

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030824\
 Data File : PL088468.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2024 15:58
 Operator : AR\AJ
 Sample : P1601-01
 Misc : PEST MDL 1PPB WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-QT1-2024-01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 21:53:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030824CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 08 16:13:19 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 x 0.50µm

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

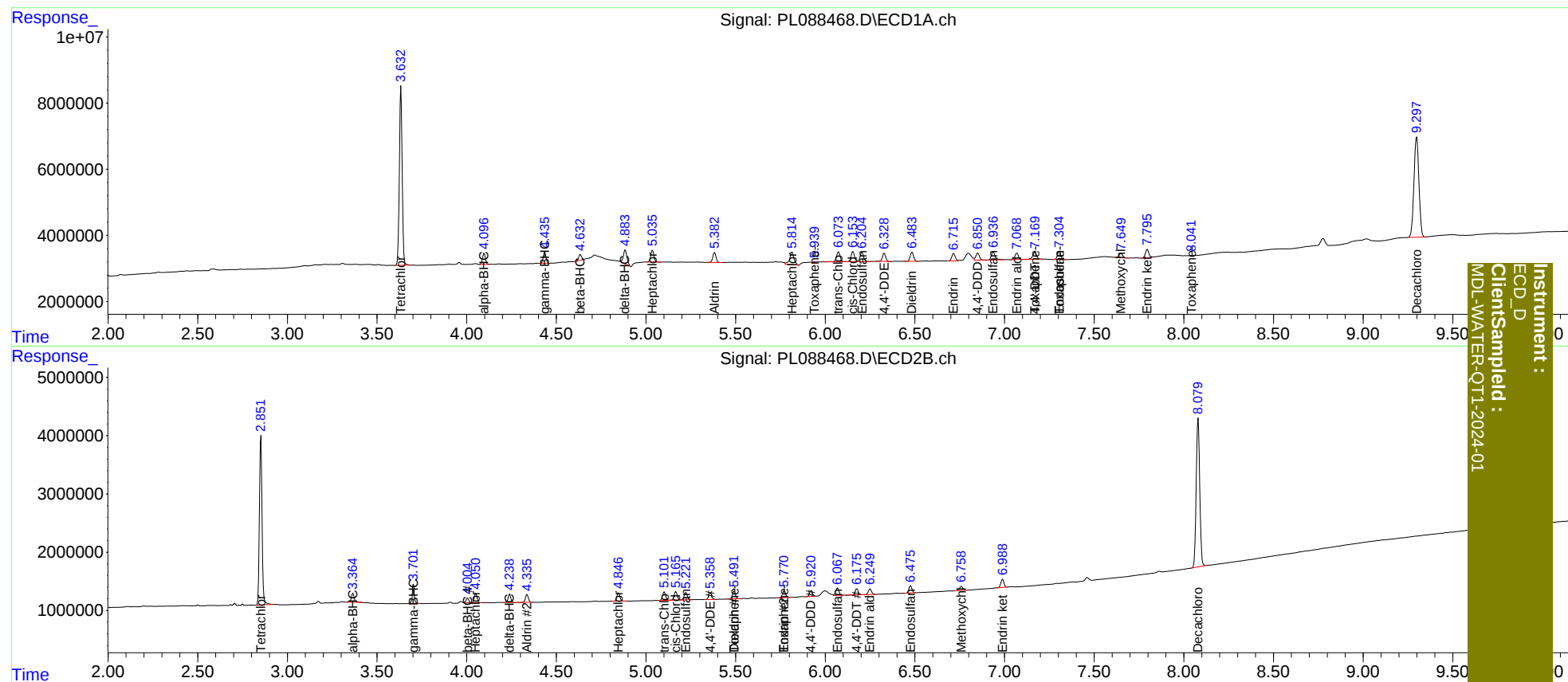
System Monitoring Compounds							
1)	SA Tetrachlo...	3.633	2.852	59042036	29573129	19.831	19.281
27)	SA Decachlor...	9.299	8.080	58558396	35033066	23.743	24.149
Target Compounds							
2)	A alpha-BHC	4.098	3.366	3781102	1761796	0.868	0.806
3)	MA gamma-BHC...	4.436	3.703	3674467	2617753	0.883	1.259 #
4)	MA Heptachlor	5.037	4.051	4490375	1771573	1.055	0.866
5)	MB Aldrin	5.383	4.337	3808580	1528235	1.040	0.829
6)	B beta-BHC	4.634	4.005	1788855	799574	0.950	0.829
7)	B delta-BHC	4.885	4.240	5817733	1469086	1.394	0.722 #
8)	B Heptachlo...	5.815	4.847	6329758	1650028	1.703	0.931 #
9)	A Endosulfan I	6.205	5.223	3785498	1535225	1.127	0.912
10)	B trans-Chl...	6.074	5.102	4290245	1753777	1.253	1.006
11)	B cis-Chlor...	6.154	5.167	4012434	1752886	1.149	0.977
12)	B 4,4'-DDE	6.329	5.359	3170953	1378559	1.009	0.839
13)	MA Dieldrin	6.484	5.492	3613767	1585290	1.013	0.844
14)	MA Endrin	6.716	5.771	2947316	1450369	0.996	0.883
15)	B Endosulfa...	6.937	6.068	3493236	1639798	1.189	1.040
16)	A 4,4'-DDD	6.851	5.921	3088957	1172243	1.149	0.830 #
17)	MA 4,4'-DDT	7.170	6.176	3257048	1273376	1.133	0.809 #
18)	B Endrin al...	7.069	6.250	2644046	1227837	1.206	1.053
19)	B Endosulfa...	7.305	6.476	3247774	1472036	1.138	0.969
20)	A Methoxychlor	7.651	6.759	1578152	882803	1.012	1.024
21)	B Endrin ke...	7.796	6.989	3410219	1657479	1.139	0.958
22)	Toxaphene-1	5.941f	5.492f	227729	1585290	20.686	163.798 #
23)	Toxaphene-2	7.170f	5.771f	3257048	1450369	36.838	131.719 #
24)	Toxaphene-3	7.305	0.000	3247774	0	50.476	N.D. #
26)	Toxaphene-5	8.042f	0.000	24018	0	0.514	N.D. #

