

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 11:00
 Operator : AR\AJ
 Sample : P3390-07
 Misc : PEST LOD 1PPB/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:49:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.581	2.771	18686084	107.5E6	18.275	18.689
28)	SA Decachlor...	9.136f	7.894	40279116	129.5E6	17.644	20.159
Target Compounds							
2)	A alpha-BHC	4.038f	3.270	1628967	8700480	0.829	0.981
3)	MA gamma-BHC...	4.372f	3.598	1727250	8713550	0.894	1.090
4)	MA Heptachlor	4.964f	3.936	1652939	8402116	0.831	1.034
5)	MB Aldrin	5.307f	4.215	2057060	8166344	1.011	1.017
6)	B beta-BHC	4.570f	3.895	590071	4791346	0.744	1.362 #
7)	B delta-BHC	4.817f	4.124	2272409	8802144	1.250	1.058
8)	B Heptachlo...	5.736f	4.716	1864911	8836920	1.046	1.230
9)	A Endosulfan I	6.124f	5.085	2093710	7145248	1.083	1.036
10)	B gamma-Chl...	5.993f	4.965	3500838	8621699	1.751	1.137 #
11)	B alpha-Chl...	6.034f	5.029	318627	8559606	0.160	1.146 #
12)	B 4,4'-DDE	6.244f	5.217	2037150	8623865	1.022	1.210
13)	MA Dieldrin	6.399f	5.348	2029500	8120531	0.984	1.082
14)	MA Endrin	6.630f	5.624	966146	7184037	0.541	1.086 #
15)	B Endosulfa...	6.849f	5.918	1994389	7330465	1.044	1.147
16)	A 4,4'-DDD	6.763f	5.770	1490840	6483173	0.984	1.171
17)	MA 4,4'-DDT	7.078f	6.020	1224460	4832448	0.713	0.842
18)	B Endrin al...	6.981f	6.097	1404888	5977079	0.956	1.191
19)	B Endosulfa...	7.216f	6.320	1617021	7221726	0.890	1.180 #
20)	A Methoxychlor	7.555f	6.595	732579	2663033	0.743	0.903
21)	B Endrin ke...	7.702f	6.825	1993975	7961637	0.965	1.176
22)	Mirex	8.179f	7.005	1805959	6687114	1.109	1.234
24)	Chlordane-2	5.263	4.343	66996	945747	0.964	3.370 #
25)	Chlordane-3	5.993	4.965	3500838	8621699	11.515	11.084
26)	Chlordane-4	6.072	5.029	2419701	8559606	6.581	11.167 #
27)	Chlordane-5	0.000	5.918	0	7330465	N.D.	26.532 #

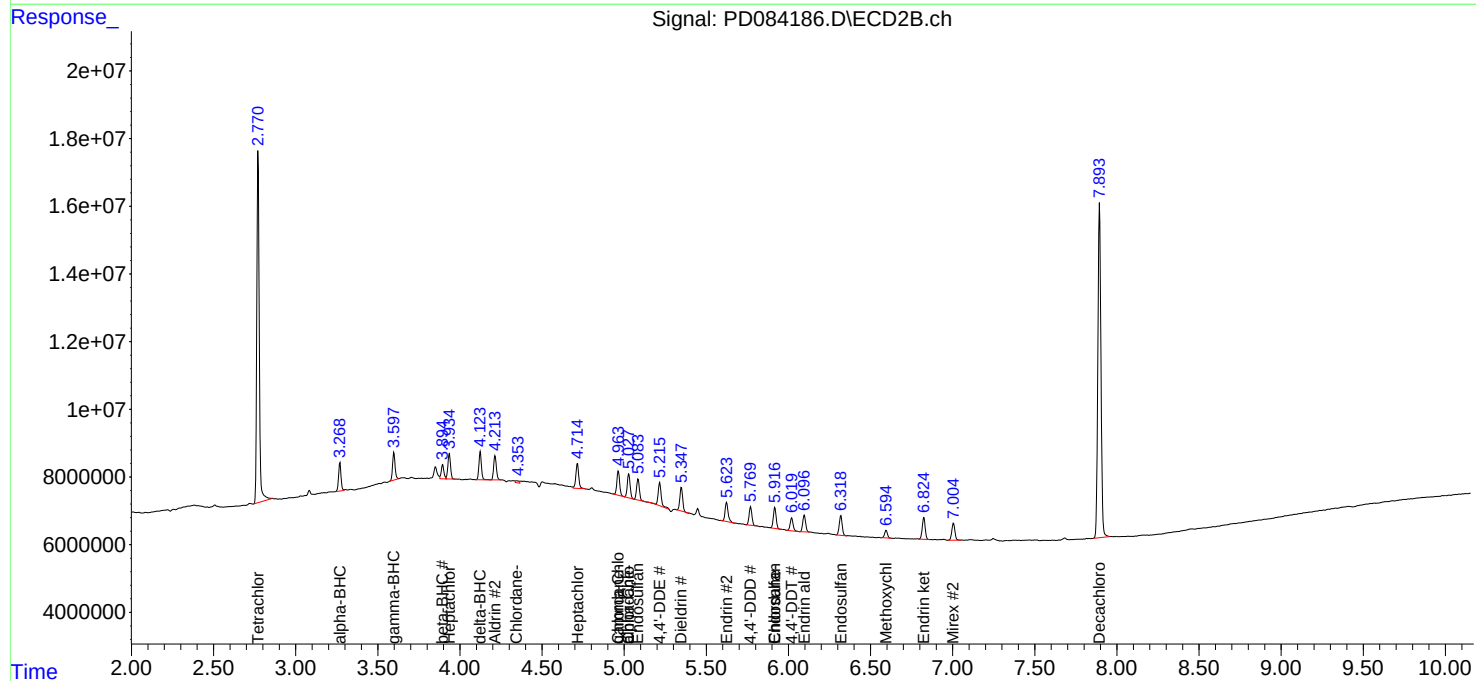
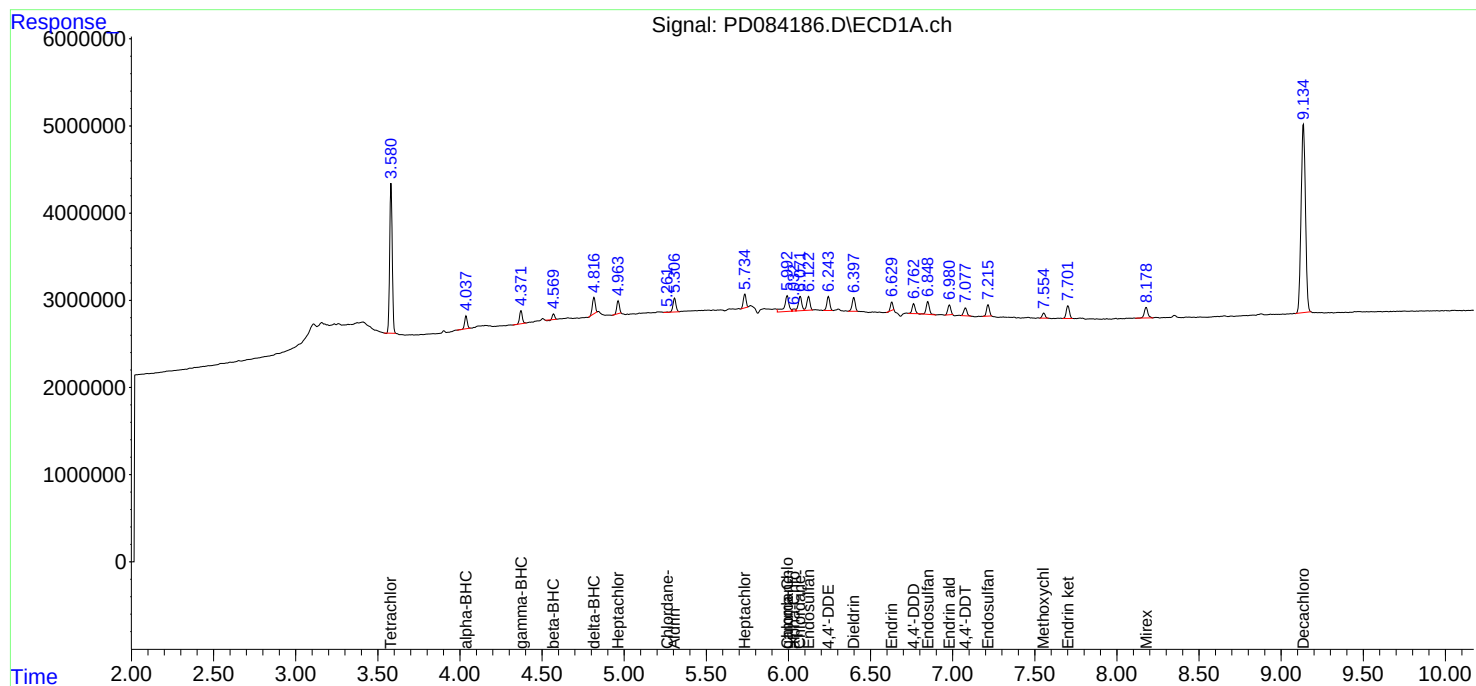
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

