

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084200.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 18:01
 Operator : AR\AJ
 Sample : P3390--08
 Misc : CHLOR LOQ 50PPB/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

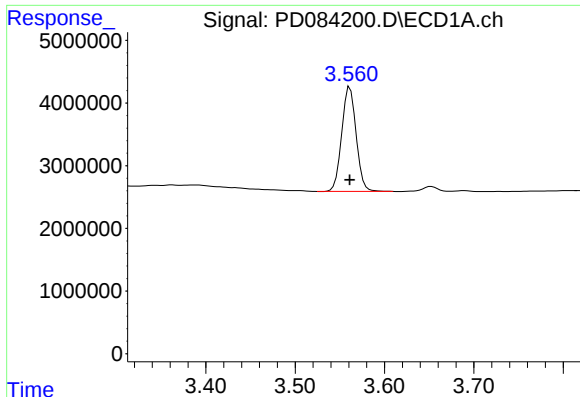
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:54:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.561	2.771	18706525	108.7E6	18.295	18.907
28)	SA Decachlor...	9.115	7.894	41206687	131.7E6	18.050	20.512
Target Compounds							
2)	A alpha-BHC	4.033	3.263	137882	697014	0.070	0.079
3)	MA gamma-BHC...	4.368f	3.597	163027	757592	0.084	0.095
4)	MA Heptachlor	4.944	3.936	4487412	17044440	2.256	2.098
5)	MB Aldrin	5.261f	4.233f	3377133	1935298	1.659	0.241 #
7)	B delta-BHC	4.791	4.119	1174614	1769874	0.646	0.213 #
8)	B Heptachlo...	5.699f	0.000	1764026	0	0.990	N.D. #
9)	A Endosulfan I	0.000	5.073	0	3524596	N.D.	0.511 #
10)	B gamma-Chl...	5.973	4.965	14204700	39313233	7.104	5.186 #
11)	B alpha-Chl...	6.055	5.028	17740676	39298379	8.897	5.262 #
12)	B 4,4'-DDE	0.000	5.216	0	25638	N.D.	0.004 #
13)	MA Dieldrin	6.387	0.000	738312	0	0.358	N.D. #
14)	MA Endrin	6.636f	5.632	-183683	2156531	N.D.	0.326
15)	B Endosulfa...	6.809f	5.921	499928	12792380	0.262	2.002 #
16)	A 4,4'-DDD	6.761f	5.751f	763299	227232	0.504	0.041 #
17)	MA 4,4'-DDT	0.000	6.021	0	65164	N.D.	0.011 #
19)	B Endosulfa...	7.196	6.324	67831	503672	0.037	0.082 #
20)	A Methoxychlor	0.000	6.590	0	143799	N.D.	0.049 #
21)	B Endrin ke...	7.713f	0.000	188471	0	0.091	N.D. #
22)	Mirex	0.000	7.013	0	56672	N.D.	0.010 #
23)	Chlordane-1	4.729	3.763	2627901	11116732	42.796	47.538
24)	Chlordane-2	5.261	4.337	3377133	14467929	48.611	51.552
25)	Chlordane-3	5.973	4.965	14204700	39313233	46.721	50.542
26)	Chlordane-4	6.055	5.028	17740676	39298379	48.249	51.271
27)	Chlordane-5	6.907	5.921	2784514	12792380	40.996	46.302

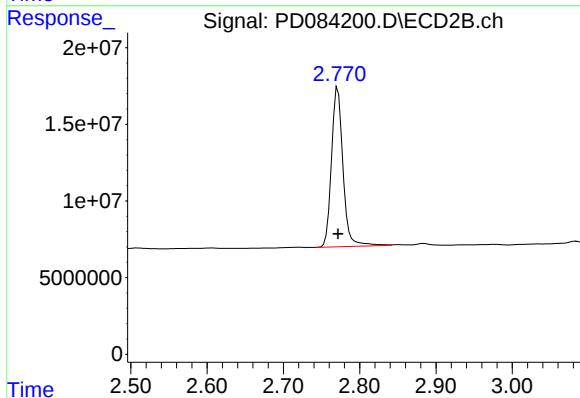
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

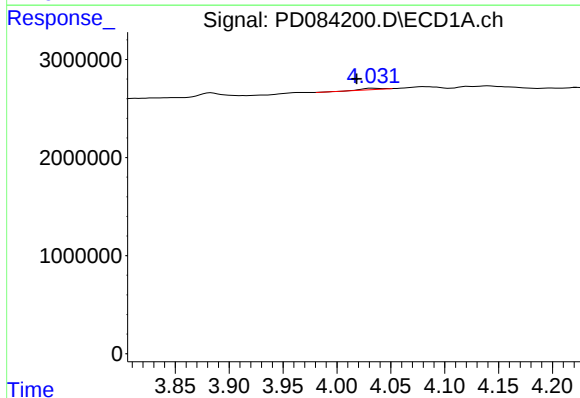
R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 18706525
Conc: 18.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
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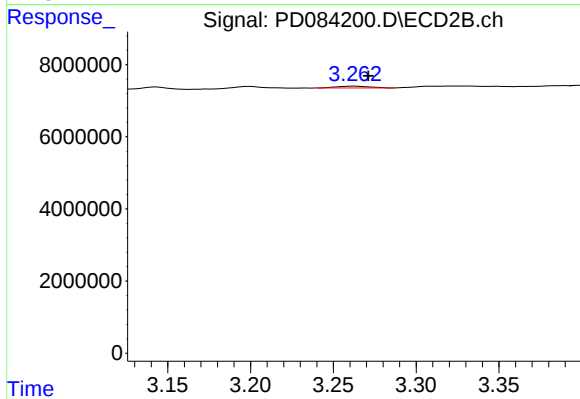
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 108706319
Conc: 18.91 ng/ml



