

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121525\
 Data File : PD091585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2025 12:21
 Operator : AR\AJ
 Sample : Q3530-01
 Misc : CHLOR LOD 25PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 01:10:59 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...	3.547	2.869	70284806	921.5E6	20.236	23.386
28)	SA Decachlor...	9.067	8.057	119.4E6	1083.0E6	22.976	26.153
Target Compounds							
2)	A alpha-BHC	4.018f	3.375	450153	3825998	0.056	0.056
3)	MA gamma-BHC...	4.339f	3.719	356282	-772518	0.047	N.D. #
4)	MA Heptachlor	4.925	4.069	8287130	65974080	1.167	1.132
5)	MB Aldrin	5.237f	4.370f	6060479	5958993	0.871	0.103 #
6)	B beta-BHC	0.000	4.023	0	2180208	N.D.	0.091 #
7)	B delta-BHC	4.777f	4.250	6388464	8050035	1.068	0.134 #
8)	B Heptachlo...	5.668	0.000	3915246	0	0.632	N.D. #
9)	A Endosulfan I	0.000	5.217	0	20607317	N.D.	0.421 #
10)	B gamma-Chl...	5.943	5.112	20049607	167.9E6	3.144	3.007
11)	B alpha-Chl...	6.028	5.176	27394396	137.9E6	4.079	2.575 #
12)	B 4,4'-DDE	0.000	5.353	0	250907	N.D.	0.005 #
13)	MA Dieldrin	6.350	5.482f	555625	2926708	0.085	0.053 #
14)	MA Endrin	0.000	5.781	0	10896856	N.D.	0.208 #
15)	B Endosulfa...	6.769	6.076	856173	50406894	0.141	1.070 #
16)	A 4,4'-DDD	6.680f	5.910	3306212	946913	0.718	0.021 #
17)	MA 4,4'-DDT	0.000	6.181	0	1998880	N.D.	0.042 #
18)	B Endrin al...	6.922f	6.241	390339	1783431	0.093	0.050 #
19)	B Endosulfa...	0.000	6.472	0	920824	N.D.	0.020 #
20)	A Methoxychlor	0.000	6.741	0	1134994	N.D.	0.048 #
21)	B Endrin ke...	0.000	6.988	0	2693325	N.D.	0.055 #
22)	Mirex	8.121f	7.158	-178619	1815399	N.D.	0.055
23)	Chlordane-1	4.710	3.891	6226703	40855162	29.660	27.348
24)	Chlordane-2	5.237	4.474	6060479	46162408	29.627	29.236
25)	Chlordane-3	5.943	5.112	20049607	167.9E6	24.466	32.962 #
26)	Chlordane-4	6.028	5.176	27394396	137.9E6	26.973	32.300
27)	Chlordane-5	6.868	6.076	4225149	50406894	23.888	26.585

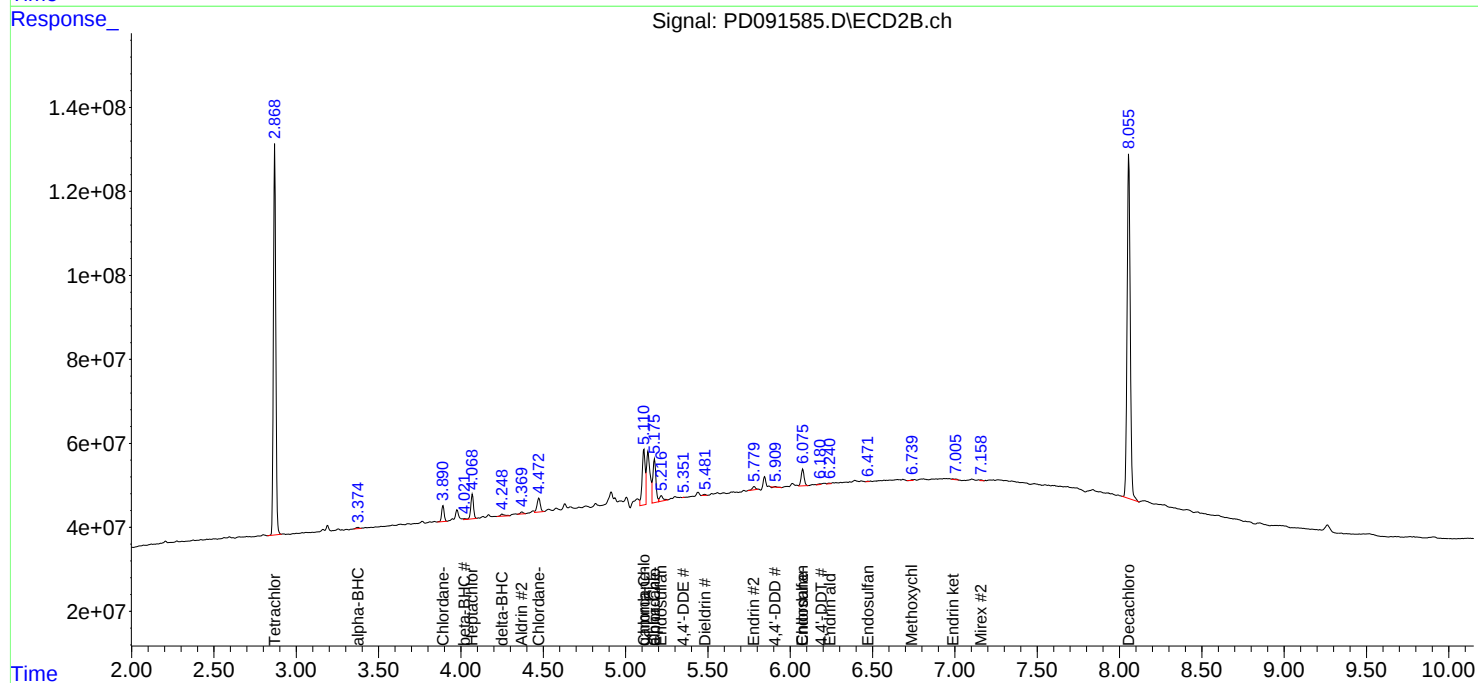
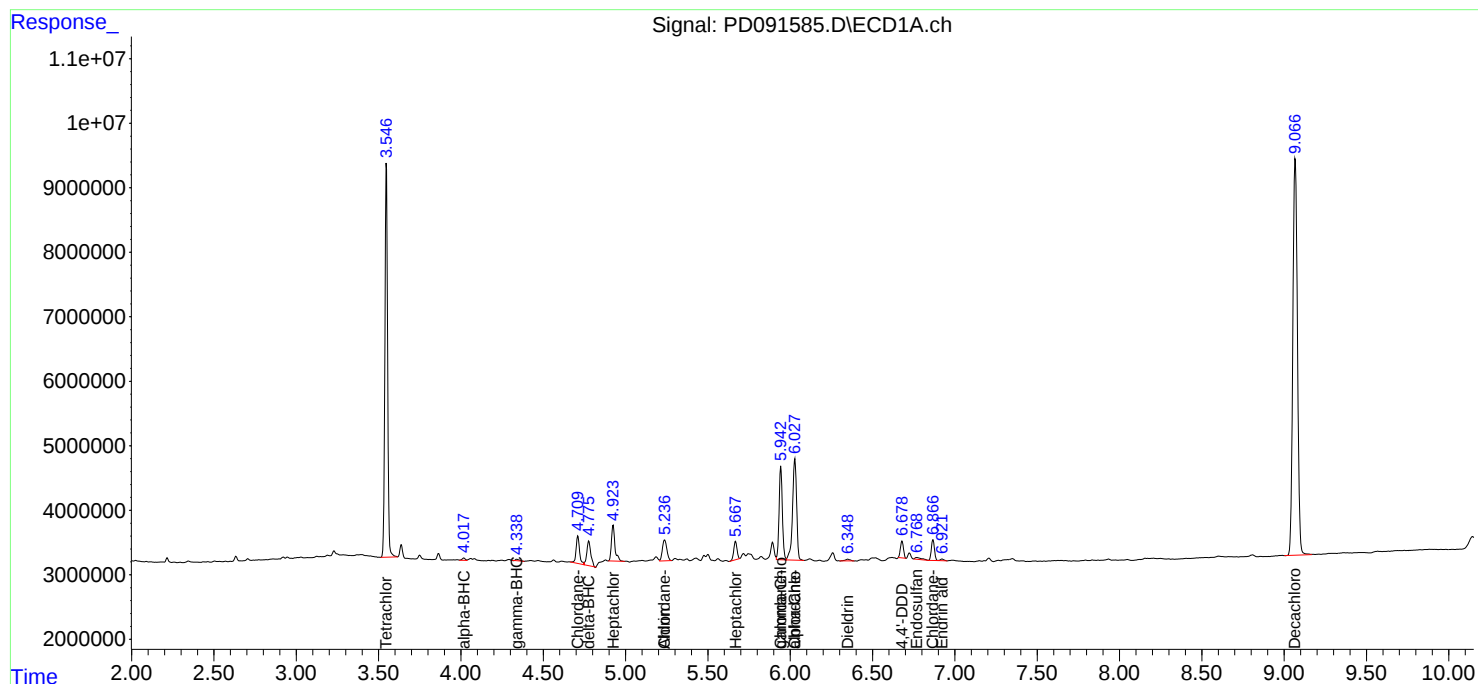
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

