

Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047894.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 May 2018 00:44
 Operator : UA/AJ
 Sample : LOQ CHLOR WATER 04
 Misc : Precision Bias Study 04 (50 PPB)
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ CHLOR WATER 04

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:04:44 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...	3.424	4.039	20537149	337.2E6	17.885	18.753
28)	SA Decachlor...	8.145	9.114	24745451	352.8E6	17.518	20.704
Target Compounds							
2)	A alpha-BHC	0.000	4.433	0	13765205	N.D.	0.481 #
4)	MA Heptachlor	4.434	5.227	3422157	75132004	2.039	2.988 #
5)	MB Aldrin	0.000	5.505	0	50785328	N.D.	2.123 #
6)	B beta-BHC	4.353f	0.000	2223786	0	3.097	N.D. #
7)	B delta-BHC	0.000	5.077	0	29876923	N.D.	1.151 #
8)	B Heptachlo...	5.168f	5.897	-1096078	22690143	N.D.	1.021
9)	A Endosulfan I	5.402f	6.226f	6755534	193.8E6	4.784	9.578 #
10)	B gamma-Chl...	5.344	6.149	13092041	161.3E6	8.539	7.038
11)	B alpha-Chl...	5.402	6.226	6755534	193.8E6	4.509	8.813 #
13)	MA Dieldrin	0.000	6.533	0	9688119	N.D.	0.439 #
14)	MA Endrin	0.000	6.680f	0	5465773	N.D.	0.295 #
15)	B Endosulfa...	6.234	0.000	3015584	0	2.121	N.D. #
16)	A 4,4'-DDD	0.000	6.839	0	17064121	N.D.	0.965 #
18)	B Endrin al...	0.000	7.024f	0	40792055	N.D.	2.509 #
23)	Chlordane-1	4.285	5.038	2339464	52761058	40.502	51.827 #
24)	Chlordane-2	4.782	5.505	2787590	50785328	47.344	53.785
25)	Chlordane-3	5.344	6.149	13092041	161.3E6	72.872	50.393 #
26)	Chlordane-4	5.402	6.226	6755534	193.8E6	42.463	52.660
27)	Chlordane-5	6.234	7.024	3015584	40792055	50.824	48.883

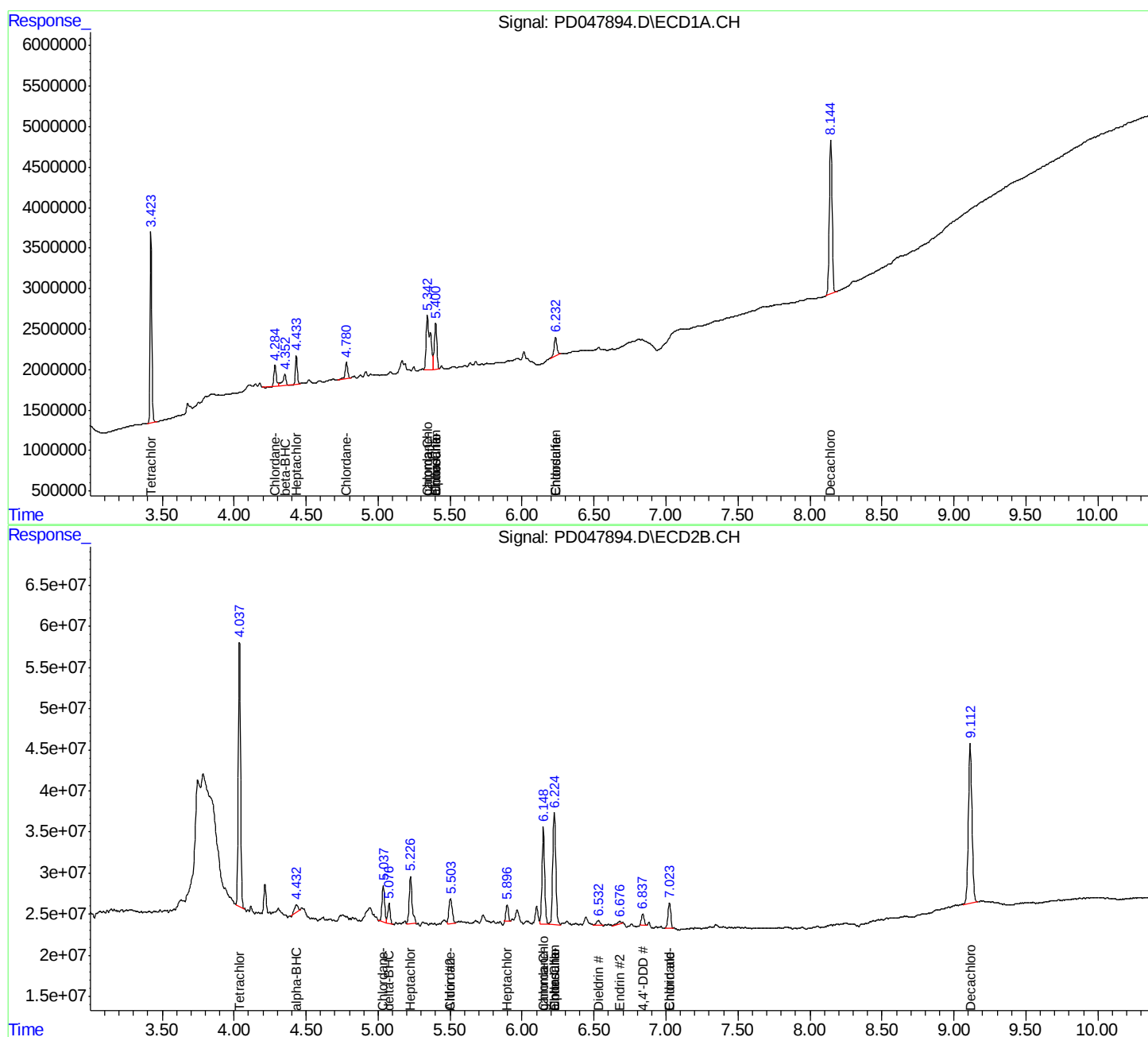
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