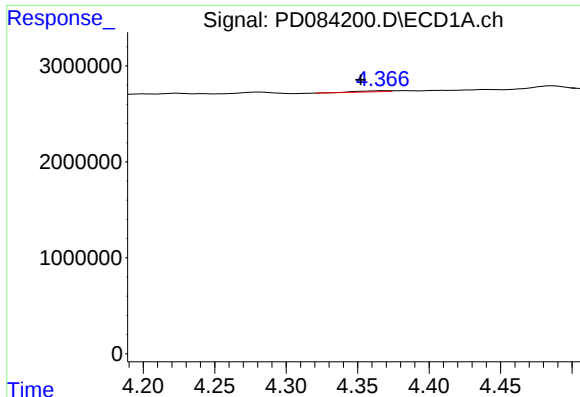
#2 alpha-BHC

R.T.: 4.033 min
Delta R.T.: 0.015 min
Response: 137882
Conc: 0.07 ng/ml



#2 alpha-BHC

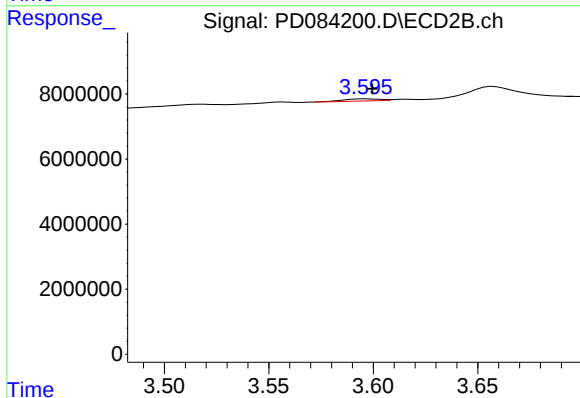
R.T.: 3.263 min
Delta R.T.: -0.008 min
Response: 697014
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

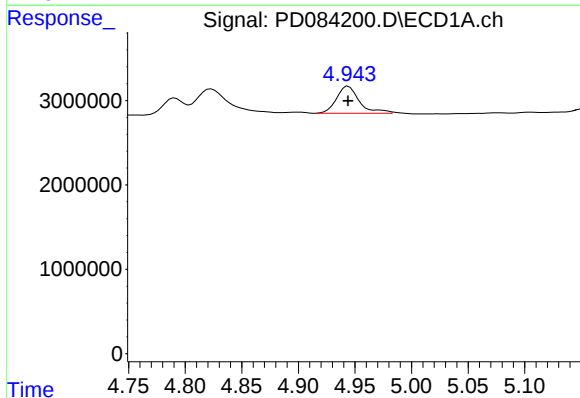
R.T.: 4.368 min
Delta R.T.: 0.016 min
Response: 163027
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024



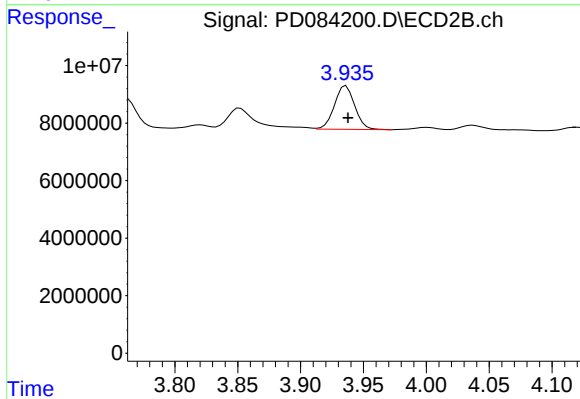
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: -0.003 min
Response: 757592
Conc: 0.09 ng/ml



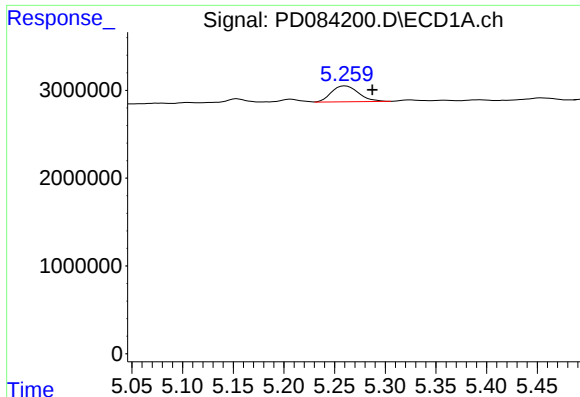
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 4487412
Conc: 2.26 ng/ml



#4 Heptachlor

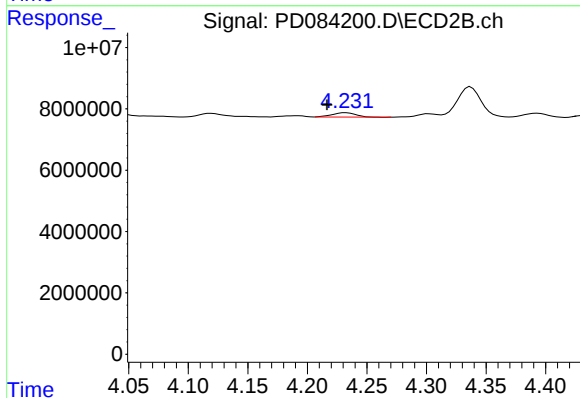
R.T.: 3.936 min
Delta R.T.: -0.001 min
Response: 17044440
Conc: 2.10 ng/ml



#5 Aldrin

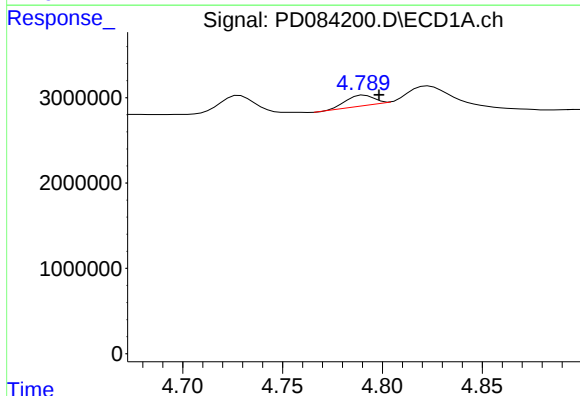
R.T.: 5.261 min
Delta R.T.: -0.026 min
Response: 3377133
Conc: 1.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024



