

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
 Data File : PD091125.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2025 19:31
 Operator : AR\AJ
 Sample : Q3599-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LIVINGSTON-SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 21:32:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	94195760	513.5E6	30.248	17.246 #
28)	SA Decachlor...	9.065	8.059	55909225	390.1E6	11.952	12.877
Target Compounds							
2)	A alpha-BHC	3.966f	3.375	779886	4956782	0.109	0.097
3)	MA gamma-BHC...	0.000	3.720	0	841493	N.D.	0.018 #
4)	MA Heptachlor	4.905f	4.069	3961197	11064527	0.709	0.248 #
5)	MB Aldrin	5.287f	4.354	170542	770059	0.026	0.017 #
6)	B beta-BHC	4.509	4.029	690614	17169239	0.264	0.866 #
7)	B delta-BHC	4.770	4.257	7285781	2950677	1.078	0.062 #
8)	B Heptachlo...	0.000	4.869	0	5066733	N.D.	0.119 #
9)	A Endosulfan I	0.000	5.264f	0	4347737	N.D.	0.110 #
10)	B gamma-Chl...	5.935	5.117	1202832	5125694	0.203	0.114 #
11)	B alpha-Chl...	6.021	5.179	2865891	10604687	0.464	0.246 #
12)	B 4,4'-DDE	6.188	5.366	581570	7623963	0.109	0.174 #
13)	MA Dieldrin	0.000	5.501	0	4830065	N.D.	0.109 #
14)	MA Endrin	0.000	5.785	0	28914922	N.D.	0.714 #
15)	B Endosulfa...	6.765f	6.087f	11676385	5113271	2.335	0.136 #
16)	A 4,4'-DDD	6.700	0.000	838431	0	0.207	N.D. #
17)	MA 4,4'-DDT	6.995f	6.175	4518503	15727295	1.099	0.448 #
18)	B Endrin al...	6.940f	6.259	2035742	13547444	0.556	0.489
20)	A Methoxychlor	7.455f	6.729f	1177954	4455131	0.554	0.256 #
21)	B Endrin ke...	7.615	6.960f	12444255	3908626	2.561	0.104 #
22)	Mirex	8.114	7.161	1573976	11775901	0.492	0.458
23)	Chlordane-1	0.000	3.881	0	9167302	N.D.	7.356 #
24)	Chlordane-2	5.216	4.445f	1332260	11148835	6.898	8.546
25)	Chlordane-3	5.935	5.117	1202832	5125694	1.577	1.317
26)	Chlordane-4	6.021	5.179	2865891	10604687	2.958	3.174
27)	Chlordane-5	6.860	6.087	138529	5113271	0.922	3.464 #

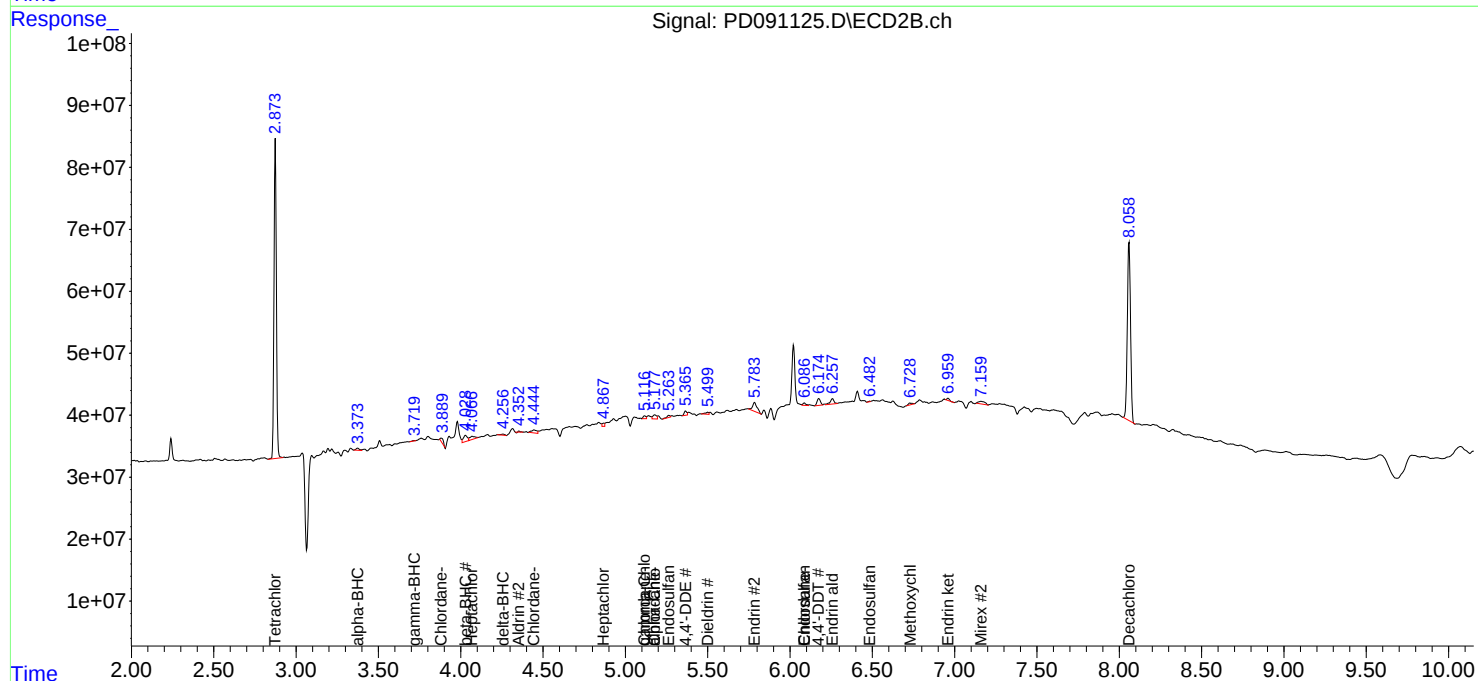
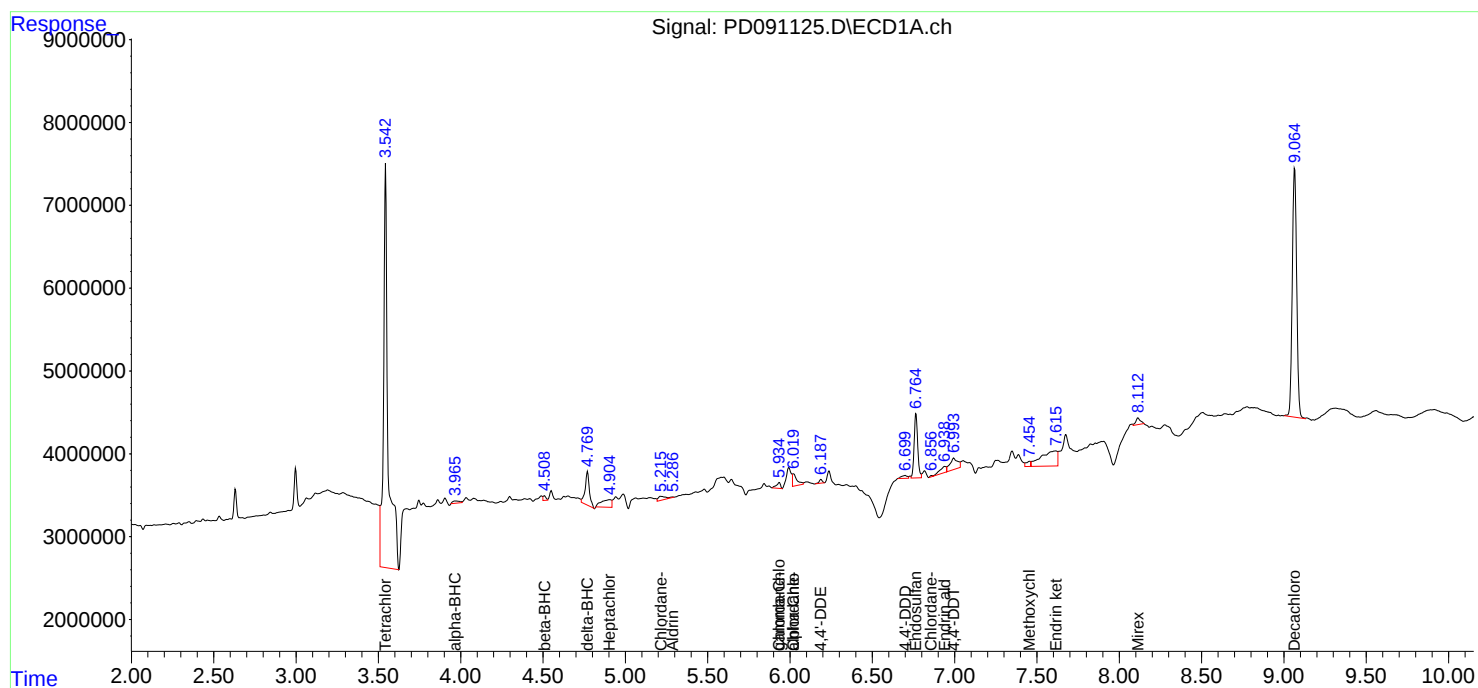
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

