

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120525\
 Data File : PD091471.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2025 15:03
 Operator : AR\AJ
 Sample : Q3530-01
 Misc : PEST LOD 1PPB
 ALS Vial : 12 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 05 15:16:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.548	2.871	69423806	871.2E6	20.131	23.783
28)	SA Decachlor...	9.070	8.058	106.5E6	841.6E6	21.370	21.266
Target Compounds							
2)	A alpha-BHC	3.997	3.382	6564248	76108706	0.821	1.204 #
3)	MA gamma-BHC...	4.328	3.719	6477377	65125536	0.867	1.126 #
4)	MA Heptachlor	4.926	4.070	8171881	63966625	1.141	1.159
5)	MB Aldrin	5.265	4.355	6896811	65488724	0.950m	1.160
6)	B beta-BHC	4.517	4.014	3004883	29587836	1.034	1.231m
7)	B delta-BHC	4.765	4.251	10138987	65534641	1.364	1.121
8)	B Heptachlo...	5.687	4.858	6402734	61519569	0.986	1.207m
9)	A Endosulfan I	6.070	5.233	5956286	55119795	0.970	1.152m
10)	B gamma-Chl...	5.943	5.111	5982402	62936927	0.920	1.152m#
11)	B alpha-Chl...	6.023	5.176	6921171	59862608	1.006	1.144m
12)	B 4,4'-DDE	6.193	5.360	5147081	62122717	0.888	1.162m#
13)	MA Dieldrin	6.343	5.499	5875137	59604595	0.909	1.097
14)	MA Endrin	6.571	5.777	4436682	54820254	0.894	1.213 #
15)	B Endosulfa...	6.783	6.068	5777600	53424405	1.039	1.144
16)	A 4,4'-DDD	6.703	5.917	4383681	56397611	0.893	1.154 #
17)	MA 4,4'-DDT	7.019	6.170	3095962	35213806	0.749	0.900
18)	B Endrin al...	6.913	6.245	4116757	36917361	0.988m	1.046m
19)	B Endosulfa...	7.148	6.470	4915223	48703861	0.955	1.086
20)	A Methoxychlor	7.491	6.742	1731501	18974792	0.796m	0.946
21)	B Endrin ke...	7.628	6.977	5720496	53096631	1.015m	1.042m
22)	Mirex	8.110	7.171	3671160	36830185	1.032	1.111

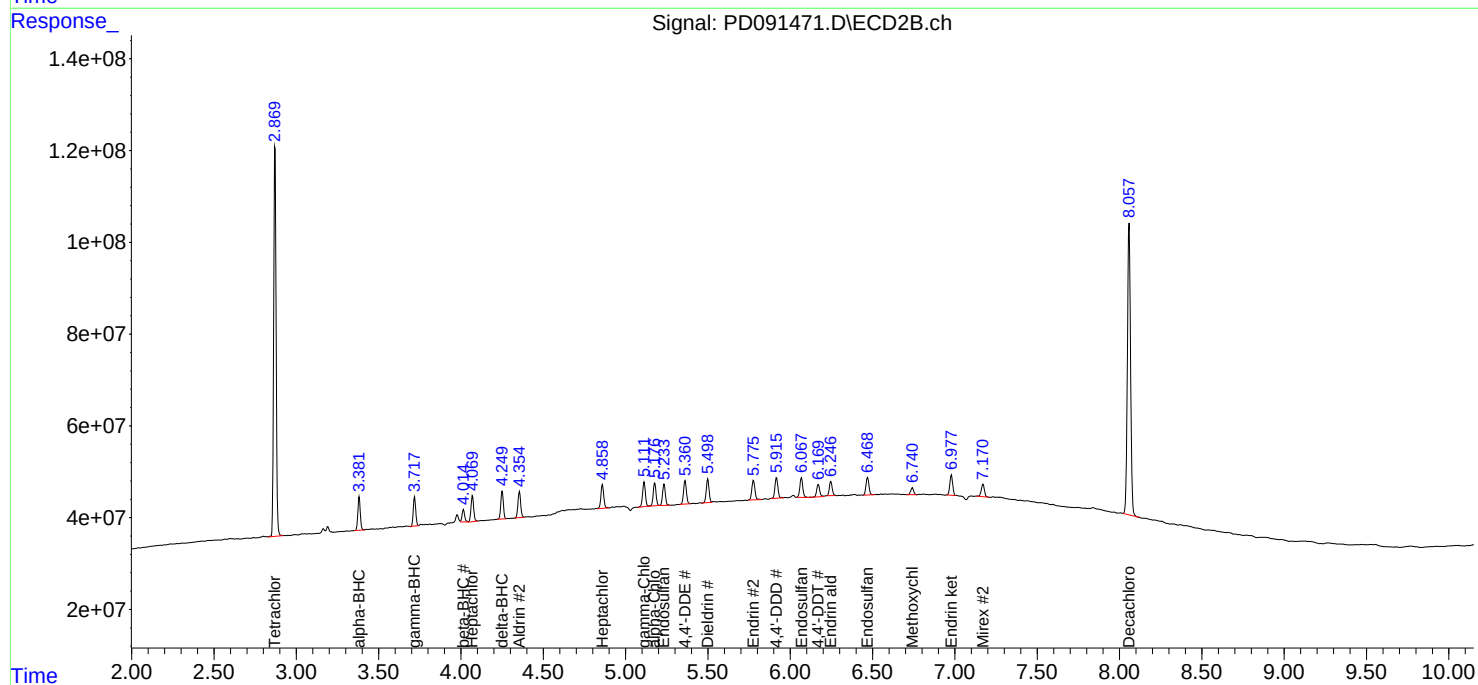
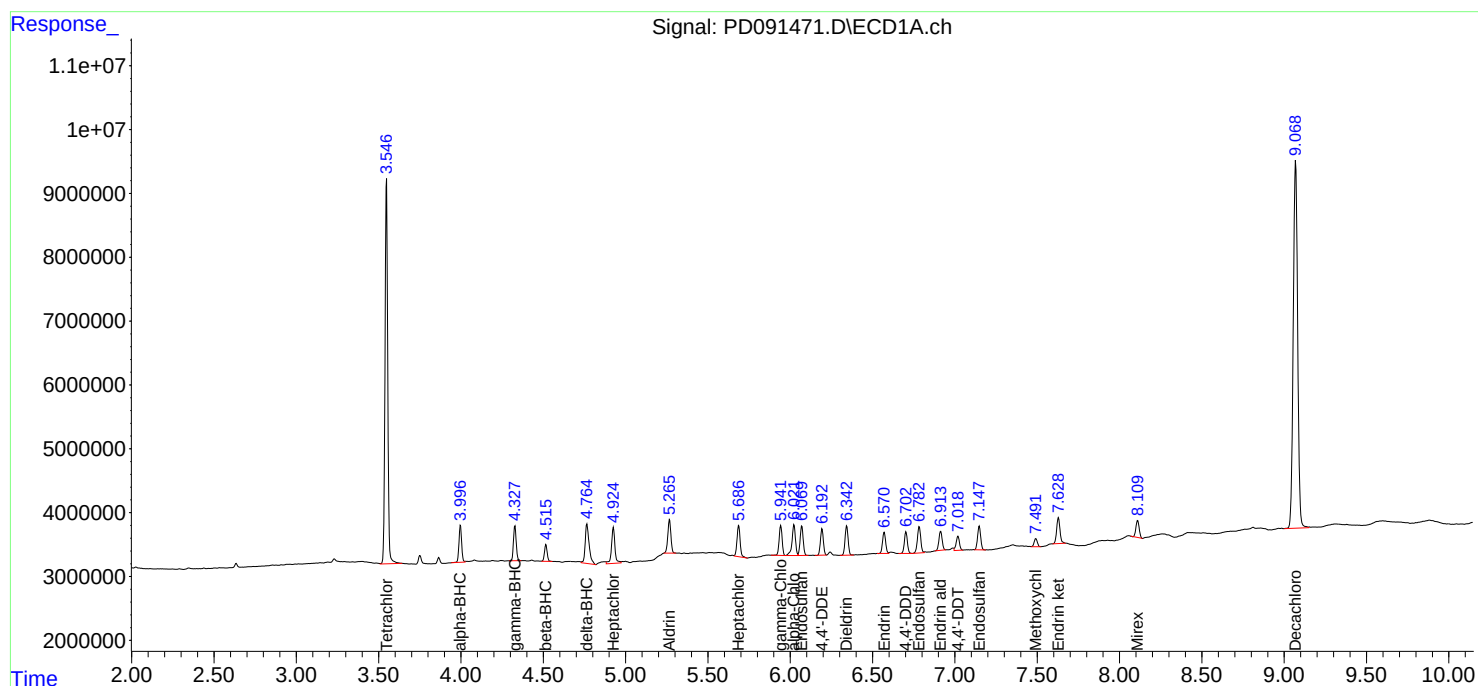
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

