

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080619\
 Data File : PD054199.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Aug 2019 11:49
 Operator : SM\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 00:59:16 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...	3.312	3.982	12173226	18491596	21.151	21.227
28)	SA Decachlor...	8.008	9.025	12073006	16741195	17.934	18.058
Target Compounds							
2)	A alpha-BHC	3.742	4.368	8818949	12560717	10.182	9.957
3)	MA gamma-BHC...	4.018	4.651	8885446	12359261	10.832	10.077
5)	MB Aldrin	4.553	0.000	74909	0	0.094	N.D. #
6)	B beta-BHC	4.268	4.818	3751586	6347209	10.651	11.336
7)	B delta-BHC	4.453	0.000	160924	0	0.192	N.D. #
8)	B Heptachlo...	4.968f	0.000	4469	0	0.006	N.D. #
10)	B gamma-Chl...	0.000	6.105f	0	132122	N.D.	0.100 #
12)	B 4,4'-DDE	5.436	6.309	142627	287740	0.180	0.234 #
14)	MA Endrin	5.813	6.675	30792060	43296998	41.117	41.310
15)	B Endosulfa...	0.000	6.890	0	516200	N.D.	0.446 #
16)	A 4,4'-DDD	5.948	6.795	1335466	3134654	2.231	3.103 #
17)	MA 4,4'-DDT	6.184	7.093	50505683	86832547	87.700	88.143
18)	B Endrin al...	6.256	7.005	1094036	1591745	1.722	1.601
20)	A Methoxychlor	6.734	7.549	59386889	110.4E6	207.809	205.844
21)	B Endrin ke...	6.953	7.697	1760594	2804150	2.197	2.306
25)	Chlordane-3	0.000	6.105f	0	132122	N.D.	0.754 #