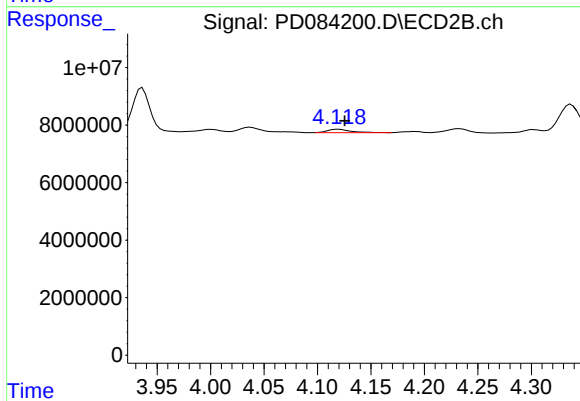
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: 0.016 min
Response: 1935298
Conc: 0.24 ng/ml



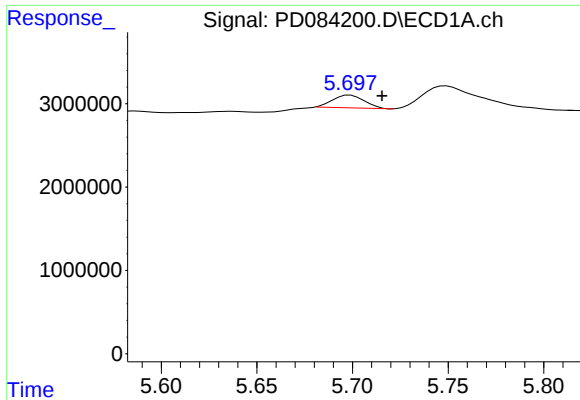
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.007 min
Response: 1174614
Conc: 0.65 ng/ml



#7 delta-BHC

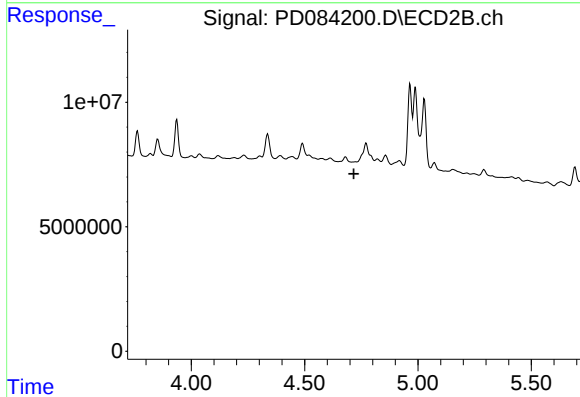
R.T.: 4.119 min
Delta R.T.: -0.006 min
Response: 1769874
Conc: 0.21 ng/ml



#8 Heptachlor epoxide

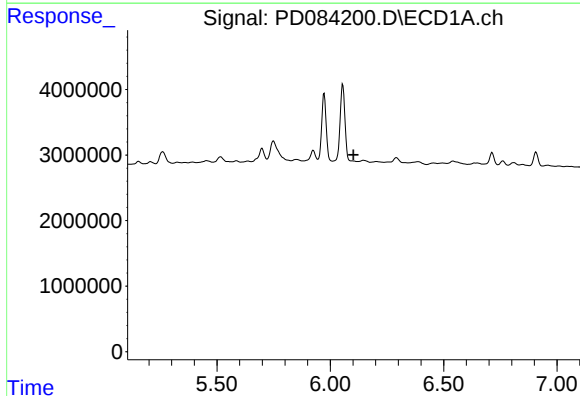
R.T.: 5.699 min
Delta R.T.: -0.017 min
Response: 1764026
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024



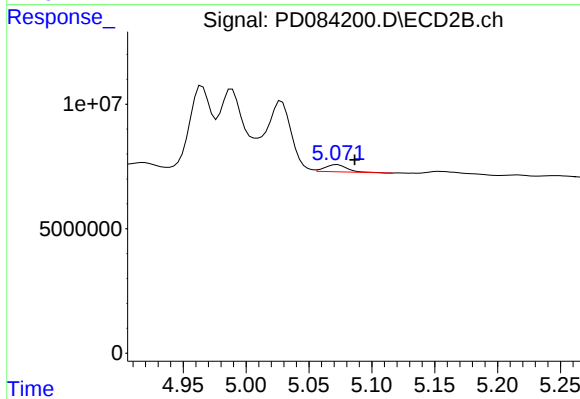
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.717 min
Response: 0
Conc: N.D.



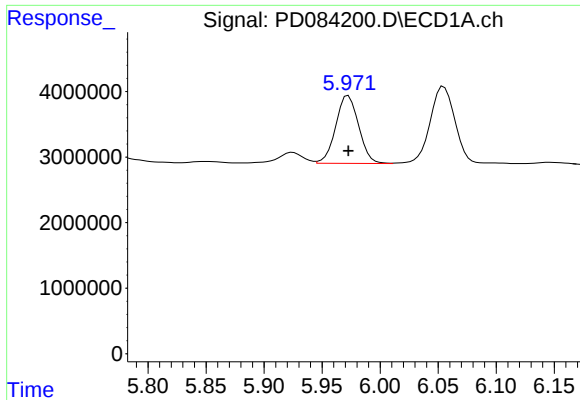
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.103 min
Response: 0
Conc: N.D.



