

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121525\
 Data File : PD091586.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2025 12:34
 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 16 01:11:08 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...	3.540	2.870	72334215	955.4E6	20.826	24.247
28)	SA Decachlor...	9.059	8.055	121.9E6	1115.7E6	23.455	26.943
Target Compounds							
2)	A alpha-BHC	4.011f	3.373	736539	3278699	0.091	0.048 #
3)	MA gamma-BHC...	4.333	3.727	782865	650561	0.104	0.012 #
4)	MA Heptachlor	4.916	4.068	15710146	134.5E6	2.213	2.308
5)	MB Aldrin	5.229f	4.341	11887327	399061	1.708	0.007 #
6)	B beta-BHC	0.000	4.030f	0	1364742	N.D.	0.057 #
7)	B delta-BHC	4.768	4.251	8359677	12585210	1.397	0.210 #
8)	B Heptachlo...	5.661f	0.000	7856146	0	1.269	N.D. #
9)	A Endosulfan I	0.000	5.215f	0	31564322	N.D.	0.644 #
10)	B gamma-Chl...	5.935	5.110	39228869	323.3E6	6.152	5.792
11)	B alpha-Chl...	6.019	5.174	52062790	266.4E6	7.752	4.975 #
12)	B 4,4'-DDE	6.171	5.366	230005	2463989	0.040	0.045
13)	MA Dieldrin	6.342	5.478f	1393743	3758335	0.214	0.068 #
14)	MA Endrin	6.591f	5.777	-70352	24424527	N.D.	0.467
15)	B Endosulfa...	6.763	6.074	1943939	105.8E6	0.320	2.246 #
16)	A 4,4'-DDD	6.717f	5.904	2043052	1613181	0.444	0.035 #
17)	MA 4,4'-DDT	6.983f	6.170	738960	3198275	0.143	0.067 #
18)	B Endrin al...	6.914	6.245	853315	1192844	0.204	0.033 #
19)	B Endosulfa...	7.140	6.476	100962	4138377	0.019	0.090 #
20)	A Methoxychlor	7.477	6.748	373598	2811545	0.139	0.119
21)	B Endrin ke...	0.000	6.984	0	740423	N.D.	0.015 #
22)	Mirex	0.000	7.161	0	1316460	N.D.	0.040 #
23)	Chlordane-1	4.702	3.891	11487866	85648651	54.720	57.332
24)	Chlordane-2	5.229	4.472	11887327	92460924	58.112	58.559
25)	Chlordane-3	5.935	5.110	39228869	323.3E6	47.871	63.479 #
26)	Chlordane-4	6.019	5.174	52062790	266.4E6	51.262	62.411
27)	Chlordane-5	6.859	6.074	8716880	105.8E6	49.284	55.812

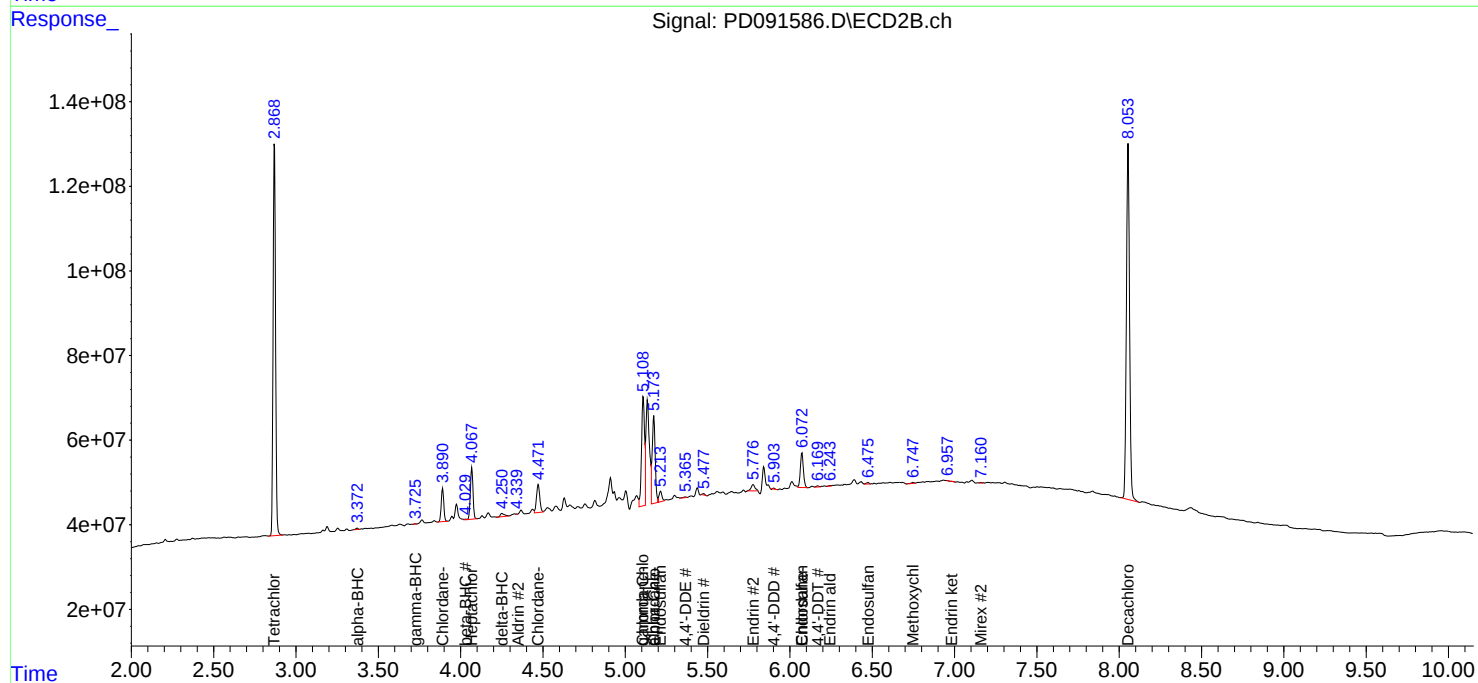
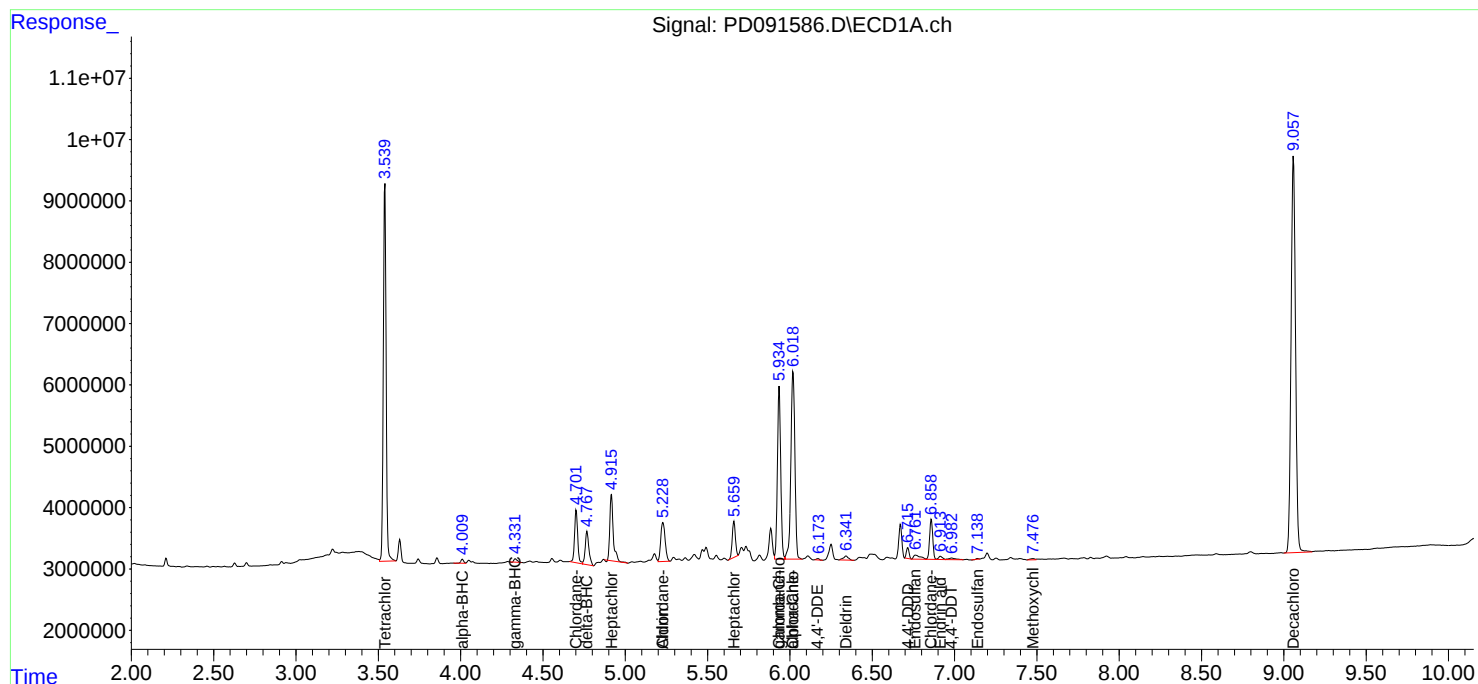
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

