

Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047893.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 May 2018 00:29
 Operator : UA/AJ
 Sample : LOQ CHLOR WATER 03
 Misc : Precision Bias Study 03 (50 PPB)
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ CHLOR WATER 03

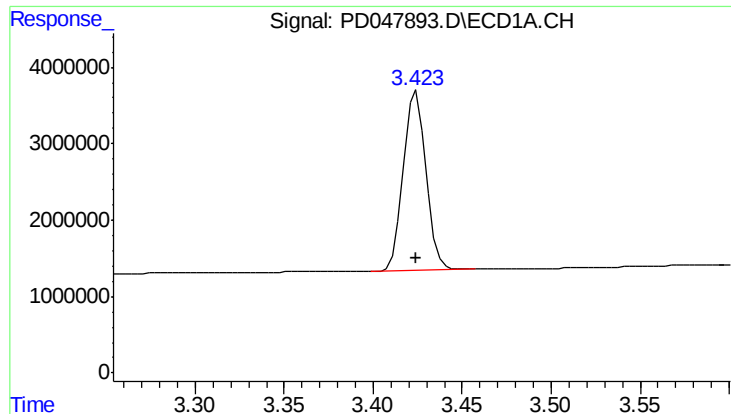
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:04:23 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD052418.M
 Quant Title : GC Extractables
 QLast Update : Thu May 24 12:13:46 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale 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 x 0.2 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...	3.425	4.039	20632716	335.2E6	17.969	18.640
28)	SA Decachlor...	8.145	9.114	25016582	353.1E6	17.710	20.722
Target Compounds							
2)	A alpha-BHC	0.000	4.440	0	15129255	N.D.	0.529 #
4)	MA Heptachlor	4.434	5.227	3516533	70244250	2.095	2.794 #
5)	MB Aldrin	0.000	5.505	0	57027276	N.D.	2.384 #
6)	B beta-BHC	4.353f	0.000	2047838	0	2.852	N.D. #
7)	B delta-BHC	0.000	5.077	0	31277928	N.D.	1.204 #
8)	B Heptachlo...	5.168f	5.897	2362490	20326245	1.553	0.915 #
9)	A Endosulfan I	5.402f	6.225f	6828228	193.8E6	4.836	9.579 #
10)	B gamma-Chl...	5.344	6.149	7579827	163.7E6	4.943	7.146 #
11)	B alpha-Chl...	5.402	6.225	6828228	193.8E6	4.557	8.813 #
14)	MA Endrin	0.000	6.769	0	11491466	N.D.	0.620 #
15)	B Endosulfa...	6.234	6.884f	3082865	7390274	2.168	0.386 #
16)	A 4,4'-DDD	0.000	6.839	0	17072873	N.D.	0.965 #
18)	B Endrin al...	0.000	7.024f	0	42028379	N.D.	2.585 #
20)	A Methoxychlor	6.813f	0.000	1677833	0	2.144	N.D. #
23)	Chlordane-1	4.285	5.038	3298329	52541808	57.102	51.611
24)	Chlordane-2	4.782	5.505	2851814	57027276	48.435	60.395
25)	Chlordane-3	5.344	6.149	7579827	163.7E6	42.191	51.162
26)	Chlordane-4	5.402	6.225	6828228	193.8E6	42.920	52.662
27)	Chlordane-5	6.234	7.024	3082865	42028379	51.958	50.365

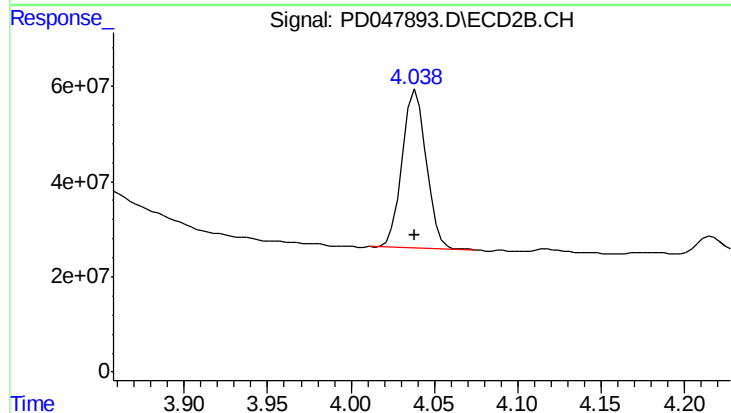
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

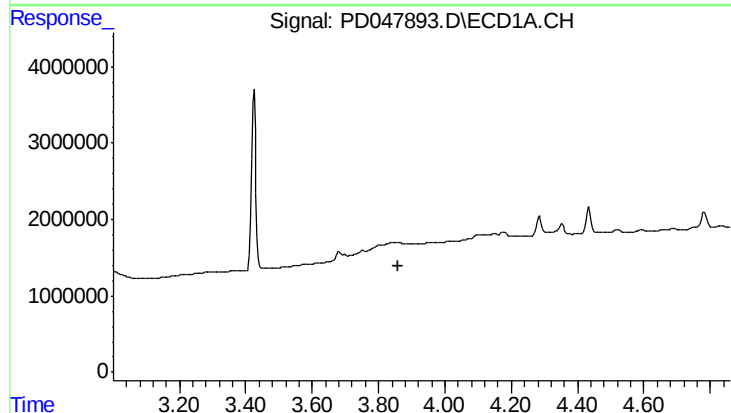
R.T.: 3.425 min
Delta R.T.: 0.000 min
Response: 20632716
Conc: 17.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 03



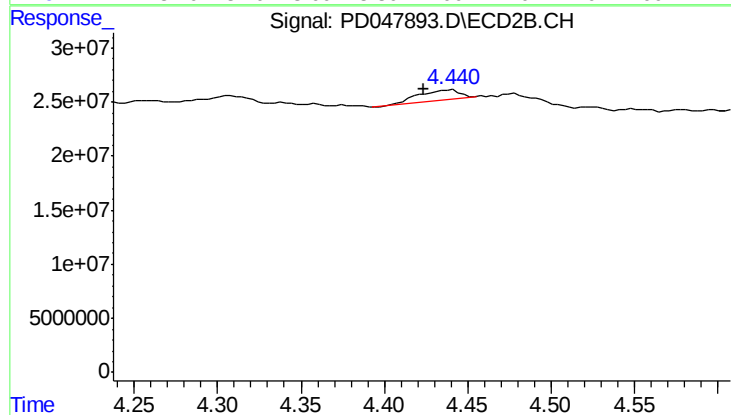
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 335173055
Conc: 18.64 ng/ml



