

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
 Data File : PD052619.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Apr 2019 16:56
 Operator : AJ\SJ
 Sample : K1560-08
 Misc : PEST LOQ 10 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 06:57:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 2019
 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...	3.221	4.043	29042518	629.9E6	20.813	21.733
28)	SA Decachlor...	7.818	9.161	30762881	393.2E6	23.082	25.286
Target Compounds							
2)	A alpha-BHC	3.641	4.436	21093615	500.0E6	9.279	11.108
3)	MA gamma-BHC...	3.909	4.723	25325073	456.4E6	11.582	11.346
4)	MA Heptachlor	4.186	5.236	22393117	465.4E6	10.547	11.731
5)	MB Aldrin	4.418	5.543	21284313	433.3E6	10.571	11.702
6)	B beta-BHC	4.155	4.893	9822410	216.5E6	11.129	11.967
7)	B delta-BHC	4.343	5.113	18733130	318.9E6	9.185	9.691
8)	B Heptachlo...	4.845	5.931	20375267	380.6E6	10.721	11.790
9)	A Endosulfan I	5.166	6.290	19000208	355.4E6	10.632	12.166
10)	B gamma-Chl...	5.062	6.166	20737346	392.0E6	10.635	12.251
11)	B alpha-Chl...	5.118	6.240	20841933	380.2E6	10.799	12.113
12)	B 4,4'-DDE	5.287	6.396	18470942	363.3E6	9.905	11.901
13)	MA Dieldrin	5.402	6.549	20042554	365.8E6	10.366	12.229
14)	MA Endrin	5.649	6.769	19002130	309.3E6	10.320	12.344
15)	B Endosulfa...	5.919	6.978	18105190	308.4E6	10.548	12.379
16)	A 4,4'-DDD	5.789	6.889	15600455	287.5E6	10.207	12.022
17)	MA 4,4'-DDT	6.020	7.190	14426627	214.9E6	10.028	11.532
18)	B Endrin al...	6.086	7.103	15513401	260.1E6	10.821	12.637
19)	B Endosulfa...	6.294	7.327	17649750	285.8E6	11.510	12.992
20)	A Methoxychlor	6.566	7.649	9309562	117.7E6	11.020	11.766
21)	B Endrin ke...	6.768	7.801	19952245	264.3E6	10.970	12.900
22)	Mirex	6.937	8.259	14461171	169.4E6	11.805	13.136
24)	Chlordane-2	0.000	5.543f	0	433.3E6	N.D.	309.383 #
25)	Chlordane-3	5.062	6.166	20737346	392.0E6	93.776	88.825
26)	Chlordane-4	5.118	6.240	20841933	380.2E6	98.268	74.768
27)	Chlordane-5	5.919	0.000	18105190	0	278.400	N.D. #

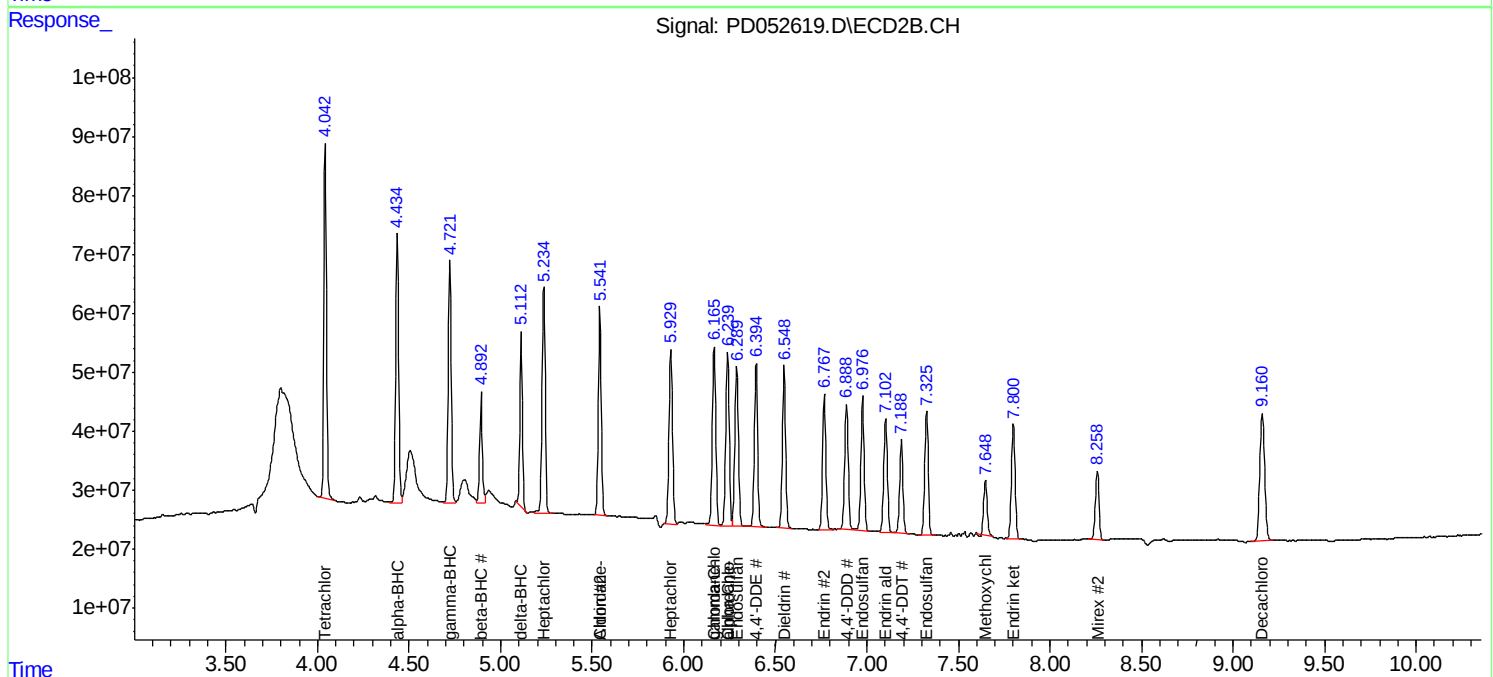
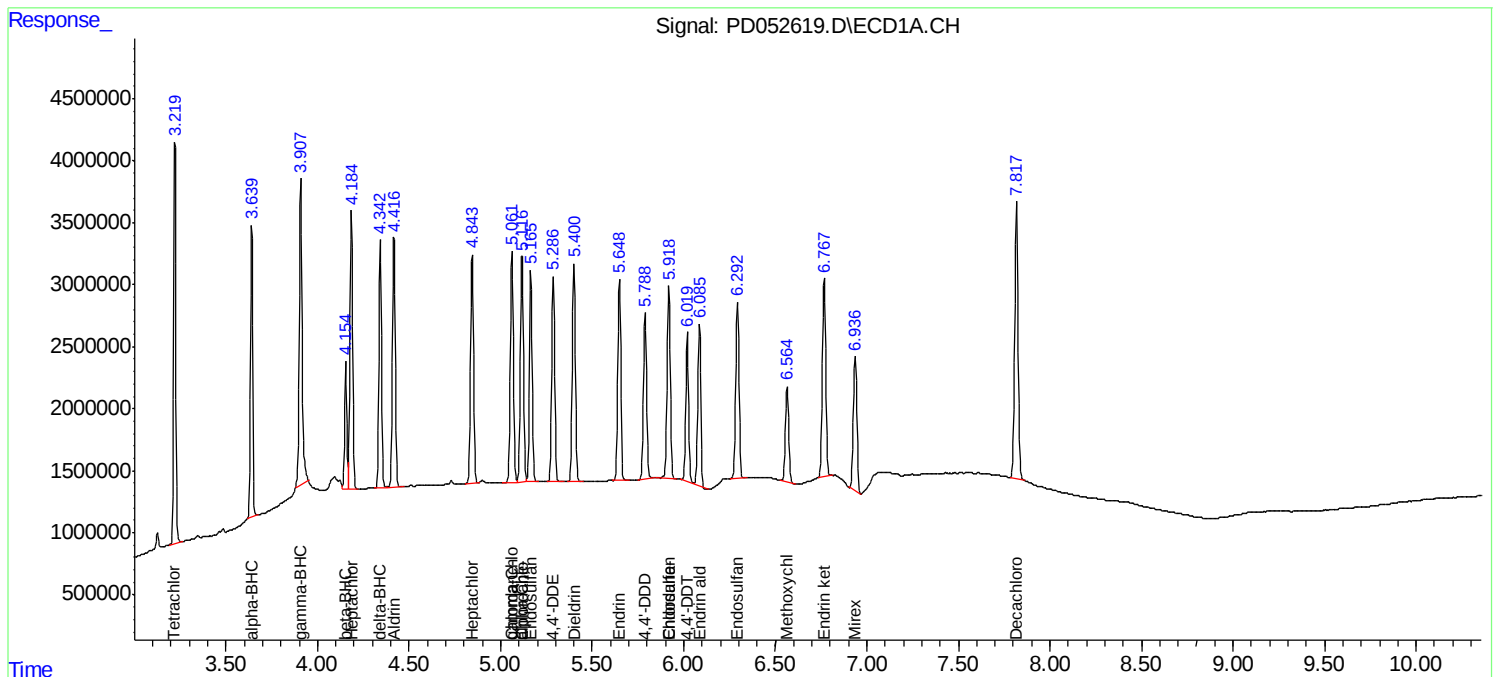
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

