

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084188.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 11:40
 Operator : AR\AJ
 Sample : P3390-07
 Misc : PEST LOD 2.5PPB/WATER
 ALS Vial : 10 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 23:50:06 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...	3.568	2.769	18245882	101.0E6	17.844	17.561
28)	SA Decachlor...	9.123	7.895	40192968	127.0E6	17.606	19.771
Target Compounds							
2)	A alpha-BHC	4.025	3.269	3806225	19505312	1.938	2.200
3)	MA gamma-BHC...	4.360	3.597	3969523	19311055	2.054	2.415
4)	MA Heptachlor	4.952	3.935	4772278	19226429	2.399	2.367
5)	MB Aldrin	5.295	4.214	4928962	18910029	2.422	2.355
6)	B beta-BHC	4.557	3.895	2013454	9418337	2.538	2.677
7)	B delta-BHC	4.806	4.123	3975984	19612166	2.187	2.357
8)	B Heptachlo...	5.722	4.715	4551089	19380600	2.553	2.697
9)	A Endosulfan I	6.110	5.084	4801892	17899301	2.483	2.596
10)	B gamma-Chl...	5.980	4.964	6482634	19511388	3.242	2.574
11)	B alpha-Chl...	6.060	5.028	5339951	19586394	2.678	2.623
12)	B 4,4'-DDE	6.231	5.216	4897942	19042932	2.457	2.673
13)	MA Dieldrin	6.387	5.348	4820707	18755841	2.337	2.498
14)	MA Endrin	6.617	5.624	3634350	15550880	2.036	2.352
15)	B Endosulfa...	6.837	5.918	4760649	16905802	2.493	2.646
16)	A 4,4'-DDD	6.750	5.770	3665261	15452658	2.419	2.790
17)	MA 4,4'-DDT	7.066	6.021	2986297	10948773	1.739	1.909
18)	B Endrin al...	6.967	6.098	3632115	13759338	2.473	2.742
19)	B Endosulfa...	7.202	6.320	4352652	16420123	2.396	2.683
20)	A Methoxychlor	7.542	6.596	2062839	6431782	2.094	2.180
21)	B Endrin ke...	7.689	6.826	5041004	18618522	2.441	2.750
22)	Mirex	8.165	7.005	4282922	15500236	2.630	2.860
23)	Chlordane-1	0.000	3.768	0	74703	N.D.	0.319 #
24)	Chlordane-2	0.000	4.327	0	503427	N.D.	1.794 #
25)	Chlordane-3	5.980	4.964	6482634	19511388	21.322	25.084
26)	Chlordane-4	6.060	5.028	5339951	19586394	14.523	25.554 #
27)	Chlordane-5	0.000	5.918	0	16905802	N.D.	61.190 #

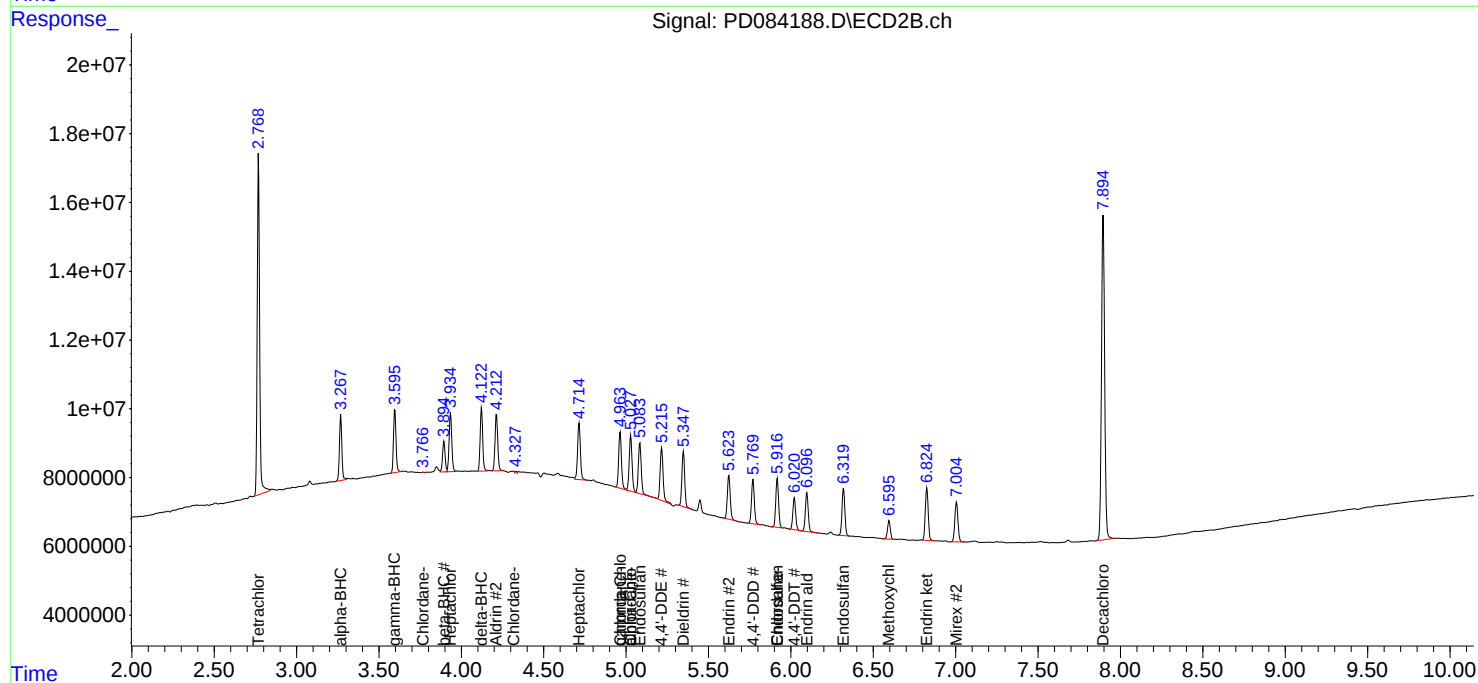
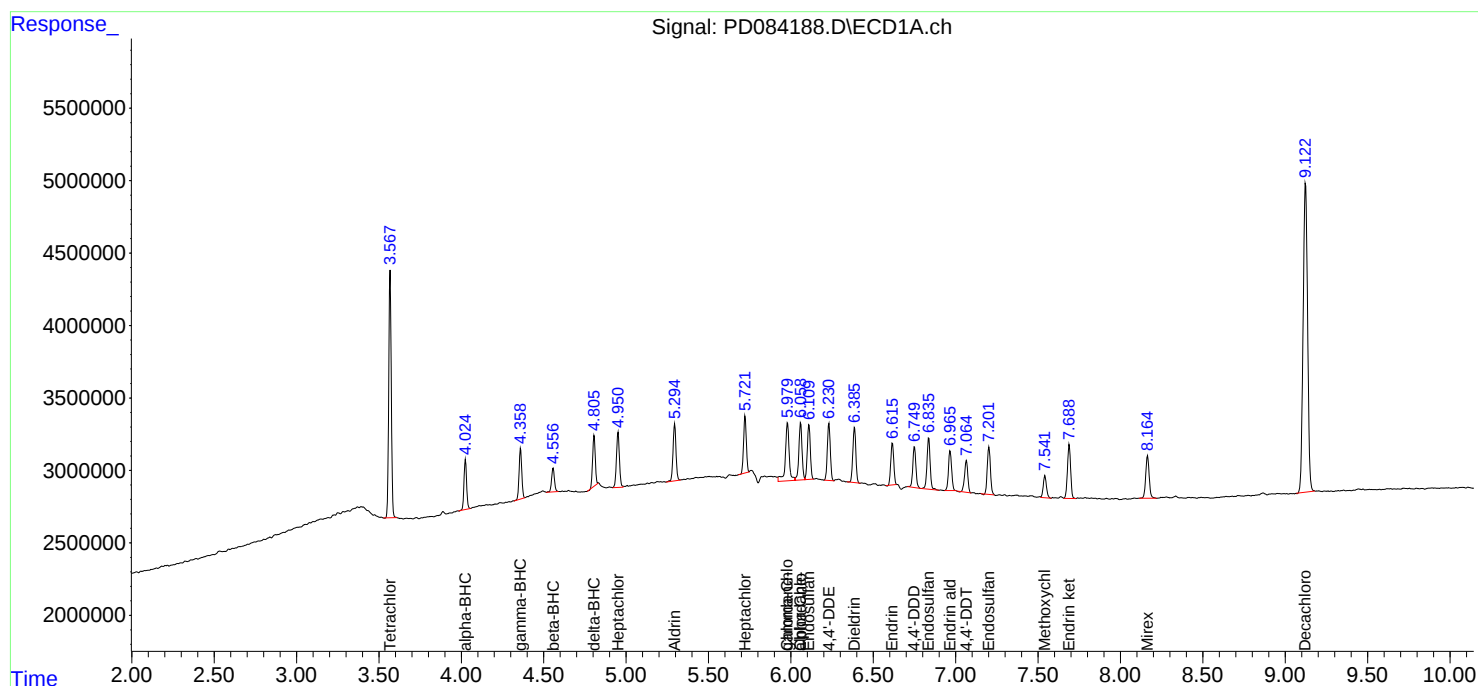
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

