

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
 Data File : PL087914.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2024 16:18
 Operator : AR\AJ
 Sample : P1187-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 00:31:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 2023
 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	2.673	63288878	27103245	21.140	22.374
28)	SA Decachlor...	8.976	7.858	67049551	31448520	23.543	24.825
Target Compounds							
2)	A alpha-BHC	3.875	3.176	8878217	3492100	1.979	1.895
3)	MA gamma-BHC...	4.208	3.506	8865450	3688369	2.033	2.030
4)	MA Heptachlor	4.801	3.848	10156146	3644596	2.311	2.046
5)	MB Aldrin	5.144	4.128	9155591	3371487	2.136	1.910
6)	B beta-BHC	4.409	3.808	5123920	1617015	2.754	2.114
7)	B delta-BHC	4.654	4.037	10872714	3104319	2.584	1.788 #
8)	B Heptachlo...	5.574	4.635	10251712	3556366	2.676	2.231
9)	A Endosulfan I	5.961	5.006	8775355	3295381	2.434	2.130
10)	B gamma-Chl...	5.832	4.888	10015074	3746381	2.591	2.321
11)	B alpha-Chl...	5.913	4.953	9465702	3767219	2.463	2.270
12)	B 4,4'-DDE	6.094	5.151	7244604	2826186	2.266	2.101
13)	MA Dieldrin	6.239	5.274	8696176	3381724	2.335	2.128
14)	MA Endrin	6.468	5.549	7034018	3123597	2.239	2.203
15)	B Endosulfa...	6.689	5.847	9403123	3284496	2.932	2.399
16)	A 4,4'-DDD	6.614	5.709	5182590	2396574	2.010	2.125
17)	MA 4,4'-DDT	6.931	5.962	7481919	2675706	2.616	2.150
18)	B Endrin al...	6.821	6.029	6302970	2815752	2.506	2.423
19)	B Endosulfa...	7.058	6.254	7711482	3233488	2.521	2.463
20)	A Methoxychlor	7.417	6.547	3695973	1758845	2.276	2.389
21)	B Endrin ke...	7.544	6.759	8144214	3480923	2.504	2.271
22)	Mirex	8.021	6.940	7946748	3676160	2.834	2.741
24)	Chlordane-2	5.144f	4.268	9155591	33341	62.085	0.596 #
25)	Chlordane-3	5.832	4.888	10015074	3746381	18.004	23.673 #
26)	Chlordane-4	5.913	4.953	9465702	3767219	13.684	22.049 #
27)	Chlordane-5	0.000	5.616	0	25564	N.D.	0.543 #

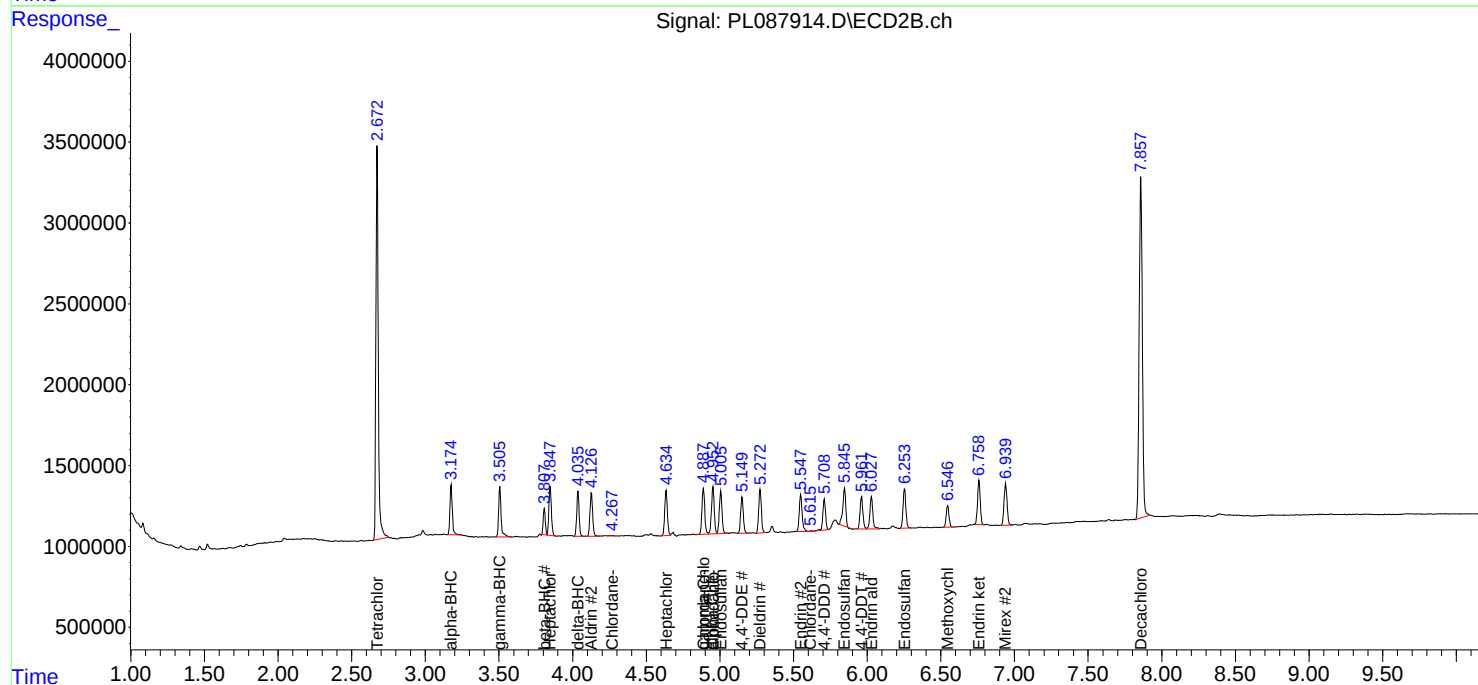
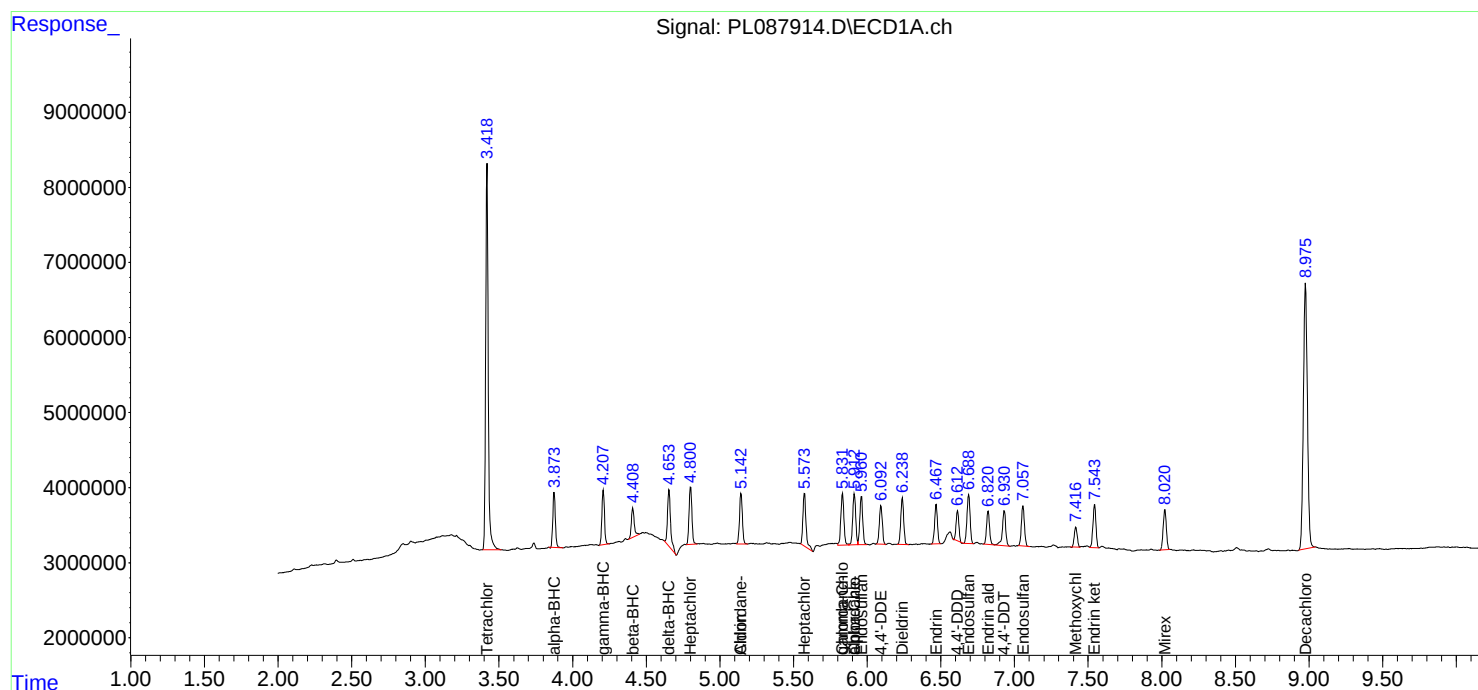
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

