

Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047891.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 May 2018 23:59
 Operator : UA/AJ
 Sample : LOQ CHLOR WATER 01
 Misc : Precision Bias Study 01 (50 PPB)
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ CHLOR WATER 01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:03:33 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD052418.M
 Quant Title : GC Extractables
 QLast Update : Thu May 24 12:13:46 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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...	3.424	4.039	20202745	329.1E6	17.594	18.305
28) SA Decachlor...	8.144	9.114	24465804	348.7E6	17.320	20.468
Target Compounds						
2) A alpha-BHC	0.000	4.437	0	16858855	N.D.	0.589 #
4) MA Heptachlor	4.434	5.227	3423935	69965225	2.040	2.782 #
5) MB Aldrin	0.000	5.503	0	53228947	N.D.	2.225 #
6) B beta-BHC	4.353f	0.000	2027760	0	2.824	N.D. #
7) B delta-BHC	0.000	5.078	0	29172231	N.D.	1.123 #
8) B Heptachlo...	5.168f	5.898	-1122637	23106673	N.D.	1.040
9) A Endosulfan I	5.402f	6.226f	6645021	184.8E6	4.706	9.131 #
10) B gamma-Chl...	5.344	6.149	12856734	156.9E6	8.385	6.849
11) B alpha-Chl...	5.402	6.226	6645021	184.8E6	4.435	8.401 #
12) B 4,4'-DDE	0.000	6.443f	0	13513590	N.D.	0.630 #
14) MA Endrin	0.000	6.763	0	453270	N.D.	0.024 #
15) B Endosulfa...	6.234	6.882f	3044211	8305847	2.141	0.434 #
16) A 4,4'-DDD	0.000	6.838	0	18094743	N.D.	1.023 #
18) B Endrin al...	0.000	7.024f	0	41235505	N.D.	2.537 #
23) Chlordane-1	4.285	5.038	3342278	54468489	57.863	53.504
24) Chlordane-2	4.782	5.503	2783300	53228947	47.271	56.373
25) Chlordane-3	5.344	6.149	12856734	156.9E6	71.563	49.039 #
26) Chlordane-4	5.402	6.226	6645021	184.8E6	41.768	50.200
27) Chlordane-5	6.234	7.024	3044211	41235505	51.306	49.414

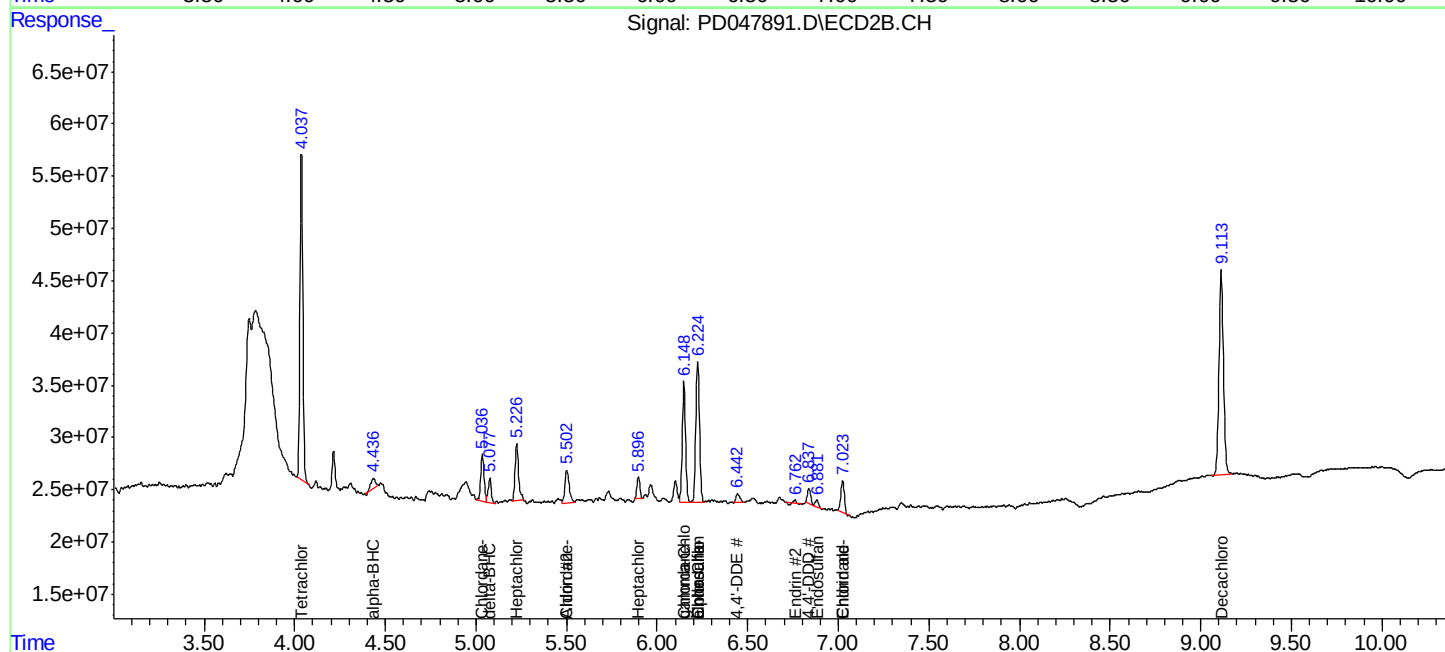
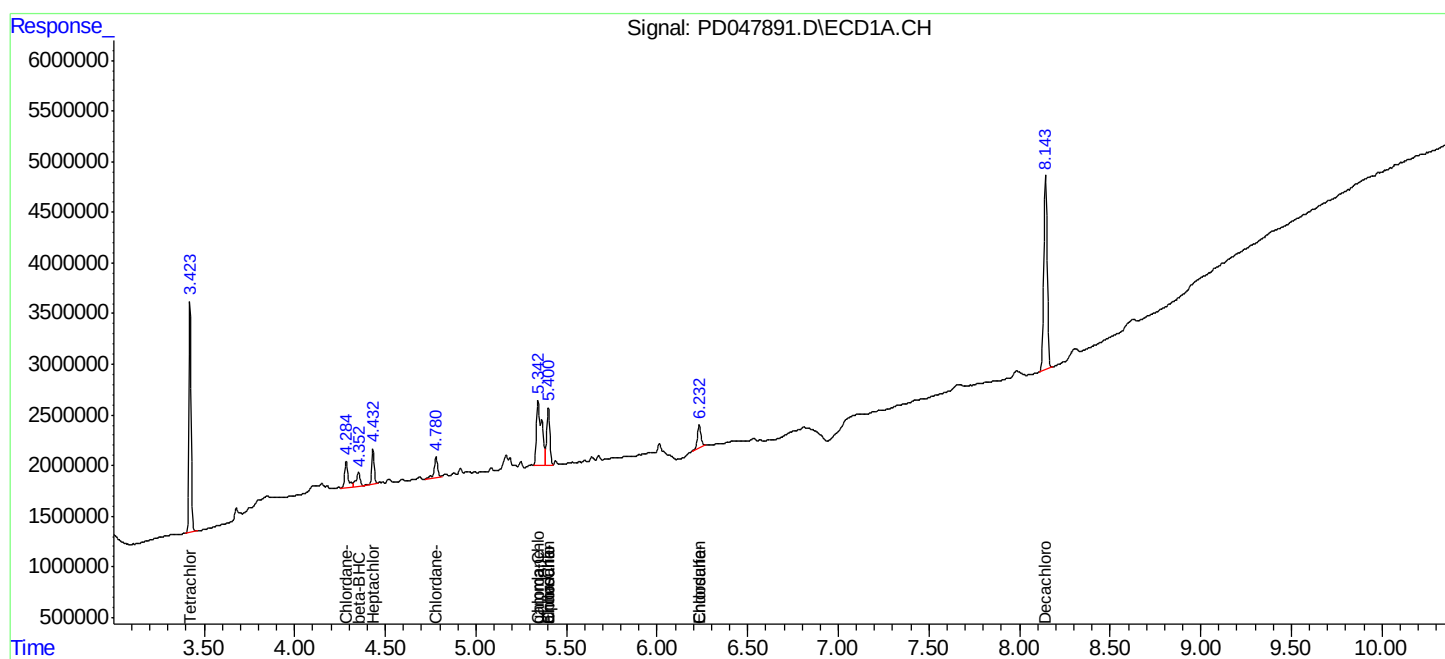
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