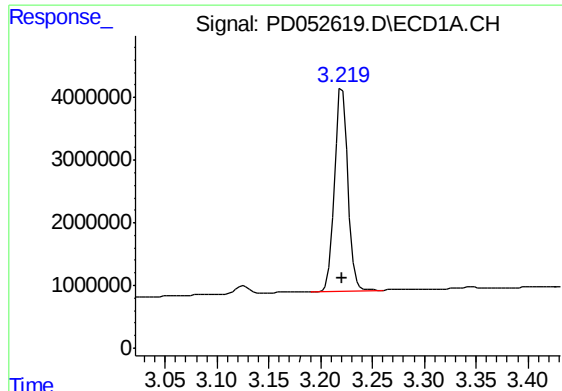
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
Data File : PD052619.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Apr 2019 16:56
Operator : AJ\SJ
Sample : K1560-08
Misc : PEST LOQ 10 PPB
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 06:57:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 2019
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

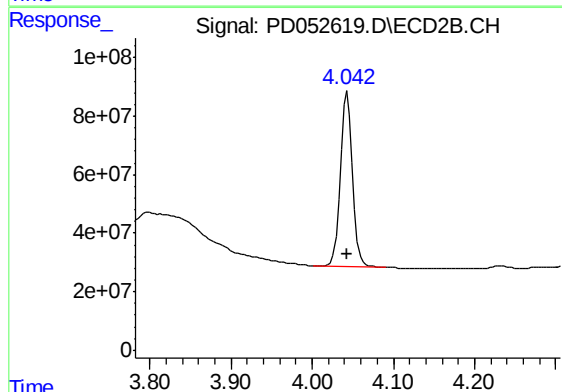




#1 Tetrachloro-m-xylene

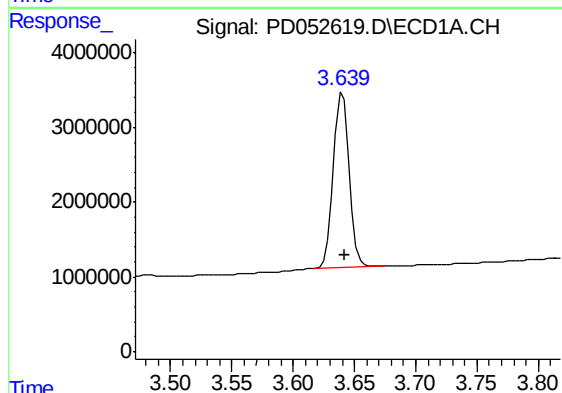
R.T.: 3.221 min
Delta R.T.: 0.000 min
Response: 29042518
Conc: 20.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



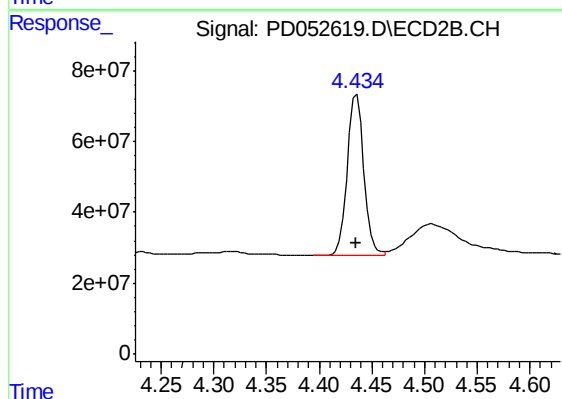
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 629914181
Conc: 21.73 ng/ml



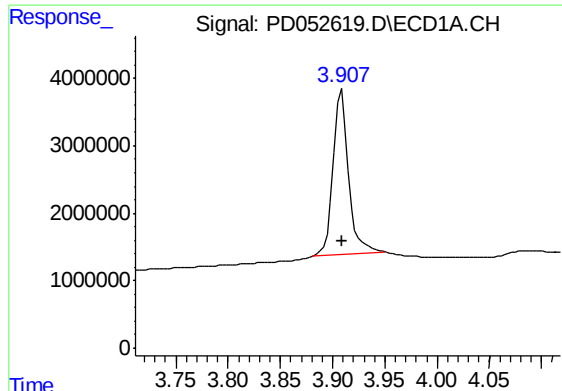
#2 alpha-BHC

R.T.: 3.641 min
Delta R.T.: -0.001 min
Response: 21093615
Conc: 9.28 ng/ml



#2 alpha-BHC

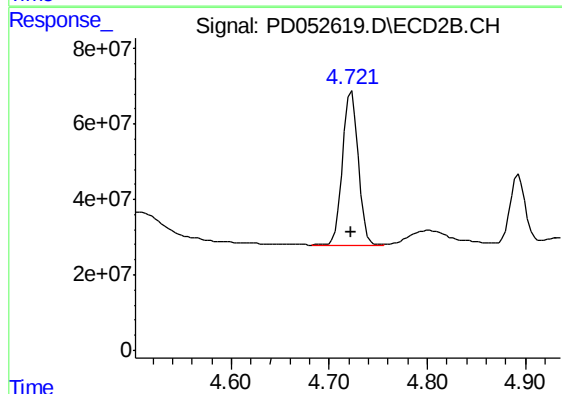
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 499992900
Conc: 11.11 ng/ml



