

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
 Data File : PD089123.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 10:36
 Operator : AR\AJ
 Sample : Q2126-01
 Misc : CHLOR LOD 25PPB SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 06:38:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.554	2.881	45259687	304.5E6	15.863	17.962
28)	SA Decachlor...	9.076	8.072	69581629	363.1E6	17.716	18.369
Target Compounds							
2)	A alpha-BHC	4.028f	3.384	119179	1230963	0.020	0.046 #
3)	MA gamma-BHC...	0.000	3.725	0	1789421	N.D.	0.072 #
4)	MA Heptachlor	4.932	4.082	7139665	33611076	1.310	1.342
5)	MB Aldrin	5.245f	4.383	5436335	2792618	1.023	0.115 #
6)	B beta-BHC	0.000	4.041f	0	140074	N.D.	0.013 #
7)	B delta-BHC	4.782f	4.262	792274	4143294	0.154	0.167
8)	B Heptachlo...	5.675f	0.000	3394270	0	0.704	N.D. #
9)	A Endosulfan I	0.000	5.230f	0	8325014	N.D.	0.399 #
10)	B gamma-Chl...	5.950	5.126	18524014	80327720	3.869	3.358
11)	B alpha-Chl...	6.035	5.190	23873499	66523075	4.934	2.905 #
13)	MA Dieldrin	6.357	5.492f	600702	729117	0.125	0.031 #
14)	MA Endrin	0.000	5.792	0	9464581	N.D.	0.436 #
15)	B Endosulfa...	6.773	6.089	801260	26289529	0.198	1.302 #
16)	A 4,4'-DDD	6.686f	5.920	2304018	-1005245	0.671	N.D. #
17)	MA 4,4'-DDT	6.990f	0.000	1199904	0	0.317	N.D. #
18)	B Endrin al...	6.927	6.262	533234	853727	0.174	0.056 #
19)	B Endosulfa...	0.000	6.489	0	663693	N.D.	0.034 #
20)	A Methoxychlor	7.526f	6.761	103594	1519355	0.051	0.141 #
21)	B Endrin ke...	0.000	6.980	0	1292029	N.D.	0.060 #
22)	Mirex	0.000	7.201	0	178714	N.D.	0.011 #
23)	Chlordane-1	4.718	3.905	2152650	23130412	10.058	24.811 #
24)	Chlordane-2	5.245	4.487	5436335	24678951	24.901	25.934
25)	Chlordane-3	5.950	5.126	18524014	80327720	21.478	27.045 #
26)	Chlordane-4	6.035	5.190	23873499	66523075	22.721	26.538
27)	Chlordane-5	6.874	6.089	3884720	26289529	21.256	23.231

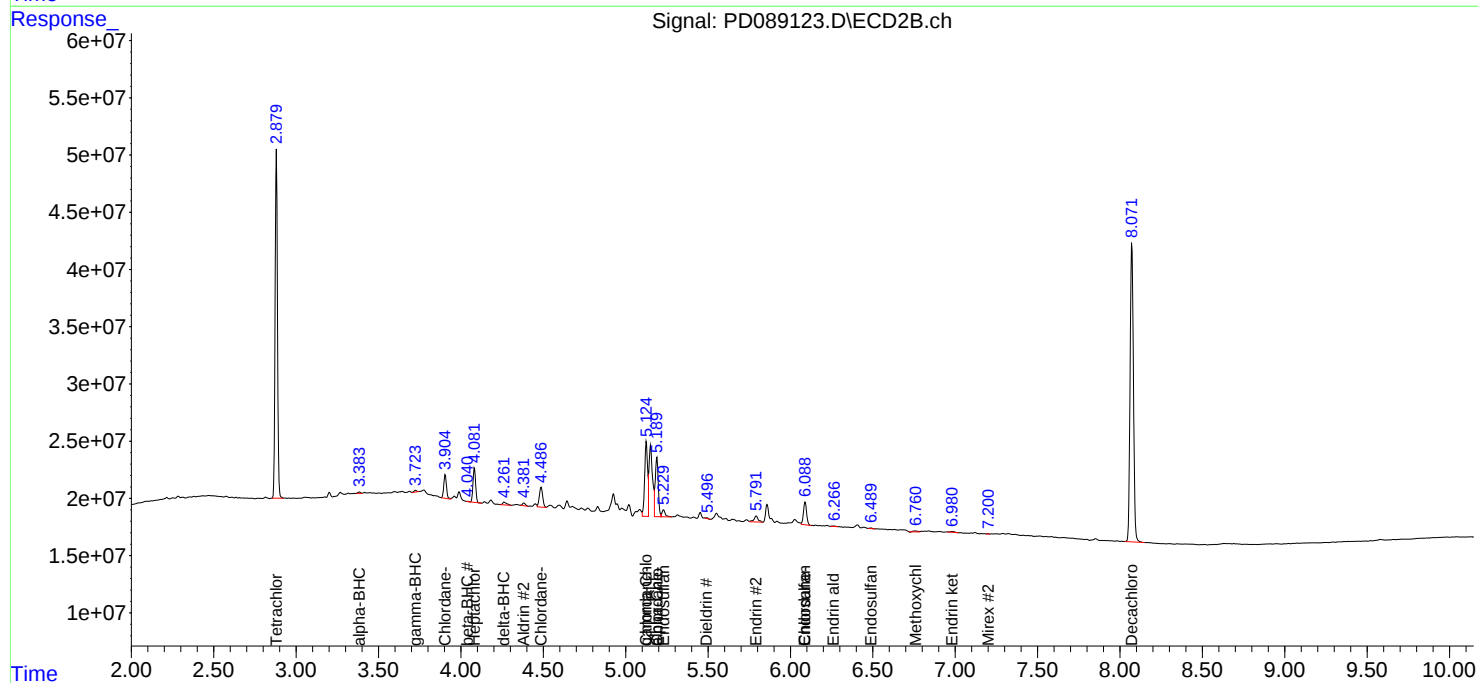
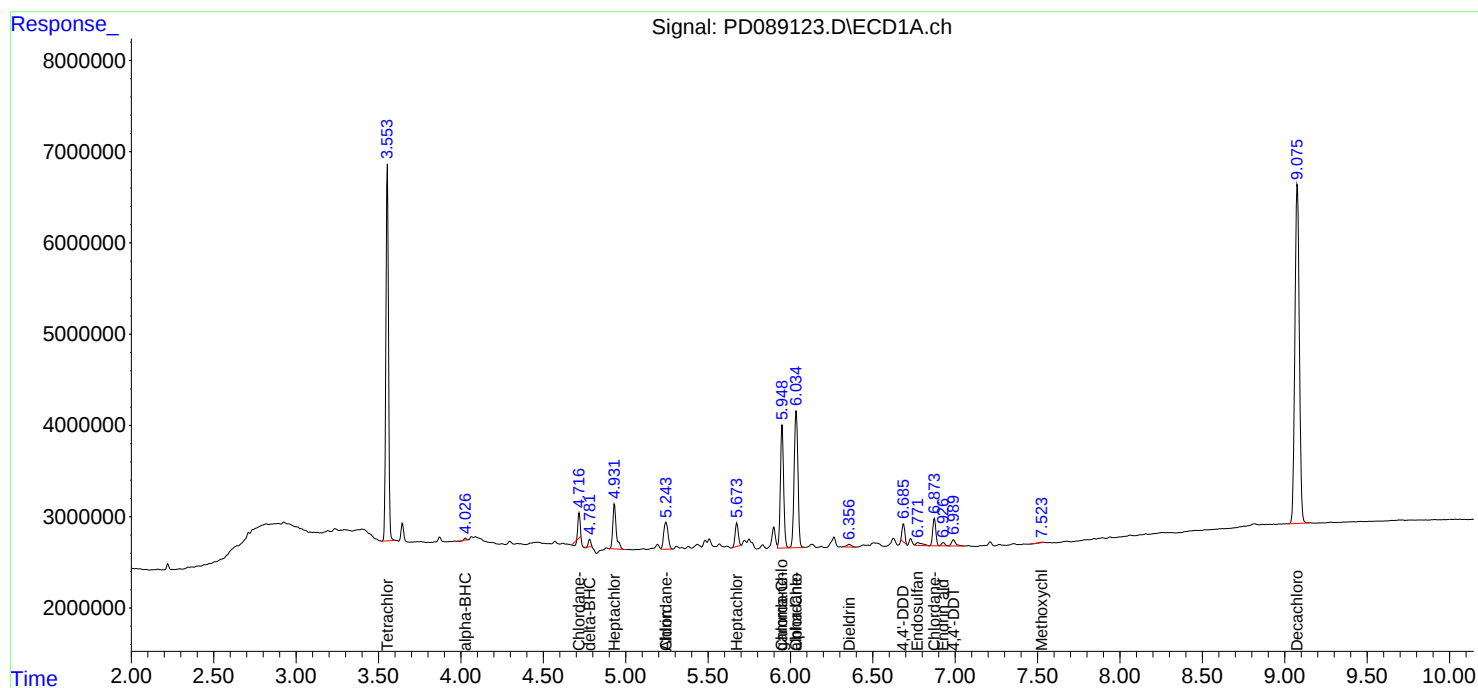
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