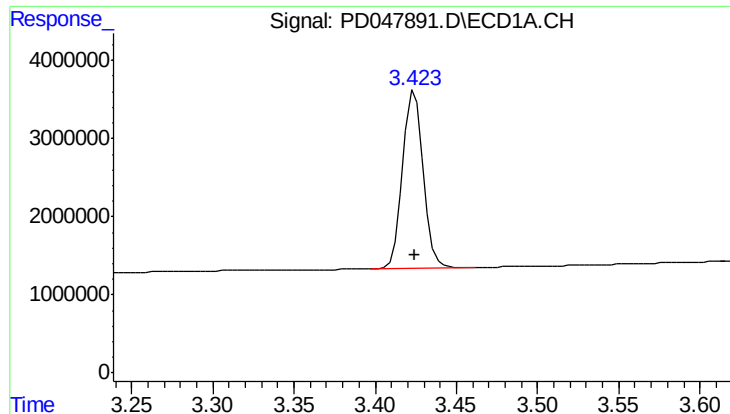
Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

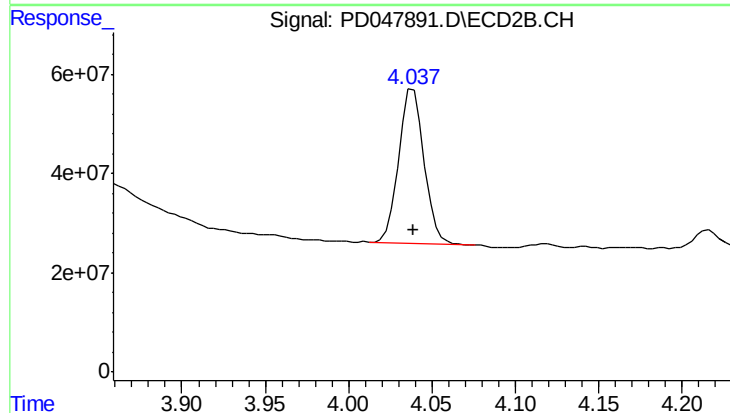




#1 Tetrachloro-m-xylene

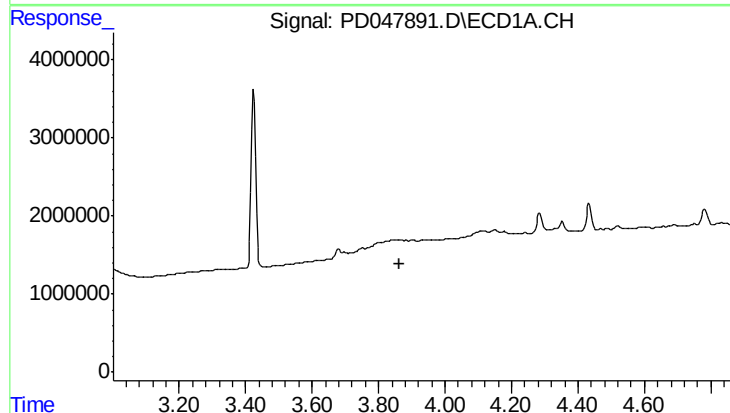
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 20202745
Conc: 17.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 01



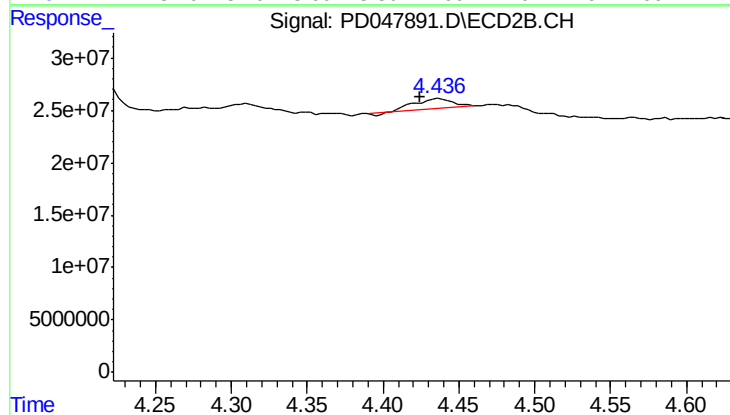
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 329142390
Conc: 18.30 ng/ml



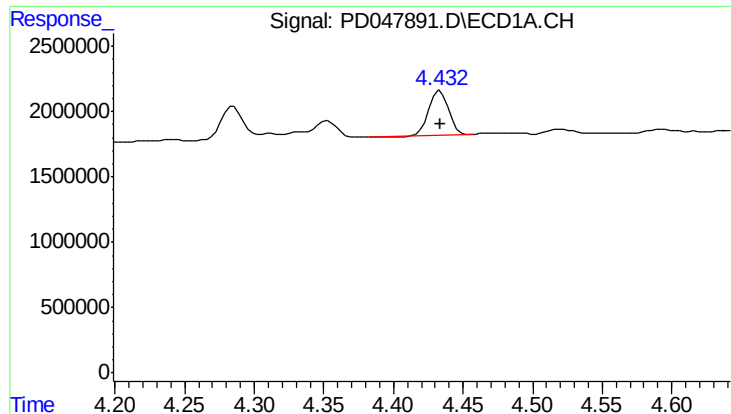
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T.: 3.861 min
Response: 0
Conc: N.D.