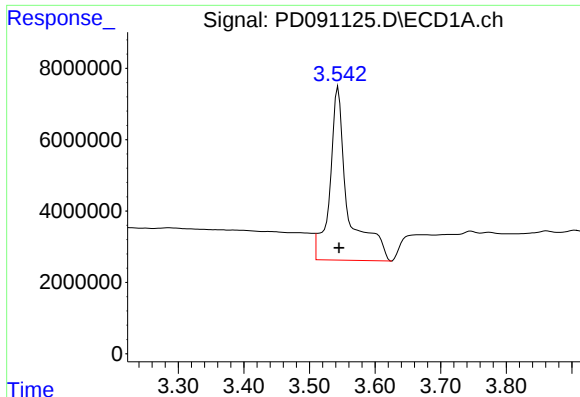
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091125.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 19:31
Operator : AR\AJ
Sample : Q3599-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:32:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

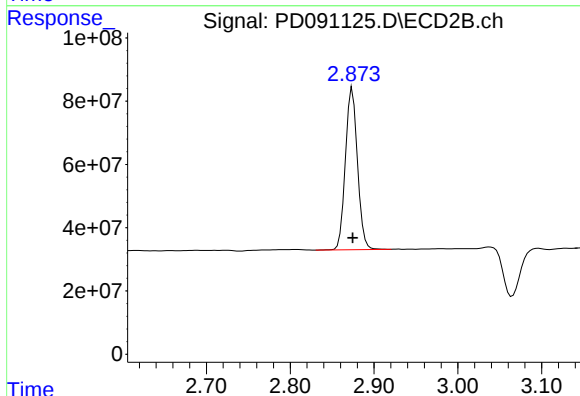




#1 Tetrachloro-m-xylene

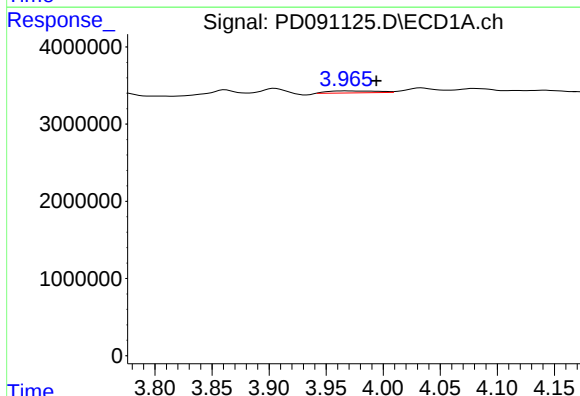
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 94195760
Conc: 30.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



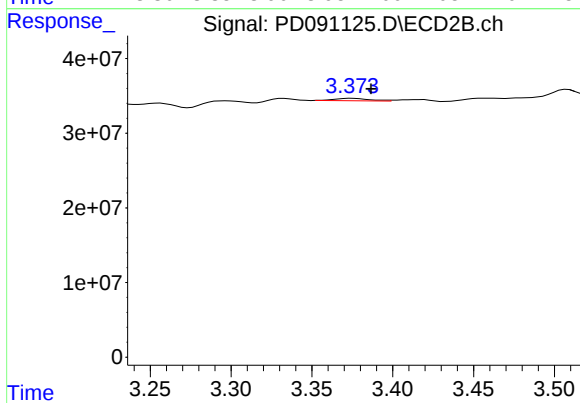
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 513524032
Conc: 17.25 ng/ml



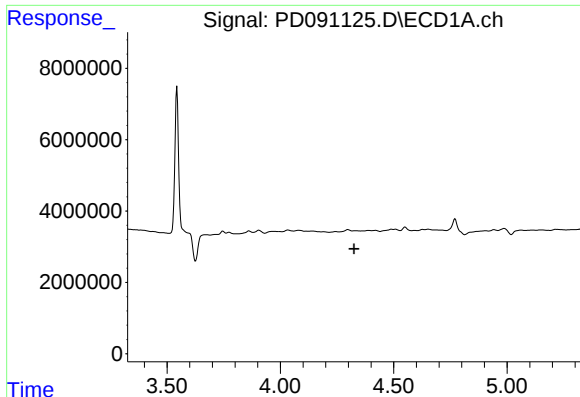
#2 alpha-BHC

R.T.: 3.966 min
Delta R.T.: -0.028 min
Response: 779886
Conc: 0.11 ng/ml



#2 alpha-BHC

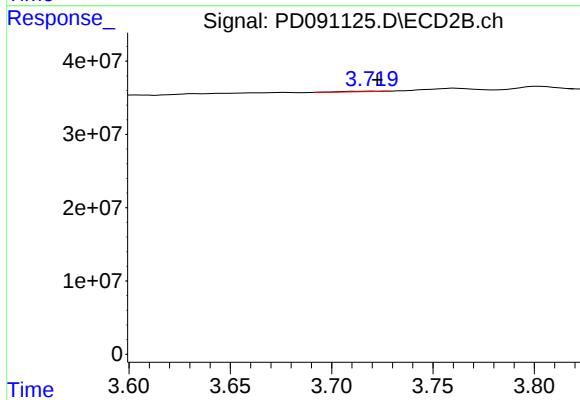
R.T.: 3.375 min
Delta R.T.: -0.012 min
Response: 4956782
Conc: 0.10 ng/ml



#3 gamma-BHC (Lindane)

