

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089423.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 15:18
 Operator : AR\AJ
 Sample : P2403-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 00:53:06 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...	3.550	2.796	41480607	26630372	20.599	20.756
28)	SA Decachlor...	9.067	7.949	27794988	26873094	19.868	19.977
Target Compounds							
2)	A alpha-BHC	4.005	3.300	8483682	4429804	2.975	2.348
3)	MA gamma-BHC...	4.338	3.631	9600395	4308740	3.448	2.335 #
4)	MA Heptachlor	4.928	3.974	11173027	4063331	4.505	2.319 #
5)	MB Aldrin	5.270	4.254	10313077	4100641	4.016	2.320 #
6)	B beta-BHC	4.533	3.929	3287885	2201738	2.606	2.697
7)	B delta-BHC	4.781	4.160	8846617	3933903	3.336	2.186 #
8)	B Heptachlo...	5.696	4.758	9168354	4224416	3.909	2.613 #
9)	A Endosulfan I	6.081	5.128	7324888	3927705	3.407	2.623
10)	B gamma-Chl...	5.951	5.009	9856300	4444473	4.312	2.708 #
11)	B alpha-Chl...	6.031	5.072	8208762	4399212	3.609	2.667 #
12)	B 4,4'-DDE	6.203	5.261	6530293	3519113	3.227	2.420 #
13)	MA Dieldrin	6.356	5.393	7035104	4024791	3.143	2.502
14)	MA Endrin	6.585	5.669	5483484	3514578	2.895	2.445
15)	B Endosulfa...	6.804	5.962	6370665	4190091	3.192	2.913
16)	A 4,4'-DDD	6.720	5.816	5623986	3609281	3.334	2.927
17)	MA 4,4'-DDT	7.033	6.067	5724379	2722850	3.113	2.012 #
18)	B Endrin al...	6.934	6.142	4862285	3172196	3.215	2.852
19)	B Endosulfa...	7.169	6.364	5738501	3976937	3.172	2.867
20)	A Methoxychlor	7.508	6.643	2696765	1714840	2.742	2.145
21)	B Endrin ke...	7.653	6.871	6395130	4123833	3.195	2.579
22)	Mirex	8.128	7.055	4589836	4009711	2.953	2.939
23)	Chlordane-1	0.000	3.802	0	12591	N.D.	0.256 #
24)	Chlordane-2	5.223	4.386	809768	83677	7.705	1.315 #
25)	Chlordane-3	5.951	5.009	9856300	4444473	29.844	25.958
26)	Chlordane-4	6.031	5.072	8208762	4399212	20.138	27.351 #
27)	Chlordane-5	6.886	5.767f	52897	184177	0.636	3.599 #

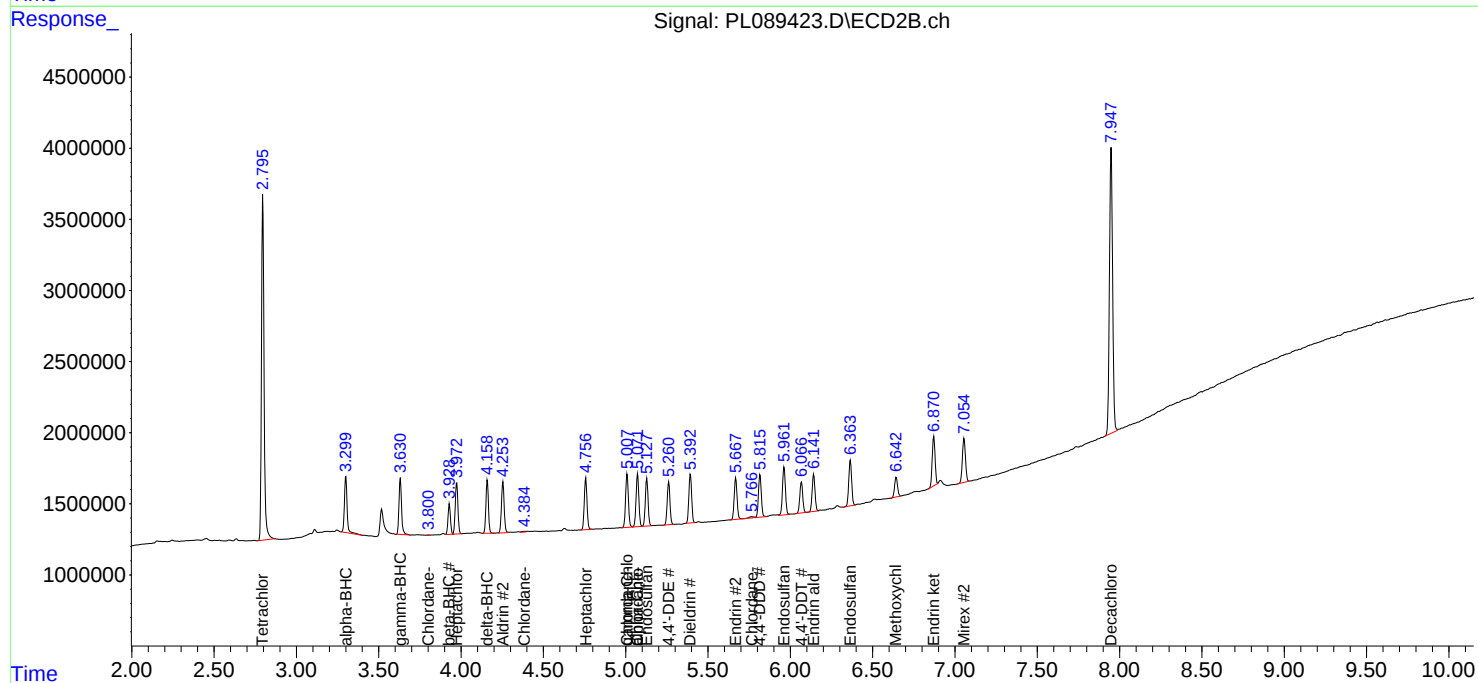
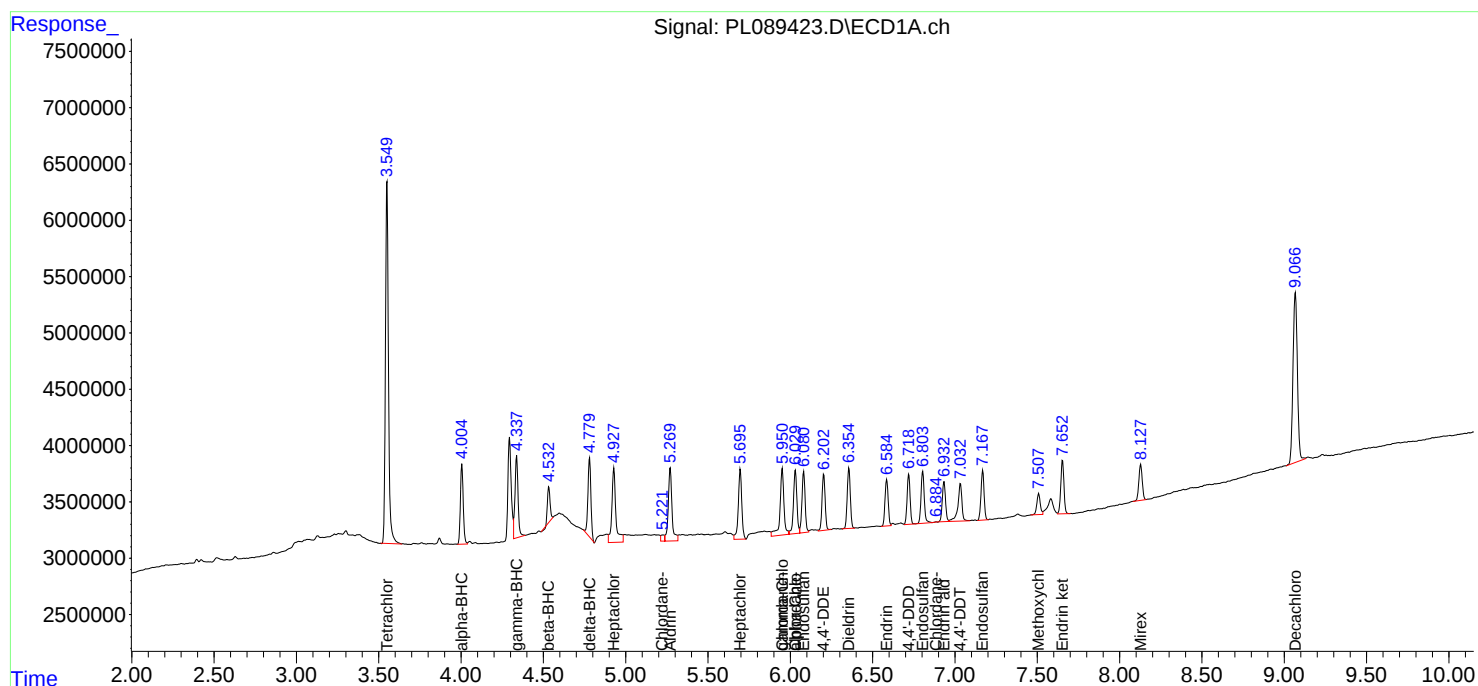
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

