

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
 Data File : PL097120.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 11:42
 Operator : AR\AJ
 Sample : Q2893-01
 Misc : PEST LOD 1PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

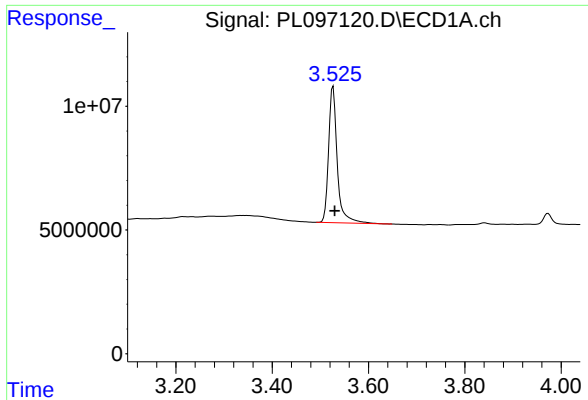
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 07:09:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.527	2.822	68832292	104.2E6	17.453	18.483
28)	SA Decachlor...	8.998	7.982	56500869	105.3E6	19.084	21.950
Target Compounds							
2)	A alpha-BHC	3.973	3.327	5315492	8079378	0.917	0.984
3)	MA gamma-BHC...	4.301	3.659	5720073	7691354	1.047	1.044
4)	MA Heptachlor	4.892	4.007	6222023	8289847	1.167	1.102
5)	MB Aldrin	5.231	4.289	6531189	7802375	1.243	1.109
7)	B delta-BHC	4.733	4.187	6364664	7192317	1.414	0.979 #
8)	B Heptachlo...	0.000	4.791	0	7125000	N.D.	1.126 #
9)	A Endosulfan I	0.000	5.162	0	6796262	N.D.	1.134 #
10)	B gamma-Chl...	5.904	0.000	4374275	0	0.950	N.D. #
11)	B alpha-Chl...	5.984	5.107	5720078	7232210	1.216	1.108
12)	B 4,4'-DDE	0.000	5.295	0	6685459	N.D.	1.086 #
13)	MA Dieldrin	0.000	5.426	0	7719487	N.D.	1.178 #
14)	MA Endrin	0.000	5.701	0	8020540	N.D.	1.358 #
15)	B Endosulfa...	6.741	5.992	10895456	7302454	2.473	1.277 #
16)	A 4,4'-DDD	0.000	5.848	0	6244536	N.D.	1.196 #
17)	MA 4,4'-DDT	0.000	6.100	0	5817153	N.D.	1.062 #
18)	B Endrin al...	0.000	6.169	0	22877597	N.D.	1.058 #
19)	B Endosulfa...	0.000	6.394	0	6743030	N.D.	1.203 #
21)	B Endrin ke...	0.000	6.897	0	11215371	N.D.	1.792 #
22)	Mirex	0.000	7.088	0	7558439	N.D.	1.556 #
24)	Chlordane-2	5.231f	0.000	6531189	0	35.851	N.D. #
25)	Chlordane-3	5.904	0.000	4374275	0	6.956	N.D. #
26)	Chlordane-4	5.984	5.107	5720078	7232210	7.033	12.968 #
27)	Chlordane-5	0.000	5.992	0	7302454	N.D.	32.409 #

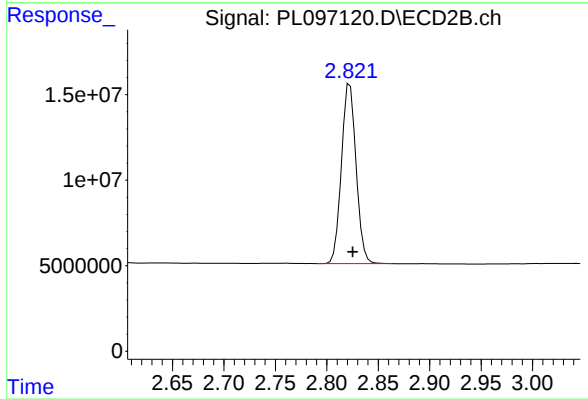
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

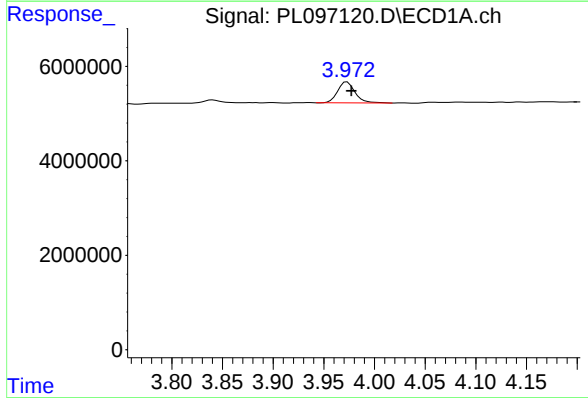
R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 68832292
Conc: 17.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



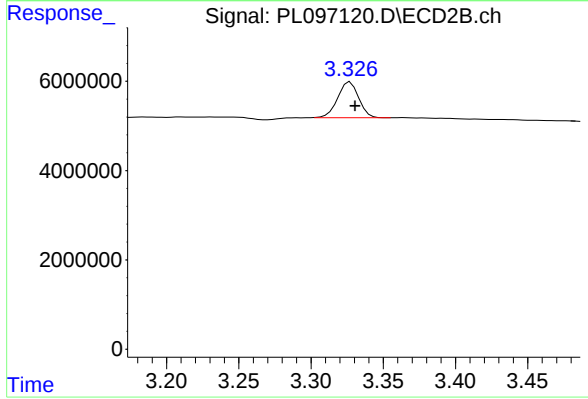
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.003 min
Response: 104181332
Conc: 18.48 ng/ml



