

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051724\
 Data File : PL089598.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2024 17:02
 Operator : AR\AJ
 Sample : P2409-03
 Misc : PESR MDL SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 01:49:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051724CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri May 17 15:59:18 2024
 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

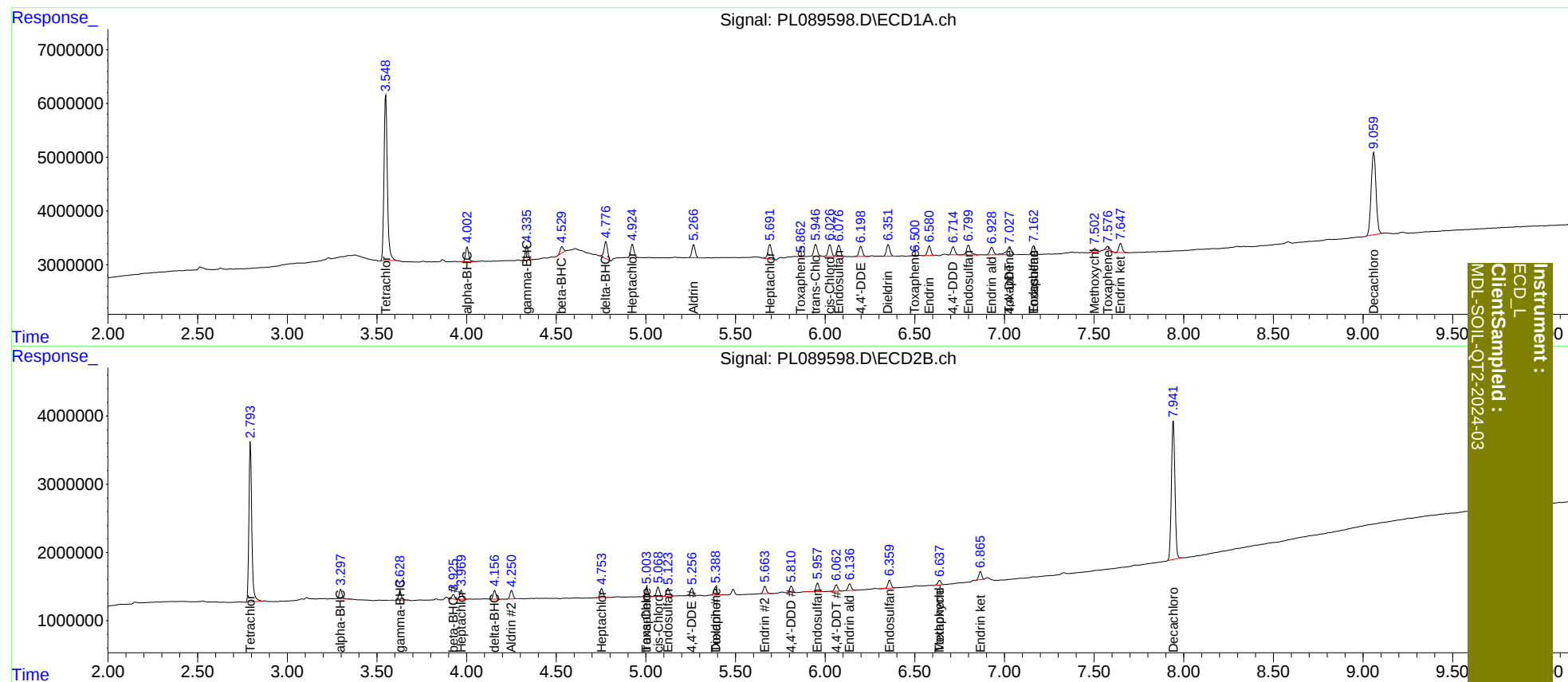
System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	2.794	40016454	25942732	20.577	20.217
27)	SA Decachlor...	9.060	7.942	28704128	27797971	23.373	23.170
Target Compounds							
2)	A alpha-BHC	4.003	3.298	3261303	1576346	1.168	0.875 #
3)	MA gamma-BHC...	4.336	3.629	3221066	1552660	1.225	0.911 #
4)	MA Heptachlor	4.925	3.971	3183088	1468666	1.339	0.871 #
5)	MB Aldrin	5.267	4.251	3122508	1449245	1.300	0.904 #
6)	B beta-BHC	4.532	3.927	1368230	615933	1.064	0.714 #
7)	B delta-BHC	4.778	4.157	4344397	1345339	1.676	0.775 #
8)	B Heptachlo...	5.692	4.755	4014560	1622397	1.736	1.015 #
9)	A Endosulfan I	6.077	5.125	2795889	1381902	1.393	0.995 #
10)	B trans-Chl...	5.948	5.005	2995163	1584332	1.379	1.027 #
11)	B cis-Chlor...	6.027	5.069	2898673	1668555	1.326	1.049
12)	B 4,4'-DDE	6.199	5.258	2388652	1221097	1.305	0.870 #
13)	MA Dieldrin	6.352	5.389	2936550	1454937	1.449	0.951 #
14)	MA Endrin	6.582	5.665	2285315	1359943	1.342	0.988 #
15)	B Endosulfa...	6.800	5.958	2811656	1518961	1.556	1.115 #
16)	A 4,4'-DDD	6.715	5.812	1909168	1160131	1.296	1.016
17)	MA 4,4'-DDT	7.029	6.063	2775343	1153547	1.976	0.961 #
18)	B Endrin al...	6.930	6.138	2027828	1222346	1.489	1.153
19)	B Endosulfa...	7.164	6.360	2222916	1439051	1.379	1.089
20)	A Methoxychlor	7.505	6.639	870659	799944	1.272	1.181
21)	B Endrin ke...	7.648	6.866	2271072	1313153	1.305	0.893 #
22)	Toxaphene-1	5.866	5.005	30592	1584332	4.129	185.200 #
23)	Toxaphene-2	6.502f	5.389	281865	1454937	14.180	179.439 #
24)	Toxaphene-3	7.029f	6.639	2775343	799944	63.652	28.201 #
25)	Toxaphene-4	7.164	0.000	2222916	0	66.918	N.D. #
26)	Toxaphene-5	7.577	0.000	889757	0	38.000	N.D. #

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

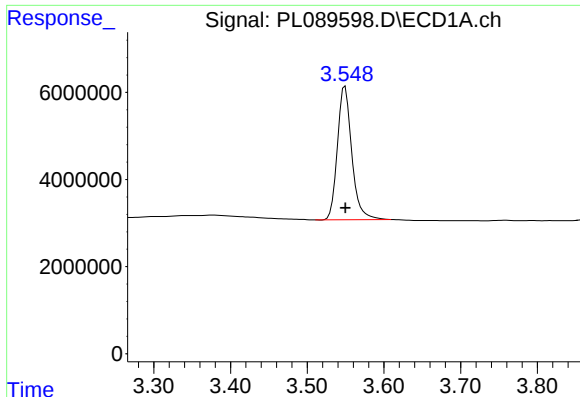
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051724\
Data File : PL089598.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2024 17:02
Operator : AR\AJ
Sample : P2409-03
Misc : PESR MDL SOIL
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 01:49:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051724CLP.M
Quant Title : GC Extractables
QLast Update : Fri May 17 15:59:18 2024
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 x 0.50µm