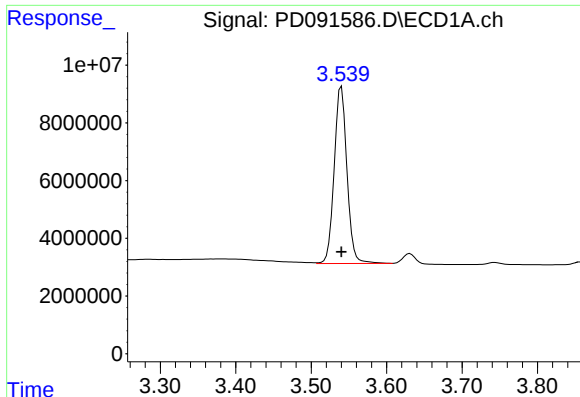
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121525\
Data File : PD091586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2025 12:34
Operator : AR\AJ
Sample : Q3530-02
Misc : CHLOR LOQ 50PPB
ALS Vial : 8 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 01:11:08 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

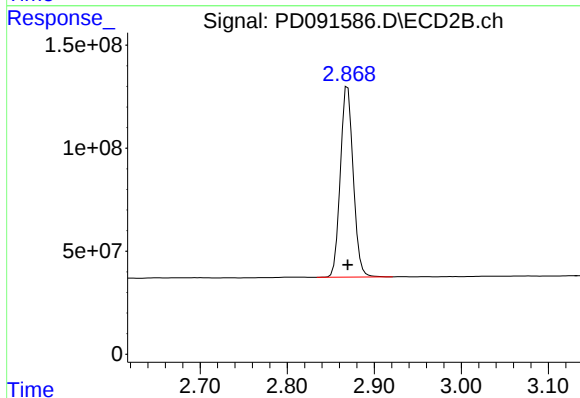




#1 Tetrachloro-m-xylene

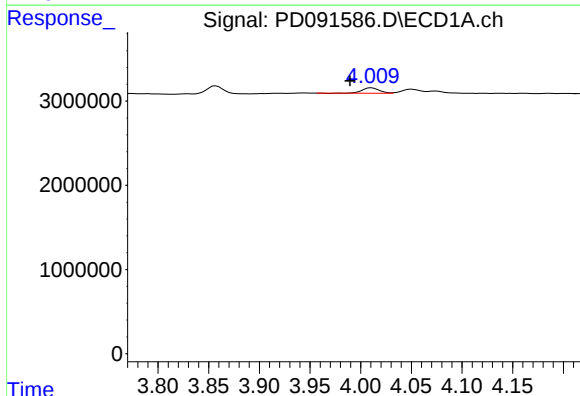
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 72334215
Conc: 20.83 ng/ml

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



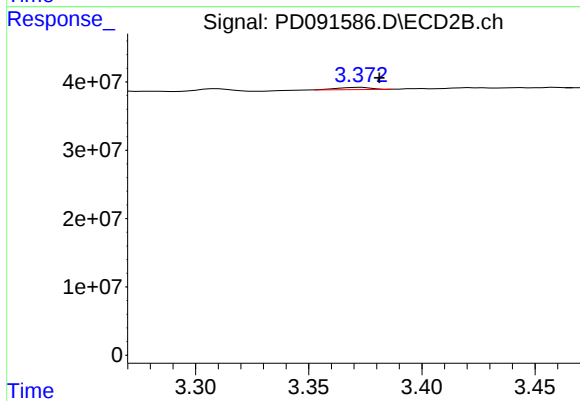
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 955425063
Conc: 24.25 ng/ml



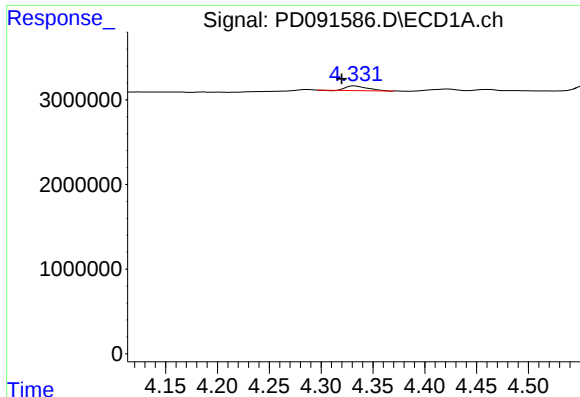
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.022 min
Response: 736539
Conc: 0.09 ng/ml



#2 alpha-BHC

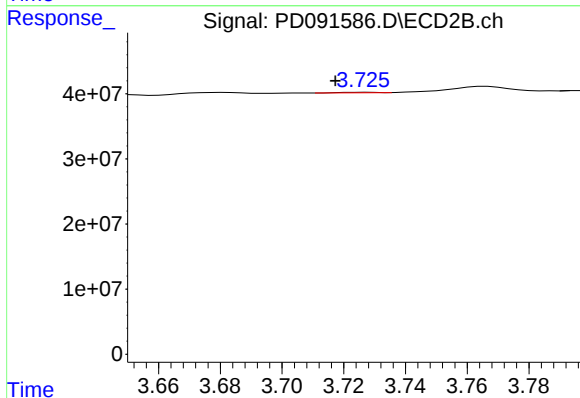
R.T.: 3.373 min
Delta R.T.: -0.008 min
Response: 3278699
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