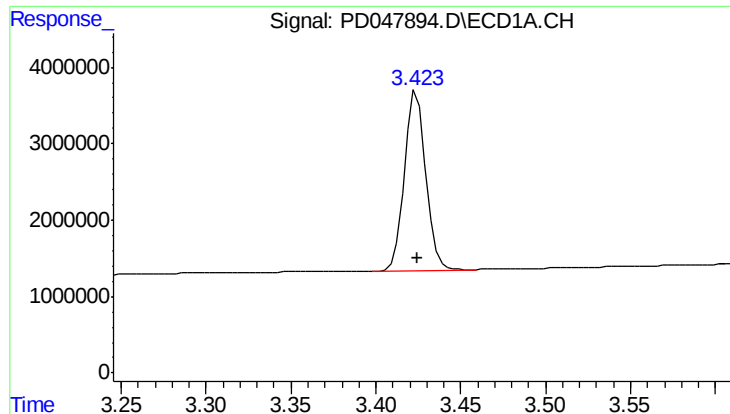
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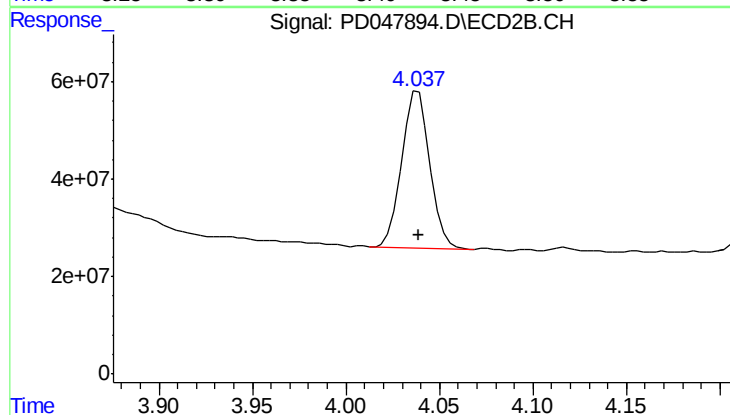




#1 Tetrachloro-m-xylene

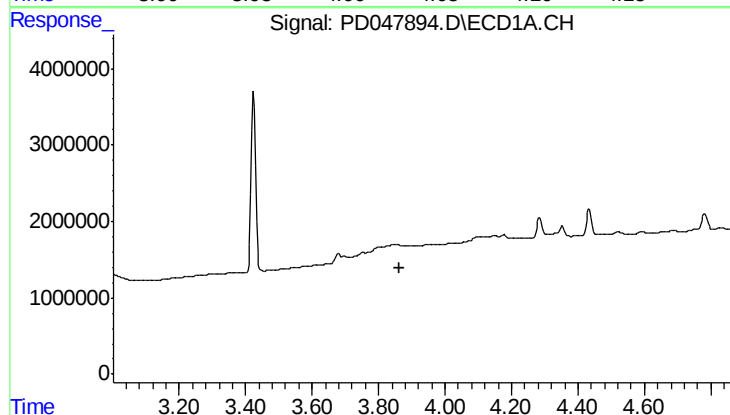
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 20537149
Conc: 17.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 04



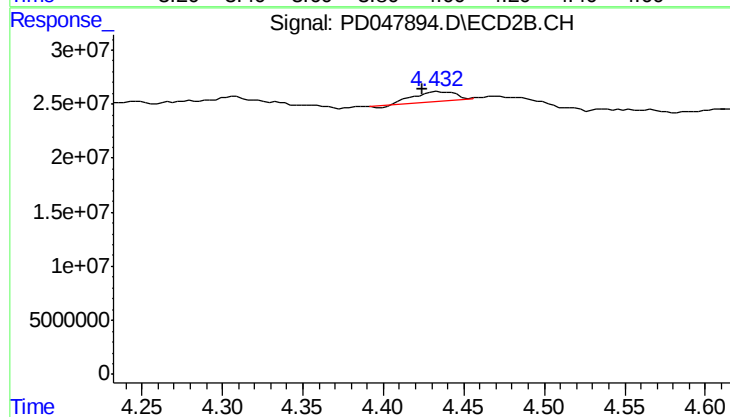
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 337197778
Conc: 18.75 ng/ml



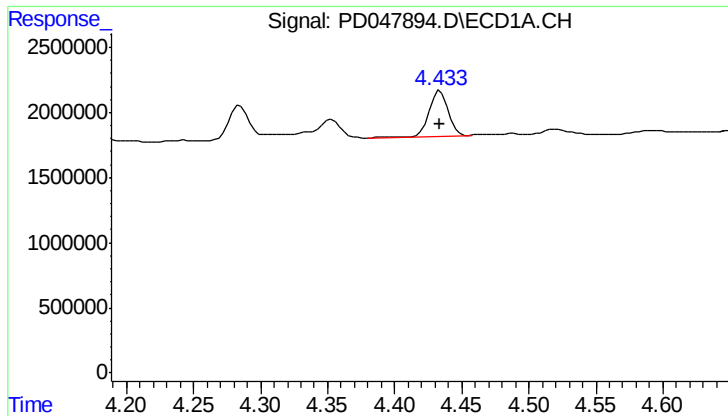
#2 alpha-BHC

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



#2 alpha-BHC

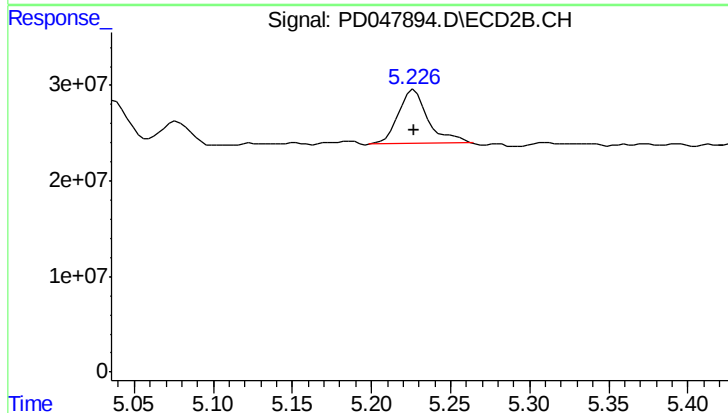
R.T.: 4.433 min
Delta R.T.: 0.009 min
Response: 13765205
Conc: 0.48 ng/ml



#4 Heptachlor

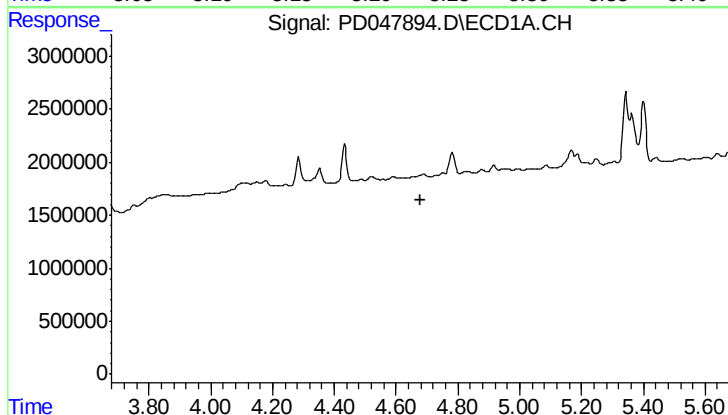
R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 3422157
Conc: 2.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 04



