

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072021\
 Data File : PL068270.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2021 12:21
 Operator : AR\AJ
 Sample : M2940-01
 Misc : LOD 1 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 05:45:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.646	5.573	7778766	18577817	18.125	18.206
28)	SA Decachlor...	10.428	11.499	10542057	17401967	18.744	19.509
Target Compounds							
2)	A alpha-BHC	5.354	6.153	732247	996780	1.251	0.733 #
3)	MA gamma-BHC...	5.777	6.549	530573	914127	0.933	0.709
4)	MA Heptachlor	6.190	7.199	498078	889165	0.817	0.682
5)	MB Aldrin	6.516	7.570	465786	911773	0.829	0.768
6)	B beta-BHC	0.000	6.804	0	871257	N.D.	1.233 #
7)	B delta-BHC	6.418	7.069	378508	691180	0.677	0.564
8)	B Heptachlo...	7.093	8.036	524409	917960	0.944	0.812
9)	A Endosulfan I	7.497	8.443	490563	865631	0.929	0.841
10)	B gamma-Chl...	7.371	8.306	558954	998674	0.974	0.887
11)	B alpha-Chl...	7.441	8.387	573726	933585	0.999	0.830
12)	B 4,4'-DDE	7.655	8.574	399284	754959	0.792	0.733
13)	MA Dieldrin	7.783	8.731	476067	854399	0.884	0.806
14)	MA Endrin	8.075	8.972	335643	695342	0.671	0.778
15)	B Endosulfa...	8.386	9.205	487402	1015155	0.987	1.120
16)	A 4,4'-DDD	8.240	9.113	386127	577677	0.864	0.678
17)	MA 4,4'-DDT	8.503	9.431	472275	598221	0.942	0.634 #
18)	B Endrin al...	8.574	9.339	462170	712523	1.167	0.989
19)	B Endosulfa...	8.805	9.577	602057	794928	1.146	0.883
20)	A Methoxychlor	0.000	9.915	0	367279	N.D.	0.723 #
21)	B Endrin ke...	9.324	10.075	530107	823705	0.895	0.826
22)	Mirex	9.515	10.543	514544	807734	1.042	1.044
24)	Chlordane-2	0.000	7.570f	0	911773	N.D.	21.915 #
25)	Chlordane-3	7.371	8.306	558954	998674	10.379	6.448 #
26)	Chlordane-4	7.441	8.387	573726	933585	10.162	4.980 #
27)	Chlordane-5	8.386	0.000	487402	0	24.217	N.D. #

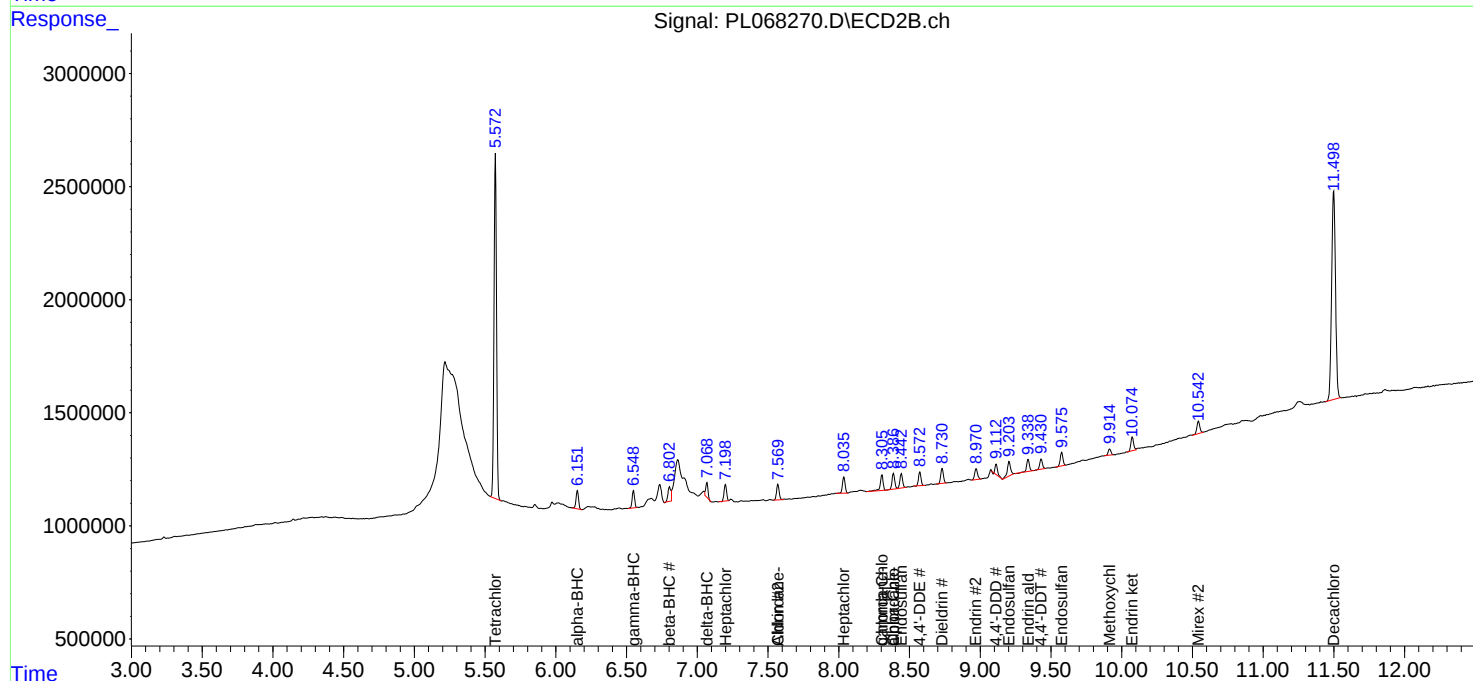
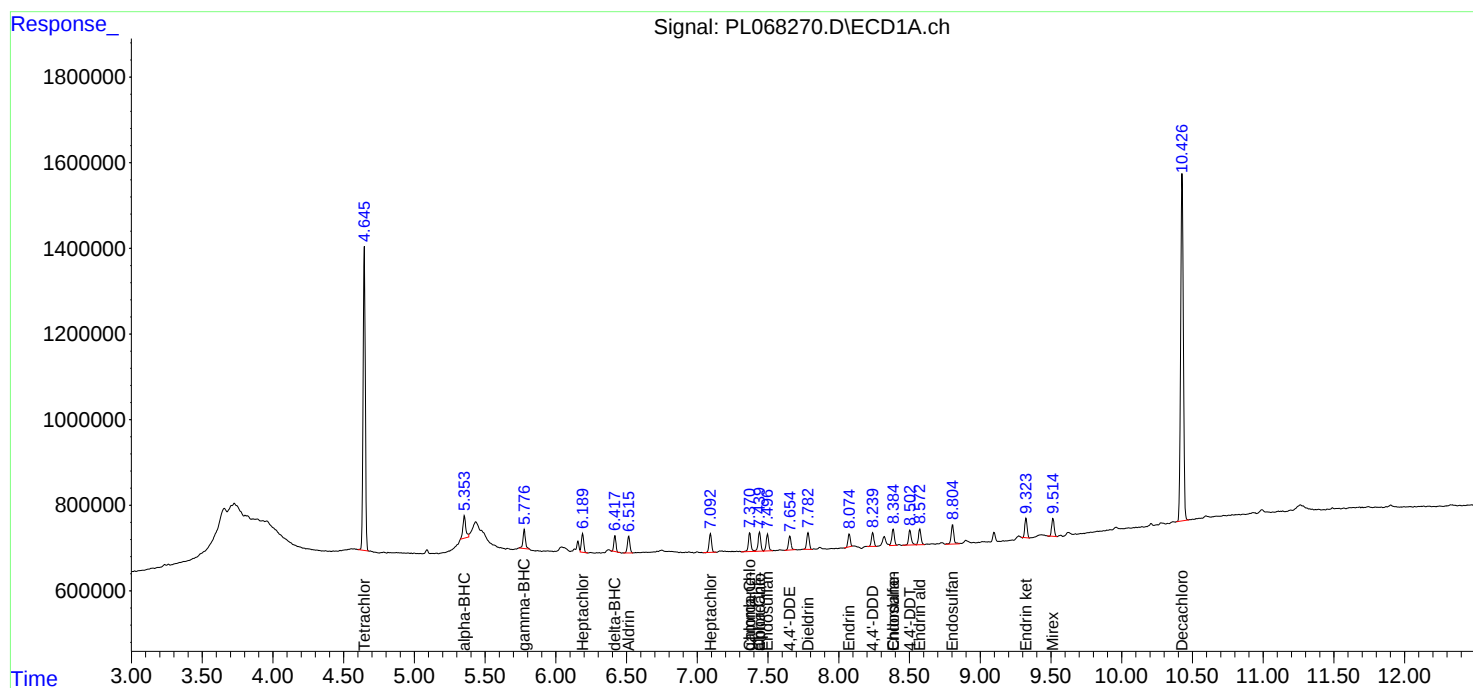
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