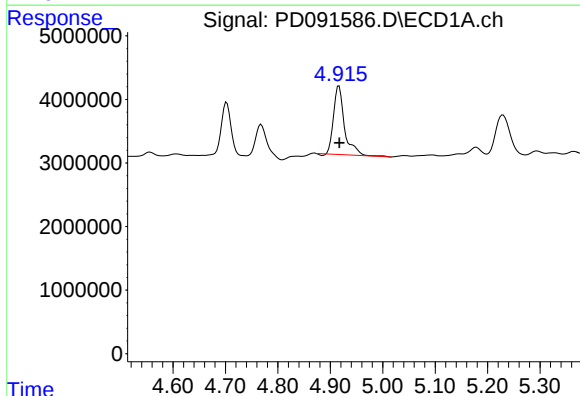
R.T.: 4.333 min
Delta R.T.: 0.013 min
Response: 782865
Conc: 0.10 ng/ml

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



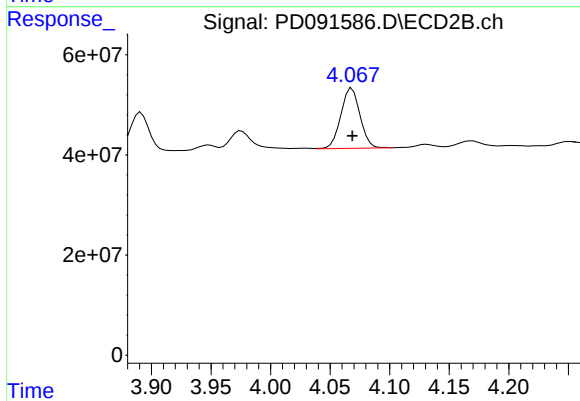
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.009 min
Response: 650561
Conc: 0.01 ng/ml



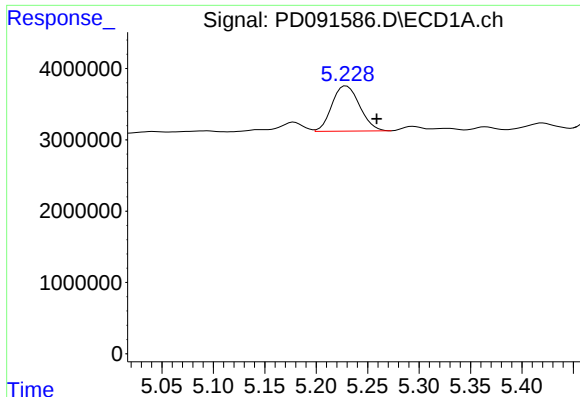
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 15710146
Conc: 2.21 ng/ml



#4 Heptachlor

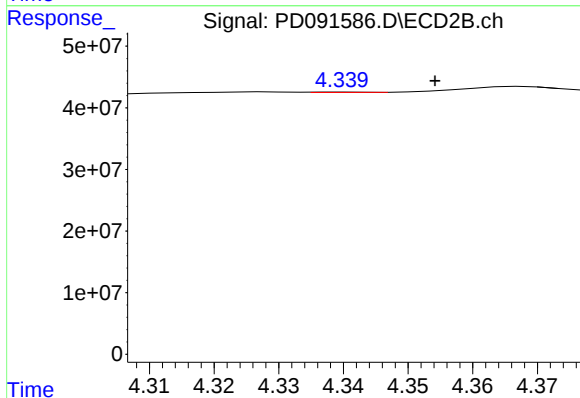
R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 134491305
Conc: 2.31 ng/ml



#5 Aldrin

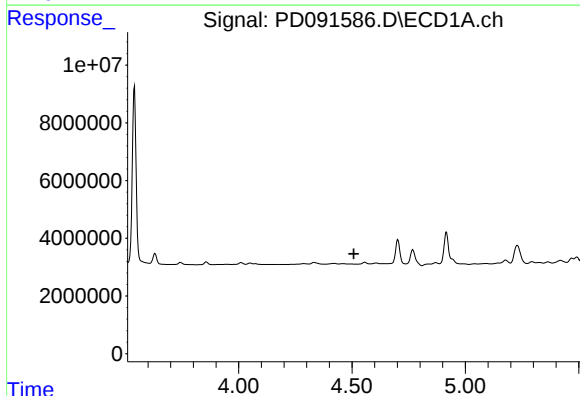
R.T.: 5.229 min
Delta R.T.: -0.030 min
Response: 11887327
Conc: 1.71 ng/ml

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



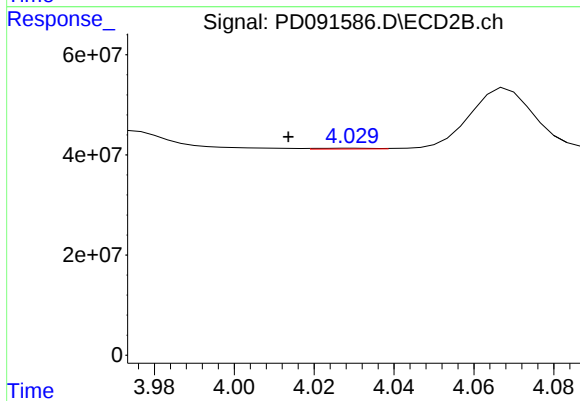
#5 Aldrin

R.T.: 4.341 min
Delta R.T.: -0.014 min
Response: 399061
Conc: 0.01 ng/ml



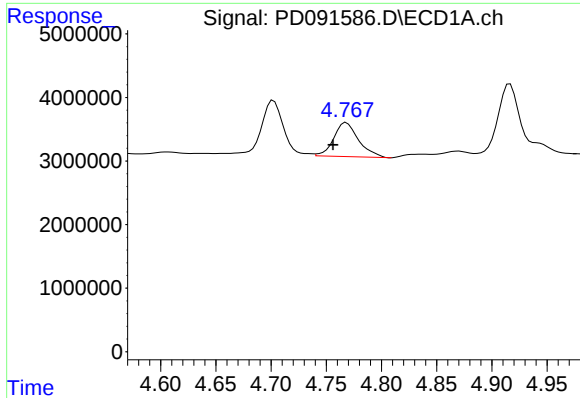
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.508 min
Response: 0
Conc: N.D.