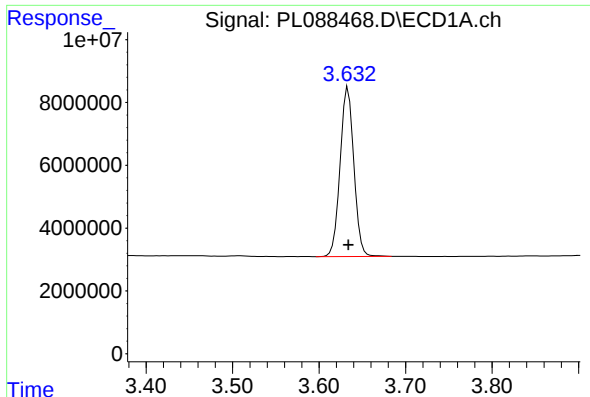
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030824\
Data File : PL088468.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Mar 2024 15:58
Operator : AR\AJ
Sample : P1601-01
Misc : PEST MDL 1PPB WATER
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 21:53:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030824CLP.M
Quant Title : GC Extractables
QLast Update : Fri Mar 08 16:13:19 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 x 0.50µm

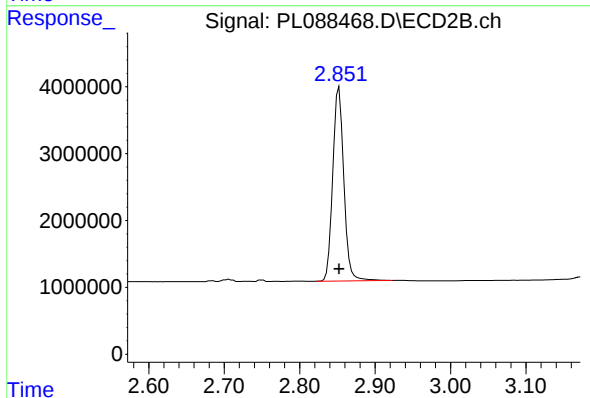




#1 Tetrachloro-m-xylene

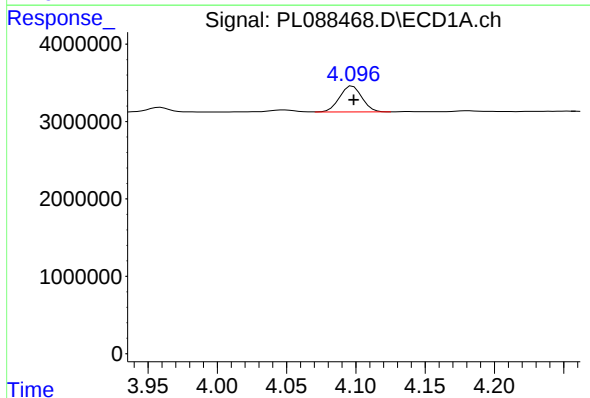
R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 59042036
Conc: 19.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



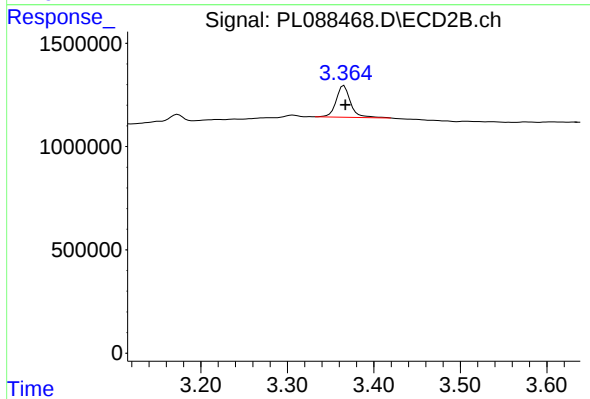
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 29573129
Conc: 19.28 ng/ml



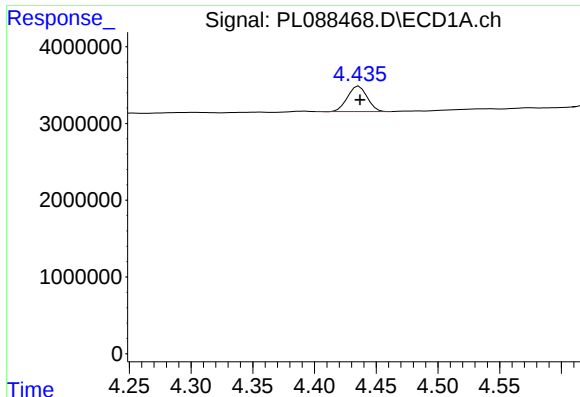
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 3781102
Conc: 0.87 ng/ml



#2 alpha-BHC

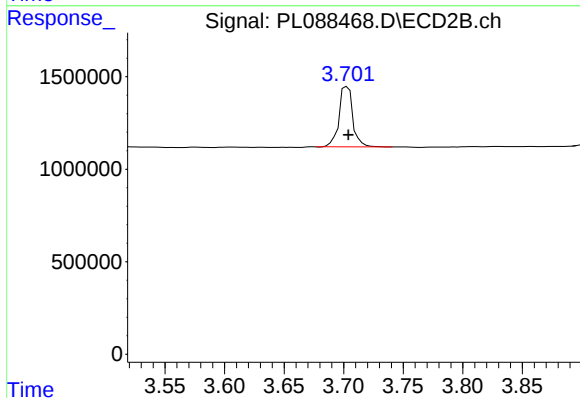
R.T.: 3.366 min
Delta R.T.: -0.001 min
Response: 1761796
Conc: 0.81 ng/ml



#3 gamma-BHC (Lindane)

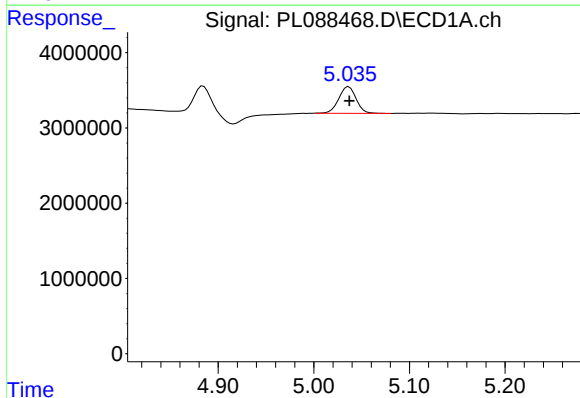
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 3674467
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



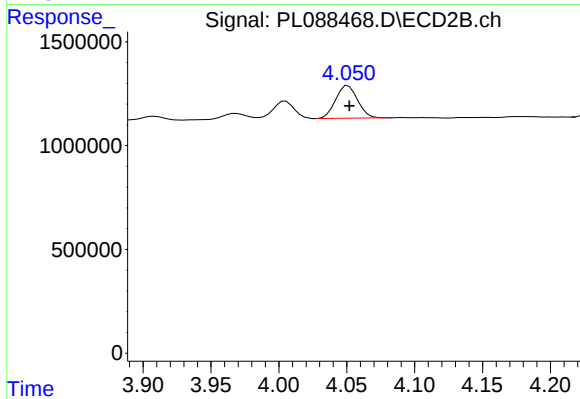
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 2617753
Conc: 1.26 ng/ml



