R.T.: 6.663 min
Delta R.T.: -0.007 min
Response: 5420289
Conc: 2.60 ng/ml



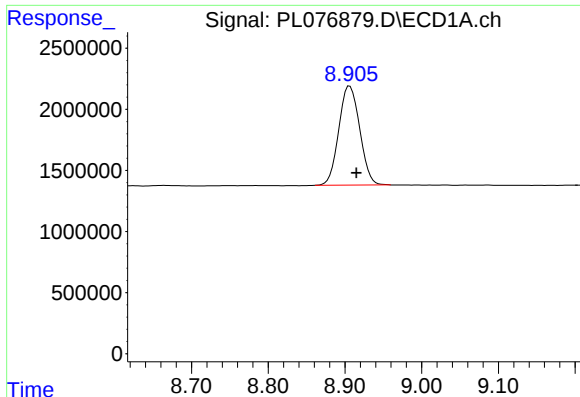
#22 Mirex

R.T.: 8.003 min
Delta R.T.: -0.004 min
Response: 2112445
Conc: 2.86 ng/ml



#22 Mirex

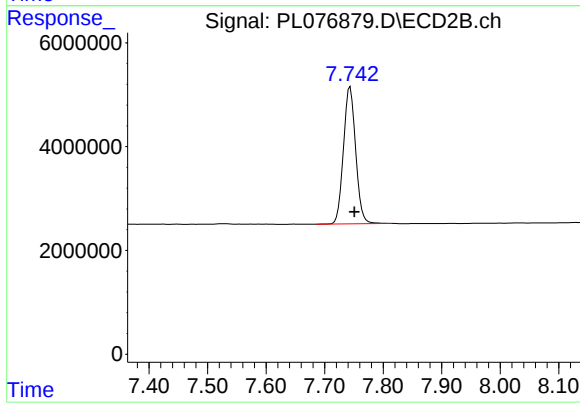
R.T.: 6.840 min
Delta R.T.: -0.006 min
Response: 4720759
Conc: 2.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: -0.009 min
Response: 15452659
Conc: 19.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: -0.007 min
Response: 38169932
Conc: 19.85 ng/ml