

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
 Data File : PL089450.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2024 14:01
 Operator : AR\AJ
 Sample : P2403-02
 Misc : CH/LOQ 50PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 22:27:41 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

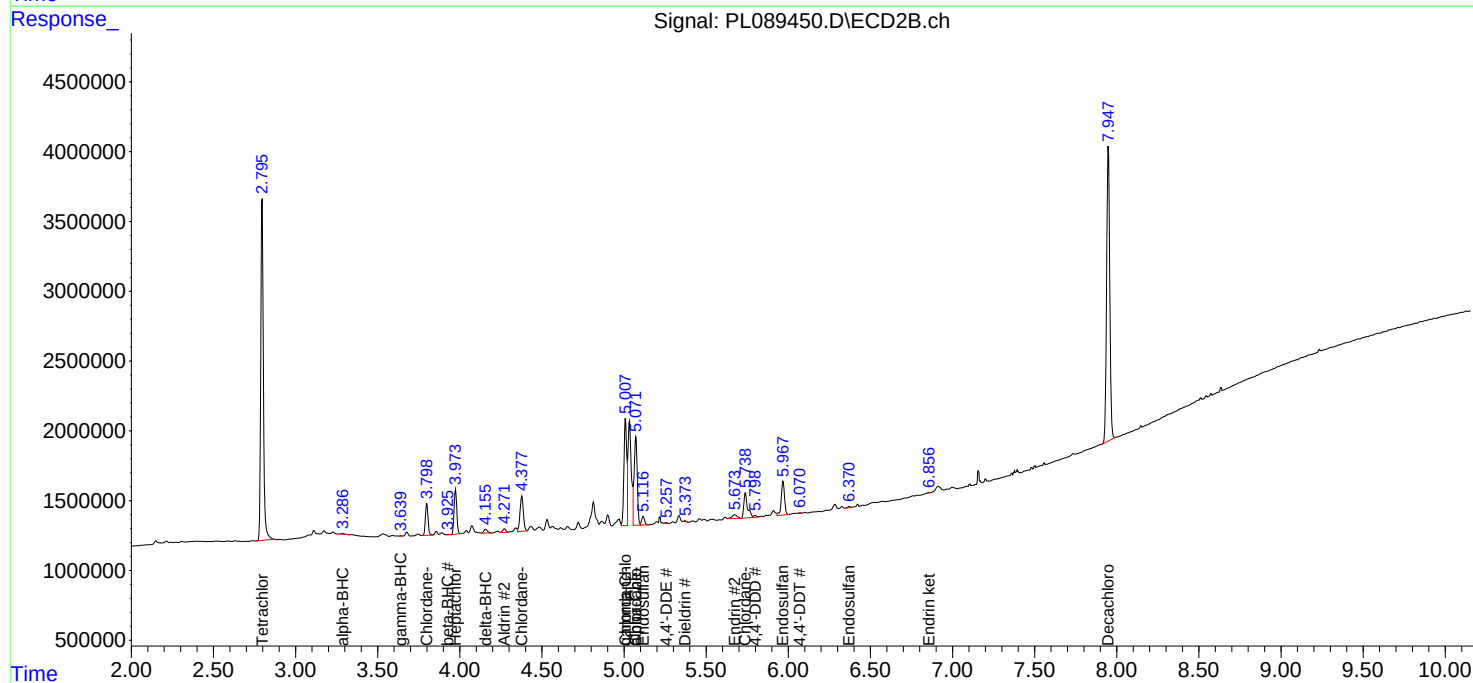
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

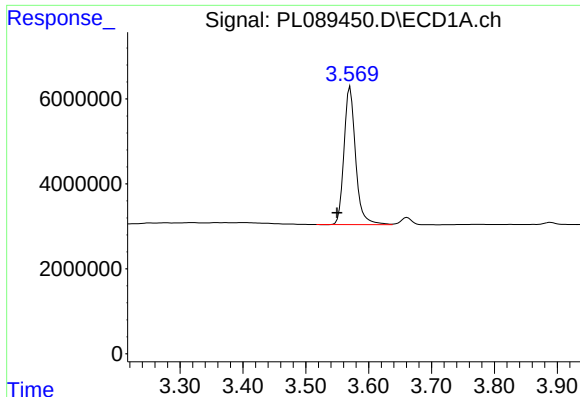
System Monitoring Compounds							
1)	SA Tetrachlo...	3.571f	2.796	41488901	27519738	20.604	21.449
28)	SA Decachlor...	9.087f	7.949	28828316	28268923	20.606	21.015
Target Compounds							
2)	A alpha-BHC	3.982f	3.288	38583	84062	0.014	0.045 #
3)	MA gamma-BHC...	4.316f	3.641	1419096	17773	0.510	0.010 #
4)	MA Heptachlor	4.948f	3.974	8618348	3631764	3.475	2.073 #
5)	MB Aldrin	5.262	4.272f	7379801	326179	2.873	0.185 #
6)	B beta-BHC	0.000	3.927	0	25700	N.D.	0.031 #
7)	B delta-BHC	4.791	4.157	609083	418790	0.230	0.233
8)	Heptachlo...	5.699	0.000	5224500	0	2.227	N.D. #
9)	A Endosulfan I	6.055f	5.117	24871362	789442	11.569	0.527 #
10)	B gamma-Chl...	5.972f	5.009	20426768	8943734	8.936	5.450 #
11)	B alpha-Chl...	6.055f	5.073	24871362	8524371	10.934	5.169 #
12)	B 4,4'-DDE	6.213	5.258	210735	47445	0.104	0.033 #
13)	MA Dieldrin	6.382f	5.372f	722693	53559	0.323	0.033 #
14)	MA Endrin	6.601f	5.674	14880	599510	0.008	0.417 #
15)	B Endosulfa...	6.810	5.968	530153	3292678	0.266	2.289 #
16)	A 4,4'-DDD	6.709	5.800f	4213711	156132	2.498	0.127 #
17)	MA 4,4'-DDT	7.035	6.071	1213477	34118	0.660	0.025 #
18)	B Endrin al...	6.954f	0.000	421080	0	0.278	N.D. #
19)	B Endosulfa...	7.151	6.372	42356	90557	0.023	0.065 #
20)	A Methoxychlor	7.528f	0.000	558789	0	0.568	N.D. #
21)	B Endrin ke...	7.661	6.859	108007	44497	0.054	0.028 #
22)	Mirex	8.115	0.000	193437	0	0.124	N.D. #
23)	Chlordane-1	4.733f	3.799	1374294	2579428	15.052	52.426 #
24)	Chlordane-2	5.262f	4.378	7379801	3610996	70.221	56.763
25)	Chlordane-3	5.972f	5.009	20426768	8943734	61.851	52.235
26)	Chlordane-4	6.055f	5.073	24871362	8524371	61.015	52.998
27)	Chlordane-5	6.903f	5.739	2459529	2879229	29.554	56.259 #