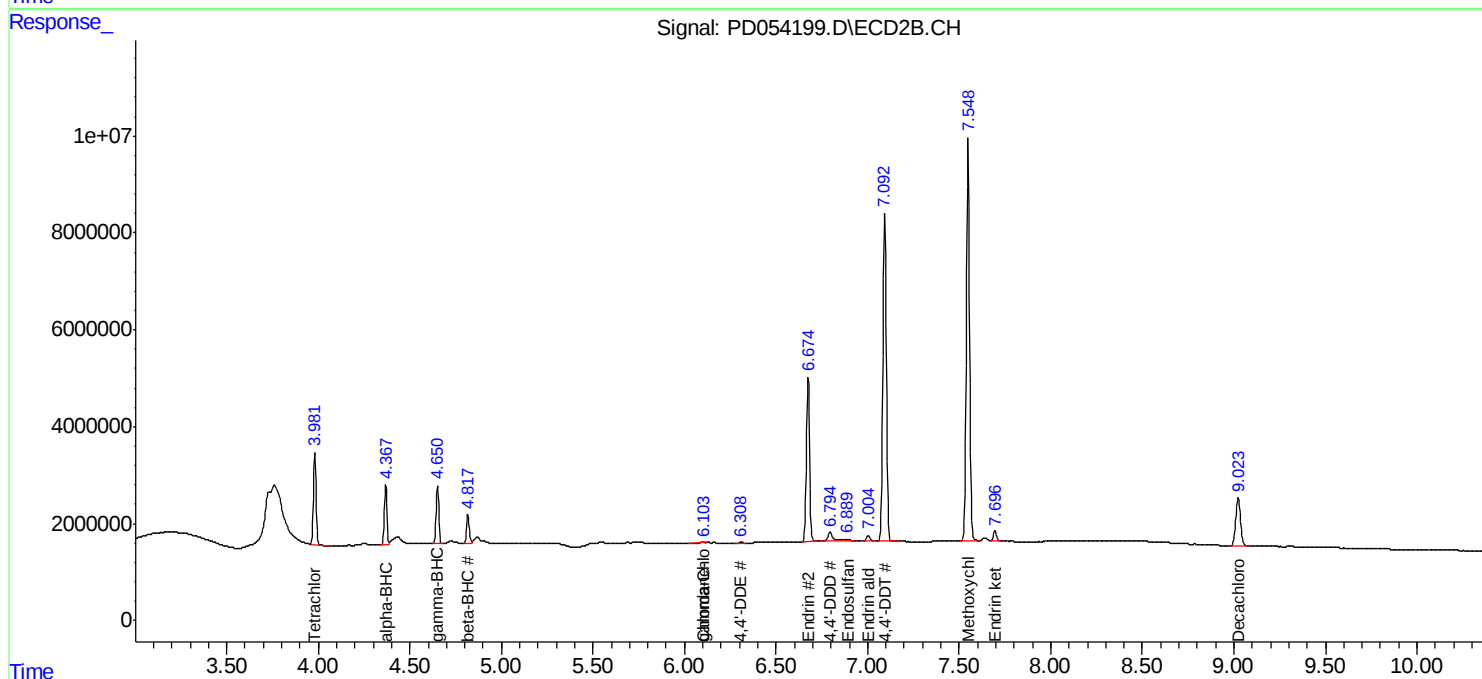
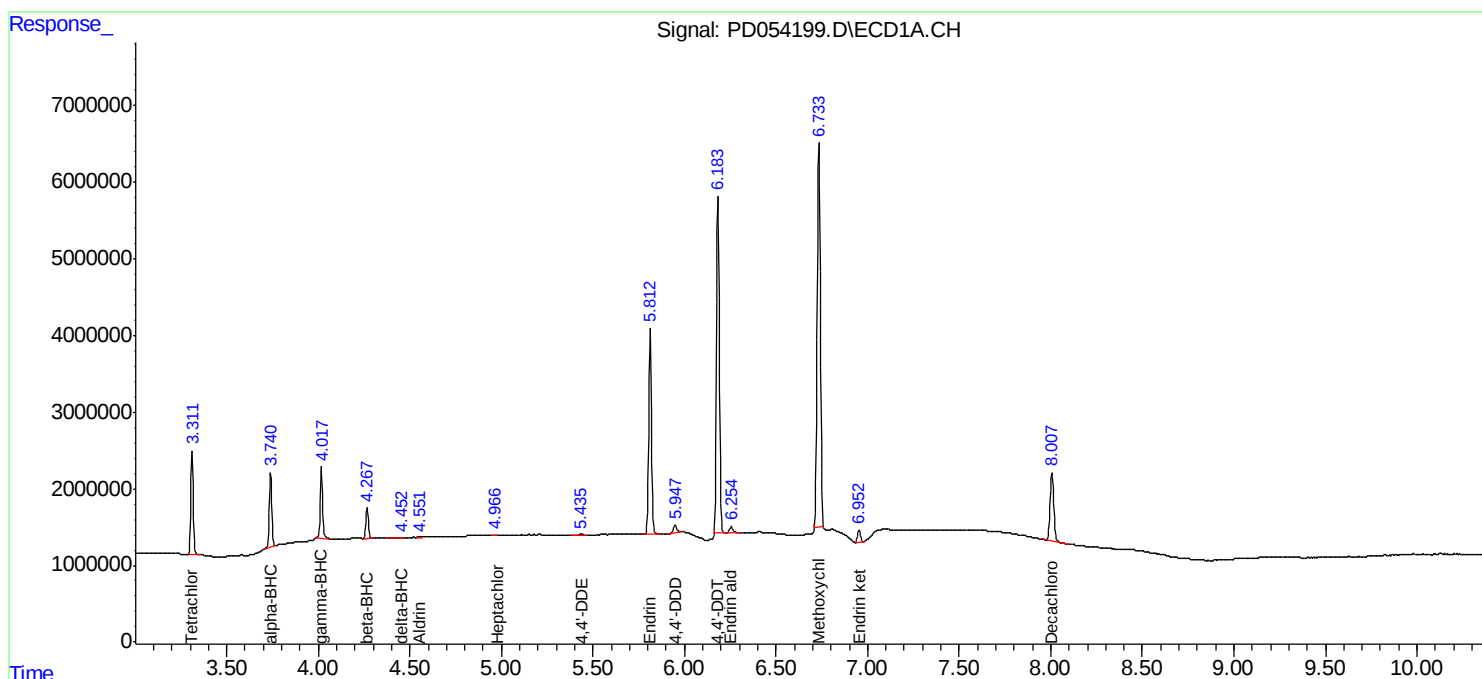
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

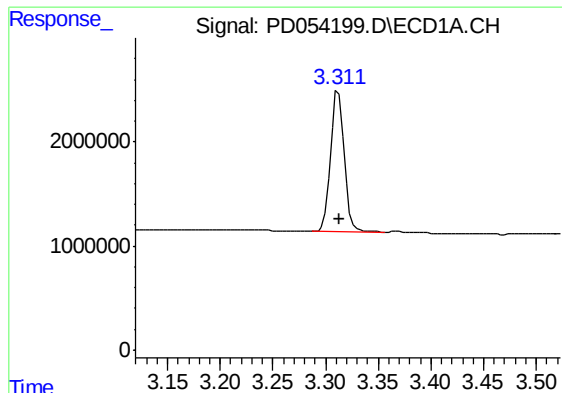
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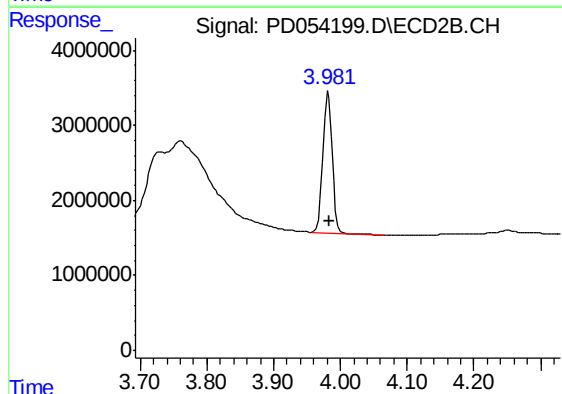




