

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072021\
 Data File : PL068271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2021 12:38
 Operator : AR\AJ
 Sample : M2940-01
 Misc : LOD 2.5 PPM
 ALS Vial : 6 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 05:46:14 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	8530342	19960202	19.876	19.561
28)	SA Decachlor...	10.427	11.499	11639817	18856709	20.696	21.140
Target Compounds							
2)	A alpha-BHC	5.353	6.153	1322204	2594078	2.259	1.908
3)	MA gamma-BHC...	5.777	6.549	1288298	2487801	2.266	1.928
4)	MA Heptachlor	6.190	7.199	1363892	2432504	2.238	1.866
5)	MB Aldrin	6.515	7.570	1239423	2395655	2.206	2.019
6)	B beta-BHC	6.156	6.802	760744	1821392	2.600	2.578
7)	B delta-BHC	6.418	7.069	1075920	2236187	1.926	1.825
8)	B Heptachlo...	7.092	8.036	1359338	2466354	2.447	2.181
9)	A Endosulfan I	7.496	8.442	1293817	2275609	2.449	2.210
10)	B gamma-Chl...	7.370	8.305	1459548	2646174	2.544	2.350
11)	B alpha-Chl...	7.440	8.387	1425361	2443406	2.482	2.172
12)	B 4,4'-DDE	7.654	8.574	1068046	2066742	2.119	2.005
13)	MA Dieldrin	7.783	8.731	1248371	2262013	2.319	2.133
14)	MA Endrin	8.074	8.972	1081966	1775631	2.164	1.986
15)	B Endosulfa...	8.384	9.204	1320064	2435022	2.674	2.686
16)	A 4,4'-DDD	8.240	9.113	1049617	1765831	2.350	2.074
17)	MA 4,4'-DDT	8.502	9.431	1003916	1617110	2.001	1.713
18)	B Endrin al...	8.573	9.339	1141930	1886907	2.883	2.618
19)	B Endosulfa...	8.804	9.577	1434232	2112886	2.729	2.346
20)	A Methoxychlor	9.098	9.916	719216	1038031	2.299	2.043
21)	B Endrin ke...	9.324	10.075	1516729	2264259	2.562	2.270
22)	Mirex	9.514	10.543	1478021	2155180	2.993	2.786
24)	Chlordane-2	0.000	7.570f	0	2395655	N.D.	57.581 #
25)	Chlordane-3	7.370	8.305	1459548	2646174	27.102	17.086 #
26)	Chlordane-4	7.440	8.387	1425361	2443406	25.246	13.033 #
27)	Chlordane-5	8.384	0.000	1320064	0	65.589	N.D. #

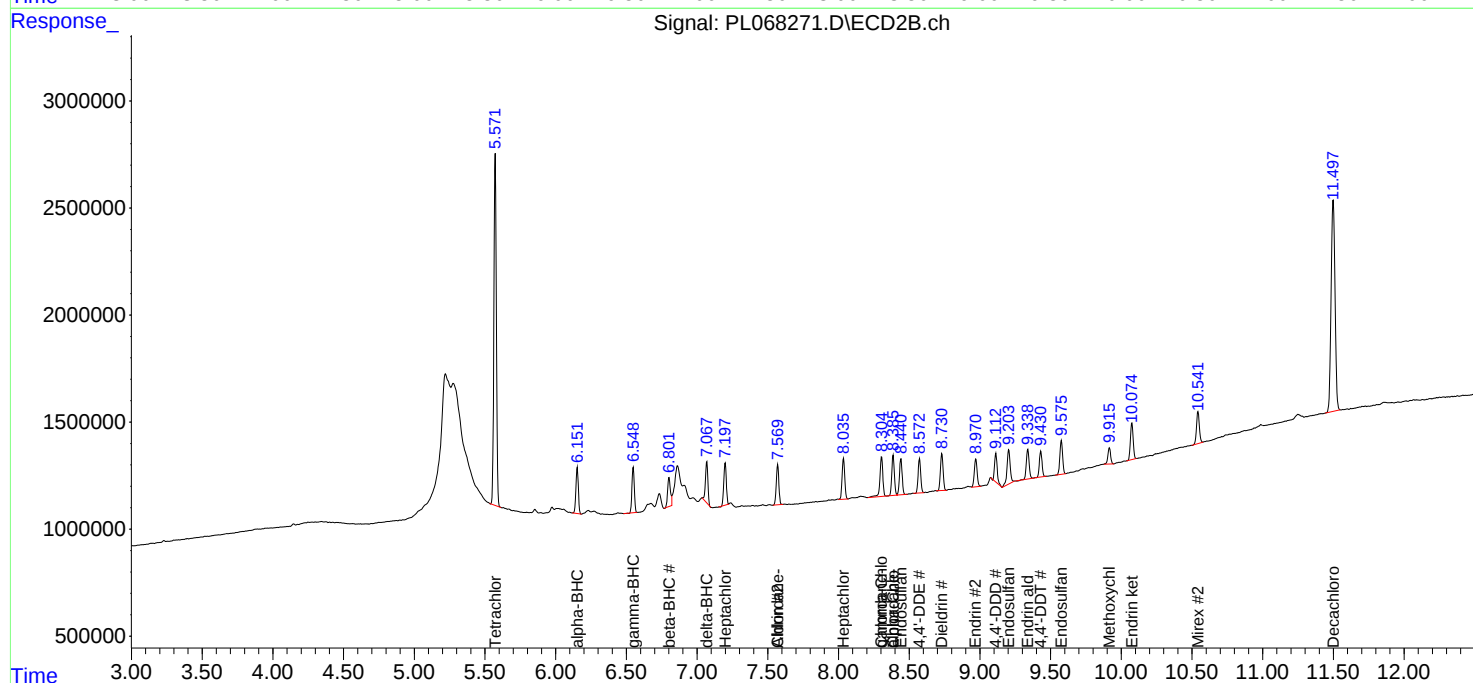
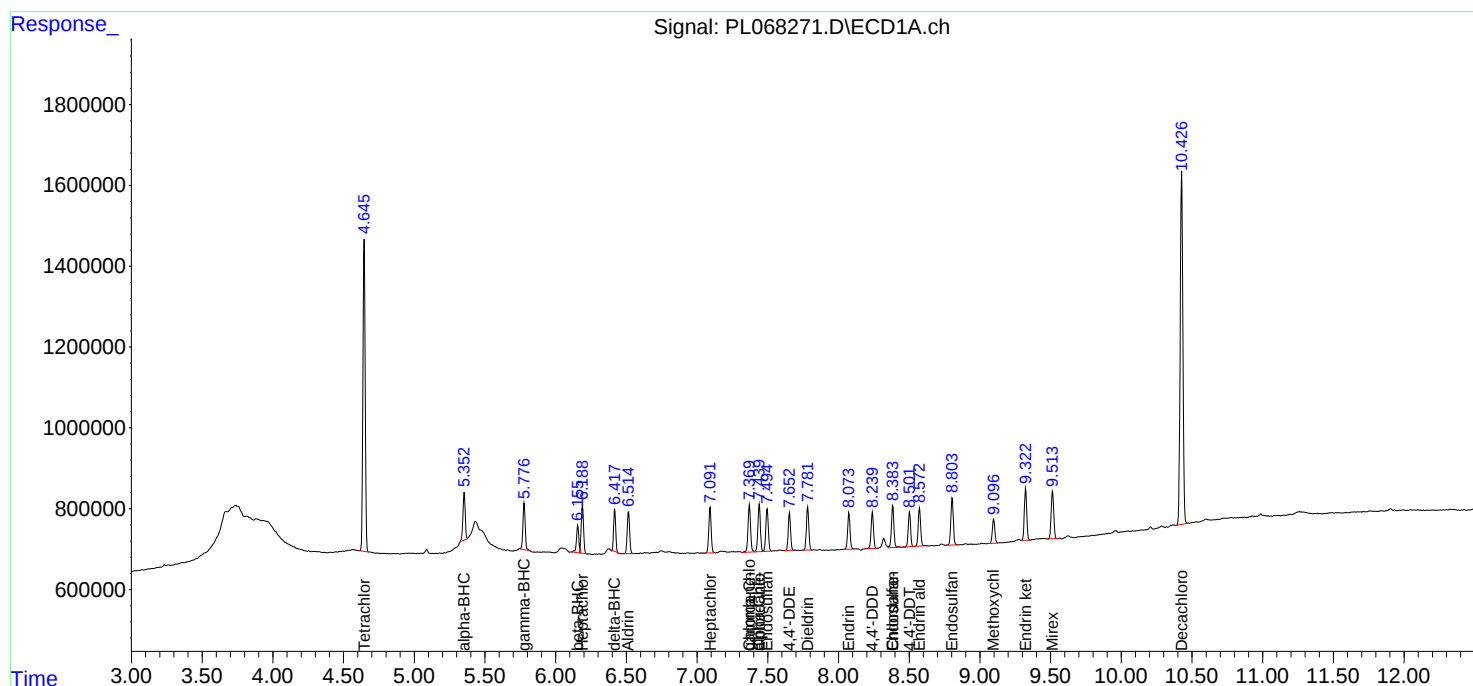
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