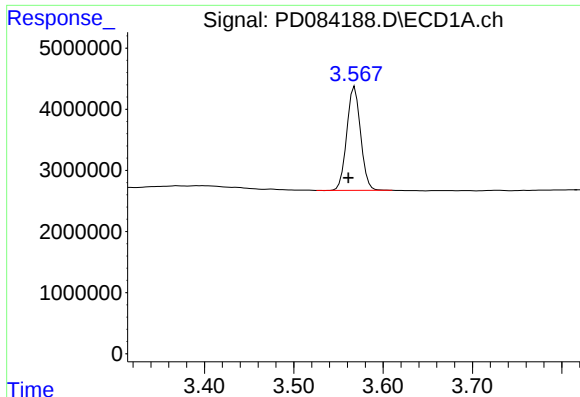
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
Data File : PD084188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 11:40
Operator : AR\AJ
Sample : P3390-07
Misc : PEST LOD 2.5PPB/WATER
ALS Vial : 10 Sample Multiplier: 1

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 23:50:06 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

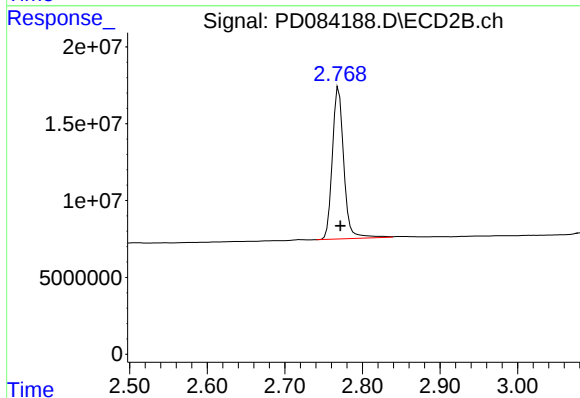




#1 Tetrachloro-m-xylene

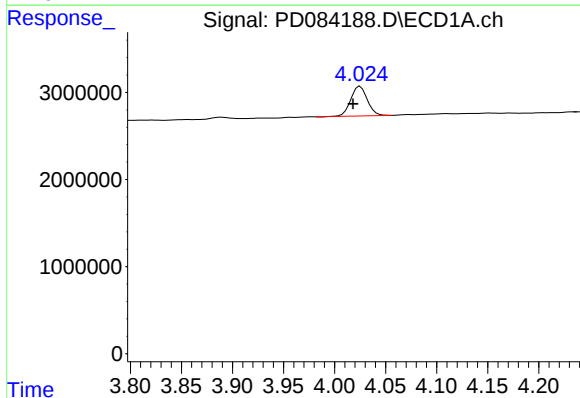
R.T.: 3.568 min
Delta R.T.: 0.007 min
Response: 18245882
Conc: 17.84 ng/ml

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



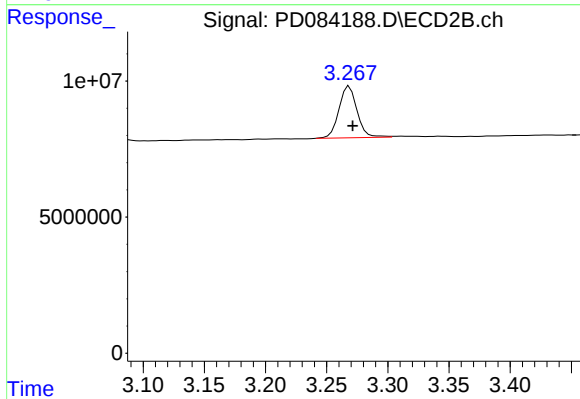
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.002 min
Response: 100967325
Conc: 17.56 ng/ml



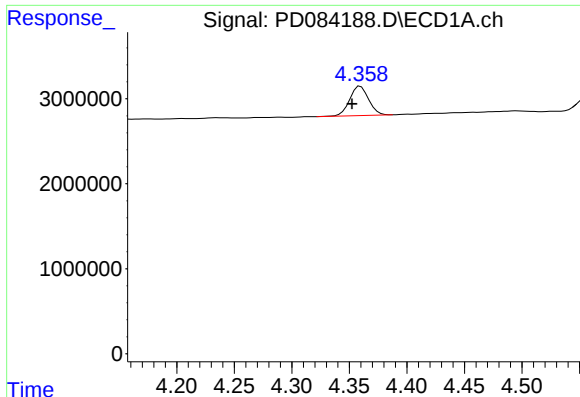
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.007 min
Response: 3806225
Conc: 1.94 ng/ml



#2 alpha-BHC

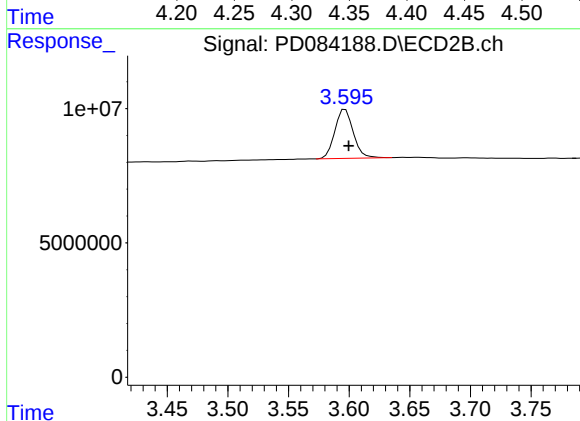
R.T.: 3.269 min
Delta R.T.: -0.003 min
Response: 19505312
Conc: 2.20 ng/ml



#3 gamma-BHC (Lindane)

