

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052024\
 Data File : PD082888.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2024 11:57
 Operator : AR\AJ
 Sample : P2409-01
 Misc : PEST MDL WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-QT2-2024-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 01:50:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051924CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri May 17 05:17:58 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

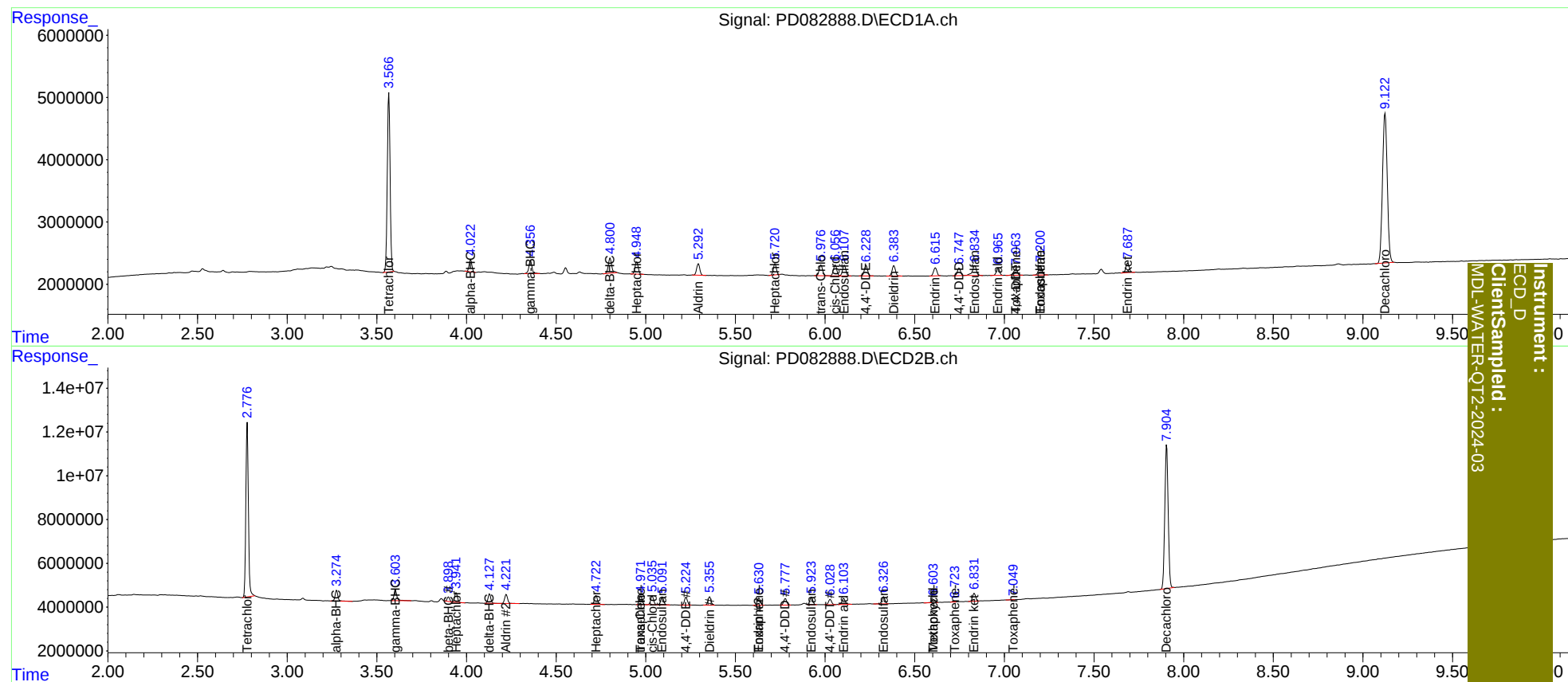
System Monitoring Compounds							
1)	SA Tetrachlo...	3.567	2.777	31231412	78613796	20.880	20.216
2)	SA Decachlor...	9.124	7.905	44617585	86410493	22.260	21.840
Target Compounds							
2)	A alpha-BHC	4.023	3.276	2146058	5383651	0.841	0.866
3)	MA gamma-BHC...	4.357	3.604	2622929	5474678	1.063	0.946
4)	MA Heptachlor	4.950	3.943	2468364	4584120	0.980	0.823
5)	MB Aldrin	5.294	4.222	2268604	4877710	0.937	0.882
6)	B beta-BHC	0.000	3.900	0	1985766	N.D.	0.792
7)	B delta-BHC	4.801	4.129	3247059	4651108	1.326	0.786 #
8)	B Heptachlo...	5.721	4.723	2083567	4672093	0.933	0.914
9)	A Endosulfan I	6.108	5.092	2219186	4245327	1.066	0.941
10)	B trans-Chl...	5.978	4.973	2278423	4608757	1.053	0.925
11)	B cis-Chlor...	6.057	5.037	2300367	4710514	1.030	0.927
12)	B 4,4'-DDE	6.229	5.225	2202624	4169993	1.010	0.874
13)	MA Dieldrin	6.384	5.357	2182217	4563994	0.993	0.913
14)	MA Endrin	6.616	5.632	1678404	4071715	0.941	0.931
15)	B Endosulfa...	6.835	5.924	2546740	4064997	1.322	0.965 #
16)	A 4,4'-DDD	6.748	5.779	1519437	3545107	0.980	0.942
17)	MA 4,4'-DDT	7.065	6.029	1521145	2903505	0.946	0.756
18)	B Endrin al...	6.966	6.105	1516608	3504597	1.092	1.111
19)	B Endosulfa...	7.201	6.327	1972928	4016500	1.118	0.999
20)	A Methoxychlor	0.000	6.605	0	1825900	N.D.	0.931
21)	B Endrin ke...	7.688	6.832	2046100	4334532	1.085	0.964
22)	Toxaphene-1	0.000	4.973	0	4608757	N.D.	174.072
23)	Toxaphene-2	0.000	5.632f	0	4071715	N.D.	142.650
24)	Toxaphene-3	7.065	6.605	1521145	1825900	28.841	19.554 #
25)	Toxaphene-4	7.201	6.724	1972928	90966	50.549	0.713 #
26)	Toxaphene-5	0.000	7.051	0	80401	N.D.	1.605