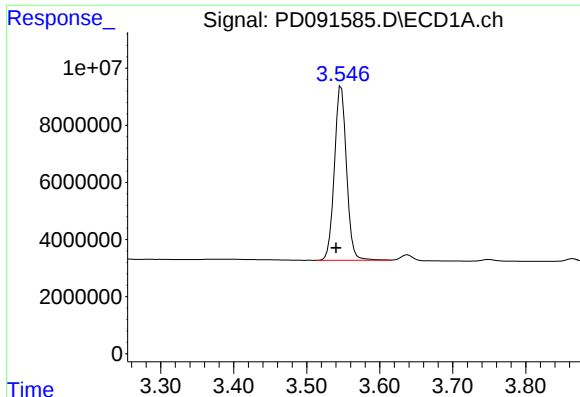
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121525\
Data File : PD091585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2025 12:21
Operator : AR\AJ
Sample : Q3530-01
Misc : CHLOR LOD 25PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 01:10:59 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

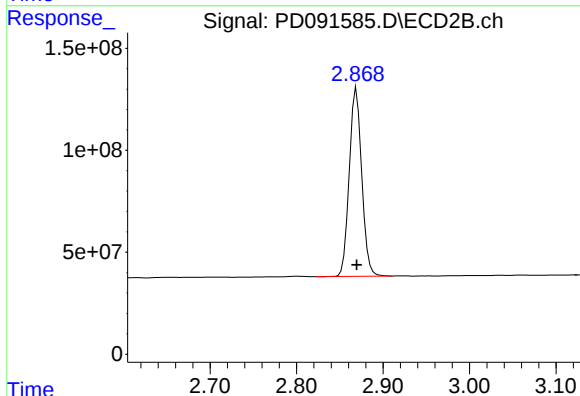




#1 Tetrachloro-m-xylene

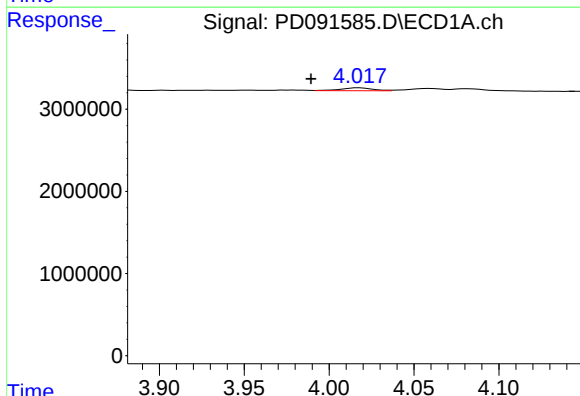
R.T.: 3.547 min
Delta R.T.: 0.007 min
Response: 70284806
Conc: 20.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



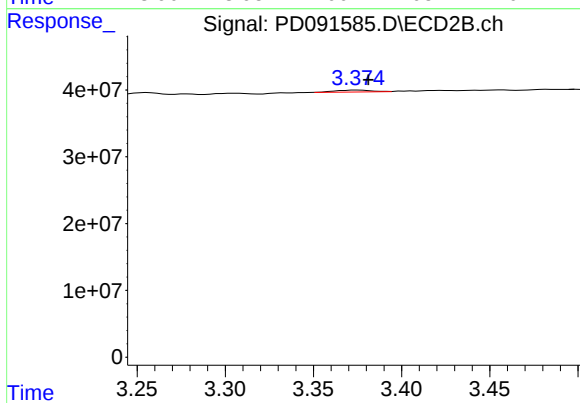
#1 Tetrachloro-m-xylene

R.T.: 2.869 min
Delta R.T.: 0.000 min
Response: 921471632
Conc: 23.39 ng/ml



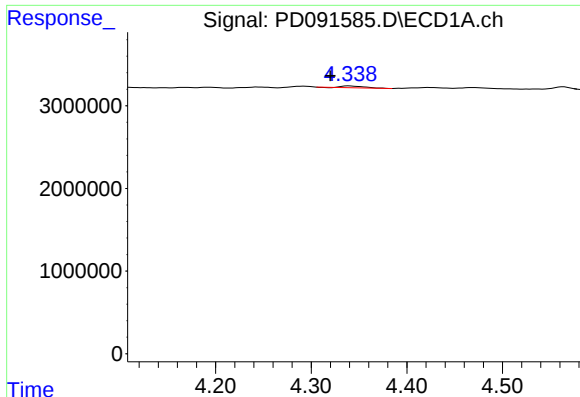
#2 alpha-BHC

R.T.: 4.018 min
Delta R.T.: 0.028 min
Response: 450153
Conc: 0.06 ng/ml



#2 alpha-BHC

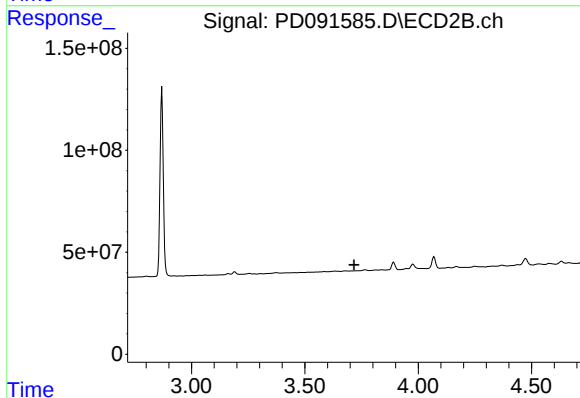
R.T.: 3.375 min
Delta R.T.: -0.006 min
Response: 3825998
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