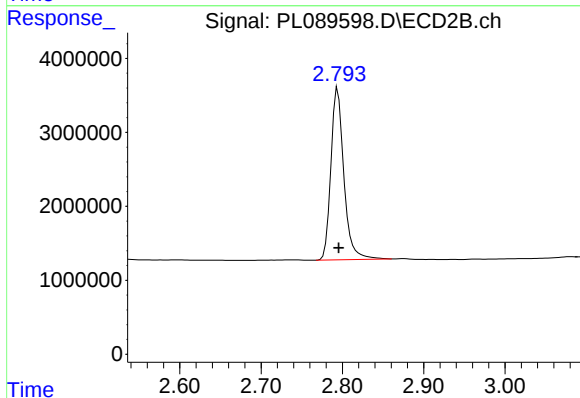
Instrument :
ECD_L
ClientSample :
MDL-SOIL-QT2-2024-03



#1 Tetrachloro-m-xylene

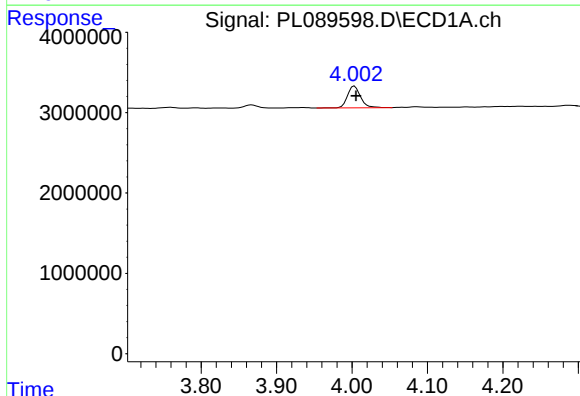
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 40016454
Conc: 20.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



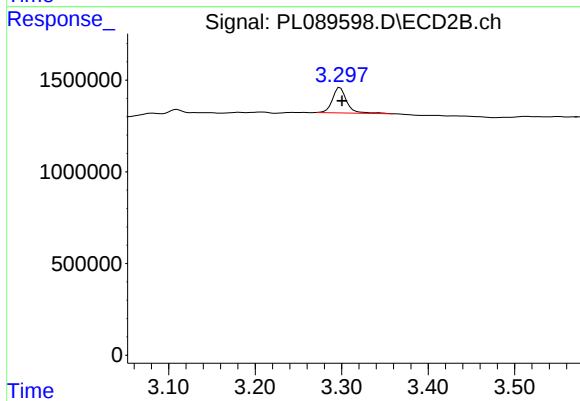
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: 0.000 min
Response: 25942732
Conc: 20.22 ng/ml



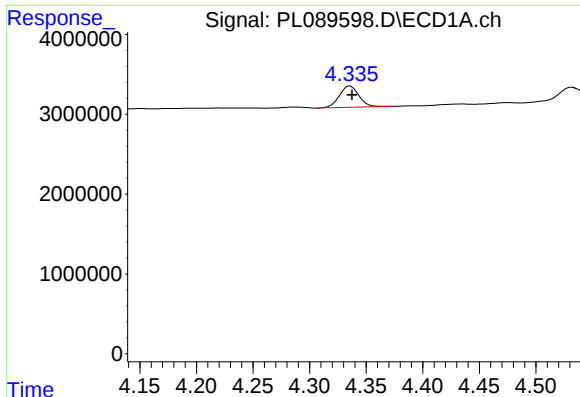
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: -0.002 min
Response: 3261303
Conc: 1.17 ng/ml



#2 alpha-BHC

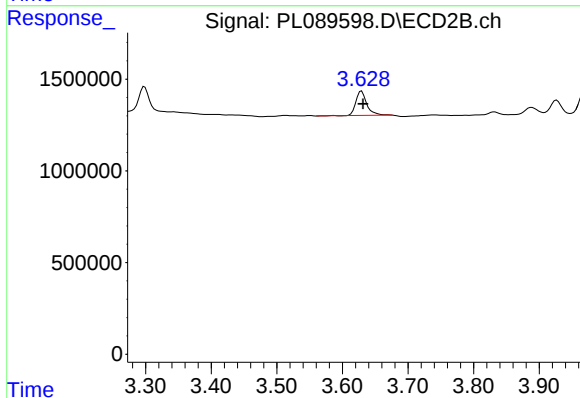
R.T.: 3.298 min
Delta R.T.: -0.002 min
Response: 1576346
Conc: 0.88 ng/ml



#3 gamma-BHC (Lindane)

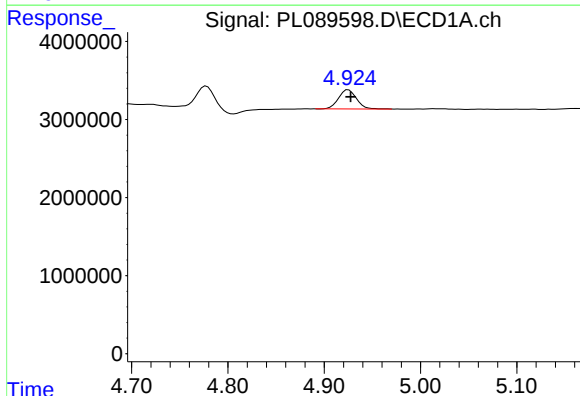
R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 3221066
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



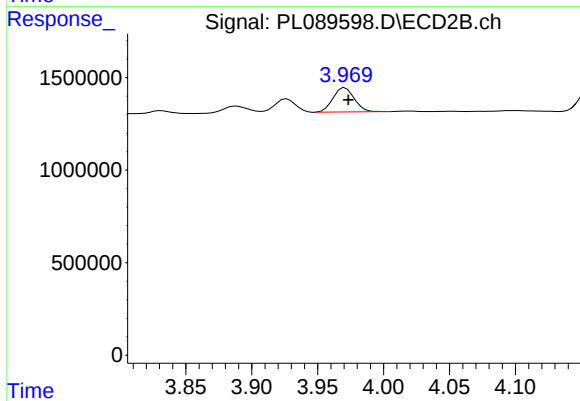
#3 gamma-BHC (Lindane)

R.T.: 3.629 min
Delta R.T.: -0.002 min
Response: 1552660
Conc: 0.91 ng/ml



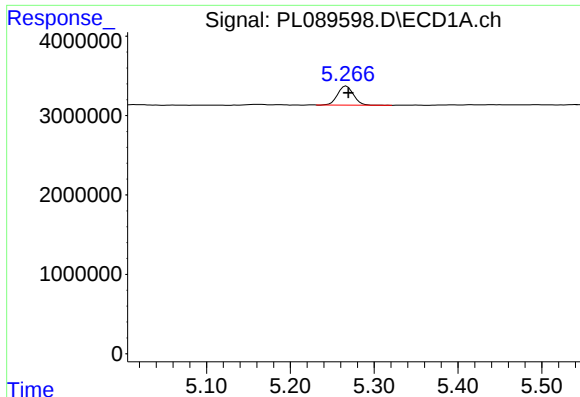
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 3183088
Conc: 1.34 ng/ml



