

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112122\
 Data File : PL079325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2022 12:29
 Operator : AR\AJ
 Sample : N4955-03
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT4-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 01:24:01 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...	3.320	2.566	39590576	47050028	19.012	18.474
28)	SA Decachlor...	8.768	7.632	36535398	43061324	21.841	20.758
Target Compounds							
2)	A alpha-BHC	3.780	3.053	2752241	3662167	0.873	0.906
3)	MA gamma-BHC...	4.113	3.374	2564920	3675596	0.855	1.036
4)	MA Heptachlor	4.683	3.700	3155644	3795740	1.055	1.045
5)	MB Aldrin	5.021	3.972	2808828	3890110	1.004	1.114
6)	B beta-BHC	4.327	3.674	1304422	1686827	0.992	1.207
7)	B delta-BHC	4.566	3.893	985159	3476918	0.435	0.968 #
8)	B Heptachlo...	5.455	4.468	3636651	3751921	1.539	1.208
9)	A Endosulfan I	5.837	4.831	2659643	3497274	1.107m	1.183
10)	B gamma-Chl...	5.708	4.714	2807598	3455244	1.098m	1.115m
11)	B alpha-Chl...	5.785	4.777	3105068	3449571	1.207m	1.130m
12)	B 4,4'-DDE	5.969	4.973	2667170	2998617	1.167m	1.047
13)	MA Dieldrin	6.117	5.092	2650252	3449289	1.092	1.122
14)	MA Endrin	6.346	5.363	2228890	2990675	1.007m	1.145
15)	B Endosulfa...	6.576	5.658	1847048	3196076	0.819	1.194m#
16)	A 4,4'-DDD	6.495	5.524	1945608	2399888	1.108	1.026
17)	MA 4,4'-DDT	6.805	5.769	1947615	2380647	0.934	0.975
18)	B Endrin al...	6.707	5.838	2044665	2571067	1.279m	1.232
19)	B Endosulfa...	6.941	6.061	2343363	3252546	1.166	1.247
20)	A Methoxychlor	7.288	6.347	1152041	1259381	1.081	0.953
21)	B Endrin ke...	7.427	6.556	2153410	3197330	1.034	1.130
22)	Mirex	7.883	6.727	1949867	2860741	1.224m	1.350m

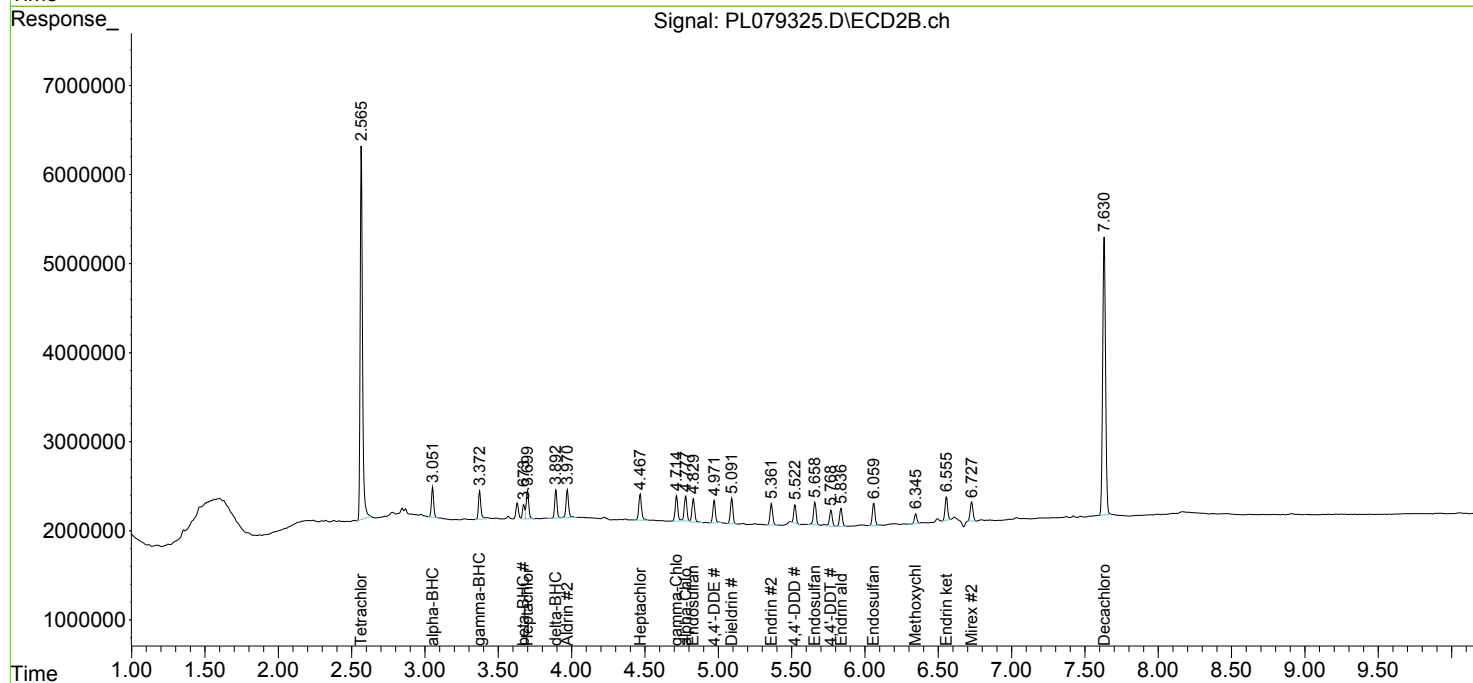
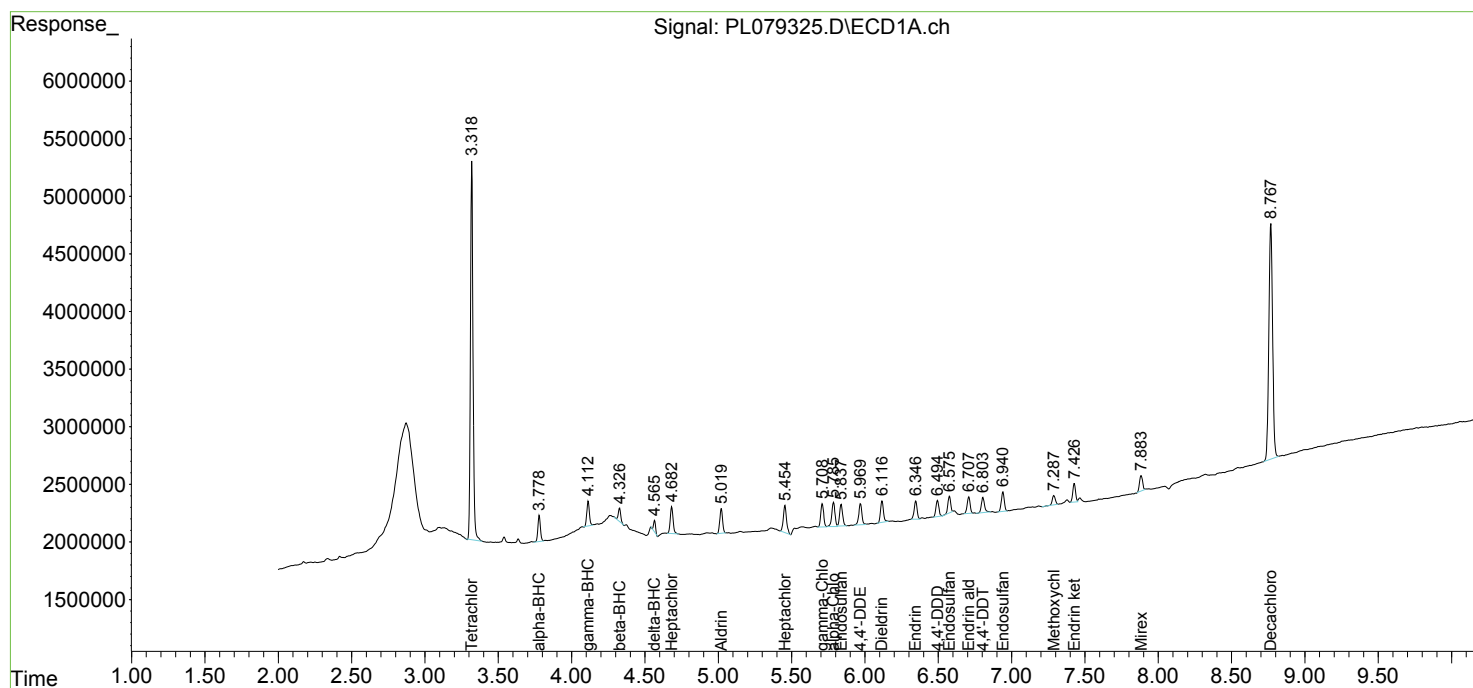
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

