

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
 Data File : PD054008.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jul 2019 23:30
 Operator : SM\AJ
 Sample : K3591-08
 Misc : LOQ 5 PPB
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 05:12:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 04:33:23 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...	3.314	3.983	12262037	19561730	21.305	22.456
28)	SA Decachlor...	8.009	9.026	14895973	21365718	22.128	23.047
Target Compounds							
2)	A alpha-BHC	3.743	4.369	4108167	5883466	4.743	4.664
3)	MA gamma-BHC...	4.020	4.652	4061681	6256416	4.951	5.101
4)	MA Heptachlor	4.308	5.160	3603402	6891186	4.945	5.501
5)	MB Aldrin	4.549	5.464	4031959	6381831	5.074	5.190
6)	B beta-BHC	4.270	4.819	1572386	3043731	4.464	5.436
7)	B delta-BHC	4.467	5.035	3682180	6141475	4.392	4.745
8)	B Heptachlor...	4.988	5.848	3973904	6701072	5.238	5.541
9)	A Endosulfan I	5.320	6.203	3798926	6586303	5.113	5.672
10)	B gamma-Chl...	5.211	6.081	4073017	8187044	5.007	6.215
11)	B alpha-Chl...	5.268	6.154	4164055	7634707	5.140	5.880
12)	B 4,4'-DDE	5.437	6.309	3757878	6322008	4.742	5.145
13)	MA Dieldrin	5.561	6.459	4059089	6758292	4.998	5.378
14)	MA Endrin	5.814	6.676	3887411	5537373	5.191	5.283
15)	B Endosulfa...	6.088	6.883	3431005	6288231	4.585	5.438
16)	A 4,4'-DDD	5.949	6.796	2877063	5242529	4.807	5.189
17)	MA 4,4'-DDT	6.186	7.095	2352385	4906452	4.085	4.980
18)	B Endrin al...	6.257	7.007	3451125	5528203	5.433	5.559
19)	B Endosulfa...	6.468	7.228	3811939	6216150	5.423	5.720
20)	A Methoxychlor	6.736	7.551	1417332	2915124	4.960	5.433
21)	B Endrin ke...	6.954	7.697	3895988	6876311	4.861	5.656
22)	Mirex	7.131	8.153	3373400	5355599	5.185	5.811
24)	Chlordane-2	0.000	5.464f	0	6381831	N.D.	150.574 #
25)	Chlordane-3	5.211	6.081	4073017	8187044	51.213	46.752
26)	Chlordane-4	5.268	6.154	4164055	7634707	60.503	36.068 #
27)	Chlordane-5	6.088	0.000	3431005	0	128.453	N.D. #

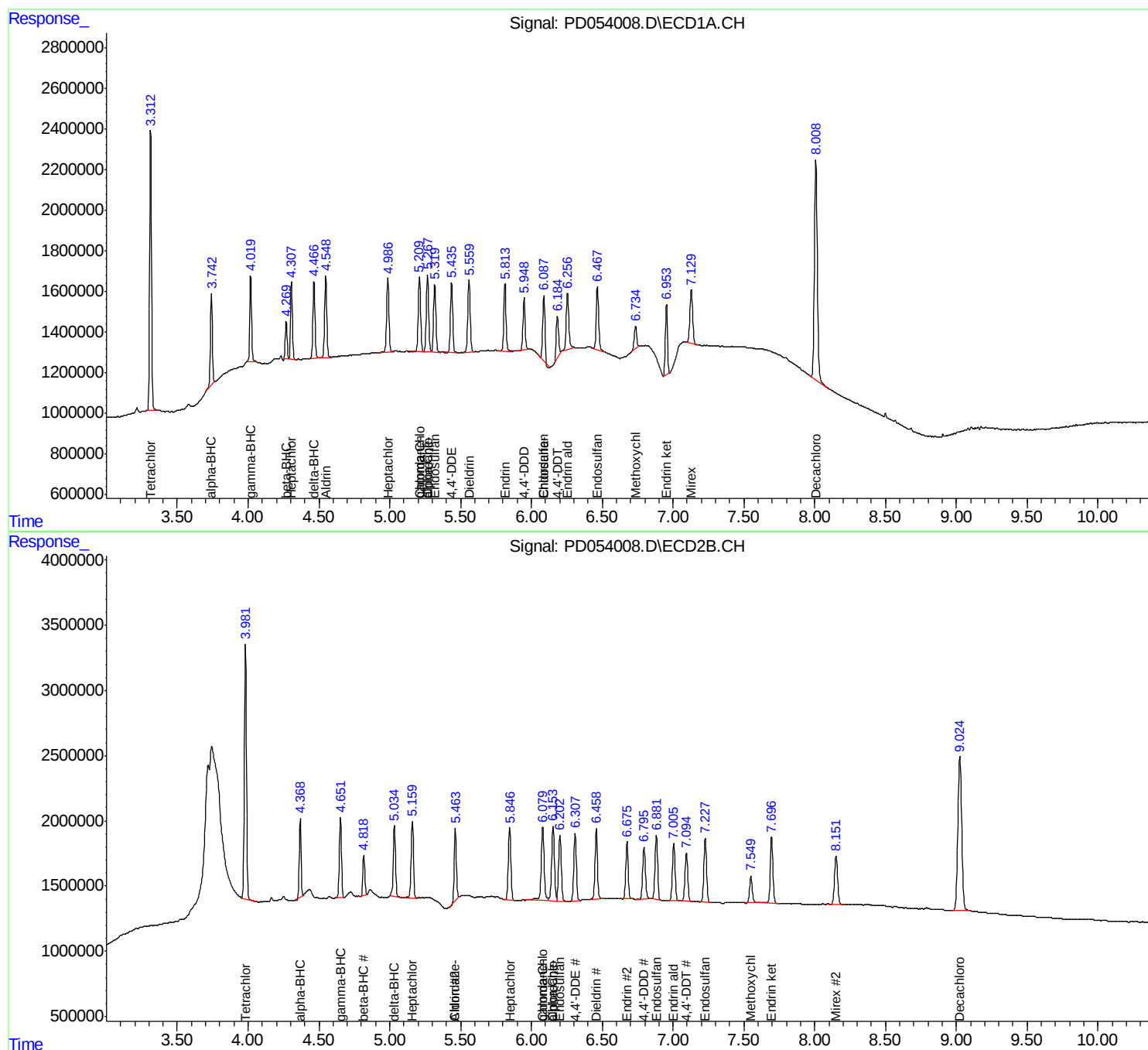
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

