

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101824\
 Data File : PD086100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2024 12:51
 Operator : AR\AJ
 Sample : P4368-01
 Misc : CHLOR LOD 25PPB SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 03:24:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 11 13:57:25 2024
 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...	3.450	2.876	22842736	123.7E6	18.815	19.807
28)	SA Decachlor...	8.905	8.059	41557395	119.8E6	19.244	22.500
Target Compounds							
2)	A alpha-BHC	3.857f	3.380	410171	568772	0.189	0.062 #
3)	MA gamma-BHC...	0.000	3.723	0	1754565	N.D.	0.205 #
4)	MA Heptachlor	4.812	4.070	2429124	10907389	1.216	1.527 #
5)	MB Aldrin	5.123f	4.369	2296612	28835899	1.008	3.345 #
6)	B beta-BHC	4.370f	4.021	327515	1124384	0.368	0.305
7)	B delta-BHC	4.669f	4.250	-7859	14337619	N.D.	1.732
8)	B Heptachlo...	5.562	4.878f	14345595	-1129581	6.880	N.D. #
9)	A Endosulfan I	0.000	5.212f	0	6554342	N.D.	0.957 #
10)	B gamma-Chl...	5.826	5.112	6403919	24634349	3.180	3.258
11)	B alpha-Chl...	5.910	5.176	11236869	30566254	5.503	4.060 #
12)	B 4,4'-DDE	0.000	5.359	0	312261	N.D.	0.046 #
13)	MA Dieldrin	6.229	5.481f	287989	789449	0.140	0.104 #
14)	MA Endrin	0.000	5.783	0	8933971	N.D.	1.436 #
15)	B Endosulfa...	6.658	6.076	3250858	8300127	1.777	1.310 #
16)	A 4,4'-DDD	6.564	5.914	4497622	-209961	3.288	N.D. #
17)	MA 4,4'-DDT	0.000	6.170	0	828102	N.D.	0.157 #
19)	B Endosulfa...	7.037f	6.473	253900	215576	0.146	0.038 #
20)	A Methoxychlor	0.000	6.738	0	752387	N.D.	0.281 #
22)	Mirex	7.990	7.173	1020703	1457321	0.603	0.249 #
23)	Chlordane-1	4.600	3.893	376628	7856709	5.012	28.071 #
24)	Chlordane-2	5.123	4.474	2296612	17734025	27.517	57.553 #
25)	Chlordane-3	5.826	5.112	6403919	24634349	20.147	30.440 #
26)	Chlordane-4	5.910	5.176	11236869	30566254	28.589	41.920 #
27)	Chlordane-5	0.000	6.076	0	8300127	N.D.	27.423 #

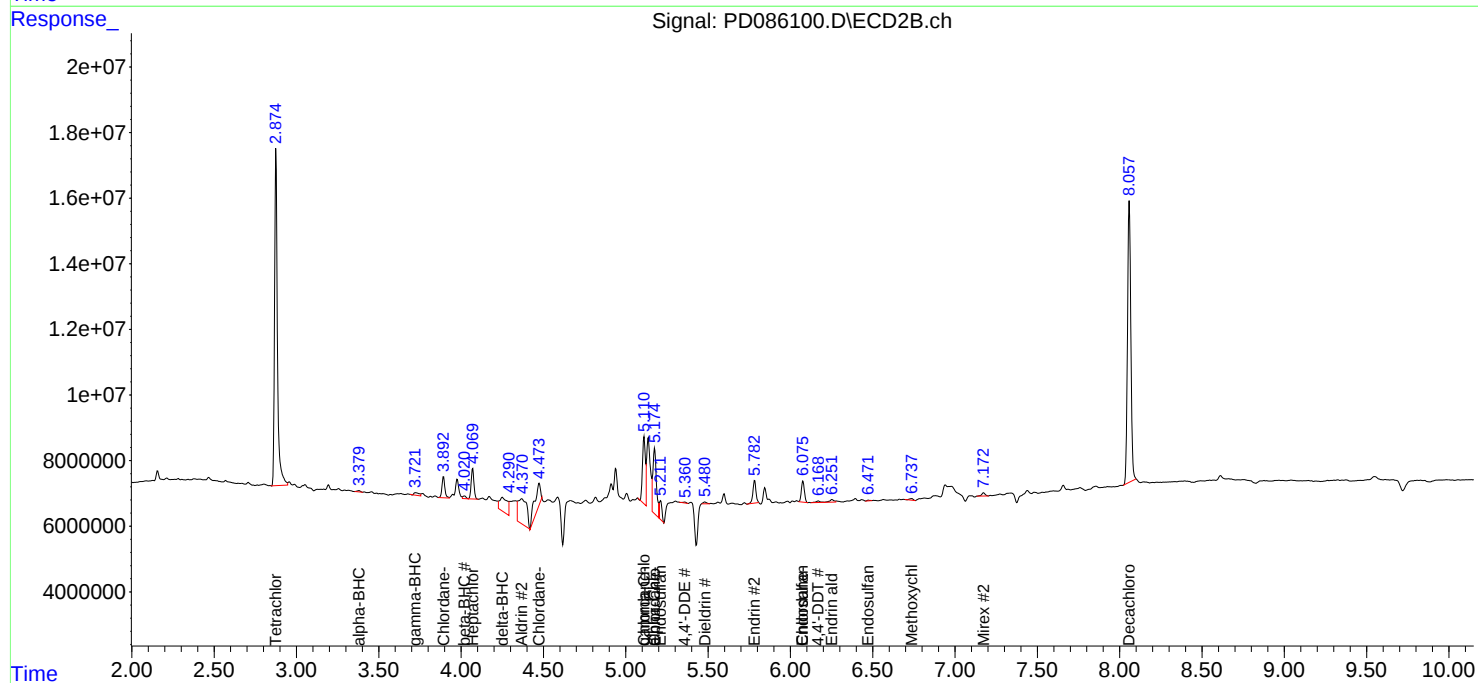
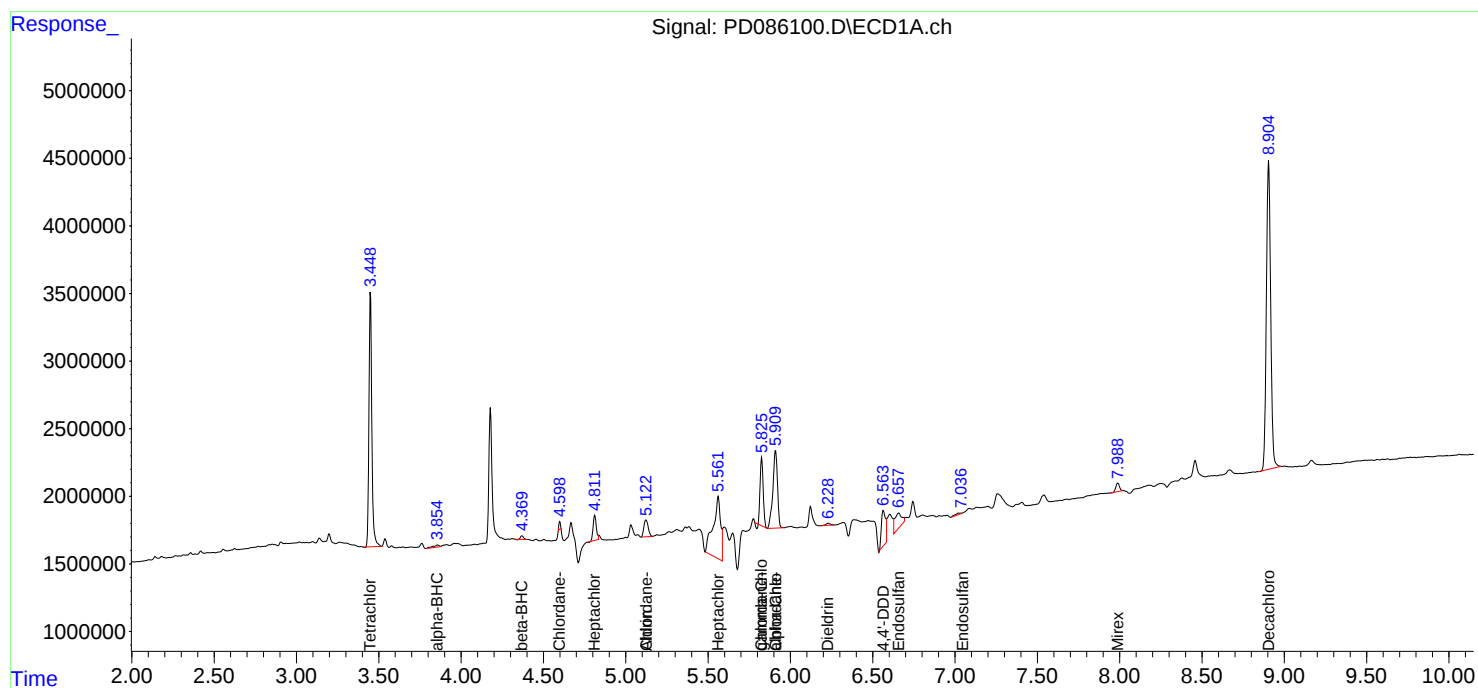
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