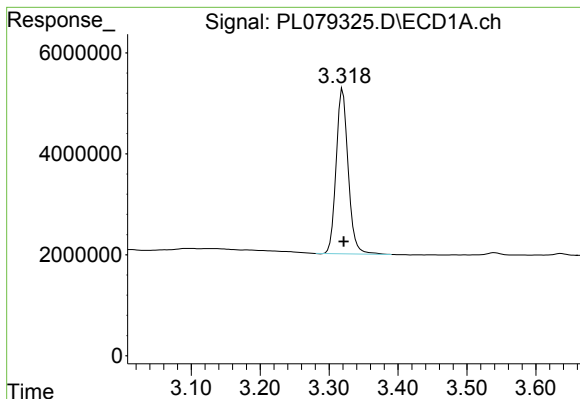
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112122\
Data File : PL079325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2022 12:29
Operator : AR\AJ
Sample : N4955-03
Misc : PEST MDL 1PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 22 01:24:01 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

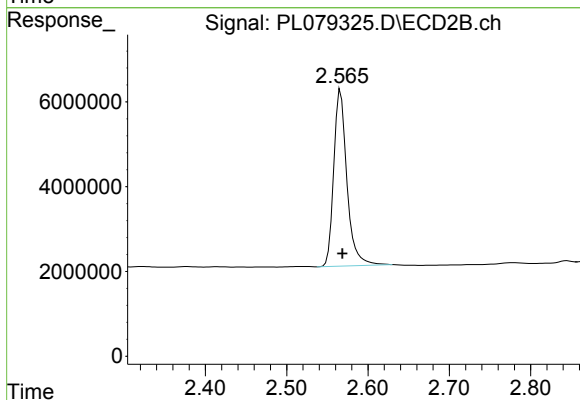




#1 Tetrachloro-m-xylene

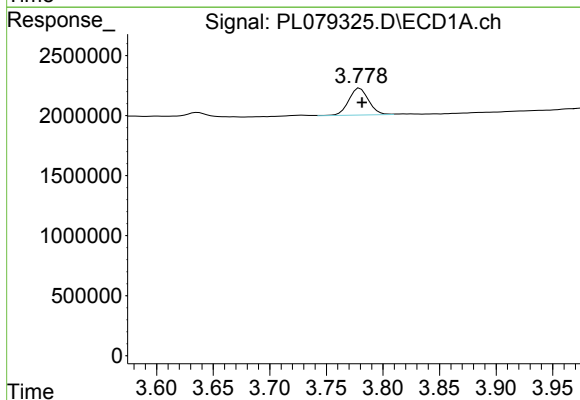
R.T.: 3.320 min
Delta R.T.: -0.001 min
Response: 39590576
Conc: 19.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022



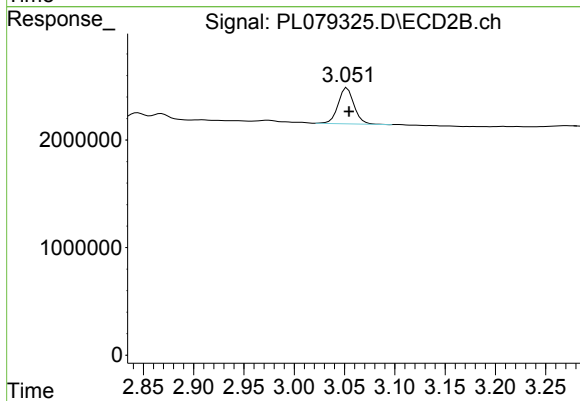
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: -0.002 min
Response: 47050028
Conc: 18.47 ng/ml



