

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051324\
 Data File : PL089501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2024 12:41
 Operator : AR\AJ
 Sample : P2403-03
 Misc : PEST MDL 1PPB
 ALS Vial : 7 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 04:35:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.557	2.798	39345162	25646898	19.539	19.989
28)	SA Decachlor...	9.070	7.948	27781560	27039800	19.858	20.101
Target Compounds							
2)	A alpha-BHC	4.011	3.302	3068960	1514177	1.076	0.802 #
3)	MA gamma-BHC...	4.343	3.633	4340980	1509939	1.559	0.818 #
4)	MA Heptachlor	4.933	3.975	8921372	1518552	3.597	0.867 #
5)	MB Aldrin	5.275	4.256	7574015	1654424	2.949	0.936 #
6)	B beta-BHC	4.538	3.930	1370289	836102	1.086	1.024
7)	B delta-BHC	4.785	4.161	5148740	1444748	1.941	0.803 #
8)	B Heptachlo...	5.700	4.759	5881129	1453104	2.507	0.899 #
9)	A Endosulfan I	6.085	5.130	3533218	1349424	1.644	0.901 #
10)	B gamma-Chl...	5.955	5.009	4711821	1621944	2.061	0.988 #
11)	B alpha-Chl...	6.035	5.073	4027464	1576190	1.771	0.956 #
12)	B 4,4'-DDE	6.207	5.262	2711820	1245456	1.340	0.857 #
13)	MA Dieldrin	6.360	5.394	2960898	1423464	1.323	0.885 #
14)	MA Endrin	6.590	5.670	2363689	1189418	1.248	0.827 #
15)	B Endosulfa...	6.807	5.963	2948304	1473102	1.477	1.024 #
16)	A 4,4'-DDD	6.723	5.817	2268146	1345509	1.344	1.091
17)	MA 4,4'-DDT	7.037	6.068	2339810	962888	1.272	0.712 #
18)	B Endrin al...	6.938	6.143	2071837	1151257	1.370	1.035
19)	B Endosulfa...	7.172	6.366	2421632	1448727	1.339	1.044
20)	A Methoxychlor	7.511	6.644	1405699	699556	1.429	0.875 #
21)	B Endrin ke...	7.656	6.872	2551533	1767166	1.275	1.105
22)	Mirex	8.131	7.056	1803230	1592223	1.160	1.167
23)	Chlordane-1	0.000	3.828f	0	13831	N.D.	0.281 #
24)	Chlordane-2	5.229	4.393	1848692	113307	17.591	1.781 #
25)	Chlordane-3	5.955	5.009	4711821	1621944	14.267	9.473 #
26)	Chlordane-4	6.035	5.073	4027464	1576190	9.880	9.799
27)	Chlordane-5	6.882	5.755	41677	340814	0.501	6.659 #

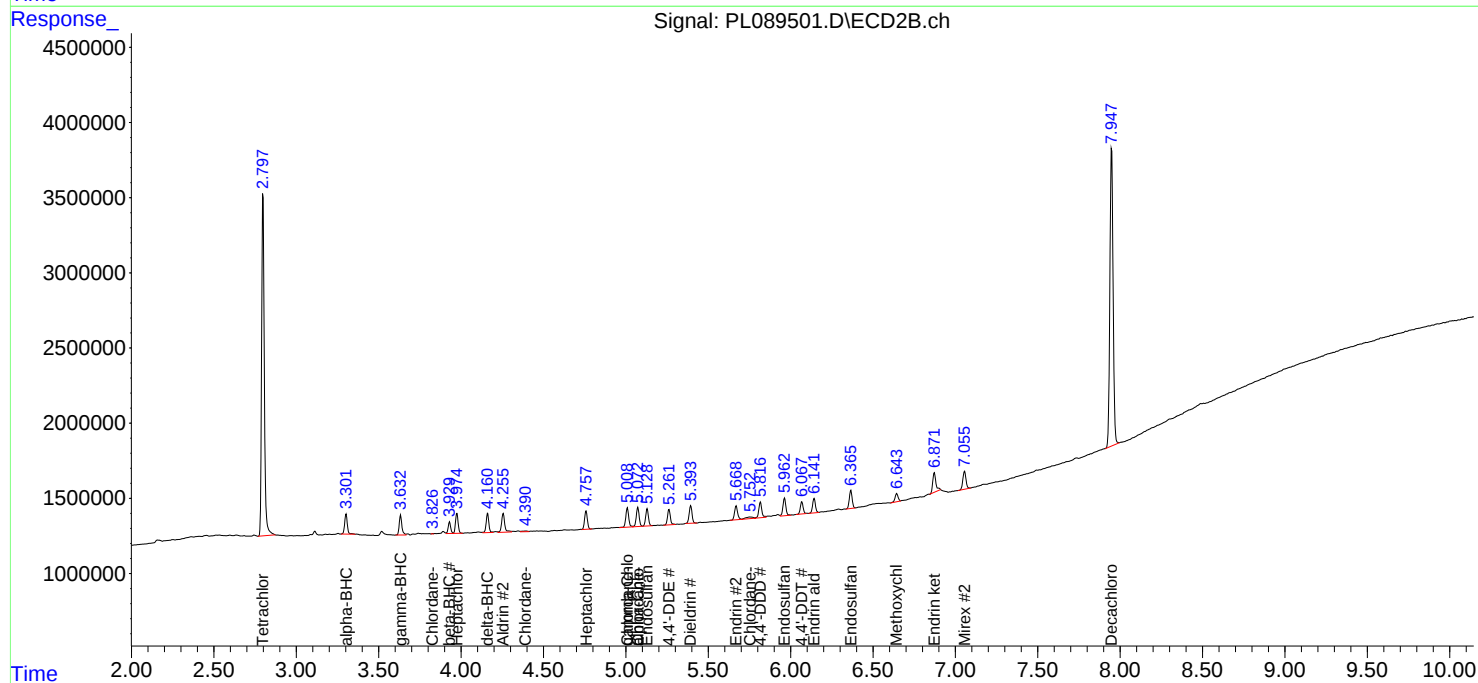
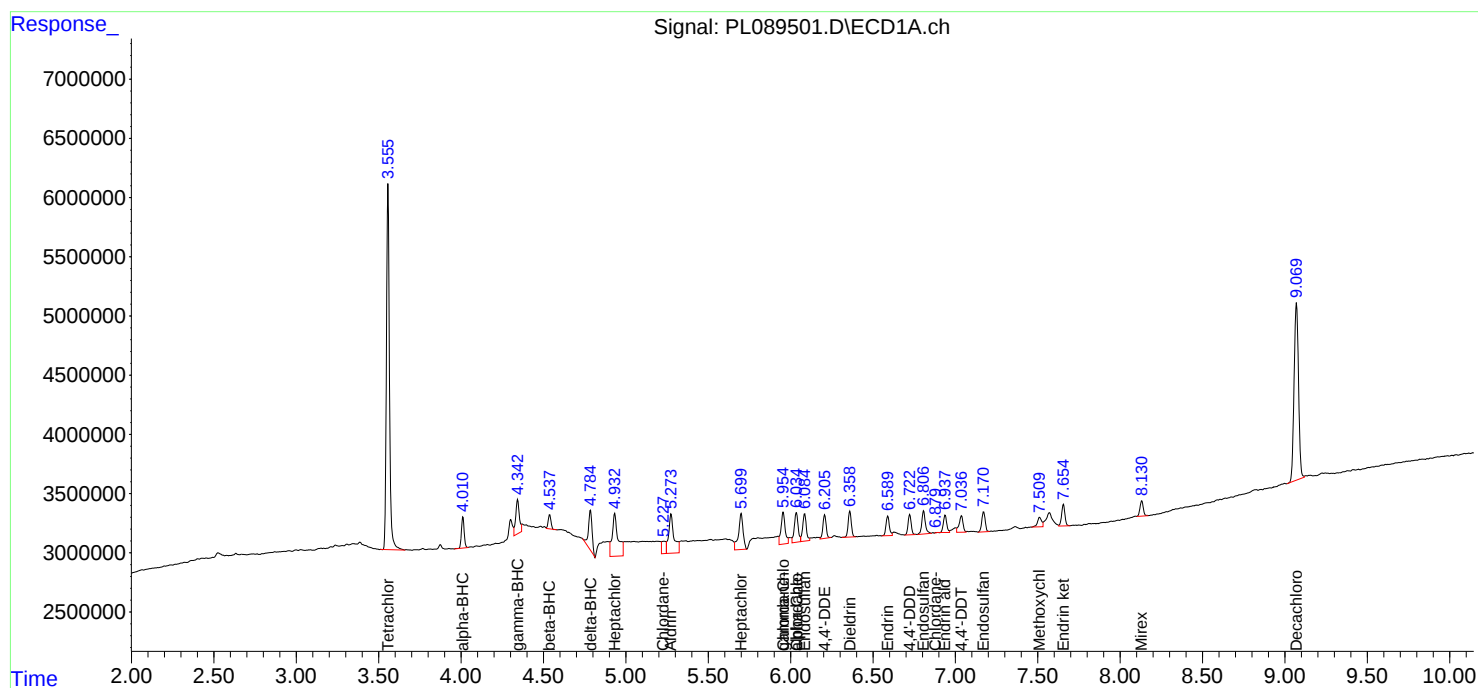
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

