

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112619\
 Data File : PD056189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2019 09:37
 Operator : SG\AJ
 Sample : PEM34
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM34

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 00:26:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 02 07:20:38 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.292	3.961	16310349	23998708	21.667	22.901
27)	SA Decachlor...	7.967	8.998	18529453	24703146	22.732	21.754
Target Compounds							
2)	A alpha-BHC	3.720	4.347	11627766	16497503	11.043	11.577
3)	MA gamma-BHC...	3.996	4.630	10705240	15797136	10.466	11.213
4)	MA Heptachlor	4.245f	0.000	5149178	0	5.438	N.D. #
6)	B beta-BHC	4.245	4.799	5149178	8513976	11.384	12.169
10)	B trans-Chl...	0.000	6.038	0	106015	N.D.	<MDL
12)	B 4,4'-DDE	0.000	6.287	0	309916	N.D.	0.230
13)	MA Dieldrin	0.000	6.453	0	97096	N.D.	<MDL
14)	MA Endrin	5.781	6.652	38410925	63766773	47.880	55.387
15)	B Endosulfa...	0.000	6.870	0	705363	N.D.	0.545
17)	MA 4,4'-DDT	6.151	7.073	72195456	119.9E6	111.409	110.294
18)	B Endrin al...	6.151f	6.984	72195456	130438	101.060	0.120 #
20)	A Methoxychlor	6.699	7.529	71224451	144.7E6	190.412	232.204
21)	B Endrin ke...	0.000	7.675	0	876305	N.D.	0.664
22)	Toxaphene-1	0.000	6.359	0	52211	N.D.	5.085
23)	Toxaphene-2	0.000	6.652	0	63766773	N.D.	5312.710
24)	Toxaphene-3	0.000	7.022	0	118374	N.D.	6.387
25)	Toxaphene-4	6.151	7.073	72195456	119.9E6	3165.592	2327.887 #
26)	Toxaphene-5	0.000	7.614	0	359373	N.D.	14.788

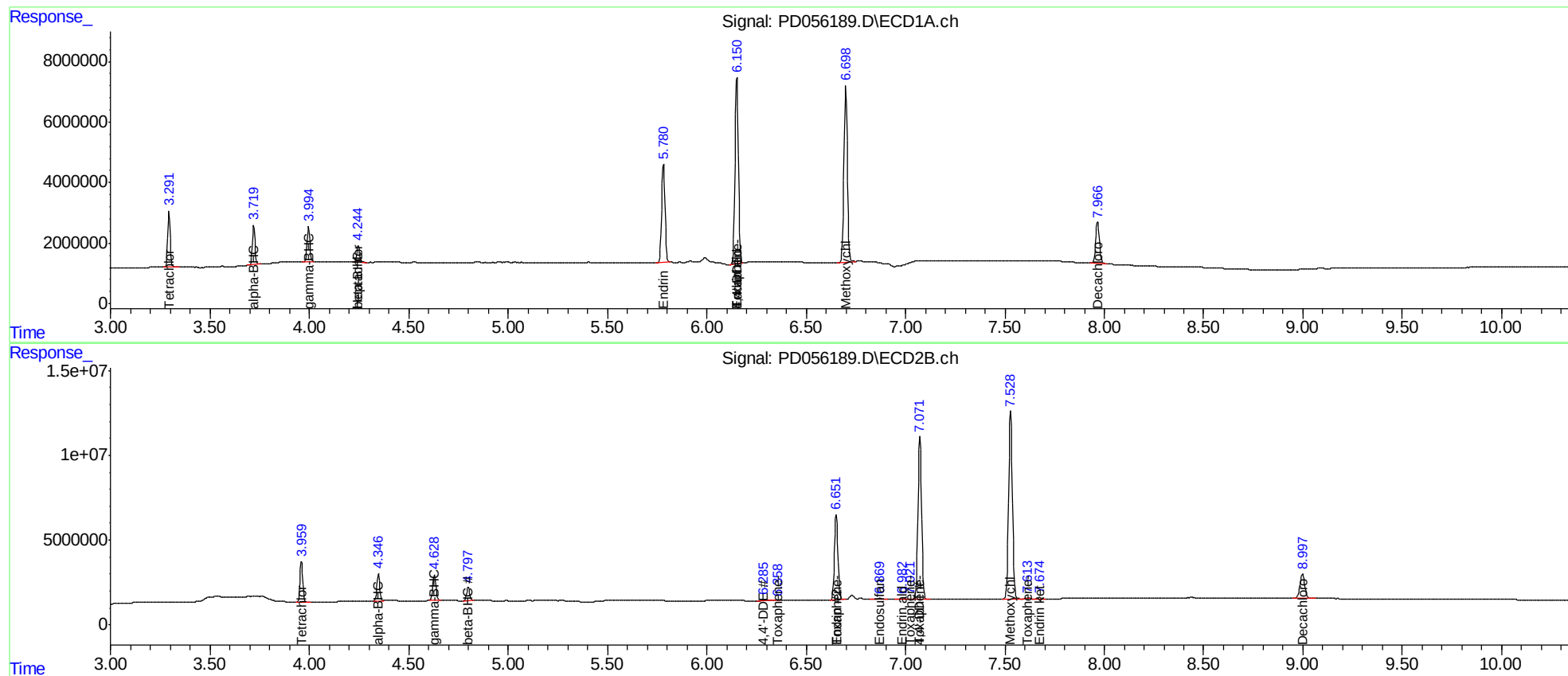
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