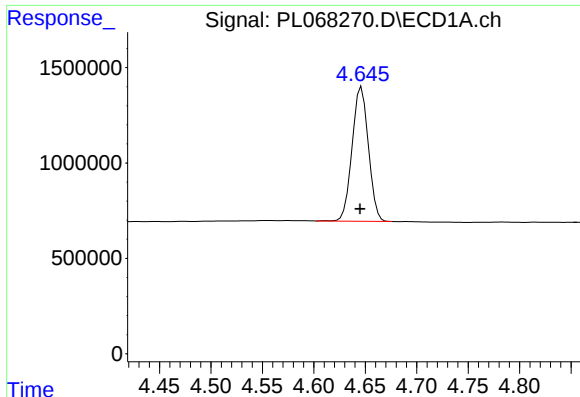
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072021\
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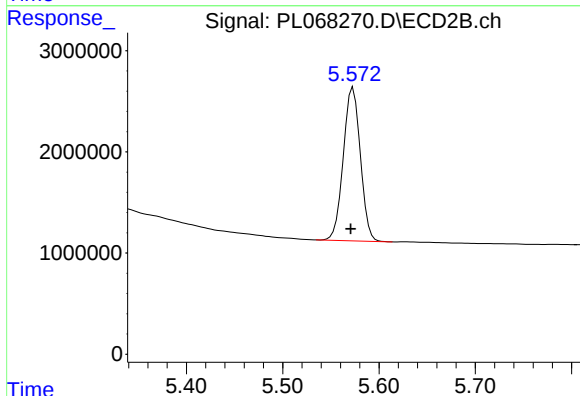




#1 Tetrachloro-m-xylene

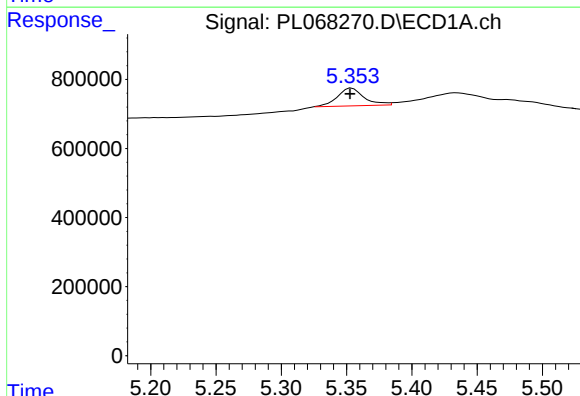
R.T.: 4.646 min
Delta R.T.: 0.001 min
Response: 7778766
Conc: 18.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



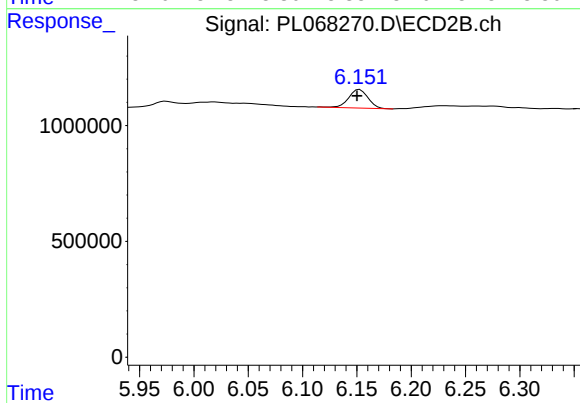
#1 Tetrachloro-m-xylene

R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 18577817
Conc: 18.21 ng/ml



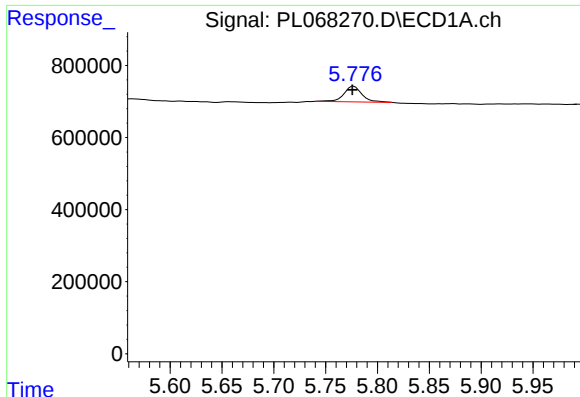
#2 alpha-BHC

R.T.: 5.354 min
Delta R.T.: 0.001 min
Response: 732247
Conc: 1.25 ng/ml



#2 alpha-BHC

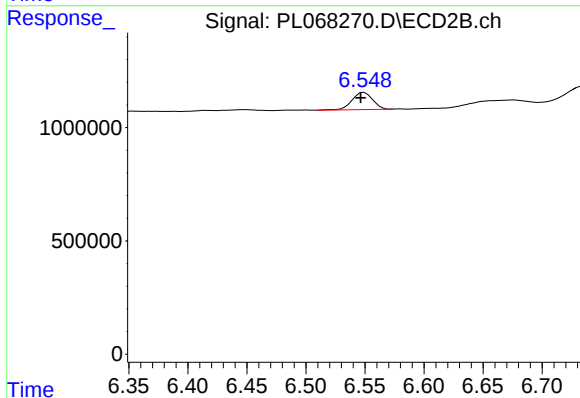
R.T.: 6.153 min
Delta R.T.: 0.002 min
Response: 996780
Conc: 0.73 ng/ml



#3 gamma-BHC (Lindane)

