

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111521\
 Data File : PL070986.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2021 10:58
 Operator : AR\AJ
 Sample : M4068-09
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 05:19:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 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...	4.568	5.502	9801952	24558462	20.012	19.478
2)	SA Decachlor...	10.332	11.395	14236182	25187196	20.835	18.833
Target Compounds							
2)	A alpha-BHC	5.272	6.081	403958	1594296	0.603m	0.866 #
3)	MA gamma-BHC...	5.695	6.477	621122	1620946	0.926m	0.935
4)	MA Heptachlor	6.102	7.123	701971	1568945	0.978m	0.966m
5)	MB Aldrin	6.427	7.495	632383	1401368	0.989	0.863
6)	B beta-BHC	6.077	6.736	363399	1614075	1.119m	1.884 #
7)	B delta-BHC	6.337	6.998	630287	1135106	0.952m	0.679m#
8)	B Heptachlo...	7.005	7.961	671521	1516386	1.033	0.995
9)	A Endosulfan I	7.407	8.366	646834	1428946	1.056	0.993
10)	B gamma-Chl...	7.282	8.231	713660	1487412	1.075	0.961
11)	B alpha-Chl...	7.352	8.311	726766	1521836	1.091	1.001
12)	B 4,4'-DDE	7.567	8.502	589709	1259771	1.012	0.854
13)	MA Dieldrin	7.694	8.655	677337	1417853	1.085	0.973
14)	MA Endrin	7.985	8.895	586889	1086380	1.035	0.938
15)	B Endosulfa...	8.295	9.129	688391	1289031	1.137m	1.055
16)	A 4,4'-DDD	8.153	9.039	515604	1016010	1.015	0.844m
17)	MA 4,4'-DDT	8.414	9.358	528448	1037992	0.961	0.823
18)	B Endrin al...	8.485	9.265	602552	1165981	1.326	1.206
19)	B Endosulfa...	8.716	9.502	768143	1238192	1.245	0.999
20)	A Methoxychlor	9.008	9.844	382353	571081	1.045m	0.844
21)	B Endrin ke...	9.234	9.998	817999	1438549	1.144	1.002
22)	Mirex	9.418	10.463	808700	1449456	1.317	1.392

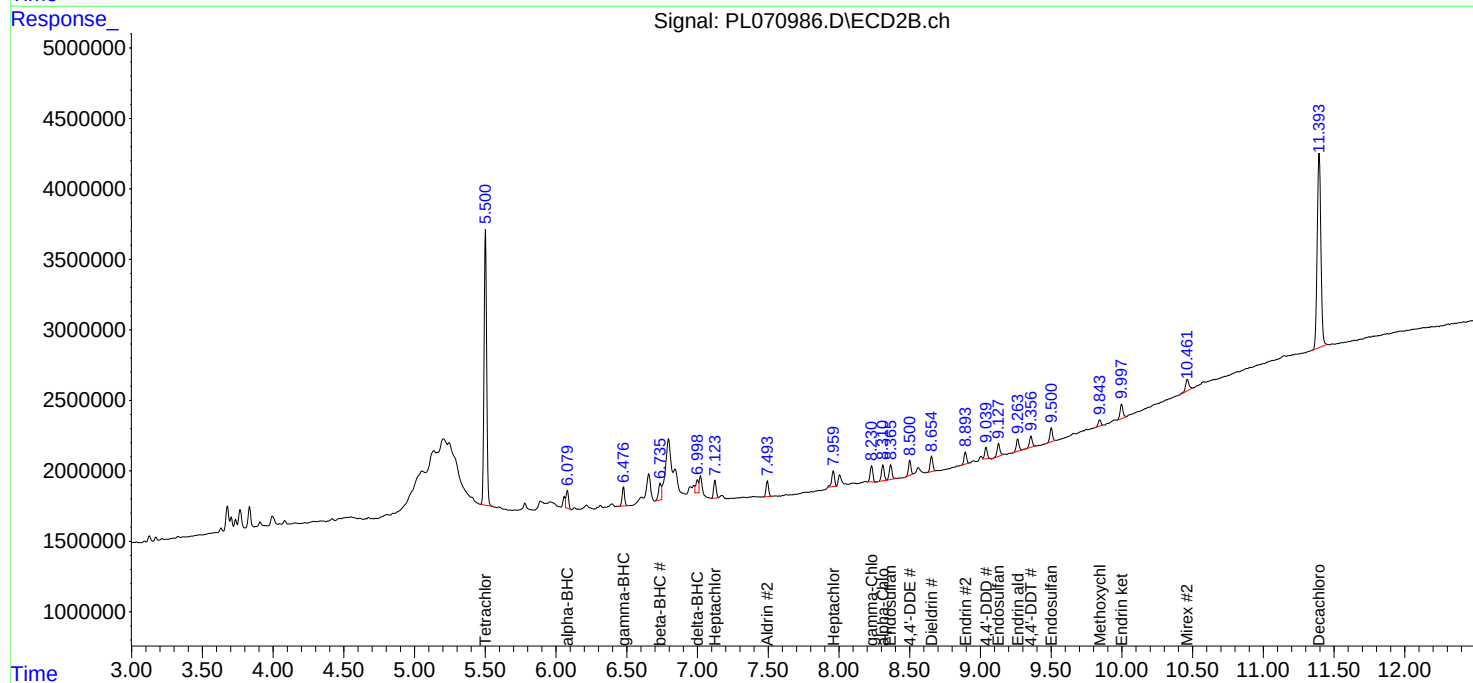
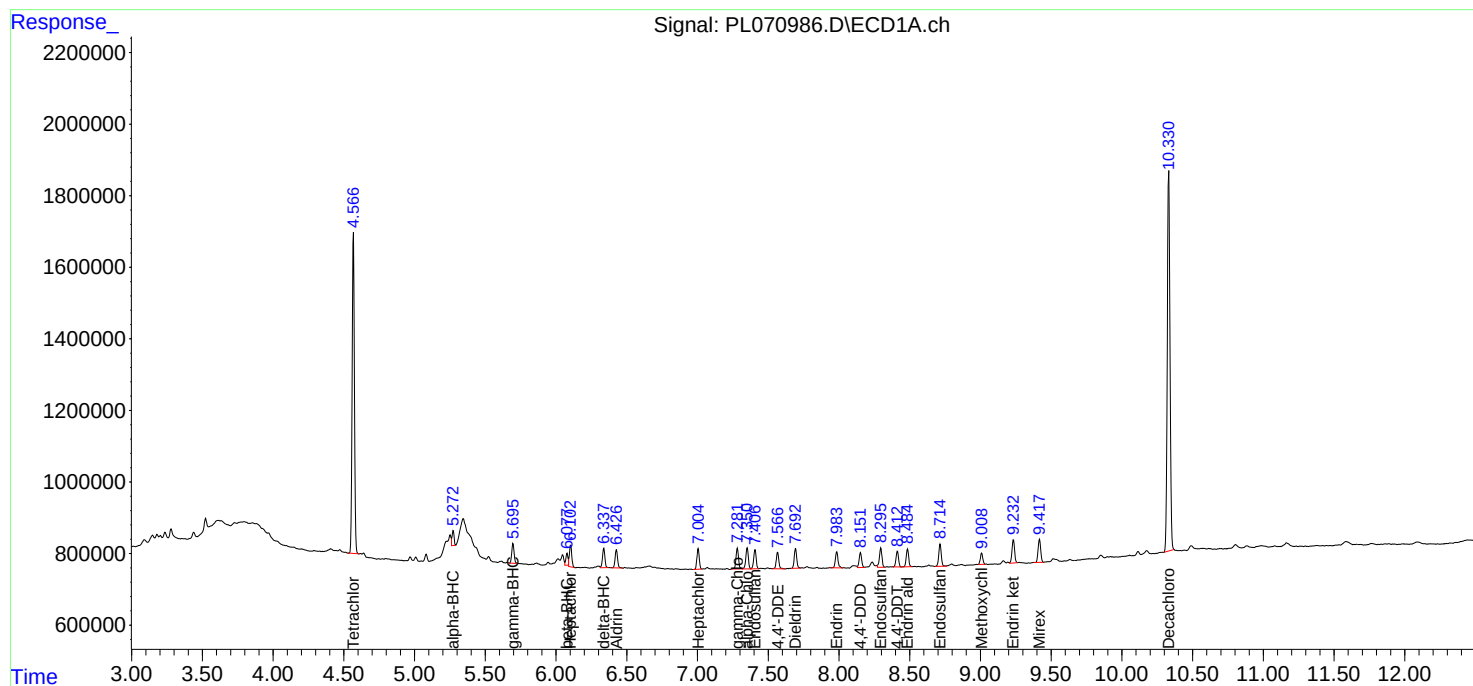
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

