

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090748.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 12:14
 Operator : AR\AJ
 Sample : P3390-07
 Misc : PEST LOD 2.5PPB/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

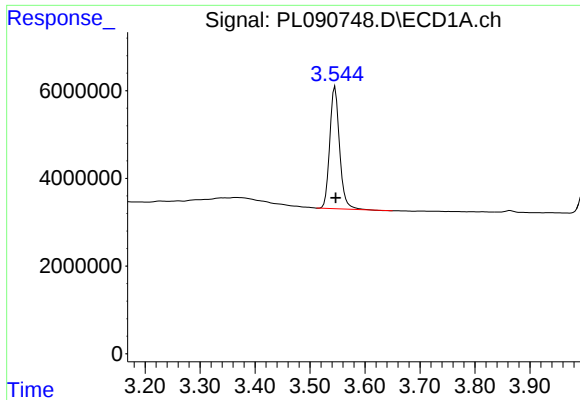
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 00:32:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.546	2.787	34423814	28342826	16.532	16.841
28)	SA Decachlor...	9.056	7.929	25525440	27974481	19.209	19.186
Target Compounds							
2)	A alpha-BHC	4.000	3.289	6999176	5060166	2.359	2.094
3)	MA gamma-BHC...	4.333	3.620	6558834	5047997	2.342	2.189
4)	MA Heptachlor	4.921	3.960	7456592	4655939	2.930	2.111 #
5)	MB Aldrin	5.263	4.240	6637224	4680435	2.657	2.200
6)	B beta-BHC	4.529	3.918	4843509	2531308	3.818	2.452 #
7)	B delta-BHC	4.775	4.148	7522551	4355912	2.806	1.980 #
8)	B Heptachlo...	5.688	4.742	6930178	4568300	2.949	2.342
9)	A Endosulfan I	6.073	5.112	5872449	4130661	2.746	2.259
10)	B gamma-Chl...	5.944	4.992	10328487	4774121	4.442	2.355 #
11)	B alpha-Chl...	6.023	5.056	6478999	4768536	2.822	2.360
12)	B 4,4'-DDE	6.195	5.245	5332490	3981881	2.637	2.228
13)	MA Dieldrin	6.348	5.377	6072190	4322481	2.733	2.204
14)	MA Endrin	6.577	5.652	4360763	3506179	2.372	2.037
15)	B Endosulfa...	6.796	5.946	6278327	4185191	3.192	2.450
16)	A 4,4'-DDD	6.711	5.800	4997216	3952867	2.960	2.638
17)	MA 4,4'-DDT	7.026	6.050	3864161	2547598	2.296	1.739
18)	B Endrin al...	6.927	6.125	4251652	3369680	2.866	2.579
19)	B Endosulfa...	7.160	6.348	5229251	4131612	2.978	2.562
20)	A Methoxychlor	7.502	6.626	1740118	1686006	1.971	2.085
21)	B Endrin ke...	7.645	6.853	5860068	4461235	3.070	2.441
22)	Mirex	8.119	7.036	4566683	4202281	3.225	2.827
24)	Chlordane-2	5.263f	4.363	6637224	279026	64.846	3.679 #
25)	Chlordane-3	5.944	4.992	10328487	4774121	31.199	23.099 #
26)	Chlordane-4	6.023	5.056	6478999	4768536	16.266	24.367 #
27)	Chlordane-5	0.000	5.749f	0	766882	N.D.	12.723 #

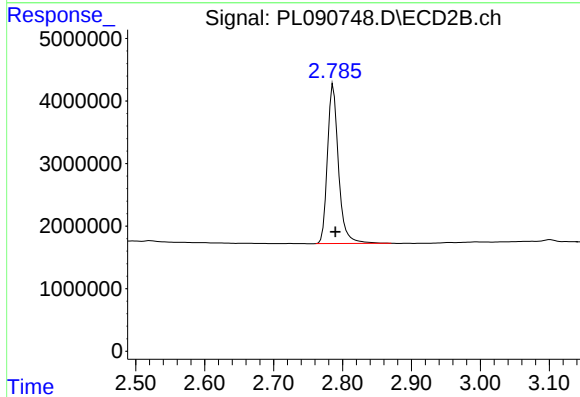
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

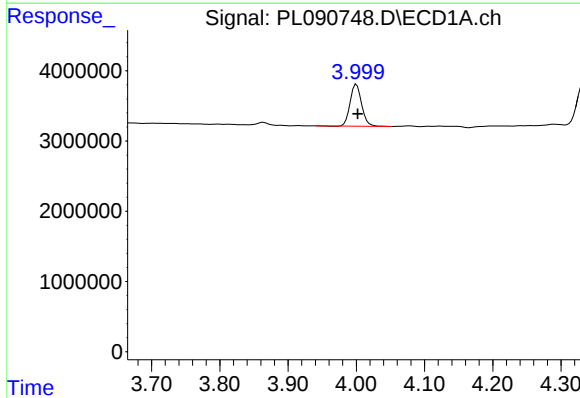
R.T.: 3.546 min
Delta R.T.: -0.001 min
Response: 34423814
Conc: 16.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



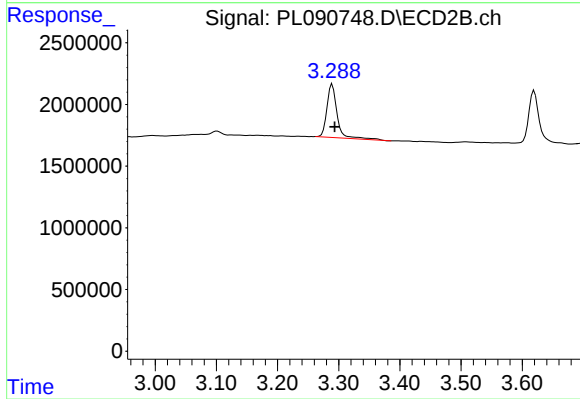
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: -0.003 min
Response: 28342826
Conc: 16.84 ng/ml



