

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
 Data File : PD091602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 13:39
 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 17 04:56:50 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...	3.546	2.869	67790048	925.6E6	19.517	23.491
28)	SA Decachlor...	9.065	8.056	106.7E6	1027.0E6	20.521	24.801
Target Compounds							
2)	A alpha-BHC	4.018f	3.372	281270	19847735	0.035	0.291 #
4)	MA Heptachlor	4.922	4.069	7920691	73019538	1.116	1.253
5)	MB Aldrin	5.236f	4.370f	5957488	33730987	0.856	0.582 #
6)	B beta-BHC	4.494	4.022	462955	1316494	0.160	0.055 #
7)	B delta-BHC	4.775f	4.252	8156084	8078435	1.363	0.135 #
8)	B Heptachlo...	5.676	0.000	11711582	0	1.891	N.D. #
9)	A Endosulfan I	0.000	5.215f	0	38874128	N.D.	0.794 #
10)	B gamma-Chl...	5.941	5.111	20416853	190.9E6	3.202	3.420
11)	B alpha-Chl...	6.026	5.175	25567270	183.1E6	3.807	3.419
12)	B 4,4'-DDE	0.000	5.364	0	27344206	N.D.	0.499 #
13)	MA Dieldrin	6.347	5.502	565742	157977	0.087	0.003 #
14)	MA Endrin	0.000	5.782	0	193.6E6	N.D.	3.703 #
15)	B Endosulfa...	0.000	6.075	0	60873855	N.D.	1.292 #
16)	A 4,4'-DDD	6.678f	5.918	6690721	986466	1.454	0.022 #
17)	MA 4,4'-DDT	6.988f	6.174	2928342	6483497	0.568	0.137 #
18)	B Endrin al...	6.921f	6.245	2406387	1980114	0.576	0.055 #
19)	B Endosulfa...	7.145	6.465	115388	3368301	0.022	0.073 #
20)	A Methoxychlor	0.000	6.725	0	7854306	N.D.	0.333 #
21)	B Endrin ke...	7.613	0.000	334057	0	0.059	N.D. #
22)	Mirex	8.111	7.170	1238348	8179288	0.333	0.250 #
23)	Chlordane-1	4.709	3.891	5957944	46535082	28.380	31.150
24)	Chlordane-2	5.236	4.473	5957488	151.6E6	29.124	95.999 #
25)	Chlordane-3	5.941	5.111	20416853	190.9E6	24.914	37.486 #
26)	Chlordane-4	6.026	5.175	25567270	183.1E6	25.174	42.899 #
27)	Chlordane-5	6.865	6.075	7438122	60873855	42.054	32.105

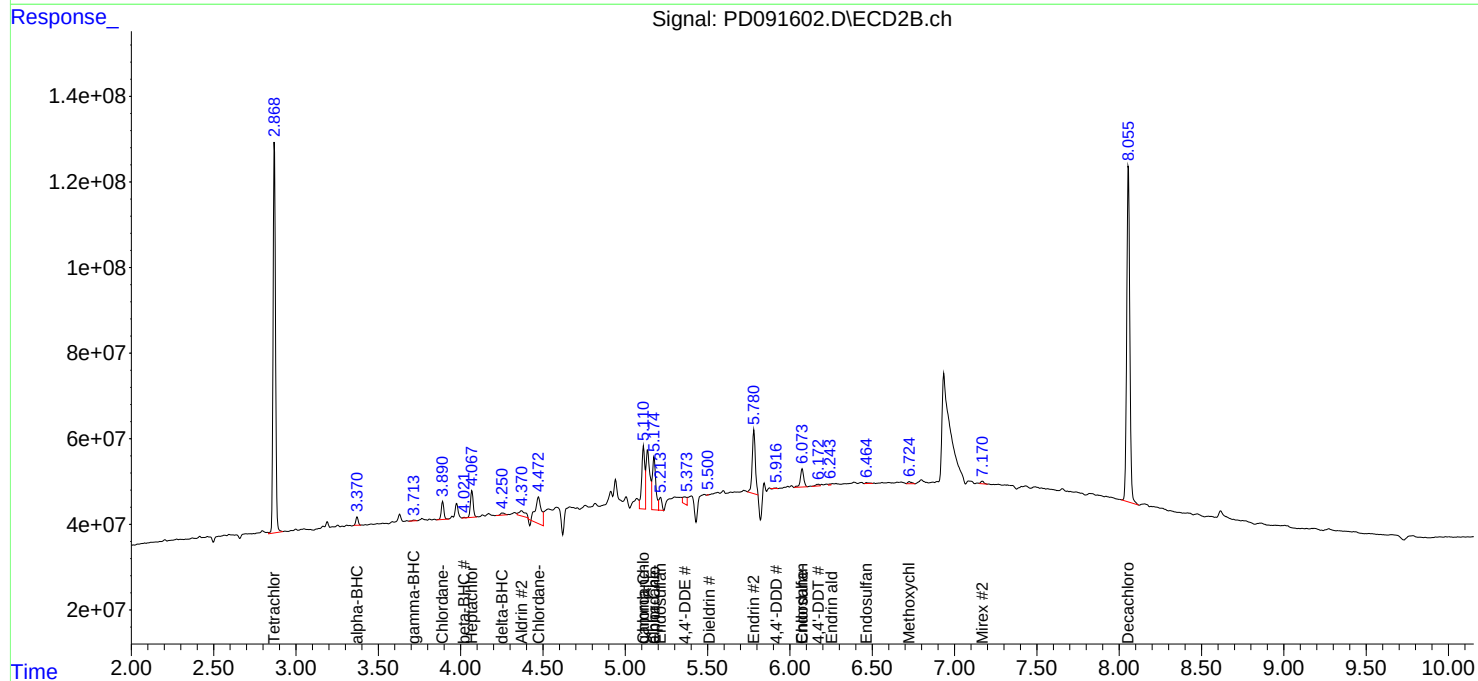
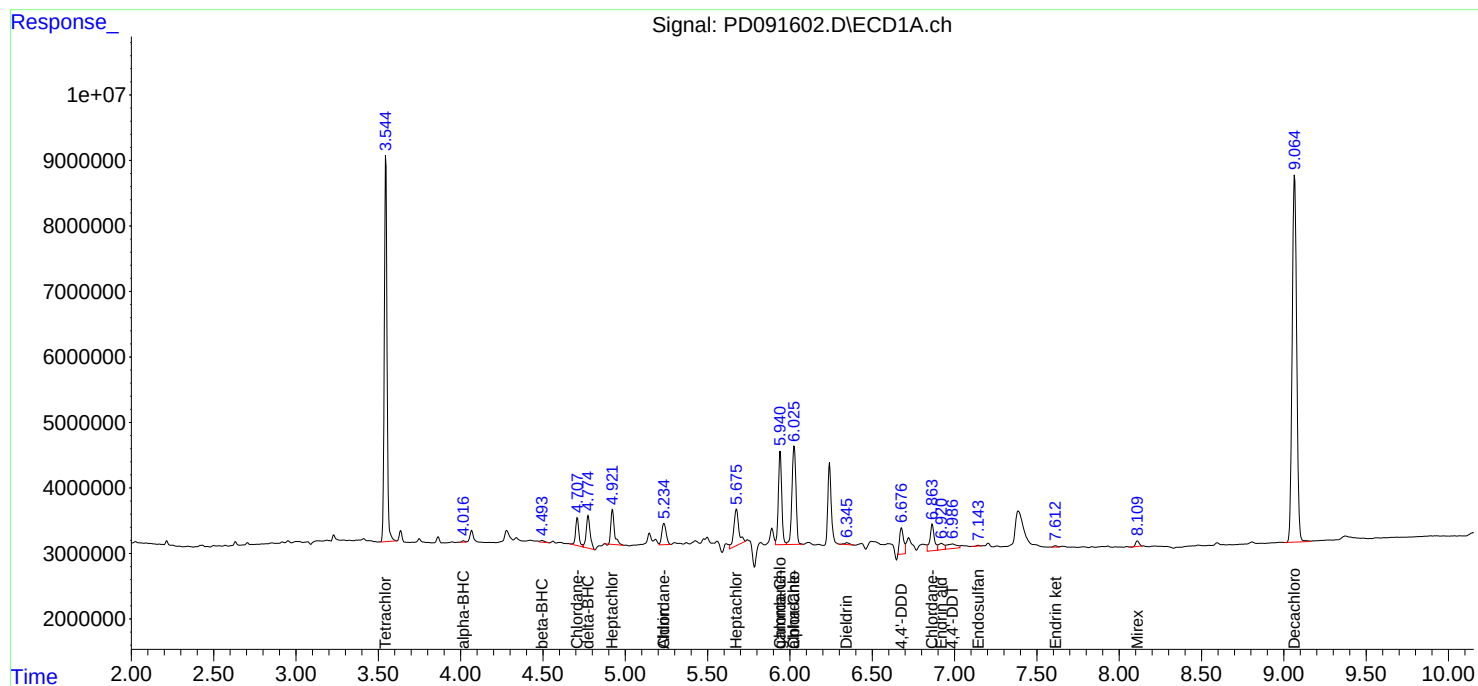
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

