

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121319\
 Data File : PD056458.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2019 22:52
 Operator : SG\AJ
 Sample : PEM49
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM49

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 23:44:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120219CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 03 08:51:13 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...	3.294	3.961	13917130	21449294	16.804	17.841
27)	SA Decachlor...	7.970	9.001	17103389	22880476	18.941	19.017
Target Compounds							
2)	A alpha-BHC	3.721	4.348	10303912	15630533	8.752	9.371
3)	MA gamma-BHC...	3.997	4.631	9587140	16849479	8.538	10.441
4)	MA Heptachlor	4.247f	0.000	4257080	0	4.224	N.D. #
5)	MB Aldrin	0.000	5.489f	0	1112063	N.D.	0.677
6)	B beta-BHC	4.247	4.800	4257080	32315734	7.909	39.214 #
12)	B 4,4'-DDE	0.000	6.289	0	783173	N.D.	0.499
14)	MA Endrin	5.783	6.654	39344362	53819883	47.080	42.526
16)	A 4,4'-DDD	0.000	6.776	0	237346	N.D.	0.202
17)	MA 4,4'-DDT	6.154	7.075	69255329	112.9E6	98.424	95.528
18)	B Endrin al...	6.154f	6.986	69255329	1288143	87.126	1.059 #
20)	A Methoxychlor	6.702	7.532	89503851	146.9E6	264.085	242.507
21)	B Endrin ke...	0.000	7.677	0	2661121	N.D.	1.809
22)	Toxaphene-1	0.000	6.289	0	783173	N.D.	69.758
23)	Toxaphene-2	0.000	6.654	0	53819883	N.D.	3899.891
24)	Toxaphene-3	0.000	7.075	0	112.9E6	N.D.	5740.772
25)	Toxaphene-4	0.000	7.075	0	112.9E6	N.D.	2045.242
26)	Toxaphene-5	0.000	7.619	0	1241962	N.D.	48.592

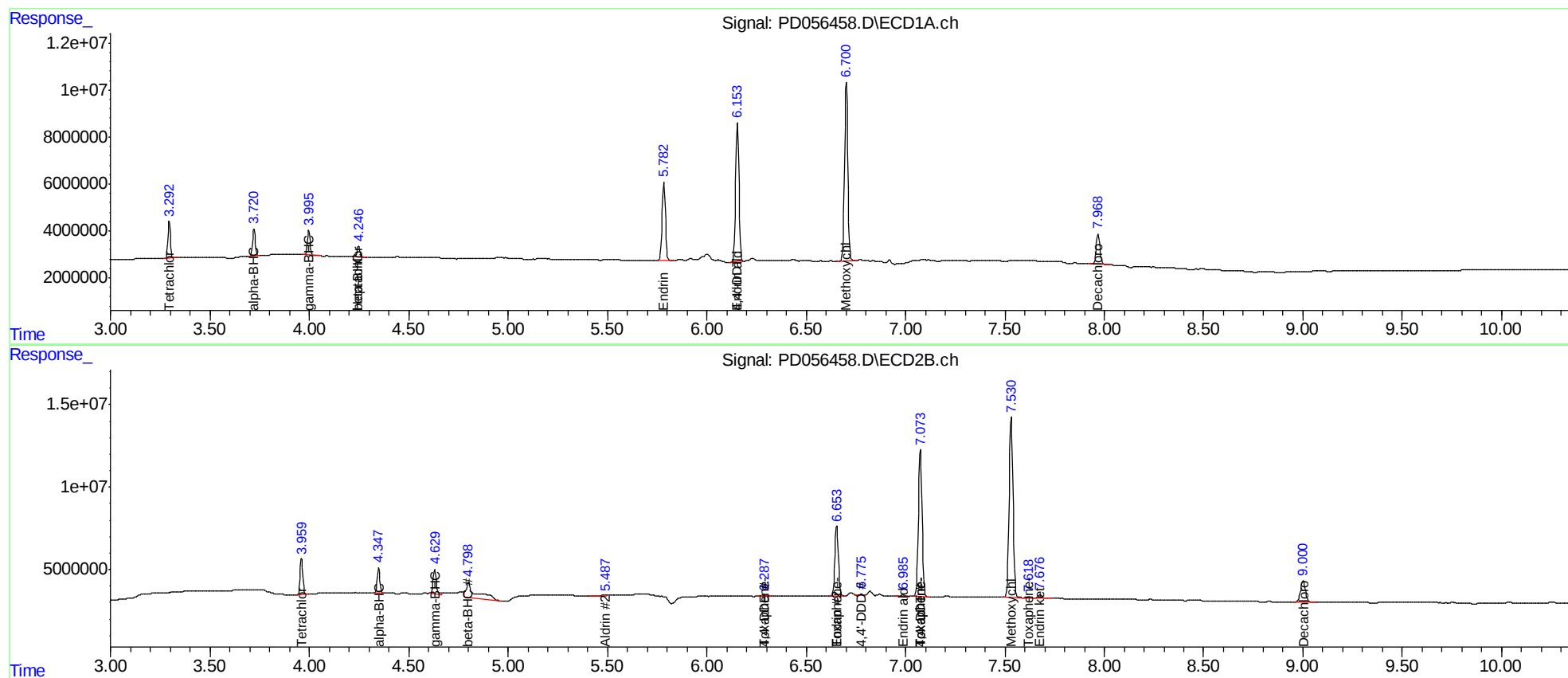
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