#1 Tetrachloro-m-xylene

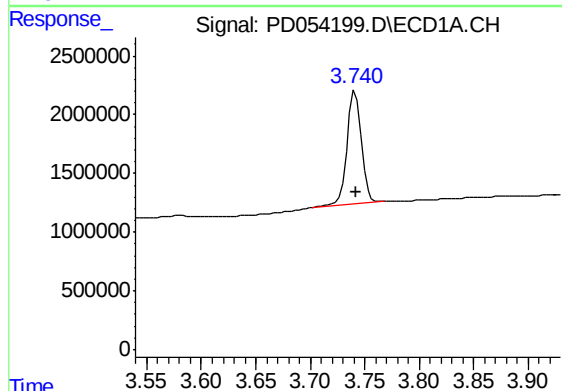
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 12173226
Conc: 21.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



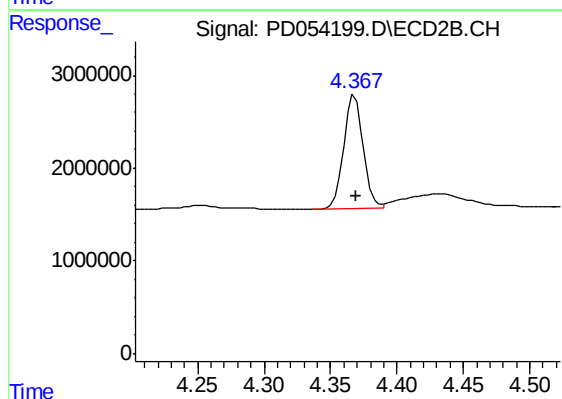
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 18491596
Conc: 21.23 ng/ml



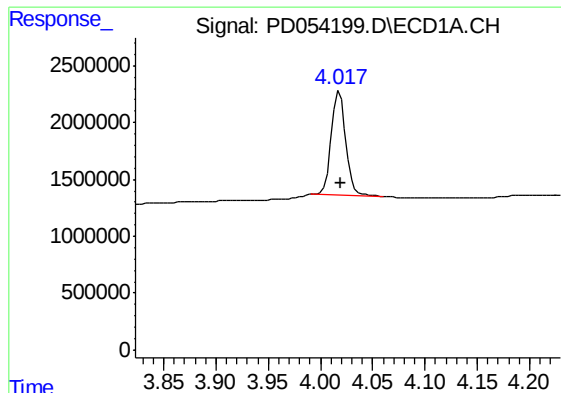
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: -0.001 min
Response: 8818949
Conc: 10.18 ng/ml



#2 alpha-BHC

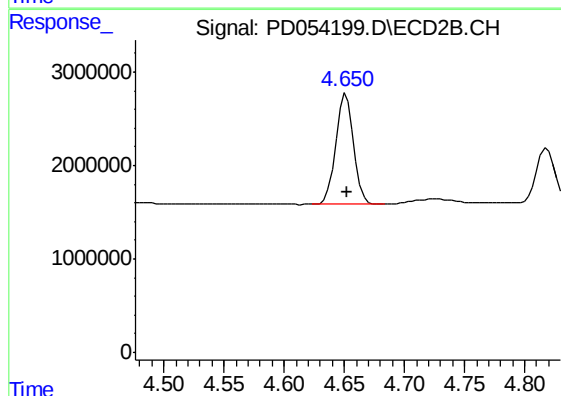
R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 12560717
Conc: 9.96 ng/ml



#3 gamma-BHC (Lindane)

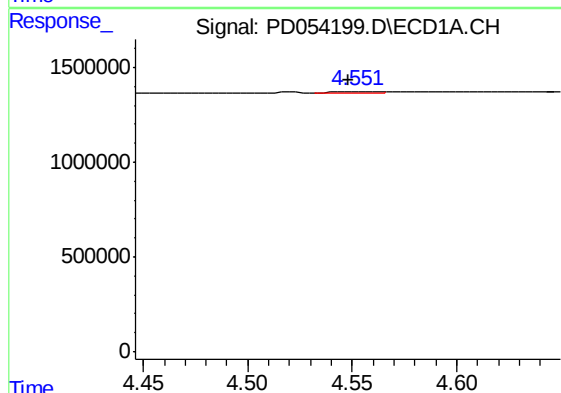
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 8885446
Conc: 10.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



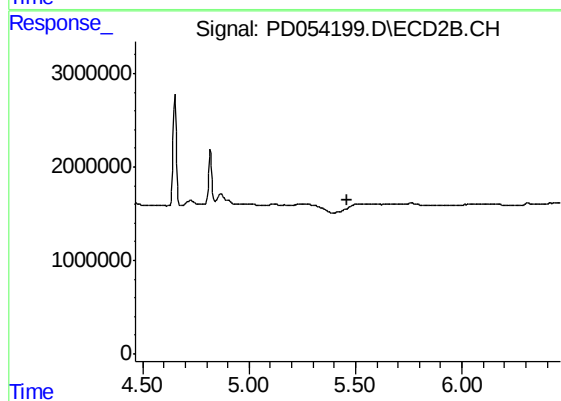
#3 gamma-BHC (Lindane)