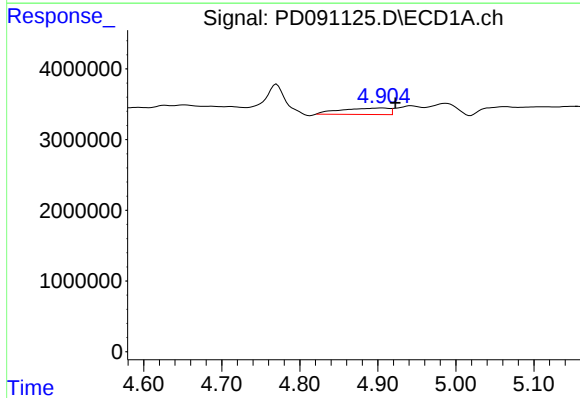
R.T.: 0.000 min
Exp R.T.: 4.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



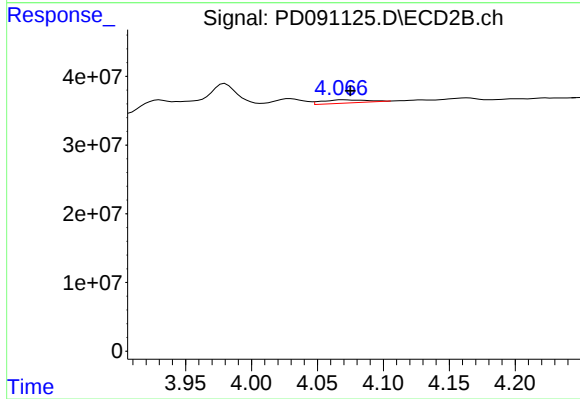
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: -0.003 min
Response: 841493
Conc: 0.02 ng/ml



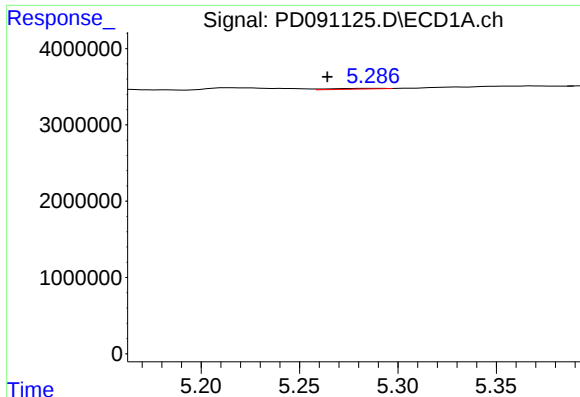
#4 Heptachlor

R.T.: 4.905 min
Delta R.T.: -0.017 min
Response: 3961197
Conc: 0.71 ng/ml



#4 Heptachlor

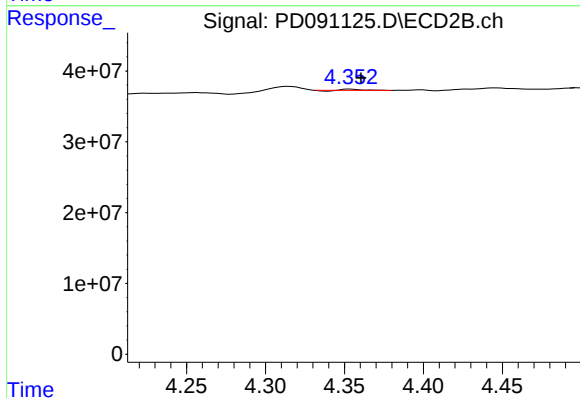
R.T.: 4.069 min
Delta R.T.: -0.006 min
Response: 11064527
Conc: 0.25 ng/ml



#5 Aldrin

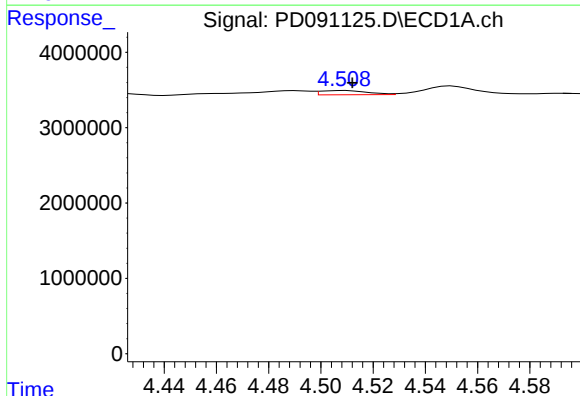
R.T.: 5.287 min
Delta R.T.: 0.023 min
Response: 170542
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



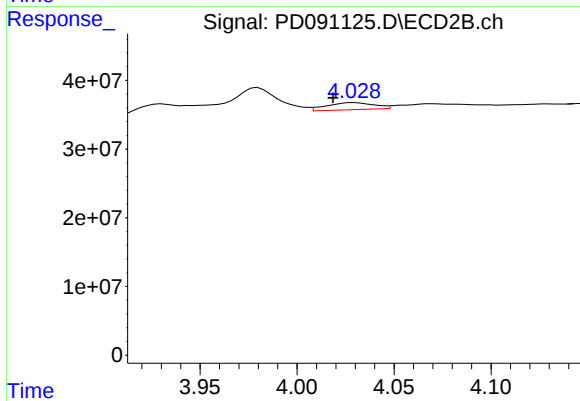
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 770059
Conc: 0.02 ng/ml



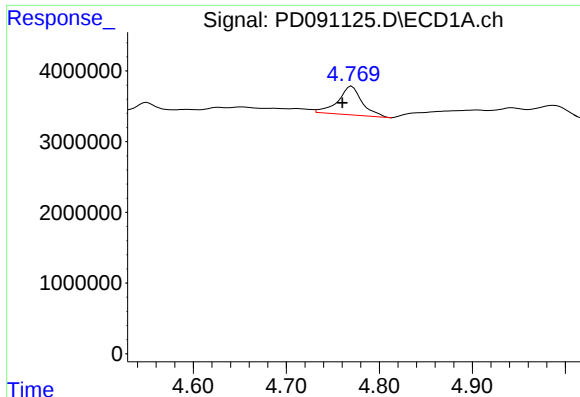
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.003 min
Response: 690614
Conc: 0.26 ng/ml



#6 beta-BHC

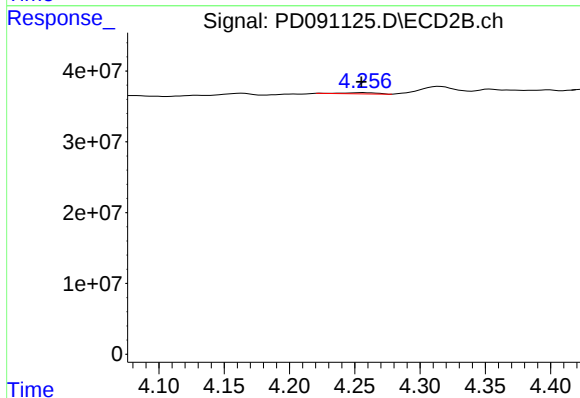
R.T.: 4.029 min
Delta R.T.: 0.011 min
Response: 17169239
Conc: 0.87 ng/ml



#7 delta-BHC

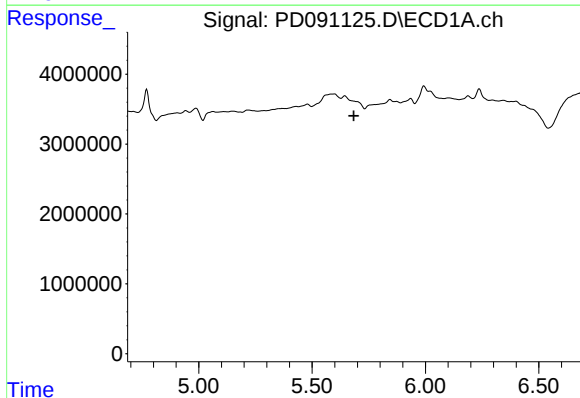
R.T.: 4.770 min
Delta R.T.: 0.010 min
Response: 7285781
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