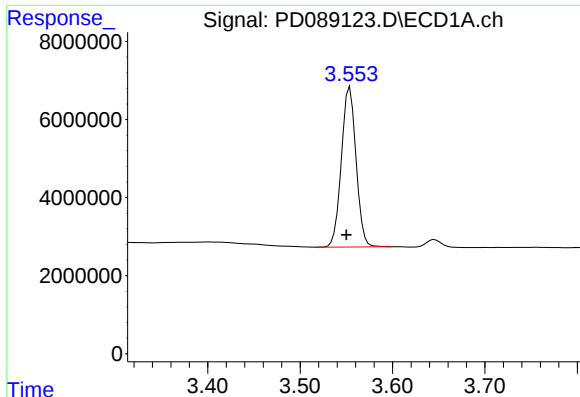
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
Data File : PD089123.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 10:36
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Sample : Q2126-01
Misc : CHLOR LOD 25PPB SOIL
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Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 06:38:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
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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

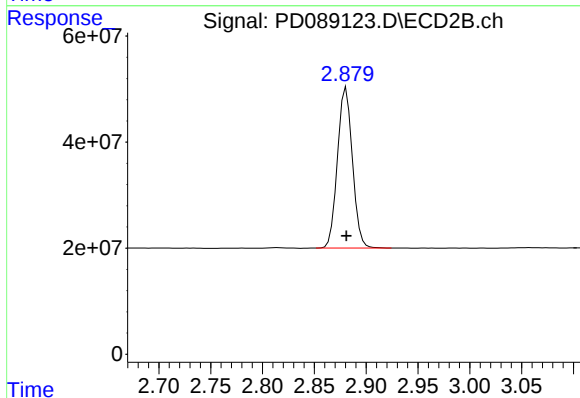




#1 Tetrachloro-m-xylene

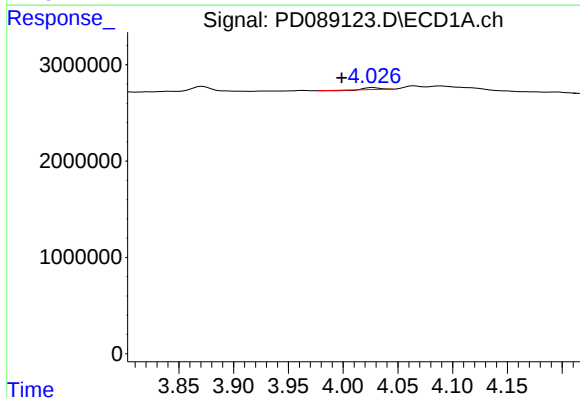
R.T.: 3.554 min
Delta R.T.: 0.004 min
Response: 45259687
Conc: 15.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



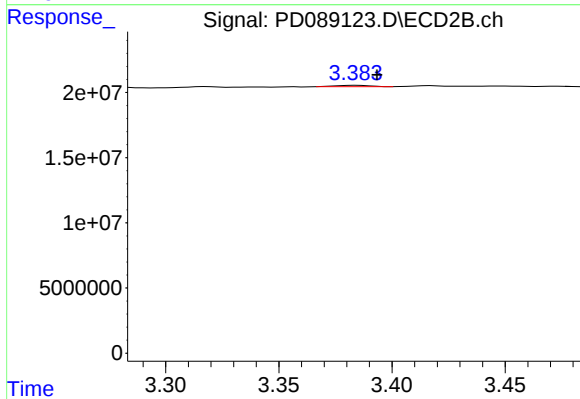
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 304510001
Conc: 17.96 ng/ml



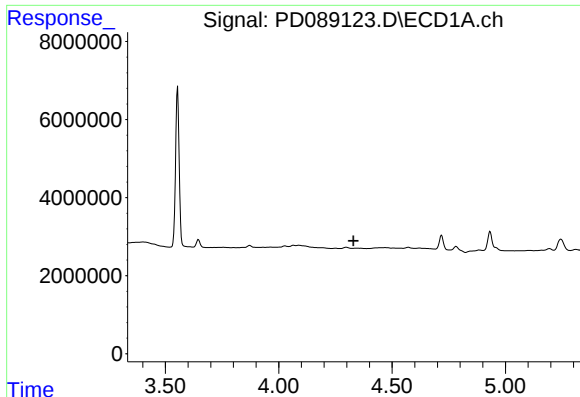
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.029 min
Response: 119179
Conc: 0.02 ng/ml



#2 alpha-BHC

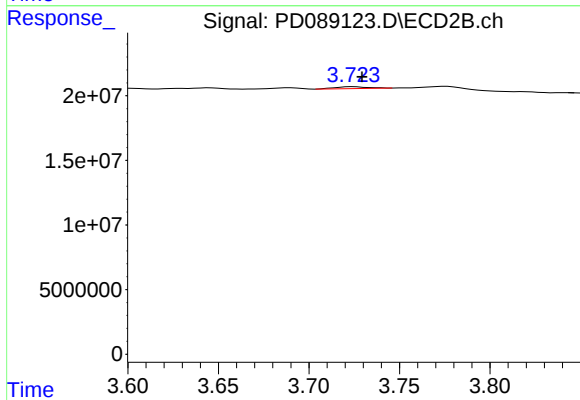
R.T.: 3.384 min
Delta R.T.: -0.009 min
Response: 1230963
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