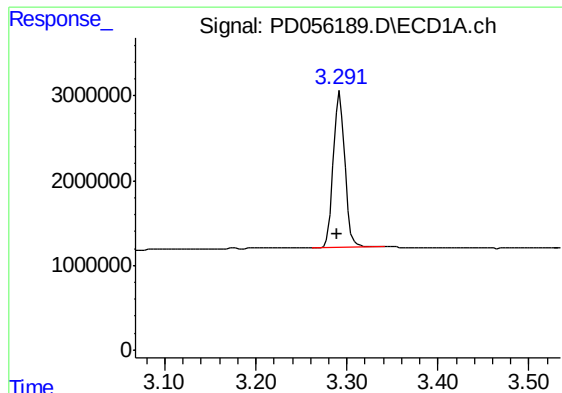
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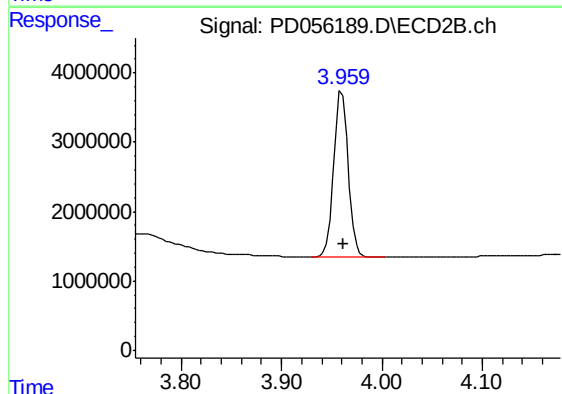




#1 Tetrachloro-m-xylene

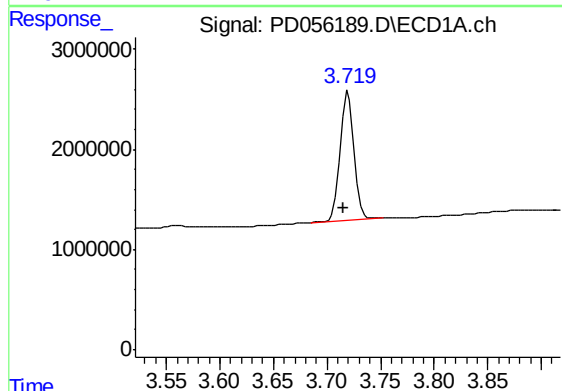
R.T.: 3.292 min
Delta R.T.: 0.003 min
Response: 16310349
Conc: 21.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM34



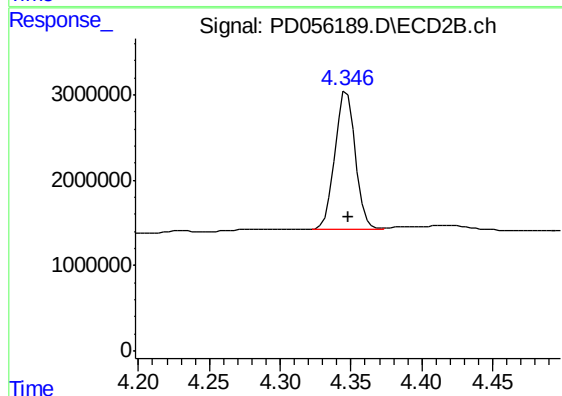
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: -0.001 min
Response: 23998708
Conc: 22.90 ng/ml