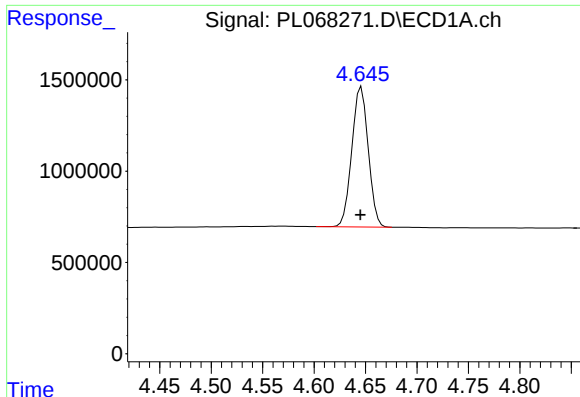
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072021\
 Data File : PL068271.D
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 LOD-MDL-SOIL-01-QT3-2021

Integration File signal 1: autoint1.e
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 Quant Time: Jul 21 05:46:14 2021
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

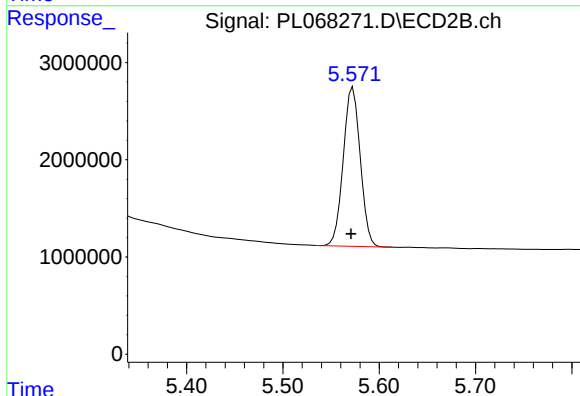




#1 Tetrachloro-m-xylene

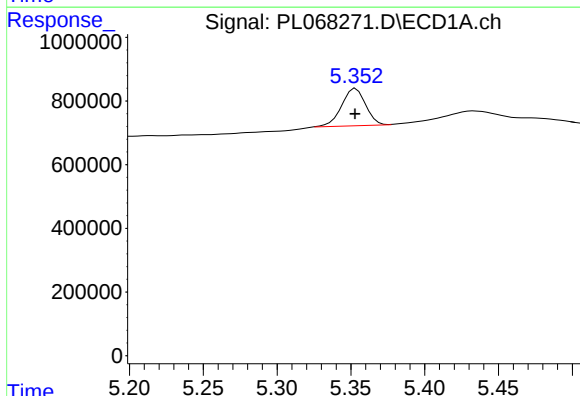
R.T.: 4.646 min
Delta R.T.: 0.001 min
Response: 8530342
Conc: 19.88 ng/ml

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



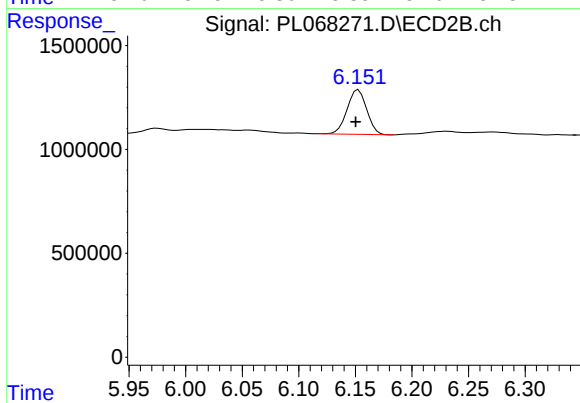
#1 Tetrachloro-m-xylene

R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 19960202
Conc: 19.56 ng/ml



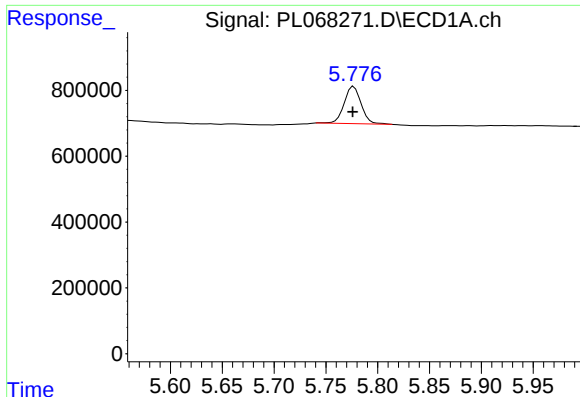
#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 1322204
Conc: 2.26 ng/ml



#2 alpha-BHC

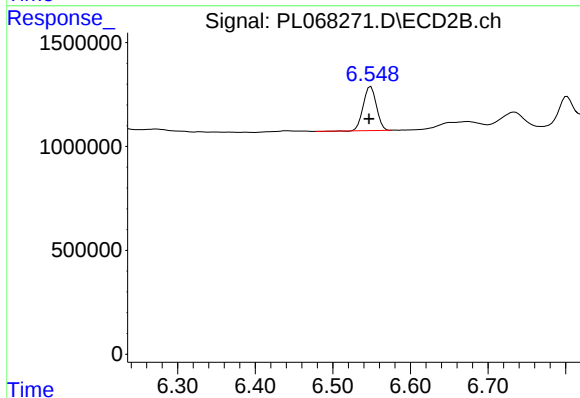
R.T.: 6.153 min
Delta R.T.: 0.002 min
Response: 2594078
Conc: 1.91 ng/ml



#3 gamma-BHC (Lindane)