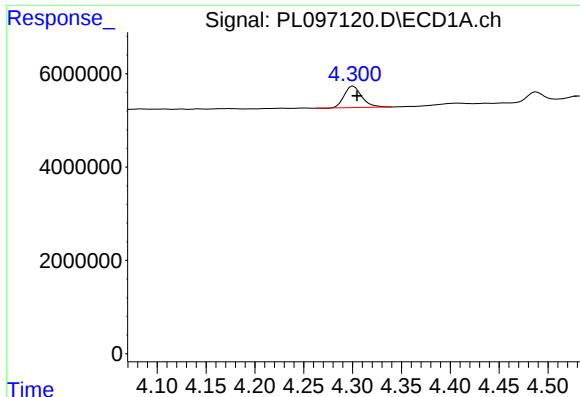
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 5315492
Conc: 0.92 ng/ml



#2 alpha-BHC

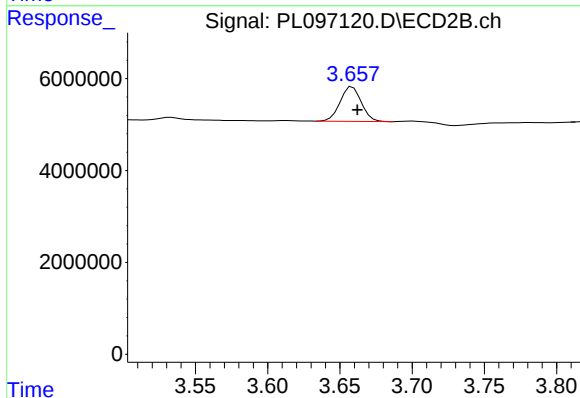
R.T.: 3.327 min
Delta R.T.: -0.003 min
Response: 8079378
Conc: 0.98 ng/ml



#3 gamma-BHC (Lindane)

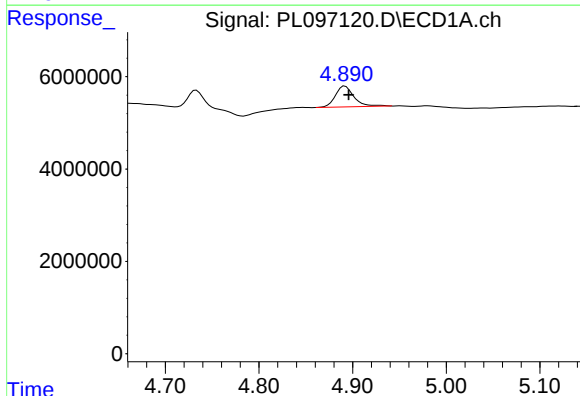
R.T.: 4.301 min
Delta R.T.: -0.004 min
Response: 5720073
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



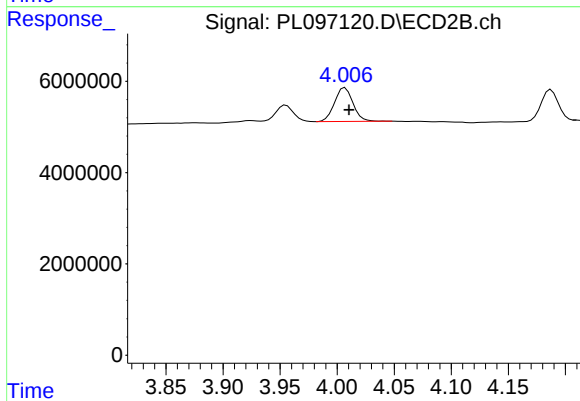
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 7691354
Conc: 1.04 ng/ml



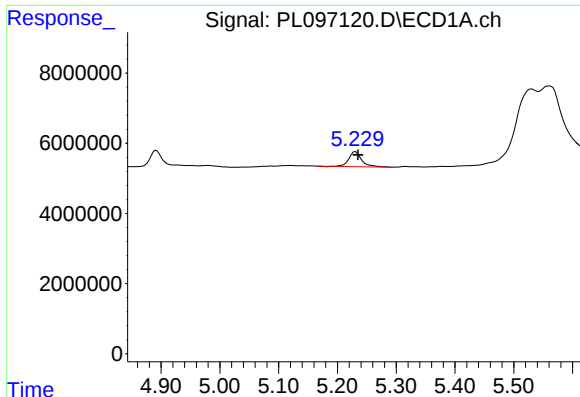
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.004 min
Response: 6222023
Conc: 1.17 ng/ml



#4 Heptachlor

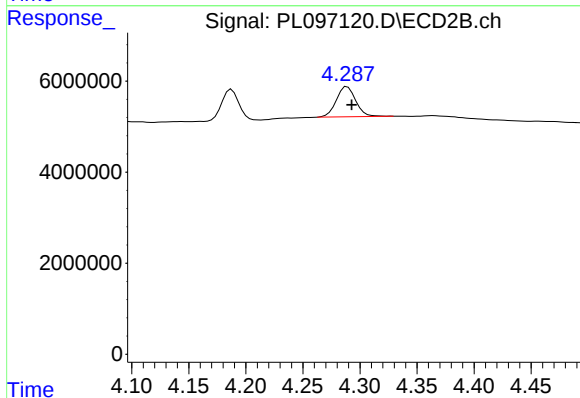
R.T.: 4.007 min
Delta R.T.: -0.004 min
Response: 8289847
Conc: 1.10 ng/ml



#5 Aldrin

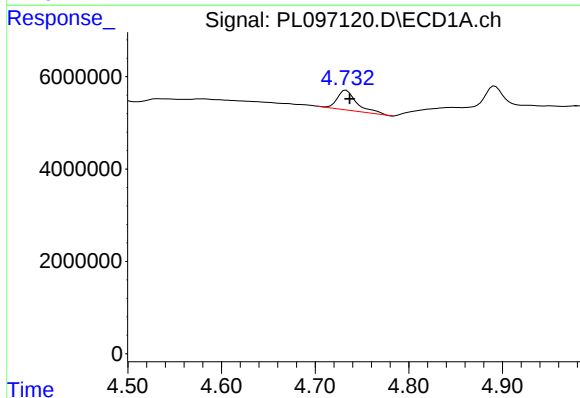
R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 6531189
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