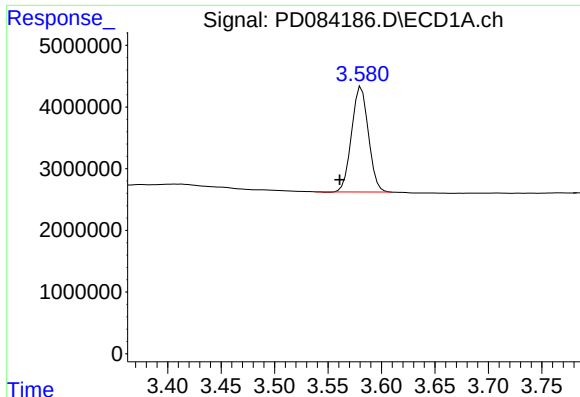
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
Data File : PD084186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 11:00
Operator : AR\AJ
Sample : P3390-07
Misc : PEST LOD 1PPB/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 23:49:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:22:06 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

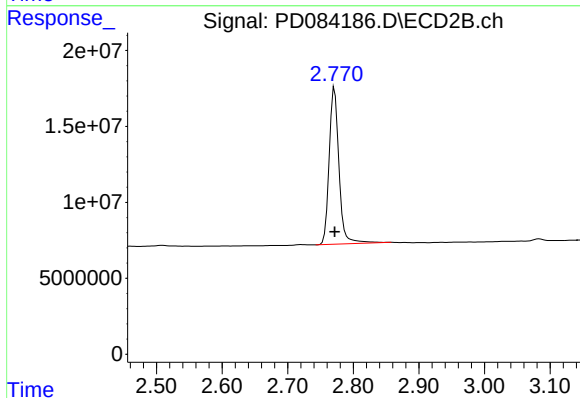




#1 Tetrachloro-m-xylene

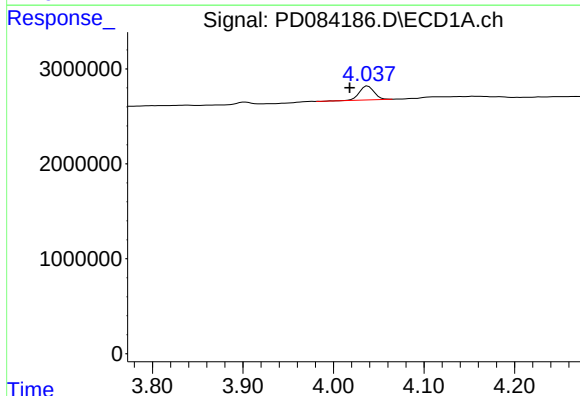
R.T.: 3.581 min
Delta R.T.: 0.020 min
Response: 18686084
Conc: 18.27 ng/ml

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



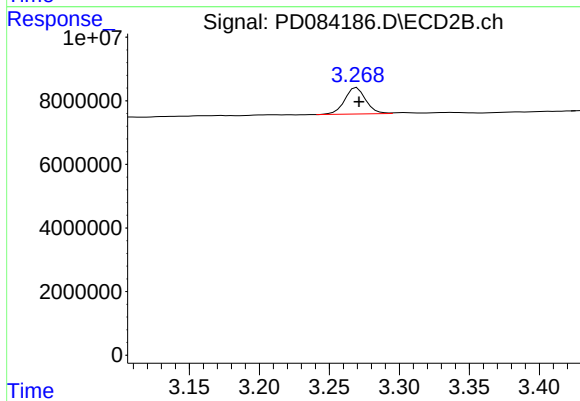
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 107457147
Conc: 18.69 ng/ml



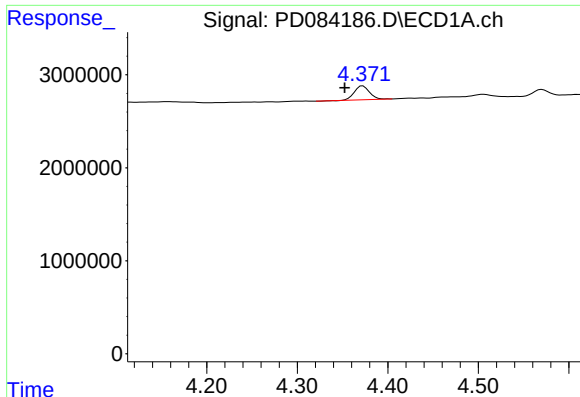
#2 alpha-BHC

R.T.: 4.038 min
Delta R.T.: 0.020 min
Response: 1628967
Conc: 0.83 ng/ml



#2 alpha-BHC

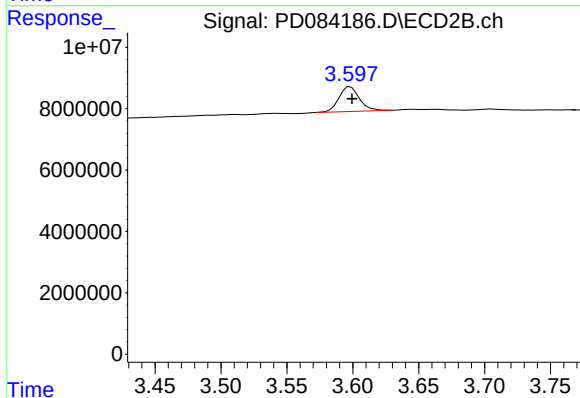
R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 8700480
Conc: 0.98 ng/ml



#3 gamma-BHC (Lindane)