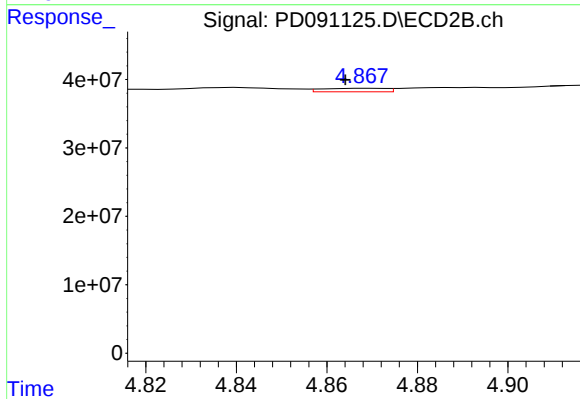
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.002 min
Response: 2950677
Conc: 0.06 ng/ml



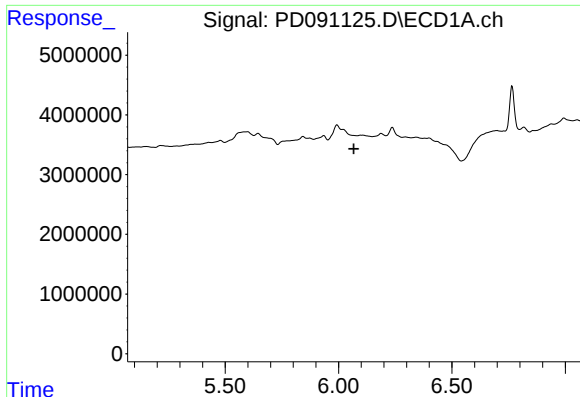
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

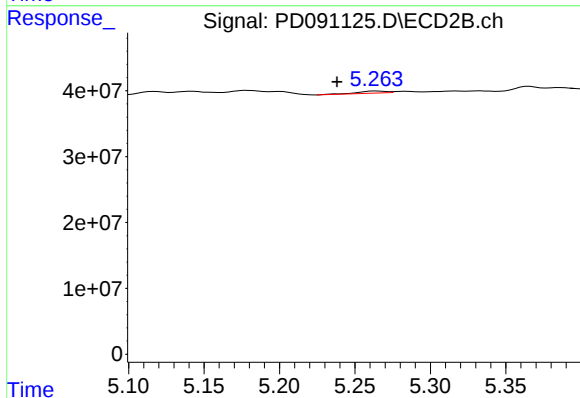
R.T.: 4.869 min
Delta R.T.: 0.005 min
Response: 5066733
Conc: 0.12 ng/ml



#9 Endosulfan I

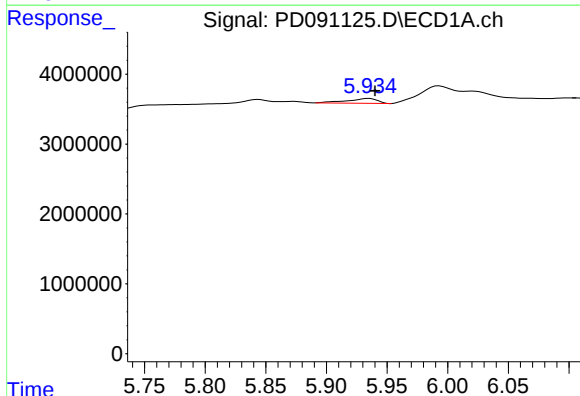
R.T.: 0.000 min
Exp R.T.: 6.068 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



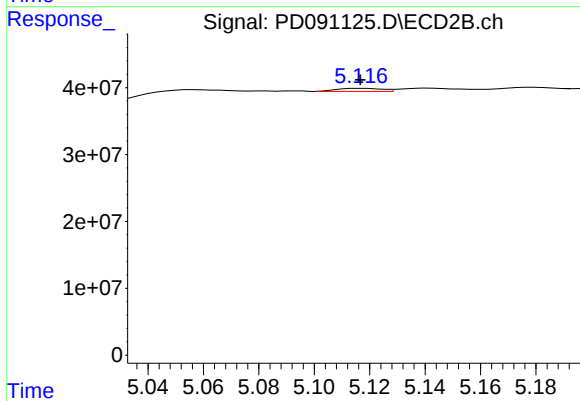
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: 0.026 min
Response: 4347737
Conc: 0.11 ng/ml



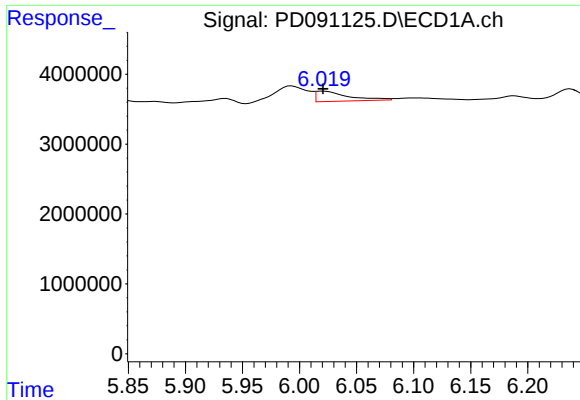
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 1202832
Conc: 0.20 ng/ml



#10 gamma-Chlordane

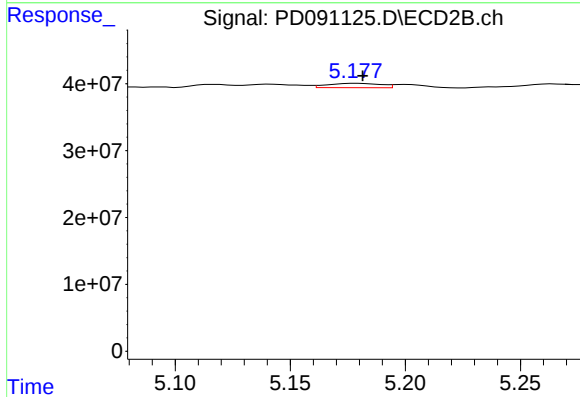
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 5125694
Conc: 0.11 ng/ml



#11 alpha-Chlordane

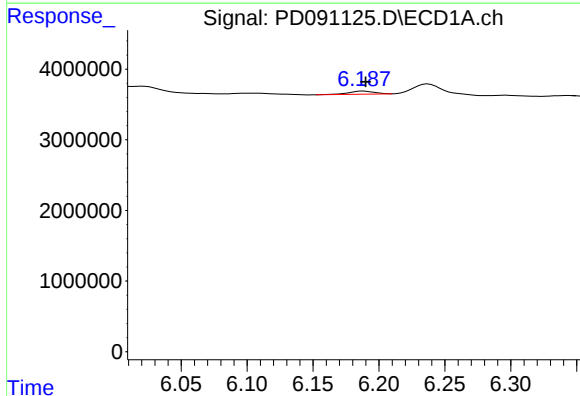
R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 2865891
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