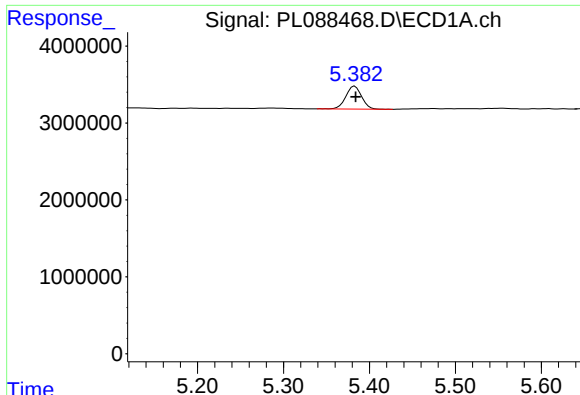
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 4490375
Conc: 1.05 ng/ml



#4 Heptachlor

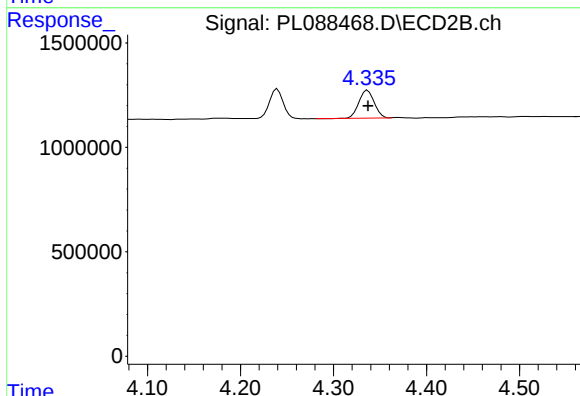
R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 1771573
Conc: 0.87 ng/ml



#5 Aldrin

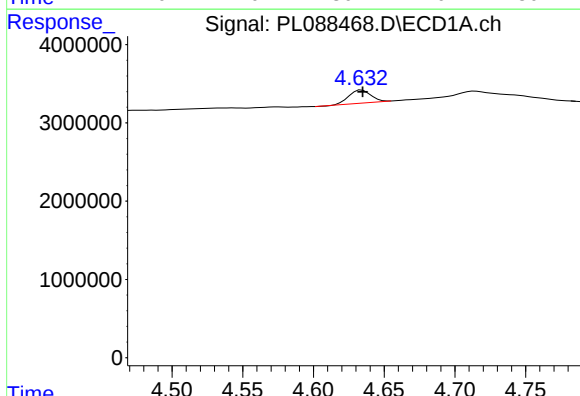
R.T.: 5.383 min
Delta R.T.: -0.001 min
Response: 3808580
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



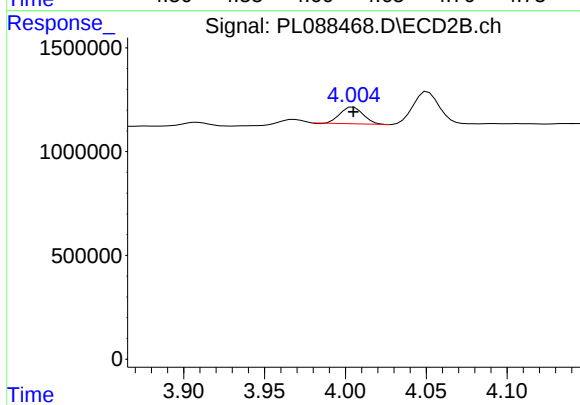
#5 Aldrin

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 1528235
Conc: 0.83 ng/ml



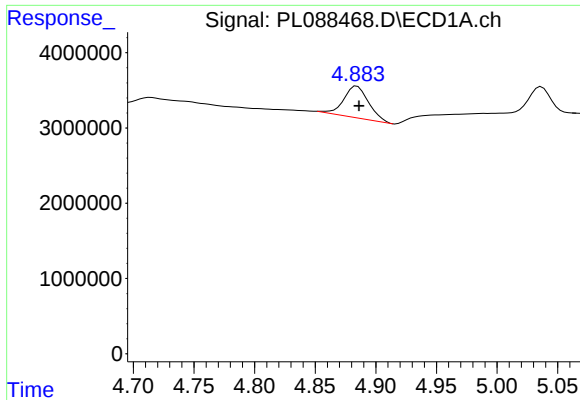
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 1788855
Conc: 0.95 ng/ml



#6 beta-BHC

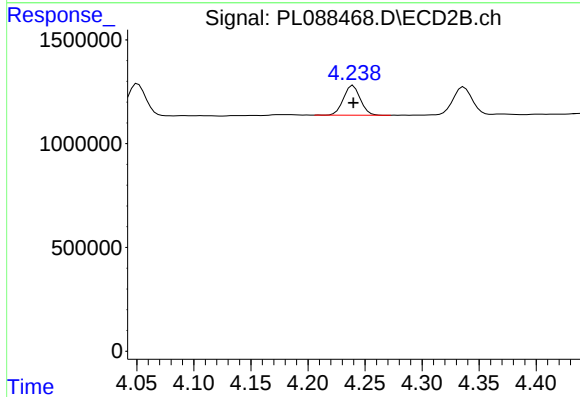
R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 799574
Conc: 0.83 ng/ml



#7 delta-BHC

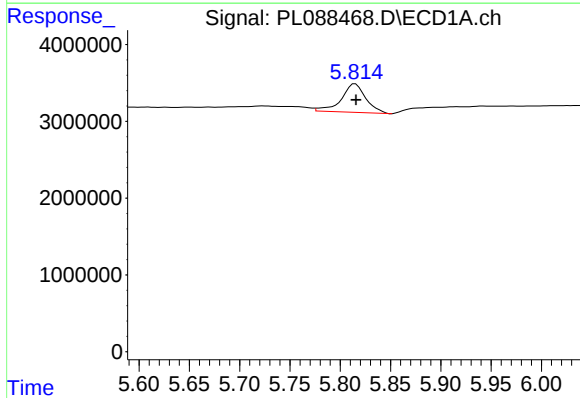
R.T.: 4.885 min
Delta R.T.: -0.002 min
Response: 5817733
Conc: 1.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