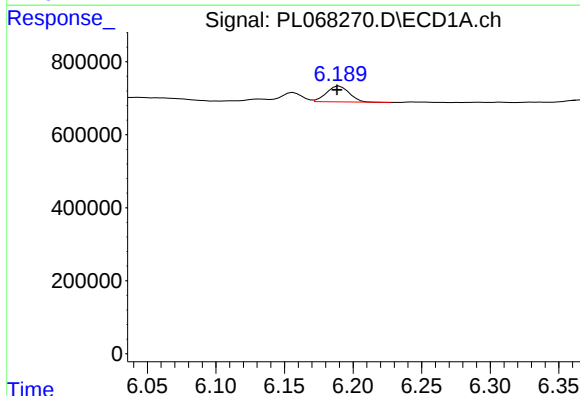
R.T.: 5.777 min
Delta R.T.: 0.002 min
Response: 530573
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



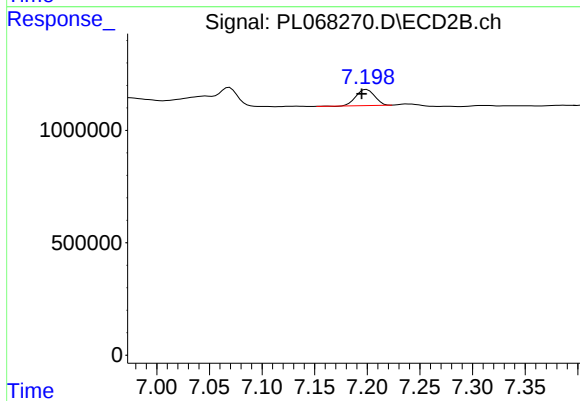
#3 gamma-BHC (Lindane)

R.T.: 6.549 min
Delta R.T.: 0.003 min
Response: 914127
Conc: 0.71 ng/ml



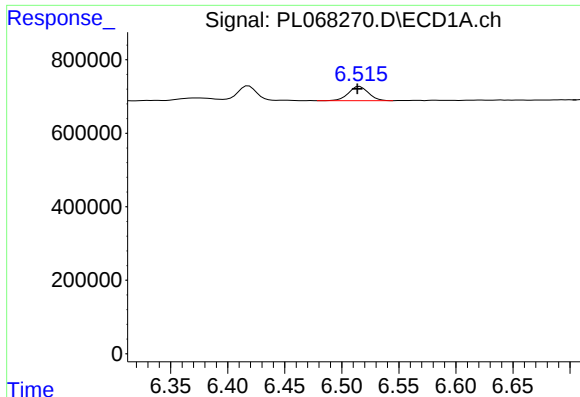
#4 Heptachlor

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 498078
Conc: 0.82 ng/ml



#4 Heptachlor

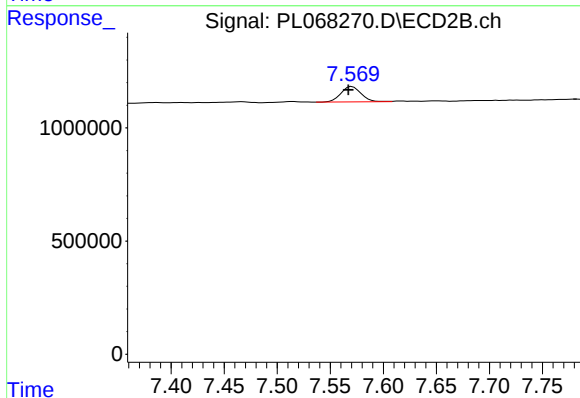
R.T.: 7.199 min
Delta R.T.: 0.005 min
Response: 889165
Conc: 0.68 ng/ml



#5 Aldrin

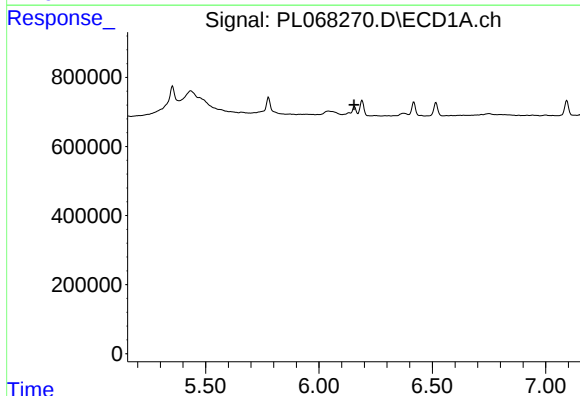
R.T.: 6.516 min
Delta R.T.: 0.002 min
Response: 465786
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



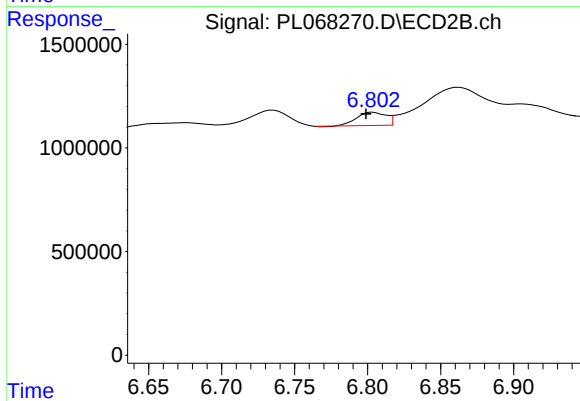
#5 Aldrin

R.T.: 7.570 min
Delta R.T.: 0.003 min
Response: 911773
Conc: 0.77 ng/ml



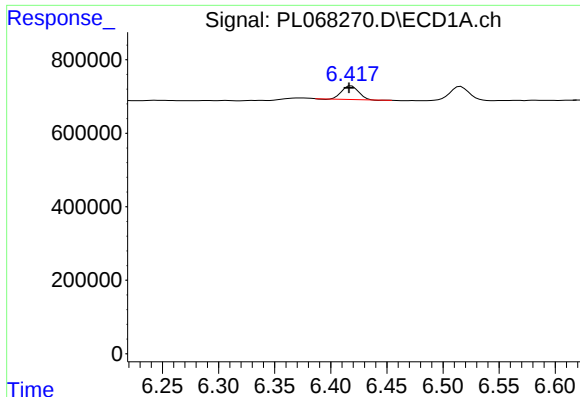
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 6.155 min
Response: 0
Conc: N.D.



#6 beta-BHC

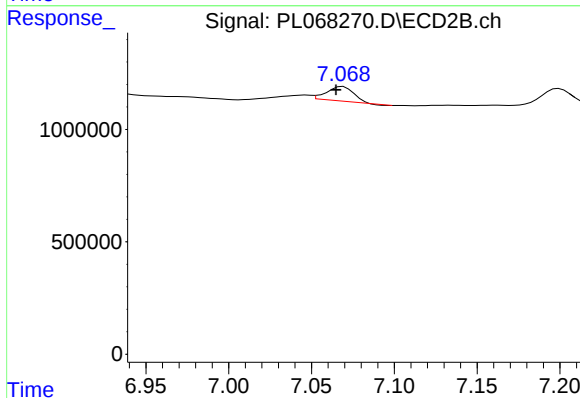
R.T.: 6.804 min
Delta R.T.: 0.005 min
Response: 871257
Conc: 1.23 ng/ml



#7 delta-BHC

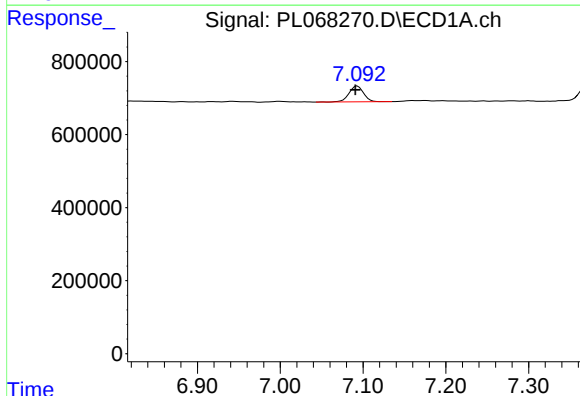
R.T.: 6.418 min
Delta R.T.: 0.002 min
Response: 378508
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