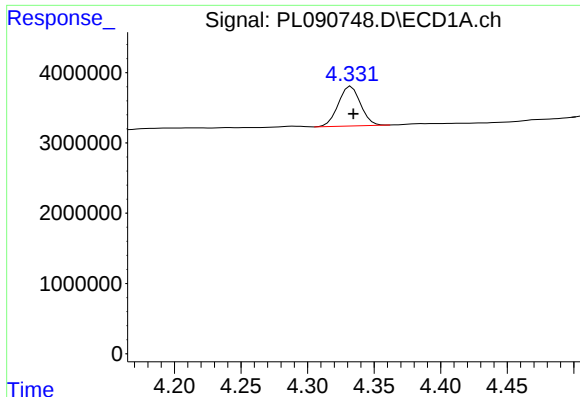
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 6999176
Conc: 2.36 ng/ml



#2 alpha-BHC

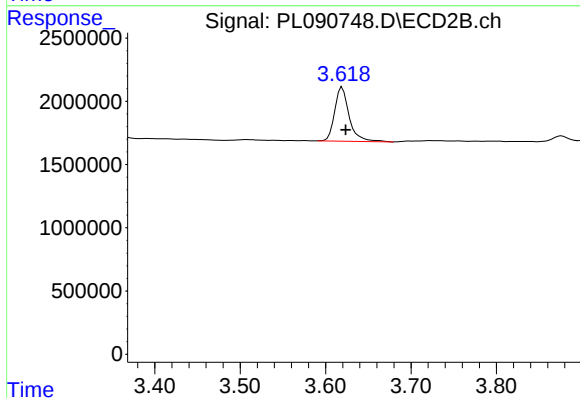
R.T.: 3.289 min
Delta R.T.: -0.004 min
Response: 5060166
Conc: 2.09 ng/ml



#3 gamma-BHC (Lindane)

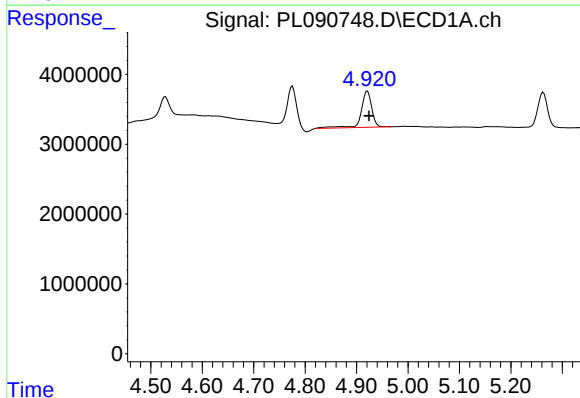
R.T.: 4.333 min
Delta R.T.: -0.002 min
Response: 6558834
Conc: 2.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



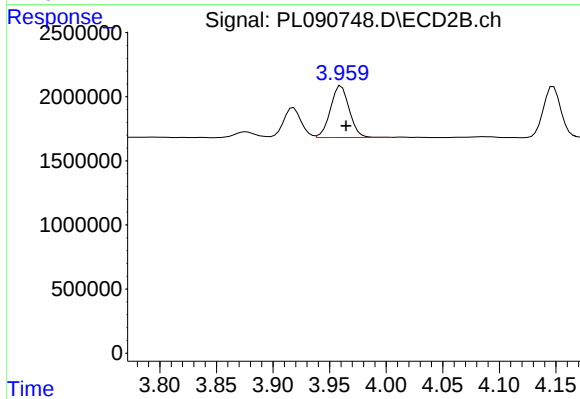
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: -0.004 min
Response: 5047997
Conc: 2.19 ng/ml



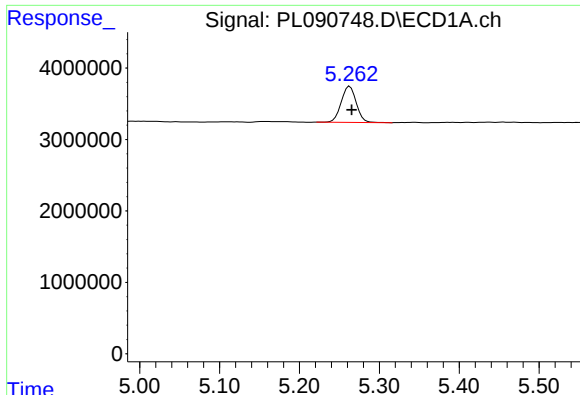
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.003 min
Response: 7456592
Conc: 2.93 ng/ml



#4 Heptachlor

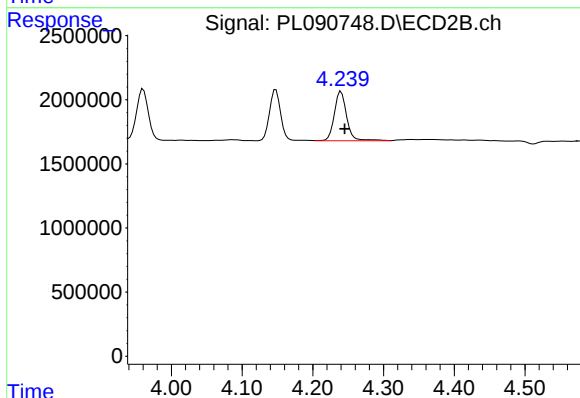
R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 4655939
Conc: 2.11 ng/ml



#5 Aldrin

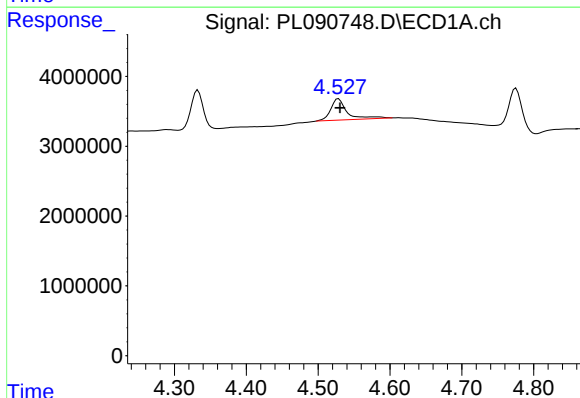
R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 6637224
Conc: 2.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



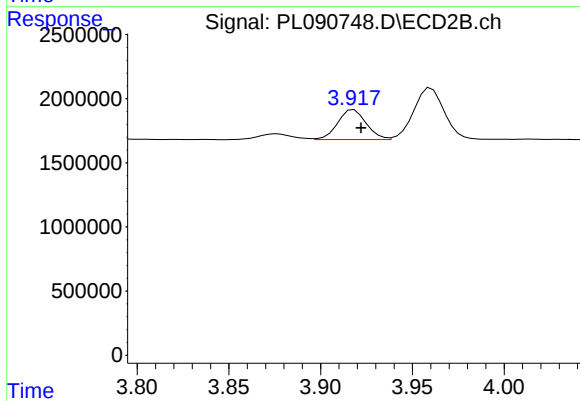
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: -0.005 min
Response: 4680435
Conc: 2.20 ng/ml