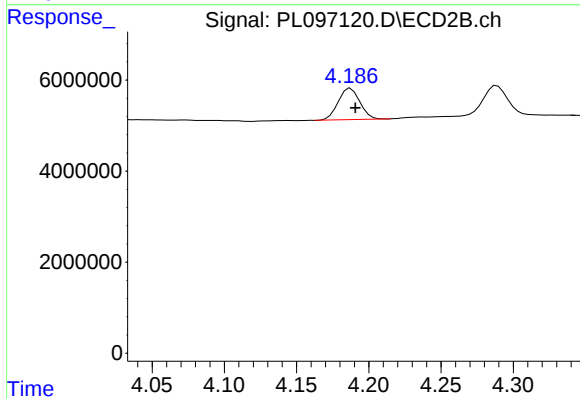
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.004 min
Response: 7802375
Conc: 1.11 ng/ml



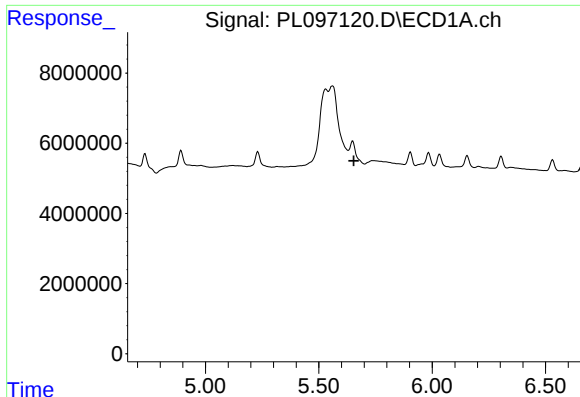
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 6364664
Conc: 1.41 ng/ml



#7 delta-BHC

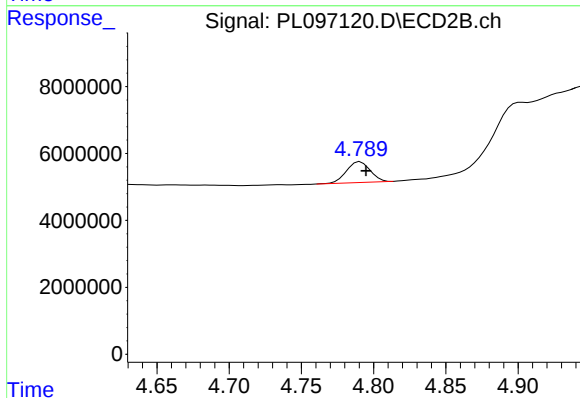
R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 7192317
Conc: 0.98 ng/ml



#8 Heptachlor epoxide

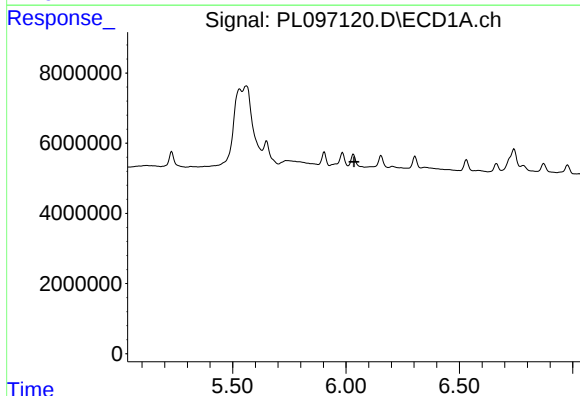
R.T.: 0.000 min
Exp R.T.: 5.654 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



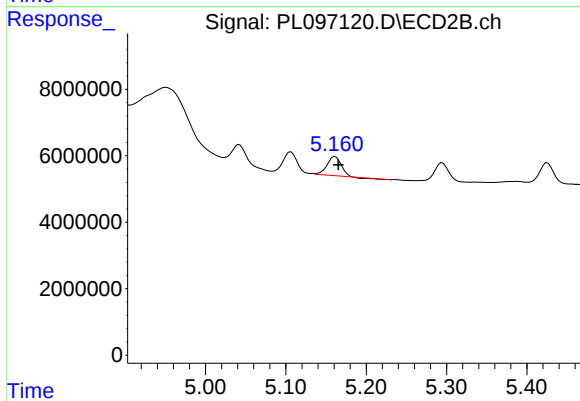
#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.004 min
Response: 7125000
Conc: 1.13 ng/ml



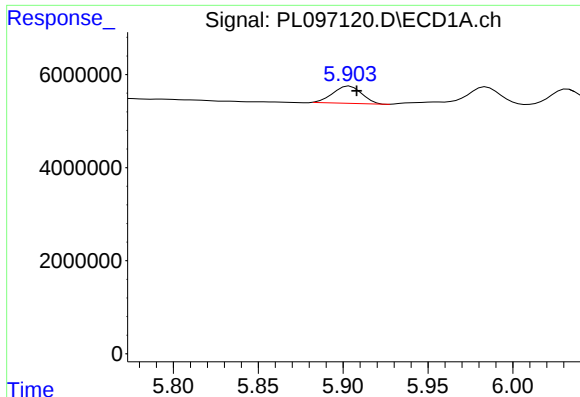
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 6.036 min
Response: 0
Conc: N.D.



