

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072021\
 Data File : PL068274.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2021 14:01
 Operator : AR\AJ
 Sample : M2940-07
 Misc : LOD 2.5 PPM
 ALS Vial : 9 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 05:47:11 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	8654400	20712563	20.165	20.298
28)	SA Decachlor...	10.427	11.499	11919503	19294871	21.193	21.631
Target Compounds							
2)	A alpha-BHC	5.353	6.153	1248130	2685270	2.132	1.975
3)	MA gamma-BHC...	5.777	6.549	1331503	2679686	2.342	2.077
4)	MA Heptachlor	6.189	7.199	1390067	2830090	2.281	2.171
5)	MB Aldrin	6.515	7.571	1259468	2497247	2.241	2.105
6)	B beta-BHC	6.156	6.802	797246	2174868	2.725	3.079
7)	B delta-BHC	6.417	7.069	1111396	2417154	1.989	1.973
8)	B Heptachlo...	7.092	8.037	1409801	2564130	2.538	2.268
9)	A Endosulfan I	7.496	8.443	1318158	2415320	2.495	2.346
10)	B gamma-Chl...	7.371	8.306	1503803	2766186	2.621	2.456
11)	B alpha-Chl...	7.440	8.387	1462386	2610269	2.546	2.321
12)	B 4,4'-DDE	7.653	8.573	1150514	2164106	2.283	2.100
13)	MA Dieldrin	7.783	8.732	1294825	2441292	2.405	2.302
14)	MA Endrin	8.074	8.972	1123578	1818563	2.247	2.034
15)	B Endosulfa...	8.384	9.205	1289876	2467207	2.613	2.722
16)	A 4,4'-DDD	8.240	9.113	1065855	1795982	2.386	2.109
17)	MA 4,4'-DDT	8.502	9.431	1063908	1752815	2.121	1.857
18)	B Endrin al...	8.573	9.339	1181282	1840705	2.982	2.554
19)	B Endosulfa...	8.804	9.577	1452336	2224681	2.764	2.471
20)	A Methoxychlor	9.098	9.916	748109	1090625	2.392	2.147
21)	B Endrin ke...	9.324	10.075	1536600	2499431	2.595	2.506
22)	Mirex	9.514	10.543	1541089	2271833	3.121	2.937
24)	Chlordane-2	0.000	7.571f	0	2497247	N.D.	60.023 #
25)	Chlordane-3	7.371	8.306	1503803	2766186	27.924	17.861 #
26)	Chlordane-4	7.440	8.387	1462386	2610269	25.901	13.923 #
27)	Chlordane-5	8.384	0.000	1289876	0	64.089	N.D. #

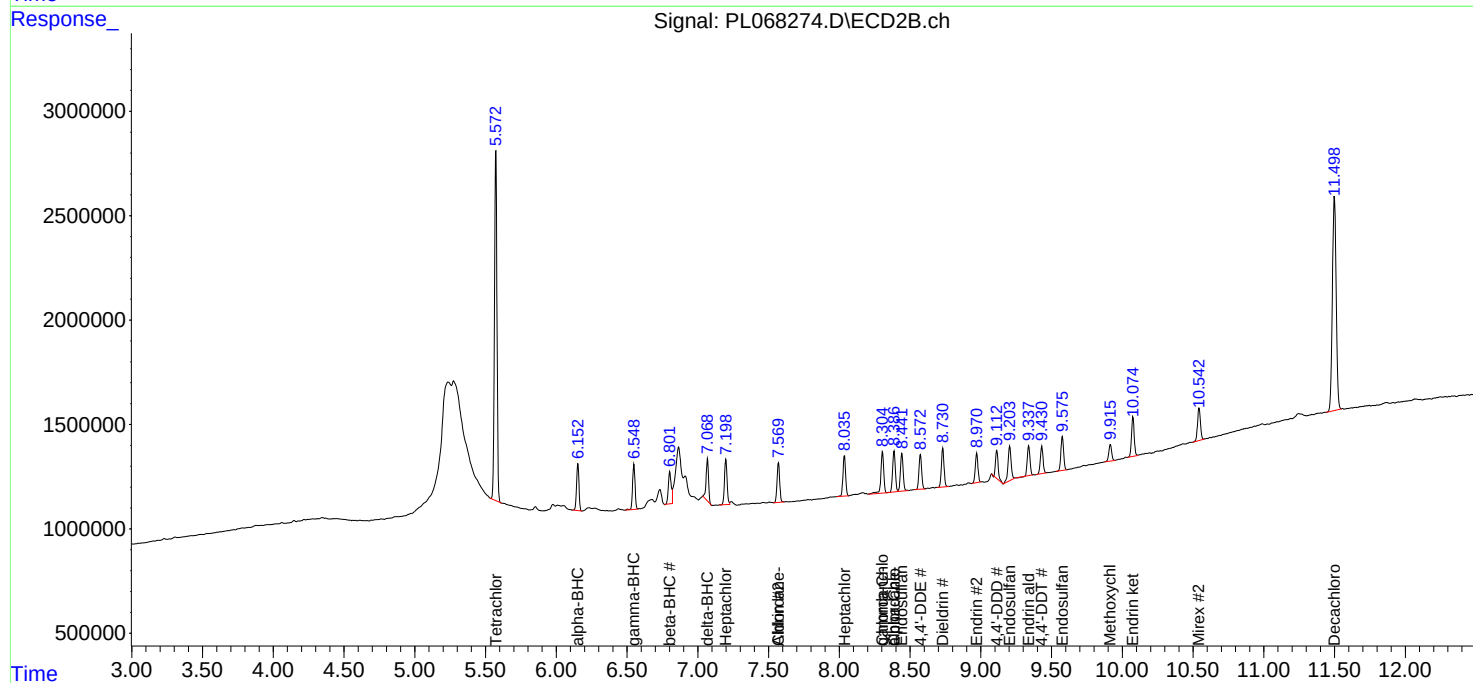
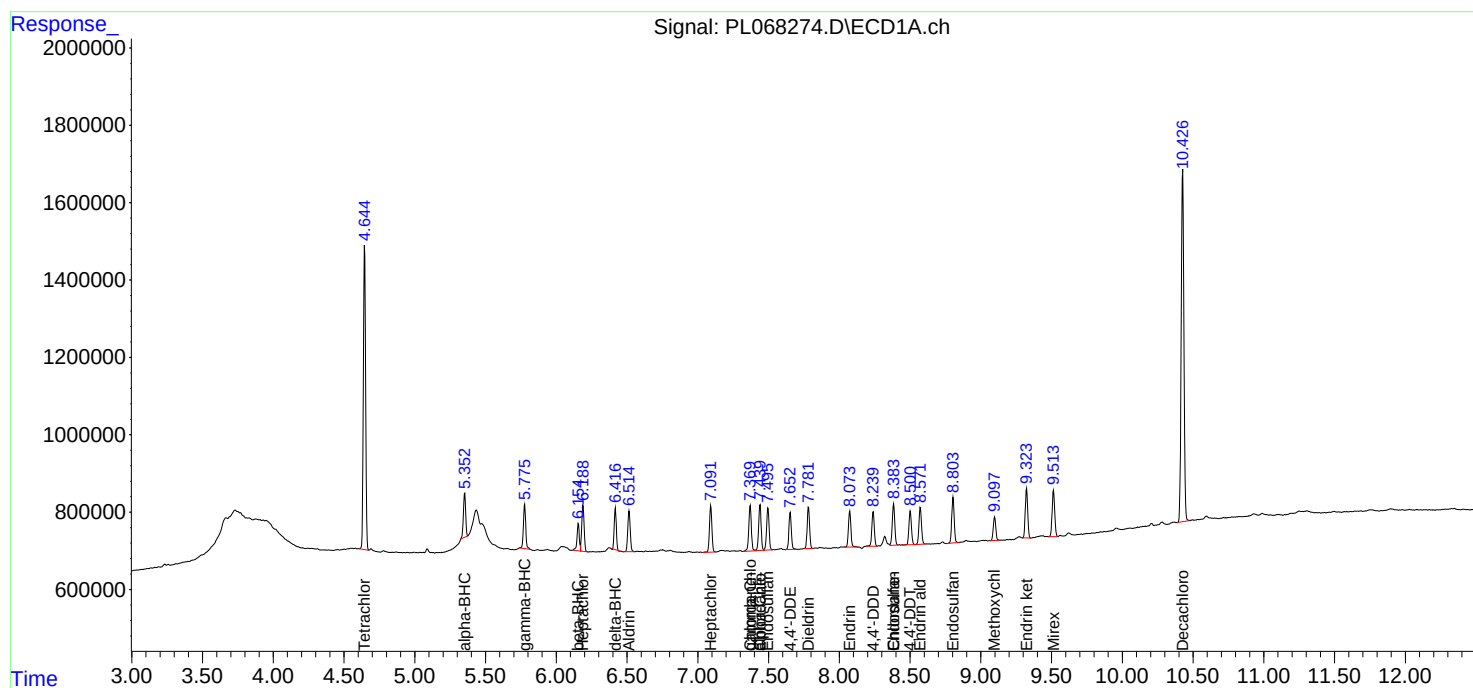
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

