

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
 Data File : PD091603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 14:18
 Operator : AR\AJ
 Sample : Q3530-02
 Misc : CHLOR LOQ 50PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 04:56:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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	2.869	65712789	900.9E6	18.919	22.865
28)	SA Decachlor...	9.064	8.056	100.4E6	934.0E6	19.312	22.556
Target Compounds							
2)	A alpha-BHC	3.995	3.371	-165688	36535986	N.D.	0.536
3)	MA gamma-BHC...	4.336f	3.719	386386	1148720	0.051	0.020 #
4)	MA Heptachlor	4.921	4.069	13006839	129.5E6	1.832	2.222
5)	MB Aldrin	5.234f	4.368	10143016	55946975	1.458	0.965 #
6)	B beta-BHC	4.499	4.025	1173142	2958905	0.406	0.123 #
7)	B delta-BHC	4.773f	4.254	11085522	18371497	1.853	0.307 #
8)	B Heptachlo...	5.672	4.865	14306311	-10053784	2.310	N.D. #
9)	A Endosulfan I	0.000	5.214f	0	55710321	N.D.	1.137 #
10)	B gamma-Chl...	5.939	5.111	33844988	314.7E6	5.307	5.639
11)	B alpha-Chl...	6.025	5.175	42774366	296.9E6	6.369	5.544
12)	B 4,4'-DDE	6.178	5.365	342448	51285617	0.059	0.936 #
13)	MA Dieldrin	6.347	5.480f	1264293	6022653	0.194	0.109 #
14)	MA Endrin	0.000	5.782	0	182.5E6	N.D.	3.492 #
15)	B Endosulfa...	6.766	6.075	5579945	104.6E6	0.918	2.221 #
16)	A 4,4'-DDD	6.677f	5.911	7944127	-2269063	1.726	N.D. #
17)	MA 4,4'-DDT	6.990f	6.165	1723704	24637832	0.334	0.520 #
18)	B Endrin al...	6.919	6.260f	1865120	14044364	0.446	0.393
19)	B Endosulfa...	7.143	6.465	211921	6180513	0.040	0.134 #
20)	A Methoxychlor	0.000	6.722f	0	13433348	N.D.	0.569 #
21)	B Endrin ke...	7.612	0.000	889442	0	0.158	N.D. #
22)	Mirex	8.108	7.169	1686620	15167585	0.454	0.463
23)	Chlordane-1	4.707	3.891	9335507	76246091	44.468	51.038
24)	Chlordane-2	5.234	4.473	10143016	211.8E6	49.585	134.165 #
25)	Chlordane-3	5.939	5.111	33844988	314.7E6	41.301	61.802 #
26)	Chlordane-4	6.025	5.175	42774366	296.9E6	42.116	69.551 #
27)	Chlordane-5	6.864	6.075	9318266	104.6E6	52.684	55.183

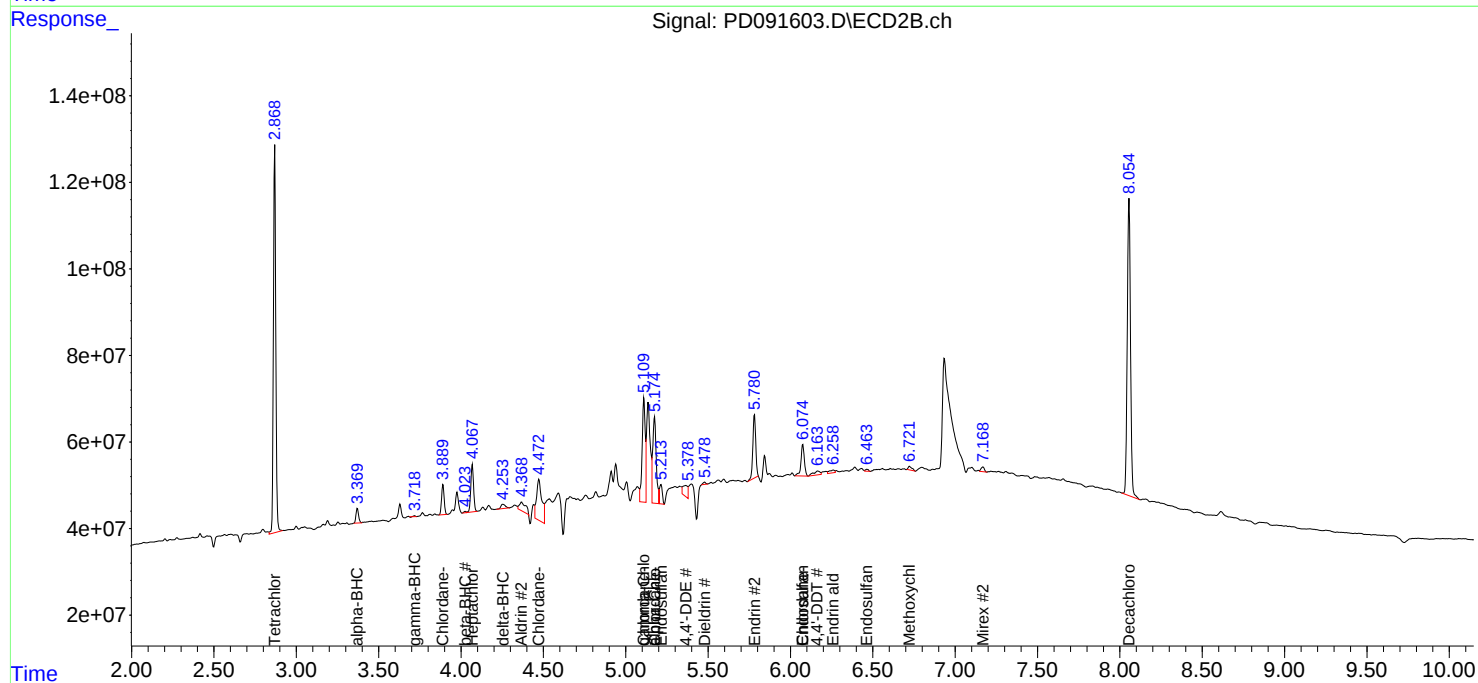
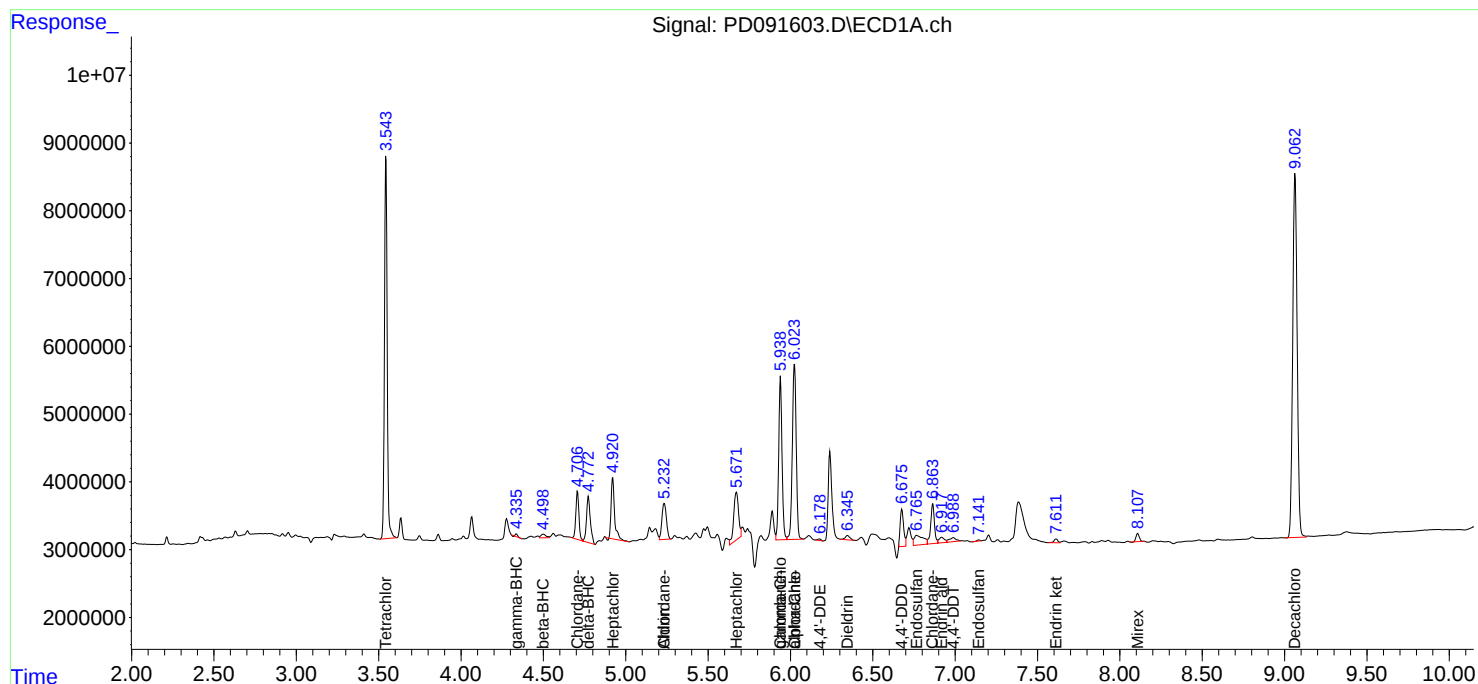
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