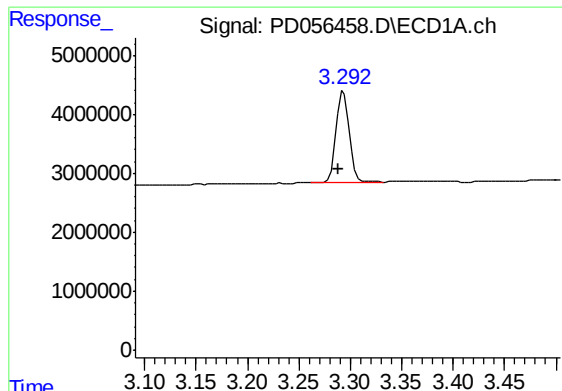
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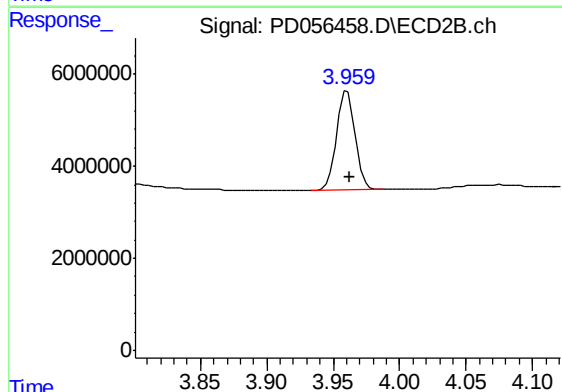




#1 Tetrachloro-m-xylene

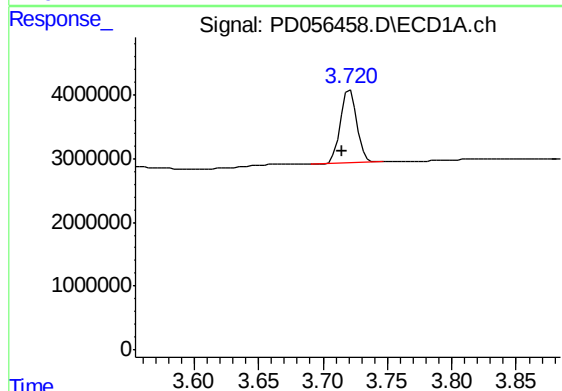
R.T.: 3.294 min
Delta R.T.: 0.006 min
Response: 13917130
Conc: 16.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



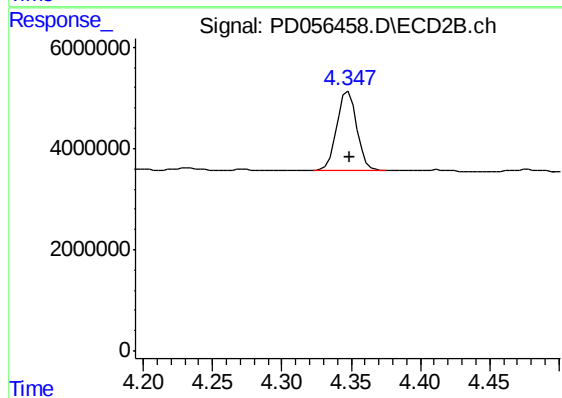
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 21449294
Conc: 17.84 ng/ml



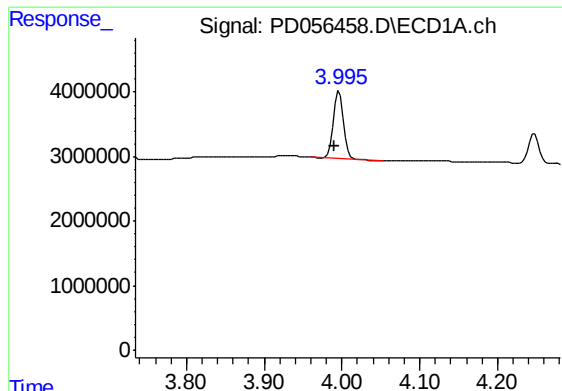
#2 alpha-BHC

R.T.: 3.721 min
Delta R.T.: 0.006 min
Response: 10303912
Conc: 8.75 ng/ml



#2 alpha-BHC

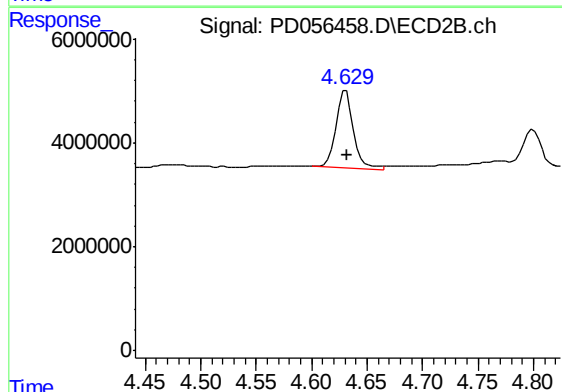
R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 15630533
Conc: 9.37 ng/ml