#4 Heptachlor

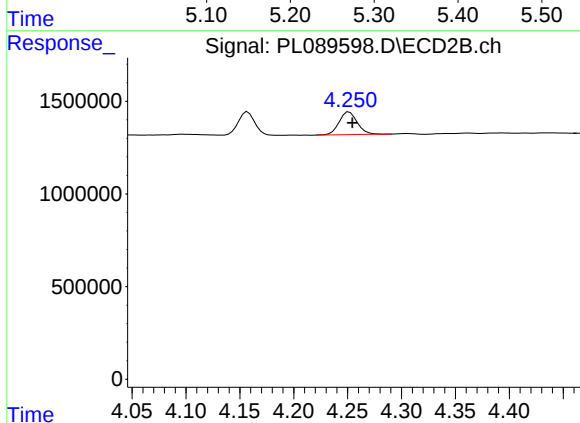
R.T.: 3.971 min
Delta R.T.: -0.003 min
Response: 1468666
Conc: 0.87 ng/ml



#5 Aldrin

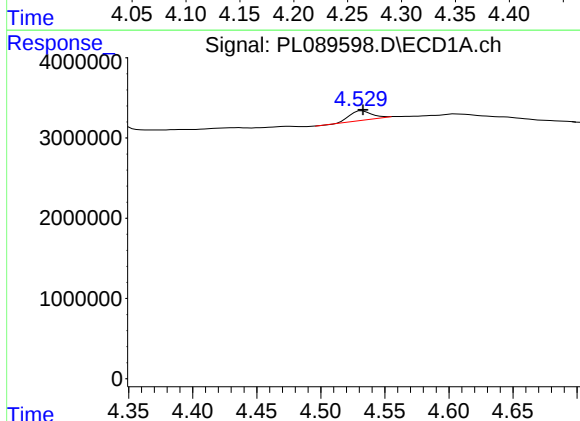
R.T.: 5.267 min
Delta R.T.: -0.002 min
Response: 3122508
Conc: 1.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



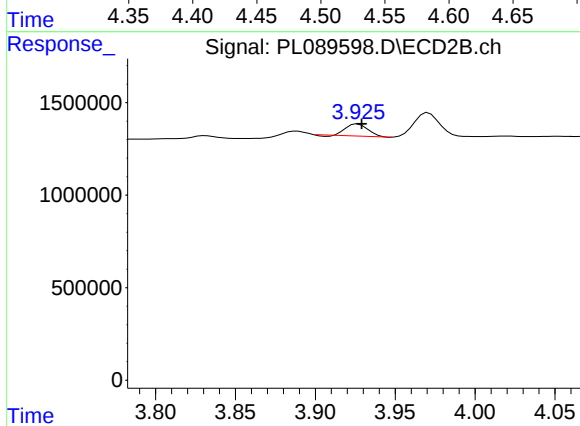
#5 Aldrin

R.T.: 4.251 min
Delta R.T.: -0.003 min
Response: 1449245
Conc: 0.90 ng/ml



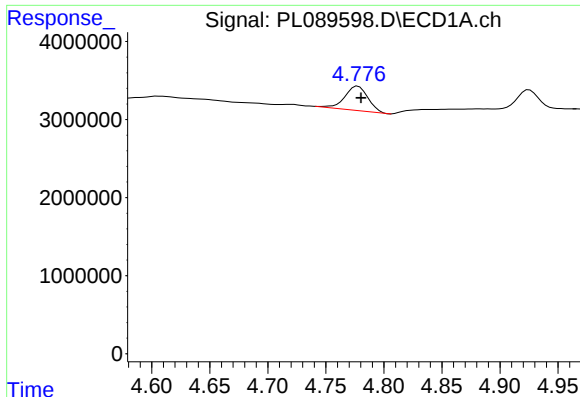
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 1368230
Conc: 1.06 ng/ml



#6 beta-BHC

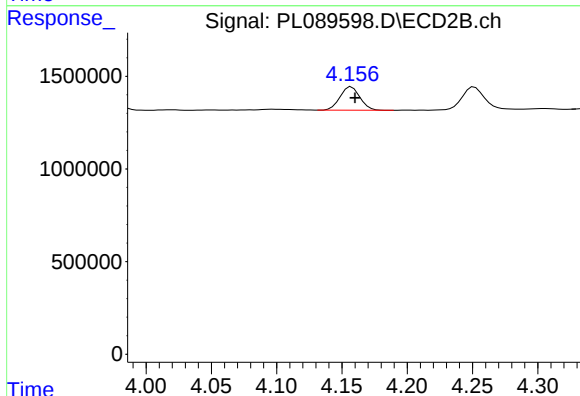
R.T.: 3.927 min
Delta R.T.: -0.002 min
Response: 615933
Conc: 0.71 ng/ml



#7 delta-BHC

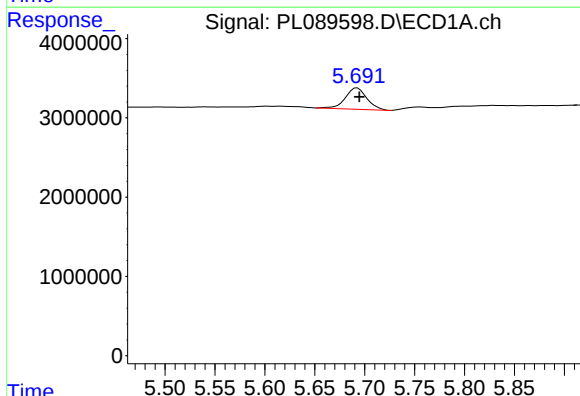
R.T.: 4.778 min
Delta R.T.: -0.003 min
Response: 4344397
Conc: 1.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



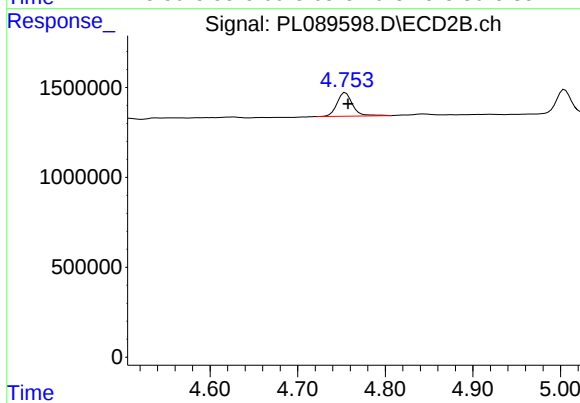
#7 delta-BHC

R.T.: 4.157 min
Delta R.T.: -0.003 min
Response: 1345339
Conc: 0.78 ng/ml



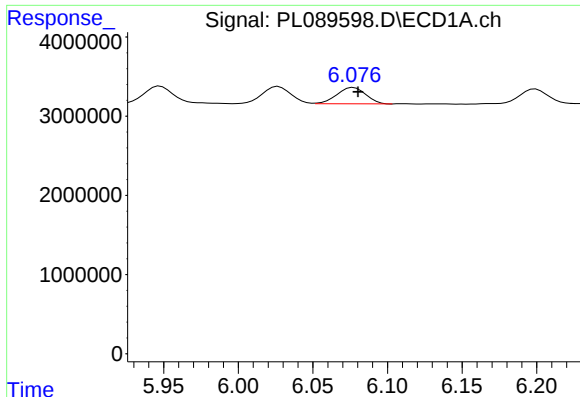
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 4014560
Conc: 1.74 ng/ml