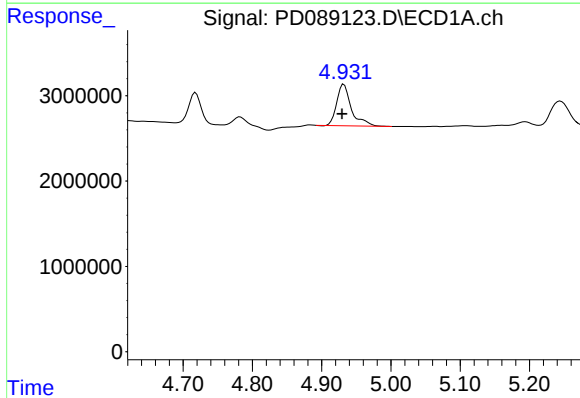
R.T.: 0.000 min
Exp R.T.: 4.330 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



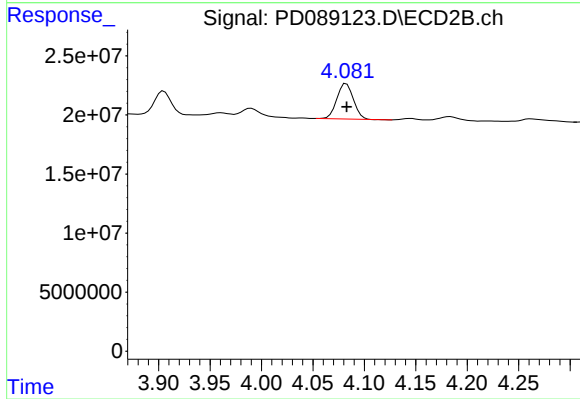
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: -0.005 min
Response: 1789421
Conc: 0.07 ng/ml



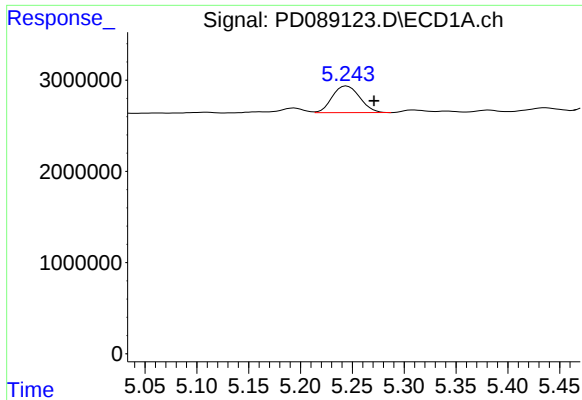
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.003 min
Response: 7139665
Conc: 1.31 ng/ml



#4 Heptachlor

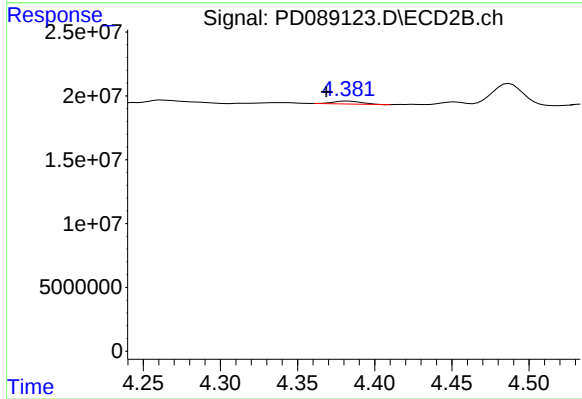
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 33611076
Conc: 1.34 ng/ml



#5 Aldrin

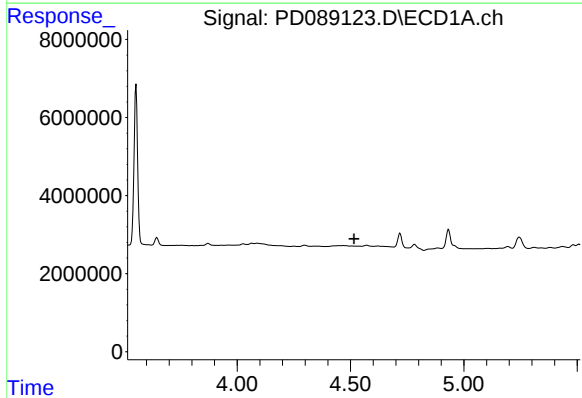
R.T.: 5.245 min
Delta R.T.: -0.026 min
Response: 5436335
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



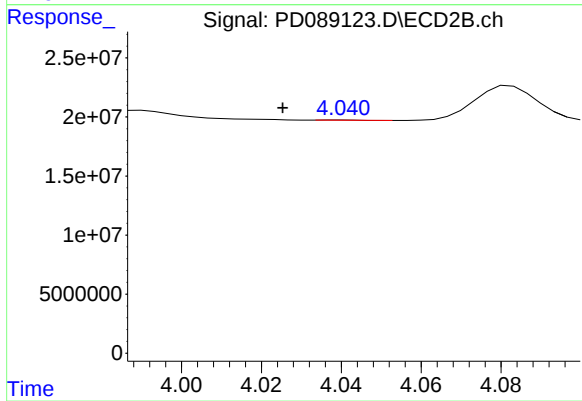
#5 Aldrin

R.T.: 4.383 min
Delta R.T.: 0.014 min
Response: 2792618
Conc: 0.12 ng/ml



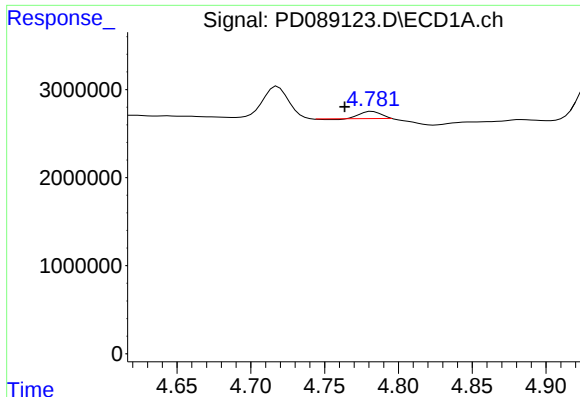
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.515 min
Response: 0
Conc: N.D.