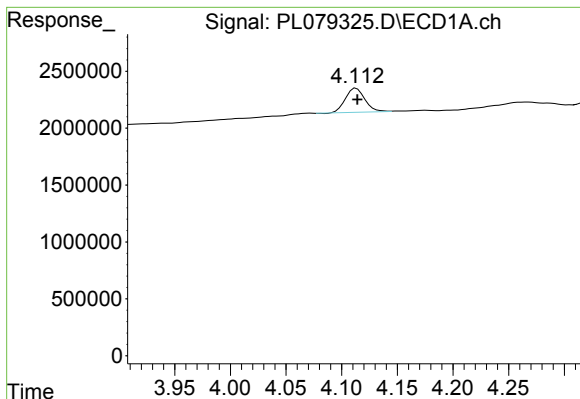
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 2752241
Conc: 0.87 ng/ml



#2 alpha-BHC

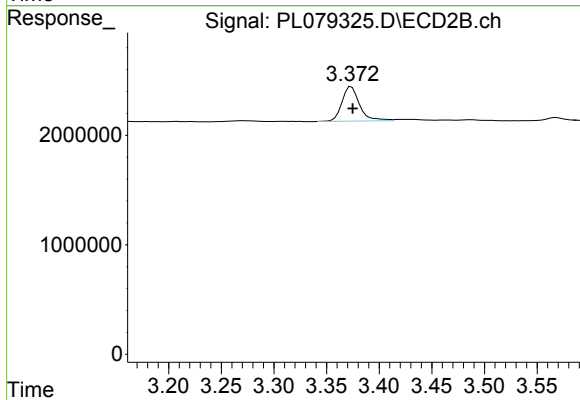
R.T.: 3.053 min
Delta R.T.: -0.002 min
Response: 3662167
Conc: 0.91 ng/ml



#3 gamma-BHC (Lindane)

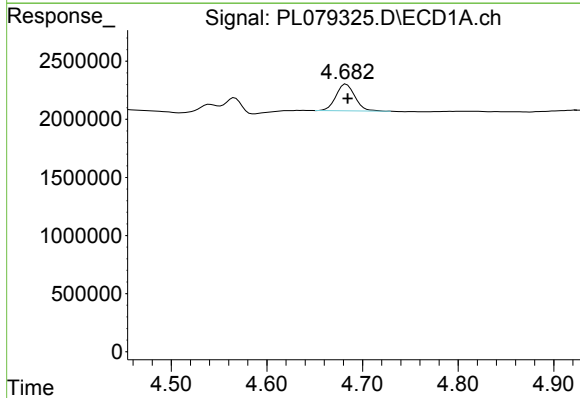
R.T.: 4.113 min
Delta R.T.: -0.001 min
Response: 2564920
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022



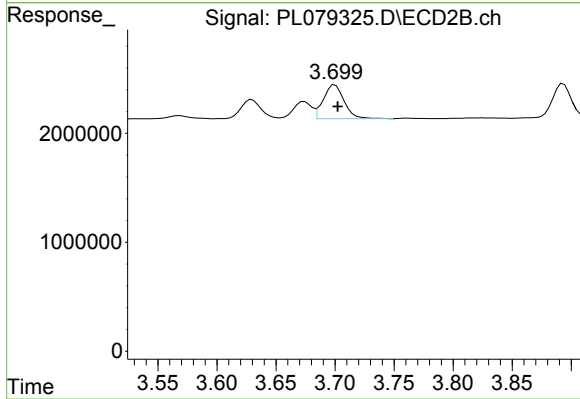
#3 gamma-BHC (Lindane)

R.T.: 3.374 min
Delta R.T.: -0.001 min
Response: 3675596
Conc: 1.04 ng/ml



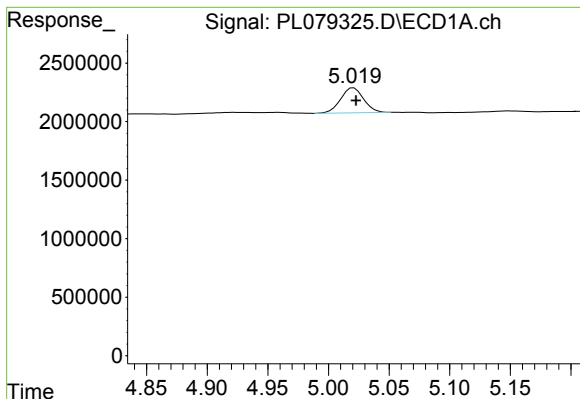
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: -0.001 min
Response: 3155644
Conc: 1.05 ng/ml



#4 Heptachlor

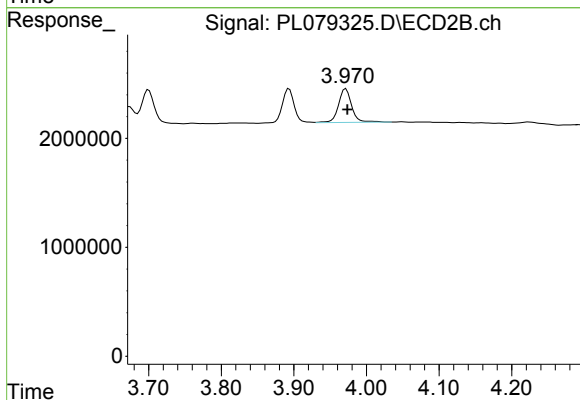
R.T.: 3.700 min
Delta R.T.: -0.002 min
Response: 3795740
Conc: 1.04 ng/ml



#5 Aldrin

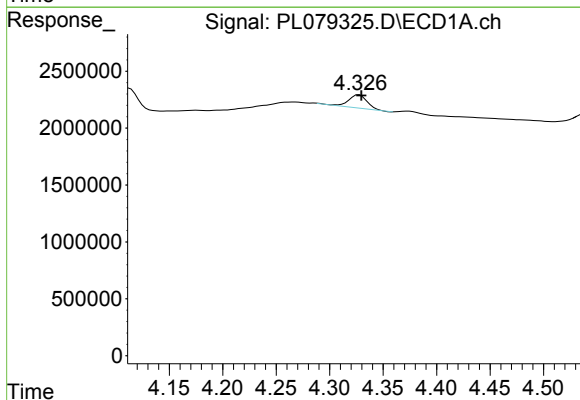
R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 2808828
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022