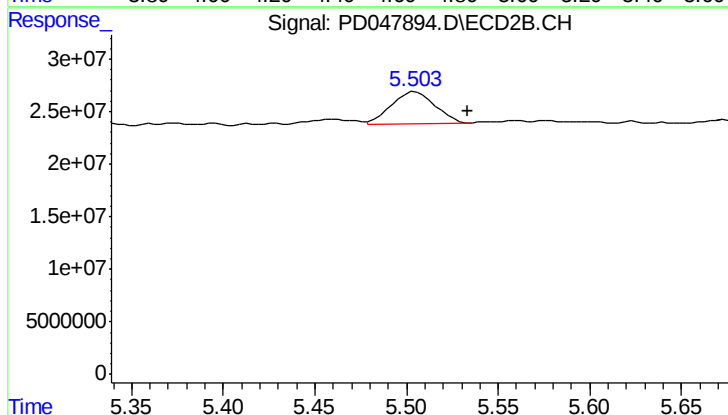
#4 Heptachlor

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 75132004
Conc: 2.99 ng/ml



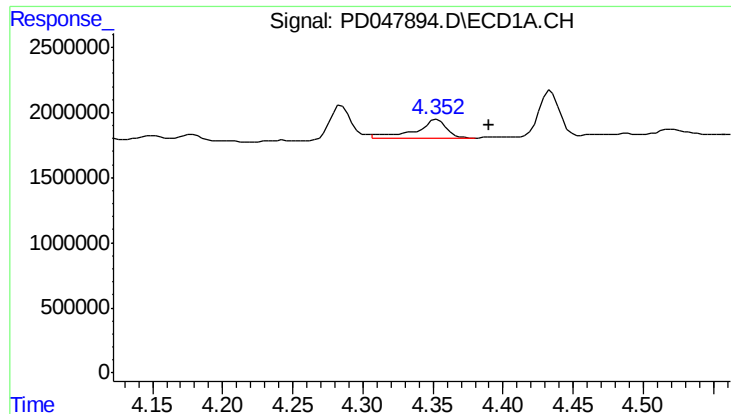
#5 Aldrin

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



#5 Aldrin

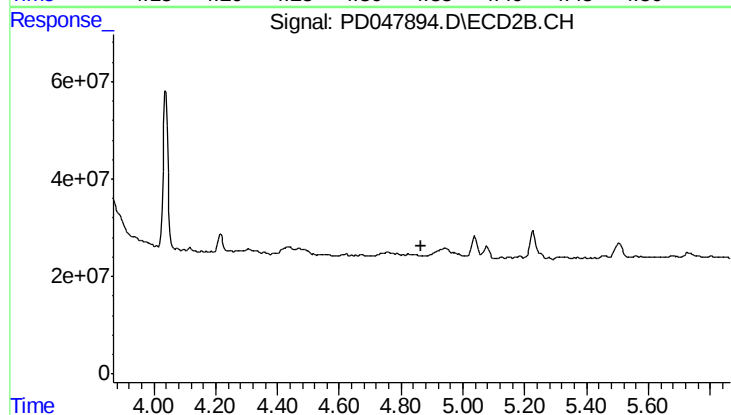
R.T.: 5.505 min
Delta R.T.: -0.028 min
Response: 50785328
Conc: 2.12 ng/ml



#6 beta-BHC

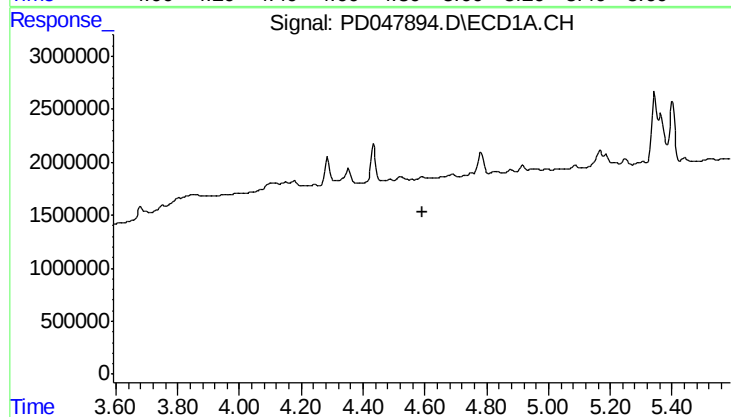
R.T.: 4.353 min
Delta R.T.: -0.037 min
Response: 2223786
Conc: 3.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 04