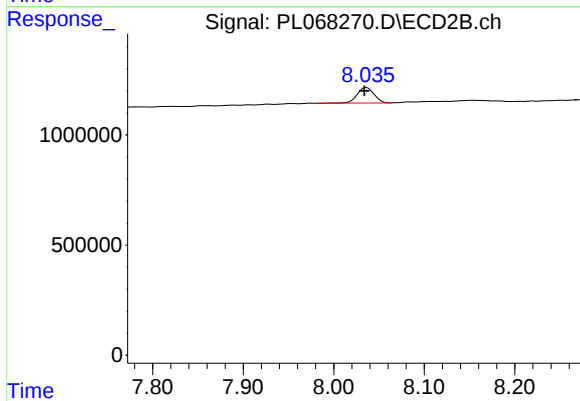
#7 delta-BHC

R.T.: 7.069 min
Delta R.T.: 0.004 min
Response: 691180
Conc: 0.56 ng/ml



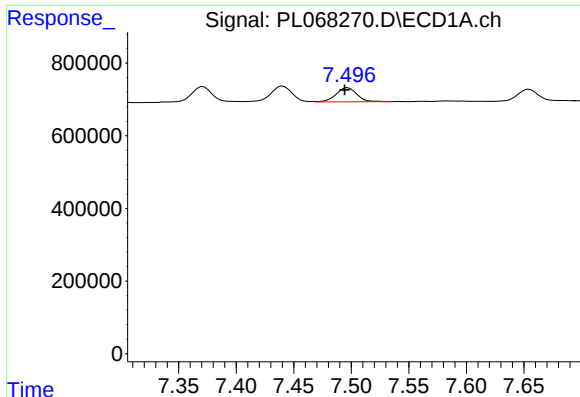
#8 Heptachlor epoxide

R.T.: 7.093 min
Delta R.T.: 0.003 min
Response: 524409
Conc: 0.94 ng/ml



#8 Heptachlor epoxide

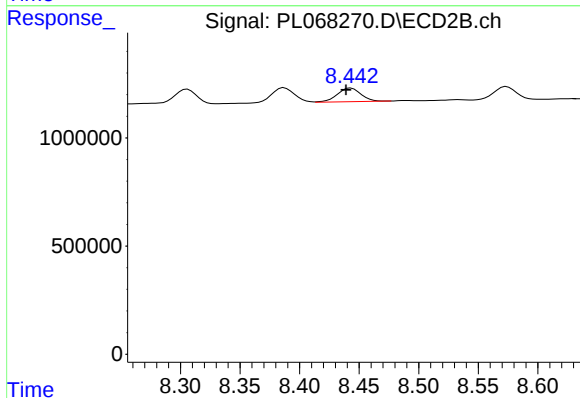
R.T.: 8.036 min
Delta R.T.: 0.003 min
Response: 917960
Conc: 0.81 ng/ml



#9 Endosulfan I

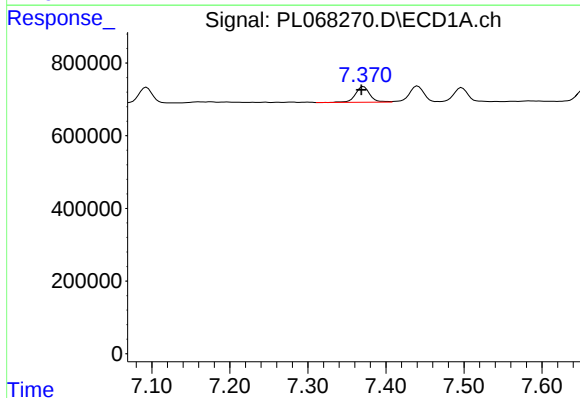
R.T.: 7.497 min
Delta R.T.: 0.003 min
Response: 490563
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



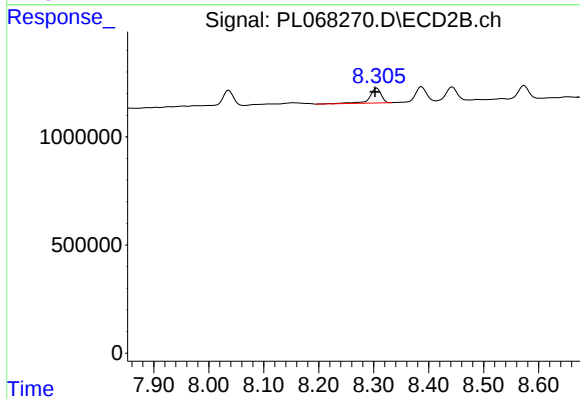
#9 Endosulfan I

R.T.: 8.443 min
Delta R.T.: 0.004 min
Response: 865631
Conc: 0.84 ng/ml



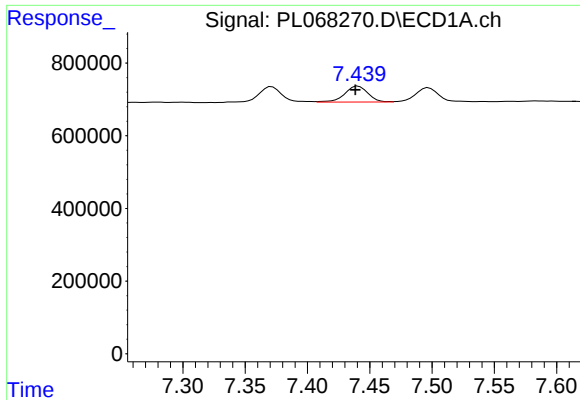
#10 gamma-Chlordane

R.T.: 7.371 min
Delta R.T.: 0.003 min
Response: 558954
Conc: 0.97 ng/ml



#10 gamma-Chlordane

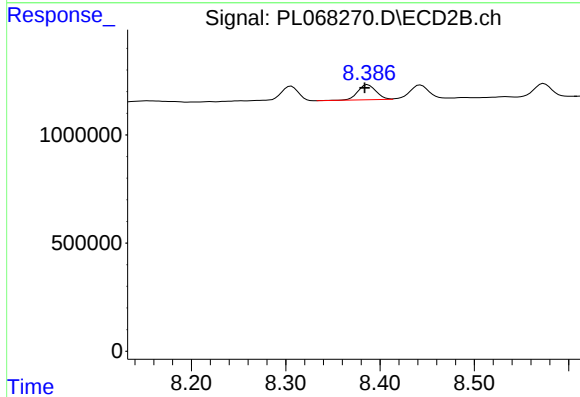
R.T.: 8.306 min
Delta R.T.: 0.003 min
Response: 998674
Conc: 0.89 ng/ml