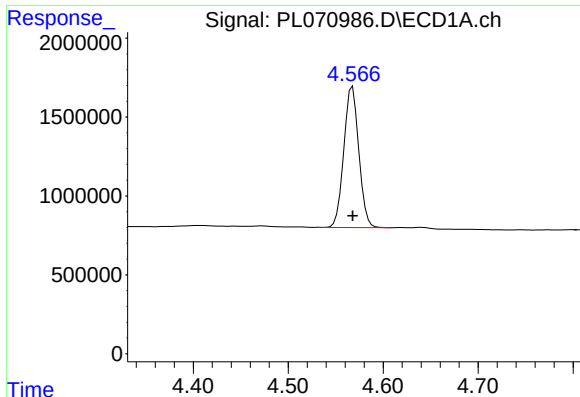
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111521\
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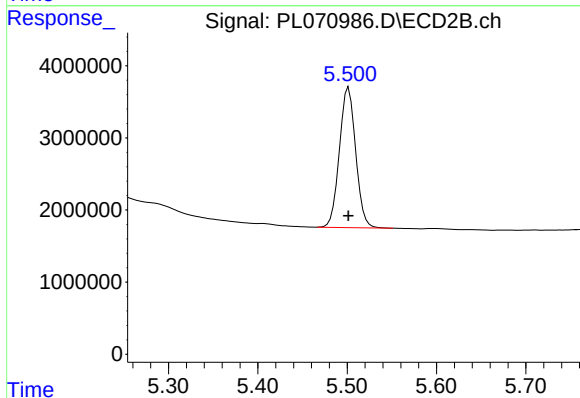




#1 Tetrachloro-m-xylene

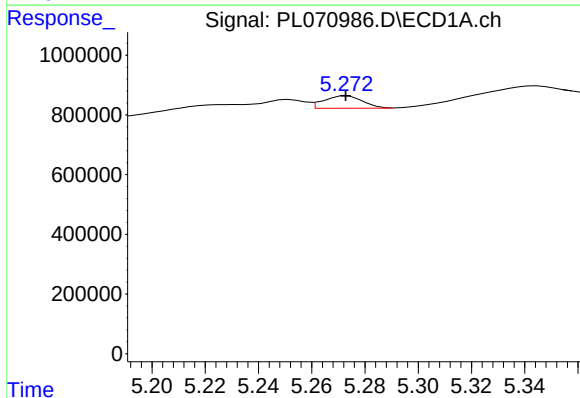
R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 9801952
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2021



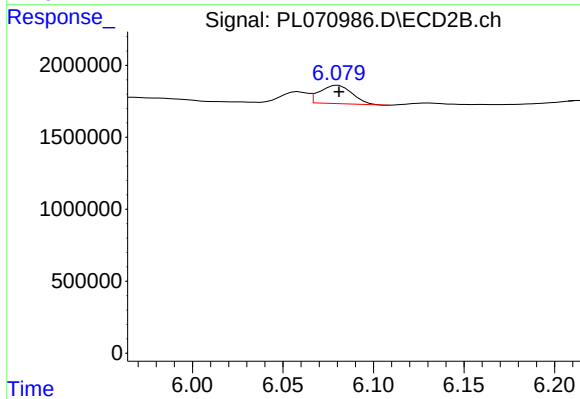
#1 Tetrachloro-m-xylene

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 24558462
Conc: 19.48 ng/ml



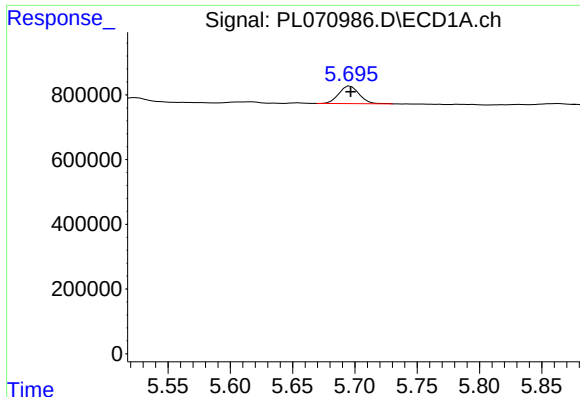
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 403958
Conc: 0.60 ng/ml m