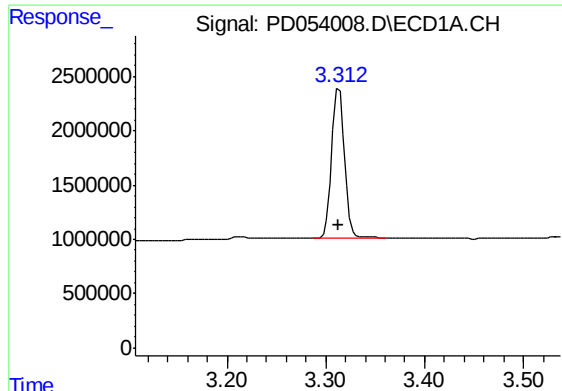
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
Data File : PD054008.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jul 2019 23:30
Operator : SM\AJ
Sample : K3591-08
Misc : LOQ 5 PPB
ALS Vial : 48 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 05:12:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 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

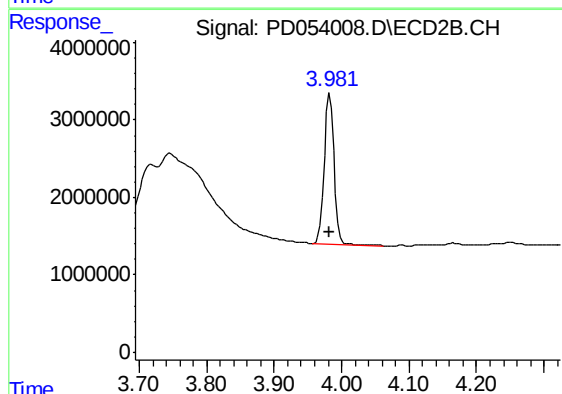




#1 Tetrachloro-m-xylene

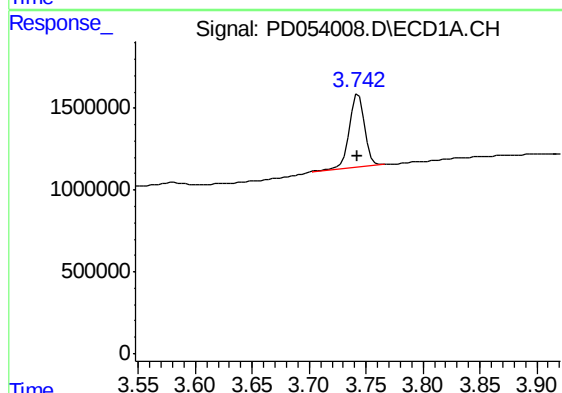
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 12262037
Conc: 21.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



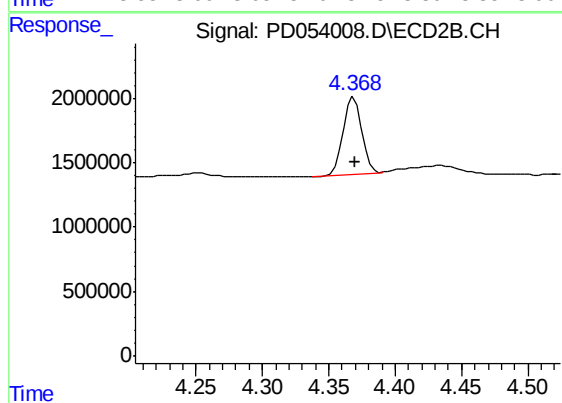
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 19561730
Conc: 22.46 ng/ml



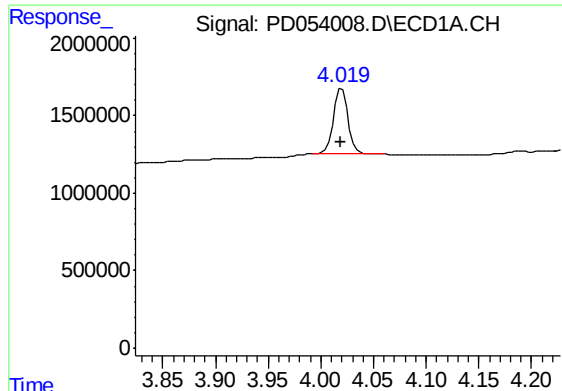
#2 alpha-BHC

R.T.: 3.743 min
Delta R.T.: 0.000 min
Response: 4108167
Conc: 4.74 ng/ml



#2 alpha-BHC

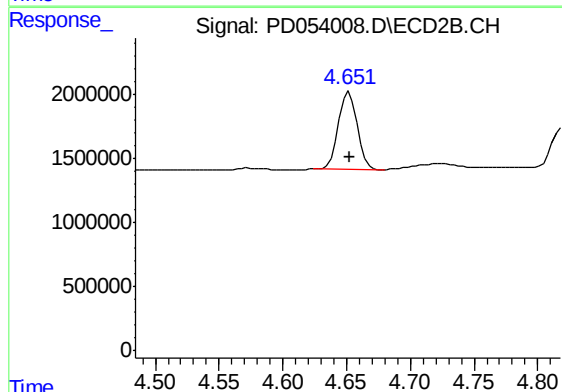
R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 5883466
Conc: 4.66 ng/ml



#3 gamma-BHC (Lindane)

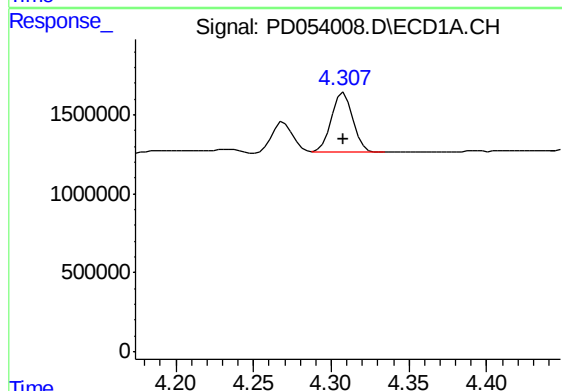
R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 4061681
Conc: 4.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



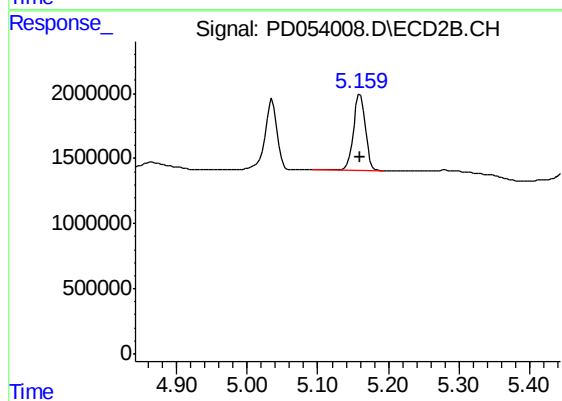
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 6256416
Conc: 5.10 ng/ml