#9 Endosulfan I

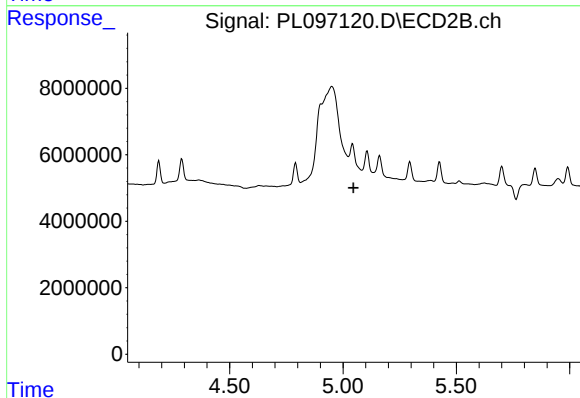
R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 6796262
Conc: 1.13 ng/ml



#10 gamma-Chlordane

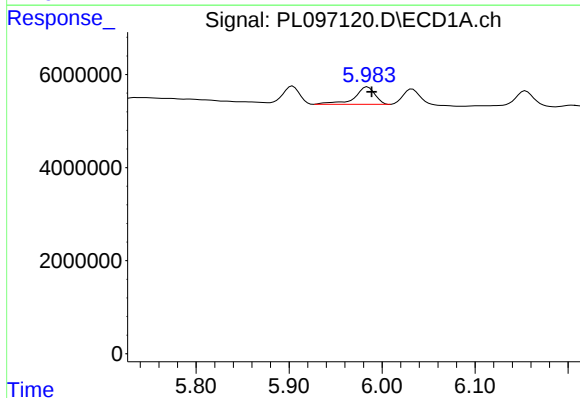
R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 4374275
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



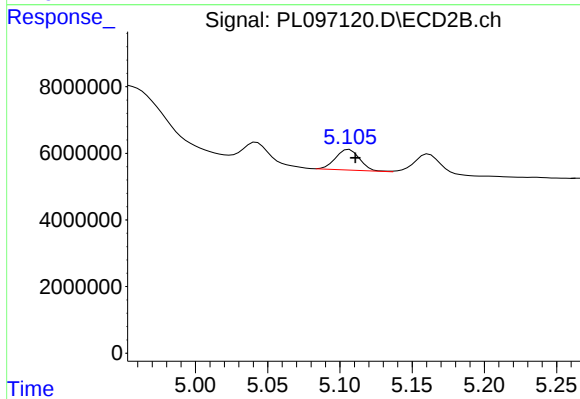
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.047 min
Response: 0
Conc: N.D.



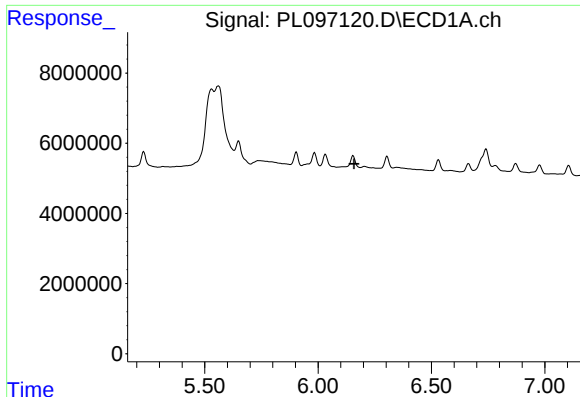
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.004 min
Response: 5720078
Conc: 1.22 ng/ml



#11 alpha-Chlordane

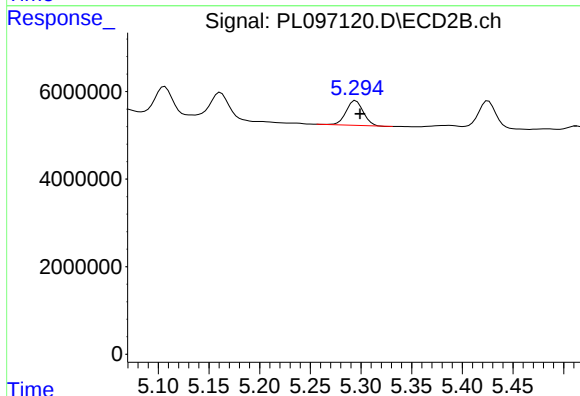
R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 7232210
Conc: 1.11 ng/ml



#12 4,4'-DDE

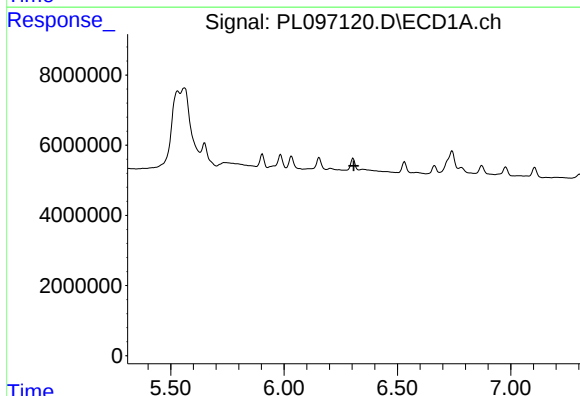
R.T.: 0.000 min
Exp R.T.: 6.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



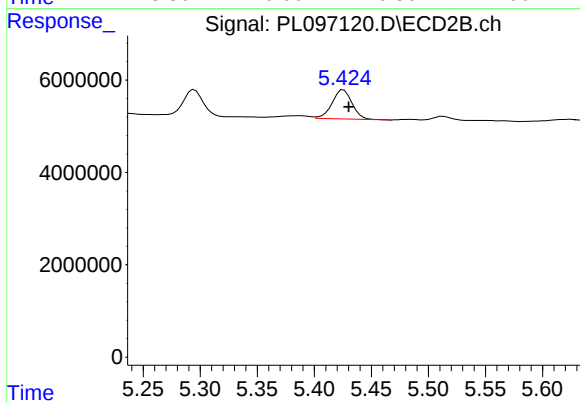
#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.004 min
Response: 6685459
Conc: 1.09 ng/ml



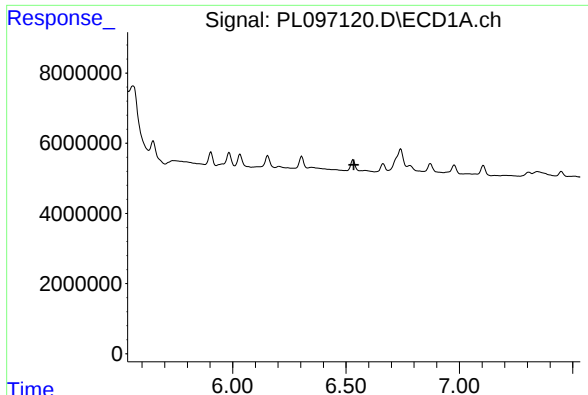
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 6.308 min
Response: 0
Conc: N.D.