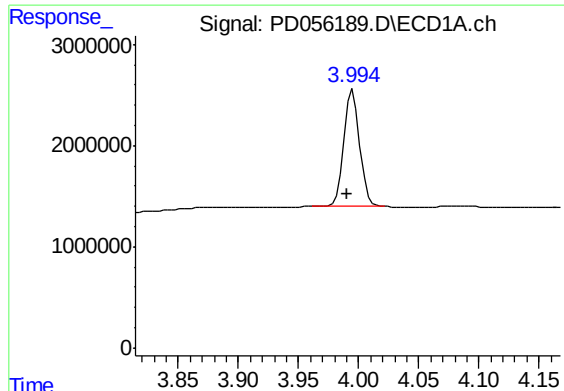
#2 alpha-BHC

R.T.: 3.720 min
Delta R.T.: 0.004 min
Response: 11627766
Conc: 11.04 ng/ml



#2 alpha-BHC

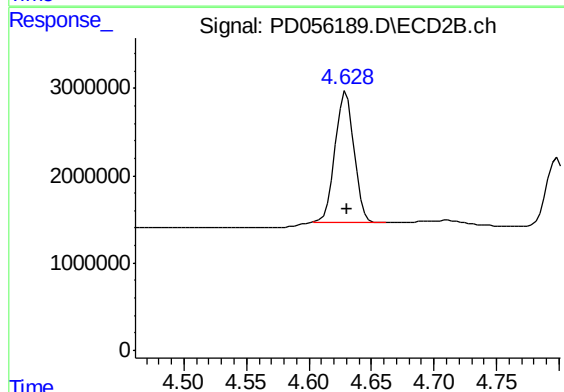
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 16497503
Conc: 11.58 ng/ml



#3 gamma-BHC (Lindane)

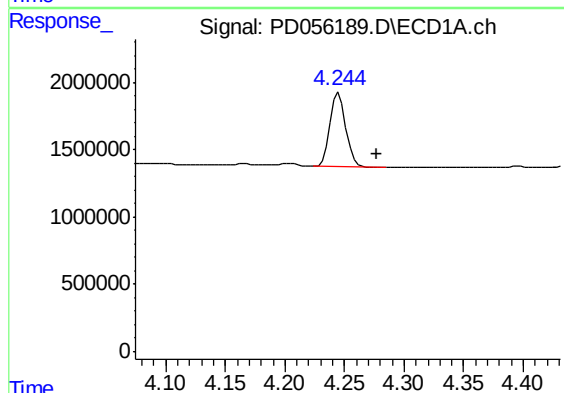
R.T.: 3.996 min
Delta R.T.: 0.005 min
Response: 10705240
Conc: 10.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM34



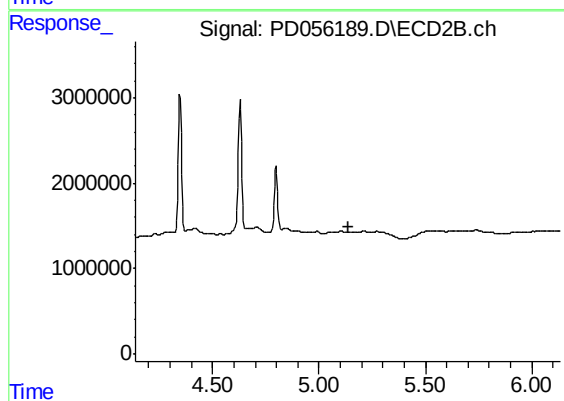
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: -0.001 min
Response: 15797136
Conc: 11.21 ng/ml



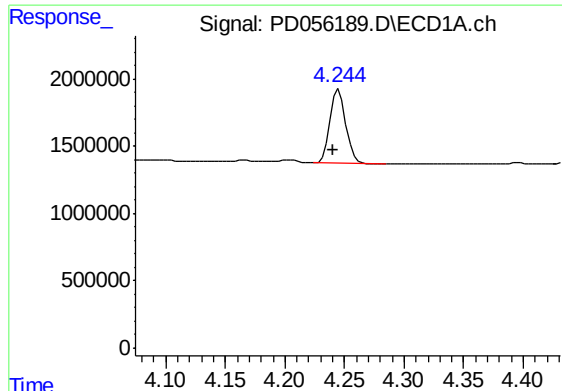
#4 Heptachlor

R.T.: 4.245 min
Delta R.T.: -0.031 min
Response: 5149178
Conc: 5.44 ng/ml



#4 Heptachlor

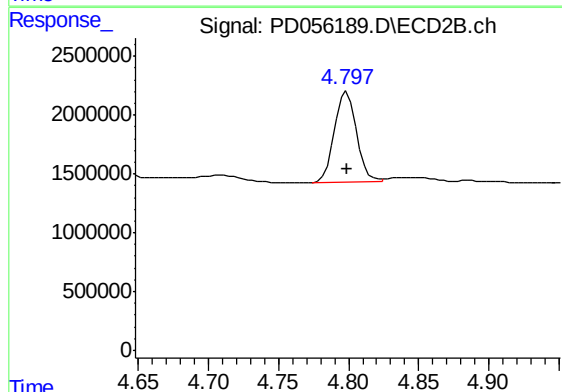
R.T.: 0.000 min
Exp R.T. : 5.137 min
Response: 0
Conc: N.D.