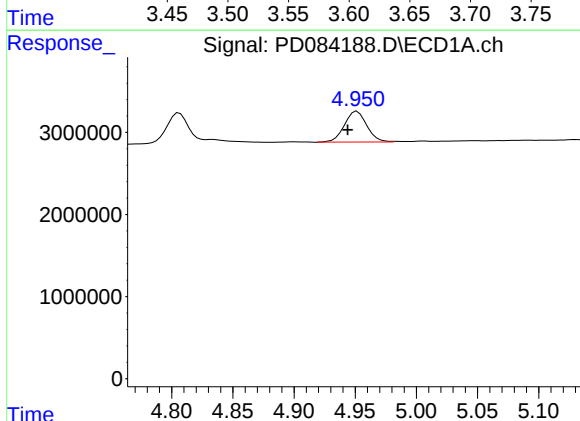
R.T.: 4.360 min
Delta R.T.: 0.007 min
Response: 3969523
Conc: 2.05 ng/ml

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



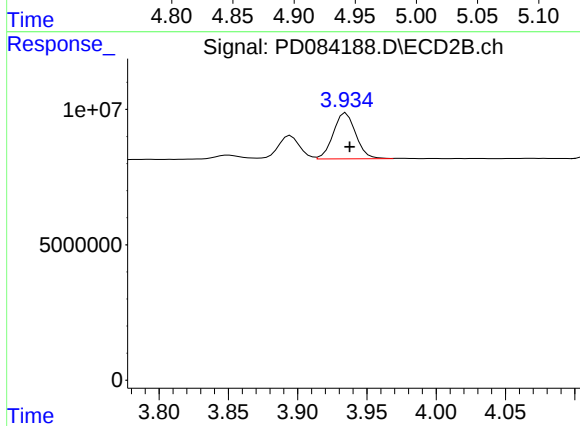
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: -0.003 min
Response: 19311055
Conc: 2.42 ng/ml



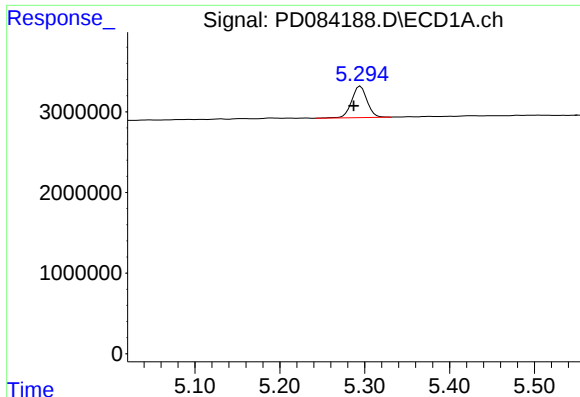
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.008 min
Response: 4772278
Conc: 2.40 ng/ml



#4 Heptachlor

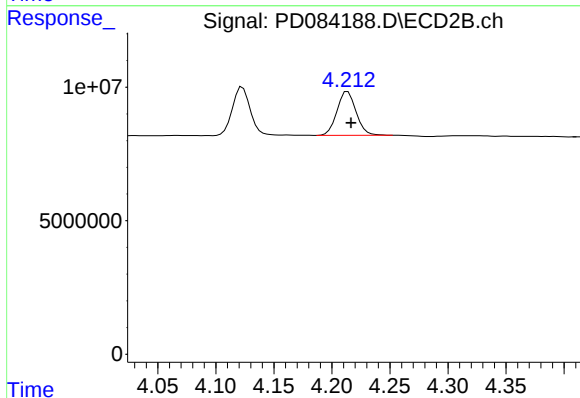
R.T.: 3.935 min
Delta R.T.: -0.003 min
Response: 19226429
Conc: 2.37 ng/ml



#5 Aldrin

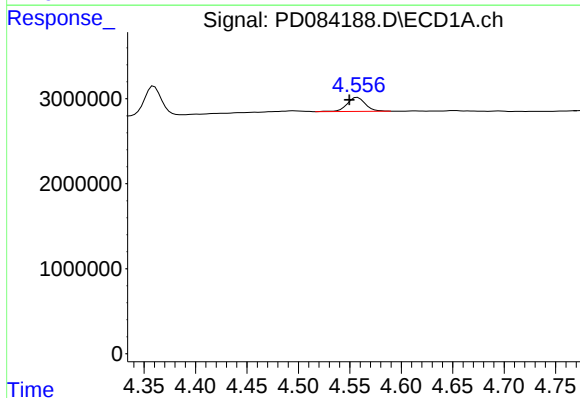
R.T.: 5.295 min
Delta R.T.: 0.008 min
Response: 4928962
Conc: 2.42 ng/ml

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



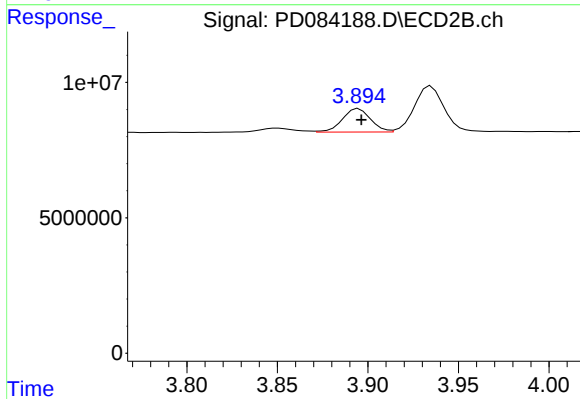
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.003 min
Response: 18910029
Conc: 2.36 ng/ml



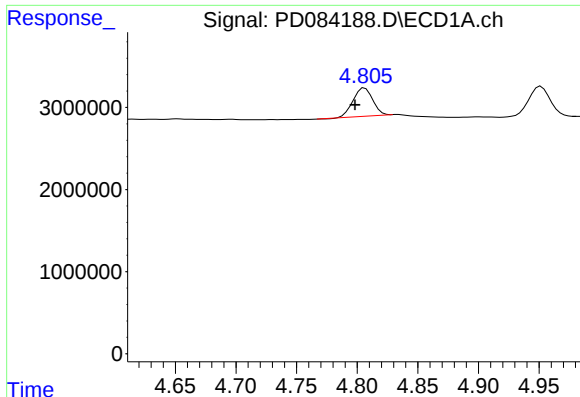
#6 beta-BHC

R.T.: 4.557 min
Delta R.T.: 0.008 min
Response: 2013454
Conc: 2.54 ng/ml



#6 beta-BHC

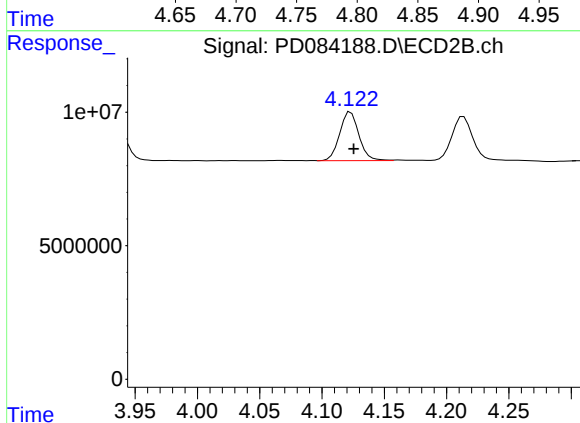
R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 9418337
Conc: 2.68 ng/ml



#7 delta-BHC

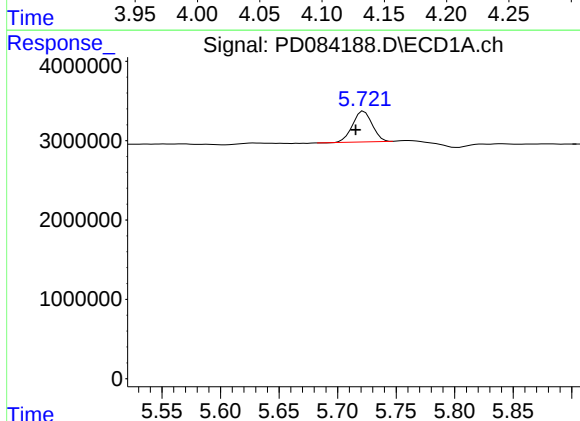
R.T.: 4.806 min
Delta R.T.: 0.008 min
Response: 3975984
Conc: 2.19 ng/ml