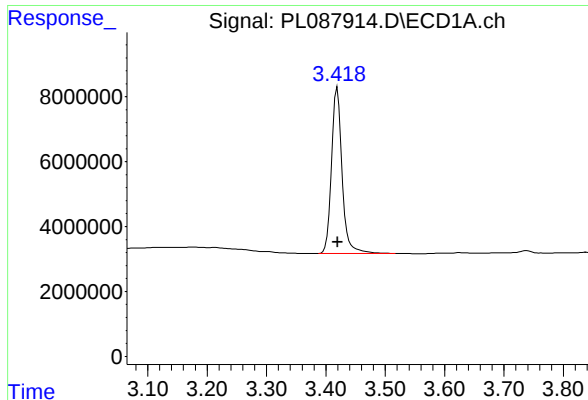
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
Data File : PL087914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2024 16:18
Operator : AR\AJ
Sample : P1187-01
Misc : PEST LOD 2.5PPB
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 00:31:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 2023
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

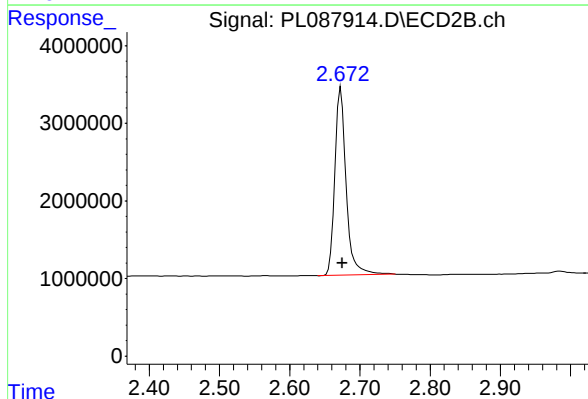




#1 Tetrachloro-m-xylene

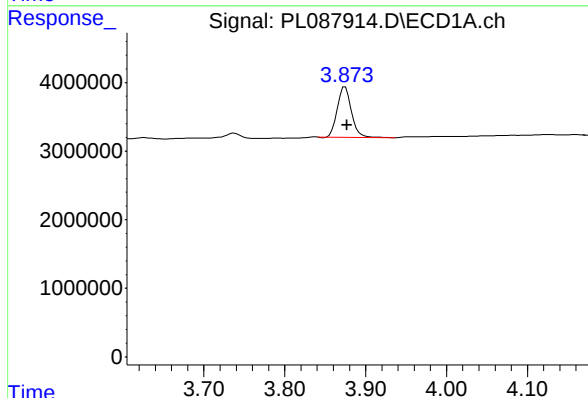
R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 63288878
Conc: 21.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



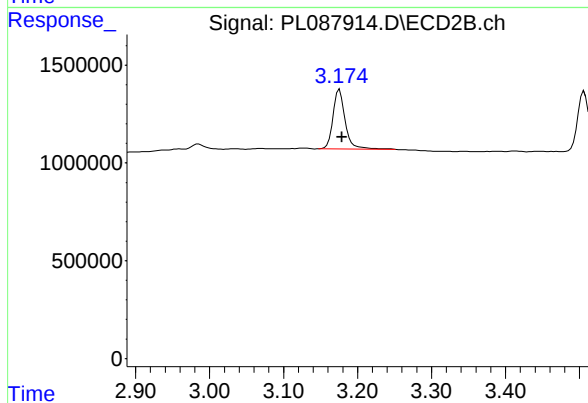
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: -0.002 min
Response: 27103245
Conc: 22.37 ng/ml



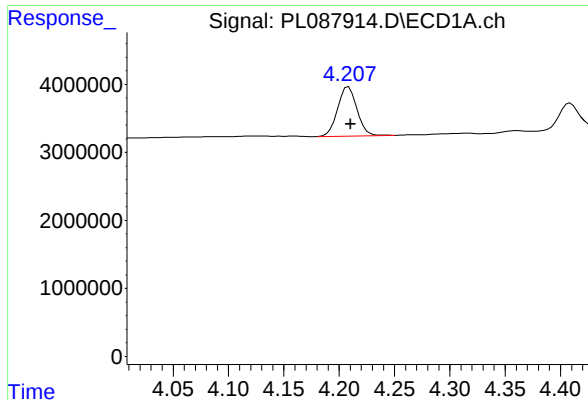
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.002 min
Response: 8878217
Conc: 1.98 ng/ml



#2 alpha-BHC

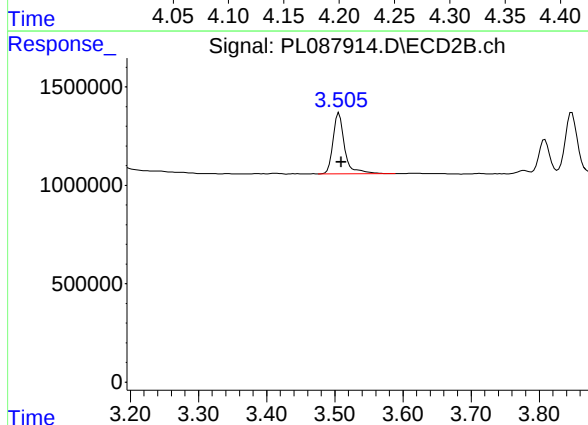
R.T.: 3.176 min
Delta R.T.: -0.004 min
Response: 3492100
Conc: 1.89 ng/ml



#3 gamma-BHC (Lindane)

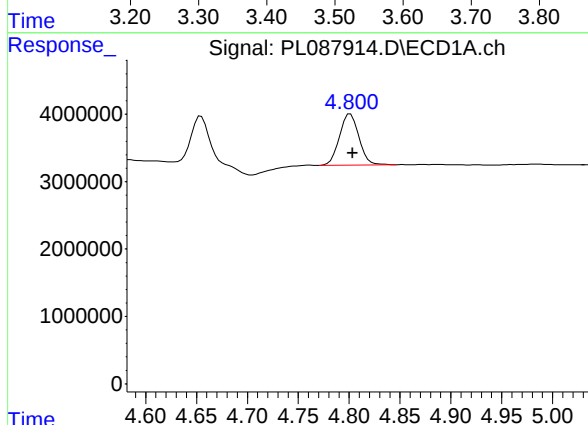
R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 8865450
Conc: 2.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