#8 Heptachlor epoxide

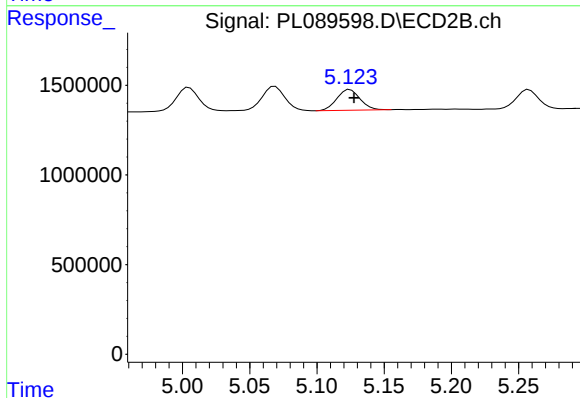
R.T.: 4.755 min
Delta R.T.: -0.003 min
Response: 1622397
Conc: 1.01 ng/ml



#9 Endosulfan I

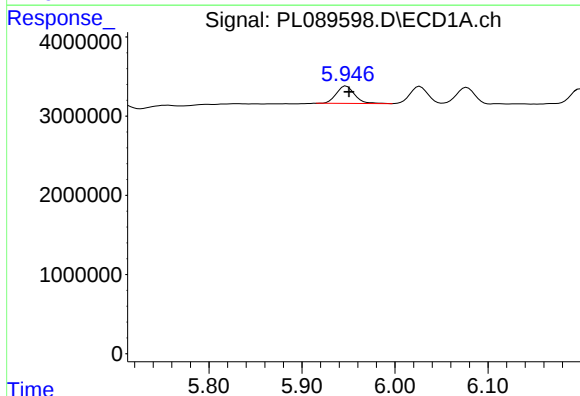
R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 2795889
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



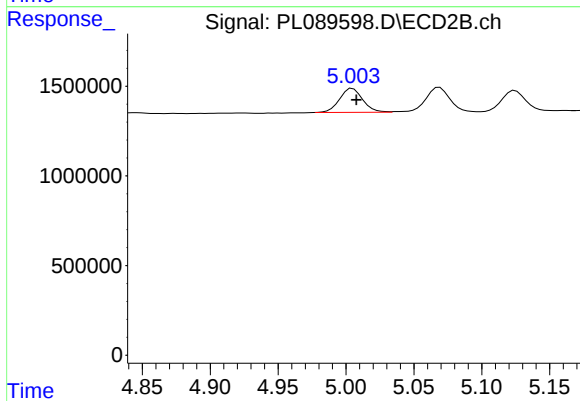
#9 Endosulfan I

R.T.: 5.125 min
Delta R.T.: -0.003 min
Response: 1381902
Conc: 0.99 ng/ml



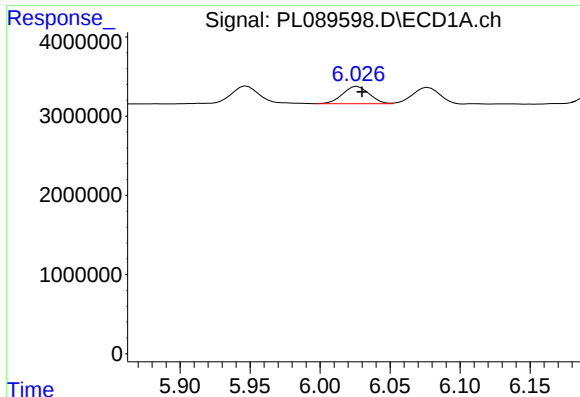
#10 trans-Chlordane

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 2995163
Conc: 1.38 ng/ml



#10 trans-Chlordane

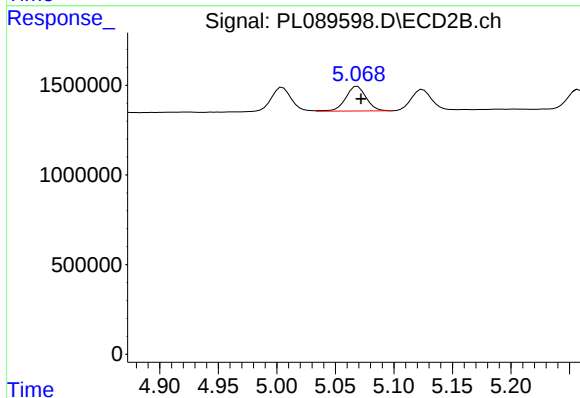
R.T.: 5.005 min
Delta R.T.: -0.003 min
Response: 1584332
Conc: 1.03 ng/ml



#11 cis-Chlordane

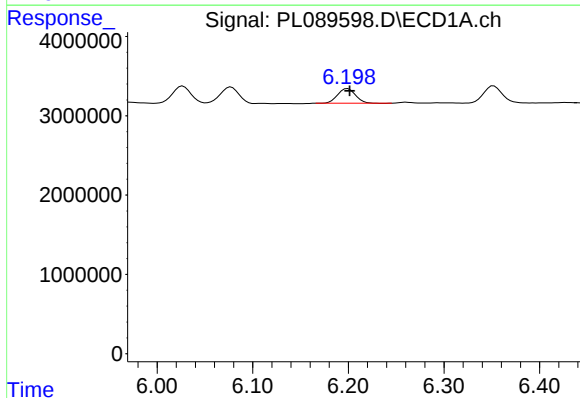
R.T.: 6.027 min
Delta R.T.: -0.003 min
Response: 2898673
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