#2 alpha-BHC

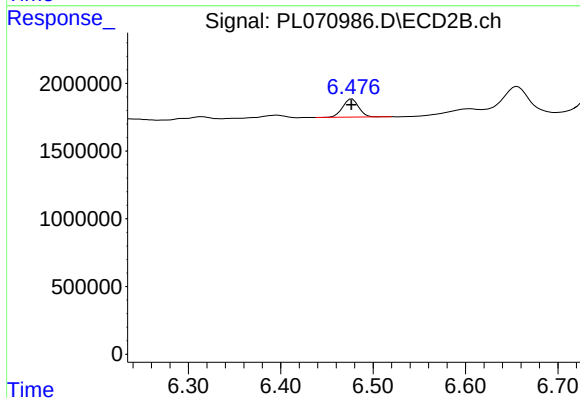
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 1594296
Conc: 0.87 ng/ml



#3 gamma-BHC (Lindane)

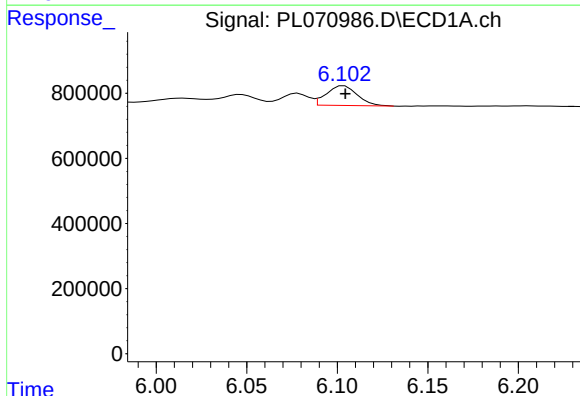
R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 621122
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2021



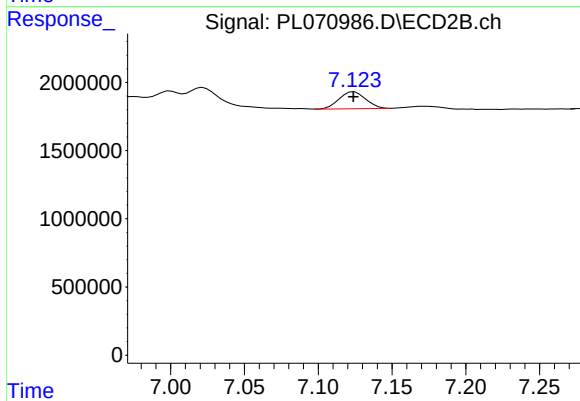
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 1620946
Conc: 0.93 ng/ml



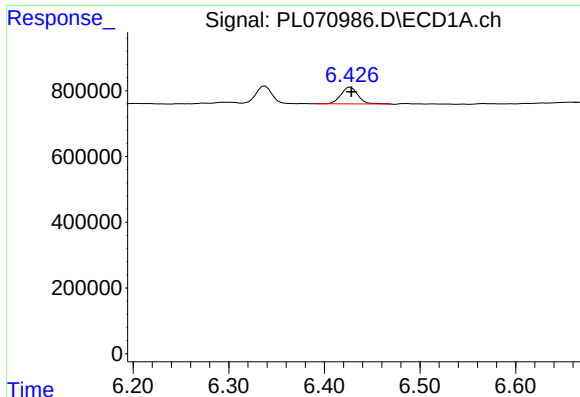
#4 Heptachlor

R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 701971
Conc: 0.98 ng/ml m



#4 Heptachlor

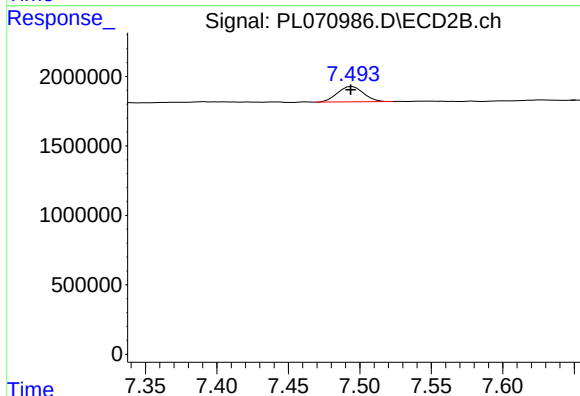
R.T.: 7.123 min
Delta R.T.: 0.000 min
Response: 1568945
Conc: 0.97 ng/ml m



#5 Aldrin

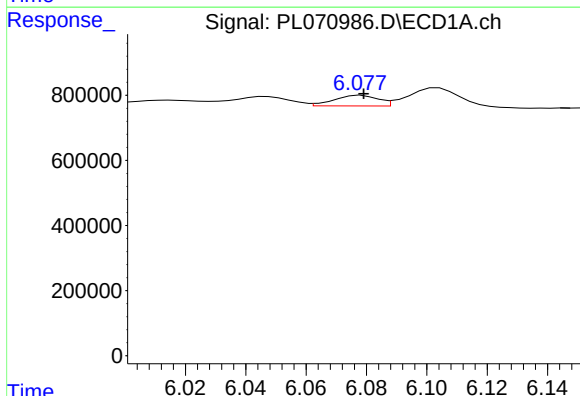
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 632383
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2021