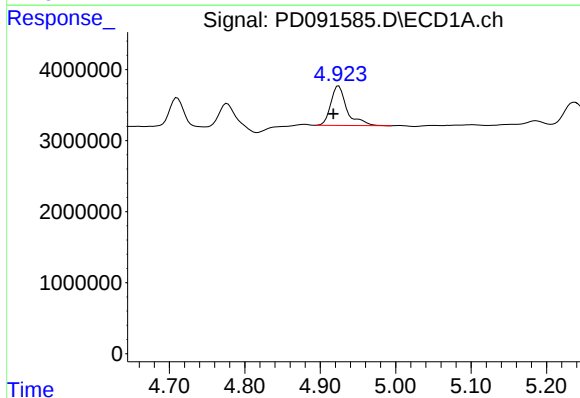
R.T.: 4.339 min
Delta R.T.: 0.019 min
Response: 356282
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



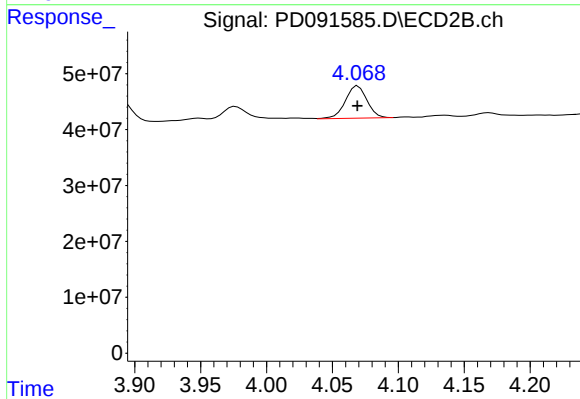
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: 0.002 min
Response: -772518
Conc: N.D.



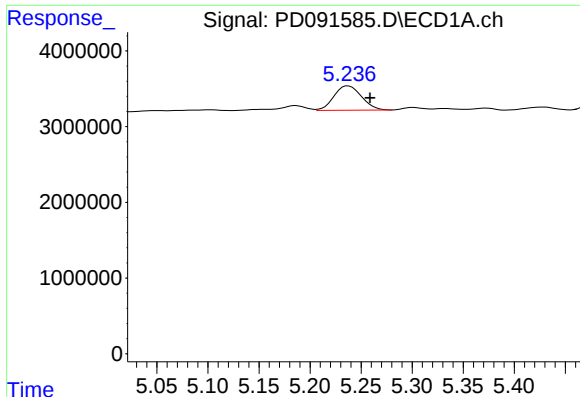
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.007 min
Response: 8287130
Conc: 1.17 ng/ml



#4 Heptachlor

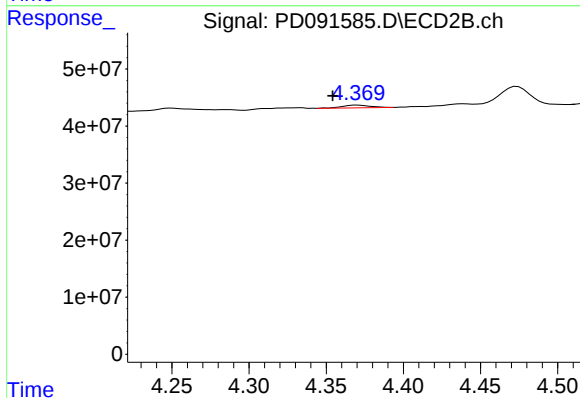
R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 65974080
Conc: 1.13 ng/ml



#5 Aldrin

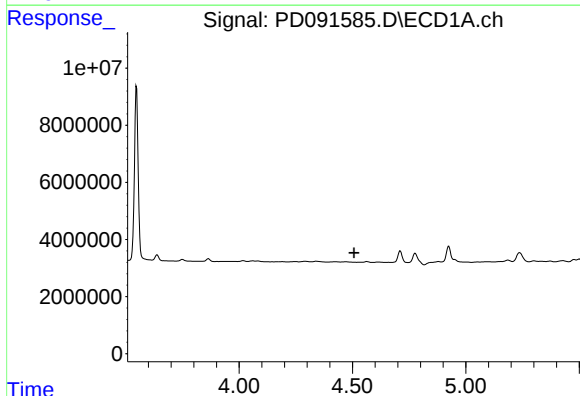
R.T.: 5.237 min
Delta R.T.: -0.021 min
Response: 6060479
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



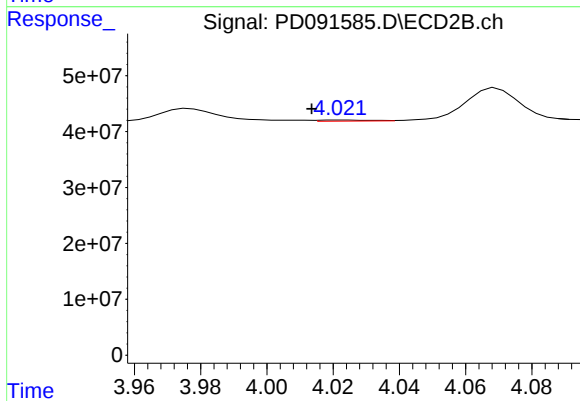
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: 0.016 min
Response: 5958993
Conc: 0.10 ng/ml



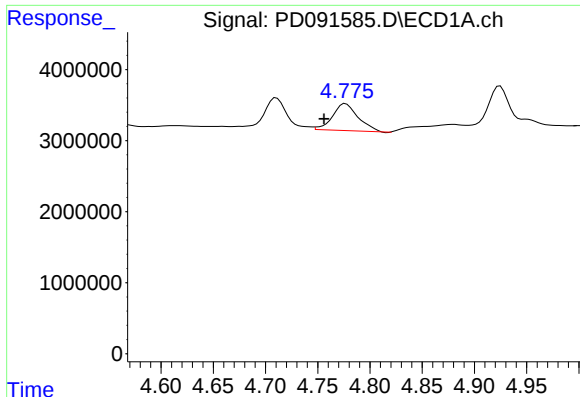
#6 beta-BHC

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



#6 beta-BHC

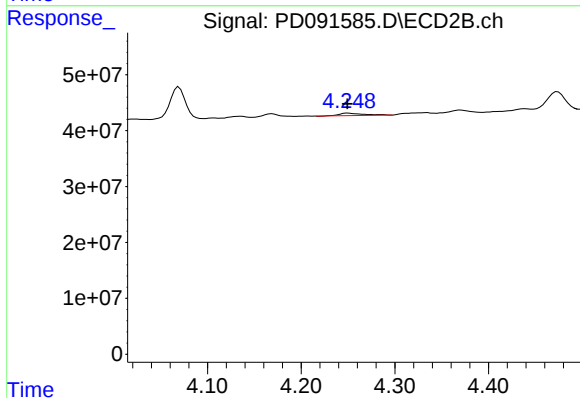
R.T.: 4.023 min
Delta R.T.: 0.010 min
Response: 2180208
Conc: 0.09 ng/ml