#3 gamma-BHC (Lindane)

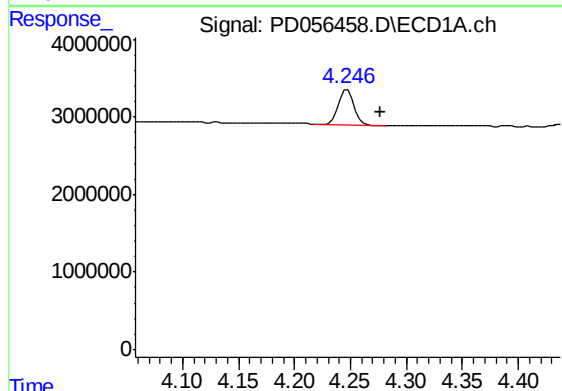
R.T.: 3.997 min
Delta R.T.: 0.006 min
Response: 9587140
Conc: 8.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



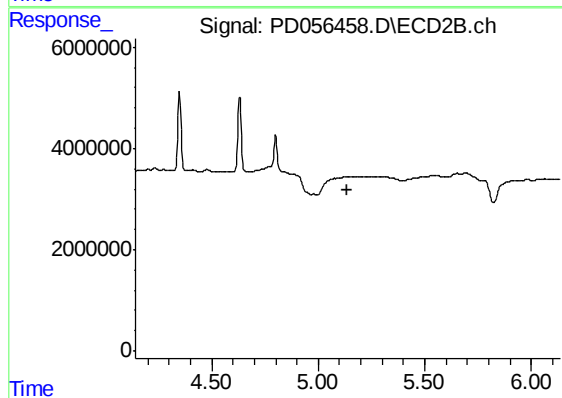
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: -0.001 min
Response: 16849479
Conc: 10.44 ng/ml



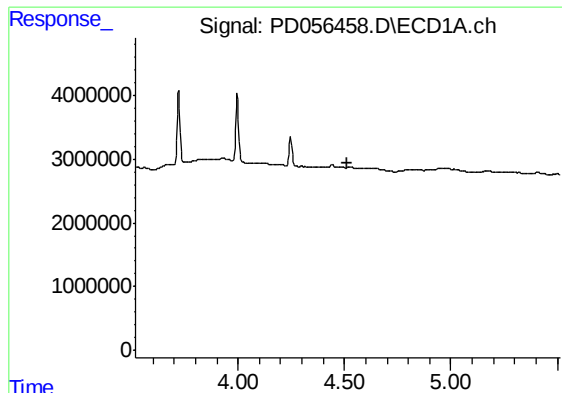
#4 Heptachlor

R.T.: 4.247 min
Delta R.T.: -0.029 min
Response: 4257080
Conc: 4.22 ng/ml



#4 Heptachlor

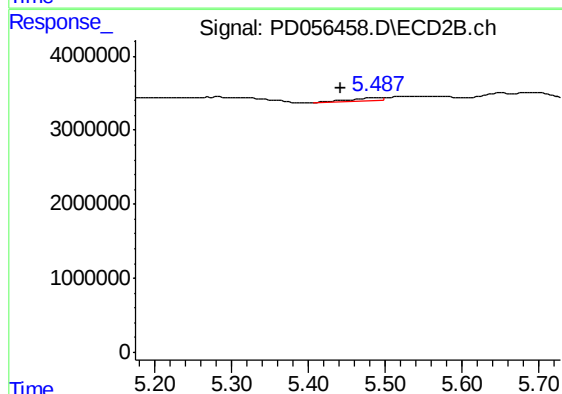
R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



#5 Aldrin

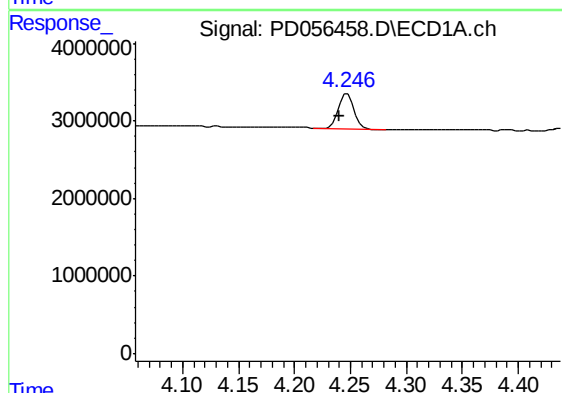
R.T.: 0.000 min
Exp R.T.: 4.516 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM49