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

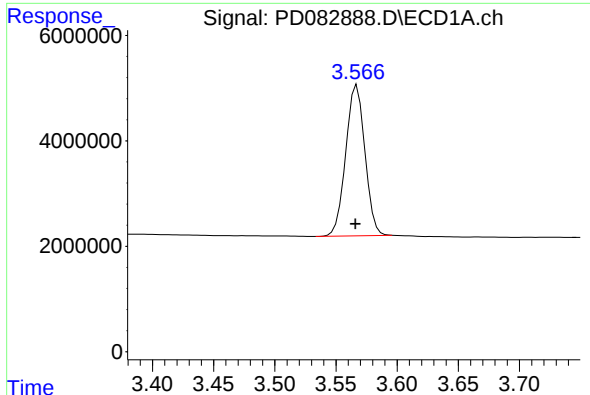
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052024\
Data File : PD082888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2024 11:57
Operator : AR\AJ
Sample : P2409-01
Misc : PEST MDL WATER
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 01:50:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051924CLP.M
Quant Title : GC Extractables
QLast Update : Fri May 17 05:17:58 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



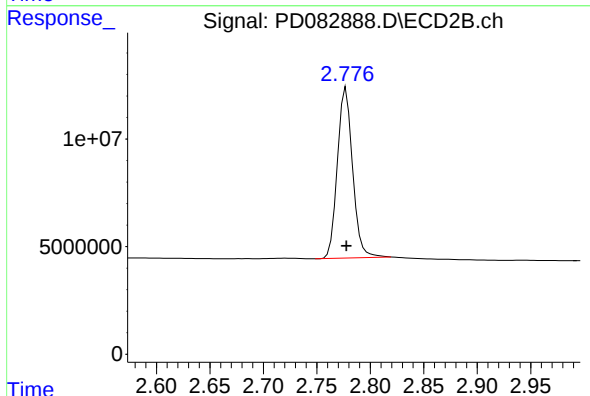
Instrument :
ECD_D
ClientSample :
MDL-WATER-QT2-2024-03



#1 Tetrachloro-m-xylene

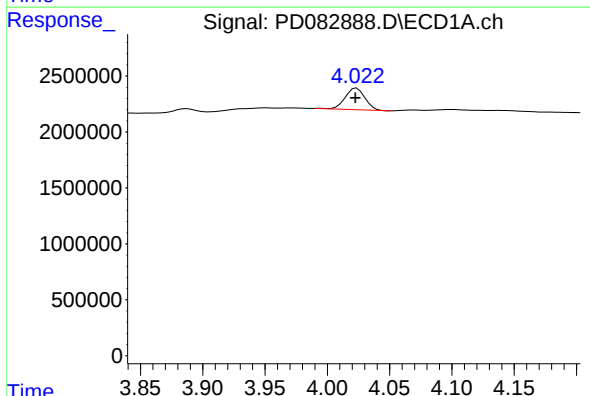
R.T.: 3.567 min
Delta R.T.: 0.001 min
Response: 31231412
Conc: 20.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



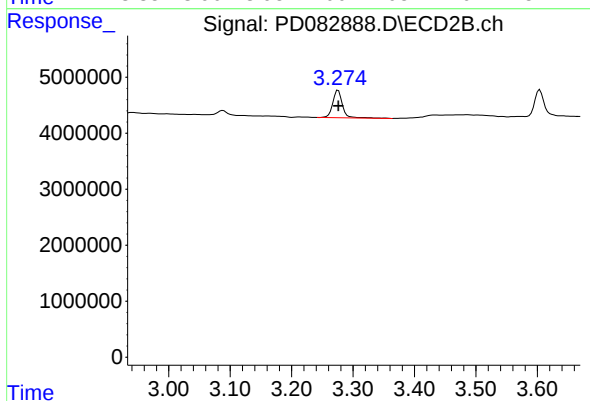
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 78613796
Conc: 20.22 ng/ml



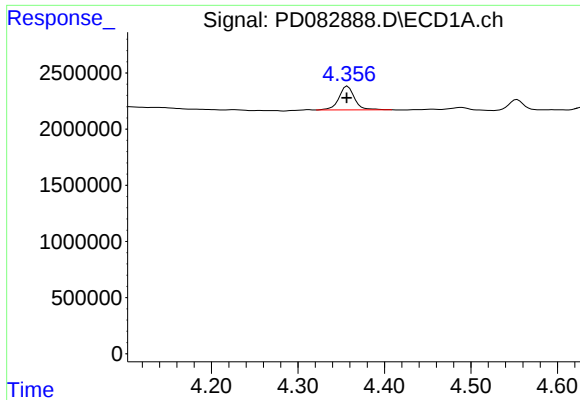
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2146058
Conc: 0.84 ng/ml



#2 alpha-BHC

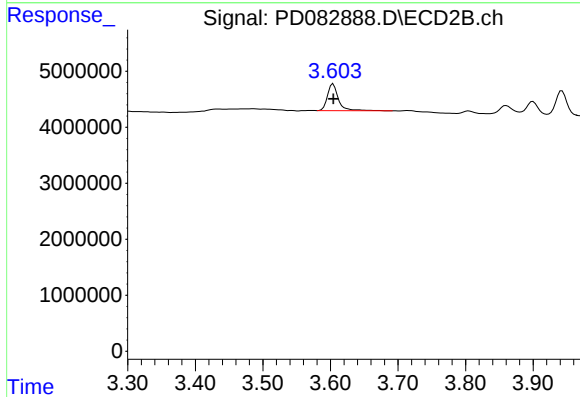
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 5383651
Conc: 0.87 ng/ml



#3 gamma-BHC (Lindane)

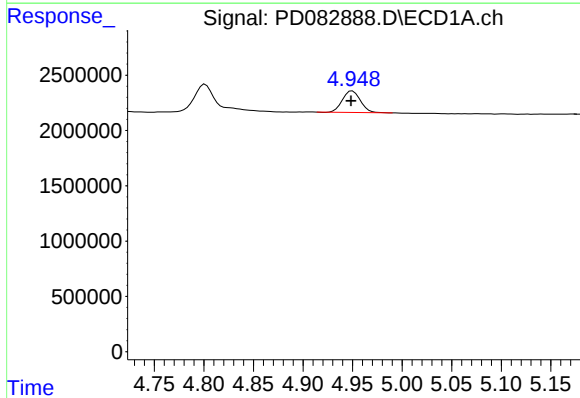
R.T.: 4.357 min
Delta R.T.: 0.001 min
Response: 2622929
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



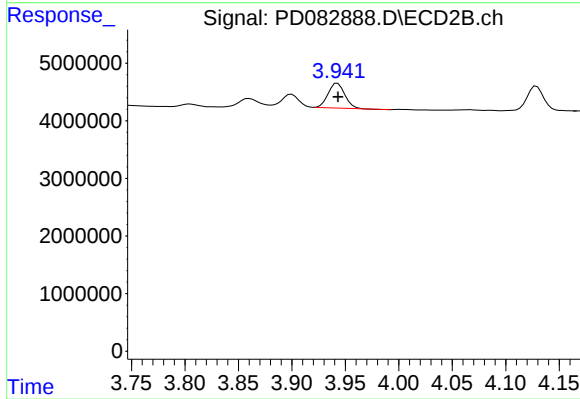
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 5474678
Conc: 0.95 ng/ml