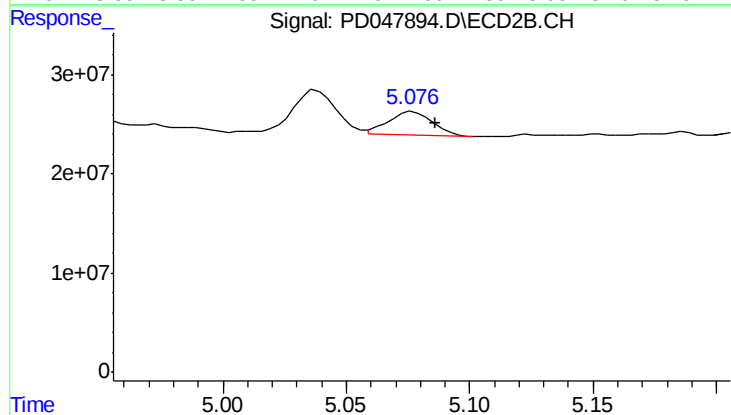
#6 beta-BHC

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



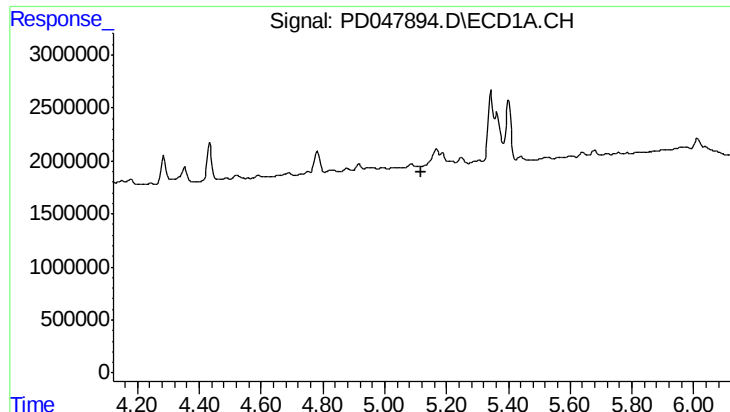
#7 delta-BHC

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



#7 delta-BHC

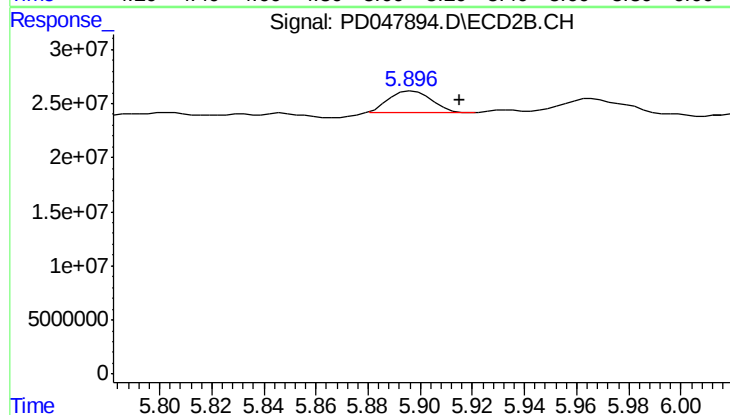
R.T.: 5.077 min
Delta R.T.: -0.009 min
Response: 29876923
Conc: 1.15 ng/ml



#8 Heptachlor epoxide

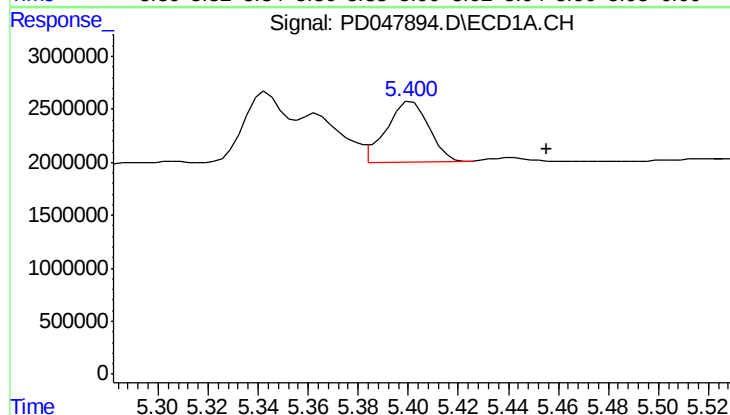
R.T.: 5.168 min
Delta R.T.: 0.048 min
Response: -1096078
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 04



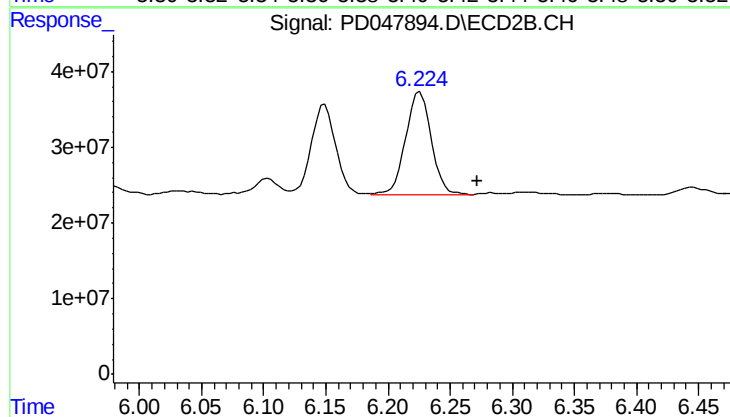
#8 Heptachlor epoxide

R.T.: 5.897 min
Delta R.T.: -0.018 min
Response: 22690143
Conc: 1.02 ng/ml



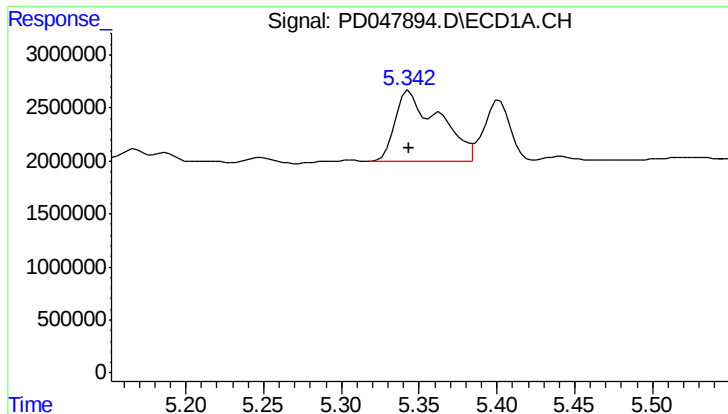
#9 Endosulfan I

R.T.: 5.402 min
Delta R.T.: -0.054 min
Response: 6755534
Conc: 4.78 ng/ml



#9 Endosulfan I

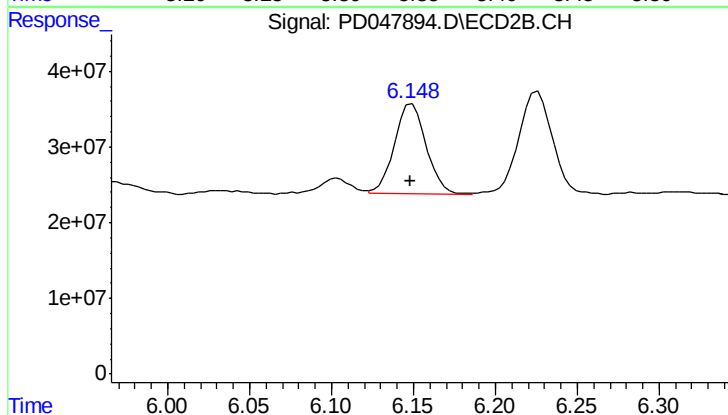
R.T.: 6.226 min
Delta R.T.: -0.046 min
Response: 193823833
Conc: 9.58 ng/ml