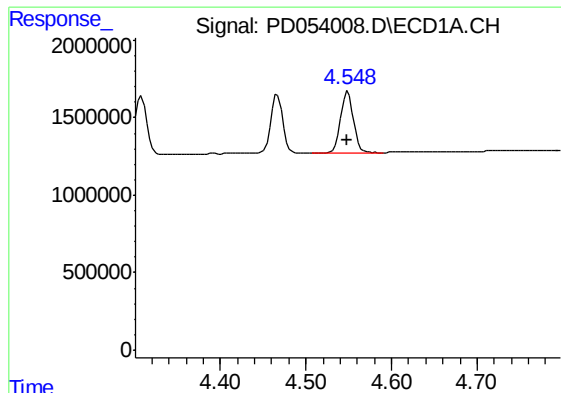
#4 Heptachlor

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 3603402
Conc: 4.94 ng/ml



#4 Heptachlor

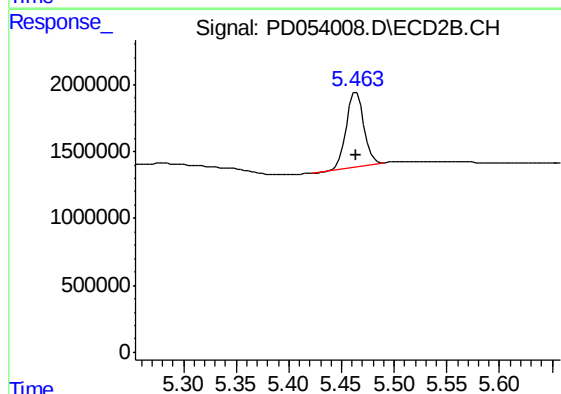
R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 6891186
Conc: 5.50 ng/ml



#5 Aldrin

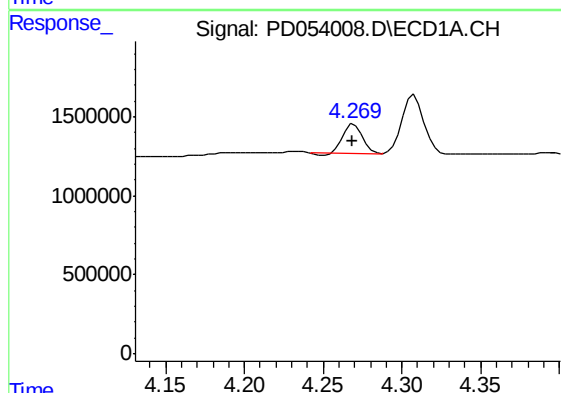
R.T.: 4.549 min
Delta R.T.: 0.001 min
Response: 4031959
Conc: 5.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



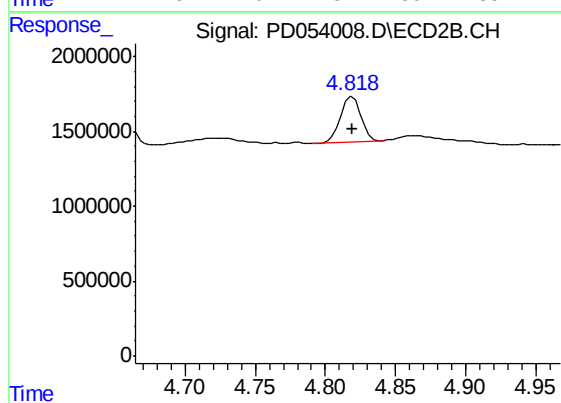
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 6381831
Conc: 5.19 ng/ml



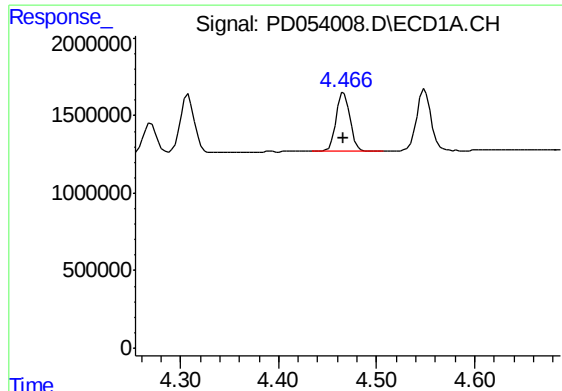
#6 beta-BHC

R.T.: 4.270 min
Delta R.T.: 0.001 min
Response: 1572386
Conc: 4.46 ng/ml



#6 beta-BHC

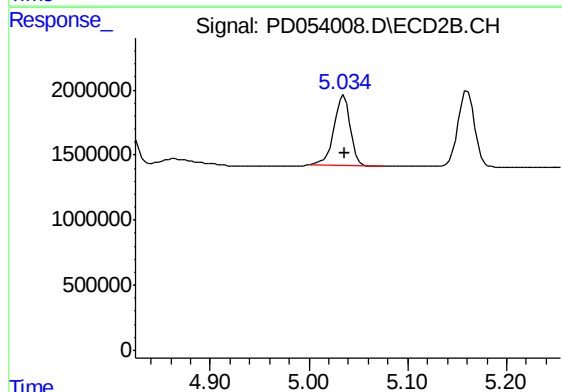
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 3043731
Conc: 5.44 ng/ml



#7 delta-BHC

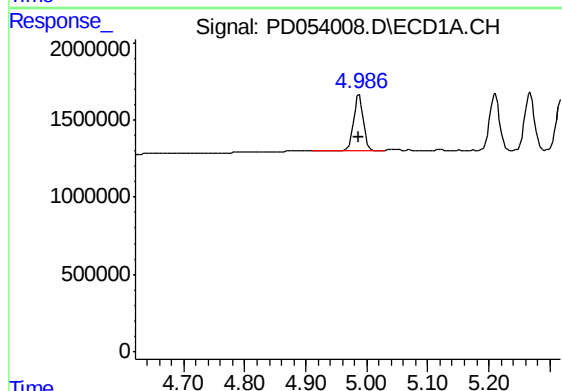
R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 3682180
Conc: 4.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