#9 Endosulfan I

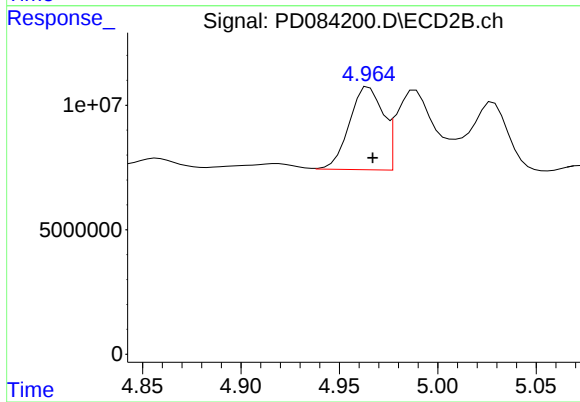
R.T.: 5.073 min
Delta R.T.: -0.014 min
Response: 3524596
Conc: 0.51 ng/ml



#10 gamma-Chlordane

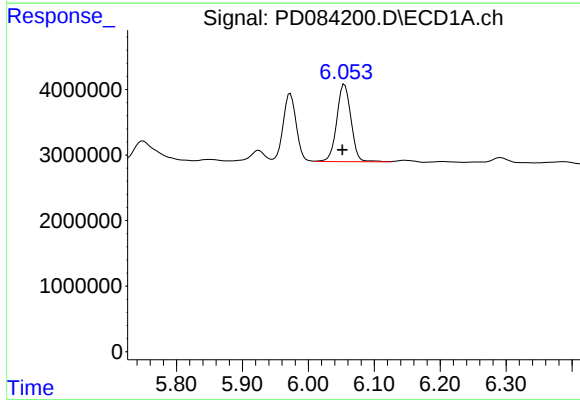
R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 14204700
Conc: 7.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024



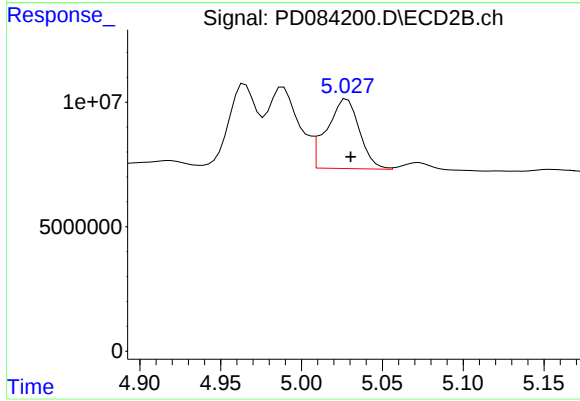
#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 39313233
Conc: 5.19 ng/ml



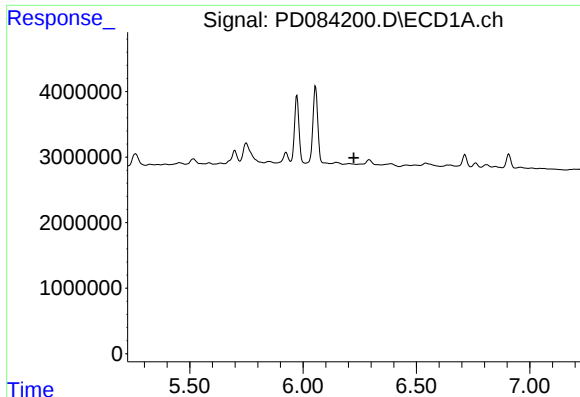
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.003 min
Response: 17740676
Conc: 8.90 ng/ml



#11 alpha-Chlordane

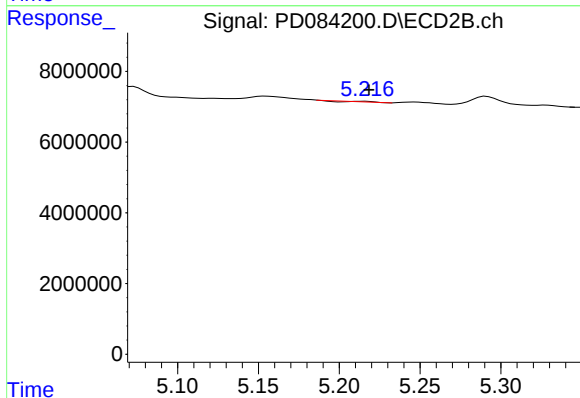
R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 39298379
Conc: 5.26 ng/ml



#12 4,4'-DDE

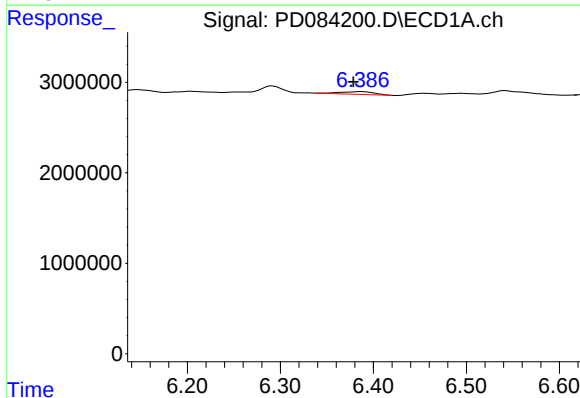
R.T.: 0.000 min
Exp R.T.: 6.224 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024