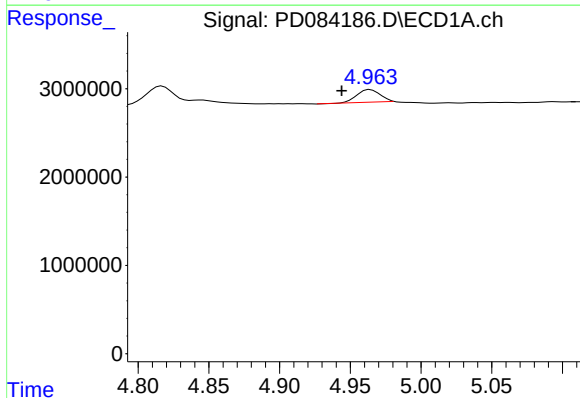
R.T.: 4.372 min
Delta R.T.: 0.020 min
Response: 1727250
Conc: 0.89 ng/ml

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



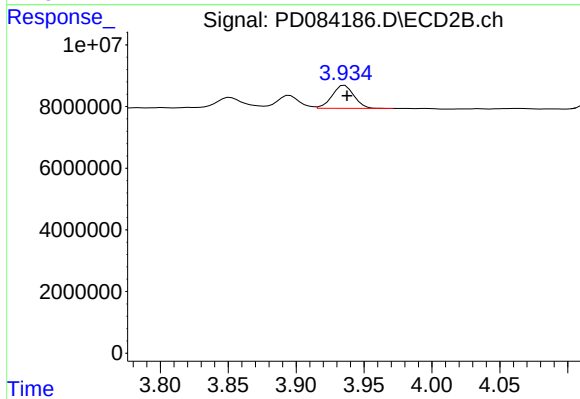
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 8713550
Conc: 1.09 ng/ml



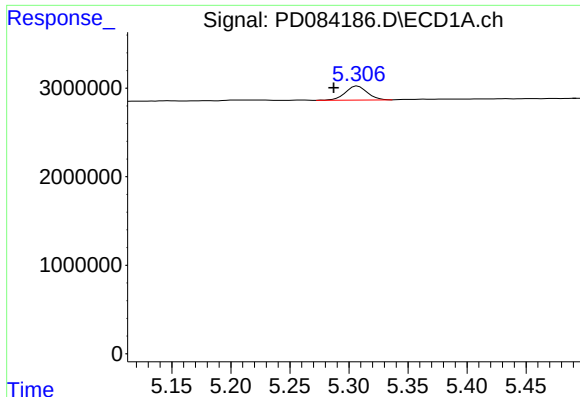
#4 Heptachlor

R.T.: 4.964 min
Delta R.T.: 0.020 min
Response: 1652939
Conc: 0.83 ng/ml



#4 Heptachlor

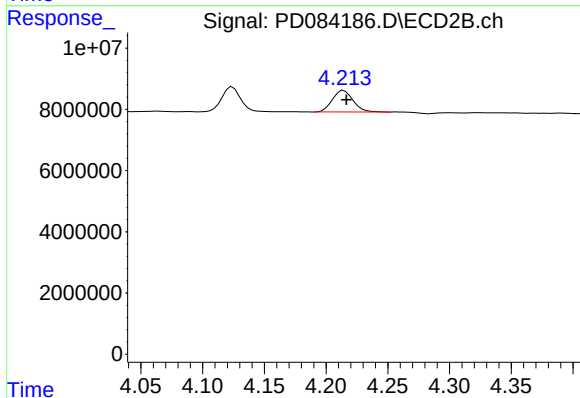
R.T.: 3.936 min
Delta R.T.: -0.002 min
Response: 8402116
Conc: 1.03 ng/ml



#5 Aldrin

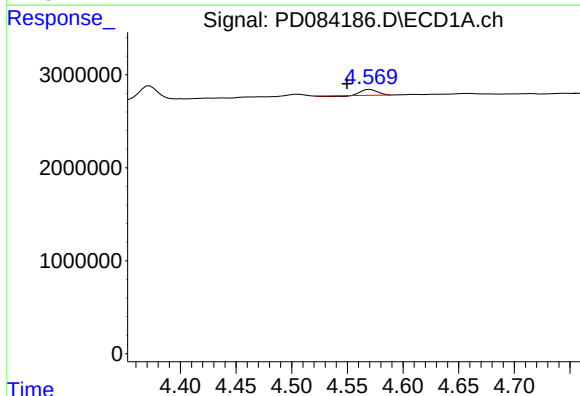
R.T.: 5.307 min
Delta R.T.: 0.020 min
Response: 2057060
Conc: 1.01 ng/ml

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



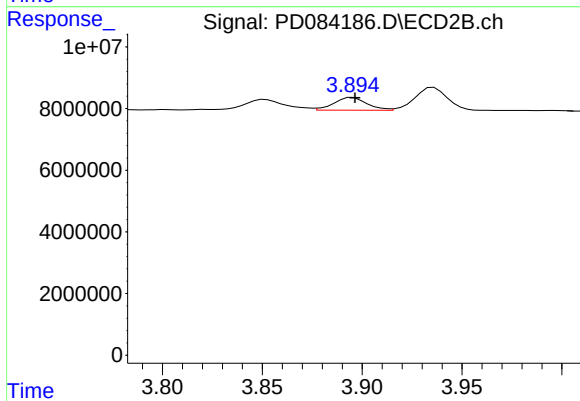
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 8166344
Conc: 1.02 ng/ml



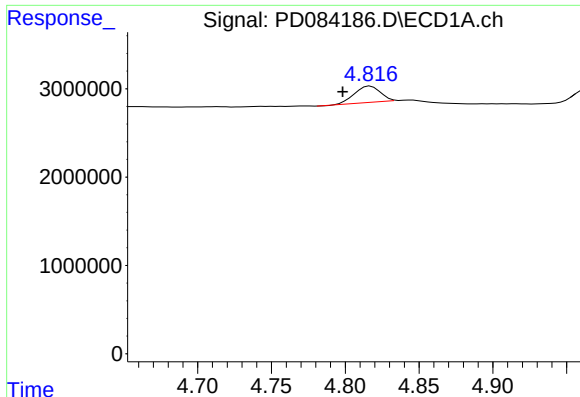
#6 beta-BHC

R.T.: 4.570 min
Delta R.T.: 0.021 min
Response: 590071
Conc: 0.74 ng/ml



#6 beta-BHC

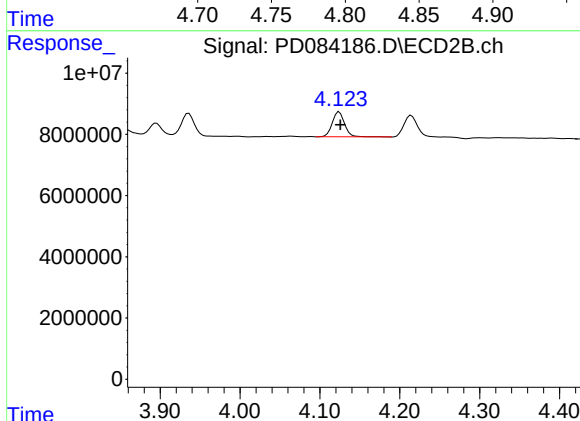
R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 4791346
Conc: 1.36 ng/ml