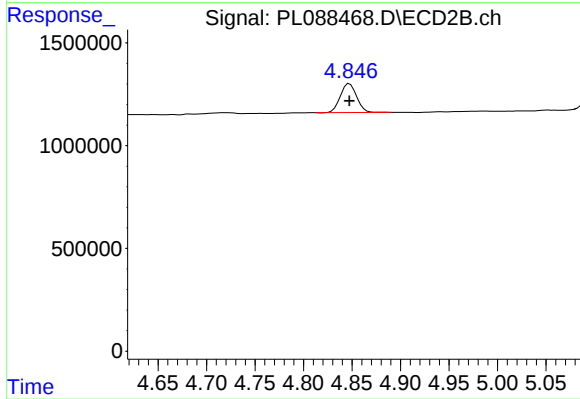
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 1469086
Conc: 0.72 ng/ml



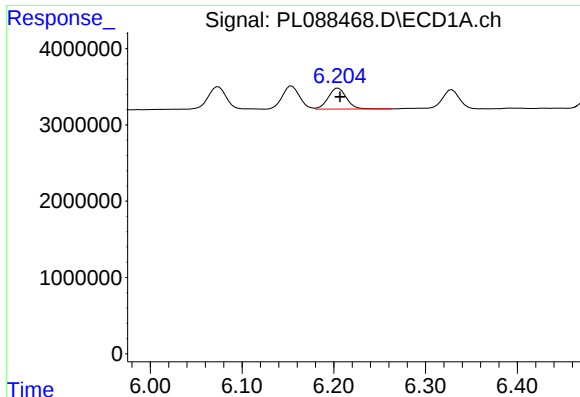
#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 6329758
Conc: 1.70 ng/ml



#8 Heptachlor epoxide

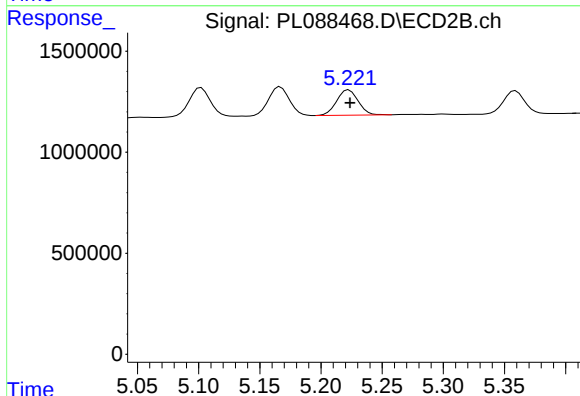
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 1650028
Conc: 0.93 ng/ml



#9 Endosulfan I

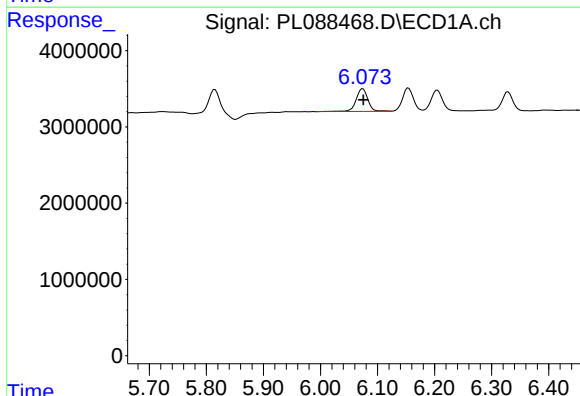
R.T.: 6.205 min
Delta R.T.: -0.002 min
Response: 3785498
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



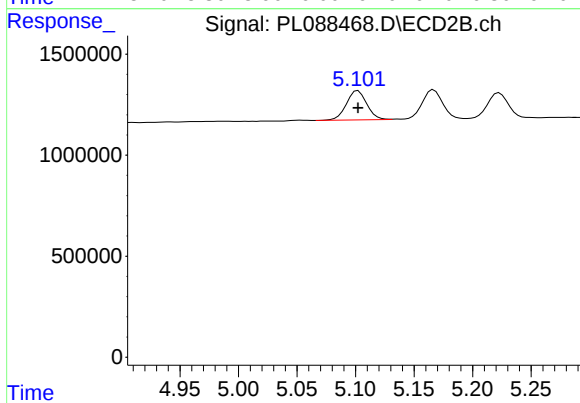
#9 Endosulfan I

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 1535225
Conc: 0.91 ng/ml



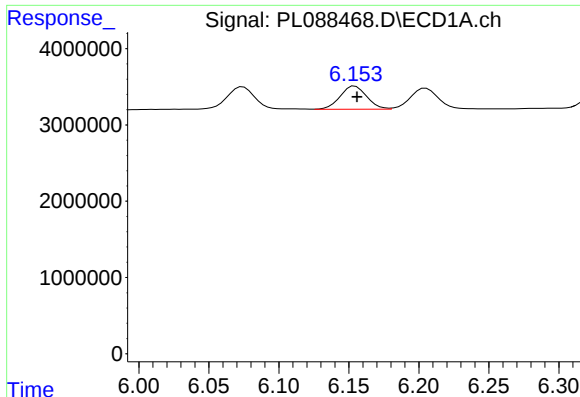
#10 trans-Chlordane

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 4290245
Conc: 1.25 ng/ml



#10 trans-Chlordane

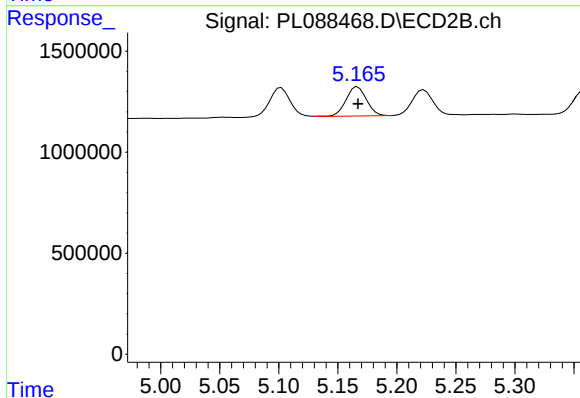
R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 1753777
Conc: 1.01 ng/ml



#11 cis-Chlordane

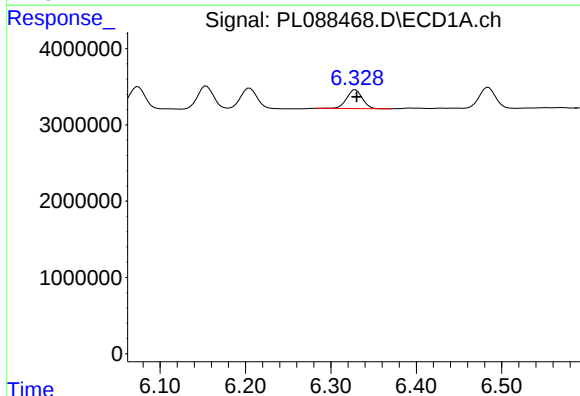
R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 4012434
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