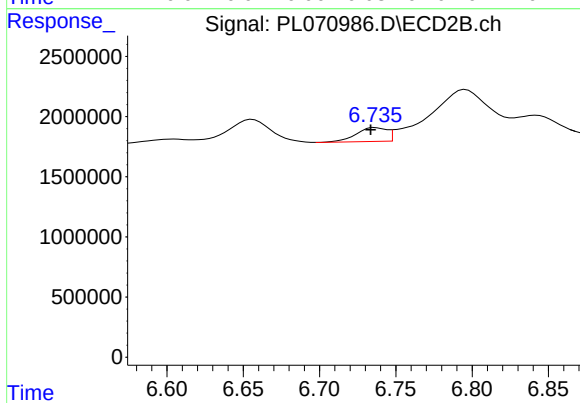
#5 Aldrin

R.T.: 7.495 min
Delta R.T.: 0.001 min
Response: 1401368
Conc: 0.86 ng/ml



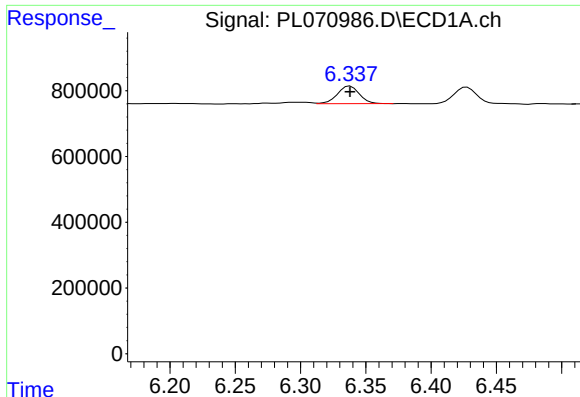
#6 beta-BHC

R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 363399
Conc: 1.12 ng/ml m



#6 beta-BHC

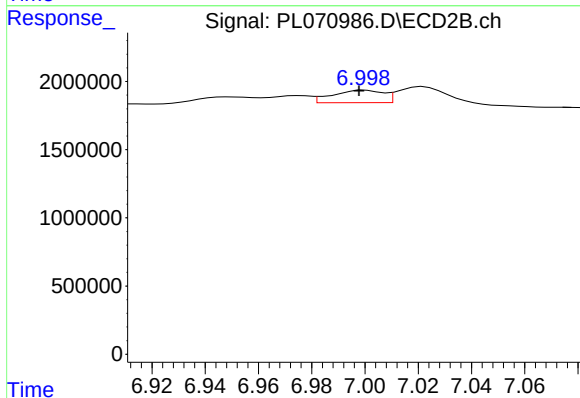
R.T.: 6.736 min
Delta R.T.: 0.003 min
Response: 1614075
Conc: 1.88 ng/ml



#7 delta-BHC

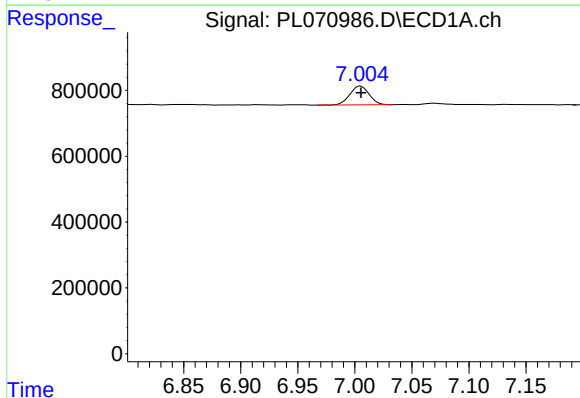
R.T.: 6.337 min
Delta R.T.: -0.001 min
Response: 630287
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2021



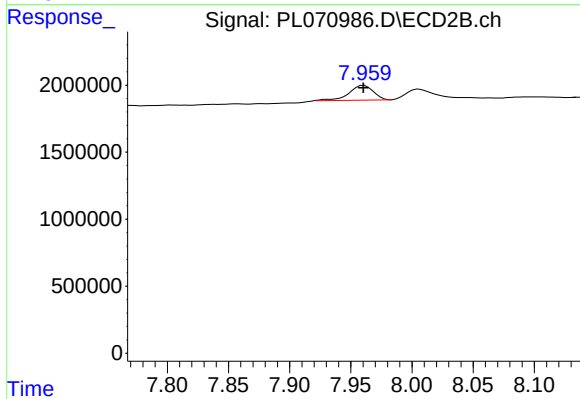
#7 delta-BHC

R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 1135106
Conc: 0.68 ng/ml m



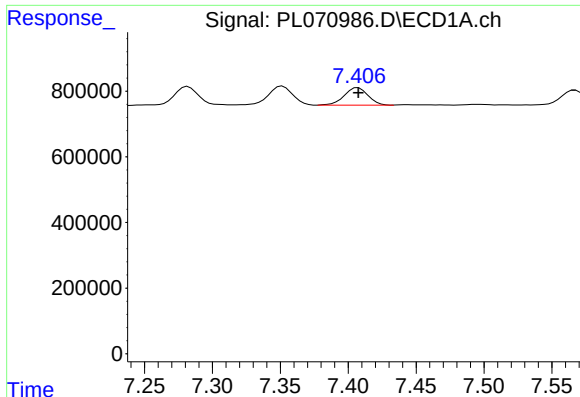
#8 Heptachlor epoxide

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 671521
Conc: 1.03 ng/ml



#8 Heptachlor epoxide

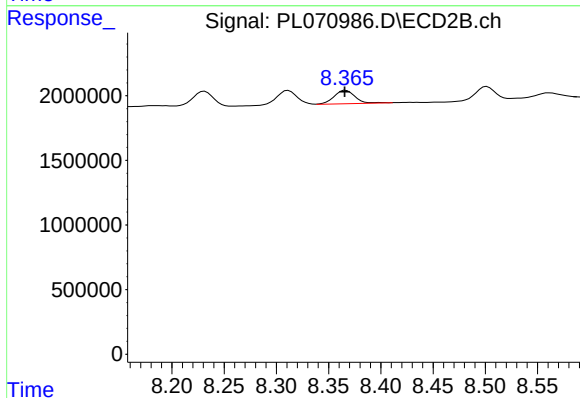
R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 1516386
Conc: 0.99 ng/ml



#9 Endosulfan I

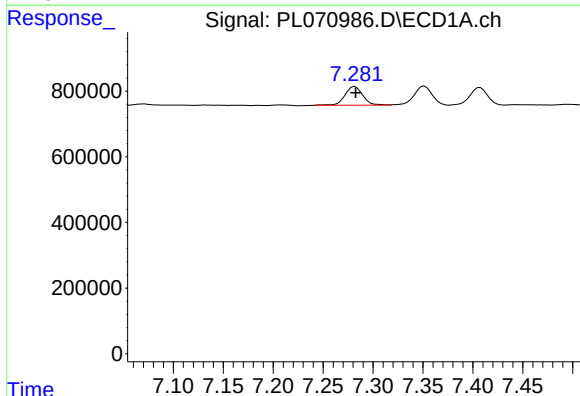
R.T.: 7.407 min
Delta R.T.: 0.000 min
Response: 646834
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2021