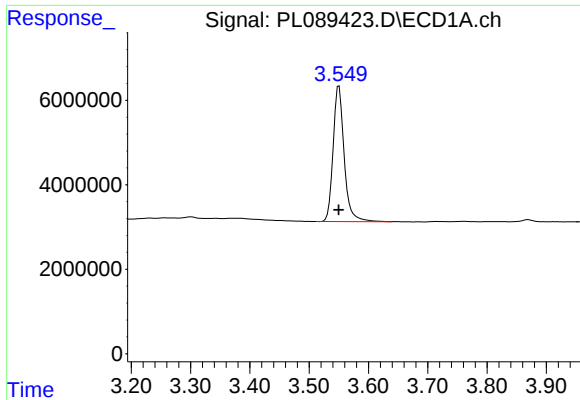
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
Data File : PL089423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2024 15:18
Operator : AR\AJ
Sample : P2403-01
Misc : PEST LOD 2.5PPB
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 00:53:06 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

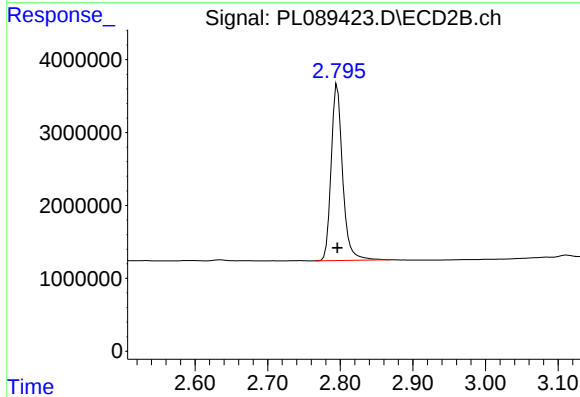




#1 Tetrachloro-m-xylene

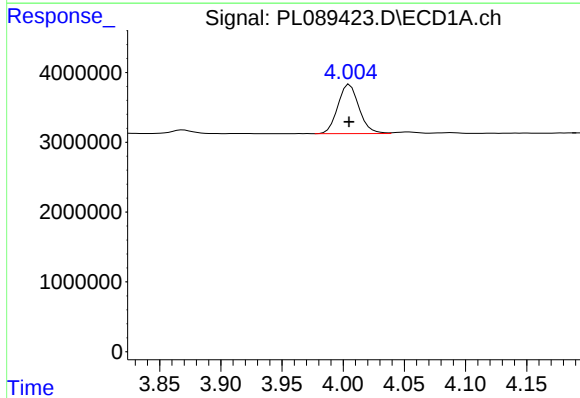
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 41480607
Conc: 20.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



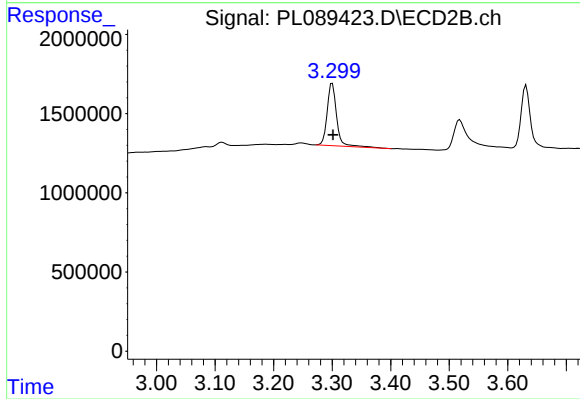
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 26630372
Conc: 20.76 ng/ml



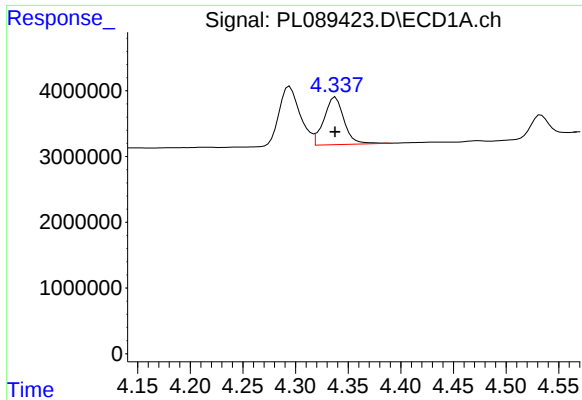
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 8483682
Conc: 2.97 ng/ml



#2 alpha-BHC

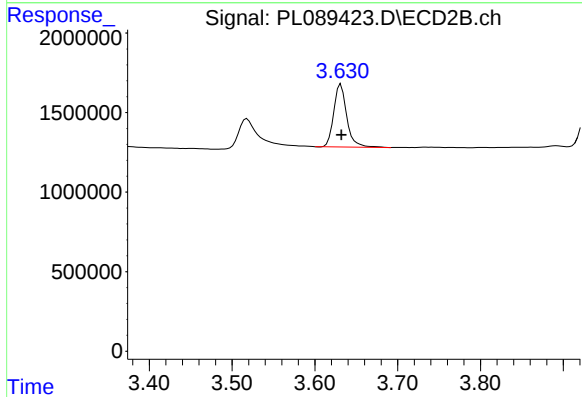
R.T.: 3.300 min
Delta R.T.: -0.001 min
Response: 4429804
Conc: 2.35 ng/ml



#3 gamma-BHC (Lindane)