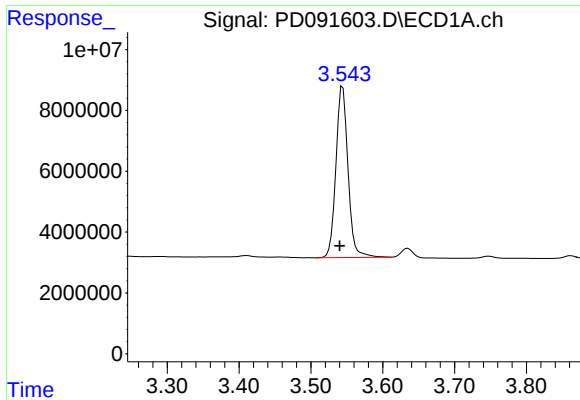
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
Data File : PD091603.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 14:18
Operator : AR\AJ
Sample : Q3530-02
Misc : CHLOR LOQ 50PPB
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 04:56:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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

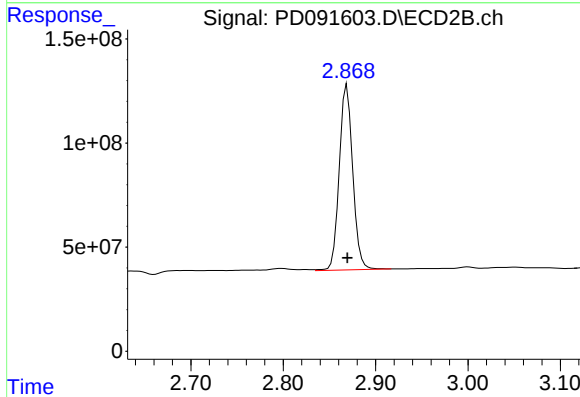




#1 Tetrachloro-m-xylene

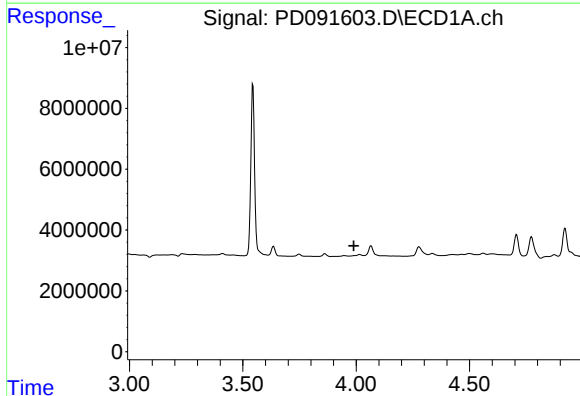
R.T.: 3.544 min
Delta R.T.: 0.004 min
Response: 65712789
Conc: 18.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



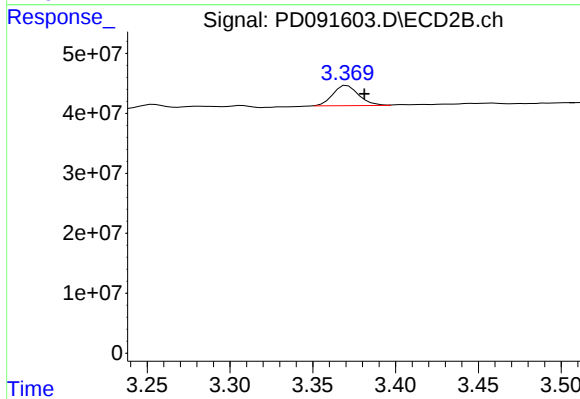
#1 Tetrachloro-m-xylene

R.T.: 2.869 min
Delta R.T.: 0.000 min
Response: 900944637
Conc: 22.86 ng/ml



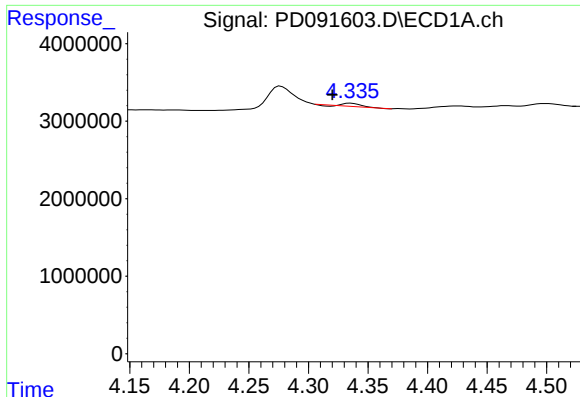
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.005 min
Response: -165688
Conc: N.D.



#2 alpha-BHC

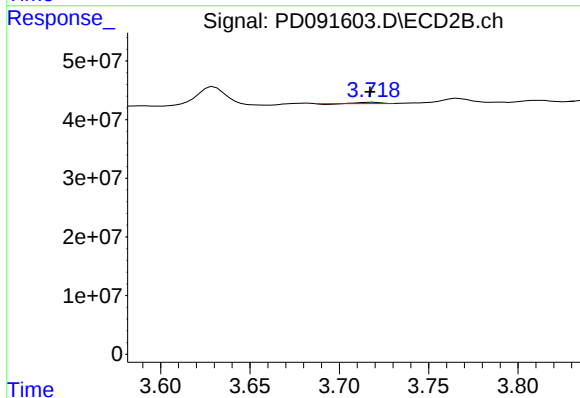
R.T.: 3.371 min
Delta R.T.: -0.010 min
Response: 36535986
Conc: 0.54 ng/ml



#3 gamma-BHC (Lindane)