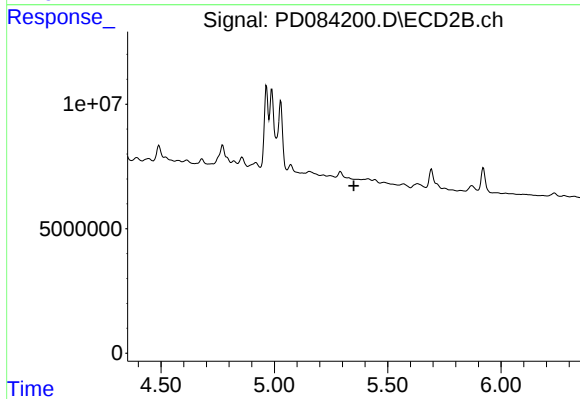
#12 4,4'-DDE

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 25638
Conc: 0.00 ng/ml



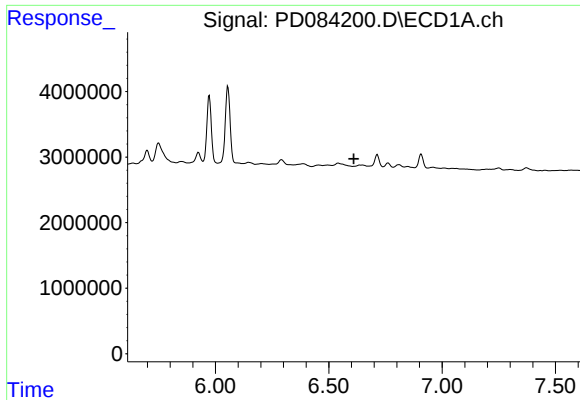
#13 Dieldrin

R.T.: 6.387 min
Delta R.T.: 0.009 min
Response: 738312
Conc: 0.36 ng/ml



#13 Dieldrin

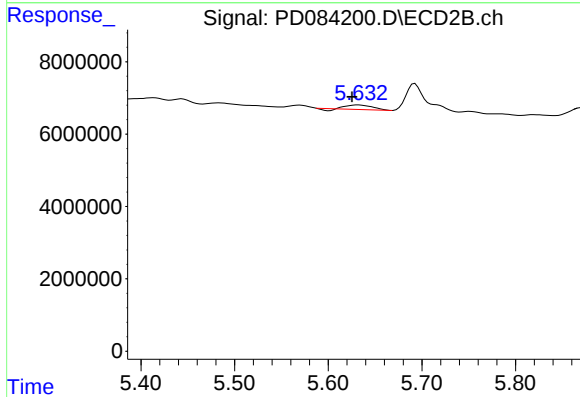
R.T.: 0.000 min
Exp R.T.: 5.350 min
Response: 0
Conc: N.D.



#14 Endrin

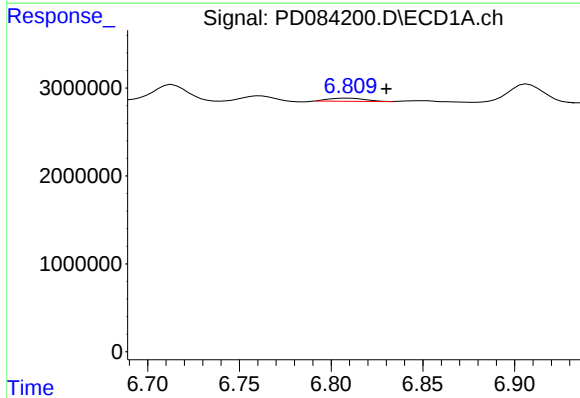
R.T.: 6.636 min
Delta R.T.: 0.026 min
Response: -183683
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024



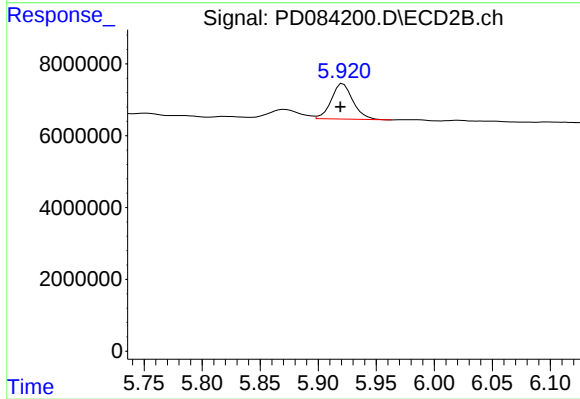
#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.006 min
Response: 2156531
Conc: 0.33 ng/ml



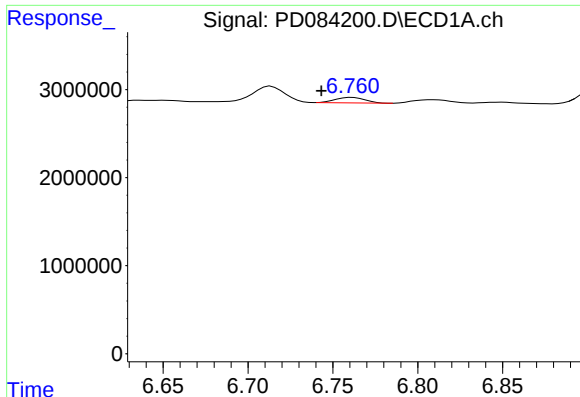
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: -0.021 min
Response: 499928
Conc: 0.26 ng/ml



#15 Endosulfan II

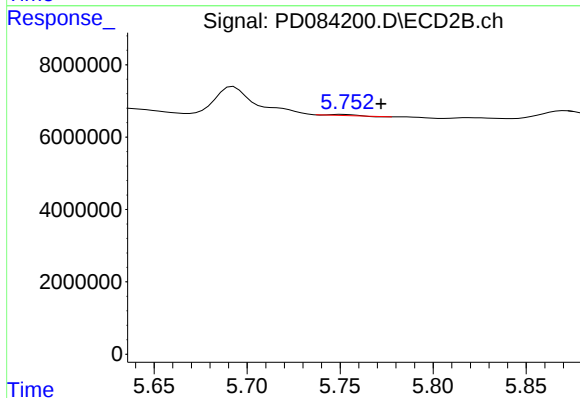
R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 12792380
Conc: 2.00 ng/ml



#16 4,4'-DDD

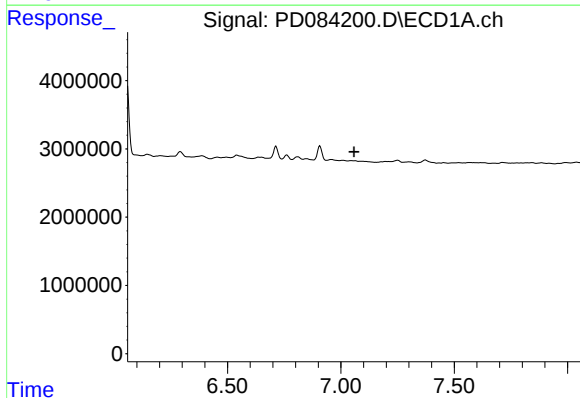
R.T.: 6.761 min
Delta R.T.: 0.018 min
Response: 763299
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024