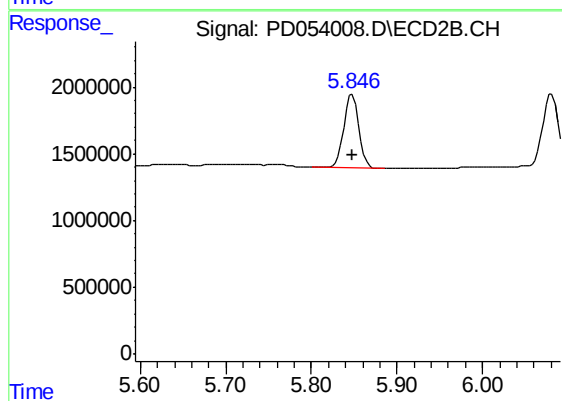
#7 delta-BHC

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 6141475
Conc: 4.74 ng/ml



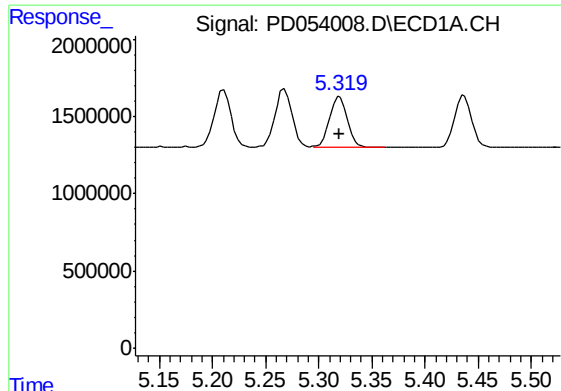
#8 Heptachlor epoxide

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 3973904
Conc: 5.24 ng/ml



#8 Heptachlor epoxide

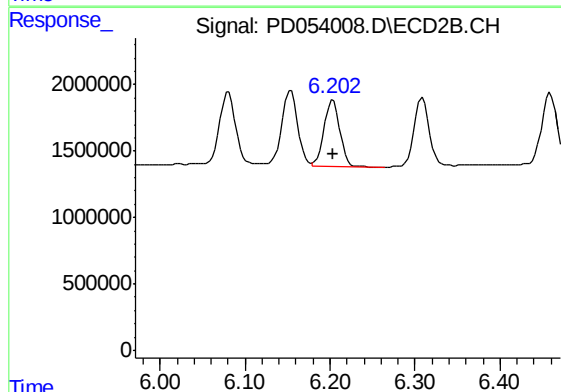
R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 6701072
Conc: 5.54 ng/ml



#9 Endosulfan I

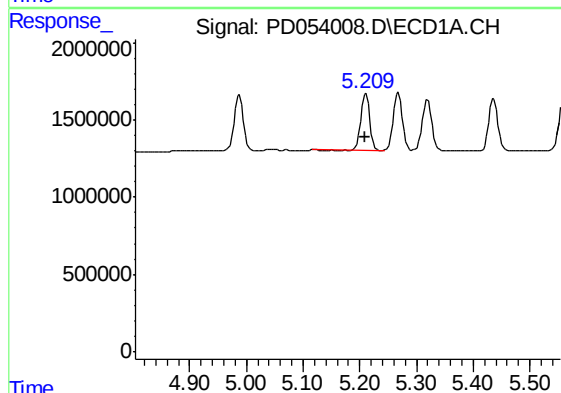
R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 3798926
Conc: 5.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



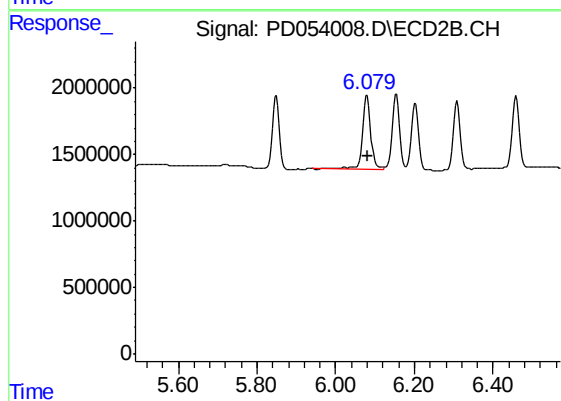
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 6586303
Conc: 5.67 ng/ml



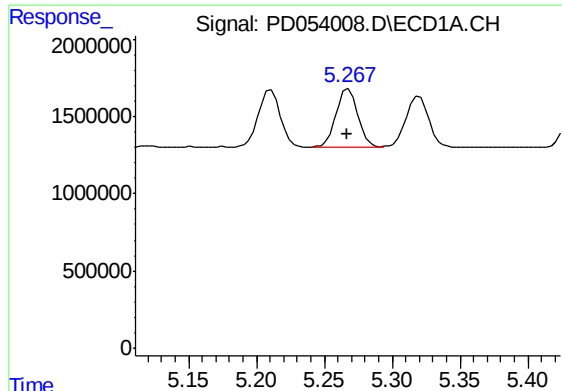
#10 gamma-Chlordane

R.T.: 5.211 min
Delta R.T.: 0.001 min
Response: 4073017
Conc: 5.01 ng/ml



#10 gamma-Chlordane

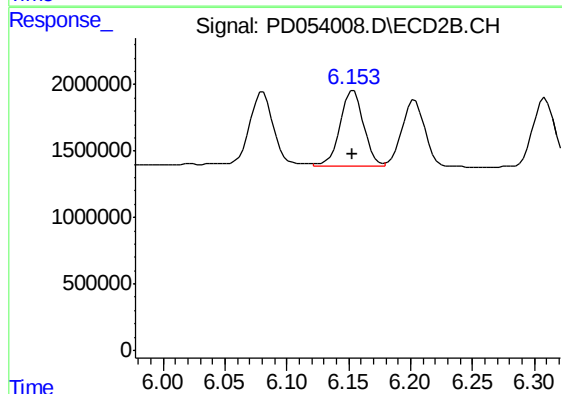
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 8187044
Conc: 6.22 ng/ml



#11 alpha-Chlordane

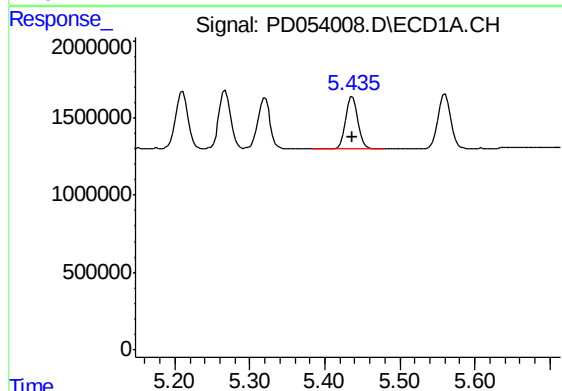
R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 4164055
Conc: 5.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