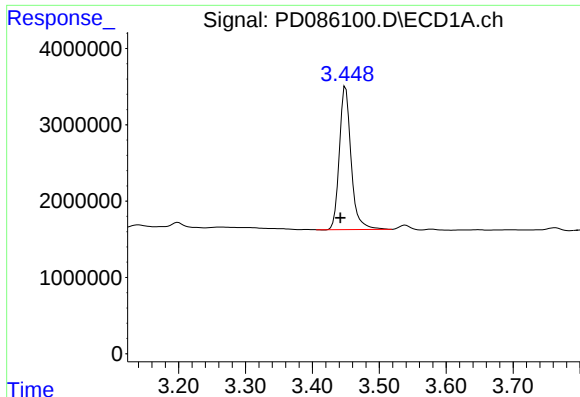
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101824\
Data File : PD086100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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LOD-MDL-SOIL-01-QT4-2024

Integration File signal 1: autoint1.e
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Quant Time: Oct 18 03:24:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
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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

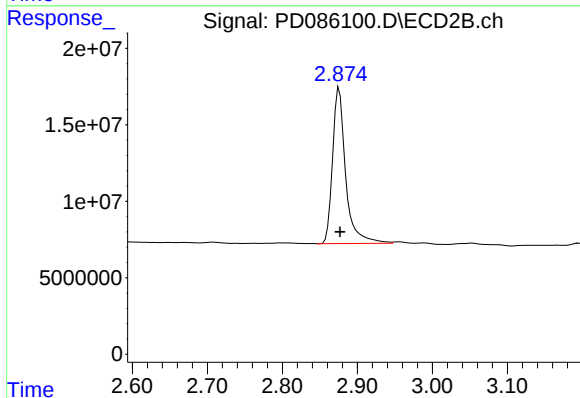




#1 Tetrachloro-m-xylene

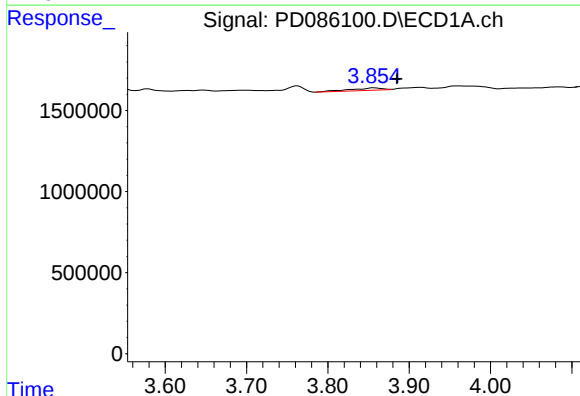
R.T.: 3.450 min
Delta R.T.: 0.008 min
Response: 22842736
Conc: 18.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



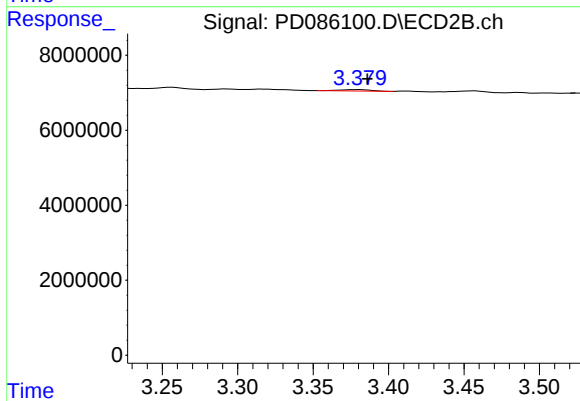
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 123651920
Conc: 19.81 ng/ml



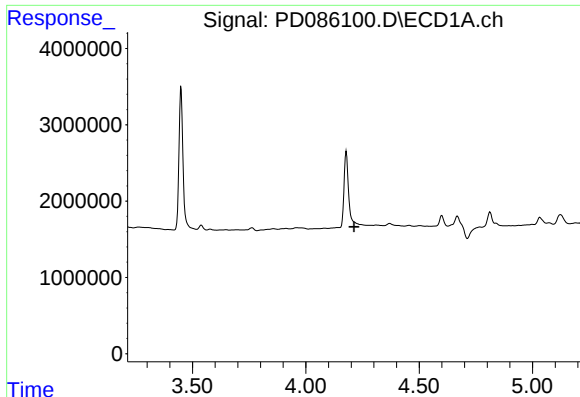
#2 alpha-BHC

R.T.: 3.857 min
Delta R.T.: -0.028 min
Response: 410171
Conc: 0.19 ng/ml



#2 alpha-BHC

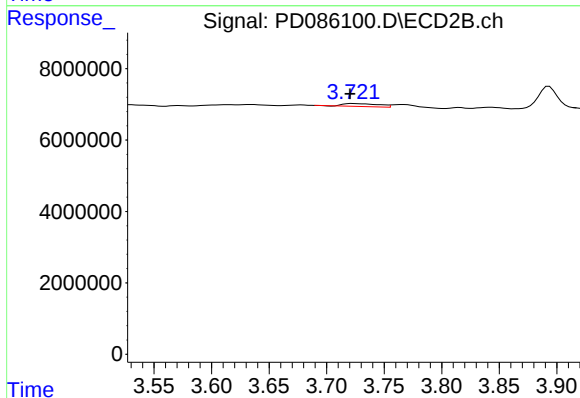
R.T.: 3.380 min
Delta R.T.: -0.006 min
Response: 568772
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