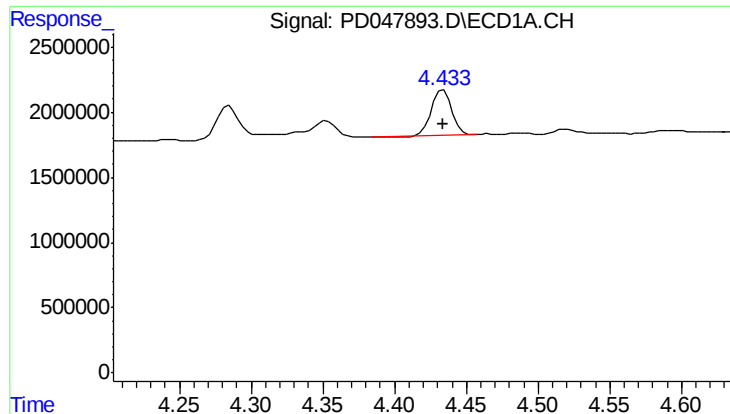
#2 alpha-BHC

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



#2 alpha-BHC

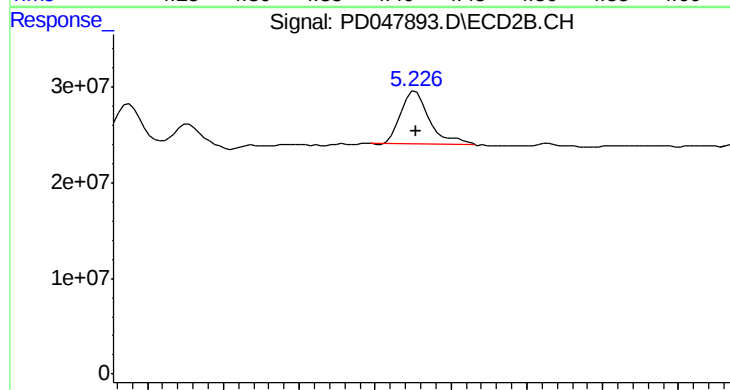
R.T.: 4.440 min
Delta R.T.: 0.016 min
Response: 15129255
Conc: 0.53 ng/ml



#4 Heptachlor

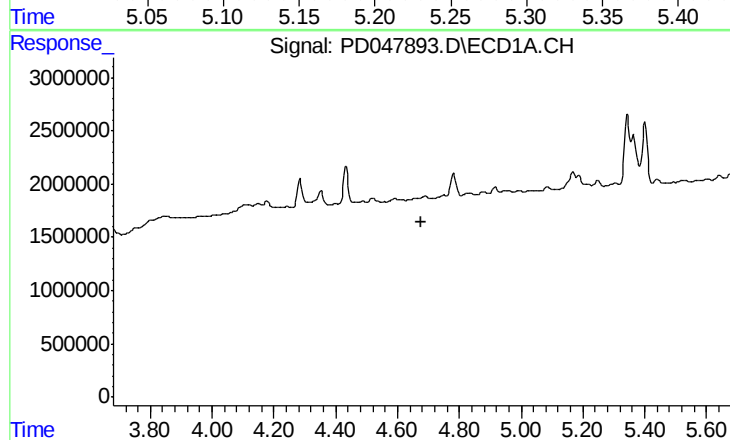
R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 3516533
Conc: 2.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 03



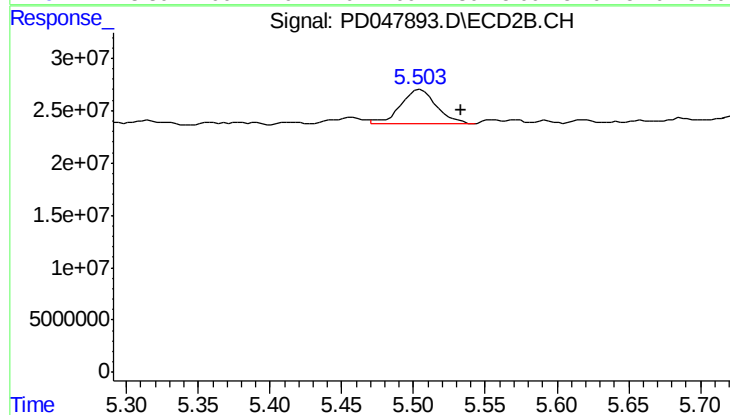
#4 Heptachlor

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 70244250
Conc: 2.79 ng/ml



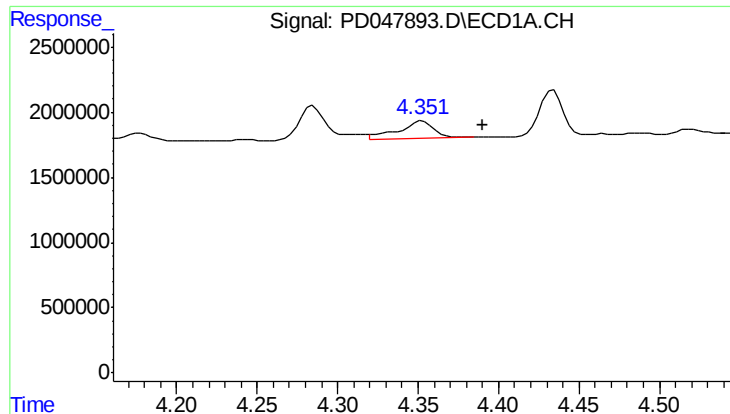
#5 Aldrin

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



#5 Aldrin

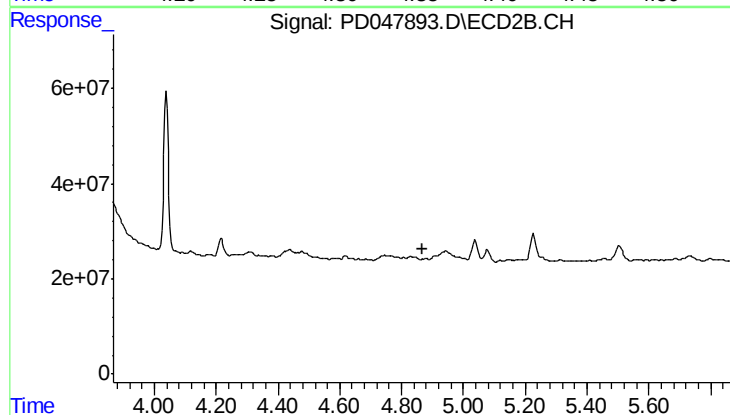
R.T.: 5.505 min
Delta R.T.: -0.029 min
Response: 57027276
Conc: 2.38 ng/ml