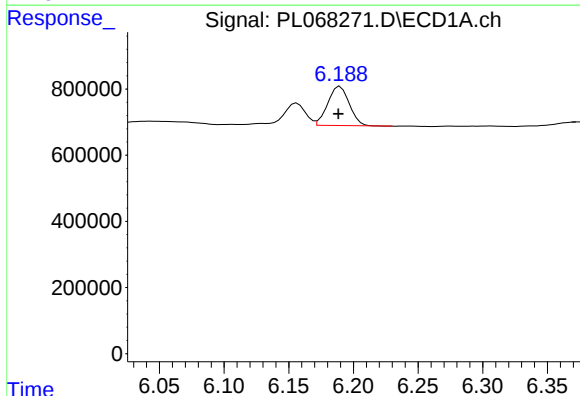
R.T.: 5.777 min
Delta R.T.: 0.001 min
Response: 1288298
Conc: 2.27 ng/ml

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



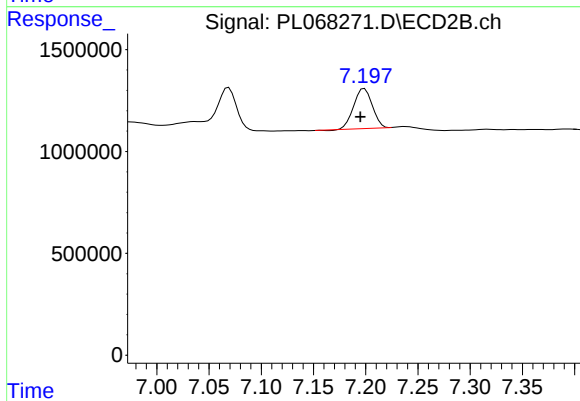
#3 gamma-BHC (Lindane)

R.T.: 6.549 min
Delta R.T.: 0.003 min
Response: 2487801
Conc: 1.93 ng/ml



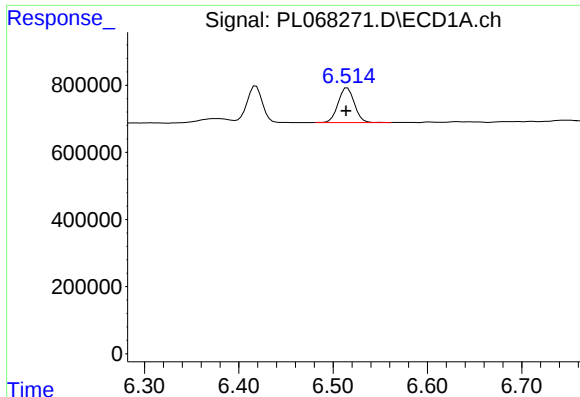
#4 Heptachlor

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 1363892
Conc: 2.24 ng/ml



#4 Heptachlor

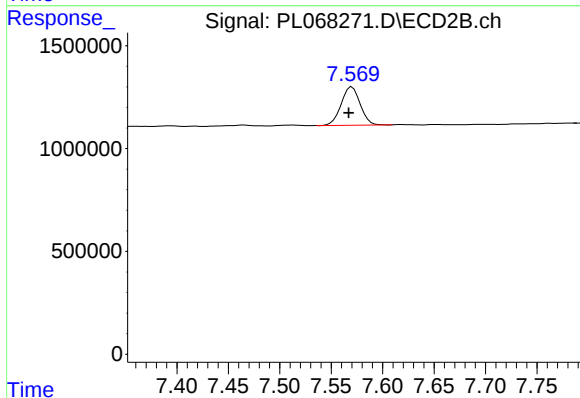
R.T.: 7.199 min
Delta R.T.: 0.004 min
Response: 2432504
Conc: 1.87 ng/ml



#5 Aldrin

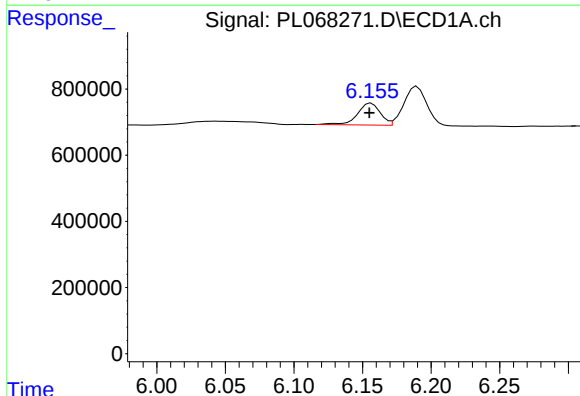
R.T.: 6.515 min
Delta R.T.: 0.001 min
Response: 1239423
Conc: 2.21 ng/ml

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



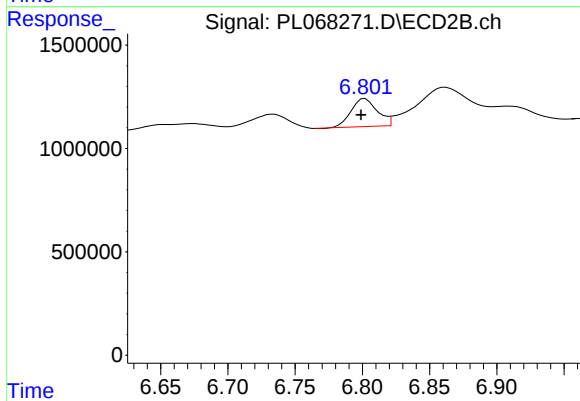
#5 Aldrin

R.T.: 7.570 min
Delta R.T.: 0.003 min
Response: 2395655
Conc: 2.02 ng/ml



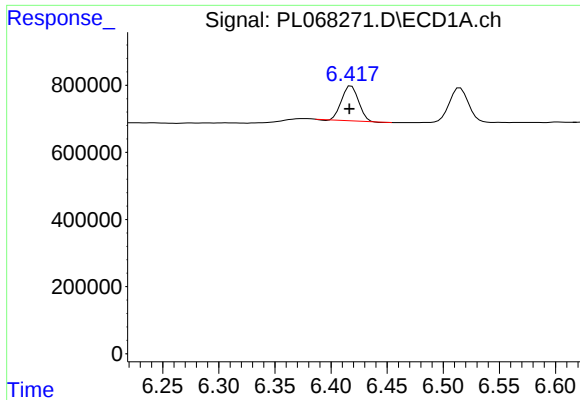
#6 beta-BHC

R.T.: 6.156 min
Delta R.T.: 0.002 min
Response: 760744
Conc: 2.60 ng/ml



#6 beta-BHC

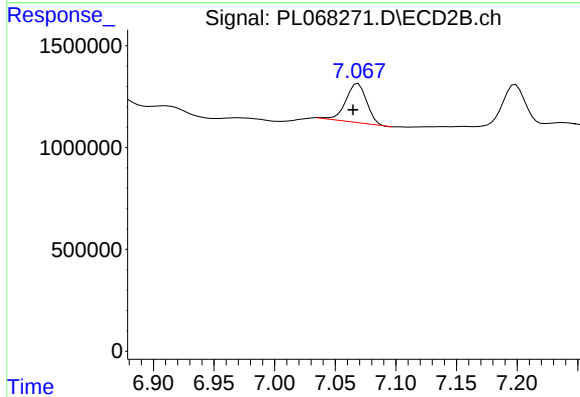
R.T.: 6.802 min
Delta R.T.: 0.003 min
Response: 1821392
Conc: 2.58 ng/ml