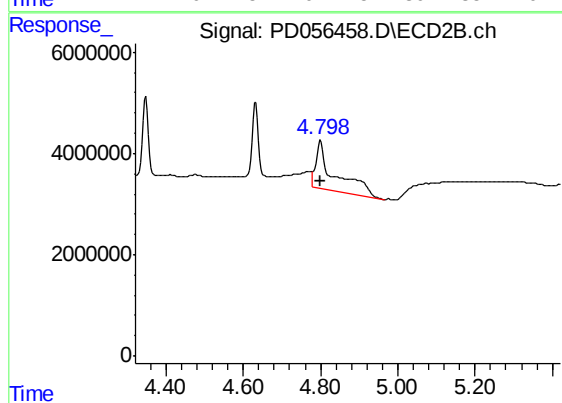
#5 Aldrin

R.T.: 5.489 min
Delta R.T.: 0.046 min
Response: 1112063
Conc: 0.68 ng/ml



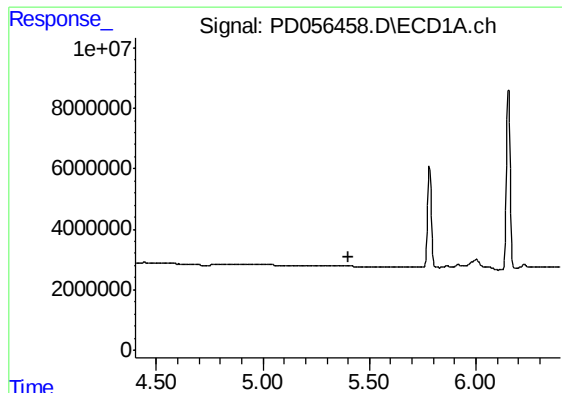
#6 beta-BHC

R.T.: 4.247 min
Delta R.T.: 0.007 min
Response: 4257080
Conc: 7.91 ng/ml



#6 beta-BHC

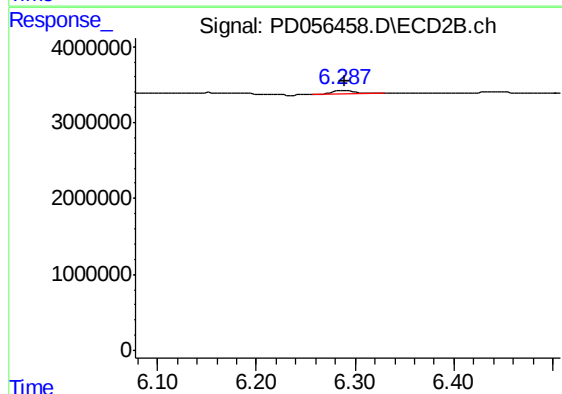
R.T.: 4.800 min
Delta R.T.: -0.001 min
Response: 32315734
Conc: 39.21 ng/ml



#12 4,4'-DDE

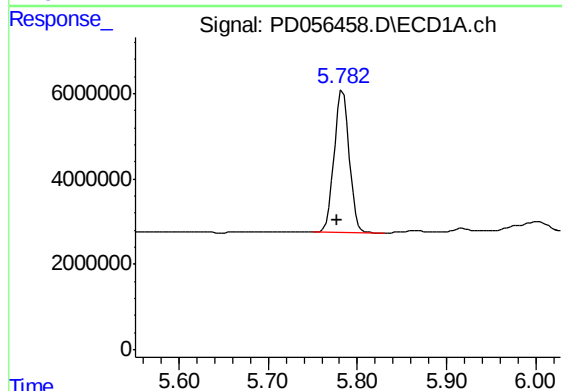
R.T.: 0.000 min
Exp R.T.: 5.401 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM49