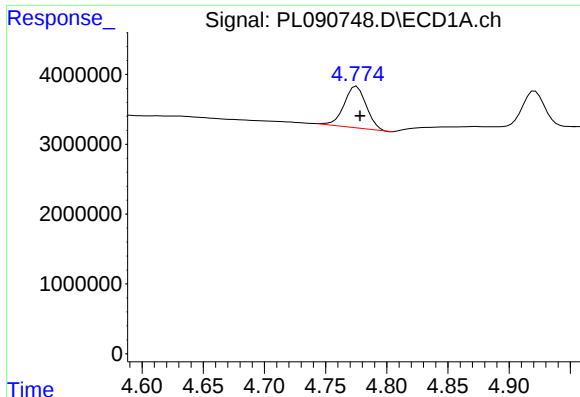
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: -0.002 min
Response: 4843509
Conc: 3.82 ng/ml



#6 beta-BHC

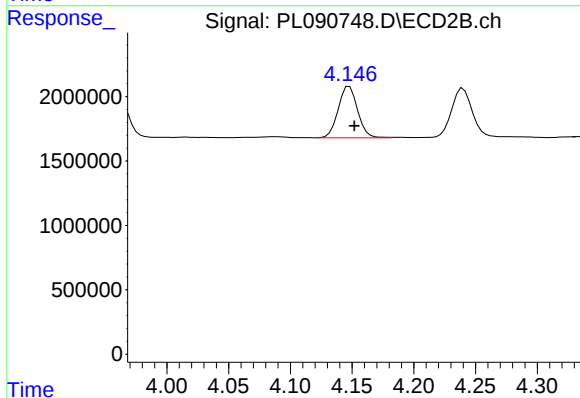
R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 2531308
Conc: 2.45 ng/ml



#7 delta-BHC

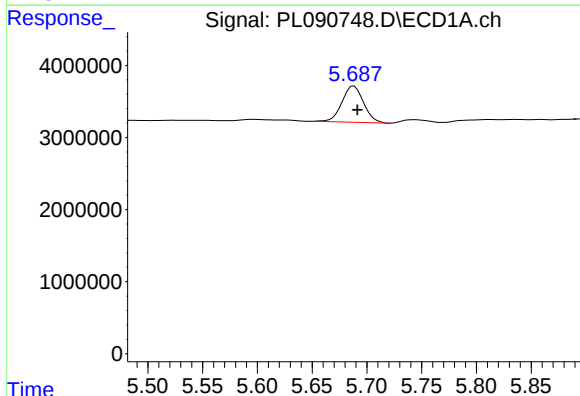
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 7522551
Conc: 2.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



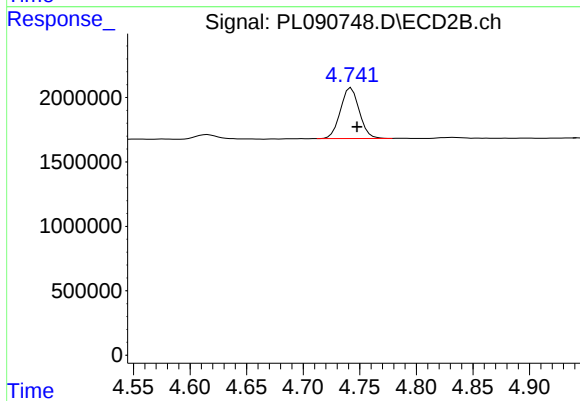
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.004 min
Response: 4355912
Conc: 1.98 ng/ml



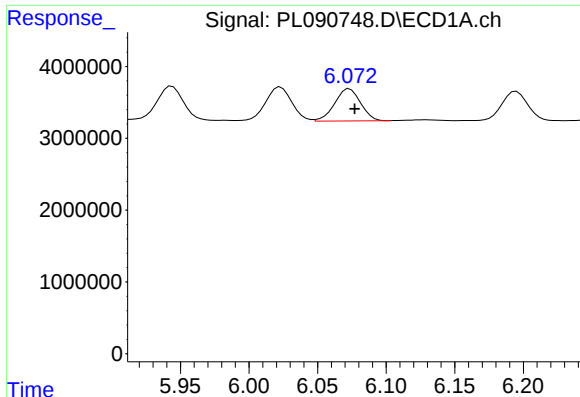
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: 6930178
Conc: 2.95 ng/ml



#8 Heptachlor epoxide

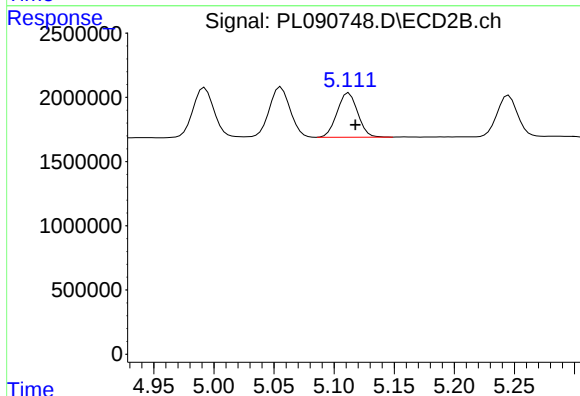
R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 4568300
Conc: 2.34 ng/ml



#9 Endosulfan I

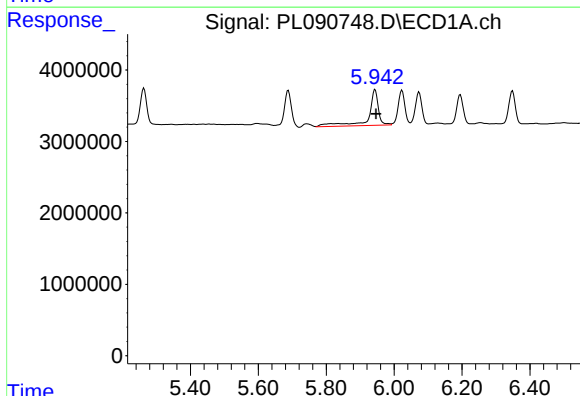
R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 5872449
Conc: 2.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