#3 gamma-BHC (Lindane)

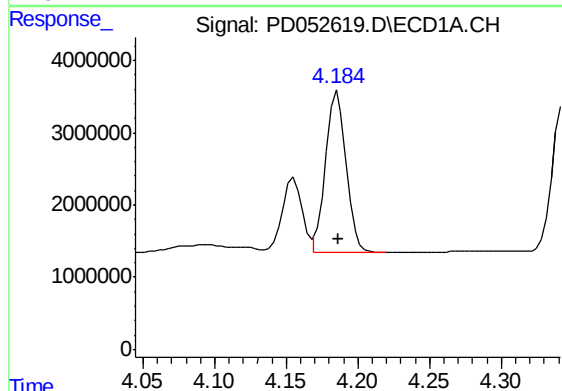
R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 25325073
Conc: 11.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



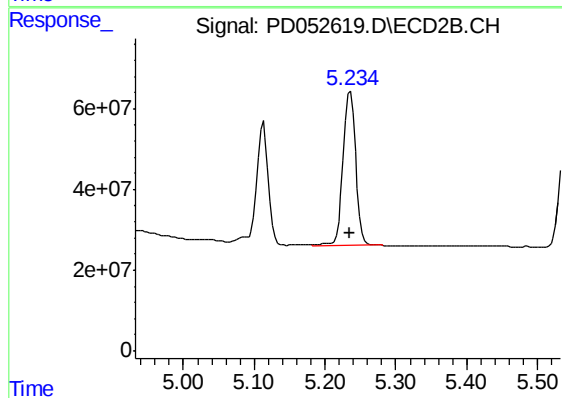
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 456421159
Conc: 11.35 ng/ml



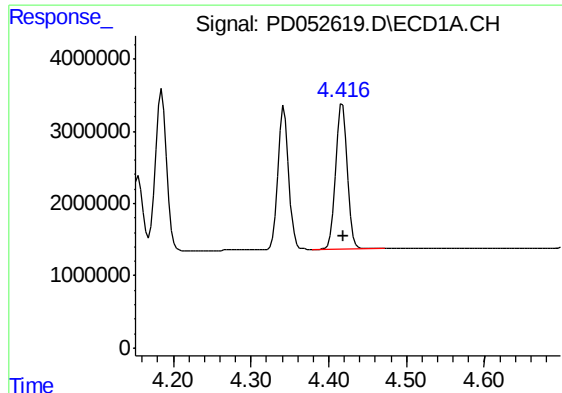
#4 Heptachlor

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 22393117
Conc: 10.55 ng/ml



#4 Heptachlor

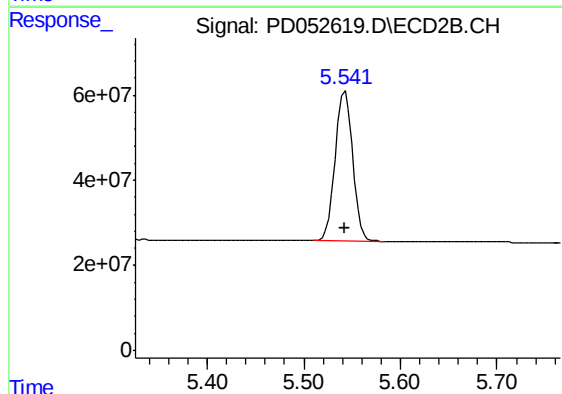
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 465411763
Conc: 11.73 ng/ml



#5 Aldrin

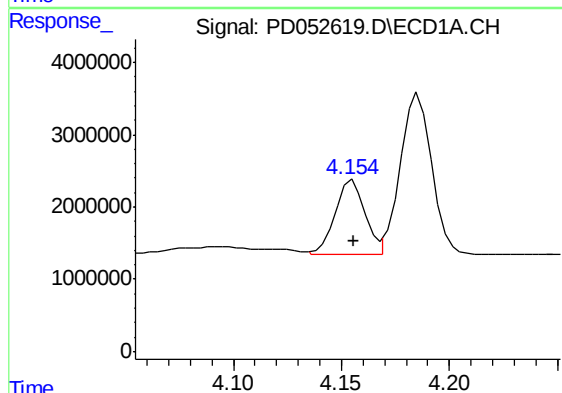
R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 21284313
Conc: 10.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



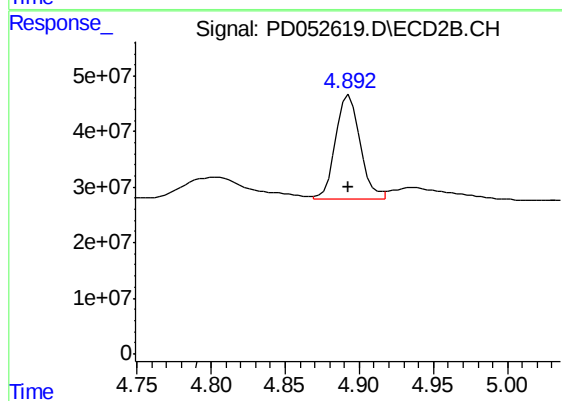
#5 Aldrin

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 433281501
Conc: 11.70 ng/ml



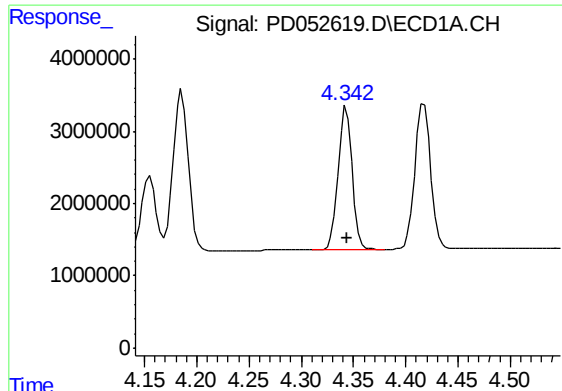
#6 beta-BHC

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 9822410
Conc: 11.13 ng/ml



#6 beta-BHC

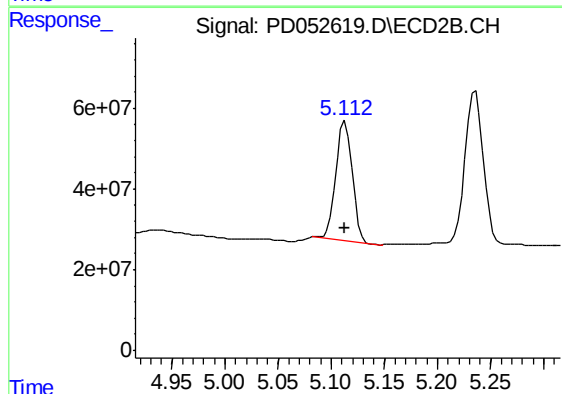
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 216538811
Conc: 11.97 ng/ml



