

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121719\
 Data File : PD056482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2019 09:09
 Operator : SG\AJ
 Sample : PEM01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 00:39:09 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...	3.288	3.962	17033675	29093519	20.567	24.199
27)	SA Decachlor...	7.962	8.998	19630678	27178119	21.740	22.589
Target Compounds							
2)	A alpha-BHC	3.714	4.348	12171227	19914341	10.338	11.940
3)	MA gamma-BHC...	3.990	4.631	12366874	19170216	11.013	11.879
4)	MA Heptachlor	4.240f	0.000	5289768	0	5.248	N.D. #
6)	B beta-BHC	4.240	4.800	5289768	9662859	9.828	11.726
8)	B Heptachlo...	0.000	5.819	0	7403127	N.D.	4.778
14)	MA Endrin	5.776	6.653	40679630	64089594	48.678	50.640
15)	B Endosulfa...	0.000	6.872	0	967176	N.D.	0.660
16)	A 4,4'-DDD	0.000	6.775	0	2937525	N.D.	2.496
17)	MA 4,4'-DDT	6.145	7.073	77002904	131.8E6	109.435	111.485
18)	B Endrin al...	0.000	6.985	0	1734351	N.D.	1.426
20)	A Methoxychlor	6.693	7.530	88458188	158.4E6	261.000	261.462
21)	B Endrin ke...	0.000	7.675	0	4449552	N.D.	3.024
23)	Toxaphene-2	0.000	6.653	0	64089594	N.D.	4644.054
24)	Toxaphene-3	0.000	7.073	0	131.8E6	N.D.	6699.696
25)	Toxaphene-4	6.145	7.073	77002904	131.8E6	3108.034	2386.875
26)	Toxaphene-5	0.000	7.622	0	1636138	N.D.	64.014

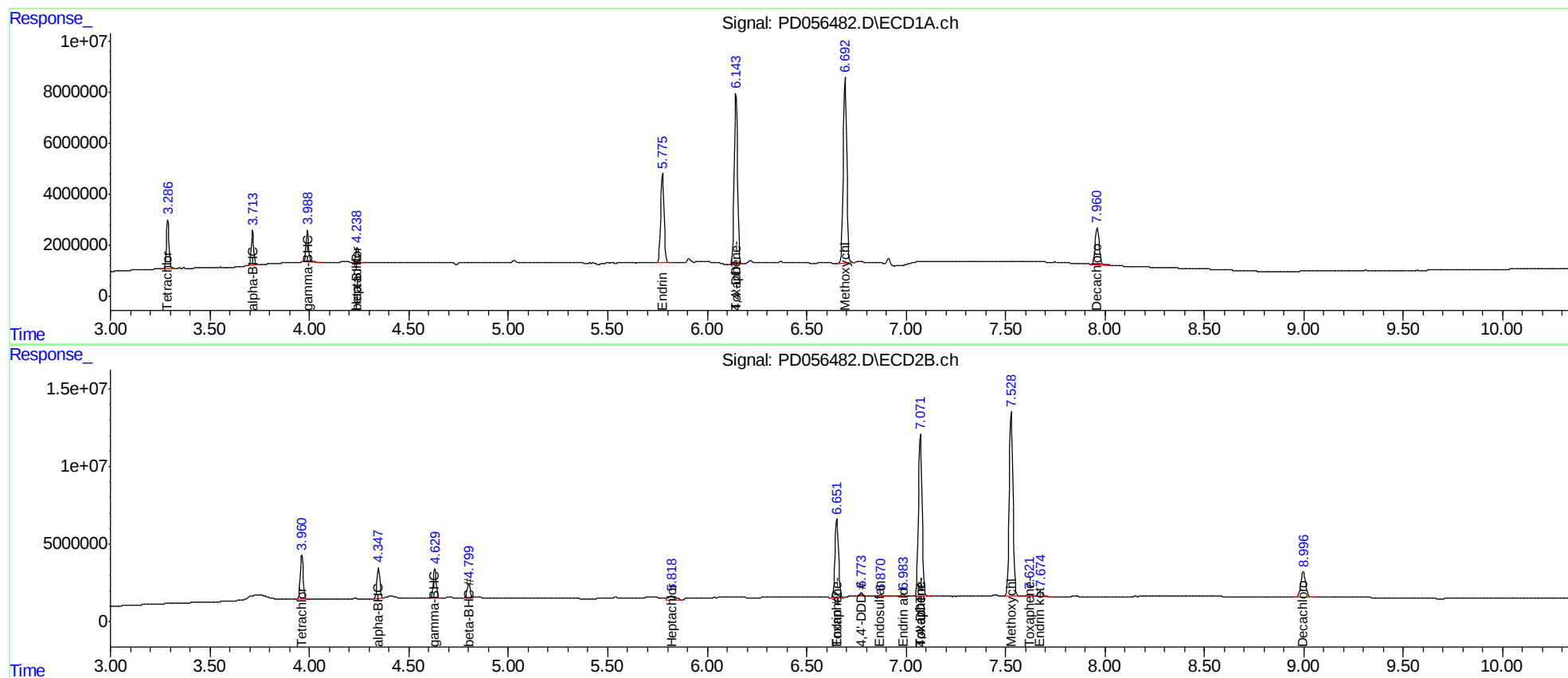
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