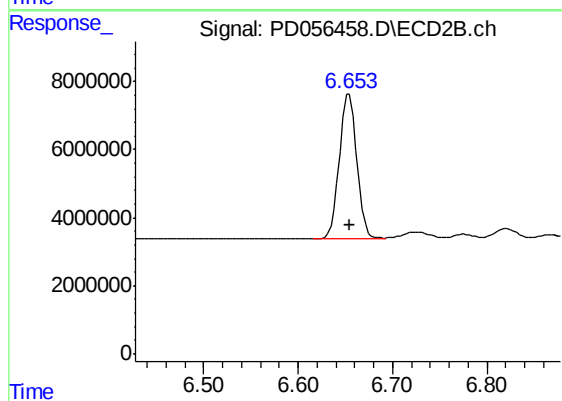
#12 4,4'-DDE

R.T.: 6.289 min
Delta R.T.: 0.000 min
Response: 783173
Conc: 0.50 ng/ml



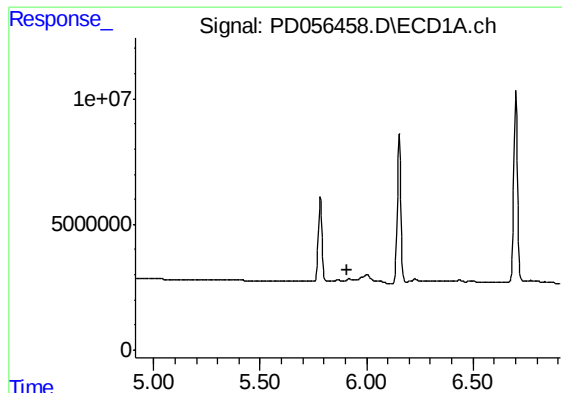
#14 Endrin

R.T.: 5.783 min
Delta R.T.: 0.006 min
Response: 39344362
Conc: 47.08 ng/ml



#14 Endrin

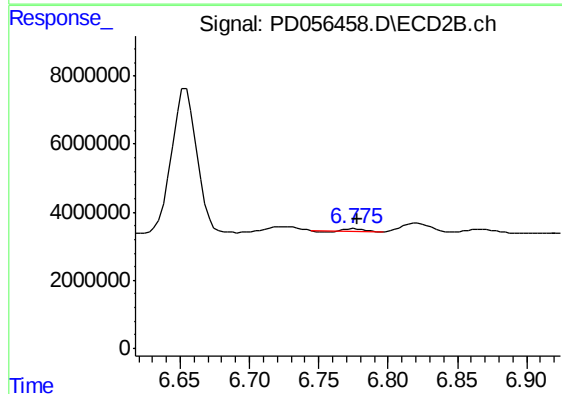
R.T.: 6.654 min
Delta R.T.: -0.001 min
Response: 53819883
Conc: 42.53 ng/ml



#16 4,4'-DDD

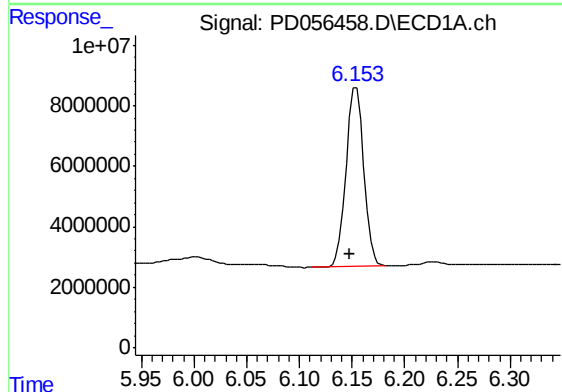
R.T.: 0.000 min
Exp R.T.: 5.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM49



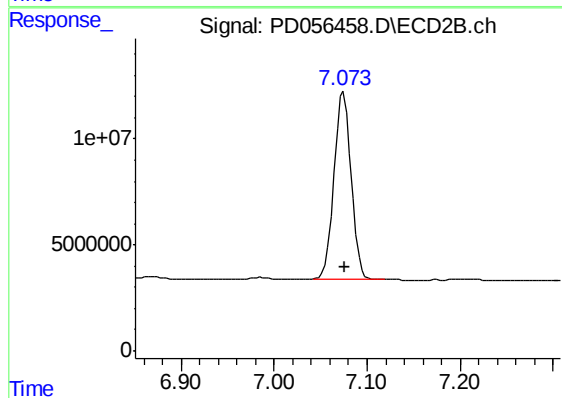
#16 4,4'-DDD

R.T.: 6.776 min
Delta R.T.: -0.001 min
Response: 237346
Conc: 0.20 ng/ml



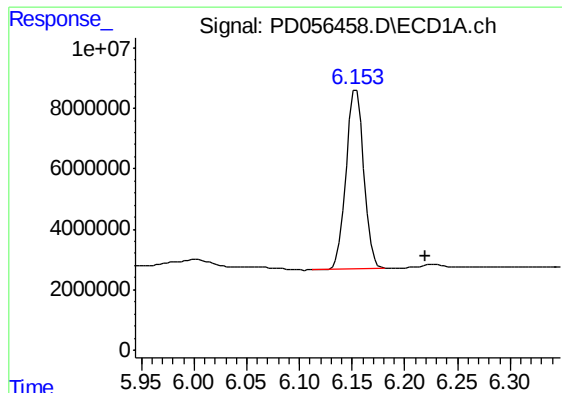
#17 4,4'-DDT

R.T.: 6.154 min
Delta R.T.: 0.007 min
Response: 69255329
Conc: 98.42 ng/ml



#17 4,4'-DDT

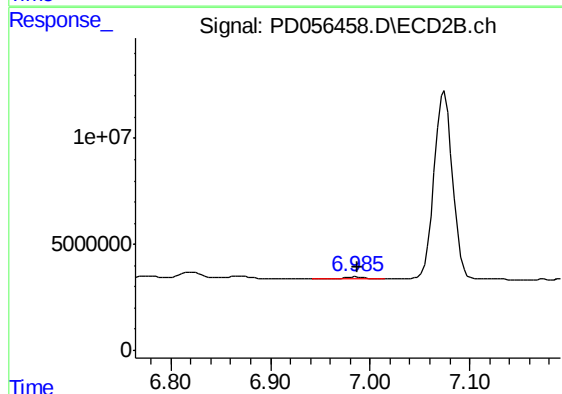
R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 112928855
Conc: 95.53 ng/ml