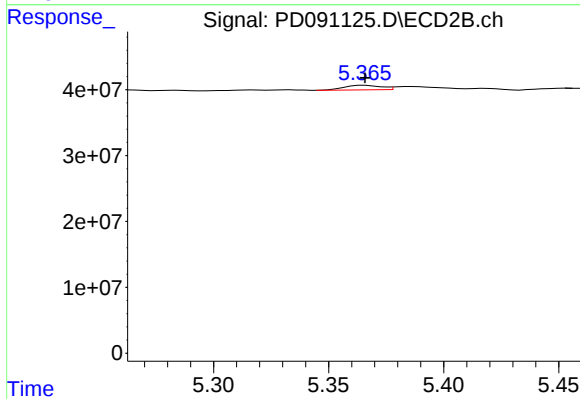
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 10604687
Conc: 0.25 ng/ml



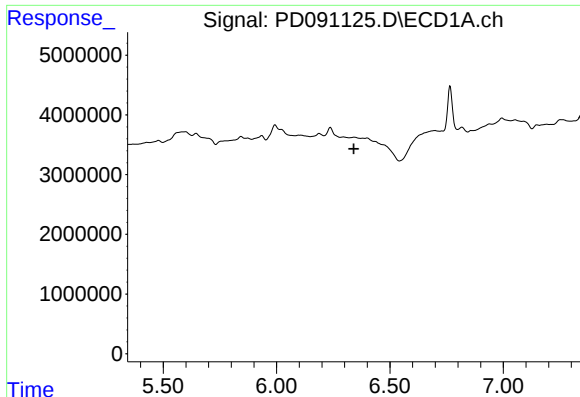
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 581570
Conc: 0.11 ng/ml



#12 4,4'-DDE

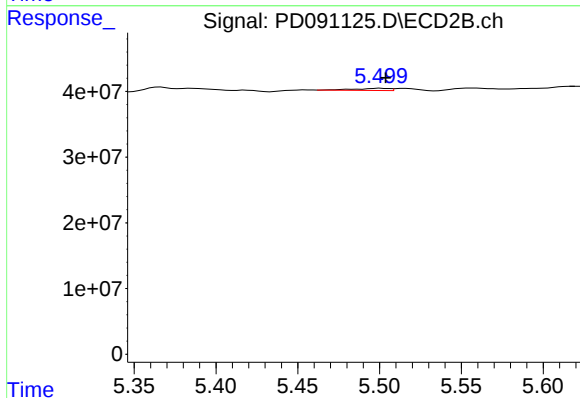
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 7623963
Conc: 0.17 ng/ml



#13 Dieldrin

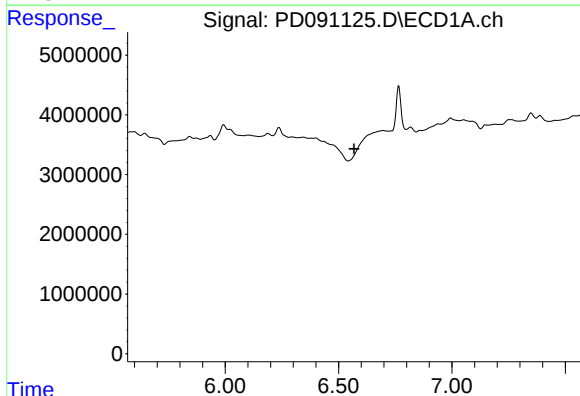
R.T.: 0.000 min
Exp R.T.: 6.340 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



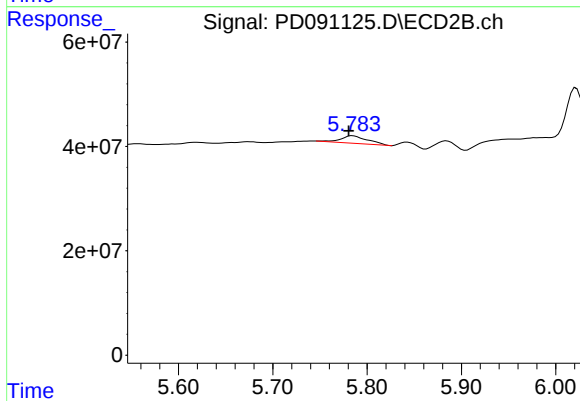
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 4830065
Conc: 0.11 ng/ml



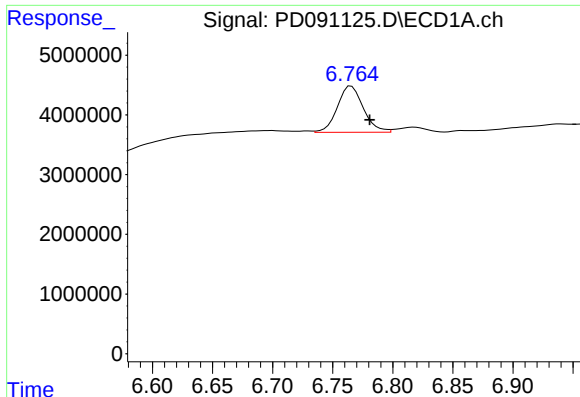
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.568 min
Response: 0
Conc: N.D.



#14 Endrin

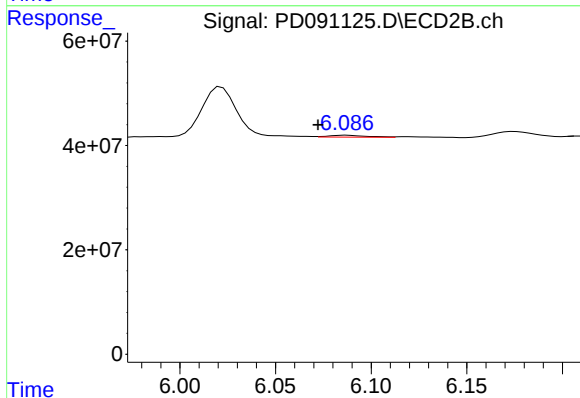
R.T.: 5.785 min
Delta R.T.: 0.004 min
Response: 28914922
Conc: 0.71 ng/ml



#15 Endosulfan II

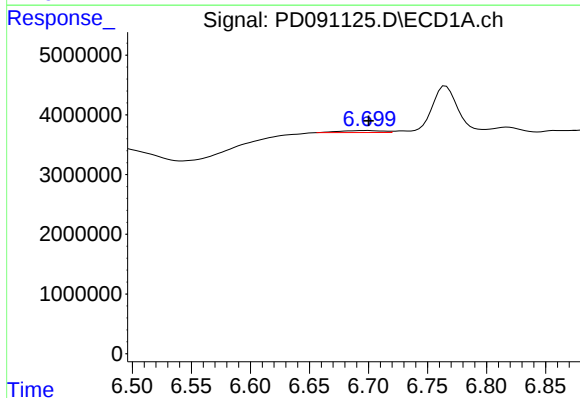
R.T.: 6.765 min
Delta R.T.: -0.015 min
Response: 11676385
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



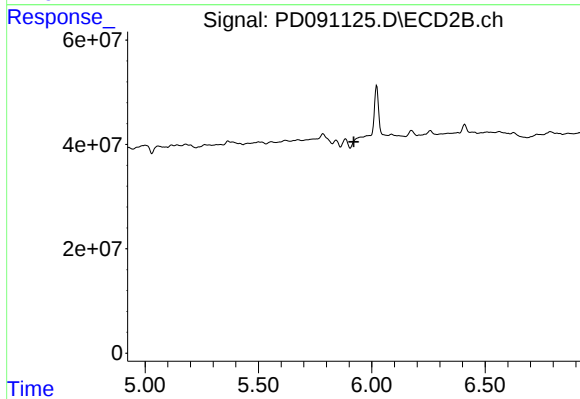
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.015 min
Response: 5113271
Conc: 0.14 ng/ml