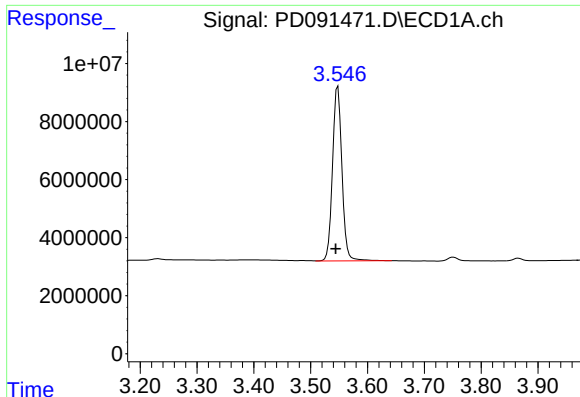
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120525\
Data File : PD091471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2025 15:03
Operator : AR\AJ
Sample : Q3530-01
Misc : PEST LOD 1PPB
ALS Vial : 12 Sample Multiplier: 1

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 05 15:16:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

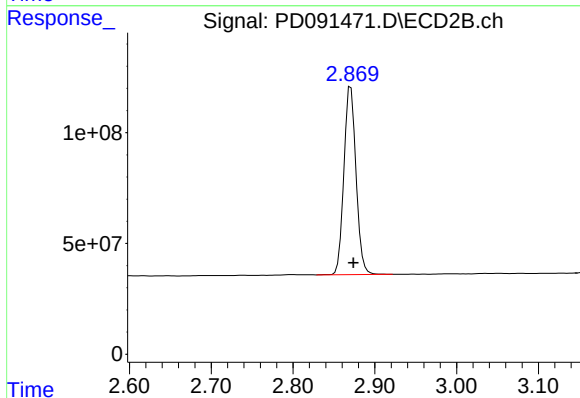




#1 Tetrachloro-m-xylene

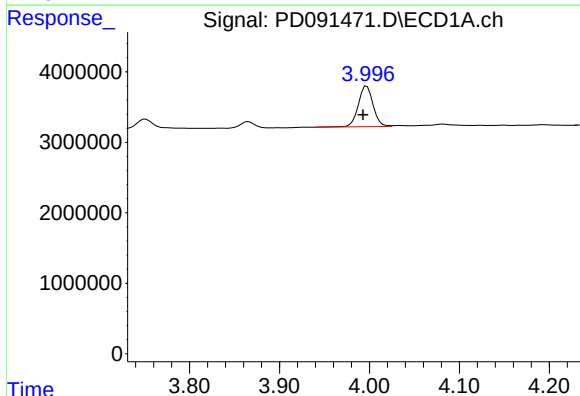
R.T.: 3.548 min
Delta R.T.: 0.004 min
Response: 69423806
Conc: 20.13 ng/ml

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



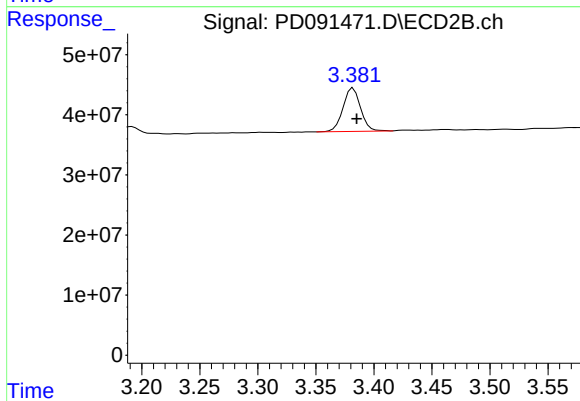
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 871177569
Conc: 23.78 ng/ml