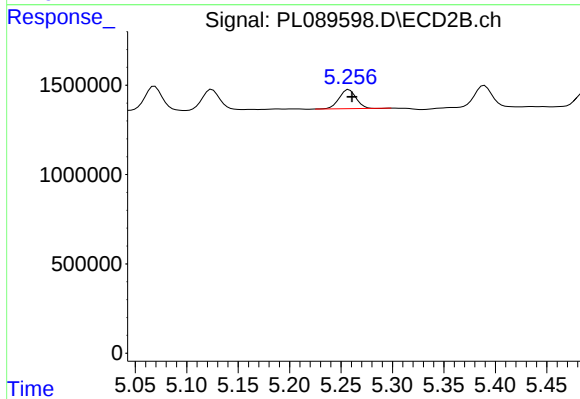
#11 cis-Chlordane

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 1668555
Conc: 1.05 ng/ml



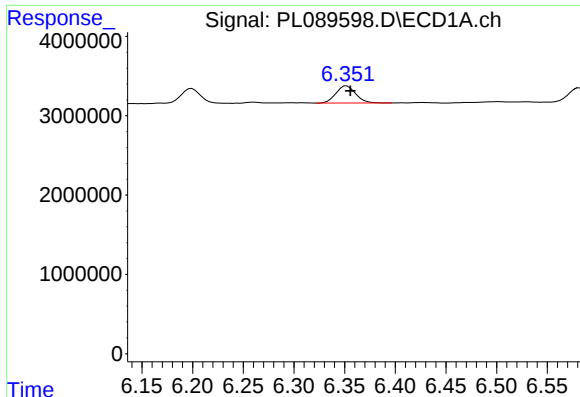
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: -0.002 min
Response: 2388652
Conc: 1.30 ng/ml



#12 4,4'-DDE

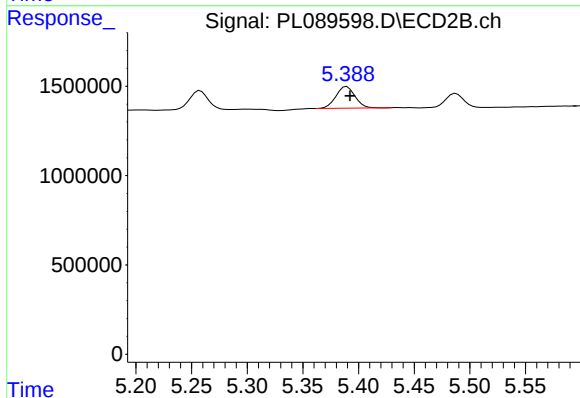
R.T.: 5.258 min
Delta R.T.: -0.003 min
Response: 1221097
Conc: 0.87 ng/ml



#13 Dieldrin

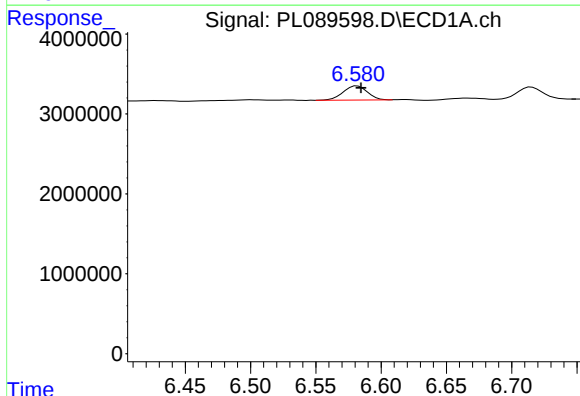
R.T.: 6.352 min
Delta R.T.: -0.004 min
Response: 2936550
Conc: 1.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



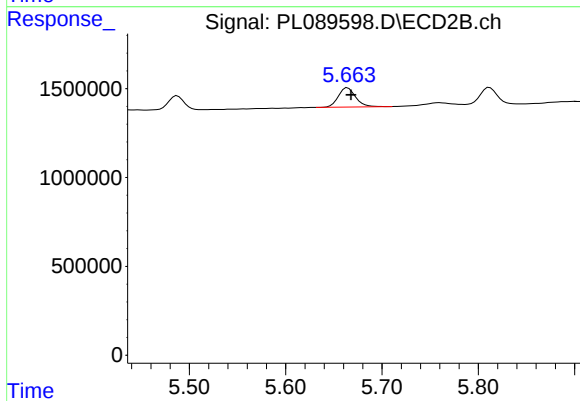
#13 Dieldrin

R.T.: 5.389 min
Delta R.T.: -0.003 min
Response: 1454937
Conc: 0.95 ng/ml



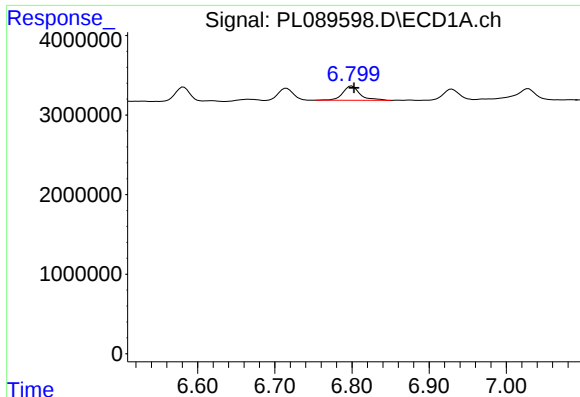
#14 Endrin

R.T.: 6.582 min
Delta R.T.: -0.003 min
Response: 2285315
Conc: 1.34 ng/ml



#14 Endrin

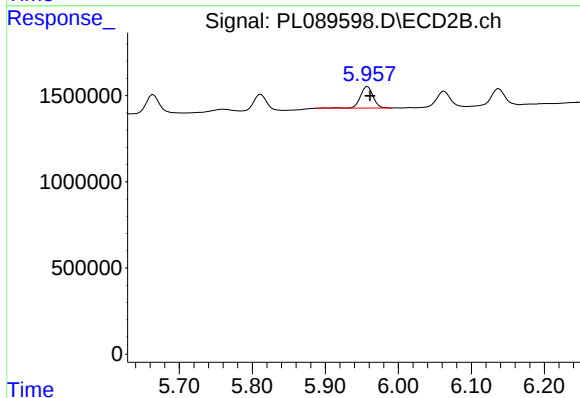
R.T.: 5.665 min
Delta R.T.: -0.003 min
Response: 1359943
Conc: 0.99 ng/ml



#15 Endosulfan II

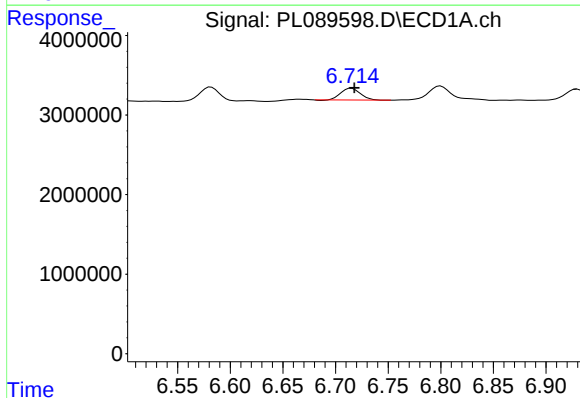
R.T.: 6.800 min
Delta R.T.: -0.003 min
Response: 2811656
Conc: 1.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