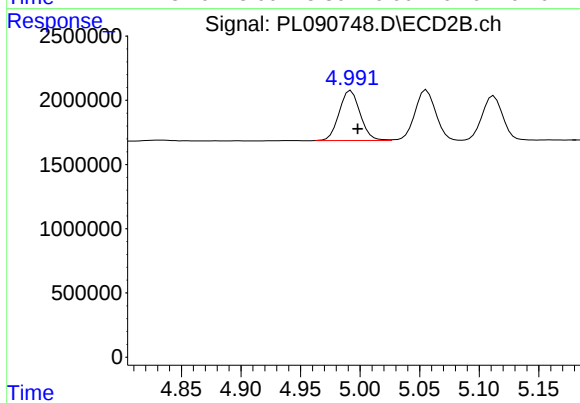
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.005 min
Response: 4130661
Conc: 2.26 ng/ml



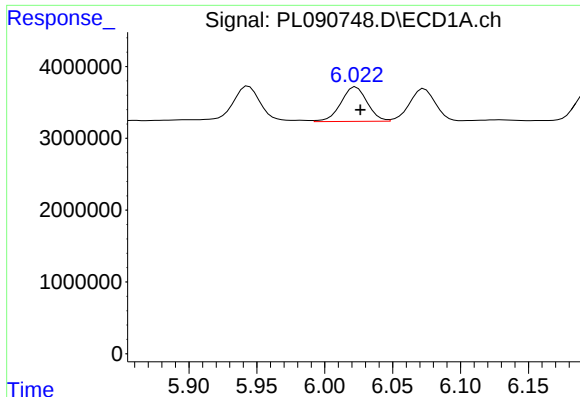
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.003 min
Response: 10328487
Conc: 4.44 ng/ml



#10 gamma-Chlordane

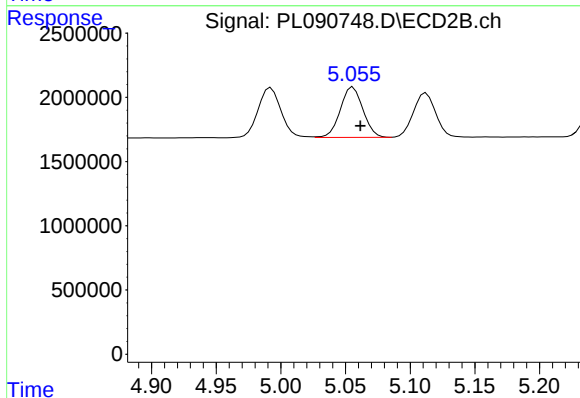
R.T.: 4.992 min
Delta R.T.: -0.006 min
Response: 4774121
Conc: 2.35 ng/ml



#11 alpha-Chlordane

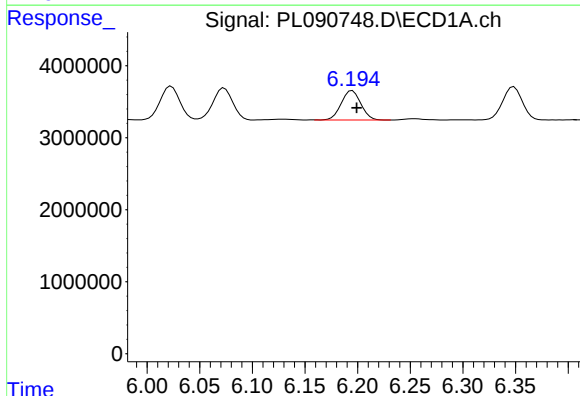
R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 6478999
Conc: 2.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



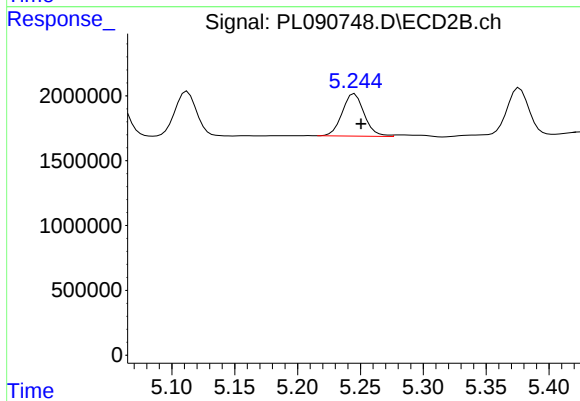
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.006 min
Response: 4768536
Conc: 2.36 ng/ml



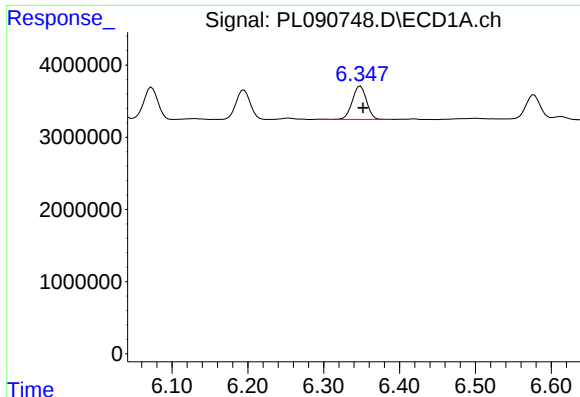
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.004 min
Response: 5332490
Conc: 2.64 ng/ml



#12 4,4'-DDE

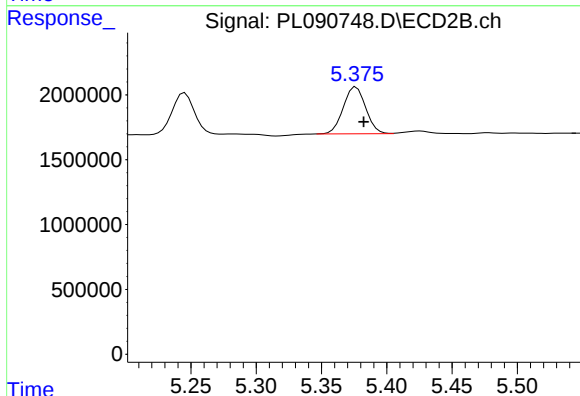
R.T.: 5.245 min
Delta R.T.: -0.005 min
Response: 3981881
Conc: 2.23 ng/ml