#7 delta-BHC

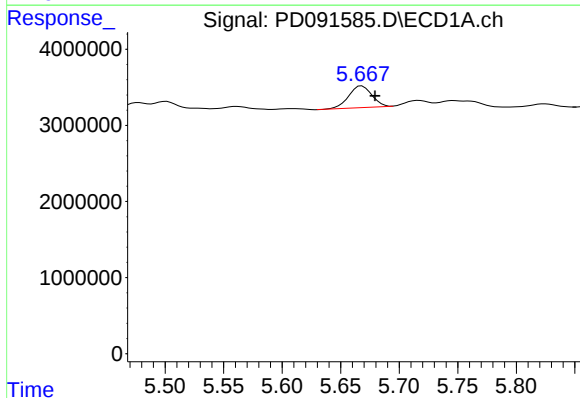
R.T.: 4.777 min
Delta R.T.: 0.021 min
Response: 6388464
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



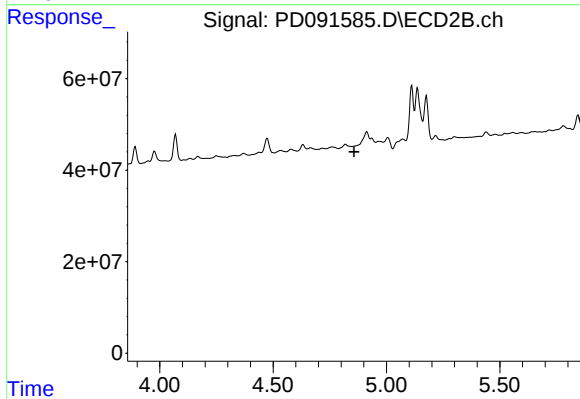
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 8050035
Conc: 0.13 ng/ml



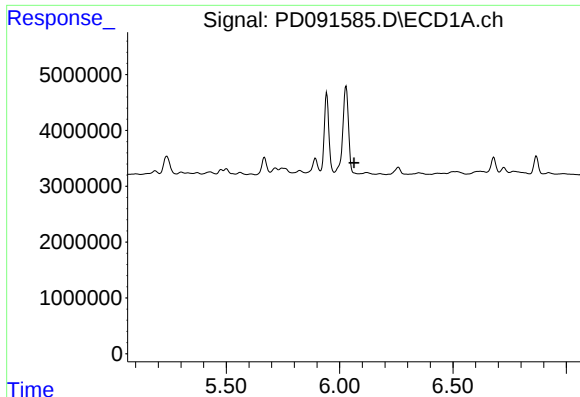
#8 Heptachlor epoxide

R.T.: 5.668 min
Delta R.T.: -0.011 min
Response: 3915246
Conc: 0.63 ng/ml



#8 Heptachlor epoxide

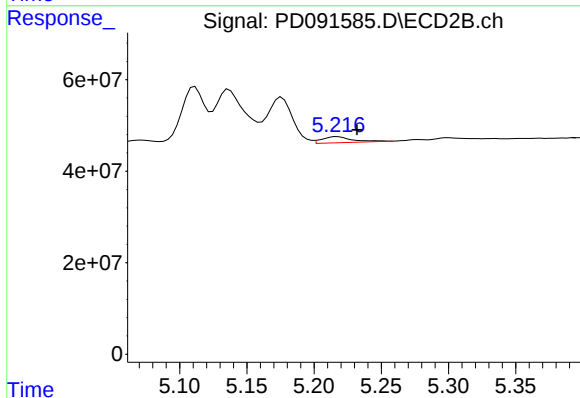
R.T.: 0.000 min
Exp R.T. : 4.858 min
Response: 0
Conc: N.D.



#9 Endosulfan I

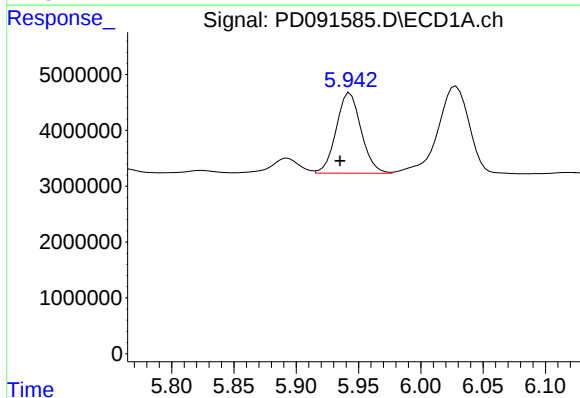
R.T.: 0.000 min
Exp R.T.: 6.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



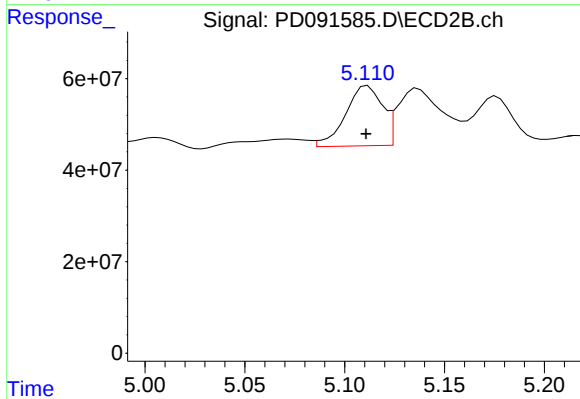
#9 Endosulfan I

R.T.: 5.217 min
Delta R.T.: -0.015 min
Response: 20607317
Conc: 0.42 ng/ml



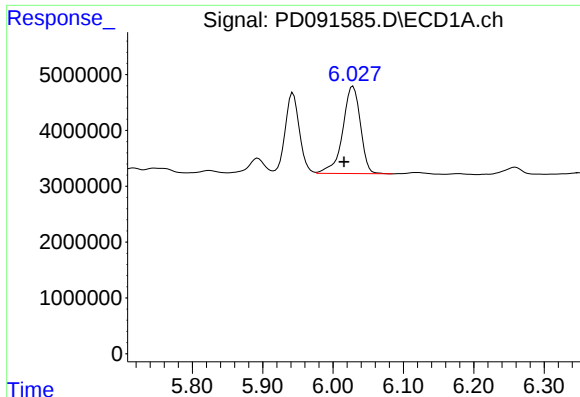
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.008 min
Response: 20049607
Conc: 3.14 ng/ml



#10 gamma-Chlordane

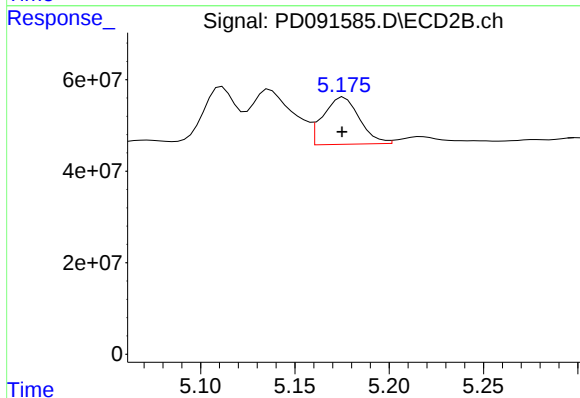
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 167870152
Conc: 3.01 ng/ml



#11 alpha-Chlordane

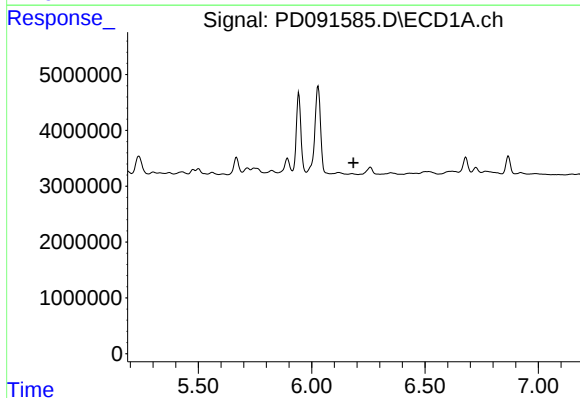
R.T.: 6.028 min
Delta R.T.: 0.013 min
Response: 27394396
Conc: 4.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