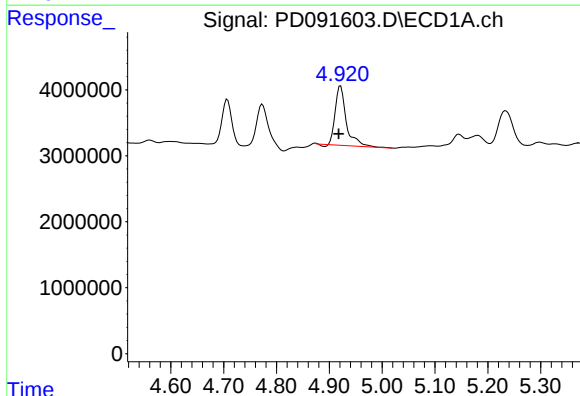
R.T.: 4.336 min
Delta R.T.: 0.016 min
Response: 386386
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



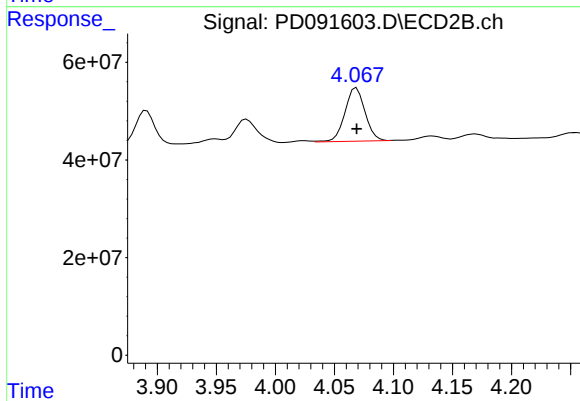
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: 0.001 min
Response: 1148720
Conc: 0.02 ng/ml



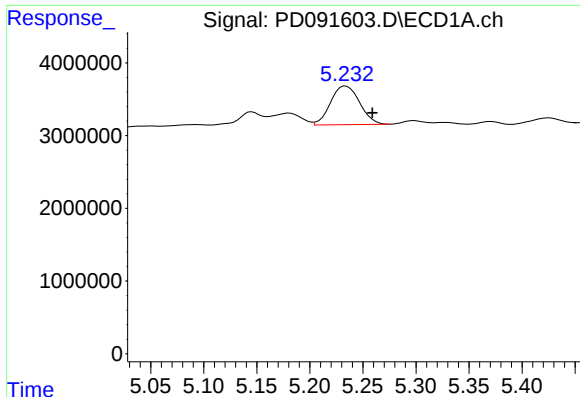
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.004 min
Response: 13006839
Conc: 1.83 ng/ml



#4 Heptachlor

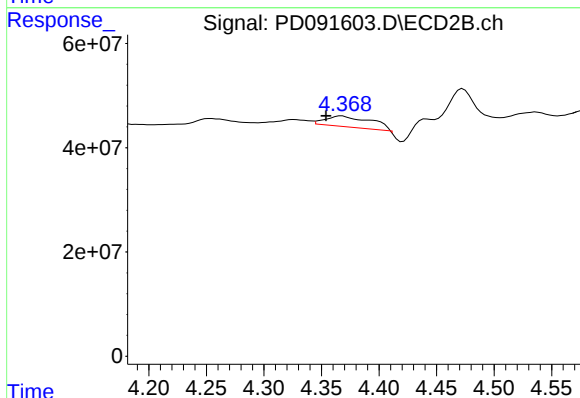
R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 129535458
Conc: 2.22 ng/ml



#5 Aldrin

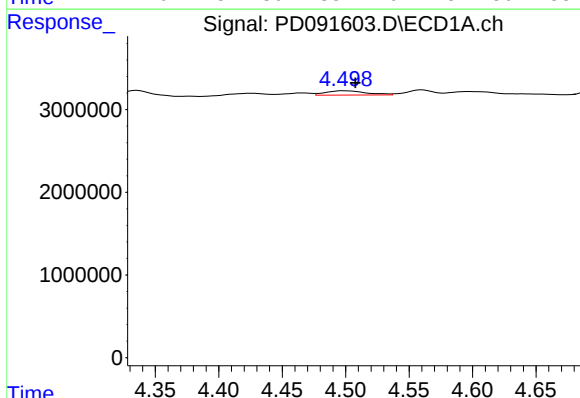
R.T.: 5.234 min
Delta R.T.: -0.025 min
Response: 10143016
Conc: 1.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



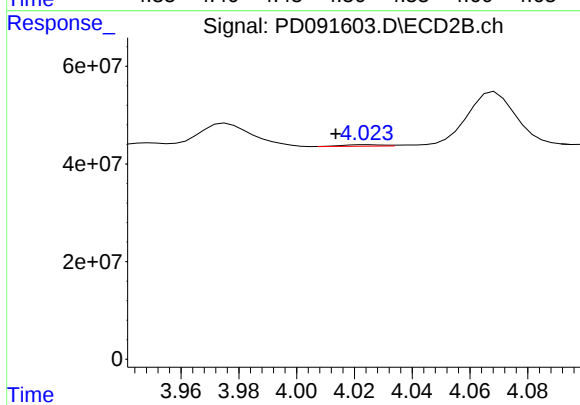
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.013 min
Response: 55946975
Conc: 0.96 ng/ml



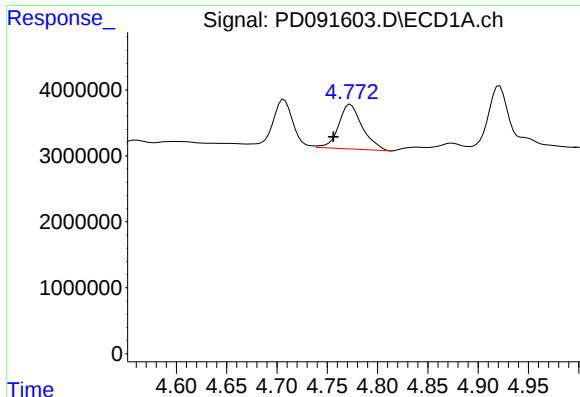
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: -0.008 min
Response: 1173142
Conc: 0.41 ng/ml



#6 beta-BHC

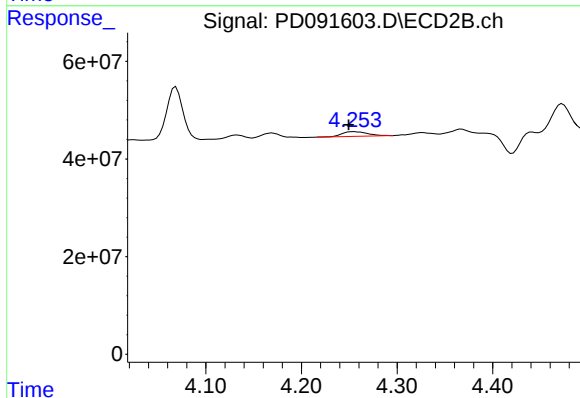
R.T.: 4.025 min
Delta R.T.: 0.011 min
Response: 2958905
Conc: 0.12 ng/ml



#7 delta-BHC

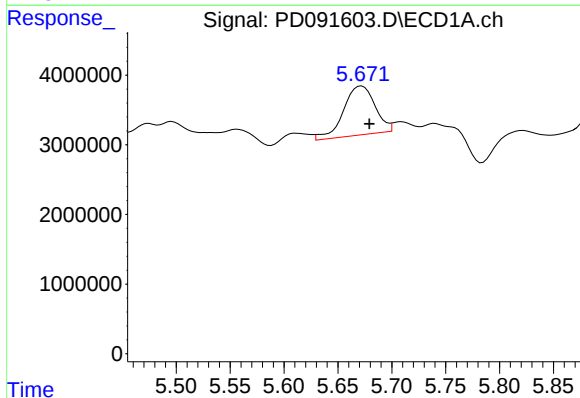
R.T.: 4.773 min
Delta R.T.: 0.017 min
Response: 11085522
Conc: 1.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