#6 beta-BHC

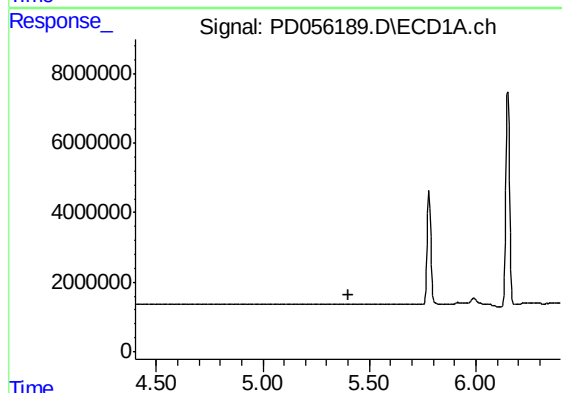
R.T.: 4.245 min
Delta R.T.: 0.005 min
Response: 5149178
Conc: 11.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM34



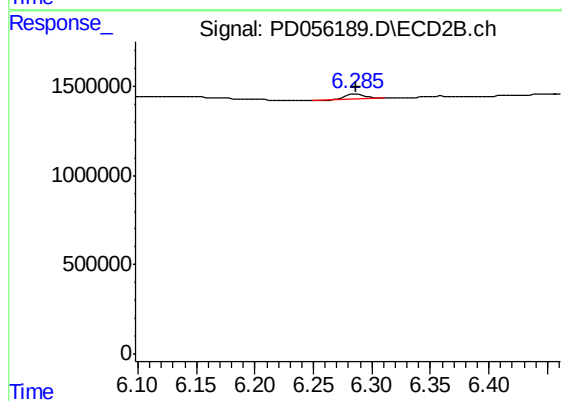
#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 8513976
Conc: 12.17 ng/ml



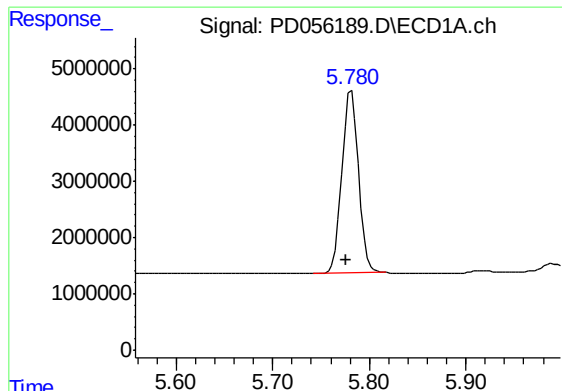
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.400 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

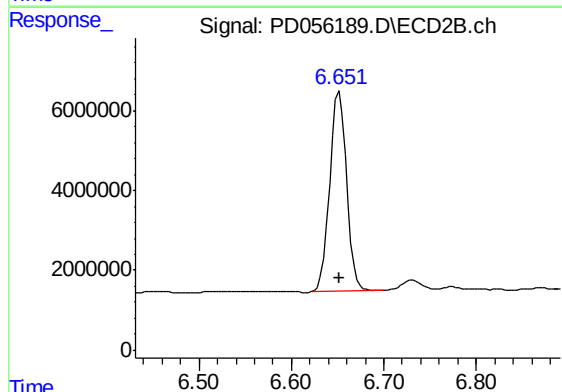
R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 309916
Conc: 0.23 ng/ml



#14 Endrin

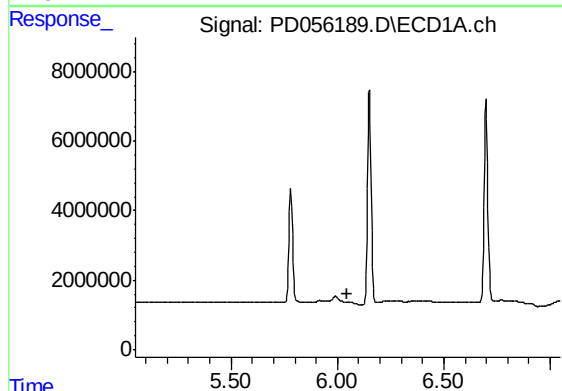
R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 38410925
Conc: 47.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM34