#7 delta-BHC

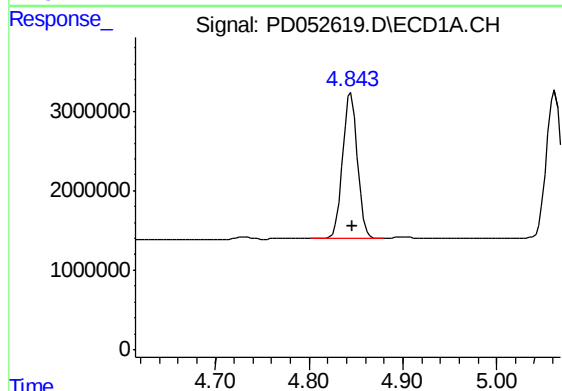
R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 18733130
Conc: 9.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



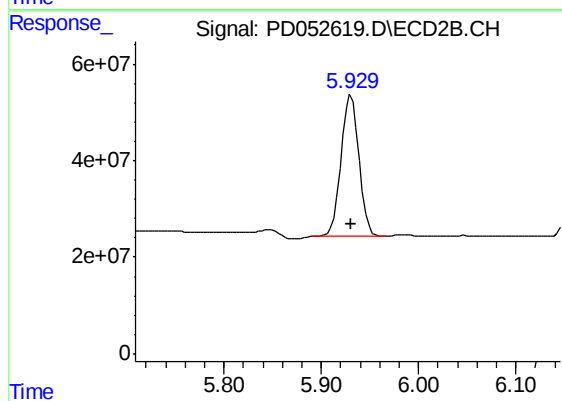
#7 delta-BHC

R.T.: 5.113 min
Delta R.T.: 0.001 min
Response: 318887500
Conc: 9.69 ng/ml



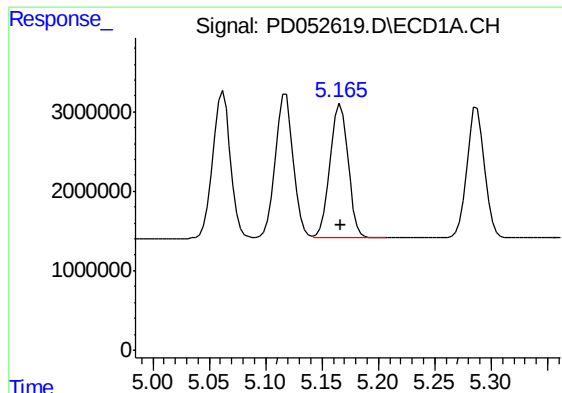
#8 Heptachlor epoxide

R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 20375267
Conc: 10.72 ng/ml



#8 Heptachlor epoxide

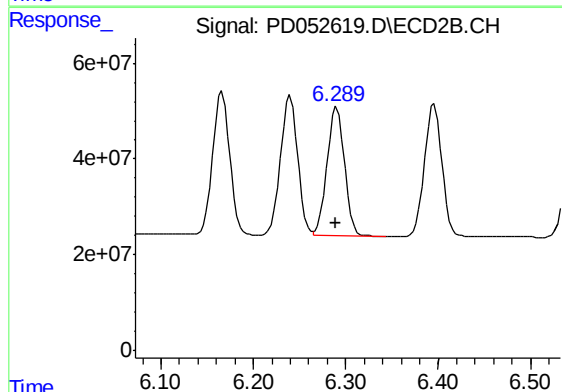
R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 380562560
Conc: 11.79 ng/ml



#9 Endosulfan I

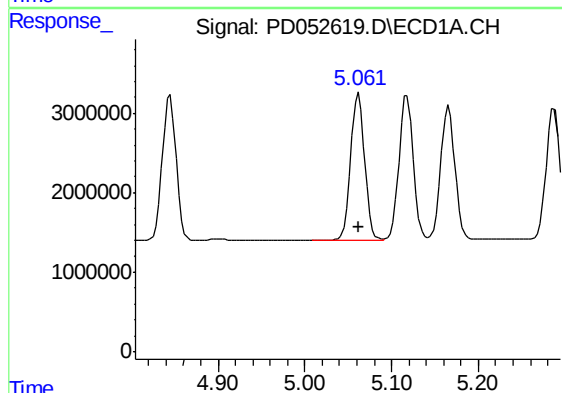
R.T.: 5.166 min
Delta R.T.: -0.001 min
Response: 19000208
Conc: 10.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



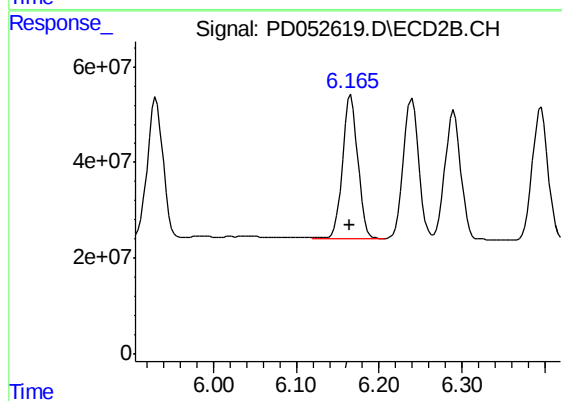
#9 Endosulfan I

R.T.: 6.290 min
Delta R.T.: 0.001 min
Response: 355421042
Conc: 12.17 ng/ml



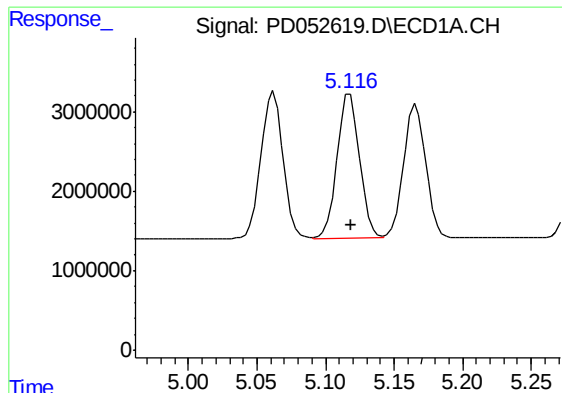
#10 gamma-Chlordane

R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 20737346
Conc: 10.64 ng/ml



#10 gamma-Chlordane

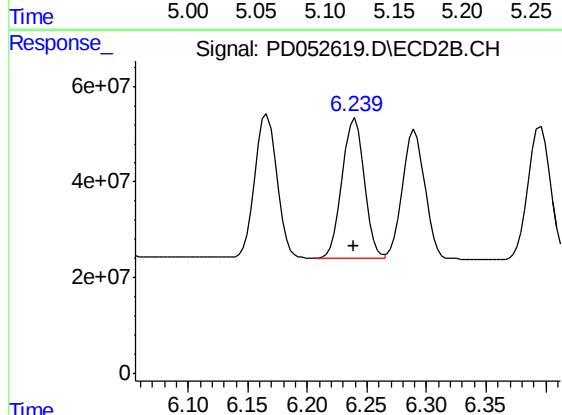
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 391967909
Conc: 12.25 ng/ml