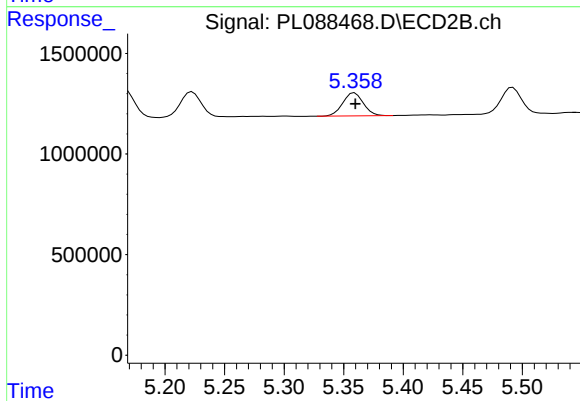
#11 cis-Chlordane

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 1752886
Conc: 0.98 ng/ml



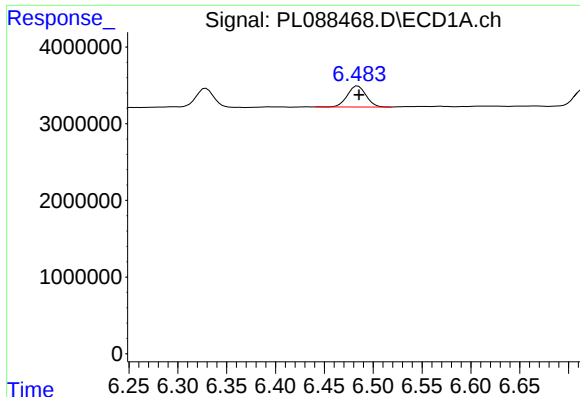
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 3170953
Conc: 1.01 ng/ml



#12 4,4'-DDE

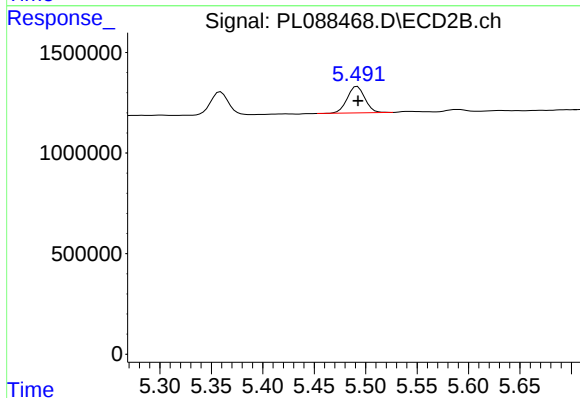
R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 1378559
Conc: 0.84 ng/ml



#13 Dieldrin

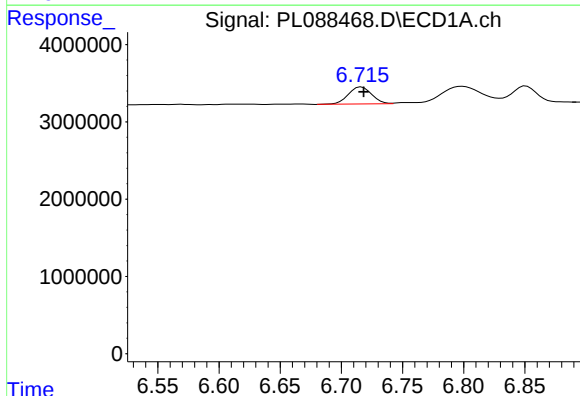
R.T.: 6.484 min
Delta R.T.: -0.001 min
Response: 3613767
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



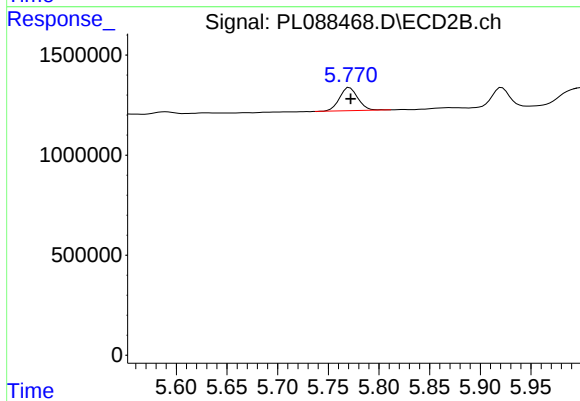
#13 Dieldrin

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 1585290
Conc: 0.84 ng/ml



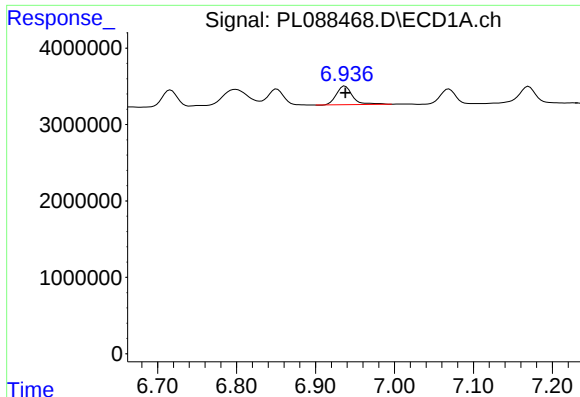
#14 Endrin

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 2947316
Conc: 1.00 ng/ml



#14 Endrin

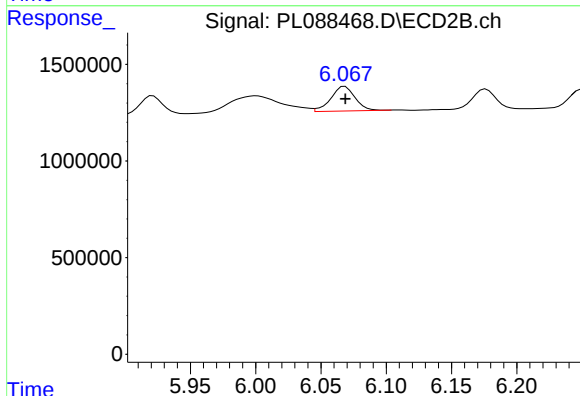
R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 1450369
Conc: 0.88 ng/ml