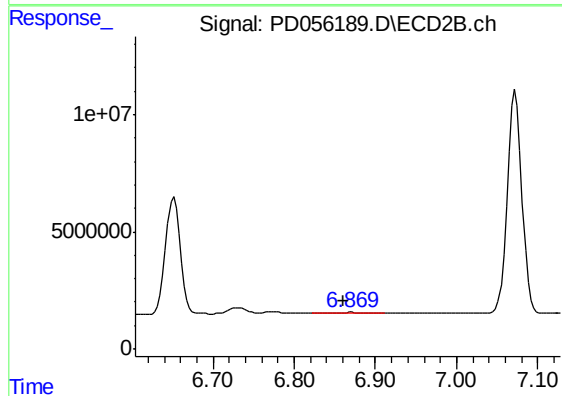
#14 Endrin

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 63766773
Conc: 55.39 ng/ml



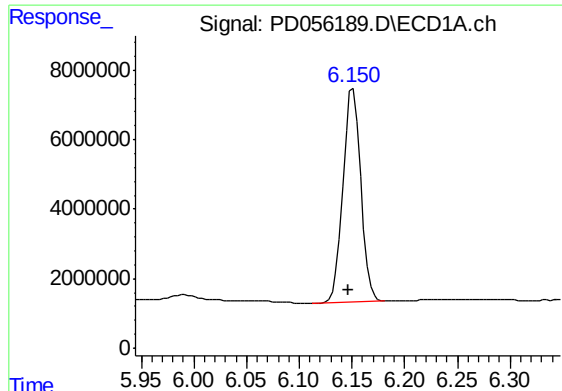
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.049 min
Response: 0
Conc: N.D.



#15 Endosulfan II

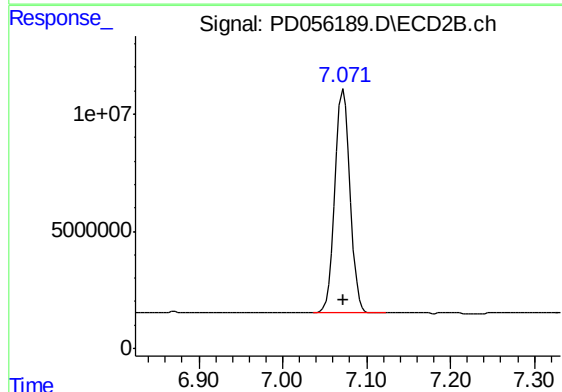
R.T.: 6.870 min
Delta R.T.: 0.010 min
Response: 705363
Conc: 0.54 ng/ml



#17 4,4'-DDT

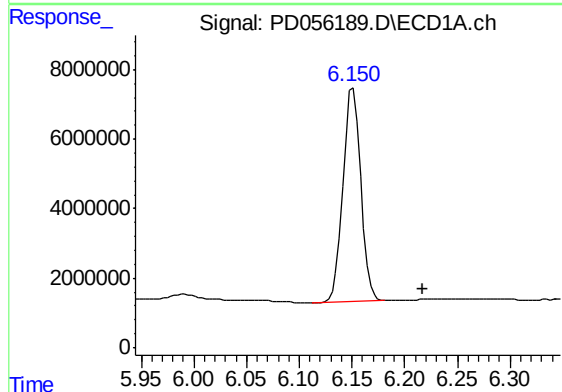
R.T.: 6.151 min
Delta R.T.: 0.005 min
Response: 72195456
Conc: 111.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM34



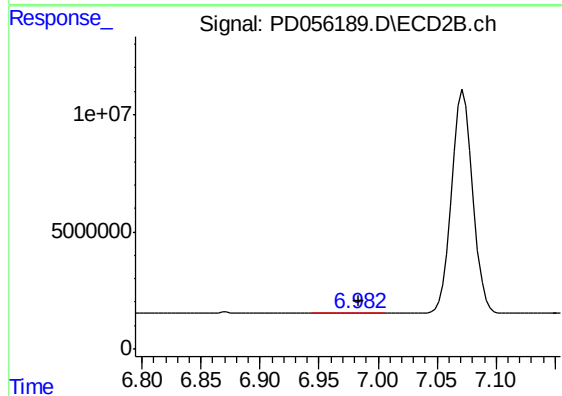
#17 4,4'-DDT

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 119931190
Conc: 110.29 ng/ml