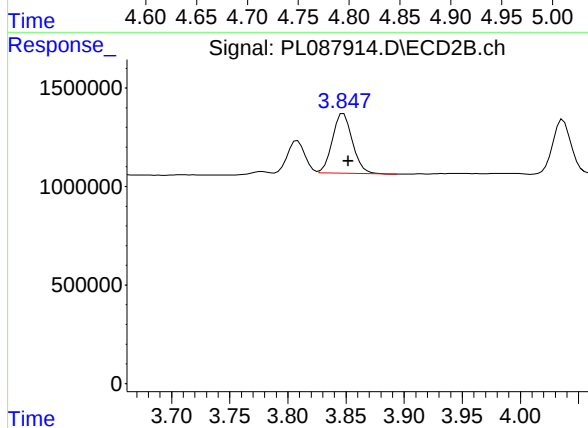
#3 gamma-BHC (Lindane)

R.T.: 3.506 min
Delta R.T.: -0.003 min
Response: 3688369
Conc: 2.03 ng/ml



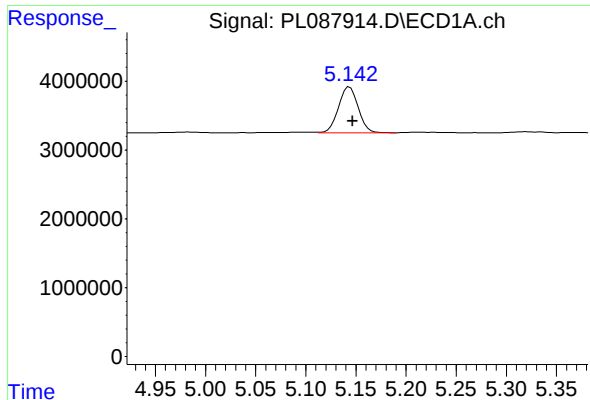
#4 Heptachlor

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 10156146
Conc: 2.31 ng/ml



#4 Heptachlor

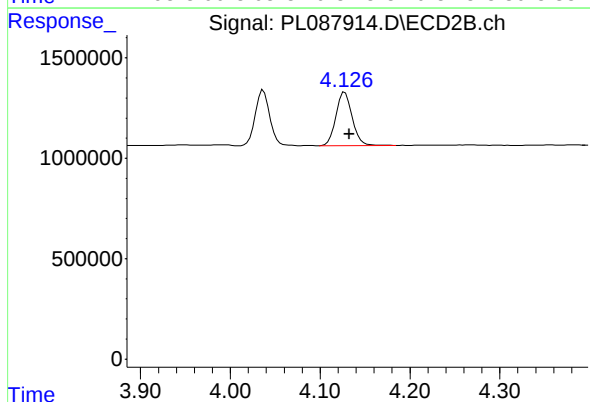
R.T.: 3.848 min
Delta R.T.: -0.004 min
Response: 3644596
Conc: 2.05 ng/ml



#5 Aldrin

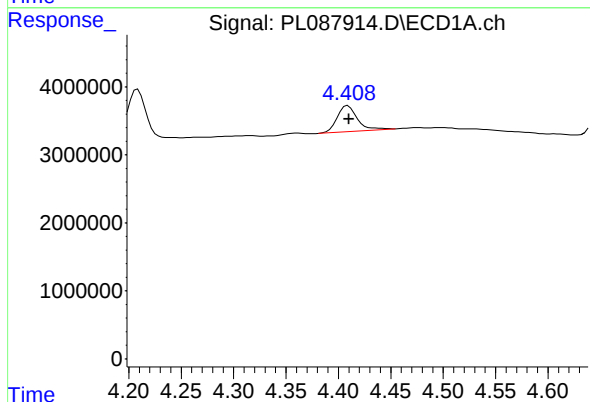
R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 9155591
Conc: 2.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



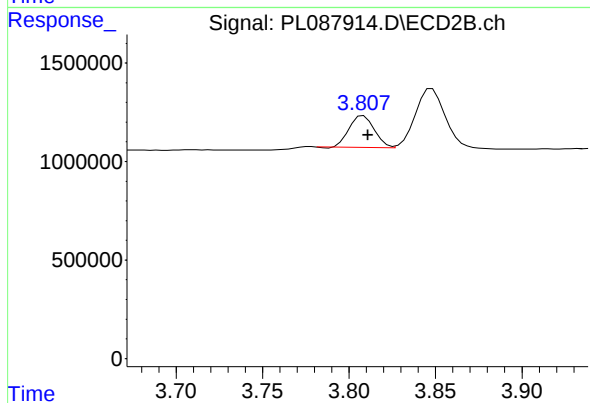
#5 Aldrin

R.T.: 4.128 min
Delta R.T.: -0.005 min
Response: 3371487
Conc: 1.91 ng/ml



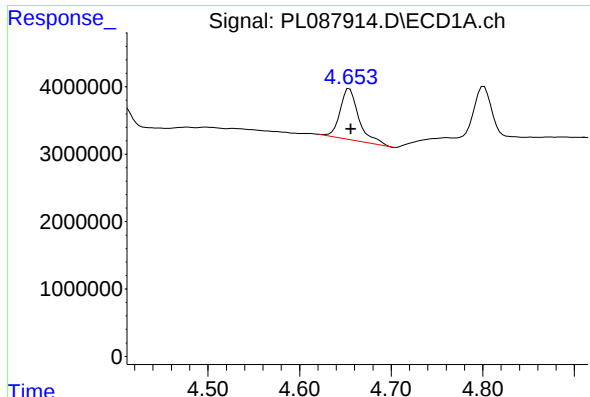
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 5123920
Conc: 2.75 ng/ml



#6 beta-BHC

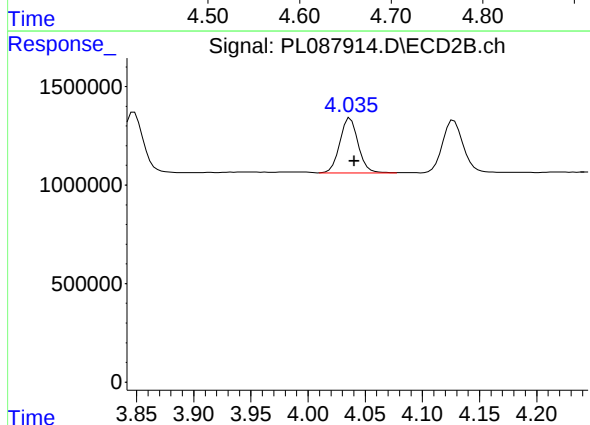
R.T.: 3.808 min
Delta R.T.: -0.003 min
Response: 1617015
Conc: 2.11 ng/ml



#7 delta-BHC

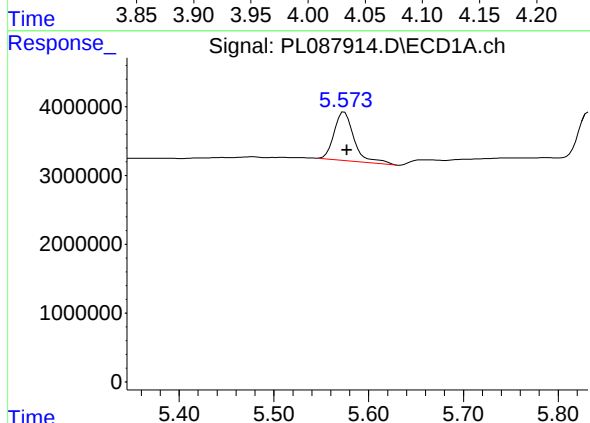
R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 10872714
Conc: 2.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