#13 Dieldrin

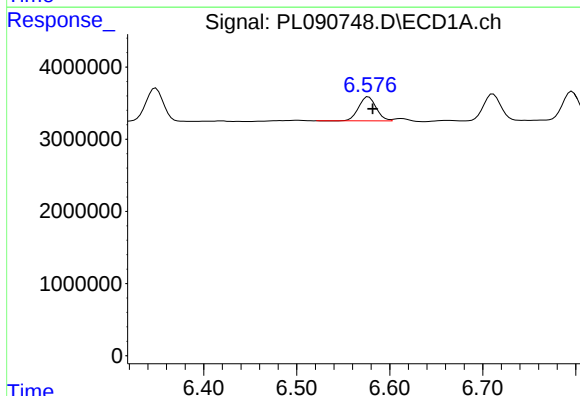
R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 6072190
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



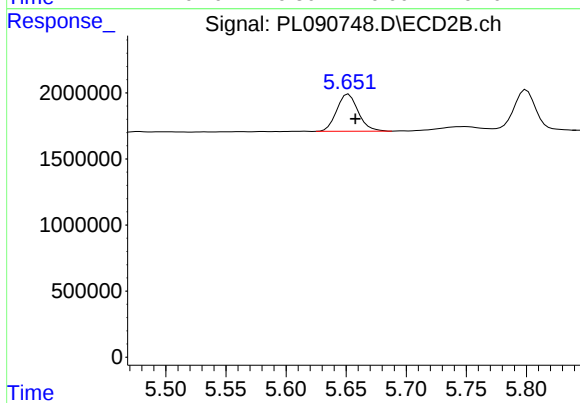
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: -0.006 min
Response: 4322481
Conc: 2.20 ng/ml



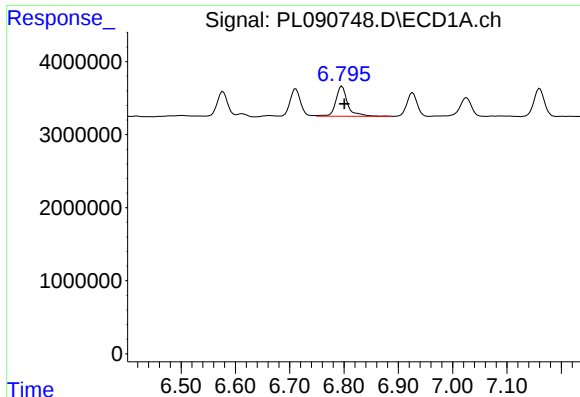
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.004 min
Response: 4360763
Conc: 2.37 ng/ml



#14 Endrin

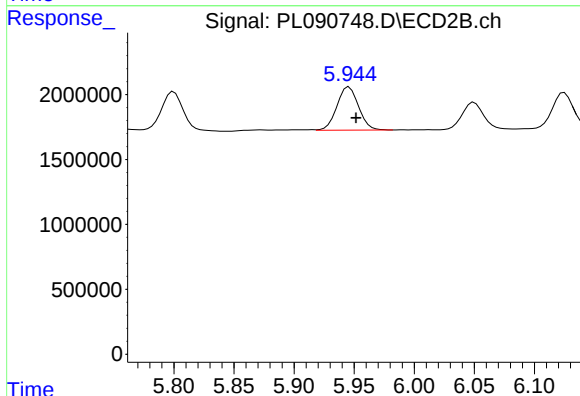
R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 3506179
Conc: 2.04 ng/ml



#15 Endosulfan II

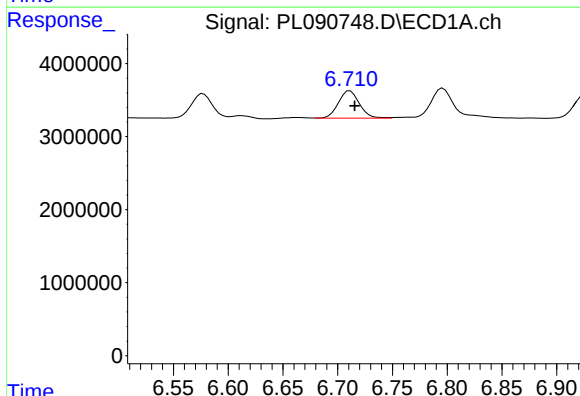
R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 6278327
Conc: 3.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



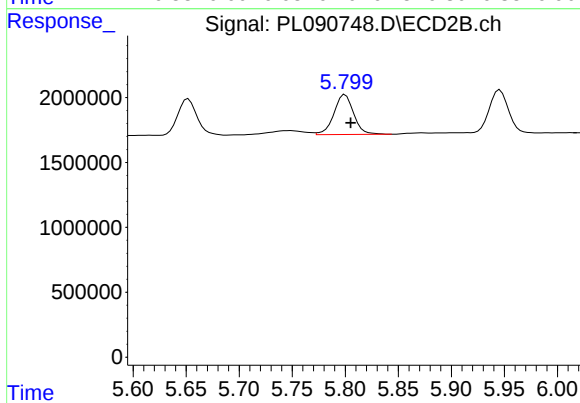
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 4185191
Conc: 2.45 ng/ml



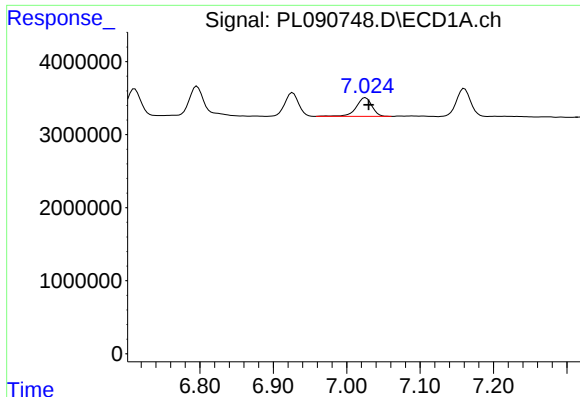
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.004 min
Response: 4997216
Conc: 2.96 ng/ml