#6 beta-BHC

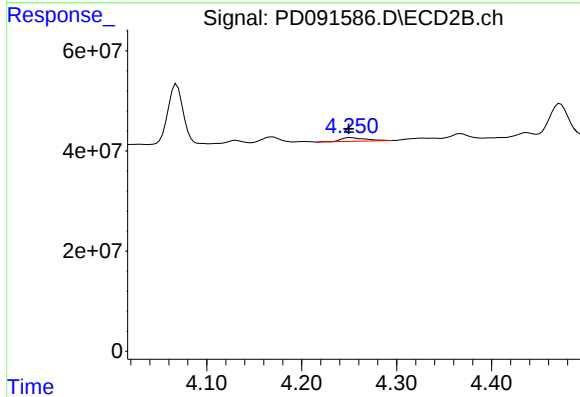
R.T.: 4.030 min
Delta R.T.: 0.017 min
Response: 1364742
Conc: 0.06 ng/ml



#7 delta-BHC

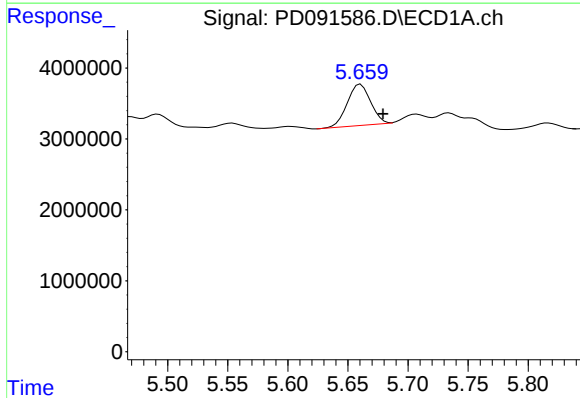
R.T.: 4.768 min
Delta R.T.: 0.012 min
Response: 8359677
Conc: 1.40 ng/ml

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



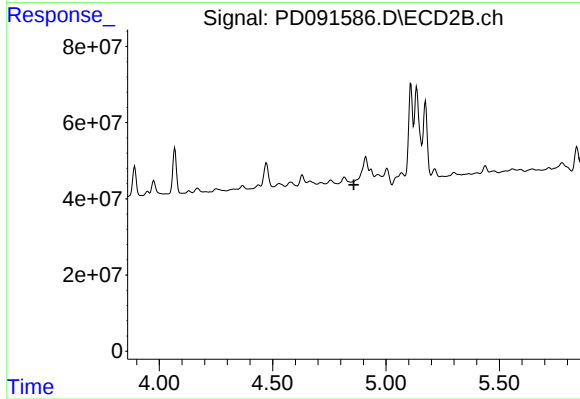
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: 0.002 min
Response: 12585210
Conc: 0.21 ng/ml



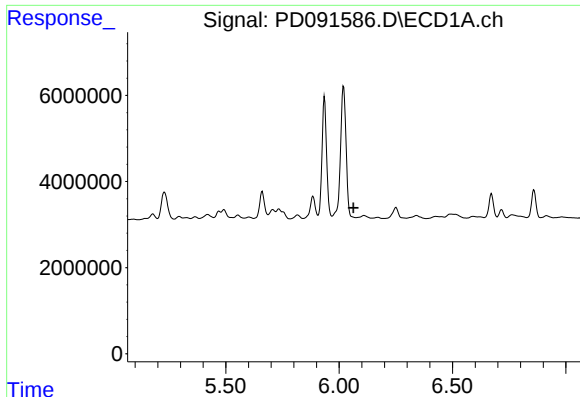
#8 Heptachlor epoxide

R.T.: 5.661 min
Delta R.T.: -0.019 min
Response: 7856146
Conc: 1.27 ng/ml



#8 Heptachlor epoxide

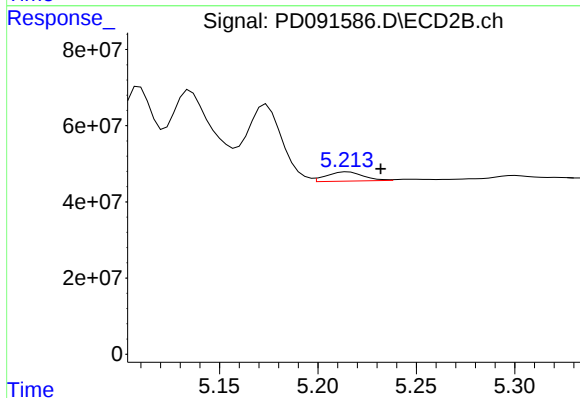
R.T.: 0.000 min
Exp R.T. : 4.858 min
Response: 0
Conc: N.D.



#9 Endosulfan I

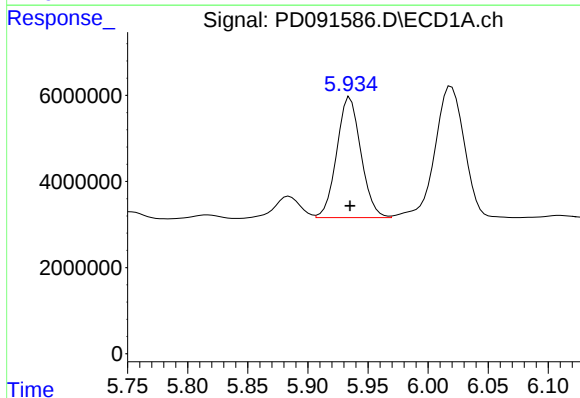
R.T.: 0.000 min
Exp R.T.: 6.063 min
Response: 0
Conc: N.D.

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



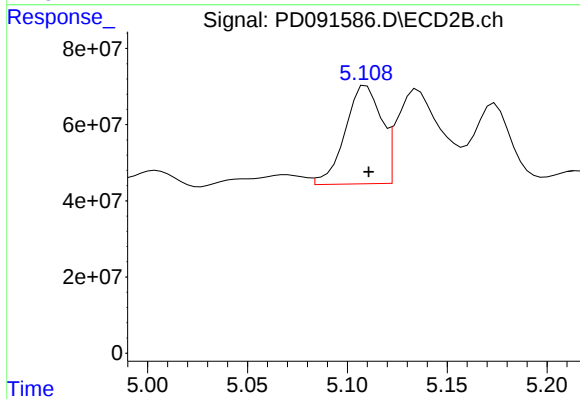
#9 Endosulfan I

R.T.: 5.215 min
Delta R.T.: -0.017 min
Response: 31564322
Conc: 0.64 ng/ml



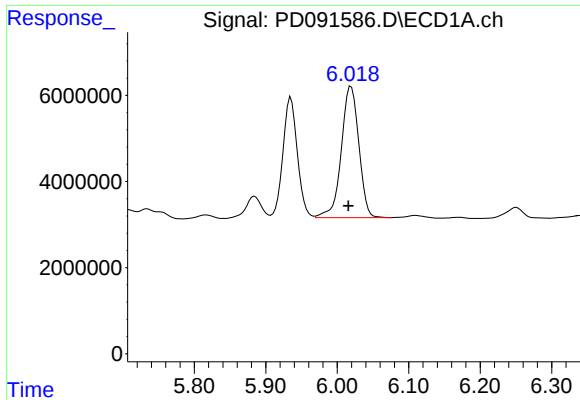
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 39228869
Conc: 6.15 ng/ml



#10 gamma-Chlordane

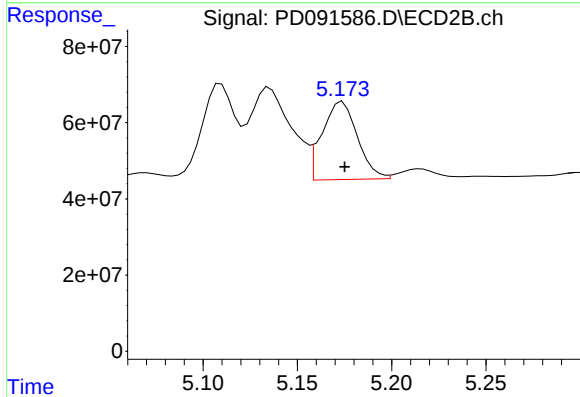
R.T.: 5.110 min
Delta R.T.: -0.001 min
Response: 323291374
Conc: 5.79 ng/ml