#7 delta-BHC

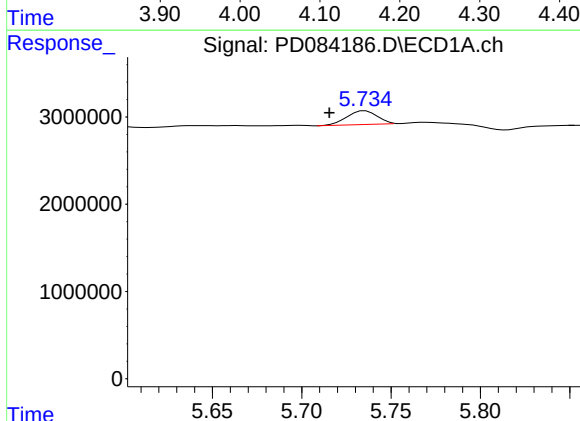
R.T.: 4.817 min
Delta R.T.: 0.019 min
Response: 2272409
Conc: 1.25 ng/ml

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



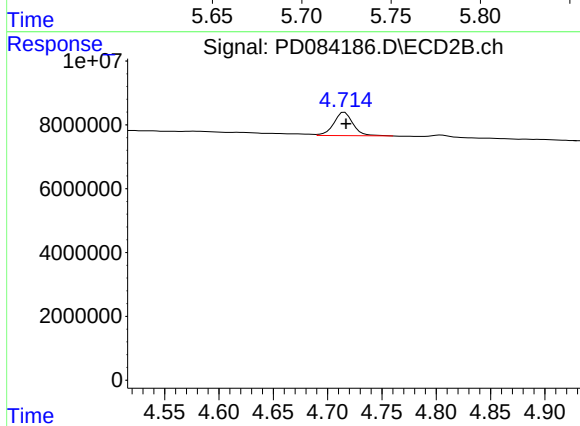
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: -0.001 min
Response: 8802144
Conc: 1.06 ng/ml



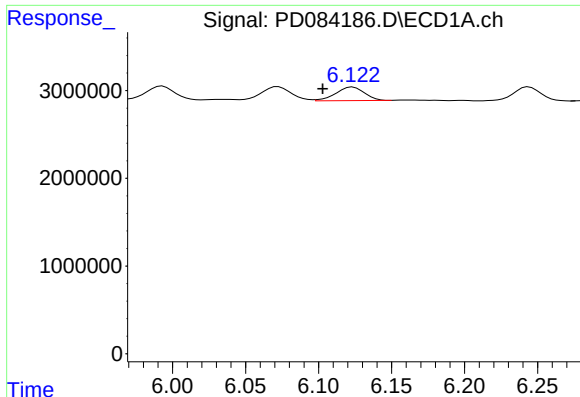
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: 0.020 min
Response: 1864911
Conc: 1.05 ng/ml



#8 Heptachlor epoxide

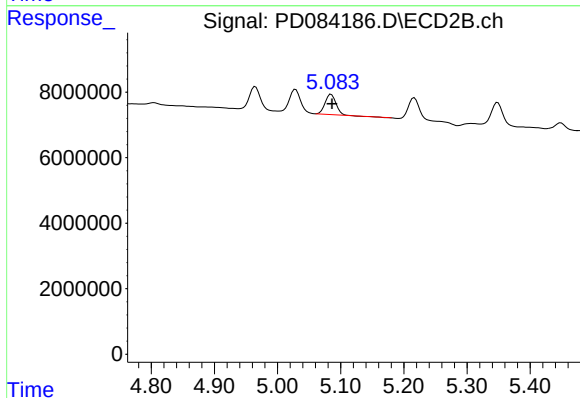
R.T.: 4.716 min
Delta R.T.: -0.001 min
Response: 8836920
Conc: 1.23 ng/ml



#9 Endosulfan I

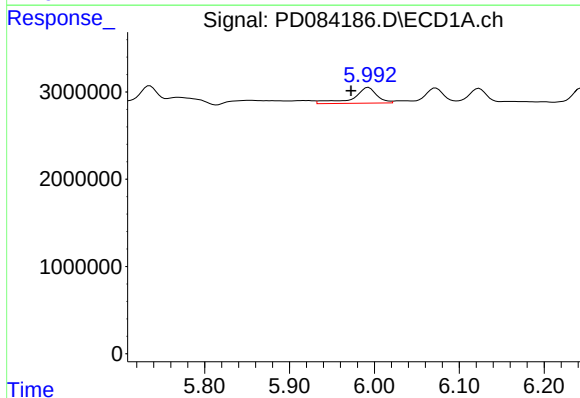
R.T.: 6.124 min
Delta R.T.: 0.021 min
Response: 2093710
Conc: 1.08 ng/ml

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



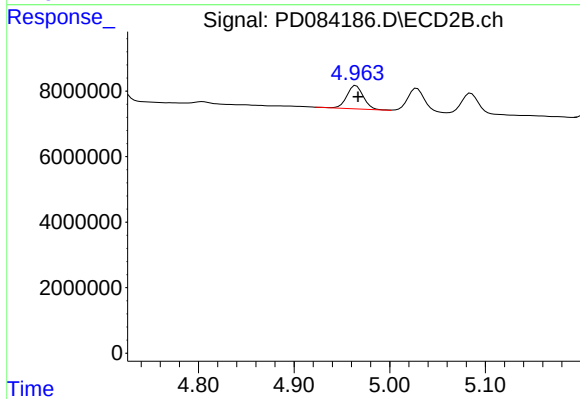
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 7145248
Conc: 1.04 ng/ml



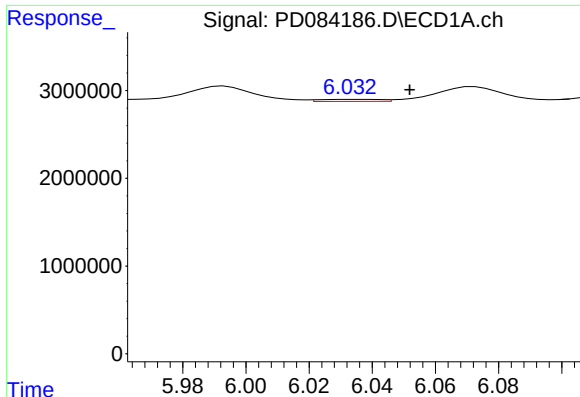
#10 gamma-Chlordane

R.T.: 5.993 min
Delta R.T.: 0.021 min
Response: 3500838
Conc: 1.75 ng/ml



#10 gamma-Chlordane

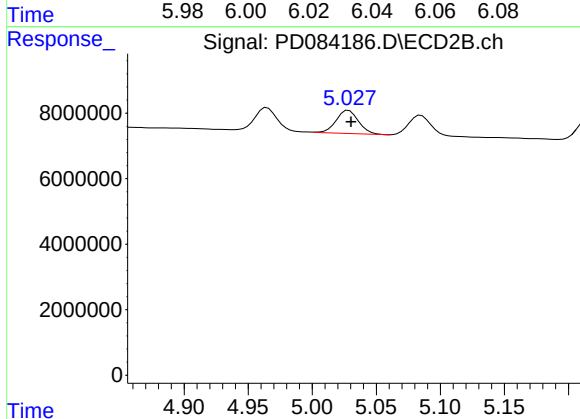
R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 8621699
Conc: 1.14 ng/ml