#16 4,4'-DDD

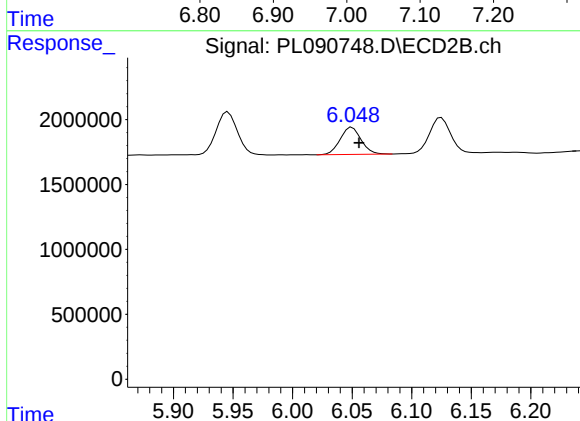
R.T.: 5.800 min
Delta R.T.: -0.005 min
Response: 3952867
Conc: 2.64 ng/ml



#17 4,4'-DDT

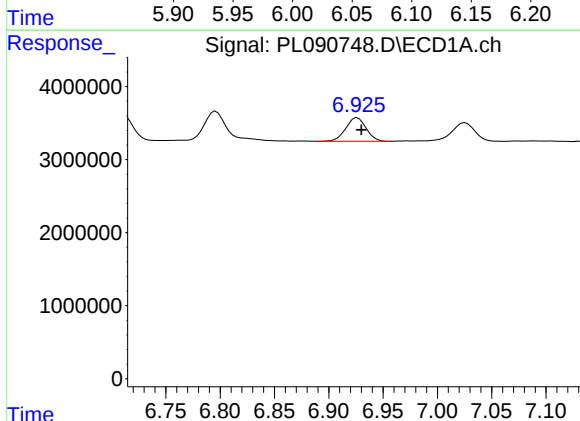
R.T.: 7.026 min
Delta R.T.: -0.004 min
Response: 3864161
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



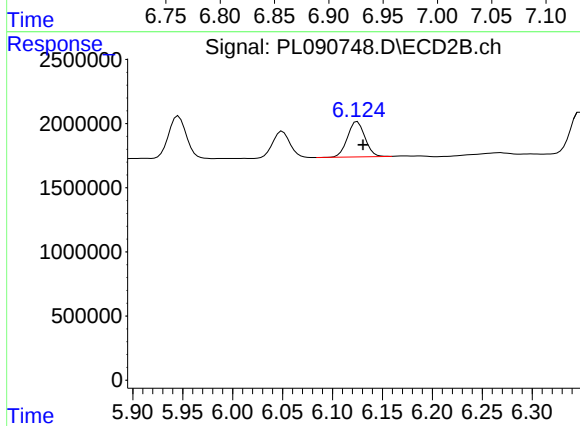
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: -0.006 min
Response: 2547598
Conc: 1.74 ng/ml



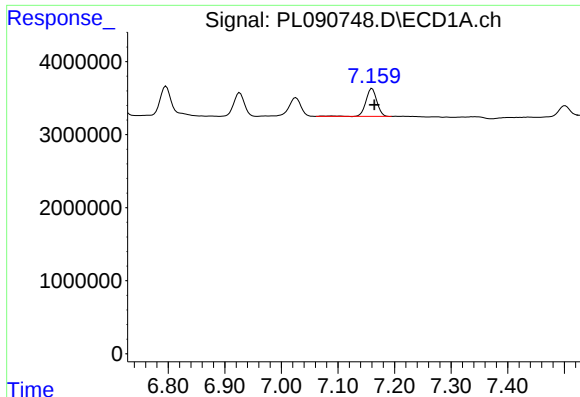
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 4251652
Conc: 2.87 ng/ml



#18 Endrin aldehyde

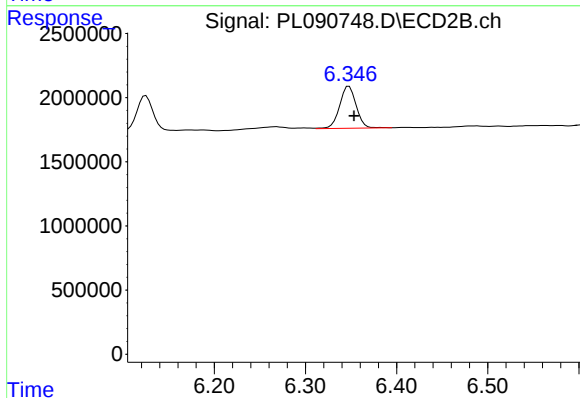
R.T.: 6.125 min
Delta R.T.: -0.006 min
Response: 3369680
Conc: 2.58 ng/ml



#19 Endosulfan Sulfate

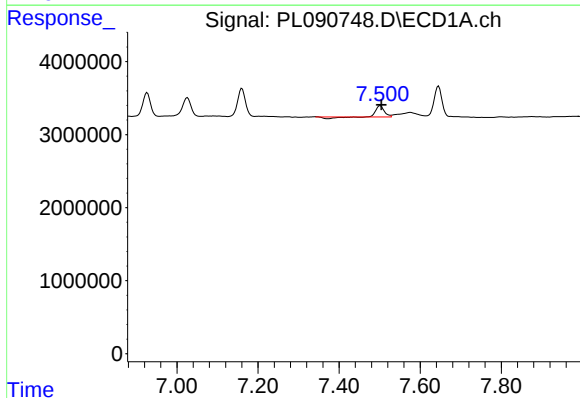
R.T.: 7.160 min
Delta R.T.: -0.004 min
Response: 5229251
Conc: 2.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



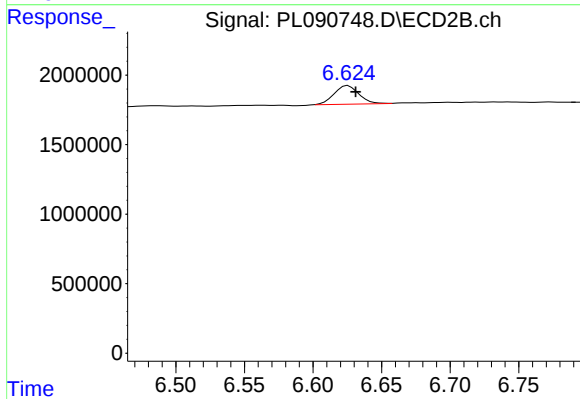
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.006 min
Response: 4131612
Conc: 2.56 ng/ml