#2 alpha-BHC

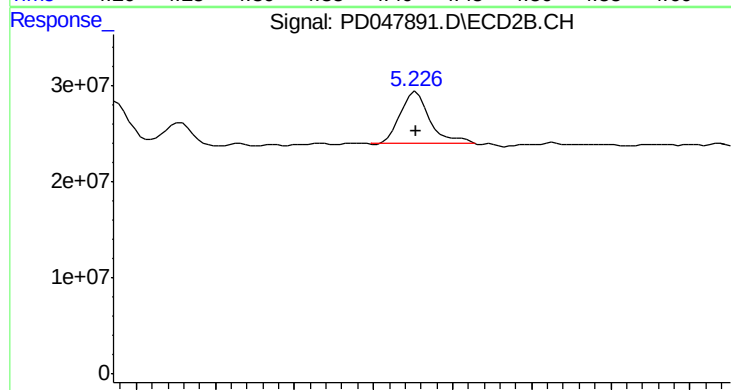
R.T.: 4.437 min
Delta R.T.: 0.013 min
Response: 16858855
Conc: 0.59 ng/ml



#4 Heptachlor

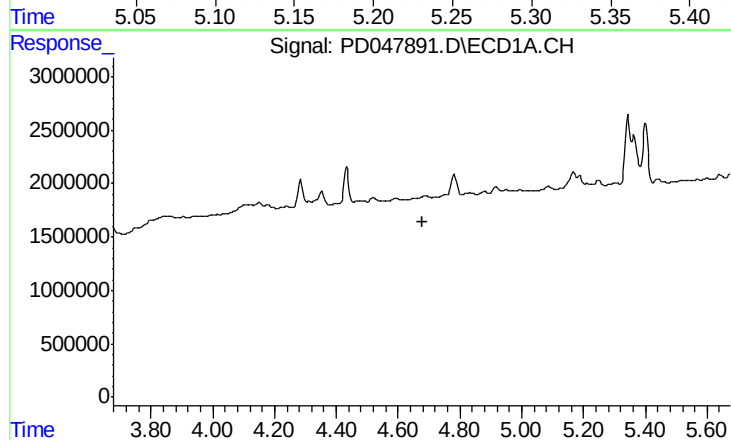
R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 3423935
Conc: 2.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 01



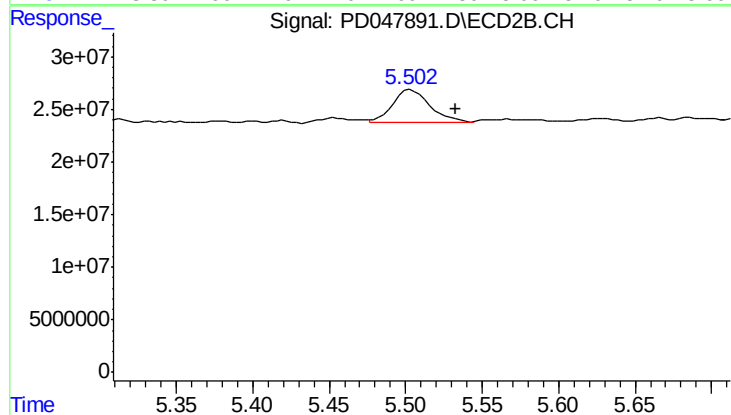
#4 Heptachlor

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 69965225
Conc: 2.78 ng/ml



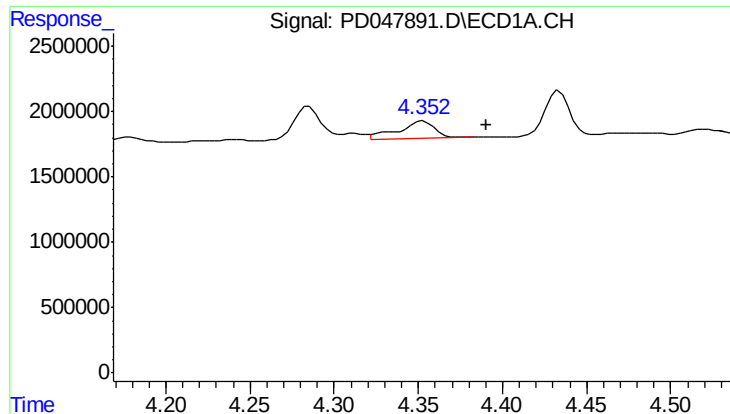
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 4.678 min
Response: 0
Conc: N.D.



#5 Aldrin

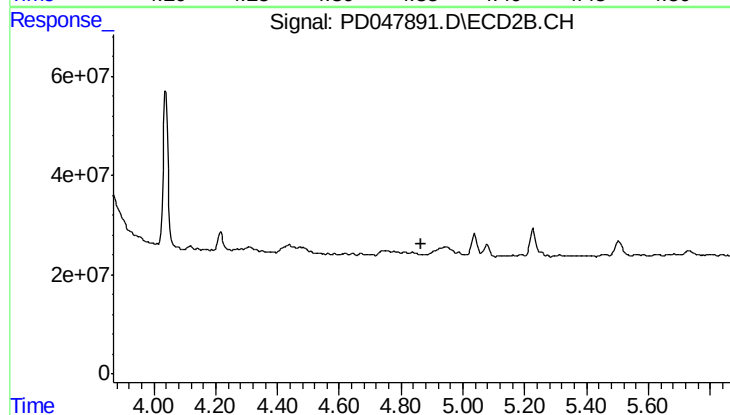
R.T.: 5.503 min
Delta R.T.: -0.030 min
Response: 53228947
Conc: 2.22 ng/ml



#6 beta-BHC

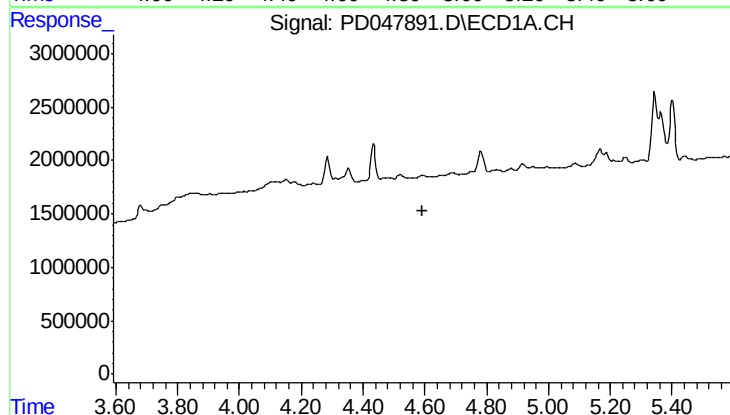
R.T.: 4.353 min
Delta R.T.: -0.038 min
Response: 2027760
Conc: 2.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 01



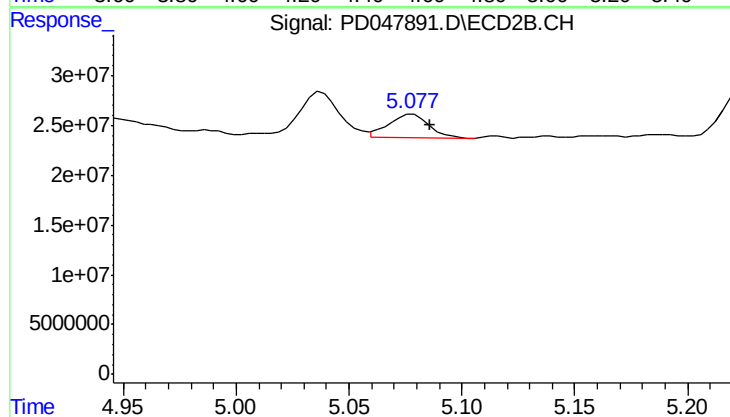
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.866 min
Response: 0
Conc: N.D.