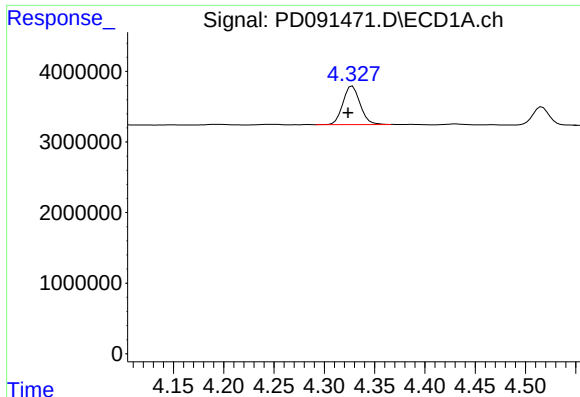
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.004 min
Response: 6564248
Conc: 0.82 ng/ml



#2 alpha-BHC

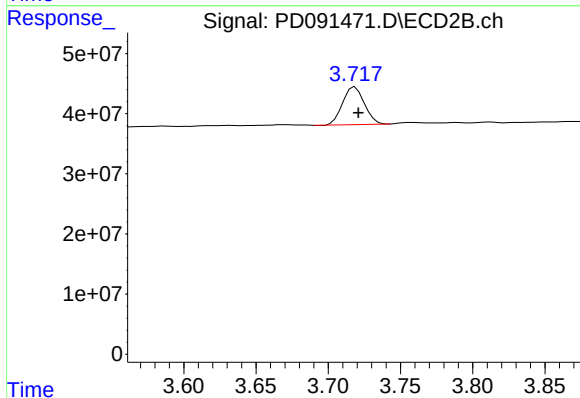
R.T.: 3.382 min
Delta R.T.: -0.003 min
Response: 76108706
Conc: 1.20 ng/ml



#3 gamma-BHC (Lindane)

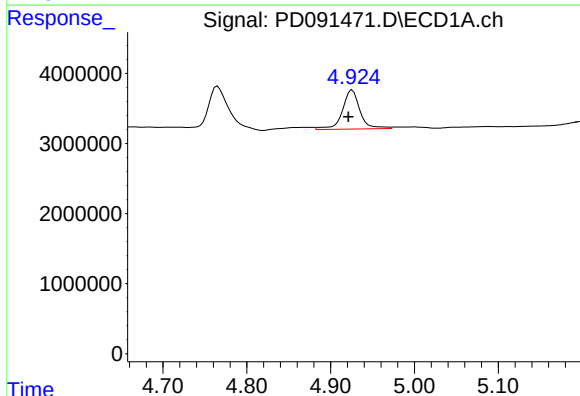
R.T.: 4.328 min
Delta R.T.: 0.004 min
Response: 6477377
Conc: 0.87 ng/ml

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



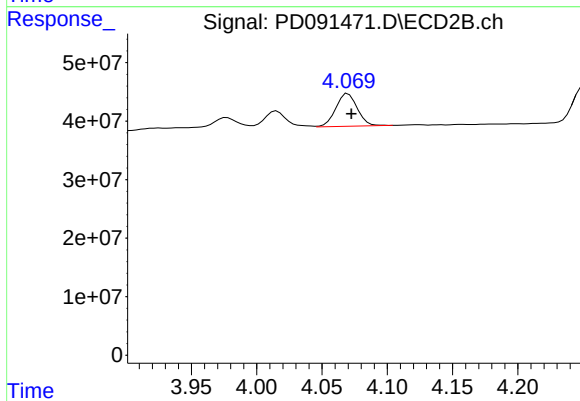
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 65125536
Conc: 1.13 ng/ml



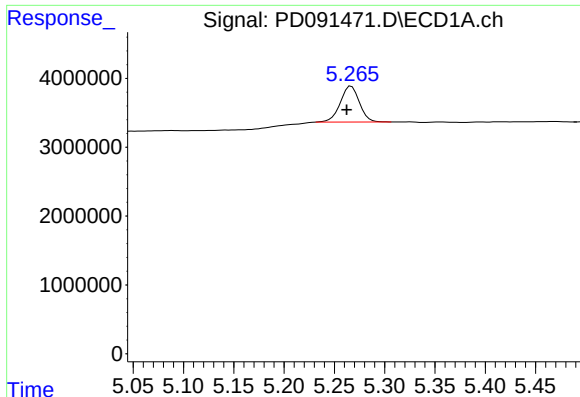
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.005 min
Response: 8171881
Conc: 1.14 ng/ml



#4 Heptachlor

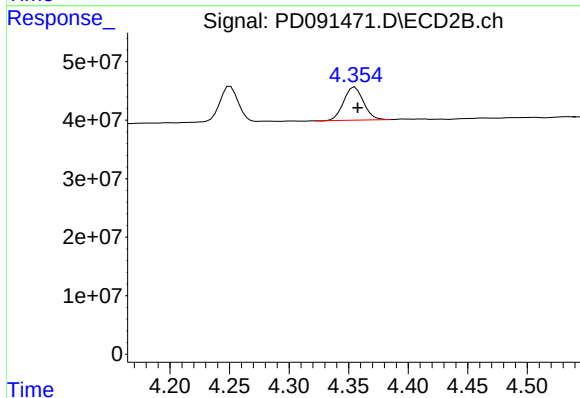
R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 63966625
Conc: 1.16 ng/ml



#5 Aldrin

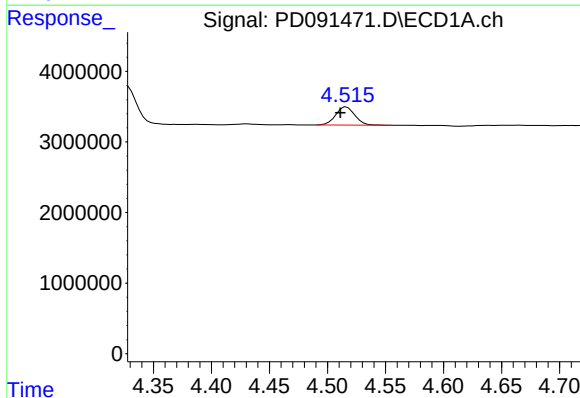
R.T.: 5.265 min
Delta R.T.: 0.003 min
Response: 6896811
Conc: 0.95 ng/ml