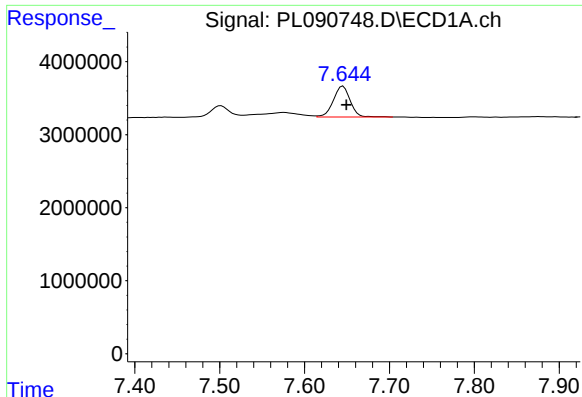
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 1740118
Conc: 1.97 ng/ml



#20 Methoxychlor

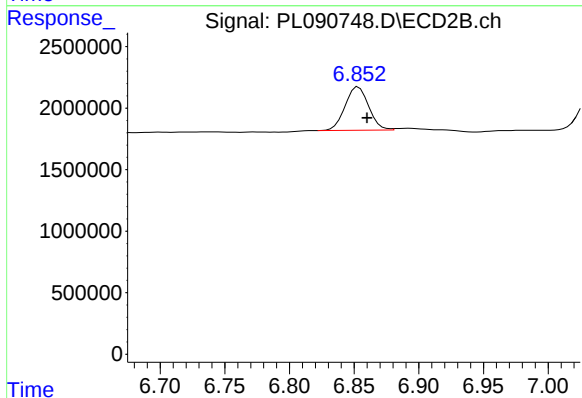
R.T.: 6.626 min
Delta R.T.: -0.006 min
Response: 1686006
Conc: 2.09 ng/ml



#21 Endrin ketone

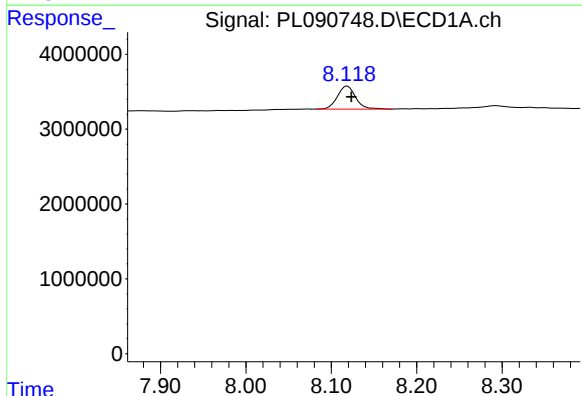
R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 5860068
Conc: 3.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



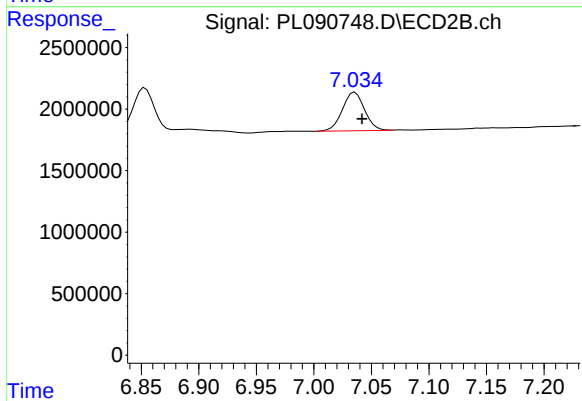
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.007 min
Response: 4461235
Conc: 2.44 ng/ml



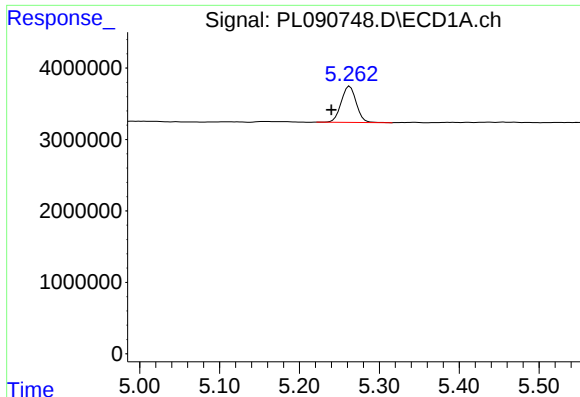
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 4566683
Conc: 3.22 ng/ml



#22 Mirex

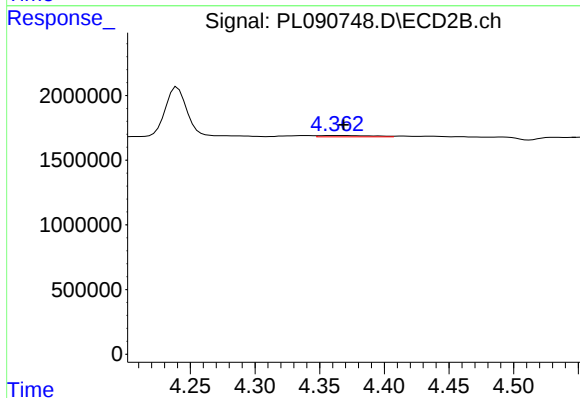
R.T.: 7.036 min
Delta R.T.: -0.006 min
Response: 4202281
Conc: 2.83 ng/ml



#24 Chlordane-2

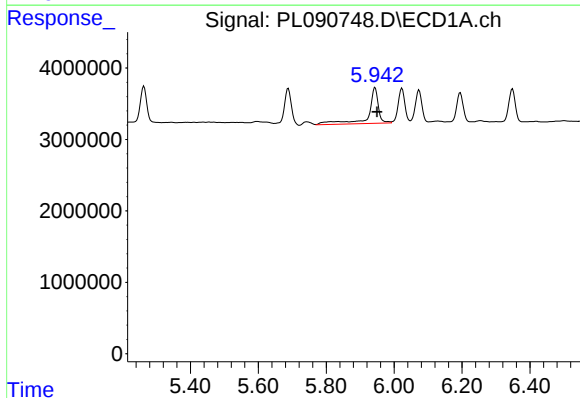
R.T.: 5.263 min
Delta R.T.: 0.023 min
Response: 6637224
Conc: 64.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