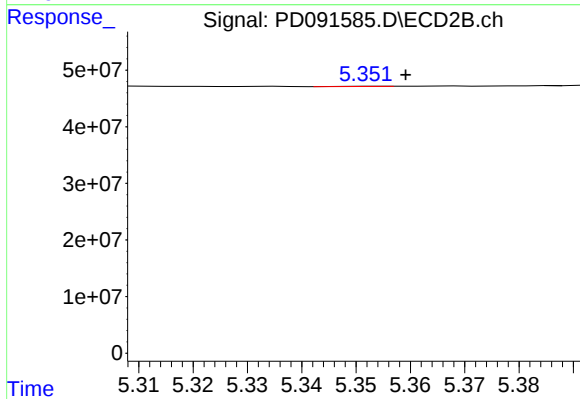
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.001 min
Response: 137872647
Conc: 2.57 ng/ml



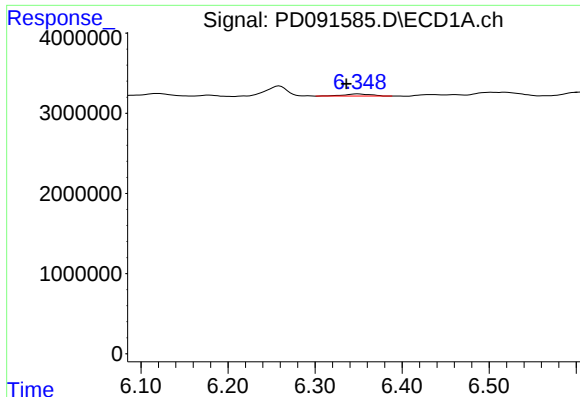
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.185 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

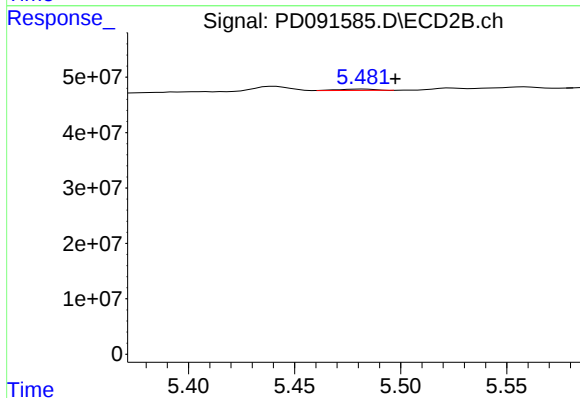
R.T.: 5.353 min
Delta R.T.: -0.006 min
Response: 250907
Conc: 0.00 ng/ml



#13 Dieldrin

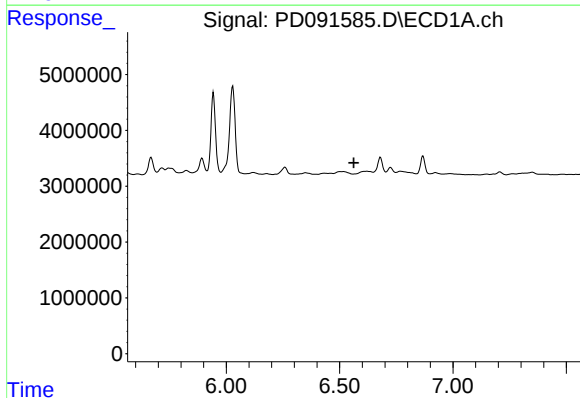
R.T.: 6.350 min
Delta R.T.: 0.014 min
Response: 555625
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



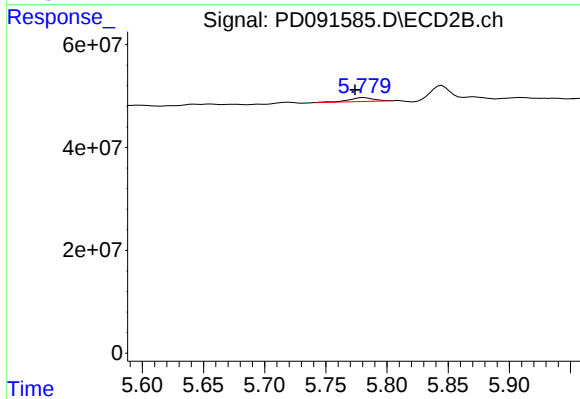
#13 Dieldrin

R.T.: 5.482 min
Delta R.T.: -0.015 min
Response: 2926708
Conc: 0.05 ng/ml



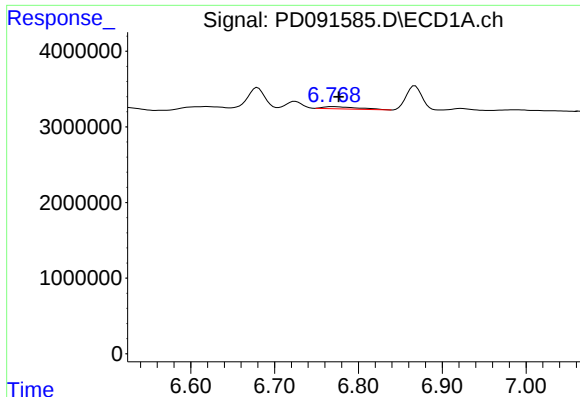
#14 Endrin

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



#14 Endrin

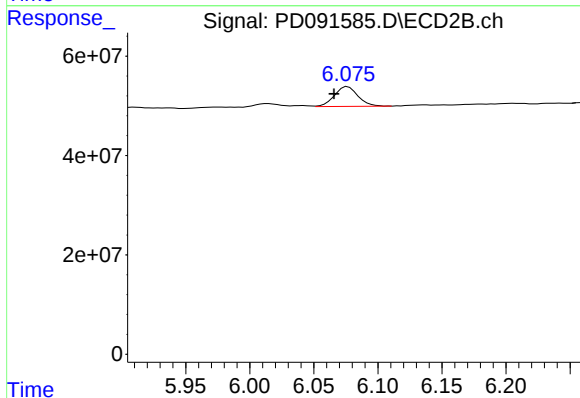
R.T.: 5.781 min
Delta R.T.: 0.007 min
Response: 10896856
Conc: 0.21 ng/ml



#15 Endosulfan II

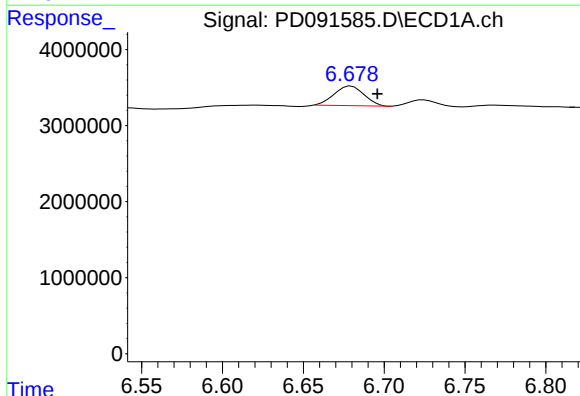
R.T.: 6.769 min
Delta R.T.: -0.008 min
Response: 856173
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