#7 delta-BHC

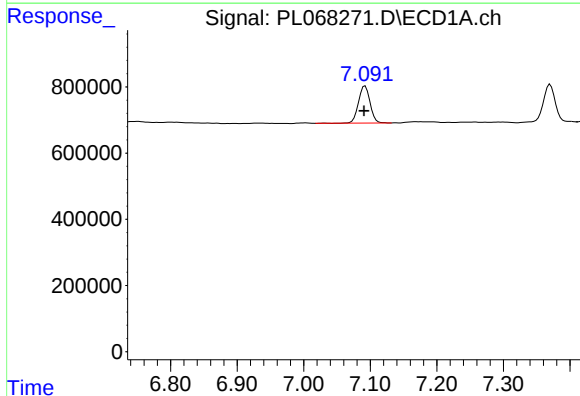
R.T.: 6.418 min
Delta R.T.: 0.002 min
Response: 1075920
Conc: 1.93 ng/ml

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



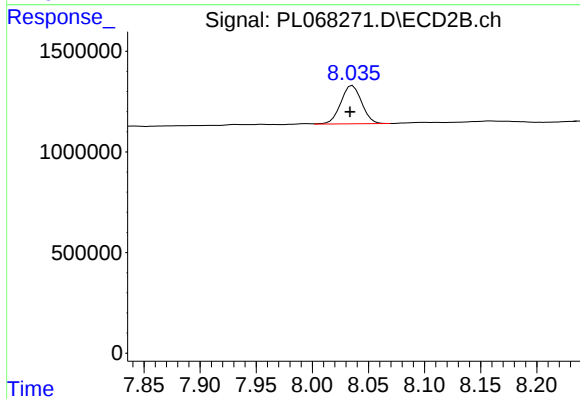
#7 delta-BHC

R.T.: 7.069 min
Delta R.T.: 0.004 min
Response: 2236187
Conc: 1.83 ng/ml



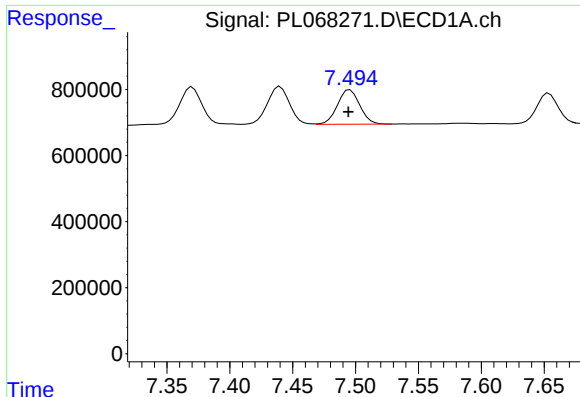
#8 Heptachlor epoxide

R.T.: 7.092 min
Delta R.T.: 0.002 min
Response: 1359338
Conc: 2.45 ng/ml



#8 Heptachlor epoxide

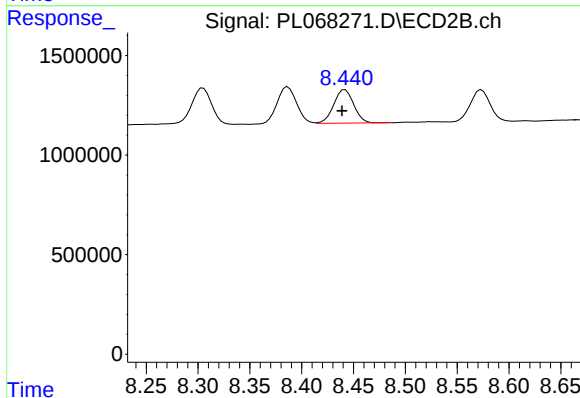
R.T.: 8.036 min
Delta R.T.: 0.002 min
Response: 2466354
Conc: 2.18 ng/ml



#9 Endosulfan I

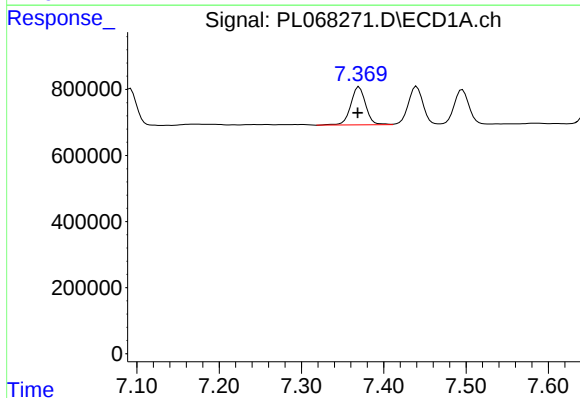
R.T.: 7.496 min
Delta R.T.: 0.001 min
Response: 1293817
Conc: 2.45 ng/ml

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



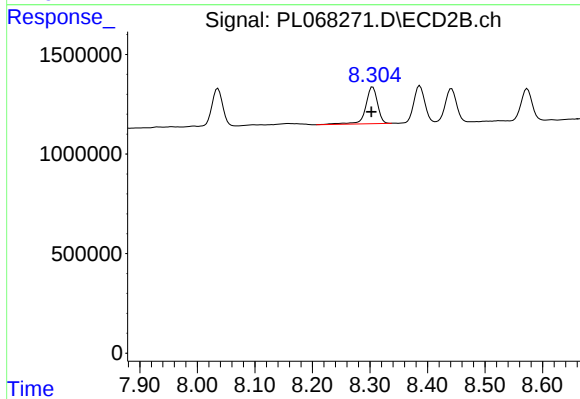
#9 Endosulfan I

R.T.: 8.442 min
Delta R.T.: 0.003 min
Response: 2275609
Conc: 2.21 ng/ml



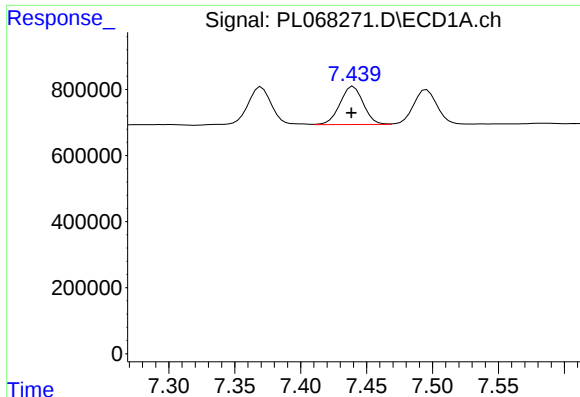
#10 gamma-Chlordane

R.T.: 7.370 min
Delta R.T.: 0.002 min
Response: 1459548
Conc: 2.54 ng/ml



#10 gamma-Chlordane

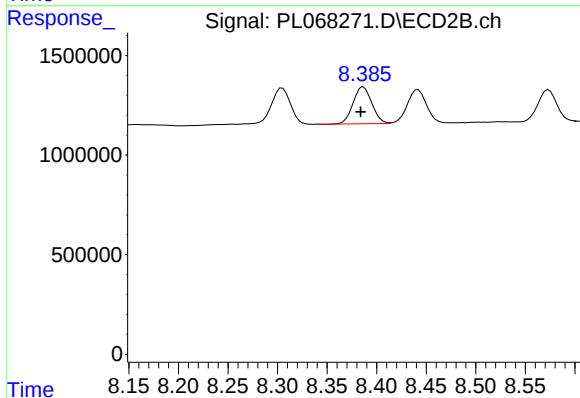
R.T.: 8.305 min
Delta R.T.: 0.002 min
Response: 2646174
Conc: 2.35 ng/ml