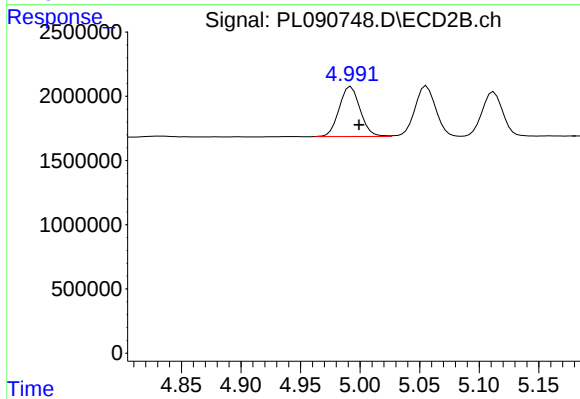
#24 Chlordane-2

R.T.: 4.363 min
Delta R.T.: -0.005 min
Response: 279026
Conc: 3.68 ng/ml



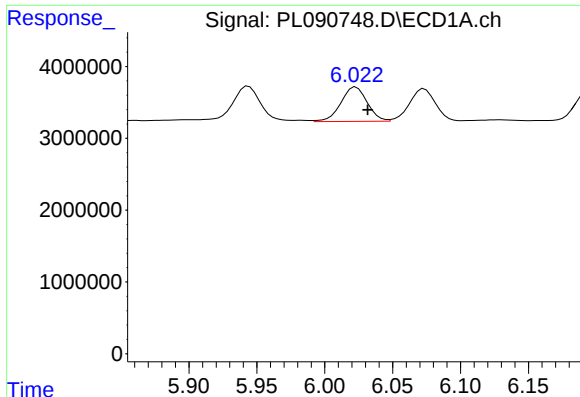
#25 Chlordane-3

R.T.: 5.944 min
Delta R.T.: -0.006 min
Response: 10328487
Conc: 31.20 ng/ml



#25 Chlordane-3

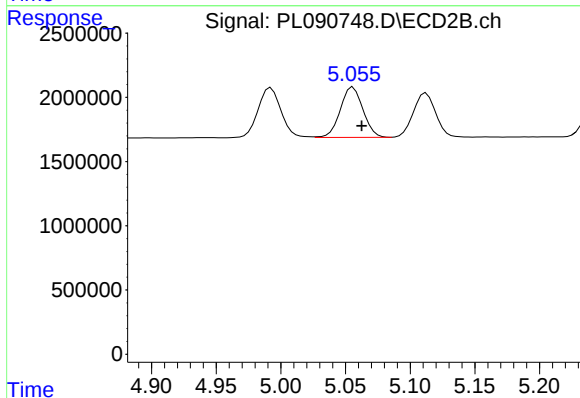
R.T.: 4.992 min
Delta R.T.: -0.007 min
Response: 4774121
Conc: 23.10 ng/ml



#26 Chlordane-4

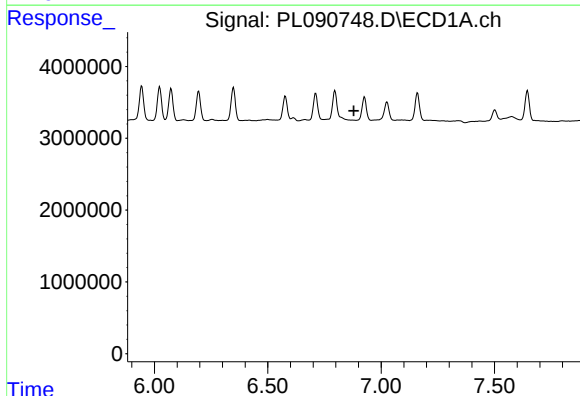
R.T.: 6.023 min
Delta R.T.: -0.009 min
Response: 6478999
Conc: 16.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



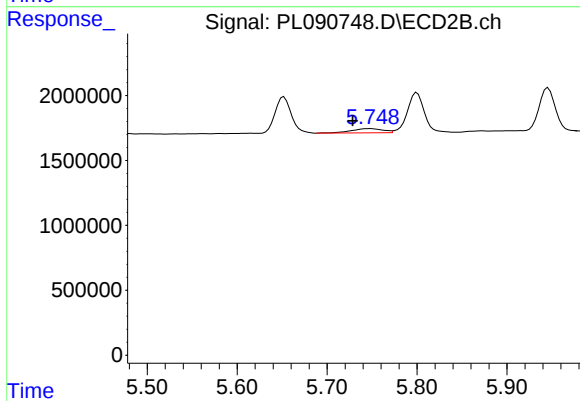
#26 Chlordane-4

R.T.: 5.056 min
Delta R.T.: -0.007 min
Response: 4768536
Conc: 24.37 ng/ml



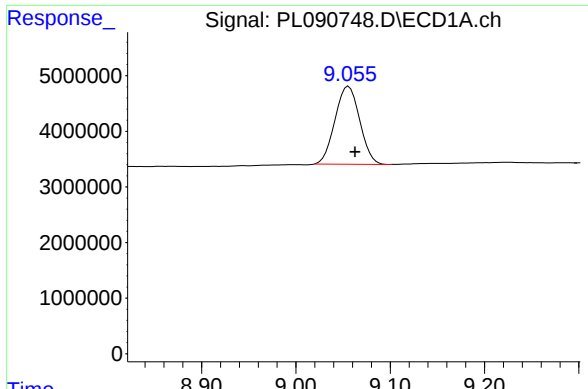
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.880 min
Response: 0
Conc: N.D.



#27 Chlordane-5

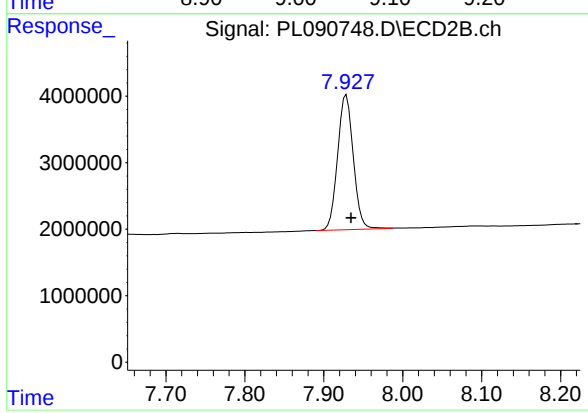
R.T.: 5.749 min
Delta R.T.: 0.021 min
Response: 766882
Conc: 12.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: -0.007 min
Response: 25525440
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.006 min
Response: 27974481
Conc: 19.19 ng/ml