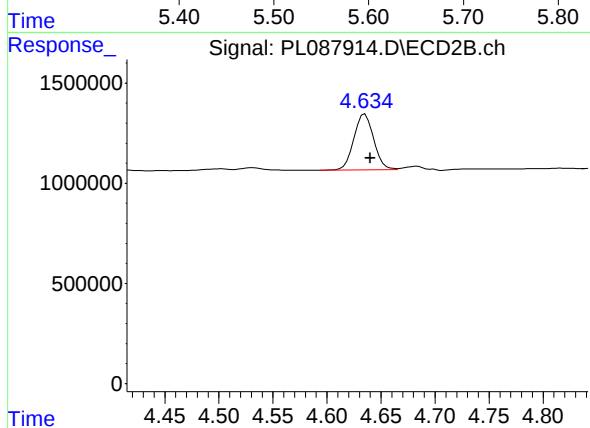
#7 delta-BHC

R.T.: 4.037 min
Delta R.T.: -0.004 min
Response: 3104319
Conc: 1.79 ng/ml



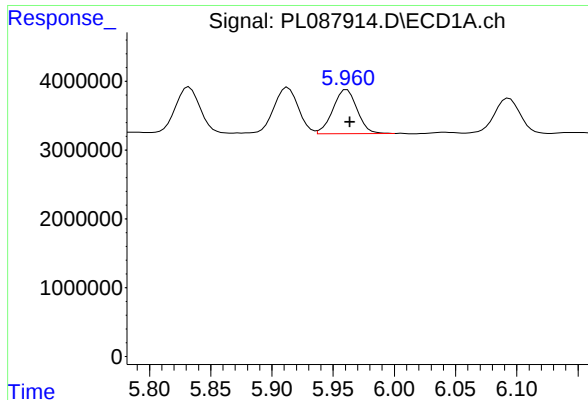
#8 Heptachlor epoxide

R.T.: 5.574 min
Delta R.T.: -0.003 min
Response: 10251712
Conc: 2.68 ng/ml



#8 Heptachlor epoxide

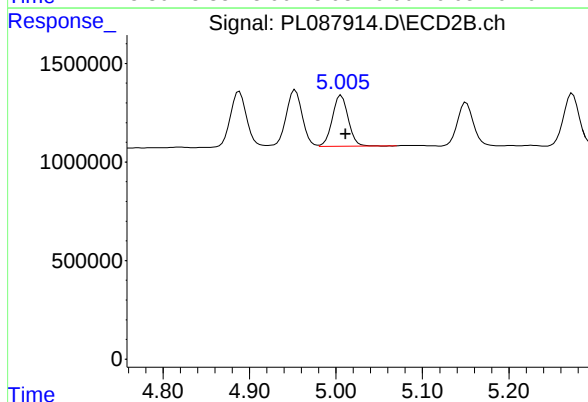
R.T.: 4.635 min
Delta R.T.: -0.005 min
Response: 3556366
Conc: 2.23 ng/ml



#9 Endosulfan I

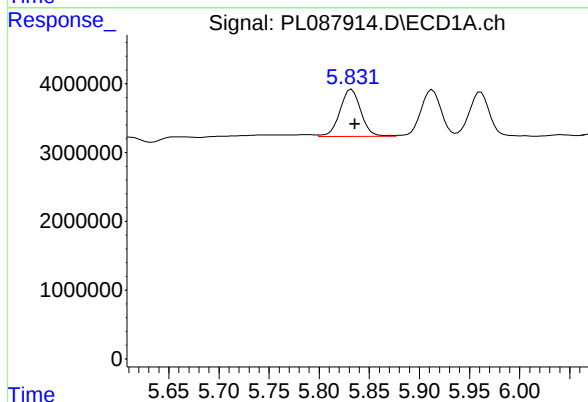
R.T.: 5.961 min
Delta R.T.: -0.003 min
Response: 8775355
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



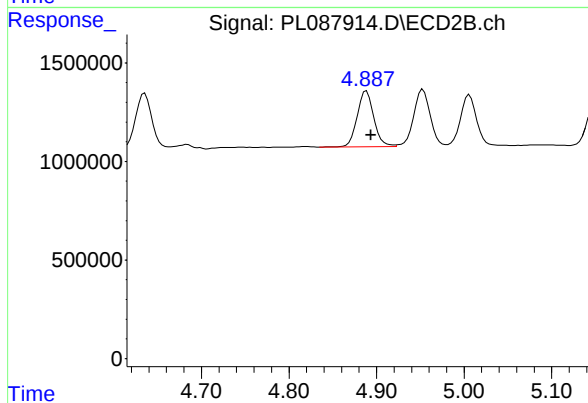
#9 Endosulfan I

R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 3295381
Conc: 2.13 ng/ml



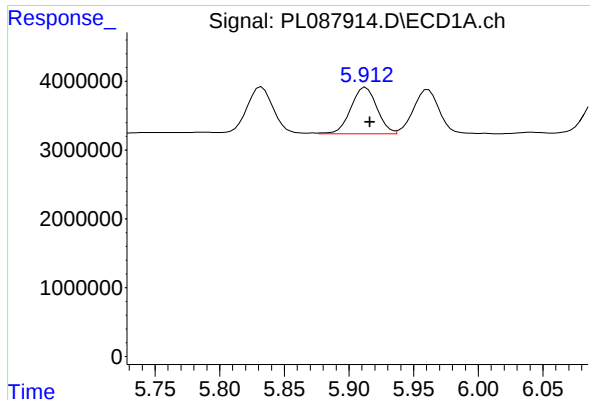
#10 gamma-Chlordane

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 10015074
Conc: 2.59 ng/ml



#10 gamma-Chlordane

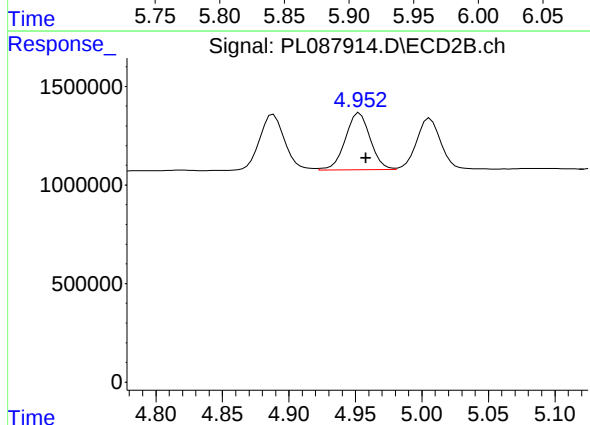
R.T.: 4.888 min
Delta R.T.: -0.005 min
Response: 3746381
Conc: 2.32 ng/ml



#11 alpha-Chlordane

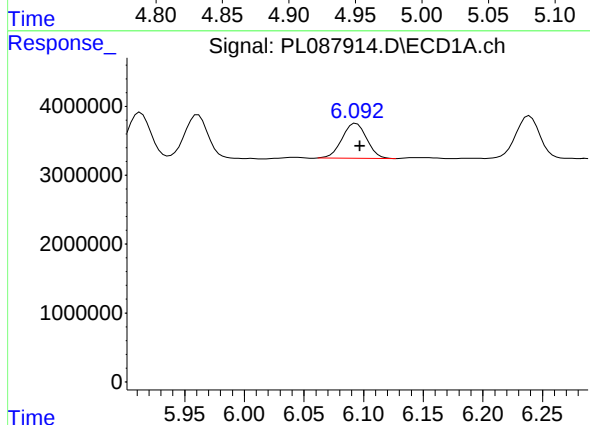
R.T.: 5.913 min
Delta R.T.: -0.003 min
Response: 9465702
Conc: 2.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