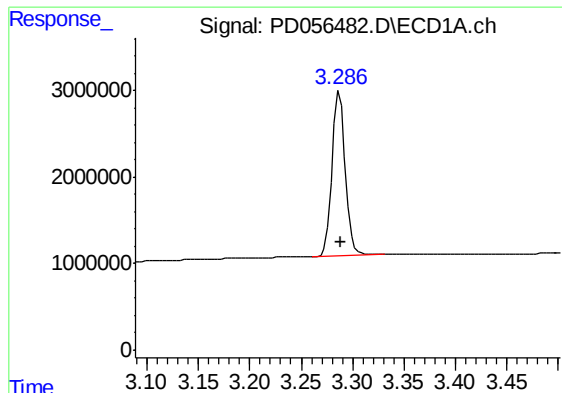
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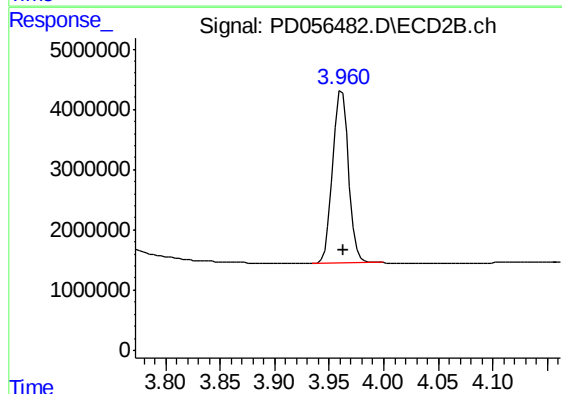




#1 Tetrachloro-m-xylene

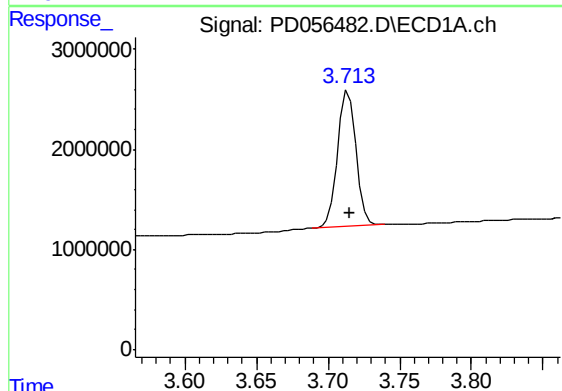
R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 17033675
Conc: 20.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



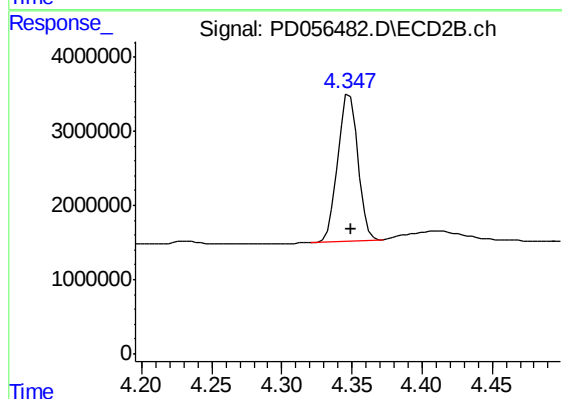
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 29093519
Conc: 24.20 ng/ml