#13 Dieldrin

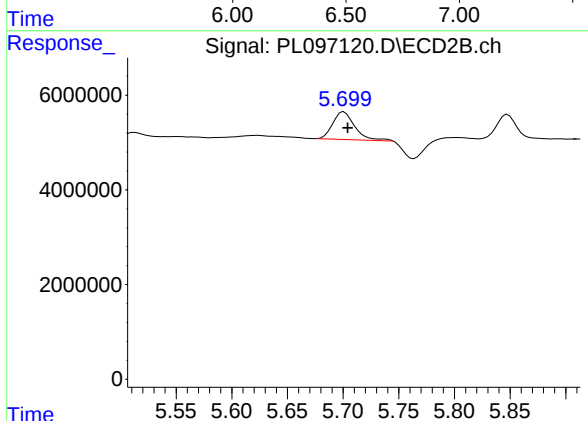
R.T.: 5.426 min
Delta R.T.: -0.005 min
Response: 7719487
Conc: 1.18 ng/ml



#14 Endrin

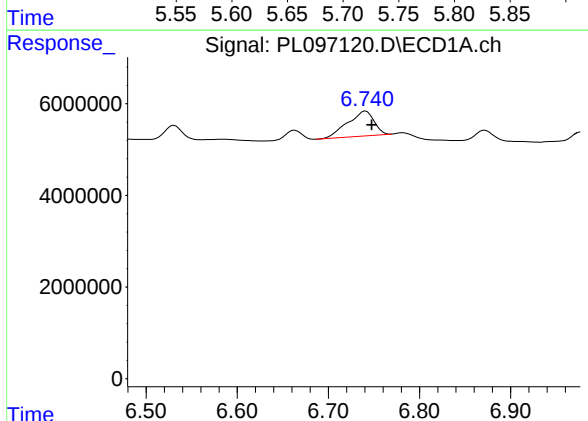
R.T.: 0.000 min
Exp R.T.: 6.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



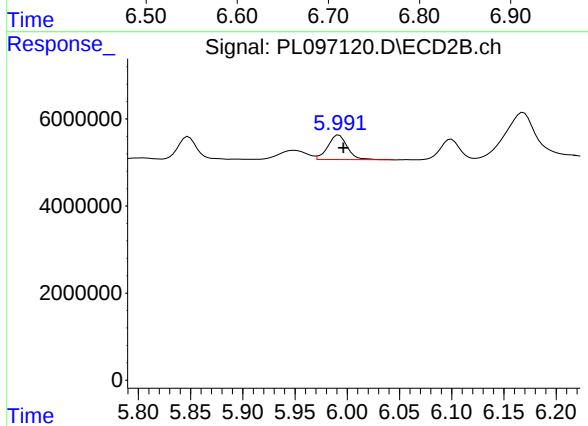
#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 8020540
Conc: 1.36 ng/ml



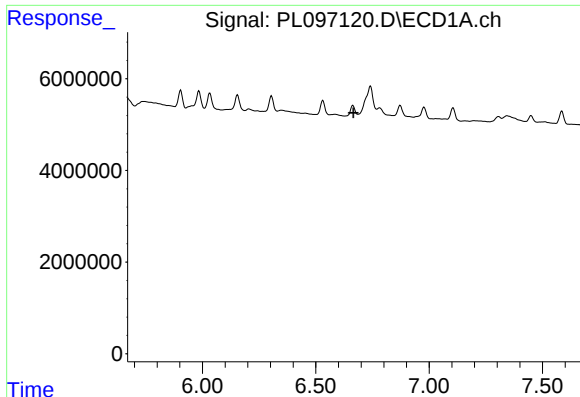
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: -0.006 min
Response: 10895456
Conc: 2.47 ng/ml



#15 Endosulfan II

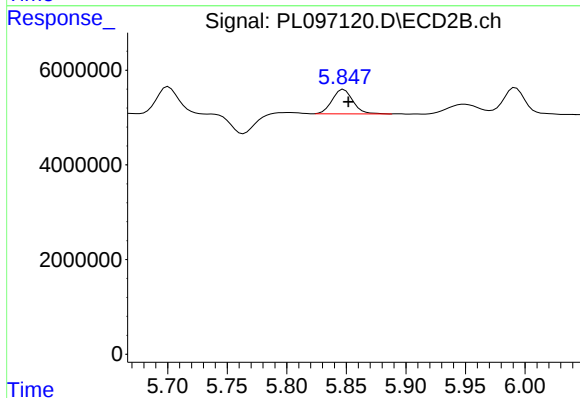
R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 7302454
Conc: 1.28 ng/ml



#16 4,4'-DDD

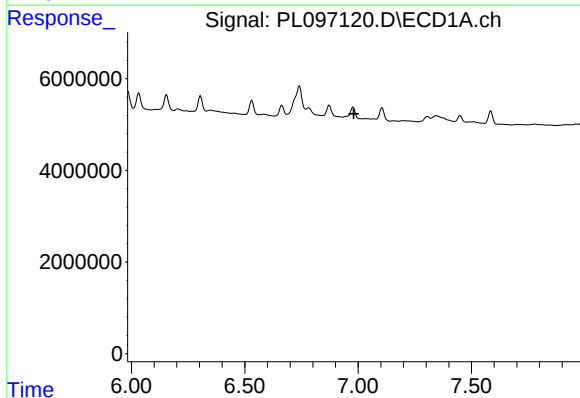
R.T.: 0.000 min
Exp R.T.: 6.667 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