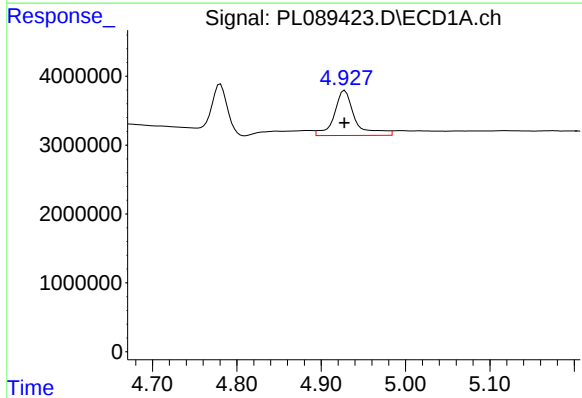
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 9600395
Conc: 3.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



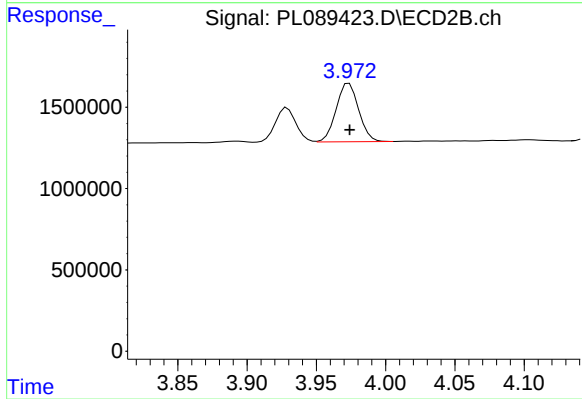
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 4308740
Conc: 2.34 ng/ml



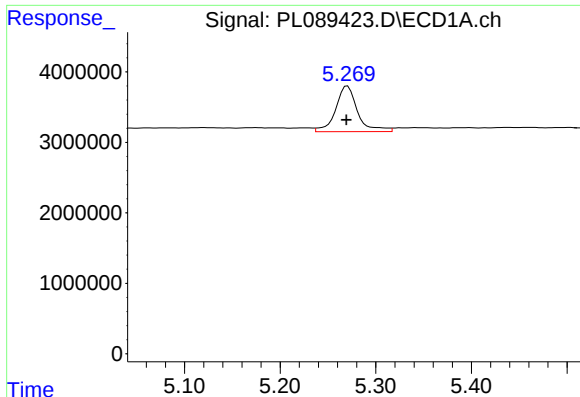
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 11173027
Conc: 4.51 ng/ml



#4 Heptachlor

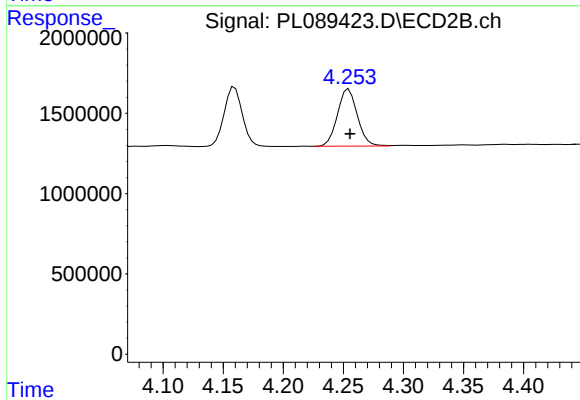
R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 4063331
Conc: 2.32 ng/ml



#5 Aldrin

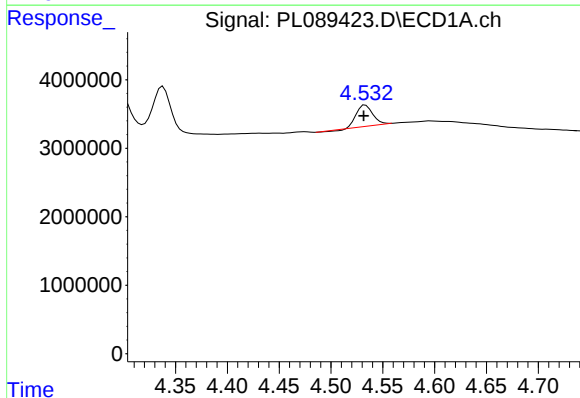
R.T.: 5.270 min
Delta R.T.: 0.001 min
Response: 10313077
Conc: 4.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



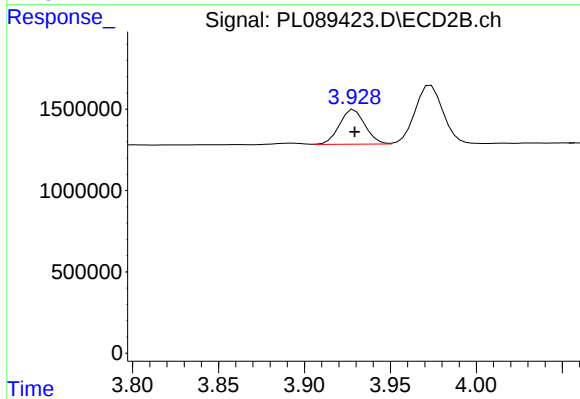
#5 Aldrin

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 4100641
Conc: 2.32 ng/ml



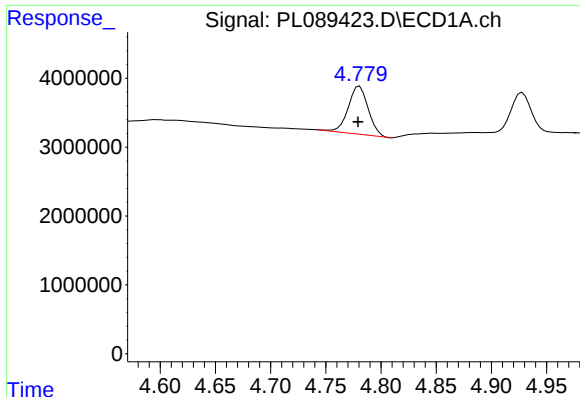
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 3287885
Conc: 2.61 ng/ml



#6 beta-BHC

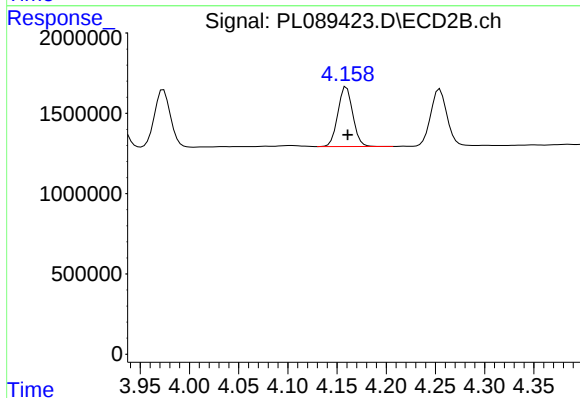
R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 2201738
Conc: 2.70 ng/ml



#7 delta-BHC

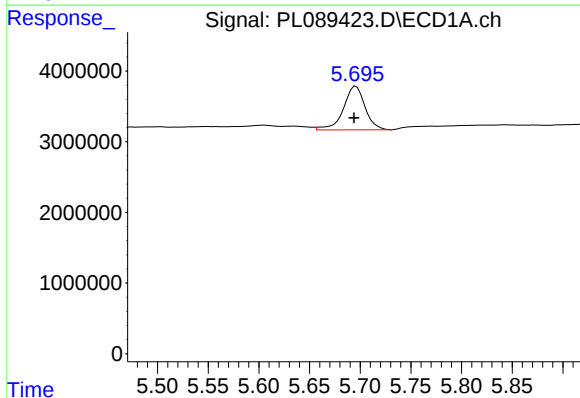
R.T.: 4.781 min
Delta R.T.: 0.001 min
Response: 8846617
Conc: 3.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



