

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
 Data File : PL089153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2024 14:33
 Operator : AR\AJ
 Sample : P2228-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EXCAVATION-SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 01:14:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 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...	3.551	2.798	63773635	27546939	30.006	20.667 #
28)	SA Decachlor...	9.063	7.949	25748056	24023190	20.214	17.940
Target Compounds							
2)	A alpha-BHC	4.029f	3.298	12676252	140904	4.240	0.071 #
3)	MA gamma-BHC...	4.346	3.640	13464094	2845994	4.667	1.479 #
4)	MA Heptachlor	4.947f	0.000	1105968	0	0.444	N.D. #
5)	MB Aldrin	5.260	4.269	10678605	2276127	4.114	1.241 #
6)	B beta-BHC	4.553f	3.943	11010076	5691654	8.205	6.810
7)	B delta-BHC	4.779	4.156	5869030	2962891	2.195	1.623 #
8)	B Heptachlo...	5.689	4.757	14473005	210128	6.134	0.127 #
9)	A Endosulfan I	6.064f	5.158f	6006524	7501536	2.747	4.991 #
10)	B gamma-Chl...	5.972f	4.989f	12856222	9043077	5.593	5.513
11)	B alpha-Chl...	6.020	5.063	8037447	5999755	3.511	3.628
12)	B 4,4'-DDE	6.191	0.000	4051072	0	2.016	N.D. #
13)	MA Dieldrin	6.355	5.398	5324997	17113043	2.361	10.469 #
14)	MA Endrin	6.582	5.674	16537839	1151968	8.800	0.793 #
15)	B Endosulfa...	6.793	5.953	2192480	7593806	1.138	5.312 #
16)	A 4,4'-DDD	6.728	0.000	13250241	0	8.220	N.D. #
17)	MA 4,4'-DDT	7.035	6.064	7947548	13259200	4.361	10.116 #
18)	B Endrin al...	6.941	6.161f	5291829	578117	3.616	0.526 #
19)	B Endosulfa...	7.149f	6.392f	3939598	5972463	2.295	4.418 #
20)	A Methoxychlor	0.000	6.618f	0	450776	N.D.	0.603 #
21)	B Endrin ke...	7.670f	0.000	4023561	0	2.086	N.D. #
22)	Mirex	8.129	0.000	875973	0	0.596	N.D. #
23)	Chlordane-1	4.722	3.801	5572199	1683840	61.339	32.802 #
24)	Chlordane-2	5.260f	4.395	10678605	469592	113.051	7.231 #
25)	Chlordane-3	5.972f	4.989f	12856222	9043077	39.888	52.359 #
26)	Chlordane-4	6.020	5.063	8037447	5999755	20.331	36.991 #
27)	Chlordane-5	6.909f	5.739	2980461	5854819	39.367	116.137 #

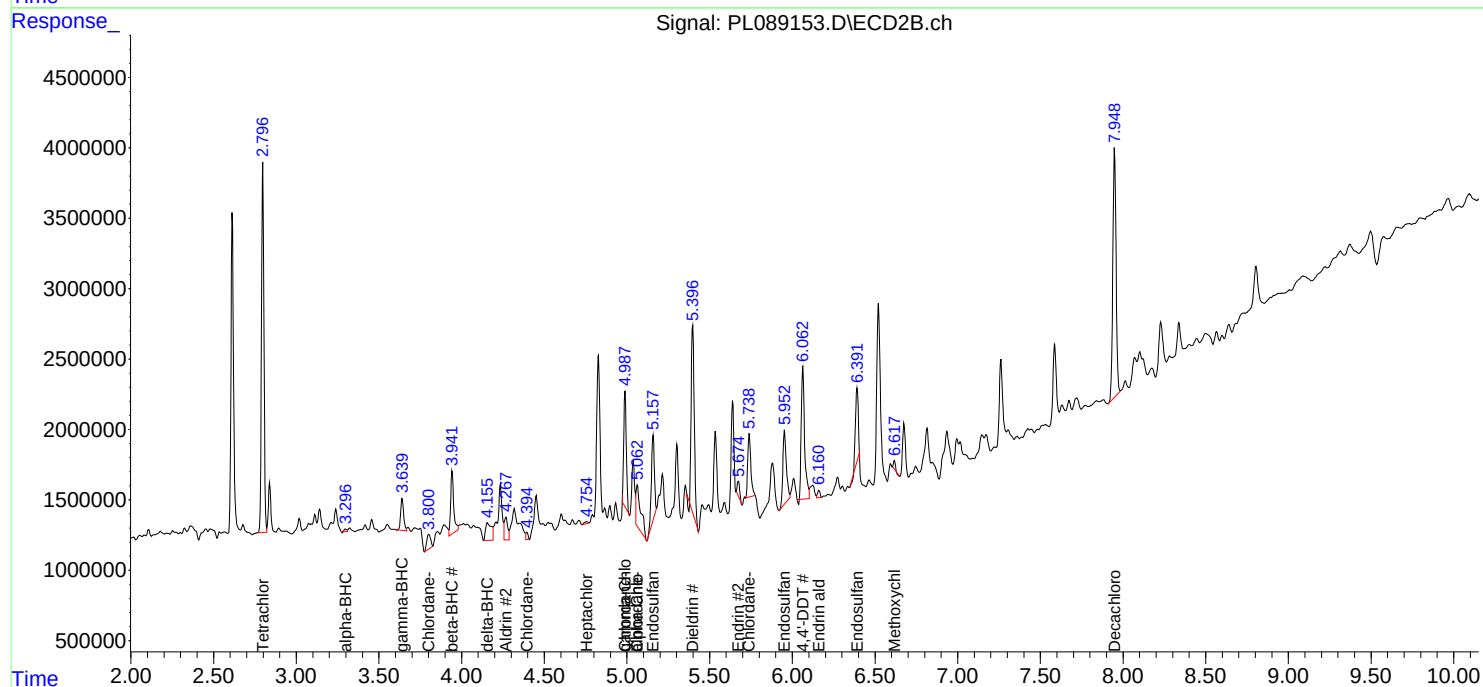
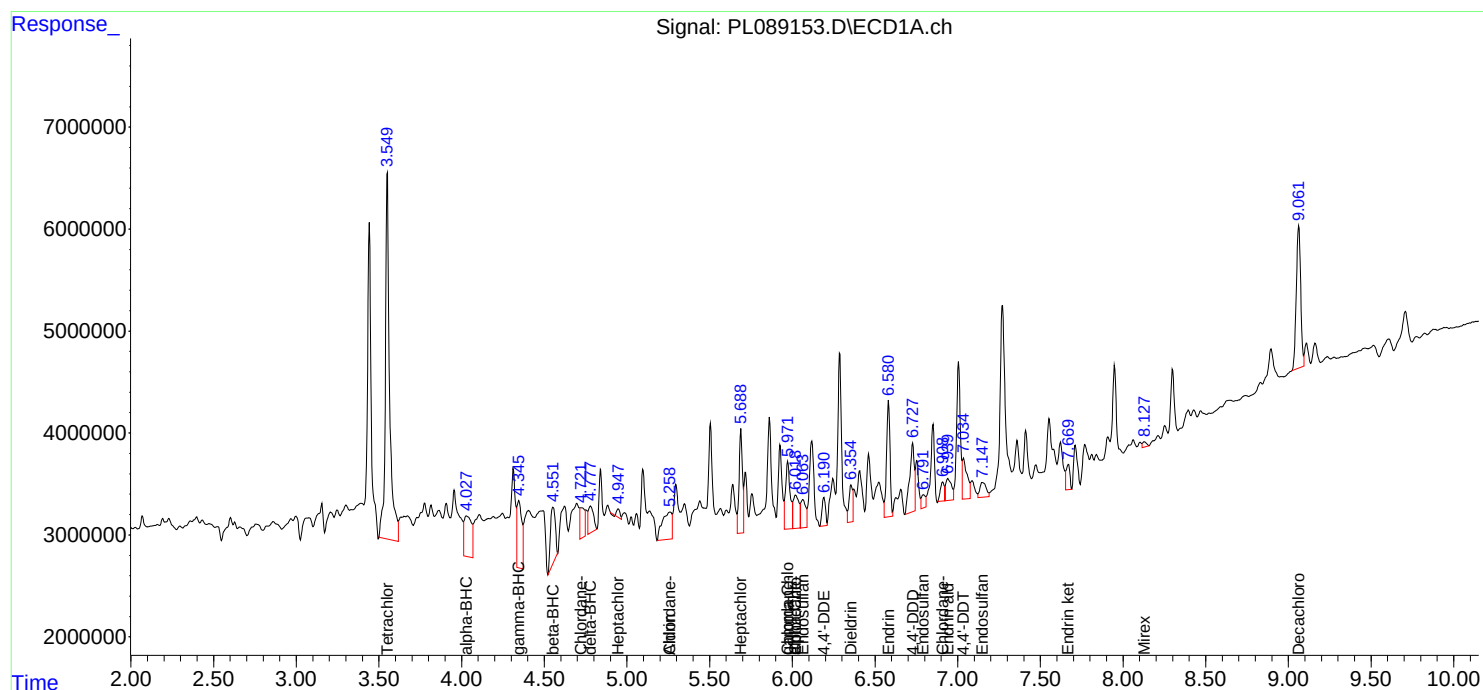
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