#15 Endosulfan II

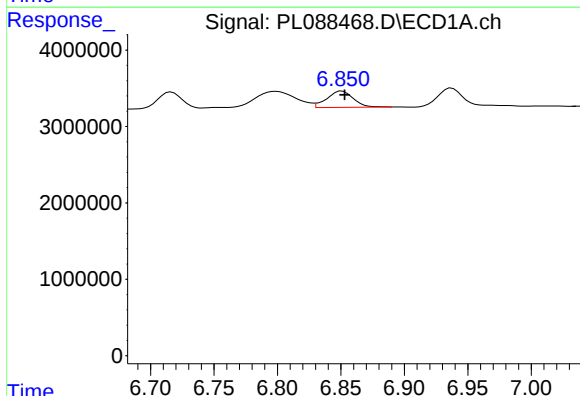
R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 3493236
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



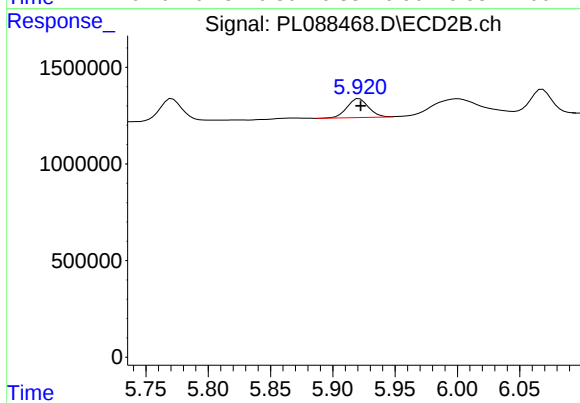
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 1639798
Conc: 1.04 ng/ml



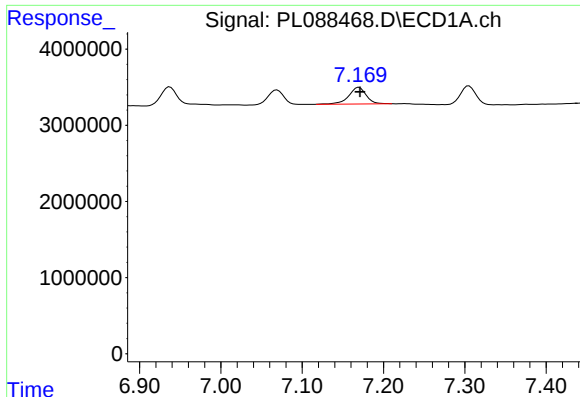
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 3088957
Conc: 1.15 ng/ml



#16 4,4'-DDD

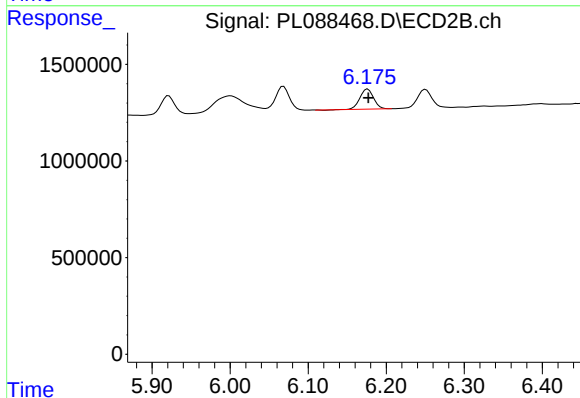
R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 1172243
Conc: 0.83 ng/ml



#17 4,4'-DDT

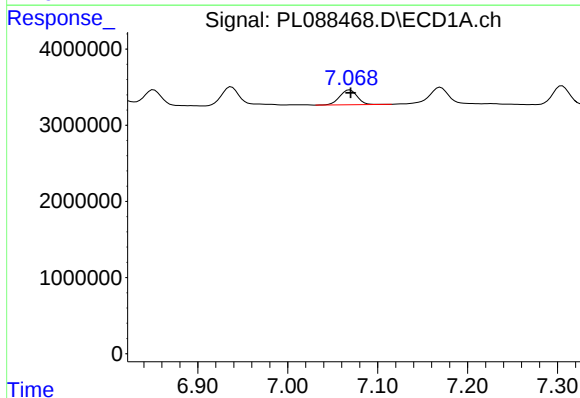
R.T.: 7.170 min
Delta R.T.: -0.001 min
Response: 3257048
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



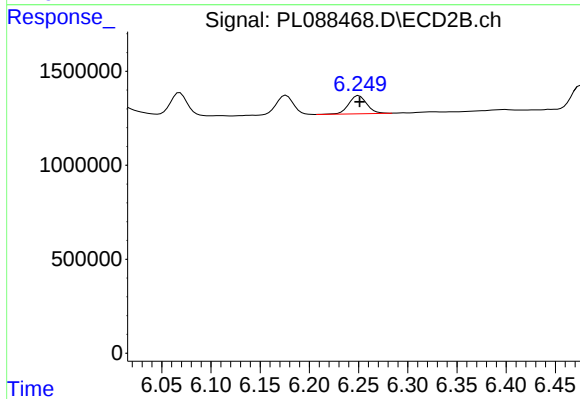
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 1273376
Conc: 0.81 ng/ml



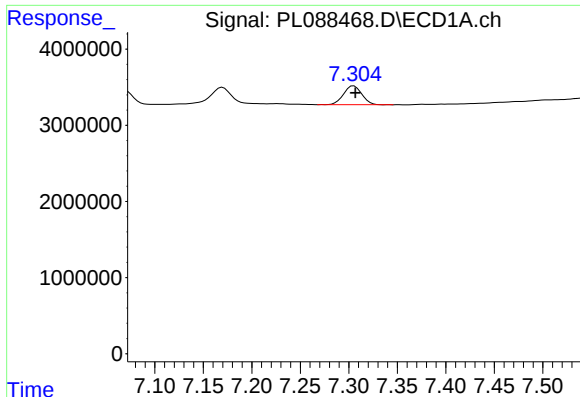
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.001 min
Response: 2644046
Conc: 1.21 ng/ml



#18 Endrin aldehyde

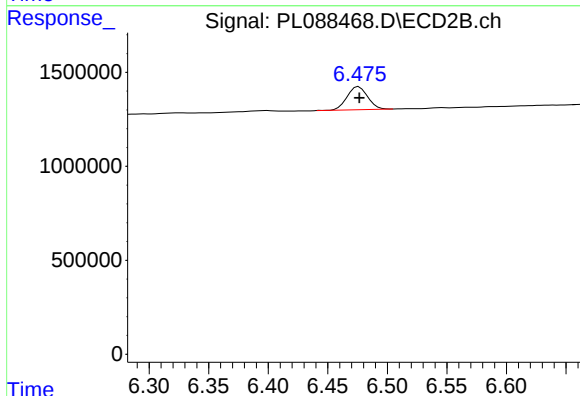
R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1227837
Conc: 1.05 ng/ml