R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 12359261
Conc: 10.08 ng/ml



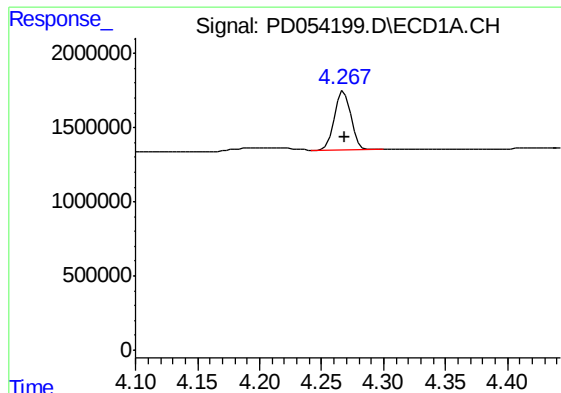
#5 Aldrin

R.T.: 4.553 min
Delta R.T.: 0.005 min
Response: 74909
Conc: 0.09 ng/ml



#5 Aldrin

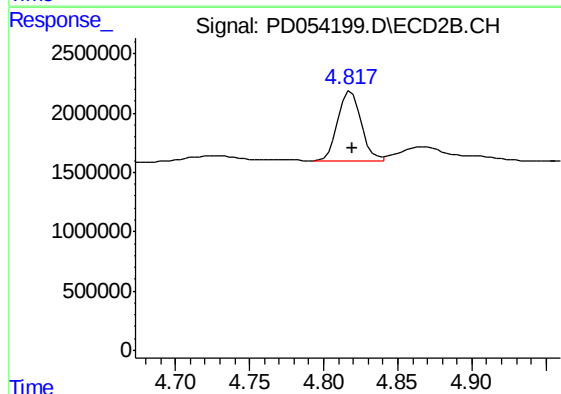
R.T.: 0.000 min
Exp R.T.: 5.464 min
Response: 0
Conc: N.D.



#6 beta-BHC

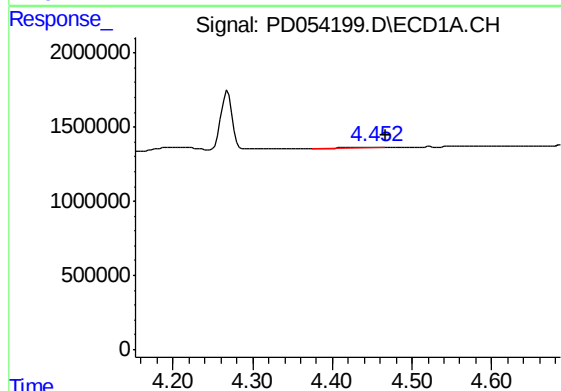
R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 3751586
Conc: 10.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