#10 gamma-Chlordane

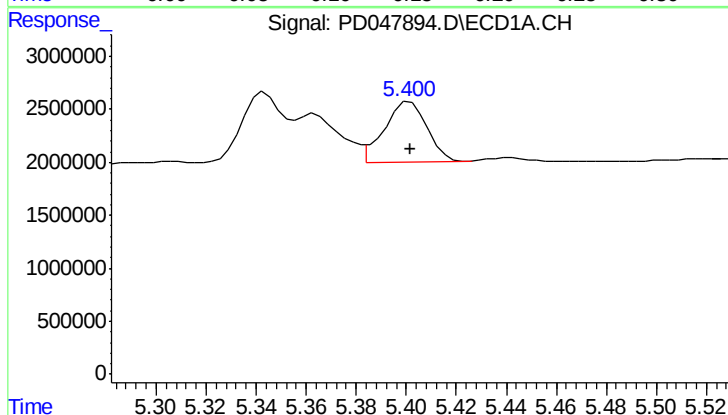
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 13092041
Conc: 8.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 04



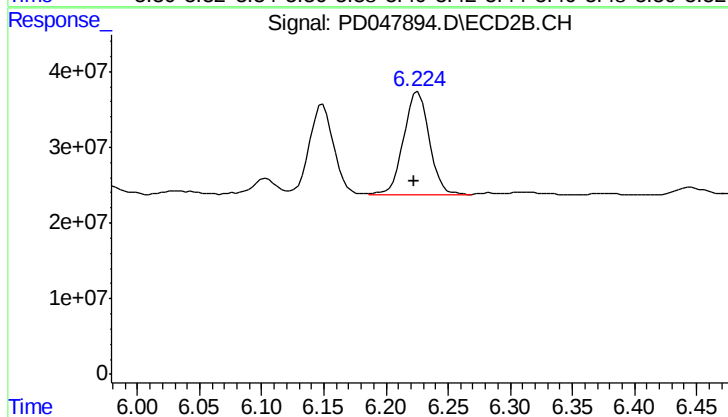
#10 gamma-Chlordane

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 161277307
Conc: 7.04 ng/ml



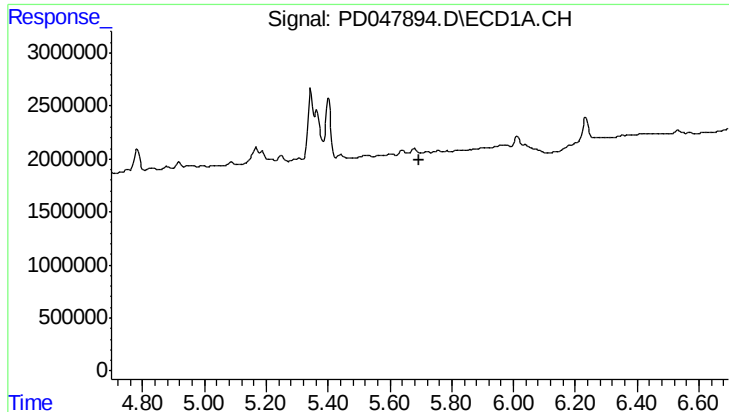
#11 alpha-Chlordane

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 6755534
Conc: 4.51 ng/ml



#11 alpha-Chlordane

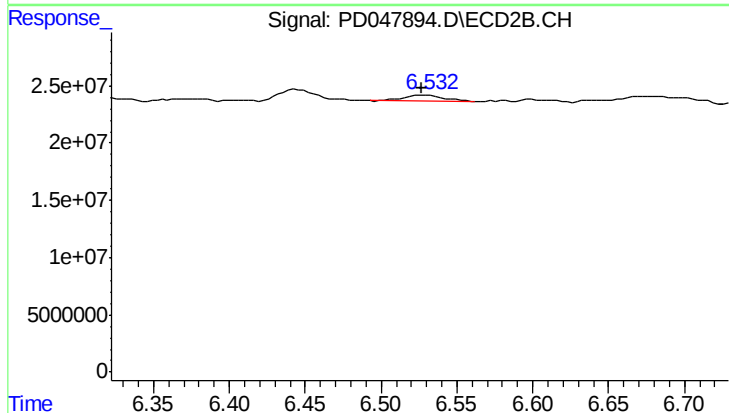
R.T.: 6.226 min
Delta R.T.: 0.003 min
Response: 193823833
Conc: 8.81 ng/ml



#13 Dieldrin

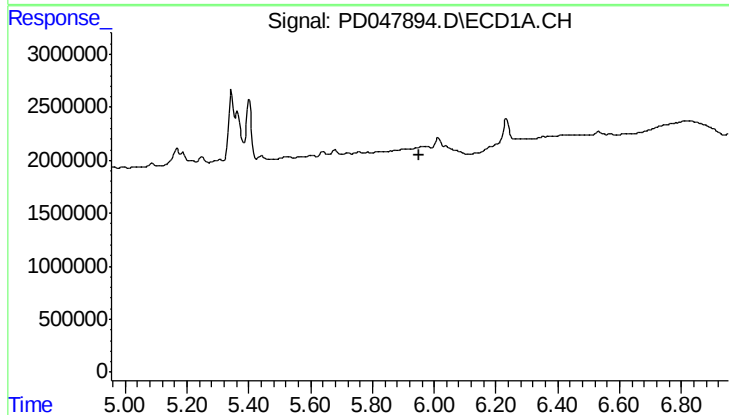
R.T.: 0.000 min
Exp R.T.: 5.697 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 04