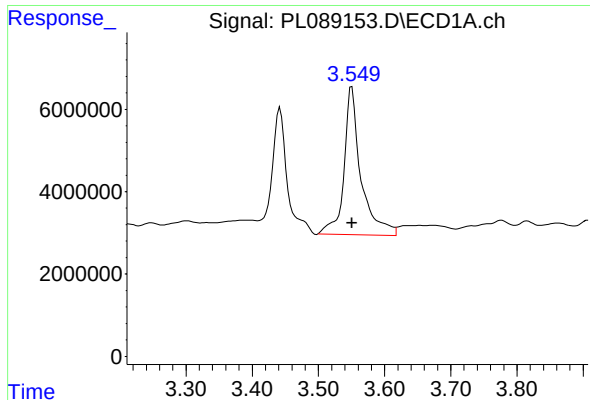
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
Data File : PL089153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2024 14:33
Operator : AR\AJ
Sample : P2228-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 01:14:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 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

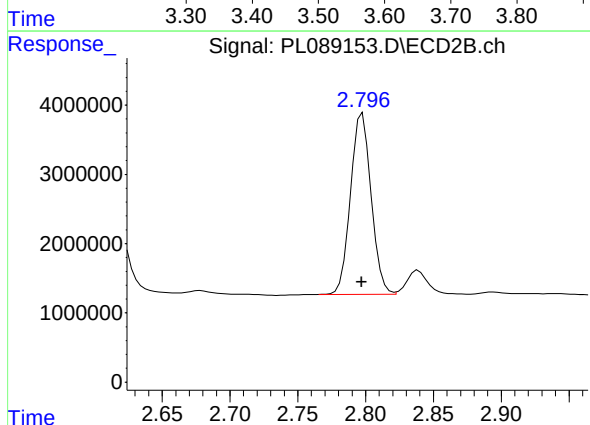




#1 Tetrachloro-m-xylene

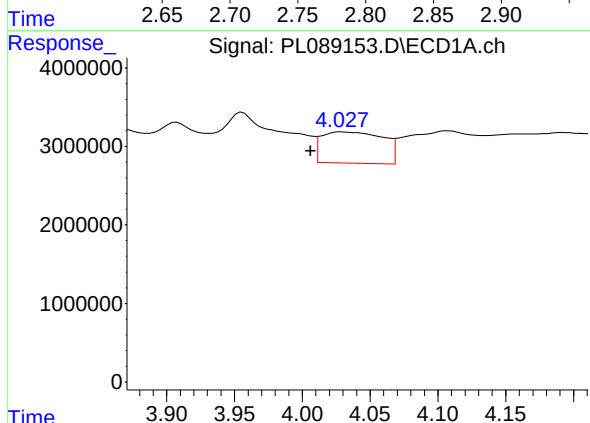
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 63773635
Conc: 30.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



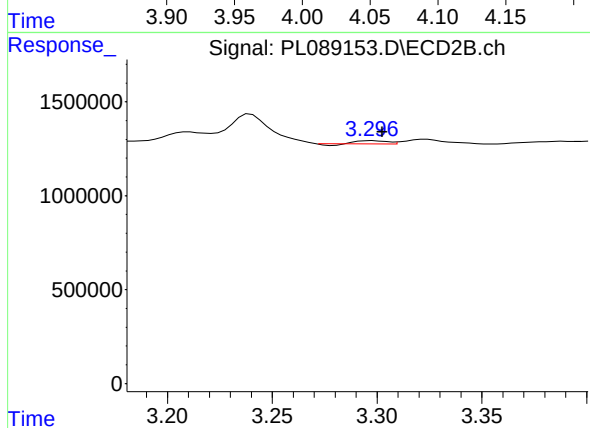
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 27546939
Conc: 20.67 ng/ml



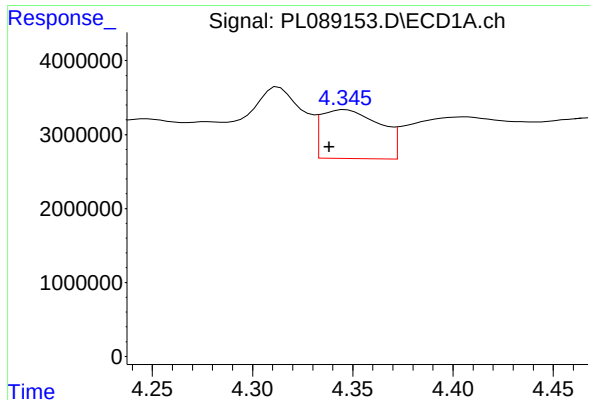
#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.022 min
Response: 12676252
Conc: 4.24 ng/ml



#2 alpha-BHC

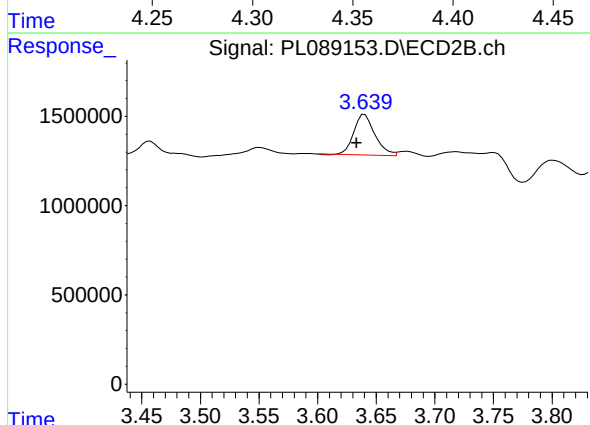
R.T.: 3.298 min
Delta R.T.: -0.005 min
Response: 140904
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

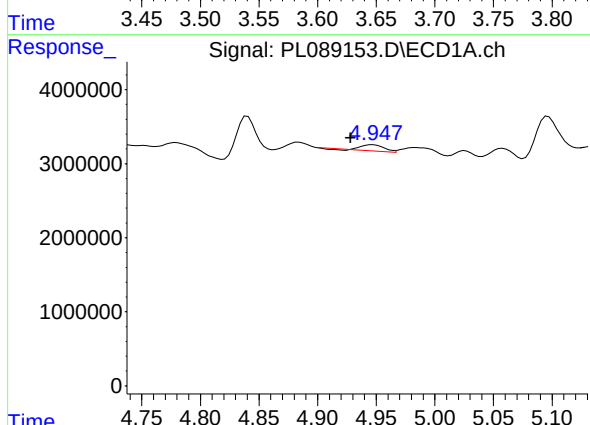
R.T.: 4.346 min
Delta R.T.: 0.008 min
Response: 13464094
Conc: 4.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