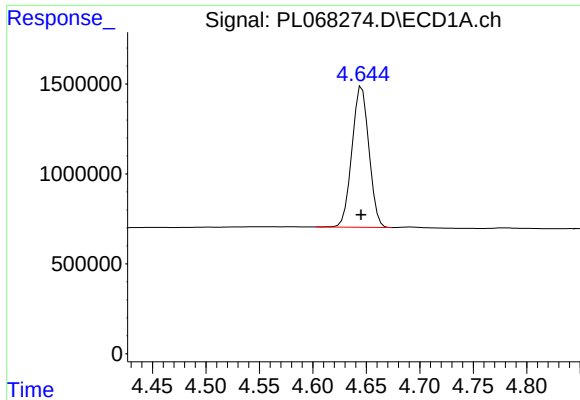
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072021\
 Data File : PL068274.D
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

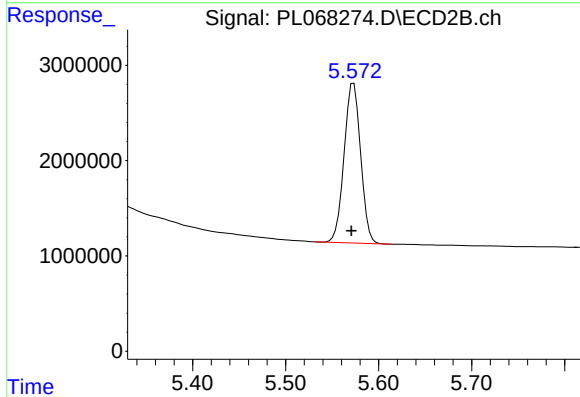




#1 Tetrachloro-m-xylene

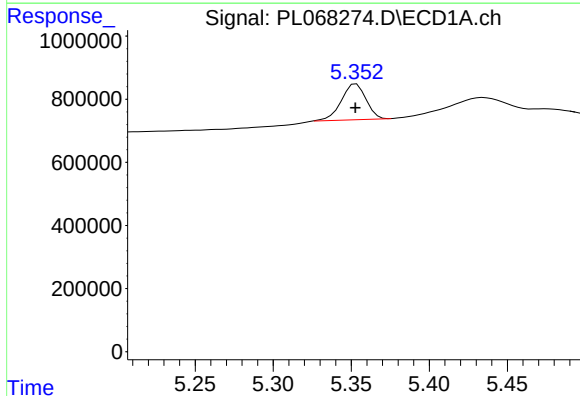
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 8654400
Conc: 20.16 ng/ml

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



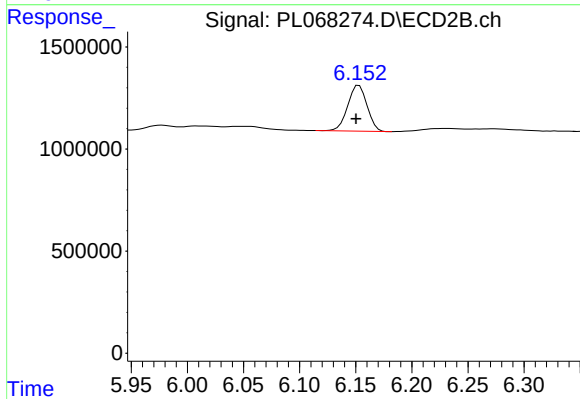
#1 Tetrachloro-m-xylene

R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 20712563
Conc: 20.30 ng/ml



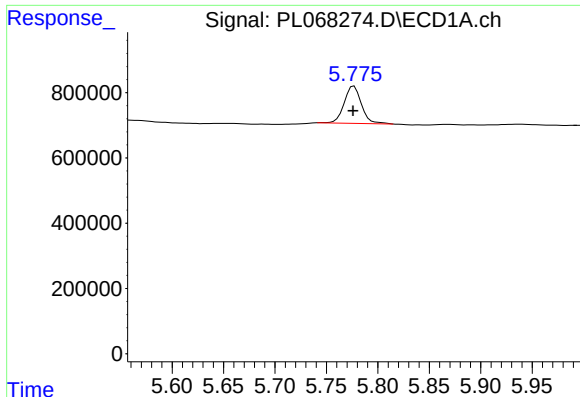
#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 1248130
Conc: 2.13 ng/ml



#2 alpha-BHC

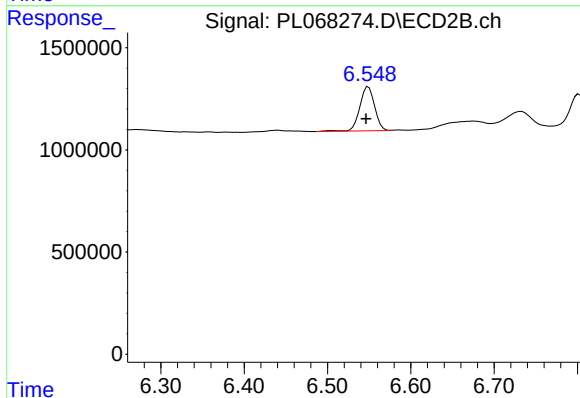
R.T.: 6.153 min
Delta R.T.: 0.003 min
Response: 2685270
Conc: 1.98 ng/ml



#3 gamma-BHC (Lindane)

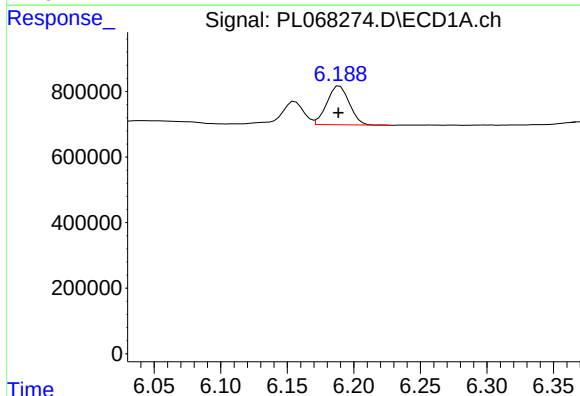
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 1331503
Conc: 2.34 ng/ml