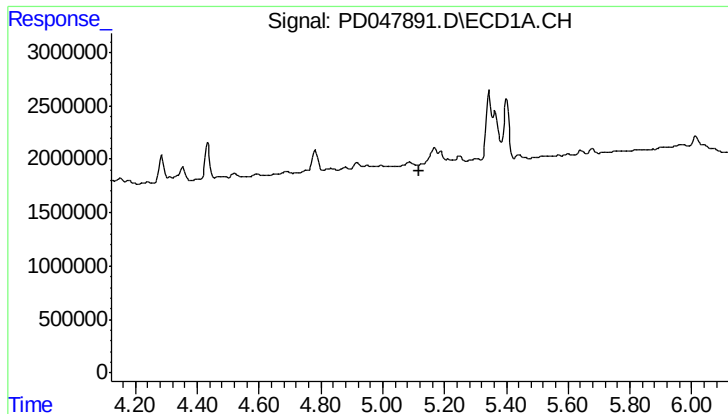
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.592 min
Response: 0
Conc: N.D.



#7 delta-BHC

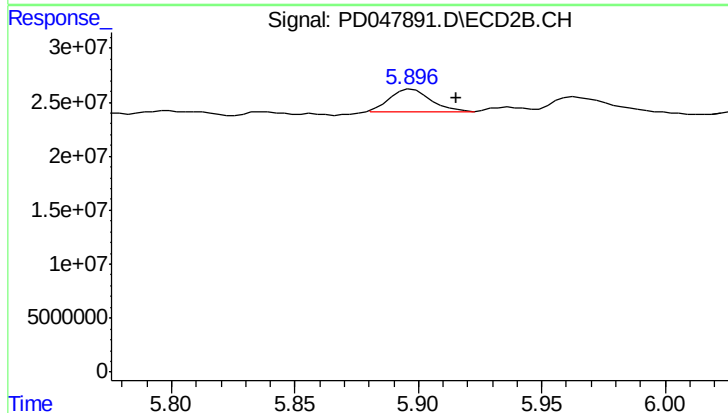
R.T.: 5.078 min
Delta R.T.: -0.008 min
Response: 29172231
Conc: 1.12 ng/ml



#8 Heptachlor epoxide

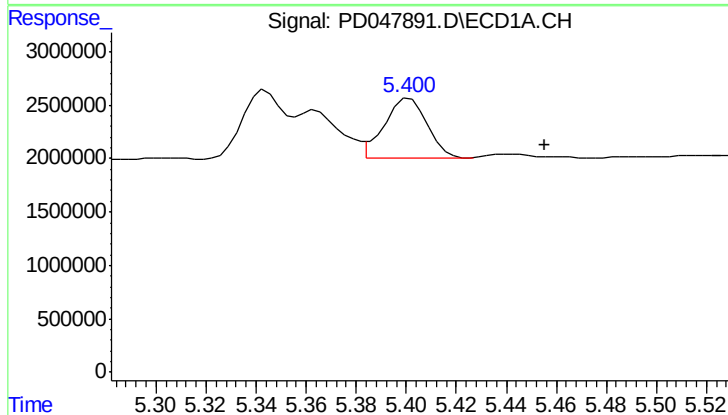
R.T.: 5.168 min
Delta R.T.: 0.048 min
Response: -1122637
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 01



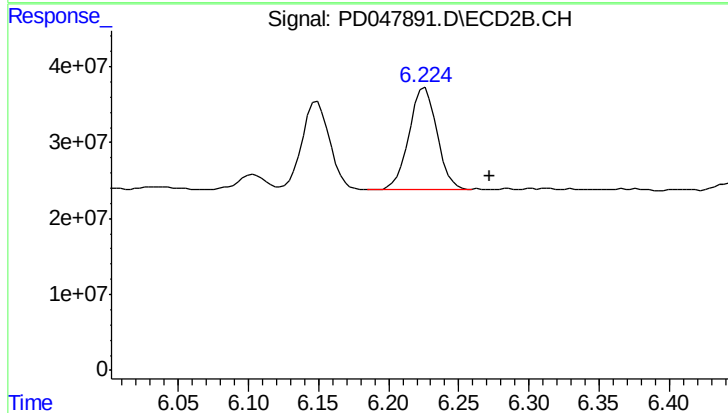
#8 Heptachlor epoxide

R.T.: 5.898 min
Delta R.T.: -0.018 min
Response: 23106673
Conc: 1.04 ng/ml



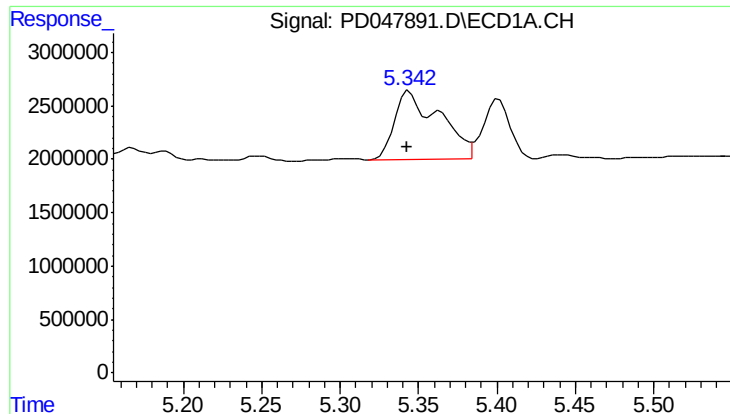
#9 Endosulfan I

R.T.: 5.402 min
Delta R.T.: -0.054 min
Response: 6645021
Conc: 4.71 ng/ml



#9 Endosulfan I

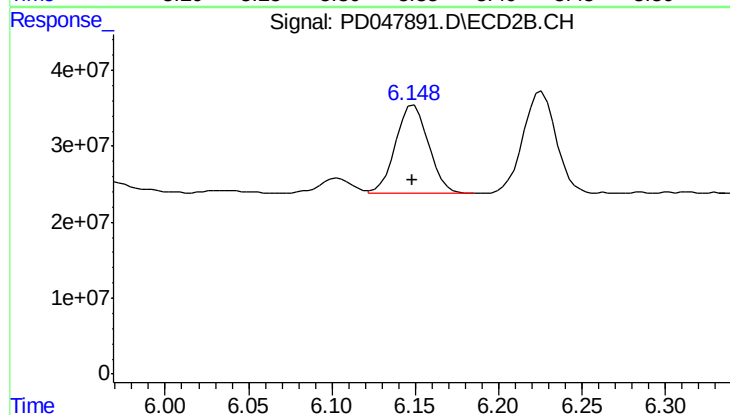
R.T.: 6.226 min
Delta R.T.: -0.046 min
Response: 184766318
Conc: 9.13 ng/ml