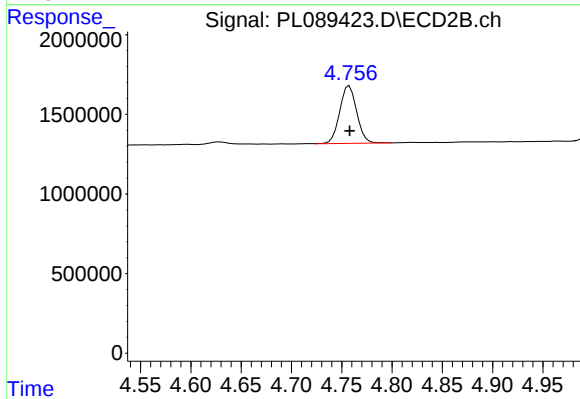
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: -0.001 min
Response: 3933903
Conc: 2.19 ng/ml



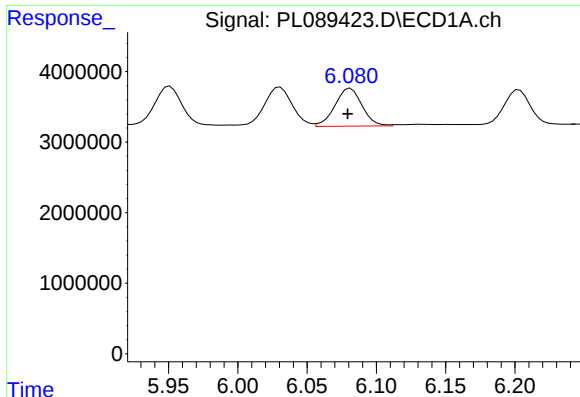
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.002 min
Response: 9168354
Conc: 3.91 ng/ml



#8 Heptachlor epoxide

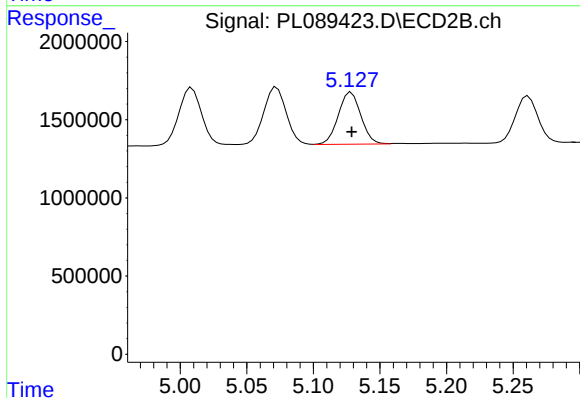
R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 4224416
Conc: 2.61 ng/ml



#9 Endosulfan I

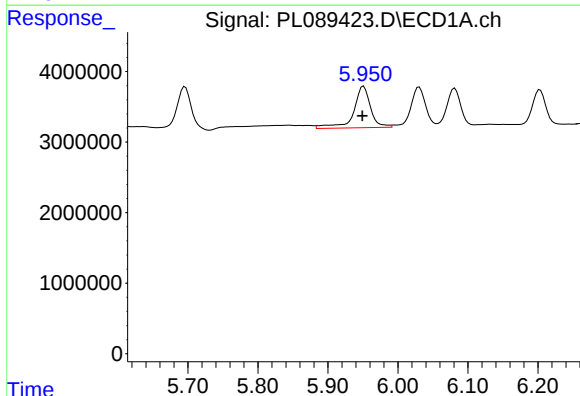
R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 7324888
Conc: 3.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



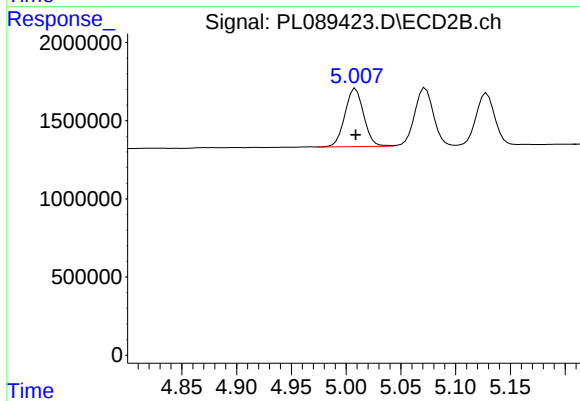
#9 Endosulfan I

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 3927705
Conc: 2.62 ng/ml



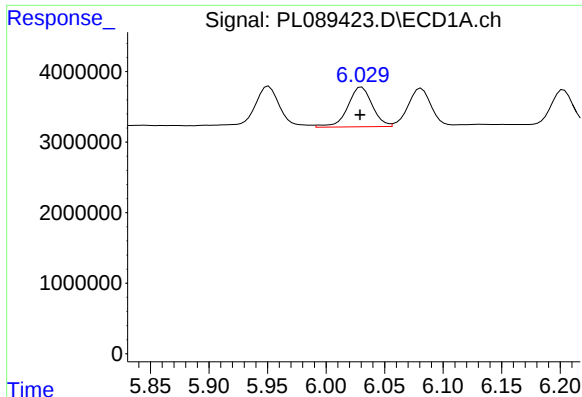
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 9856300
Conc: 4.31 ng/ml



#10 gamma-Chlordane

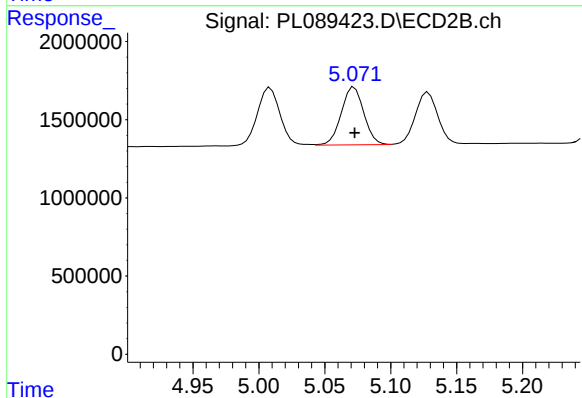
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 4444473
Conc: 2.71 ng/ml



#11 alpha-Chlordane

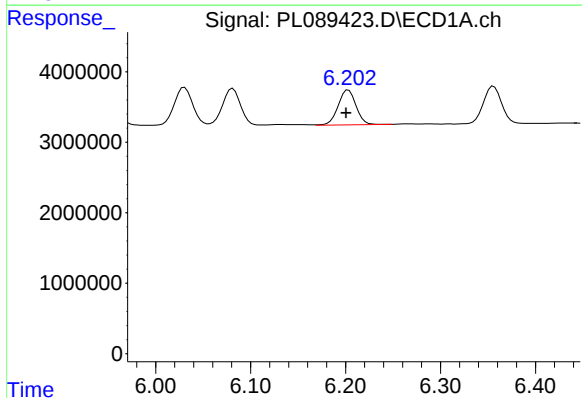
R.T.: 6.031 min
Delta R.T.: 0.001 min
Response: 8208762
Conc: 3.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