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



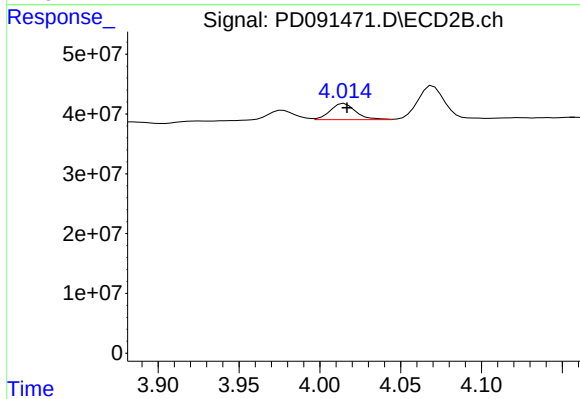
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 65488724
Conc: 1.16 ng/ml



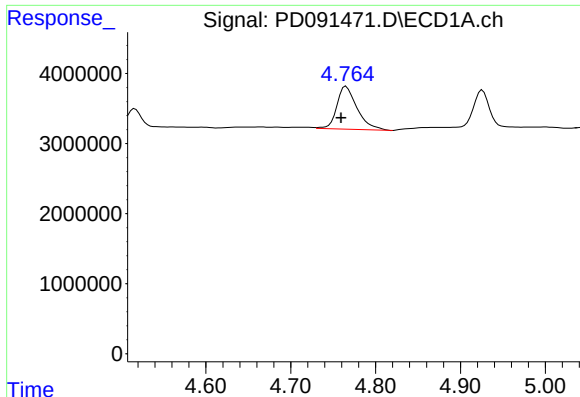
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.005 min
Response: 3004883
Conc: 1.03 ng/ml



#6 beta-BHC

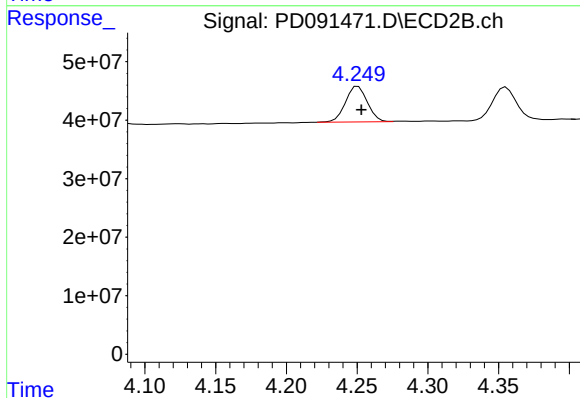
R.T.: 4.014 min
Delta R.T.: -0.003 min
Response: 29587836
Conc: 1.23 ng/ml m



#7 delta-BHC

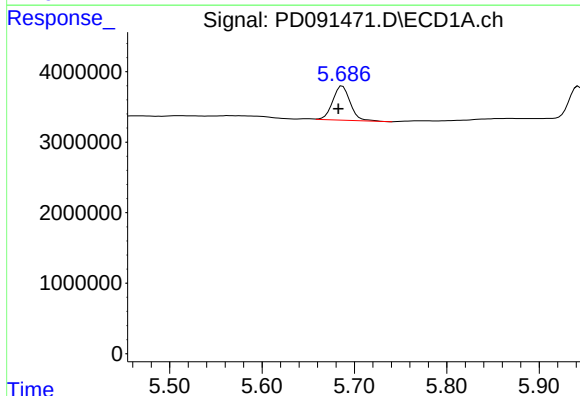
R.T.: 4.765 min
Delta R.T.: 0.006 min
Response: 10138987
Conc: 1.36 ng/ml

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



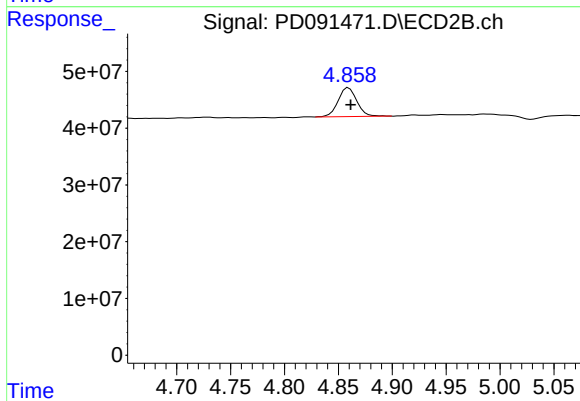
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 65534641
Conc: 1.12 ng/ml



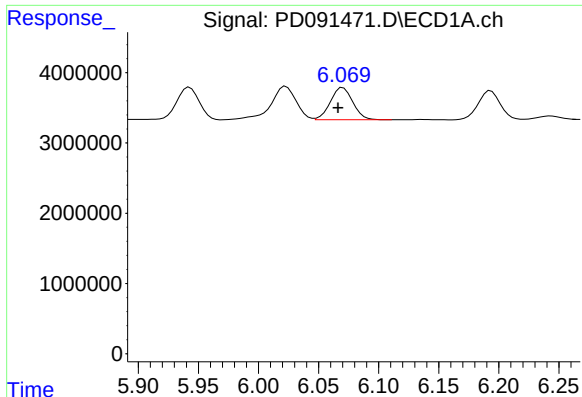
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.004 min
Response: 6402734
Conc: 0.99 ng/ml



#8 Heptachlor epoxide

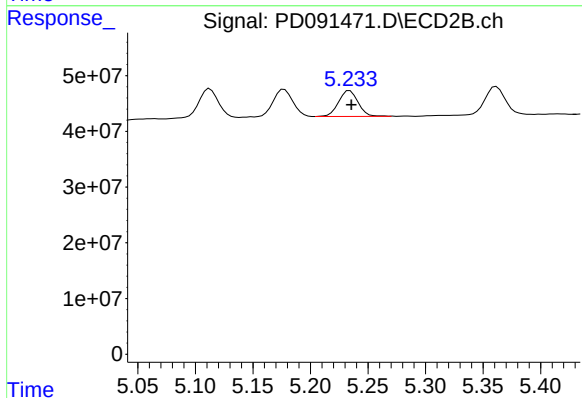
R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 61519569
Conc: 1.21 ng/ml m