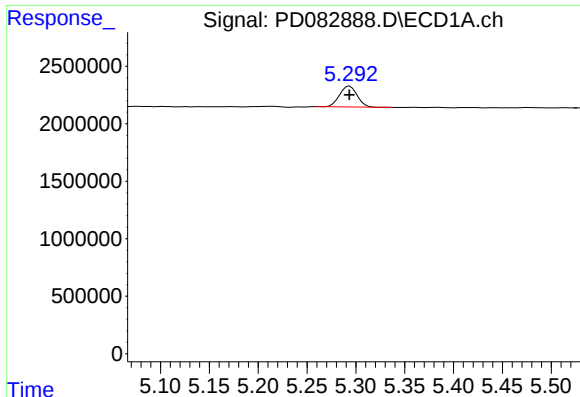
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.001 min
Response: 2468364
Conc: 0.98 ng/ml



#4 Heptachlor

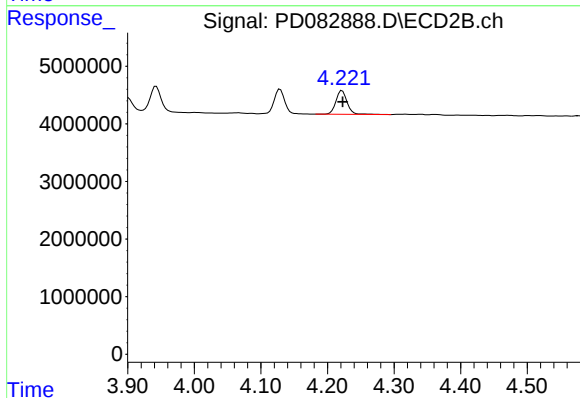
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 4584120
Conc: 0.82 ng/ml



#5 Aldrin

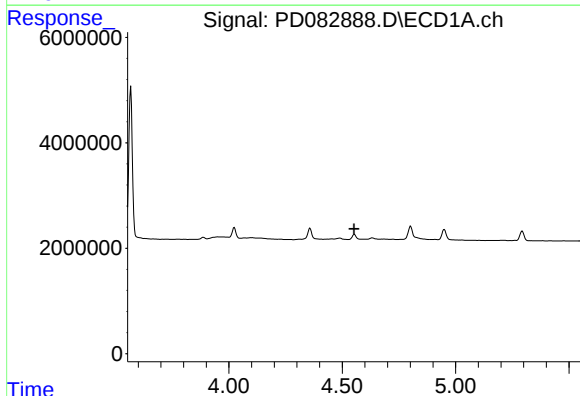
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 2268604
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



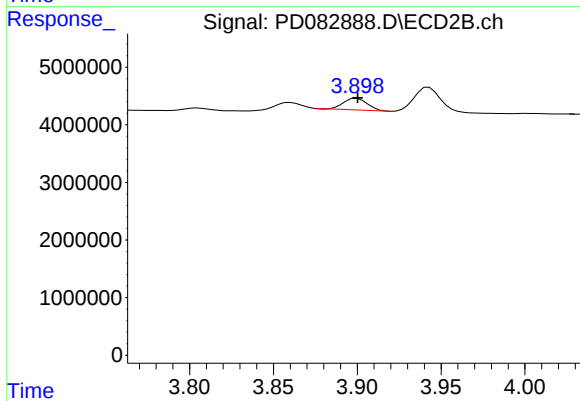
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 4877710
Conc: 0.88 ng/ml



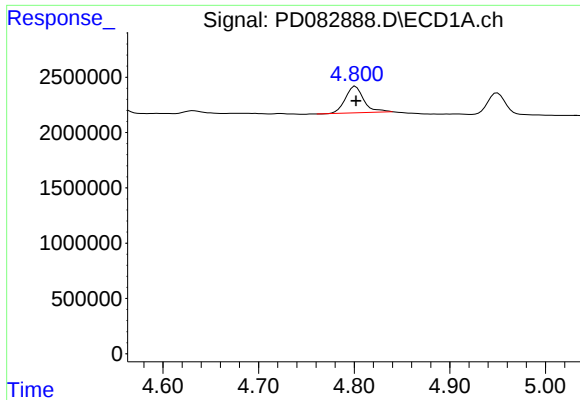
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.553 min
Response: 0
Conc: N.D.



#6 beta-BHC

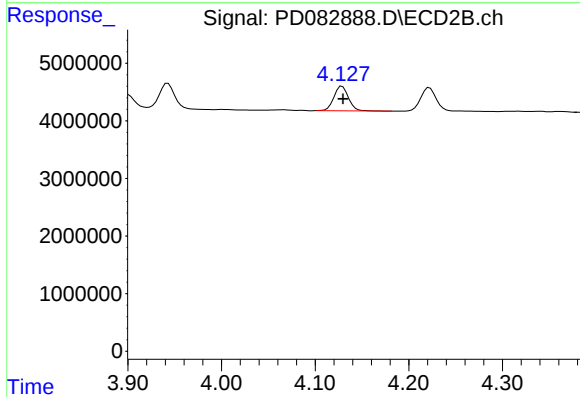
R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 1985766
Conc: 0.79 ng/ml



#7 delta-BHC

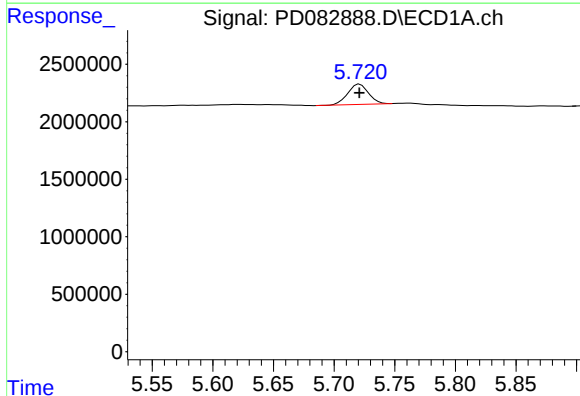
R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 3247059
Conc: 1.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



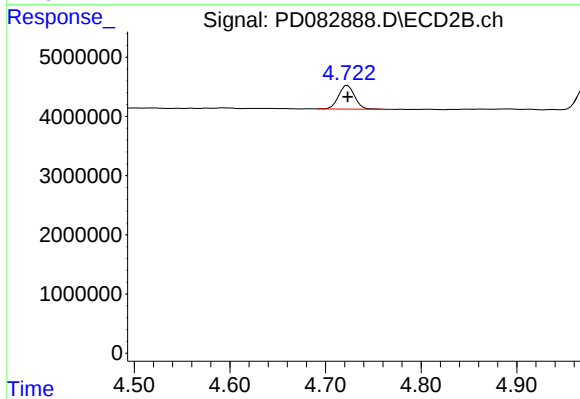
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 4651108
Conc: 0.79 ng/ml