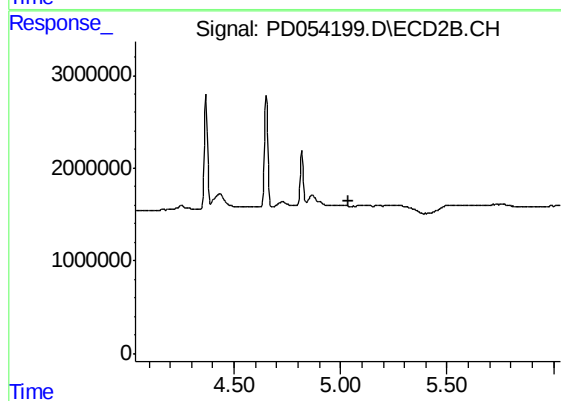
#6 beta-BHC

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 6347209
Conc: 11.34 ng/ml



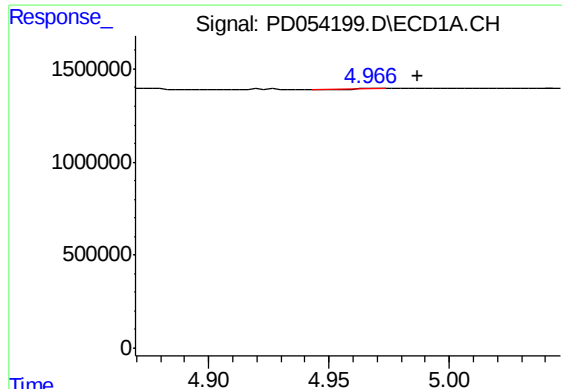
#7 delta-BHC

R.T.: 4.453 min
Delta R.T.: -0.013 min
Response: 160924
Conc: 0.19 ng/ml



#7 delta-BHC

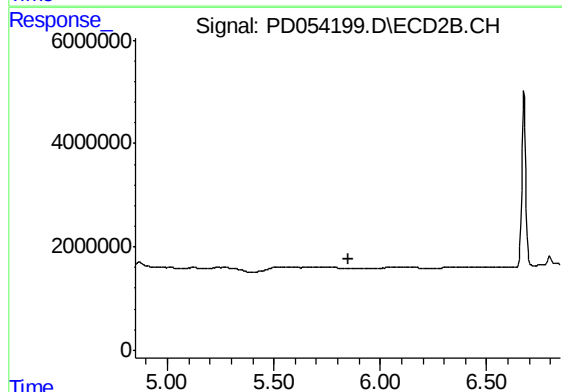
R.T.: 0.000 min
Exp R.T. : 5.036 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

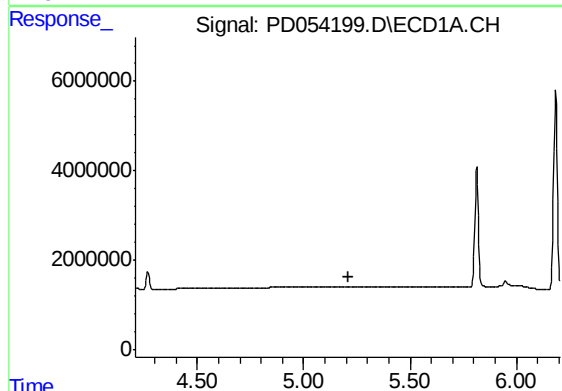
R.T.: 4.968 min
Delta R.T.: -0.018 min
Response: 4469
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



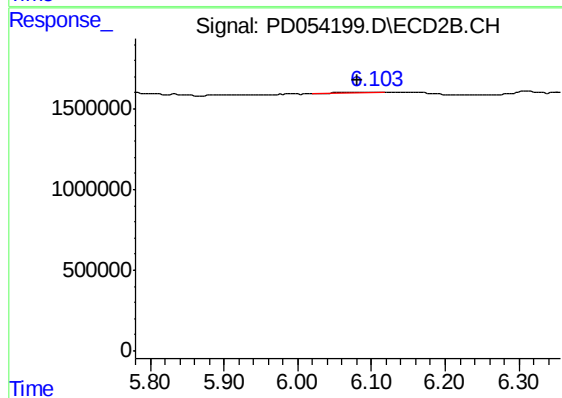
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.848 min
Response: 0
Conc: N.D.



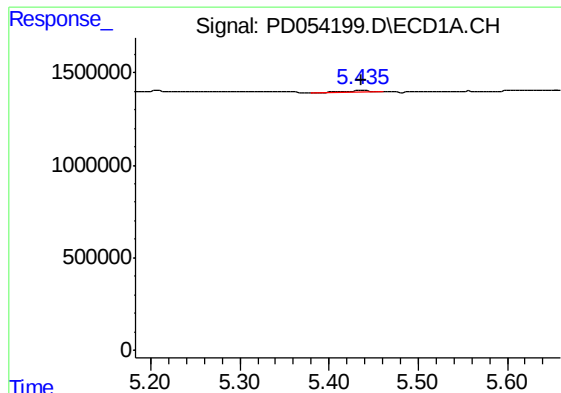
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.210 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

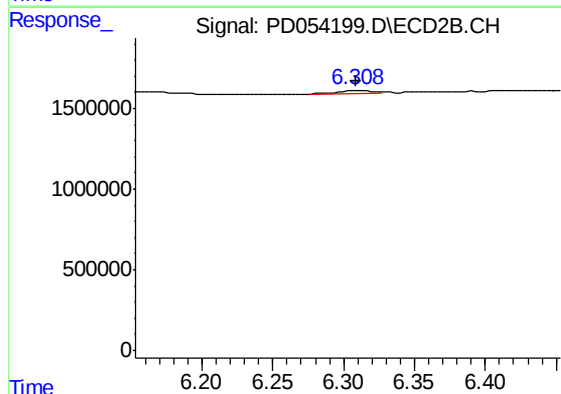
R.T.: 6.105 min
Delta R.T.: 0.024 min
Response: 132122
Conc: 0.10 ng/ml



#12 4,4'-DDE

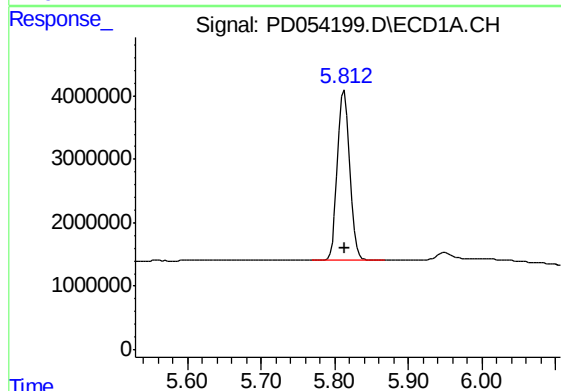
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 142627
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