#9 Endosulfan I

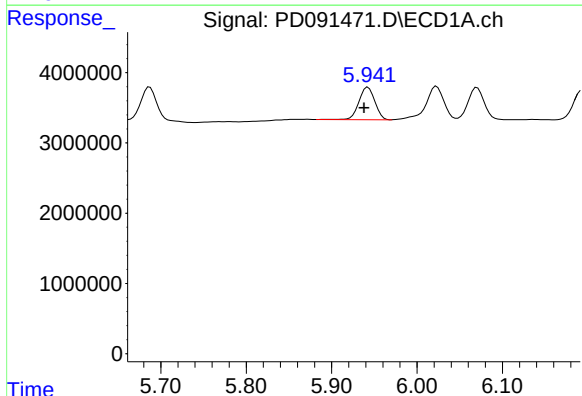
R.T.: 6.070 min
Delta R.T.: 0.004 min
Response: 5956286
Conc: 0.97 ng/ml

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



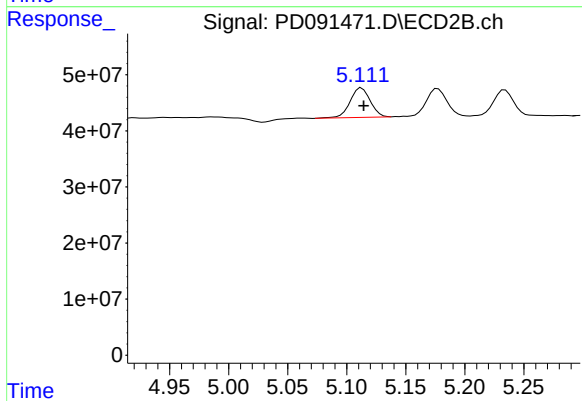
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.003 min
Response: 55119795
Conc: 1.15 ng/ml m



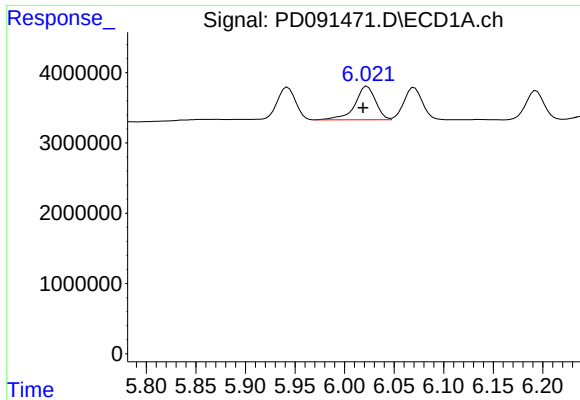
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.005 min
Response: 5982402
Conc: 0.92 ng/ml



#10 gamma-Chlordane

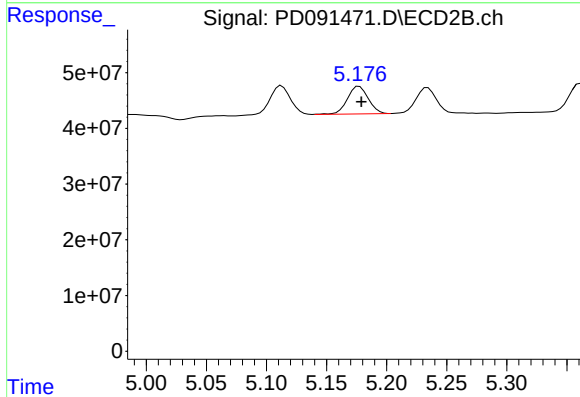
R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 62936927
Conc: 1.15 ng/ml m



#11 alpha-Chlordane

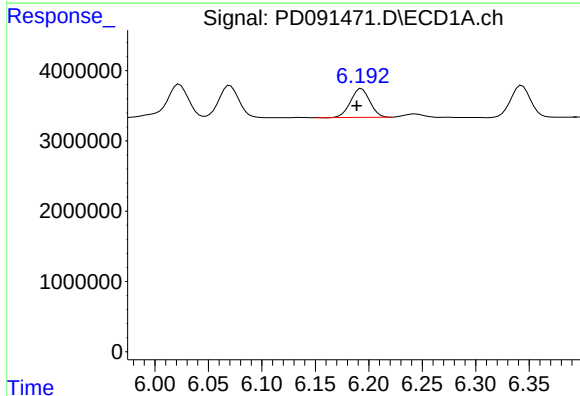
R.T.: 6.023 min
Delta R.T.: 0.004 min
Response: 6921171
Conc: 1.01 ng/ml

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



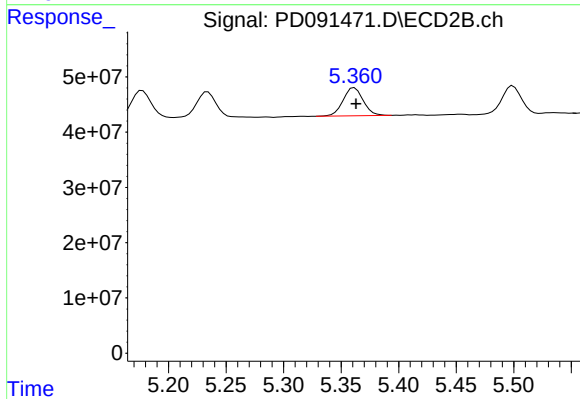
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 59862608
Conc: 1.14 ng/ml m



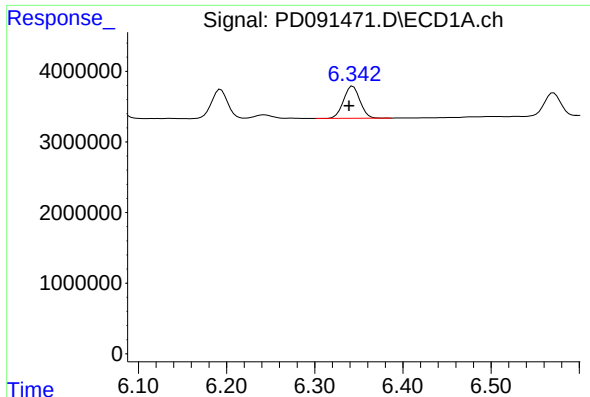
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.005 min
Response: 5147081
Conc: 0.89 ng/ml