#18 Endrin aldehyde

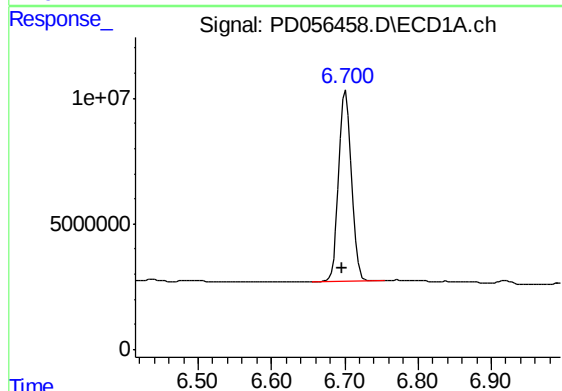
R.T.: 6.154 min
Delta R.T.: -0.065 min
Response: 69255329
Conc: 87.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



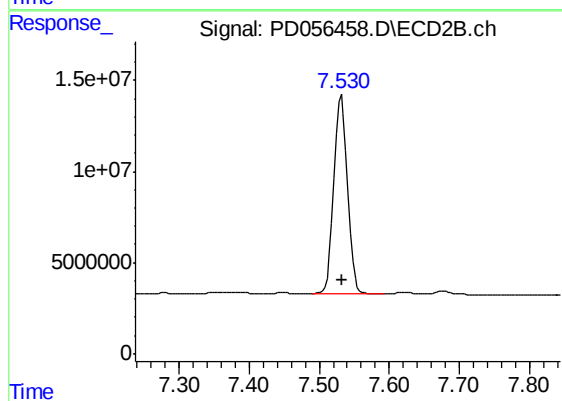
#18 Endrin aldehyde

R.T.: 6.986 min
Delta R.T.: -0.001 min
Response: 1288143
Conc: 1.06 ng/ml



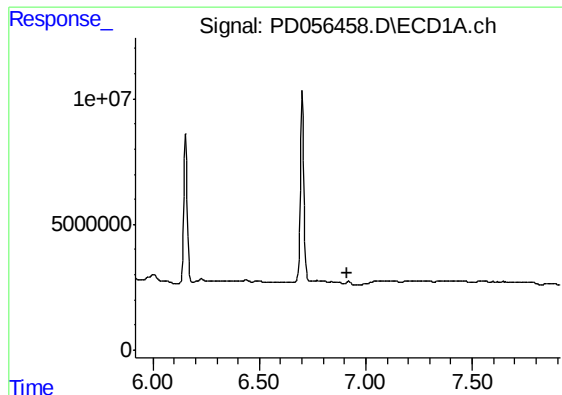
#20 Methoxychlor

R.T.: 6.702 min
Delta R.T.: 0.006 min
Response: 89503851
Conc: 264.08 ng/ml



#20 Methoxychlor

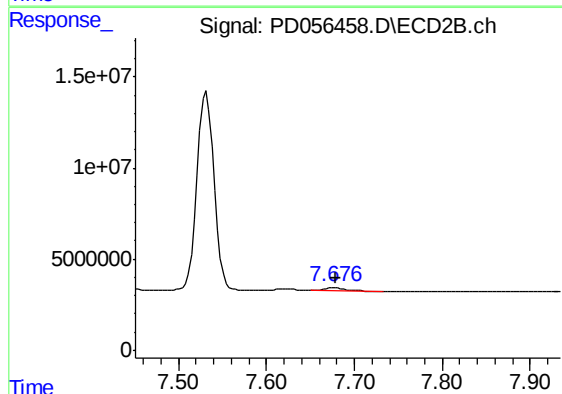
R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 146920980
Conc: 242.51 ng/ml



#21 Endrin ketone

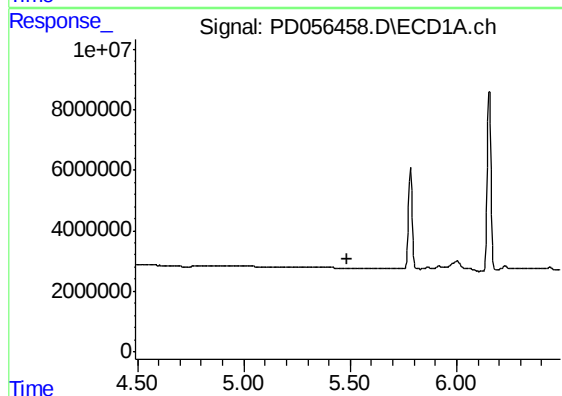
R.T.: 0.000 min
Exp R.T.: 6.915 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM49