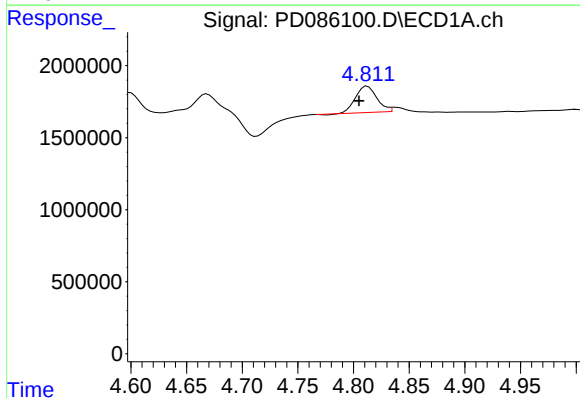
R.T.: 0.000 min
Exp R.T.: 4.213 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



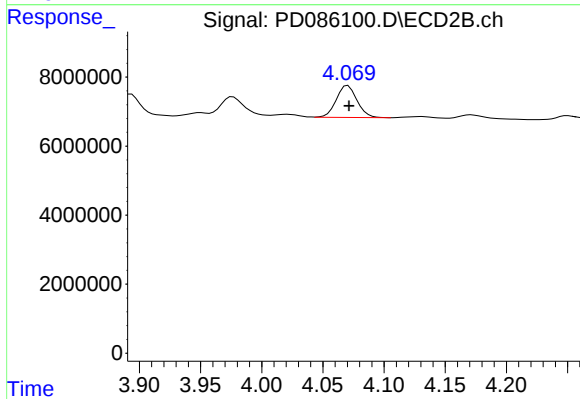
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.002 min
Response: 1754565
Conc: 0.20 ng/ml



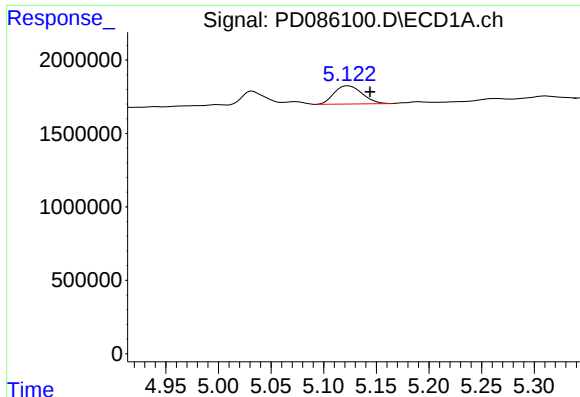
#4 Heptachlor

R.T.: 4.812 min
Delta R.T.: 0.007 min
Response: 2429124
Conc: 1.22 ng/ml



#4 Heptachlor

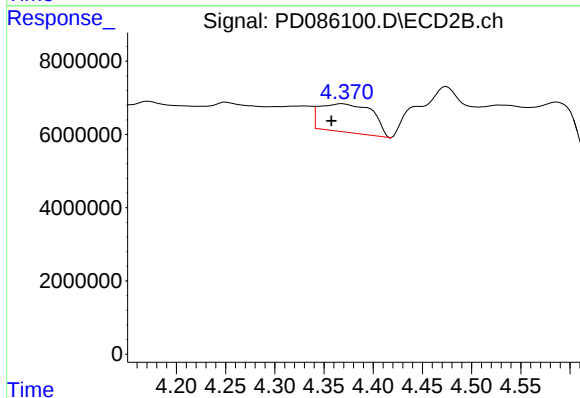
R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 10907389
Conc: 1.53 ng/ml



#5 Aldrin

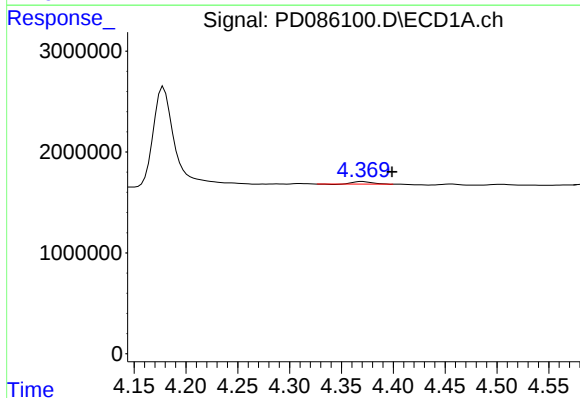
R.T.: 5.123 min
Delta R.T.: -0.021 min
Response: 2296612
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



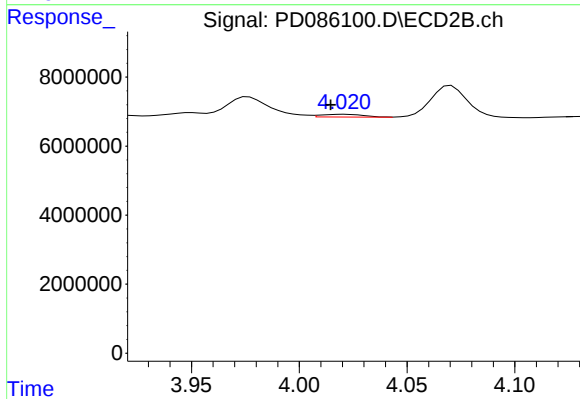
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.011 min
Response: 28835899
Conc: 3.35 ng/ml



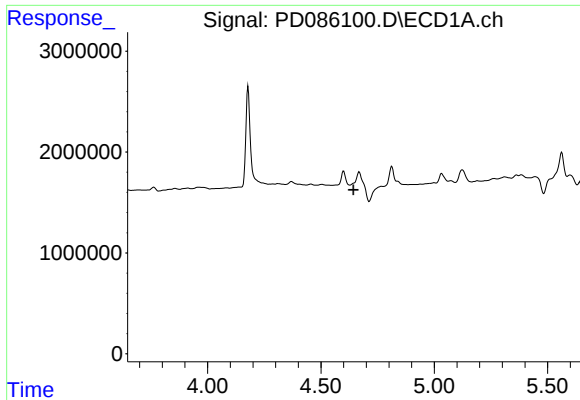
#6 beta-BHC

R.T.: 4.370 min
Delta R.T.: -0.029 min
Response: 327515
Conc: 0.37 ng/ml



#6 beta-BHC

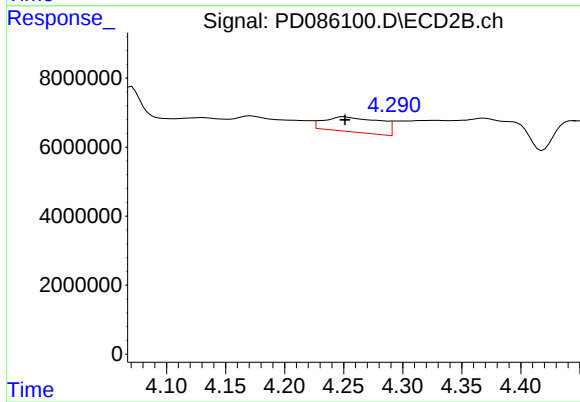
R.T.: 4.021 min
Delta R.T.: 0.006 min
Response: 1124384
Conc: 0.30 ng/ml