#10 gamma-Chlordane

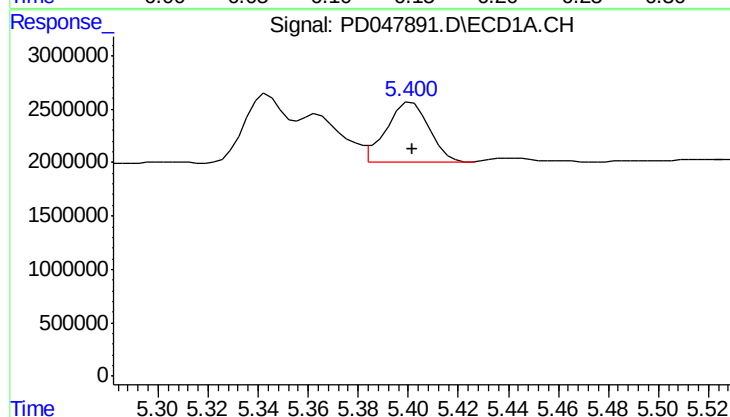
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 12856734
Conc: 8.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 01



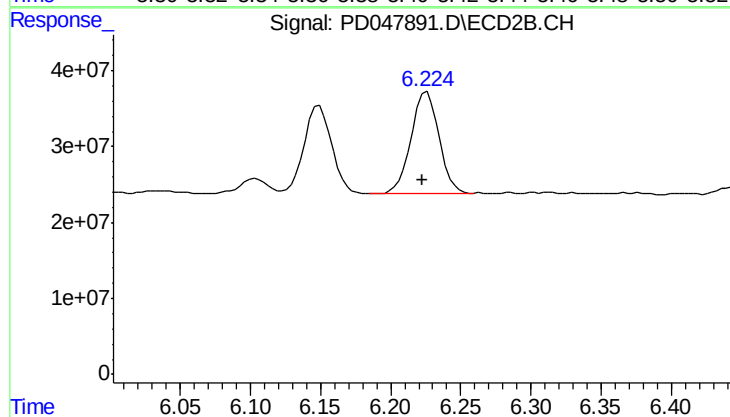
#10 gamma-Chlordane

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 156944493
Conc: 6.85 ng/ml



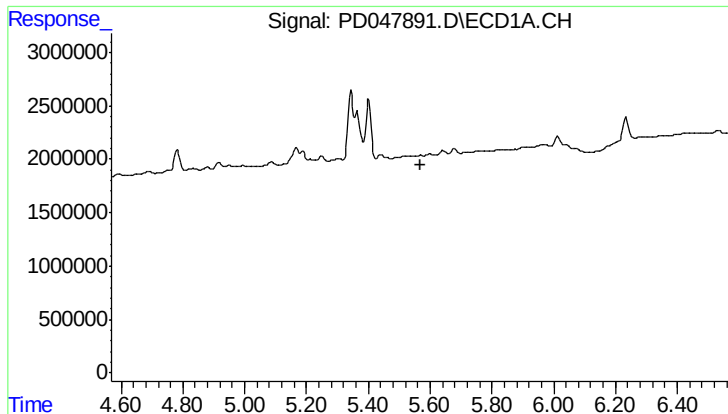
#11 alpha-Chlordane

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 6645021
Conc: 4.43 ng/ml



#11 alpha-Chlordane

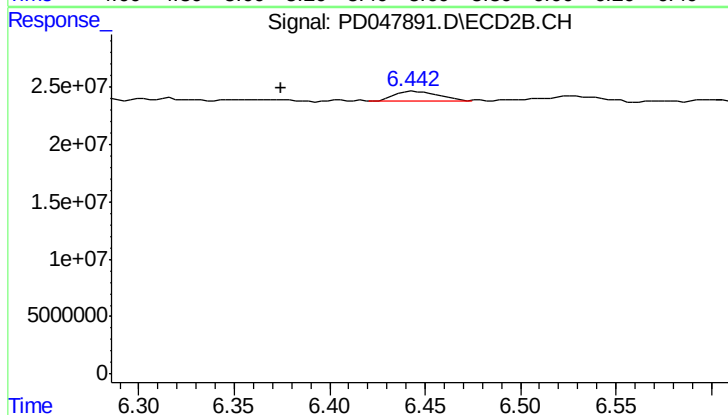
R.T.: 6.226 min
Delta R.T.: 0.003 min
Response: 184766318
Conc: 8.40 ng/ml



#12 4,4'-DDE

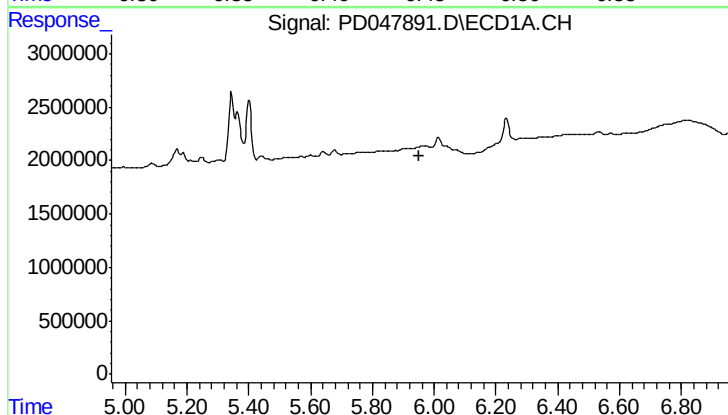
R.T.: 0.000 min
Exp R.T.: 5.568 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 01