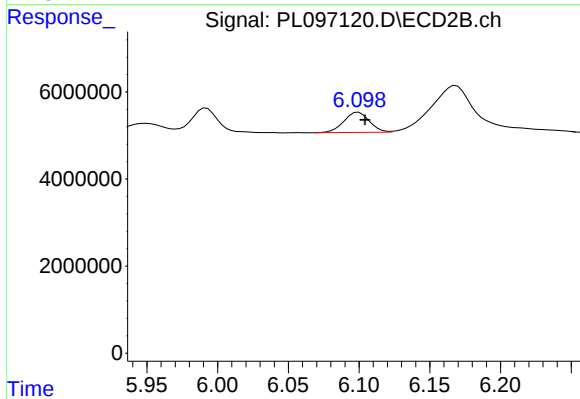
#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.004 min
Response: 6244536
Conc: 1.20 ng/ml



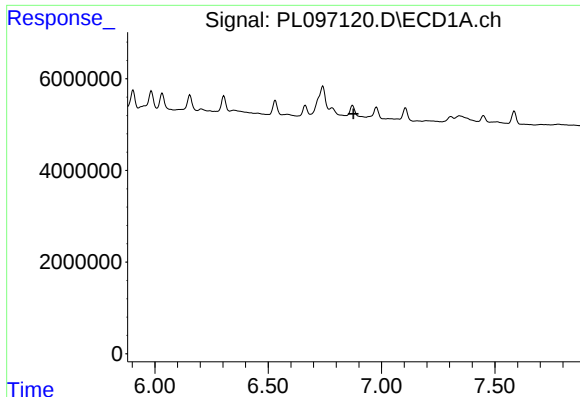
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 6.981 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

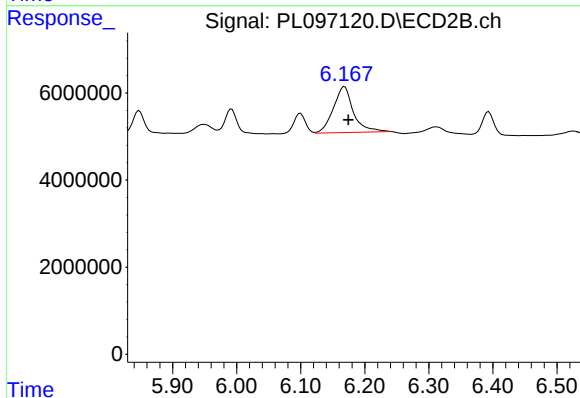
R.T.: 6.100 min
Delta R.T.: -0.005 min
Response: 5817153
Conc: 1.06 ng/ml



#18 Endrin aldehyde

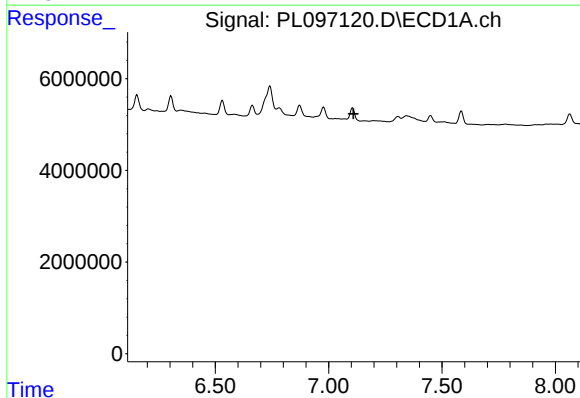
R.T.: 0.000 min
Exp R.T.: 6.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



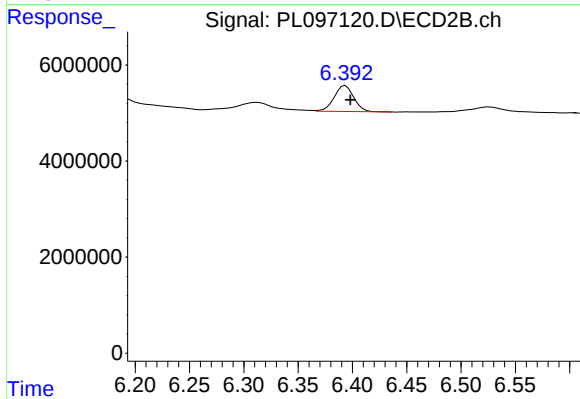
#18 Endrin aldehyde

R.T.: 6.169 min
Delta R.T.: -0.006 min
Response: 22877597
Conc: 1.06 ng/ml



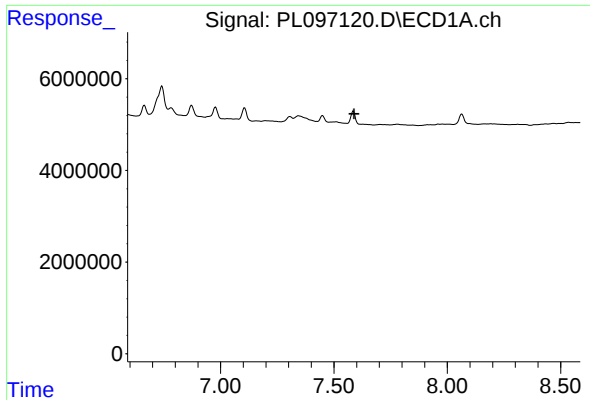
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T.: 7.110 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