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



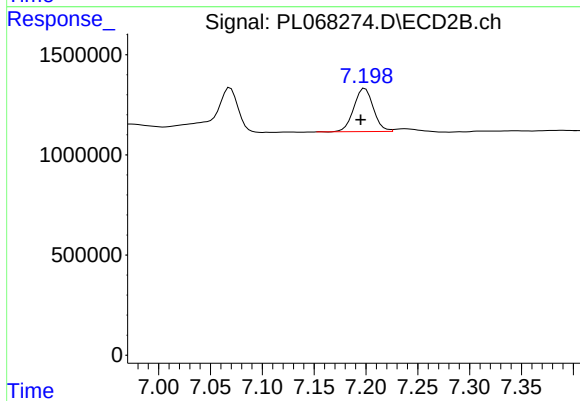
#3 gamma-BHC (Lindane)

R.T.: 6.549 min
Delta R.T.: 0.003 min
Response: 2679686
Conc: 2.08 ng/ml



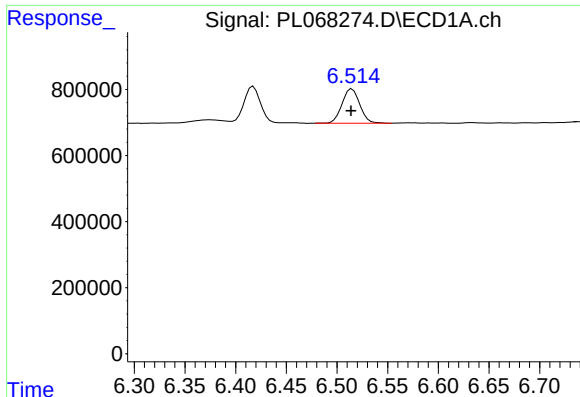
#4 Heptachlor

R.T.: 6.189 min
Delta R.T.: 0.001 min
Response: 1390067
Conc: 2.28 ng/ml



#4 Heptachlor

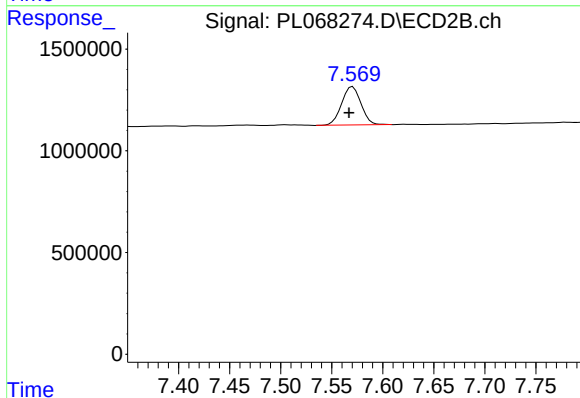
R.T.: 7.199 min
Delta R.T.: 0.004 min
Response: 2830090
Conc: 2.17 ng/ml



#5 Aldrin

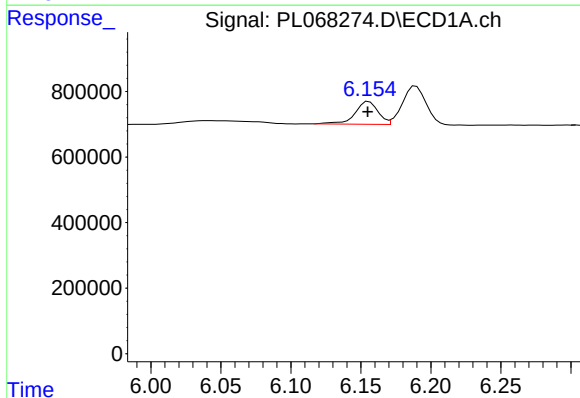
R.T.: 6.515 min
Delta R.T.: 0.001 min
Response: 1259468
Conc: 2.24 ng/ml

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



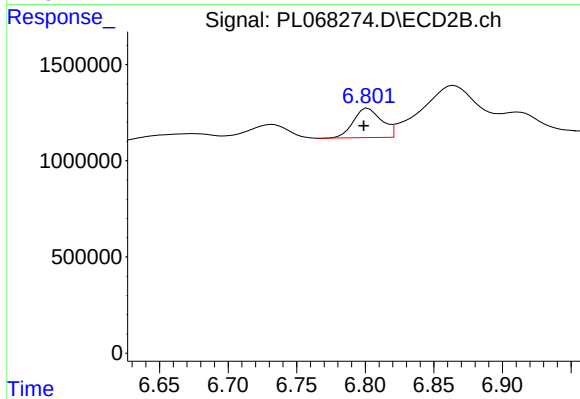
#5 Aldrin

R.T.: 7.571 min
Delta R.T.: 0.004 min
Response: 2497247
Conc: 2.10 ng/ml



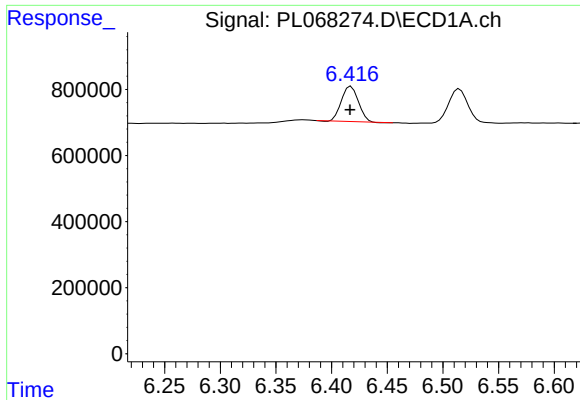
#6 beta-BHC

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 797246
Conc: 2.72 ng/ml



#6 beta-BHC

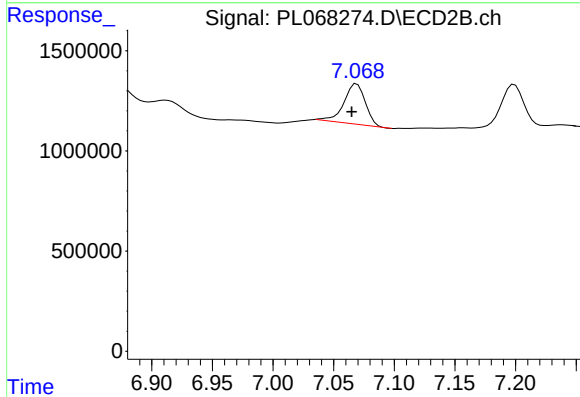
R.T.: 6.802 min
Delta R.T.: 0.003 min
Response: 2174868
Conc: 3.08 ng/ml



#7 delta-BHC

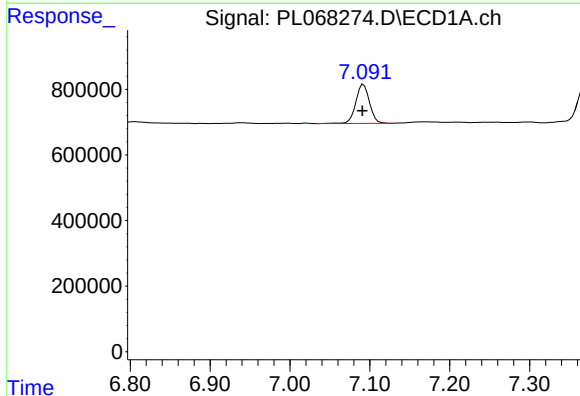
R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 1111396
Conc: 1.99 ng/ml