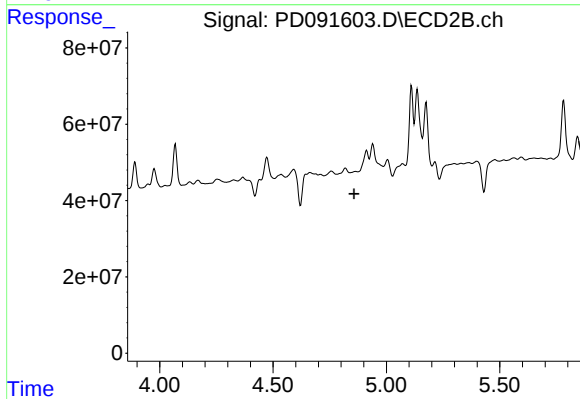
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.005 min
Response: 18371497
Conc: 0.31 ng/ml



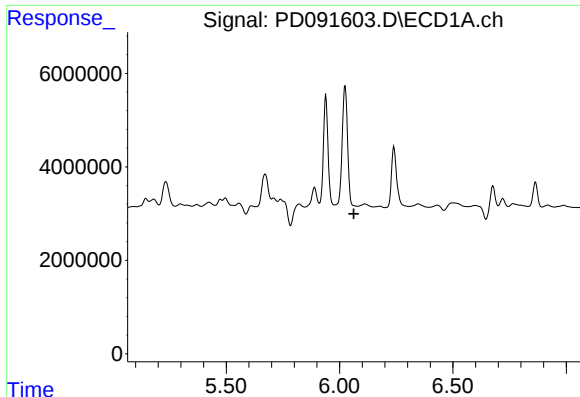
#8 Heptachlor epoxide

R.T.: 5.672 min
Delta R.T.: -0.007 min
Response: 14306311
Conc: 2.31 ng/ml



#8 Heptachlor epoxide

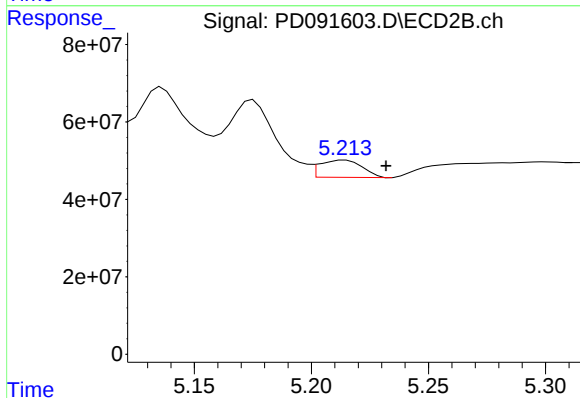
R.T.: 4.865 min
Delta R.T.: 0.007 min
Response: -10053784
Conc: N.D.



#9 Endosulfan I

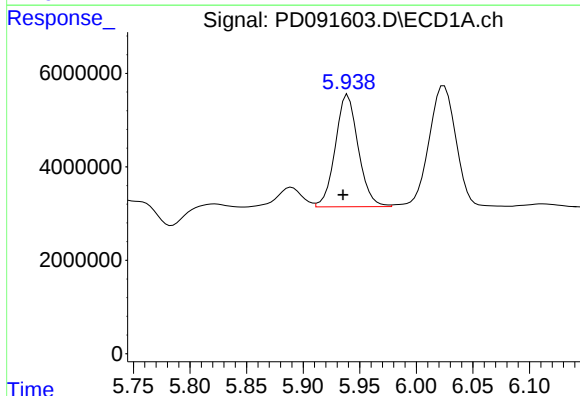
R.T.: 0.000 min
Exp R.T.: 6.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



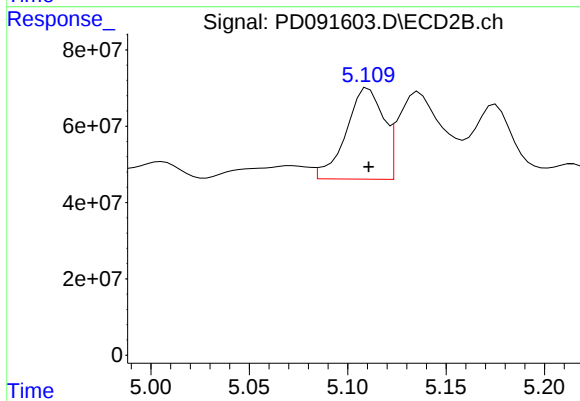
#9 Endosulfan I

R.T.: 5.214 min
Delta R.T.: -0.018 min
Response: 55710321
Conc: 1.14 ng/ml



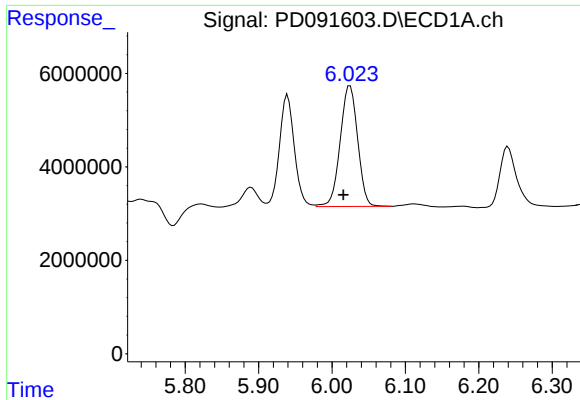
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.004 min
Response: 33844988
Conc: 5.31 ng/ml



#10 gamma-Chlordane

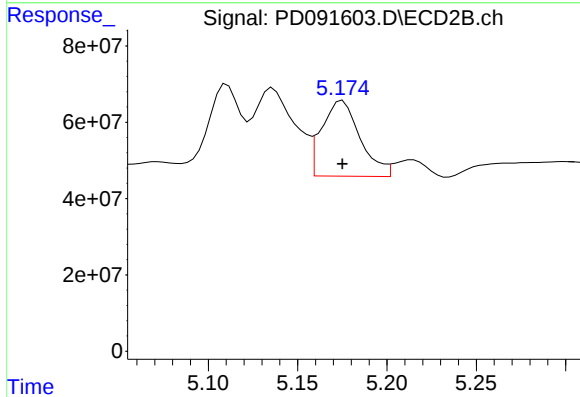
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 314749401
Conc: 5.64 ng/ml



#11 alpha-Chlordane

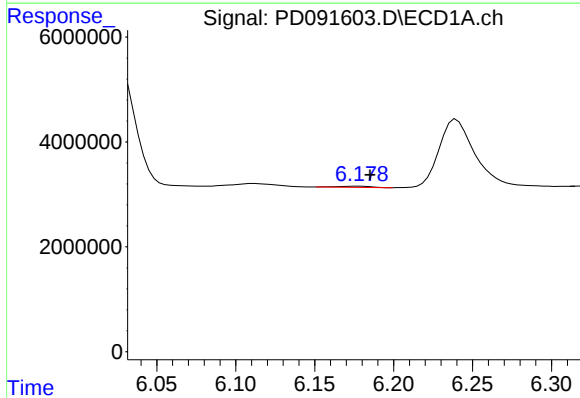
R.T.: 6.025 min
Delta R.T.: 0.009 min
Response: 42774366
Conc: 6.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