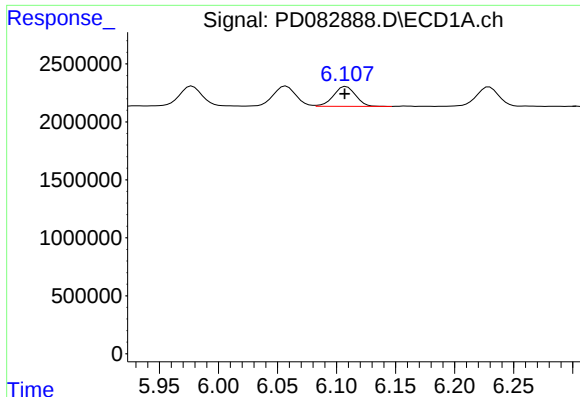
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 2083567
Conc: 0.93 ng/ml



#8 Heptachlor epoxide

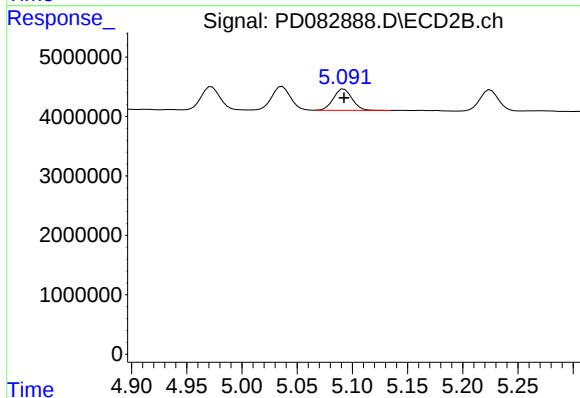
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 4672093
Conc: 0.91 ng/ml



#9 Endosulfan I

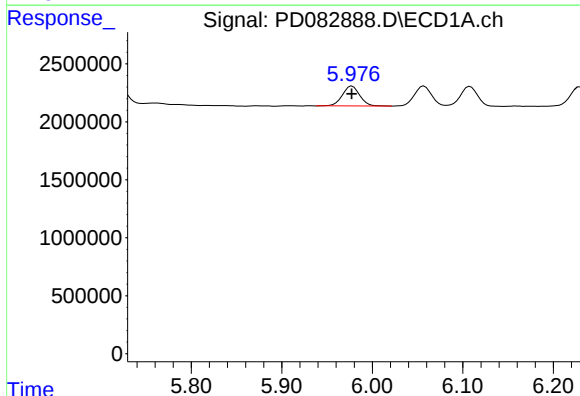
R.T.: 6.108 min
Delta R.T.: 0.001 min
Response: 2219186
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



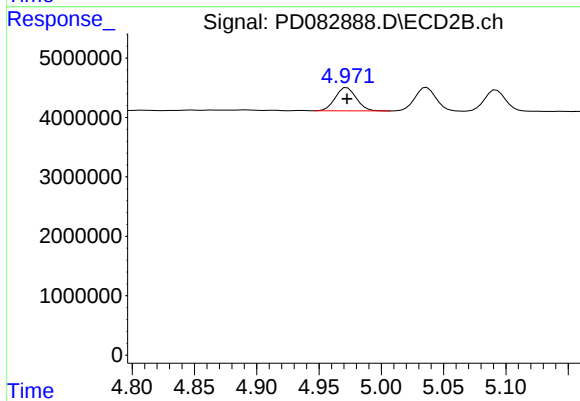
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 4245327
Conc: 0.94 ng/ml



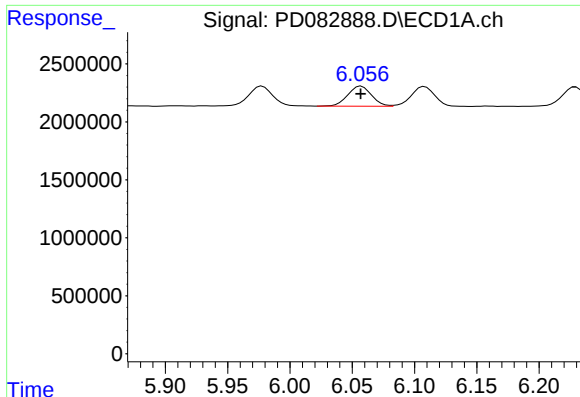
#10 trans-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 2278423
Conc: 1.05 ng/ml



#10 trans-Chlordane

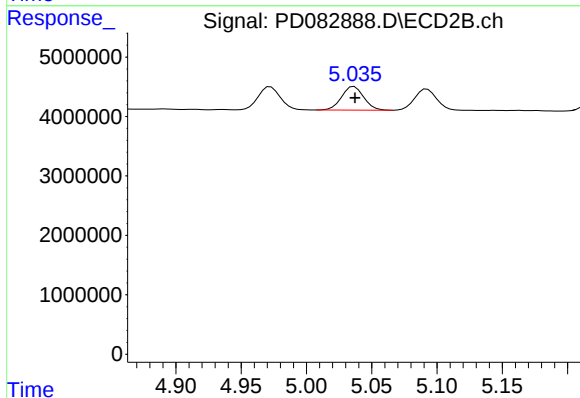
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 4608757
Conc: 0.93 ng/ml



#11 cis-Chlordane

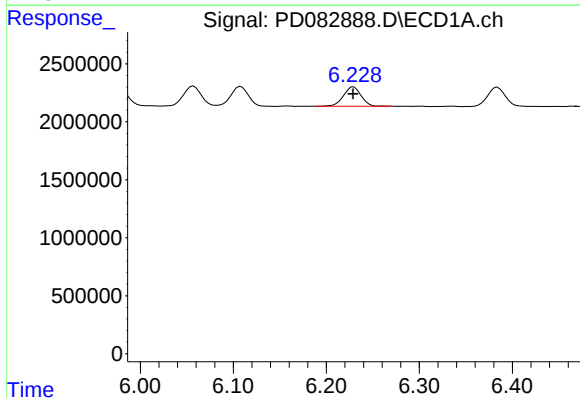
R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 2300367
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



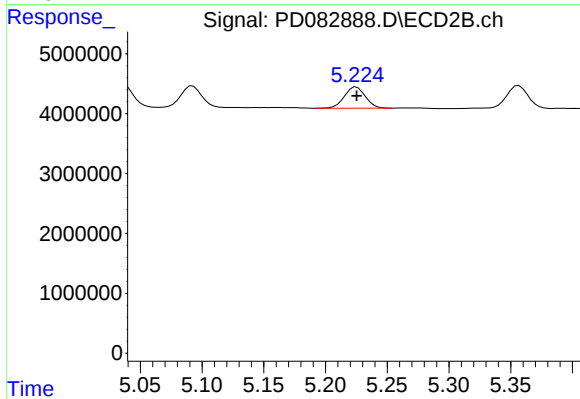
#11 cis-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 4710514
Conc: 0.93 ng/ml