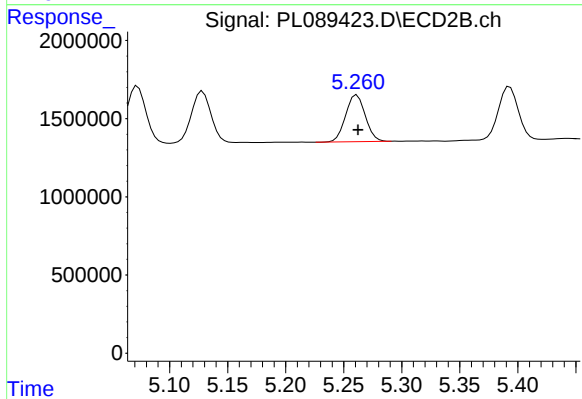
#11 alpha-Chlordane

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 4399212
Conc: 2.67 ng/ml



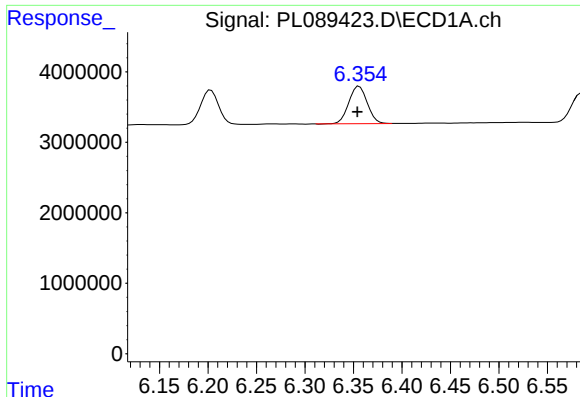
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 6530293
Conc: 3.23 ng/ml



#12 4,4'-DDE

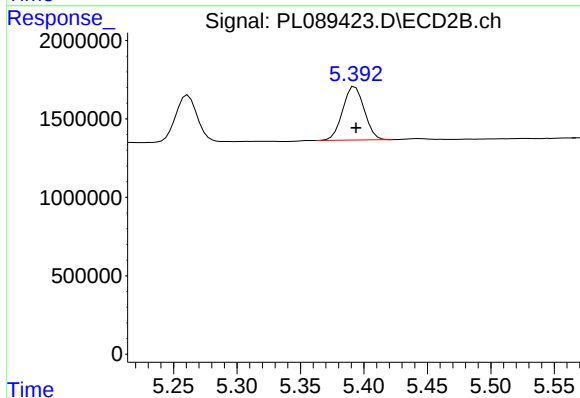
R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 3519113
Conc: 2.42 ng/ml



#13 Dieldrin

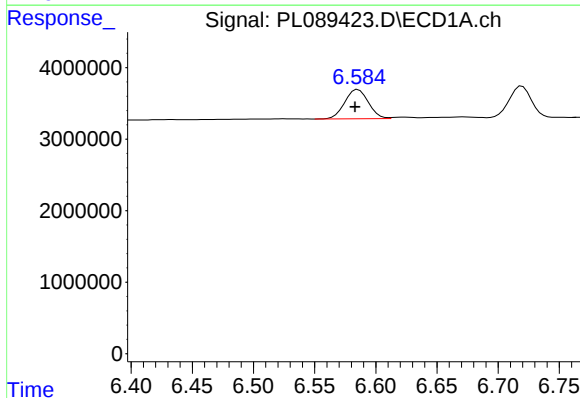
R.T.: 6.356 min
Delta R.T.: 0.002 min
Response: 7035104
Conc: 3.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



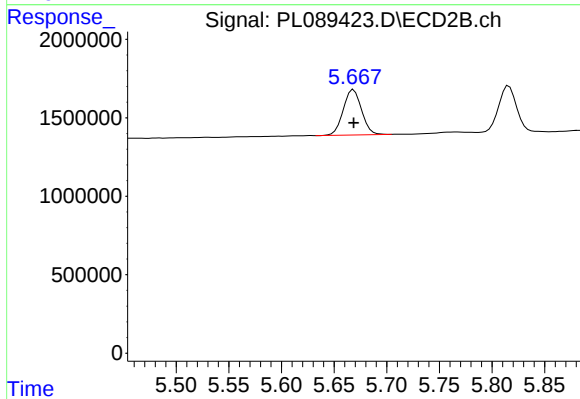
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 4024791
Conc: 2.50 ng/ml



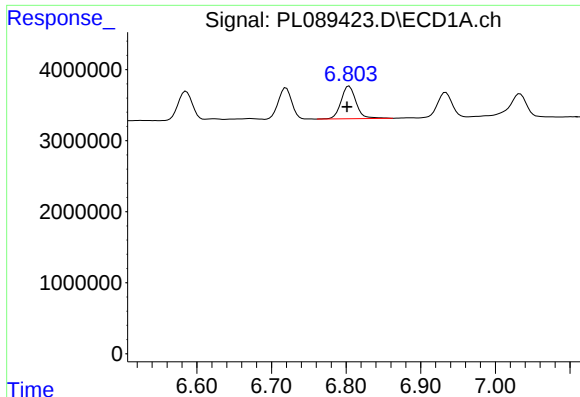
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 5483484
Conc: 2.89 ng/ml



#14 Endrin

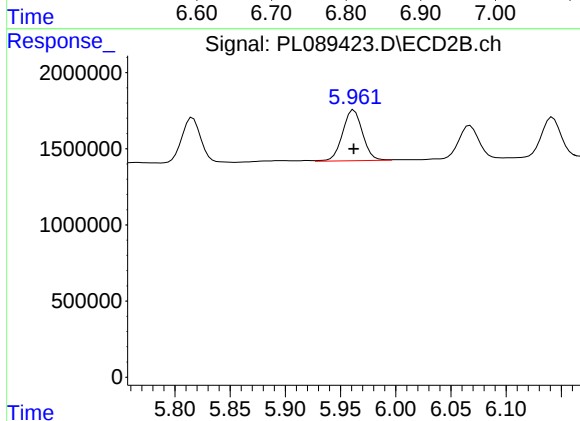
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 3514578
Conc: 2.44 ng/ml



#15 Endosulfan II

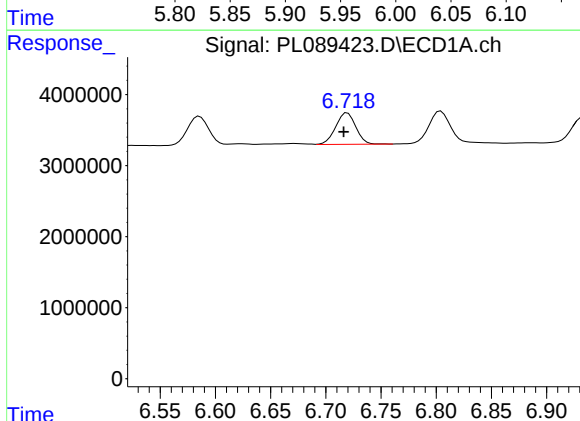
R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 6370665
Conc: 3.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