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



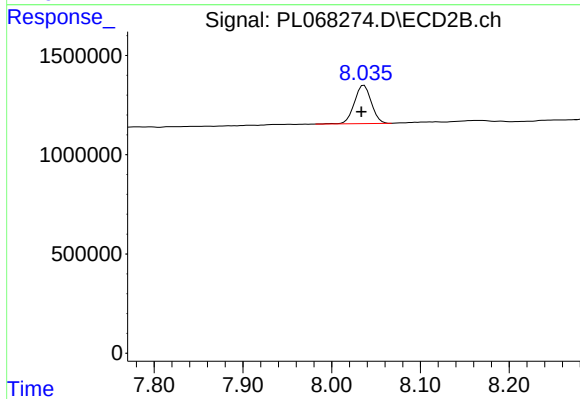
#7 delta-BHC

R.T.: 7.069 min
Delta R.T.: 0.004 min
Response: 2417154
Conc: 1.97 ng/ml



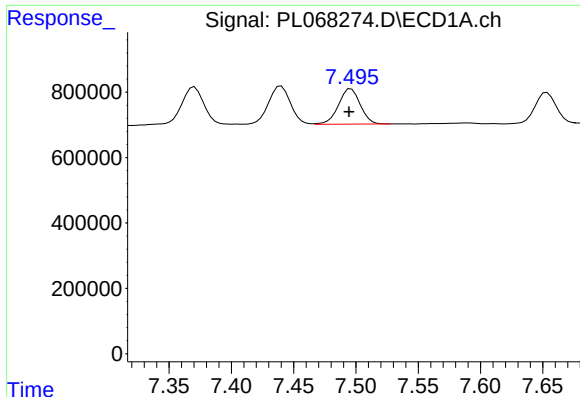
#8 Heptachlor epoxide

R.T.: 7.092 min
Delta R.T.: 0.001 min
Response: 1409801
Conc: 2.54 ng/ml



#8 Heptachlor epoxide

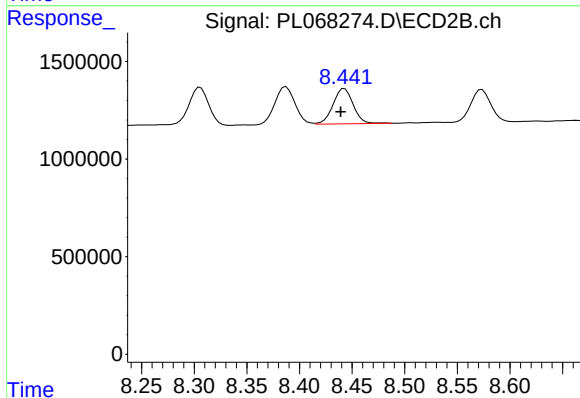
R.T.: 8.037 min
Delta R.T.: 0.003 min
Response: 2564130
Conc: 2.27 ng/ml



#9 Endosulfan I

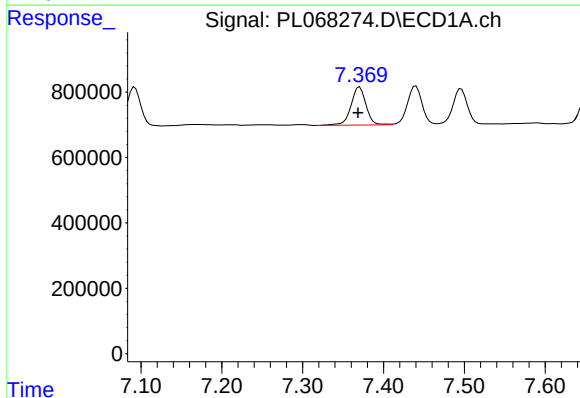
R.T.: 7.496 min
Delta R.T.: 0.002 min
Response: 1318158
Conc: 2.50 ng/ml

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



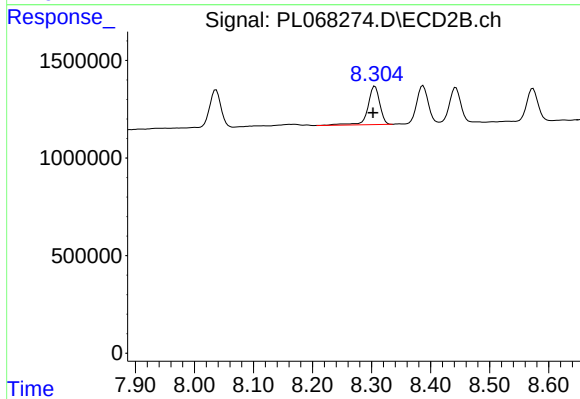
#9 Endosulfan I

R.T.: 8.443 min
Delta R.T.: 0.004 min
Response: 2415320
Conc: 2.35 ng/ml



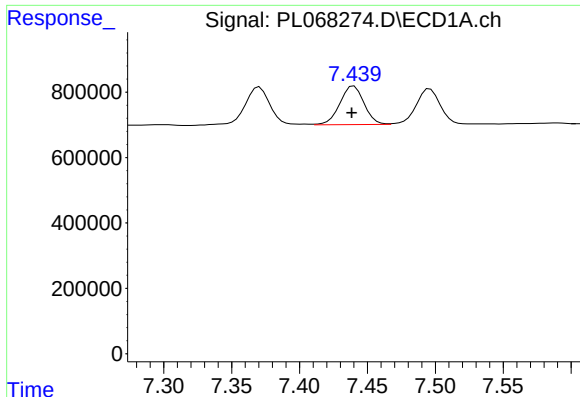
#10 gamma-Chlordane

R.T.: 7.371 min
Delta R.T.: 0.002 min
Response: 1503803
Conc: 2.62 ng/ml



#10 gamma-Chlordane

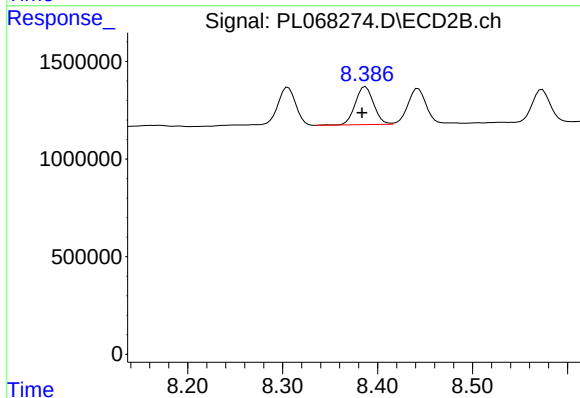
R.T.: 8.306 min
Delta R.T.: 0.003 min
Response: 2766186
Conc: 2.46 ng/ml