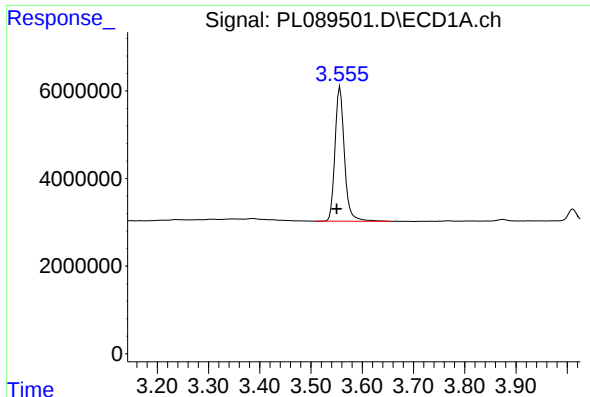
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051324\
Data File : PL089501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2024 12:41
Operator : AR\AJ
Sample : P2403-03
Misc : PEST MDL 1PPB
ALS Vial : 7 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 04:35:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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 x0.5µm

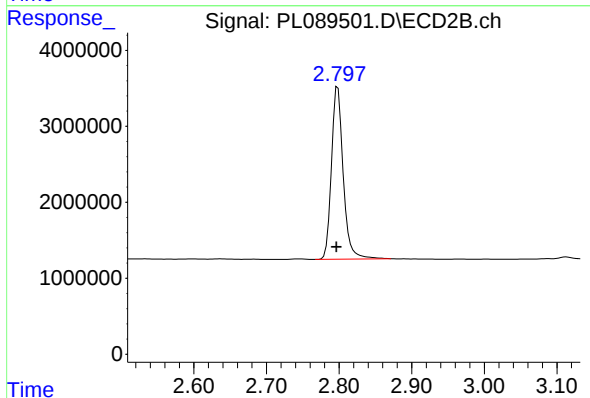




#1 Tetrachloro-m-xylene

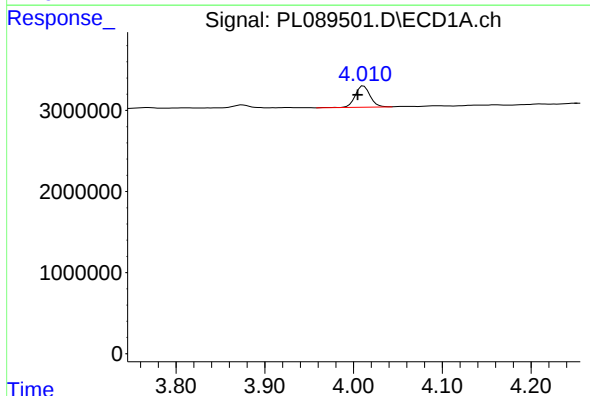
R.T.: 3.557 min
Delta R.T.: 0.007 min
Response: 39345162
Conc: 19.54 ng/ml

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



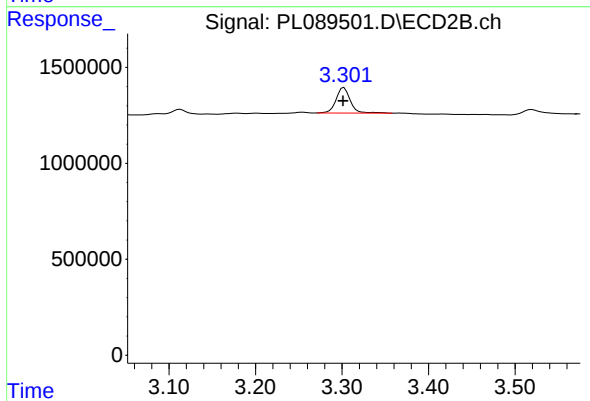
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.002 min
Response: 25646898
Conc: 19.99 ng/ml



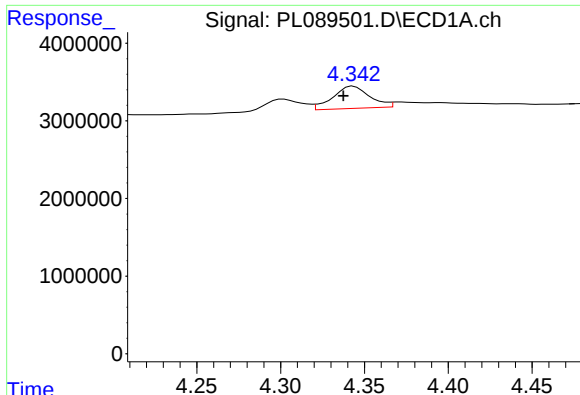
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.007 min
Response: 3068960
Conc: 1.08 ng/ml



#2 alpha-BHC

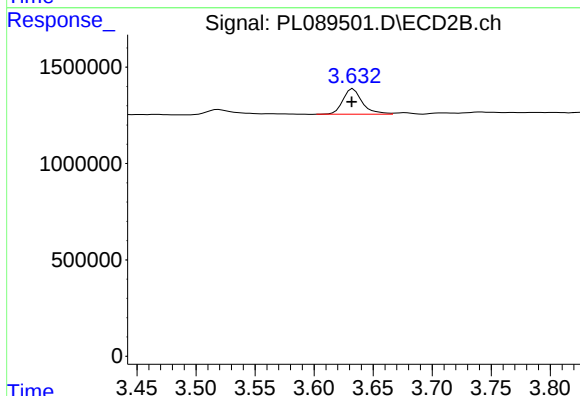
R.T.: 3.302 min
Delta R.T.: 0.001 min
Response: 1514177
Conc: 0.80 ng/ml



#3 gamma-BHC (Lindane)