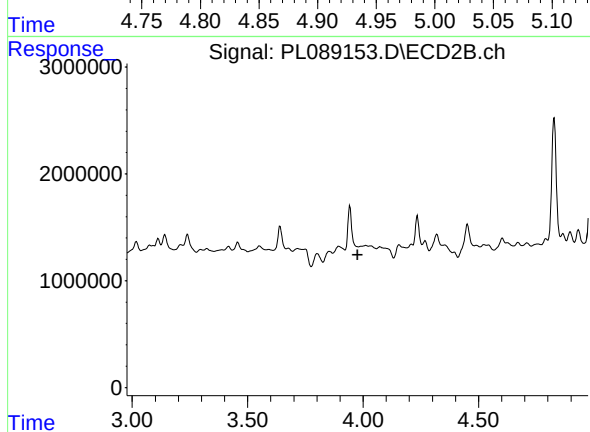
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.007 min
Response: 2845994
Conc: 1.48 ng/ml



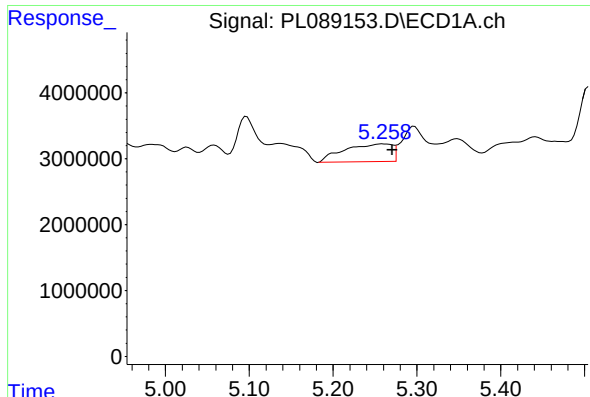
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.019 min
Response: 1105968
Conc: 0.44 ng/ml



#4 Heptachlor

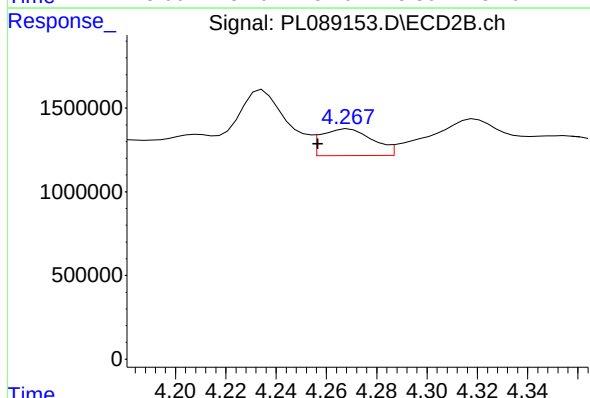
R.T.: 0.000 min
Exp R.T.: 3.976 min
Response: 0
Conc: N.D.



#5 Aldrin

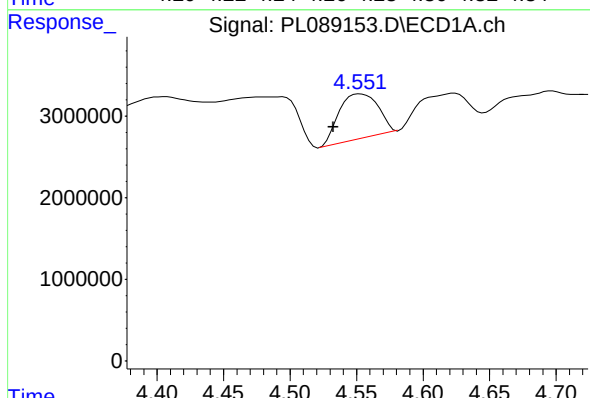
R.T.: 5.260 min
Delta R.T.: -0.011 min
Response: 10678605
Conc: 4.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



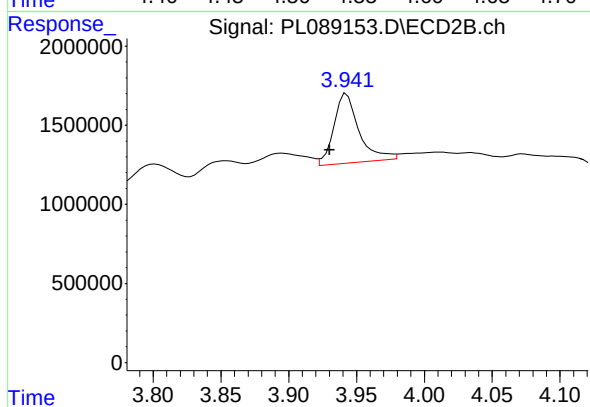
#5 Aldrin

R.T.: 4.269 min
Delta R.T.: 0.012 min
Response: 2276127
Conc: 1.24 ng/ml



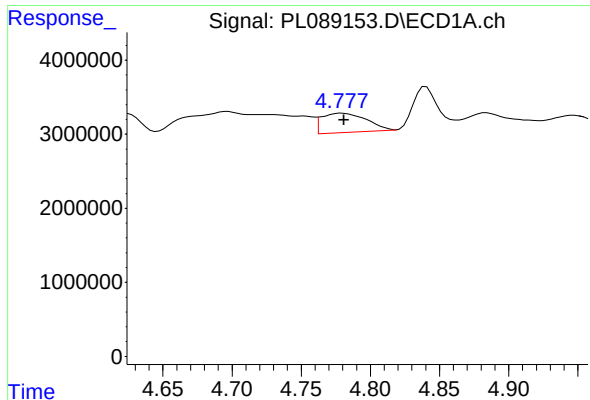
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.020 min
Response: 11010076
Conc: 8.20 ng/ml



#6 beta-BHC

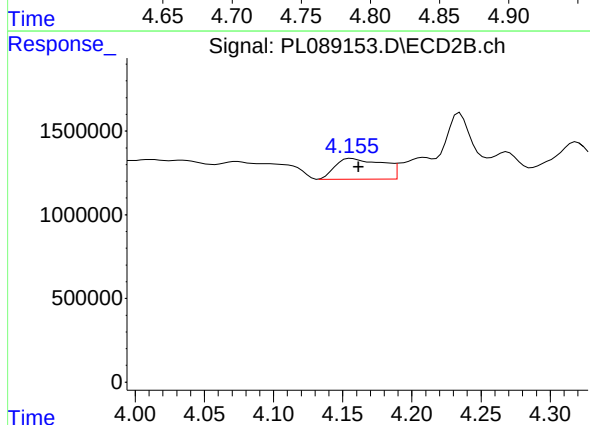
R.T.: 3.943 min
Delta R.T.: 0.013 min
Response: 5691654
Conc: 6.81 ng/ml



#7 delta-BHC

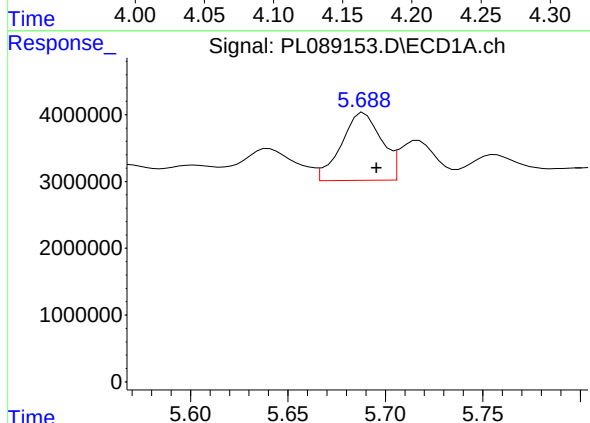
R.T.: 4.779 min
Delta R.T.: -0.002 min
Response: 5869030
Conc: 2.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