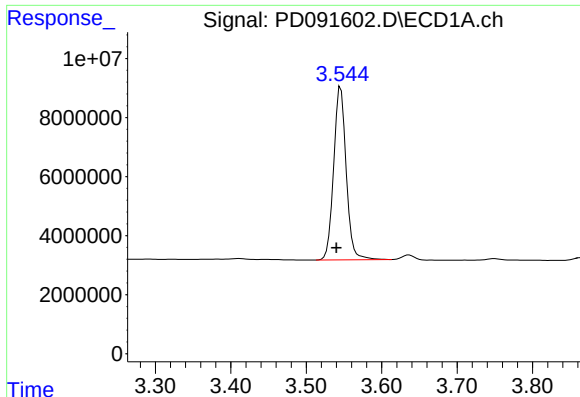
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
Data File : PD091602.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 13:39
Operator : AR\AJ
Sample : Q3530-01
Misc : CHLOR LOD 25PPB
ALS Vial : 7 Sample Multiplier: 1

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 17 04:56:50 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

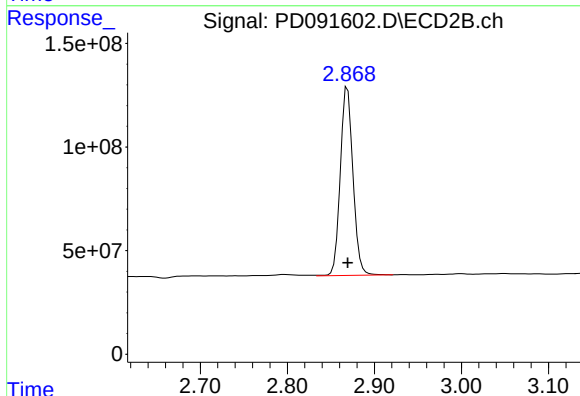




#1 Tetrachloro-m-xylene

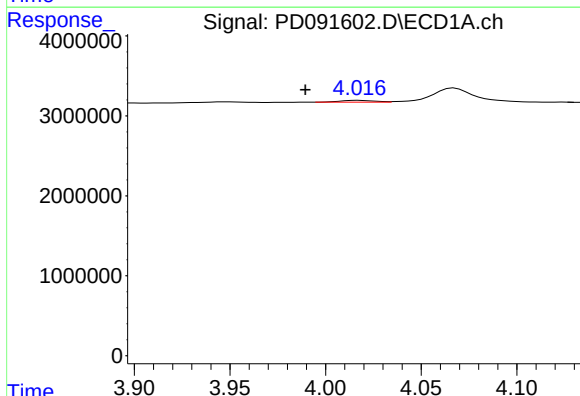
R.T.: 3.546 min
Delta R.T.: 0.006 min
Response: 67790048
Conc: 19.52 ng/ml

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



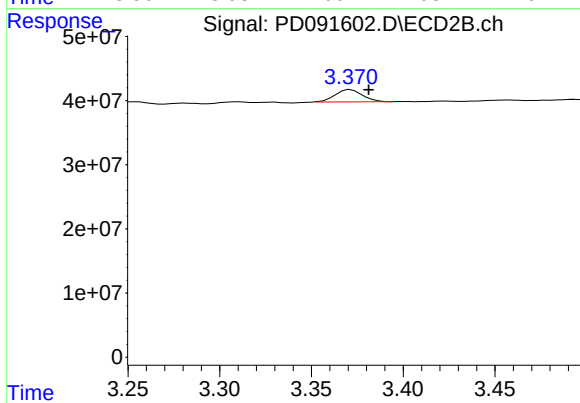
#1 Tetrachloro-m-xylene

R.T.: 2.869 min
Delta R.T.: 0.000 min
Response: 925620642
Conc: 23.49 ng/ml



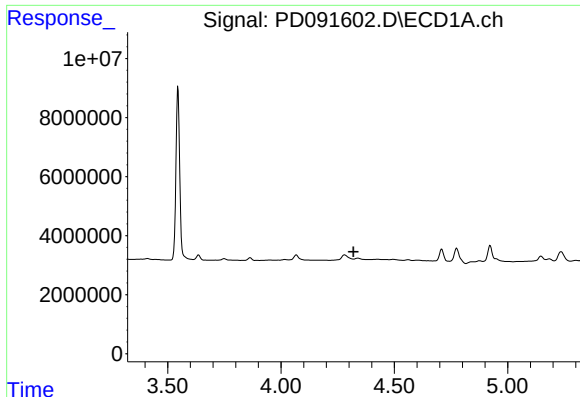
#2 alpha-BHC

R.T.: 4.018 min
Delta R.T.: 0.028 min
Response: 281270
Conc: 0.03 ng/ml



#2 alpha-BHC

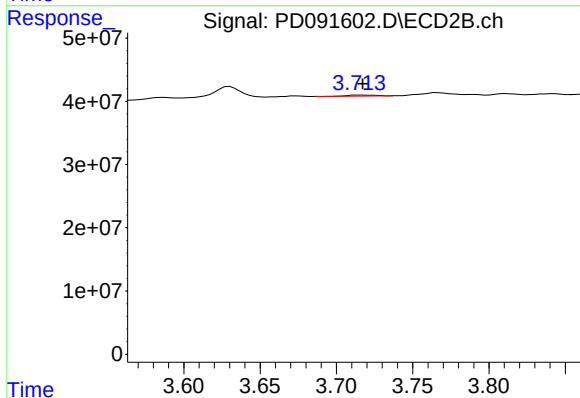
R.T.: 3.372 min
Delta R.T.: -0.010 min
Response: 19847735
Conc: 0.29 ng/ml



#3 gamma-BHC (Lindane)

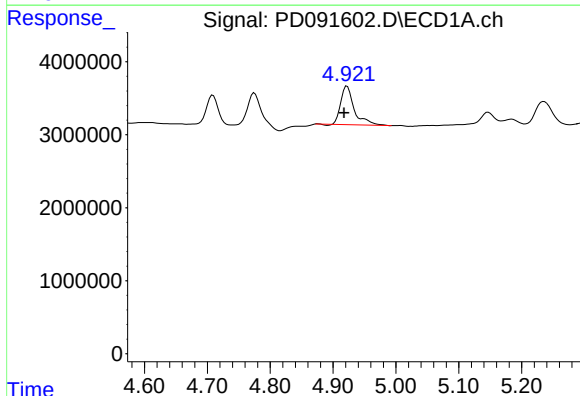
R.T.: 4.338 min
Delta R.T.: 0.018 min
Response: -448220
Conc: N.D.