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



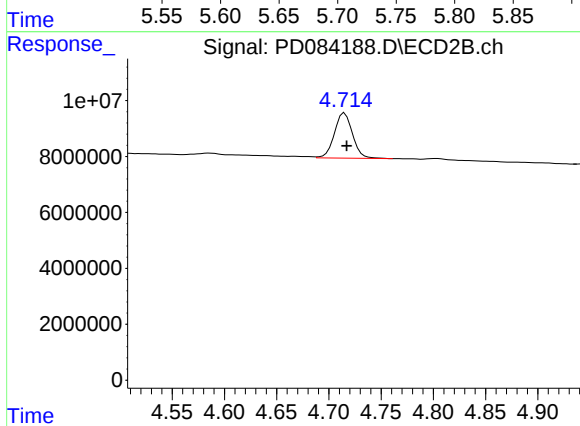
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: -0.003 min
Response: 19612166
Conc: 2.36 ng/ml



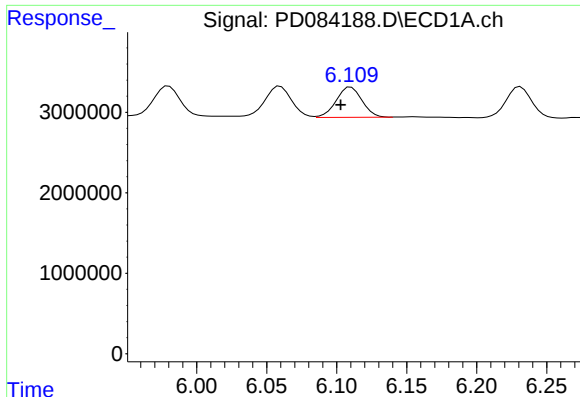
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.007 min
Response: 4551089
Conc: 2.55 ng/ml



#8 Heptachlor epoxide

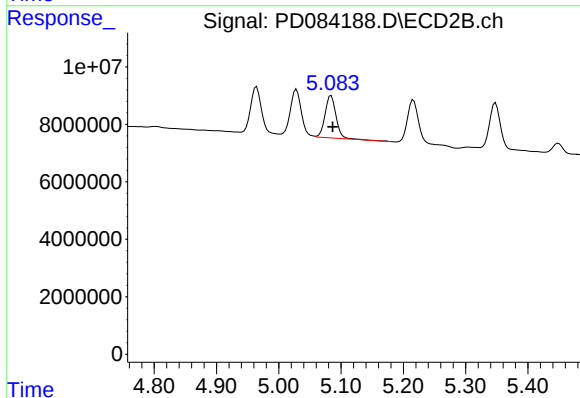
R.T.: 4.715 min
Delta R.T.: -0.002 min
Response: 19380600
Conc: 2.70 ng/ml



#9 Endosulfan I

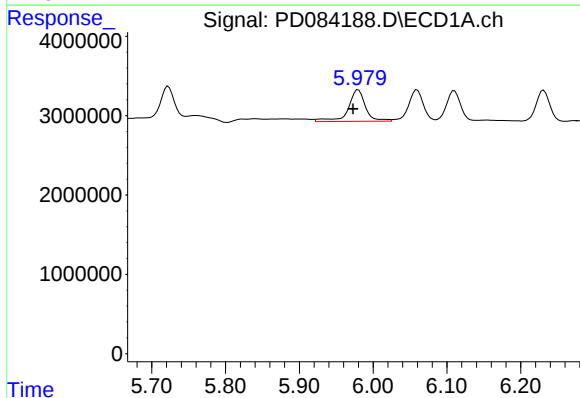
R.T.: 6.110 min
Delta R.T.: 0.007 min
Response: 4801892
Conc: 2.48 ng/ml

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



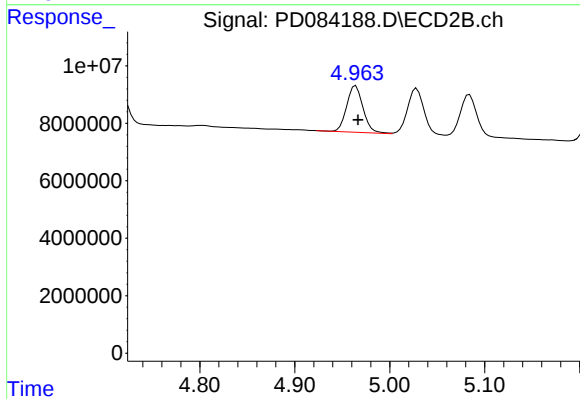
#9 Endosulfan I

R.T.: 5.084 min
Delta R.T.: -0.003 min
Response: 17899301
Conc: 2.60 ng/ml



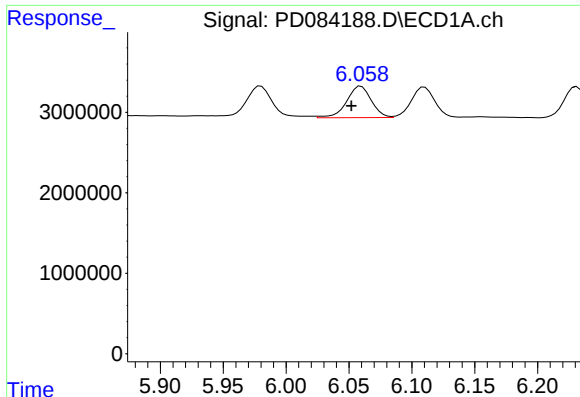
#10 gamma-Chlordane

R.T.: 5.980 min
Delta R.T.: 0.007 min
Response: 6482634
Conc: 3.24 ng/ml



#10 gamma-Chlordane

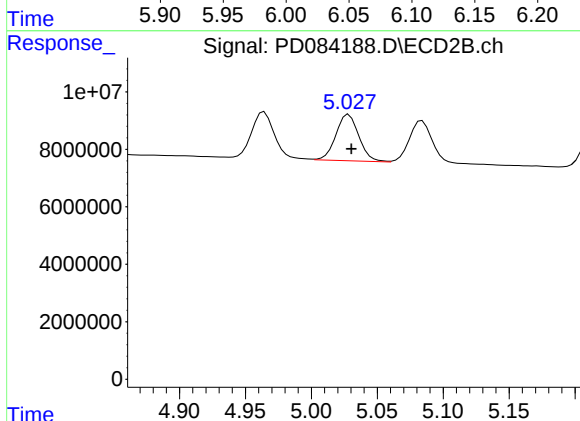
R.T.: 4.964 min
Delta R.T.: -0.003 min
Response: 19511388
Conc: 2.57 ng/ml



#11 alpha-Chlordane

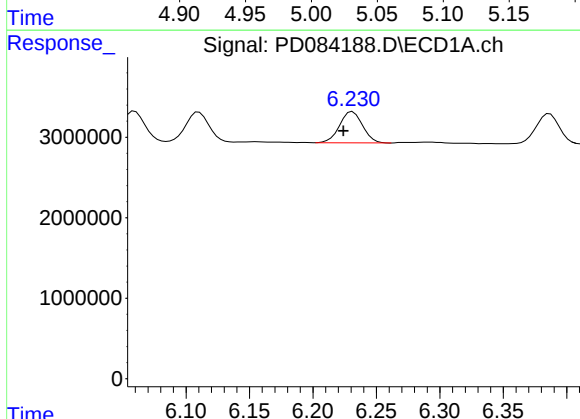
R.T.: 6.060 min
Delta R.T.: 0.008 min
Response: 5339951
Conc: 2.68 ng/ml