#11 alpha-Chlordane

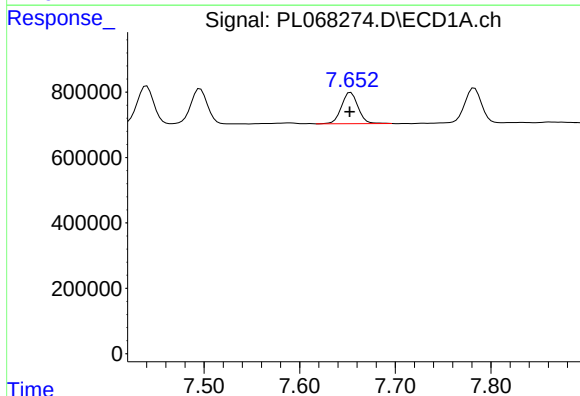
R.T.: 7.440 min
Delta R.T.: 0.002 min
Response: 1462386
Conc: 2.55 ng/ml

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



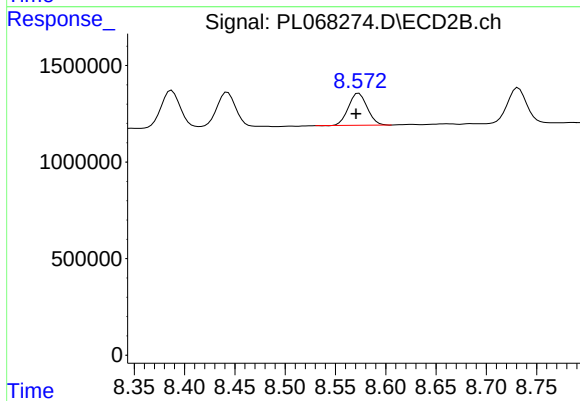
#11 alpha-Chlordane

R.T.: 8.387 min
Delta R.T.: 0.004 min
Response: 2610269
Conc: 2.32 ng/ml



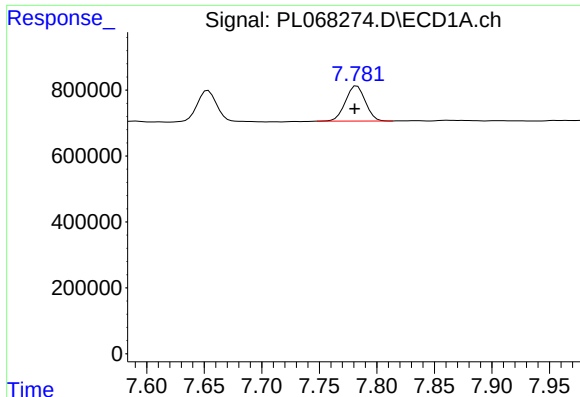
#12 4,4'-DDE

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 1150514
Conc: 2.28 ng/ml



#12 4,4'-DDE

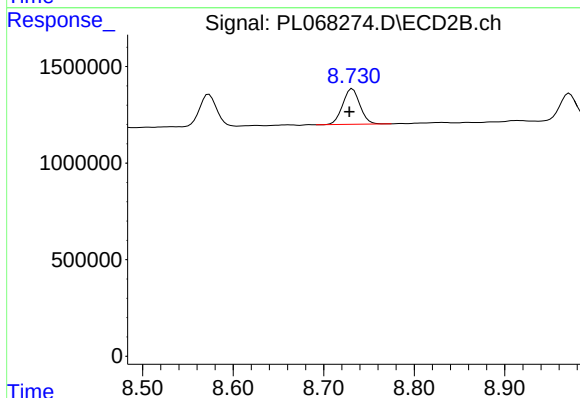
R.T.: 8.573 min
Delta R.T.: 0.003 min
Response: 2164106
Conc: 2.10 ng/ml



#13 Dieldrin

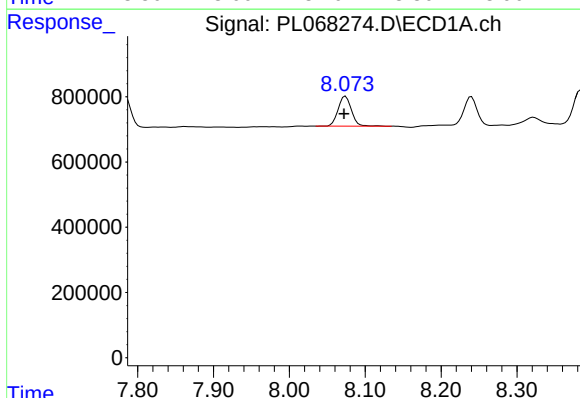
R.T.: 7.783 min
Delta R.T.: 0.002 min
Response: 1294825
Conc: 2.41 ng/ml

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



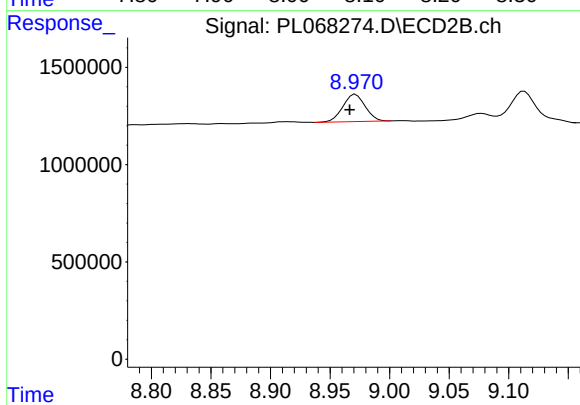
#13 Dieldrin

R.T.: 8.732 min
Delta R.T.: 0.003 min
Response: 2441292
Conc: 2.30 ng/ml



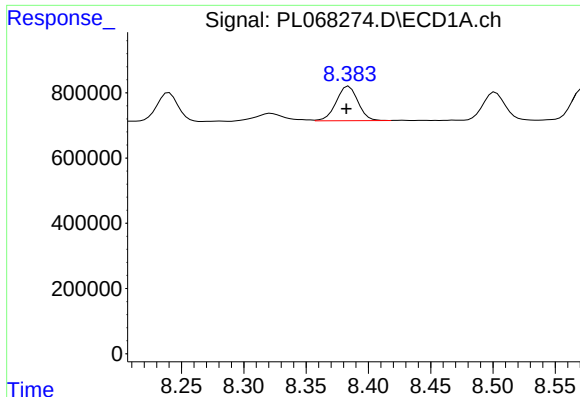
#14 Endrin

R.T.: 8.074 min
Delta R.T.: 0.002 min
Response: 1123578
Conc: 2.25 ng/ml



#14 Endrin

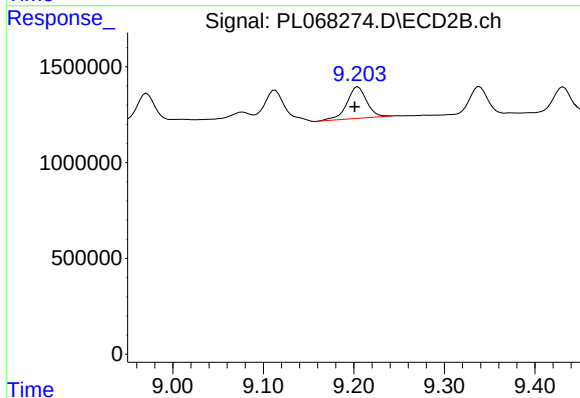
R.T.: 8.972 min
Delta R.T.: 0.005 min
Response: 1818563
Conc: 2.03 ng/ml