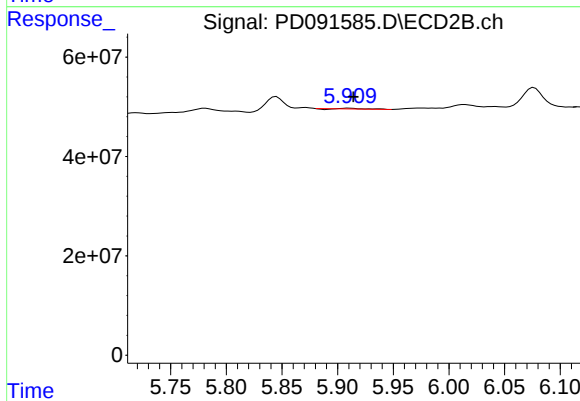
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.011 min
Response: 50406894
Conc: 1.07 ng/ml



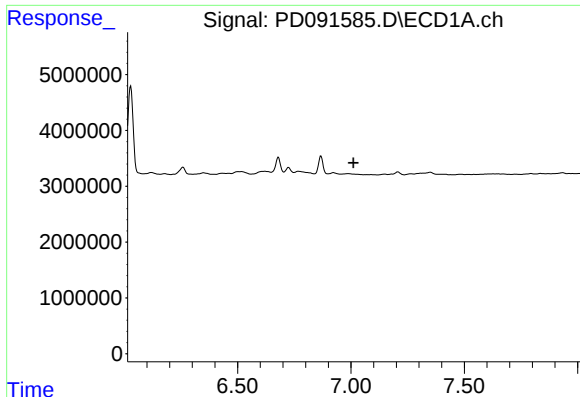
#16 4,4'-DDD

R.T.: 6.680 min
Delta R.T.: -0.016 min
Response: 3306212
Conc: 0.72 ng/ml



#16 4,4'-DDD

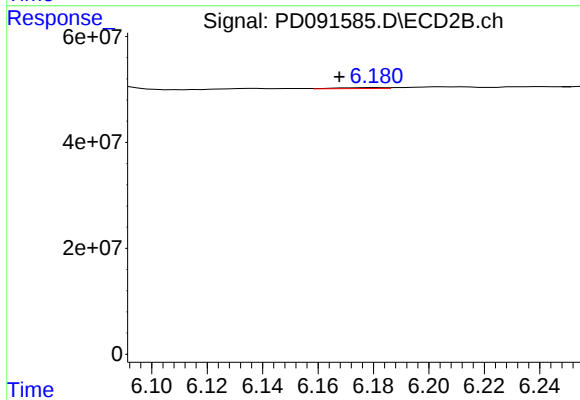
R.T.: 5.910 min
Delta R.T.: -0.004 min
Response: 946913
Conc: 0.02 ng/ml



#17 4,4'-DDT

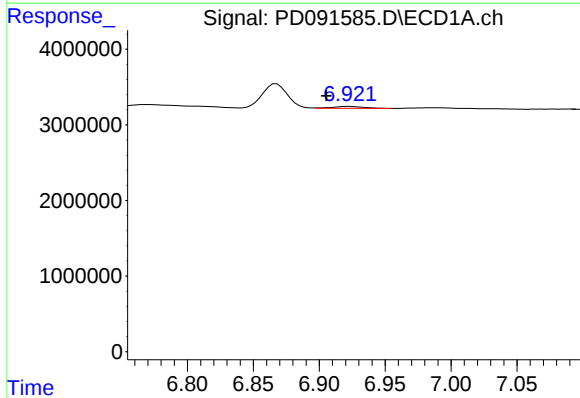
R.T.: 0.000 min
Exp R.T.: 7.012 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



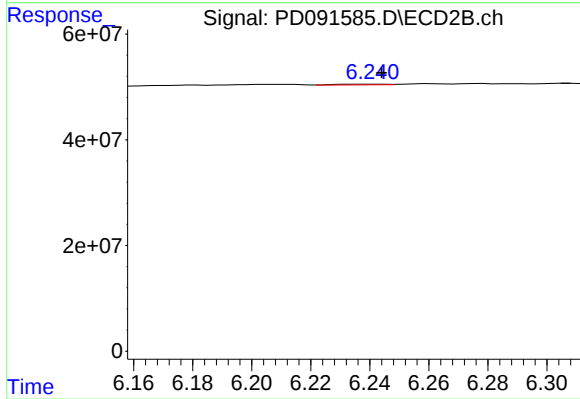
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: 0.013 min
Response: 1998880
Conc: 0.04 ng/ml



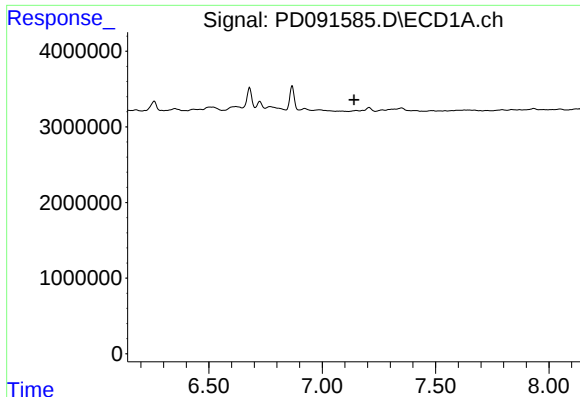
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.017 min
Response: 390339
Conc: 0.09 ng/ml



#18 Endrin aldehyde

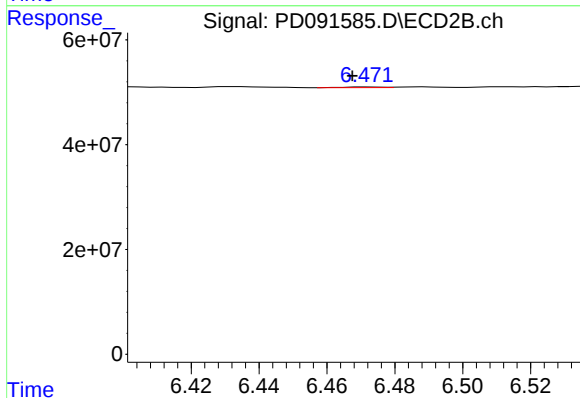
R.T.: 6.241 min
Delta R.T.: -0.003 min
Response: 1783431
Conc: 0.05 ng/ml



#19 Endosulfan Sulfate

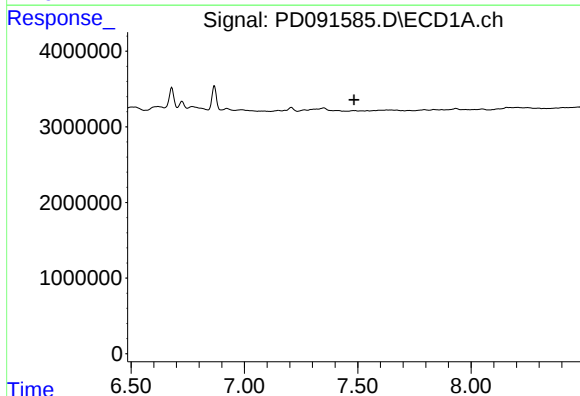
R.T.: 0.000 min
Exp R.T.: 7.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