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



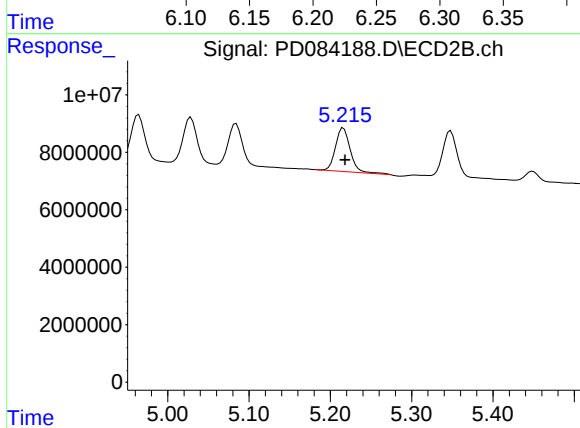
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 19586394
Conc: 2.62 ng/ml



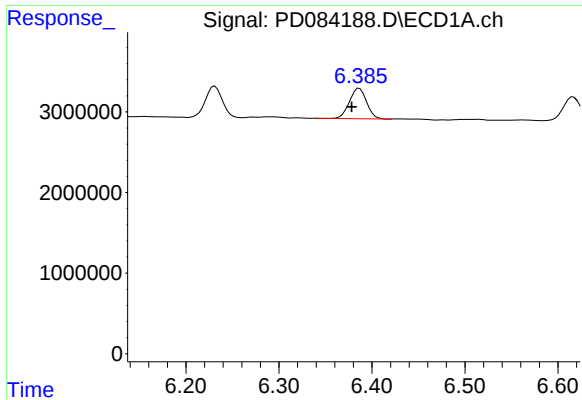
#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: 0.007 min
Response: 4897942
Conc: 2.46 ng/ml



#12 4,4'-DDE

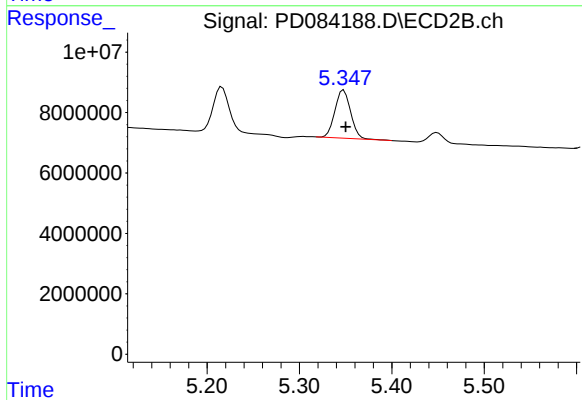
R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 19042932
Conc: 2.67 ng/ml



#13 Dieldrin

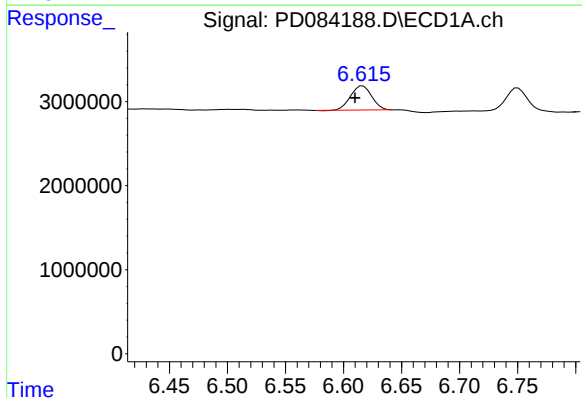
R.T.: 6.387 min
Delta R.T.: 0.008 min
Response: 4820707
Conc: 2.34 ng/ml

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



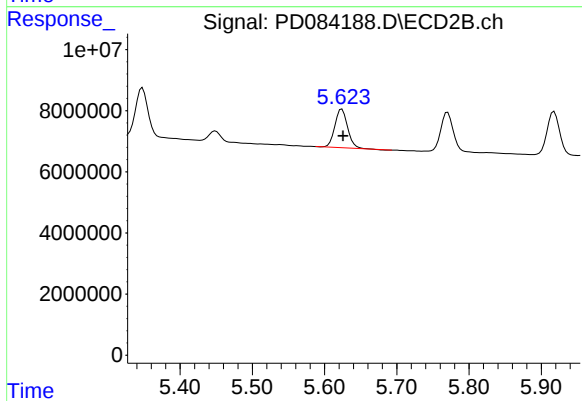
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 18755841
Conc: 2.50 ng/ml



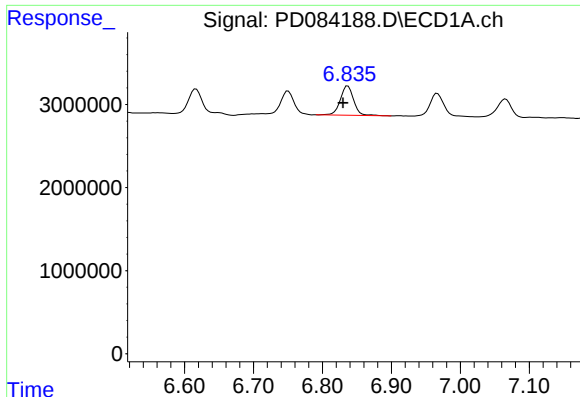
#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.007 min
Response: 3634350
Conc: 2.04 ng/ml



#14 Endrin

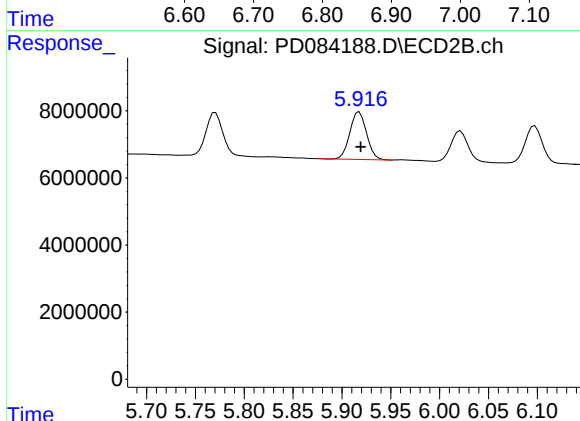
R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 15550880
Conc: 2.35 ng/ml



#15 Endosulfan II

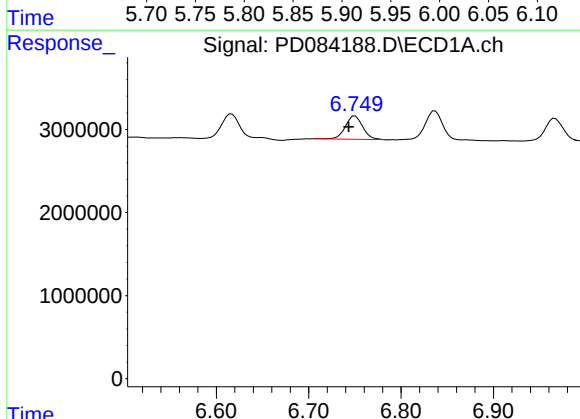
R.T.: 6.837 min
Delta R.T.: 0.007 min
Response: 4760649
Conc: 2.49 ng/ml