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

Instrument :
ECD_L
ClientSampleId :
LOO-SOIL-02-OT2-2024

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

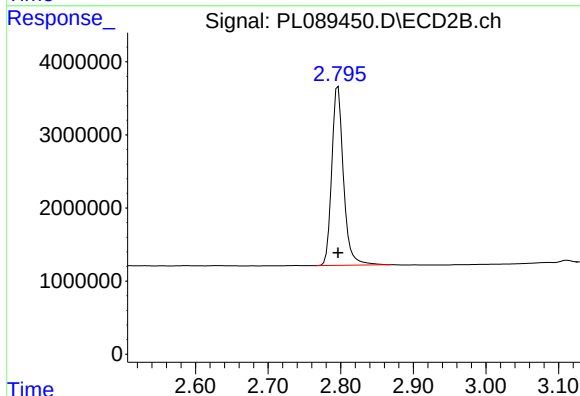




#1 Tetrachloro-m-xylene

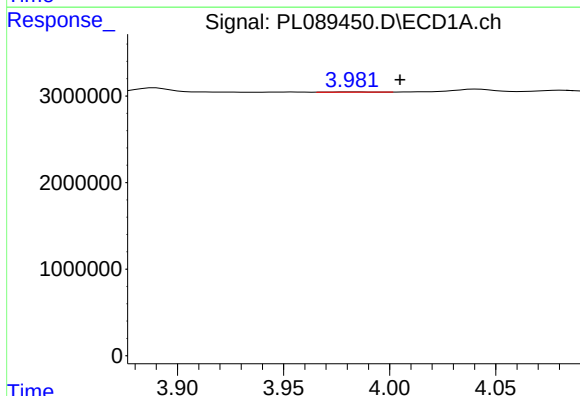
R.T.: 3.571 min
Delta R.T.: 0.021 min
Response: 41488901
Conc: 20.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



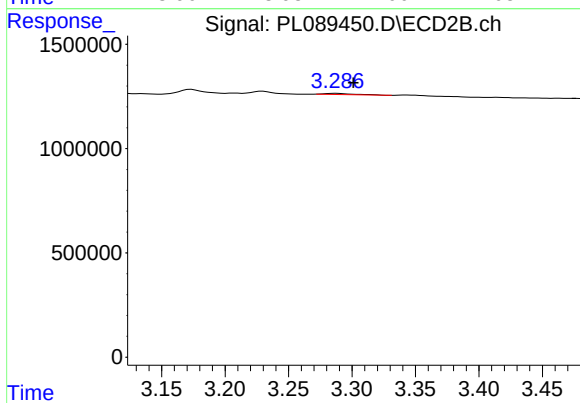
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 27519738
Conc: 21.45 ng/ml



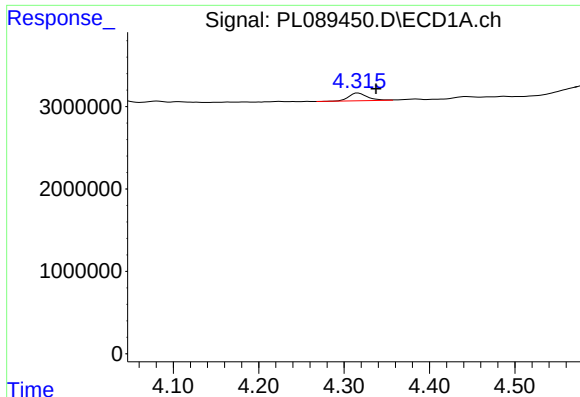
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: -0.023 min
Response: 38583
Conc: 0.01 ng/ml



#2 alpha-BHC

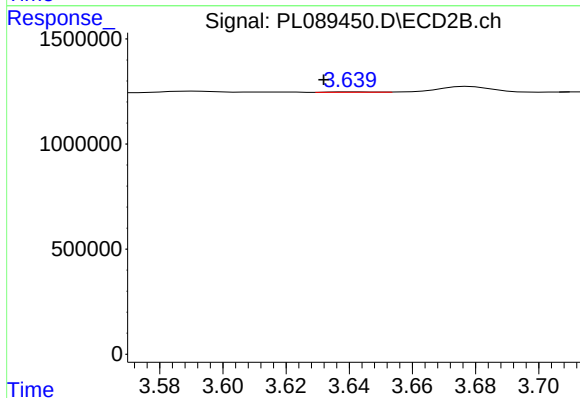
R.T.: 3.288 min
Delta R.T.: -0.014 min
Response: 84062
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

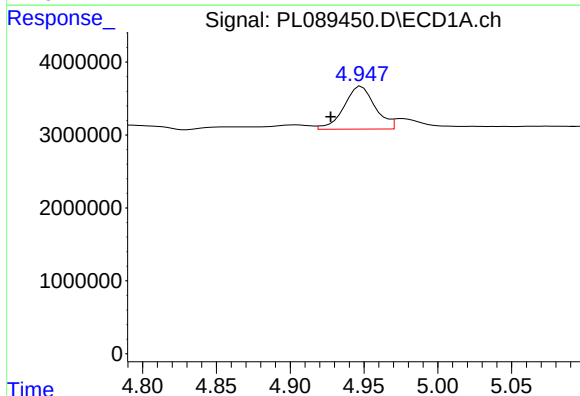
R.T.: 4.316 min
Delta R.T.: -0.021 min
Response: 1419096
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



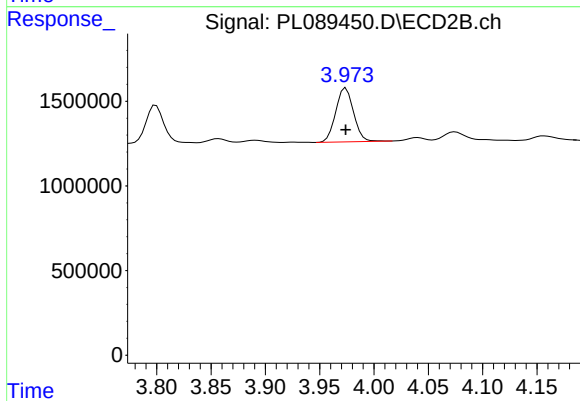
#3 gamma-BHC (Lindane)

R.T.: 3.641 min
Delta R.T.: 0.009 min
Response: 17773
Conc: 0.01 ng/ml



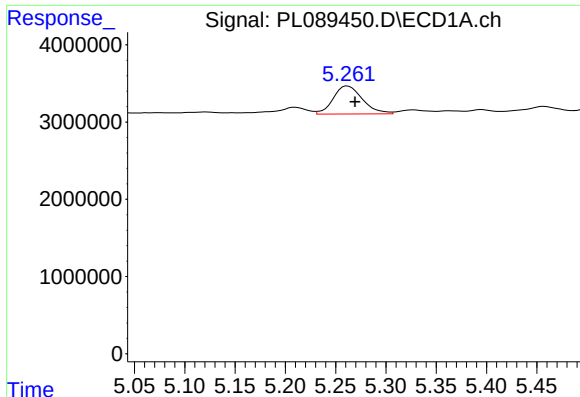
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.021 min
Response: 8618348
Conc: 3.47 ng/ml