#11 alpha-Chlordane

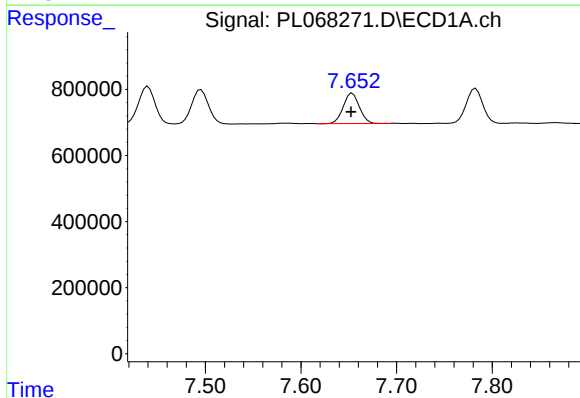
R.T.: 7.440 min
Delta R.T.: 0.002 min
Response: 1425361
Conc: 2.48 ng/ml

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



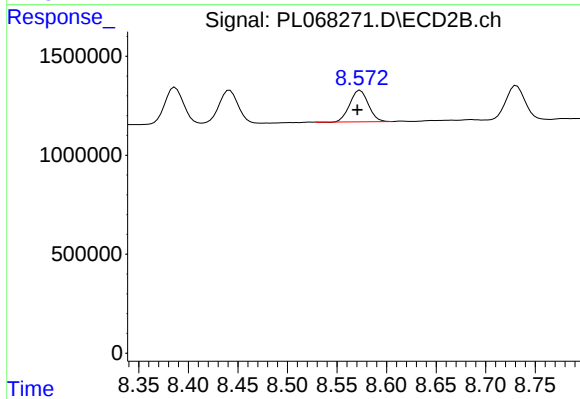
#11 alpha-Chlordane

R.T.: 8.387 min
Delta R.T.: 0.003 min
Response: 2443406
Conc: 2.17 ng/ml



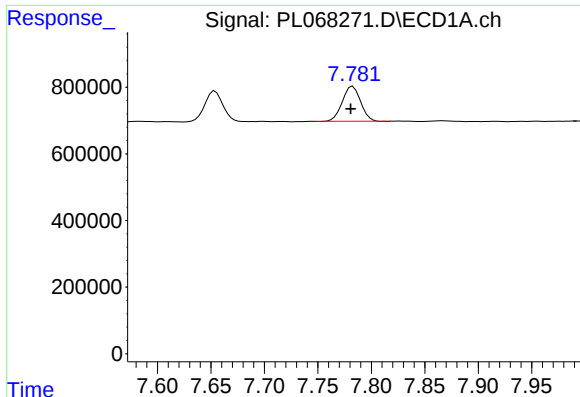
#12 4,4'-DDE

R.T.: 7.654 min
Delta R.T.: 0.001 min
Response: 1068046
Conc: 2.12 ng/ml



#12 4,4'-DDE

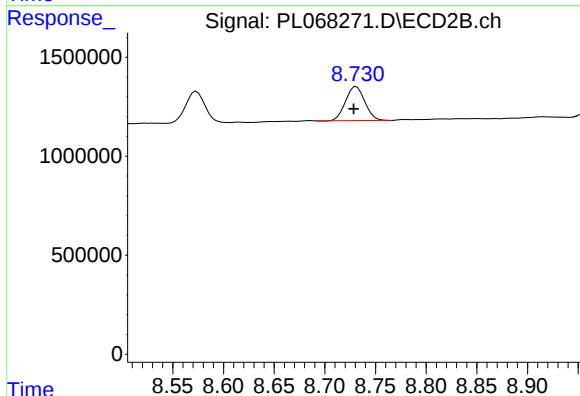
R.T.: 8.574 min
Delta R.T.: 0.003 min
Response: 2066742
Conc: 2.01 ng/ml



#13 Dieldrin

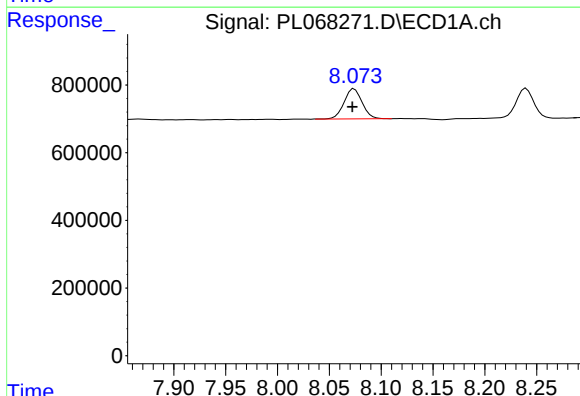
R.T.: 7.783 min
Delta R.T.: 0.002 min
Response: 1248371
Conc: 2.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
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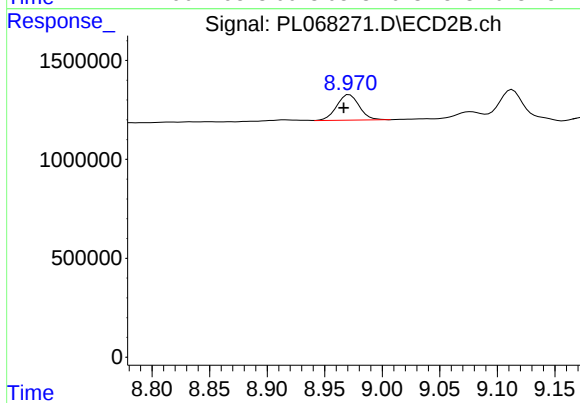
#13 Dieldrin

R.T.: 8.731 min
Delta R.T.: 0.003 min
Response: 2262013
Conc: 2.13 ng/ml



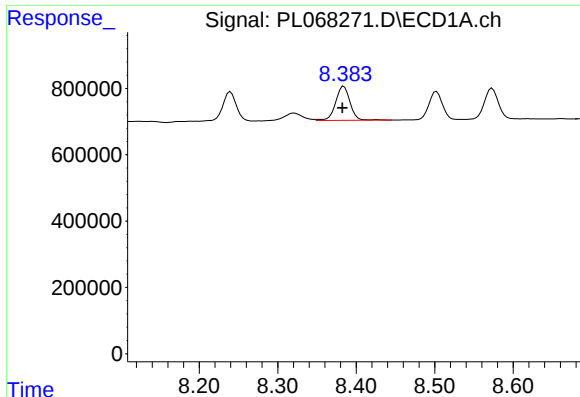
#14 Endrin

R.T.: 8.074 min
Delta R.T.: 0.002 min
Response: 1081966
Conc: 2.16 ng/ml



#14 Endrin

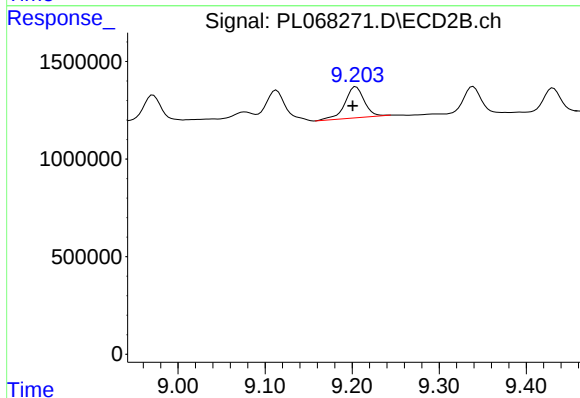
R.T.: 8.972 min
Delta R.T.: 0.005 min
Response: 1775631
Conc: 1.99 ng/ml