#11 alpha-Chlordane

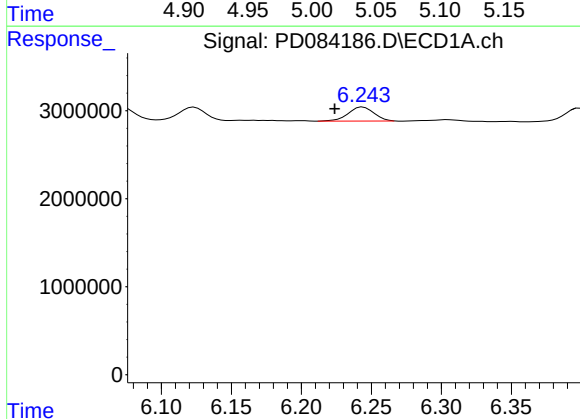
R.T.: 6.034 min
Delta R.T.: -0.018 min
Response: 318627
Conc: 0.16 ng/ml

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



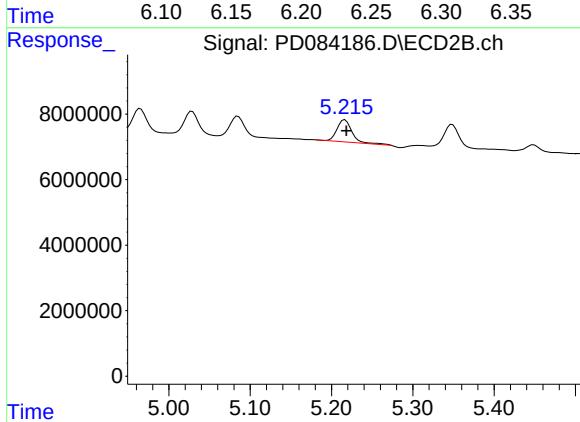
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 8559606
Conc: 1.15 ng/ml



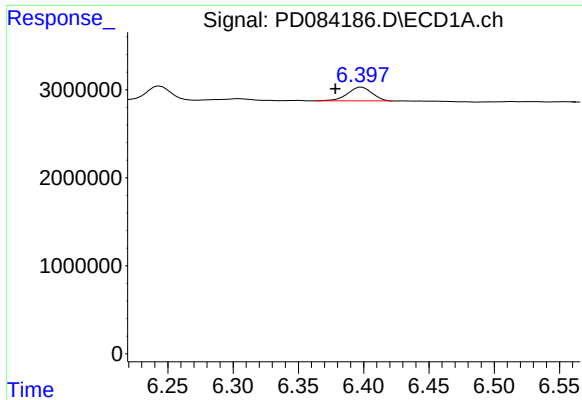
#12 4,4'-DDE

R.T.: 6.244 min
Delta R.T.: 0.020 min
Response: 2037150
Conc: 1.02 ng/ml



#12 4,4'-DDE

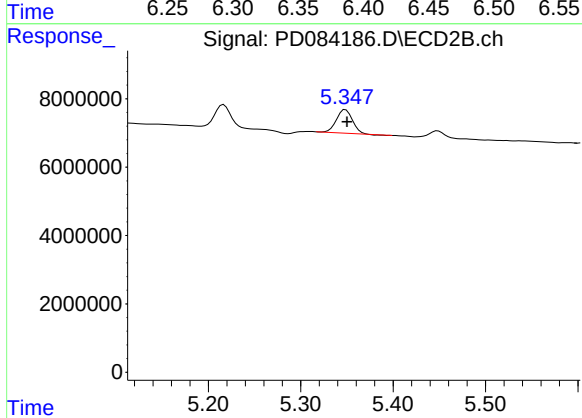
R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 8623865
Conc: 1.21 ng/ml



#13 Dieldrin

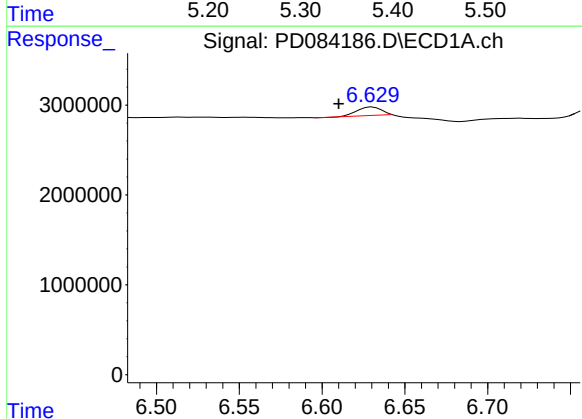
R.T.: 6.399 min
Delta R.T.: 0.020 min
Response: 2029500
Conc: 0.98 ng/ml

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



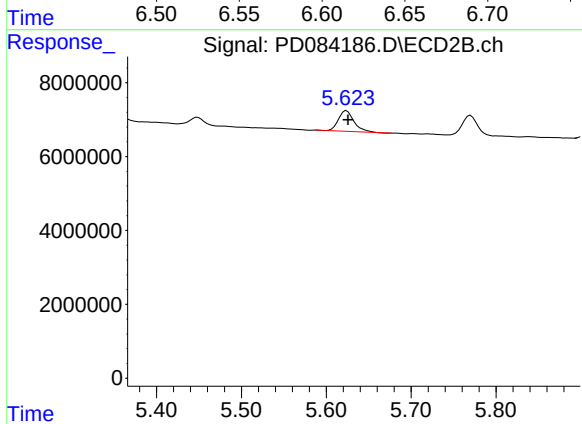
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 8120531
Conc: 1.08 ng/ml



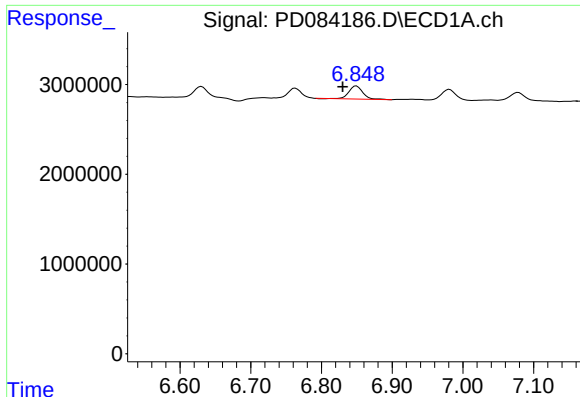
#14 Endrin

R.T.: 6.630 min
Delta R.T.: 0.020 min
Response: 966146
Conc: 0.54 ng/ml



#14 Endrin

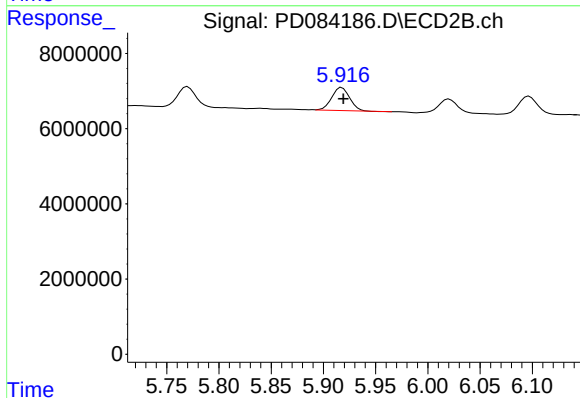
R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 7184037
Conc: 1.09 ng/ml