#4 Heptachlor

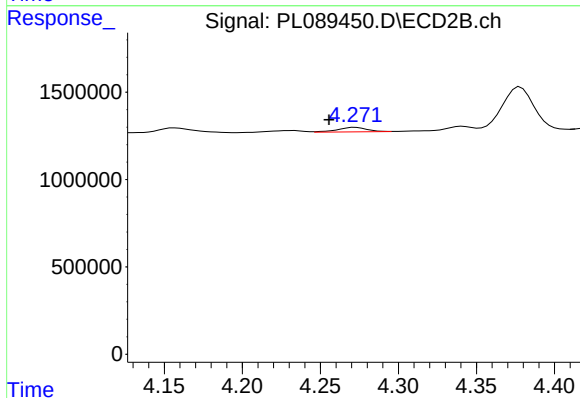
R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 3631764
Conc: 2.07 ng/ml



#5 Aldrin

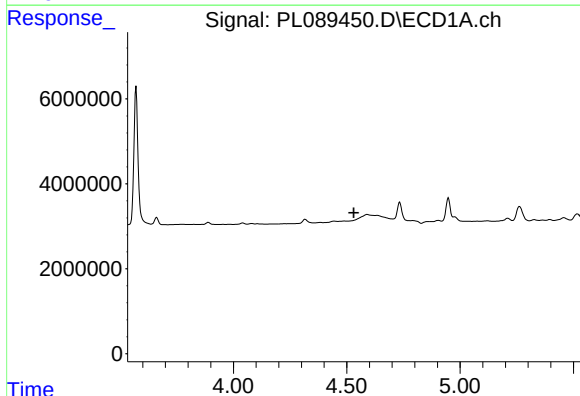
R.T.: 5.262 min
Delta R.T.: -0.007 min
Response: 7379801
Conc: 2.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



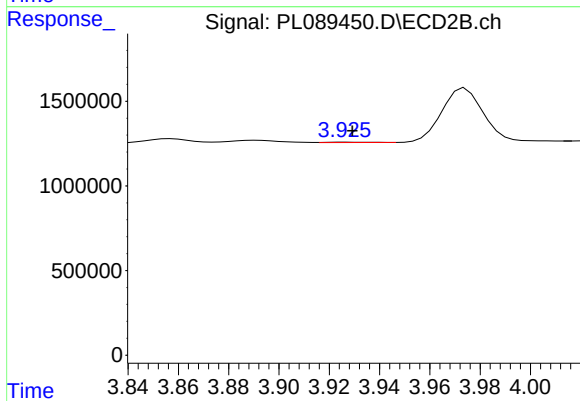
#5 Aldrin

R.T.: 4.272 min
Delta R.T.: 0.017 min
Response: 326179
Conc: 0.18 ng/ml



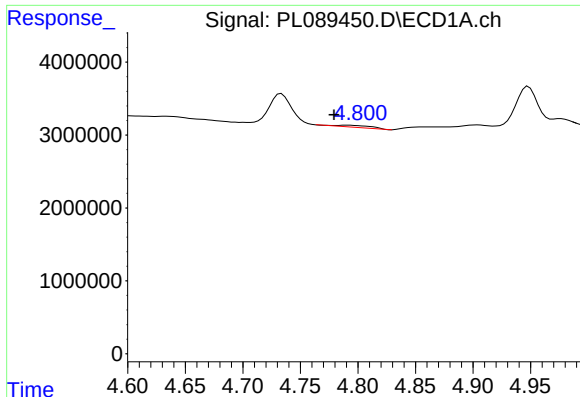
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.532 min
Response: 0
Conc: N.D.



#6 beta-BHC

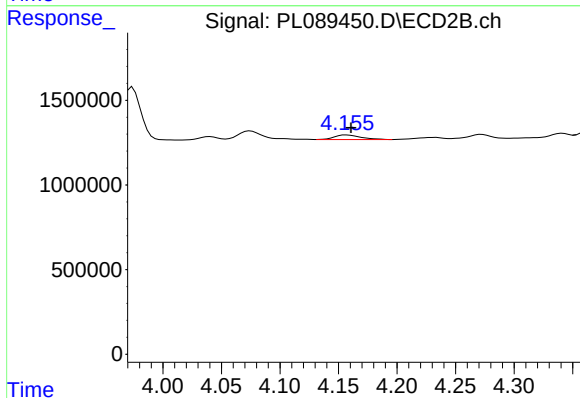
R.T.: 3.927 min
Delta R.T.: -0.002 min
Response: 25700
Conc: 0.03 ng/ml



#7 delta-BHC

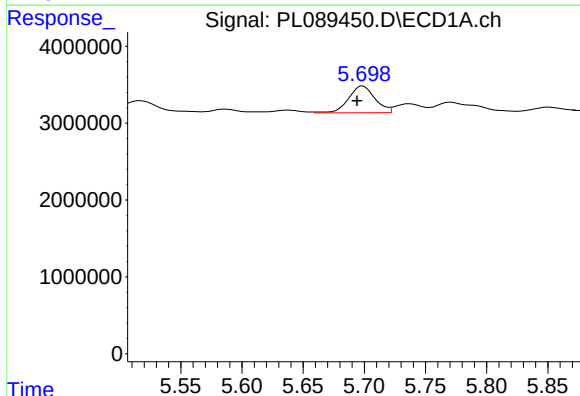
R.T.: 4.791 min
Delta R.T.: 0.012 min
Response: 609083
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



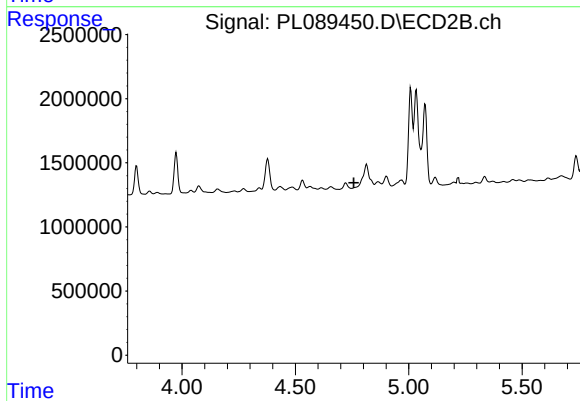
#7 delta-BHC

R.T.: 4.157 min
Delta R.T.: -0.004 min
Response: 418790
Conc: 0.23 ng/ml



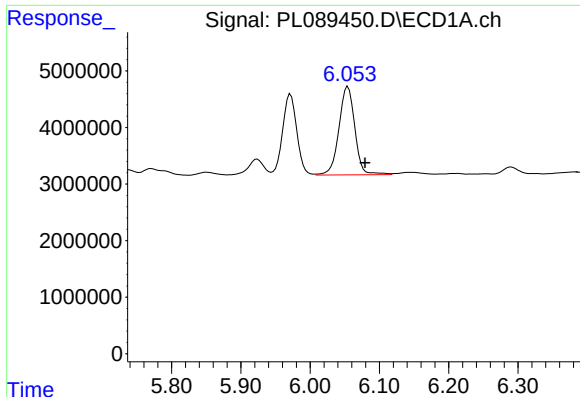
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.005 min
Response: 5224500
Conc: 2.23 ng/ml



#8 Heptachlor epoxide

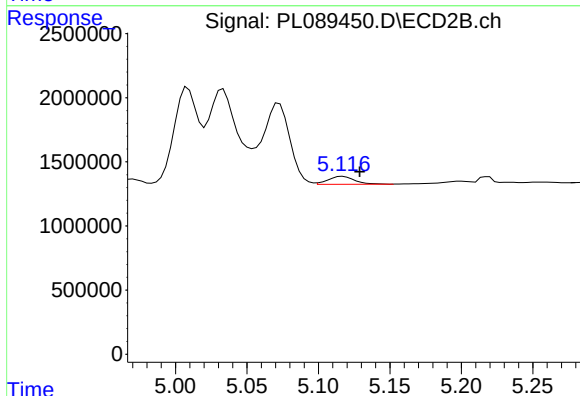
R.T.: 0.000 min
Exp R.T. : 4.758 min
Response: 0
Conc: N.D.