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



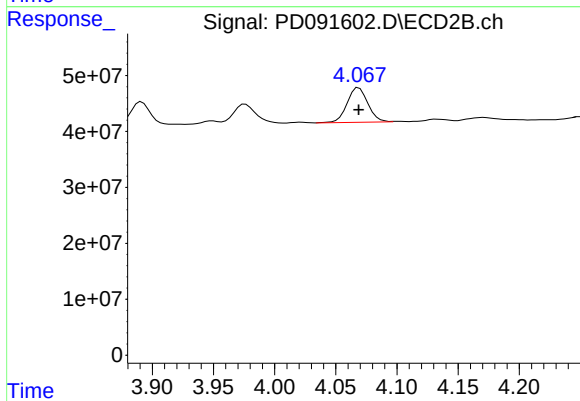
#3 gamma-BHC (Lindane)

R.T.: 3.715 min
Delta R.T.: -0.002 min
Response: 1876843
Conc: 0.03 ng/ml



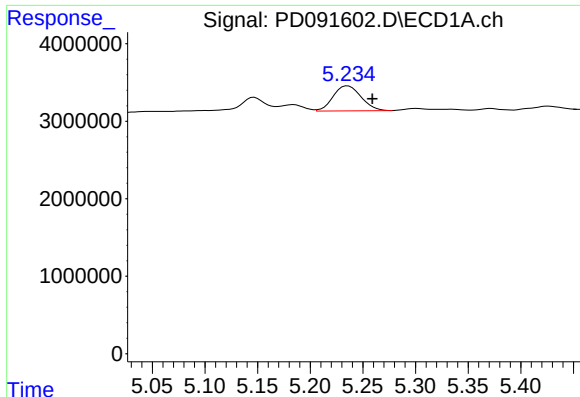
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.005 min
Response: 7920691
Conc: 1.12 ng/ml



#4 Heptachlor

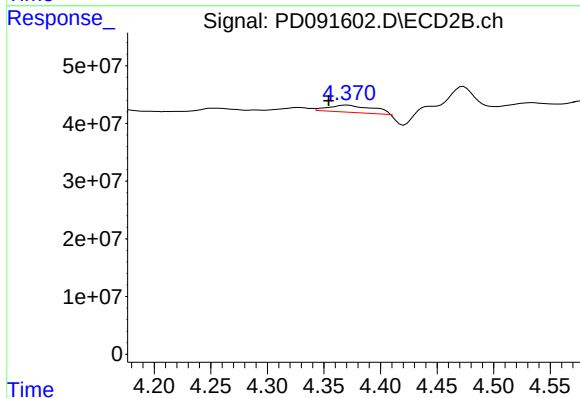
R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 73019538
Conc: 1.25 ng/ml



#5 Aldrin

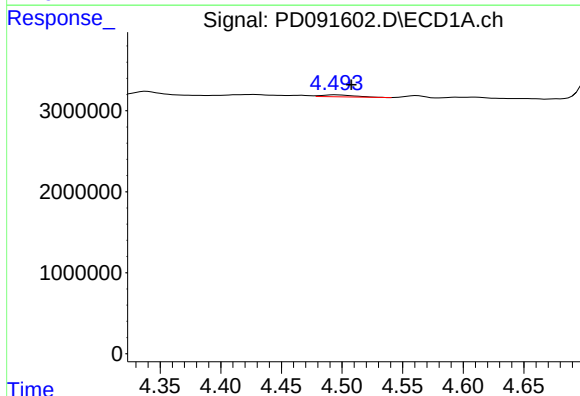
R.T.: 5.236 min
Delta R.T.: -0.023 min
Response: 5957488
Conc: 0.86 ng/ml

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



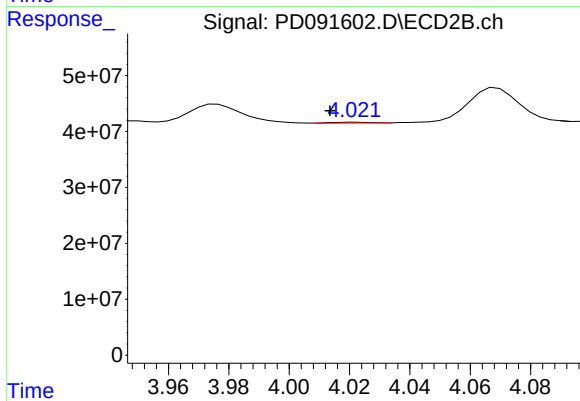
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: 0.016 min
Response: 33730987
Conc: 0.58 ng/ml



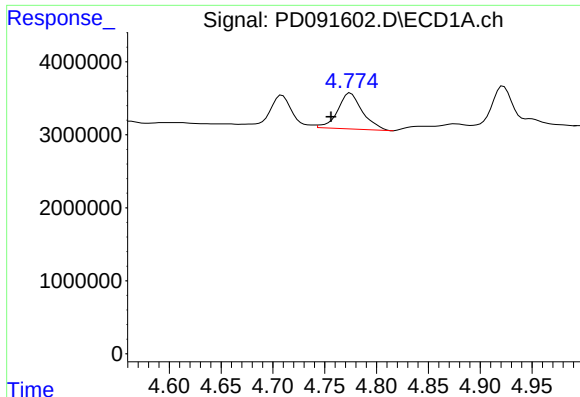
#6 beta-BHC

R.T.: 4.494 min
Delta R.T.: -0.013 min
Response: 462955
Conc: 0.16 ng/ml



#6 beta-BHC

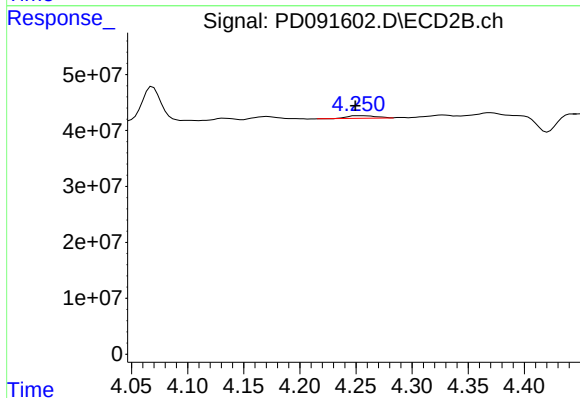
R.T.: 4.022 min
Delta R.T.: 0.009 min
Response: 1316494
Conc: 0.05 ng/ml