#11 alpha-Chlordane

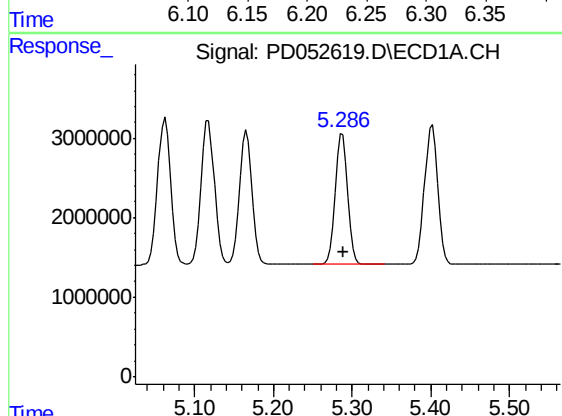
R.T.: 5.118 min
Delta R.T.: -0.001 min
Response: 20841933
Conc: 10.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



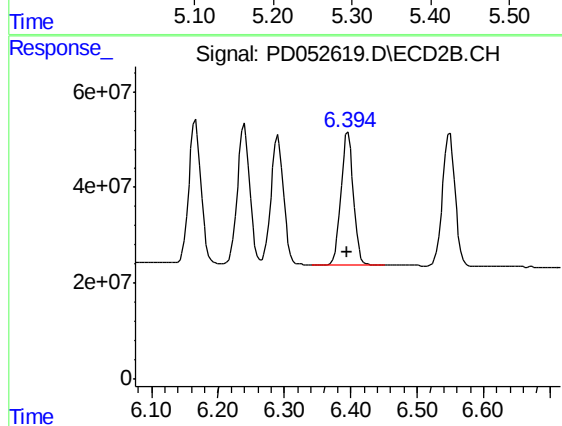
#11 alpha-Chlordane

R.T.: 6.240 min
Delta R.T.: 0.001 min
Response: 380203657
Conc: 12.11 ng/ml



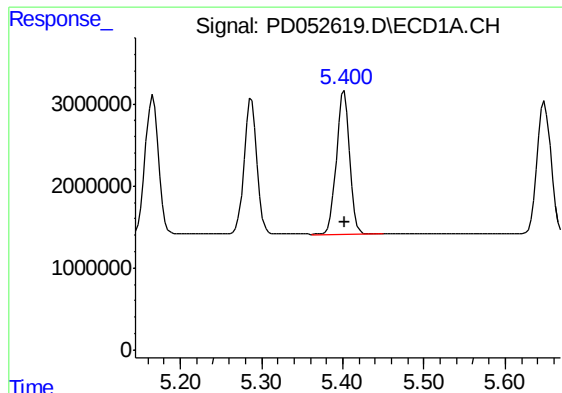
#12 4,4'-DDE

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 18470942
Conc: 9.91 ng/ml



#12 4,4'-DDE

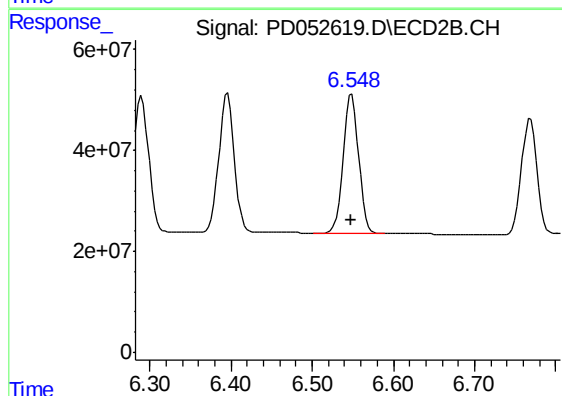
R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 363317839
Conc: 11.90 ng/ml



#13 Dieldrin

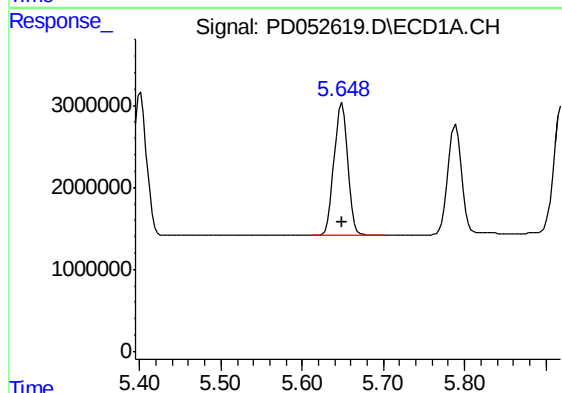
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 20042554
Conc: 10.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



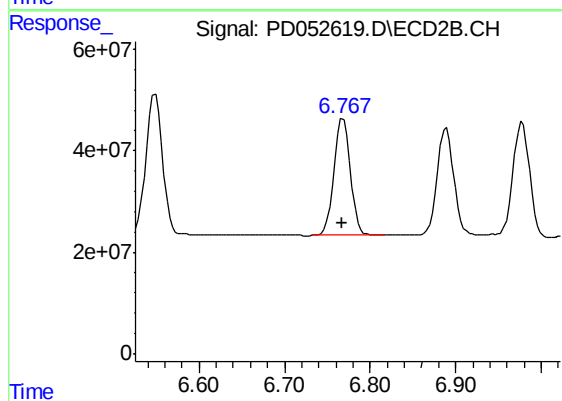
#13 Dieldrin

R.T.: 6.549 min
Delta R.T.: 0.001 min
Response: 365798763
Conc: 12.23 ng/ml



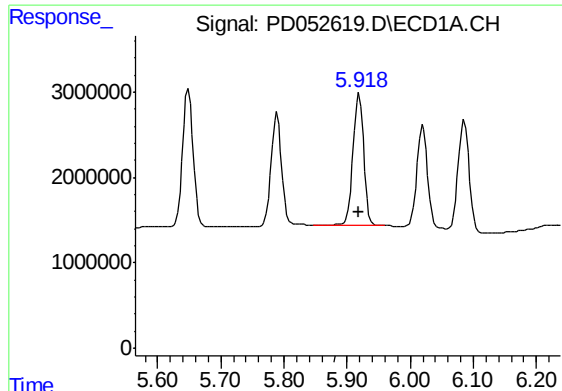
#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 19002130
Conc: 10.32 ng/ml



#14 Endrin

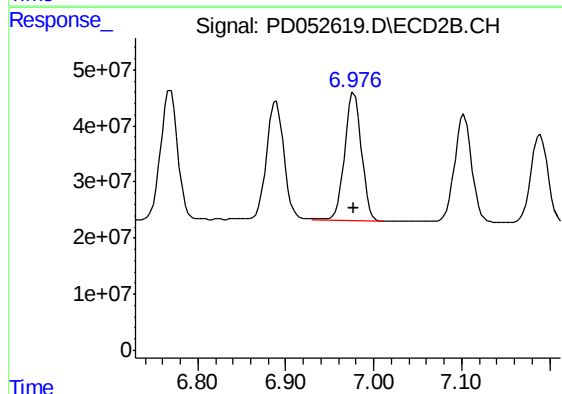
R.T.: 6.769 min
Delta R.T.: 0.001 min
Response: 309311437
Conc: 12.34 ng/ml