#19 Endosulfan Sulfate

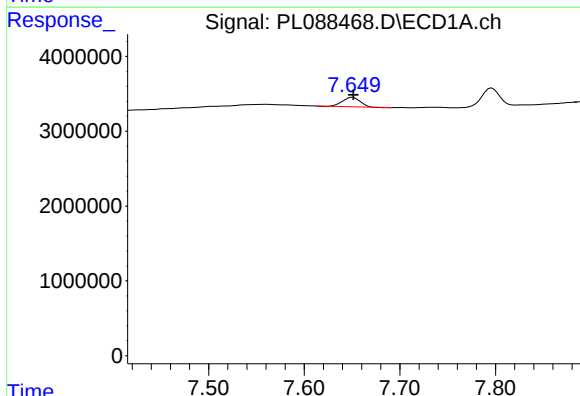
R.T.: 7.305 min
Delta R.T.: -0.002 min
Response: 3247774
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



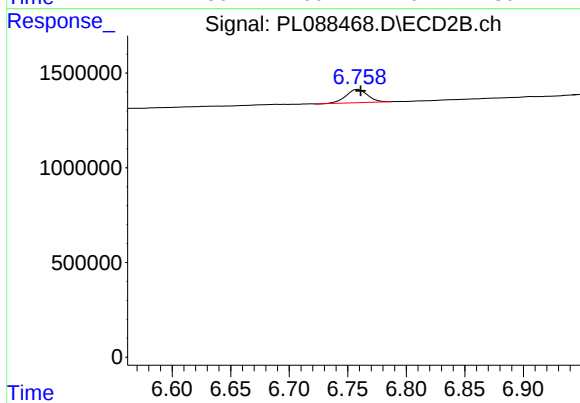
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 1472036
Conc: 0.97 ng/ml



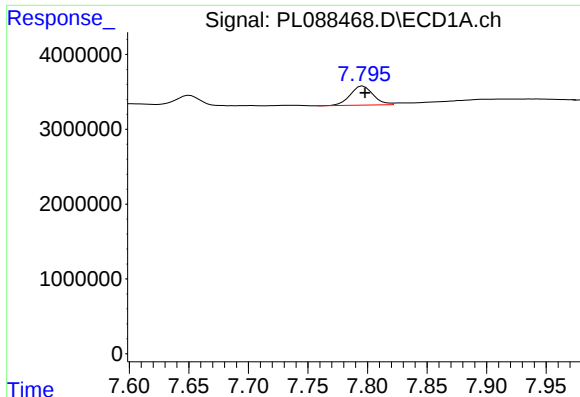
#20 Methoxychlor

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 1578152
Conc: 1.01 ng/ml



#20 Methoxychlor

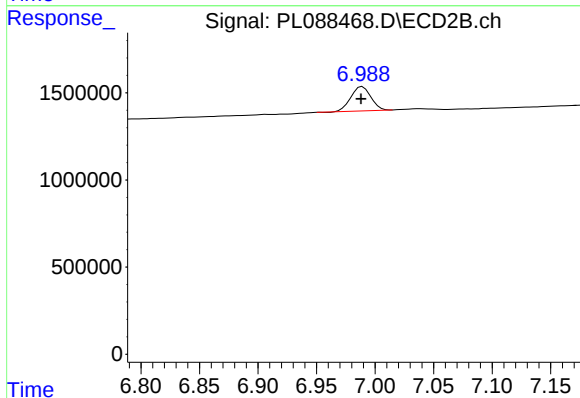
R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 882803
Conc: 1.02 ng/ml



#21 Endrin ketone

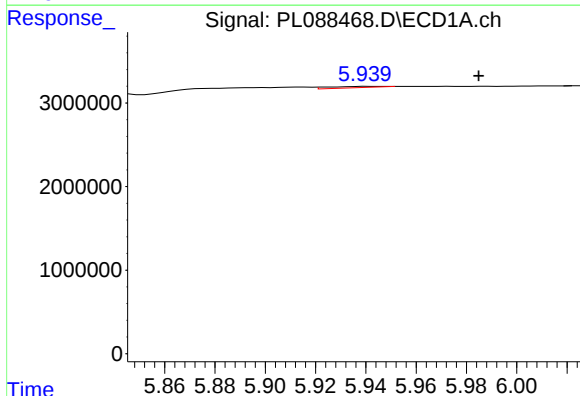
R.T.: 7.796 min
Delta R.T.: -0.002 min
Response: 3410219
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



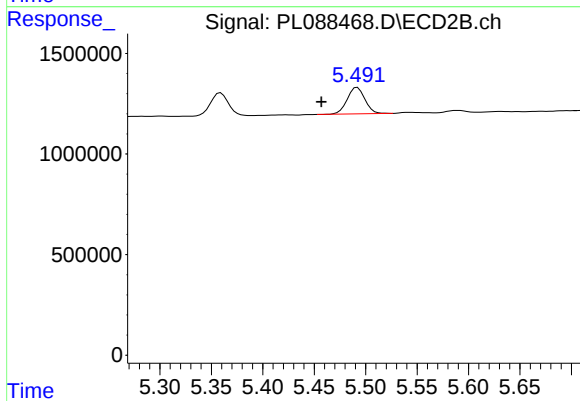
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: 0.001 min
Response: 1657479
Conc: 0.96 ng/ml



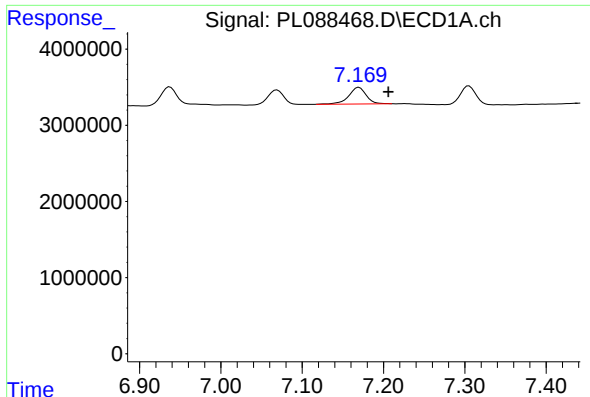
#22 Toxaphene-1

R.T.: 5.941 min
Delta R.T.: -0.044 min
Response: 227729
Conc: 20.69 ng/ml



#22 Toxaphene-1

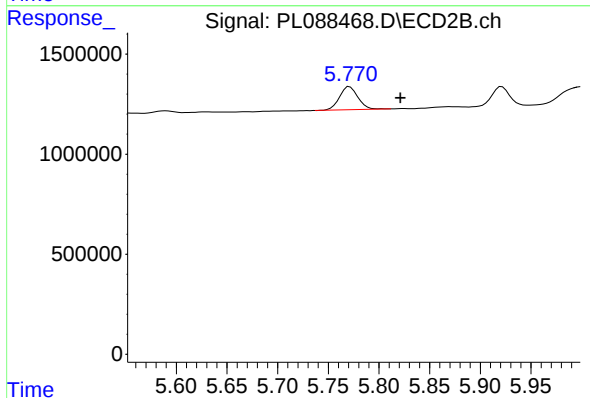
R.T.: 5.492 min
Delta R.T.: 0.035 min
Response: 1585290
Conc: 163.80 ng/ml