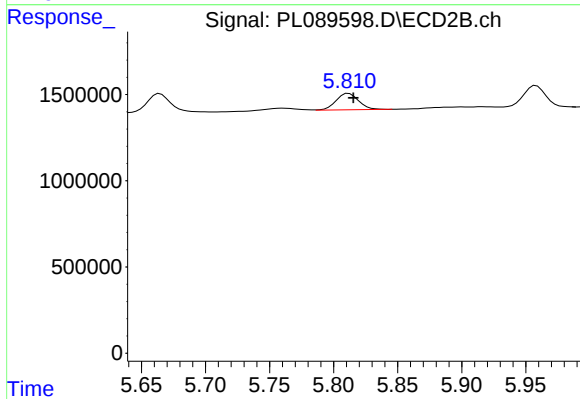
#15 Endosulfan II

R.T.: 5.958 min
Delta R.T.: -0.003 min
Response: 1518961
Conc: 1.12 ng/ml



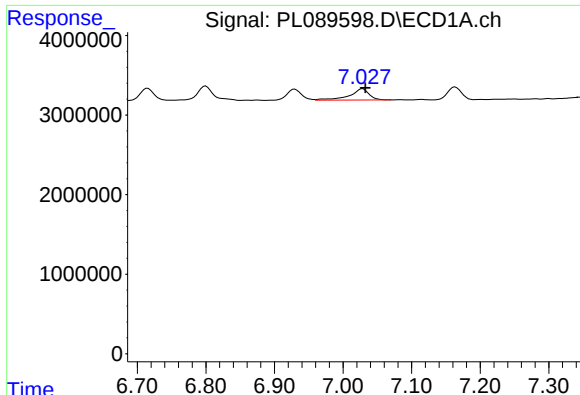
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.003 min
Response: 1909168
Conc: 1.30 ng/ml



#16 4,4'-DDD

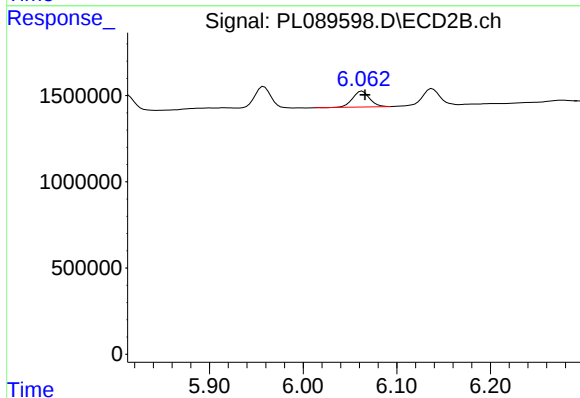
R.T.: 5.812 min
Delta R.T.: -0.004 min
Response: 1160131
Conc: 1.02 ng/ml



#17 4,4'-DDT

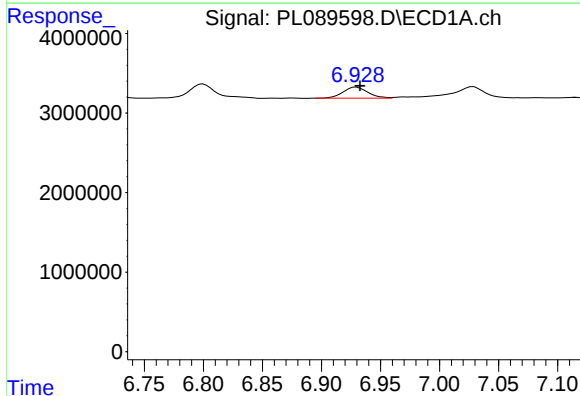
R.T.: 7.029 min
Delta R.T.: -0.004 min
Response: 2775343
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



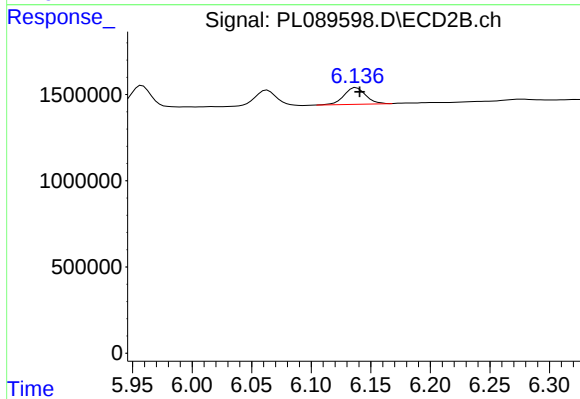
#17 4,4'-DDT

R.T.: 6.063 min
Delta R.T.: -0.003 min
Response: 1153547
Conc: 0.96 ng/ml



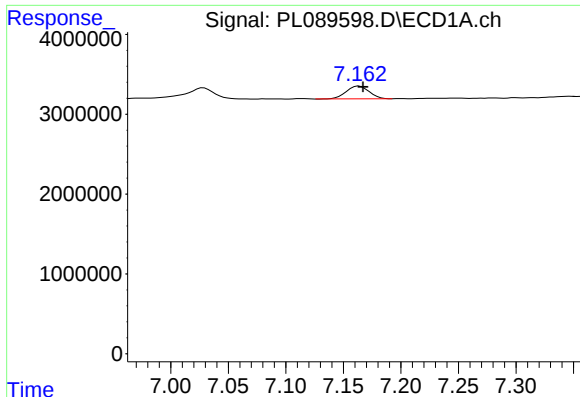
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: -0.003 min
Response: 2027828
Conc: 1.49 ng/ml



#18 Endrin aldehyde

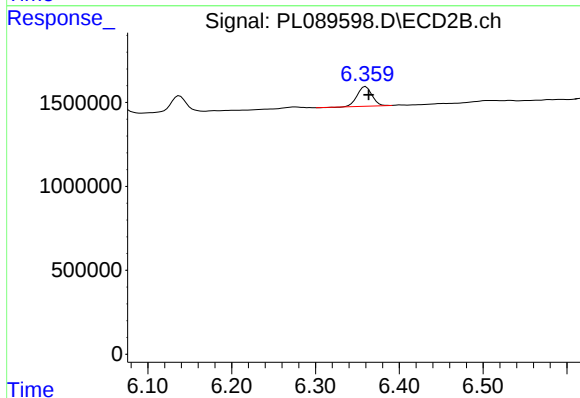
R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 1222346
Conc: 1.15 ng/ml



#19 Endosulfan Sulfate

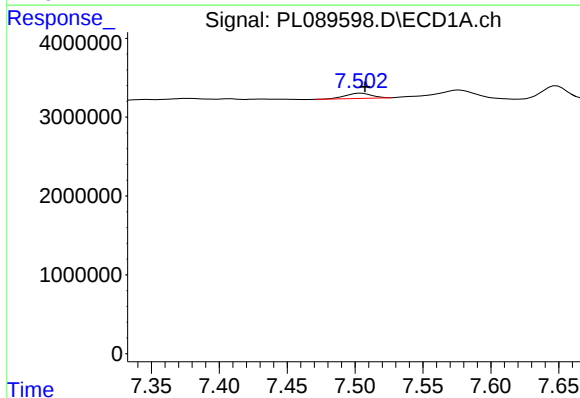
R.T.: 7.164 min
Delta R.T.: -0.003 min
Response: 2222916
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