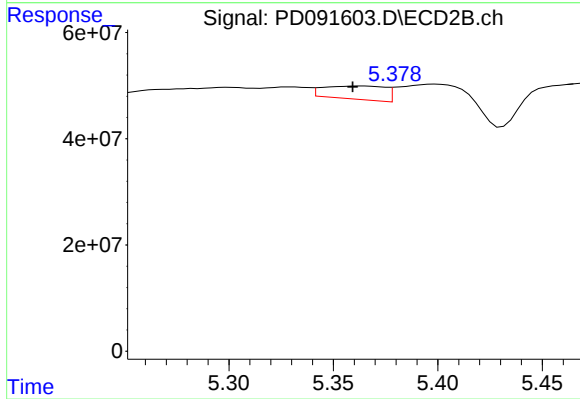
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 296880923
Conc: 5.54 ng/ml



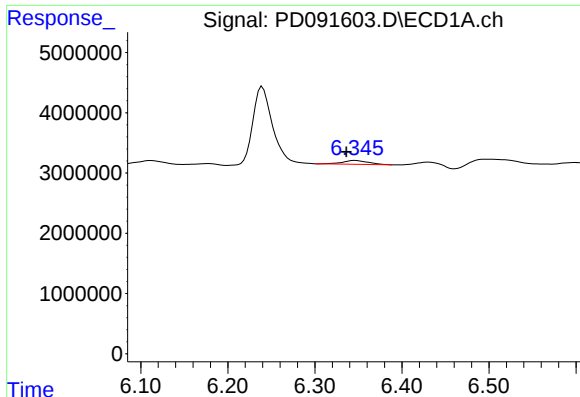
#12 4,4'-DDE

R.T.: 6.178 min
Delta R.T.: -0.007 min
Response: 342448
Conc: 0.06 ng/ml



#12 4,4'-DDE

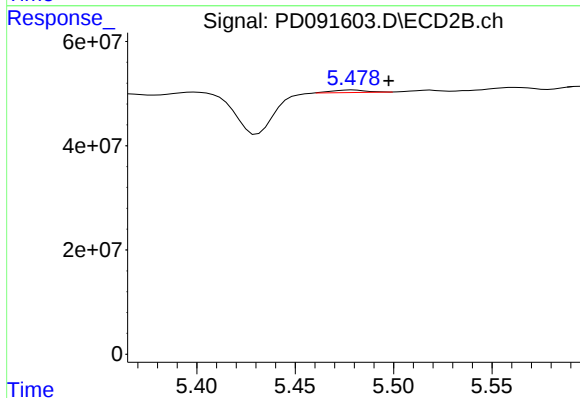
R.T.: 5.365 min
Delta R.T.: 0.006 min
Response: 51285617
Conc: 0.94 ng/ml



#13 Dieldrin

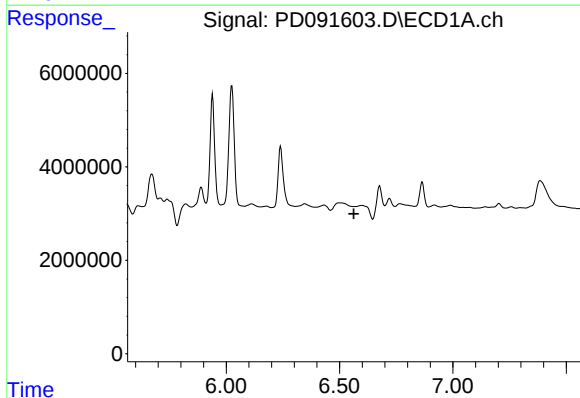
R.T.: 6.347 min
Delta R.T.: 0.010 min
Response: 1264293
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



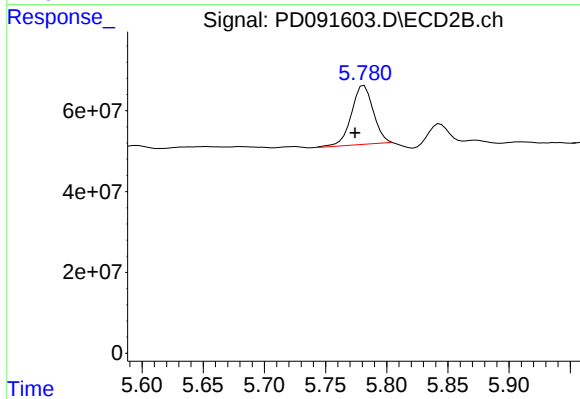
#13 Dieldrin

R.T.: 5.480 min
Delta R.T.: -0.018 min
Response: 6022653
Conc: 0.11 ng/ml



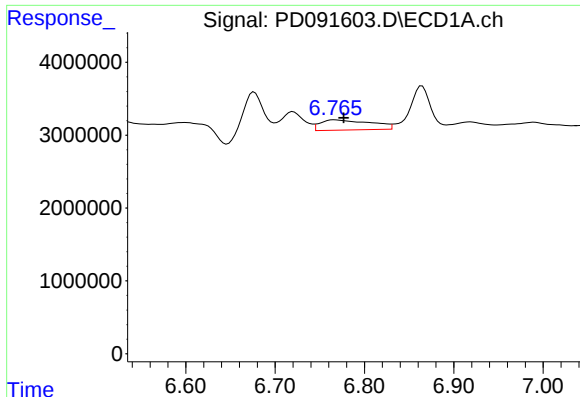
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.563 min
Response: 0
Conc: N.D.



#14 Endrin

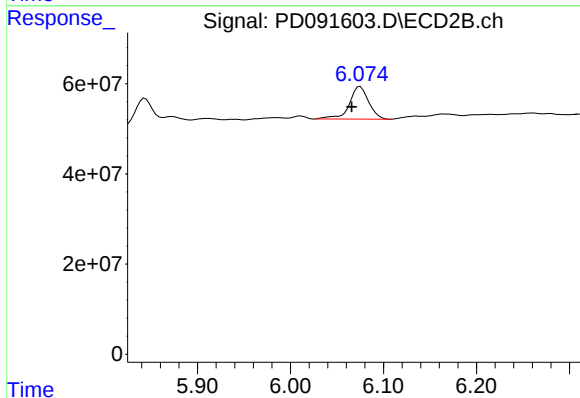
R.T.: 5.782 min
Delta R.T.: 0.008 min
Response: 182539404
Conc: 3.49 ng/ml



#15 Endosulfan II

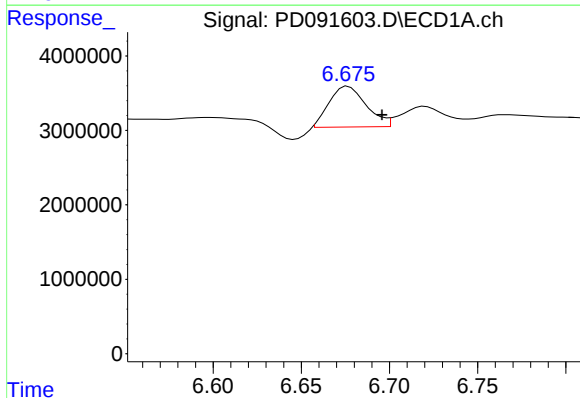
R.T.: 6.766 min
Delta R.T.: -0.010 min
Response: 5579945
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