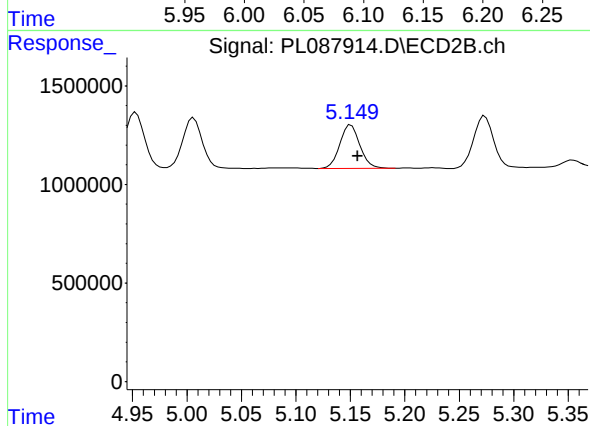
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 3767219
Conc: 2.27 ng/ml



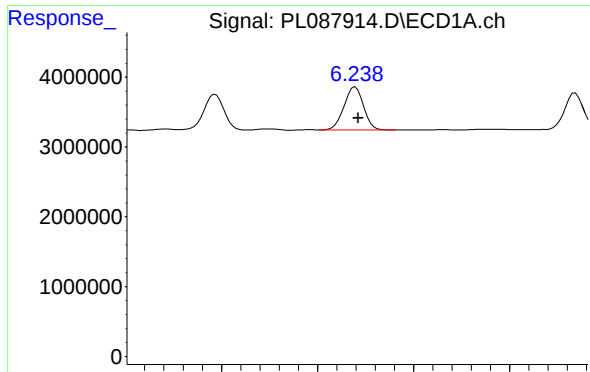
#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 7244604
Conc: 2.27 ng/ml



#12 4,4'-DDE

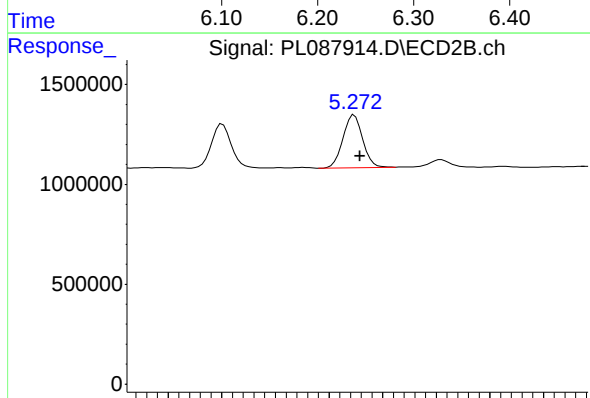
R.T.: 5.151 min
Delta R.T.: -0.006 min
Response: 2826186
Conc: 2.10 ng/ml



#13 Dieldrin

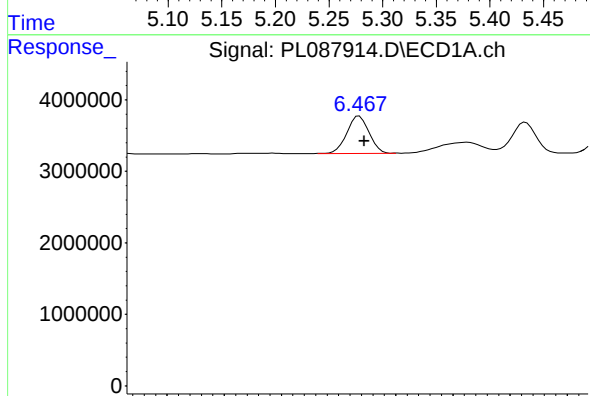
R.T.: 6.239 min
Delta R.T.: -0.003 min
Response: 8696176
Conc: 2.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



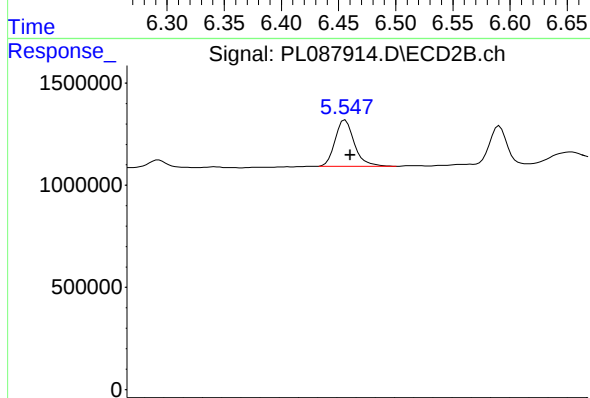
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 3381724
Conc: 2.13 ng/ml



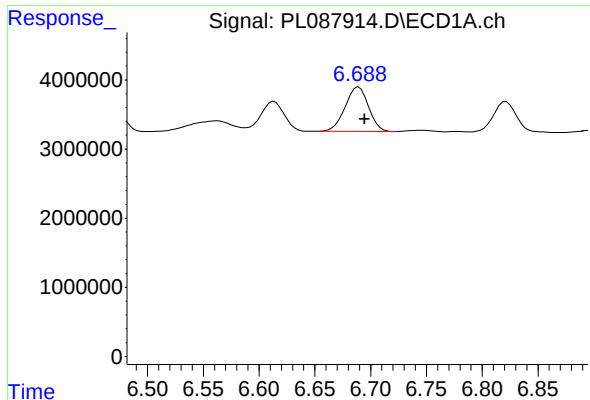
#14 Endrin

R.T.: 6.468 min
Delta R.T.: -0.004 min
Response: 7034018
Conc: 2.24 ng/ml



#14 Endrin

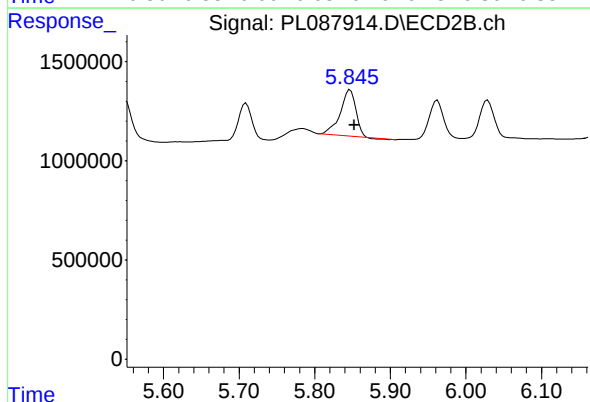
R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 3123597
Conc: 2.20 ng/ml



#15 Endosulfan II

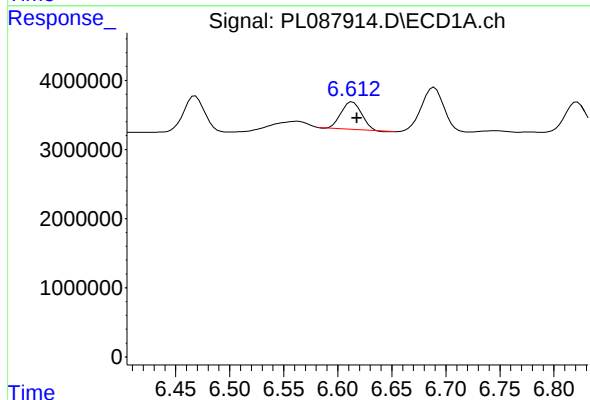
R.T.: 6.689 min
Delta R.T.: -0.005 min
Response: 9403123
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