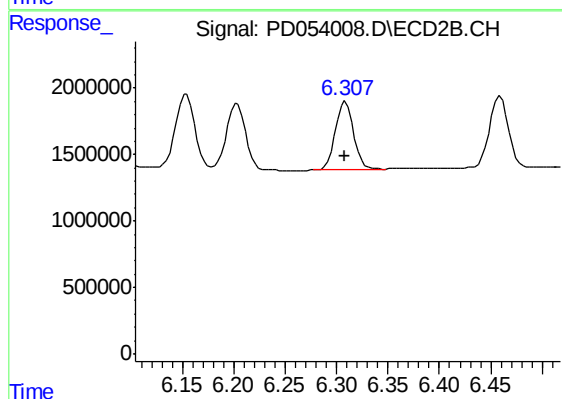
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 7634707
Conc: 5.88 ng/ml



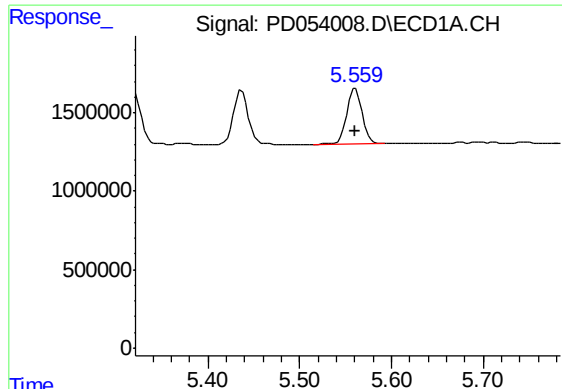
#12 4,4'-DDE

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 3757878
Conc: 4.74 ng/ml



#12 4,4'-DDE

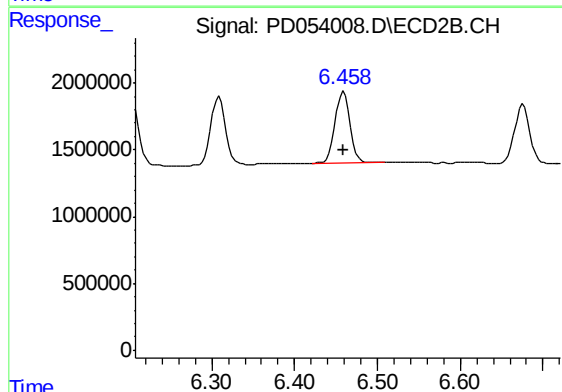
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 6322008
Conc: 5.15 ng/ml



#13 Dieldrin

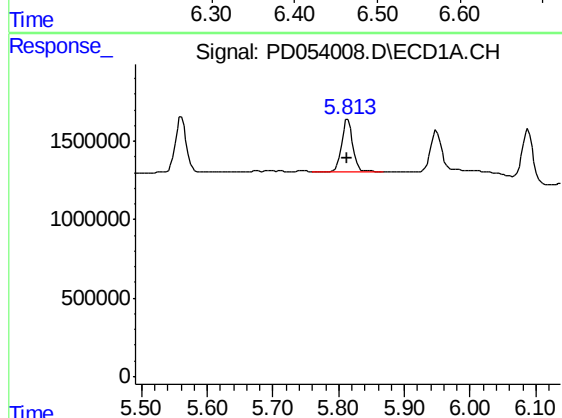
R.T.: 5.561 min
Delta R.T.: 0.001 min
Response: 4059089
Conc: 5.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



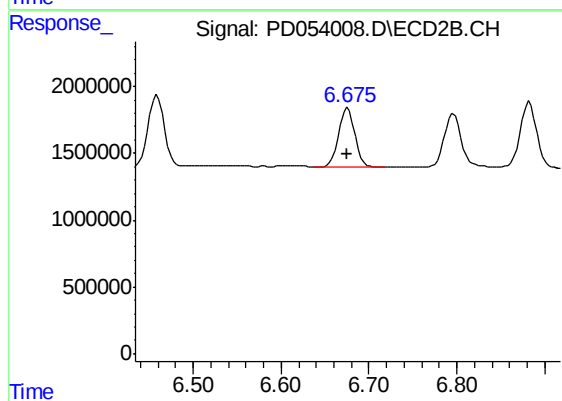
#13 Dieldrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 6758292
Conc: 5.38 ng/ml



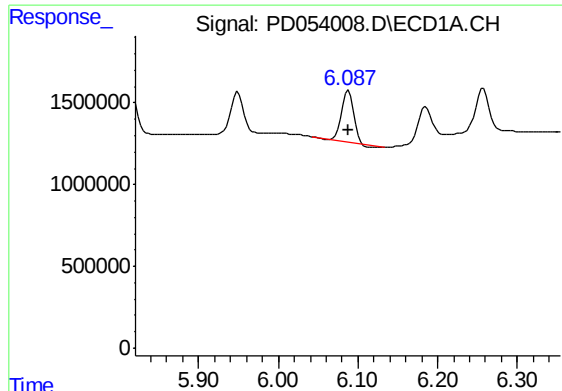
#14 Endrin

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 3887411
Conc: 5.19 ng/ml



#14 Endrin

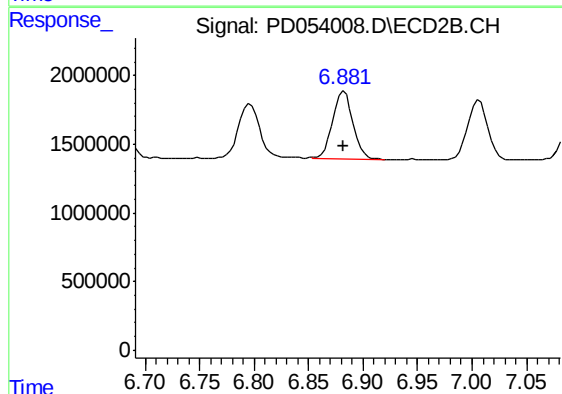
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 5537373
Conc: 5.28 ng/ml



#15 Endosulfan II

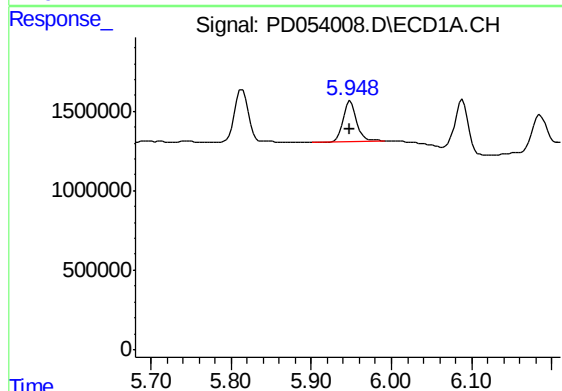
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 3431005
Conc: 4.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