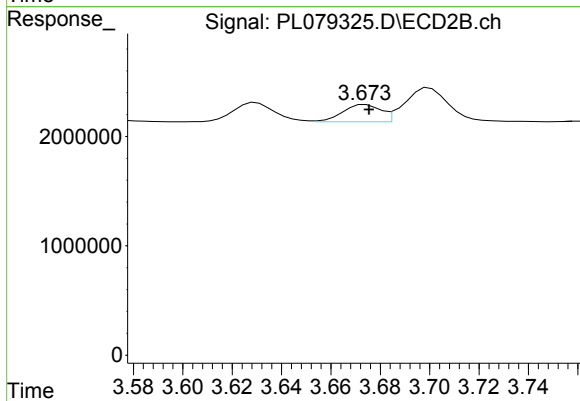
#5 Aldrin

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 3890110
Conc: 1.11 ng/ml



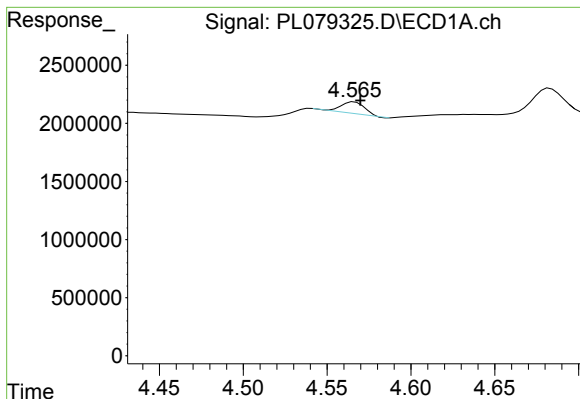
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 1304422
Conc: 0.99 ng/ml



#6 beta-BHC

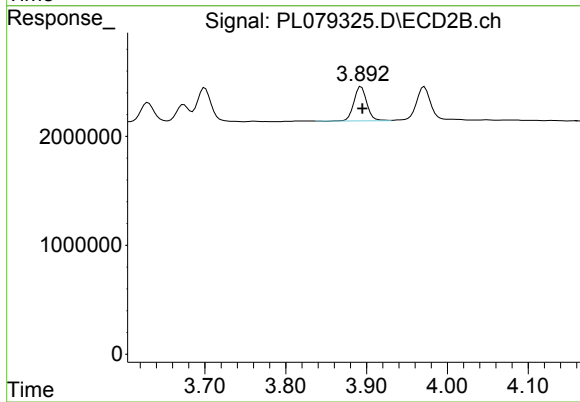
R.T.: 3.674 min
Delta R.T.: -0.002 min
Response: 1686827
Conc: 1.21 ng/ml



#7 delta-BHC

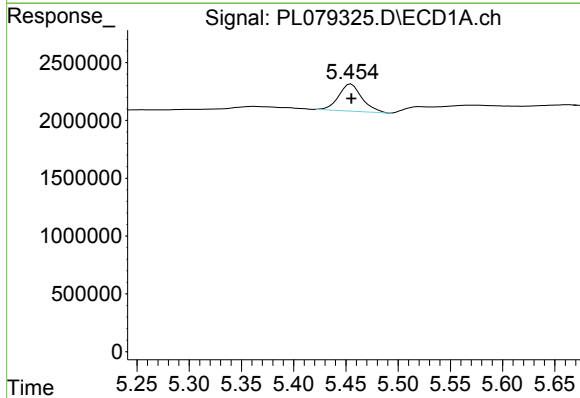
R.T.: 4.566 min
Delta R.T.: -0.003 min
Response: 985159
Conc: 0.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022



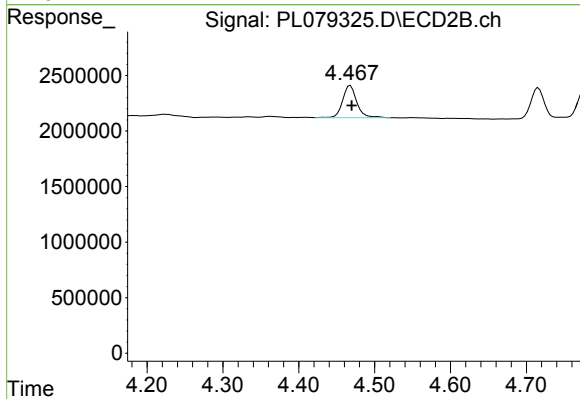
#7 delta-BHC

R.T.: 3.893 min
Delta R.T.: -0.002 min
Response: 3476918
Conc: 0.97 ng/ml



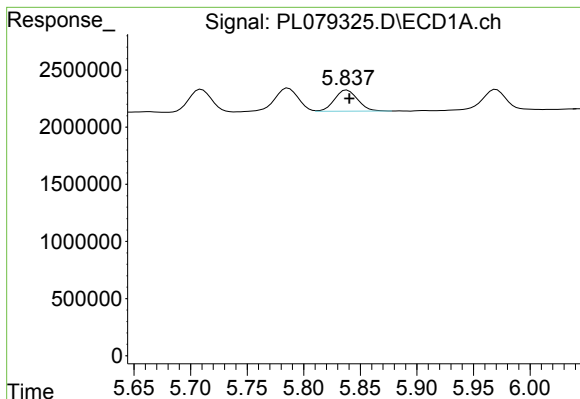
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 3636651
Conc: 1.54 ng/ml



#8 Heptachlor epoxide

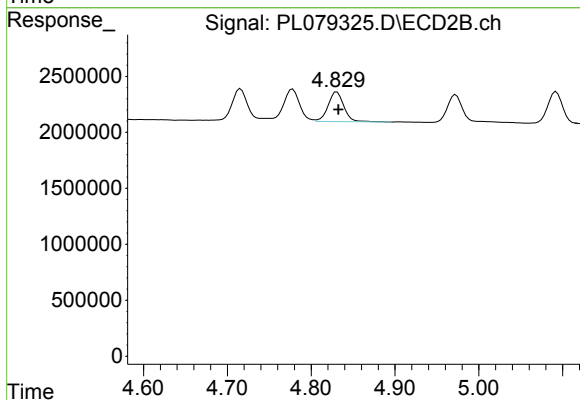
R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 3751921
Conc: 1.21 ng/ml