#6 beta-BHC

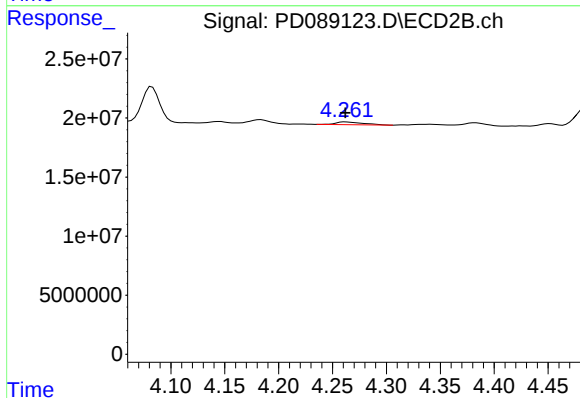
R.T.: 4.041 min
Delta R.T.: 0.015 min
Response: 140074
Conc: 0.01 ng/ml



#7 delta-BHC

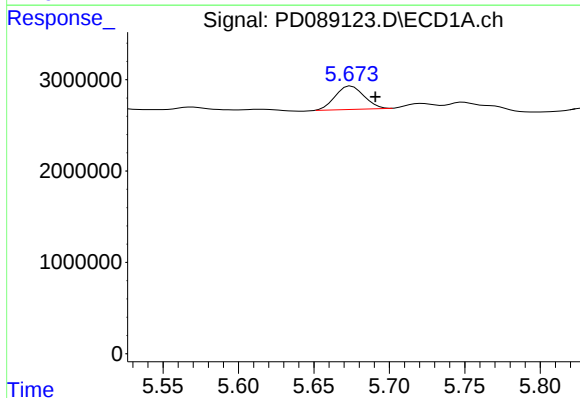
R.T.: 4.782 min
Delta R.T.: 0.019 min
Response: 792274
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



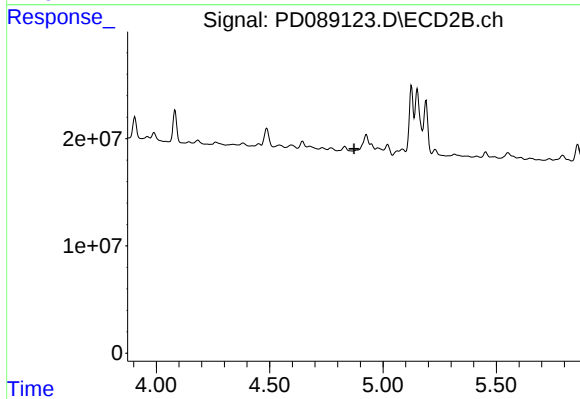
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 4143294
Conc: 0.17 ng/ml



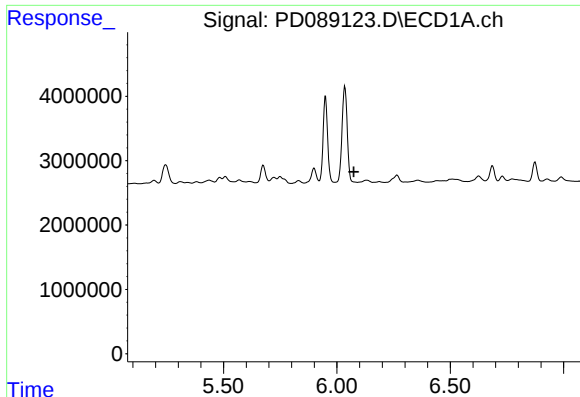
#8 Heptachlor epoxide

R.T.: 5.675 min
Delta R.T.: -0.016 min
Response: 3394270
Conc: 0.70 ng/ml



#8 Heptachlor epoxide

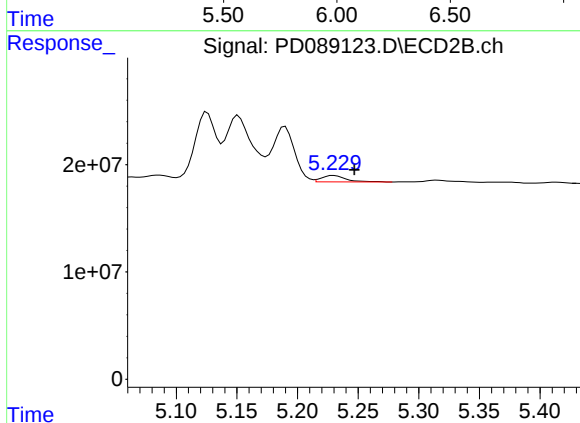
R.T.: 0.000 min
Exp R.T. : 4.873 min
Response: 0
Conc: N.D.



#9 Endosulfan I

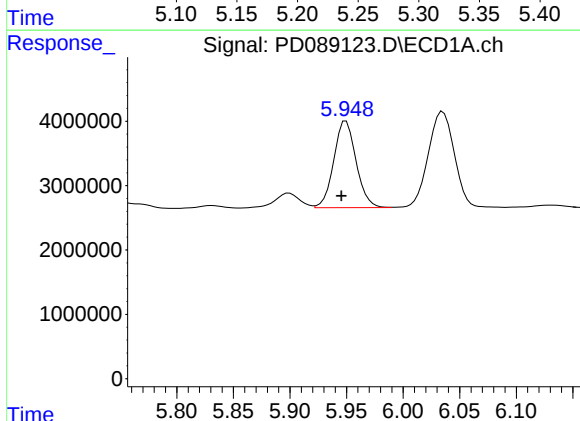
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



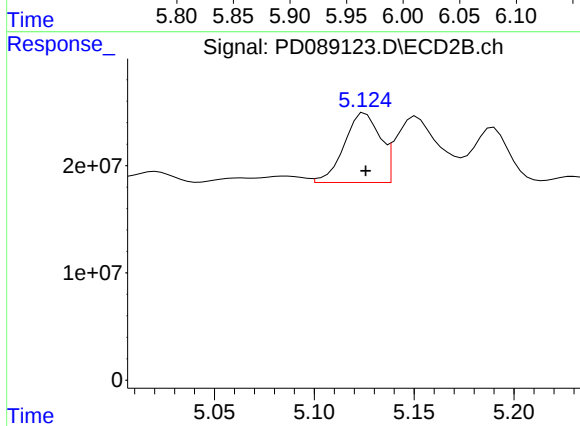
#9 Endosulfan I

R.T.: 5.230 min
Delta R.T.: -0.017 min
Response: 8325014
Conc: 0.40 ng/ml



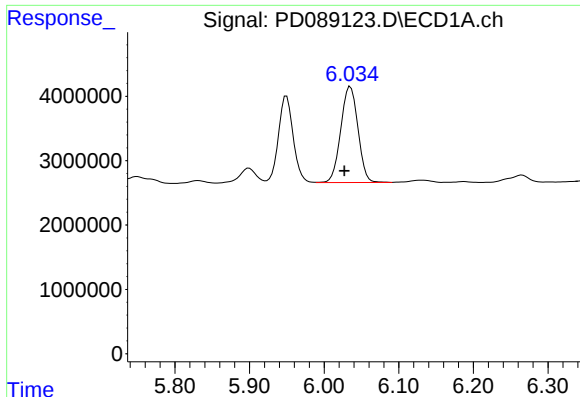
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.004 min
Response: 18524014
Conc: 3.87 ng/ml



#10 gamma-Chlordane

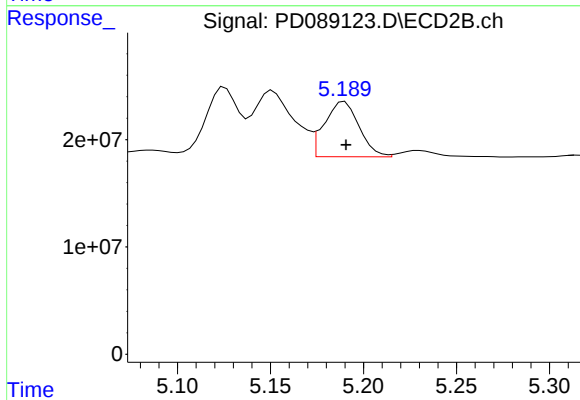
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 80327720
Conc: 3.36 ng/ml