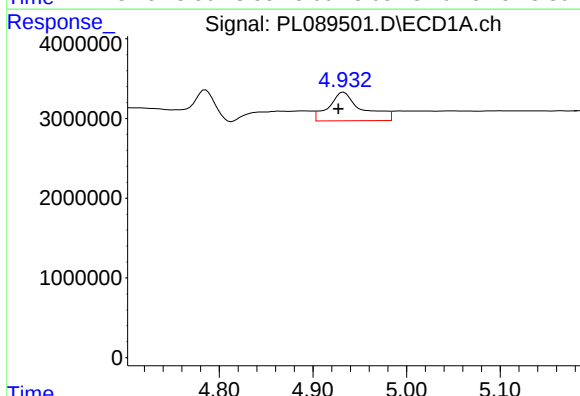
R.T.: 4.343 min
Delta R.T.: 0.006 min
Response: 4340980
Conc: 1.56 ng/ml

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



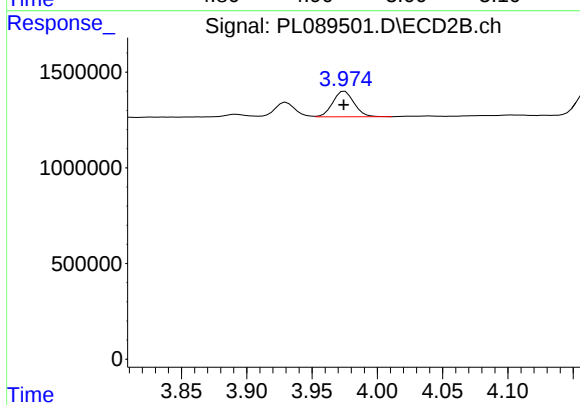
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.001 min
Response: 1509939
Conc: 0.82 ng/ml



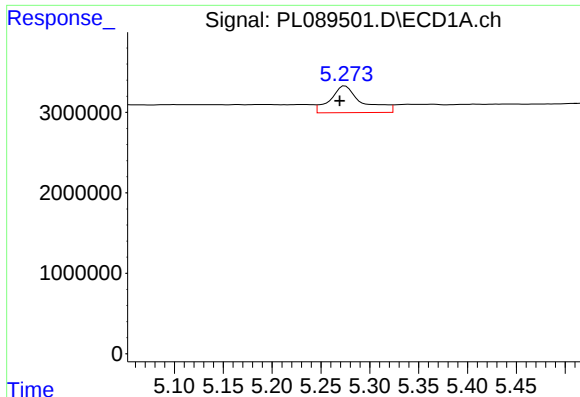
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.006 min
Response: 8921372
Conc: 3.60 ng/ml



#4 Heptachlor

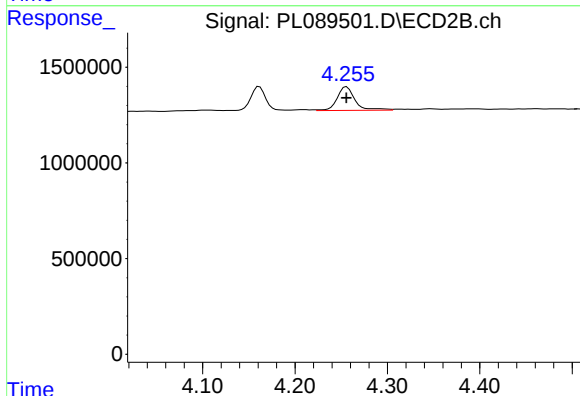
R.T.: 3.975 min
Delta R.T.: 0.001 min
Response: 1518552
Conc: 0.87 ng/ml



#5 Aldrin

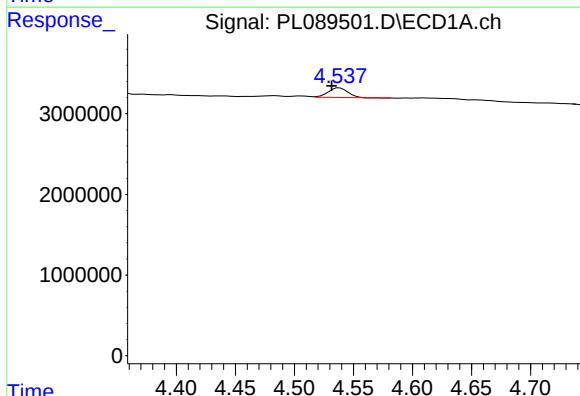
R.T.: 5.275 min
Delta R.T.: 0.006 min
Response: 7574015
Conc: 2.95 ng/ml

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



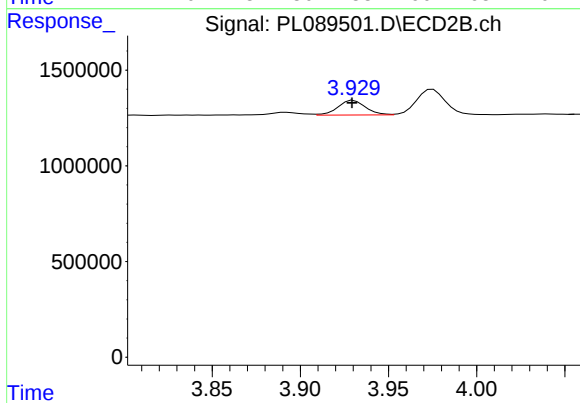
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 1654424
Conc: 0.94 ng/ml



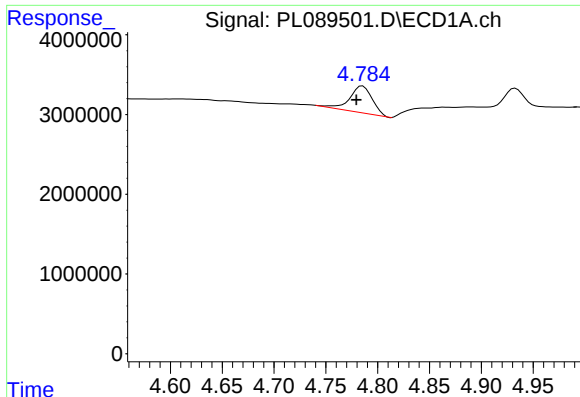
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.007 min
Response: 1370289
Conc: 1.09 ng/ml



#6 beta-BHC

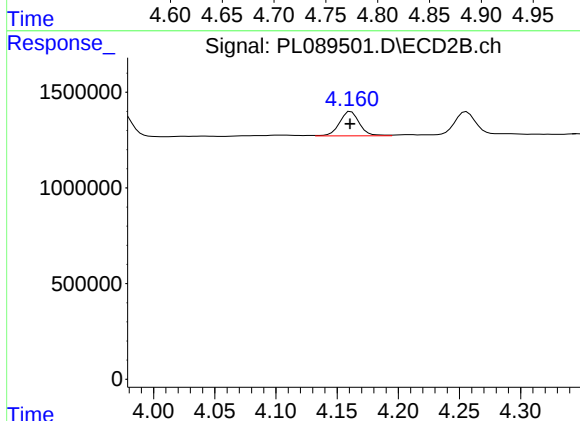
R.T.: 3.930 min
Delta R.T.: 0.001 min
Response: 836102
Conc: 1.02 ng/ml