#11 alpha-Chlordane

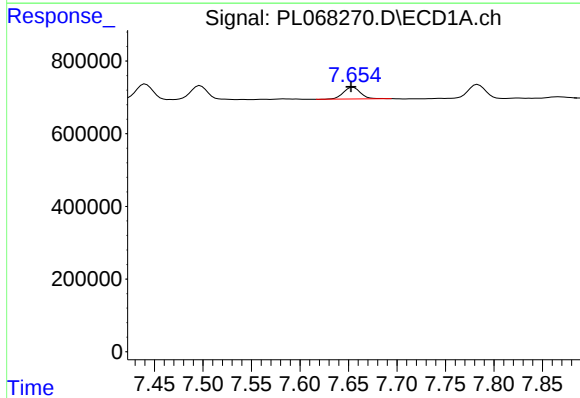
R.T.: 7.441 min
Delta R.T.: 0.002 min
Response: 573726
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



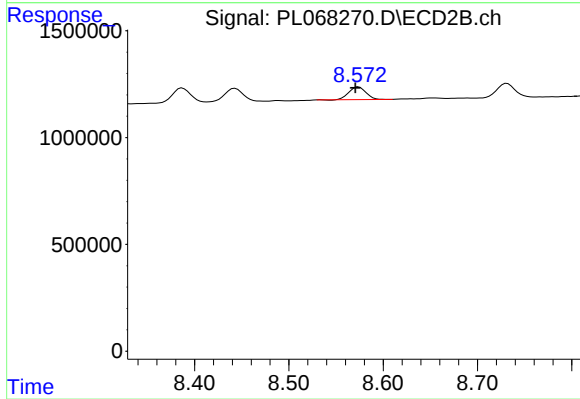
#11 alpha-Chlordane

R.T.: 8.387 min
Delta R.T.: 0.003 min
Response: 933585
Conc: 0.83 ng/ml



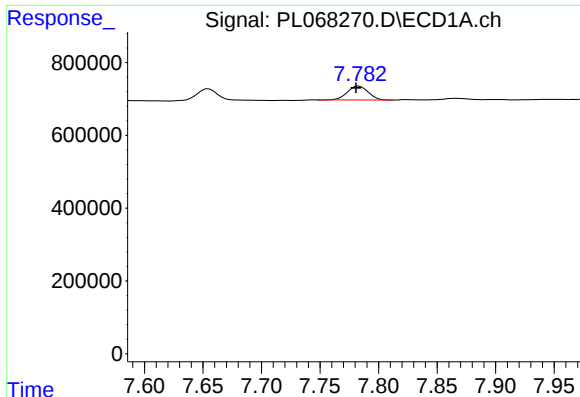
#12 4,4'-DDE

R.T.: 7.655 min
Delta R.T.: 0.002 min
Response: 399284
Conc: 0.79 ng/ml



#12 4,4'-DDE

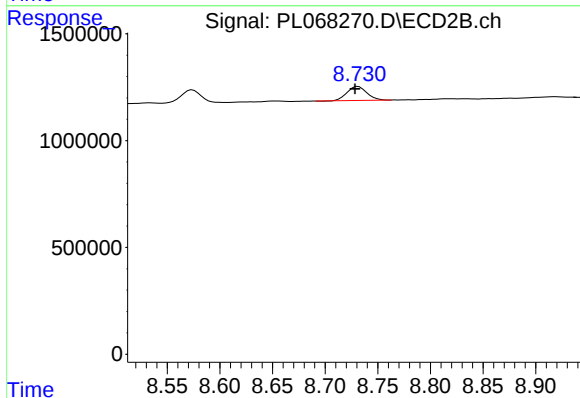
R.T.: 8.574 min
Delta R.T.: 0.003 min
Response: 754959
Conc: 0.73 ng/ml



#13 Dieldrin

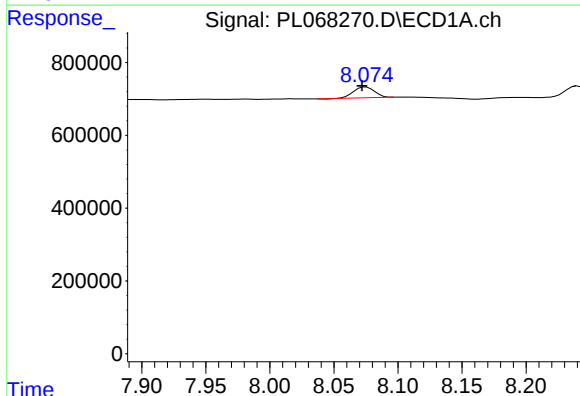
R.T.: 7.783 min
Delta R.T.: 0.003 min
Response: 476067
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



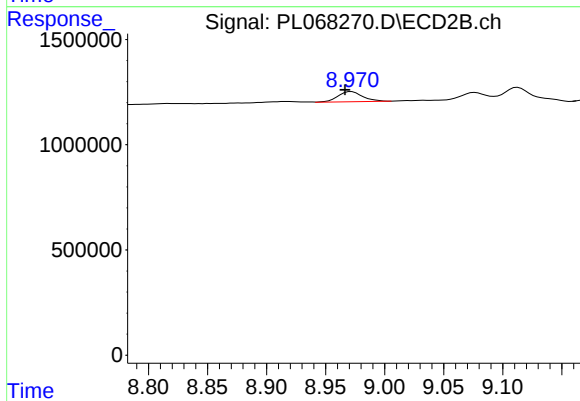
#13 Dieldrin

R.T.: 8.731 min
Delta R.T.: 0.003 min
Response: 854399
Conc: 0.81 ng/ml



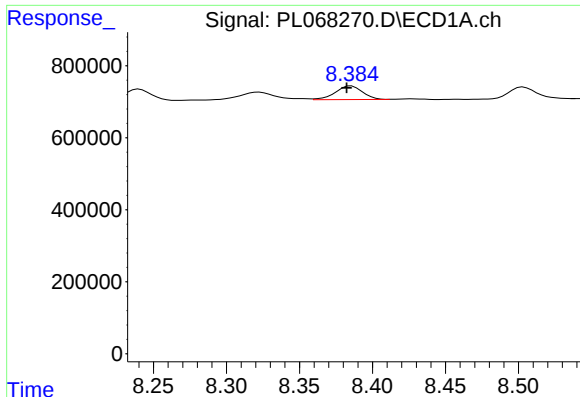
#14 Endrin

R.T.: 8.075 min
Delta R.T.: 0.003 min
Response: 335643
Conc: 0.67 ng/ml



#14 Endrin

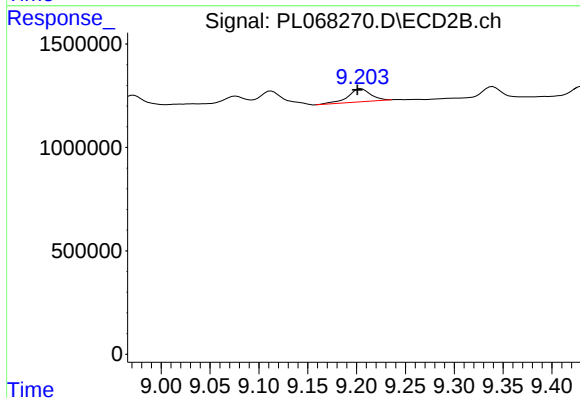
R.T.: 8.972 min
Delta R.T.: 0.005 min
Response: 695342
Conc: 0.78 ng/ml