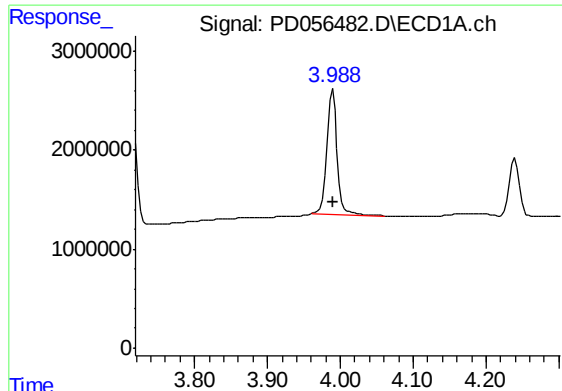
#2 alpha-BHC

R.T.: 3.714 min
Delta R.T.: -0.001 min
Response: 12171227
Conc: 10.34 ng/ml



#2 alpha-BHC

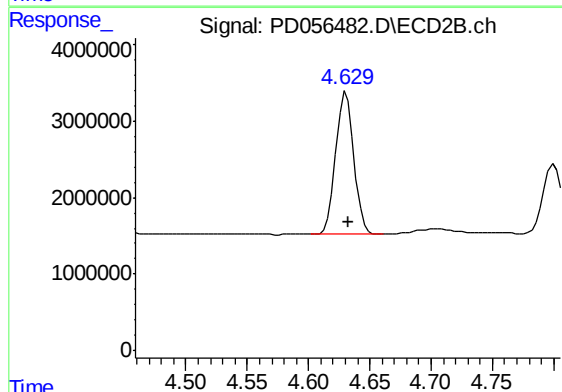
R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 19914341
Conc: 11.94 ng/ml



#3 gamma-BHC (Lindane)

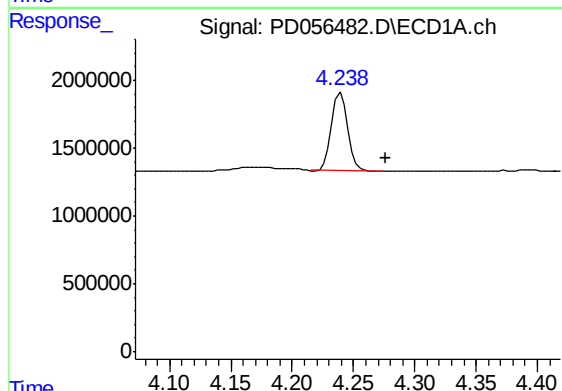
R.T.: 3.990 min
Delta R.T.: -0.001 min
Response: 12366874
Conc: 11.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



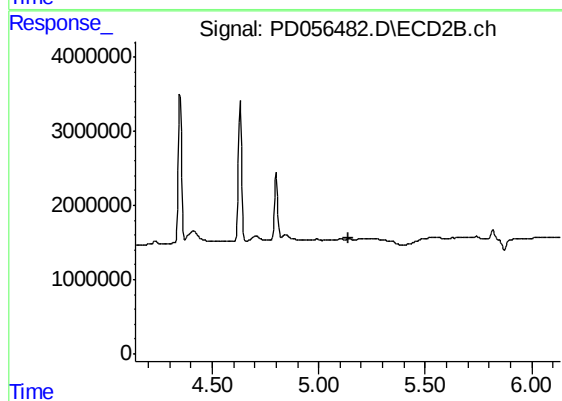
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: -0.001 min
Response: 19170216
Conc: 11.88 ng/ml