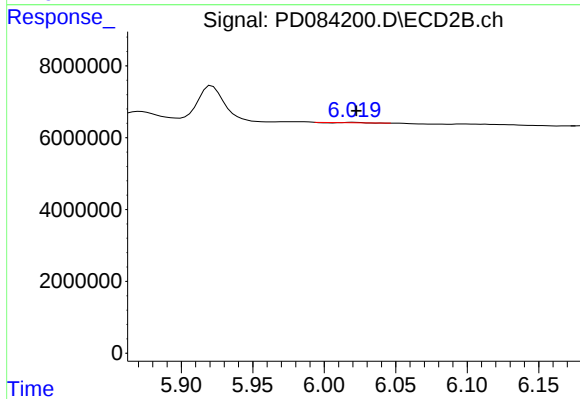
#16 4,4'-DDD

R.T.: 5.751 min
Delta R.T.: -0.021 min
Response: 227232
Conc: 0.04 ng/ml



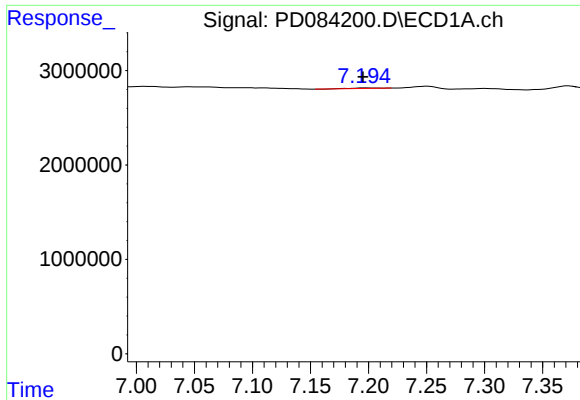
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.058 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

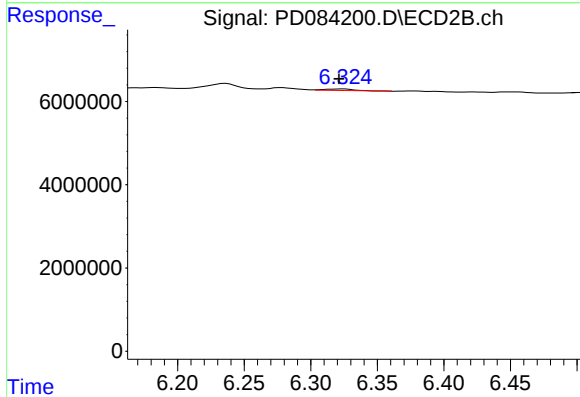
R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 65164
Conc: 0.01 ng/ml



#19 Endosulfan Sulfate

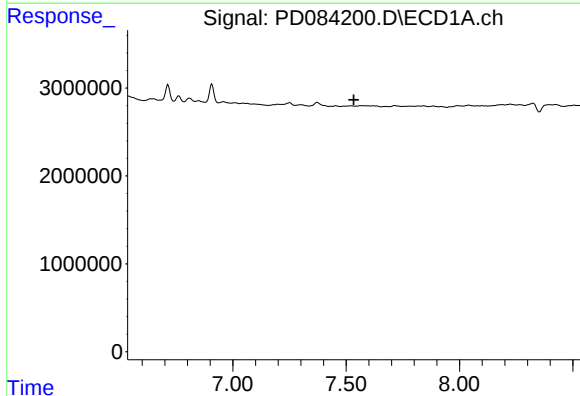
R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 67831
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024



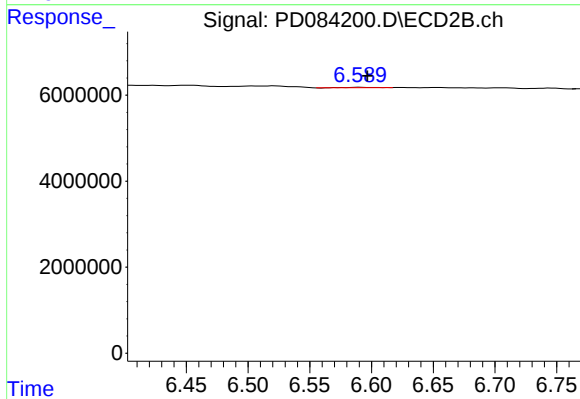
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: 0.003 min
Response: 503672
Conc: 0.08 ng/ml



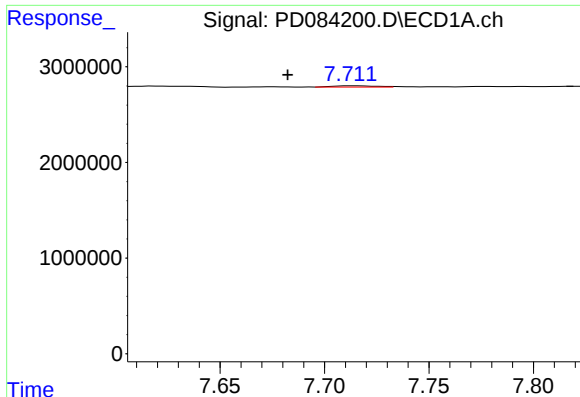
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.534 min
Response: 0
Conc: N.D.



#20 Methoxychlor

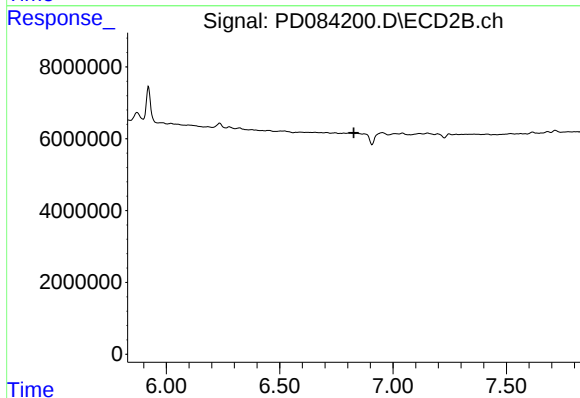
R.T.: 6.590 min
Delta R.T.: -0.007 min
Response: 143799
Conc: 0.05 ng/ml