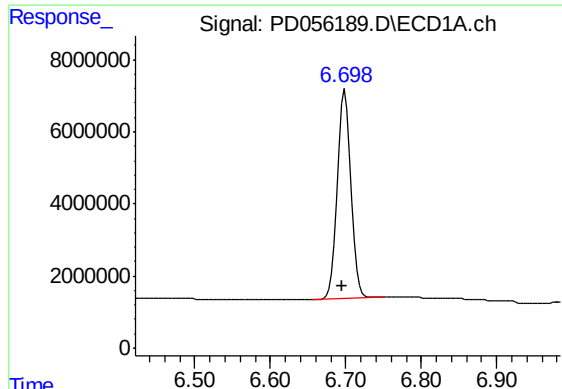
#18 Endrin aldehyde

R.T.: 6.151 min
Delta R.T.: -0.066 min
Response: 72195456
Conc: 101.06 ng/ml



#18 Endrin aldehyde

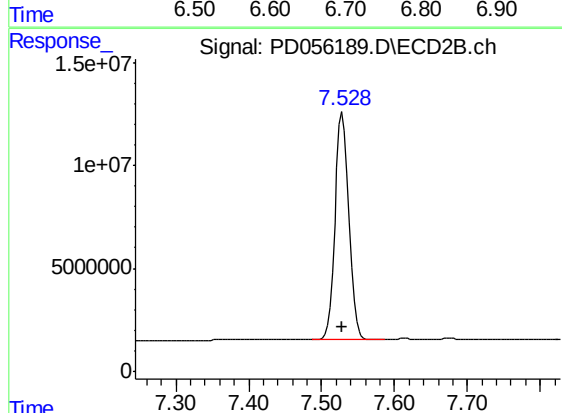
R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 130438
Conc: 0.12 ng/ml



#20 Methoxychlor

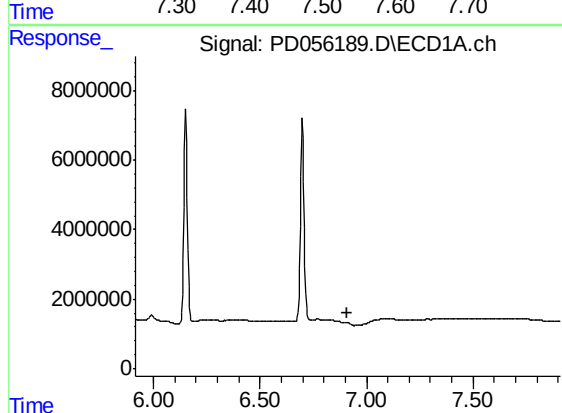
R.T.: 6.699 min
Delta R.T.: 0.004 min
Response: 71224451
Conc: 190.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM34



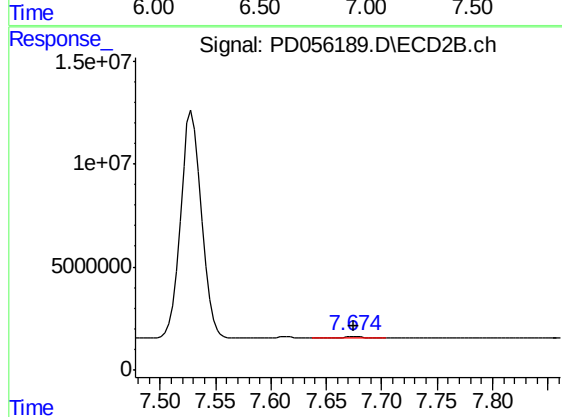
#20 Methoxychlor

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 144730709
Conc: 232.20 ng/ml



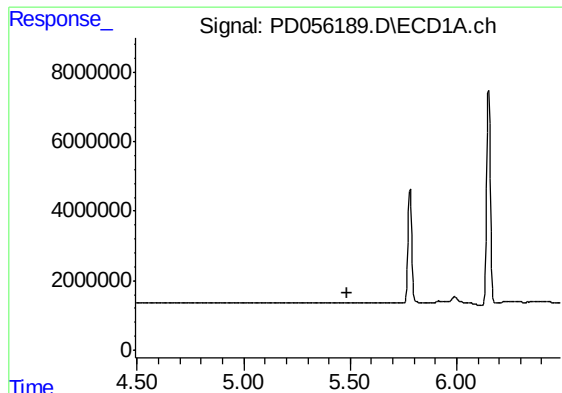
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.



#21 Endrin ketone

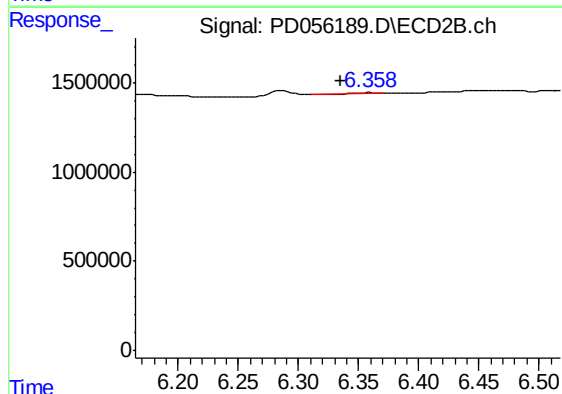
R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 876305
Conc: 0.66 ng/ml