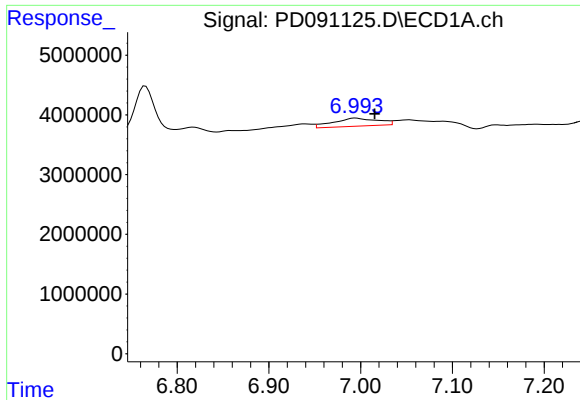
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 838431
Conc: 0.21 ng/ml



#16 4,4'-DDD

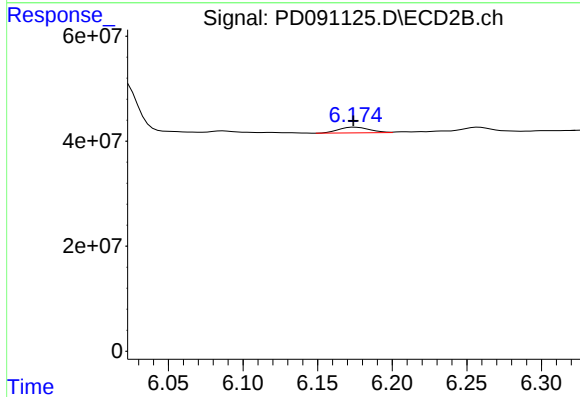
R.T.: 0.000 min
Exp R.T. : 5.921 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

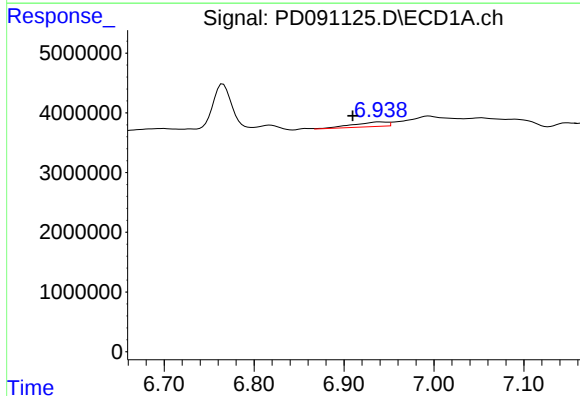
R.T.: 6.995 min
Delta R.T.: -0.021 min
Response: 4518503
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



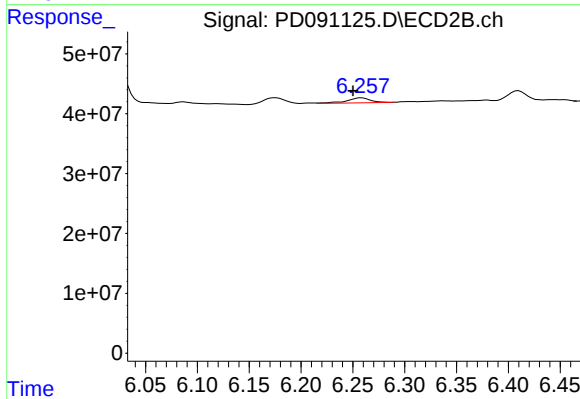
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.001 min
Response: 15727295
Conc: 0.45 ng/ml



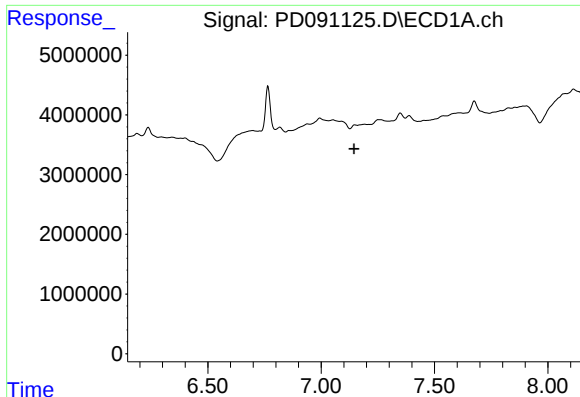
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.030 min
Response: 2035742
Conc: 0.56 ng/ml



#18 Endrin aldehyde

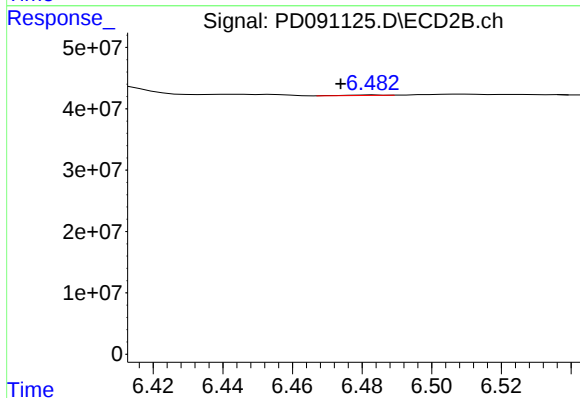
R.T.: 6.259 min
Delta R.T.: 0.008 min
Response: 13547444
Conc: 0.49 ng/ml



#19 Endosulfan Sulfate

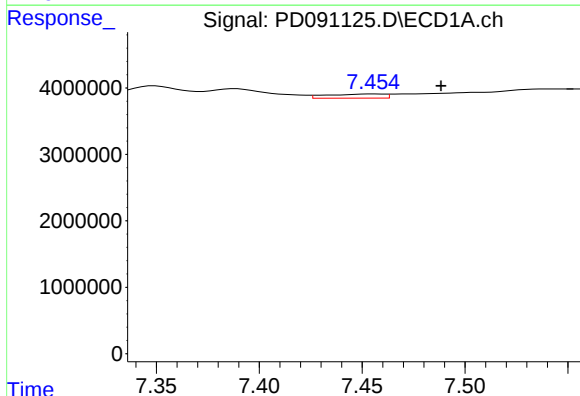
R.T.: 7.149 min
Delta R.T.: 0.004 min
Response: -1095761
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