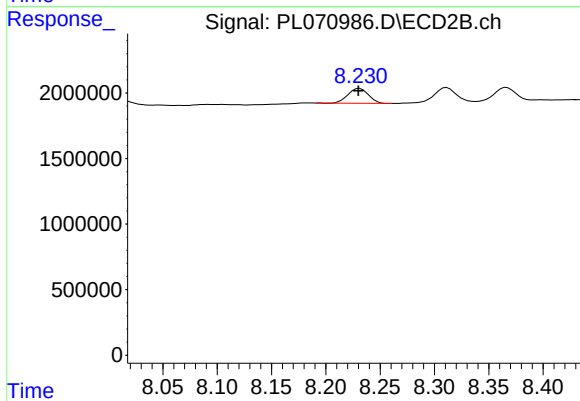
#9 Endosulfan I

R.T.: 8.366 min
Delta R.T.: 0.001 min
Response: 1428946
Conc: 0.99 ng/ml



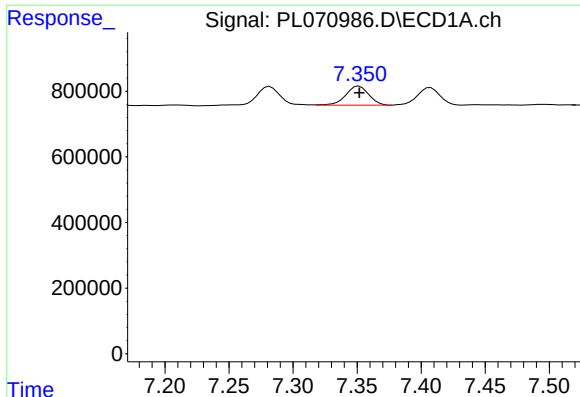
#10 gamma-Chlordane

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 713660
Conc: 1.08 ng/ml



#10 gamma-Chlordane

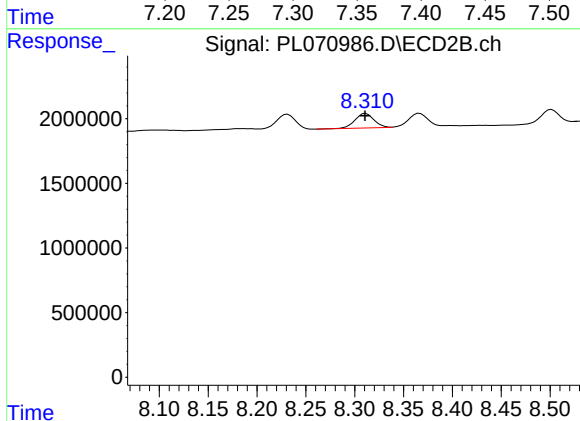
R.T.: 8.231 min
Delta R.T.: 0.001 min
Response: 1487412
Conc: 0.96 ng/ml



#11 alpha-Chlordane

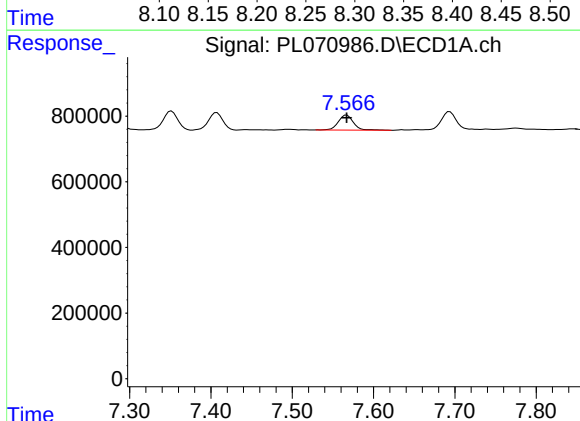
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 726766
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2021



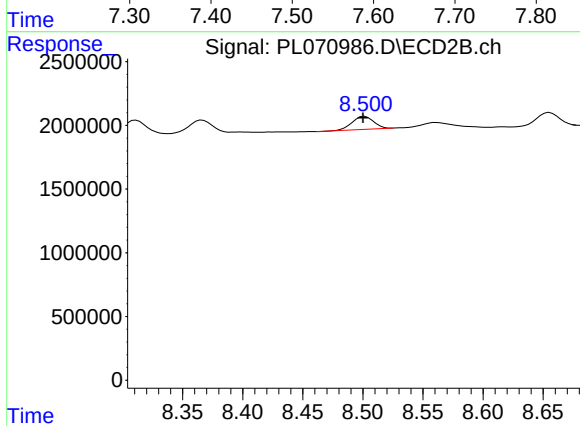
#11 alpha-Chlordane

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 1521836
Conc: 1.00 ng/ml



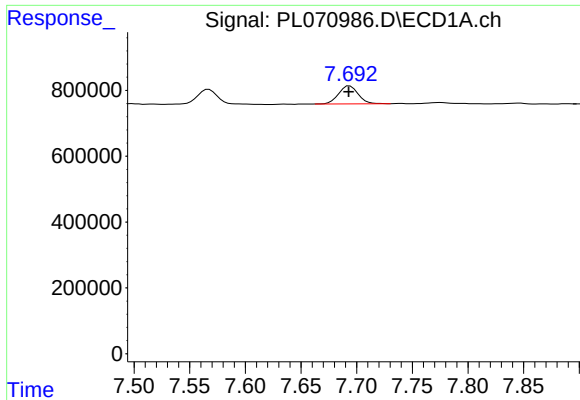
#12 4,4'-DDE

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 589709
Conc: 1.01 ng/ml



#12 4,4'-DDE

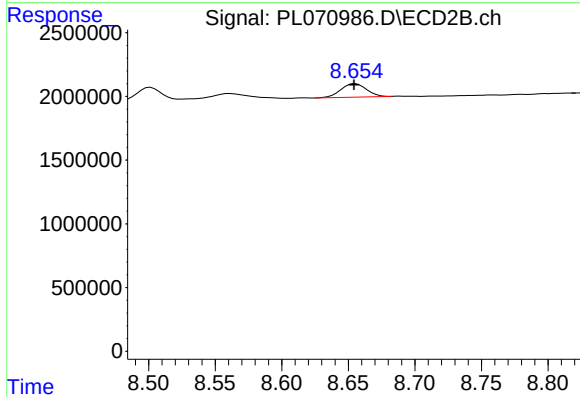
R.T.: 8.502 min
Delta R.T.: 0.001 min
Response: 1259771
Conc: 0.85 ng/ml