#15 Endosulfan II

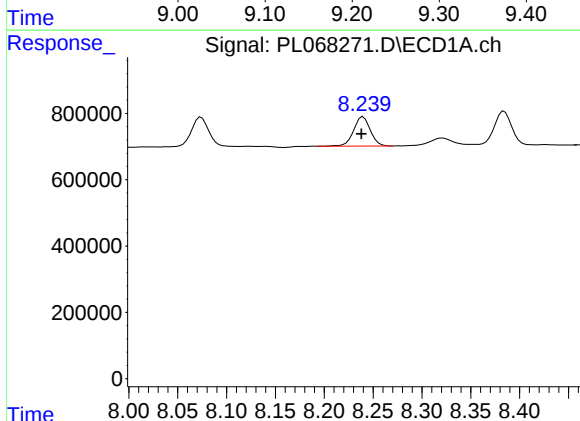
R.T.: 8.384 min
Delta R.T.: 0.002 min
Response: 1320064
Conc: 2.67 ng/ml

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



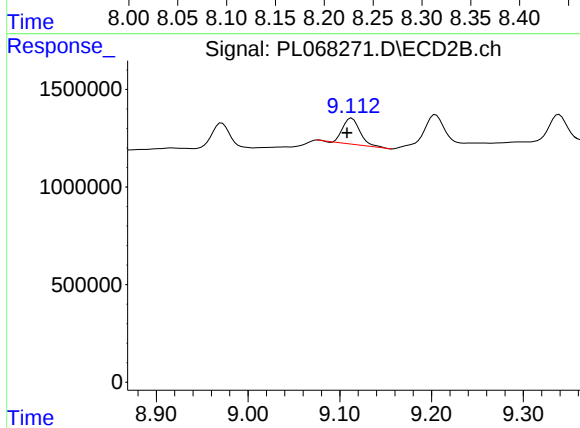
#15 Endosulfan II

R.T.: 9.204 min
Delta R.T.: 0.004 min
Response: 2435022
Conc: 2.69 ng/ml



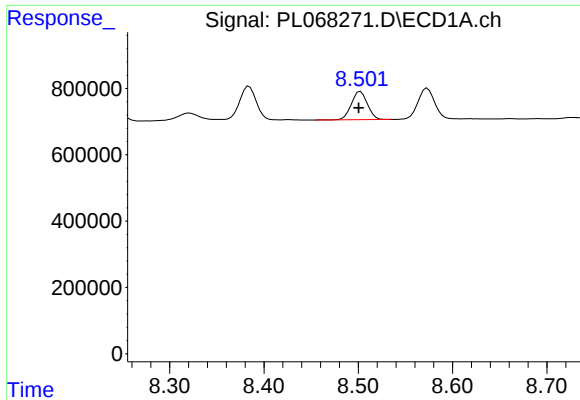
#16 4,4'-DDD

R.T.: 8.240 min
Delta R.T.: 0.002 min
Response: 1049617
Conc: 2.35 ng/ml



#16 4,4'-DDD

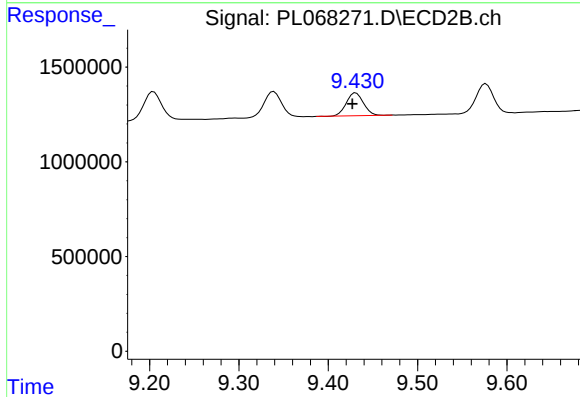
R.T.: 9.113 min
Delta R.T.: 0.005 min
Response: 1765831
Conc: 2.07 ng/ml



#17 4,4'-DDT

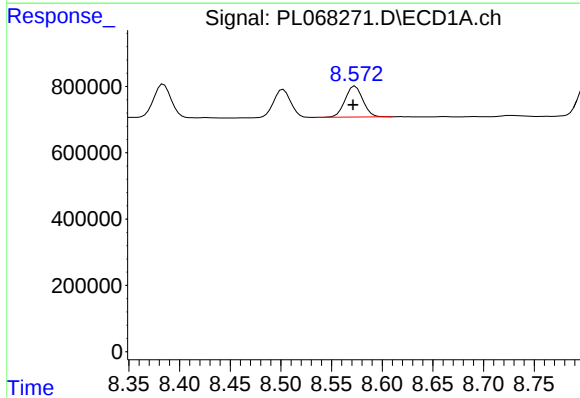
R.T.: 8.502 min
Delta R.T.: 0.002 min
Response: 1003916
Conc: 2.00 ng/ml

Instrument :
ECD_L
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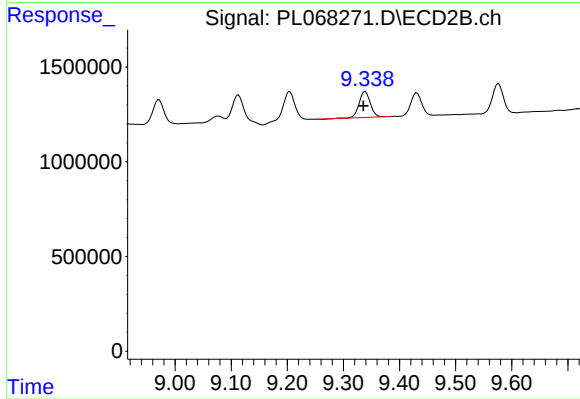
#17 4,4'-DDT

R.T.: 9.431 min
Delta R.T.: 0.004 min
Response: 1617110
Conc: 1.71 ng/ml



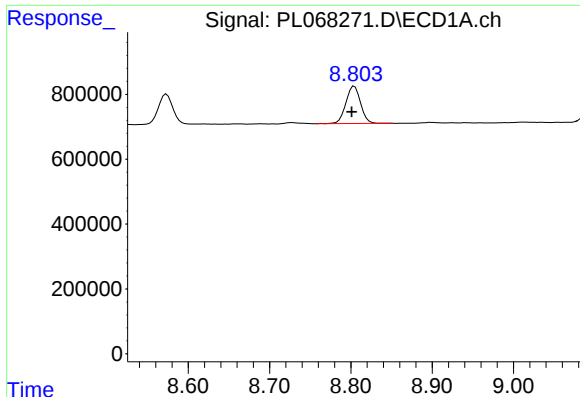
#18 Endrin aldehyde

R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 1141930
Conc: 2.88 ng/ml



#18 Endrin aldehyde

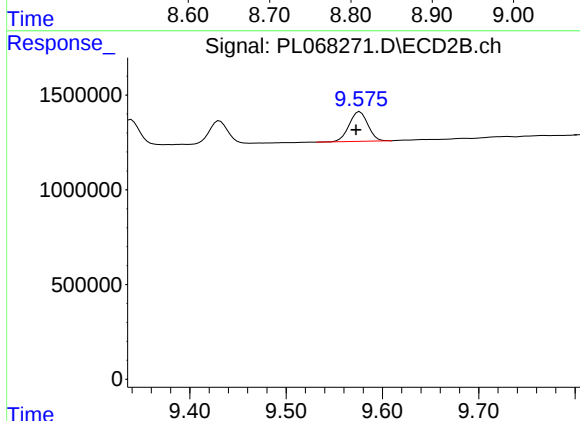
R.T.: 9.339 min
Delta R.T.: 0.004 min
Response: 1886907
Conc: 2.62 ng/ml