#7 delta-BHC

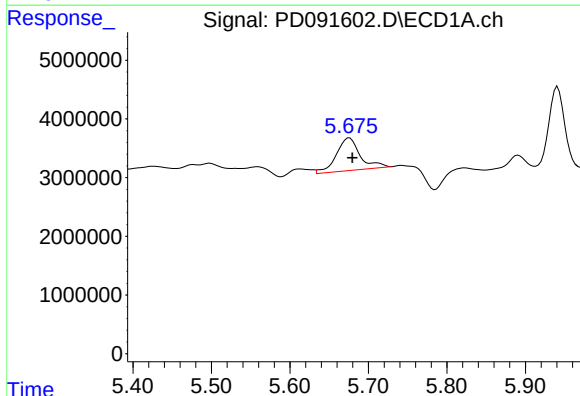
R.T.: 4.775 min
Delta R.T.: 0.019 min
Response: 8156084
Conc: 1.36 ng/ml

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



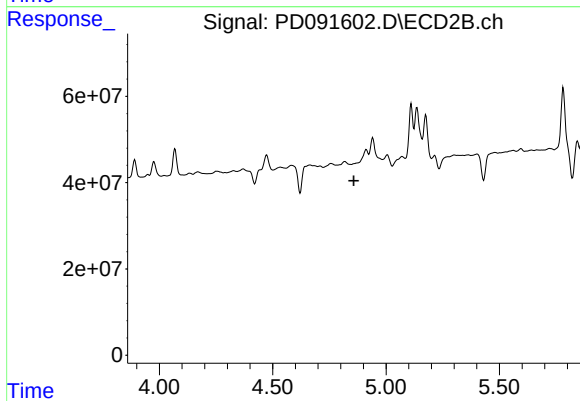
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.003 min
Response: 8078435
Conc: 0.13 ng/ml



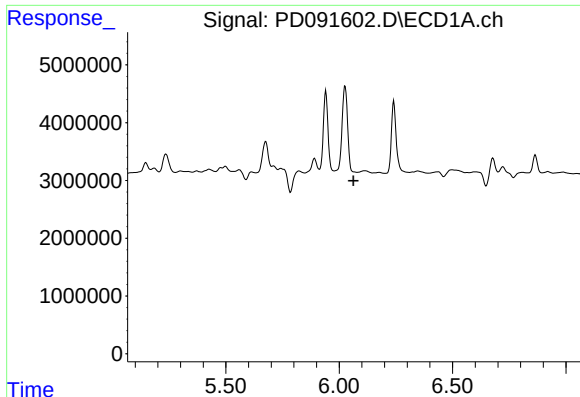
#8 Heptachlor epoxide

R.T.: 5.676 min
Delta R.T.: -0.004 min
Response: 11711582
Conc: 1.89 ng/ml



#8 Heptachlor epoxide

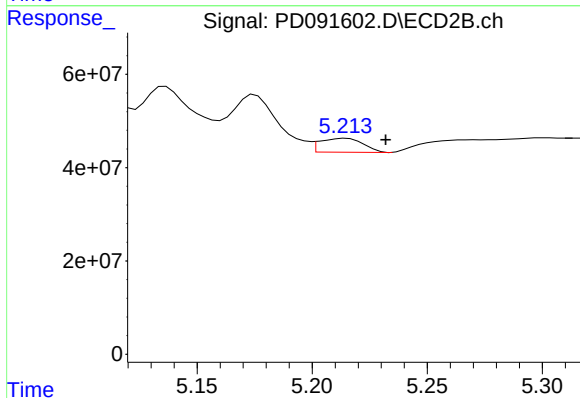
R.T.: 0.000 min
Exp R.T. : 4.858 min
Response: 0
Conc: N.D.



#9 Endosulfan I

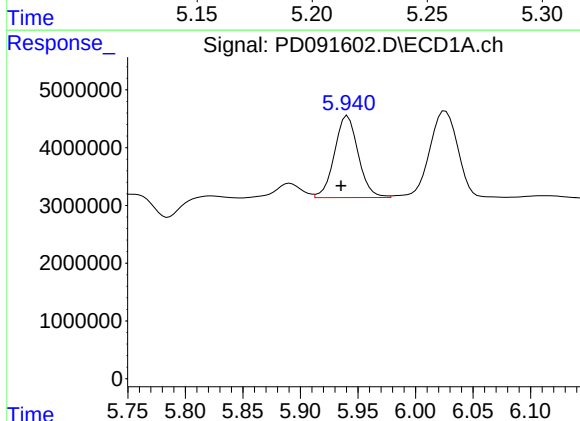
R.T.: 0.000 min
Exp R.T.: 6.063 min
Response: 0
Conc: N.D.

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



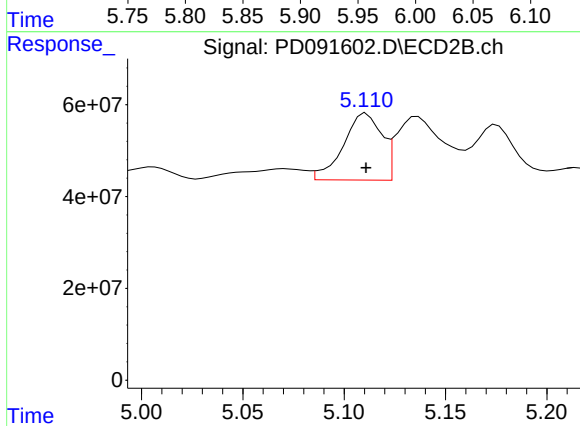
#9 Endosulfan I

R.T.: 5.215 min
Delta R.T.: -0.017 min
Response: 38874128
Conc: 0.79 ng/ml



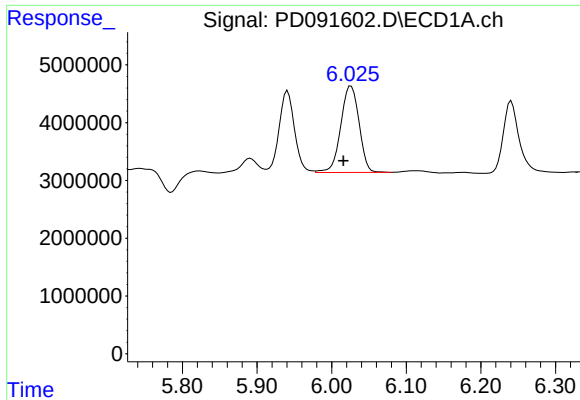
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.006 min
Response: 20416853
Conc: 3.20 ng/ml



#10 gamma-Chlordane

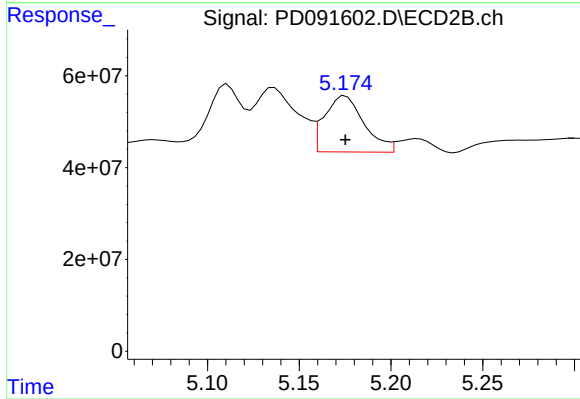
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 190911619
Conc: 3.42 ng/ml