#9 Endosulfan I

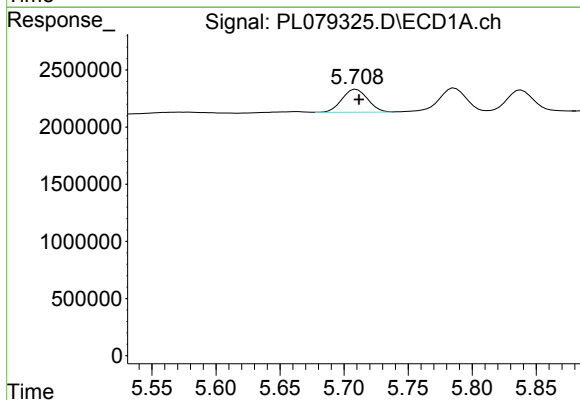
R.T.: 5.837 min
Delta R.T.: -0.004 min
Response: 2659643
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022



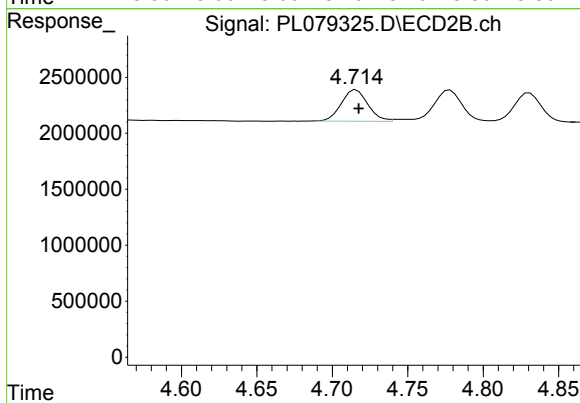
#9 Endosulfan I

R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 3497274
Conc: 1.18 ng/ml



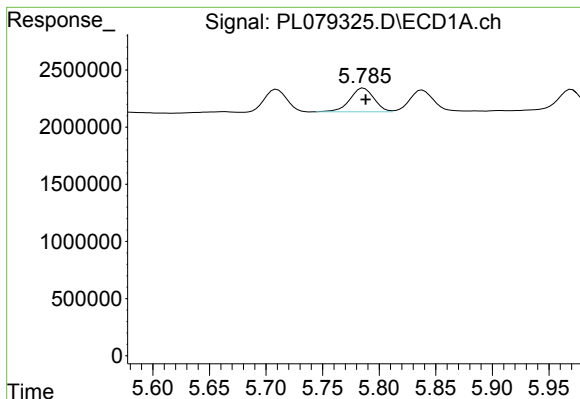
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: -0.004 min
Response: 2807598
Conc: 1.10 ng/ml m



#10 gamma-Chlordane

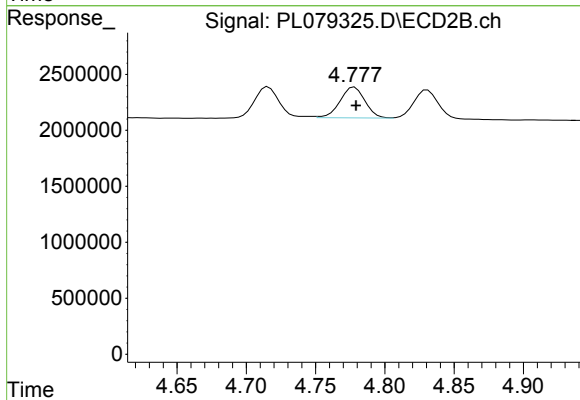
R.T.: 4.714 min
Delta R.T.: -0.003 min
Response: 3455244
Conc: 1.12 ng/ml m



#11 alpha-Chlordane

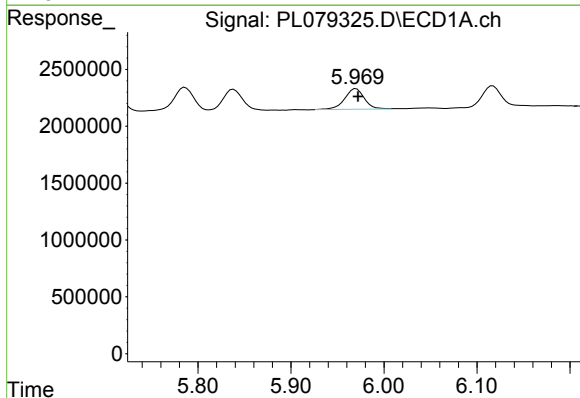
R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 3105068
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022



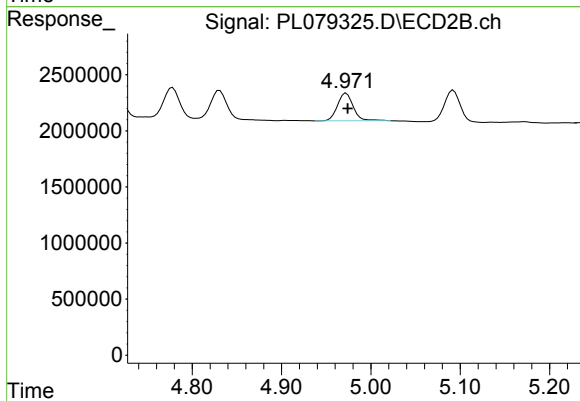
#11 alpha-Chlordane

R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 3449571
Conc: 1.13 ng/ml m



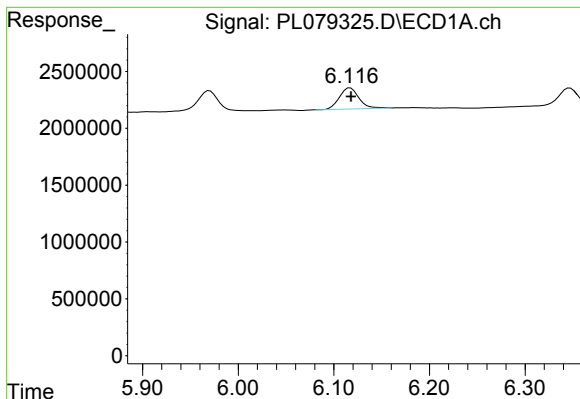
#12 4,4'-DDE

R.T.: 5.969 min
Delta R.T.: -0.003 min
Response: 2667170
Conc: 1.17 ng/ml m



#12 4,4'-DDE

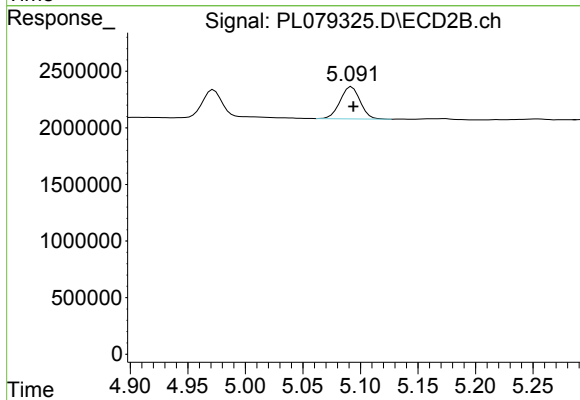
R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 2998617
Conc: 1.05 ng/ml