#9 Endosulfan I

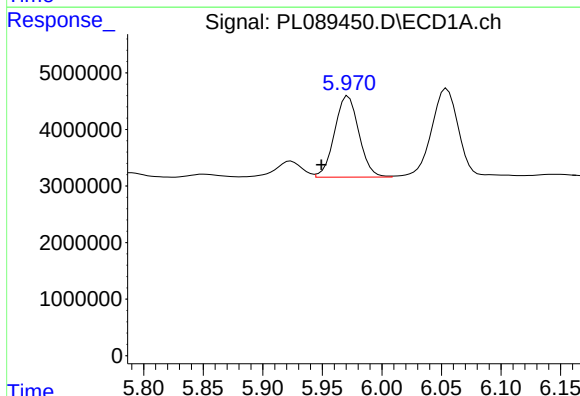
R.T.: 6.055 min
Delta R.T.: -0.025 min
Response: 24871362
Conc: 11.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



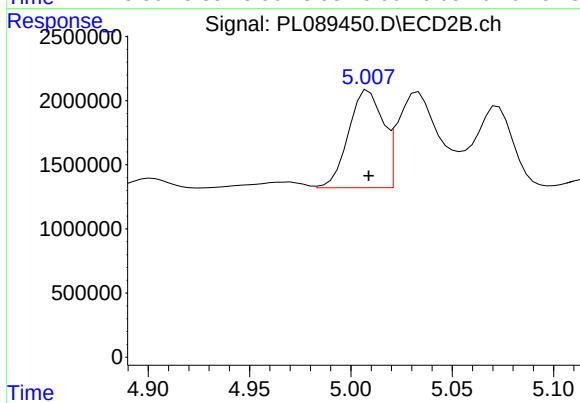
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: -0.012 min
Response: 789442
Conc: 0.53 ng/ml



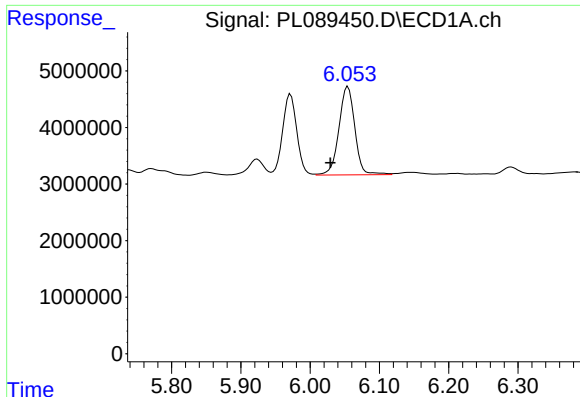
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.022 min
Response: 20426768
Conc: 8.94 ng/ml



#10 gamma-Chlordane

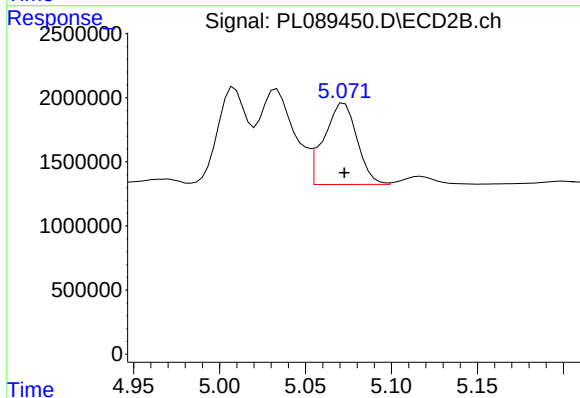
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 8943734
Conc: 5.45 ng/ml



#11 alpha-Chlordane

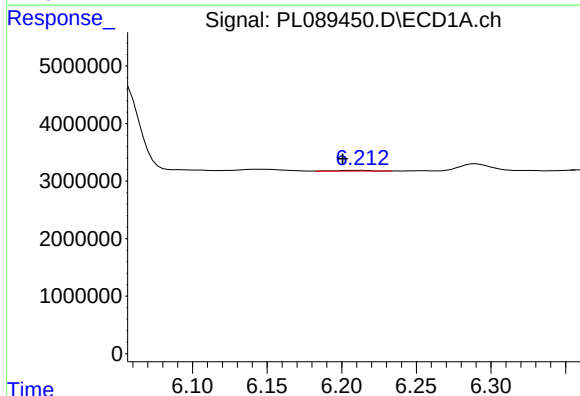
R.T.: 6.055 min
Delta R.T.: 0.026 min
Response: 24871362
Conc: 10.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



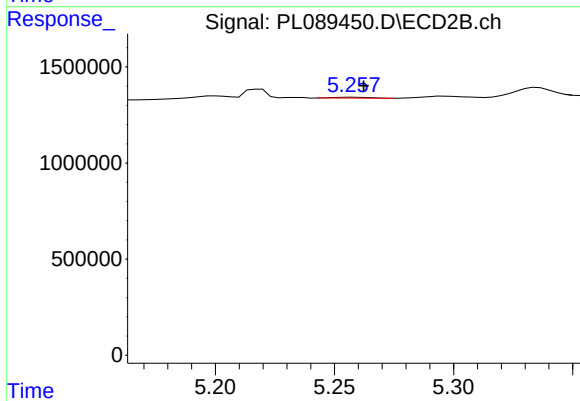
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 8524371
Conc: 5.17 ng/ml