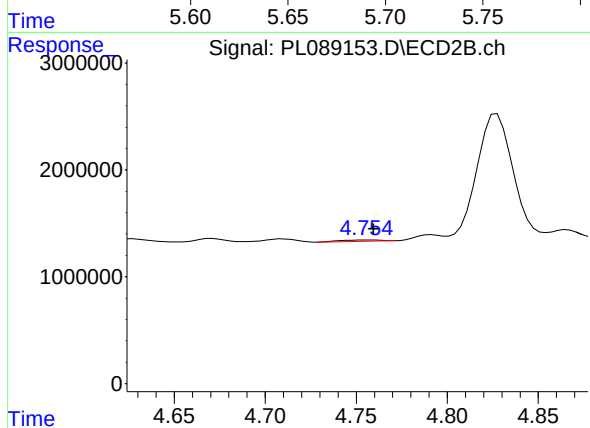
#7 delta-BHC

R.T.: 4.156 min
Delta R.T.: -0.006 min
Response: 2962891
Conc: 1.62 ng/ml



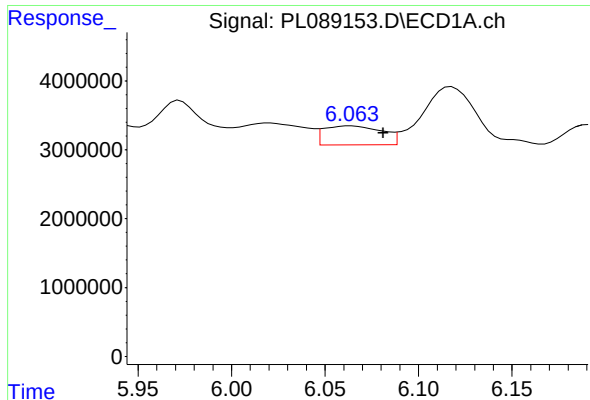
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 14473005
Conc: 6.13 ng/ml



#8 Heptachlor epoxide

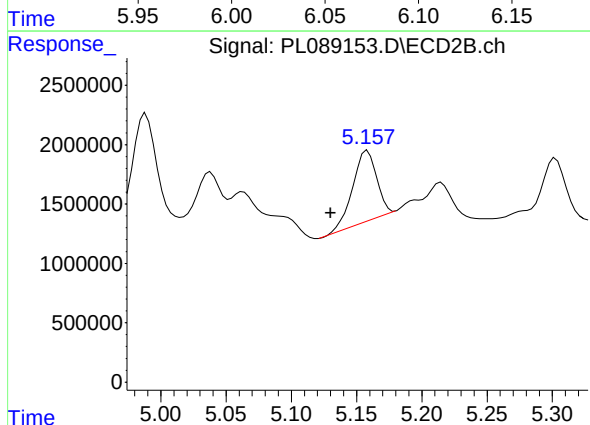
R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 210128
Conc: 0.13 ng/ml



#9 Endosulfan I

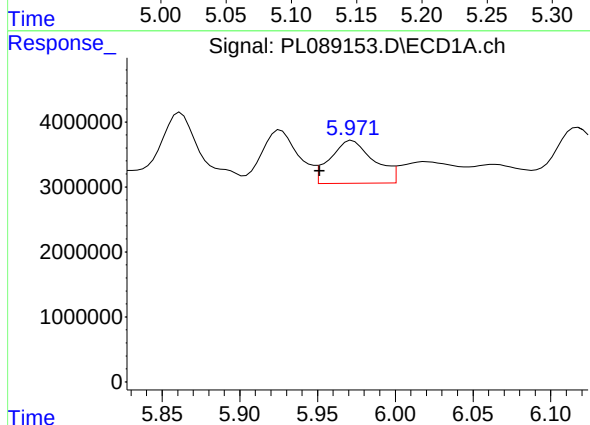
R.T.: 6.064 min
Delta R.T.: -0.017 min
Response: 6006524
Conc: 2.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



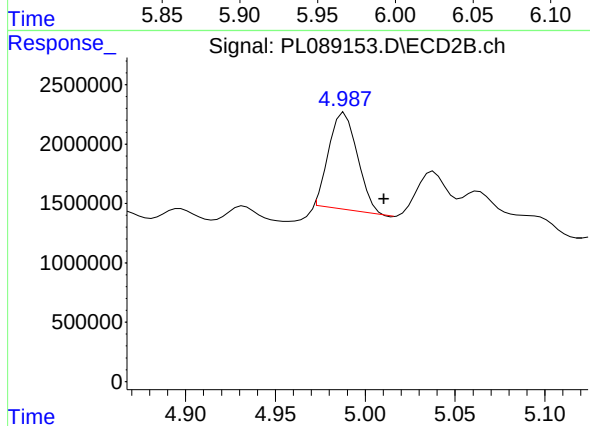
#9 Endosulfan I

R.T.: 5.158 min
Delta R.T.: 0.028 min
Response: 7501536
Conc: 4.99 ng/ml



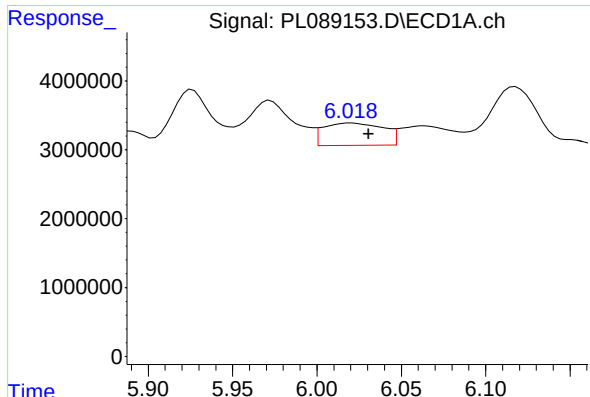
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.021 min
Response: 12856222
Conc: 5.59 ng/ml



#10 gamma-Chlordane

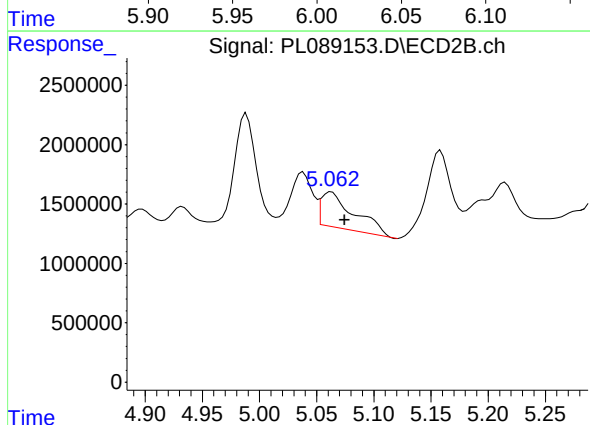
R.T.: 4.989 min
Delta R.T.: -0.022 min
Response: 9043077
Conc: 5.51 ng/ml



#11 alpha-Chlordane

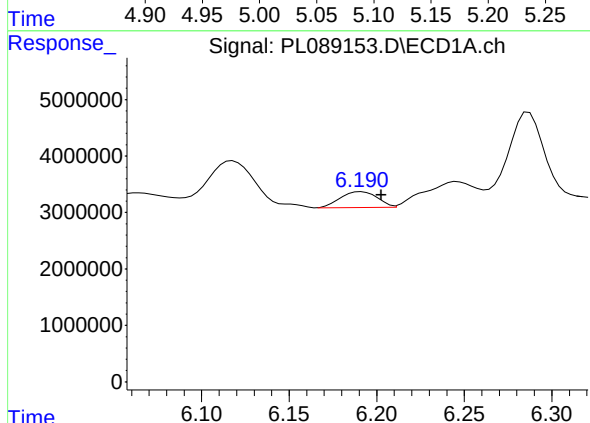
R.T.: 6.020 min
Delta R.T.: -0.011 min
Response: 8037447
Conc: 3.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