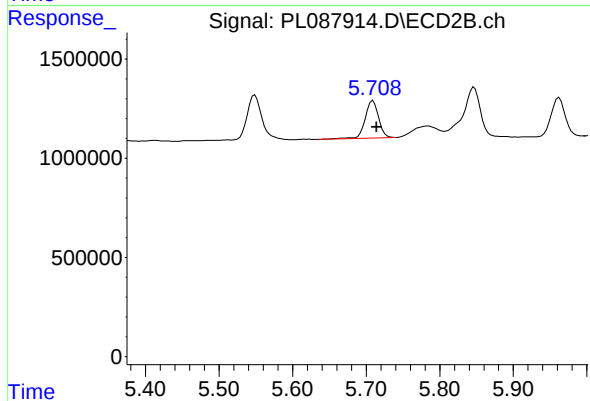
#15 Endosulfan II

R.T.: 5.847 min
Delta R.T.: -0.005 min
Response: 3284496
Conc: 2.40 ng/ml



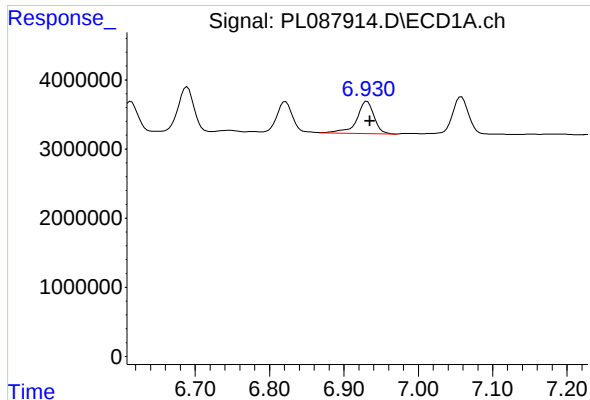
#16 4,4'-DDD

R.T.: 6.614 min
Delta R.T.: -0.004 min
Response: 5182590
Conc: 2.01 ng/ml



#16 4,4'-DDD

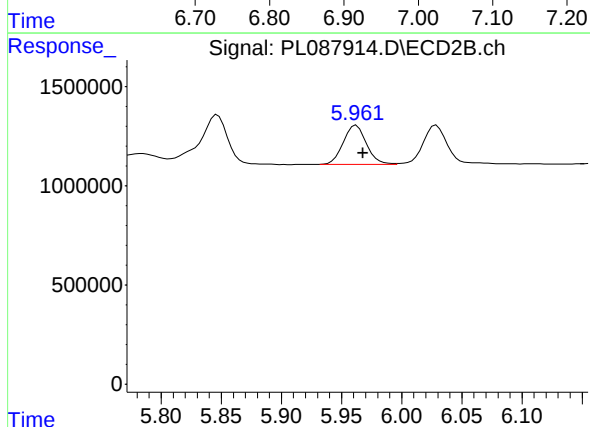
R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 2396574
Conc: 2.13 ng/ml



#17 4,4'-DDT

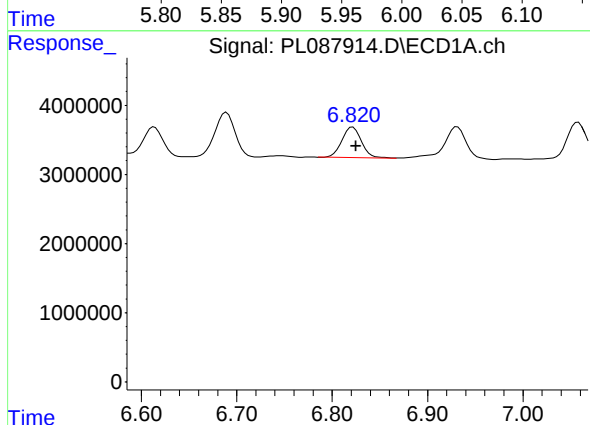
R.T.: 6.931 min
Delta R.T.: -0.004 min
Response: 7481919
Conc: 2.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



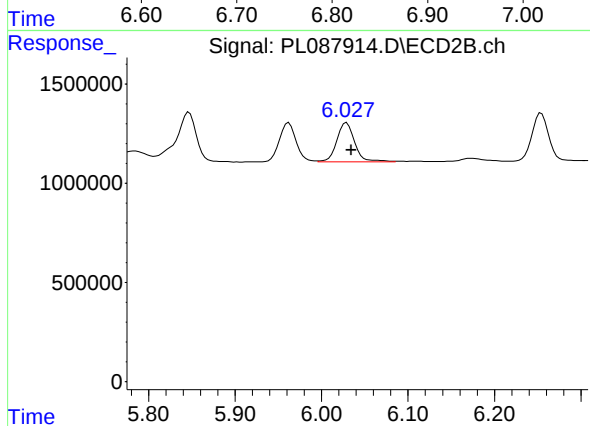
#17 4,4'-DDT

R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 2675706
Conc: 2.15 ng/ml



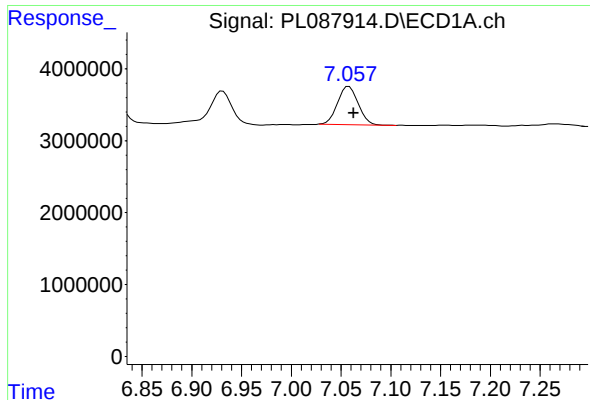
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: -0.004 min
Response: 6302970
Conc: 2.51 ng/ml



#18 Endrin aldehyde

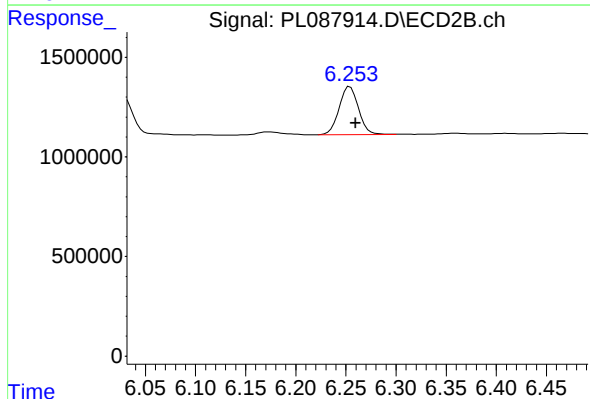
R.T.: 6.029 min
Delta R.T.: -0.006 min
Response: 2815752
Conc: 2.42 ng/ml



#19 Endosulfan Sulfate

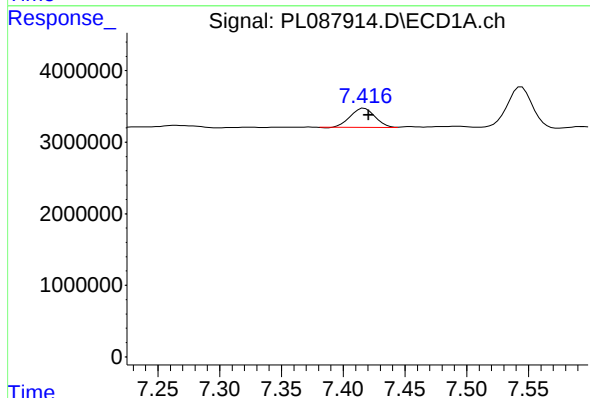
R.T.: 7.058 min
Delta R.T.: -0.005 min
Response: 7711482
Conc: 2.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