#11 alpha-Chlordane

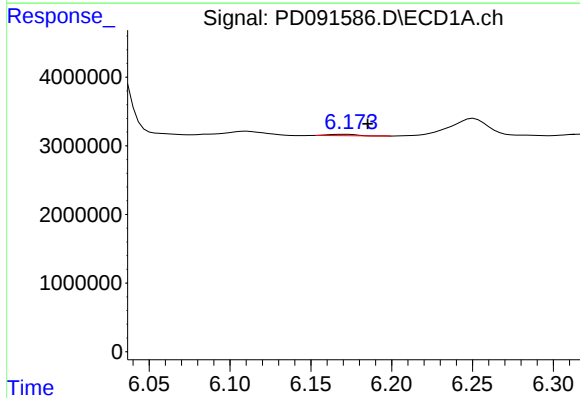
R.T.: 6.019 min
Delta R.T.: 0.004 min
Response: 52062790
Conc: 7.75 ng/ml

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



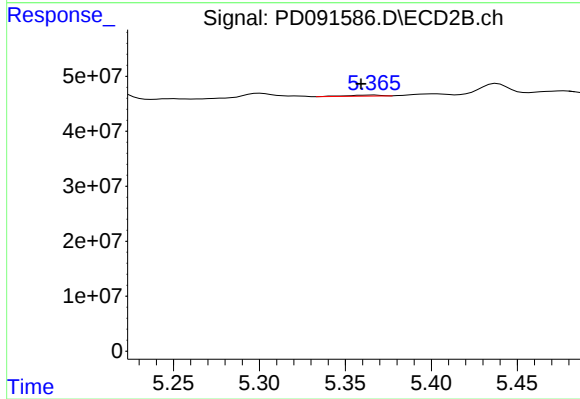
#11 alpha-Chlordane

R.T.: 5.174 min
Delta R.T.: -0.001 min
Response: 266401575
Conc: 4.97 ng/ml



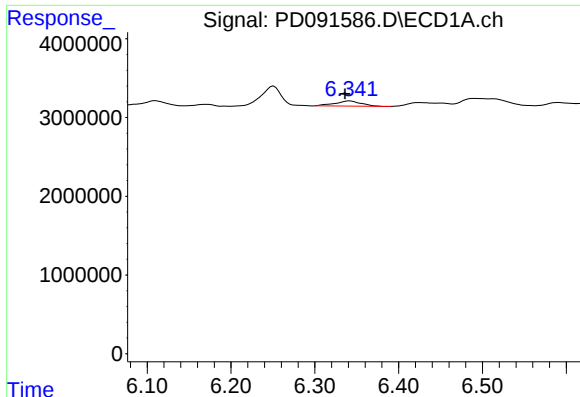
#12 4,4'-DDE

R.T.: 6.171 min
Delta R.T.: -0.014 min
Response: 230005
Conc: 0.04 ng/ml



#12 4,4'-DDE

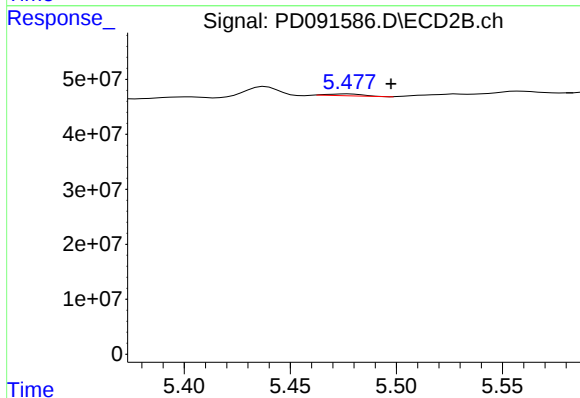
R.T.: 5.366 min
Delta R.T.: 0.007 min
Response: 2463989
Conc: 0.04 ng/ml



#13 Dieldrin

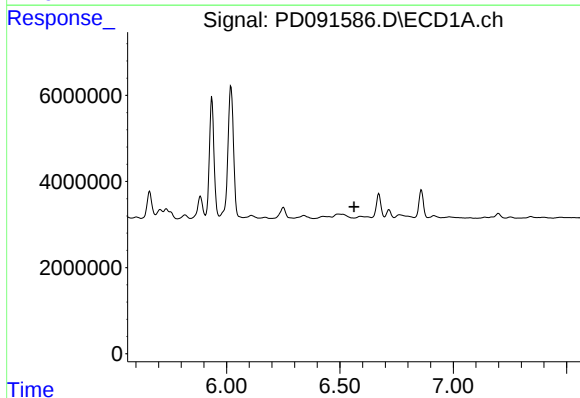
R.T.: 6.342 min
Delta R.T.: 0.006 min
Response: 1393743
Conc: 0.21 ng/ml

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



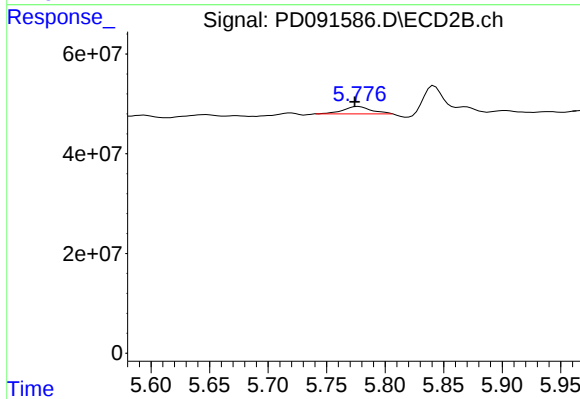
#13 Dieldrin

R.T.: 5.478 min
Delta R.T.: -0.020 min
Response: 3758335
Conc: 0.07 ng/ml



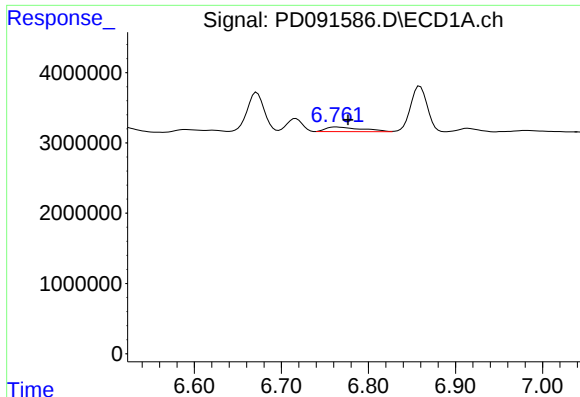
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.028 min
Response: -70352
Conc: N.D.