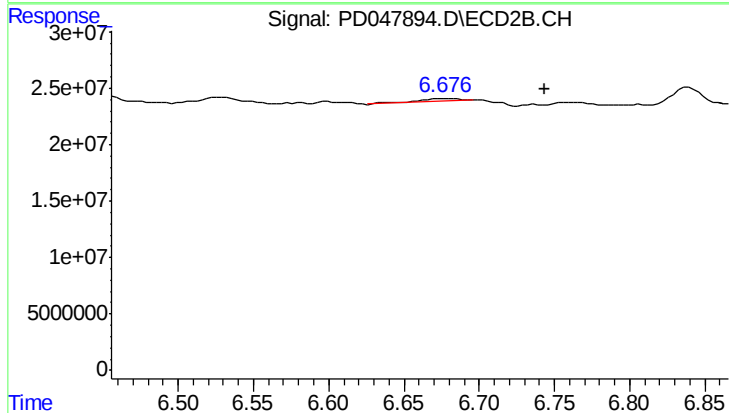
#13 Dieldrin

R.T.: 6.533 min
Delta R.T.: 0.007 min
Response: 9688119
Conc: 0.44 ng/ml



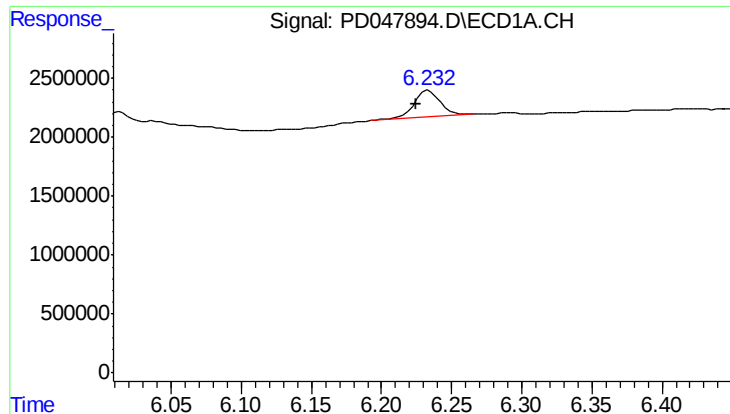
#14 Endrin

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



#14 Endrin

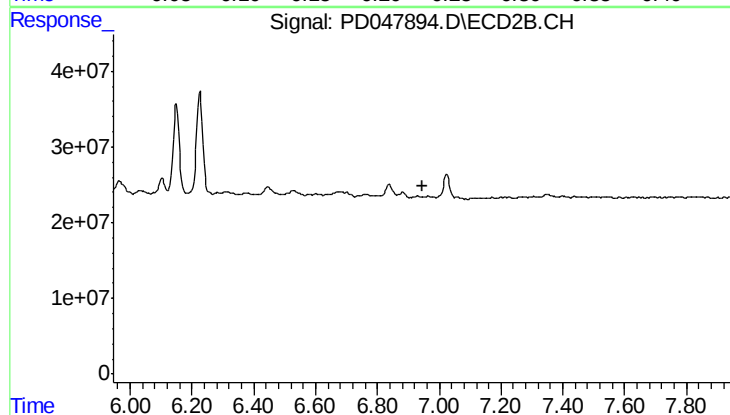
R.T.: 6.680 min
Delta R.T.: -0.063 min
Response: 5465773
Conc: 0.29 ng/ml



#15 Endosulfan II

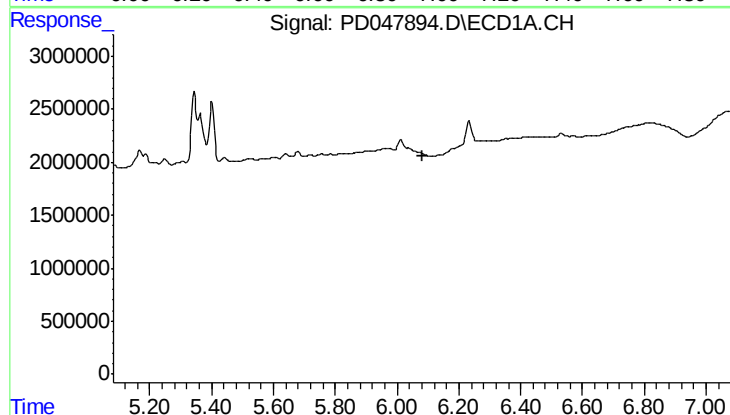
R.T.: 6.234 min
Delta R.T.: 0.009 min
Response: 3015584
Conc: 2.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 04



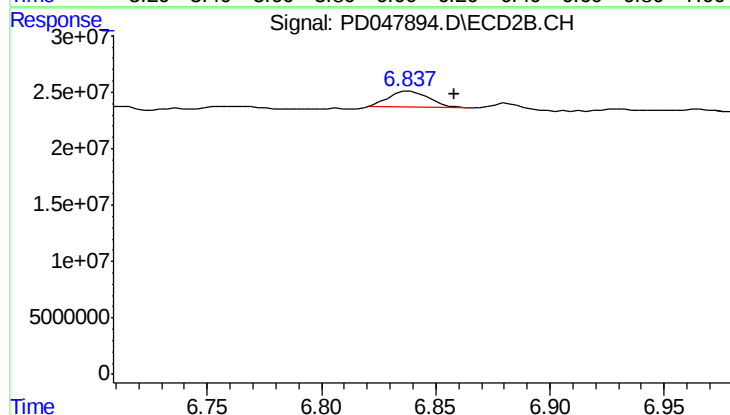
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.945 min
Response: 0
Conc: N.D.



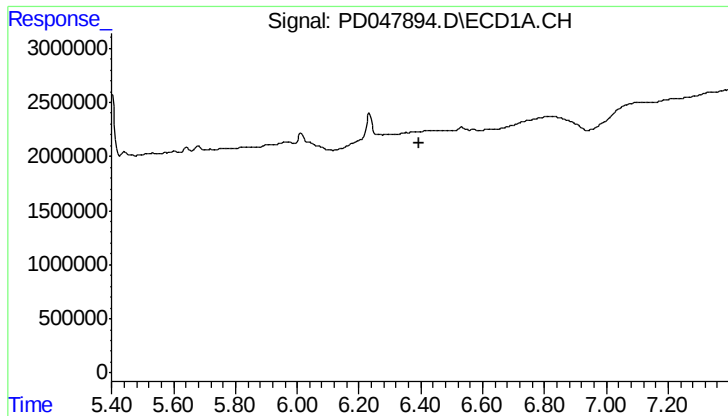
#16 4,4'-DDD

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



#16 4,4'-DDD

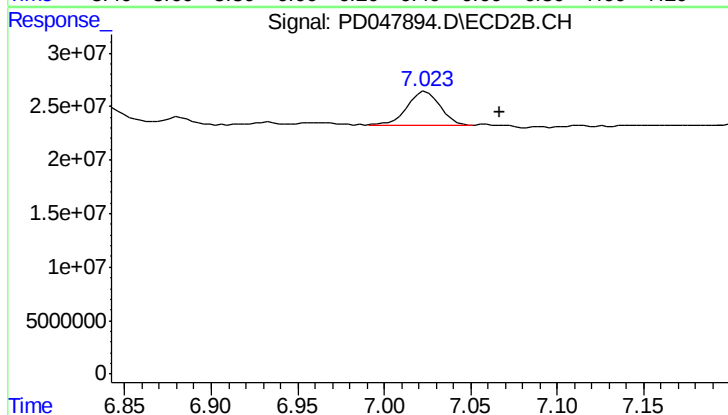
R.T.: 6.839 min
Delta R.T.: -0.020 min
Response: 17064121
Conc: 0.96 ng/ml