#7 delta-BHC

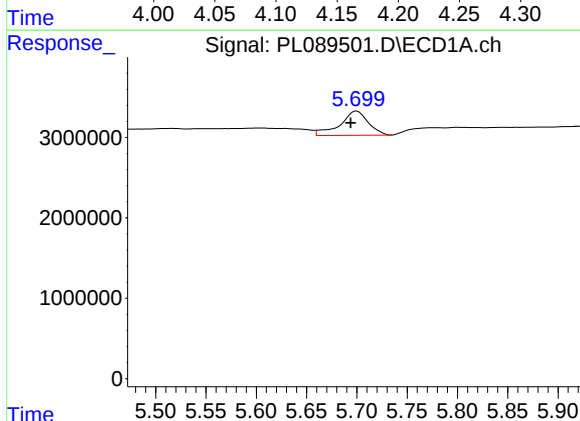
R.T.: 4.785 min
Delta R.T.: 0.006 min
Response: 5148740
Conc: 1.94 ng/ml

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



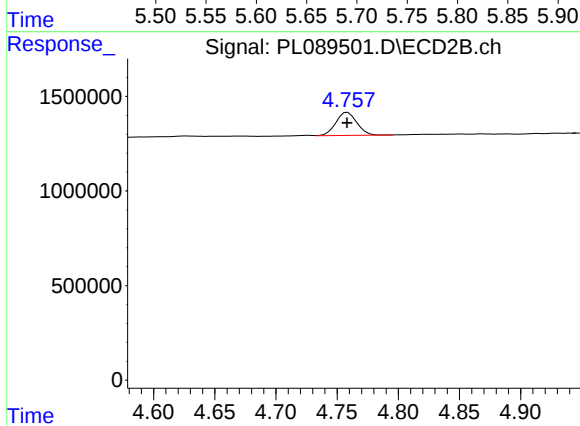
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 1444748
Conc: 0.80 ng/ml



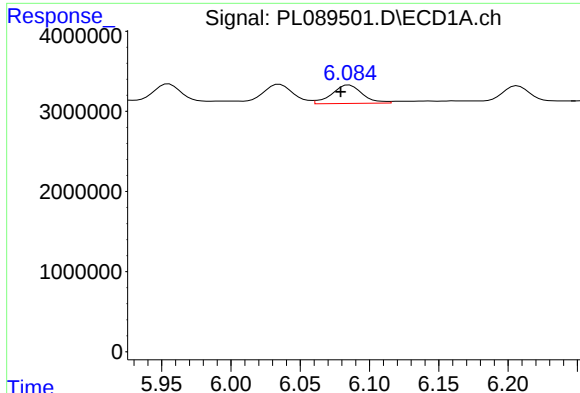
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.006 min
Response: 5881129
Conc: 2.51 ng/ml



#8 Heptachlor epoxide

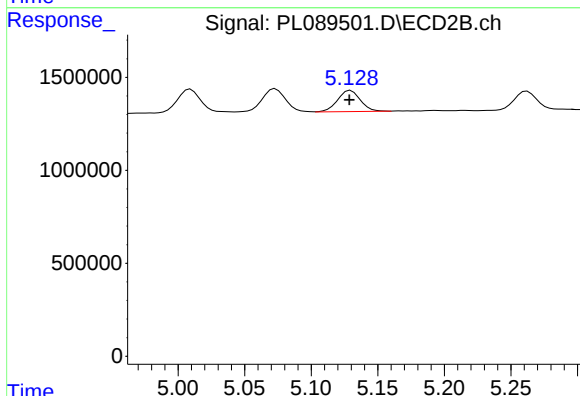
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 1453104
Conc: 0.90 ng/ml



#9 Endosulfan I

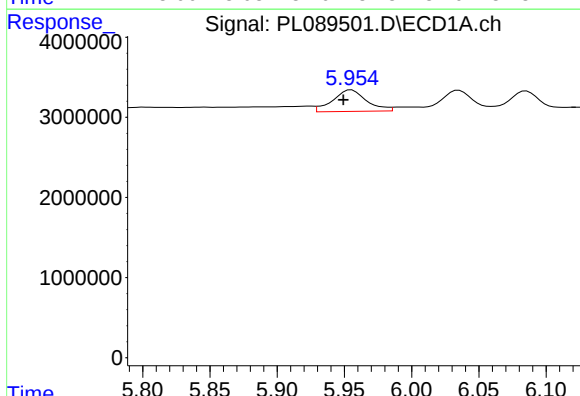
R.T.: 6.085 min
Delta R.T.: 0.006 min
Response: 3533218
Conc: 1.64 ng/ml

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



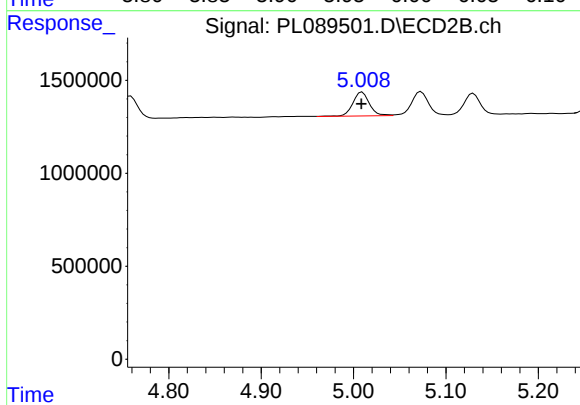
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 1349424
Conc: 0.90 ng/ml



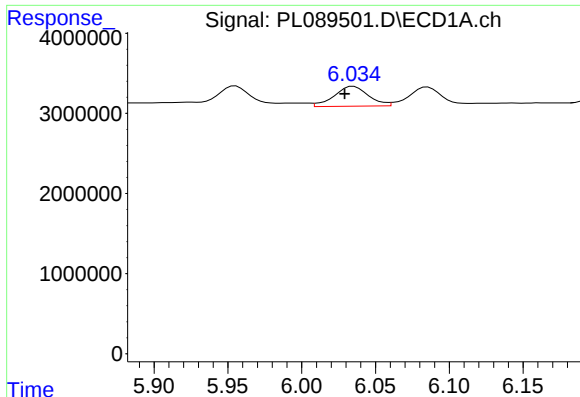
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.006 min
Response: 4711821
Conc: 2.06 ng/ml



#10 gamma-Chlordane

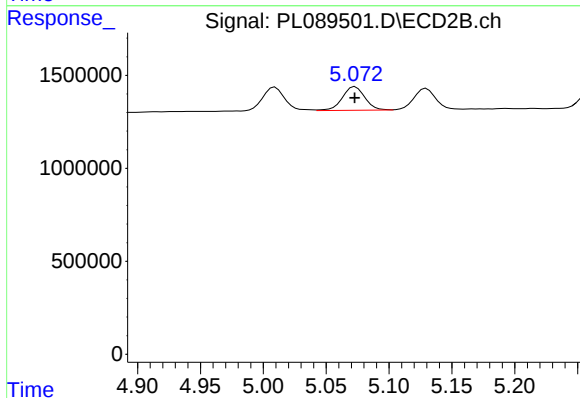
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 1621944
Conc: 0.99 ng/ml



#11 alpha-Chlordane

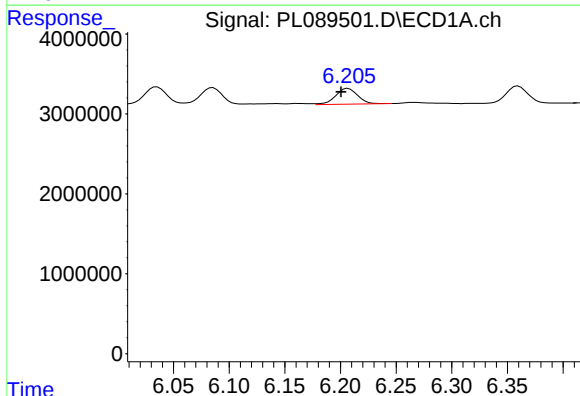
R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 4027464
Conc: 1.77 ng/ml