#15 Endosulfan II

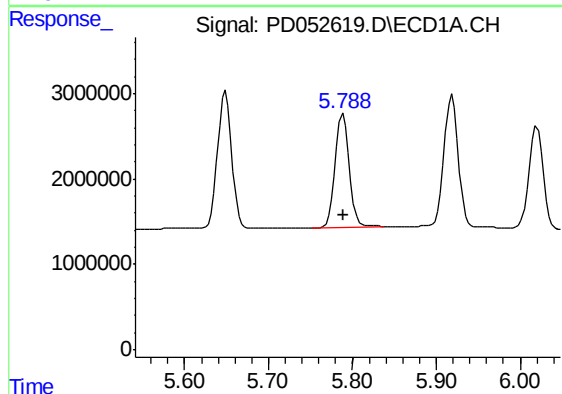
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 18105190
Conc: 10.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



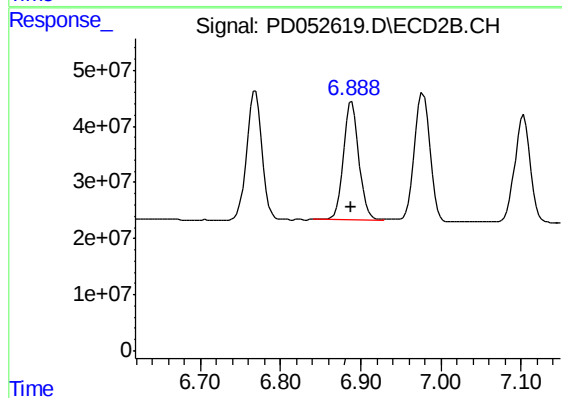
#15 Endosulfan II

R.T.: 6.978 min
Delta R.T.: 0.001 min
Response: 308440792
Conc: 12.38 ng/ml



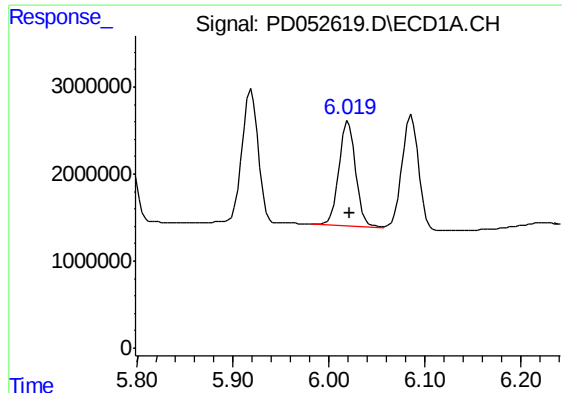
#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 15600455
Conc: 10.21 ng/ml



#16 4,4'-DDD

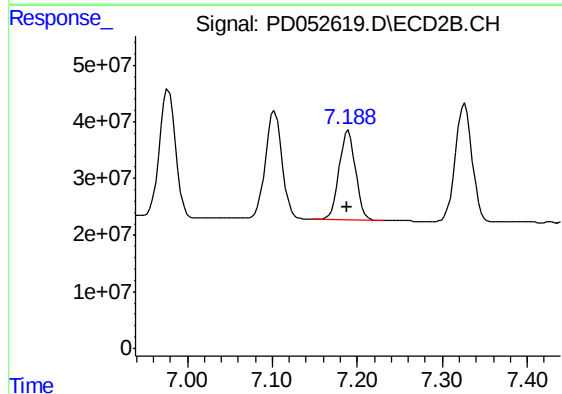
R.T.: 6.889 min
Delta R.T.: 0.002 min
Response: 287509954
Conc: 12.02 ng/ml



#17 4,4'-DDT

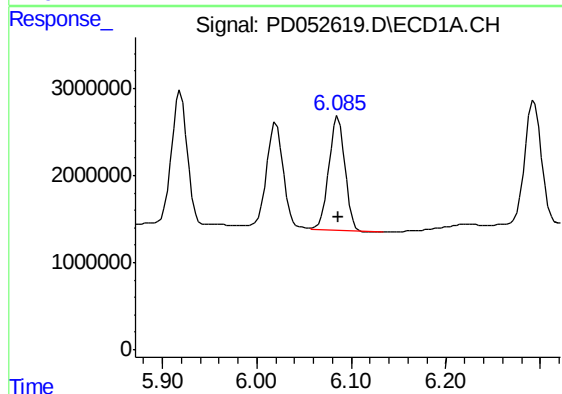
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 14426627
Conc: 10.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



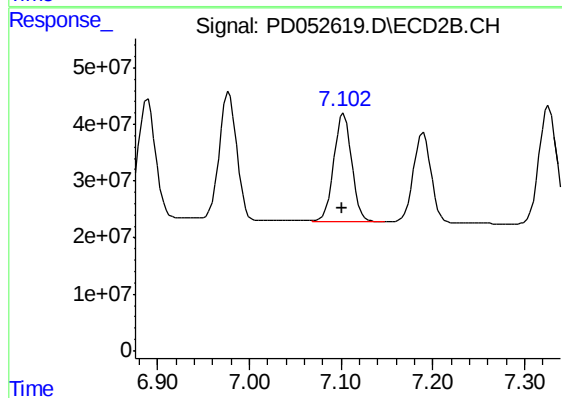
#17 4,4'-DDT

R.T.: 7.190 min
Delta R.T.: 0.001 min
Response: 214883862
Conc: 11.53 ng/ml



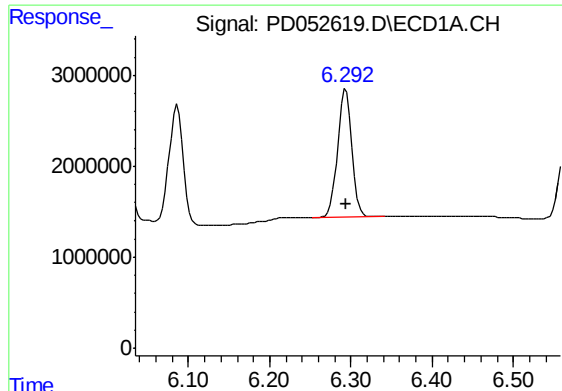
#18 Endrin aldehyde

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 15513401
Conc: 10.82 ng/ml



#18 Endrin aldehyde

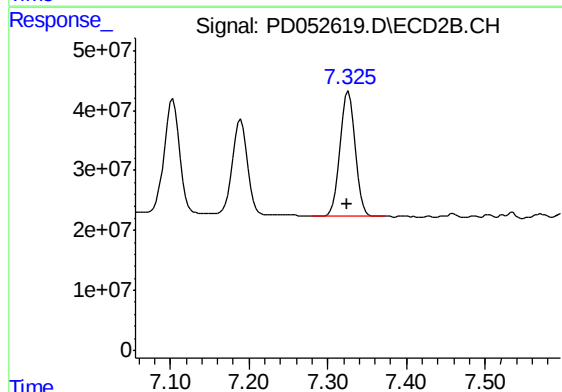
R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 260145054
Conc: 12.64 ng/ml