#15 Endosulfan II

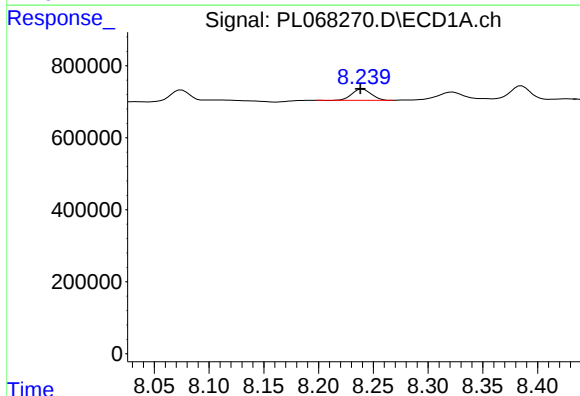
R.T.: 8.386 min
Delta R.T.: 0.003 min
Response: 487402
Conc: 0.99 ng/ml

Instrument :
ECD_L
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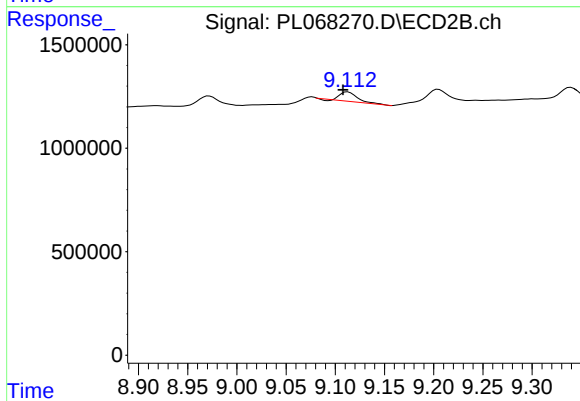
#15 Endosulfan II

R.T.: 9.205 min
Delta R.T.: 0.004 min
Response: 1015155
Conc: 1.12 ng/ml



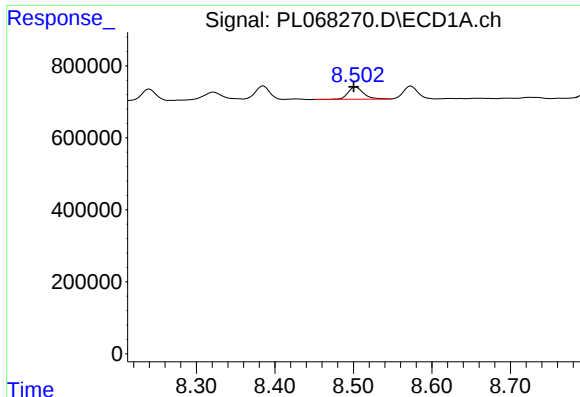
#16 4,4'-DDD

R.T.: 8.240 min
Delta R.T.: 0.002 min
Response: 386127
Conc: 0.86 ng/ml



#16 4,4'-DDD

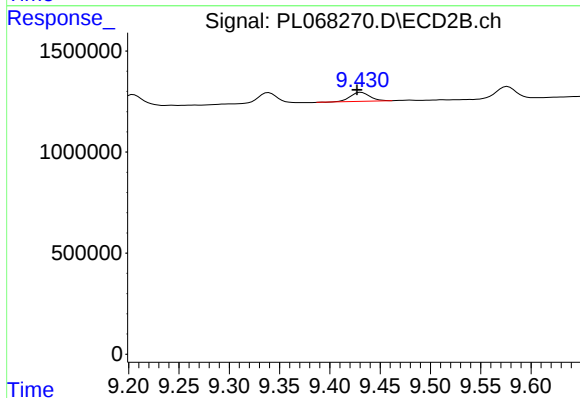
R.T.: 9.113 min
Delta R.T.: 0.005 min
Response: 577677
Conc: 0.68 ng/ml



#17 4,4'-DDT

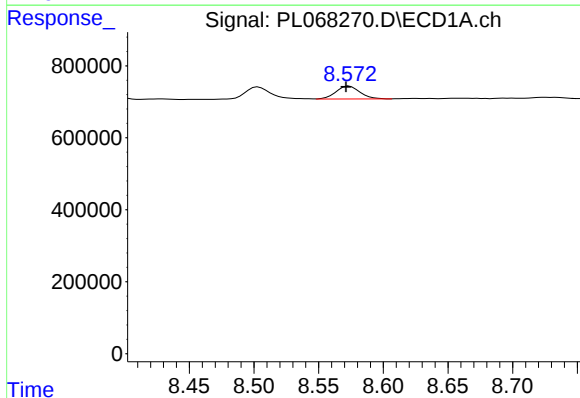
R.T.: 8.503 min
Delta R.T.: 0.003 min
Response: 472275
Conc: 0.94 ng/ml

Instrument :
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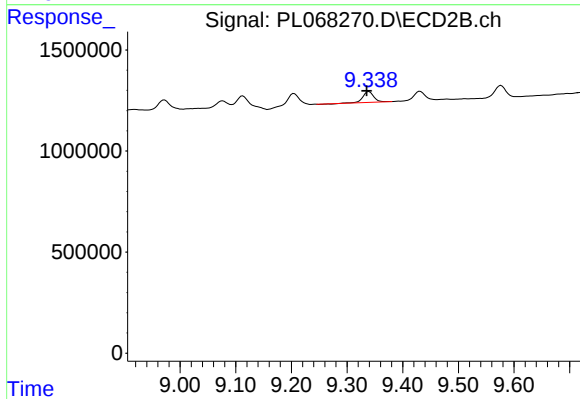
#17 4,4'-DDT

R.T.: 9.431 min
Delta R.T.: 0.004 min
Response: 598221
Conc: 0.63 ng/ml



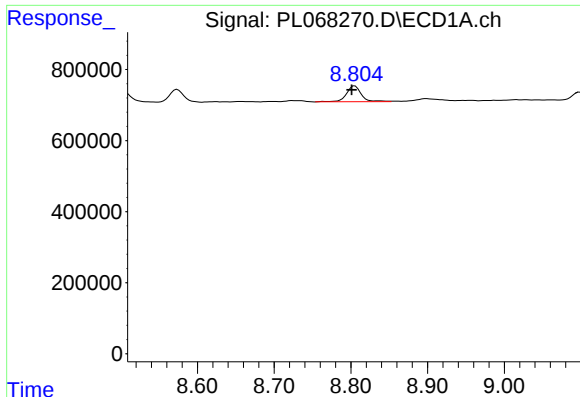
#18 Endrin aldehyde

R.T.: 8.574 min
Delta R.T.: 0.002 min
Response: 462170
Conc: 1.17 ng/ml



#18 Endrin aldehyde

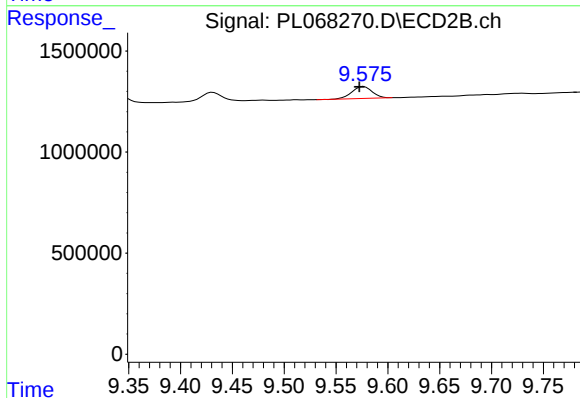
R.T.: 9.339 min
Delta R.T.: 0.004 min
Response: 712523
Conc: 0.99 ng/ml