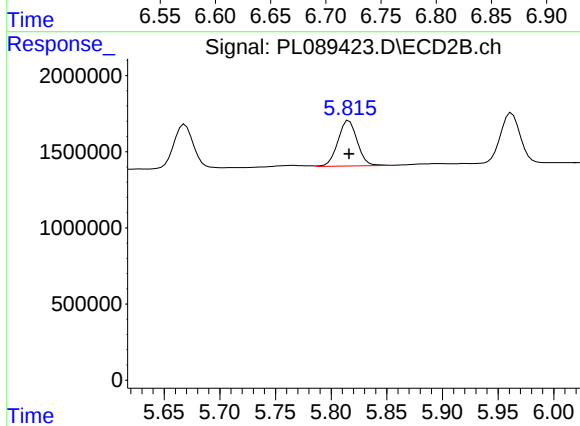
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 4190091
Conc: 2.91 ng/ml



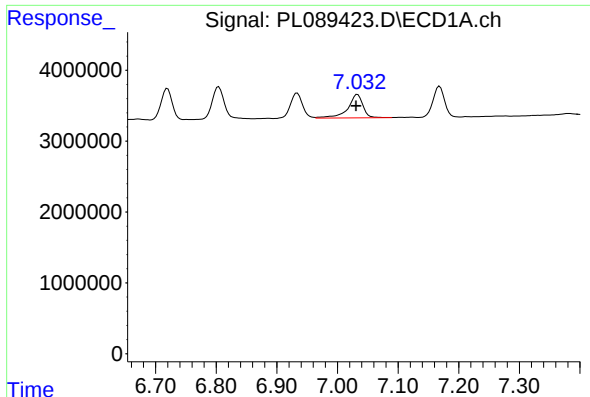
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.003 min
Response: 5623986
Conc: 3.33 ng/ml



#16 4,4'-DDD

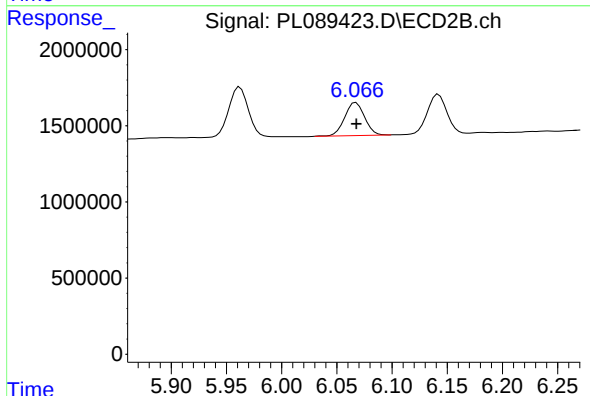
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 3609281
Conc: 2.93 ng/ml



#17 4,4'-DDT

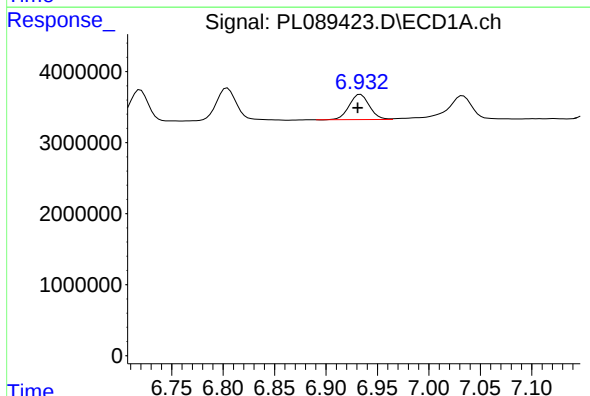
R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 5724379
Conc: 3.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



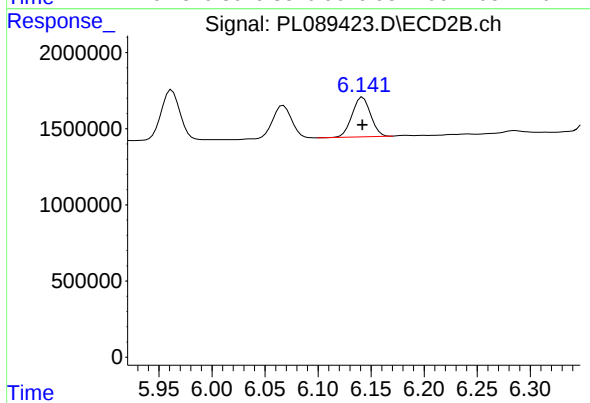
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 2722850
Conc: 2.01 ng/ml



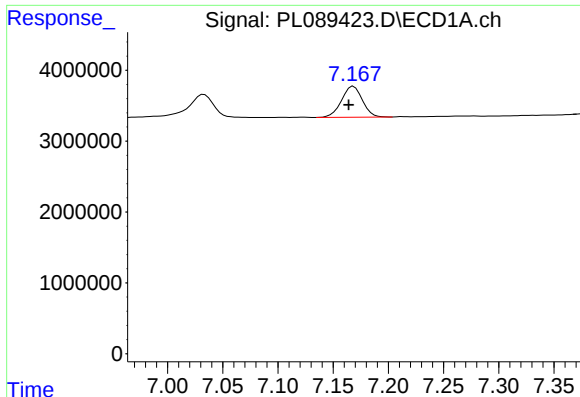
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 4862285
Conc: 3.22 ng/ml



#18 Endrin aldehyde

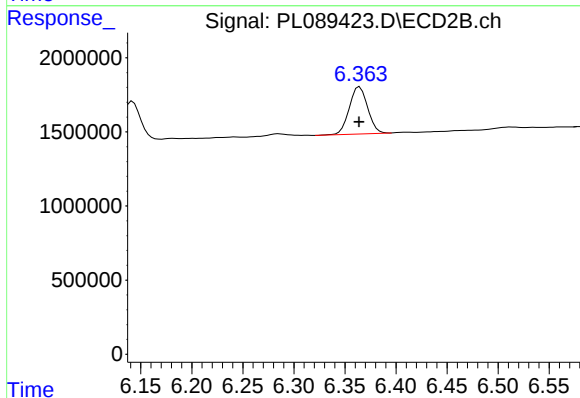
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 3172196
Conc: 2.85 ng/ml



#19 Endosulfan Sulfate

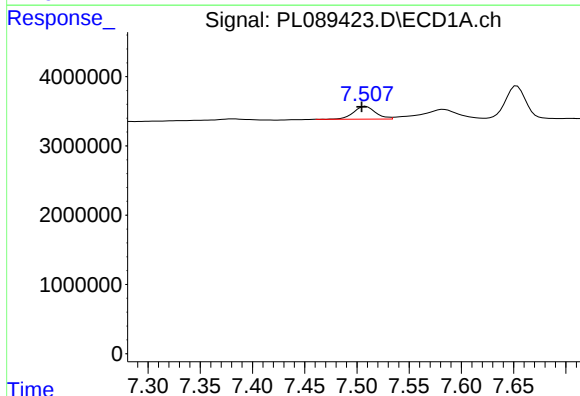
R.T.: 7.169 min
Delta R.T.: 0.004 min
Response: 5738501
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



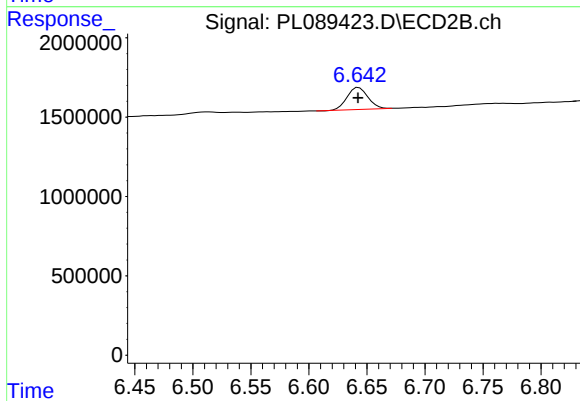
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 3976937
Conc: 2.87 ng/ml