#7 delta-BHC

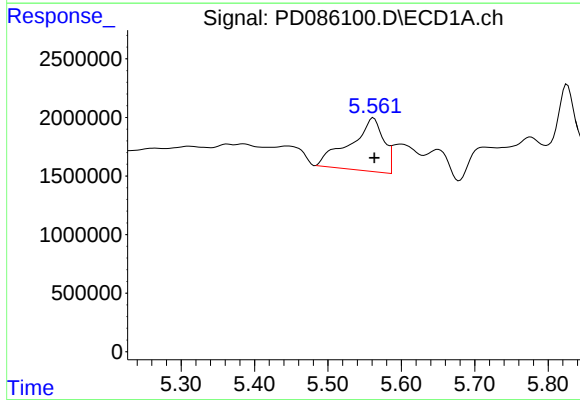
R.T.: 4.669 min
Delta R.T.: 0.025 min
Response: -7859
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



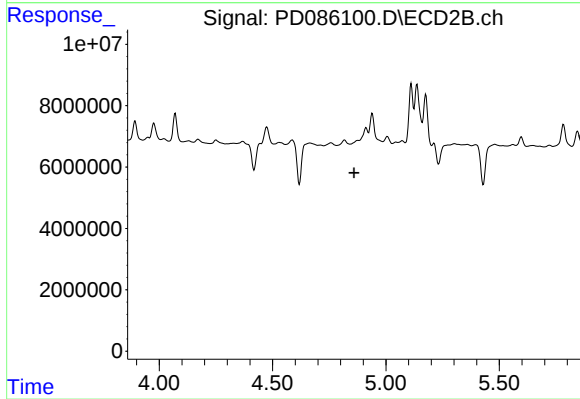
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 14337619
Conc: 1.73 ng/ml



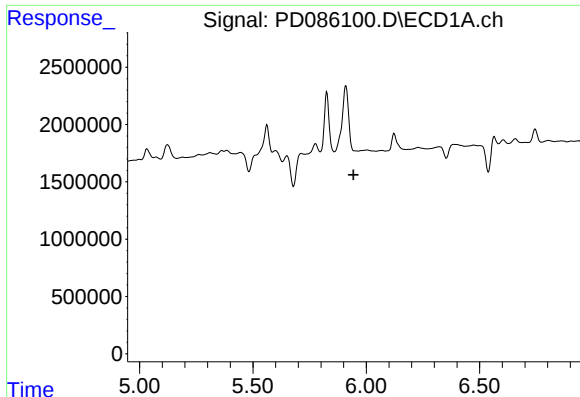
#8 Heptachlor epoxide

R.T.: 5.562 min
Delta R.T.: -0.001 min
Response: 14345595
Conc: 6.88 ng/ml



#8 Heptachlor epoxide

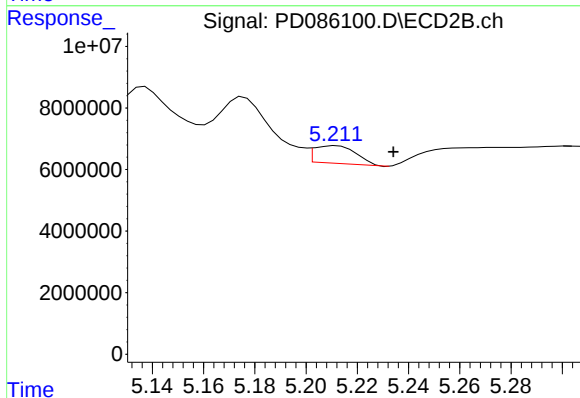
R.T.: 4.878 min
Delta R.T.: 0.018 min
Response: -1129581
Conc: N.D.



#9 Endosulfan I

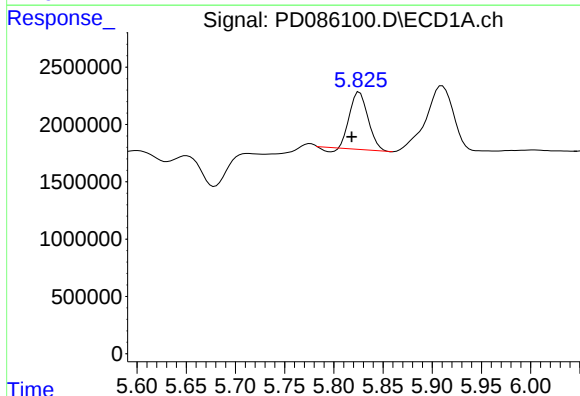
R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



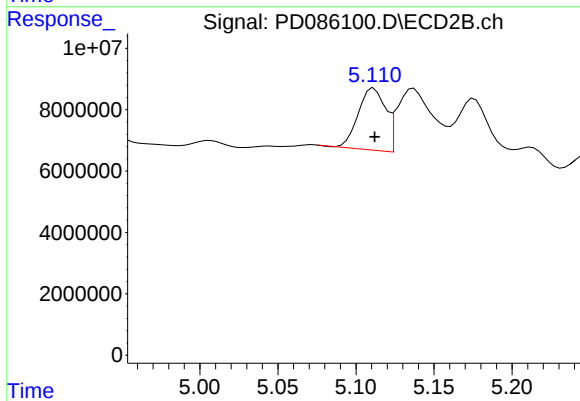
#9 Endosulfan I

R.T.: 5.212 min
Delta R.T.: -0.022 min
Response: 6554342
Conc: 0.96 ng/ml



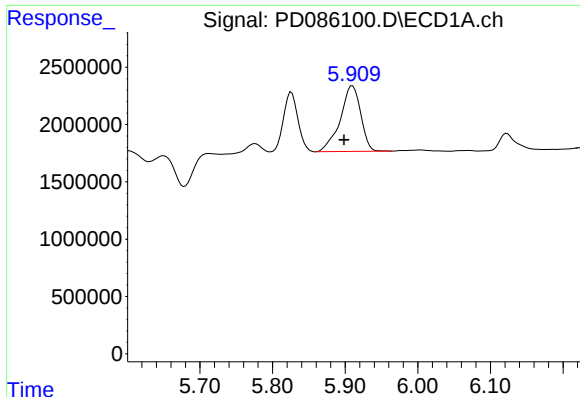
#10 gamma-Chlordane

R.T.: 5.826 min
Delta R.T.: 0.008 min
Response: 6403919
Conc: 3.18 ng/ml



#10 gamma-Chlordane

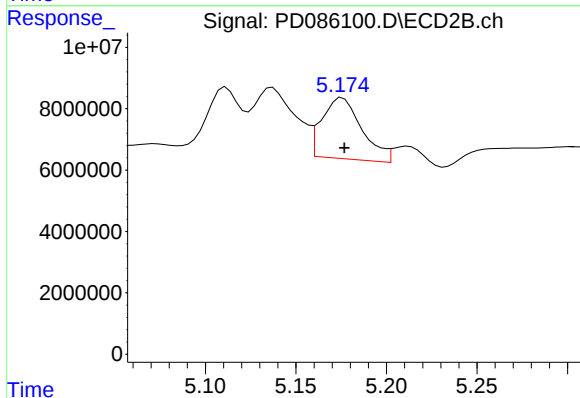
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 24634349
Conc: 3.26 ng/ml