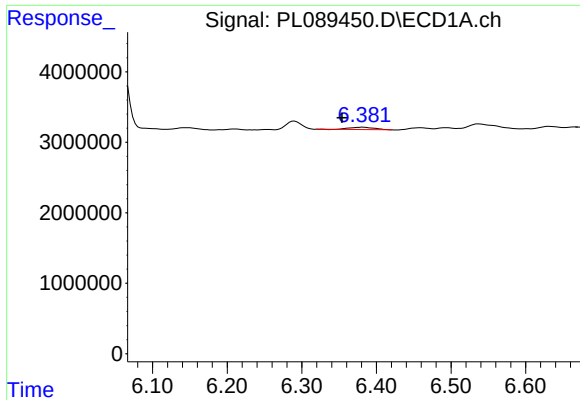
#12 4,4'-DDE

R.T.: 6.213 min
Delta R.T.: 0.012 min
Response: 210735
Conc: 0.10 ng/ml



#12 4,4'-DDE

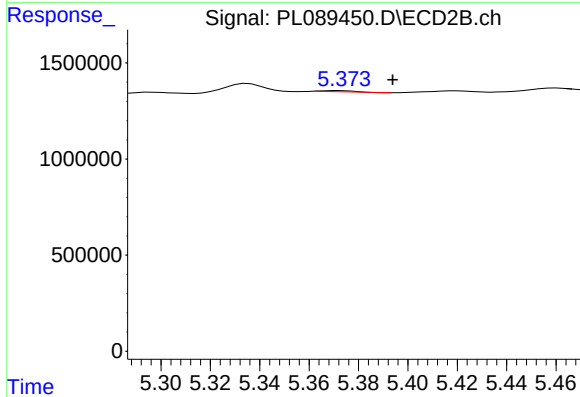
R.T.: 5.258 min
Delta R.T.: -0.004 min
Response: 47445
Conc: 0.03 ng/ml



#13 Dieldrin

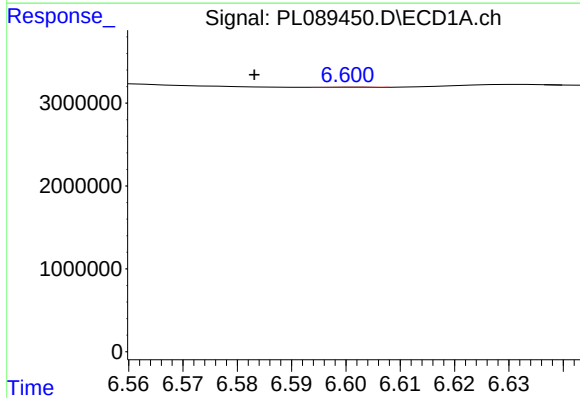
R.T.: 6.382 min
Delta R.T.: 0.028 min
Response: 722693
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



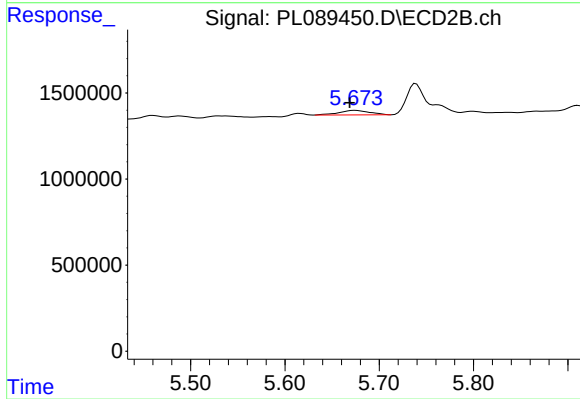
#13 Dieldrin

R.T.: 5.372 min
Delta R.T.: -0.022 min
Response: 53559
Conc: 0.03 ng/ml



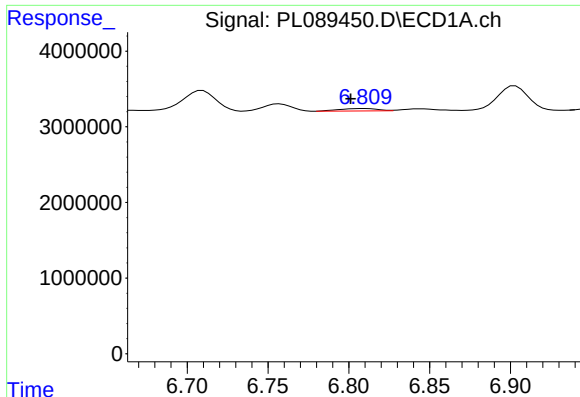
#14 Endrin

R.T.: 6.601 min
Delta R.T.: 0.018 min
Response: 14880
Conc: 0.01 ng/ml



#14 Endrin

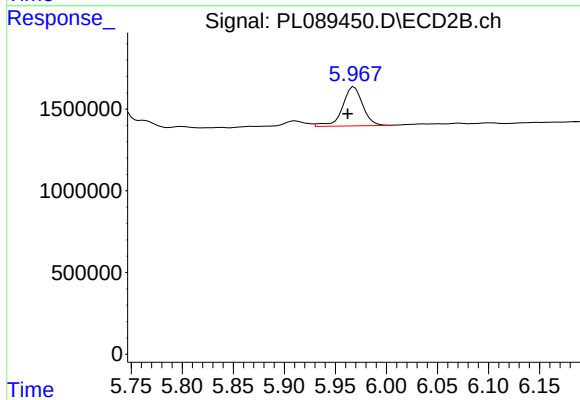
R.T.: 5.674 min
Delta R.T.: 0.005 min
Response: 599510
Conc: 0.42 ng/ml



#15 Endosulfan II

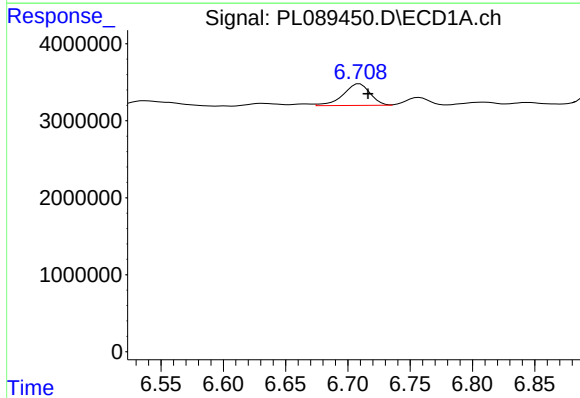
R.T.: 6.810 min
Delta R.T.: 0.008 min
Response: 530153
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



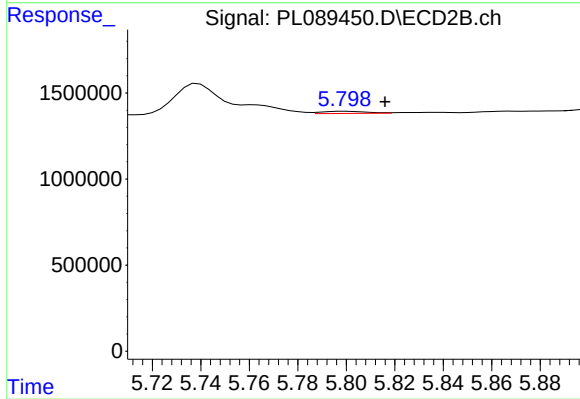
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.006 min
Response: 3292678
Conc: 2.29 ng/ml



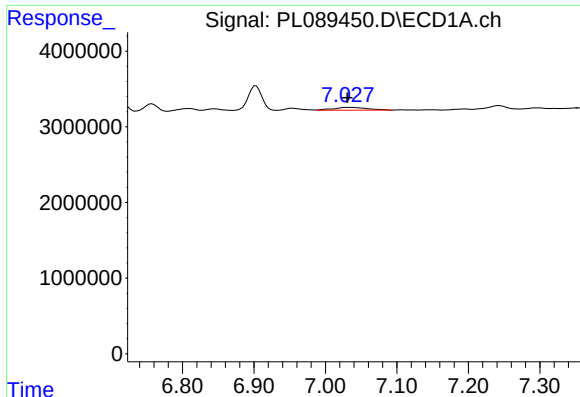
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.007 min
Response: 4213711
Conc: 2.50 ng/ml