#19 Endosulfan Sulfate

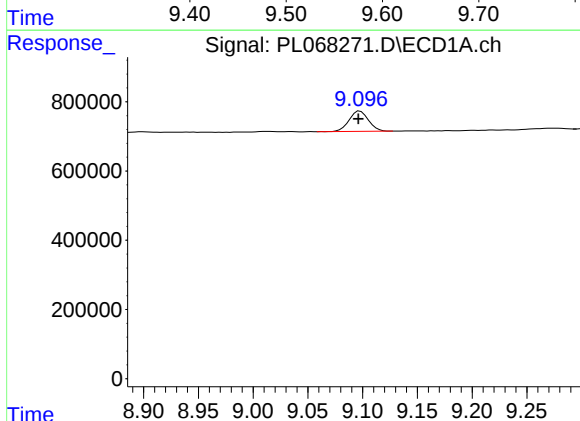
R.T.: 8.804 min
Delta R.T.: 0.003 min
Response: 1434232
Conc: 2.73 ng/ml

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



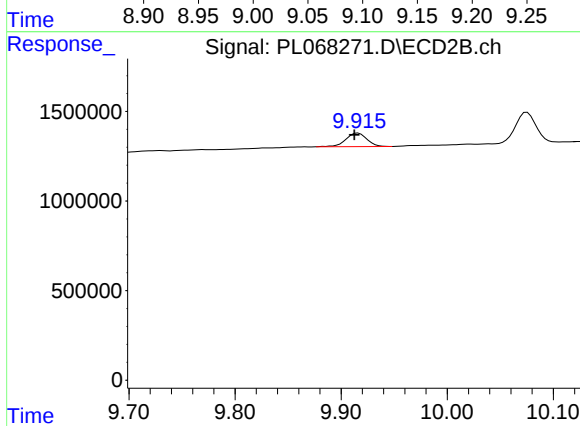
#19 Endosulfan Sulfate

R.T.: 9.577 min
Delta R.T.: 0.004 min
Response: 2112886
Conc: 2.35 ng/ml



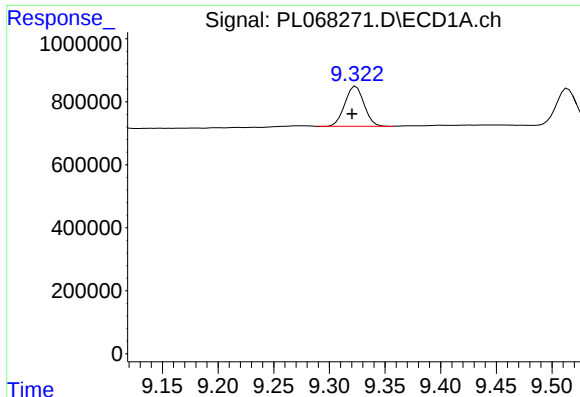
#20 Methoxychlor

R.T.: 9.098 min
Delta R.T.: 0.001 min
Response: 719216
Conc: 2.30 ng/ml



#20 Methoxychlor

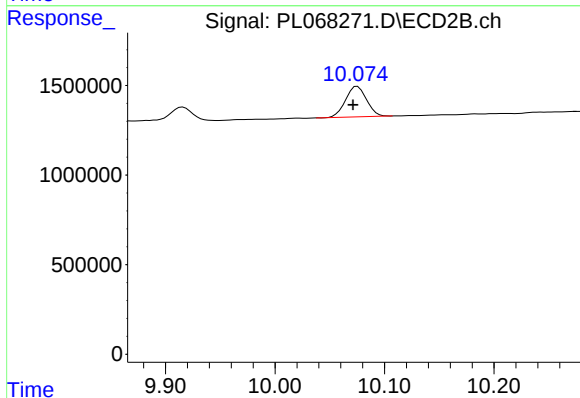
R.T.: 9.916 min
Delta R.T.: 0.003 min
Response: 1038031
Conc: 2.04 ng/ml



#21 Endrin ketone

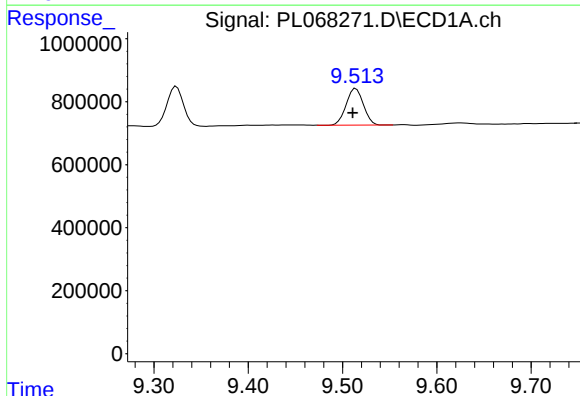
R.T.: 9.324 min
Delta R.T.: 0.003 min
Response: 1516729
Conc: 2.56 ng/ml

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



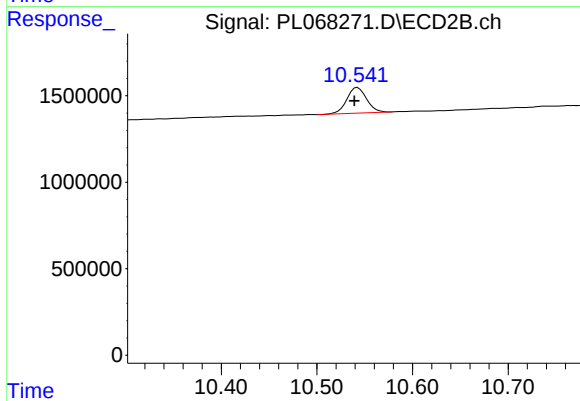
#21 Endrin ketone

R.T.: 10.075 min
Delta R.T.: 0.004 min
Response: 2264259
Conc: 2.27 ng/ml



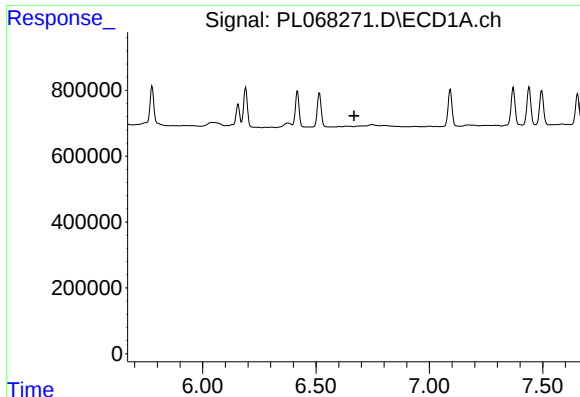
#22 Mirex

R.T.: 9.514 min
Delta R.T.: 0.004 min
Response: 1478021
Conc: 2.99 ng/ml



#22 Mirex

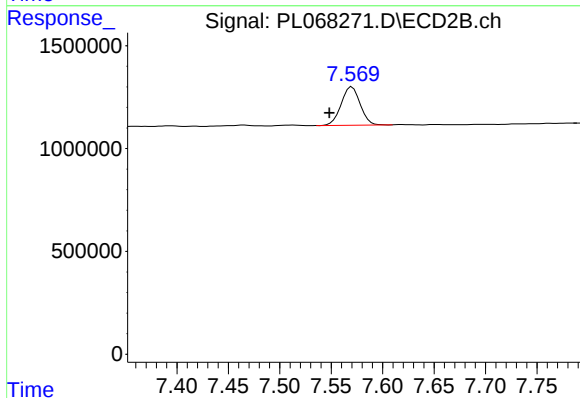
R.T.: 10.543 min
Delta R.T.: 0.003 min
Response: 2155180
Conc: 2.79 ng/ml



#24 Chlordane-2

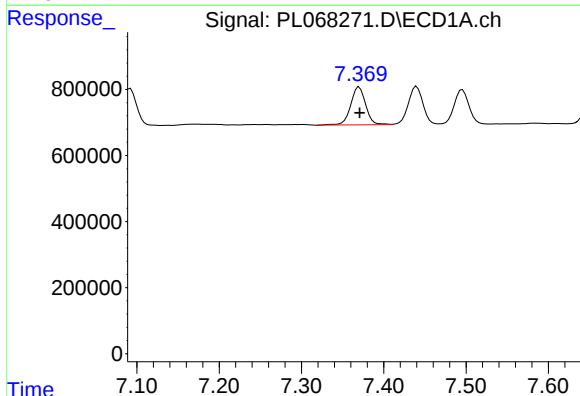
R.T.: 0.000 min
Exp R.T.: 6.668 min
Response: 0
Conc: N.D.