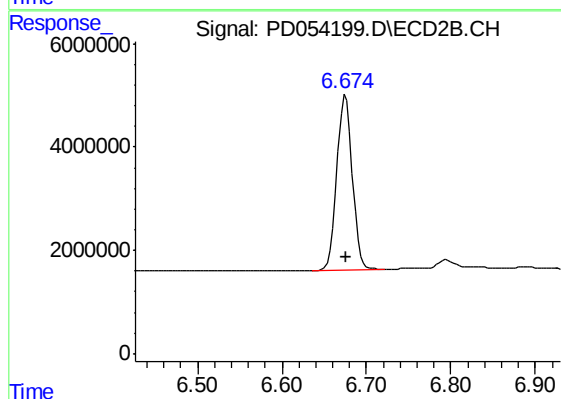
#12 4,4'-DDE

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 287740
Conc: 0.23 ng/ml



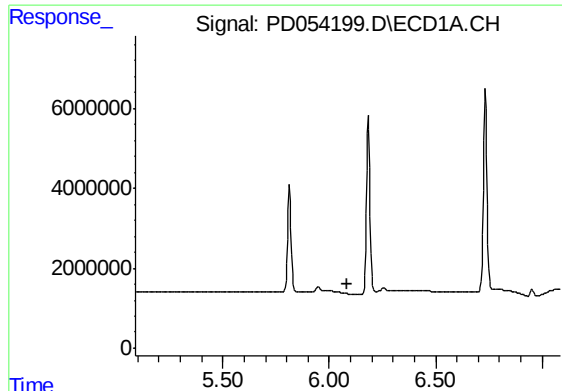
#14 Endrin

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 30792060
Conc: 41.12 ng/ml



#14 Endrin

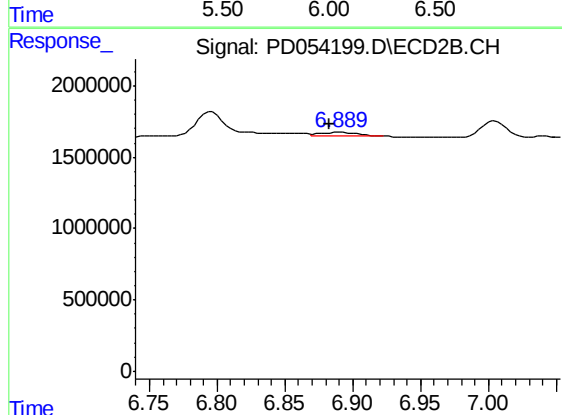
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 43296998
Conc: 41.31 ng/ml



#15 Endosulfan II

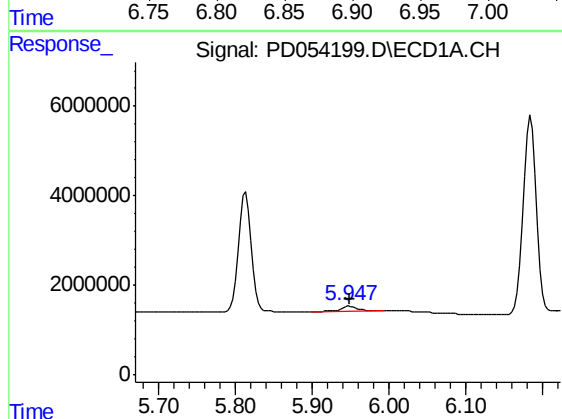
R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



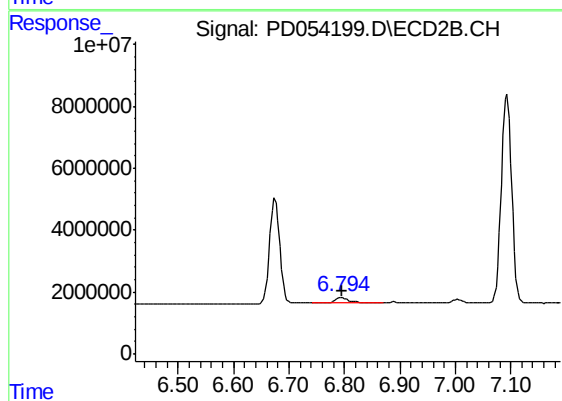
#15 Endosulfan II

R.T.: 6.890 min
Delta R.T.: 0.008 min
Response: 516200
Conc: 0.45 ng/ml



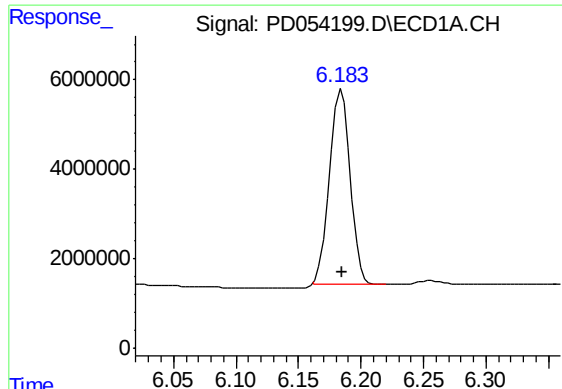
#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 1335466
Conc: 2.23 ng/ml