#15 Endosulfan II

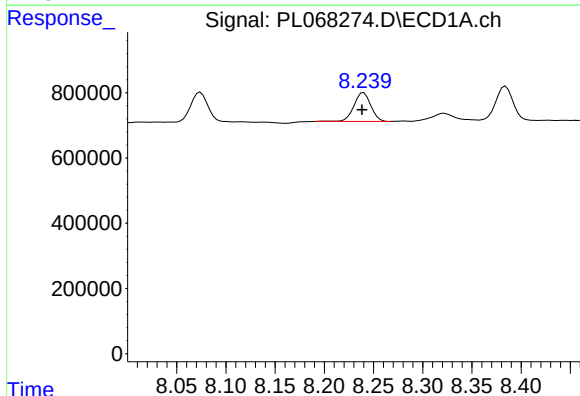
R.T.: 8.384 min
Delta R.T.: 0.002 min
Response: 1289876
Conc: 2.61 ng/ml

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



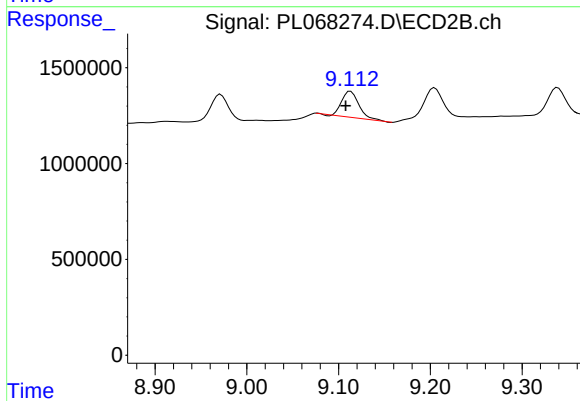
#15 Endosulfan II

R.T.: 9.205 min
Delta R.T.: 0.004 min
Response: 2467207
Conc: 2.72 ng/ml



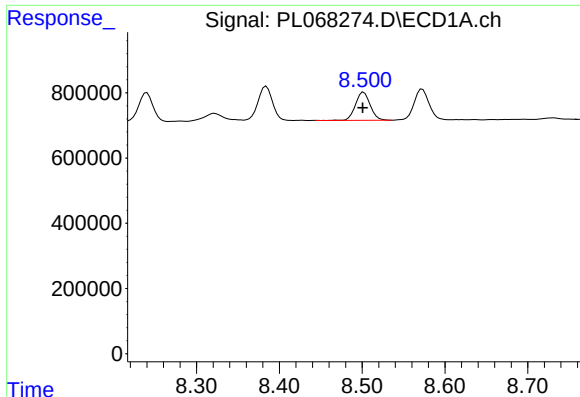
#16 4,4'-DDD

R.T.: 8.240 min
Delta R.T.: 0.002 min
Response: 1065855
Conc: 2.39 ng/ml



#16 4,4'-DDD

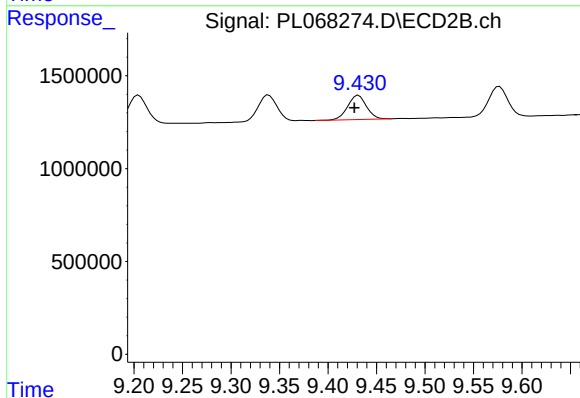
R.T.: 9.113 min
Delta R.T.: 0.005 min
Response: 1795982
Conc: 2.11 ng/ml



#17 4,4'-DDT

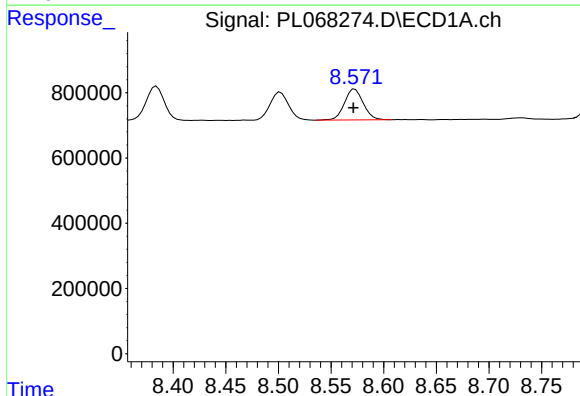
R.T.: 8.502 min
Delta R.T.: 0.001 min
Response: 1063908
Conc: 2.12 ng/ml

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



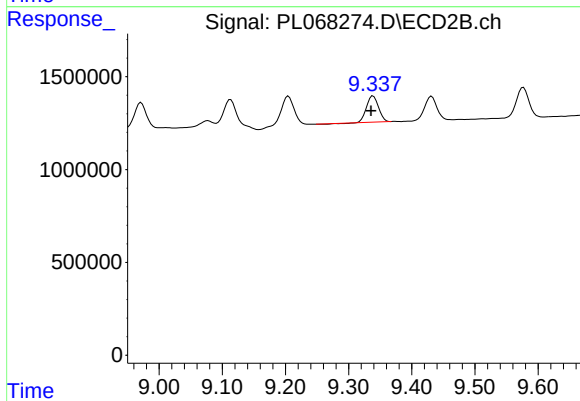
#17 4,4'-DDT

R.T.: 9.431 min
Delta R.T.: 0.004 min
Response: 1752815
Conc: 1.86 ng/ml



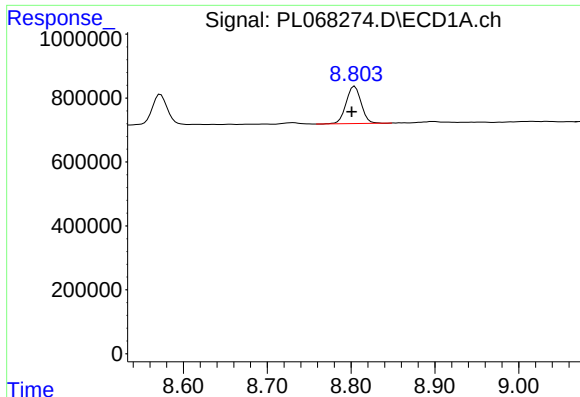
#18 Endrin aldehyde

R.T.: 8.573 min
Delta R.T.: 0.001 min
Response: 1181282
Conc: 2.98 ng/ml



#18 Endrin aldehyde

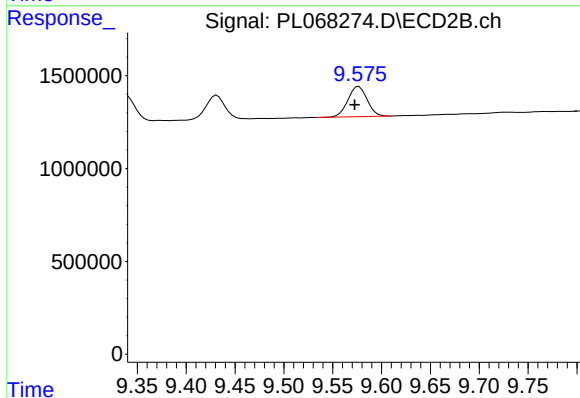
R.T.: 9.339 min
Delta R.T.: 0.003 min
Response: 1840705
Conc: 2.55 ng/ml