#21 Endrin ketone

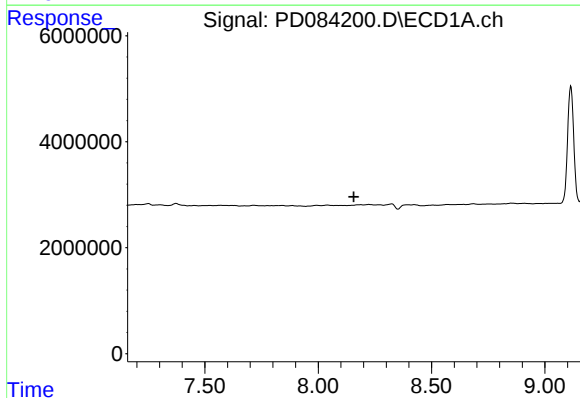
R.T.: 7.713 min
Delta R.T.: 0.031 min
Response: 188471
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024



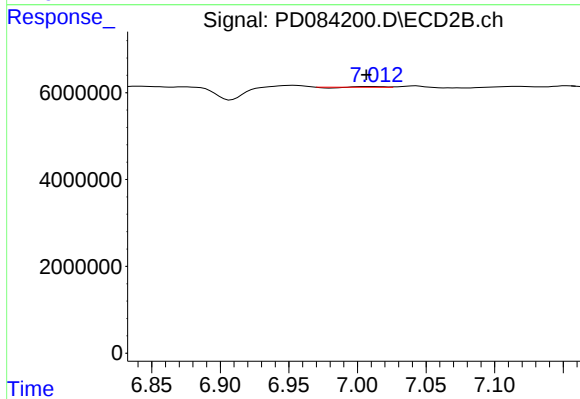
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.827 min
Response: 0
Conc: N.D.



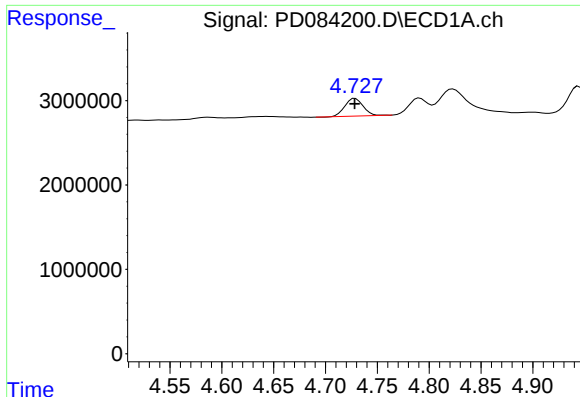
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.158 min
Response: 0
Conc: N.D.



#22 Mirex

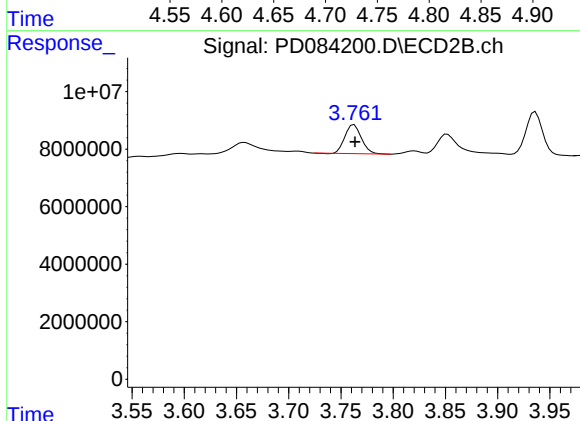
R.T.: 7.013 min
Delta R.T.: 0.007 min
Response: 56672
Conc: 0.01 ng/ml



#23 Chlordane-1

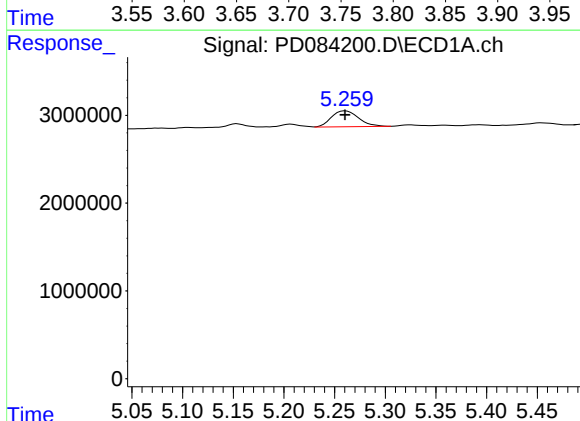
R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 2627901
Conc: 42.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024



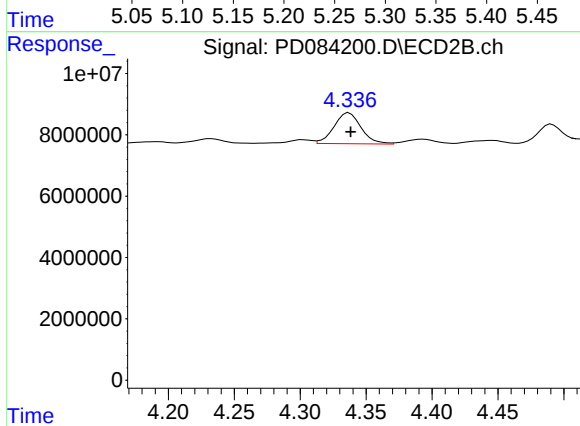
#23 Chlordane-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 11116732
Conc: 47.54 ng/ml



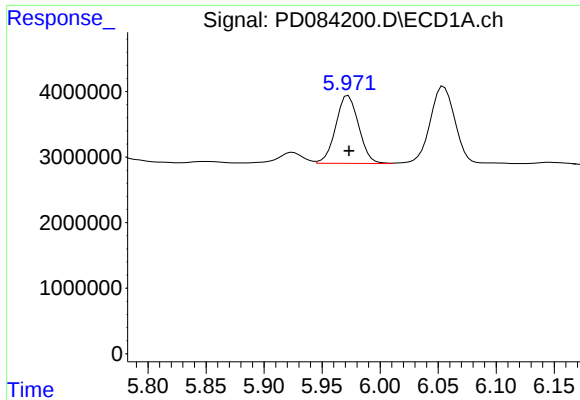
#24 Chlordane-2

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 3377133
Conc: 48.61 ng/ml



#24 Chlordane-2

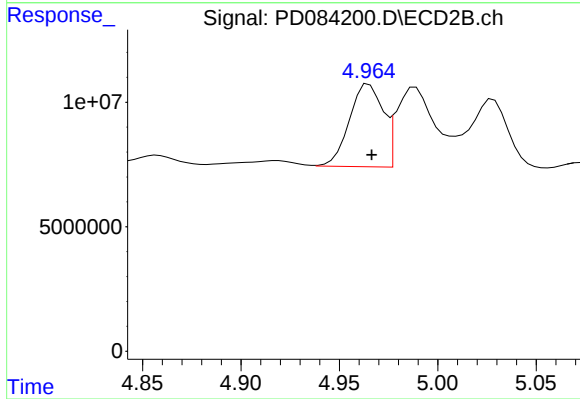
R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 14467929
Conc: 51.55 ng/ml