#11 alpha-Chlordane

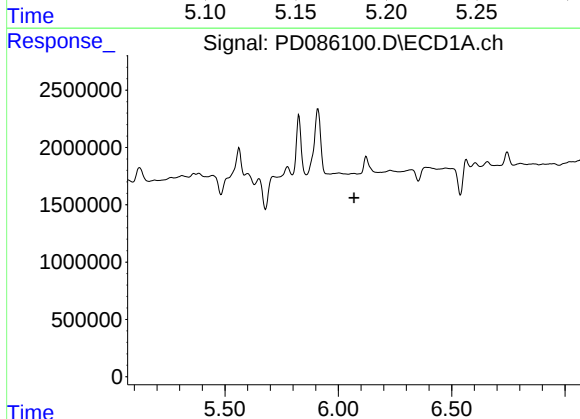
R.T.: 5.910 min
Delta R.T.: 0.012 min
Response: 11236869
Conc: 5.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



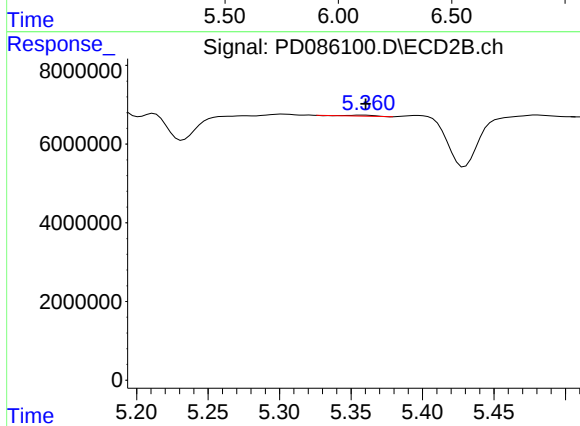
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 30566254
Conc: 4.06 ng/ml



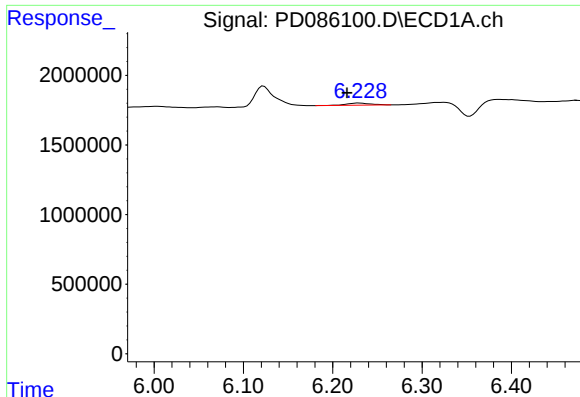
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.070 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

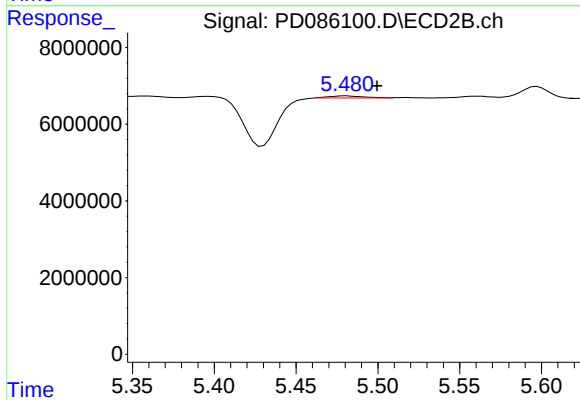
R.T.: 5.359 min
Delta R.T.: -0.001 min
Response: 312261
Conc: 0.05 ng/ml



#13 Dieldrin

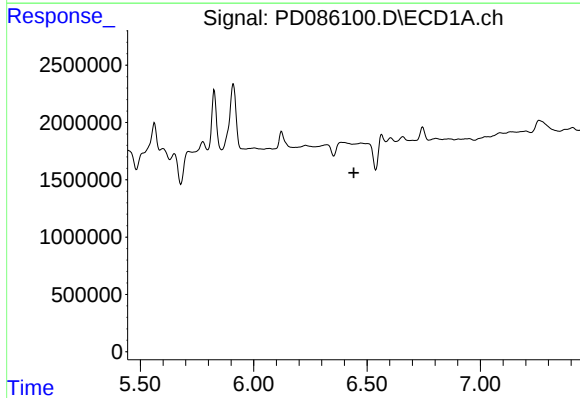
R.T.: 6.229 min
Delta R.T.: 0.013 min
Response: 287989
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



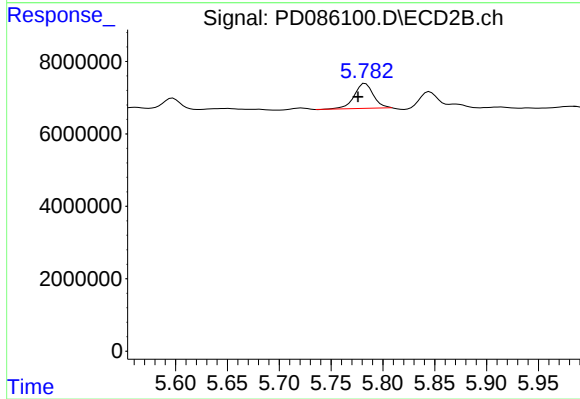
#13 Dieldrin

R.T.: 5.481 min
Delta R.T.: -0.019 min
Response: 789449
Conc: 0.10 ng/ml



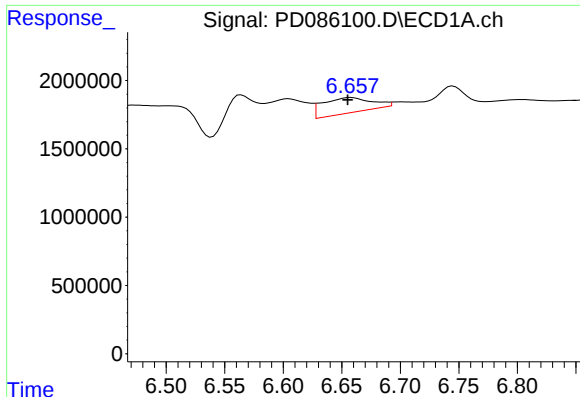
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.442 min
Response: 0
Conc: N.D.