#16 4,4'-DDD

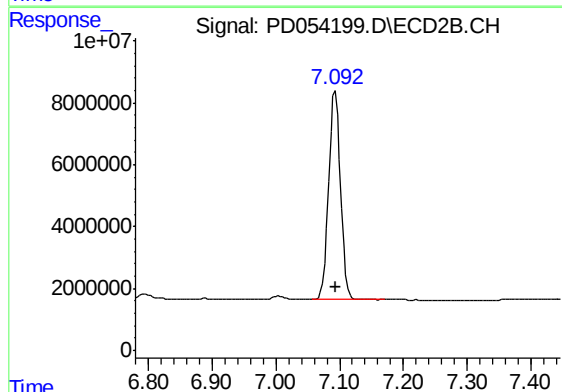
R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 3134654
Conc: 3.10 ng/ml



#17 4,4'-DDT

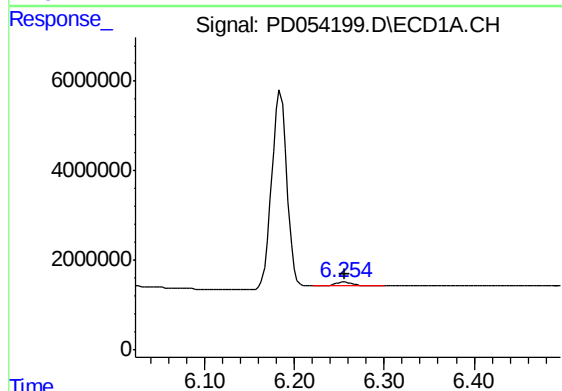
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 50505683
Conc: 87.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



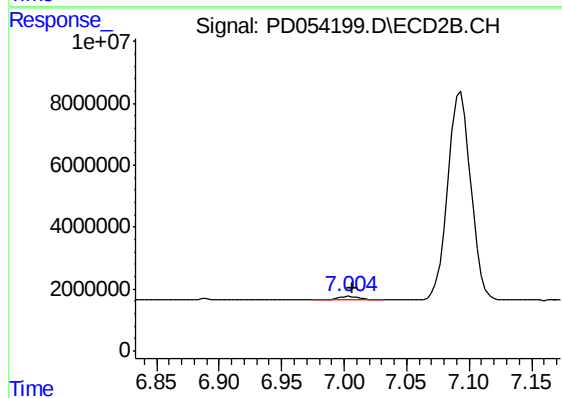
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 86832547
Conc: 88.14 ng/ml



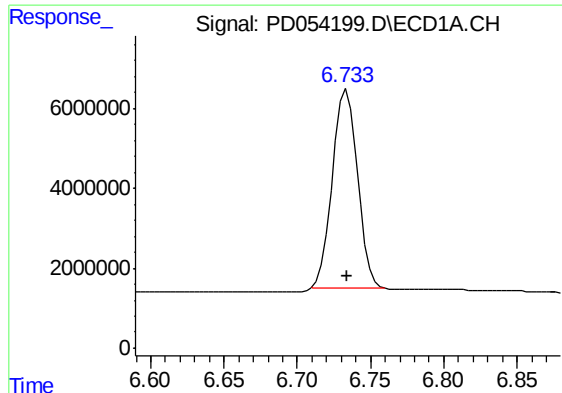
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 1094036
Conc: 1.72 ng/ml



#18 Endrin aldehyde

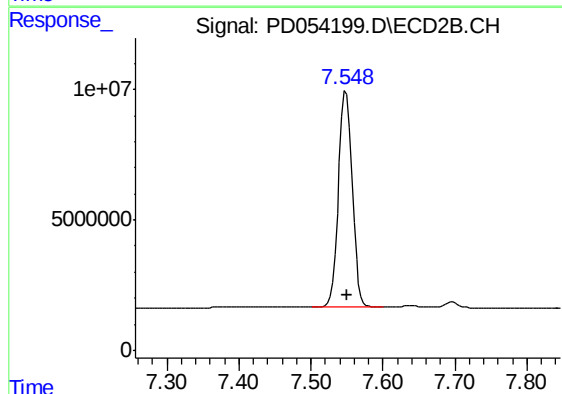
R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 1591745
Conc: 1.60 ng/ml