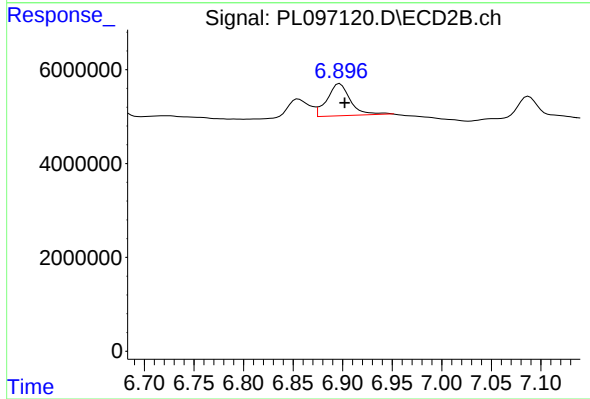
R.T.: 6.394 min
Delta R.T.: -0.005 min
Response: 6743030
Conc: 1.20 ng/ml



#21 Endrin ketone

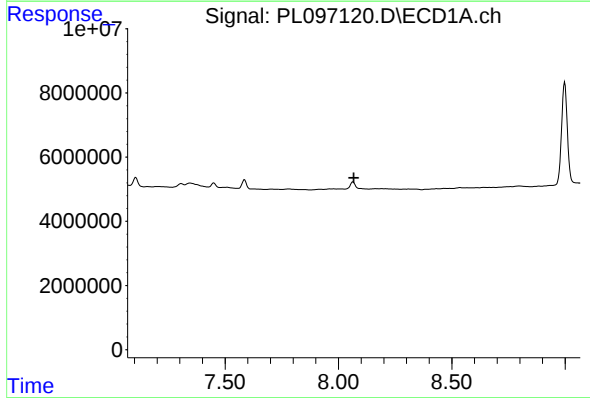
R.T.: 0.000 min
Exp R.T.: 7.589 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



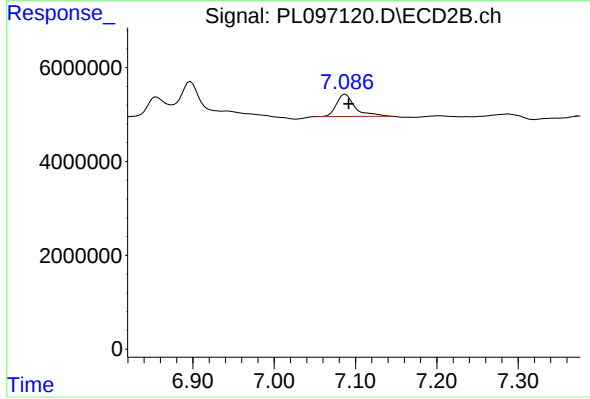
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.005 min
Response: 11215371
Conc: 1.79 ng/ml



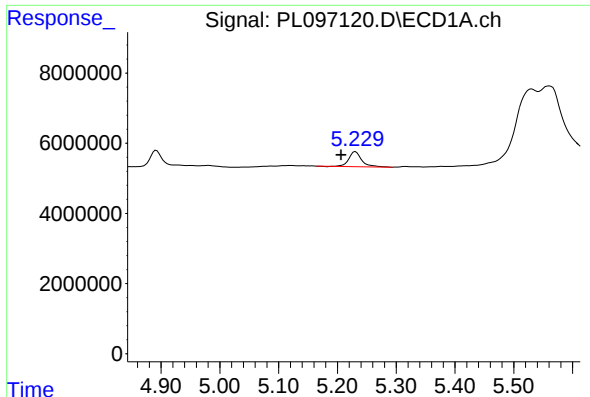
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.068 min
Response: 0
Conc: N.D.



#22 Mirex

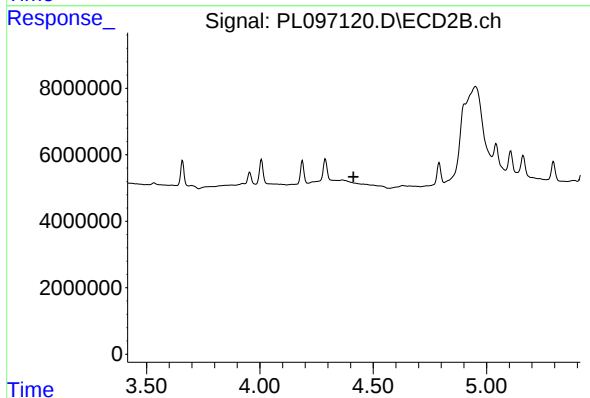
R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 7558439
Conc: 1.56 ng/ml



#24 Chlordane-2

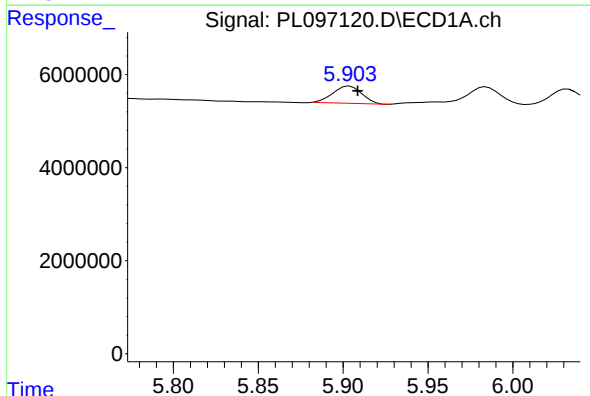
R.T.: 5.231 min
Delta R.T.: 0.024 min
Response: 6531189
Conc: 35.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



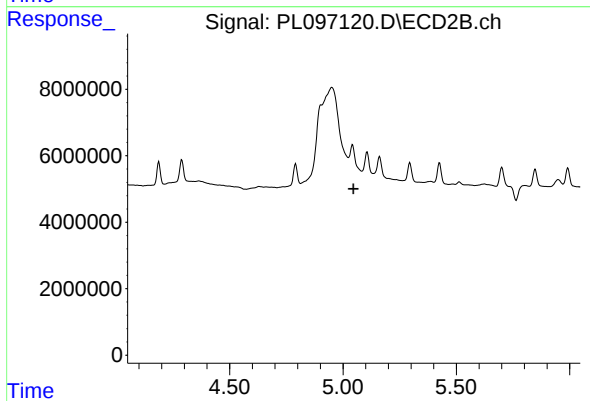
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.413 min
Response: 0
Conc: N.D.