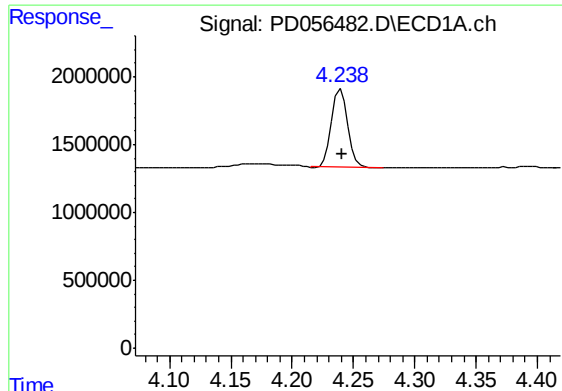
#4 Heptachlor

R.T.: 4.240 min
Delta R.T.: -0.037 min
Response: 5289768
Conc: 5.25 ng/ml



#4 Heptachlor

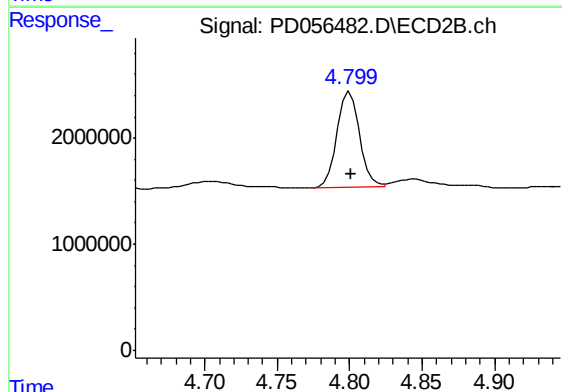
R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



#6 beta-BHC

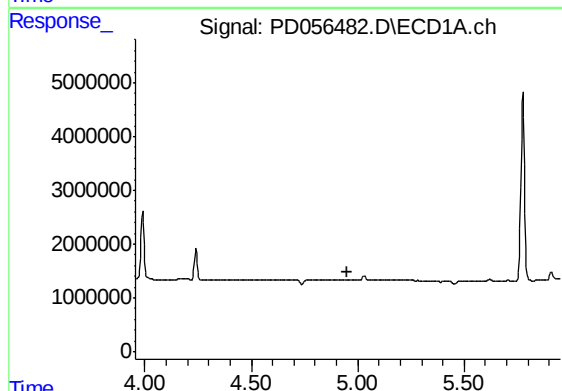
R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 5289768
Conc: 9.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



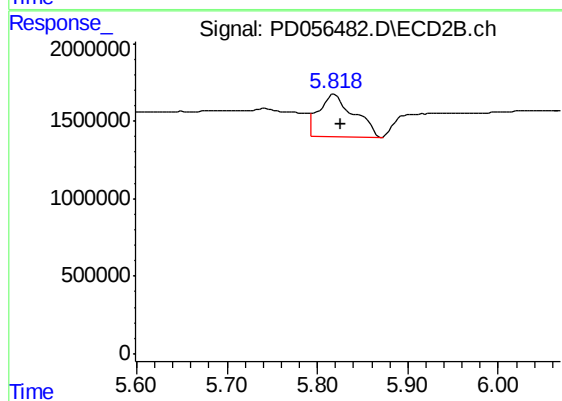
#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 9662859
Conc: 11.73 ng/ml



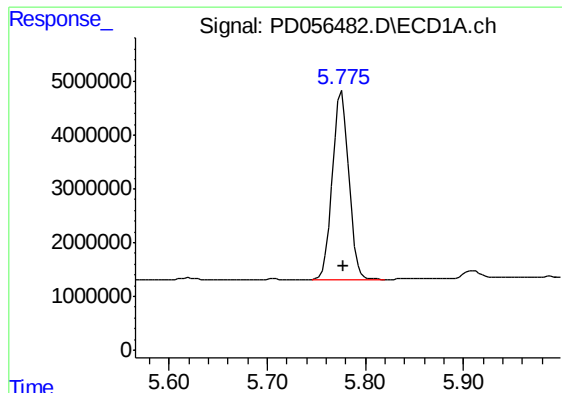
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.953 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

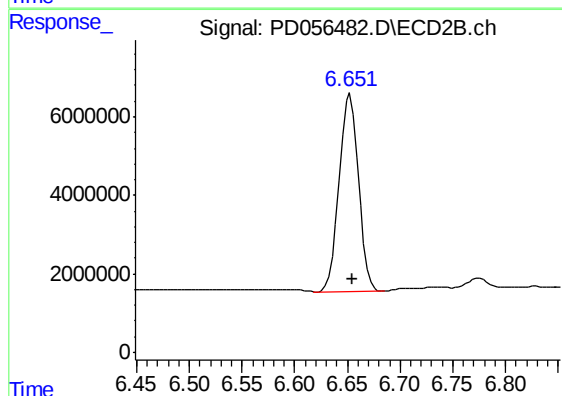
R.T.: 5.819 min
Delta R.T.: -0.007 min
Response: 7403127
Conc: 4.78 ng/ml