#13 Dieldrin

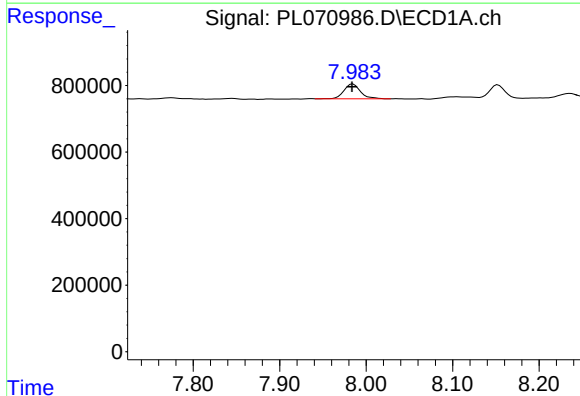
R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 677337
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2021



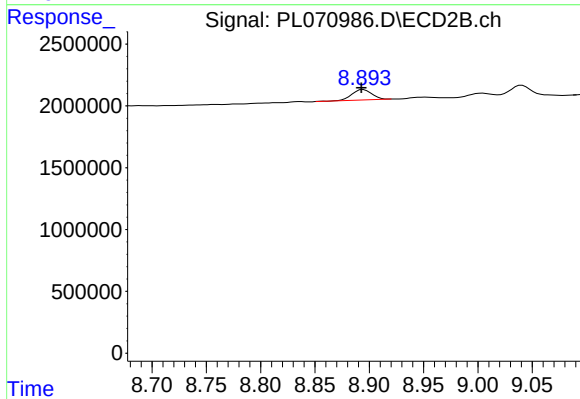
#13 Dieldrin

R.T.: 8.655 min
Delta R.T.: 0.001 min
Response: 1417853
Conc: 0.97 ng/ml



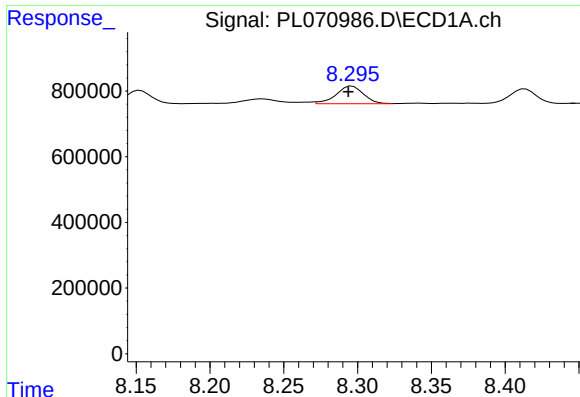
#14 Endrin

R.T.: 7.985 min
Delta R.T.: 0.001 min
Response: 586889
Conc: 1.04 ng/ml



#14 Endrin

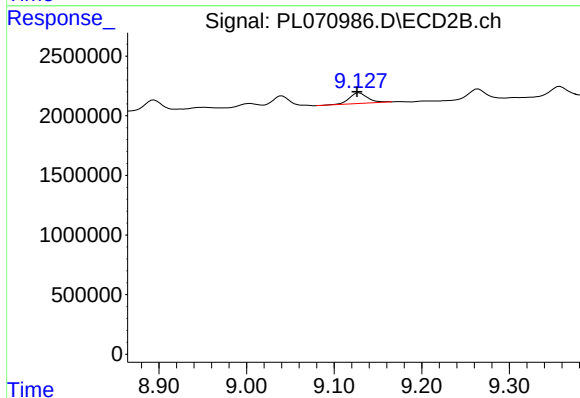
R.T.: 8.895 min
Delta R.T.: 0.002 min
Response: 1086380
Conc: 0.94 ng/ml



#15 Endosulfan II

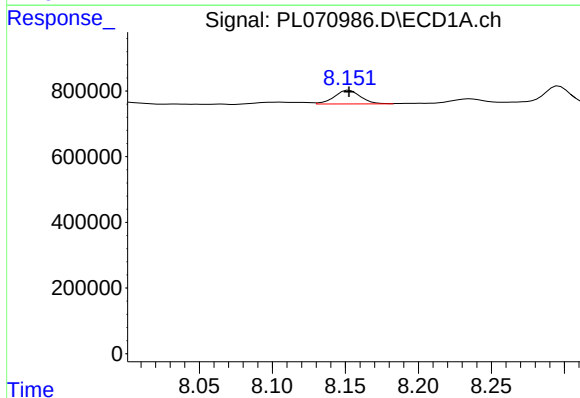
R.T.: 8.295 min
Delta R.T.: 0.001 min
Response: 688391
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2021