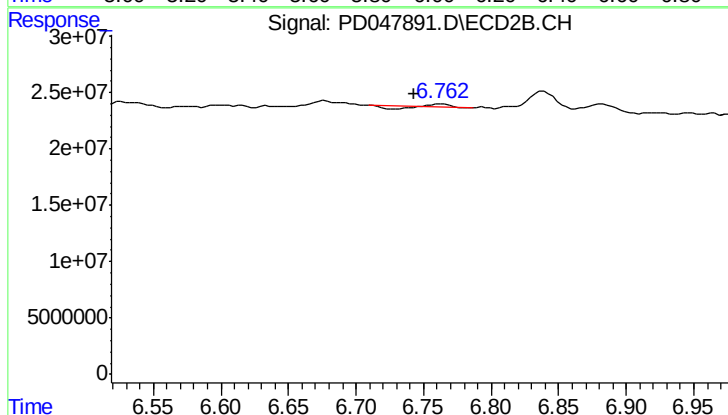
#12 4,4'-DDE

R.T.: 6.443 min
Delta R.T.: 0.069 min
Response: 13513590
Conc: 0.63 ng/ml



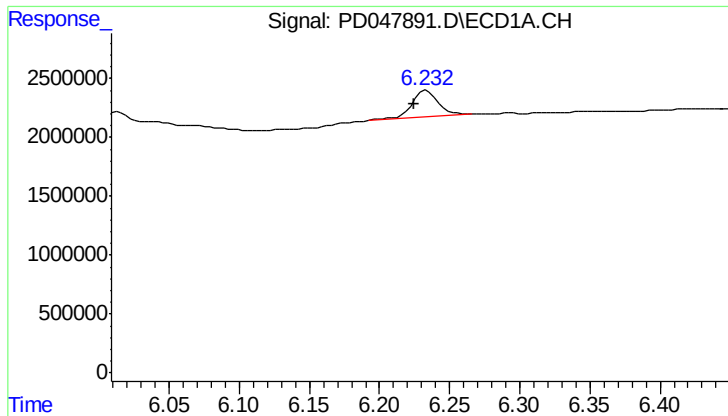
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 5.953 min
Response: 0
Conc: N.D.



#14 Endrin

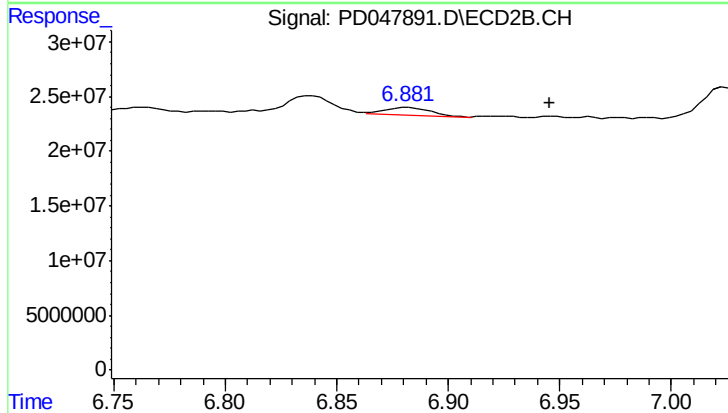
R.T.: 6.763 min
Delta R.T.: 0.020 min
Response: 453270
Conc: 0.02 ng/ml



#15 Endosulfan II

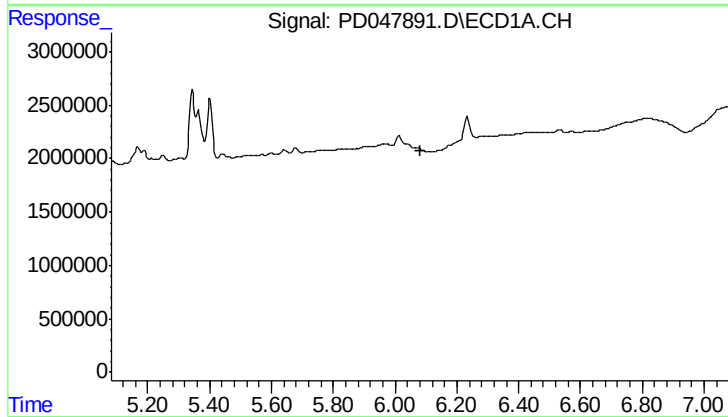
R.T.: 6.234 min
Delta R.T.: 0.009 min
Response: 3044211
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 01



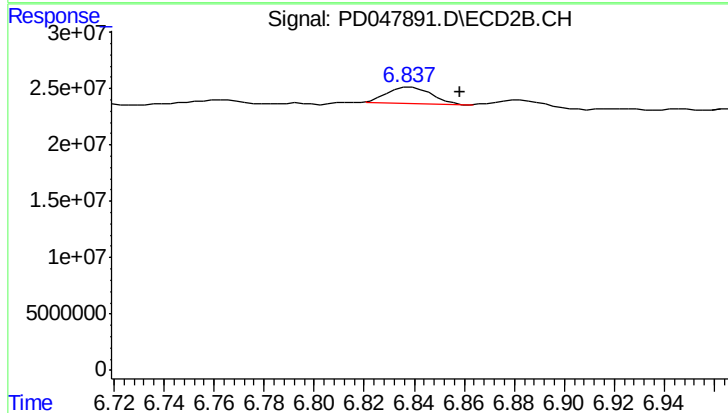
#15 Endosulfan II

R.T.: 6.882 min
Delta R.T.: -0.063 min
Response: 8305847
Conc: 0.43 ng/ml



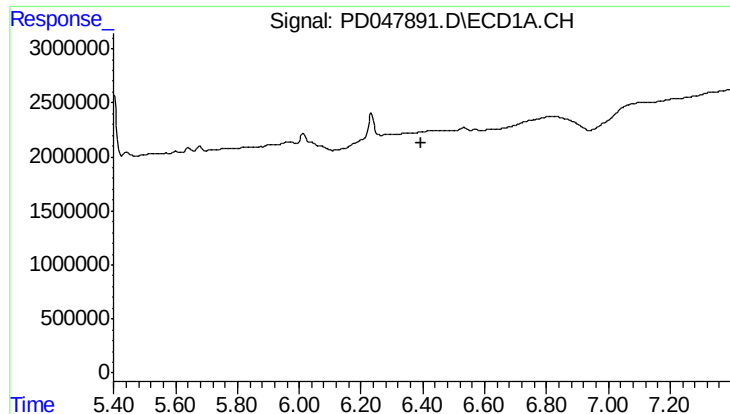
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 6.082 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

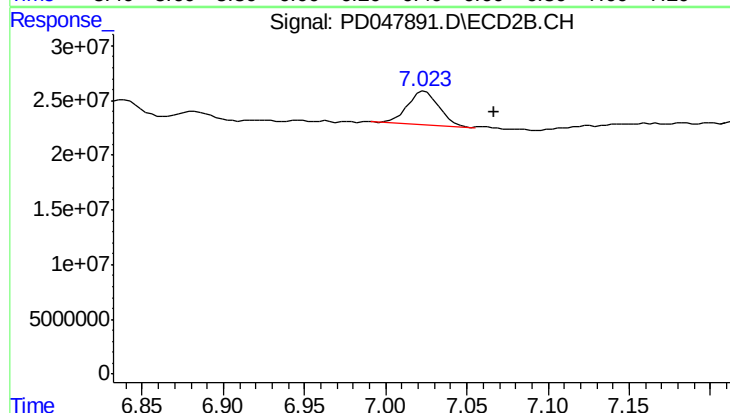
R.T.: 6.838 min
Delta R.T.: -0.020 min
Response: 18094743
Conc: 1.02 ng/ml