#11 alpha-Chlordane

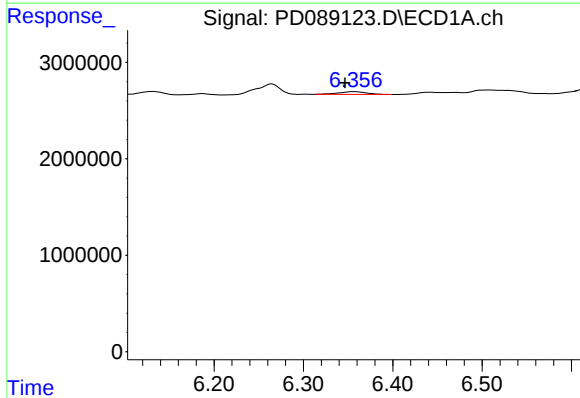
R.T.: 6.035 min
Delta R.T.: 0.008 min
Response: 23873499
Conc: 4.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



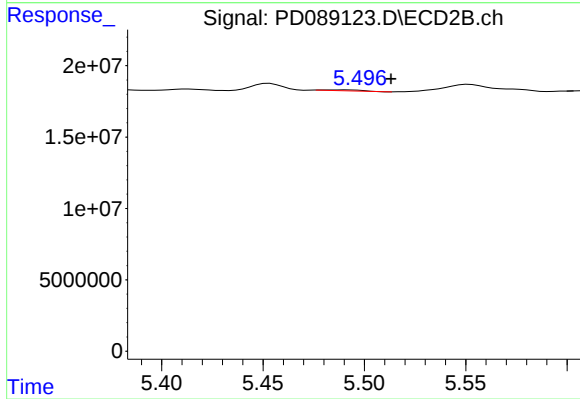
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 66523075
Conc: 2.91 ng/ml



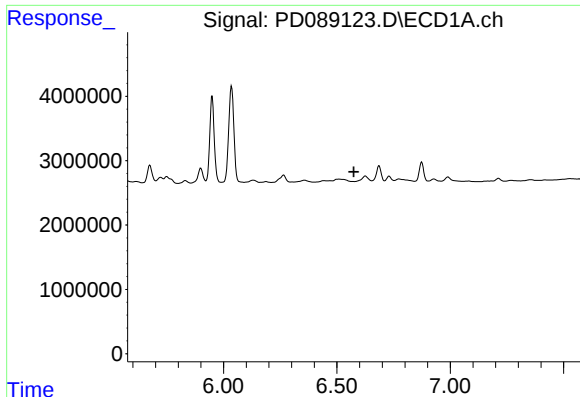
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.010 min
Response: 600702
Conc: 0.13 ng/ml



#13 Dieldrin

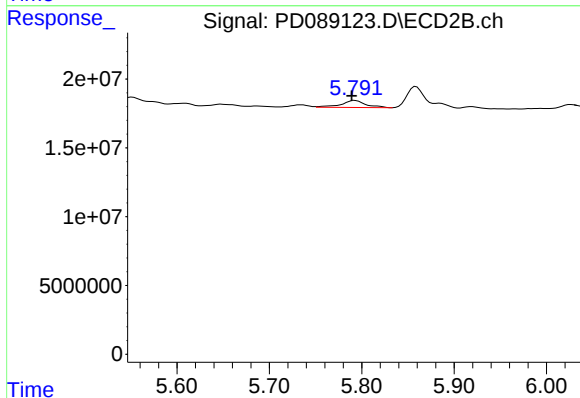
R.T.: 5.492 min
Delta R.T.: -0.022 min
Response: 729117
Conc: 0.03 ng/ml



#14 Endrin

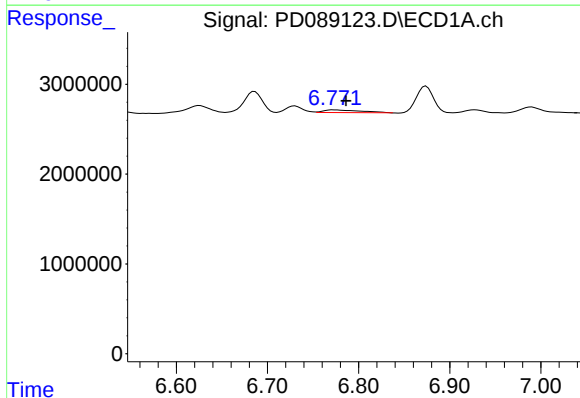
R.T.: 0.000 min
Exp R.T.: 6.574 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



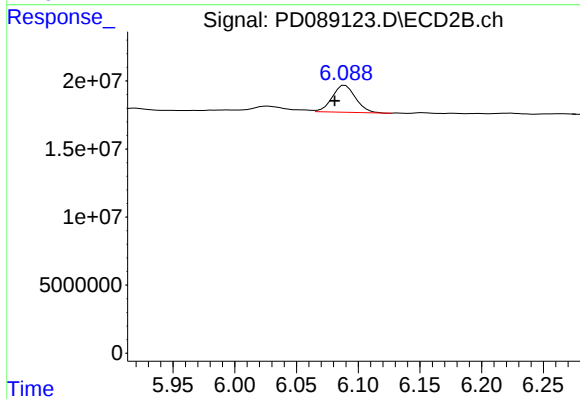
#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.003 min
Response: 9464581
Conc: 0.44 ng/ml



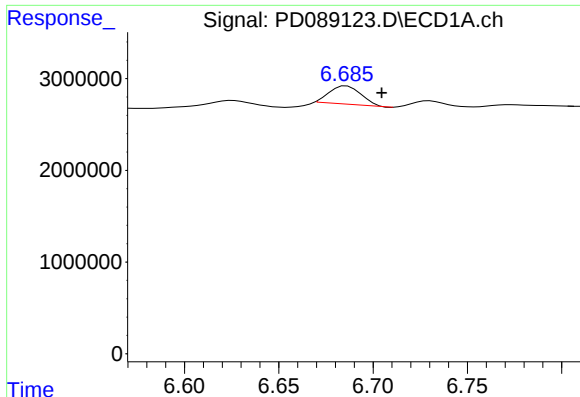
#15 Endosulfan II

R.T.: 6.773 min
Delta R.T.: -0.013 min
Response: 801260
Conc: 0.20 ng/ml



#15 Endosulfan II

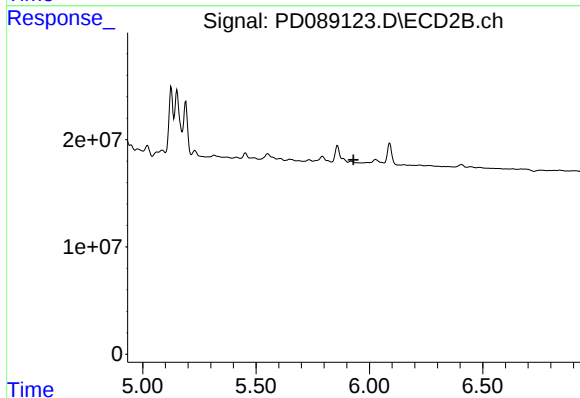
R.T.: 6.089 min
Delta R.T.: 0.008 min
Response: 26289529
Conc: 1.30 ng/ml