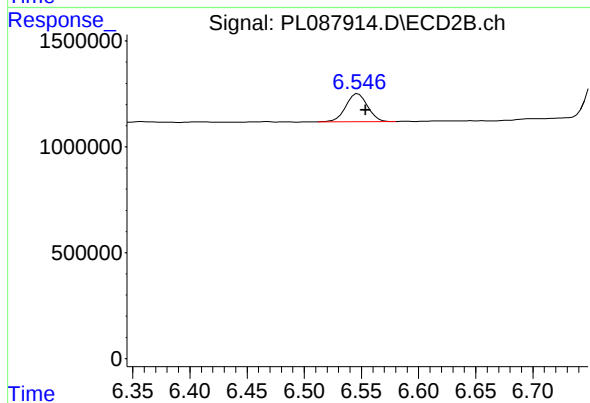
#19 Endosulfan Sulfate

R.T.: 6.254 min
Delta R.T.: -0.006 min
Response: 3233488
Conc: 2.46 ng/ml



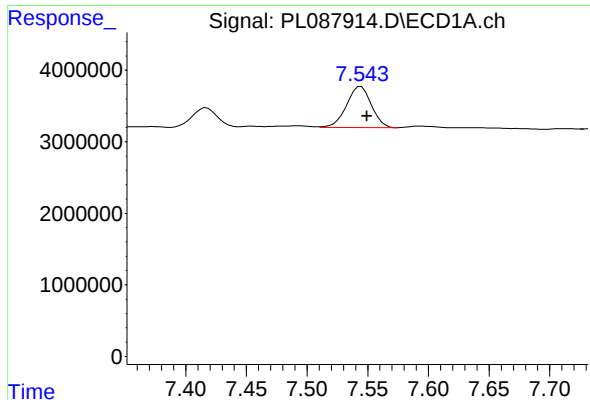
#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: -0.003 min
Response: 3695973
Conc: 2.28 ng/ml



#20 Methoxychlor

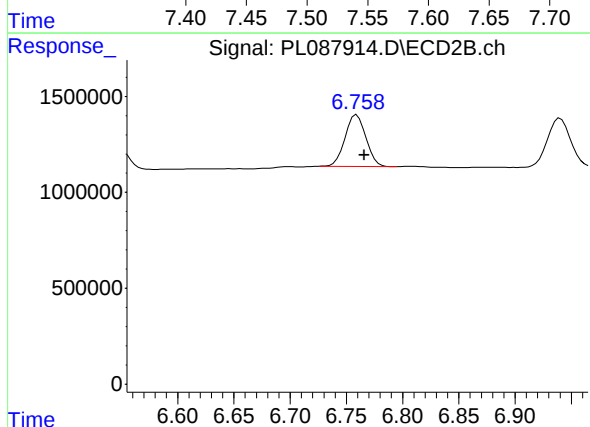
R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 1758845
Conc: 2.39 ng/ml



#21 Endrin ketone

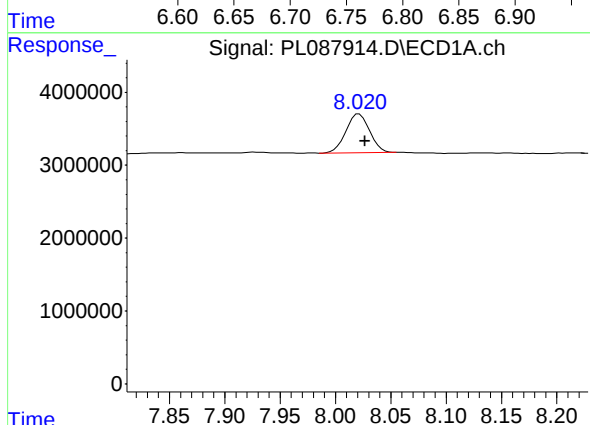
R.T.: 7.544 min
Delta R.T.: -0.005 min
Response: 8144214
Conc: 2.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



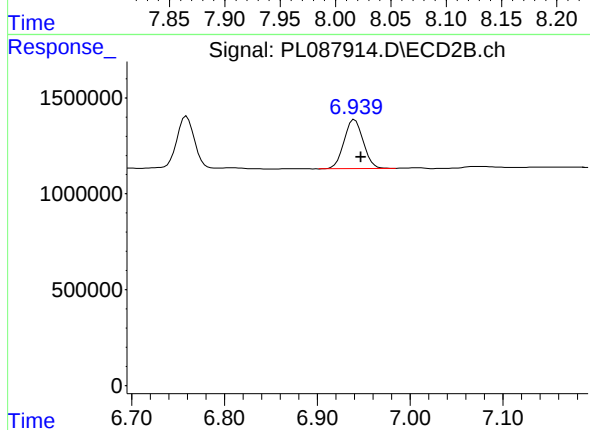
#21 Endrin ketone

R.T.: 6.759 min
Delta R.T.: -0.006 min
Response: 3480923
Conc: 2.27 ng/ml



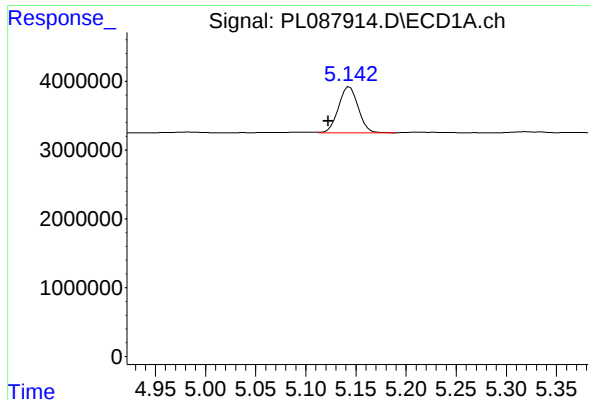
#22 Mirex

R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 7946748
Conc: 2.83 ng/ml



#22 Mirex

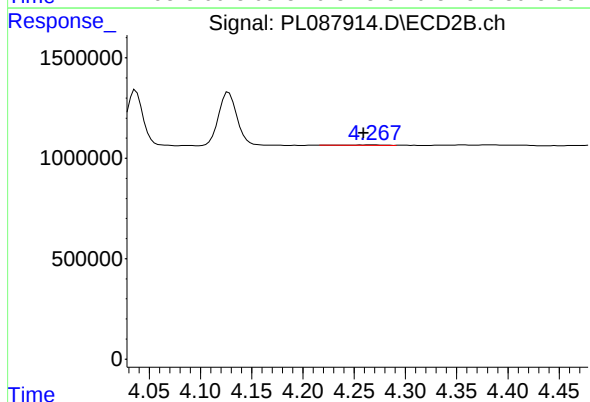
R.T.: 6.940 min
Delta R.T.: -0.007 min
Response: 3676160
Conc: 2.74 ng/ml



#24 Chlordane-2

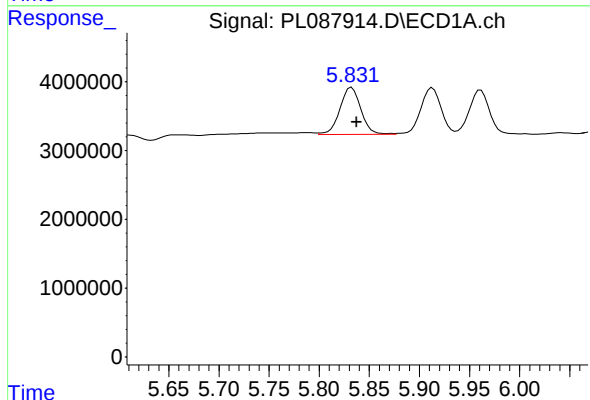
R.T.: 5.144 min
Delta R.T.: 0.021 min
Response: 9155591
Conc: 62.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