#6 beta-BHC

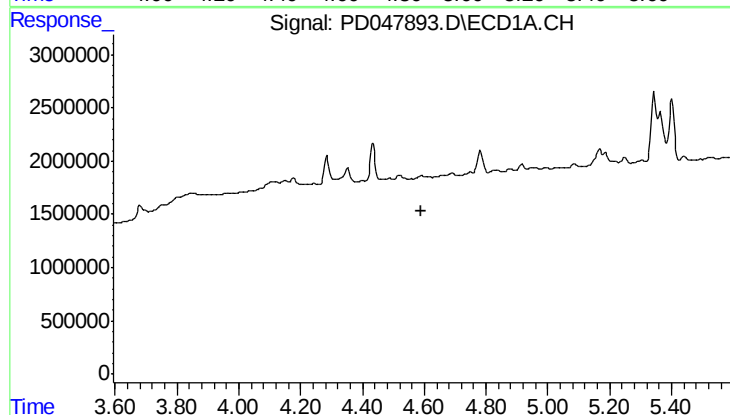
R.T.: 4.353 min
Delta R.T.: -0.038 min
Response: 2047838
Conc: 2.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 03



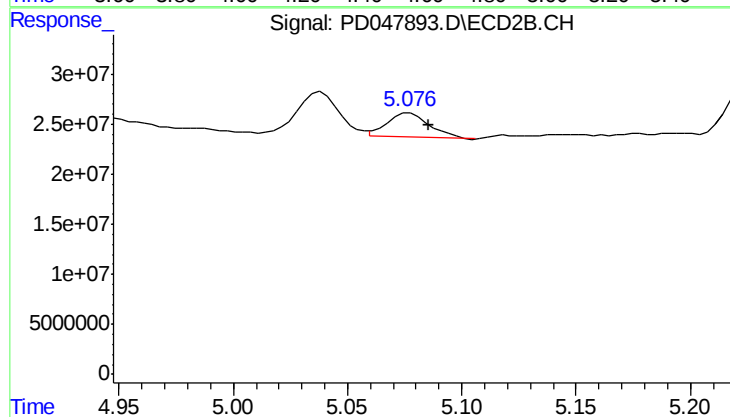
#6 beta-BHC

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



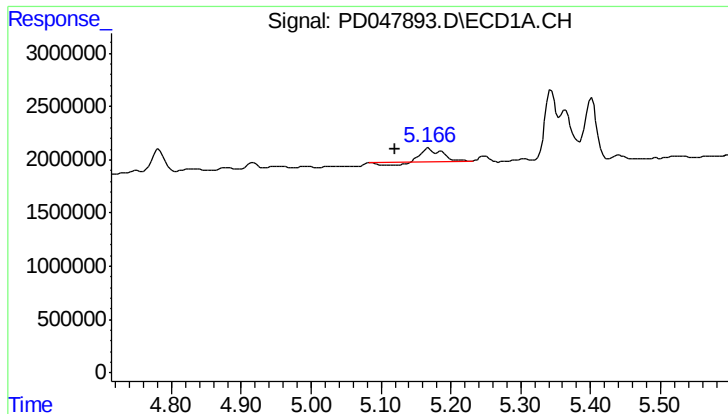
#7 delta-BHC

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



#7 delta-BHC

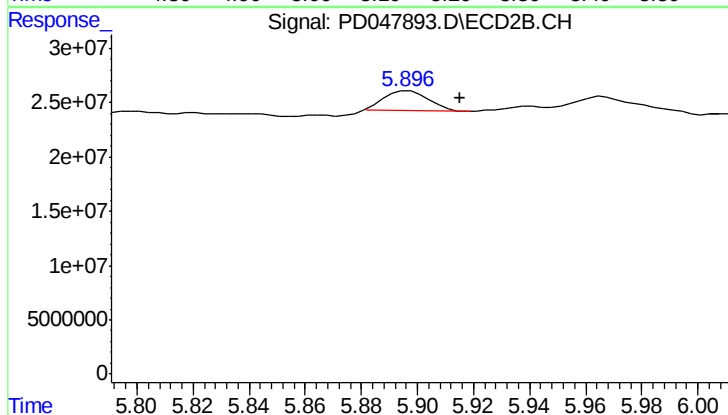
R.T.: 5.077 min
Delta R.T.: -0.009 min
Response: 31277928
Conc: 1.20 ng/ml



#8 Heptachlor epoxide

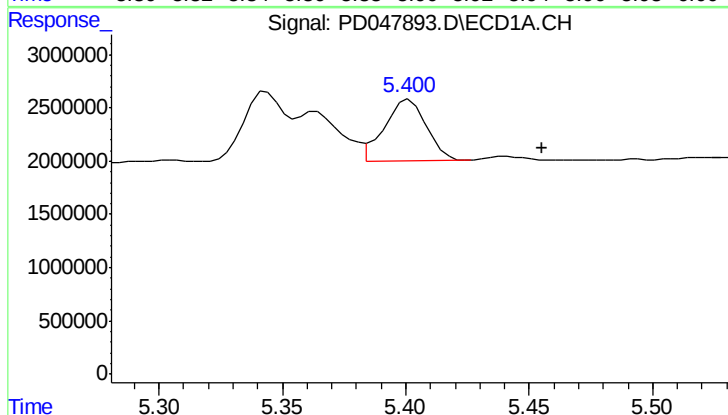
R.T.: 5.168 min
Delta R.T.: 0.048 min
Response: 2362490
Conc: 1.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 03