#12 4,4'-DDE

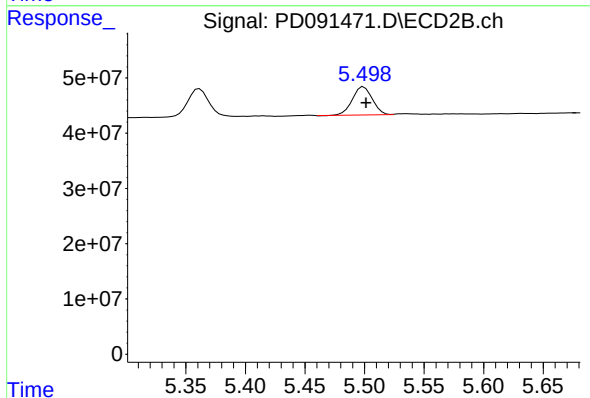
R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 62122717
Conc: 1.16 ng/ml m



#13 Dieldrin

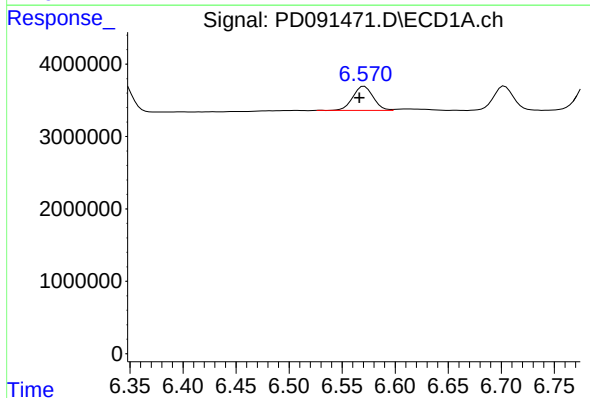
R.T.: 6.343 min
Delta R.T.: 0.004 min
Response: 5875137
Conc: 0.91 ng/ml

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



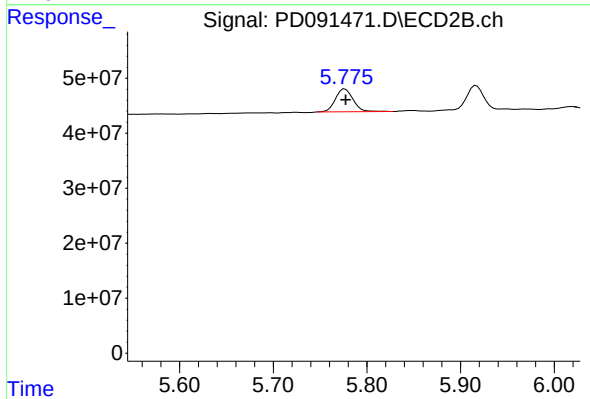
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 59604595
Conc: 1.10 ng/ml



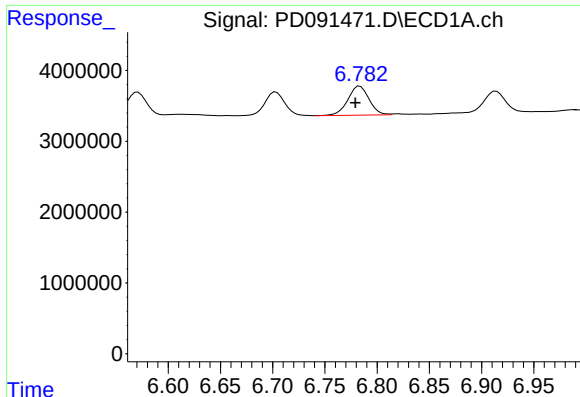
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.005 min
Response: 4436682
Conc: 0.89 ng/ml



#14 Endrin

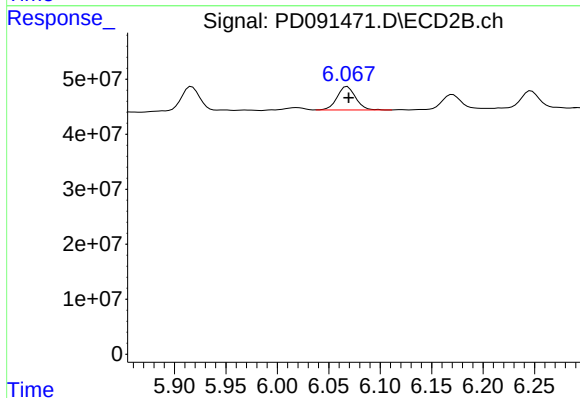
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 54820254
Conc: 1.21 ng/ml



#15 Endosulfan II

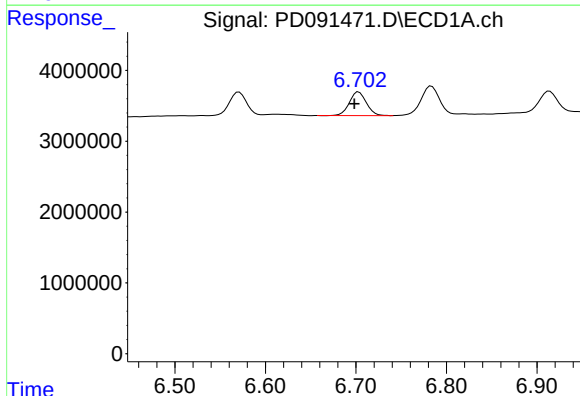
R.T.: 6.783 min
Delta R.T.: 0.004 min
Response: 5777600
Conc: 1.04 ng/ml

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



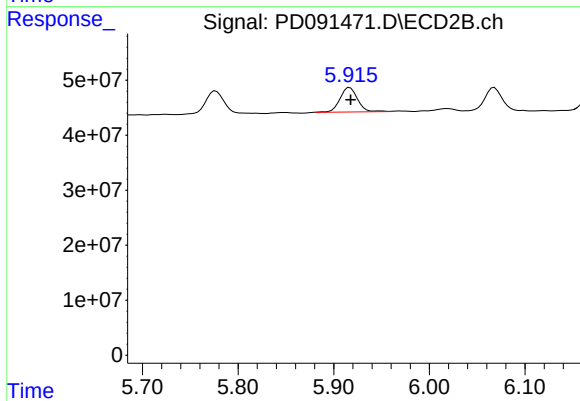
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 53424405
Conc: 1.14 ng/ml