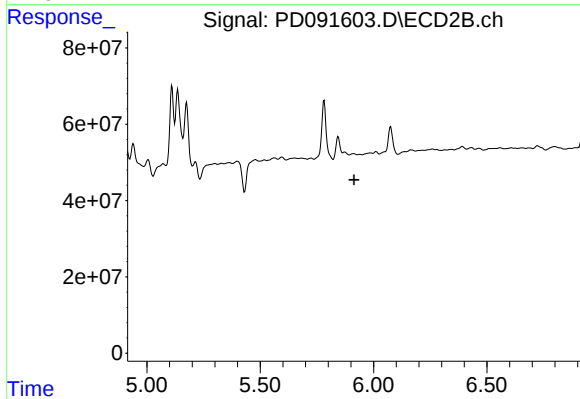
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.009 min
Response: 104631349
Conc: 2.22 ng/ml



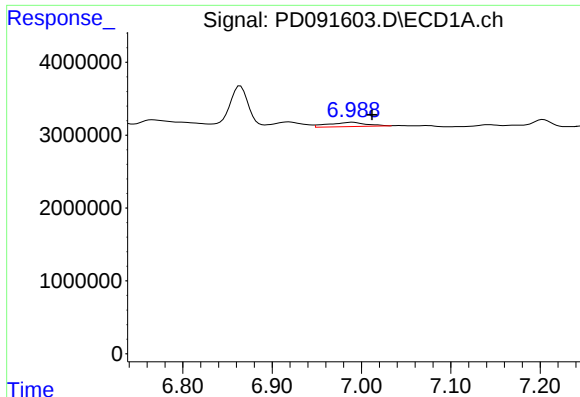
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: -0.019 min
Response: 7944127
Conc: 1.73 ng/ml



#16 4,4'-DDD

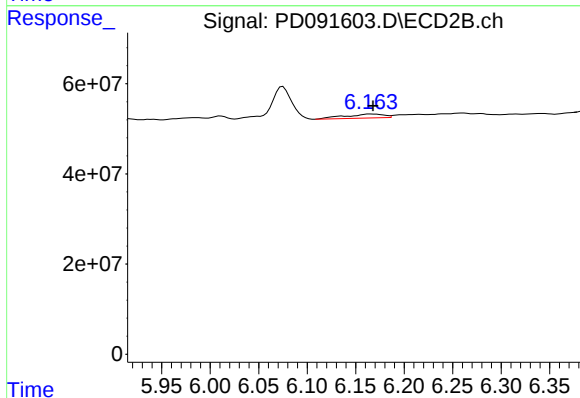
R.T.: 5.911 min
Delta R.T.: -0.003 min
Response: -2269063
Conc: N.D.



#17 4,4'-DDT

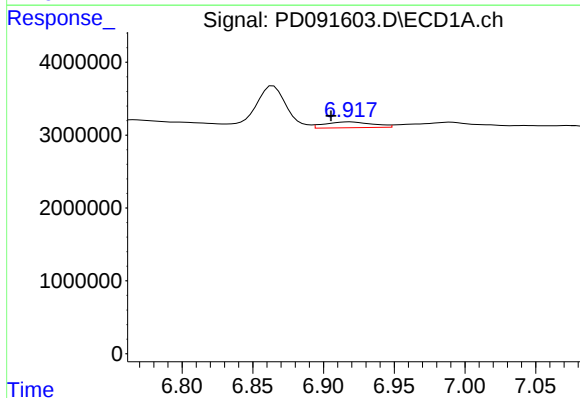
R.T.: 6.990 min
Delta R.T.: -0.022 min
Response: 1723704
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



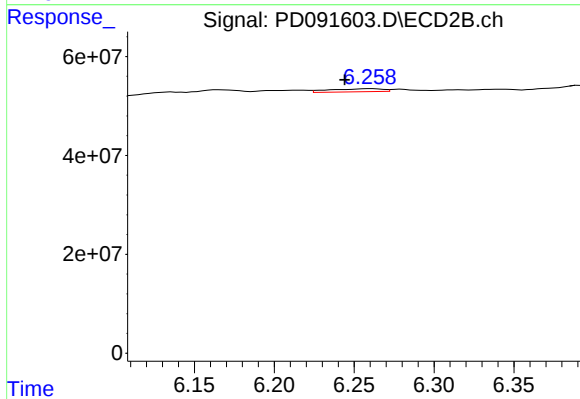
#17 4,4'-DDT

R.T.: 6.165 min
Delta R.T.: -0.003 min
Response: 24637832
Conc: 0.52 ng/ml



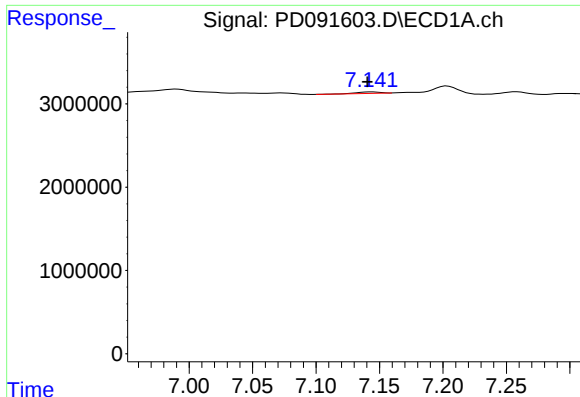
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.013 min
Response: 1865120
Conc: 0.45 ng/ml



#18 Endrin aldehyde

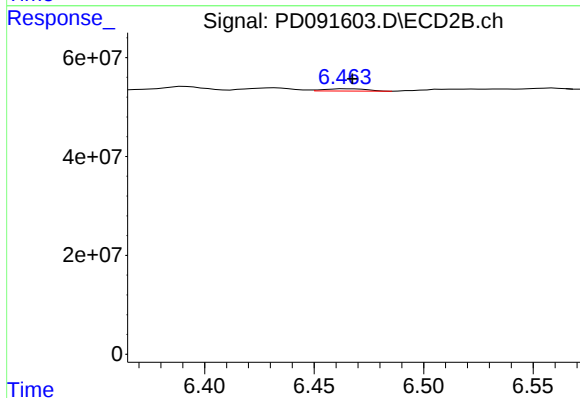
R.T.: 6.260 min
Delta R.T.: 0.016 min
Response: 14044364
Conc: 0.39 ng/ml



#19 Endosulfan Sulfate

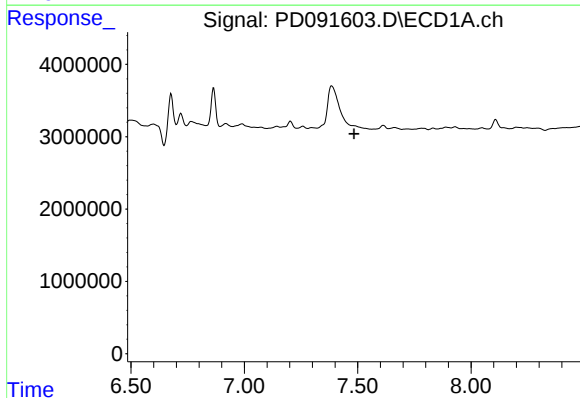
R.T.: 7.143 min
Delta R.T.: 0.003 min
Response: 211921
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