#15 Endosulfan II

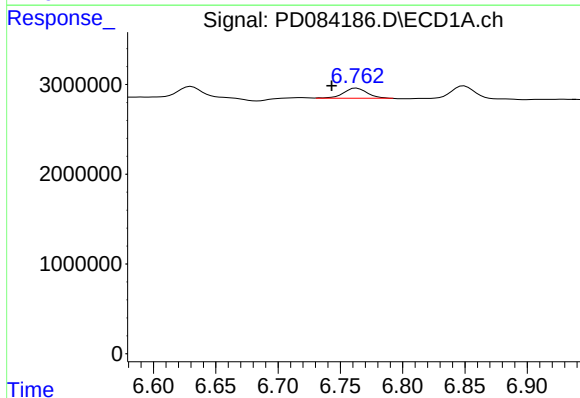
R.T.: 6.849 min
Delta R.T.: 0.019 min
Response: 1994389
Conc: 1.04 ng/ml

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



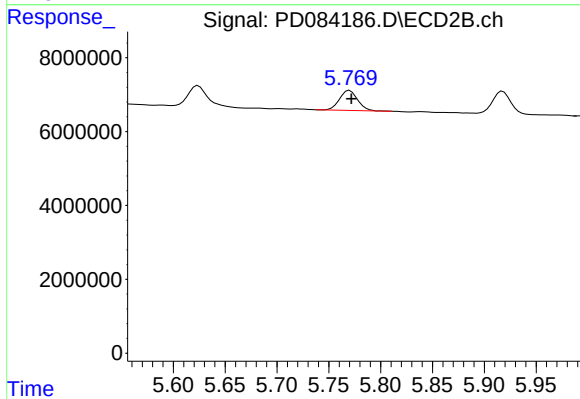
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 7330465
Conc: 1.15 ng/ml



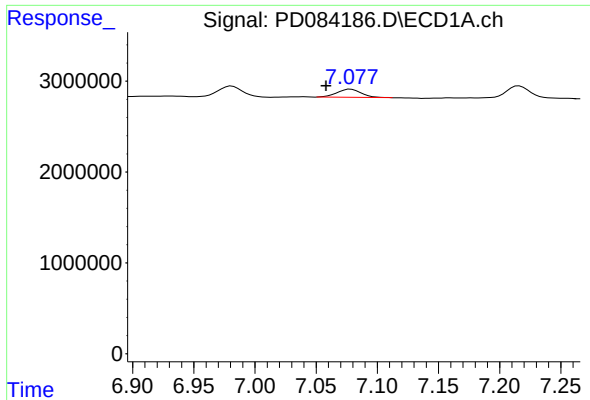
#16 4,4'-DDD

R.T.: 6.763 min
Delta R.T.: 0.020 min
Response: 1490840
Conc: 0.98 ng/ml



#16 4,4'-DDD

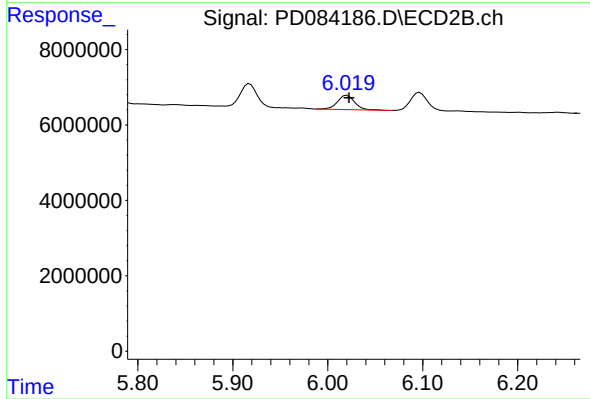
R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 6483173
Conc: 1.17 ng/ml



#17 4,4'-DDT

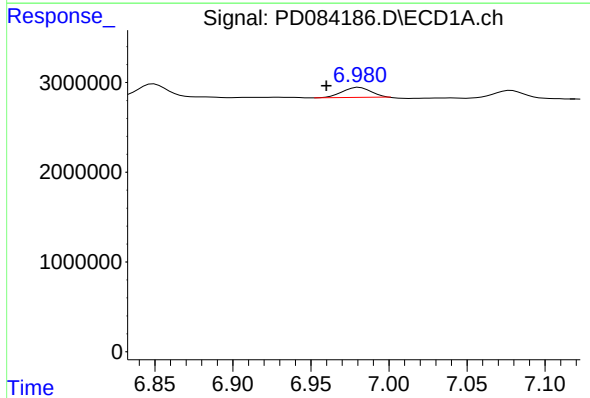
R.T.: 7.078 min
Delta R.T.: 0.020 min
Response: 1224460
Conc: 0.71 ng/ml

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



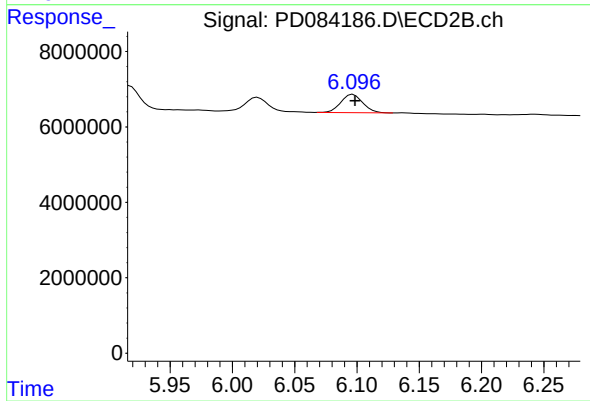
#17 4,4'-DDT

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 4832448
Conc: 0.84 ng/ml



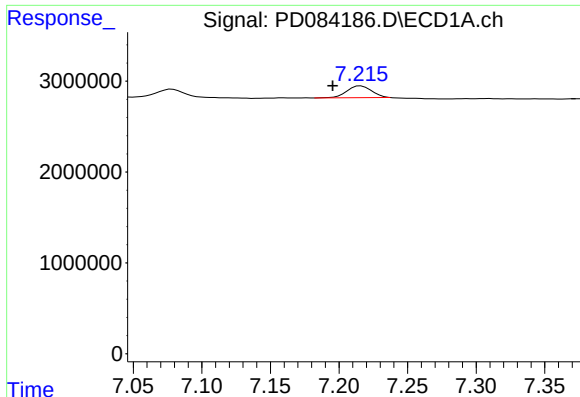
#18 Endrin aldehyde

R.T.: 6.981 min
Delta R.T.: 0.021 min
Response: 1404888
Conc: 0.96 ng/ml



#18 Endrin aldehyde

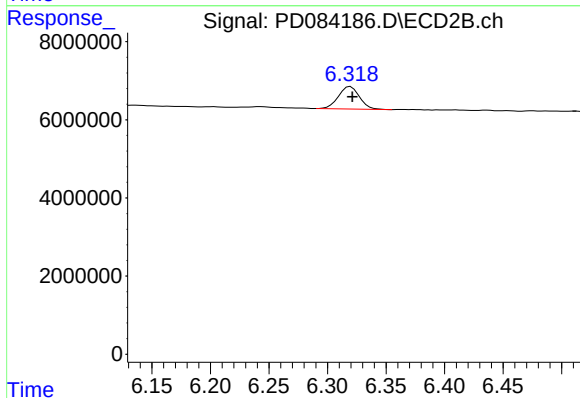
R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 5977079
Conc: 1.19 ng/ml