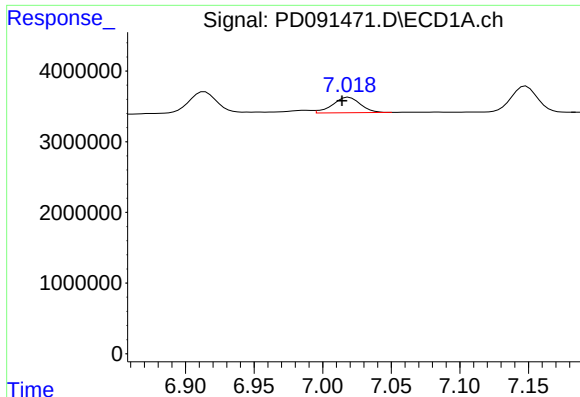
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.005 min
Response: 4383681
Conc: 0.89 ng/ml



#16 4,4'-DDD

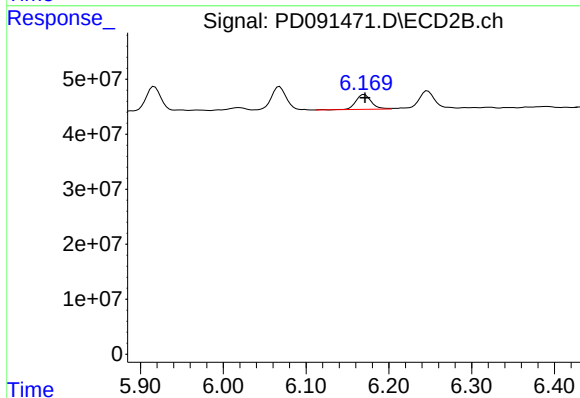
R.T.: 5.917 min
Delta R.T.: -0.001 min
Response: 56397611
Conc: 1.15 ng/ml



#17 4,4'-DDT

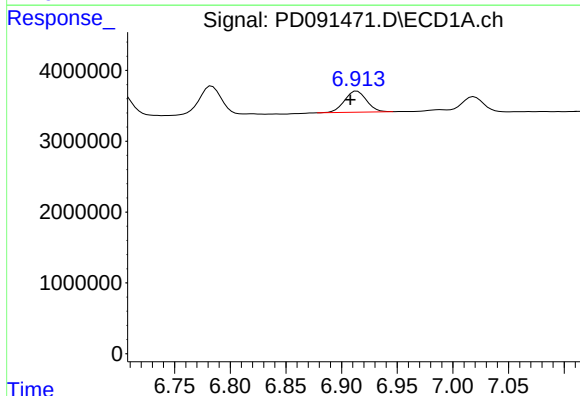
R.T.: 7.019 min
Delta R.T.: 0.005 min
Response: 3095962
Conc: 0.75 ng/ml

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



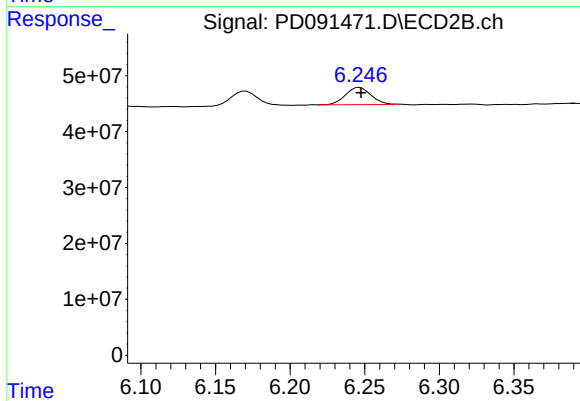
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 35213806
Conc: 0.90 ng/ml



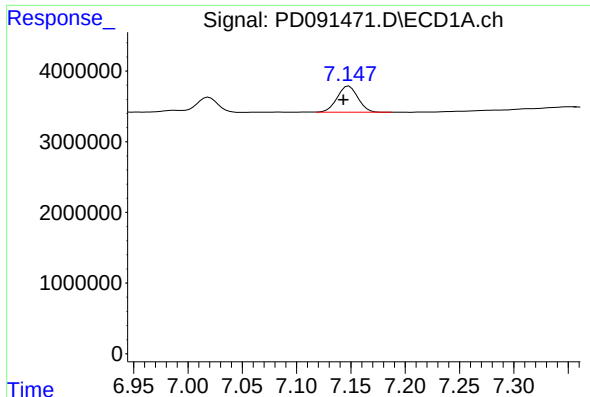
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.005 min
Response: 4116757
Conc: 0.99 ng/ml m



#18 Endrin aldehyde

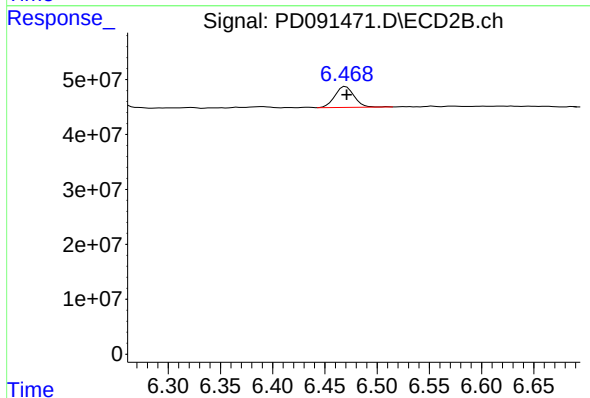
R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 36917361
Conc: 1.05 ng/ml m



#19 Endosulfan Sulfate

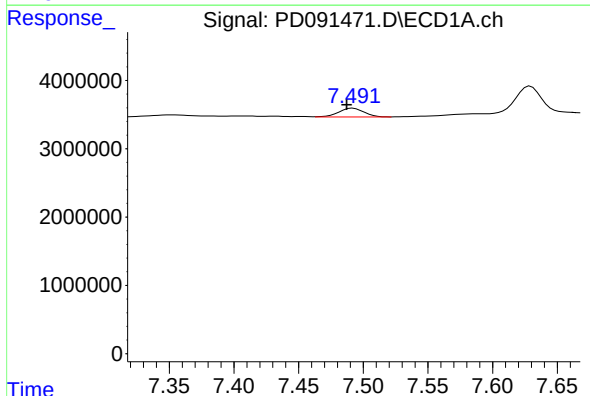
R.T.: 7.148 min
Delta R.T.: 0.005 min
Response: 4915223
Conc: 0.96 ng/ml