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



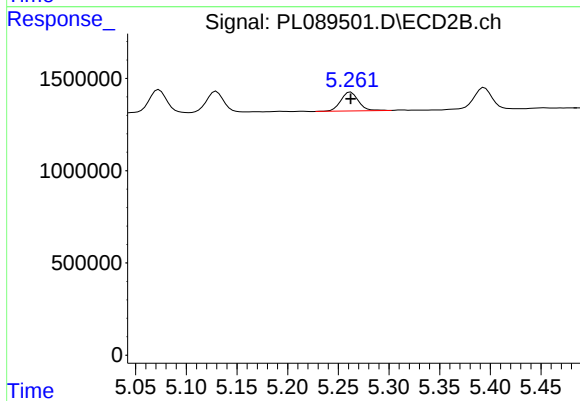
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 1576190
Conc: 0.96 ng/ml



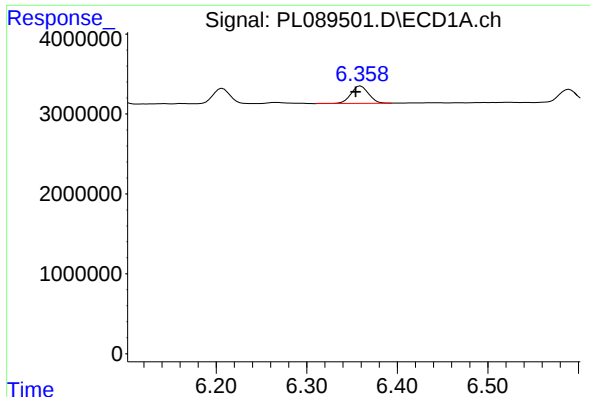
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.006 min
Response: 2711820
Conc: 1.34 ng/ml



#12 4,4'-DDE

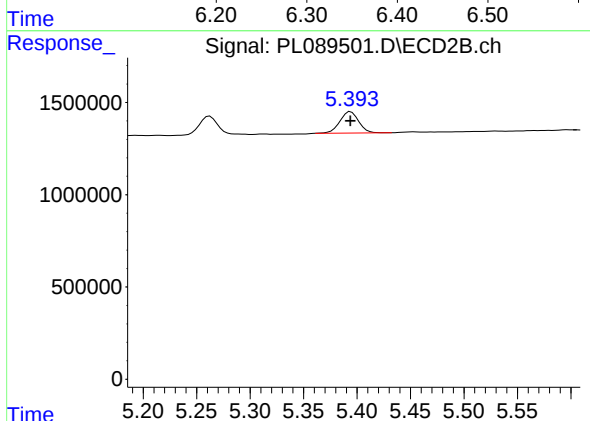
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 1245456
Conc: 0.86 ng/ml



#13 Dieldrin

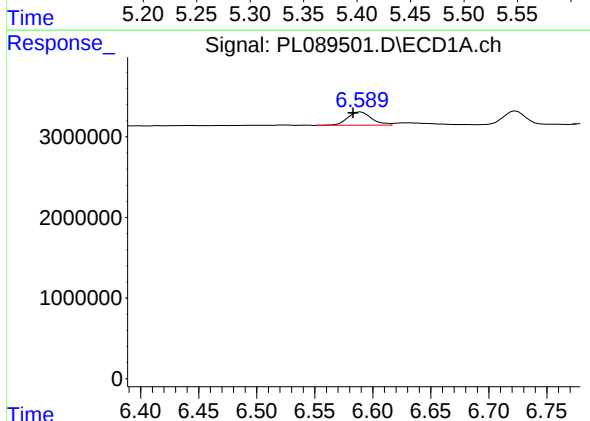
R.T.: 6.360 min
Delta R.T.: 0.006 min
Response: 2960898
Conc: 1.32 ng/ml

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



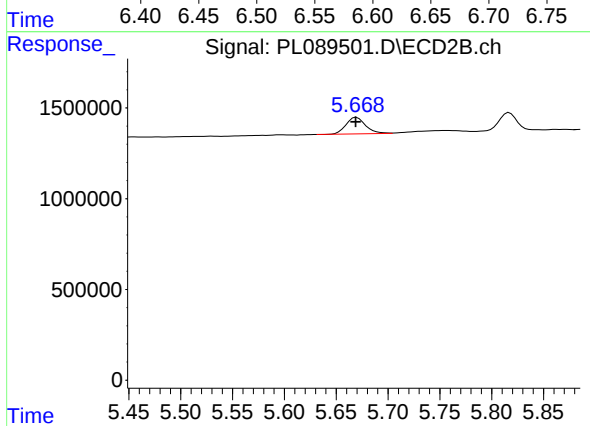
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 1423464
Conc: 0.88 ng/ml



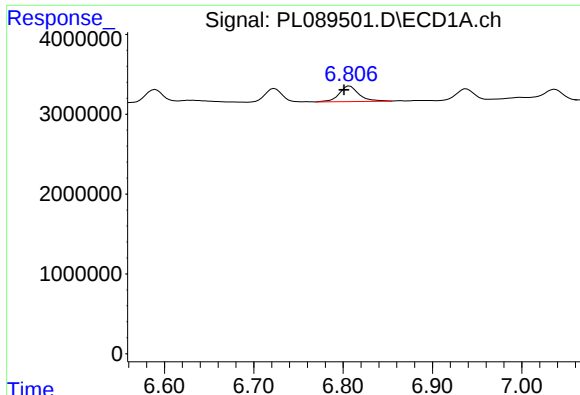
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.007 min
Response: 2363689
Conc: 1.25 ng/ml



#14 Endrin

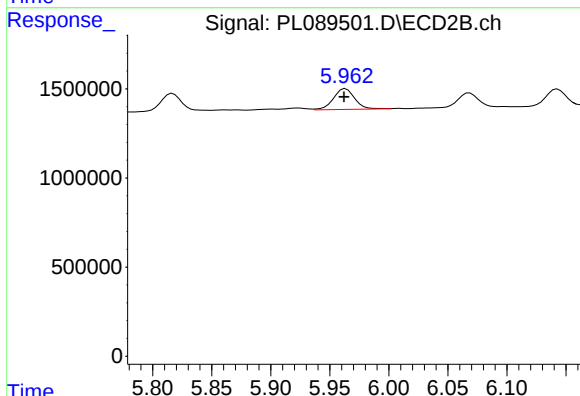
R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 1189418
Conc: 0.83 ng/ml



#15 Endosulfan II

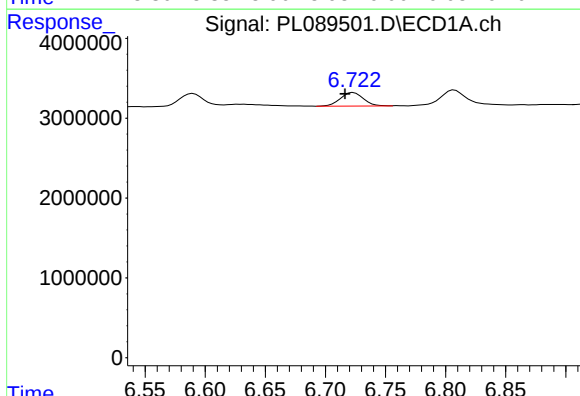
R.T.: 6.807 min
Delta R.T.: 0.006 min
Response: 2948304
Conc: 1.48 ng/ml