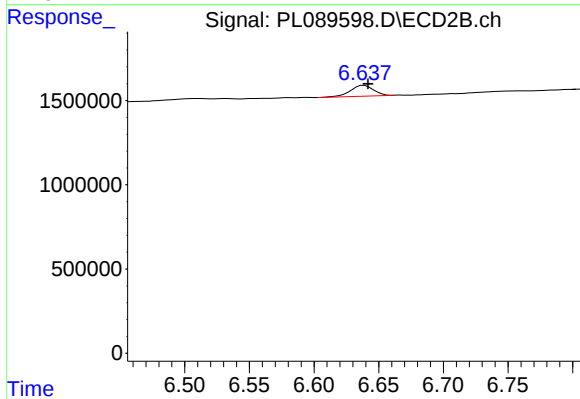
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: -0.004 min
Response: 1439051
Conc: 1.09 ng/ml



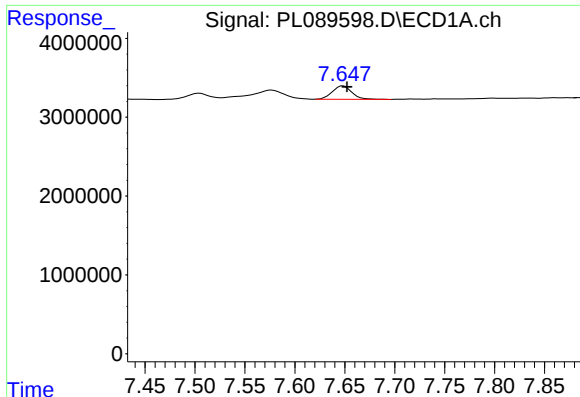
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: -0.003 min
Response: 870659
Conc: 1.27 ng/ml



#20 Methoxychlor

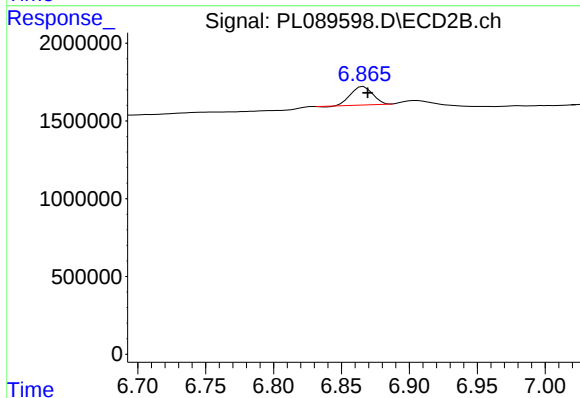
R.T.: 6.639 min
Delta R.T.: -0.003 min
Response: 799944
Conc: 1.18 ng/ml



#21 Endrin ketone

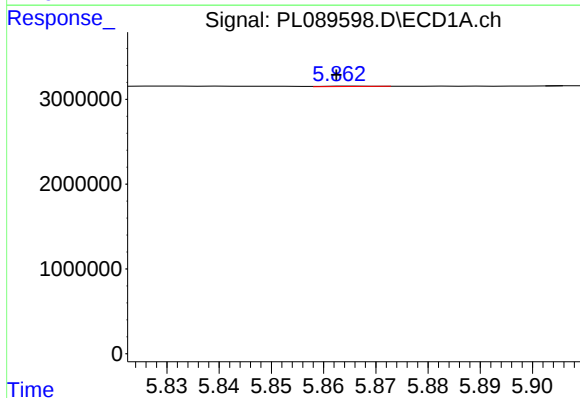
R.T.: 7.648 min
Delta R.T.: -0.004 min
Response: 2271072
Conc: 1.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



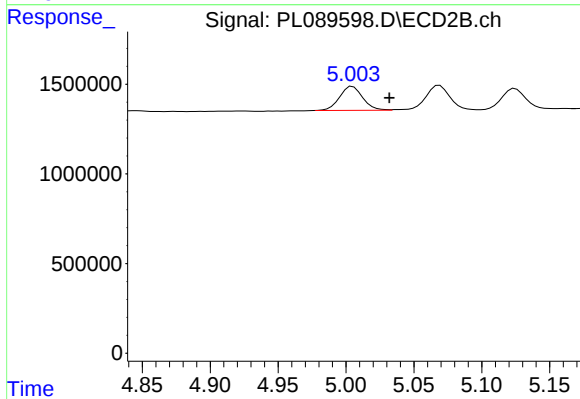
#21 Endrin ketone

R.T.: 6.866 min
Delta R.T.: -0.003 min
Response: 1313153
Conc: 0.89 ng/ml



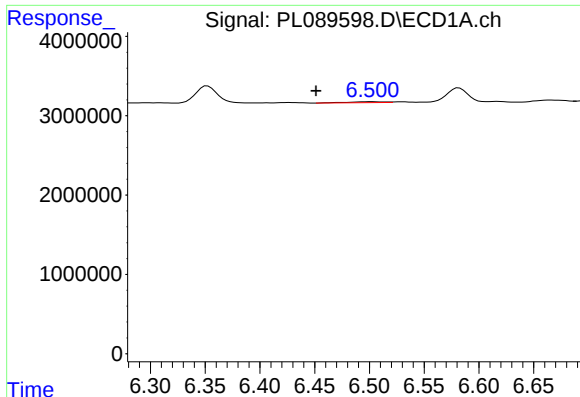
#22 Toxaphene-1

R.T.: 5.866 min
Delta R.T.: 0.003 min
Response: 30592
Conc: 4.13 ng/ml



#22 Toxaphene-1

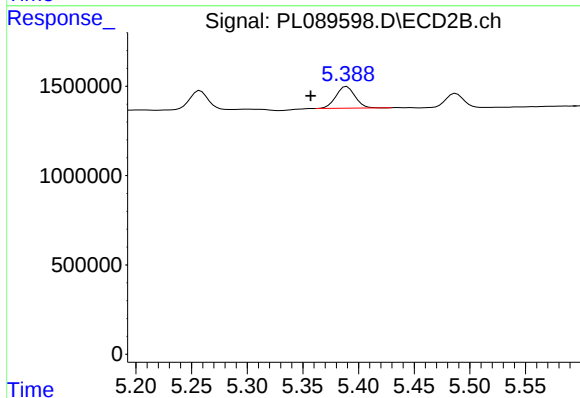
R.T.: 5.005 min
Delta R.T.: -0.027 min
Response: 1584332
Conc: 185.20 ng/ml



#23 Toxaphene-2

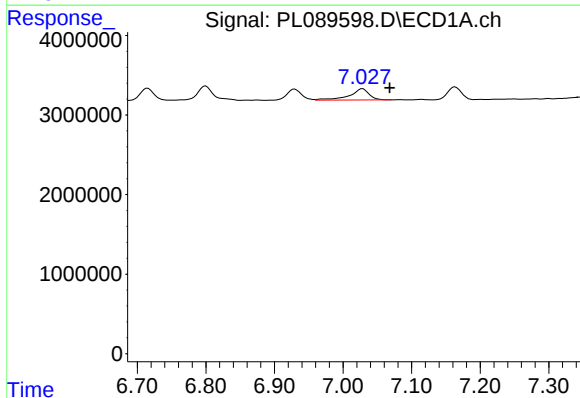
R.T.: 6.502 min
Delta R.T.: 0.051 min
Response: 281865
Conc: 14.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