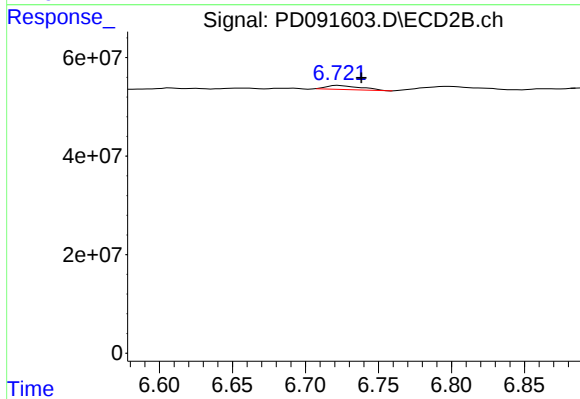
#19 Endosulfan Sulfate

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 6180513
Conc: 0.13 ng/ml



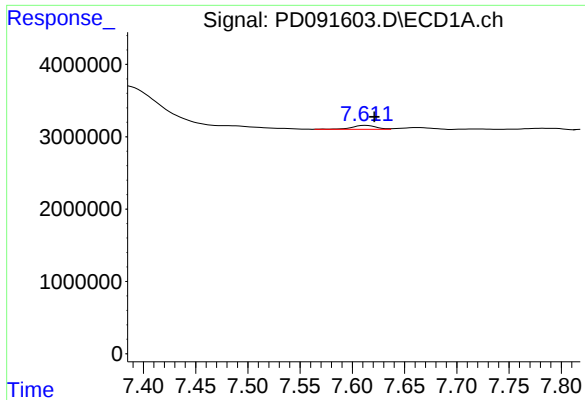
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.484 min
Response: 0
Conc: N.D.



#20 Methoxychlor

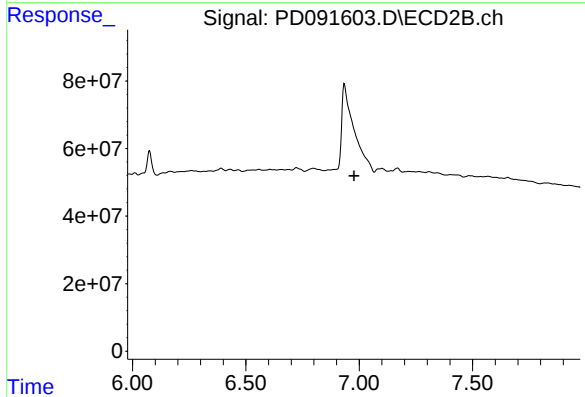
R.T.: 6.722 min
Delta R.T.: -0.016 min
Response: 13433348
Conc: 0.57 ng/ml



#21 Endrin ketone

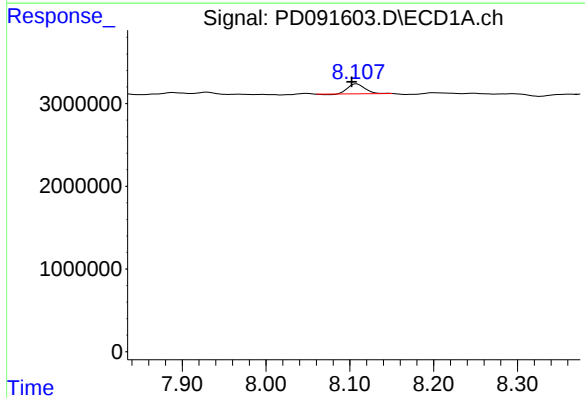
R.T.: 7.612 min
Delta R.T.: -0.009 min
Response: 889442
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



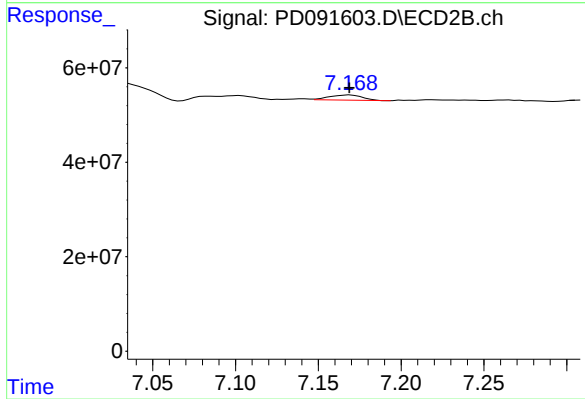
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.977 min
Response: 0
Conc: N.D.



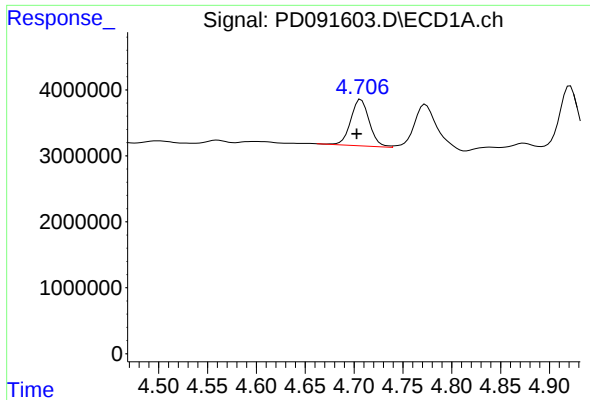
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.006 min
Response: 1686620
Conc: 0.45 ng/ml



#22 Mirex

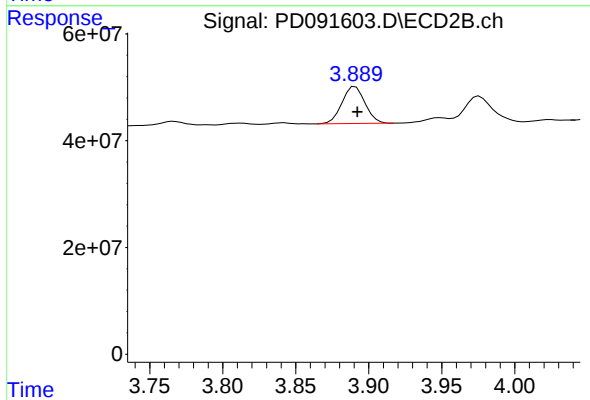
R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 15167585
Conc: 0.46 ng/ml



#23 Chlordane-1

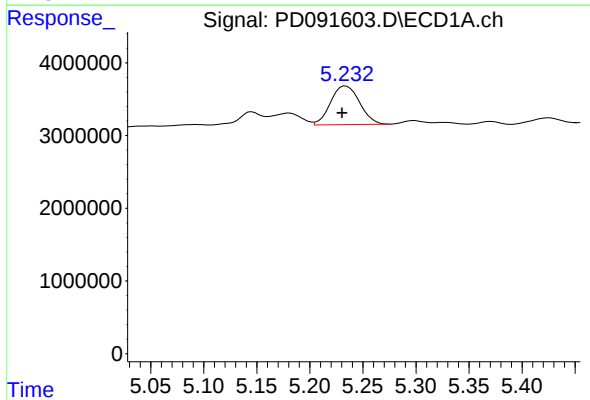
R.T.: 4.707 min
Delta R.T.: 0.004 min
Response: 9335507
Conc: 44.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