#14 Endrin

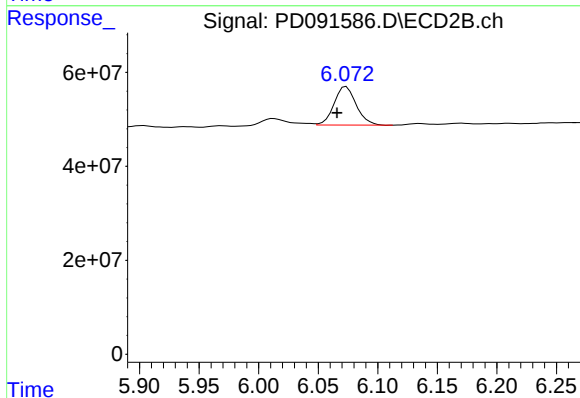
R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 24424527
Conc: 0.47 ng/ml



#15 Endosulfan II

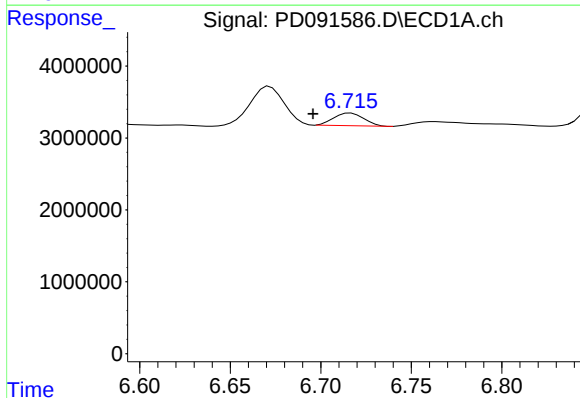
R.T.: 6.763 min
Delta R.T.: -0.014 min
Response: 1943939
Conc: 0.32 ng/ml

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



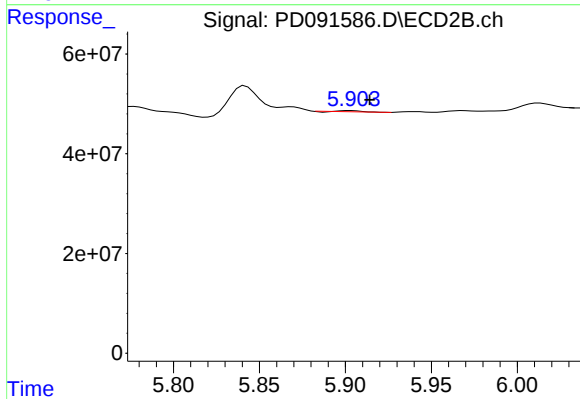
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.008 min
Response: 105823984
Conc: 2.25 ng/ml



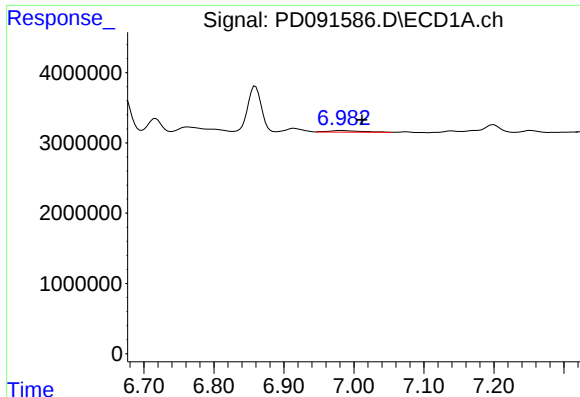
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.021 min
Response: 2043052
Conc: 0.44 ng/ml



#16 4,4'-DDD

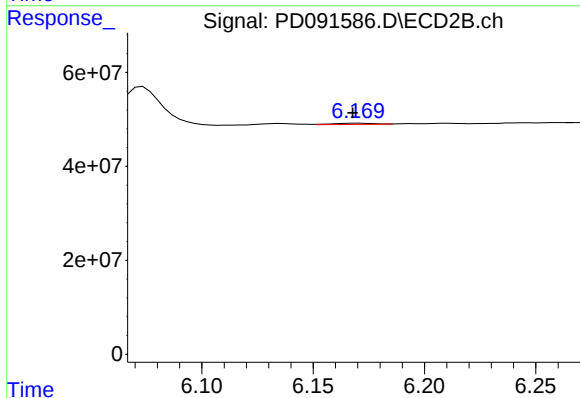
R.T.: 5.904 min
Delta R.T.: -0.011 min
Response: 1613181
Conc: 0.04 ng/ml



#17 4,4'-DDT

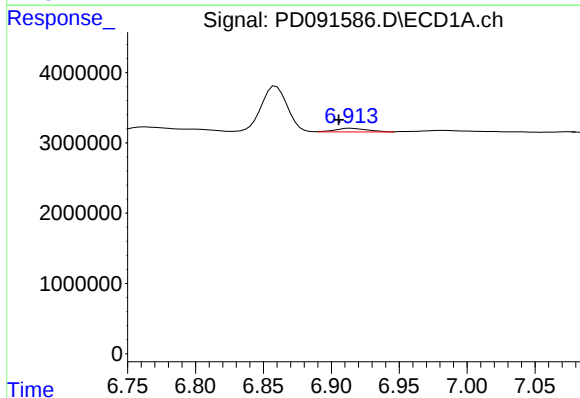
R.T.: 6.983 min
Delta R.T.: -0.029 min
Response: 738960
Conc: 0.14 ng/ml

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



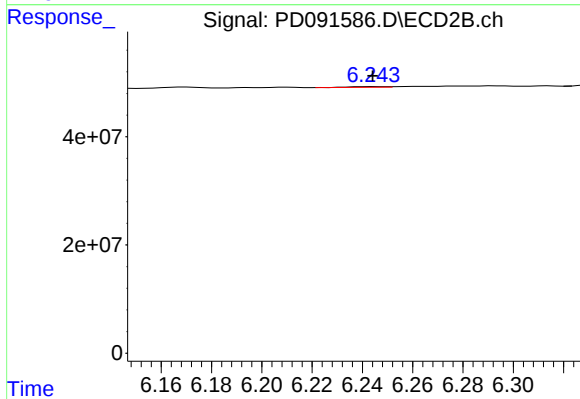
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: 0.002 min
Response: 3198275
Conc: 0.07 ng/ml



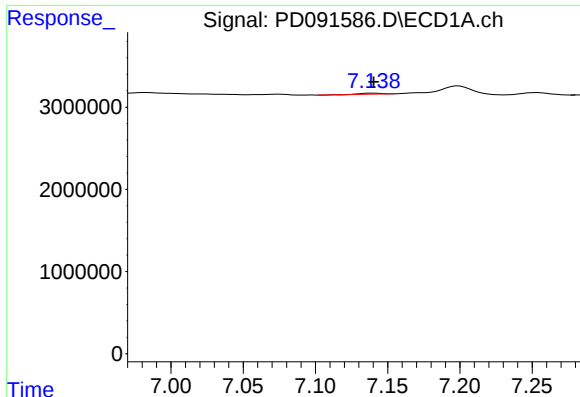
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.009 min
Response: 853315
Conc: 0.20 ng/ml