#14 Endrin

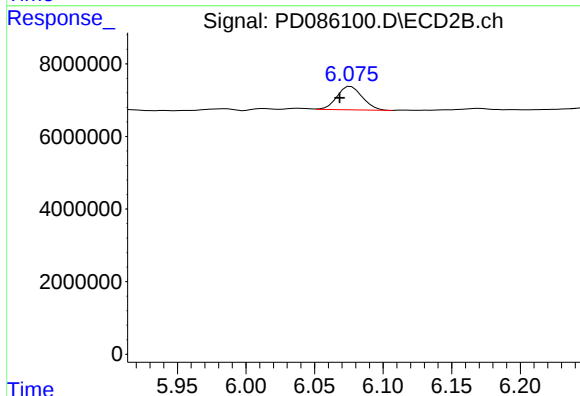
R.T.: 5.783 min
Delta R.T.: 0.007 min
Response: 8933971
Conc: 1.44 ng/ml



#15 Endosulfan II

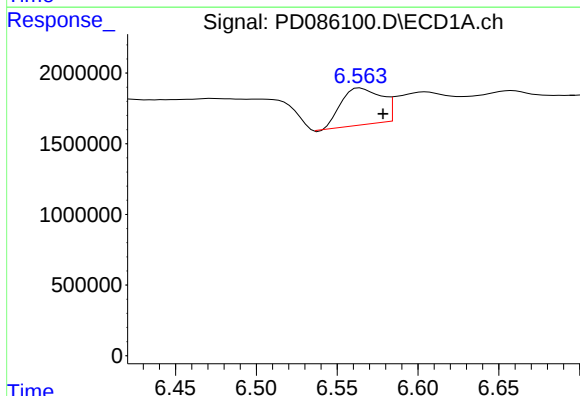
R.T.: 6.658 min
Delta R.T.: 0.003 min
Response: 3250858
Conc: 1.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



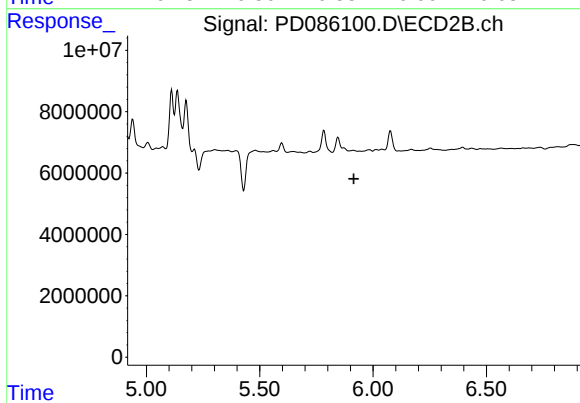
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.008 min
Response: 8300127
Conc: 1.31 ng/ml



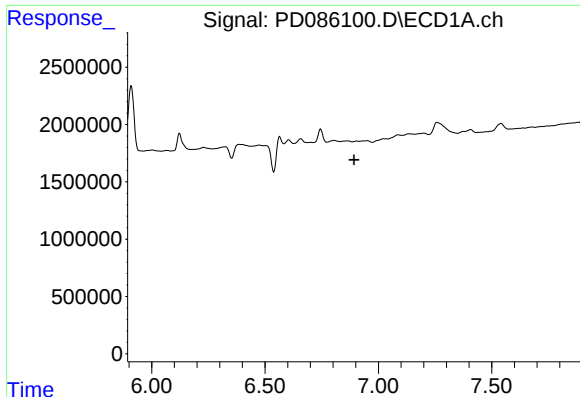
#16 4,4'-DDD

R.T.: 6.564 min
Delta R.T.: -0.014 min
Response: 4497622
Conc: 3.29 ng/ml



#16 4,4'-DDD

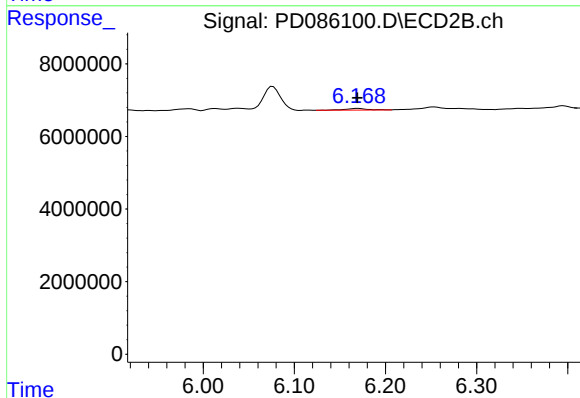
R.T.: 5.914 min
Delta R.T.: -0.001 min
Response: -209961
Conc: N.D.



#17 4,4'-DDT

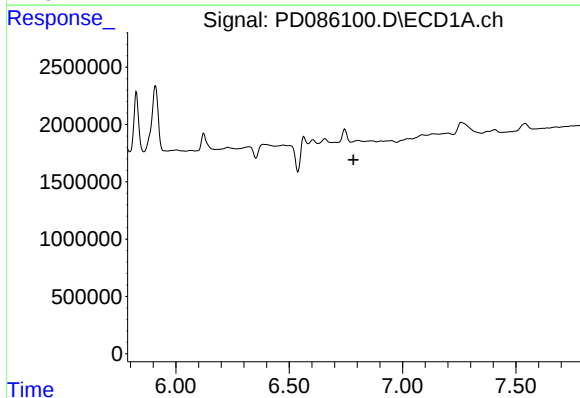
R.T.: 0.000 min
Exp R.T.: 6.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



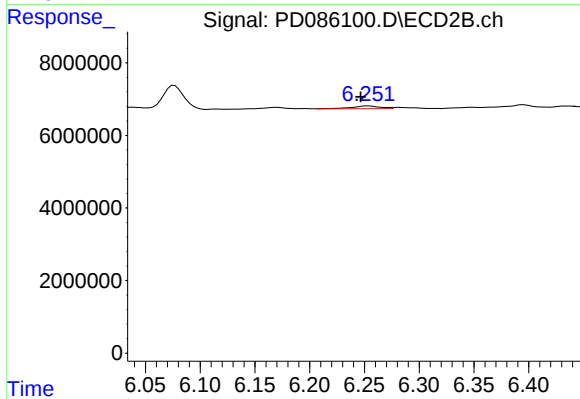
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 828102
Conc: 0.16 ng/ml



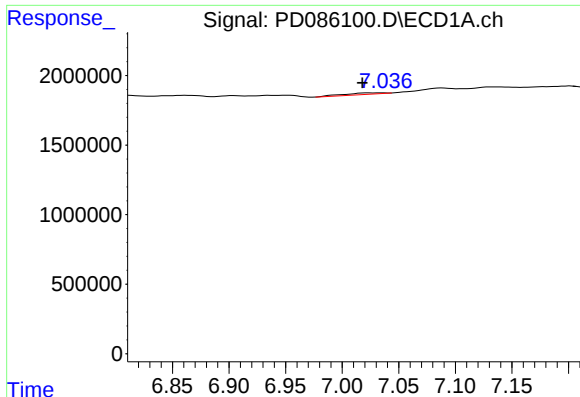
#18 Endrin aldehyde

R.T.: 6.804 min
Delta R.T.: 0.021 min
Response: -839583
Conc: N.D.