#22 Toxaphene-1

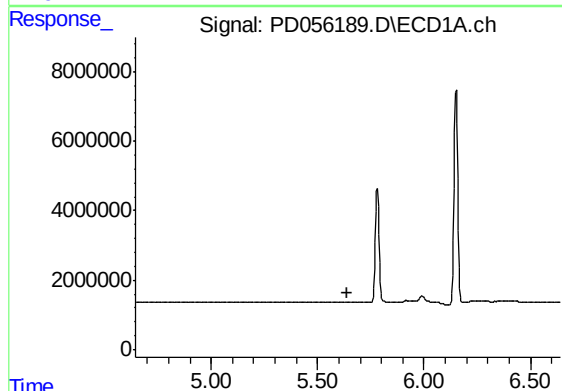
R.T.: 0.000 min
Exp R.T.: 5.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM34



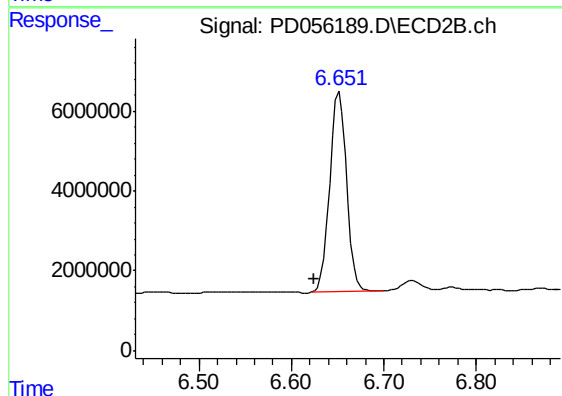
#22 Toxaphene-1

R.T.: 6.359 min
Delta R.T.: 0.024 min
Response: 52211
Conc: 5.09 ng/ml



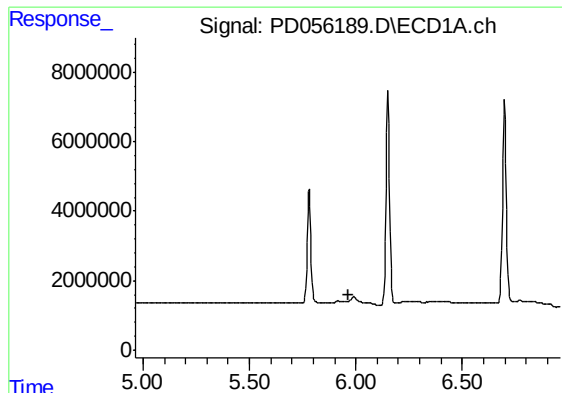
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T.: 5.643 min
Response: 0
Conc: N.D.



#23 Toxaphene-2

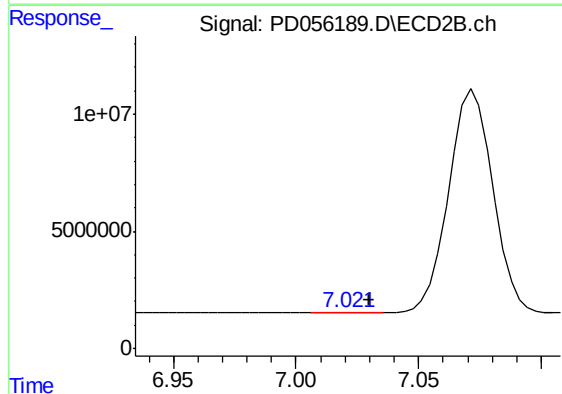
R.T.: 6.652 min
Delta R.T.: 0.027 min
Response: 63766773
Conc: 5312.71 ng/ml



#24 Toxaphene-3

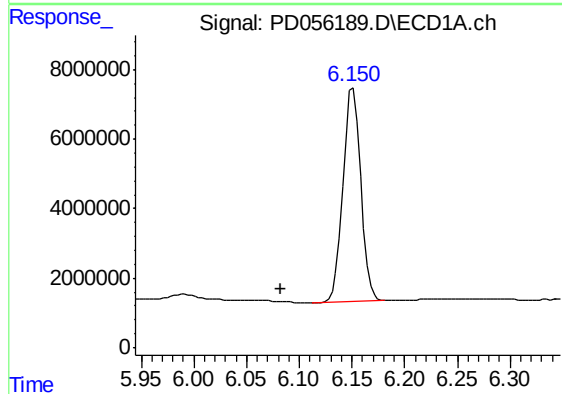
R.T.: 0.000 min
Exp R.T.: 5.964 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM34