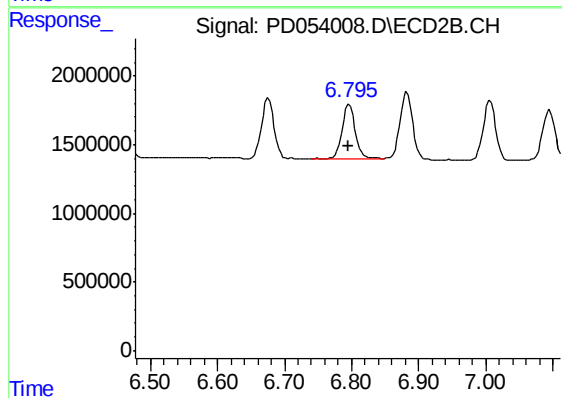
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 6288231
Conc: 5.44 ng/ml



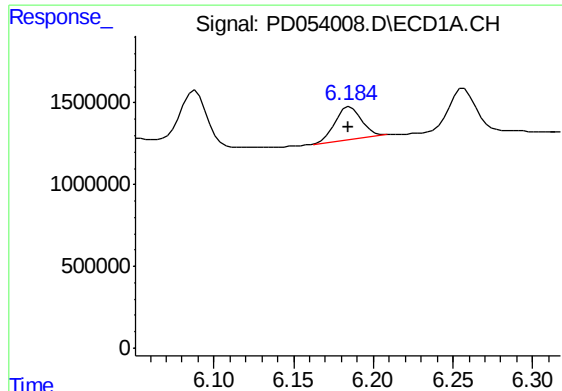
#16 4,4'-DDD

R.T.: 5.949 min
Delta R.T.: 0.001 min
Response: 2877063
Conc: 4.81 ng/ml



#16 4,4'-DDD

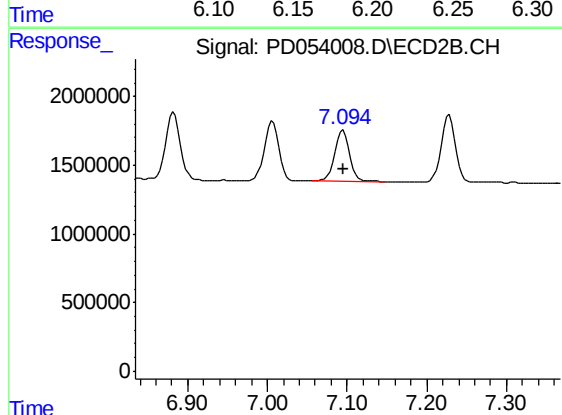
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 5242529
Conc: 5.19 ng/ml



#17 4,4'-DDT

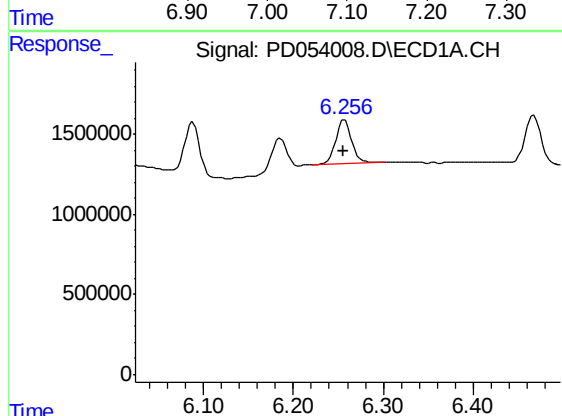
R.T.: 6.186 min
Delta R.T.: 0.001 min
Response: 2352385
Conc: 4.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



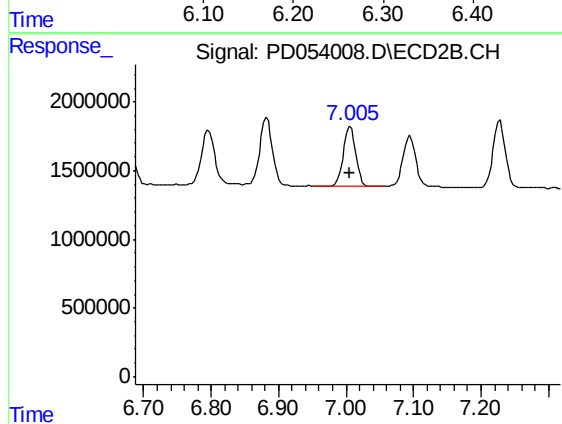
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 4906452
Conc: 4.98 ng/ml



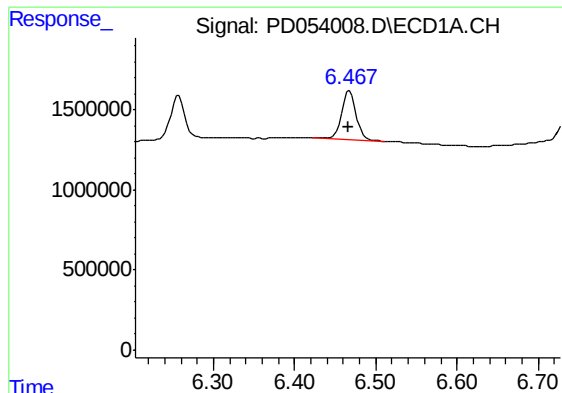
#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 3451125
Conc: 5.43 ng/ml



#18 Endrin aldehyde

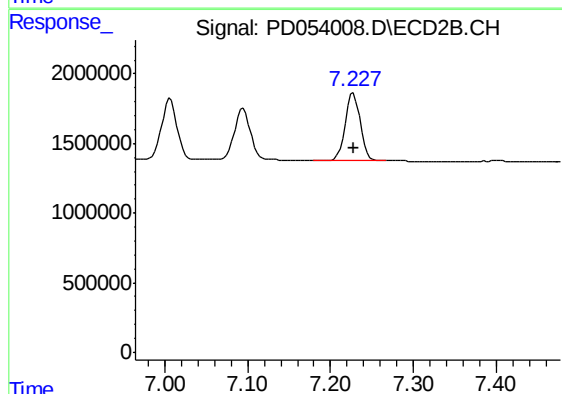
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 5528203
Conc: 5.56 ng/ml



#19 Endosulfan Sulfate

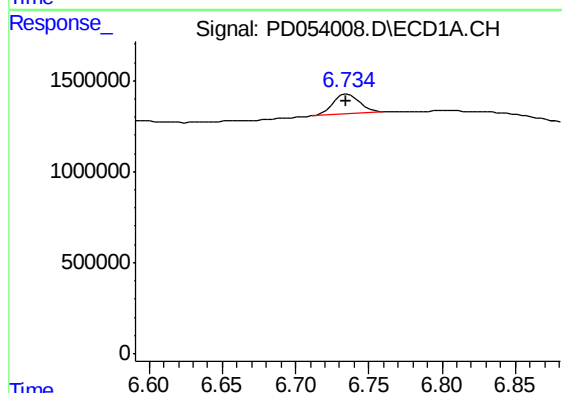
R.T.: 6.468 min
Delta R.T.: 0.001 min
Response: 3811939
Conc: 5.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