#11 alpha-Chlordane

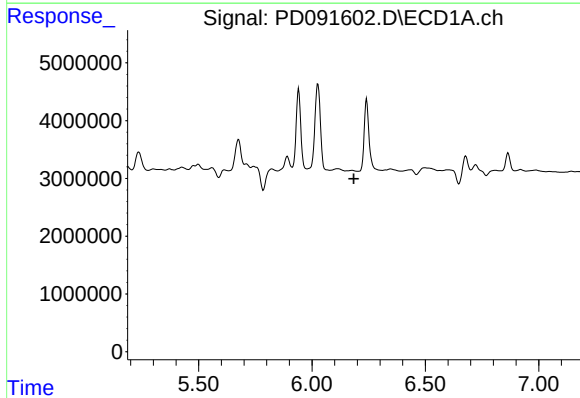
R.T.: 6.026 min
Delta R.T.: 0.010 min
Response: 25567270
Conc: 3.81 ng/ml

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



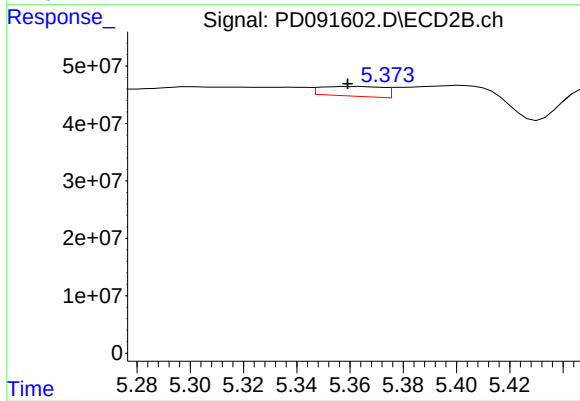
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 183115120
Conc: 3.42 ng/ml



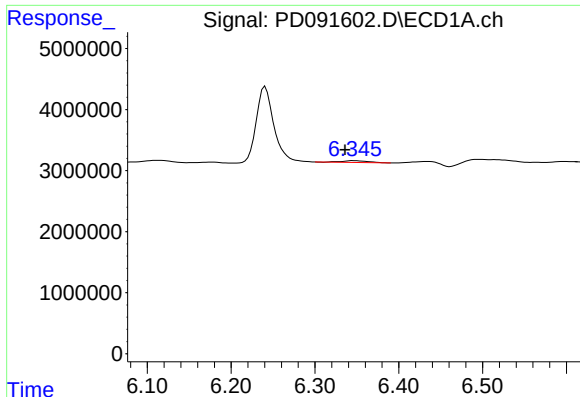
#12 4,4'-DDE

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



#12 4,4'-DDE

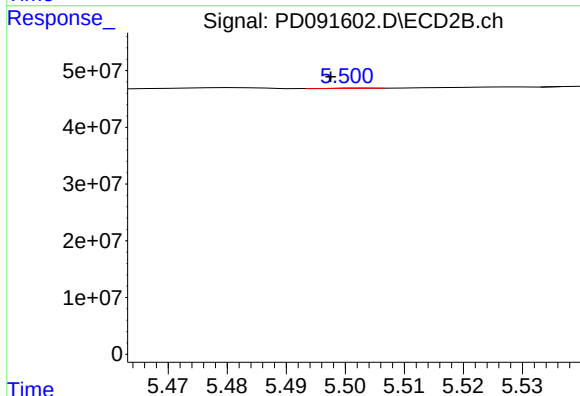
R.T.: 5.364 min
Delta R.T.: 0.005 min
Response: 27344206
Conc: 0.50 ng/ml



#13 Dieldrin

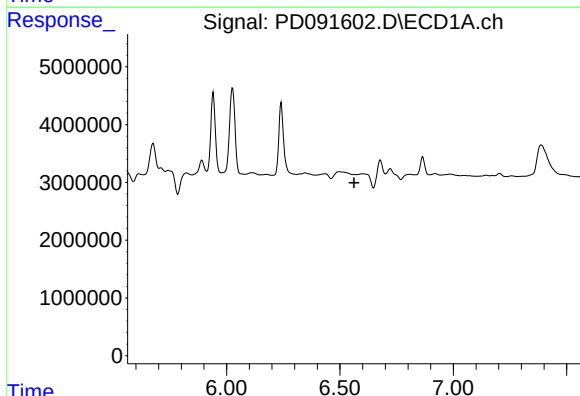
R.T.: 6.347 min
Delta R.T.: 0.011 min
Response: 565742
Conc: 0.09 ng/ml

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



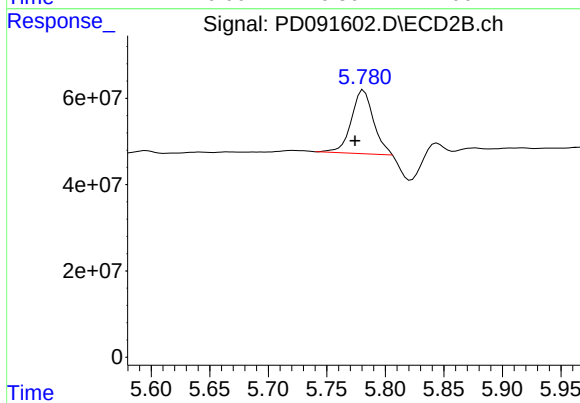
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: 0.005 min
Response: 157977
Conc: 0.00 ng/ml



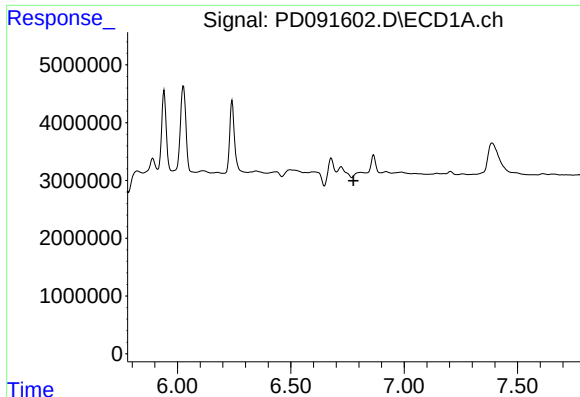
#14 Endrin

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



#14 Endrin

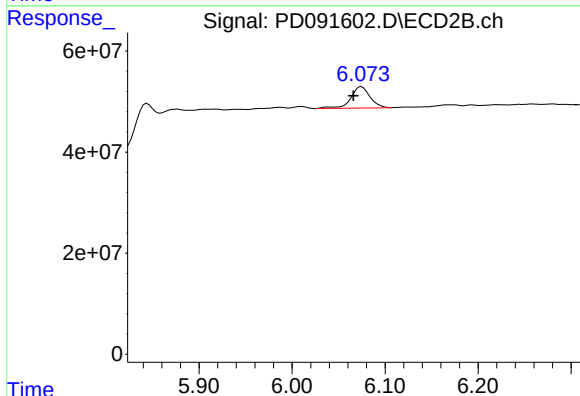
R.T.: 5.782 min
Delta R.T.: 0.008 min
Response: 193581077
Conc: 3.70 ng/ml



#15 Endosulfan II

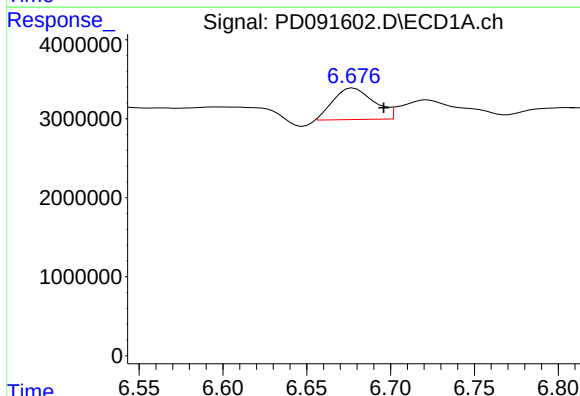
R.T.: 0.000 min
Exp R.T.: 6.777 min
Response: 0
Conc: N.D.