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



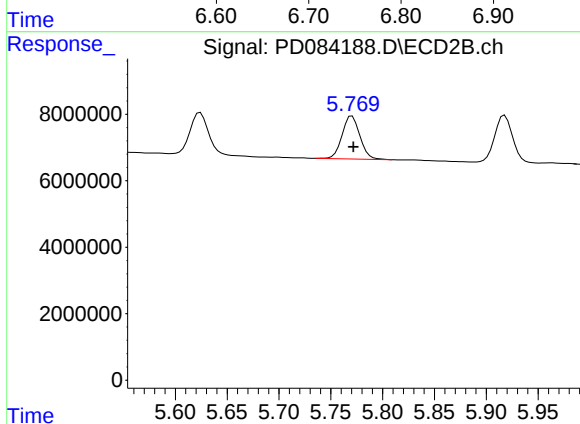
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 16905802
Conc: 2.65 ng/ml



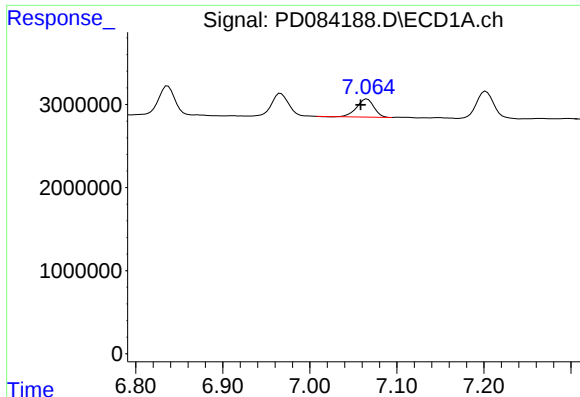
#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: 0.007 min
Response: 3665261
Conc: 2.42 ng/ml



#16 4,4'-DDD

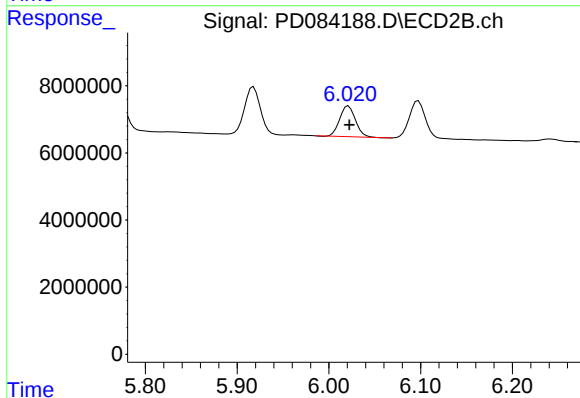
R.T.: 5.770 min
Delta R.T.: -0.001 min
Response: 15452658
Conc: 2.79 ng/ml



#17 4,4'-DDT

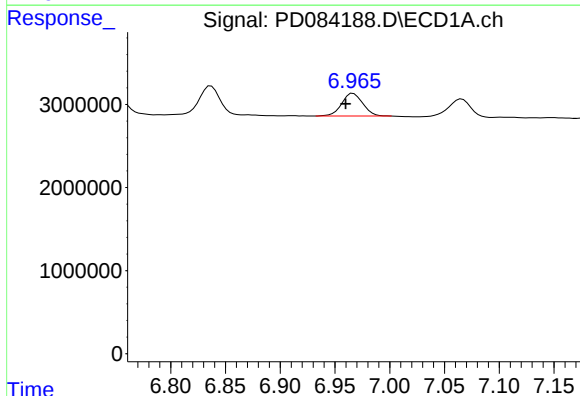
R.T.: 7.066 min
Delta R.T.: 0.008 min
Response: 2986297
Conc: 1.74 ng/ml

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



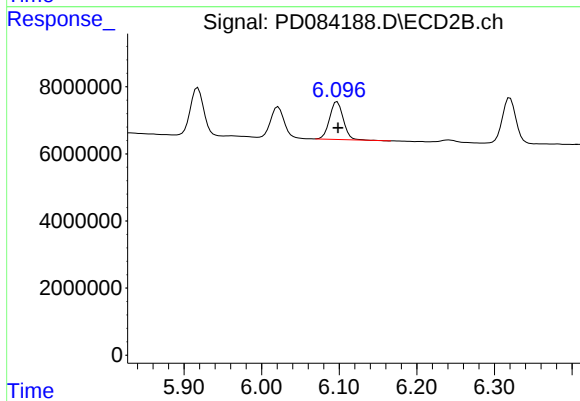
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: -0.001 min
Response: 10948773
Conc: 1.91 ng/ml



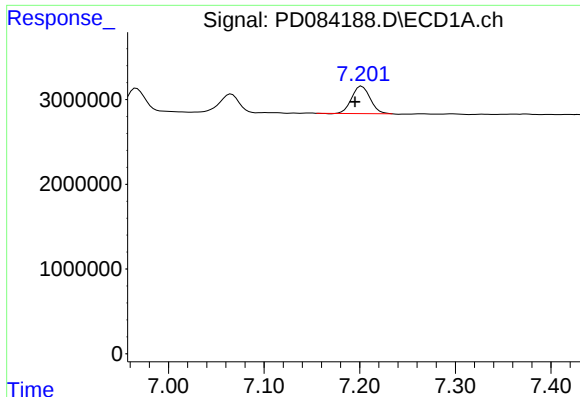
#18 Endrin aldehyde

R.T.: 6.967 min
Delta R.T.: 0.007 min
Response: 3632115
Conc: 2.47 ng/ml



#18 Endrin aldehyde

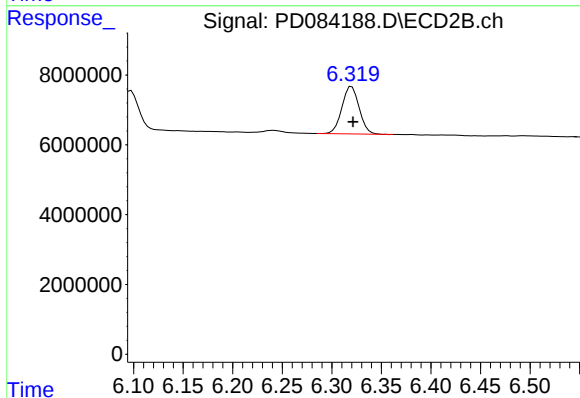
R.T.: 6.098 min
Delta R.T.: -0.001 min
Response: 13759338
Conc: 2.74 ng/ml



#19 Endosulfan Sulfate

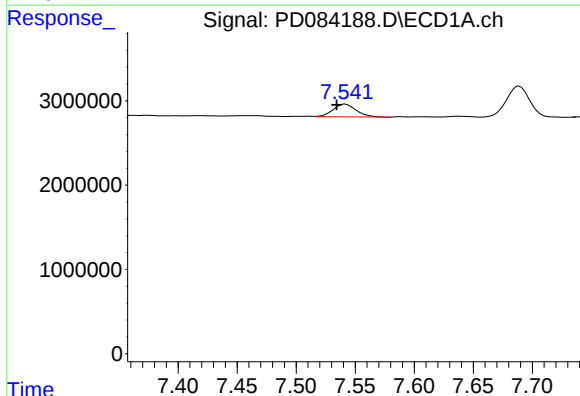
R.T.: 7.202 min
Delta R.T.: 0.007 min
Response: 4352652
Conc: 2.40 ng/ml