#19 Endosulfan Sulfate

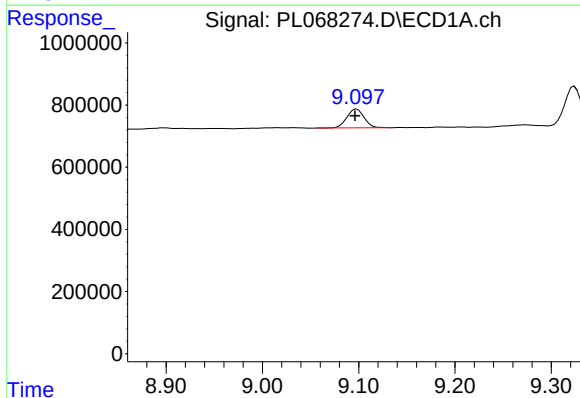
R.T.: 8.804 min
Delta R.T.: 0.004 min
Response: 1452336
Conc: 2.76 ng/ml

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



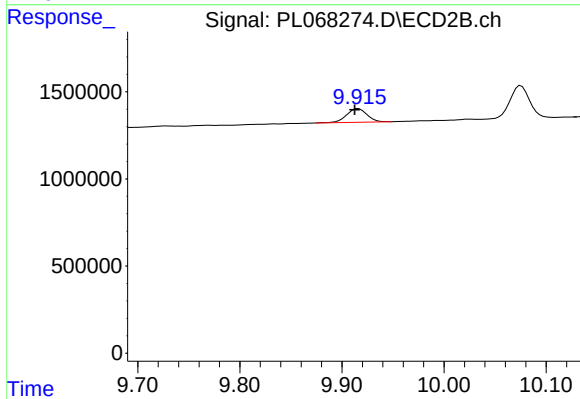
#19 Endosulfan Sulfate

R.T.: 9.577 min
Delta R.T.: 0.004 min
Response: 2224681
Conc: 2.47 ng/ml



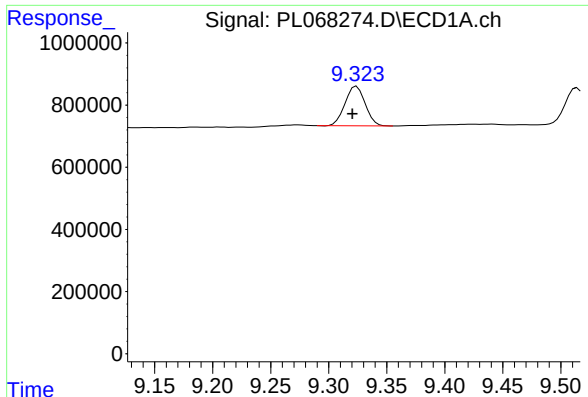
#20 Methoxychlor

R.T.: 9.098 min
Delta R.T.: 0.002 min
Response: 748109
Conc: 2.39 ng/ml



#20 Methoxychlor

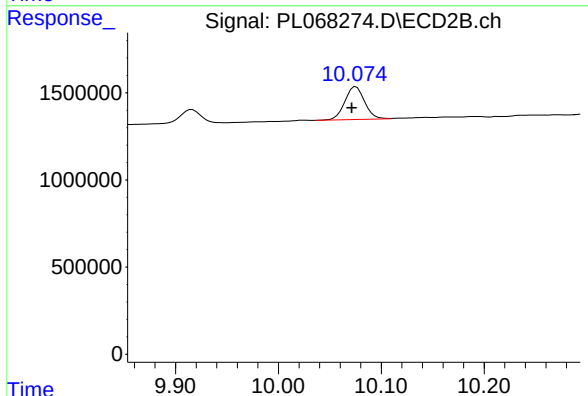
R.T.: 9.916 min
Delta R.T.: 0.004 min
Response: 1090625
Conc: 2.15 ng/ml



#21 Endrin ketone

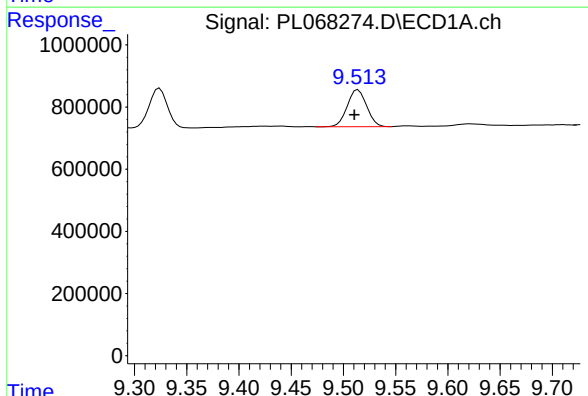
R.T.: 9.324 min
Delta R.T.: 0.004 min
Response: 1536600
Conc: 2.60 ng/ml

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



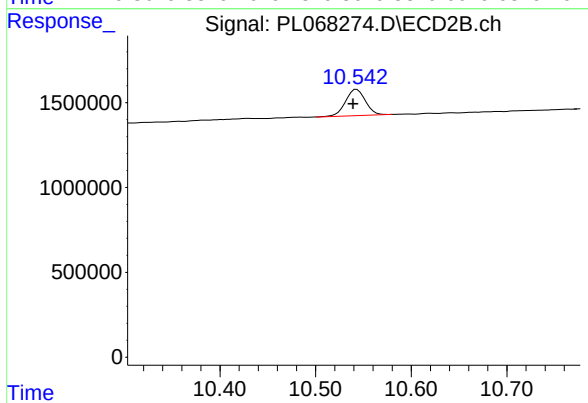
#21 Endrin ketone

R.T.: 10.075 min
Delta R.T.: 0.004 min
Response: 2499431
Conc: 2.51 ng/ml



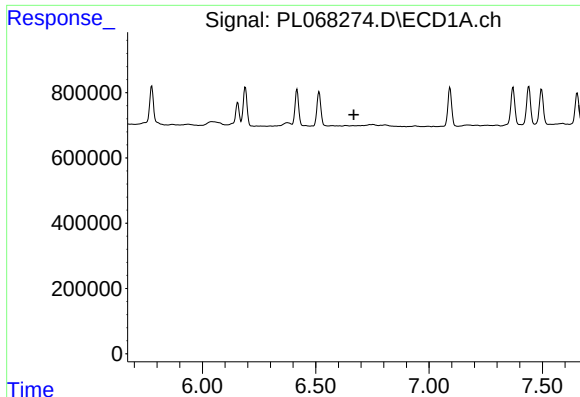
#22 Mirex

R.T.: 9.514 min
Delta R.T.: 0.003 min
Response: 1541089
Conc: 3.12 ng/ml



#22 Mirex

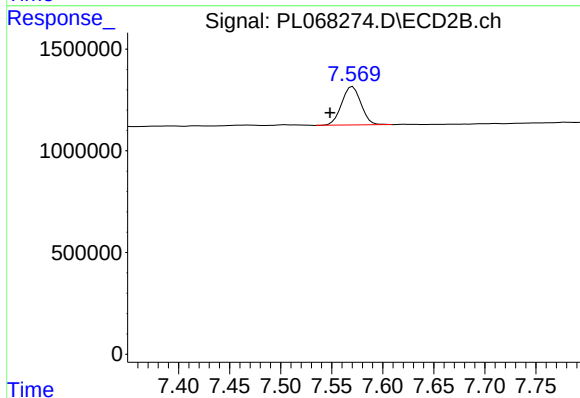
R.T.: 10.543 min
Delta R.T.: 0.004 min
Response: 2271833
Conc: 2.94 ng/ml



#24 Chlordane-2

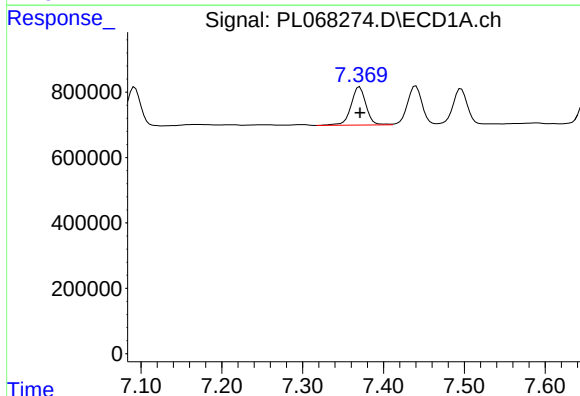
R.T.: 0.000 min
Exp R.T.: 6.668 min
Response: 0
Conc: N.D.