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



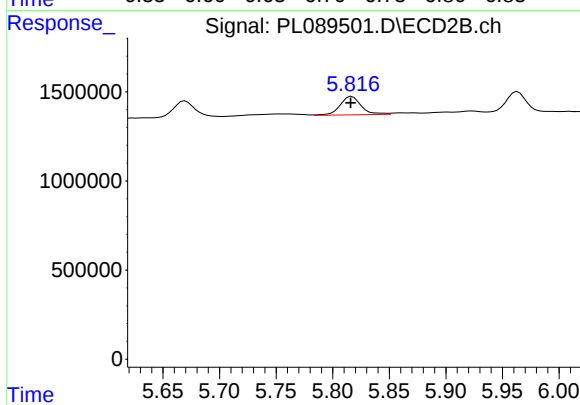
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.001 min
Response: 1473102
Conc: 1.02 ng/ml



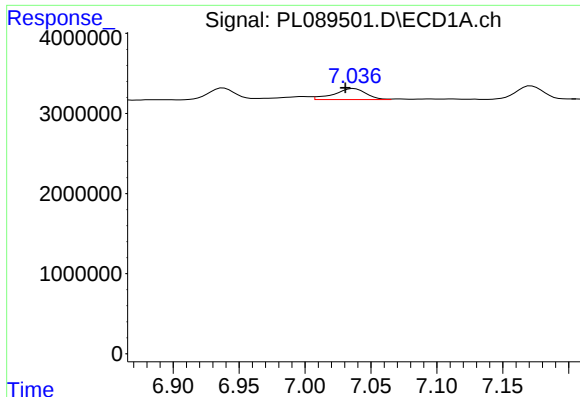
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.007 min
Response: 2268146
Conc: 1.34 ng/ml



#16 4,4'-DDD

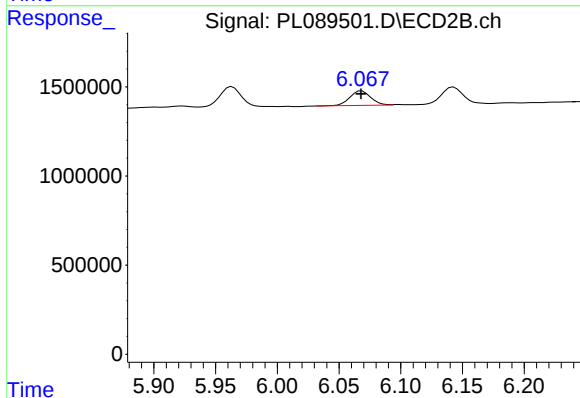
R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 1345509
Conc: 1.09 ng/ml



#17 4,4'-DDT

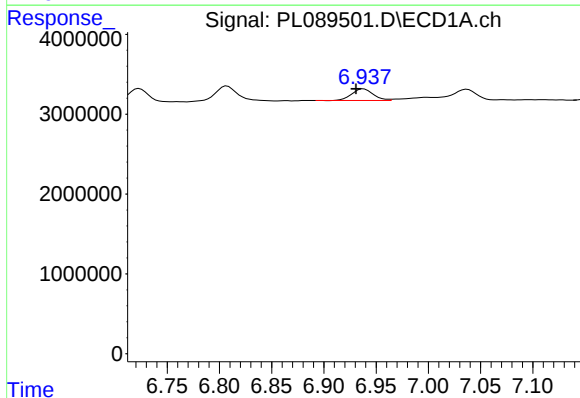
R.T.: 7.037 min
Delta R.T.: 0.006 min
Response: 2339810
Conc: 1.27 ng/ml

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



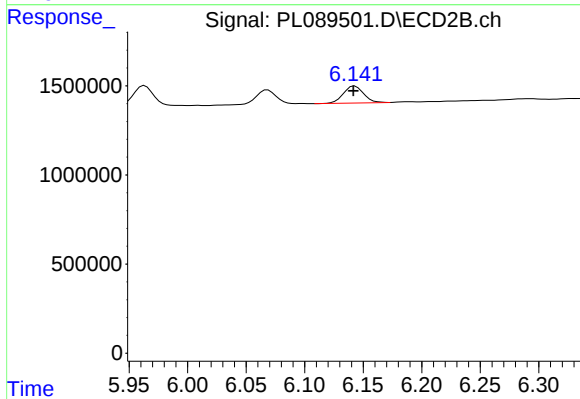
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 962888
Conc: 0.71 ng/ml



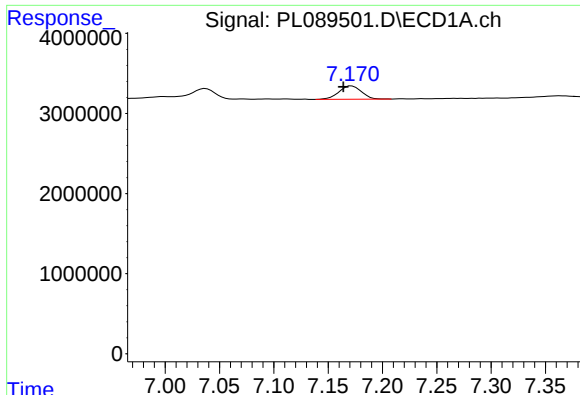
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.007 min
Response: 2071837
Conc: 1.37 ng/ml



#18 Endrin aldehyde

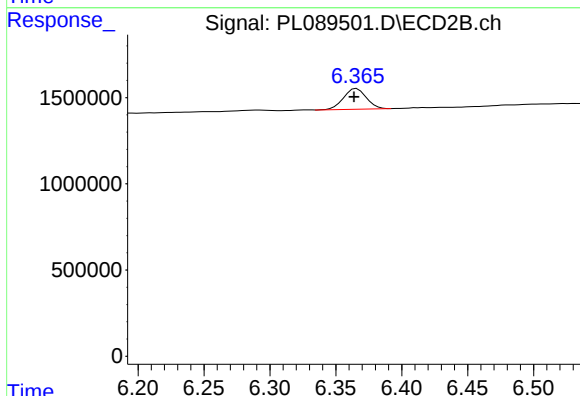
R.T.: 6.143 min
Delta R.T.: 0.001 min
Response: 1151257
Conc: 1.04 ng/ml



#19 Endosulfan Sulfate

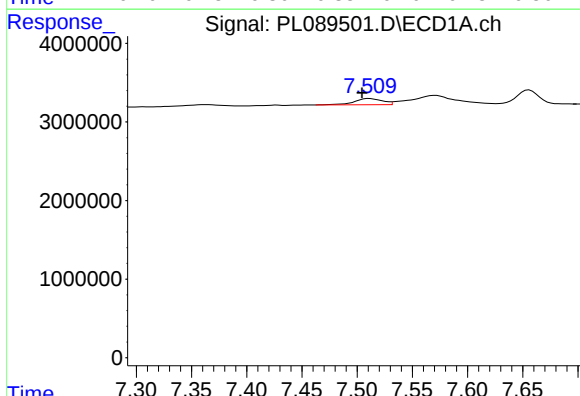
R.T.: 7.172 min
Delta R.T.: 0.008 min
Response: 2421632
Conc: 1.34 ng/ml

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



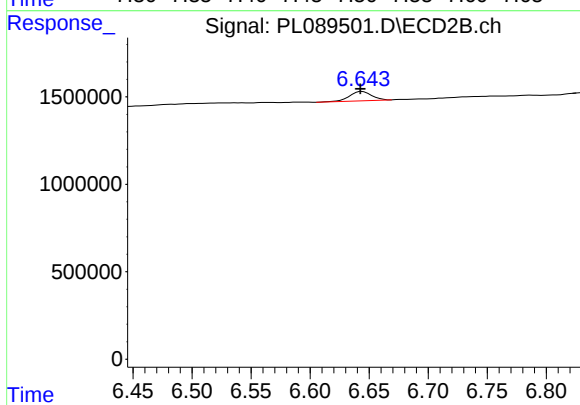
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 1448727
Conc: 1.04 ng/ml