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



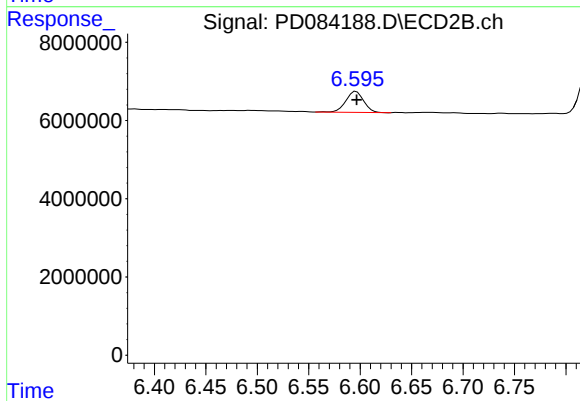
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: -0.001 min
Response: 16420123
Conc: 2.68 ng/ml



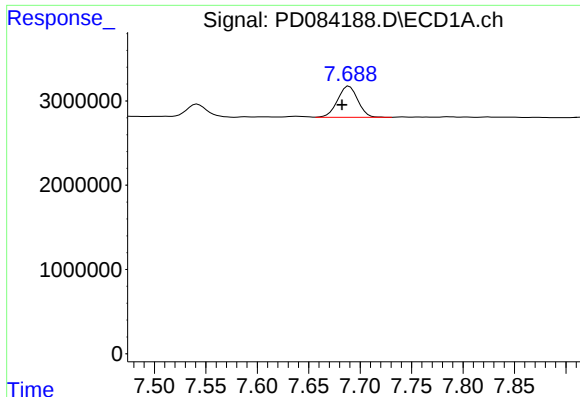
#20 Methoxychlor

R.T.: 7.542 min
Delta R.T.: 0.008 min
Response: 2062839
Conc: 2.09 ng/ml



#20 Methoxychlor

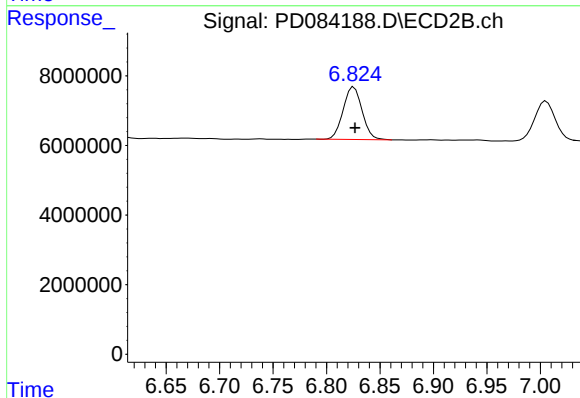
R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 6431782
Conc: 2.18 ng/ml



#21 Endrin ketone

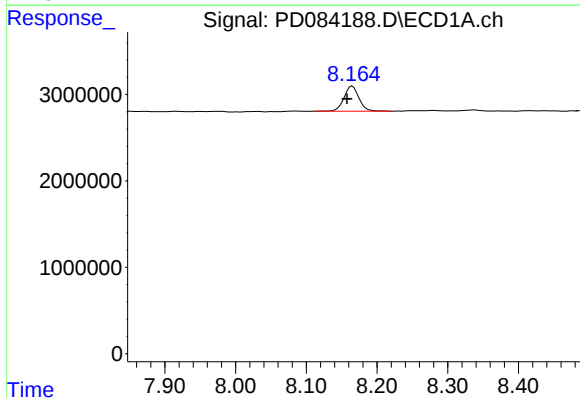
R.T.: 7.689 min
Delta R.T.: 0.007 min
Response: 5041004
Conc: 2.44 ng/ml

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



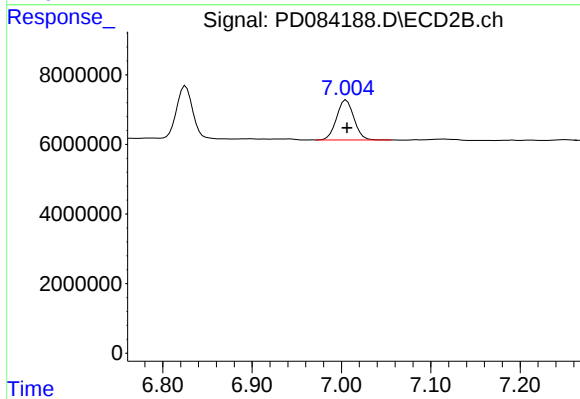
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 18618522
Conc: 2.75 ng/ml



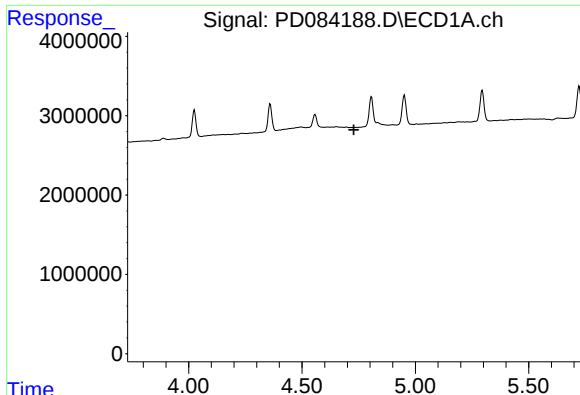
#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.007 min
Response: 4282922
Conc: 2.63 ng/ml



#22 Mirex

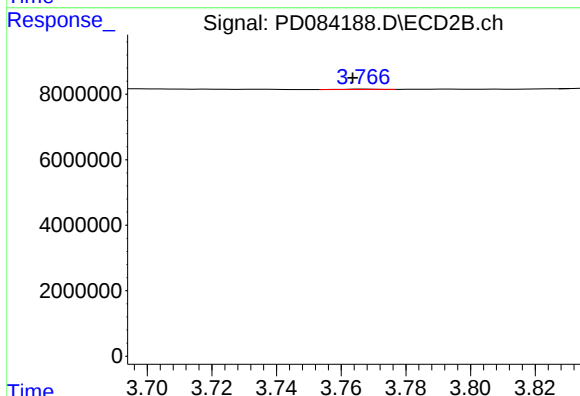
R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 15500236
Conc: 2.86 ng/ml



#23 Chlordane-1

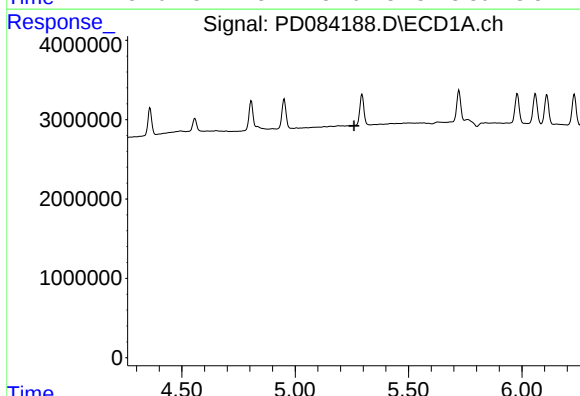
R.T.: 0.000 min
Exp R.T.: 4.728 min
Response: 0
Conc: N.D.