#19 Endosulfan Sulfate

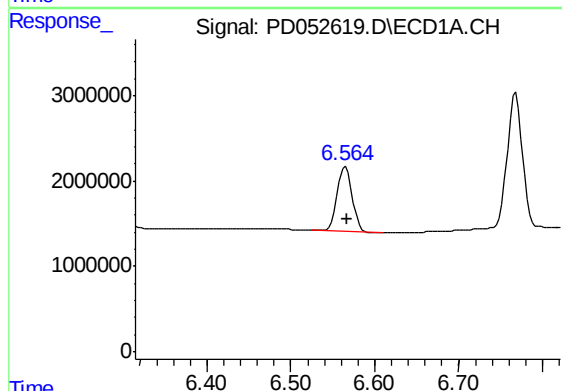
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 17649750
Conc: 11.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



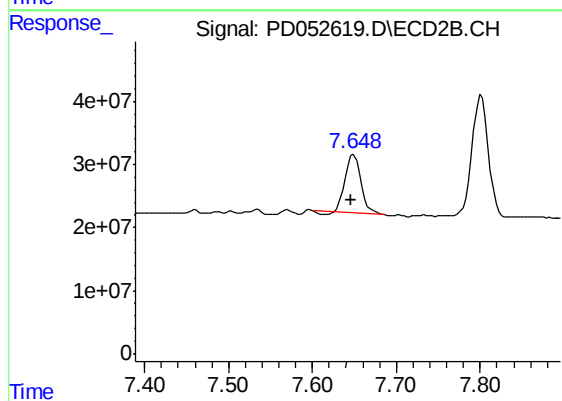
#19 Endosulfan Sulfate

R.T.: 7.327 min
Delta R.T.: 0.001 min
Response: 285820910
Conc: 12.99 ng/ml



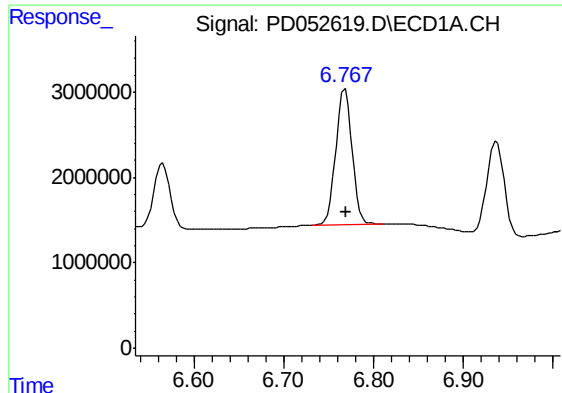
#20 Methoxychlor

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 9309562
Conc: 11.02 ng/ml



#20 Methoxychlor

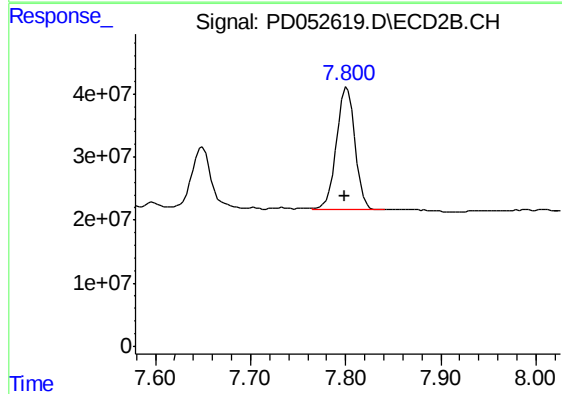
R.T.: 7.649 min
Delta R.T.: 0.003 min
Response: 117693576
Conc: 11.77 ng/ml



#21 Endrin ketone

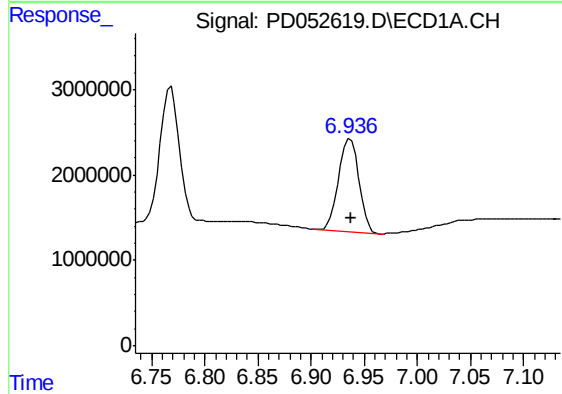
R.T.: 6.768 min
Delta R.T.: -0.001 min
Response: 19952245
Conc: 10.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



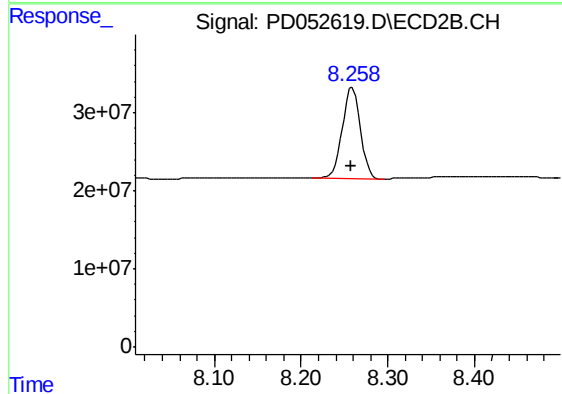
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.003 min
Response: 264317549
Conc: 12.90 ng/ml



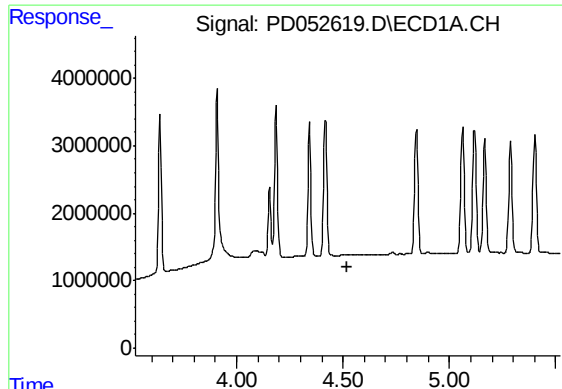
#22 Mirex

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 14461171
Conc: 11.80 ng/ml



#22 Mirex

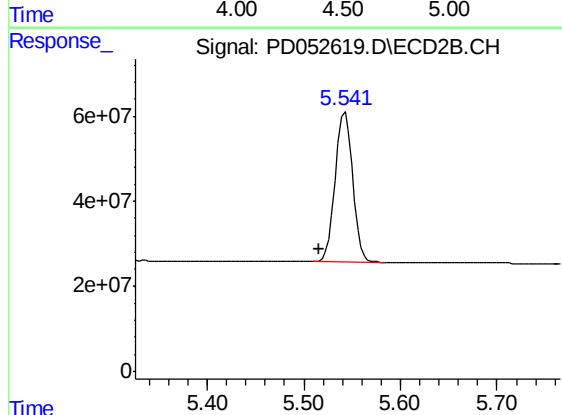
R.T.: 8.259 min
Delta R.T.: 0.002 min
Response: 169397939
Conc: 13.14 ng/ml