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



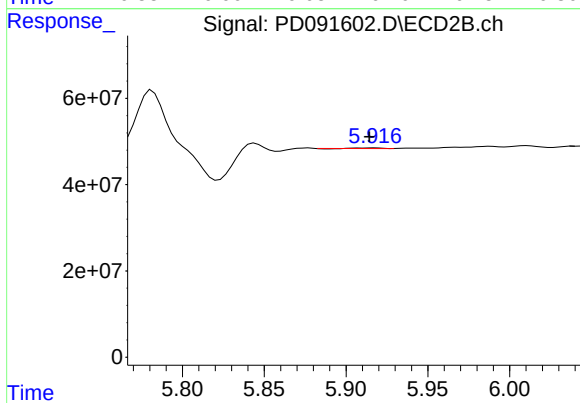
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.009 min
Response: 60873855
Conc: 1.29 ng/ml



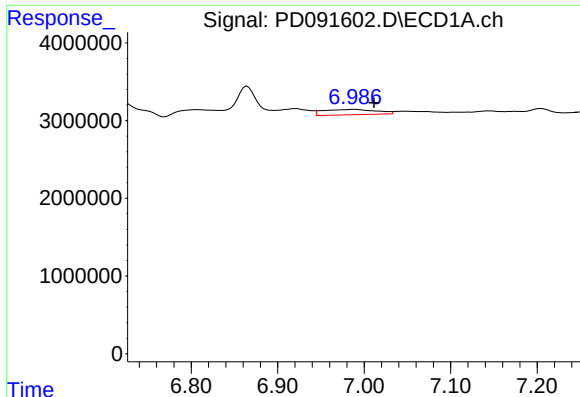
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: -0.018 min
Response: 6690721
Conc: 1.45 ng/ml



#16 4,4'-DDD

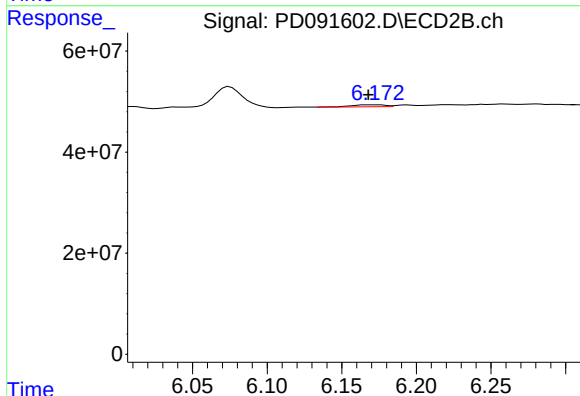
R.T.: 5.918 min
Delta R.T.: 0.003 min
Response: 986466
Conc: 0.02 ng/ml



#17 4,4'-DDT

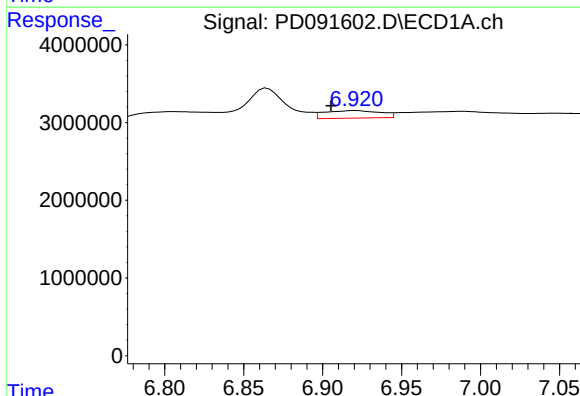
R.T.: 6.988 min
Delta R.T.: -0.024 min
Response: 2928342
Conc: 0.57 ng/ml

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



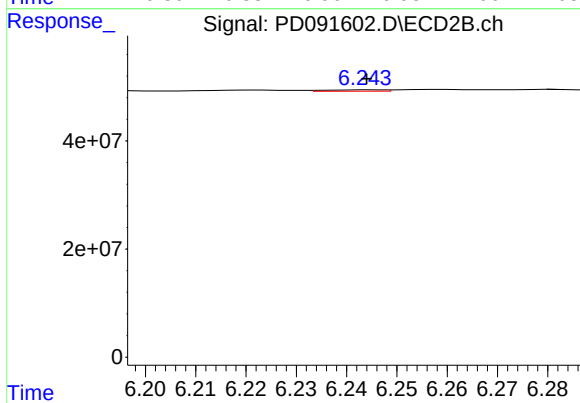
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.006 min
Response: 6483497
Conc: 0.14 ng/ml



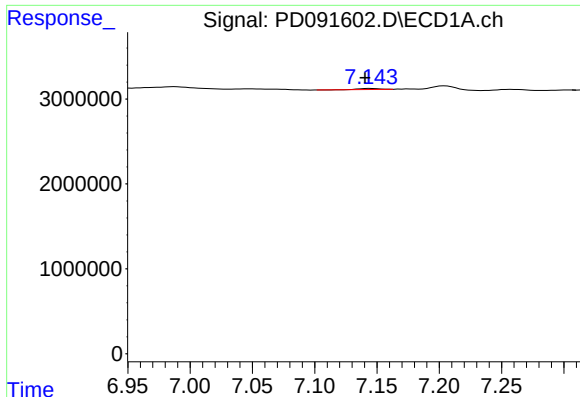
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.015 min
Response: 2406387
Conc: 0.58 ng/ml



#18 Endrin aldehyde

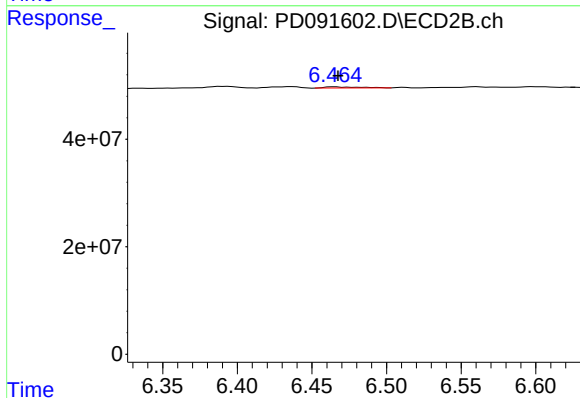
R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 1980114
Conc: 0.06 ng/ml



#19 Endosulfan Sulfate

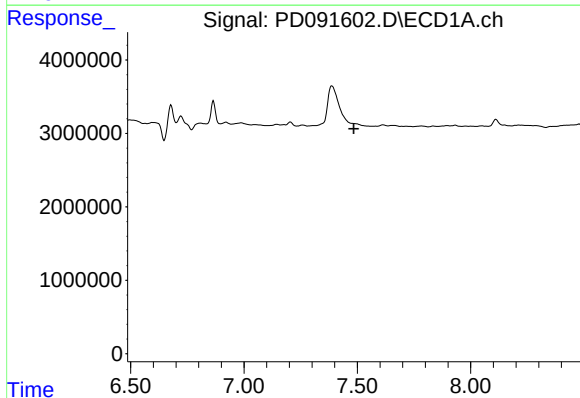
R.T.: 7.145 min
Delta R.T.: 0.005 min
Response: 115388
Conc: 0.02 ng/ml