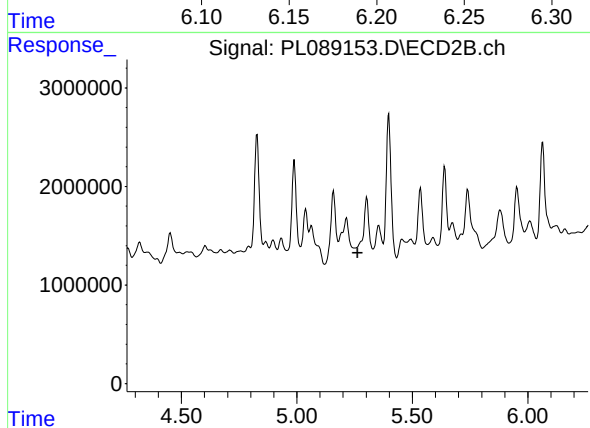
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: -0.012 min
Response: 5999755
Conc: 3.63 ng/ml



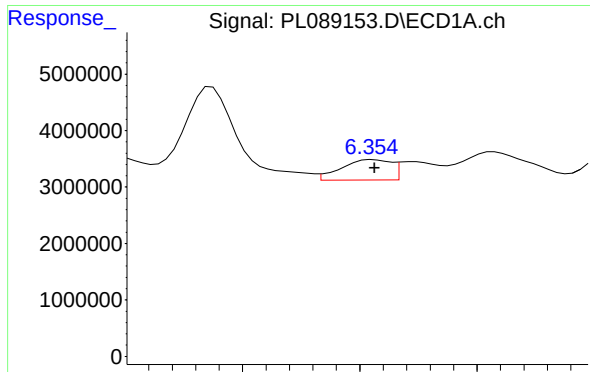
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.011 min
Response: 4051072
Conc: 2.02 ng/ml



#12 4,4'-DDE

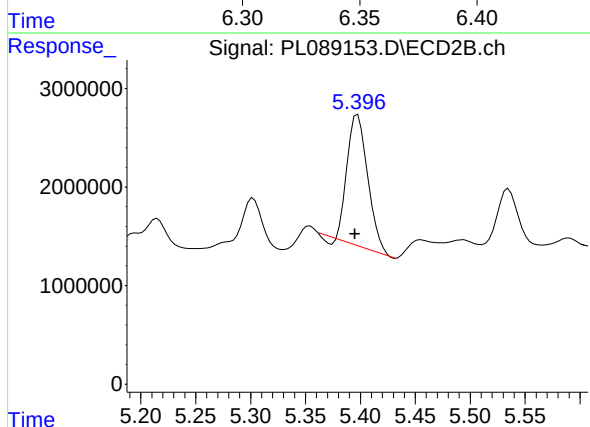
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.



#13 Dieldrin

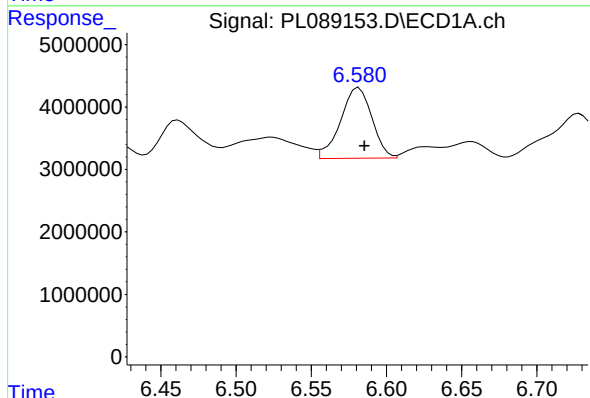
R.T.: 6.355 min
Delta R.T.: -0.001 min
Response: 5324997
Conc: 2.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



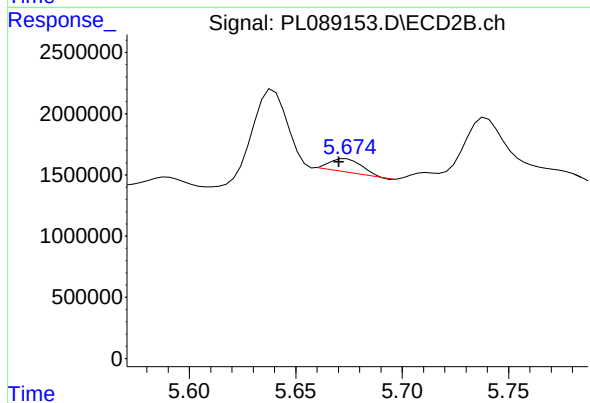
#13 Dieldrin

R.T.: 5.398 min
Delta R.T.: 0.002 min
Response: 17113043
Conc: 10.47 ng/ml



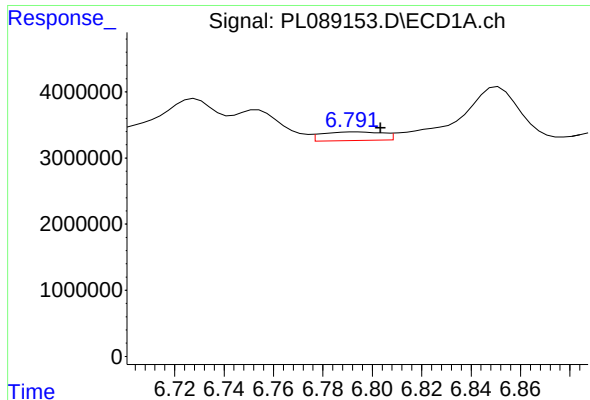
#14 Endrin

R.T.: 6.582 min
Delta R.T.: -0.004 min
Response: 16537839
Conc: 8.80 ng/ml



#14 Endrin

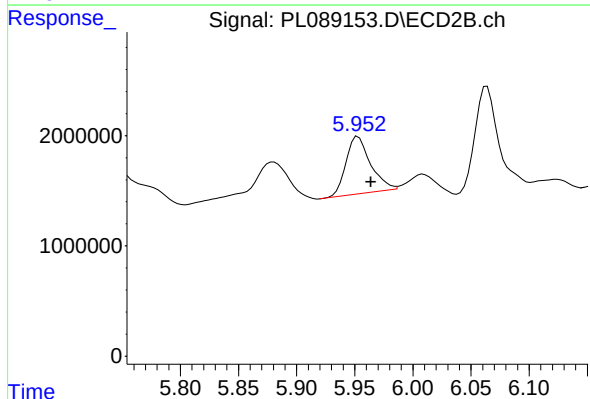
R.T.: 5.674 min
Delta R.T.: 0.003 min
Response: 1151968
Conc: 0.79 ng/ml



#15 Endosulfan II

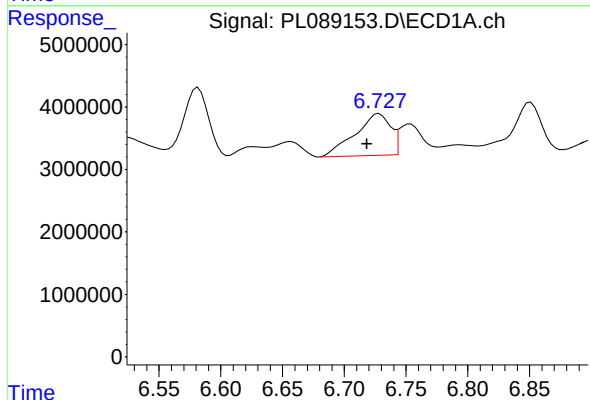
R.T.: 6.793 min
Delta R.T.: -0.010 min
Response: 2192480
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