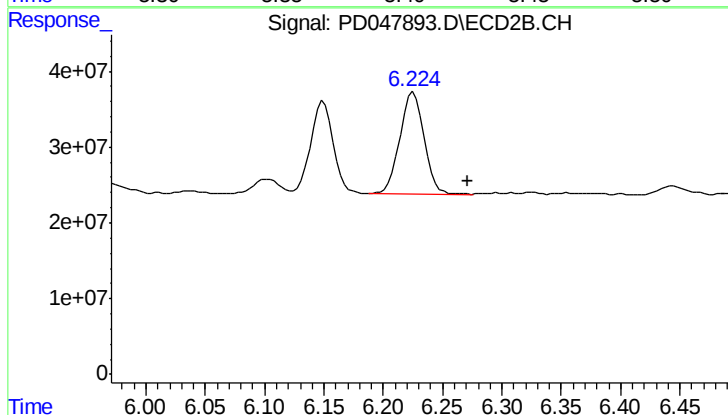
#8 Heptachlor epoxide

R.T.: 5.897 min
Delta R.T.: -0.018 min
Response: 20326245
Conc: 0.91 ng/ml



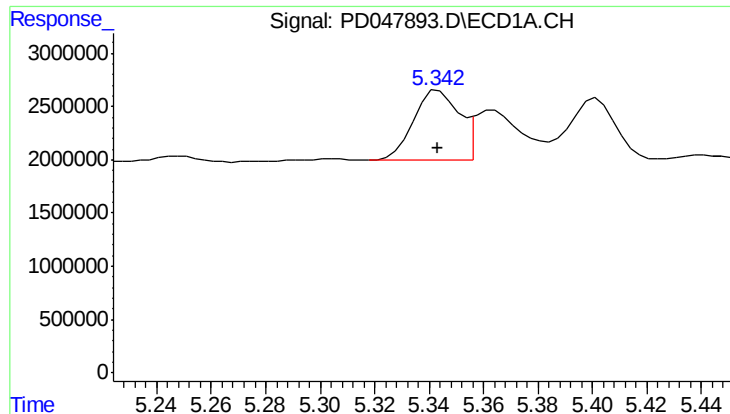
#9 Endosulfan I

R.T.: 5.402 min
Delta R.T.: -0.054 min
Response: 6828228
Conc: 4.84 ng/ml



#9 Endosulfan I

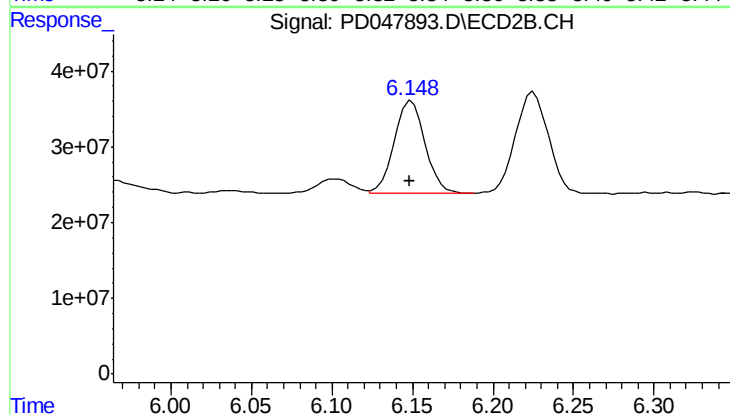
R.T.: 6.225 min
Delta R.T.: -0.046 min
Response: 193828243
Conc: 9.58 ng/ml



#10 gamma-Chlordane

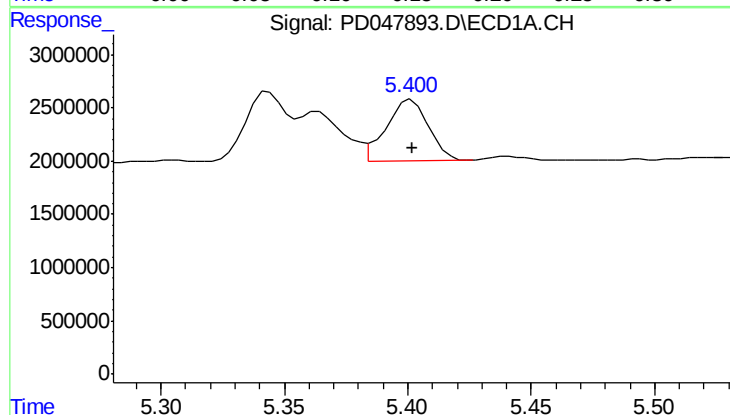
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 7579827
Conc: 4.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 03