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



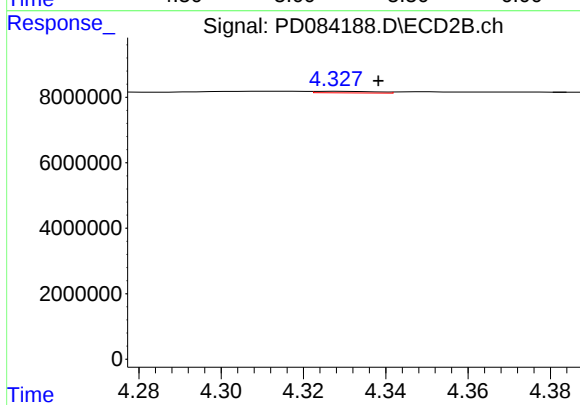
#23 Chlordane-1

R.T.: 3.768 min
Delta R.T.: 0.005 min
Response: 74703
Conc: 0.32 ng/ml



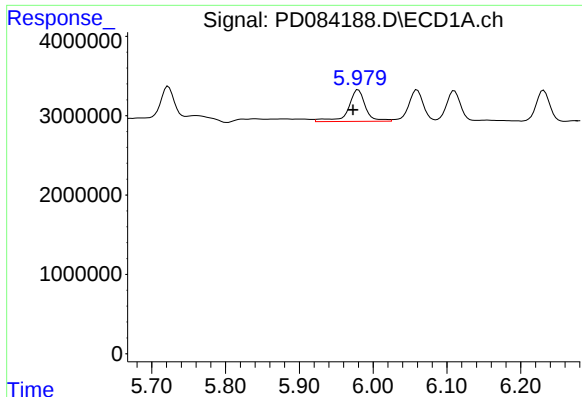
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.260 min
Response: 0
Conc: N.D.



#24 Chlordane-2

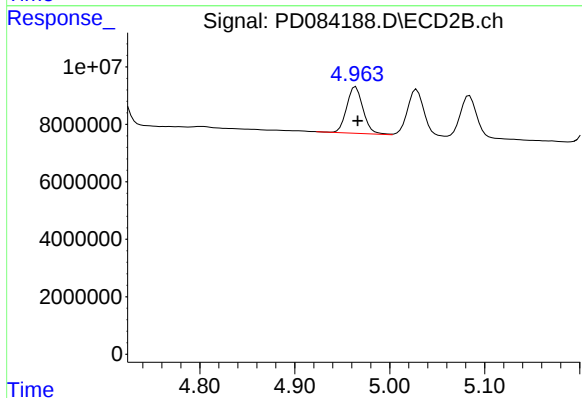
R.T.: 4.327 min
Delta R.T.: -0.011 min
Response: 503427
Conc: 1.79 ng/ml



#25 Chlordane-3

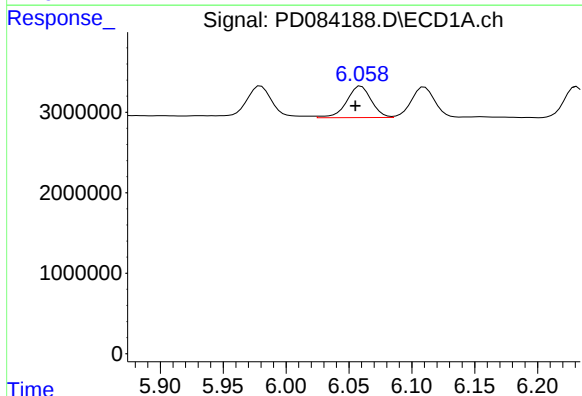
R.T.: 5.980 min
Delta R.T.: 0.007 min
Response: 6482634
Conc: 21.32 ng/ml

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



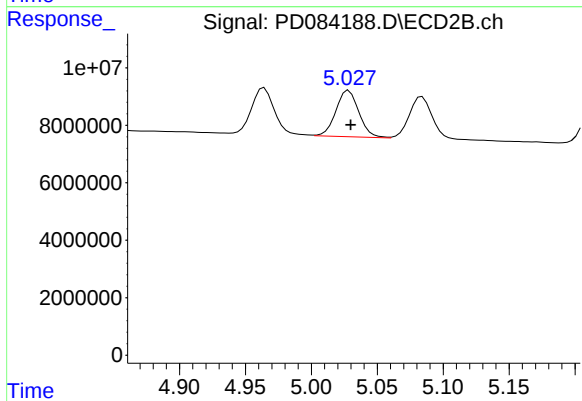
#25 Chlordane-3

R.T.: 4.964 min
Delta R.T.: -0.002 min
Response: 19511388
Conc: 25.08 ng/ml



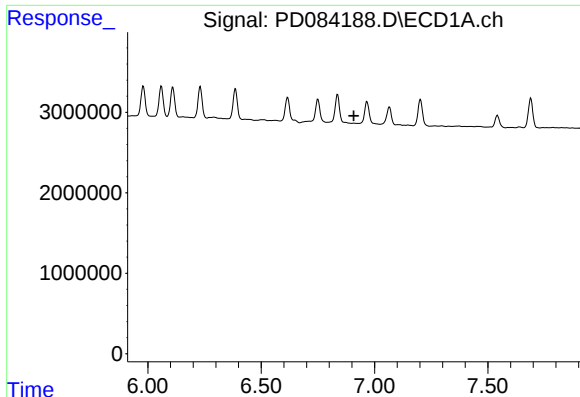
#26 Chlordane-4

R.T.: 6.060 min
Delta R.T.: 0.005 min
Response: 5339951
Conc: 14.52 ng/ml



#26 Chlordane-4

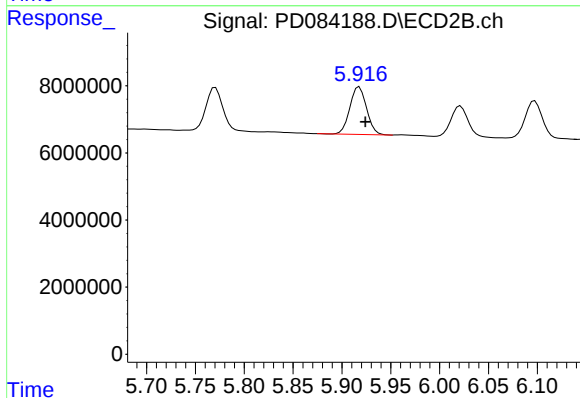
R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 19586394
Conc: 25.55 ng/ml



#27 Chlordane-5

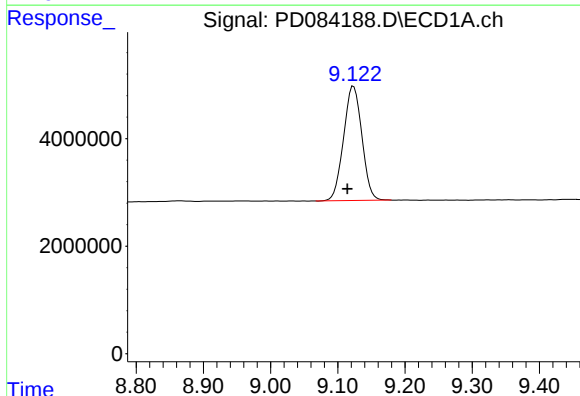
R.T.: 0.000 min
Exp R.T.: 6.908 min
Response: 0
Conc: N.D.

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



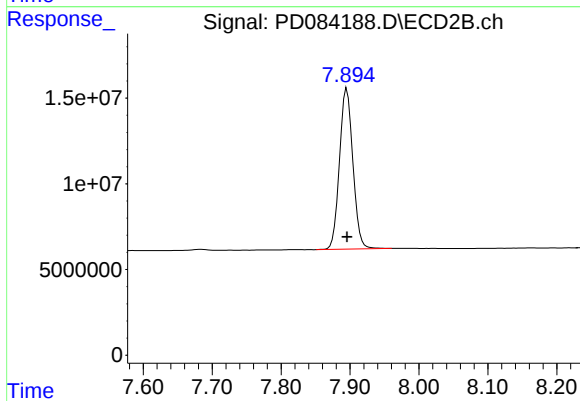
#27 Chlordane-5

R.T.: 5.918 min
Delta R.T.: -0.006 min
Response: 16905802
Conc: 61.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: 0.009 min
Response: 40192968
Conc: 17.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 126970086
Conc: 19.77 ng/ml