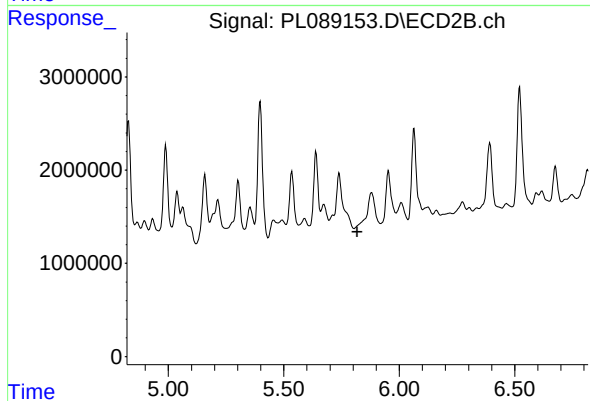
#15 Endosulfan II

R.T.: 5.953 min
Delta R.T.: -0.011 min
Response: 7593806
Conc: 5.31 ng/ml



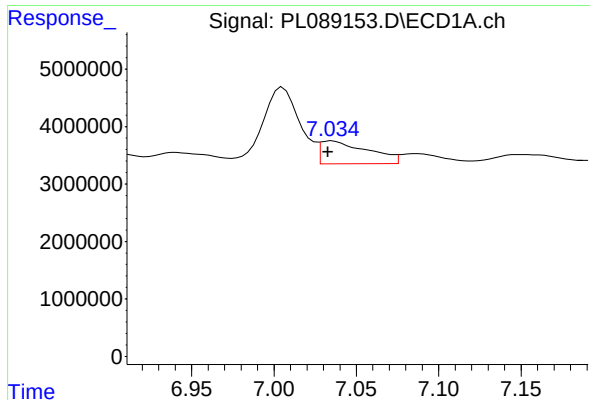
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.010 min
Response: 13250241
Conc: 8.22 ng/ml



#16 4,4'-DDD

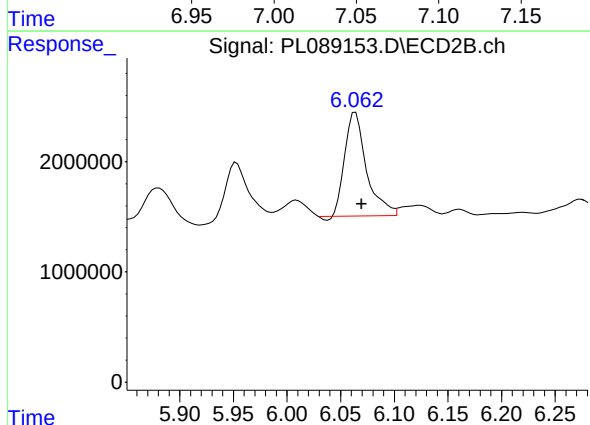
R.T.: 0.000 min
Exp R.T.: 5.818 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

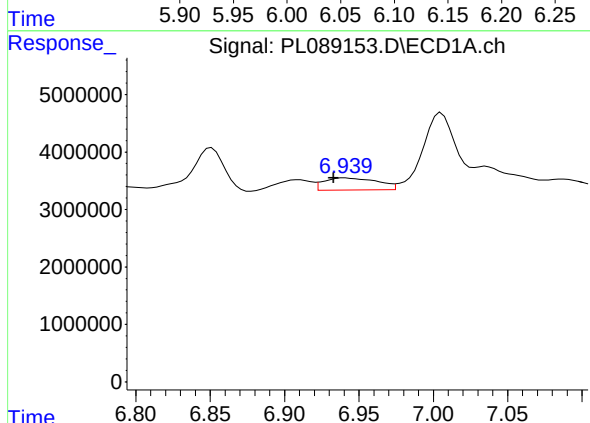
R.T.: 7.035 min
Delta R.T.: 0.003 min
Response: 7947548
Conc: 4.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



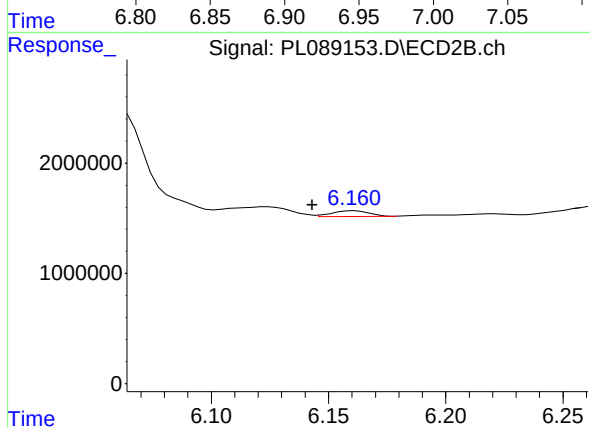
#17 4,4'-DDT

R.T.: 6.064 min
Delta R.T.: -0.006 min
Response: 13259200
Conc: 10.12 ng/ml



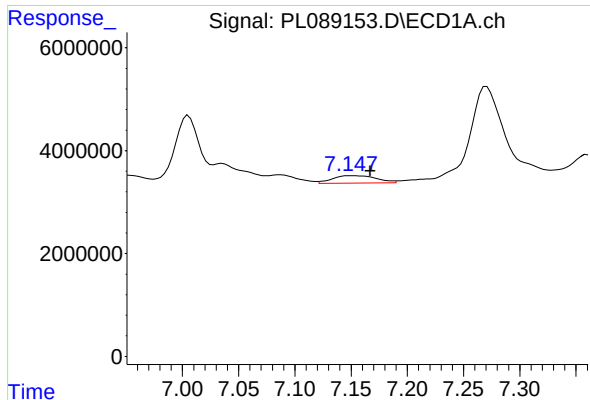
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.007 min
Response: 5291829
Conc: 3.62 ng/ml



#18 Endrin aldehyde

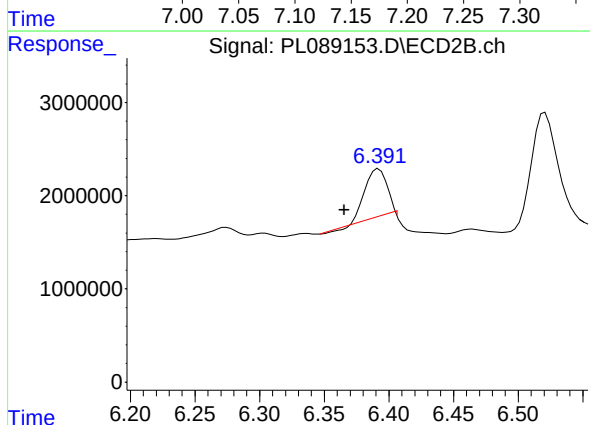
R.T.: 6.161 min
Delta R.T.: 0.018 min
Response: 578117
Conc: 0.53 ng/ml



#19 Endosulfan Sulfate

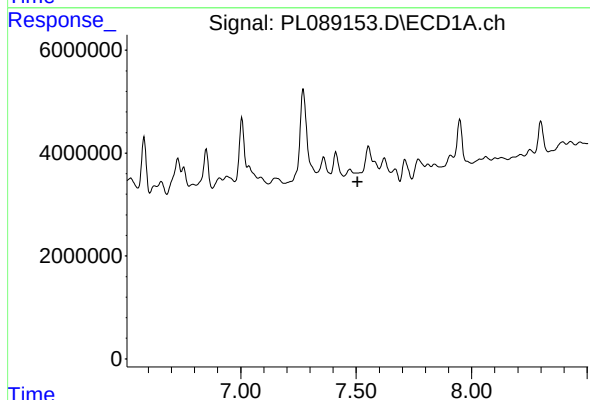
R.T.: 7.149 min
Delta R.T.: -0.018 min
Response: 3939598
Conc: 2.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