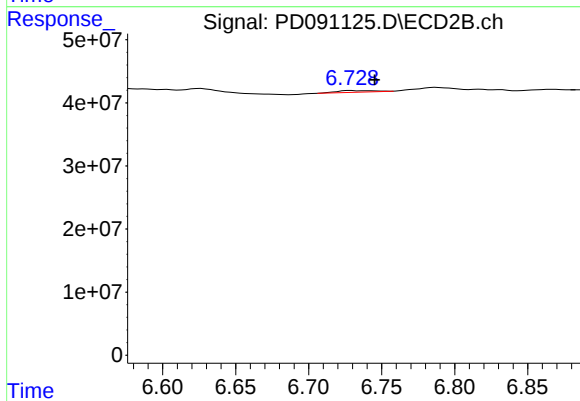
#19 Endosulfan Sulfate

R.T.: 6.483 min
Delta R.T.: 0.010 min
Response: 561198
Conc: 0.02 ng/ml



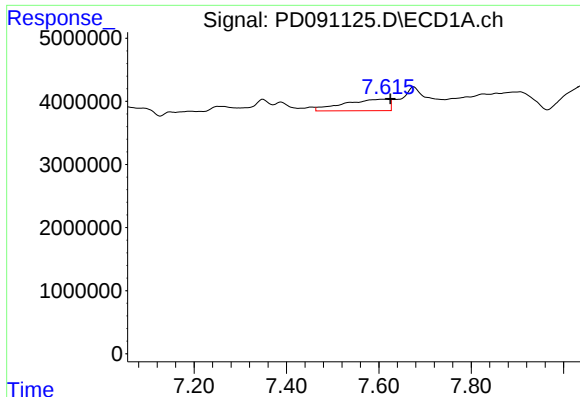
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: -0.033 min
Response: 1177954
Conc: 0.55 ng/ml



#20 Methoxychlor

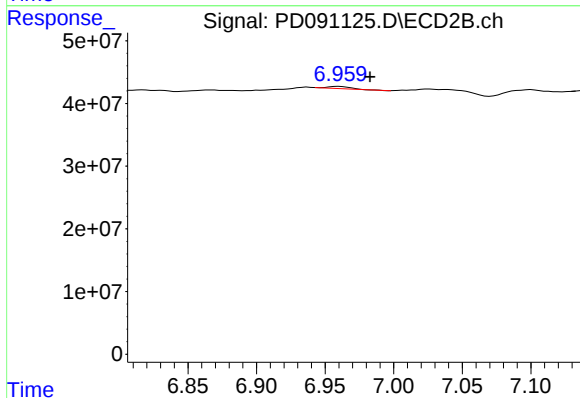
R.T.: 6.729 min
Delta R.T.: -0.016 min
Response: 4455131
Conc: 0.26 ng/ml



#21 Endrin ketone

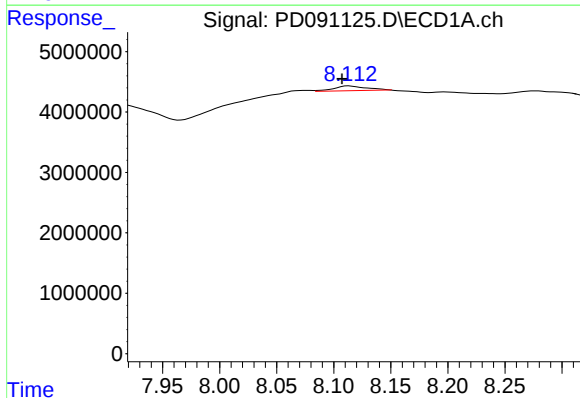
R.T.: 7.615 min
Delta R.T.: -0.010 min
Response: 12444255
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



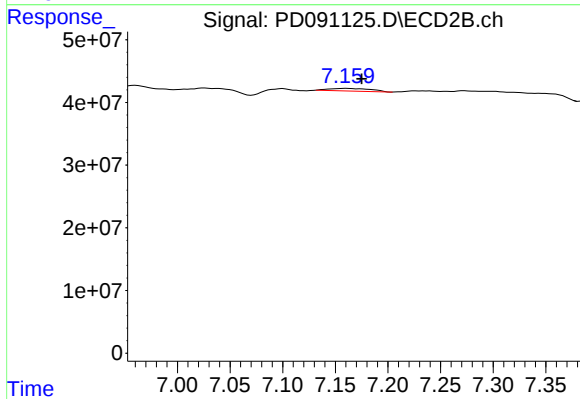
#21 Endrin ketone

R.T.: 6.960 min
Delta R.T.: -0.022 min
Response: 3908626
Conc: 0.10 ng/ml



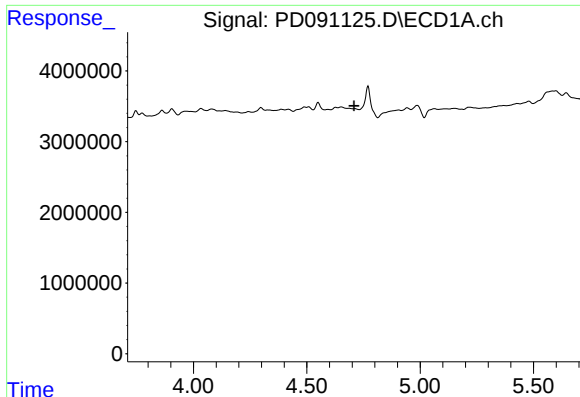
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.006 min
Response: 1573976
Conc: 0.49 ng/ml



#22 Mirex

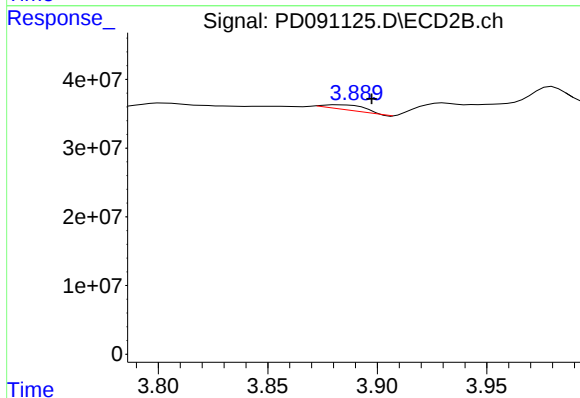
R.T.: 7.161 min
Delta R.T.: -0.015 min
Response: 11775901
Conc: 0.46 ng/ml



#23 Chlordane-1

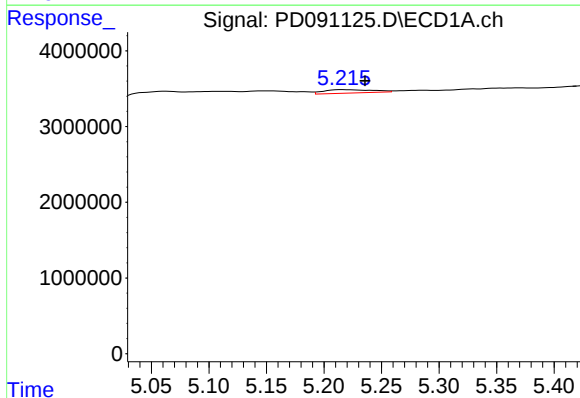
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