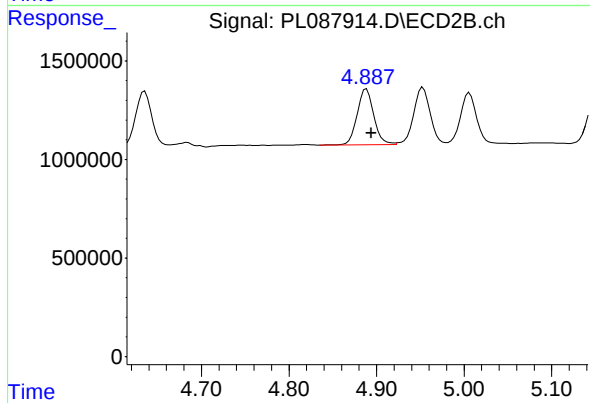
#24 Chlordane-2

R.T.: 4.268 min
Delta R.T.: 0.009 min
Response: 33341
Conc: 0.60 ng/ml



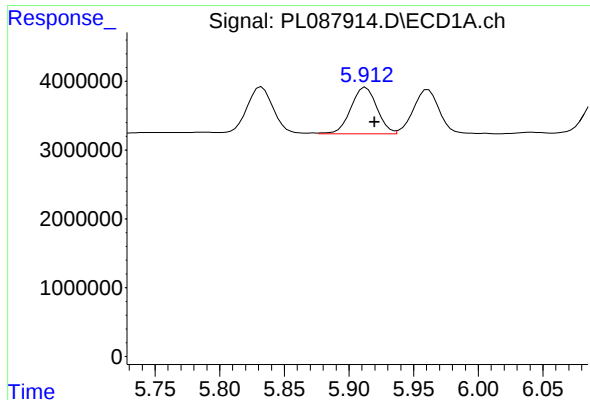
#25 Chlordane-3

R.T.: 5.832 min
Delta R.T.: -0.005 min
Response: 10015074
Conc: 18.00 ng/ml



#25 Chlordane-3

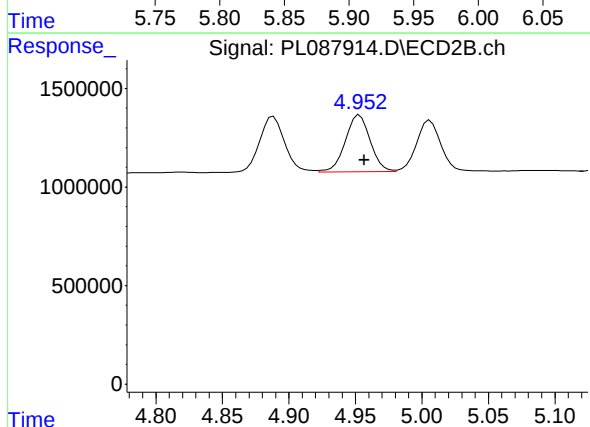
R.T.: 4.888 min
Delta R.T.: -0.005 min
Response: 3746381
Conc: 23.67 ng/ml



#26 Chlordane-4

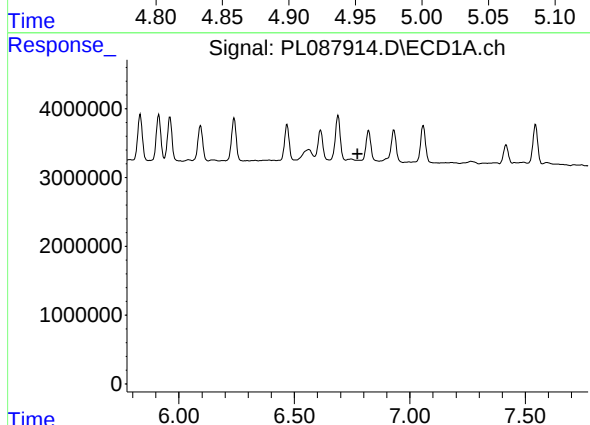
R.T.: 5.913 min
Delta R.T.: -0.007 min
Response: 9465702
Conc: 13.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



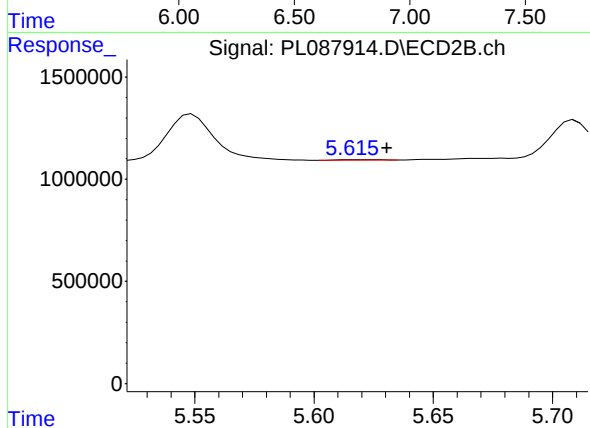
#26 Chlordane-4

R.T.: 4.953 min
Delta R.T.: -0.003 min
Response: 3767219
Conc: 22.05 ng/ml



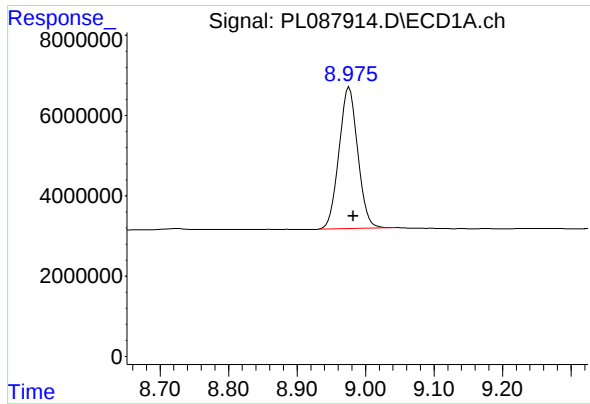
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.773 min
Response: 0
Conc: N.D.



#27 Chlordane-5

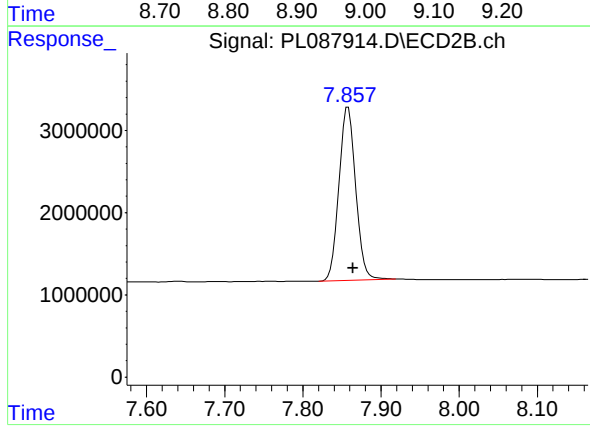
R.T.: 5.616 min
Delta R.T.: -0.015 min
Response: 25564
Conc: 0.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: -0.006 min
Response: 67049551
Conc: 23.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



#28 Decachlorobiphenyl

R.T.: 7.858 min
Delta R.T.: -0.006 min
Response: 31448520
Conc: 24.82 ng/ml