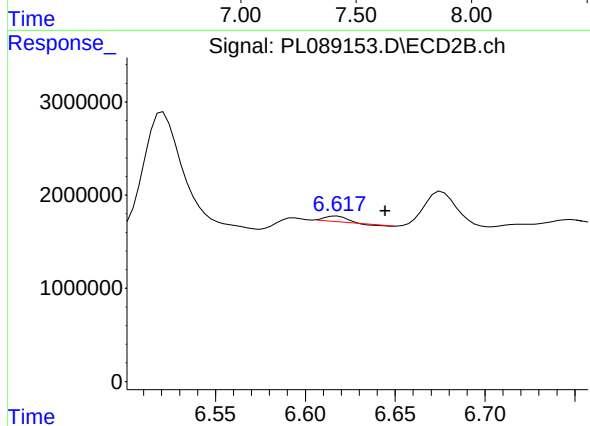
#19 Endosulfan Sulfate

R.T.: 6.392 min
Delta R.T.: 0.027 min
Response: 5972463
Conc: 4.42 ng/ml



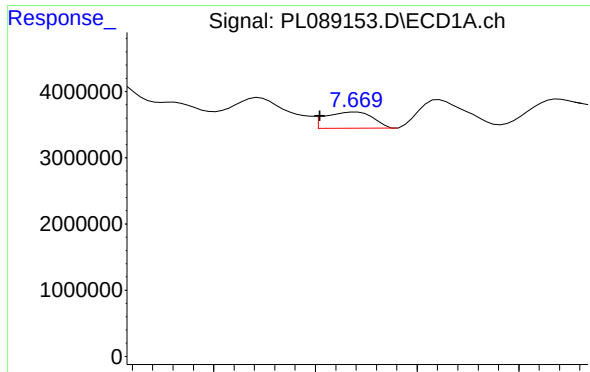
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 7.506 min
Response: 0
Conc: N.D.



#20 Methoxychlor

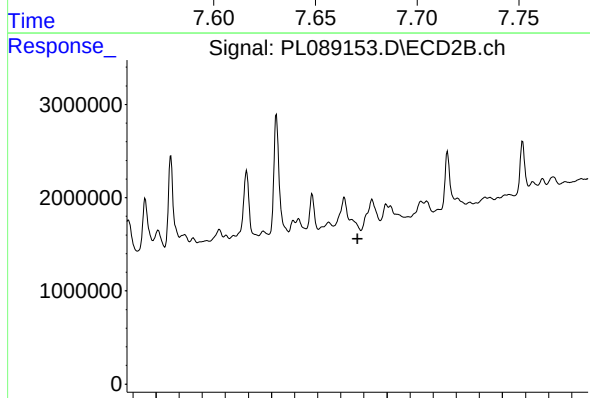
R.T.: 6.618 min
Delta R.T.: -0.027 min
Response: 450776
Conc: 0.60 ng/ml



#21 Endrin ketone

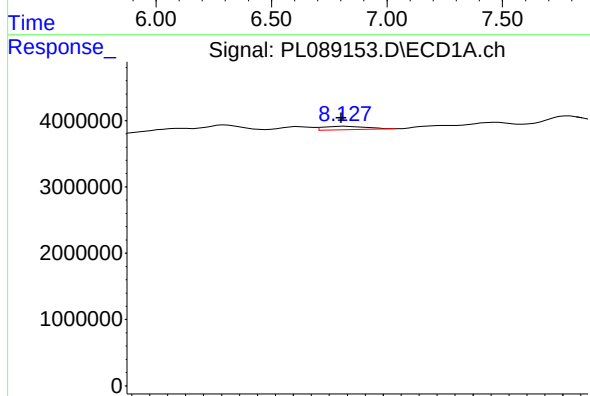
R.T.: 7.670 min
Delta R.T.: 0.017 min
Response: 4023561
Conc: 2.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



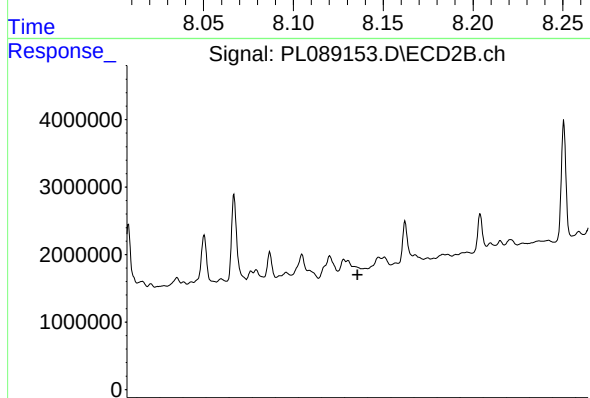
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.873 min
Response: 0
Conc: N.D.



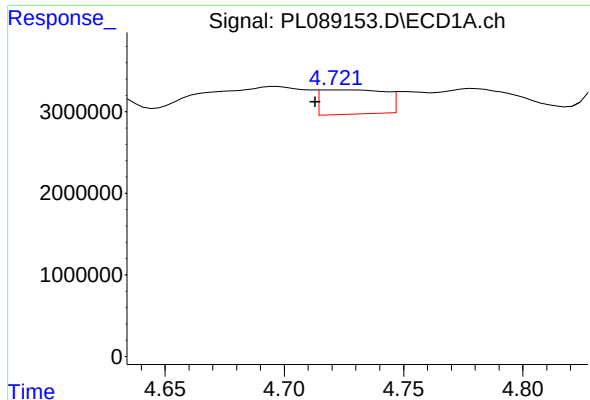
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.002 min
Response: 875973
Conc: 0.60 ng/ml



#22 Mirex

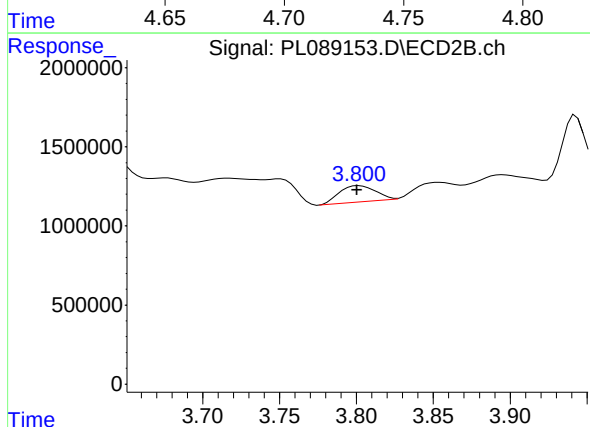
R.T.: 0.000 min
Exp R.T. : 7.056 min
Response: 0
Conc: N.D.



#23 Chlordane-1

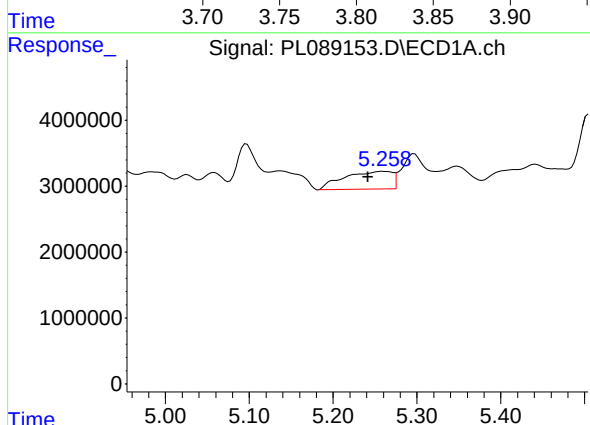
R.T.: 4.722 min
Delta R.T.: 0.009 min
Response: 5572199
Conc: 61.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