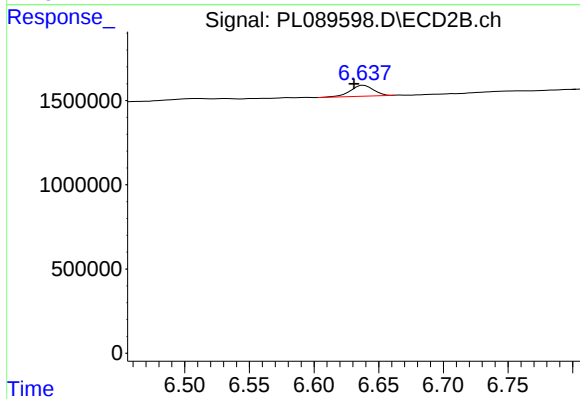
#23 Toxaphene-2

R.T.: 5.389 min
Delta R.T.: 0.032 min
Response: 1454937
Conc: 179.44 ng/ml



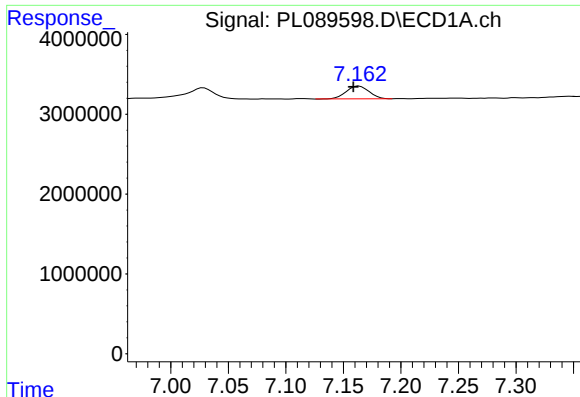
#24 Toxaphene-3

R.T.: 7.029 min
Delta R.T.: -0.039 min
Response: 2775343
Conc: 63.65 ng/ml



#24 Toxaphene-3

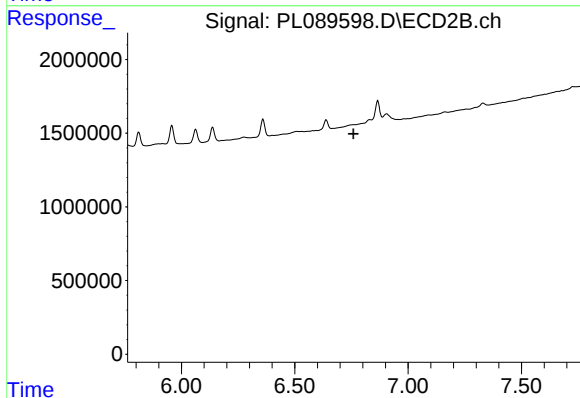
R.T.: 6.639 min
Delta R.T.: 0.008 min
Response: 799944
Conc: 28.20 ng/ml



#25 Toxaphene-4

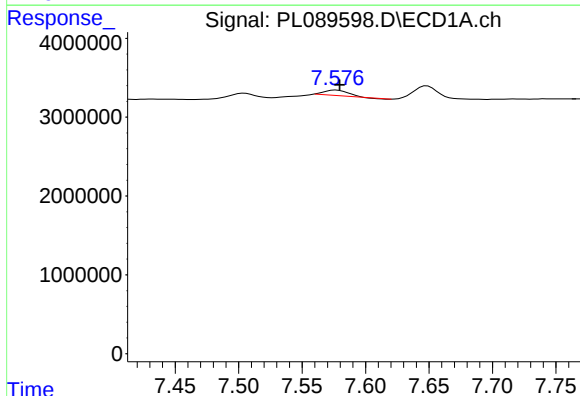
R.T.: 7.164 min
Delta R.T.: 0.005 min
Response: 2222916
Conc: 66.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



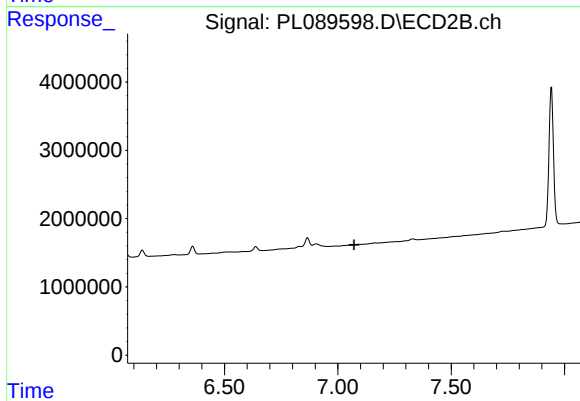
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 6.759 min
Response: 0
Conc: N.D.



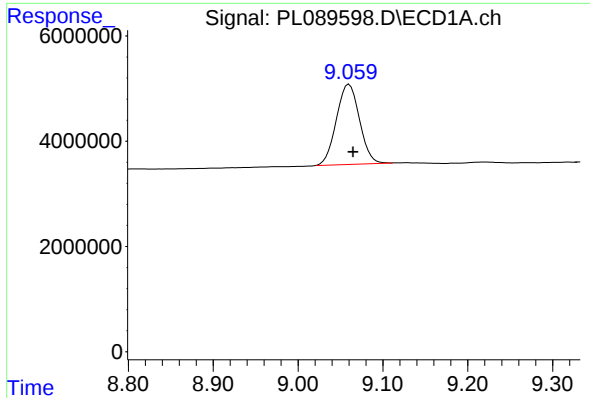
#26 Toxaphene-5

R.T.: 7.577 min
Delta R.T.: -0.003 min
Response: 889757
Conc: 38.00 ng/ml



#26 Toxaphene-5

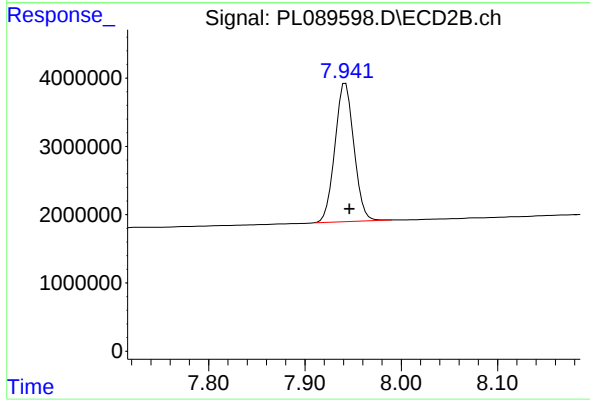
R.T.: 0.000 min
Exp R.T. : 7.072 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.004 min
Response: 28704128
Conc: 23.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT2-2024-03



#27 Decachlorobiphenyl

R.T.: 7.942 min
Delta R.T.: -0.004 min
Response: 27797971
Conc: 23.17 ng/ml