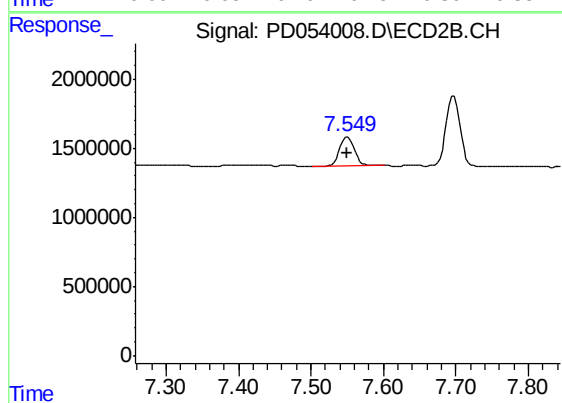
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 6216150
Conc: 5.72 ng/ml



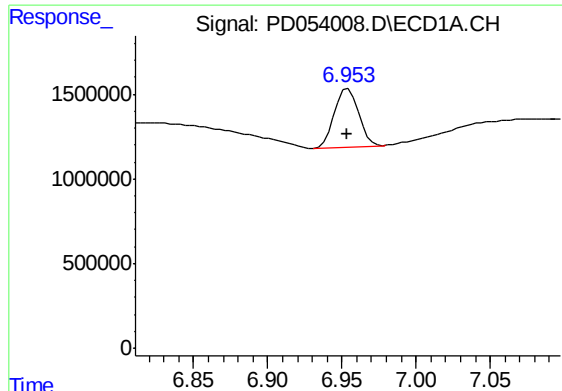
#20 Methoxychlor

R.T.: 6.736 min
Delta R.T.: 0.002 min
Response: 1417332
Conc: 4.96 ng/ml



#20 Methoxychlor

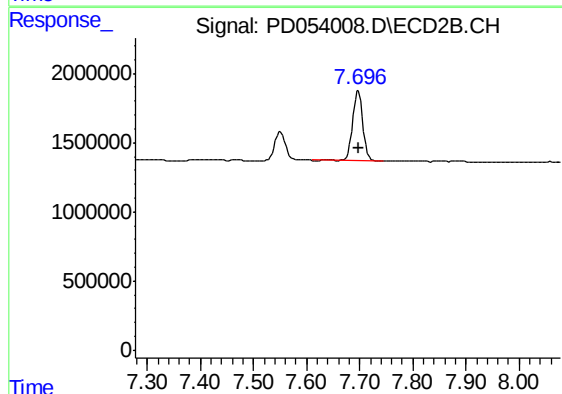
R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 2915124
Conc: 5.43 ng/ml



#21 Endrin ketone

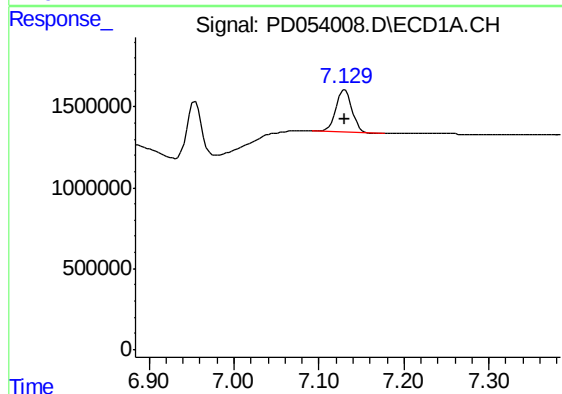
R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 3895988
Conc: 4.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



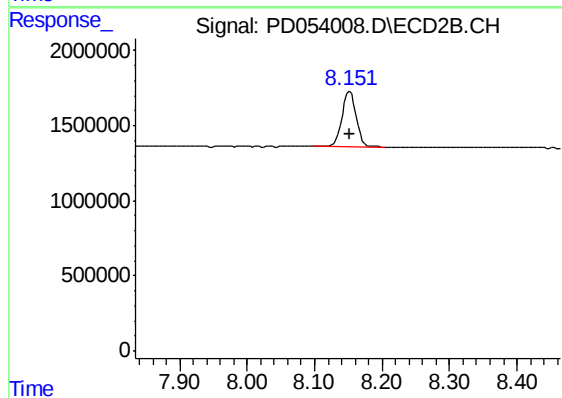
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 6876311
Conc: 5.66 ng/ml



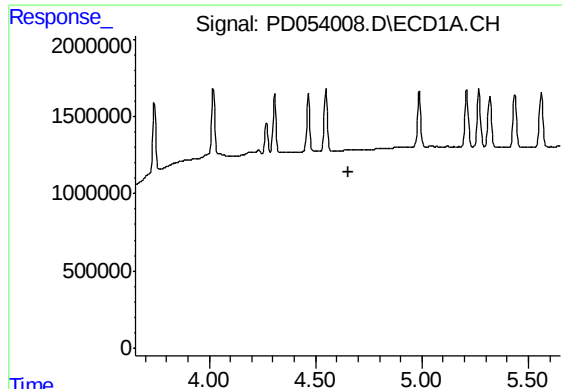
#22 Mirex

R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 3373400
Conc: 5.19 ng/ml



#22 Mirex

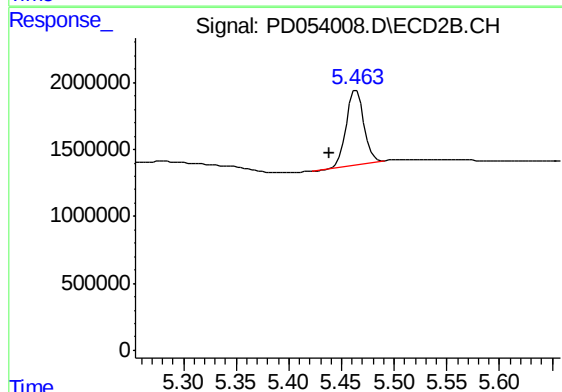
R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 5355599
Conc: 5.81 ng/ml