#16 4,4'-DDD

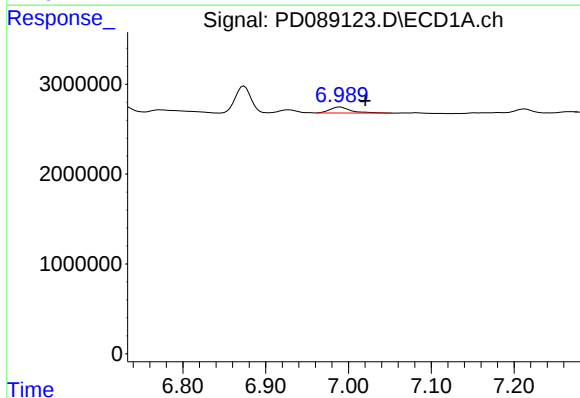
R.T.: 6.686 min
Delta R.T.: -0.019 min
Response: 2304018
Conc: 0.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



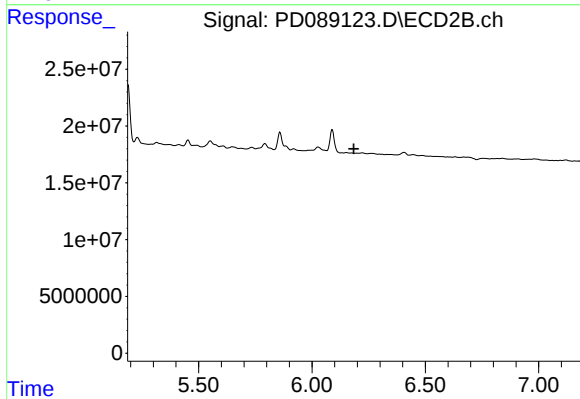
#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.010 min
Response: -1005245
Conc: N.D.



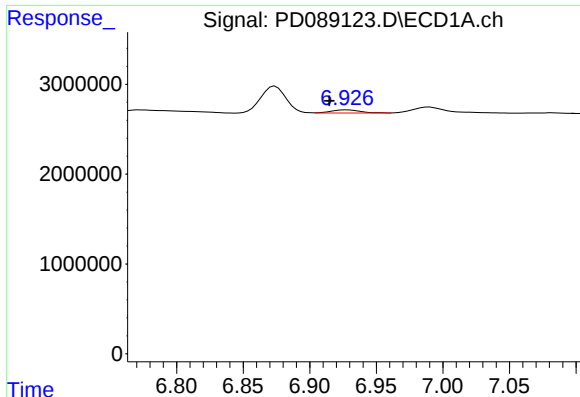
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.031 min
Response: 1199904
Conc: 0.32 ng/ml



#17 4,4'-DDT

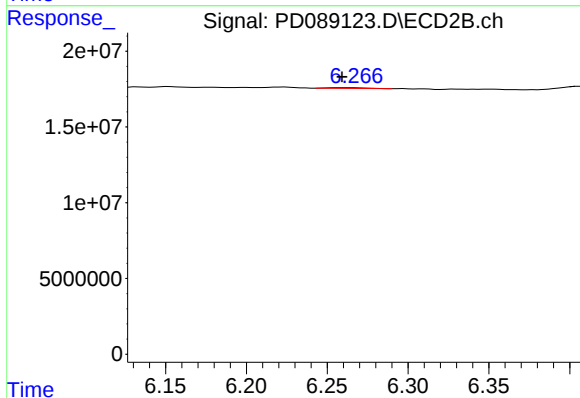
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

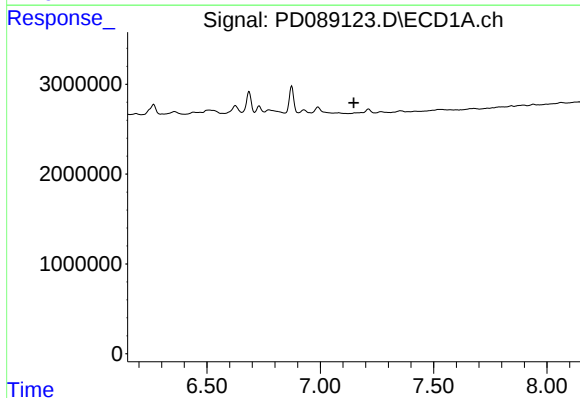
R.T.: 6.927 min
Delta R.T.: 0.013 min
Response: 533234
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



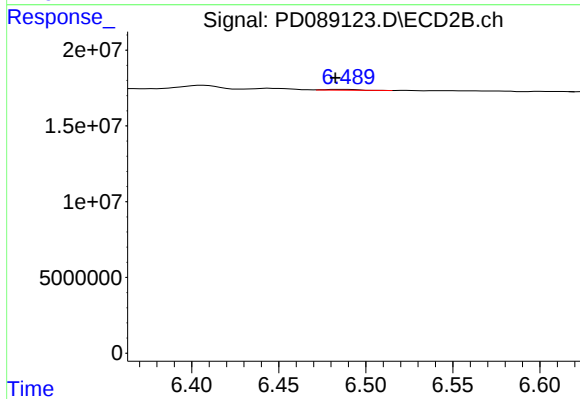
#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.003 min
Response: 853727
Conc: 0.06 ng/ml



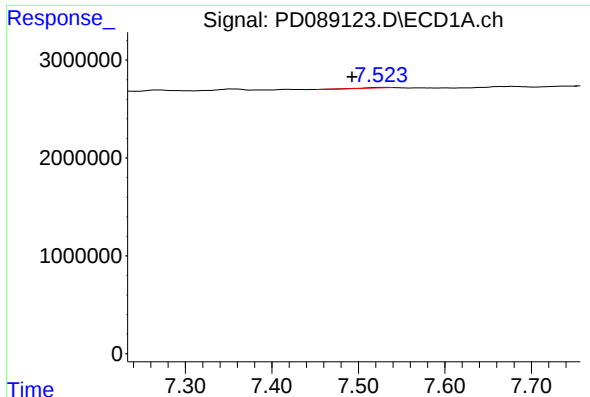
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.148 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

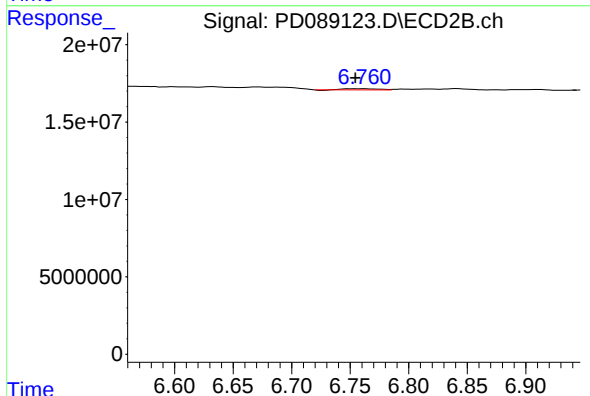
R.T.: 6.489 min
Delta R.T.: 0.006 min
Response: 663693
Conc: 0.03 ng/ml