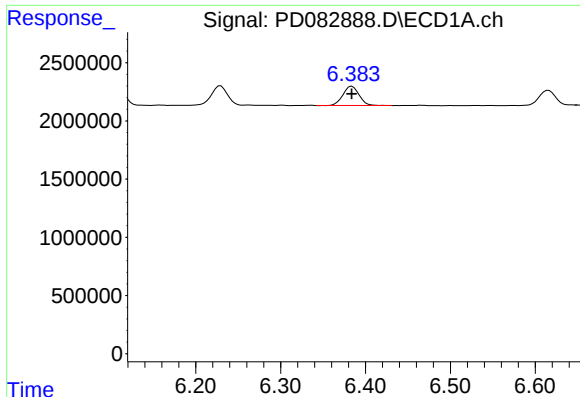
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 2202624
Conc: 1.01 ng/ml



#12 4,4'-DDE

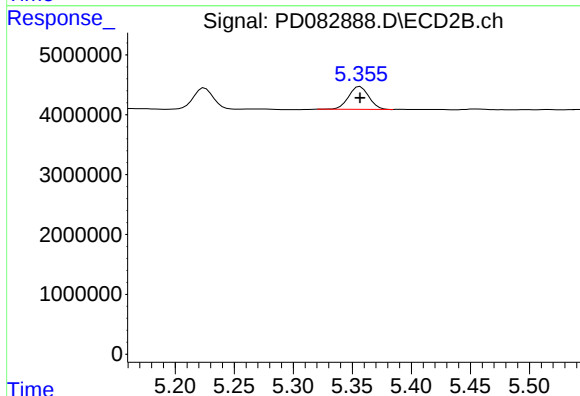
R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 4169993
Conc: 0.87 ng/ml



#13 Dieldrin

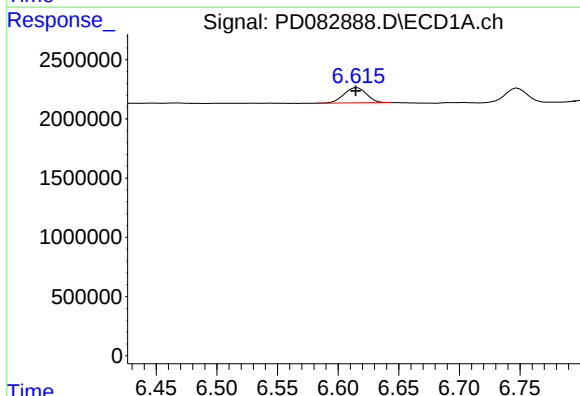
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 2182217
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



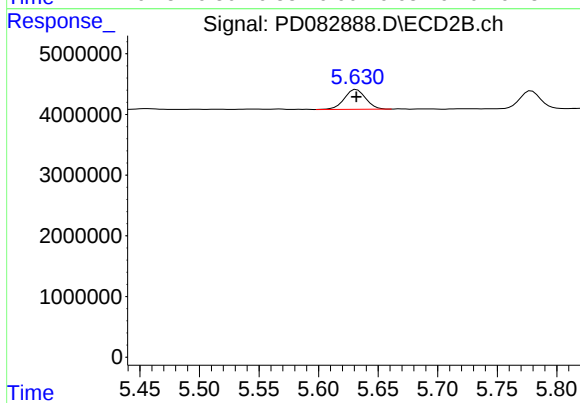
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 4563994
Conc: 0.91 ng/ml



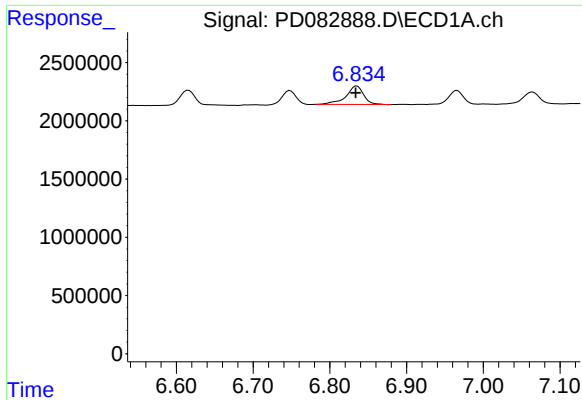
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 1678404
Conc: 0.94 ng/ml



#14 Endrin

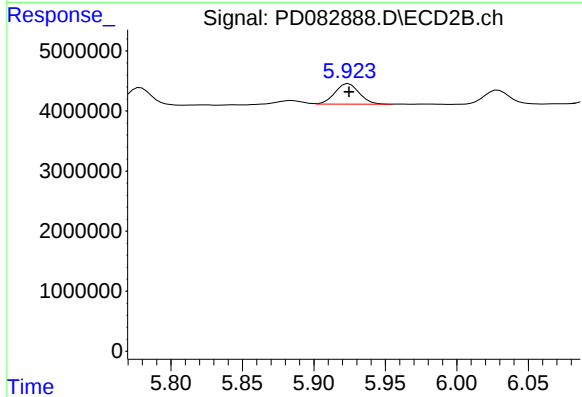
R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 4071715
Conc: 0.93 ng/ml



#15 Endosulfan II

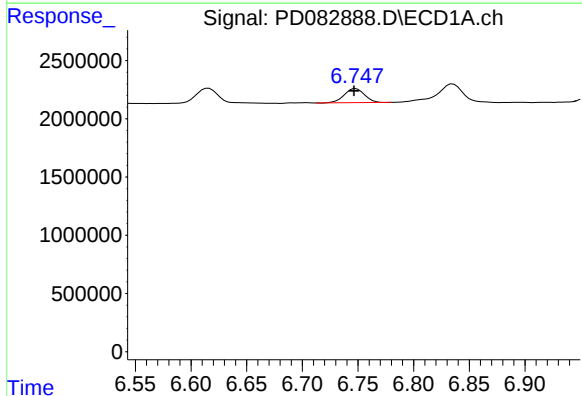
R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 2546740
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