#24 Chlordane-2

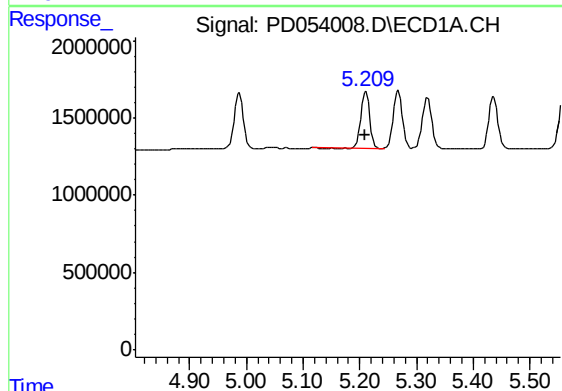
R.T.: 0.000 min
Exp R.T.: 4.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



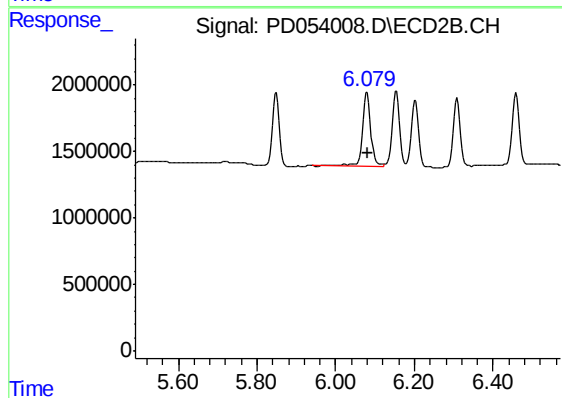
#24 Chlordane-2

R.T.: 5.464 min
Delta R.T.: 0.026 min
Response: 6381831
Conc: 150.57 ng/ml



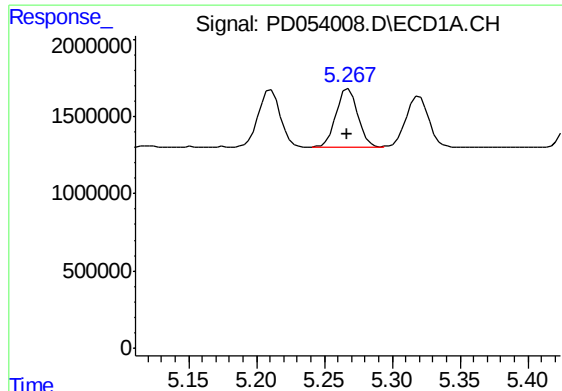
#25 Chlordane-3

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 4073017
Conc: 51.21 ng/ml



#25 Chlordane-3

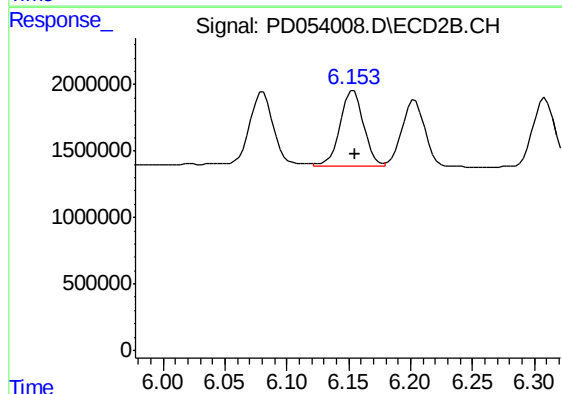
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 8187044
Conc: 46.75 ng/ml



#26 Chlordane-4

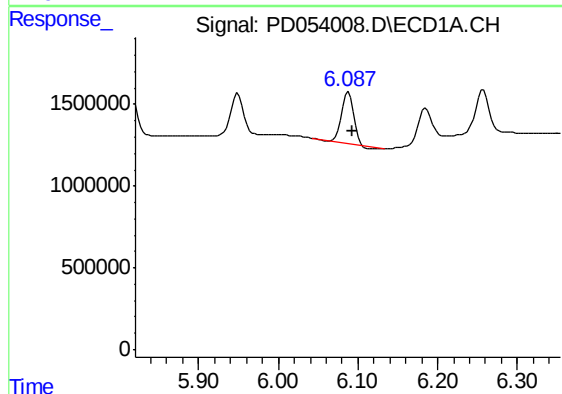
R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 4164055
Conc: 60.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



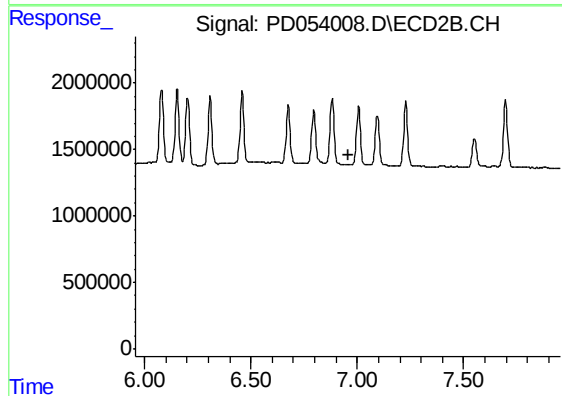
#26 Chlordane-4

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 7634707
Conc: 36.07 ng/ml



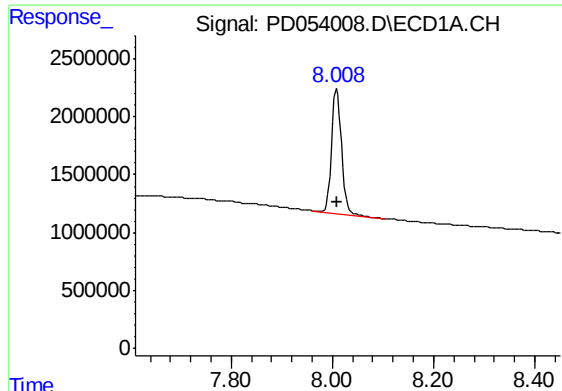
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 3431005
Conc: 128.45 ng/ml



#27 Chlordane-5

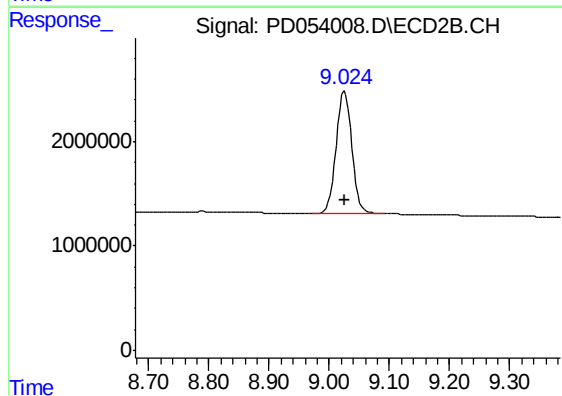
R.T.: 0.000 min
Exp R.T. : 6.956 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 14895973
Conc: 22.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2019



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 21365718
Conc: 23.05 ng/ml