#18 Endrin aldehyde

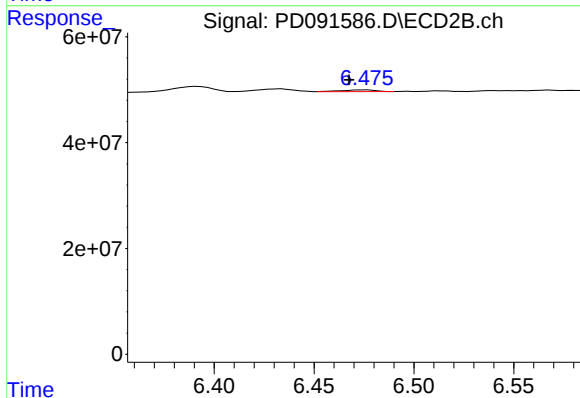
R.T.: 6.245 min
Delta R.T.: 0.001 min
Response: 1192844
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

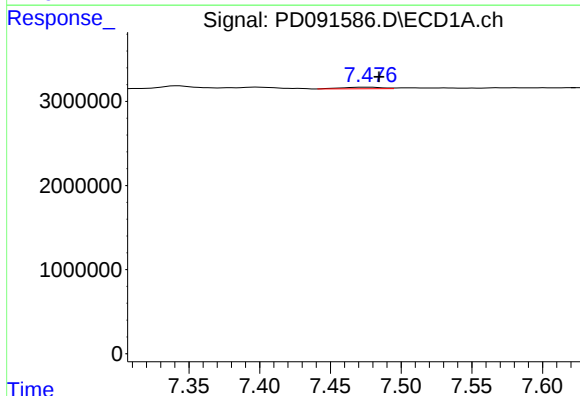
R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 100962
Conc: 0.02 ng/ml

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



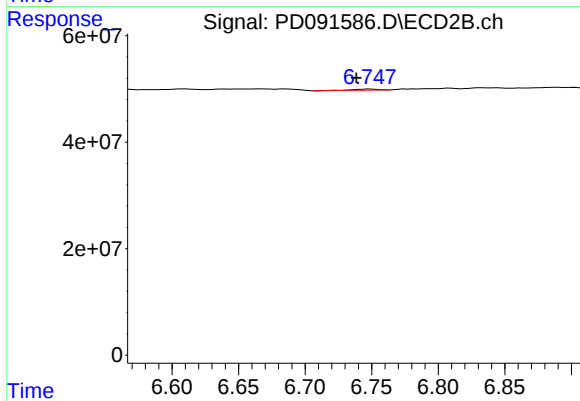
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.008 min
Response: 4138377
Conc: 0.09 ng/ml



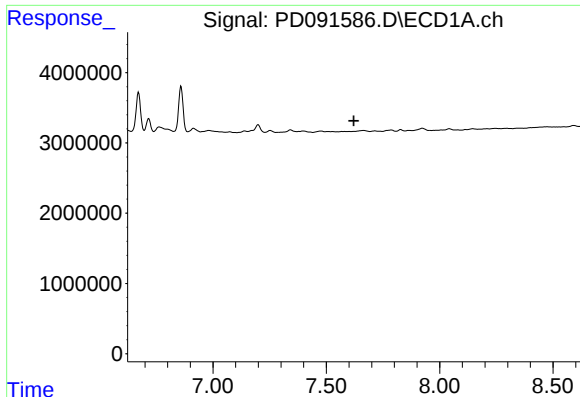
#20 Methoxychlor

R.T.: 7.477 min
Delta R.T.: -0.008 min
Response: 373598
Conc: 0.14 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.010 min
Response: 2811545
Conc: 0.12 ng/ml



#21 Endrin ketone

R.T.: 0.000 min
Exp R.T.: 7.621 min
Response: 0
Conc: N.D.

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

#21 Endrin ketone

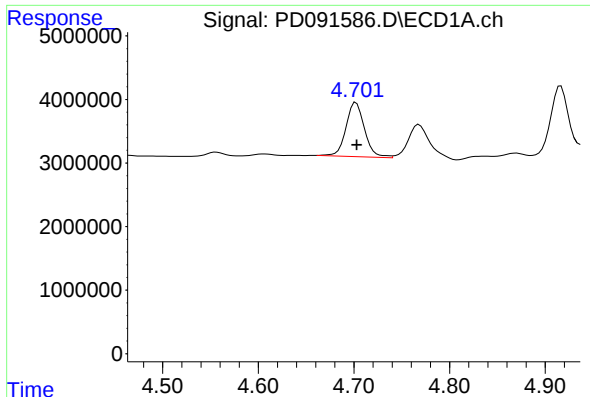
R.T.: 6.984 min
Delta R.T.: 0.007 min
Response: 740423
Conc: 0.02 ng/ml

#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.102 min
Response: 0
Conc: N.D.

#22 Mirex

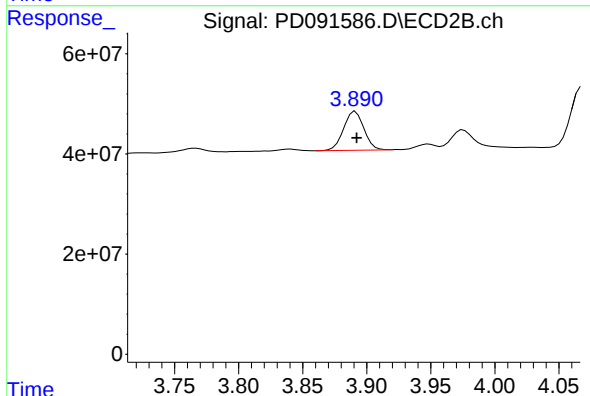
R.T.: 7.161 min
Delta R.T.: -0.008 min
Response: 1316460
Conc: 0.04 ng/ml



#23 Chlordane-1

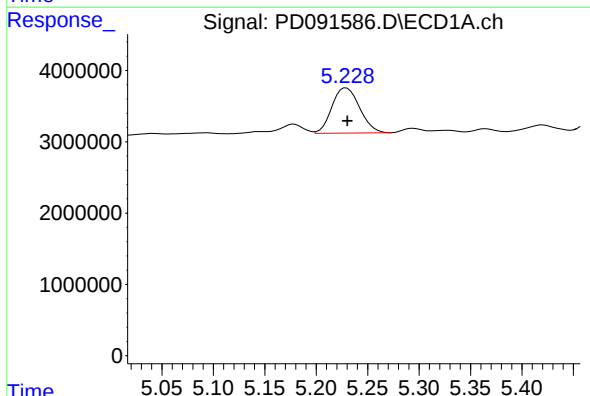
R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 11487866
Conc: 54.72 ng/ml