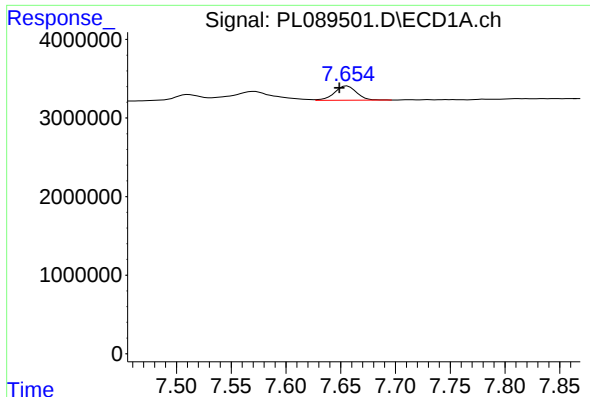
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.006 min
Response: 1405699
Conc: 1.43 ng/ml



#20 Methoxychlor

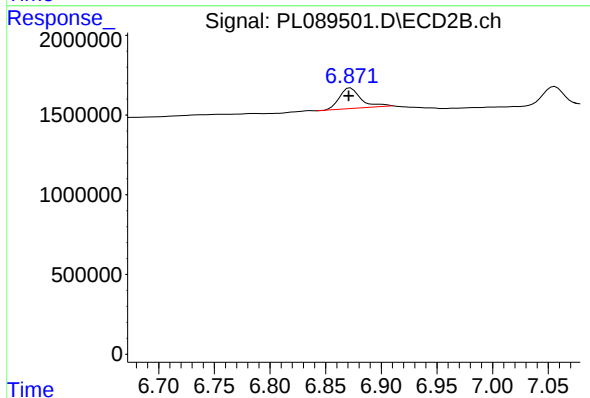
R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 699556
Conc: 0.87 ng/ml



#21 Endrin ketone

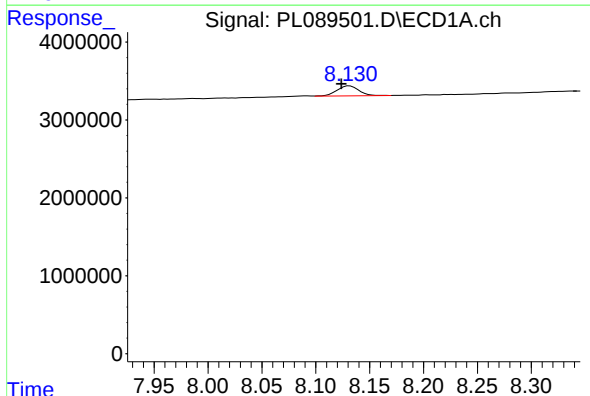
R.T.: 7.656 min
Delta R.T.: 0.007 min
Response: 2551533
Conc: 1.27 ng/ml

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



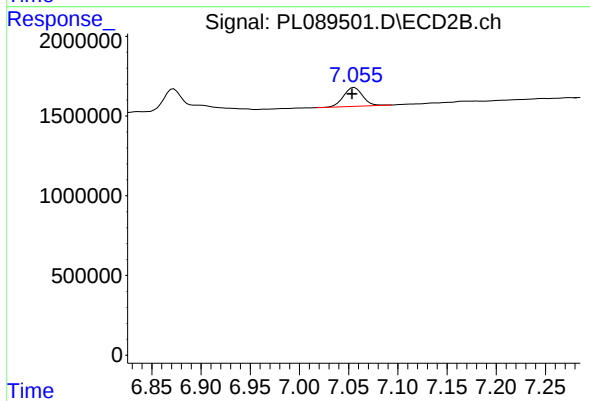
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.002 min
Response: 1767166
Conc: 1.11 ng/ml



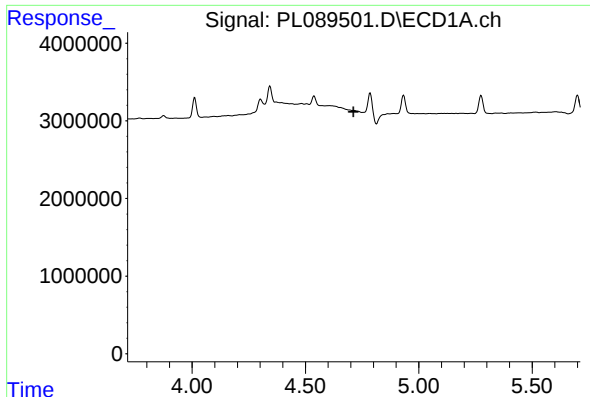
#22 Mirex

R.T.: 8.131 min
Delta R.T.: 0.008 min
Response: 1803230
Conc: 1.16 ng/ml



#22 Mirex

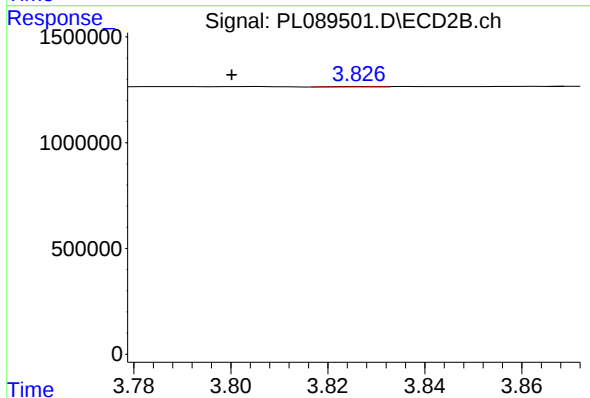
R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 1592223
Conc: 1.17 ng/ml



#23 Chlordane-1

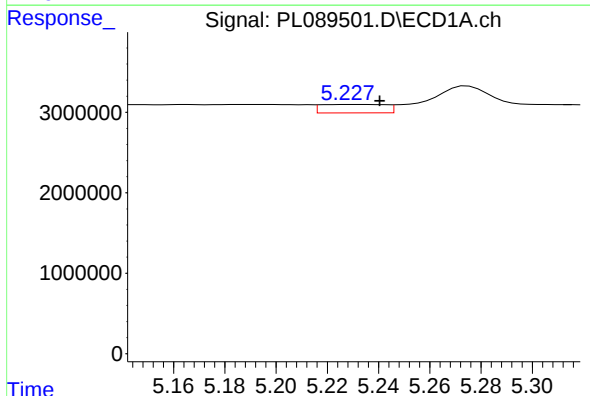
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