#18 Endrin aldehyde

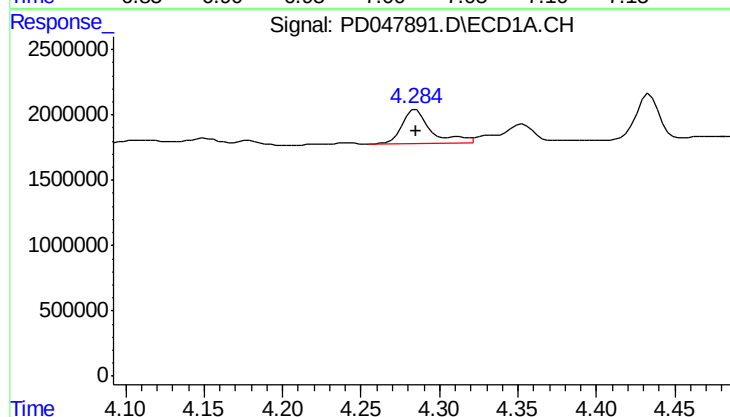
R.T.: 0.000 min
Exp R.T.: 6.396 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 01



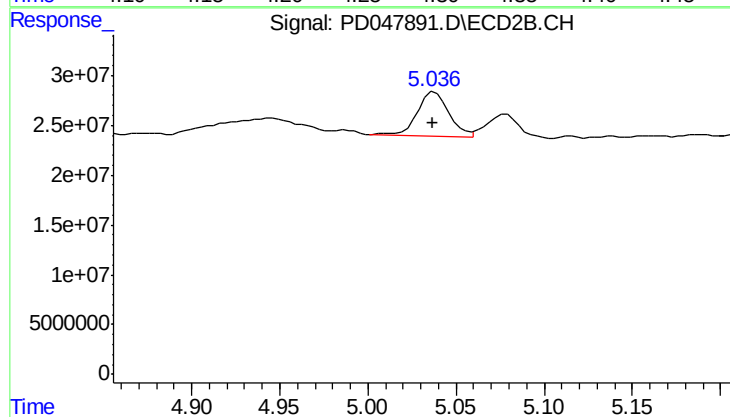
#18 Endrin aldehyde

R.T.: 7.024 min
Delta R.T.: -0.043 min
Response: 41235505
Conc: 2.54 ng/ml



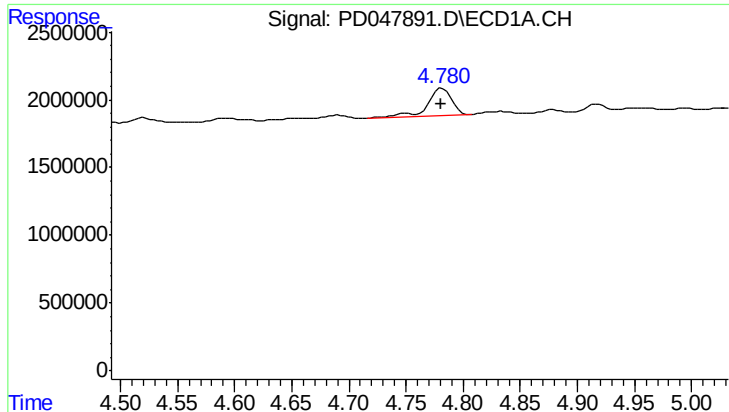
#23 Chlordane-1

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 3342278
Conc: 57.86 ng/ml



#23 Chlordane-1

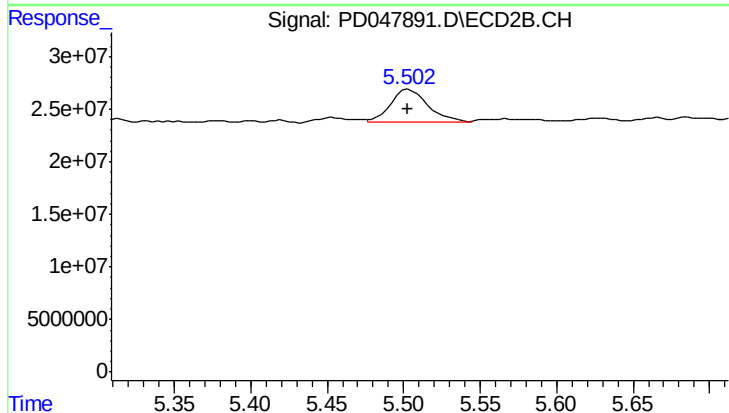
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 54468489
Conc: 53.50 ng/ml



#24 Chlordane-2

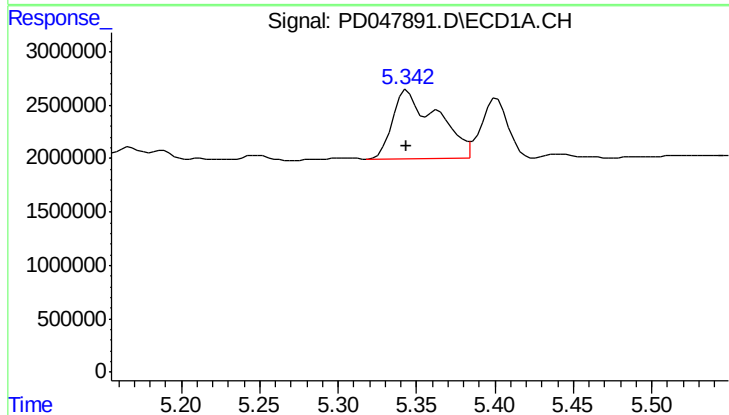
R.T.: 4.782 min
Delta R.T.: 0.001 min
Response: 2783300
Conc: 47.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 01