#13 Dieldrin

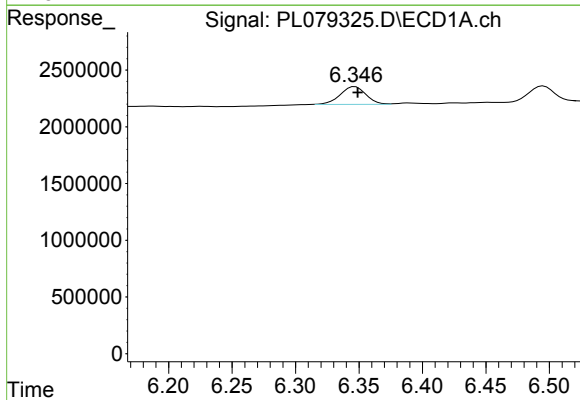
R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 2650252
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022



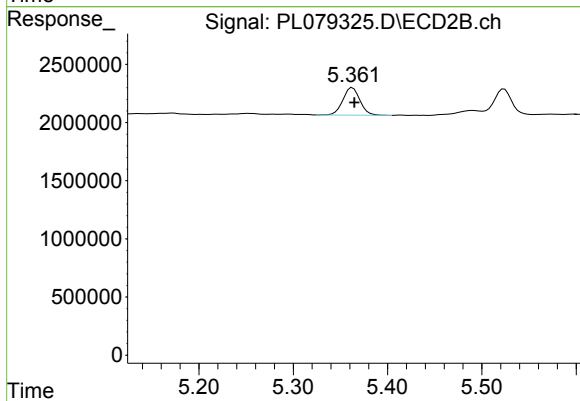
#13 Dieldrin

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 3449289
Conc: 1.12 ng/ml



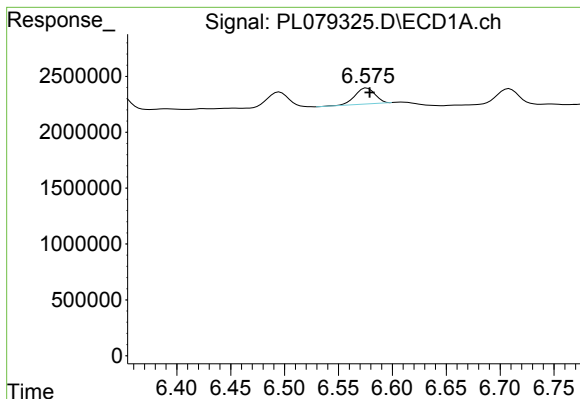
#14 Endrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 2228890
Conc: 1.01 ng/ml m



#14 Endrin

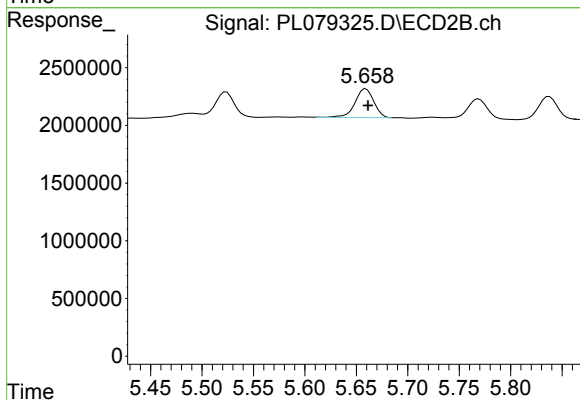
R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 2990675
Conc: 1.15 ng/ml



#15 Endosulfan II

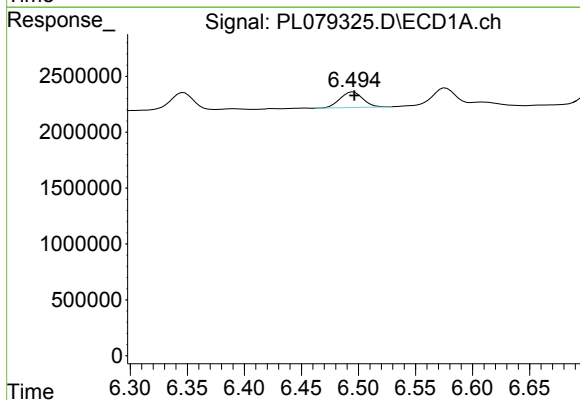
R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 1847048
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022



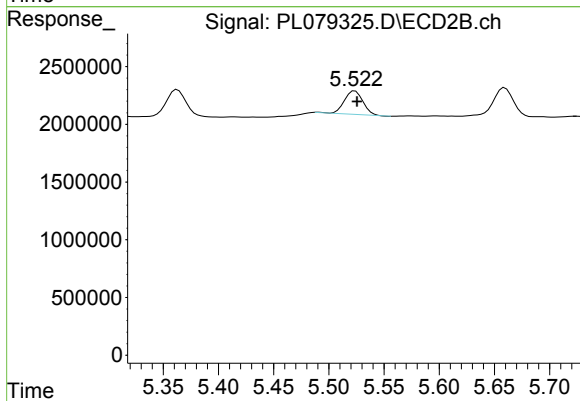
#15 Endosulfan II

R.T.: 5.658 min
Delta R.T.: -0.003 min
Response: 3196076
Conc: 1.19 ng/ml m



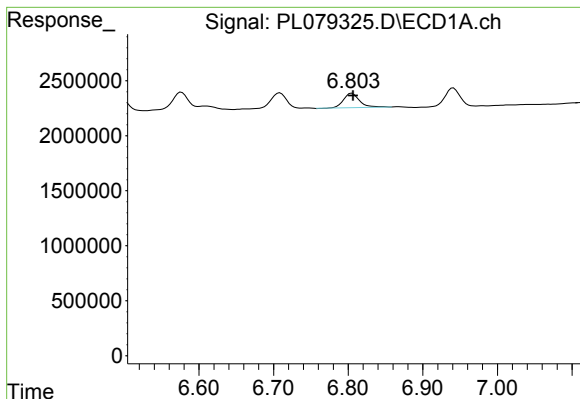
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: -0.001 min
Response: 1945608
Conc: 1.11 ng/ml