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



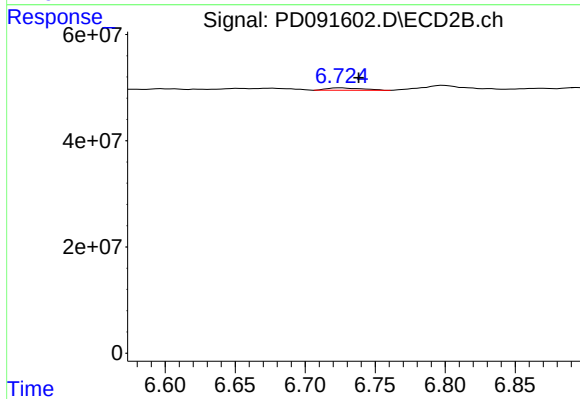
#19 Endosulfan Sulfate

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 3368301
Conc: 0.07 ng/ml



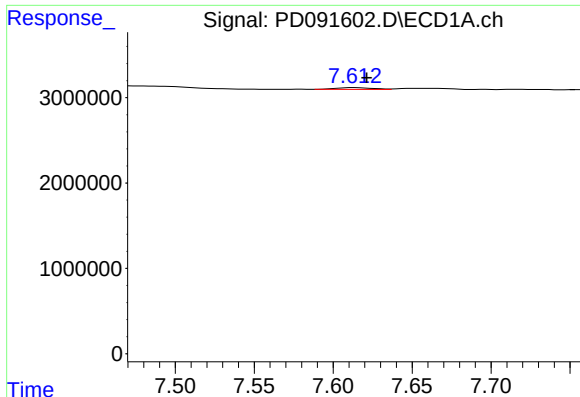
#20 Methoxychlor

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



#20 Methoxychlor

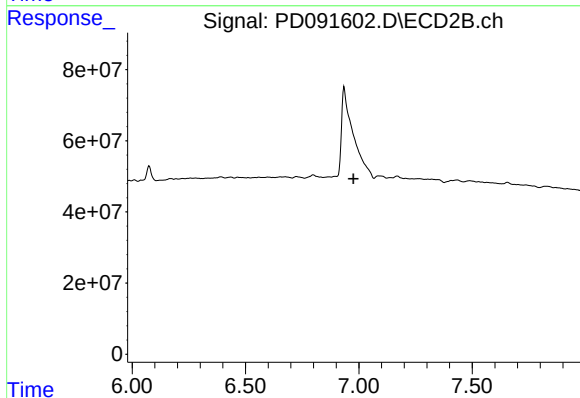
R.T.: 6.725 min
Delta R.T.: -0.013 min
Response: 7854306
Conc: 0.33 ng/ml



#21 Endrin ketone

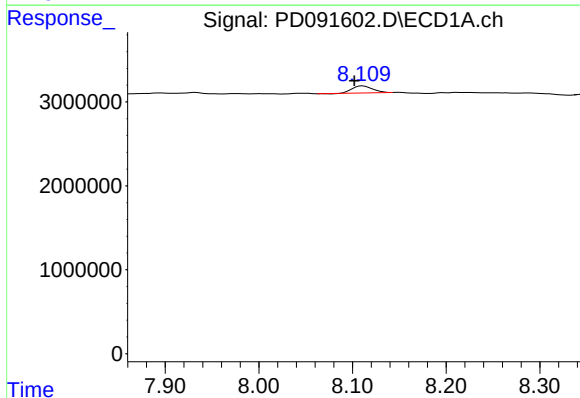
R.T.: 7.613 min
Delta R.T.: -0.008 min
Response: 334057
Conc: 0.06 ng/ml

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



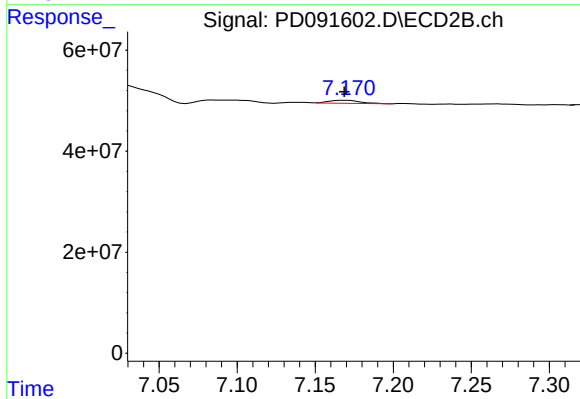
#21 Endrin ketone

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



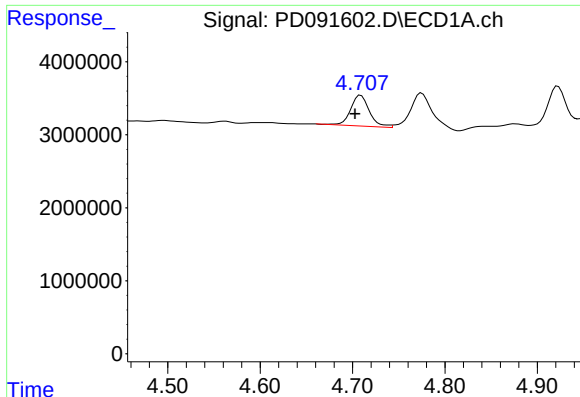
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.009 min
Response: 1238348
Conc: 0.33 ng/ml



#22 Mirex

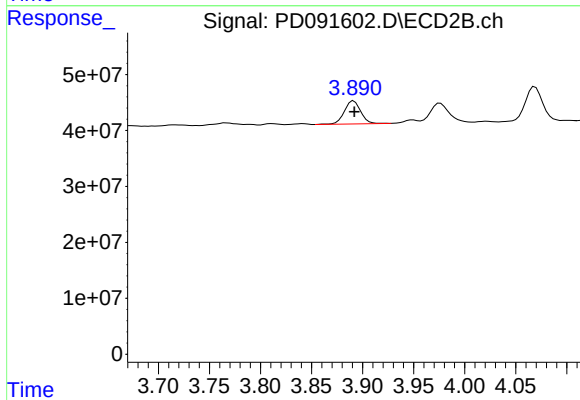
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 8179288
Conc: 0.25 ng/ml



#23 Chlordane-1

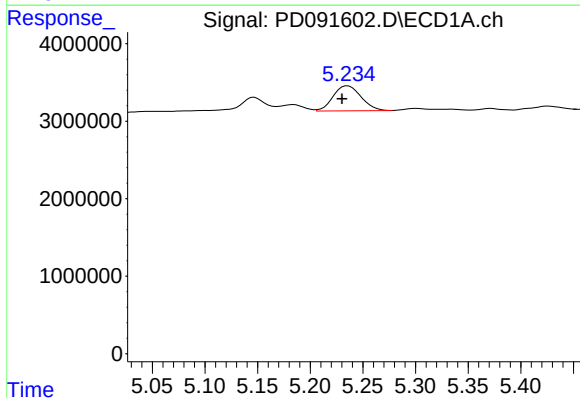
R.T.: 4.709 min
Delta R.T.: 0.006 min
Response: 5957944
Conc: 28.38 ng/ml