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



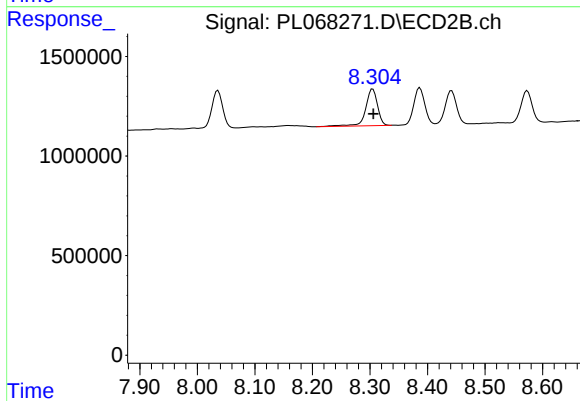
#24 Chlordane-2

R.T.: 7.570 min
Delta R.T.: 0.022 min
Response: 2395655
Conc: 57.58 ng/ml



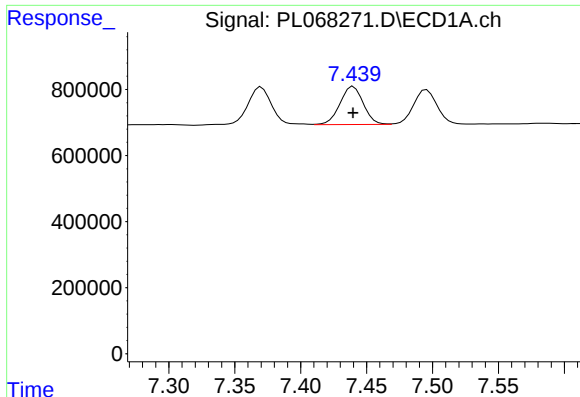
#25 Chlordane-3

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 1459548
Conc: 27.10 ng/ml



#25 Chlordane-3

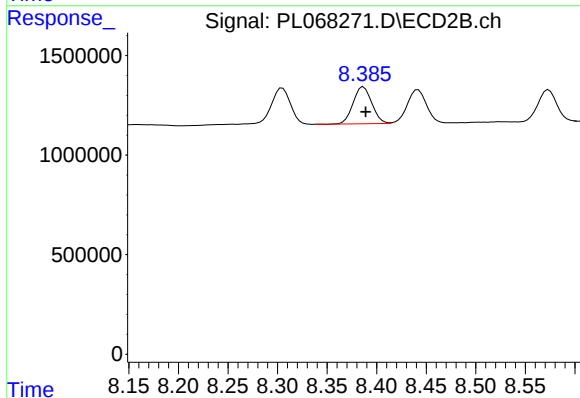
R.T.: 8.305 min
Delta R.T.: -0.001 min
Response: 2646174
Conc: 17.09 ng/ml



#26 Chlordane-4

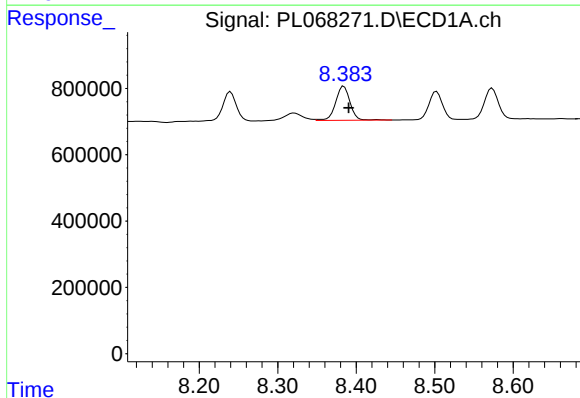
R.T.: 7.440 min
Delta R.T.: 0.000 min
Response: 1425361
Conc: 25.25 ng/ml

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



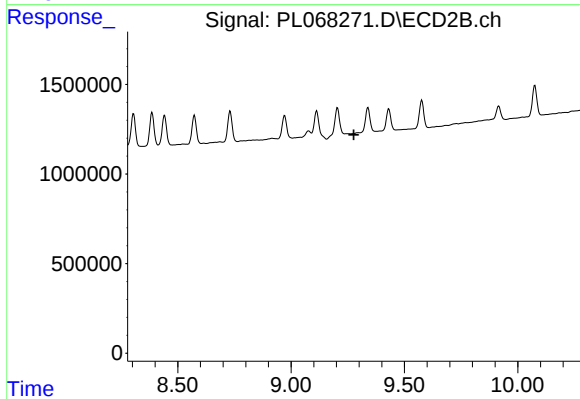
#26 Chlordane-4

R.T.: 8.387 min
Delta R.T.: -0.002 min
Response: 2443406
Conc: 13.03 ng/ml



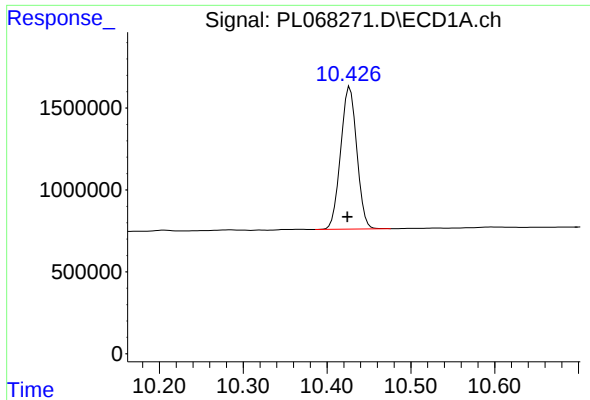
#27 Chlordane-5

R.T.: 8.384 min
Delta R.T.: -0.006 min
Response: 1320064
Conc: 65.59 ng/ml



#27 Chlordane-5

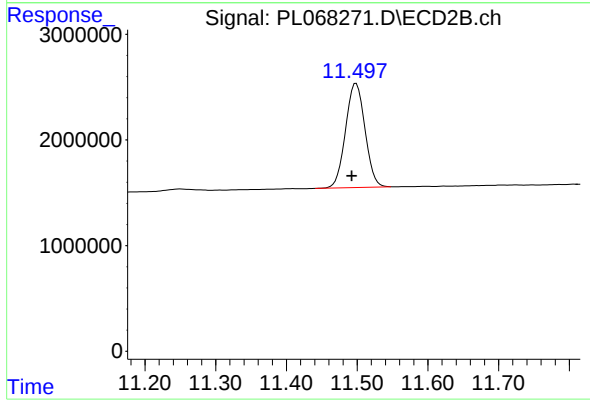
R.T.: 0.000 min
Exp R.T.: 9.277 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: 0.003 min
Response: 11639817
Conc: 20.70 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 11.499 min
Delta R.T.: 0.006 min
Response: 18856709
Conc: 21.14 ng/ml