#18 Endrin aldehyde

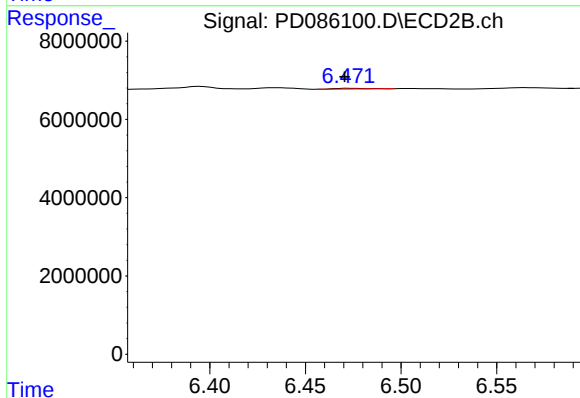
R.T.: 6.253 min
Delta R.T.: 0.006 min
Response: 1429993
Conc: 0.27 ng/ml



#19 Endosulfan Sulfate

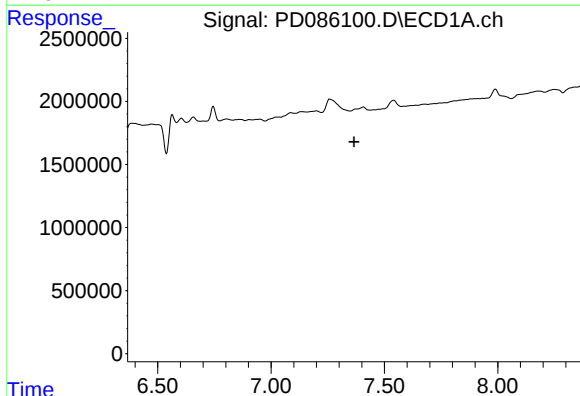
R.T.: 7.037 min
Delta R.T.: 0.019 min
Response: 253900
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



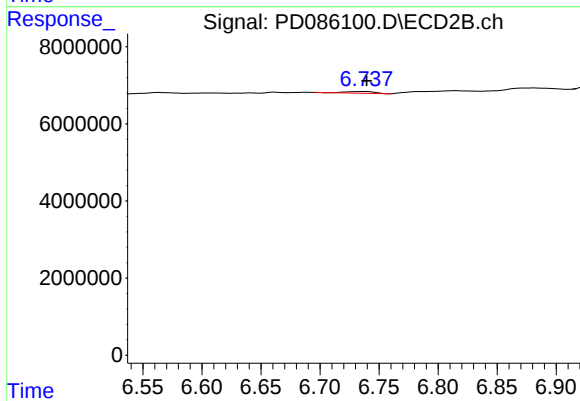
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.002 min
Response: 215576
Conc: 0.04 ng/ml



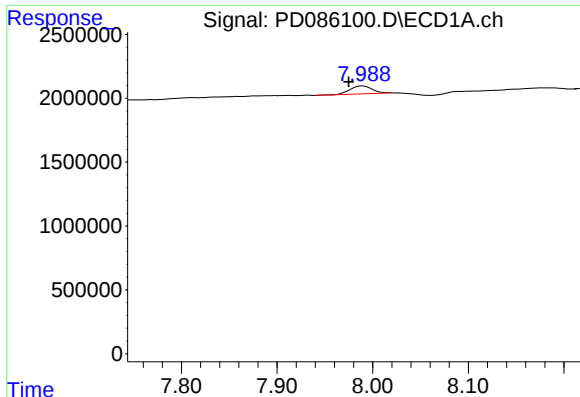
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.366 min
Response: 0
Conc: N.D.



#20 Methoxychlor

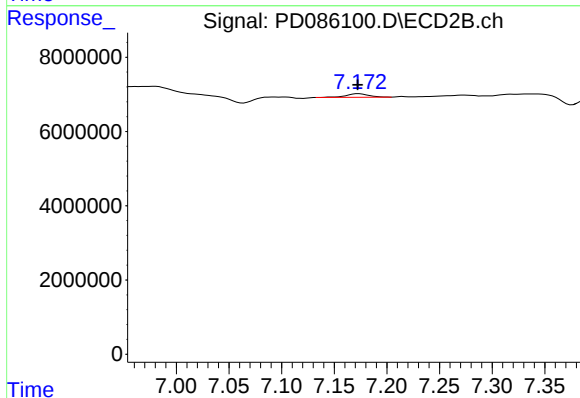
R.T.: 6.738 min
Delta R.T.: -0.002 min
Response: 752387
Conc: 0.28 ng/ml



#22 Mirex

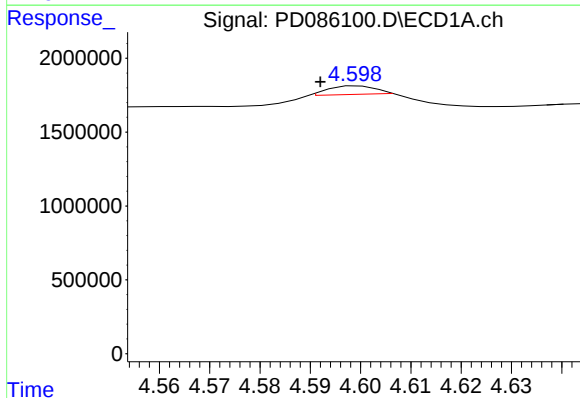
R.T.: 7.990 min
Delta R.T.: 0.015 min
Response: 1020703
Conc: 0.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



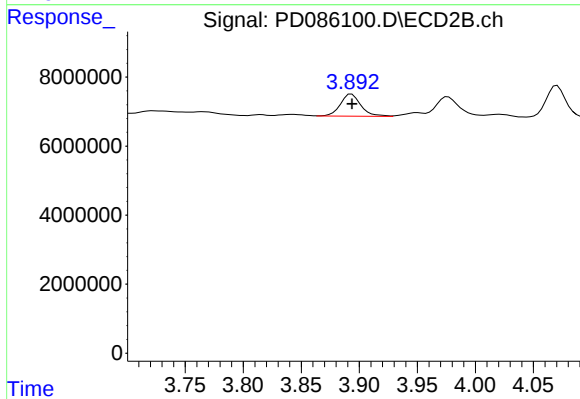
#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.001 min
Response: 1457321
Conc: 0.25 ng/ml



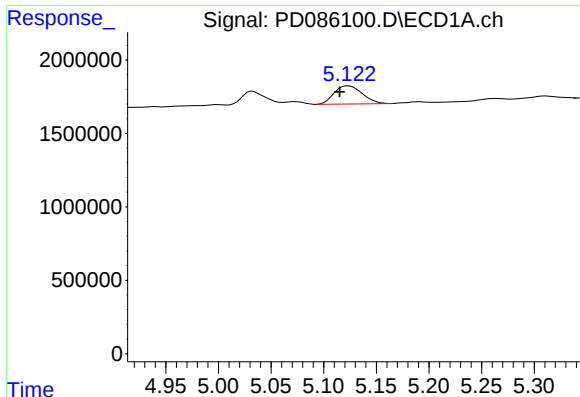
#23 Chlordane-1

R.T.: 4.600 min
Delta R.T.: 0.008 min
Response: 376628
Conc: 5.01 ng/ml



#23 Chlordane-1

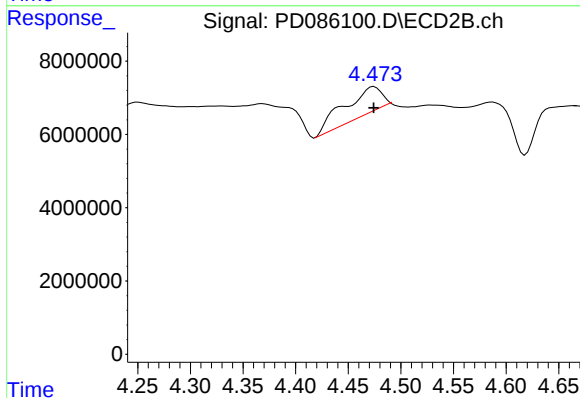
R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 7856709
Conc: 28.07 ng/ml