#24 Chlordane-2

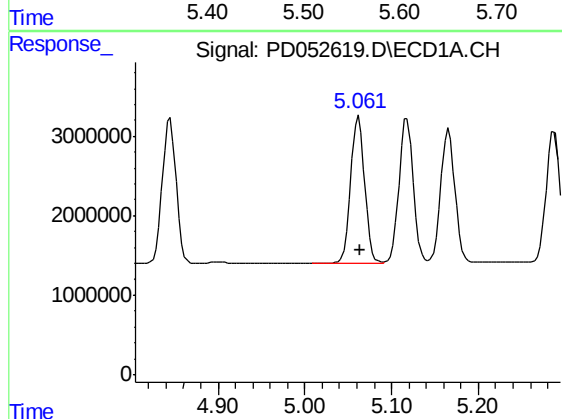
R.T.: 0.000 min
Exp R.T.: 4.523 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



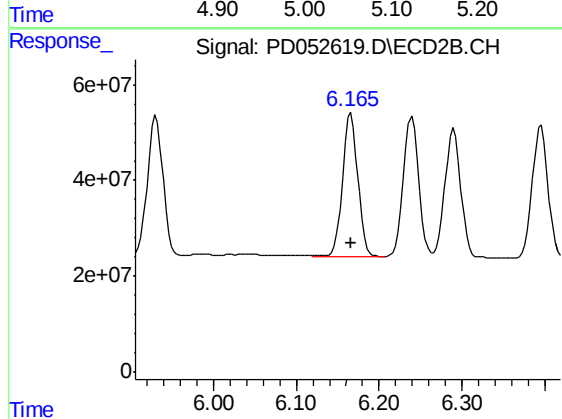
#24 Chlordane-2

R.T.: 5.543 min
Delta R.T.: 0.027 min
Response: 433281501
Conc: 309.38 ng/ml



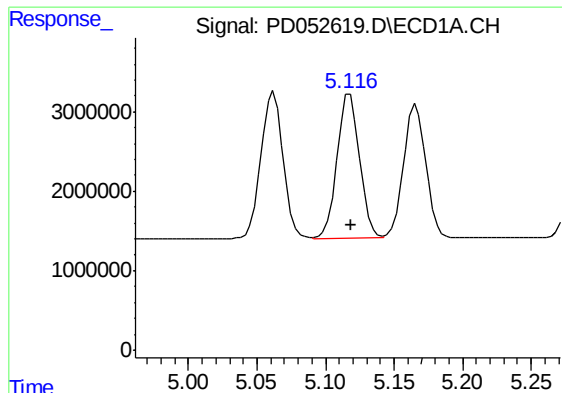
#25 Chlordane-3

R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 20737346
Conc: 93.78 ng/ml



#25 Chlordane-3

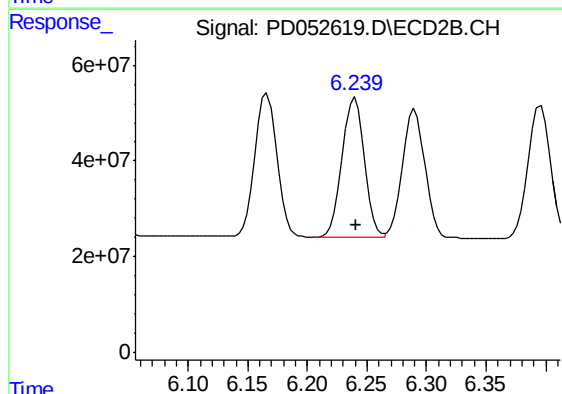
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 391967909
Conc: 88.83 ng/ml



#26 Chlordane-4

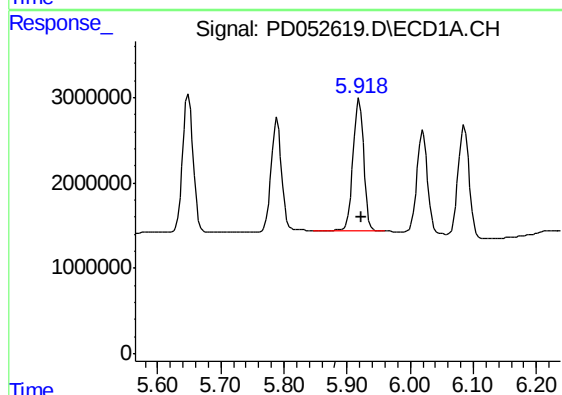
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 20841933
Conc: 98.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



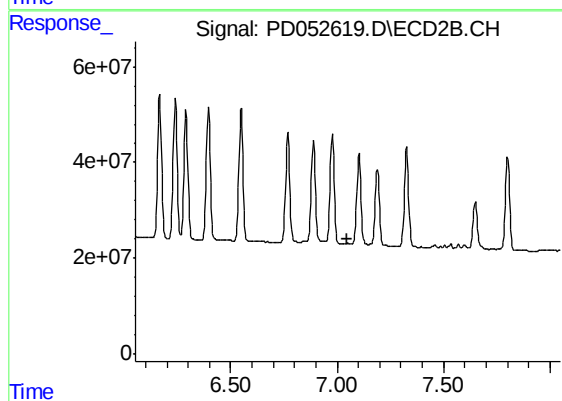
#26 Chlordane-4

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 380203657
Conc: 74.77 ng/ml



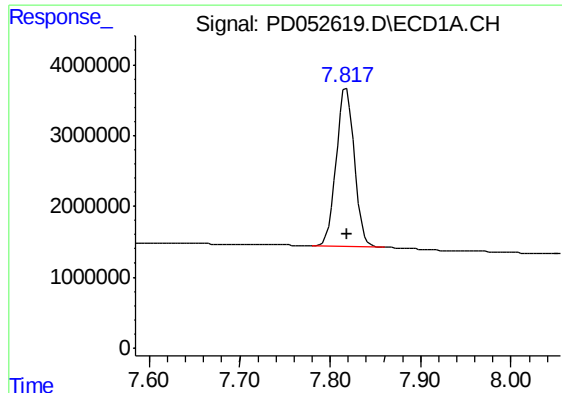
#27 Chlordane-5

R.T.: 5.919 min
Delta R.T.: -0.005 min
Response: 18105190
Conc: 278.40 ng/ml



#27 Chlordane-5

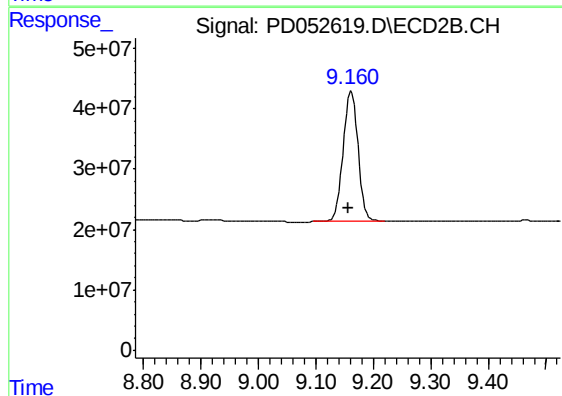
R.T.: 0.000 min
Exp R.T. : 7.050 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.818 min
Delta R.T.: 0.000 min
Response: 30762881
Conc: 23.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



#28 Decachlorobiphenyl

R.T.: 9.161 min
Delta R.T.: 0.005 min
Response: 393229686
Conc: 25.29 ng/ml