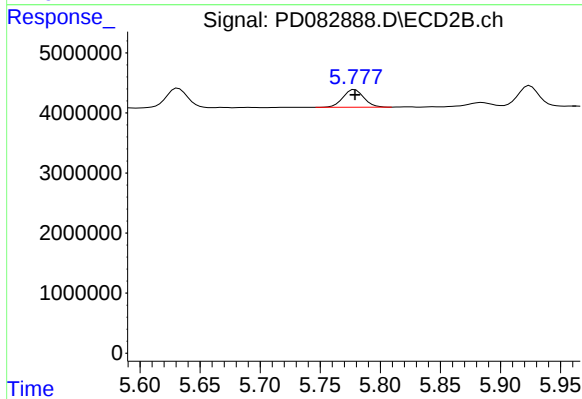
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 4064997
Conc: 0.96 ng/ml



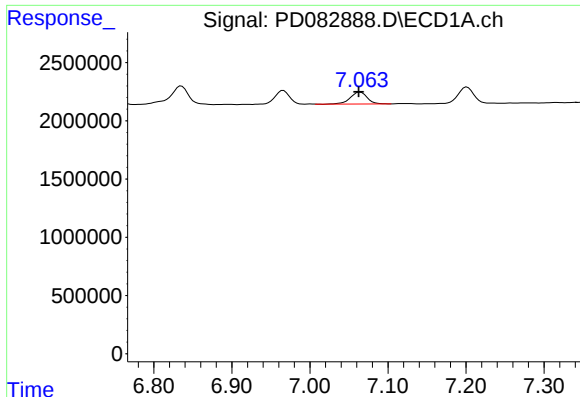
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.002 min
Response: 1519437
Conc: 0.98 ng/ml



#16 4,4'-DDD

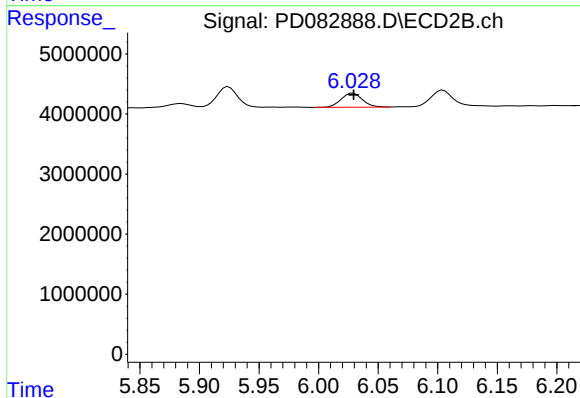
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 3545107
Conc: 0.94 ng/ml



#17 4,4'-DDT

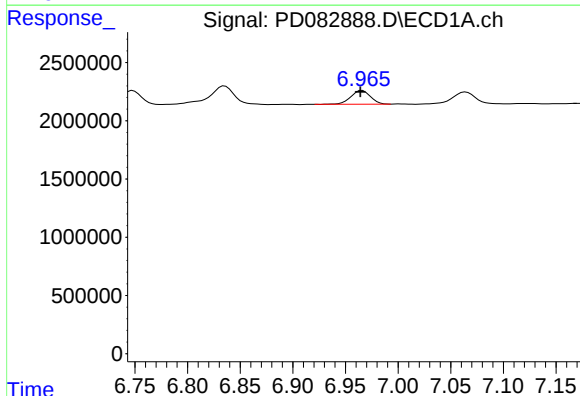
R.T.: 7.065 min
Delta R.T.: 0.002 min
Response: 1521145
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



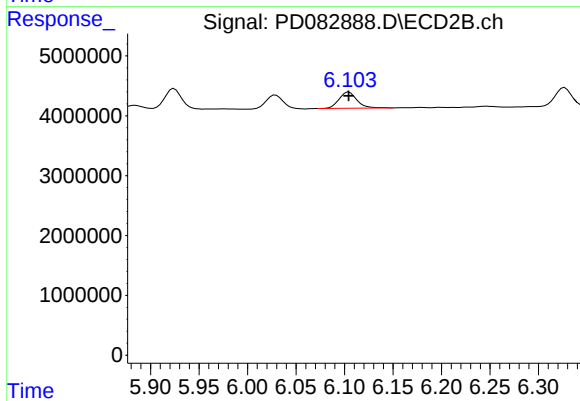
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 2903505
Conc: 0.76 ng/ml



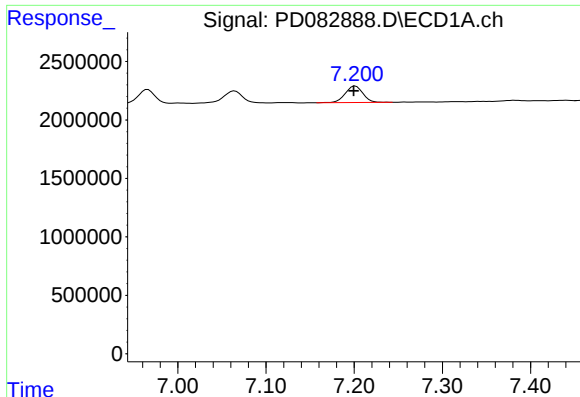
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.002 min
Response: 1516608
Conc: 1.09 ng/ml



#18 Endrin aldehyde

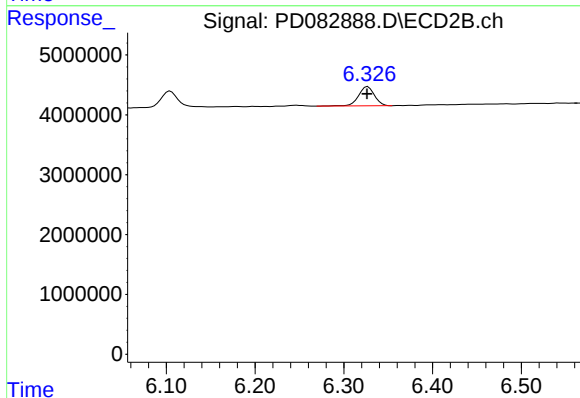
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 3504597
Conc: 1.11 ng/ml



#19 Endosulfan Sulfate

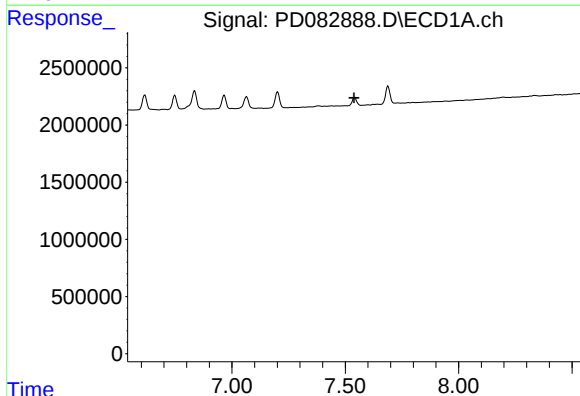
R.T.: 7.201 min
Delta R.T.: 0.002 min
Response: 1972928
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