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



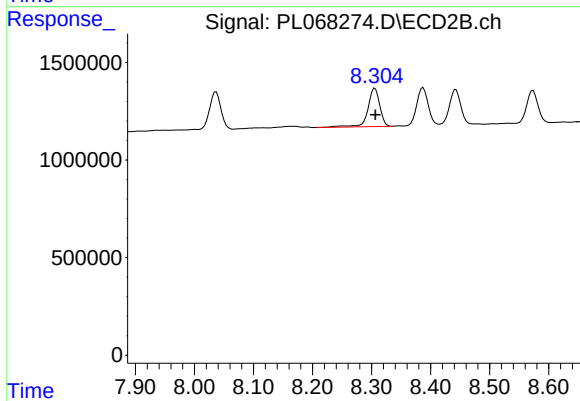
#24 Chlordane-2

R.T.: 7.571 min
Delta R.T.: 0.022 min
Response: 2497247
Conc: 60.02 ng/ml



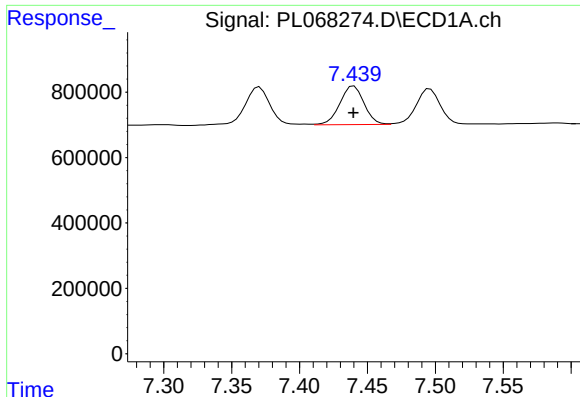
#25 Chlordane-3

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 1503803
Conc: 27.92 ng/ml



#25 Chlordane-3

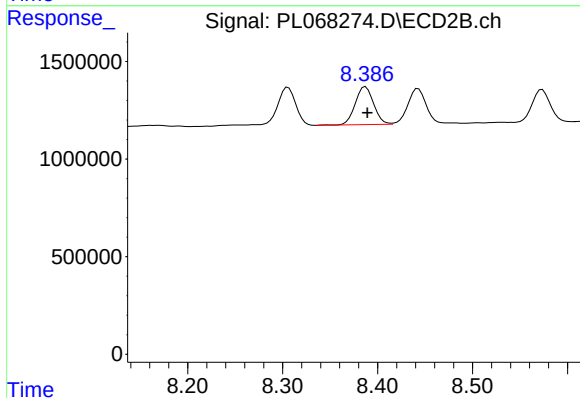
R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 2766186
Conc: 17.86 ng/ml



#26 Chlordane-4

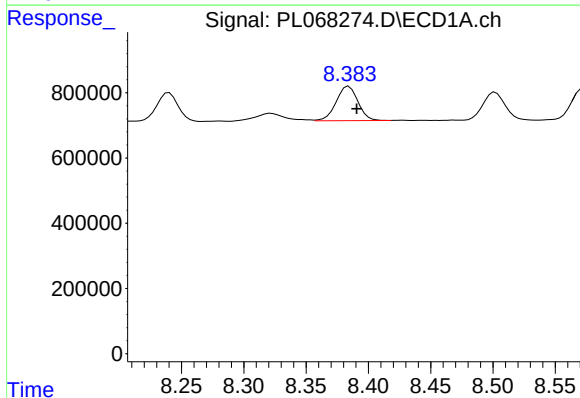
R.T.: 7.440 min
Delta R.T.: 0.000 min
Response: 1462386
Conc: 25.90 ng/ml

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



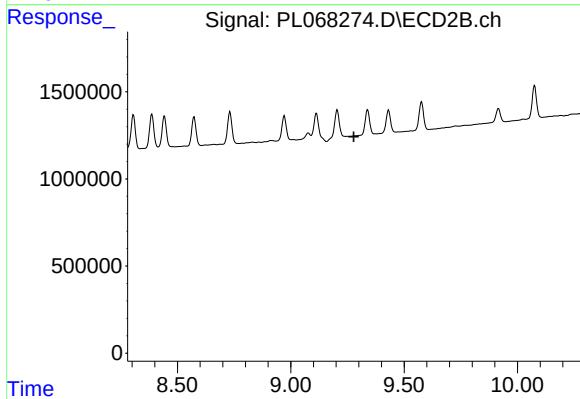
#26 Chlordane-4

R.T.: 8.387 min
Delta R.T.: -0.002 min
Response: 2610269
Conc: 13.92 ng/ml



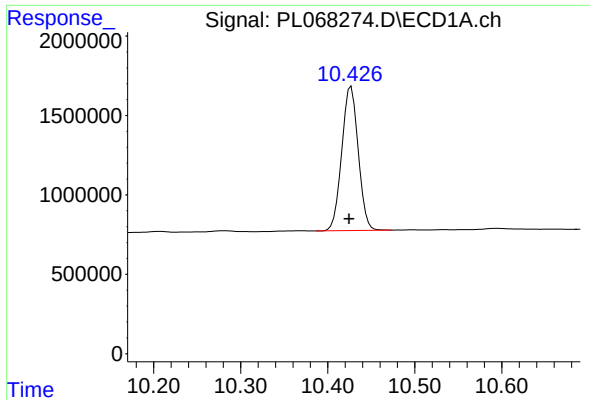
#27 Chlordane-5

R.T.: 8.384 min
Delta R.T.: -0.006 min
Response: 1289876
Conc: 64.09 ng/ml



#27 Chlordane-5

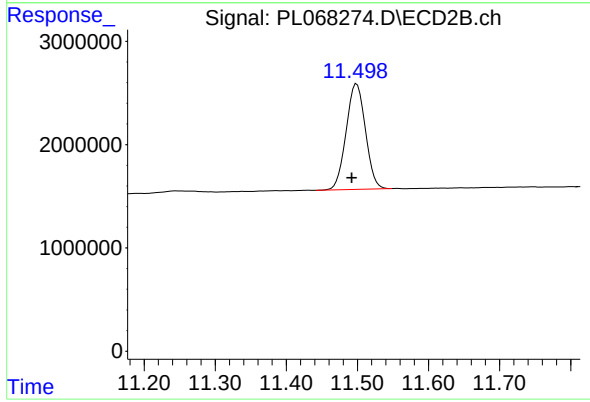
R.T.: 0.000 min
Exp R.T.: 9.277 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: 0.003 min
Response: 11919503
Conc: 21.19 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 11.499 min
Delta R.T.: 0.007 min
Response: 19294871
Conc: 21.63 ng/ml