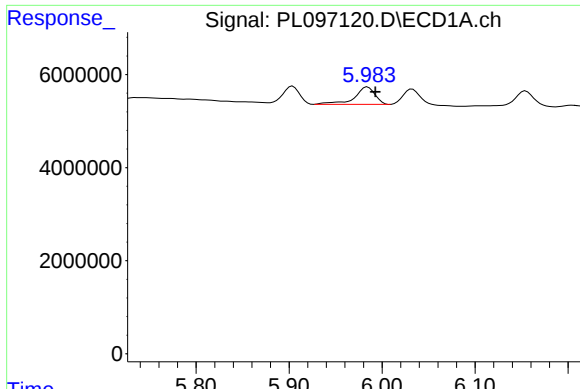
#25 Chlordane-3

R.T.: 5.904 min
Delta R.T.: -0.005 min
Response: 4374275
Conc: 6.96 ng/ml



#25 Chlordane-3

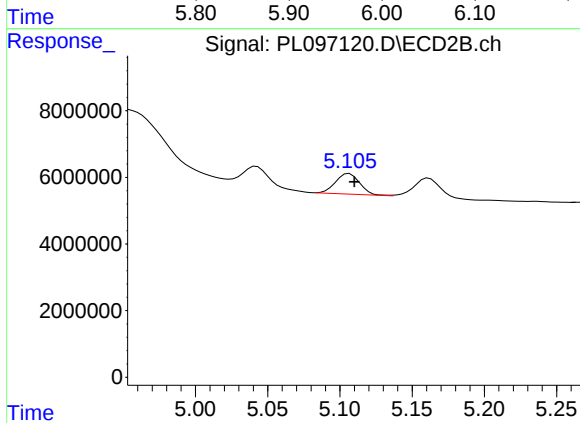
R.T.: 0.000 min
Exp R.T. : 5.046 min
Response: 0
Conc: N.D.



#26 Chlordane-4

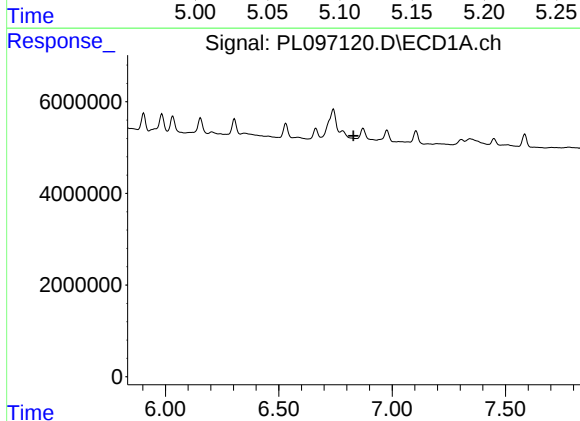
R.T.: 5.984 min
Delta R.T.: -0.008 min
Response: 5720078
Conc: 7.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



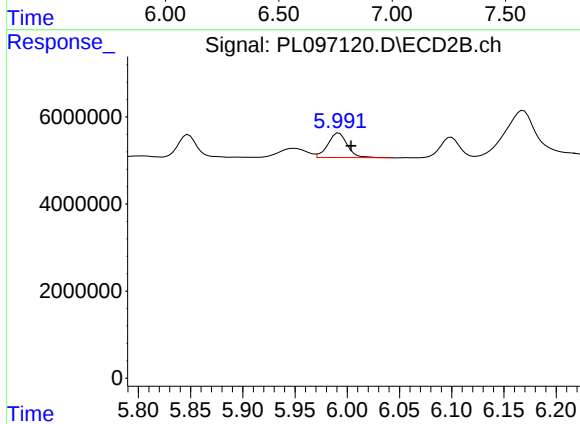
#26 Chlordane-4

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 7232210
Conc: 12.97 ng/ml



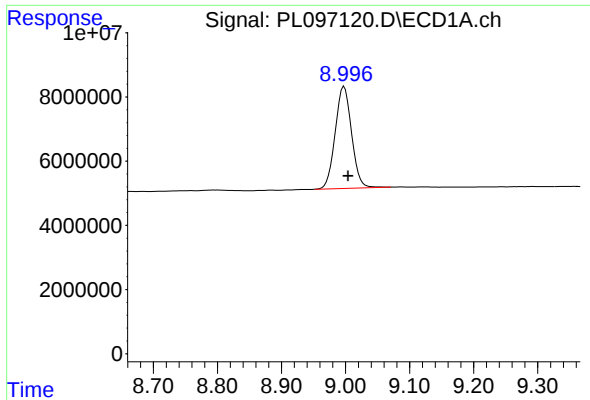
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.830 min
Response: 0
Conc: N.D.



#27 Chlordane-5

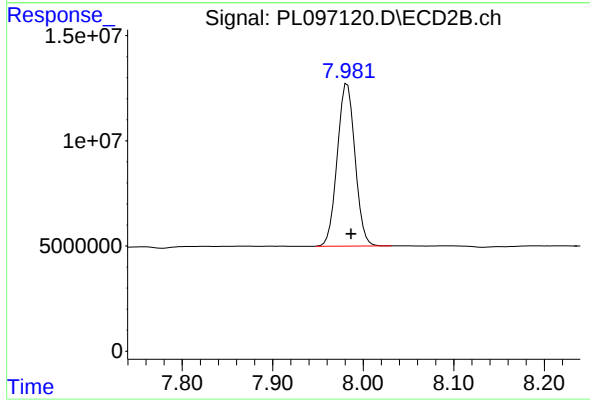
R.T.: 5.992 min
Delta R.T.: -0.011 min
Response: 7302454
Conc: 32.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: -0.006 min
Response: 56500869
Conc: 19.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.004 min
Response: 105265622
Conc: 21.95 ng/ml