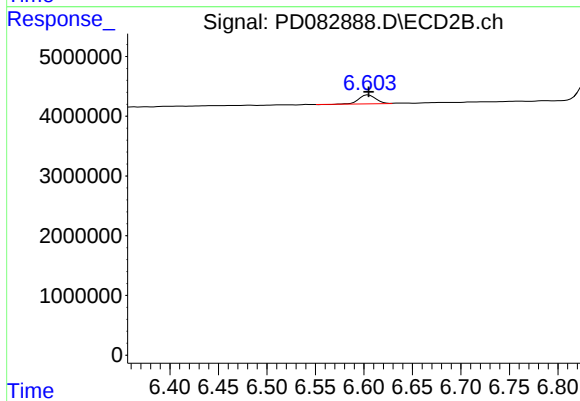
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 4016500
Conc: 1.00 ng/ml



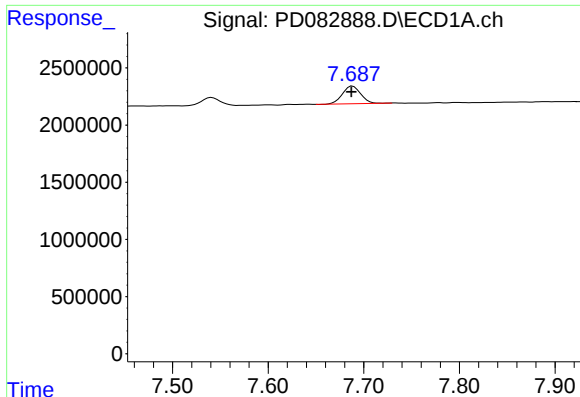
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.538 min
Response: 0
Conc: N.D.



#20 Methoxychlor

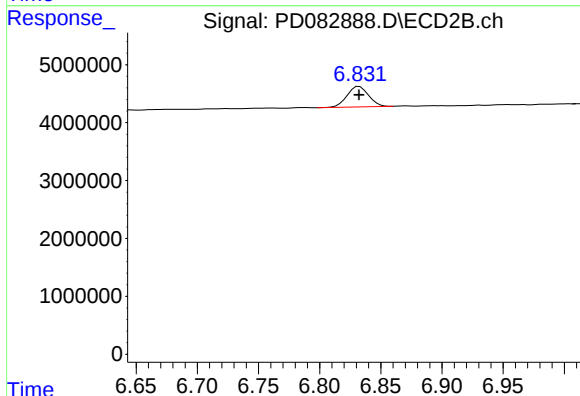
R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 1825900
Conc: 0.93 ng/ml



#21 Endrin ketone

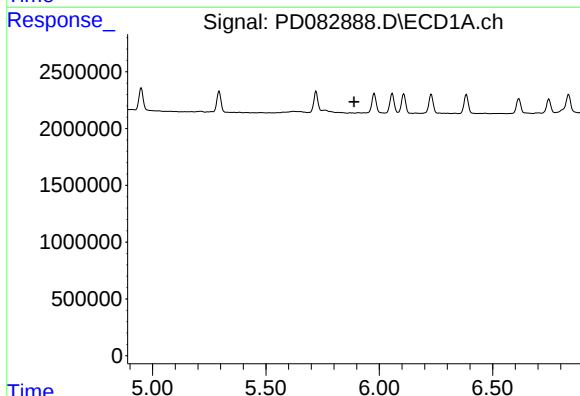
R.T.: 7.688 min
Delta R.T.: 0.001 min
Response: 2046100
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



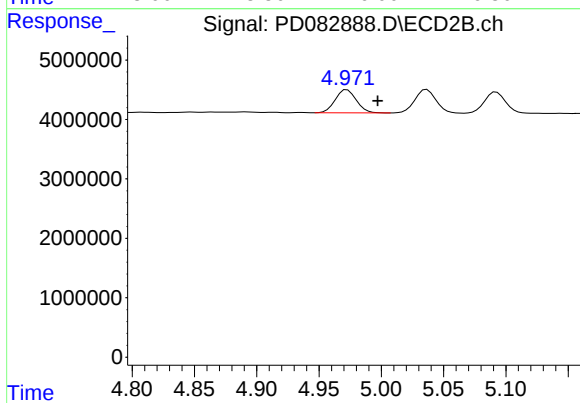
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 4334532
Conc: 0.96 ng/ml



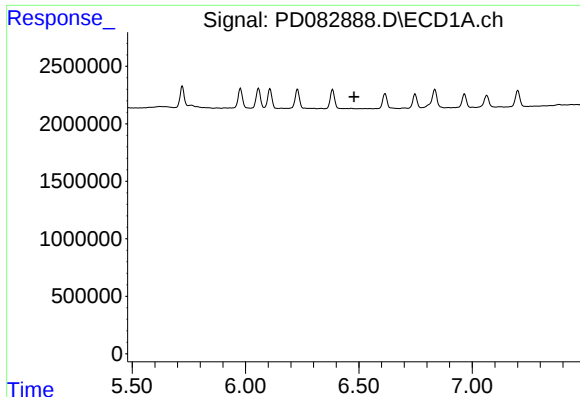
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.889 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

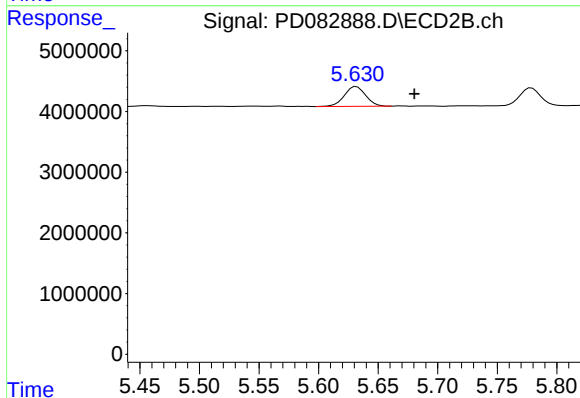
R.T.: 4.973 min
Delta R.T.: -0.025 min
Response: 4608757
Conc: 174.07 ng/ml



#23 Toxaphene-2

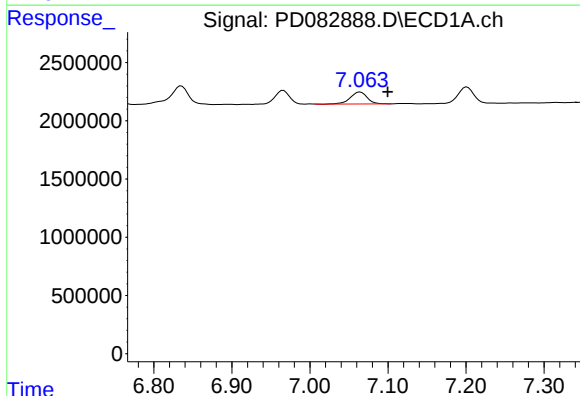
R.T.: 0.000 min
Exp R.T.: 6.480 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