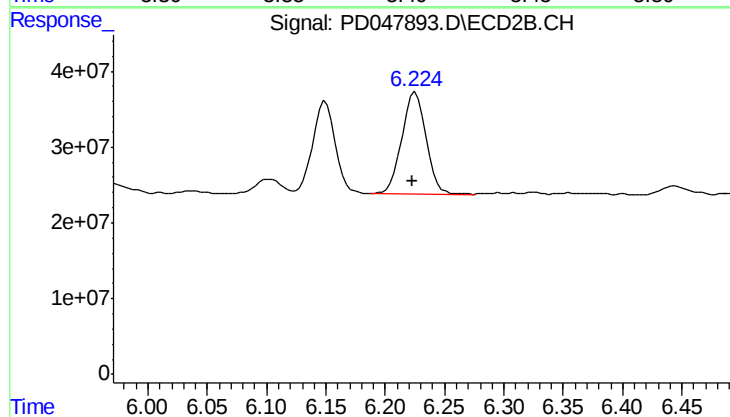
#10 gamma-Chlordane

R.T.: 6.149 min
Delta R.T.: 0.001 min
Response: 163738400
Conc: 7.15 ng/ml



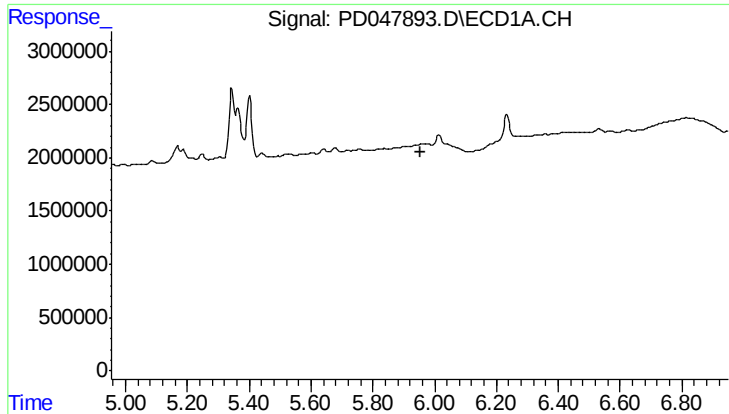
#11 alpha-Chlordane

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 6828228
Conc: 4.56 ng/ml



#11 alpha-Chlordane

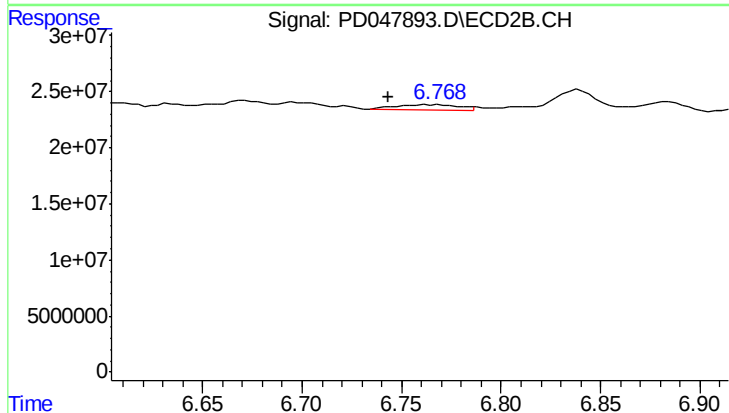
R.T.: 6.225 min
Delta R.T.: 0.002 min
Response: 193828243
Conc: 8.81 ng/ml



#14 Endrin

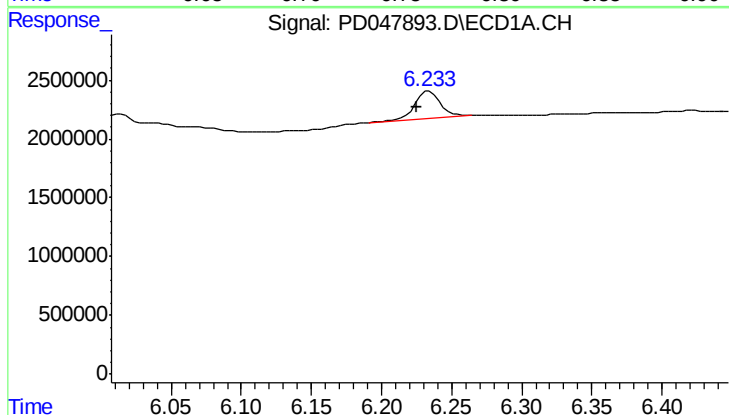
R.T.: 0.000 min
Exp R.T.: 5.953 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 03



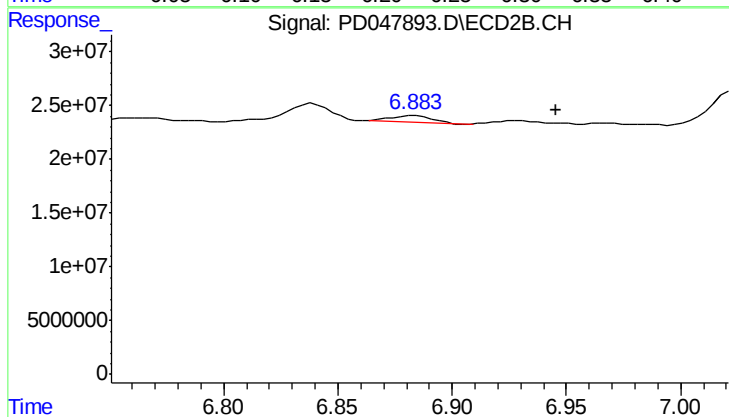
#14 Endrin

R.T.: 6.769 min
Delta R.T.: 0.026 min
Response: 11491466
Conc: 0.62 ng/ml



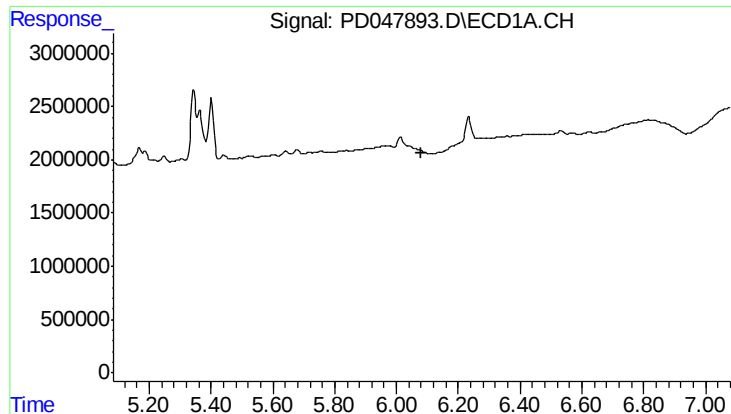
#15 Endosulfan II

R.T.: 6.234 min
Delta R.T.: 0.009 min
Response: 3082865
Conc: 2.17 ng/ml



#15 Endosulfan II

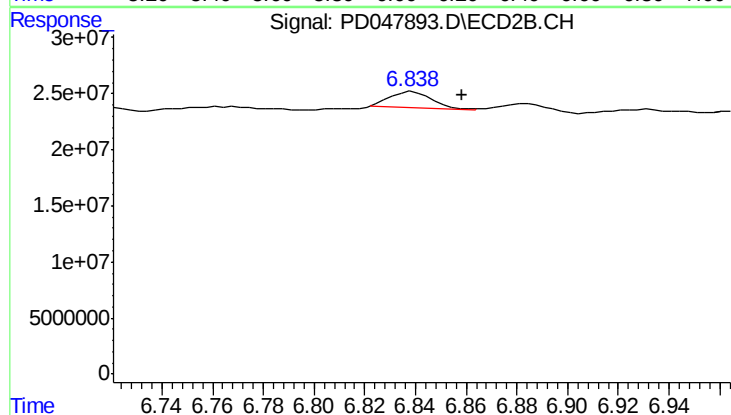
R.T.: 6.884 min
Delta R.T.: -0.061 min
Response: 7390274
Conc: 0.39 ng/ml