#18 Endrin aldehyde

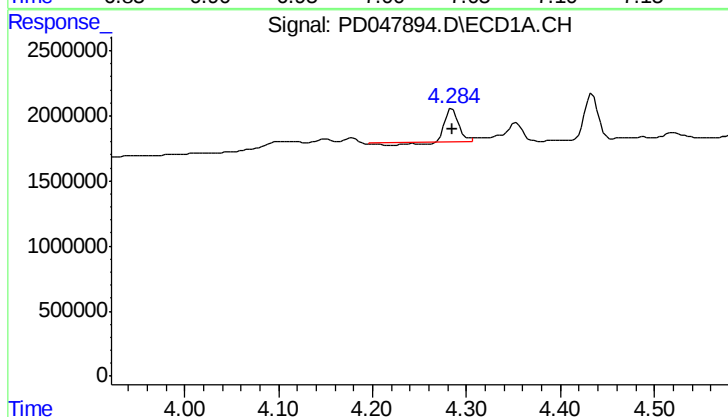
R.T.: 0.000 min
Exp R.T.: 6.396 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 04



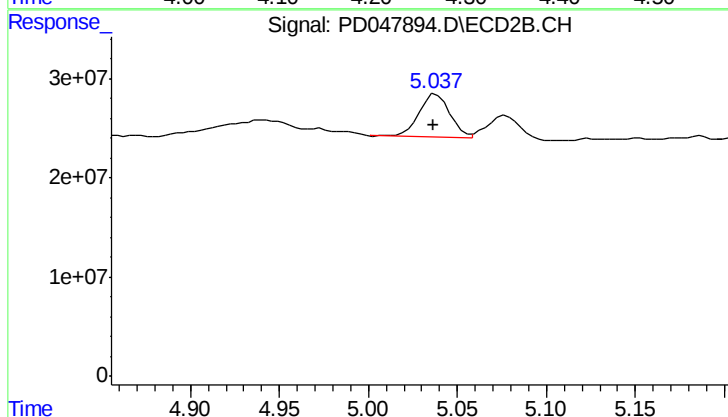
#18 Endrin aldehyde

R.T.: 7.024 min
Delta R.T.: -0.042 min
Response: 40792055
Conc: 2.51 ng/ml



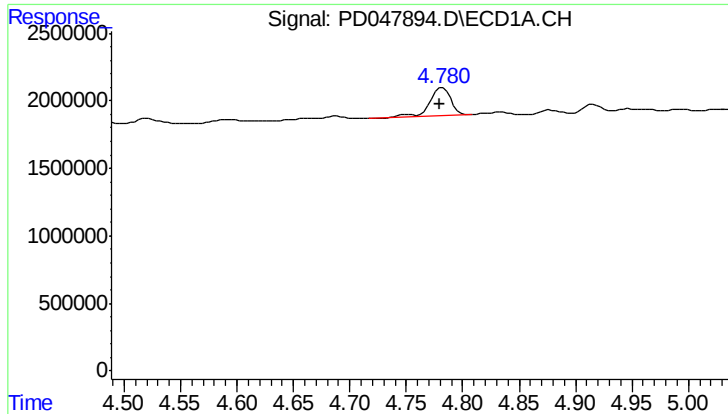
#23 Chlordane-1

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 2339464
Conc: 40.50 ng/ml



#23 Chlordane-1

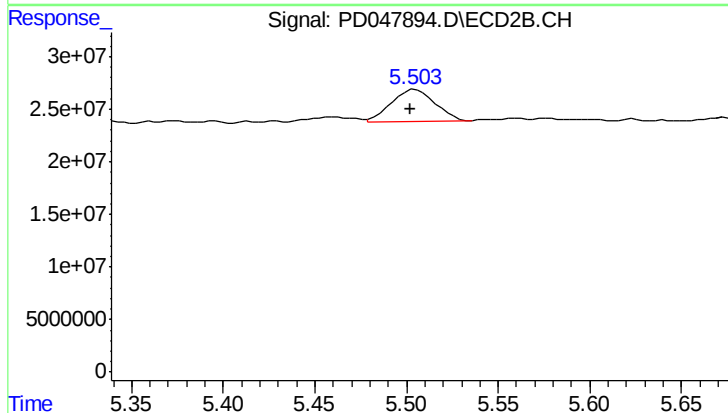
R.T.: 5.038 min
Delta R.T.: 0.001 min
Response: 52761058
Conc: 51.83 ng/ml



#24 Chlordane-2

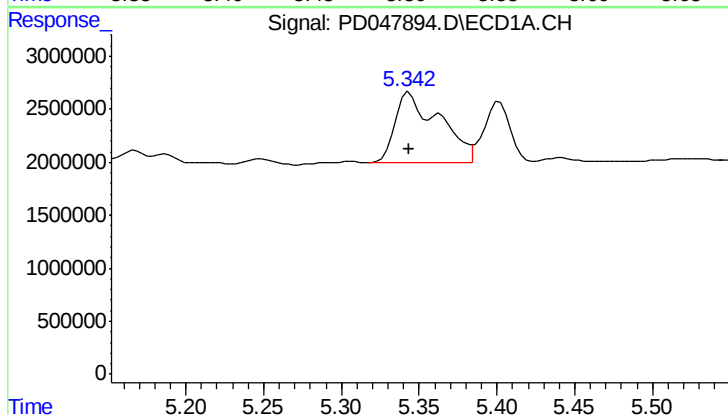
R.T.: 4.782 min
Delta R.T.: 0.002 min
Response: 2787590
Conc: 47.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 04