#25 Chlordane-3

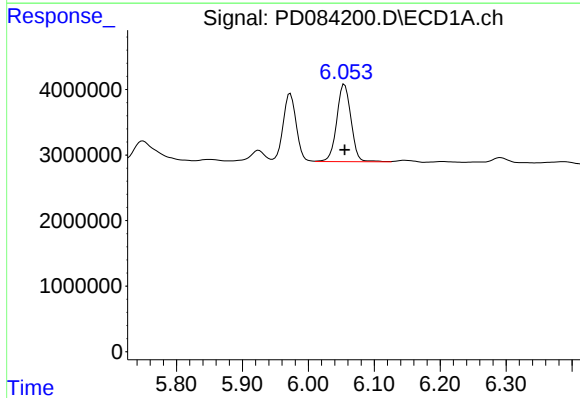
R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 14204700
Conc: 46.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024



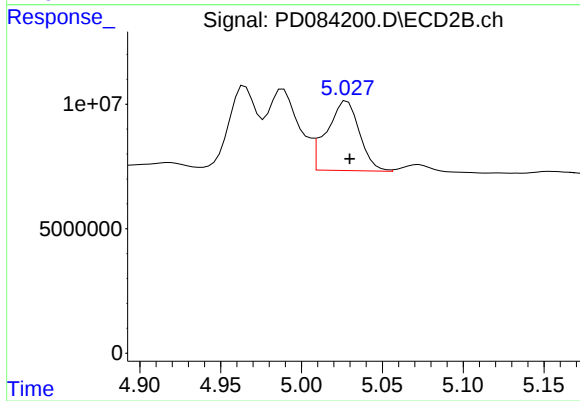
#25 Chlordane-3

R.T.: 4.965 min
Delta R.T.: -0.001 min
Response: 39313233
Conc: 50.54 ng/ml



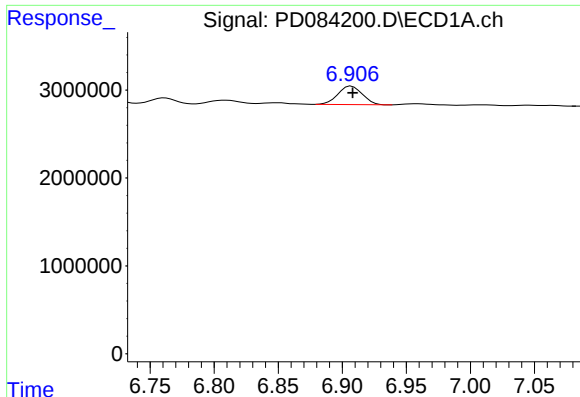
#26 Chlordane-4

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 17740676
Conc: 48.25 ng/ml



#26 Chlordane-4

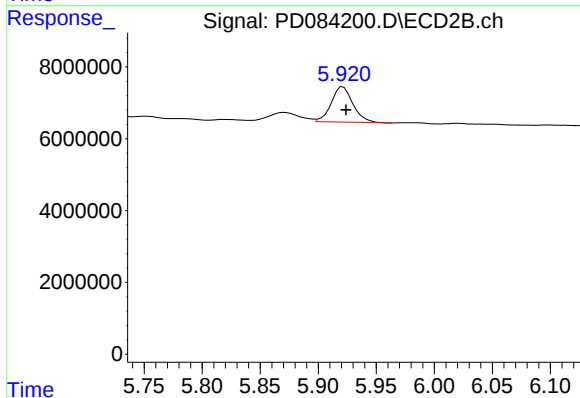
R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 39298379
Conc: 51.27 ng/ml



#27 Chlordane-5

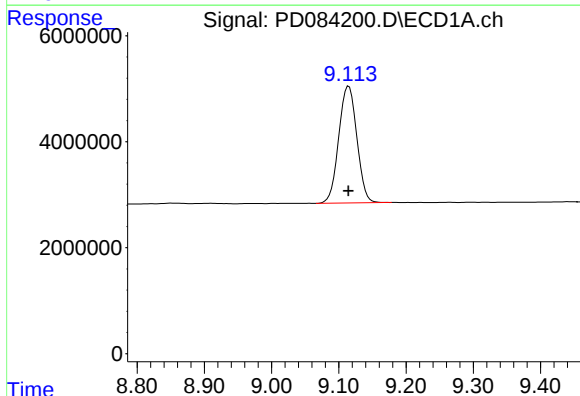
R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 2784514
Conc: 41.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024



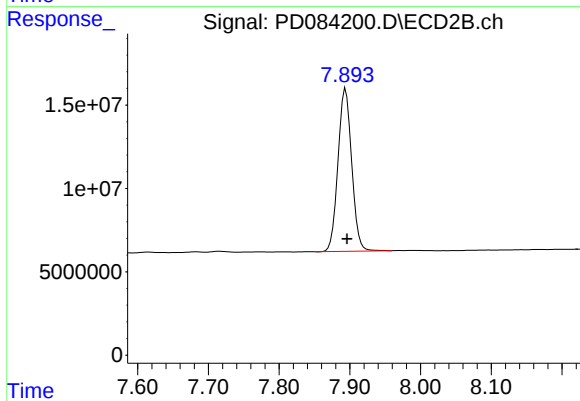
#27 Chlordane-5

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 12792380
Conc: 46.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 41206687
Conc: 18.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 131729995
Conc: 20.51 ng/ml