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



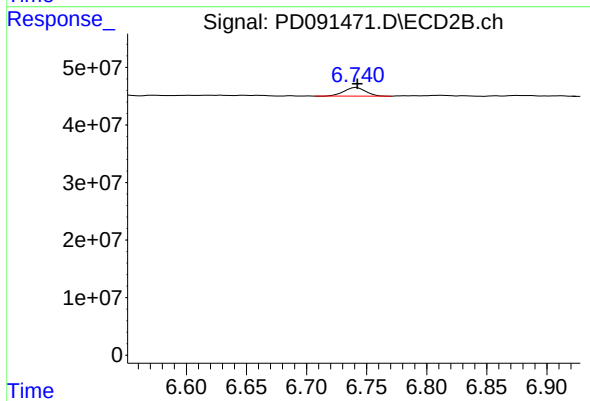
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 48703861
Conc: 1.09 ng/ml



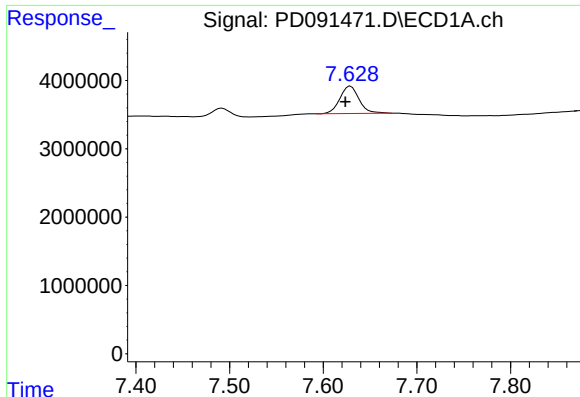
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.004 min
Response: 1731501
Conc: 0.80 ng/ml m



#20 Methoxychlor

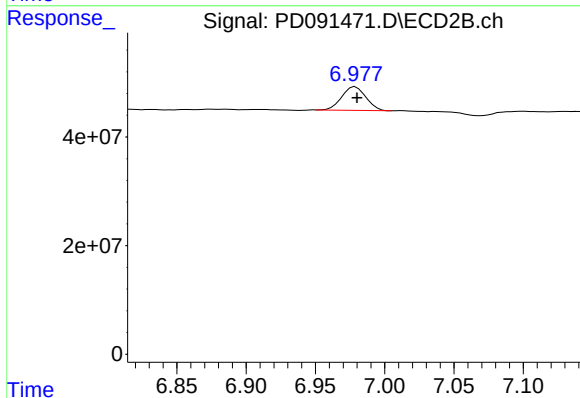
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 18974792
Conc: 0.95 ng/ml



#21 Endrin ketone

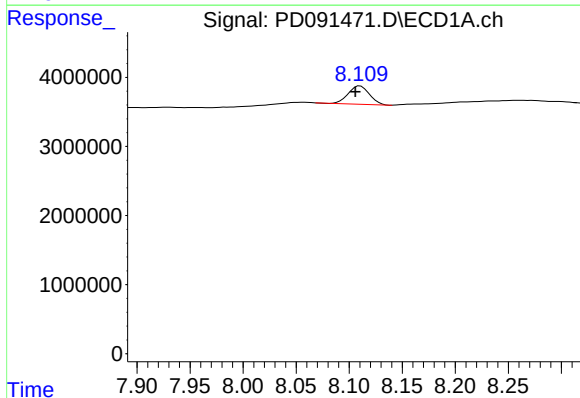
R.T.: 7.628 min
Delta R.T.: 0.004 min
Response: 5720496
Conc: 1.02 ng/ml

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



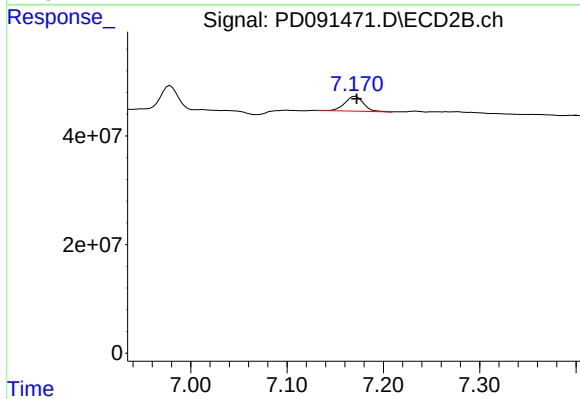
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 53096631
Conc: 1.04 ng/ml m



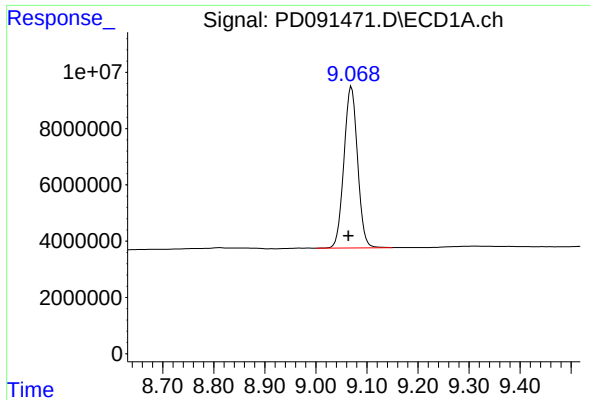
#22 Mirex

R.T.: 8.110 min
Delta R.T.: 0.005 min
Response: 3671160
Conc: 1.03 ng/ml



#22 Mirex

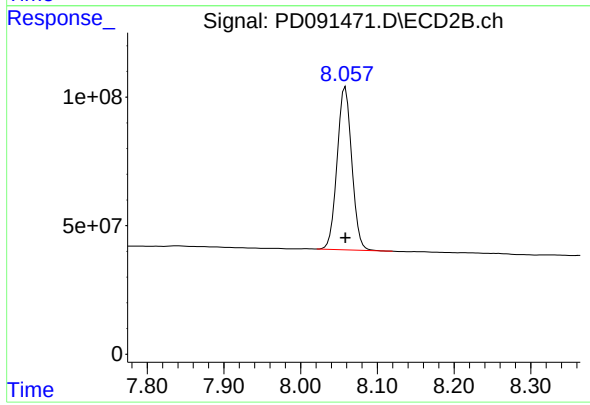
R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 36830185
Conc: 1.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.006 min
Response: 106461435
Conc: 21.37 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 841607358
Conc: 21.27 ng/ml