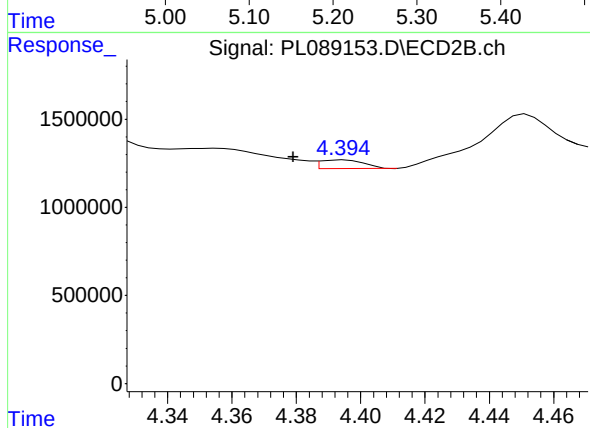
#23 Chlordane-1

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 1683840
Conc: 32.80 ng/ml



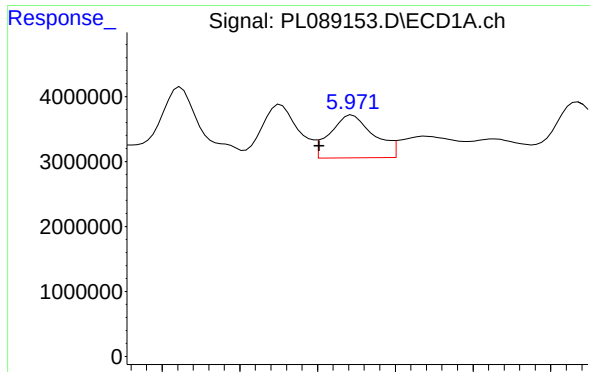
#24 Chlordane-2

R.T.: 5.260 min
Delta R.T.: 0.018 min
Response: 10678605
Conc: 113.05 ng/ml



#24 Chlordane-2

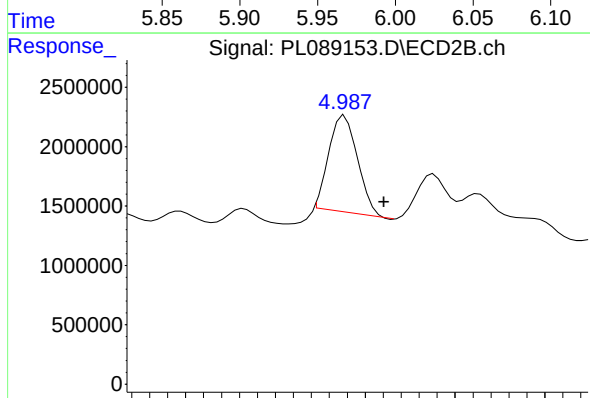
R.T.: 4.395 min
Delta R.T.: 0.016 min
Response: 469592
Conc: 7.23 ng/ml



#25 Chlordane-3

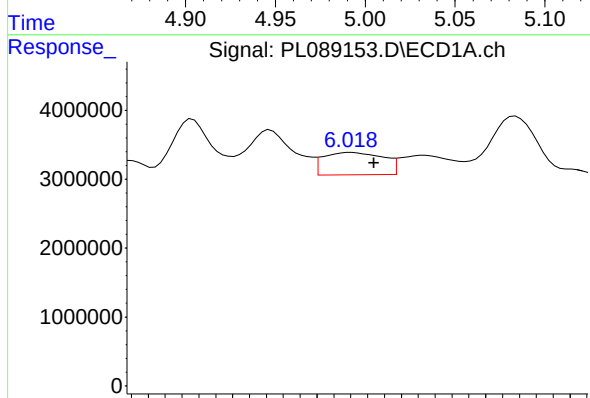
R.T.: 5.972 min
Delta R.T.: 0.021 min
Response: 12856222
Conc: 39.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



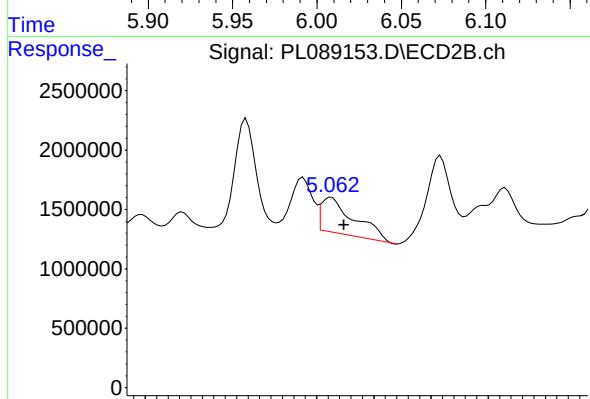
#25 Chlordane-3

R.T.: 4.989 min
Delta R.T.: -0.022 min
Response: 9043077
Conc: 52.36 ng/ml



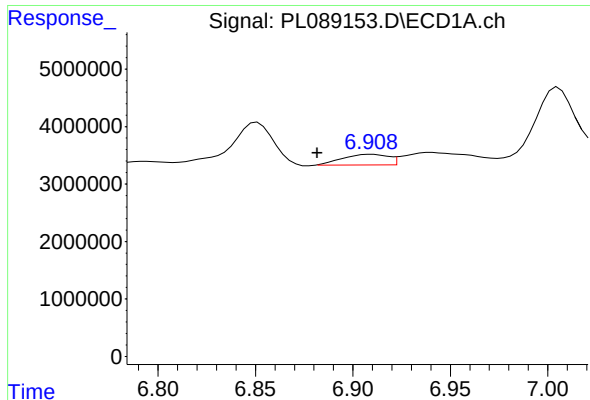
#26 Chlordane-4

R.T.: 6.020 min
Delta R.T.: -0.014 min
Response: 8037447
Conc: 20.33 ng/ml



#26 Chlordane-4

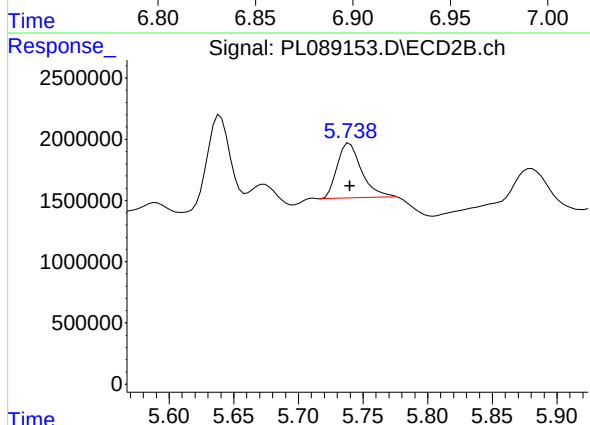
R.T.: 5.063 min
Delta R.T.: -0.011 min
Response: 5999755
Conc: 36.99 ng/ml



#27 Chlordane-5

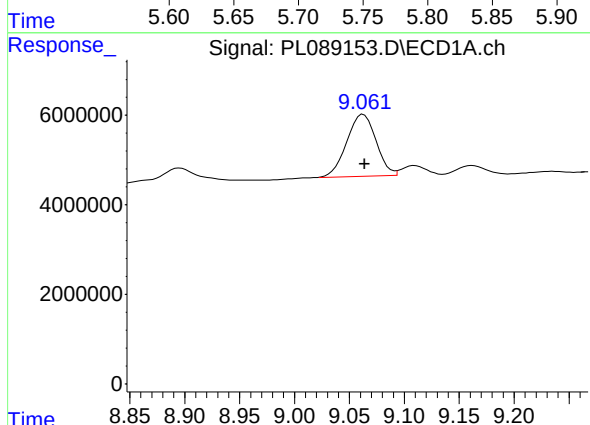
R.T.: 6.909 min
Delta R.T.: 0.028 min
Response: 2980461
Conc: 39.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOIL



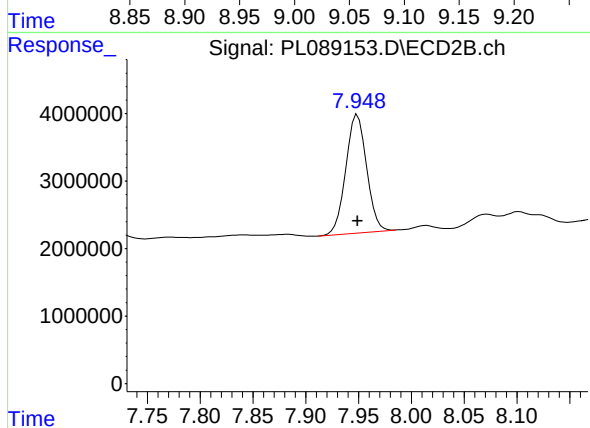
#27 Chlordane-5

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 5854819
Conc: 116.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 25748056
Conc: 20.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 24023190
Conc: 17.94 ng/ml