#16 4,4'-DDD

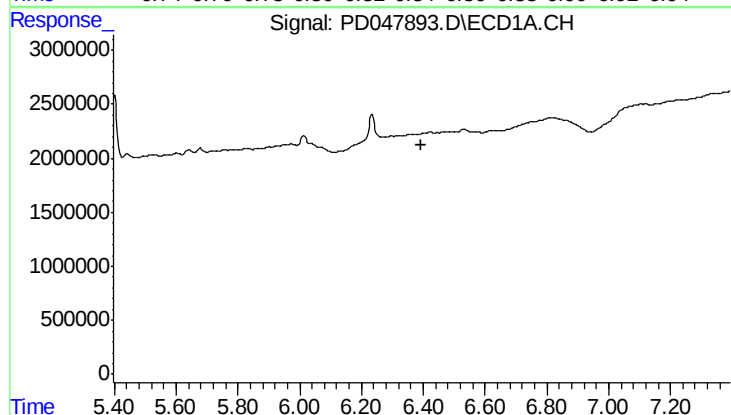
R.T.: 0.000 min
Exp R.T.: 6.082 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 03



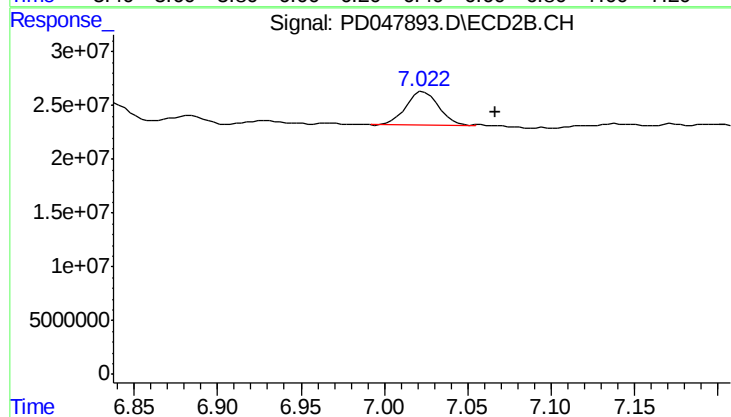
#16 4,4'-DDD

R.T.: 6.839 min
Delta R.T.: -0.019 min
Response: 17072873
Conc: 0.97 ng/ml



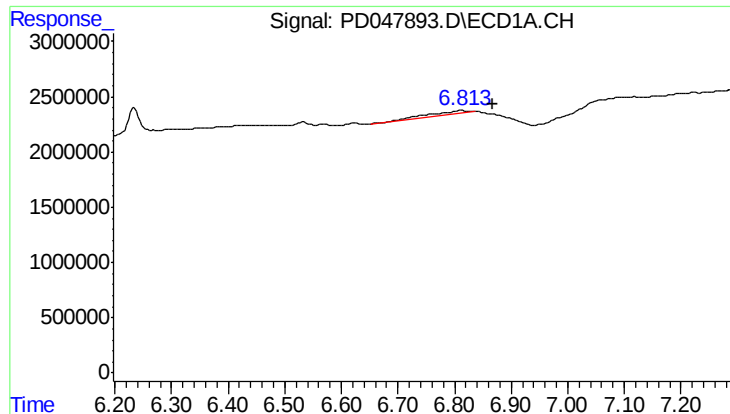
#18 Endrin aldehyde

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



#18 Endrin aldehyde

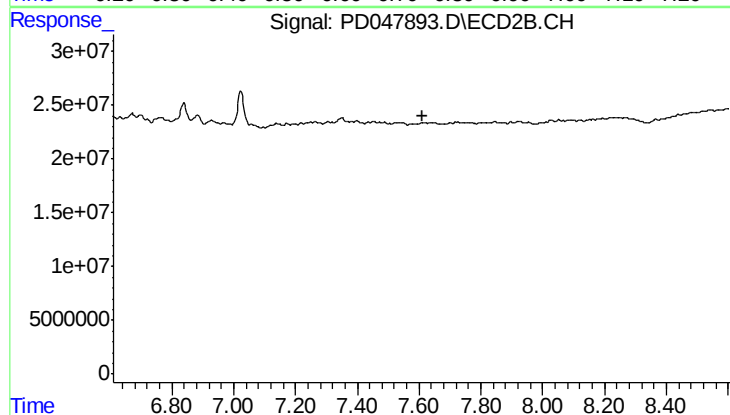
R.T.: 7.024 min
Delta R.T.: -0.043 min
Response: 42028379
Conc: 2.59 ng/ml



#20 Methoxychlor

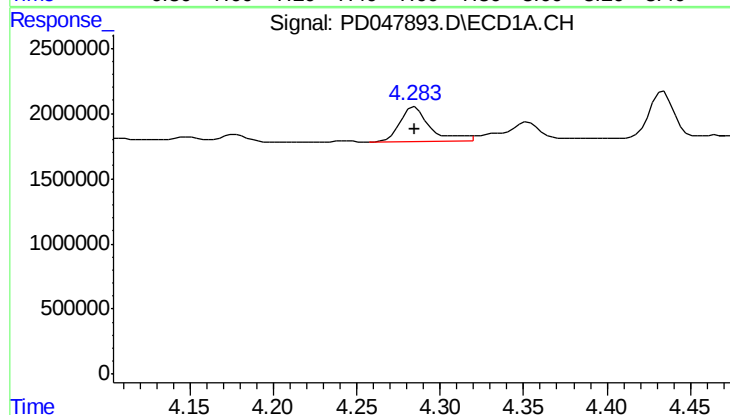
R.T.: 6.813 min
Delta R.T.: -0.056 min
Response: 1677833
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 03