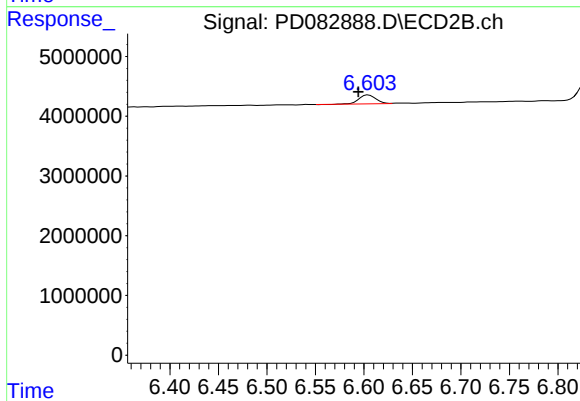
#23 Toxaphene-2

R.T.: 5.632 min
Delta R.T.: -0.049 min
Response: 4071715
Conc: 142.65 ng/ml



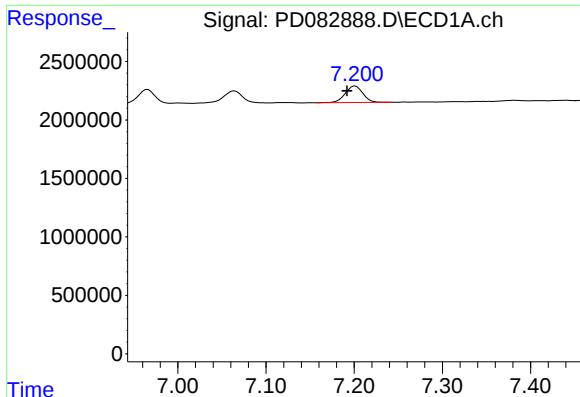
#24 Toxaphene-3

R.T.: 7.065 min
Delta R.T.: -0.035 min
Response: 1521145
Conc: 28.84 ng/ml



#24 Toxaphene-3

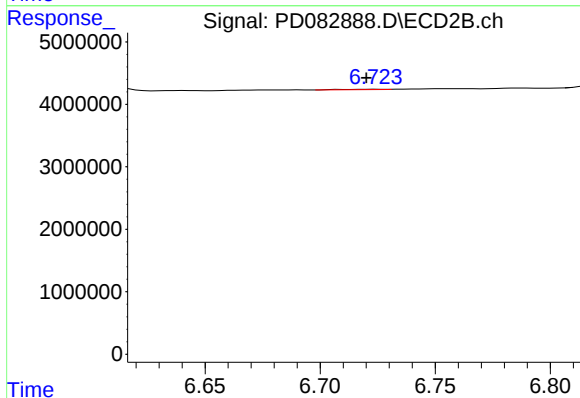
R.T.: 6.605 min
Delta R.T.: 0.010 min
Response: 1825900
Conc: 19.55 ng/ml



#25 Toxaphene-4

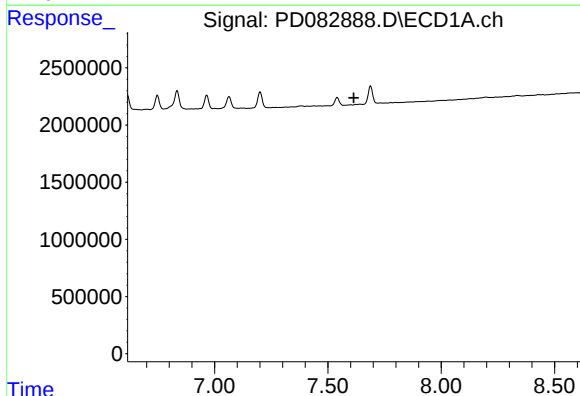
R.T.: 7.201 min
Delta R.T.: 0.009 min
Response: 1972928
Conc: 50.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



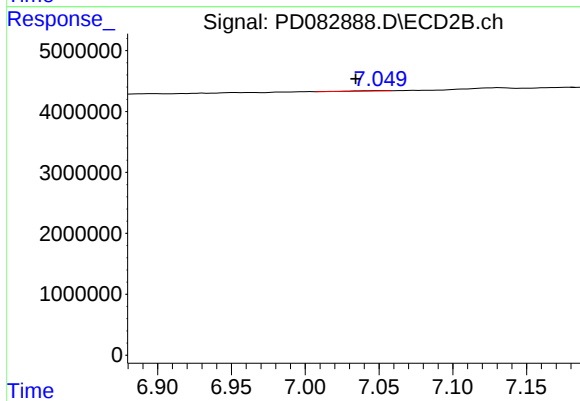
#25 Toxaphene-4

R.T.: 6.724 min
Delta R.T.: 0.004 min
Response: 90966
Conc: 0.71 ng/ml



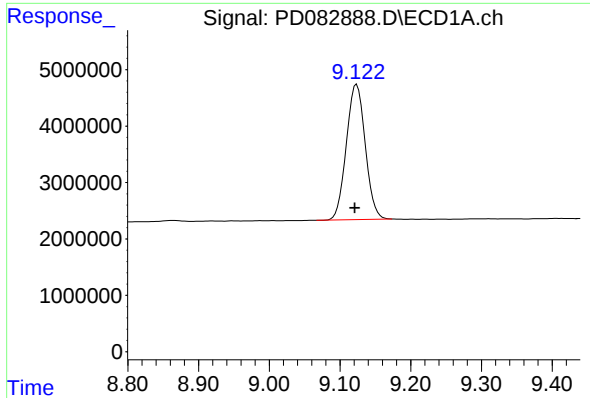
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 7.615 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

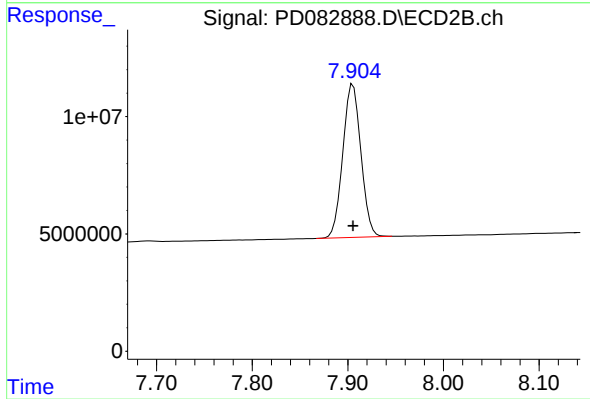
R.T.: 7.051 min
Delta R.T.: 0.017 min
Response: 80401
Conc: 1.60 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.003 min
Response: 44617585
Conc: 22.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-03



#27 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 86410493
Conc: 21.84 ng/ml