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



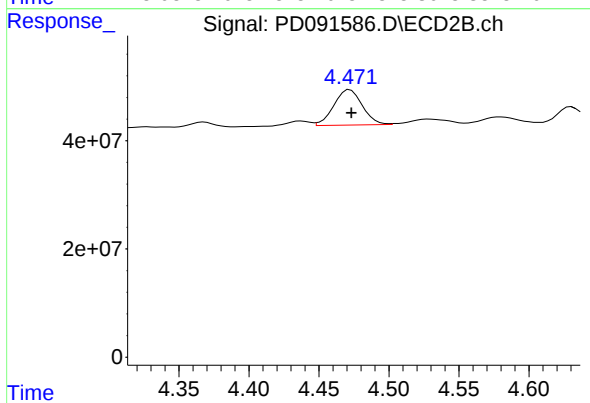
#23 Chlordane-1

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 85648651
Conc: 57.33 ng/ml



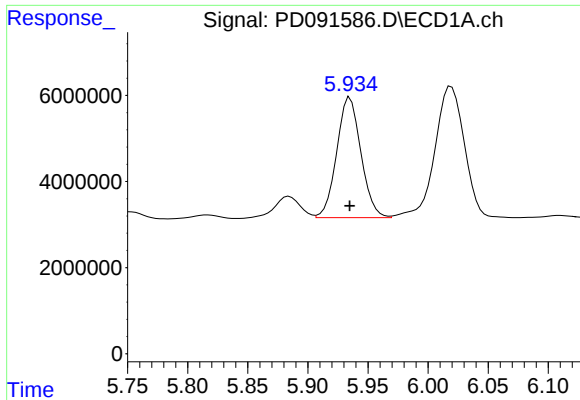
#24 Chlordane-2

R.T.: 5.229 min
Delta R.T.: -0.001 min
Response: 11887327
Conc: 58.11 ng/ml



#24 Chlordane-2

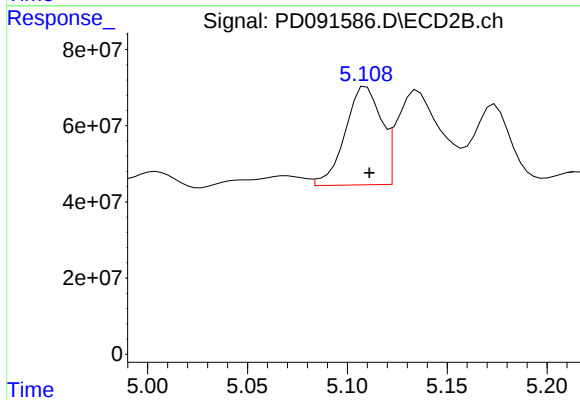
R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 92460924
Conc: 58.56 ng/ml



#25 Chlordane-3

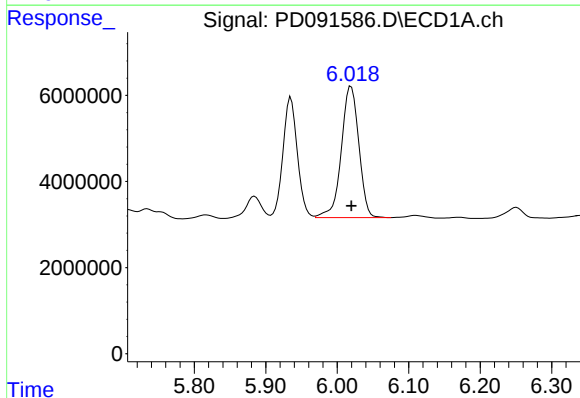
R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 39228869
Conc: 47.87 ng/ml

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



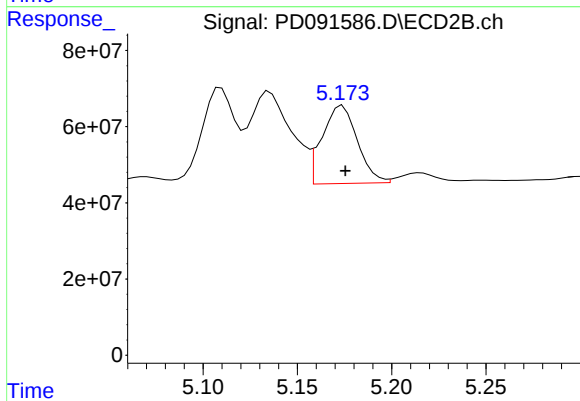
#25 Chlordane-3

R.T.: 5.110 min
Delta R.T.: -0.002 min
Response: 323291374
Conc: 63.48 ng/ml



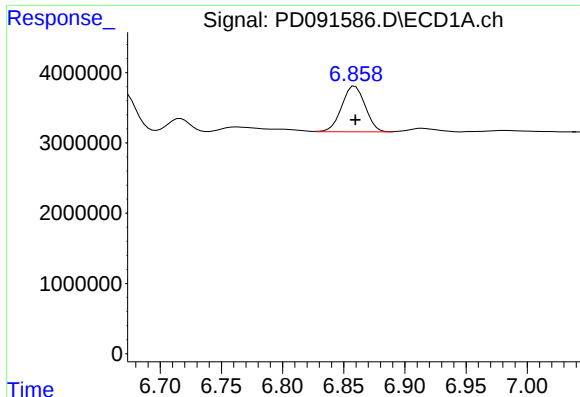
#26 Chlordane-4

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 52062790
Conc: 51.26 ng/ml



#26 Chlordane-4

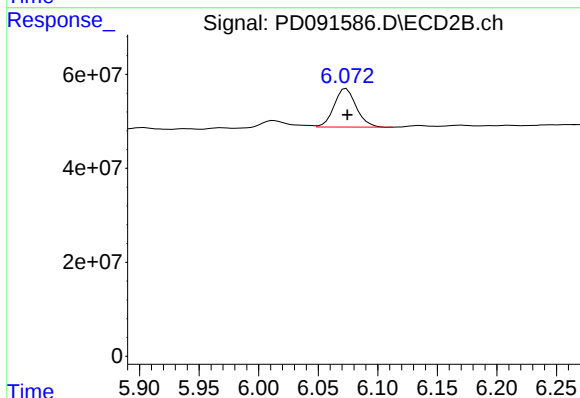
R.T.: 5.174 min
Delta R.T.: -0.002 min
Response: 266401575
Conc: 62.41 ng/ml



#27 Chlordane-5

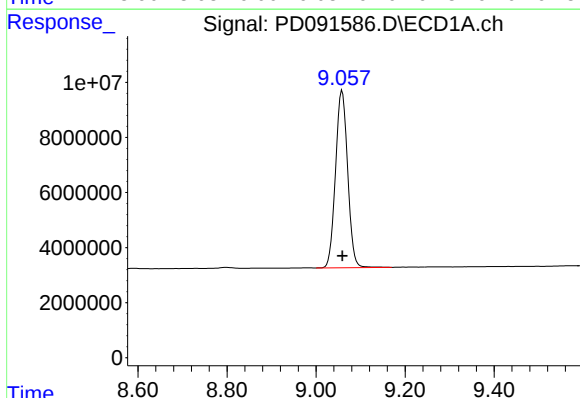
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 8716880
Conc: 49.28 ng/ml

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



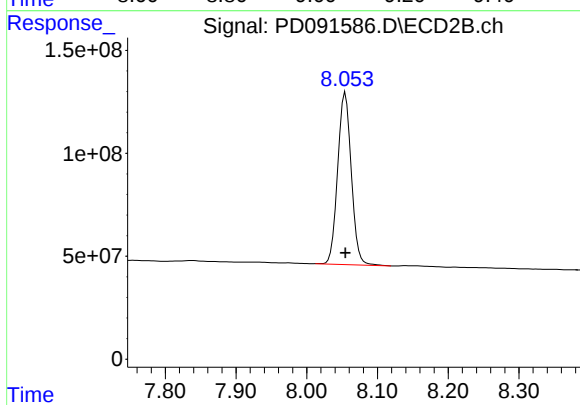
#27 Chlordane-5

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 105823984
Conc: 55.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 121921543
Conc: 23.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 1115722074
Conc: 26.94 ng/ml