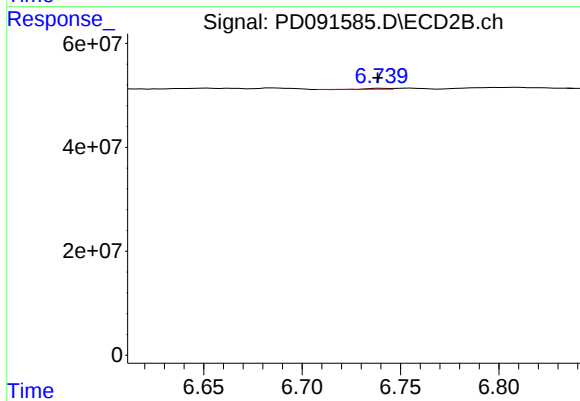
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.005 min
Response: 920824
Conc: 0.02 ng/ml



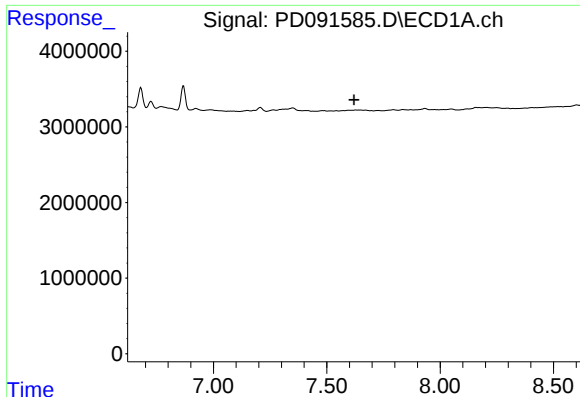
#20 Methoxychlor

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



#20 Methoxychlor

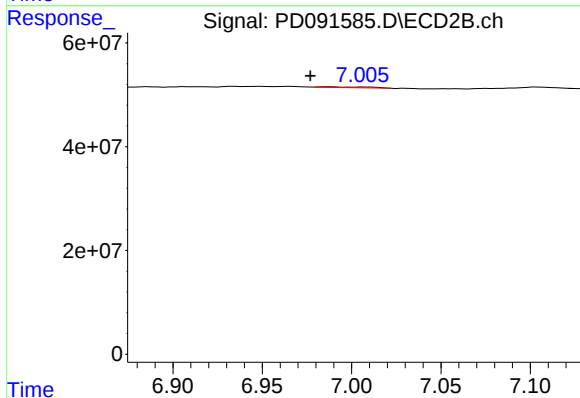
R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 1134994
Conc: 0.05 ng/ml



#21 Endrin ketone

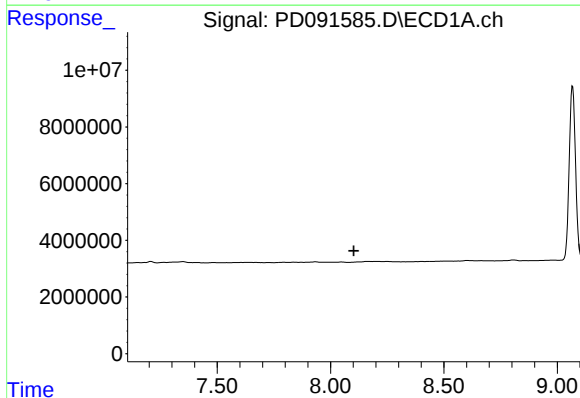
R.T.: 0.000 min
Exp R.T.: 7.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



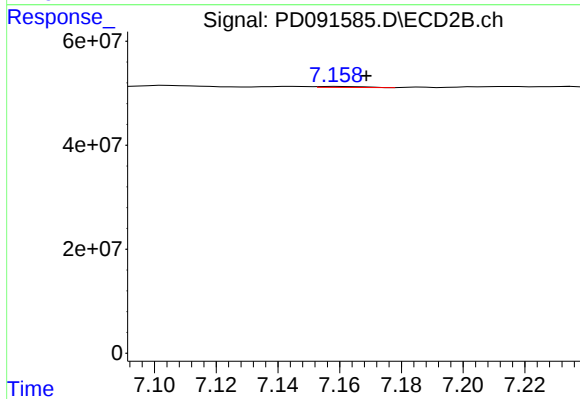
#21 Endrin ketone

R.T.: 6.988 min
Delta R.T.: 0.011 min
Response: 2693325
Conc: 0.06 ng/ml



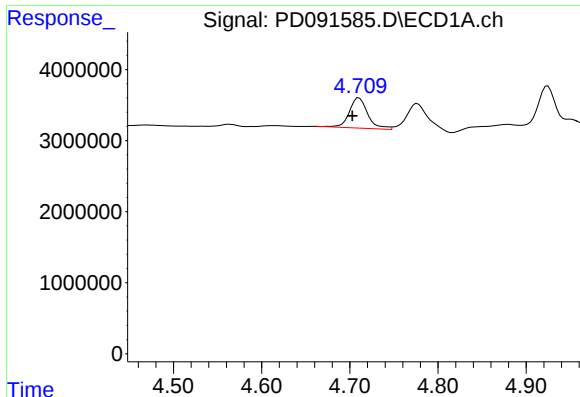
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.019 min
Response: -178619
Conc: N.D.



#22 Mirex

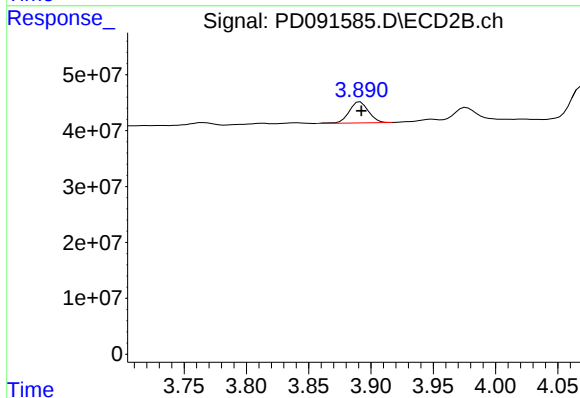
R.T.: 7.158 min
Delta R.T.: -0.010 min
Response: 1815399
Conc: 0.06 ng/ml



#23 Chlordane-1

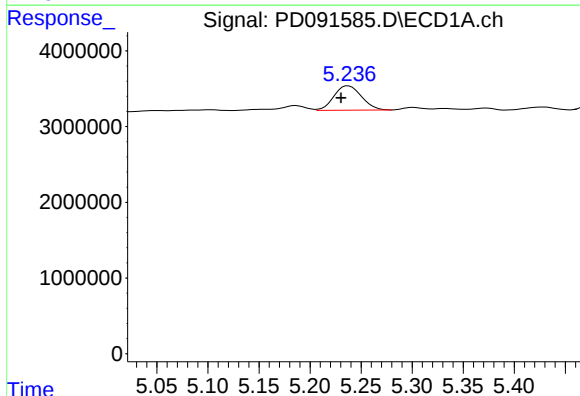
R.T.: 4.710 min
Delta R.T.: 0.008 min
Response: 6226703
Conc: 29.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