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



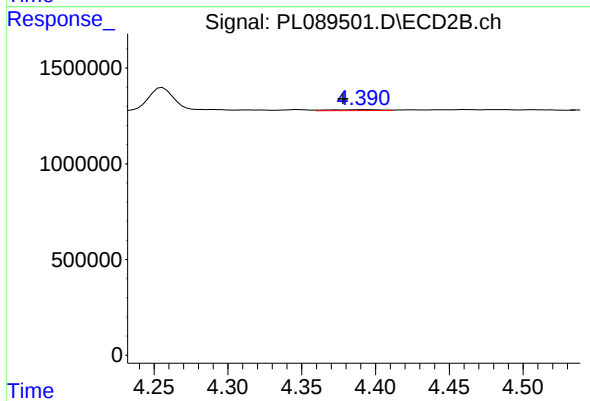
#23 Chlordane-1

R.T.: 3.828 min
Delta R.T.: 0.027 min
Response: 13831
Conc: 0.28 ng/ml



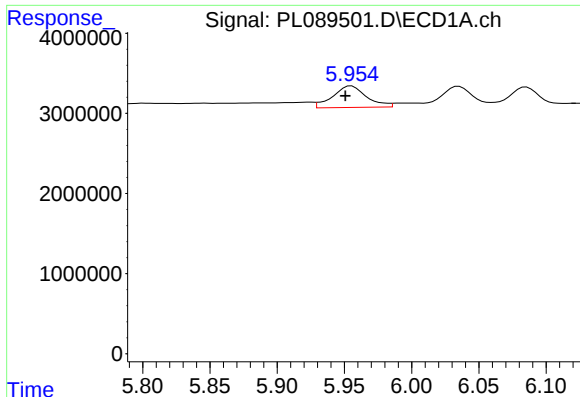
#24 Chlordane-2

R.T.: 5.229 min
Delta R.T.: -0.012 min
Response: 1848692
Conc: 17.59 ng/ml



#24 Chlordane-2

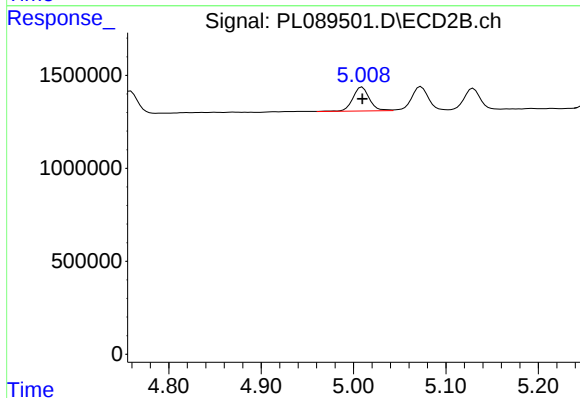
R.T.: 4.393 min
Delta R.T.: 0.015 min
Response: 113307
Conc: 1.78 ng/ml



#25 Chlordane-3

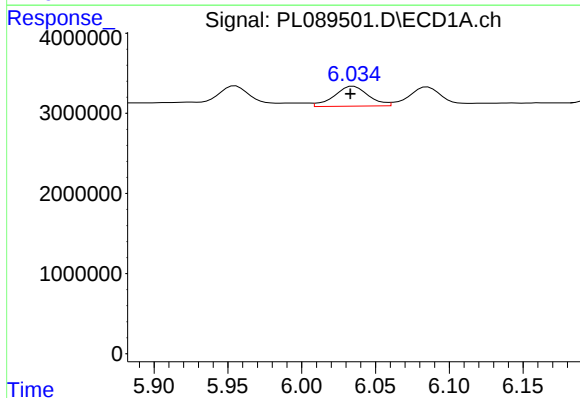
R.T.: 5.955 min
Delta R.T.: 0.005 min
Response: 4711821
Conc: 14.27 ng/ml

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



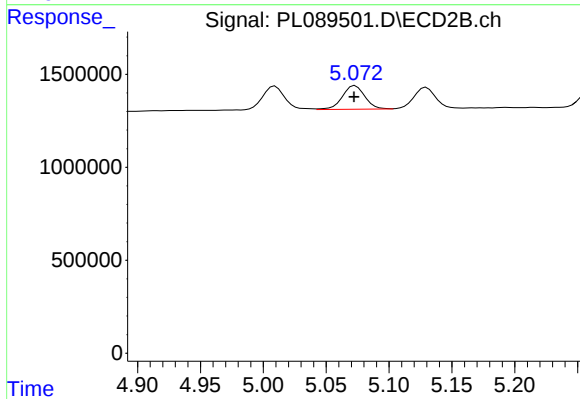
#25 Chlordane-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 1621944
Conc: 9.47 ng/ml



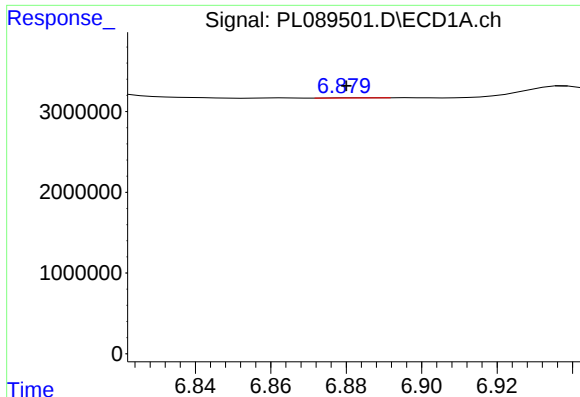
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 4027464
Conc: 9.88 ng/ml



#26 Chlordane-4

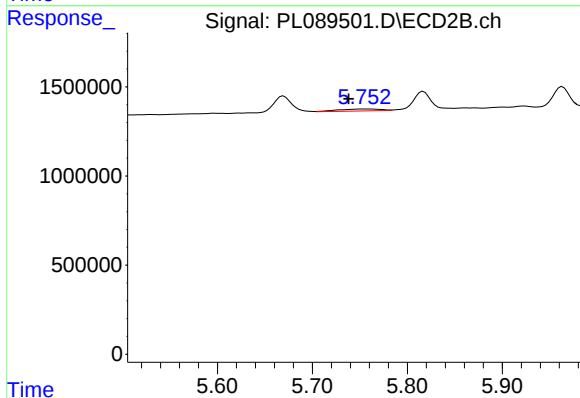
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 1576190
Conc: 9.80 ng/ml



#27 Chlordane-5

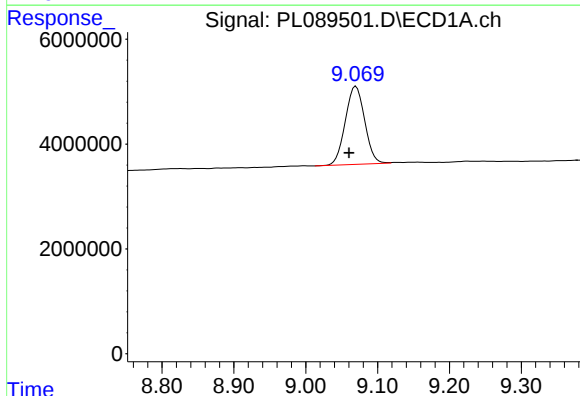
R.T.: 6.882 min
Delta R.T.: 0.002 min
Response: 41677
Conc: 0.50 ng/ml

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



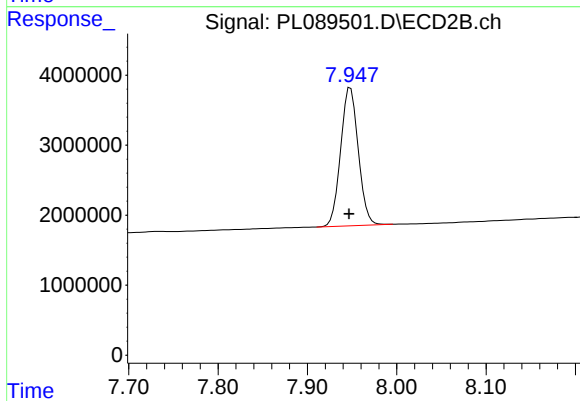
#27 Chlordane-5

R.T.: 5.755 min
Delta R.T.: 0.016 min
Response: 340814
Conc: 6.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.010 min
Response: 27781560
Conc: 19.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.002 min
Response: 27039800
Conc: 20.10 ng/ml