#24 Chlordane-2

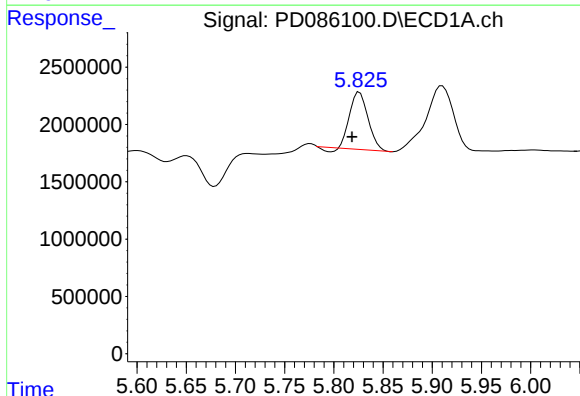
R.T.: 5.123 min
Delta R.T.: 0.008 min
Response: 2296612
Conc: 27.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



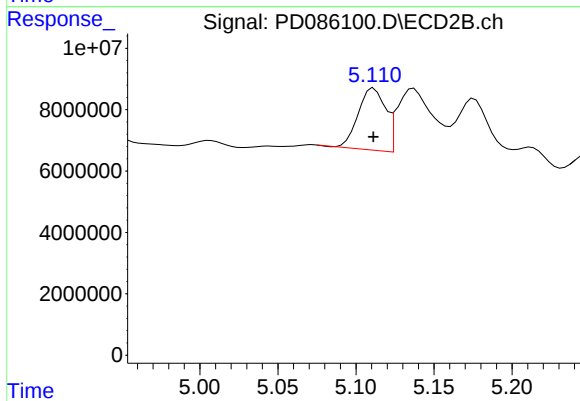
#24 Chlordane-2

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 17734025
Conc: 57.55 ng/ml



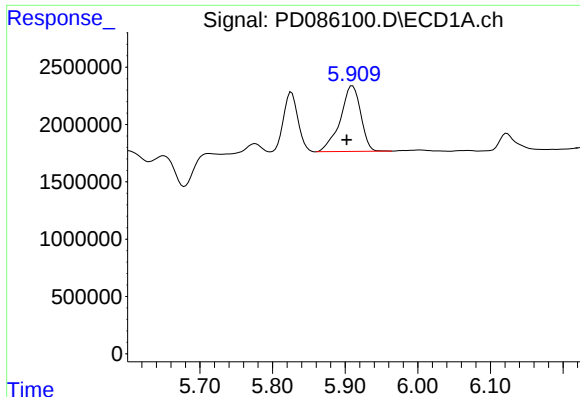
#25 Chlordane-3

R.T.: 5.826 min
Delta R.T.: 0.007 min
Response: 6403919
Conc: 20.15 ng/ml



#25 Chlordane-3

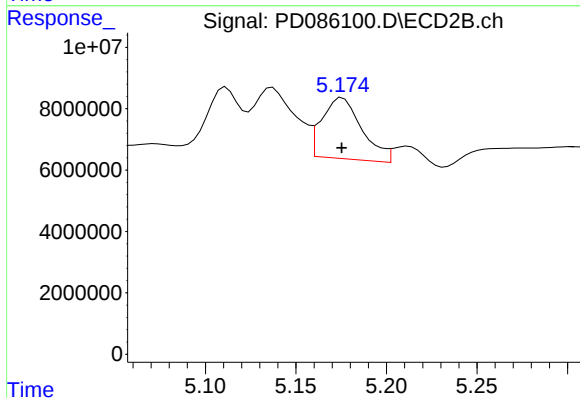
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 24634349
Conc: 30.44 ng/ml



#26 Chlordane-4

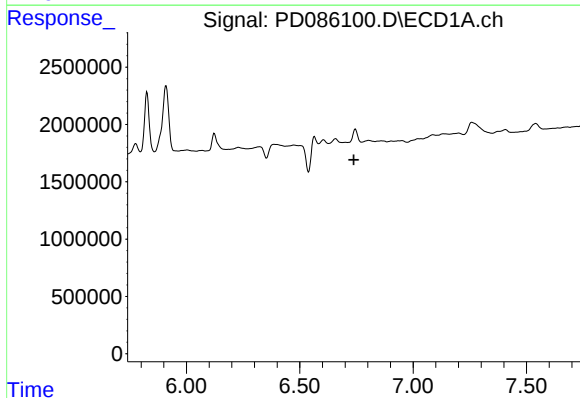
R.T.: 5.910 min
Delta R.T.: 0.008 min
Response: 11236869
Conc: 28.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



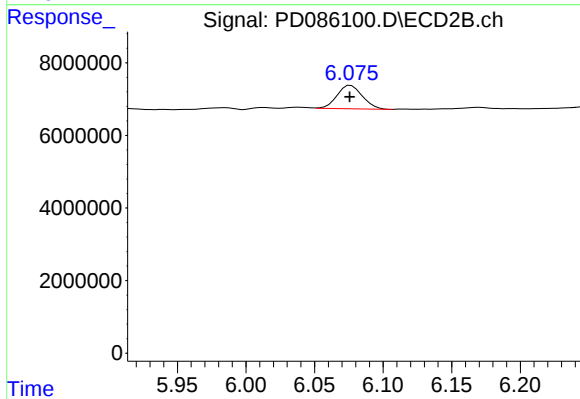
#26 Chlordane-4

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 30566254
Conc: 41.92 ng/ml



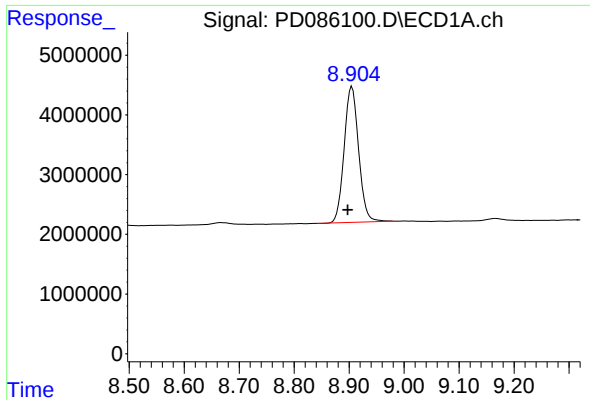
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.738 min
Response: 0
Conc: N.D.



#27 Chlordane-5

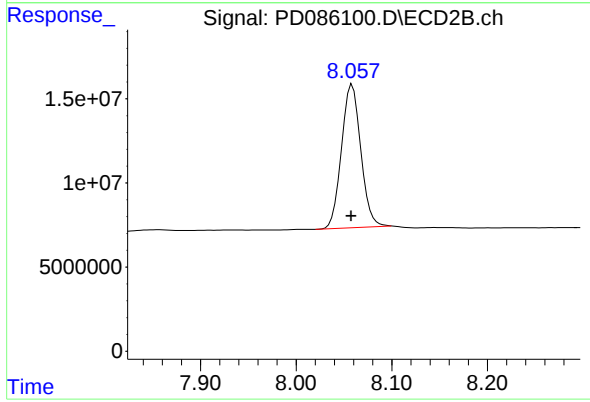
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 8300127
Conc: 27.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.905 min
Delta R.T.: 0.008 min
Response: 41557395
Conc: 19.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 119847044
Conc: 22.50 ng/ml