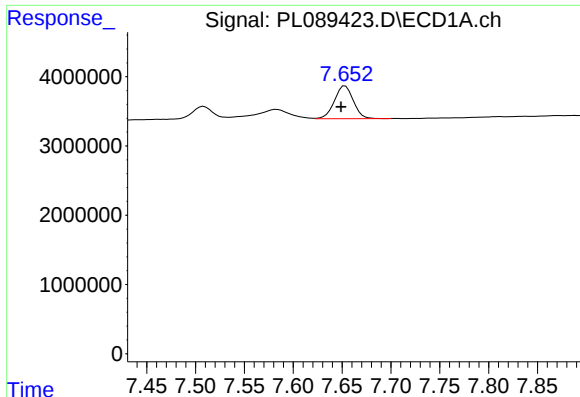
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 2696765
Conc: 2.74 ng/ml



#20 Methoxychlor

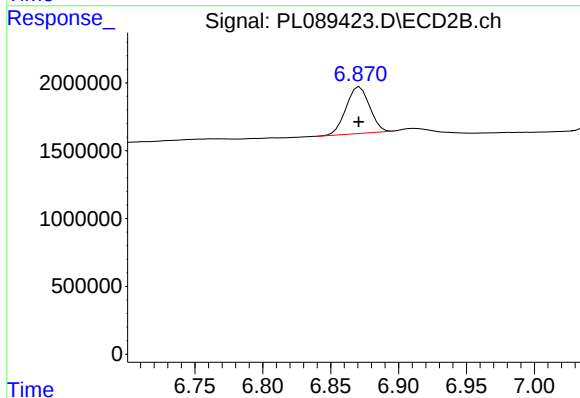
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 1714840
Conc: 2.14 ng/ml



#21 Endrin ketone

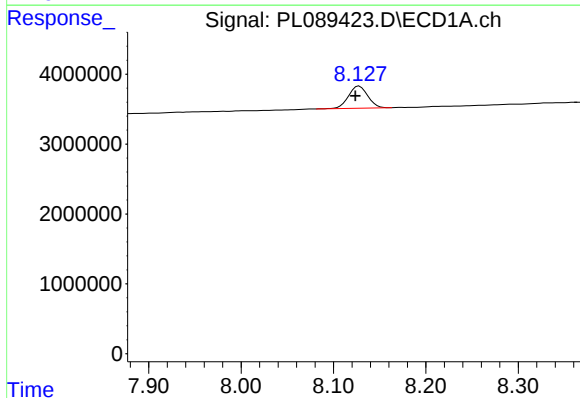
R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 6395130
Conc: 3.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



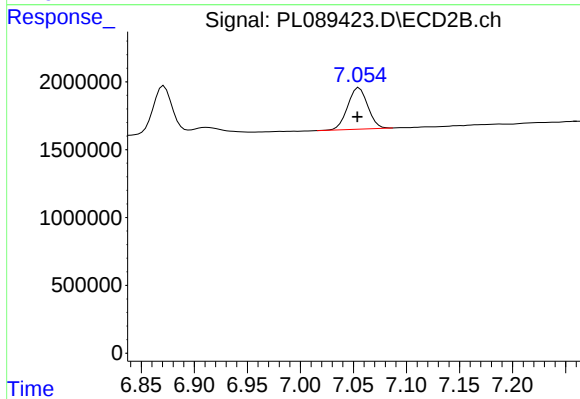
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 4123833
Conc: 2.58 ng/ml



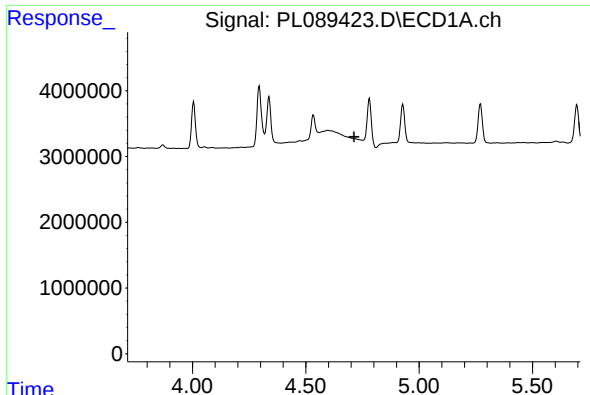
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.004 min
Response: 4589836
Conc: 2.95 ng/ml



#22 Mirex

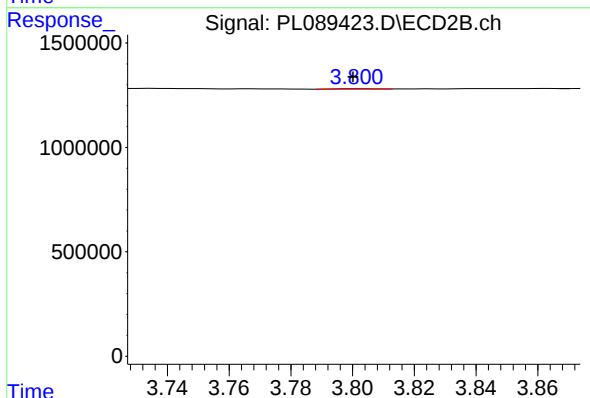
R.T.: 7.055 min
Delta R.T.: 0.002 min
Response: 4009711
Conc: 2.94 ng/ml



#23 Chlordane-1

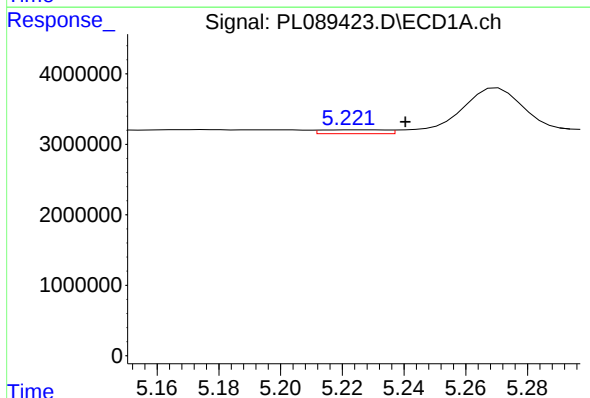
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