#19 Endosulfan Sulfate

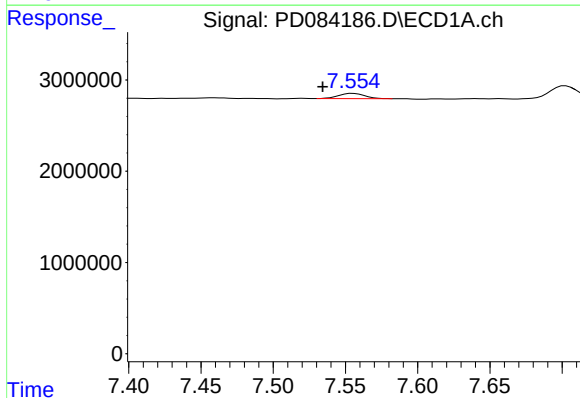
R.T.: 7.216 min
Delta R.T.: 0.021 min
Response: 1617021
Conc: 0.89 ng/ml

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



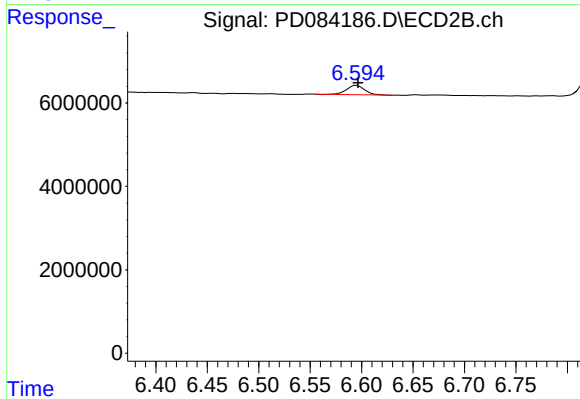
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 7221726
Conc: 1.18 ng/ml



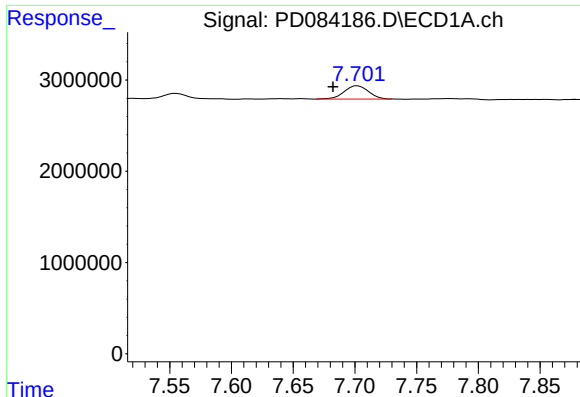
#20 Methoxychlor

R.T.: 7.555 min
Delta R.T.: 0.021 min
Response: 732579
Conc: 0.74 ng/ml



#20 Methoxychlor

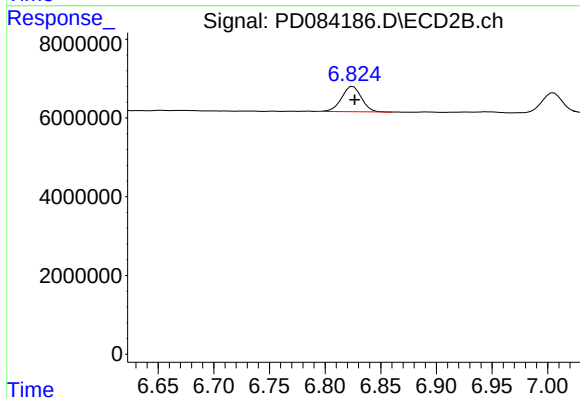
R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 2663033
Conc: 0.90 ng/ml



#21 Endrin ketone

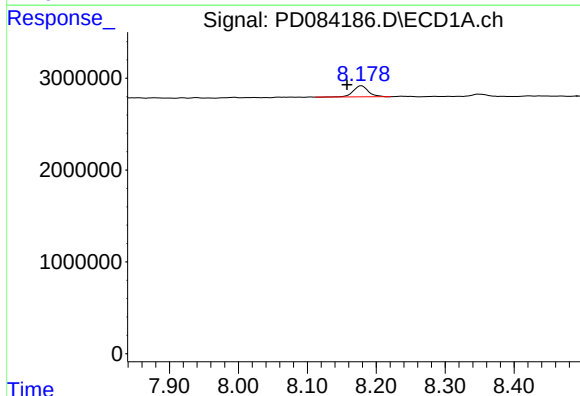
R.T.: 7.702 min
Delta R.T.: 0.020 min
Response: 1993975
Conc: 0.97 ng/ml

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



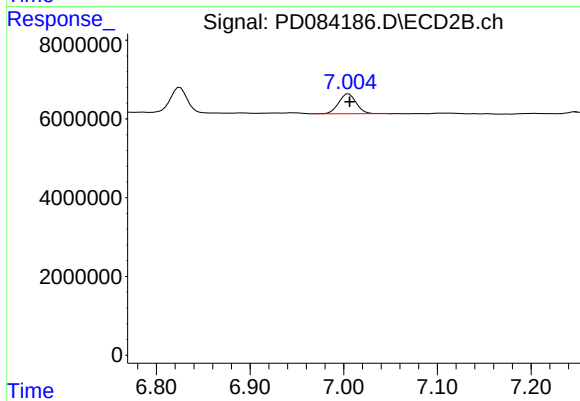
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 7961637
Conc: 1.18 ng/ml



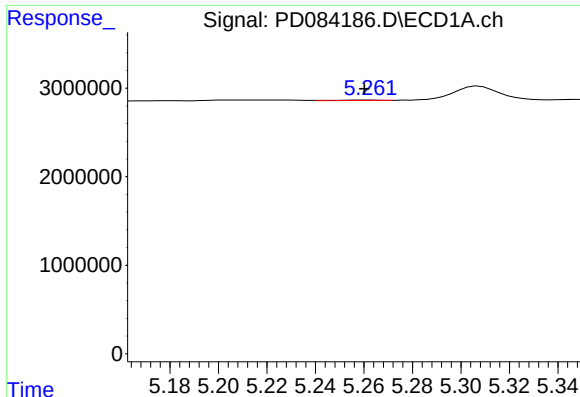
#22 Mirex

R.T.: 8.179 min
Delta R.T.: 0.021 min
Response: 1805959
Conc: 1.11 ng/ml



#22 Mirex

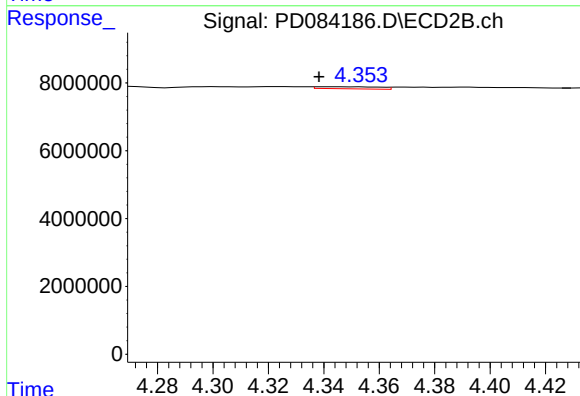
R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 6687114
Conc: 1.23 ng/ml