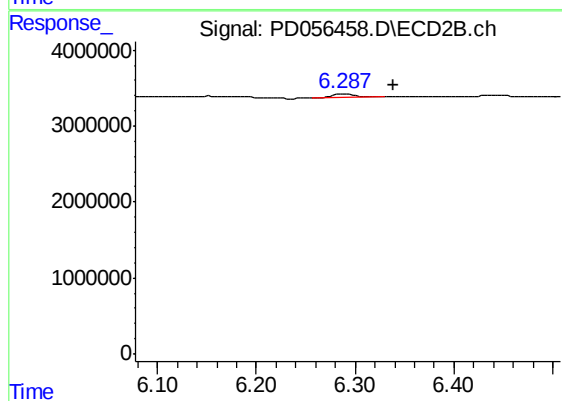
#21 Endrin ketone

R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 2661121
Conc: 1.81 ng/ml



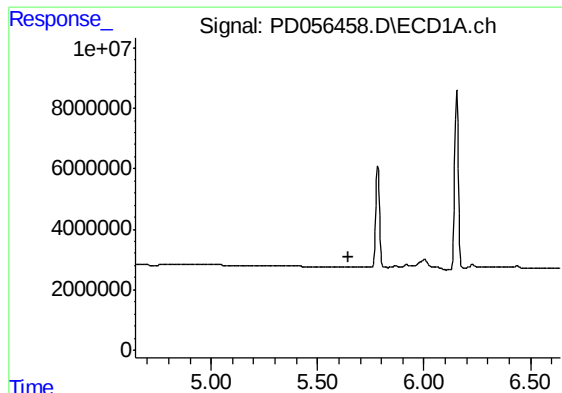
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T.: 5.489 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

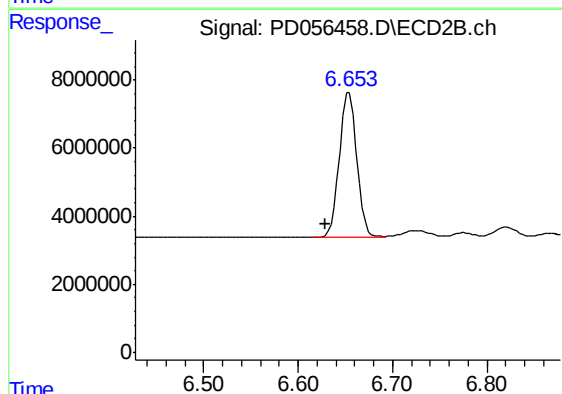
R.T.: 6.289 min
Delta R.T.: -0.050 min
Response: 783173
Conc: 69.76 ng/ml



#23 Toxaphene-2

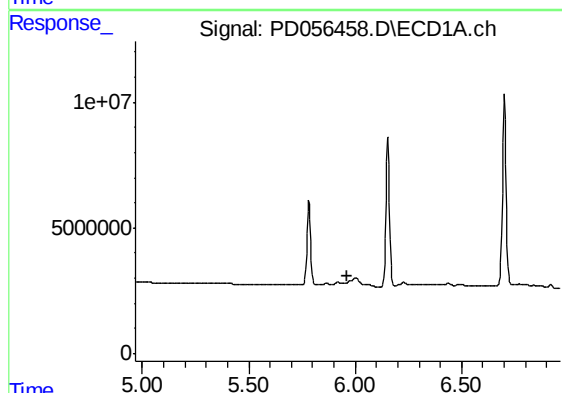
R.T.: 0.000 min
Exp R.T. : 5.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM49



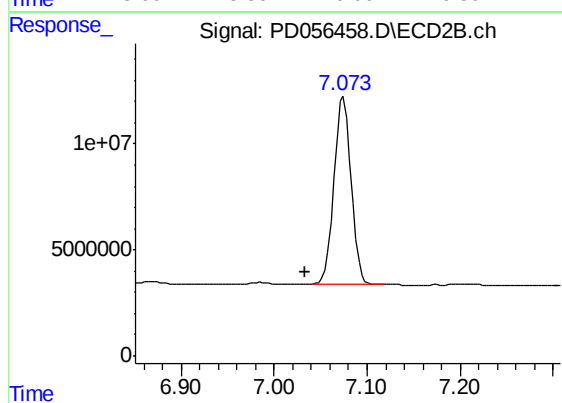
#23 Toxaphene-2

R.T.: 6.654 min
Delta R.T.: 0.026 min
Response: 53819883
Conc: 3899.89 ng/ml



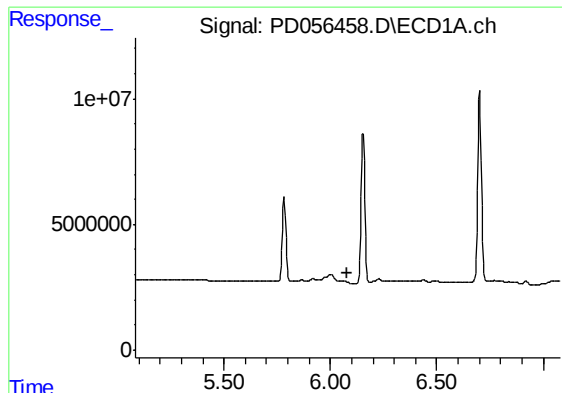
#24 Toxaphene-3

R.T.: 0.000 min
Exp R.T. : 5.965 min
Response: 0
Conc: N.D.