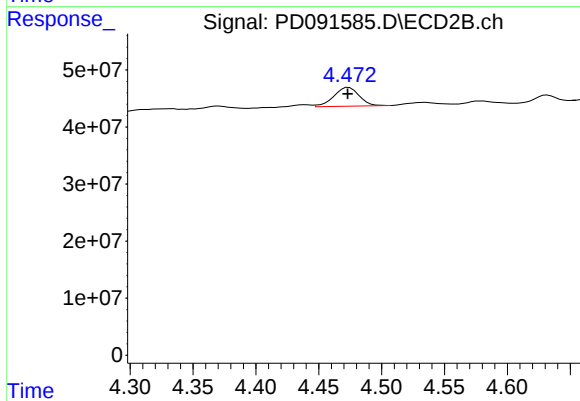
#23 Chlordane-1

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 40855162
Conc: 27.35 ng/ml



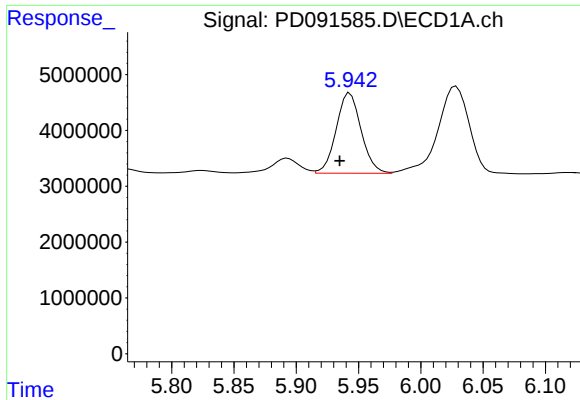
#24 Chlordane-2

R.T.: 5.237 min
Delta R.T.: 0.007 min
Response: 6060479
Conc: 29.63 ng/ml



#24 Chlordane-2

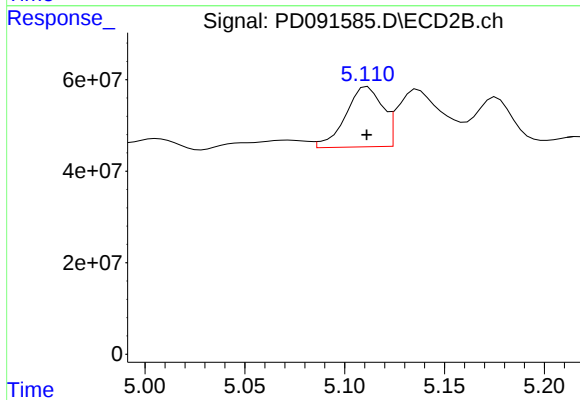
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 46162408
Conc: 29.24 ng/ml



#25 Chlordane-3

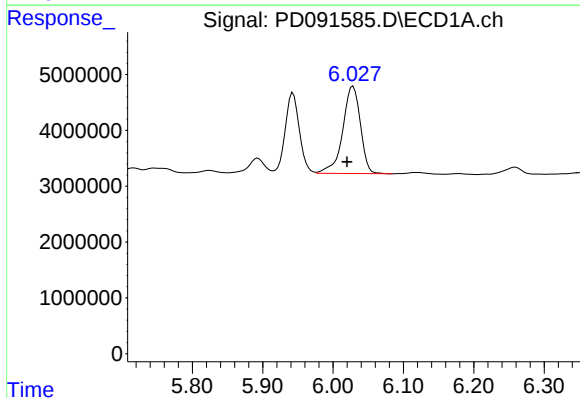
R.T.: 5.943 min
Delta R.T.: 0.008 min
Response: 20049607
Conc: 24.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



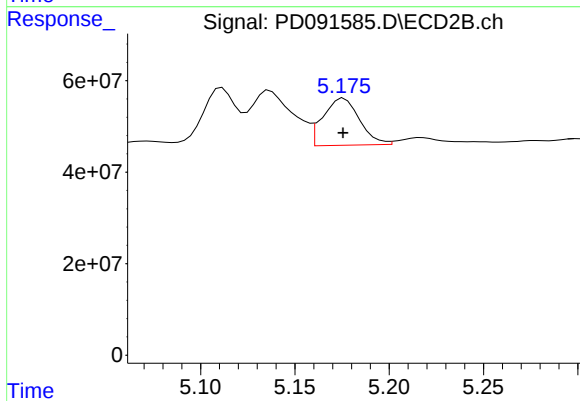
#25 Chlordane-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 167870152
Conc: 32.96 ng/ml



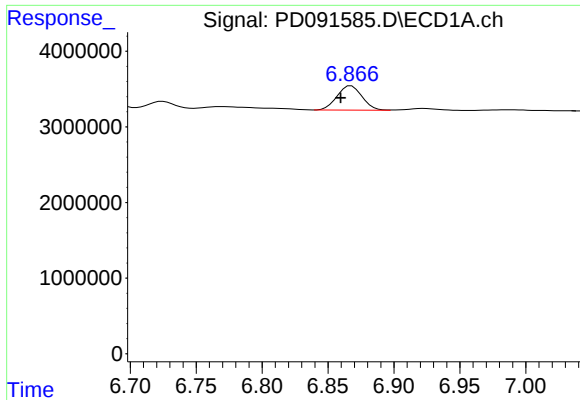
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: 0.009 min
Response: 27394396
Conc: 26.97 ng/ml



#26 Chlordane-4

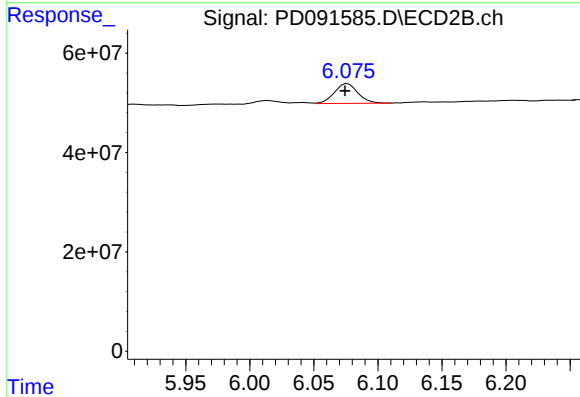
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 137872647
Conc: 32.30 ng/ml



#27 Chlordane-5

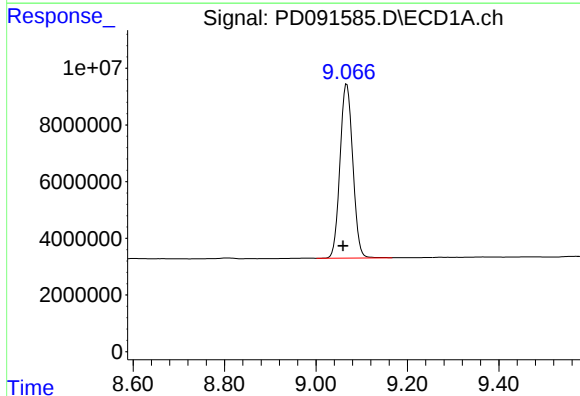
R.T.: 6.868 min
Delta R.T.: 0.008 min
Response: 4225149
Conc: 23.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



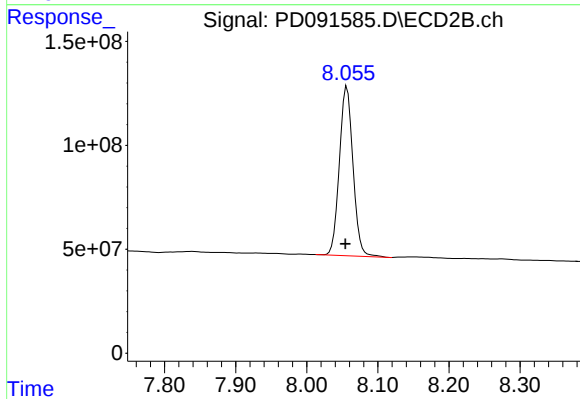
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: 0.002 min
Response: 50406894
Conc: 26.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.008 min
Response: 119431314
Conc: 22.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: 0.002 min
Response: 1083013206
Conc: 26.15 ng/ml