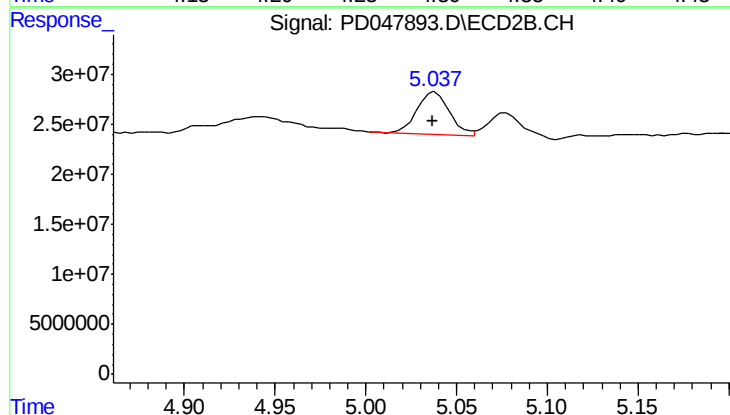
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 7.610 min
Response: 0
Conc: N.D.



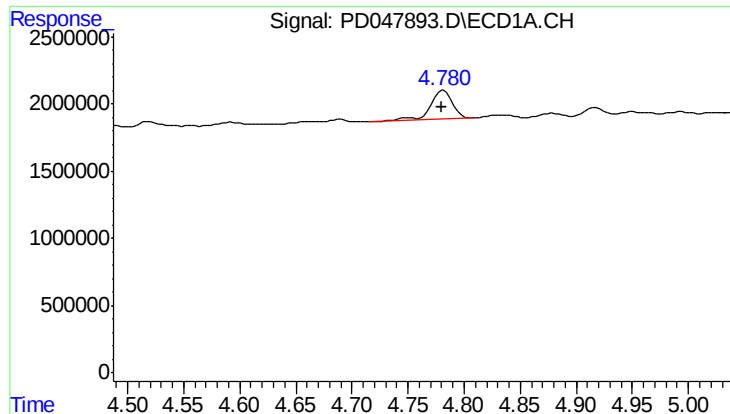
#23 Chlordane-1

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 3298329
Conc: 57.10 ng/ml



#23 Chlordane-1

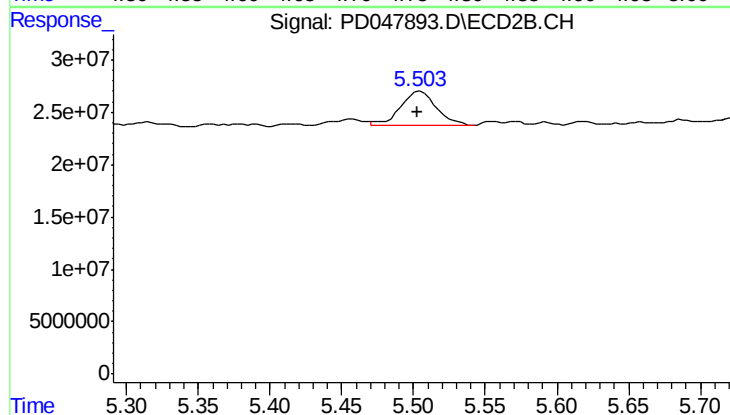
R.T.: 5.038 min
Delta R.T.: 0.001 min
Response: 52541808
Conc: 51.61 ng/ml



#24 Chlordane-2

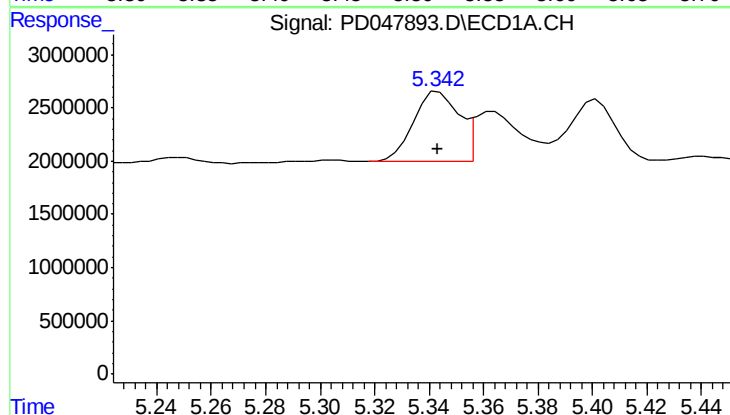
R.T.: 4.782 min
Delta R.T.: 0.002 min
Response: 2851814
Conc: 48.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 03