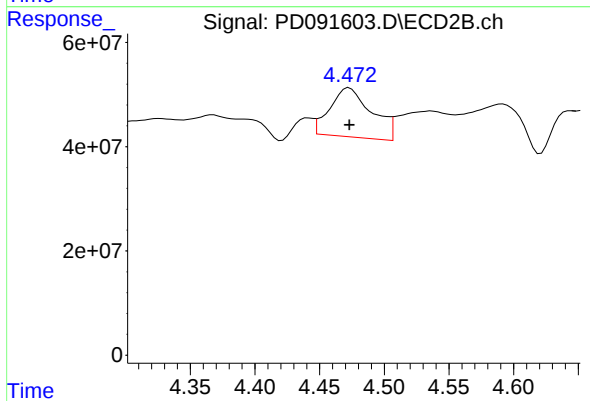
#23 Chlordane-1

R.T.: 3.891 min
Delta R.T.: -0.001 min
Response: 76246091
Conc: 51.04 ng/ml



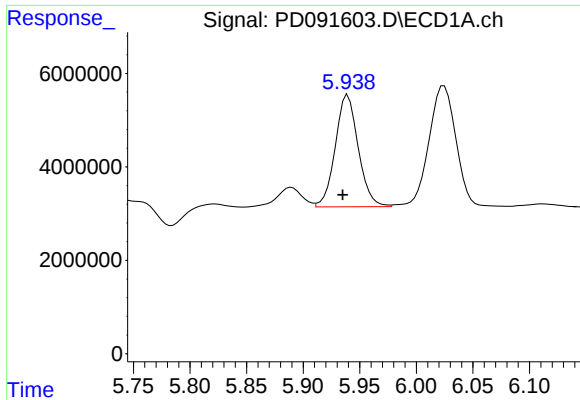
#24 Chlordane-2

R.T.: 5.234 min
Delta R.T.: 0.003 min
Response: 10143016
Conc: 49.59 ng/ml



#24 Chlordane-2

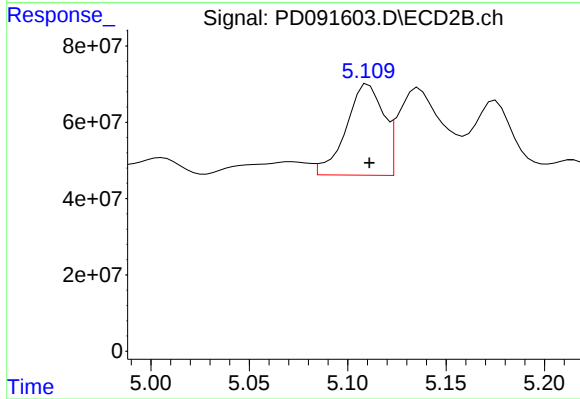
R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 211839810
Conc: 134.17 ng/ml



#25 Chlordane-3

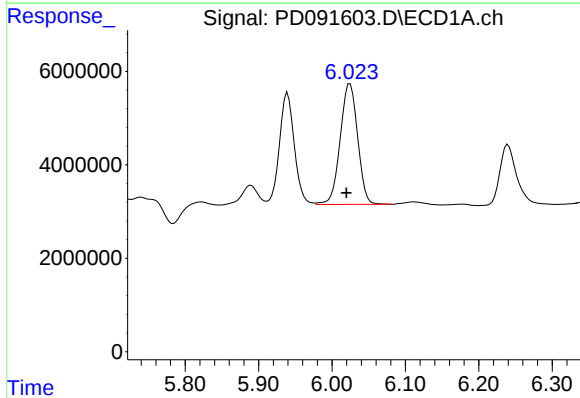
R.T.: 5.939 min
Delta R.T.: 0.005 min
Response: 33844988
Conc: 41.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



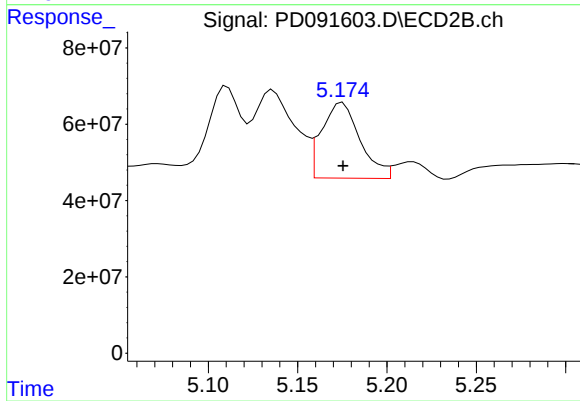
#25 Chlordane-3

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 314749401
Conc: 61.80 ng/ml



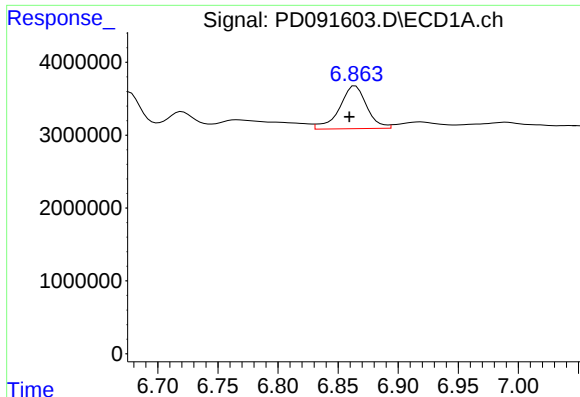
#26 Chlordane-4

R.T.: 6.025 min
Delta R.T.: 0.005 min
Response: 42774366
Conc: 42.12 ng/ml



#26 Chlordane-4

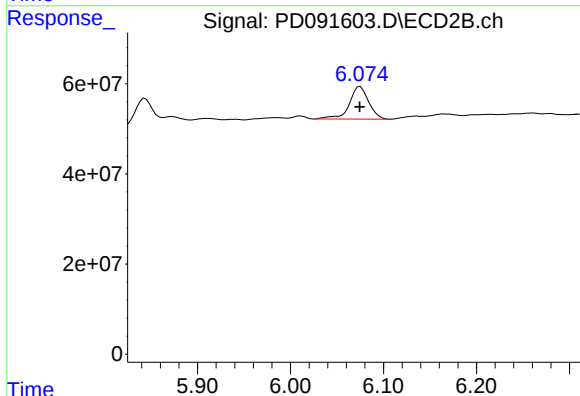
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 296880923
Conc: 69.55 ng/ml



#27 Chlordane-5

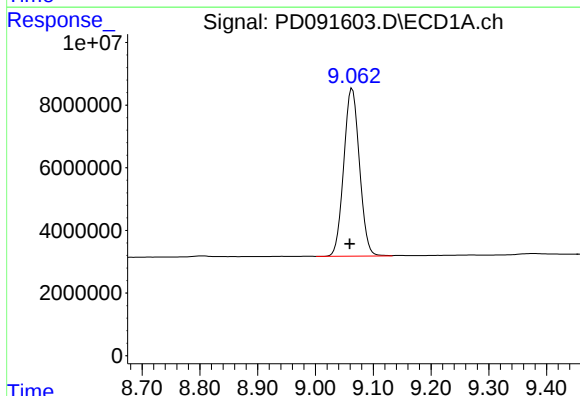
R.T.: 6.864 min
Delta R.T.: 0.005 min
Response: 9318266
Conc: 52.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2025



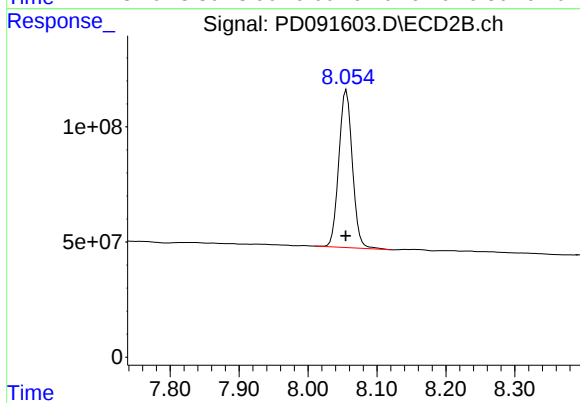
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 104631349
Conc: 55.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.004 min
Response: 100386475
Conc: 19.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: 0.000 min
Response: 934043902
Conc: 22.56 ng/ml