#24 Chlordane-2

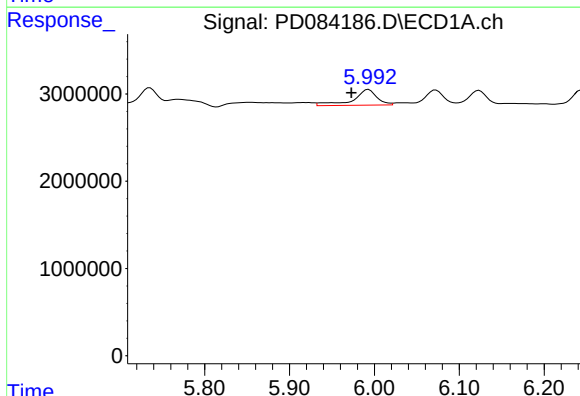
R.T.: 5.263 min
Delta R.T.: 0.003 min
Response: 66996
Conc: 0.96 ng/ml

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



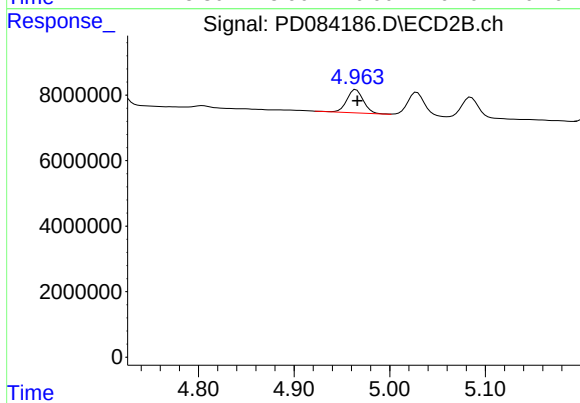
#24 Chlordane-2

R.T.: 4.343 min
Delta R.T.: 0.005 min
Response: 945747
Conc: 3.37 ng/ml



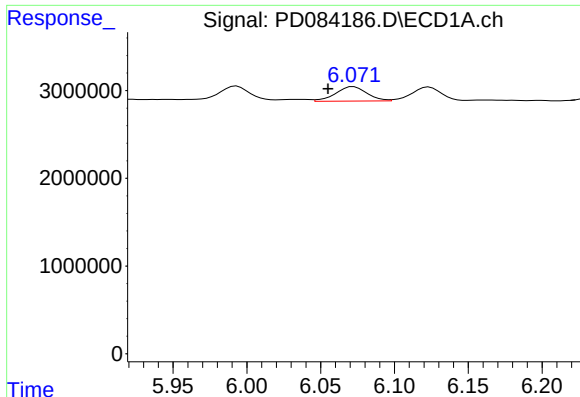
#25 Chlordane-3

R.T.: 5.993 min
Delta R.T.: 0.020 min
Response: 3500838
Conc: 11.51 ng/ml



#25 Chlordane-3

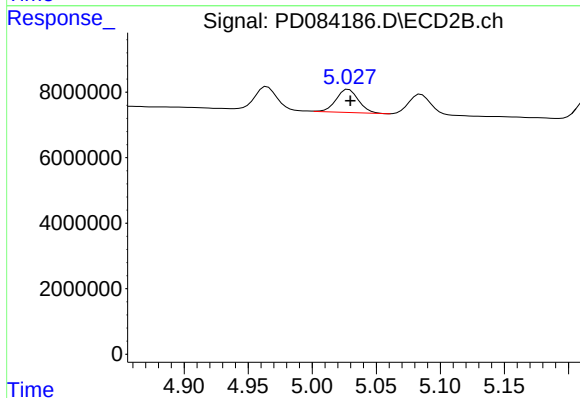
R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 8621699
Conc: 11.08 ng/ml



#26 Chlordane-4

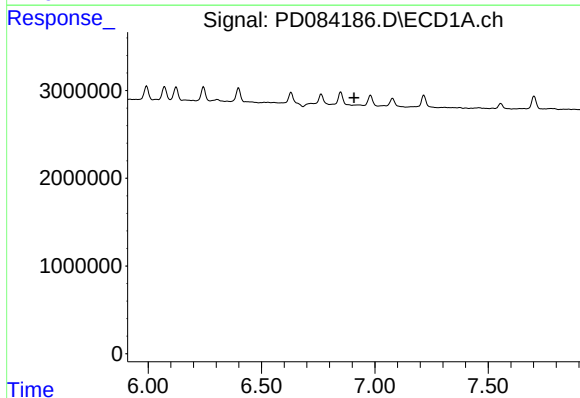
R.T.: 6.072 min
Delta R.T.: 0.017 min
Response: 2419701
Conc: 6.58 ng/ml

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



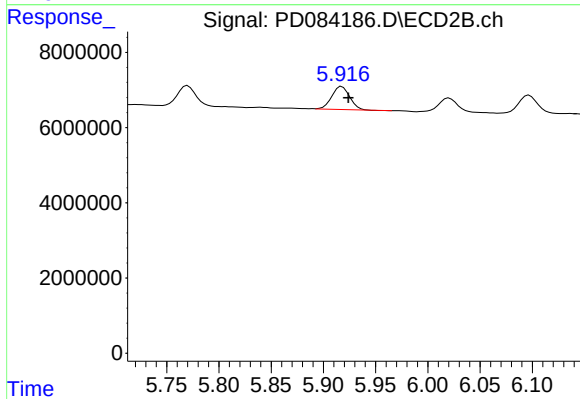
#26 Chlordane-4

R.T.: 5.029 min
Delta R.T.: -0.001 min
Response: 8559606
Conc: 11.17 ng/ml



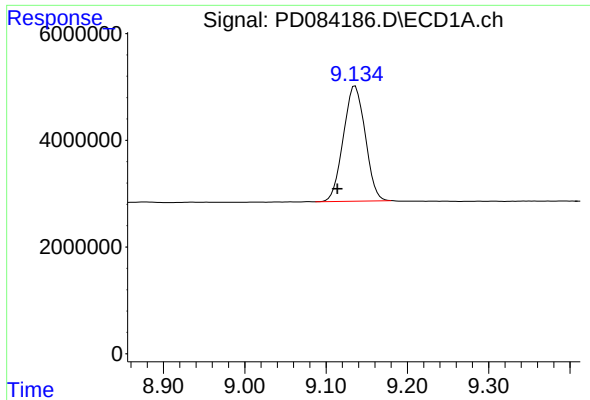
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.908 min
Response: 0
Conc: N.D.



#27 Chlordane-5

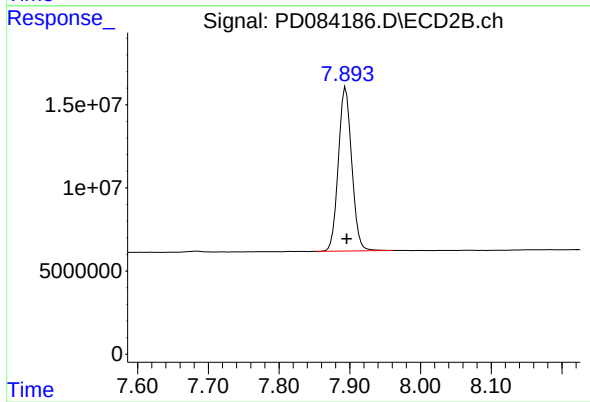
R.T.: 5.918 min
Delta R.T.: -0.006 min
Response: 7330465
Conc: 26.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.136 min
Delta R.T.: 0.022 min
Response: 40279116
Conc: 17.64 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 129460866
Conc: 20.16 ng/ml