#20 Methoxychlor

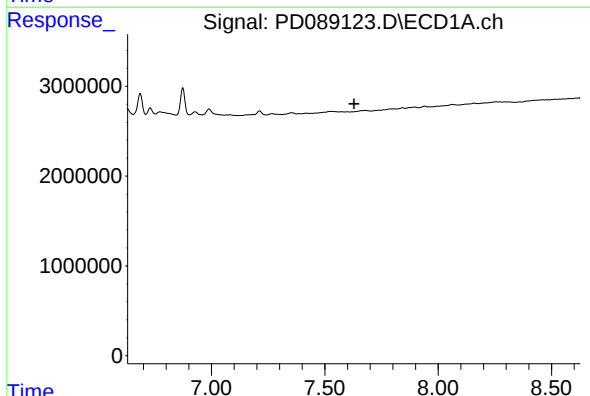
R.T.: 7.526 min
Delta R.T.: 0.033 min
Response: 103594
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



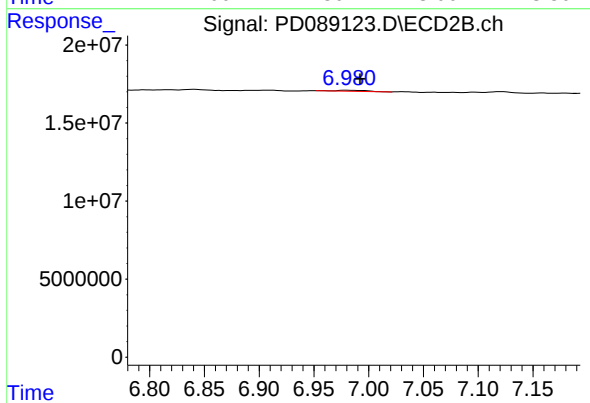
#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.006 min
Response: 1519355
Conc: 0.14 ng/ml



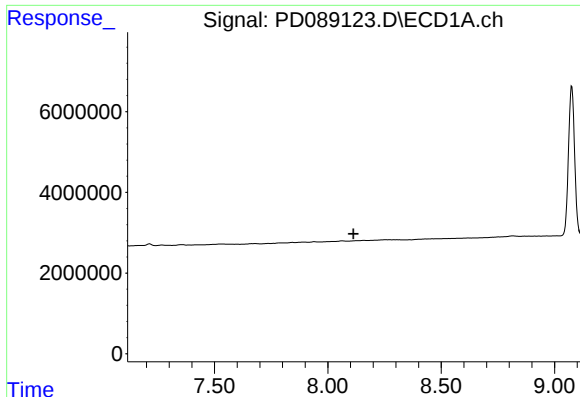
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.629 min
Response: 0
Conc: N.D.



#21 Endrin ketone

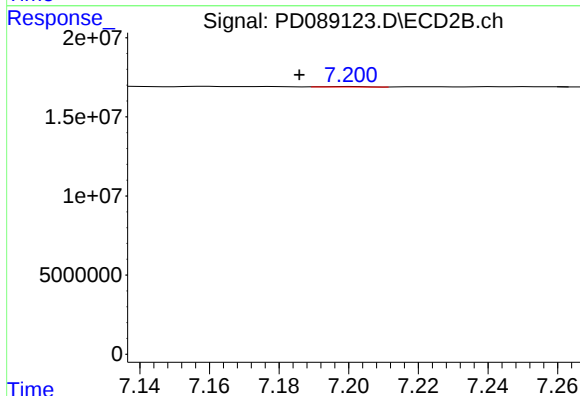
R.T.: 6.980 min
Delta R.T.: -0.012 min
Response: 1292029
Conc: 0.06 ng/ml



#22 Mirex

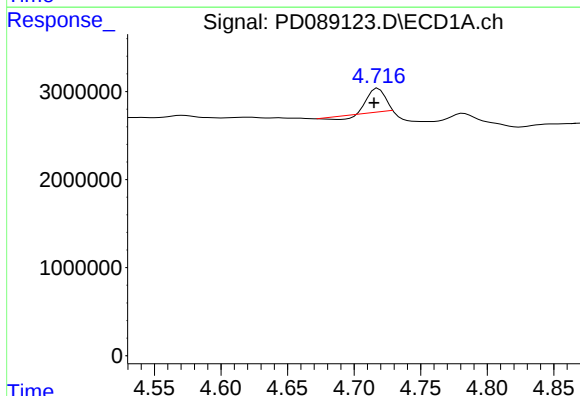
R.T.: 0.000 min
Exp R.T.: 8.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



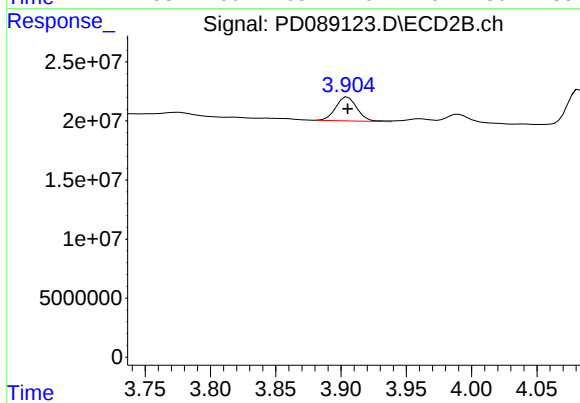
#22 Mirex

R.T.: 7.201 min
Delta R.T.: 0.015 min
Response: 178714
Conc: 0.01 ng/ml



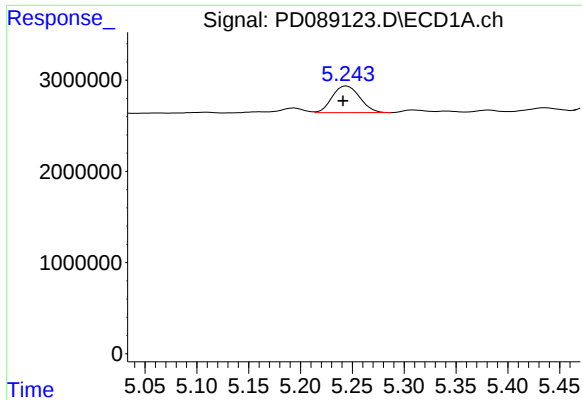
#23 Chlordane-1

R.T.: 4.718 min
Delta R.T.: 0.003 min
Response: 2152650
Conc: 10.06 ng/ml



#23 Chlordane-1

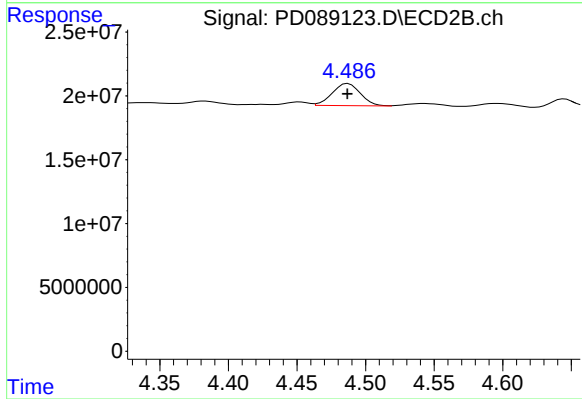
R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 23130412
Conc: 24.81 ng/ml