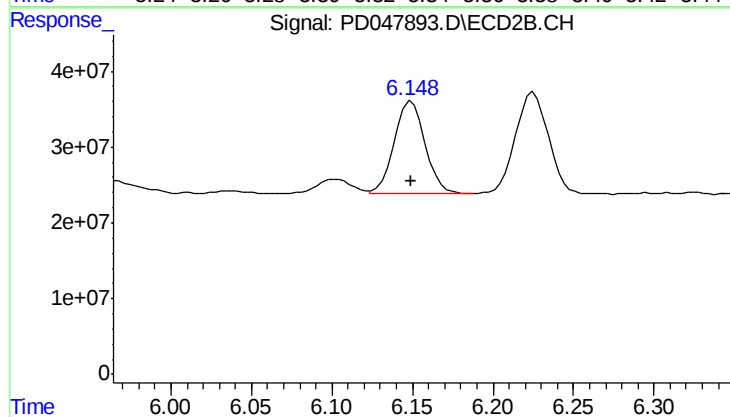
#24 Chlordane-2

R.T.: 5.505 min
Delta R.T.: 0.002 min
Response: 57027276
Conc: 60.40 ng/ml



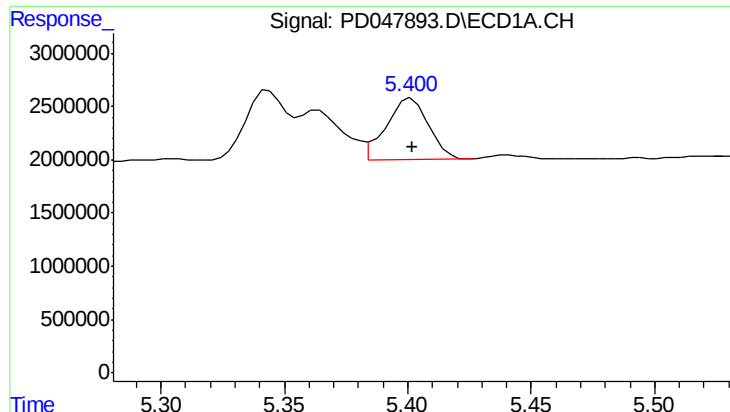
#25 Chlordane-3

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 7579827
Conc: 42.19 ng/ml



#25 Chlordane-3

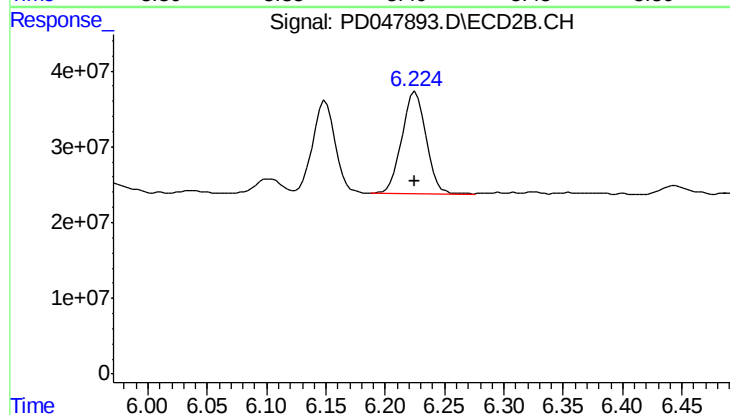
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 163738400
Conc: 51.16 ng/ml



#26 Chlordane-4

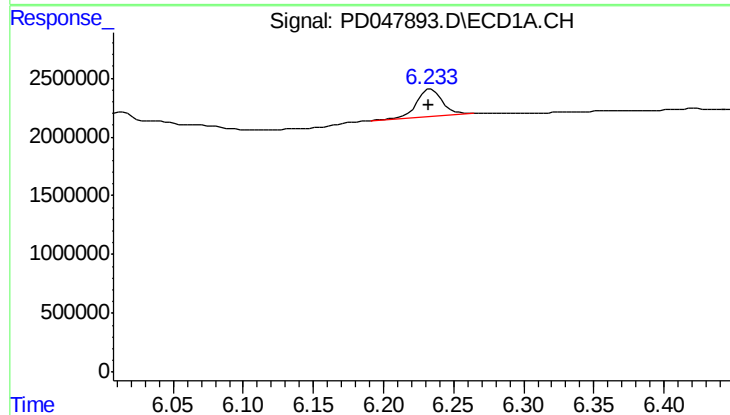
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 6828228
Conc: 42.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 03



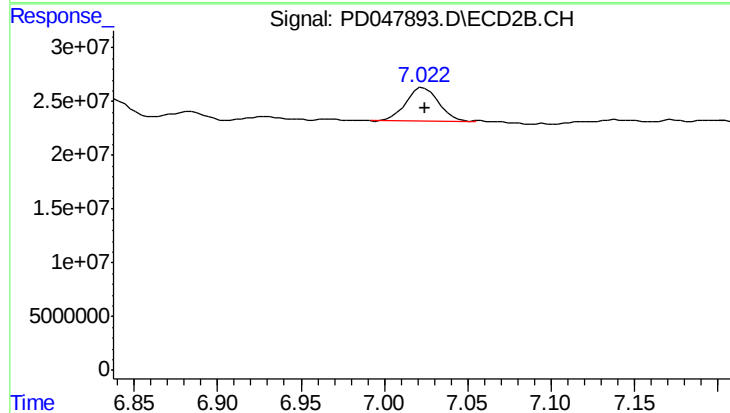
#26 Chlordane-4

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 193828243
Conc: 52.66 ng/ml



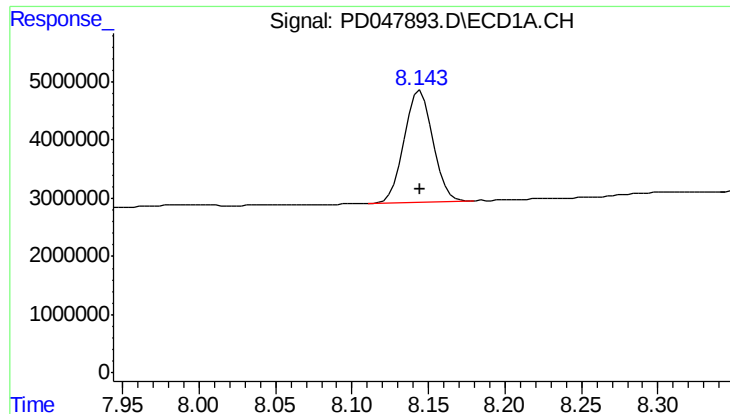
#27 Chlordane-5

R.T.: 6.234 min
Delta R.T.: 0.002 min
Response: 3082865
Conc: 51.96 ng/ml



#27 Chlordane-5

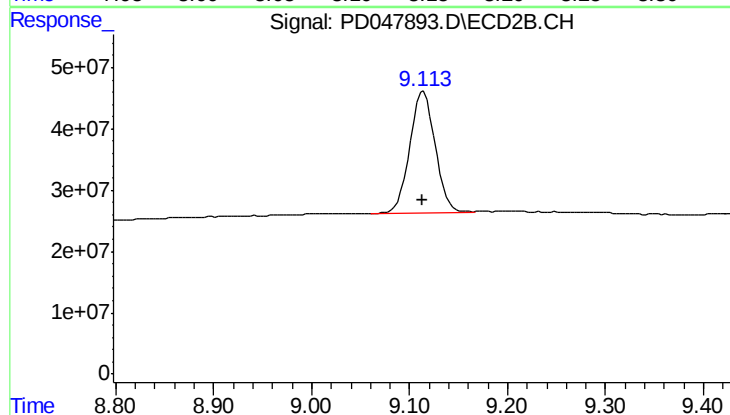
R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 42028379
Conc: 50.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 25016582
Conc: 17.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 03



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 353061681
Conc: 20.72 ng/ml