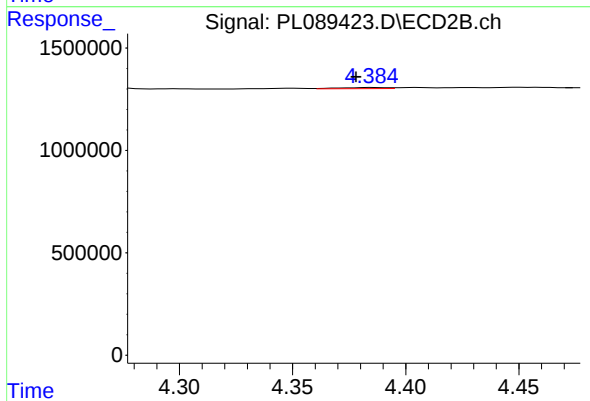
#23 Chlordane-1

R.T.: 3.802 min
Delta R.T.: 0.001 min
Response: 12591
Conc: 0.26 ng/ml



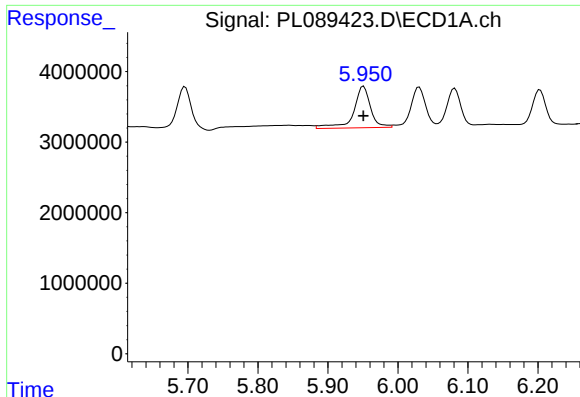
#24 Chlordane-2

R.T.: 5.223 min
Delta R.T.: -0.017 min
Response: 809768
Conc: 7.71 ng/ml



#24 Chlordane-2

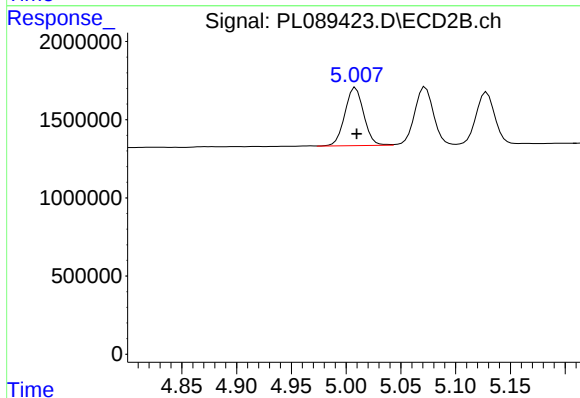
R.T.: 4.386 min
Delta R.T.: 0.008 min
Response: 83677
Conc: 1.32 ng/ml



#25 Chlordane-3

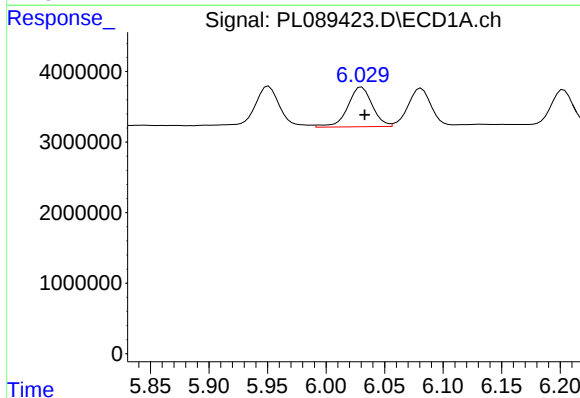
R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 9856300
Conc: 29.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



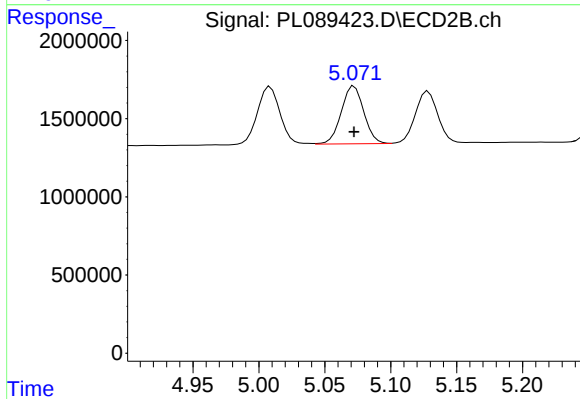
#25 Chlordane-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 4444473
Conc: 25.96 ng/ml



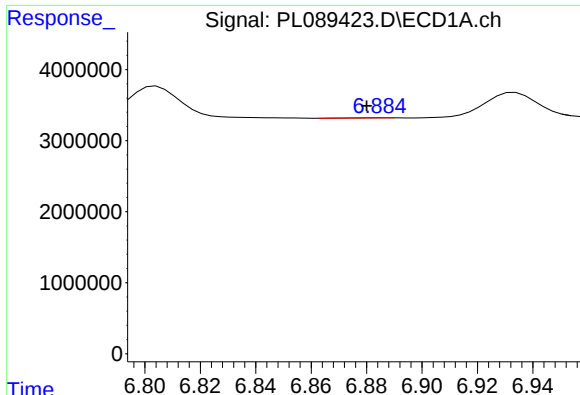
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 8208762
Conc: 20.14 ng/ml



#26 Chlordane-4

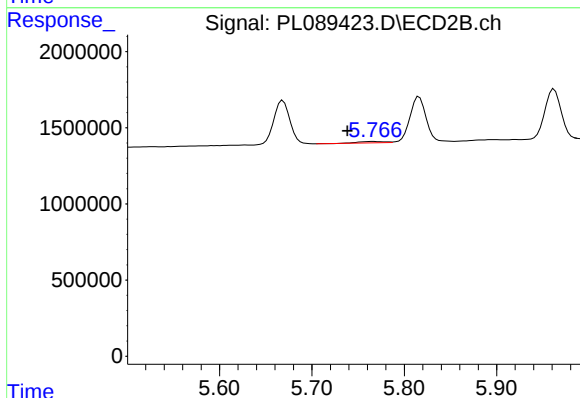
R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 4399212
Conc: 27.35 ng/ml



#27 Chlordane-5

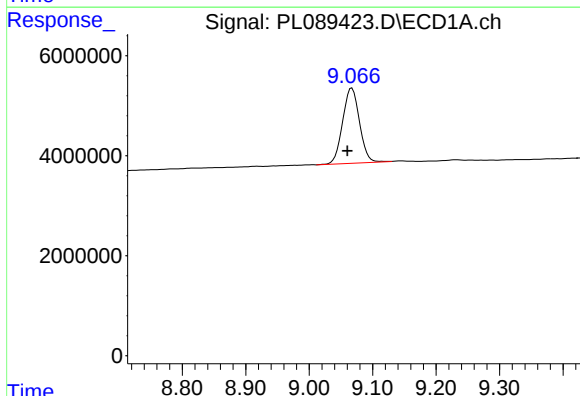
R.T.: 6.886 min
Delta R.T.: 0.006 min
Response: 52897
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



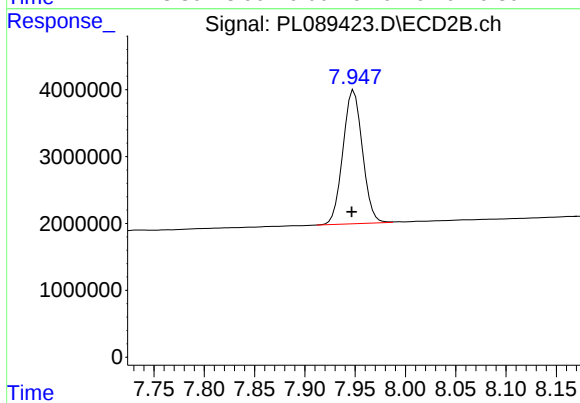
#27 Chlordane-5

R.T.: 5.767 min
Delta R.T.: 0.029 min
Response: 184177
Conc: 3.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.007 min
Response: 27794988
Conc: 19.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 26873094
Conc: 19.98 ng/ml