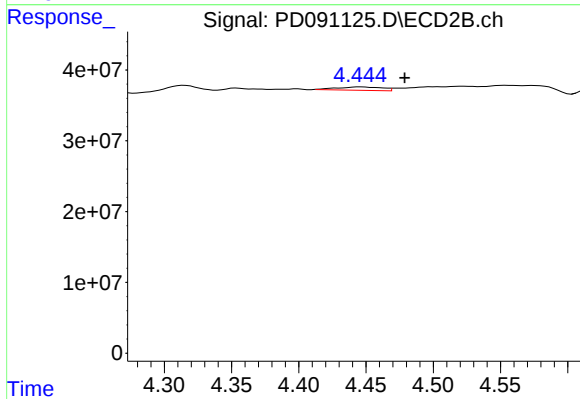
#23 Chlordane-1

R.T.: 3.881 min
Delta R.T.: -0.016 min
Response: 9167302
Conc: 7.36 ng/ml



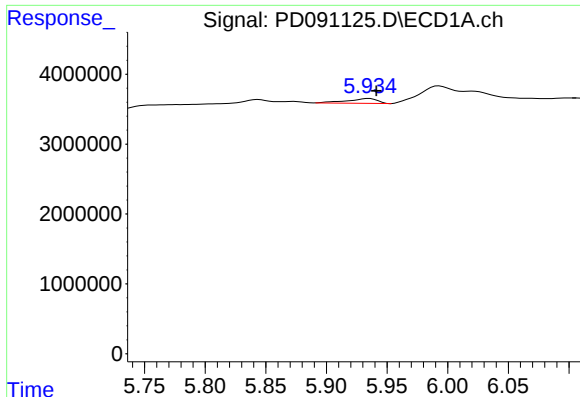
#24 Chlordane-2

R.T.: 5.216 min
Delta R.T.: -0.020 min
Response: 1332260
Conc: 6.90 ng/ml



#24 Chlordane-2

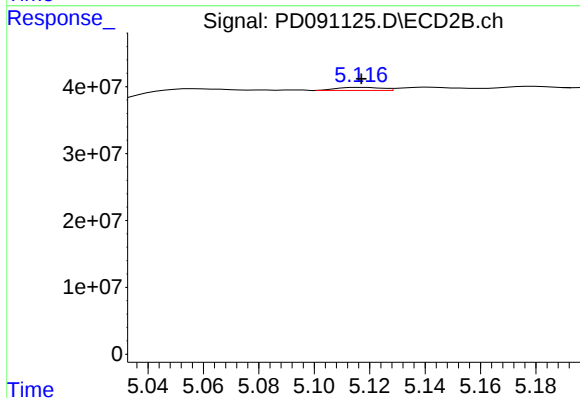
R.T.: 4.445 min
Delta R.T.: -0.033 min
Response: 11148835
Conc: 8.55 ng/ml



#25 Chlordane-3

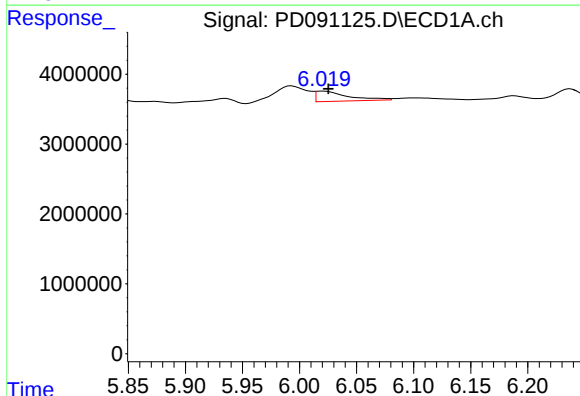
R.T.: 5.935 min
Delta R.T.: -0.006 min
Response: 1202832
Conc: 1.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



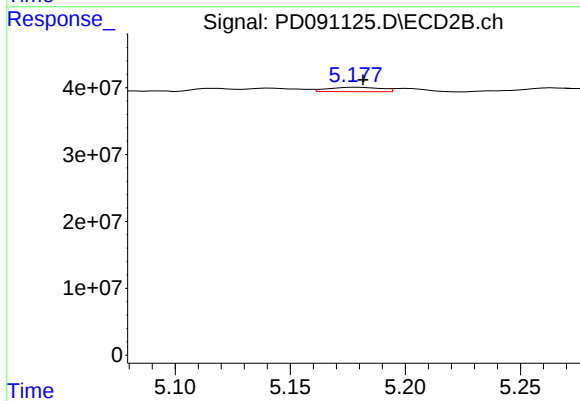
#25 Chlordane-3

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 5125694
Conc: 1.32 ng/ml



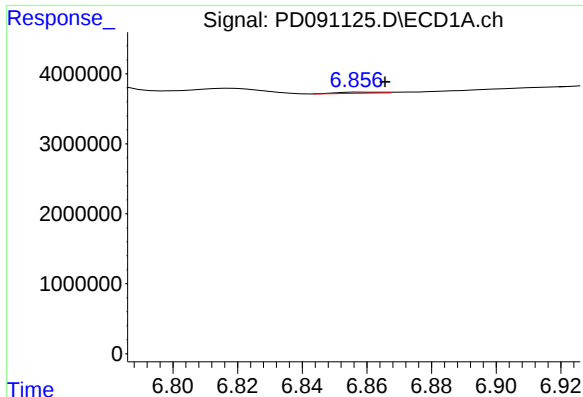
#26 Chlordane-4

R.T.: 6.021 min
Delta R.T.: -0.005 min
Response: 2865891
Conc: 2.96 ng/ml



#26 Chlordane-4

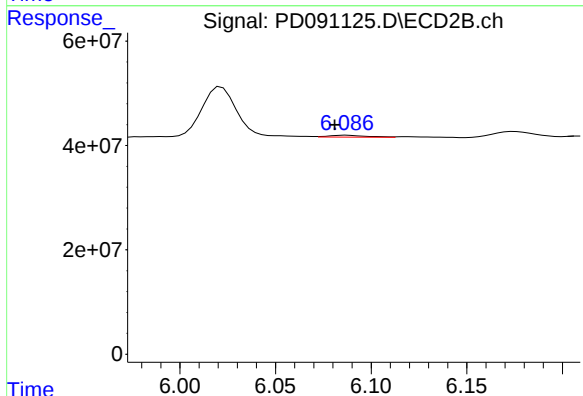
R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 10604687
Conc: 3.17 ng/ml



#27 Chlordane-5

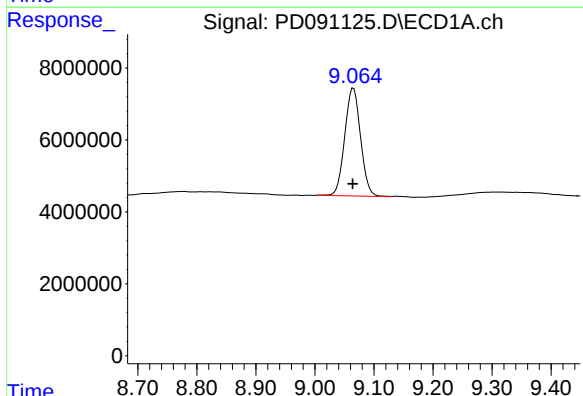
R.T.: 6.860 min
Delta R.T.: -0.006 min
Response: 138529
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LIVINGSTON-SOIL



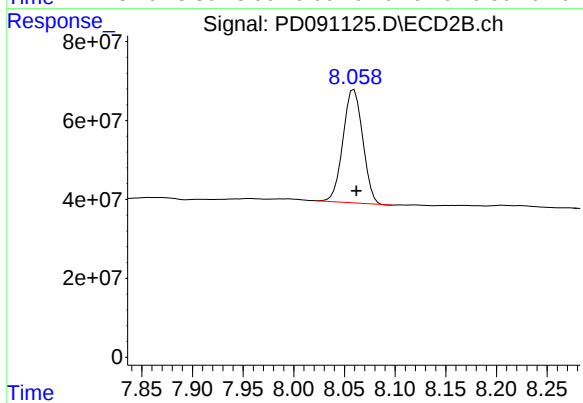
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: 0.006 min
Response: 5113271
Conc: 3.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 55909225
Conc: 11.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 390050964
Conc: 12.88 ng/ml