#24 Toxaphene-3

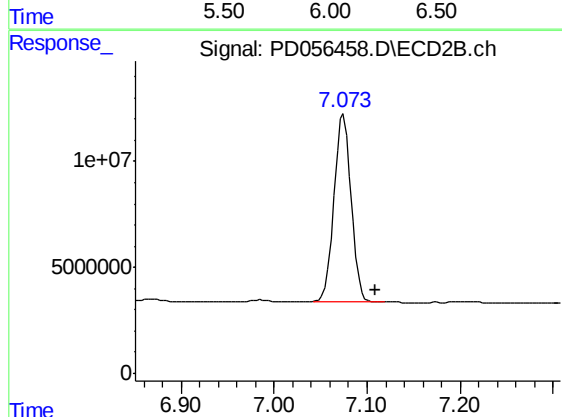
R.T.: 7.075 min
Delta R.T.: 0.042 min
Response: 112928855
Conc: 5740.77 ng/ml



#25 Toxaphene-4

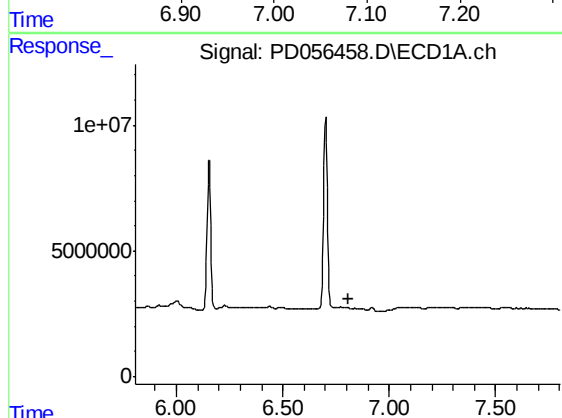
R.T.: 0.000 min
Exp R.T. : 6.082 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM49



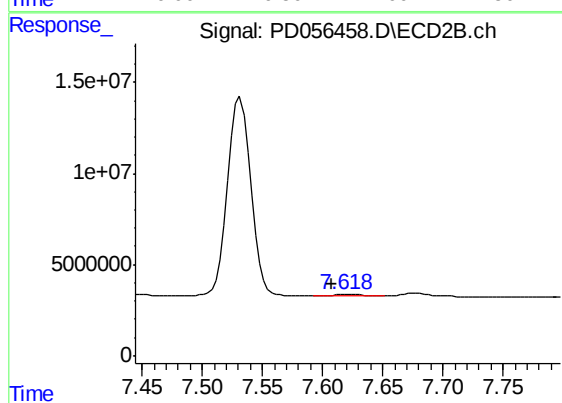
#25 Toxaphene-4

R.T.: 7.075 min
Delta R.T.: -0.035 min
Response: 112928855
Conc: 2045.24 ng/ml



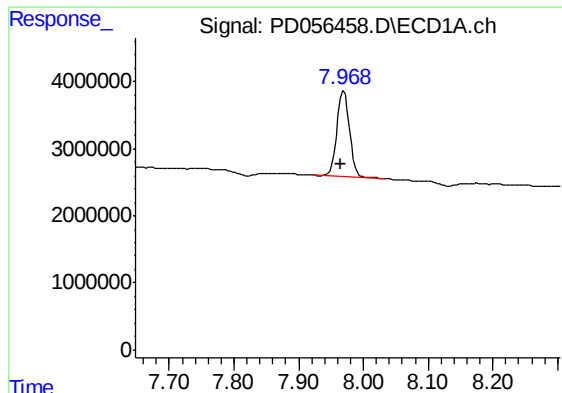
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 6.808 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

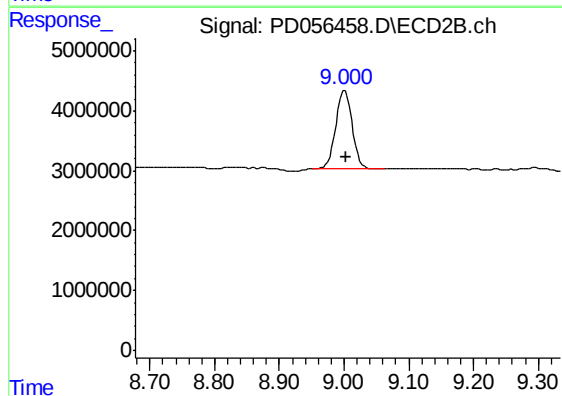
R.T.: 7.619 min
Delta R.T.: 0.011 min
Response: 1241962
Conc: 48.59 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.970 min
Delta R.T.: 0.004 min
Response: 17103389
Conc: 18.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



#27 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: -0.001 min
Response: 22880476
Conc: 19.02 ng/ml