#23 Toxaphene-2

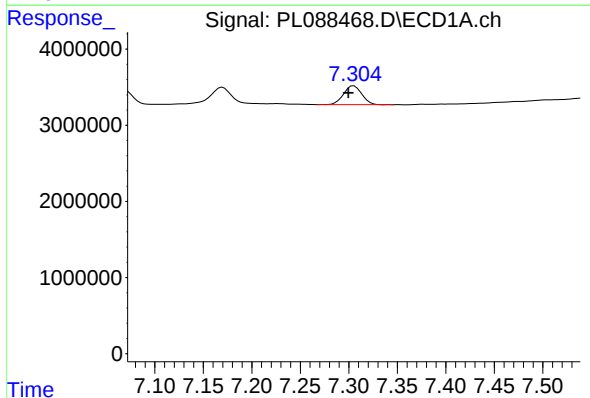
R.T.: 7.170 min
Delta R.T.: -0.036 min
Response: 3257048
Conc: 36.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



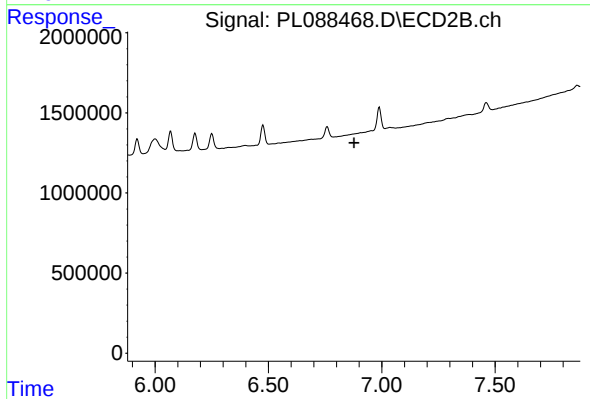
#23 Toxaphene-2

R.T.: 5.771 min
Delta R.T.: -0.050 min
Response: 1450369
Conc: 131.72 ng/ml



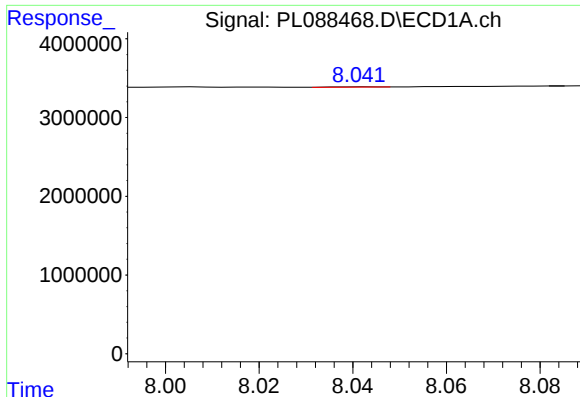
#24 Toxaphene-3

R.T.: 7.305 min
Delta R.T.: 0.006 min
Response: 3247774
Conc: 50.48 ng/ml



#24 Toxaphene-3

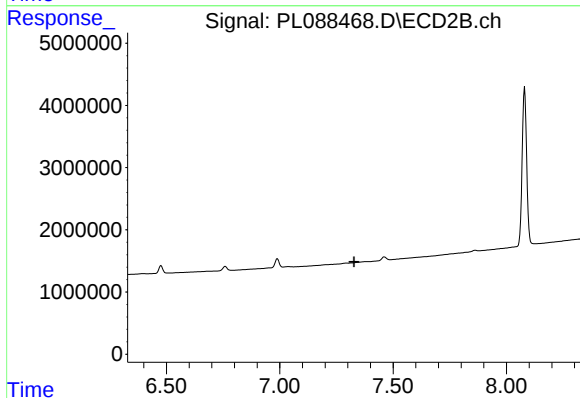
R.T.: 0.000 min
Exp R.T.: 6.877 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

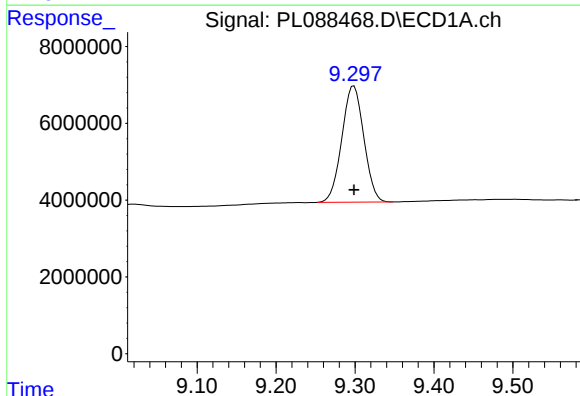
R.T.: 8.042 min
Delta R.T.: -0.051 min
Response: 24018
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



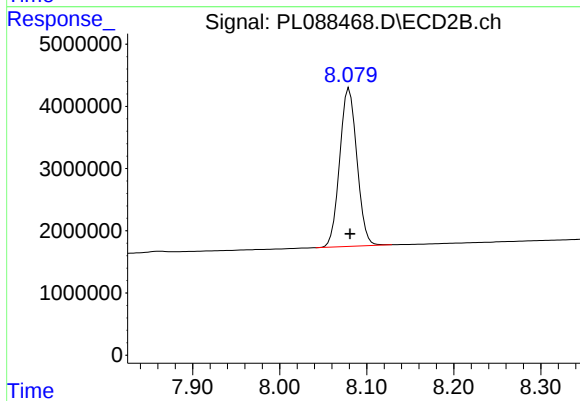
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 7.328 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.299 min
Delta R.T.: 0.000 min
Response: 58558396
Conc: 23.74 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.080 min
Delta R.T.: -0.001 min
Response: 35033066
Conc: 24.15 ng/ml