#16 4,4'-DDD

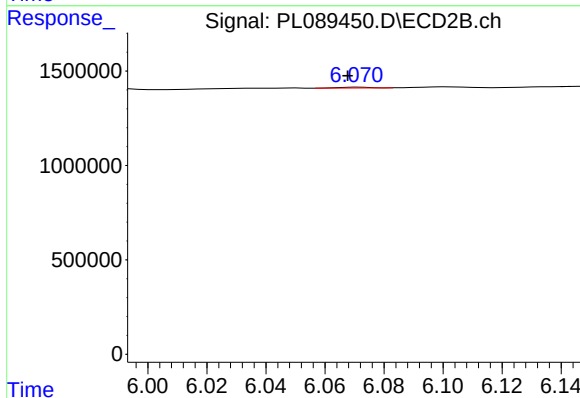
R.T.: 5.800 min
Delta R.T.: -0.016 min
Response: 156132
Conc: 0.13 ng/ml



#17 4,4'-DDT

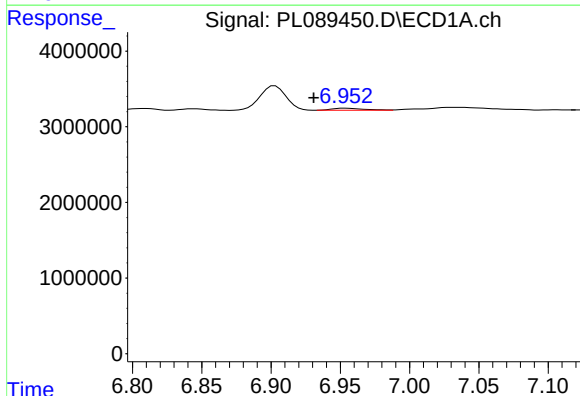
R.T.: 7.035 min
Delta R.T.: 0.004 min
Response: 1213477
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



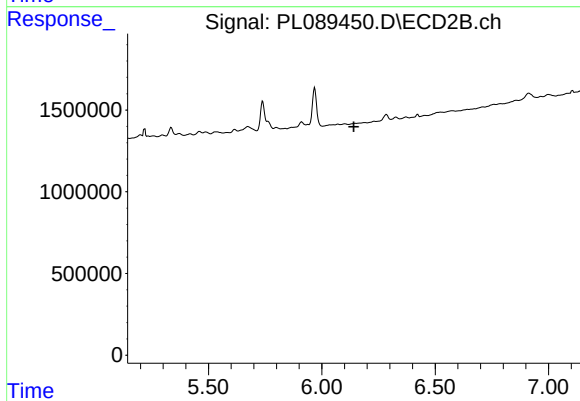
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: 0.004 min
Response: 34118
Conc: 0.03 ng/ml



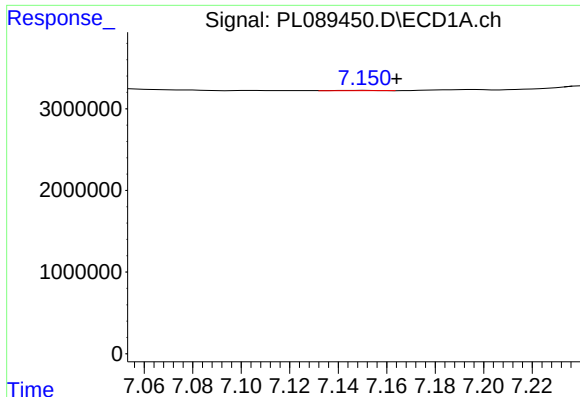
#18 Endrin aldehyde

R.T.: 6.954 min
Delta R.T.: 0.023 min
Response: 421080
Conc: 0.28 ng/ml



#18 Endrin aldehyde

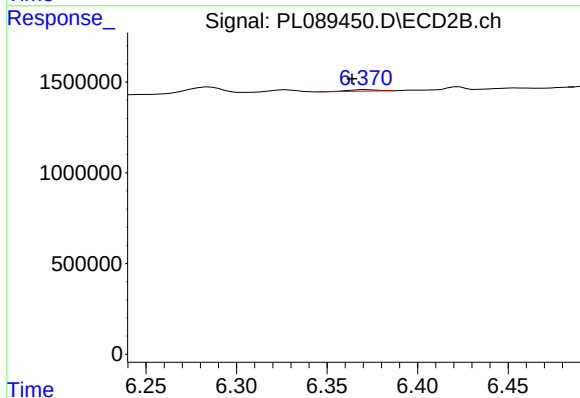
R.T.: 0.000 min
Exp R.T. : 6.142 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

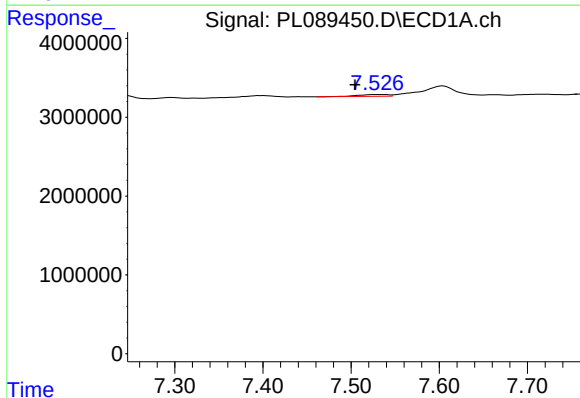
R.T.: 7.151 min
Delta R.T.: -0.013 min
Response: 42356
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