#19 Endosulfan Sulfate

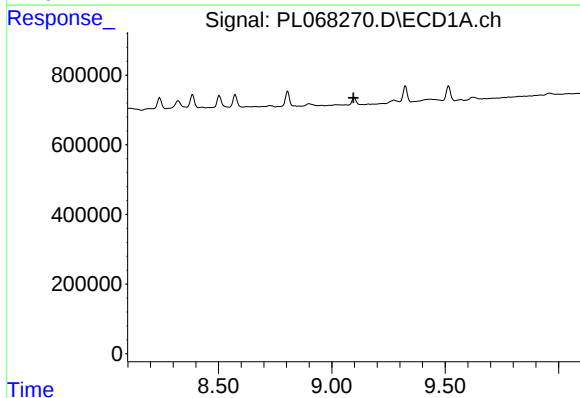
R.T.: 8.805 min
Delta R.T.: 0.004 min
Response: 602057
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



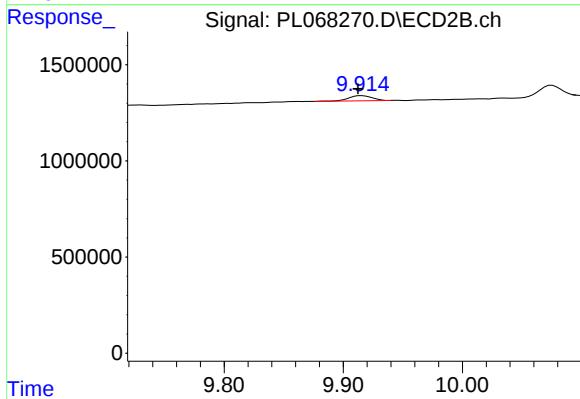
#19 Endosulfan Sulfate

R.T.: 9.577 min
Delta R.T.: 0.004 min
Response: 794928
Conc: 0.88 ng/ml



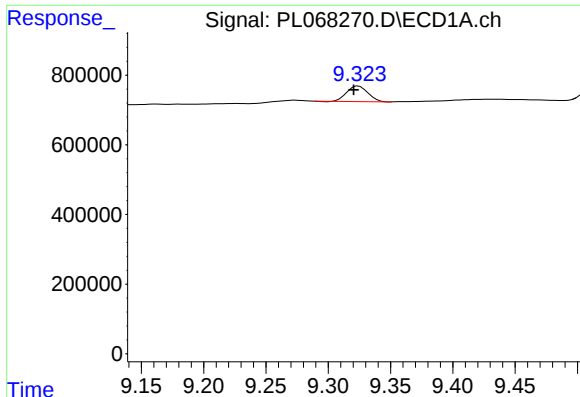
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 9.096 min
Response: 0
Conc: N.D.



#20 Methoxychlor

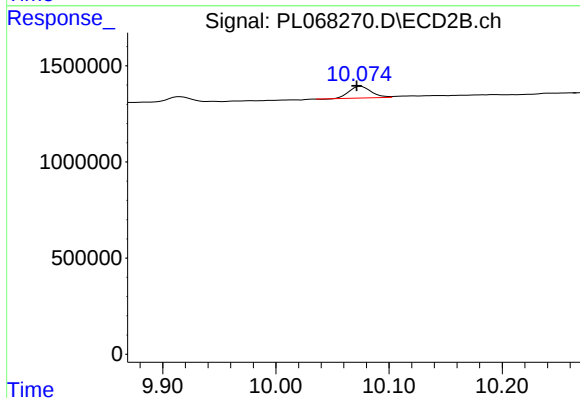
R.T.: 9.915 min
Delta R.T.: 0.003 min
Response: 367279
Conc: 0.72 ng/ml



#21 Endrin ketone

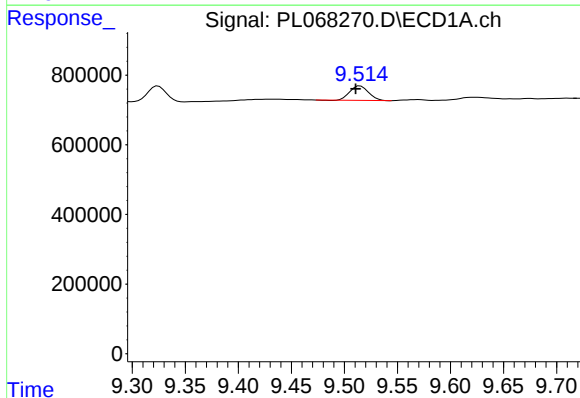
R.T.: 9.324 min
Delta R.T.: 0.004 min
Response: 530107
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



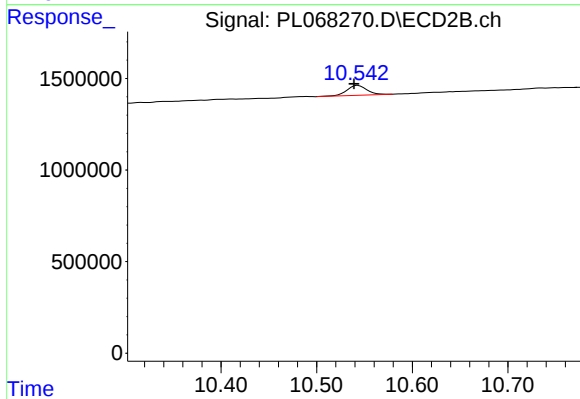
#21 Endrin ketone

R.T.: 10.075 min
Delta R.T.: 0.004 min
Response: 823705
Conc: 0.83 ng/ml



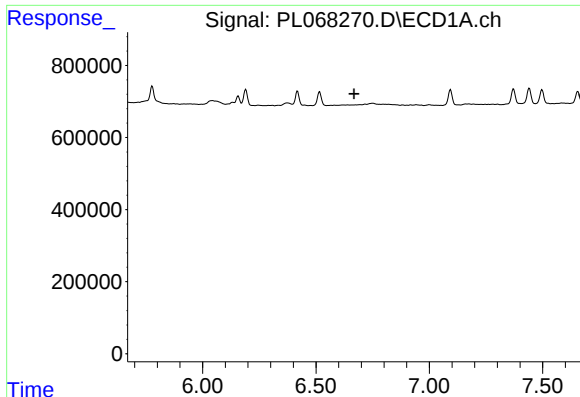
#22 Mirex

R.T.: 9.515 min
Delta R.T.: 0.004 min
Response: 514544
Conc: 1.04 ng/ml



#22 Mirex

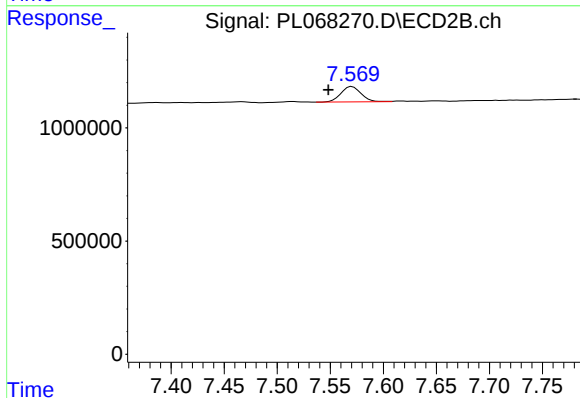
R.T.: 10.543 min
Delta R.T.: 0.004 min
Response: 807734
Conc: 1.04 ng/ml