#16 4,4'-DDD

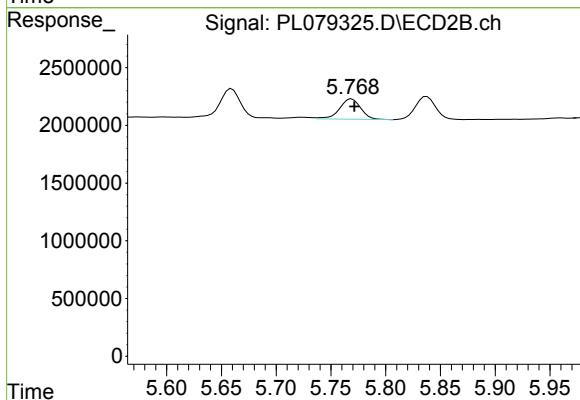
R.T.: 5.524 min
Delta R.T.: -0.002 min
Response: 2399888
Conc: 1.03 ng/ml



#17 4,4'-DDT

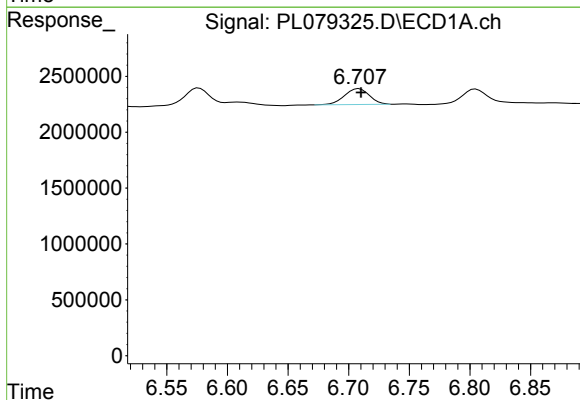
R.T.: 6.805 min
Delta R.T.: -0.002 min
Response: 1947615
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022



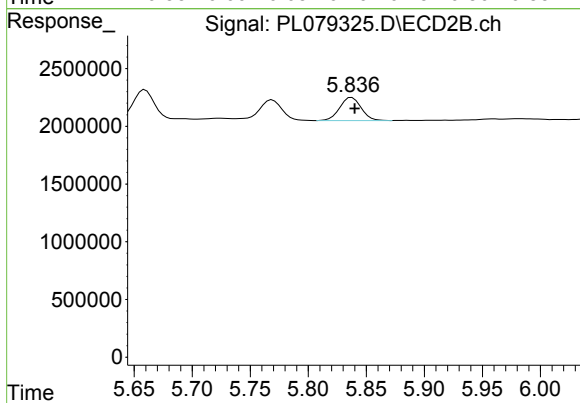
#17 4,4'-DDT

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 2380647
Conc: 0.98 ng/ml



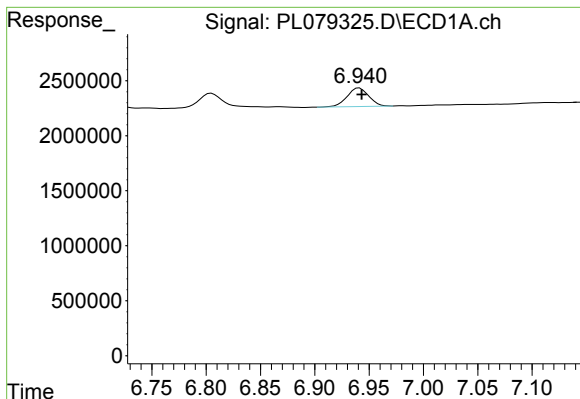
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 2044665
Conc: 1.28 ng/ml m



#18 Endrin aldehyde

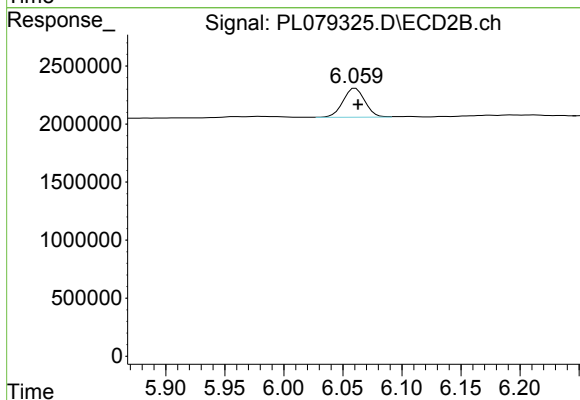
R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 2571067
Conc: 1.23 ng/ml



#19 Endosulfan Sulfate

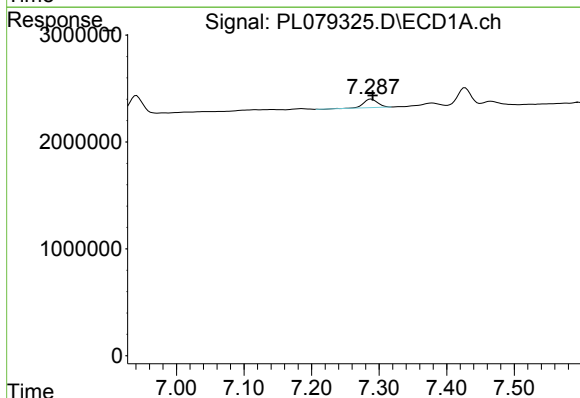
R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 2343363
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022