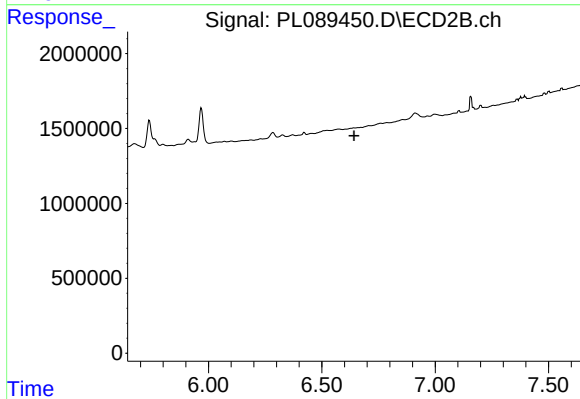
#19 Endosulfan Sulfate

R.T.: 6.372 min
Delta R.T.: 0.008 min
Response: 90557
Conc: 0.07 ng/ml



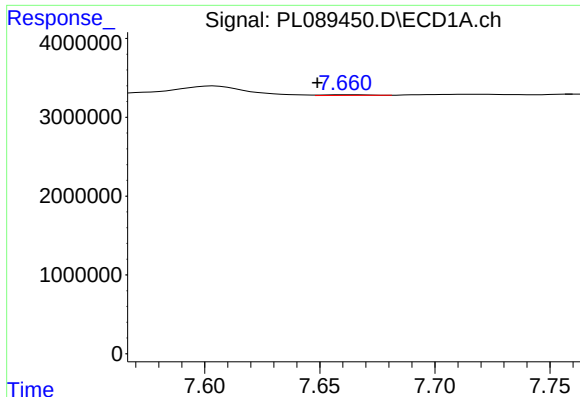
#20 Methoxychlor

R.T.: 7.528 min
Delta R.T.: 0.023 min
Response: 558789
Conc: 0.57 ng/ml



#20 Methoxychlor

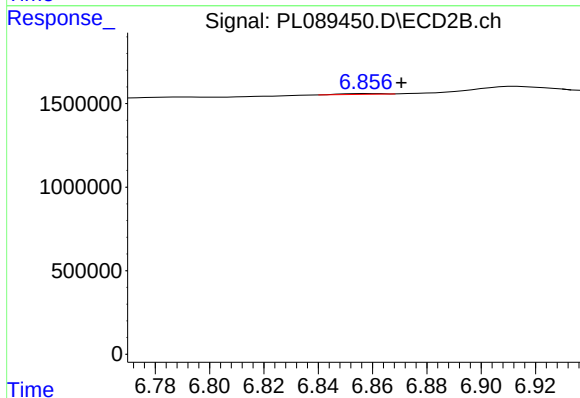
R.T.: 0.000 min
Exp R.T.: 6.642 min
Response: 0
Conc: N.D.



#21 Endrin ketone

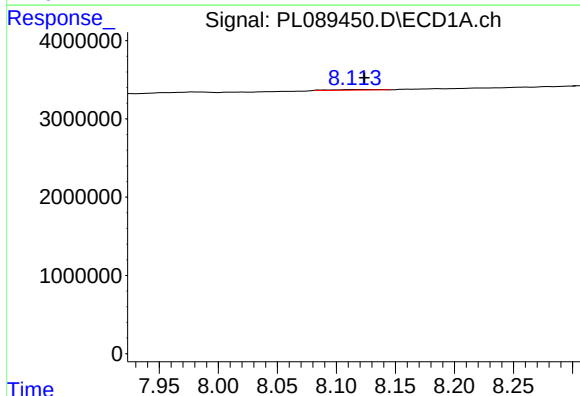
R.T.: 7.661 min
Delta R.T.: 0.012 min
Response: 108007
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



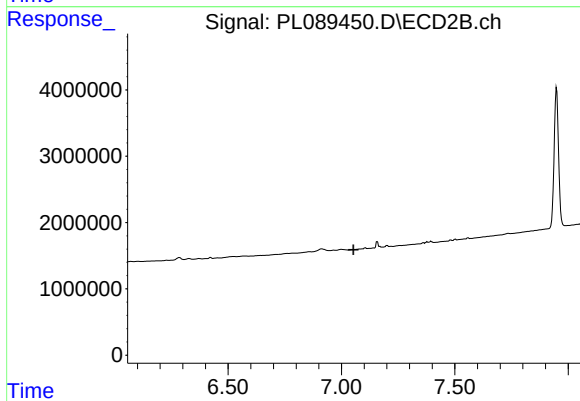
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: -0.012 min
Response: 44497
Conc: 0.03 ng/ml



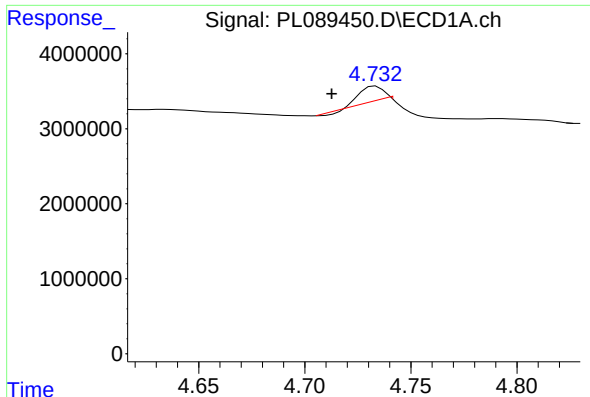
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.009 min
Response: 193437
Conc: 0.12 ng/ml



#22 Mirex

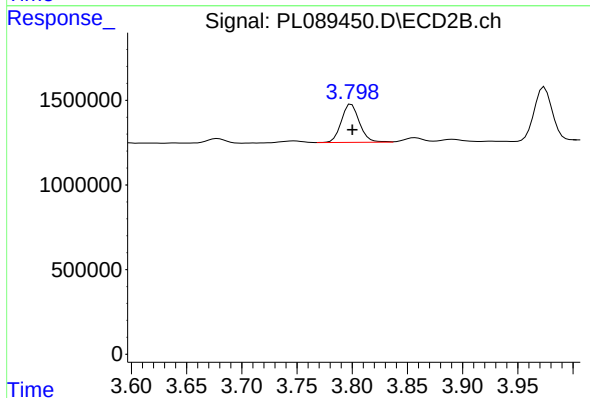
R.T.: 0.000 min
Exp R.T. : 7.054 min
Response: 0
Conc: N.D.



#23 Chlordane-1

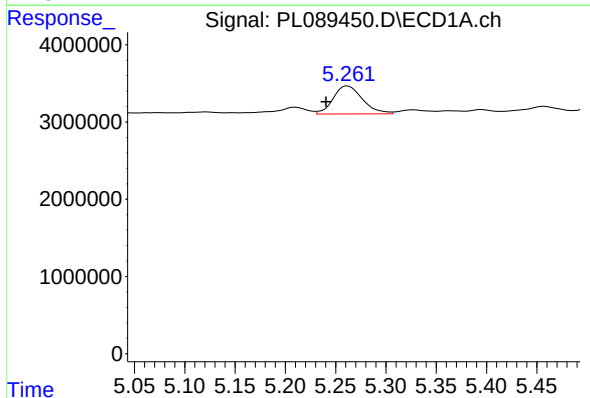
R.T.: 4.733 min
Delta R.T.: 0.021 min
Response: 1374294
Conc: 15.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