#24 Chlordane-2

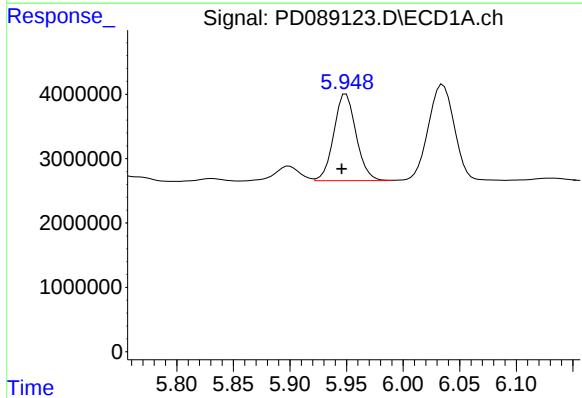
R.T.: 5.245 min
Delta R.T.: 0.004 min
Response: 5436335
Conc: 24.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



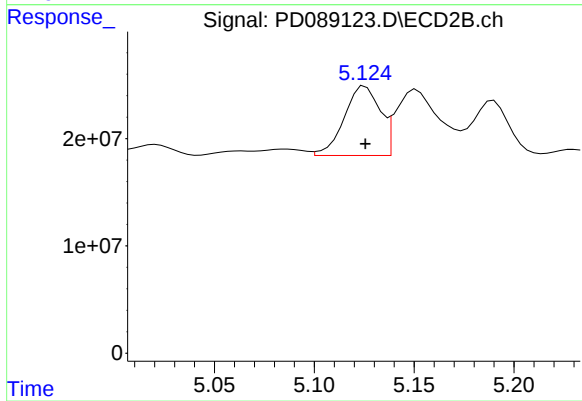
#24 Chlordane-2

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 24678951
Conc: 25.93 ng/ml



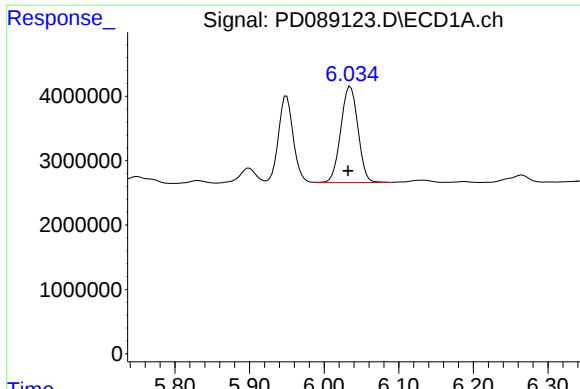
#25 Chlordane-3

R.T.: 5.950 min
Delta R.T.: 0.004 min
Response: 18524014
Conc: 21.48 ng/ml



#25 Chlordane-3

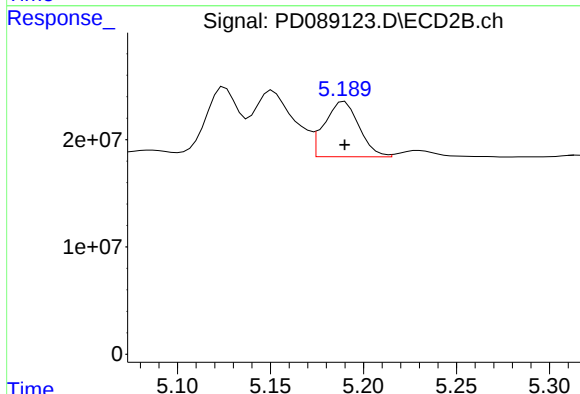
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 80327720
Conc: 27.04 ng/ml



#26 Chlordane-4

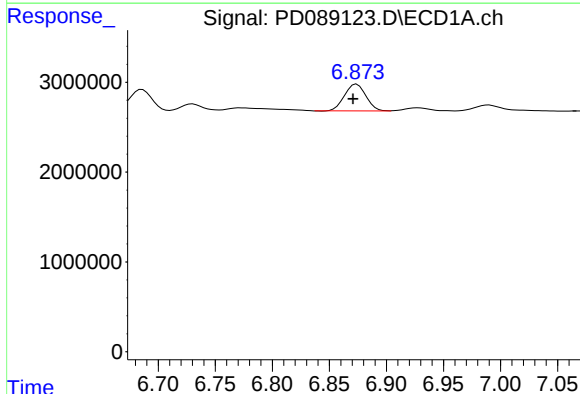
R.T.: 6.035 min
Delta R.T.: 0.003 min
Response: 23873499
Conc: 22.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



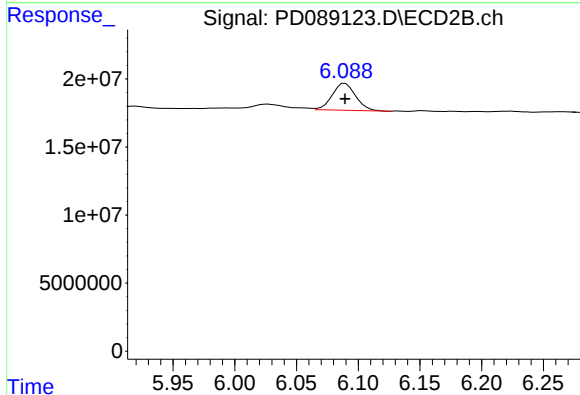
#26 Chlordane-4

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 66523075
Conc: 26.54 ng/ml



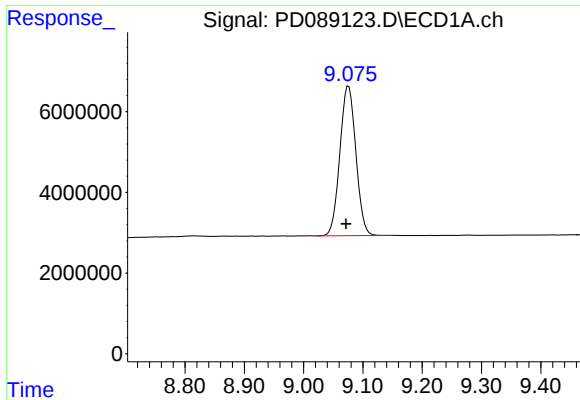
#27 Chlordane-5

R.T.: 6.874 min
Delta R.T.: 0.003 min
Response: 3884720
Conc: 21.26 ng/ml



#27 Chlordane-5

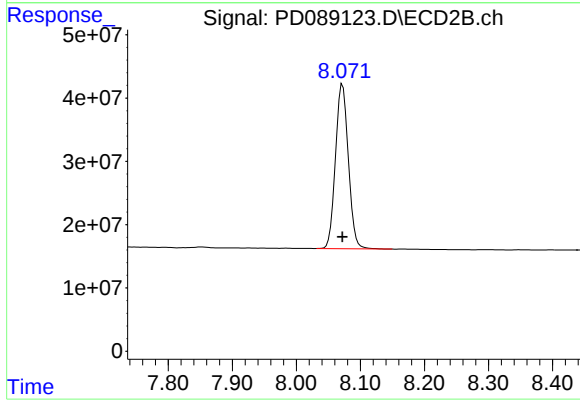
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 26289529
Conc: 23.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.004 min
Response: 69581629
Conc: 17.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 363149012
Conc: 18.37 ng/ml