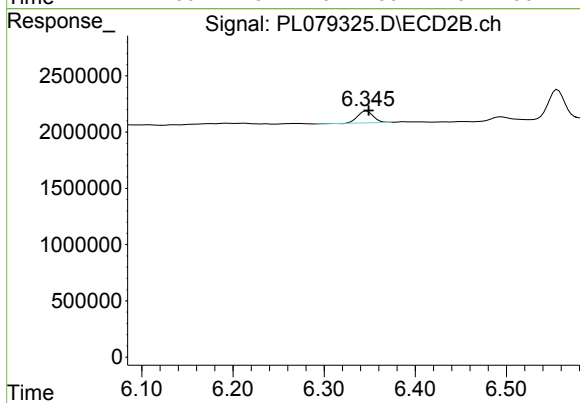
#19 Endosulfan Sulfate

R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 3252546
Conc: 1.25 ng/ml



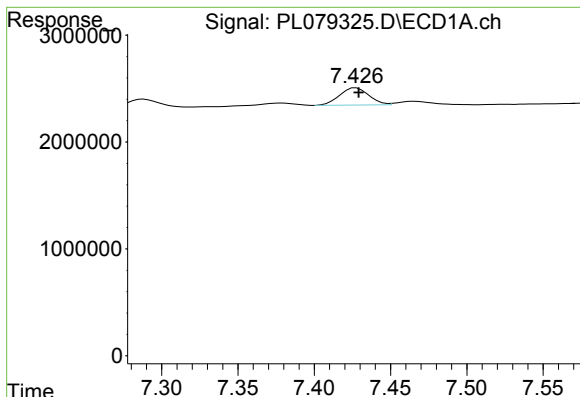
#20 Methoxychlor

R.T.: 7.288 min
Delta R.T.: -0.002 min
Response: 1152041
Conc: 1.08 ng/ml



#20 Methoxychlor

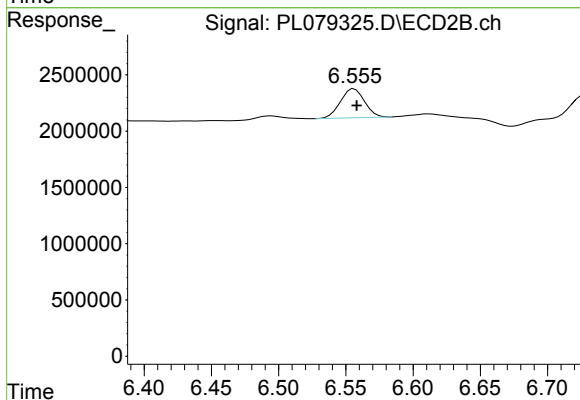
R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 1259381
Conc: 0.95 ng/ml



#21 Endrin ketone

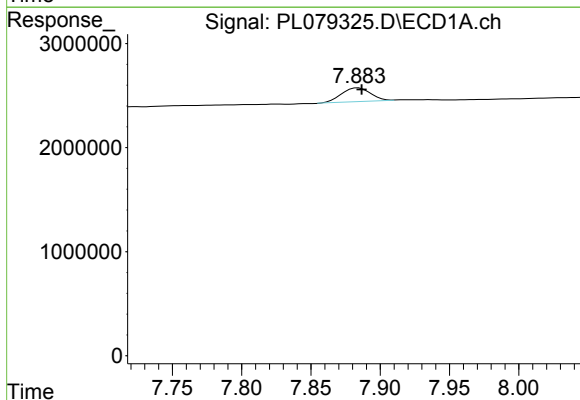
R.T.: 7.427 min
Delta R.T.: -0.002 min
Response: 2153410
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022



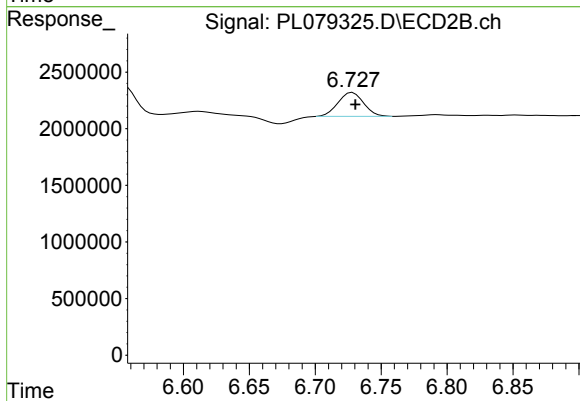
#21 Endrin ketone

R.T.: 6.556 min
Delta R.T.: -0.002 min
Response: 3197330
Conc: 1.13 ng/ml



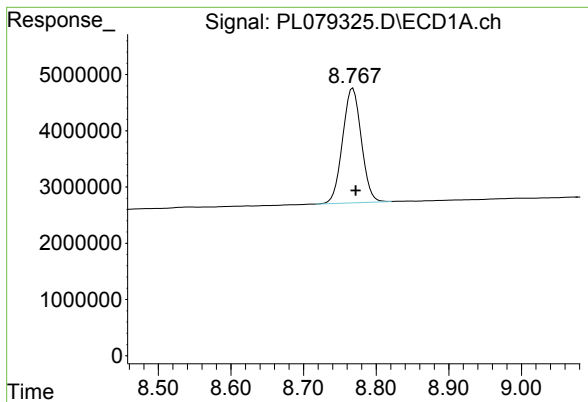
#22 Mirex

R.T.: 7.883 min
Delta R.T.: -0.004 min
Response: 1949867
Conc: 1.22 ng/ml m



#22 Mirex

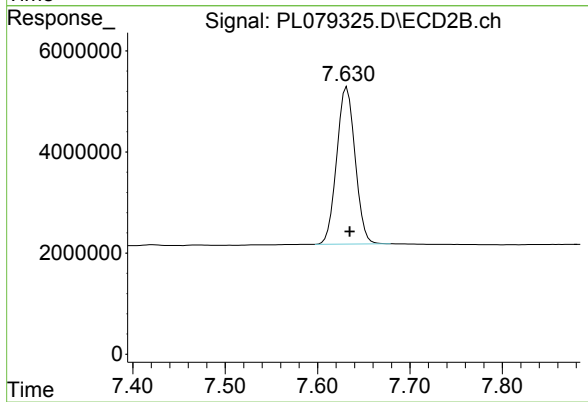
R.T.: 6.727 min
Delta R.T.: -0.003 min
Response: 2860741
Conc: 1.35 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.768 min
Delta R.T.: -0.004 min
Response: 36535398
Conc: 21.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2022



#28 Decachlorobiphenyl

R.T.: 7.632 min
Delta R.T.: -0.003 min
Response: 43061324
Conc: 20.76 ng/ml