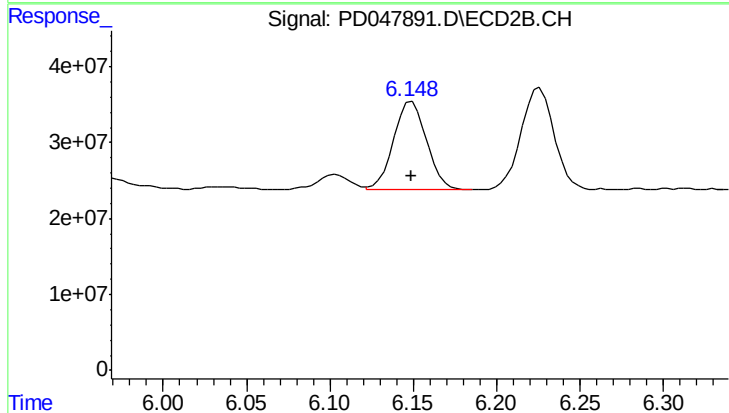
#24 Chlordane-2

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 53228947
Conc: 56.37 ng/ml



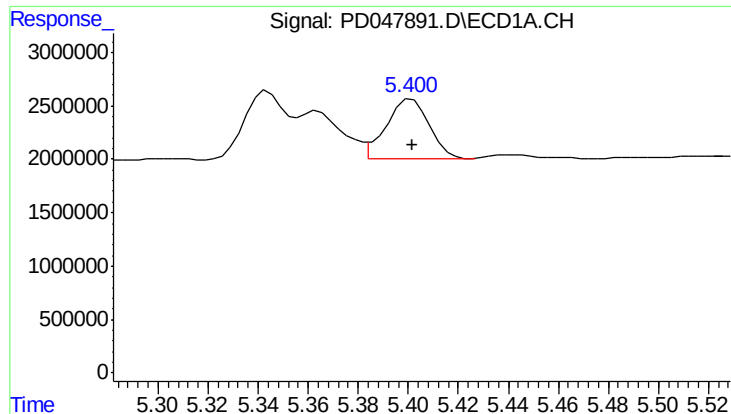
#25 Chlordane-3

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 12856734
Conc: 71.56 ng/ml



#25 Chlordane-3

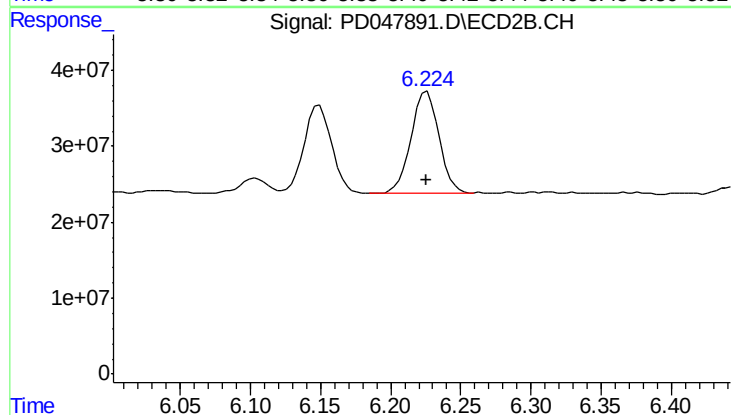
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 156944493
Conc: 49.04 ng/ml



#26 Chlordane-4

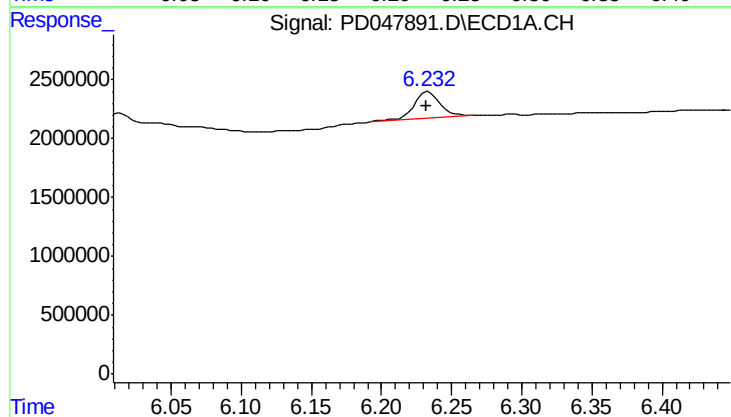
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 6645021
Conc: 41.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 01



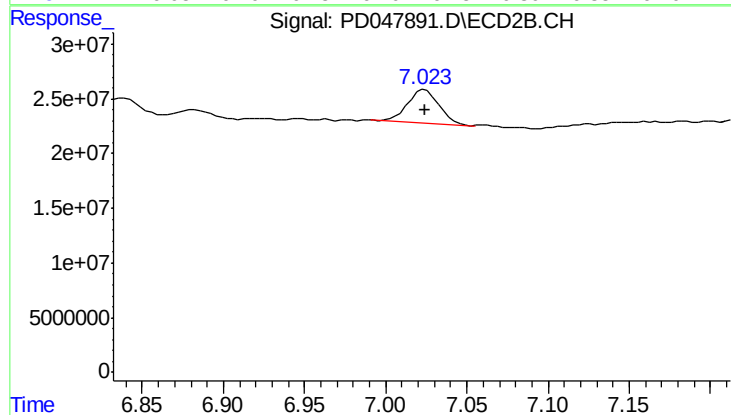
#26 Chlordane-4

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 184766318
Conc: 50.20 ng/ml



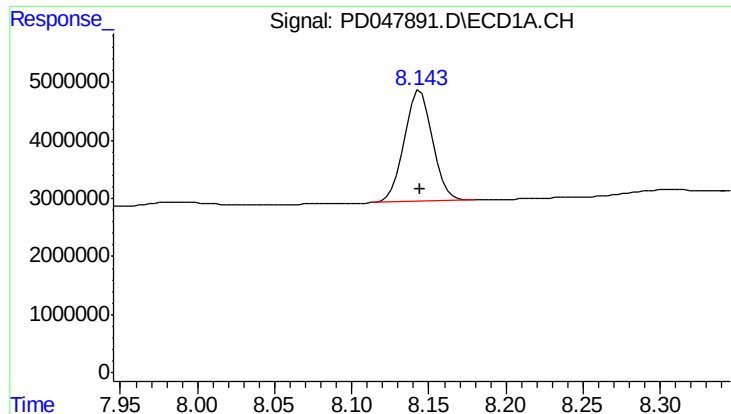
#27 Chlordane-5

R.T.: 6.234 min
Delta R.T.: 0.002 min
Response: 3044211
Conc: 51.31 ng/ml



#27 Chlordane-5

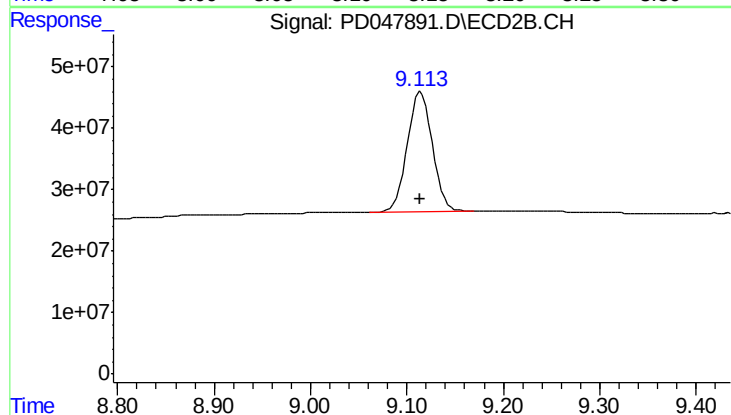
R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 41235505
Conc: 49.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 24465804
Conc: 17.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 01



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 348730974
Conc: 20.47 ng/ml