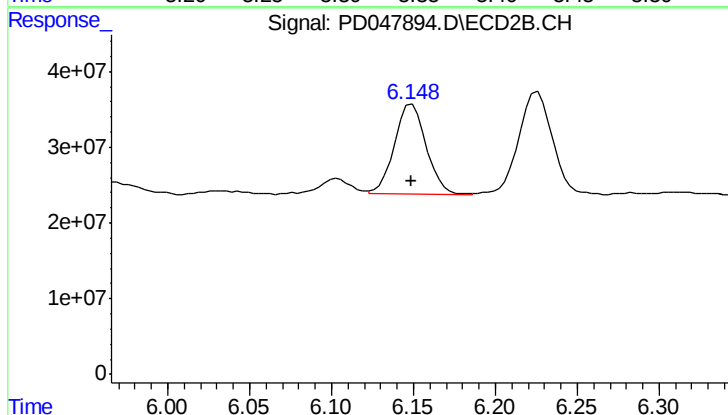
#24 Chlordane-2

R.T.: 5.505 min
Delta R.T.: 0.003 min
Response: 50785328
Conc: 53.78 ng/ml



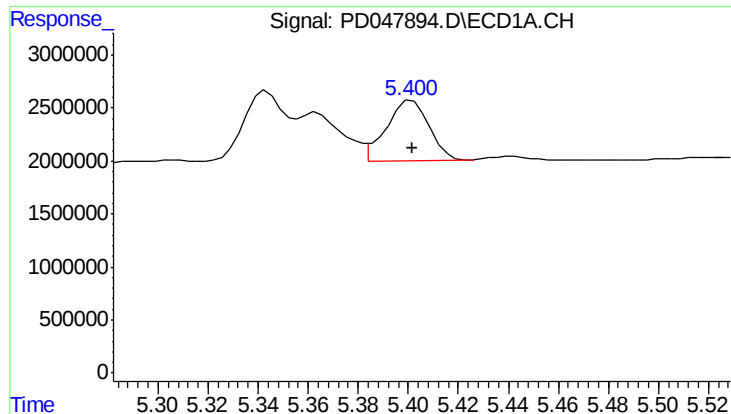
#25 Chlordane-3

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 13092041
Conc: 72.87 ng/ml



#25 Chlordane-3

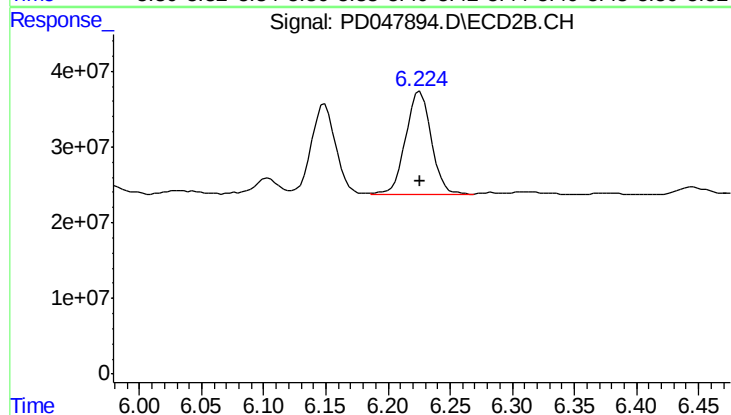
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 161277307
Conc: 50.39 ng/ml



#26 Chlordane-4

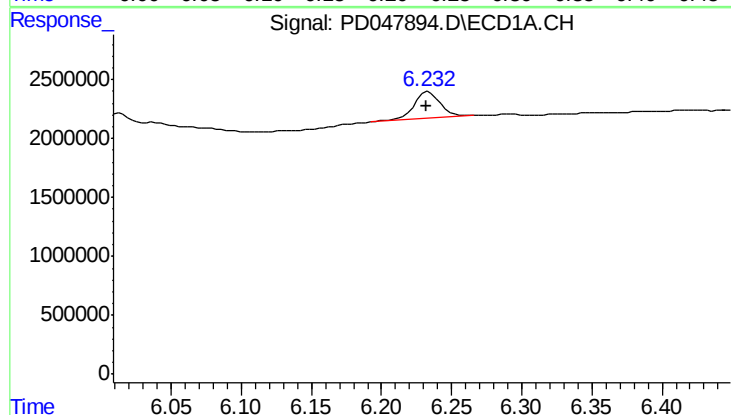
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 6755534
Conc: 42.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 04



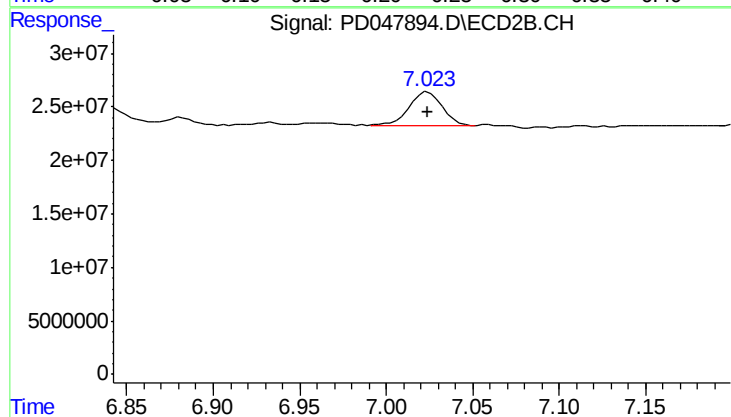
#26 Chlordane-4

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 193823833
Conc: 52.66 ng/ml



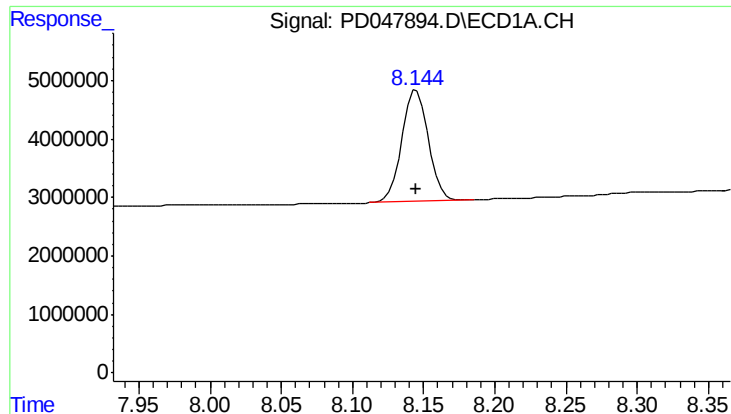
#27 Chlordane-5

R.T.: 6.234 min
Delta R.T.: 0.002 min
Response: 3015584
Conc: 50.82 ng/ml



#27 Chlordane-5

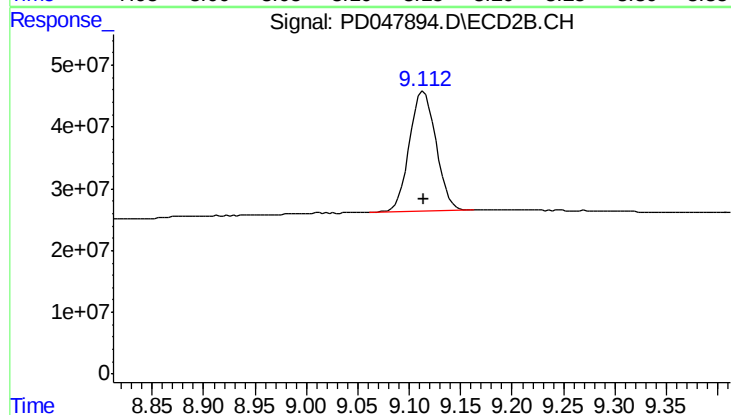
R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 40792055
Conc: 48.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 24745451
Conc: 17.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR WATER 04



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 352755447
Conc: 20.70 ng/ml