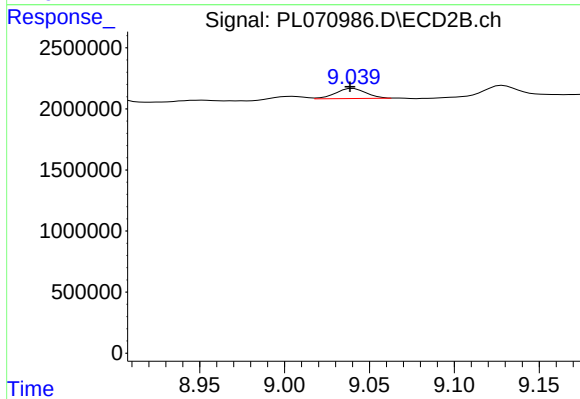
#15 Endosulfan II

R.T.: 9.129 min
Delta R.T.: 0.002 min
Response: 1289031
Conc: 1.06 ng/ml



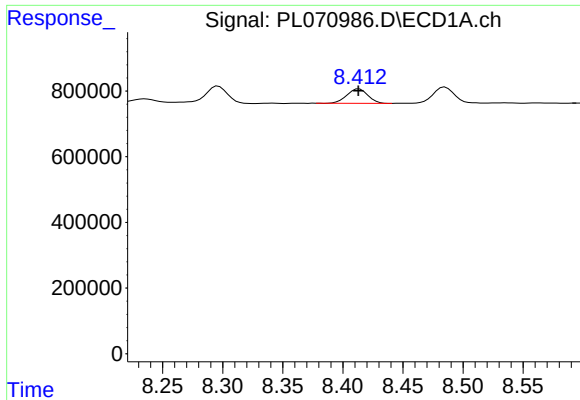
#16 4,4'-DDD

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 515604
Conc: 1.01 ng/ml



#16 4,4'-DDD

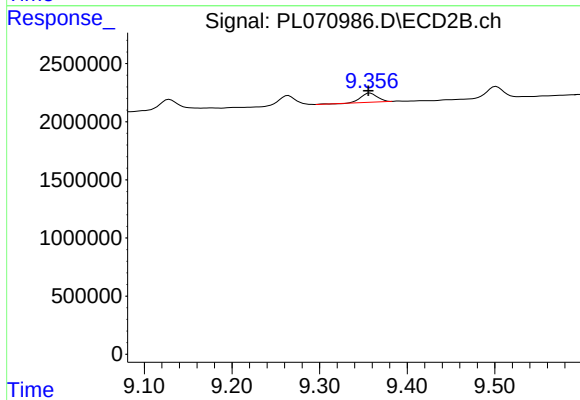
R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 1016010
Conc: 0.84 ng/ml m



#17 4,4'-DDT

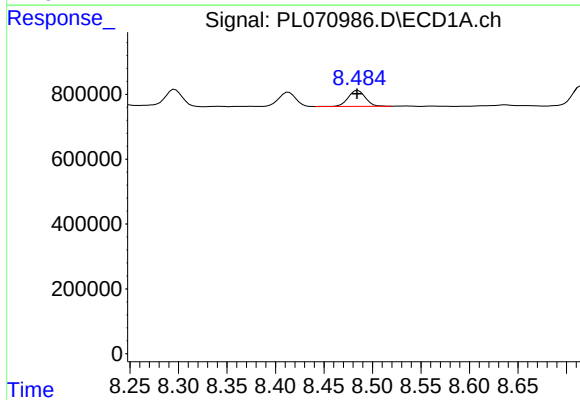
R.T.: 8.414 min
Delta R.T.: 0.000 min
Response: 528448
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2021



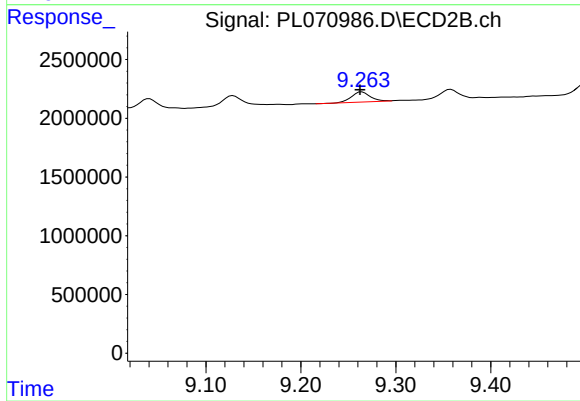
#17 4,4'-DDT

R.T.: 9.358 min
Delta R.T.: 0.002 min
Response: 1037992
Conc: 0.82 ng/ml



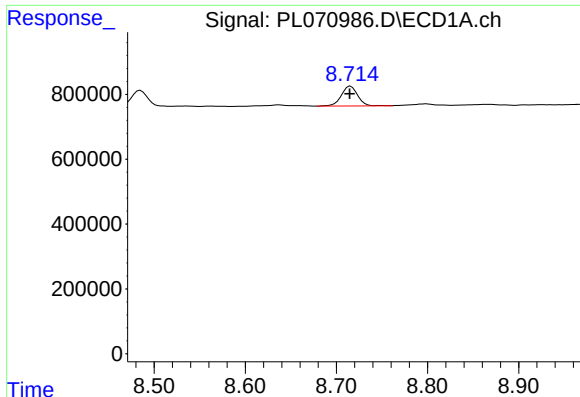
#18 Endrin aldehyde

R.T.: 8.485 min
Delta R.T.: 0.000 min
Response: 602552
Conc: 1.33 ng/ml



#18 Endrin aldehyde

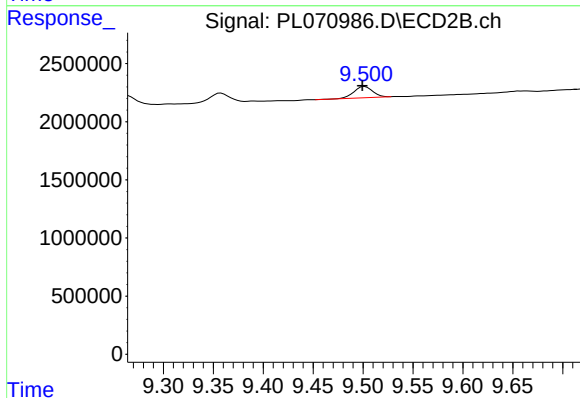
R.T.: 9.265 min
Delta R.T.: 0.002 min
Response: 1165981
Conc: 1.21 ng/ml



#19 Endosulfan Sulfate

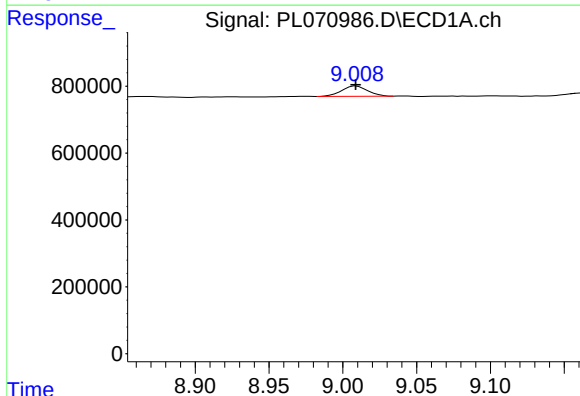
R.T.: 8.716 min
Delta R.T.: 0.000 min
Response: 768143
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2021