#20 Methoxychlor

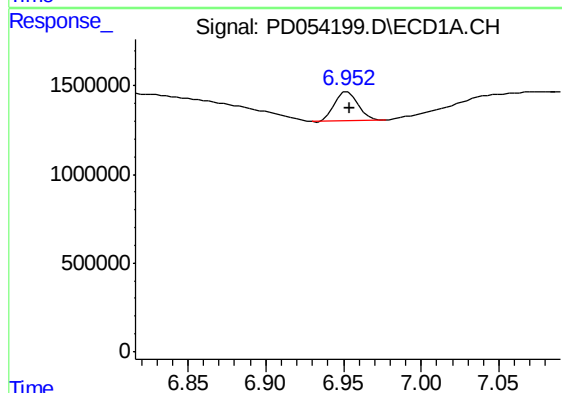
R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 59386889
Conc: 207.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



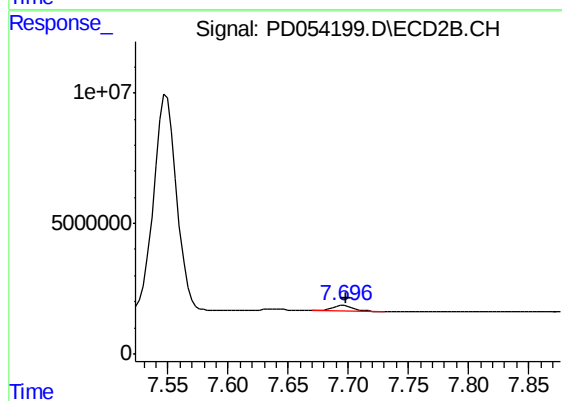
#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: -0.001 min
Response: 110446313
Conc: 205.84 ng/ml



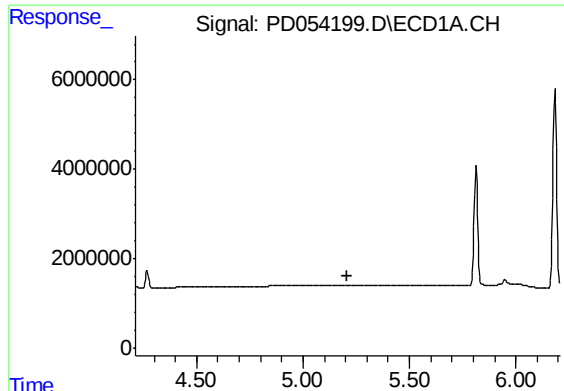
#21 Endrin ketone

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 1760594
Conc: 2.20 ng/ml



#21 Endrin ketone

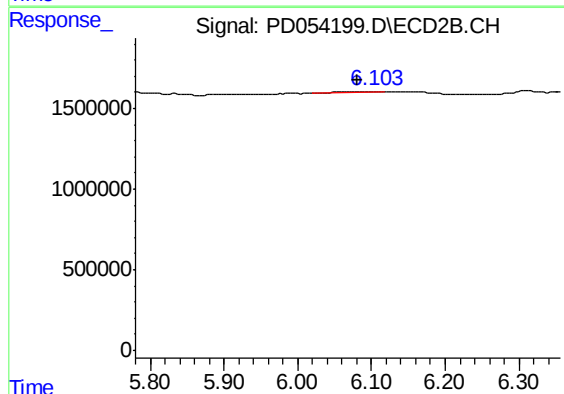
R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 2804150
Conc: 2.31 ng/ml



#25 Chlordane-3

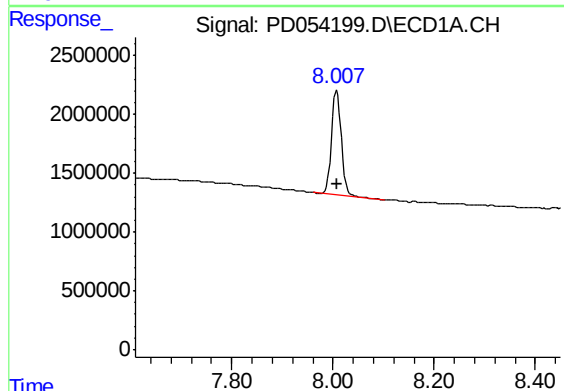
R.T.: 0.000 min
Exp R.T.: 5.210 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



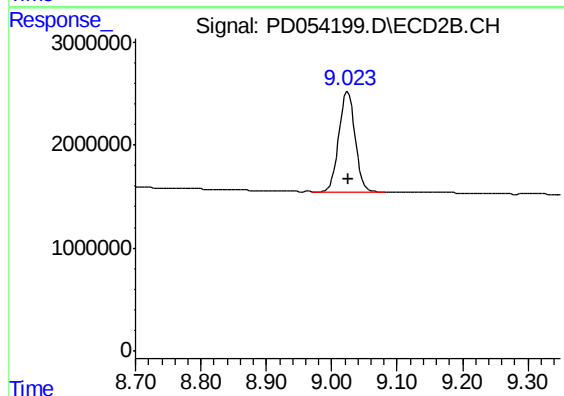
#25 Chlordane-3

R.T.: 6.105 min
Delta R.T.: 0.024 min
Response: 132122
Conc: 0.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 12073006
Conc: 17.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 16741195
Conc: 18.06 ng/ml