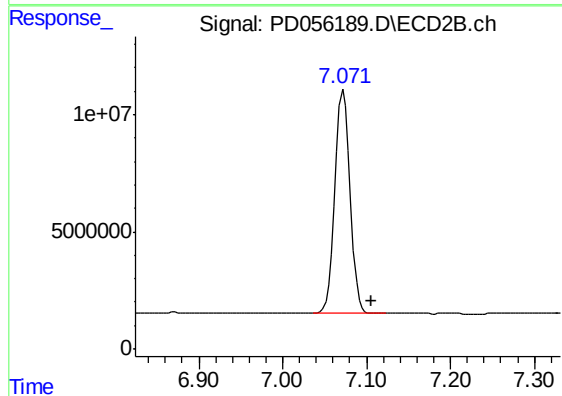
#24 Toxaphene-3

R.T.: 7.022 min
Delta R.T.: -0.008 min
Response: 118374
Conc: 6.39 ng/ml



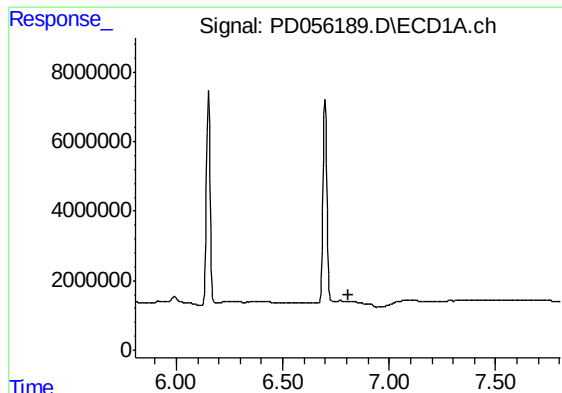
#25 Toxaphene-4

R.T.: 6.151 min
Delta R.T.: 0.069 min
Response: 72195456
Conc: 3165.59 ng/ml



#25 Toxaphene-4

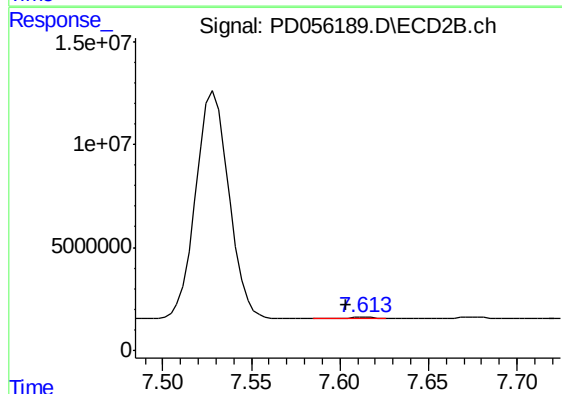
R.T.: 7.073 min
Delta R.T.: -0.034 min
Response: 119931190
Conc: 2327.89 ng/ml



#26 Toxaphene-5

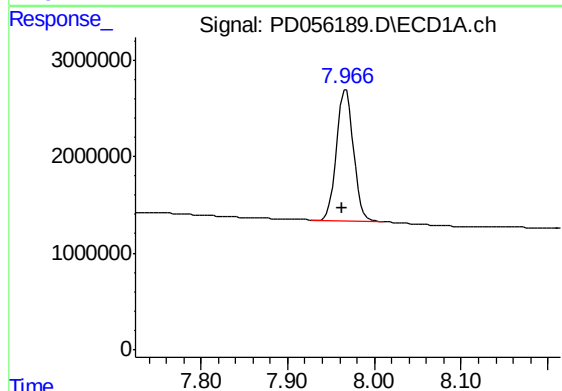
R.T.: 0.000 min
Exp R.T.: 6.807 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM34



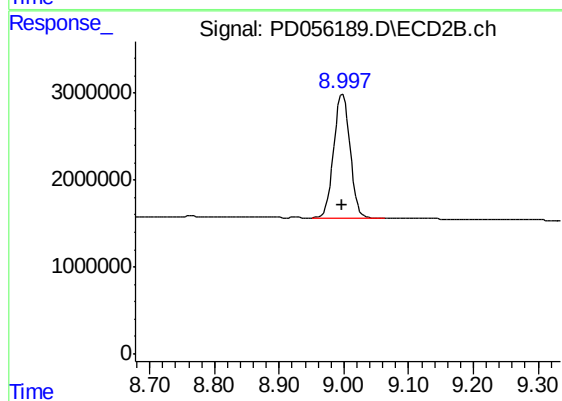
#26 Toxaphene-5

R.T.: 7.614 min
Delta R.T.: 0.011 min
Response: 359373
Conc: 14.79 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.967 min
Delta R.T.: 0.004 min
Response: 18529453
Conc: 22.73 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.001 min
Response: 24703146
Conc: 21.75 ng/ml