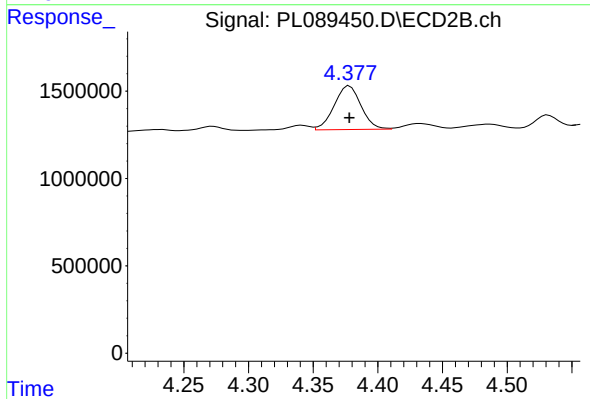
#23 Chlordane-1

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 2579428
Conc: 52.43 ng/ml



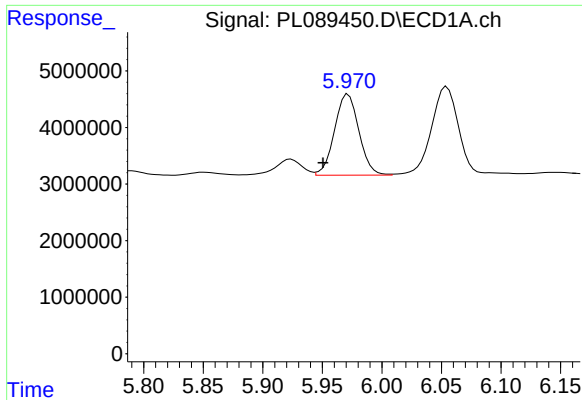
#24 Chlordane-2

R.T.: 5.262 min
Delta R.T.: 0.022 min
Response: 7379801
Conc: 70.22 ng/ml



#24 Chlordane-2

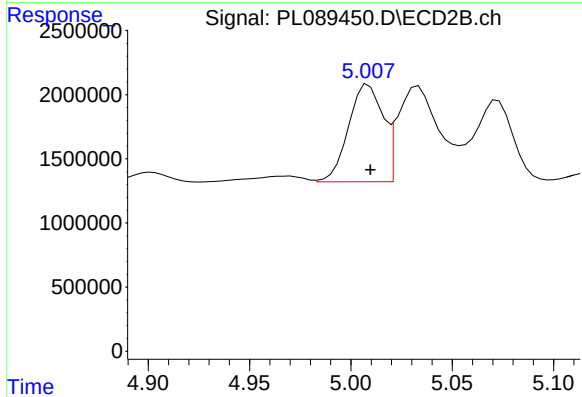
R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 3610996
Conc: 56.76 ng/ml



#25 Chlordane-3

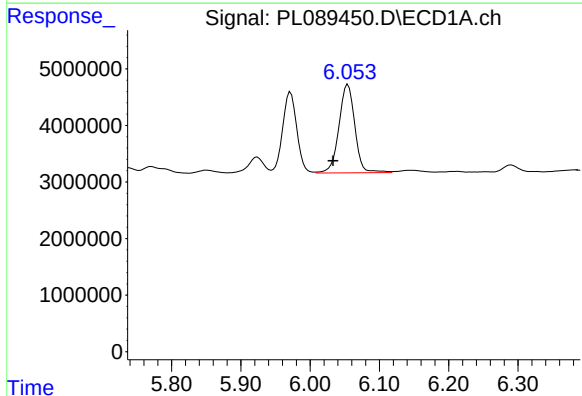
R.T.: 5.972 min
Delta R.T.: 0.021 min
Response: 20426768
Conc: 61.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



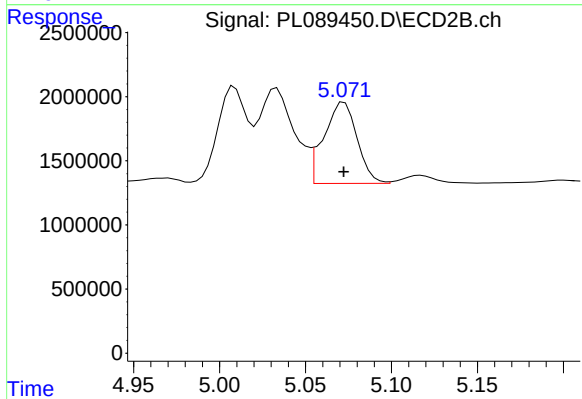
#25 Chlordane-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 8943734
Conc: 52.24 ng/ml



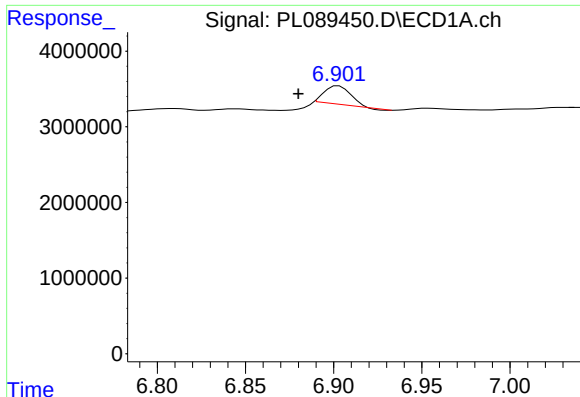
#26 Chlordane-4

R.T.: 6.055 min
Delta R.T.: 0.022 min
Response: 24871362
Conc: 61.02 ng/ml



#26 Chlordane-4

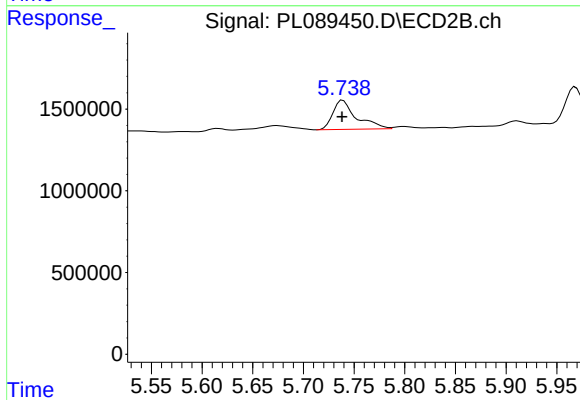
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 8524371
Conc: 53.00 ng/ml



#27 Chlordane-5

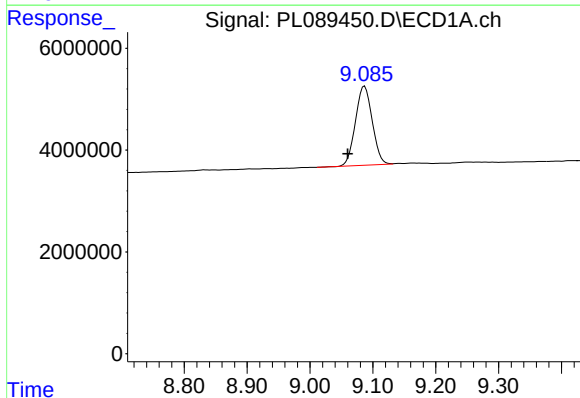
R.T.: 6.903 min
Delta R.T.: 0.023 min
Response: 2459529
Conc: 29.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024



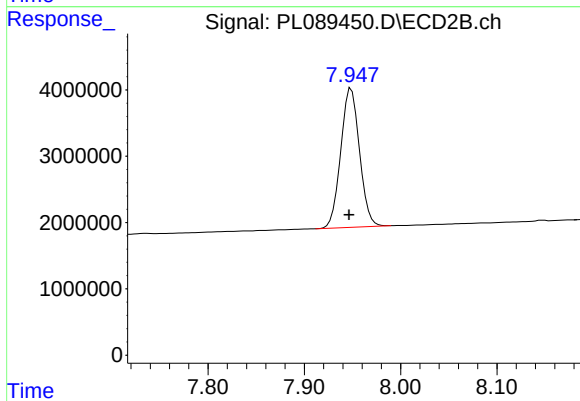
#27 Chlordane-5

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 2879229
Conc: 56.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.027 min
Response: 28828316
Conc: 20.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 28268923
Conc: 21.01 ng/ml