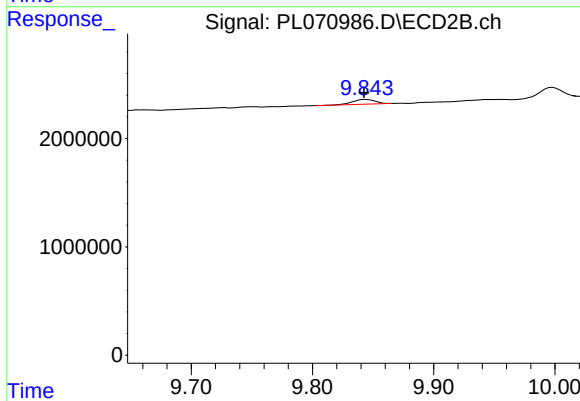
#19 Endosulfan Sulfate

R.T.: 9.502 min
Delta R.T.: 0.002 min
Response: 1238192
Conc: 1.00 ng/ml



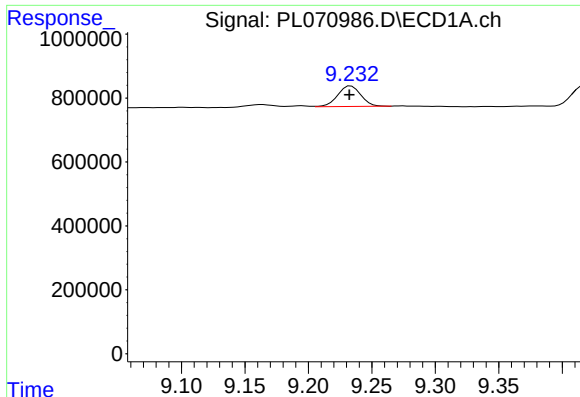
#20 Methoxychlor

R.T.: 9.008 min
Delta R.T.: 0.000 min
Response: 382353
Conc: 1.05 ng/ml m



#20 Methoxychlor

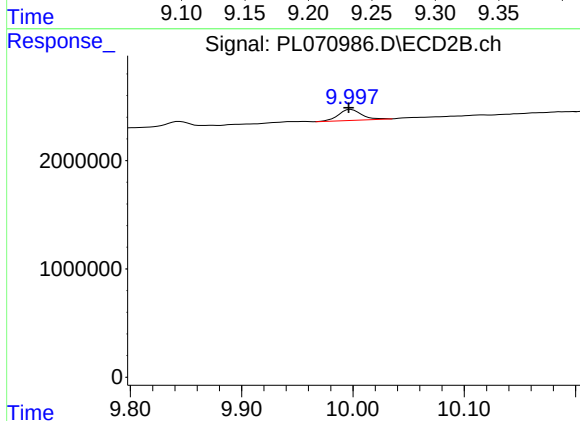
R.T.: 9.844 min
Delta R.T.: 0.002 min
Response: 571081
Conc: 0.84 ng/ml



#21 Endrin ketone

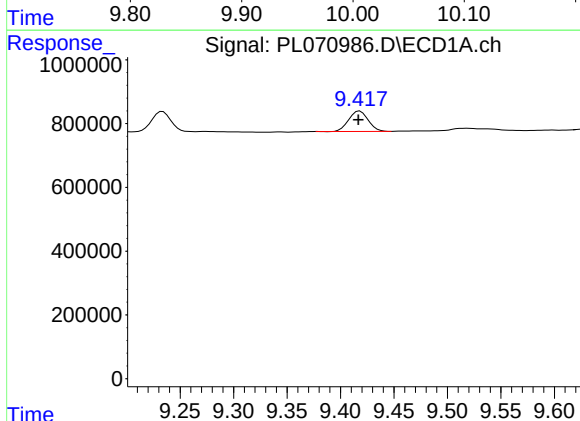
R.T.: 9.234 min
Delta R.T.: 0.001 min
Response: 817999
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2021



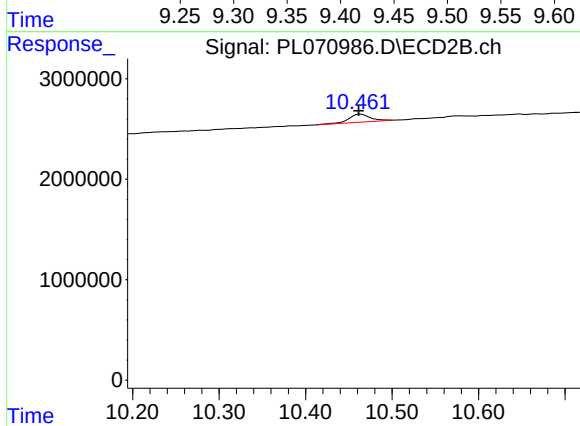
#21 Endrin ketone

R.T.: 9.998 min
Delta R.T.: 0.002 min
Response: 1438549
Conc: 1.00 ng/ml



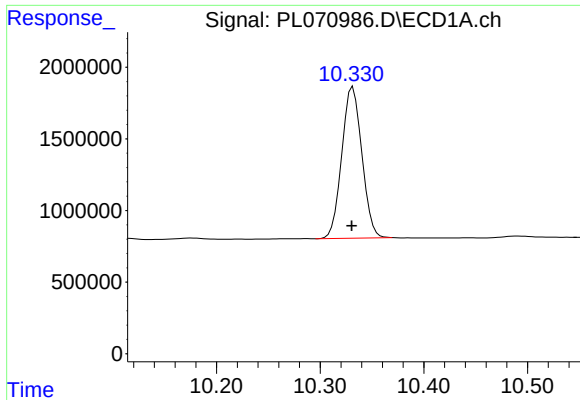
#22 Mirex

R.T.: 9.418 min
Delta R.T.: 0.001 min
Response: 808700
Conc: 1.32 ng/ml



#22 Mirex

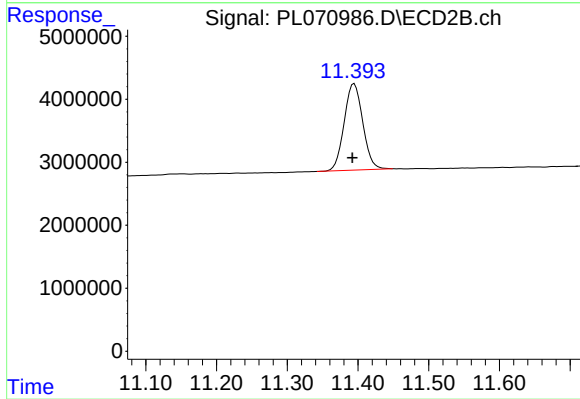
R.T.: 10.463 min
Delta R.T.: 0.002 min
Response: 1449456
Conc: 1.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.332 min
Delta R.T.: 0.001 min
Response: 14236182
Conc: 20.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2021



#28 Decachlorobiphenyl

R.T.: 11.395 min
Delta R.T.: 0.003 min
Response: 25187196
Conc: 18.83 ng/ml