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



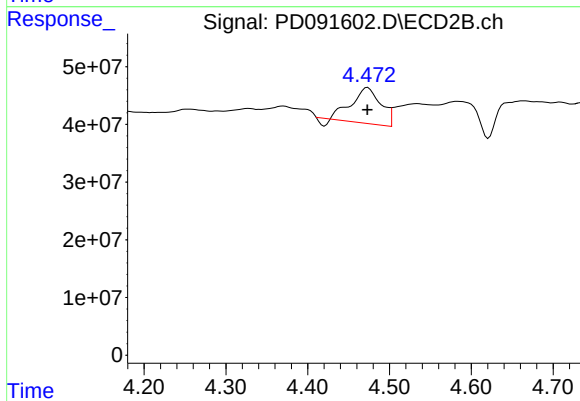
#23 Chlordane-1

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 46535082
Conc: 31.15 ng/ml



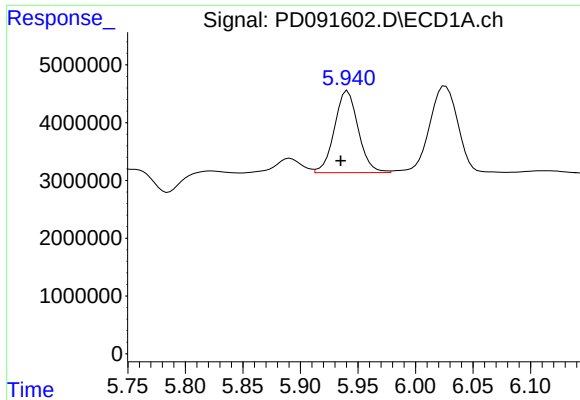
#24 Chlordane-2

R.T.: 5.236 min
Delta R.T.: 0.005 min
Response: 5957488
Conc: 29.12 ng/ml



#24 Chlordane-2

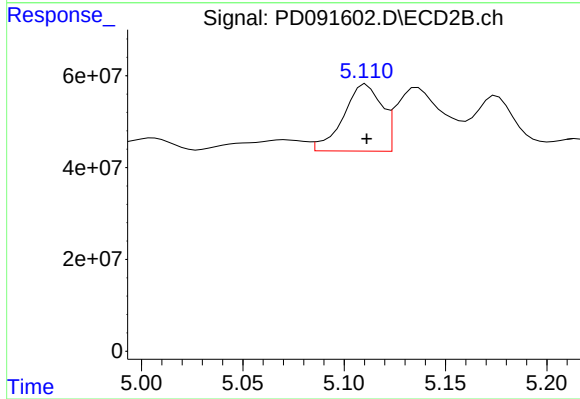
R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 151577498
Conc: 96.00 ng/ml



#25 Chlordane-3

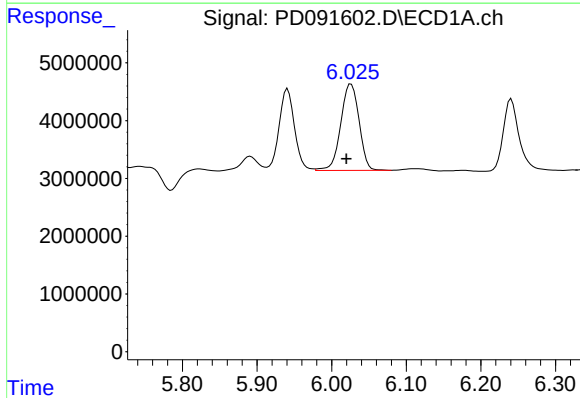
R.T.: 5.941 min
Delta R.T.: 0.006 min
Response: 20416853
Conc: 24.91 ng/ml

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



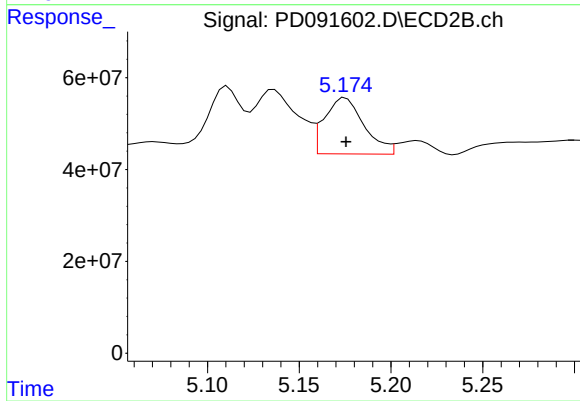
#25 Chlordane-3

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 190911619
Conc: 37.49 ng/ml



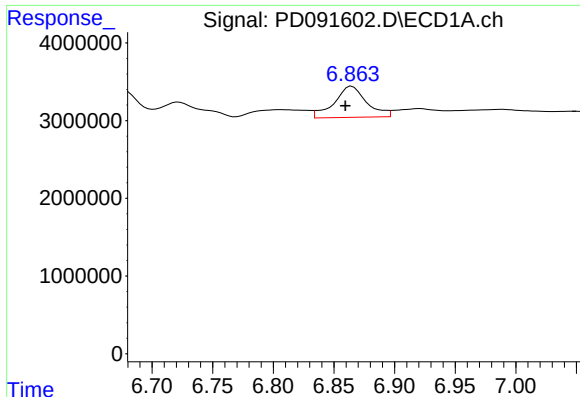
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: 0.006 min
Response: 25567270
Conc: 25.17 ng/ml



#26 Chlordane-4

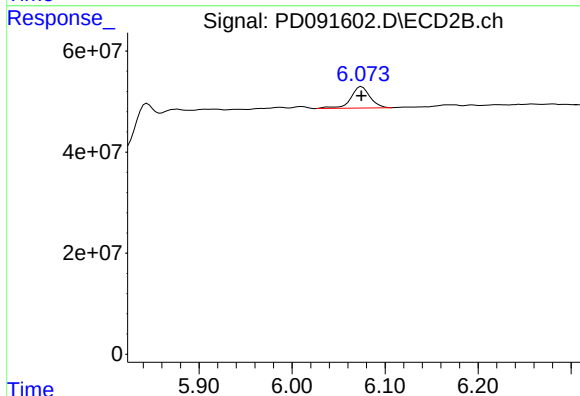
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 183115120
Conc: 42.90 ng/ml



#27 Chlordane-5

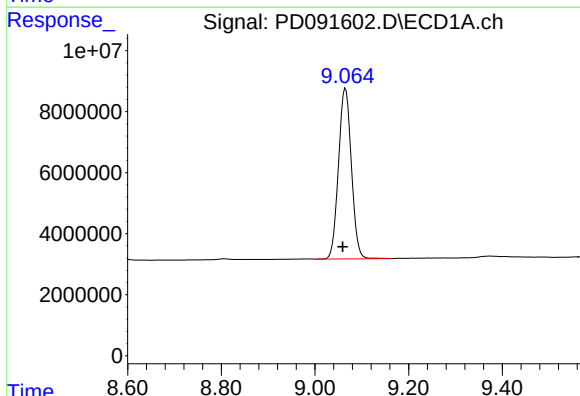
R.T.: 6.865 min
Delta R.T.: 0.005 min
Response: 7438122
Conc: 42.05 ng/ml

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



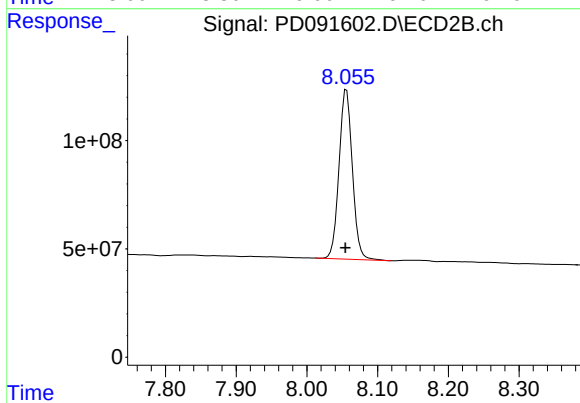
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 60873855
Conc: 32.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.006 min
Response: 106669188
Conc: 20.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: 0.001 min
Response: 1027035999
Conc: 24.80 ng/ml