#24 Chlordane-2

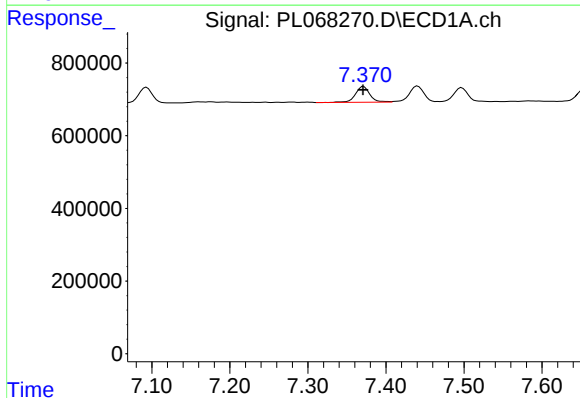
R.T.: 0.000 min
Exp R.T.: 6.668 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



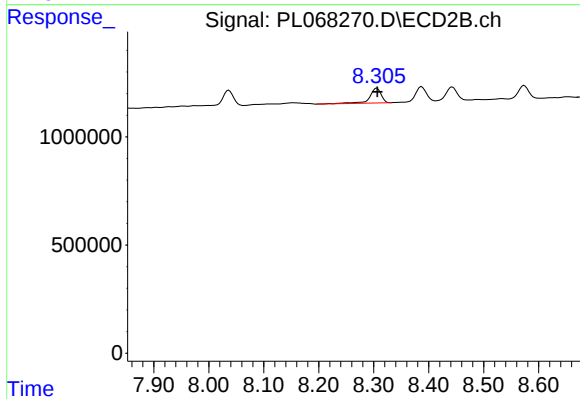
#24 Chlordane-2

R.T.: 7.570 min
Delta R.T.: 0.022 min
Response: 911773
Conc: 21.91 ng/ml



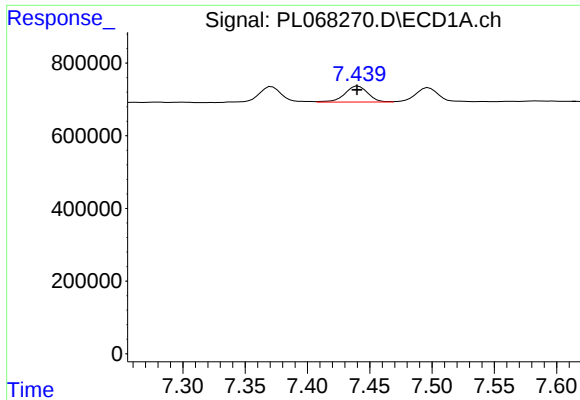
#25 Chlordane-3

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 558954
Conc: 10.38 ng/ml



#25 Chlordane-3

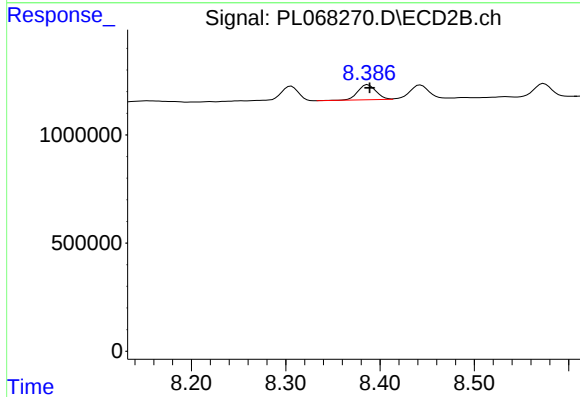
R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 998674
Conc: 6.45 ng/ml



#26 Chlordane-4

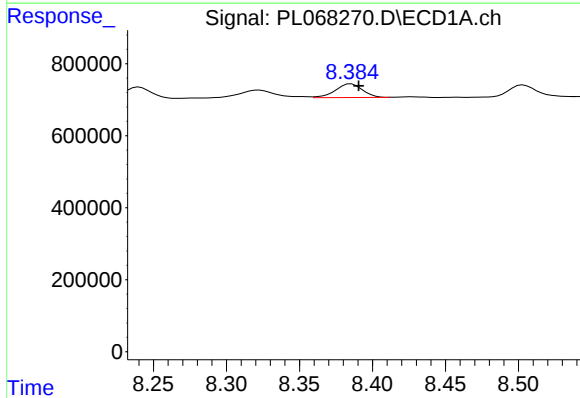
R.T.: 7.441 min
Delta R.T.: 0.001 min
Response: 573726
Conc: 10.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



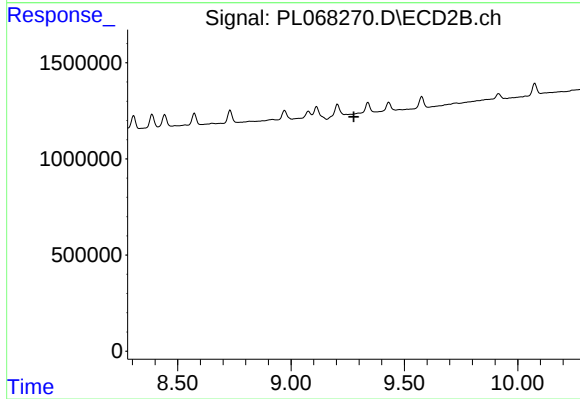
#26 Chlordane-4

R.T.: 8.387 min
Delta R.T.: -0.002 min
Response: 933585
Conc: 4.98 ng/ml



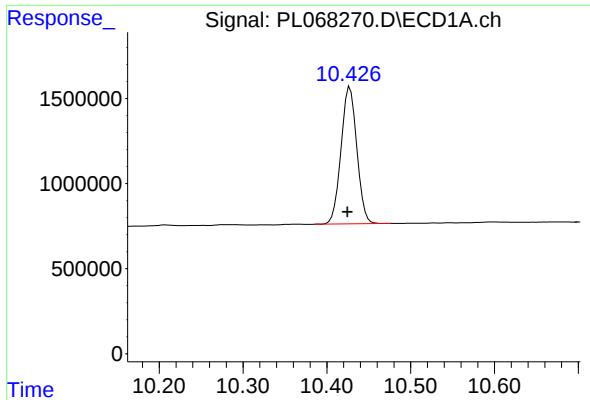
#27 Chlordane-5

R.T.: 8.386 min
Delta R.T.: -0.005 min
Response: 487402
Conc: 24.22 ng/ml



#27 Chlordane-5

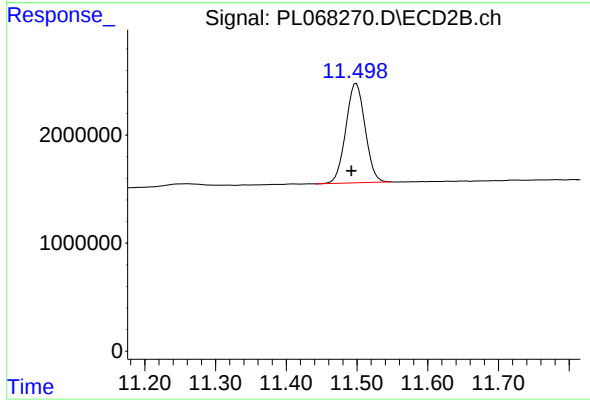
R.T.: 0.000 min
Exp R.T.: 9.277 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: 0.003 min
Response: 10542057
Conc: 18.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



#28 Decachlorobiphenyl

R.T.: 11.499 min
Delta R.T.: 0.007 min
Response: 17401967
Conc: 19.51 ng/ml