#14 Endrin

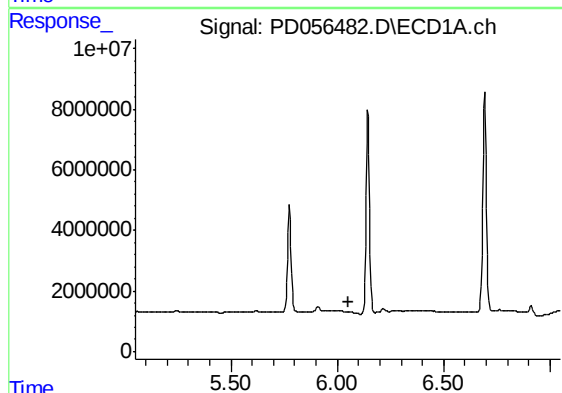
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 40679630
Conc: 48.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



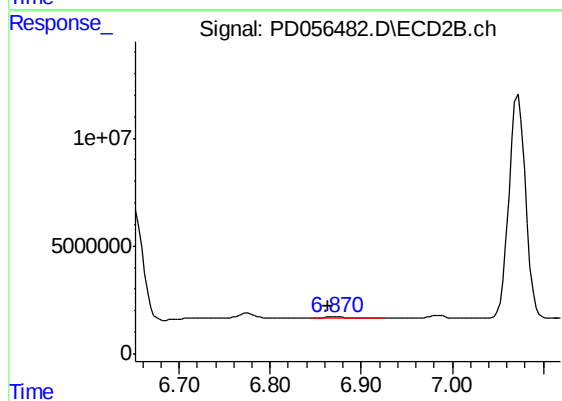
#14 Endrin

R.T.: 6.653 min
Delta R.T.: -0.003 min
Response: 64089594
Conc: 50.64 ng/ml



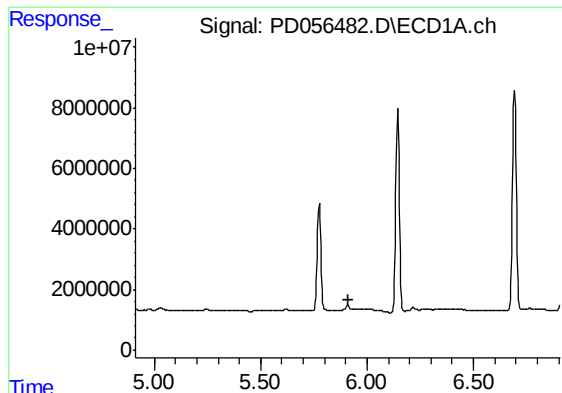
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.051 min
Response: 0
Conc: N.D.



#15 Endosulfan II

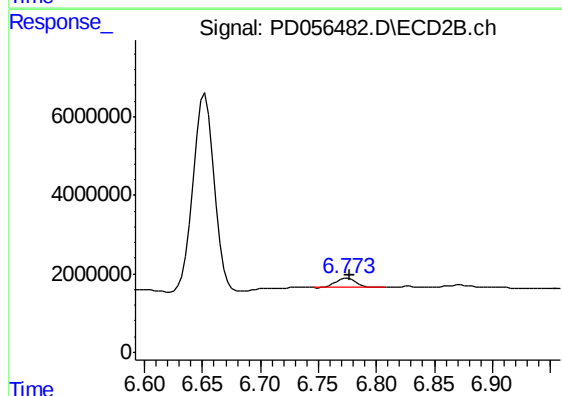
R.T.: 6.872 min
Delta R.T.: 0.008 min
Response: 967176
Conc: 0.66 ng/ml



#16 4,4'-DDD

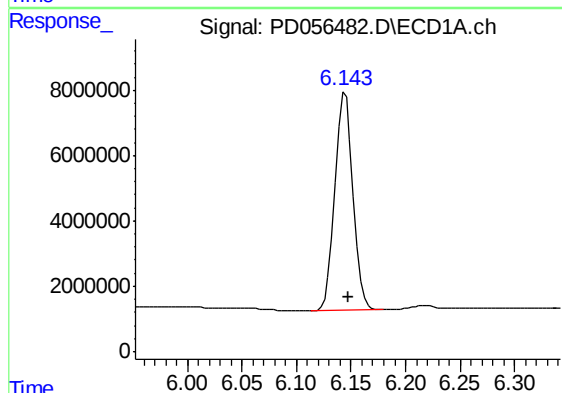
R.T.: 0.000 min
Exp R.T.: 5.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM01



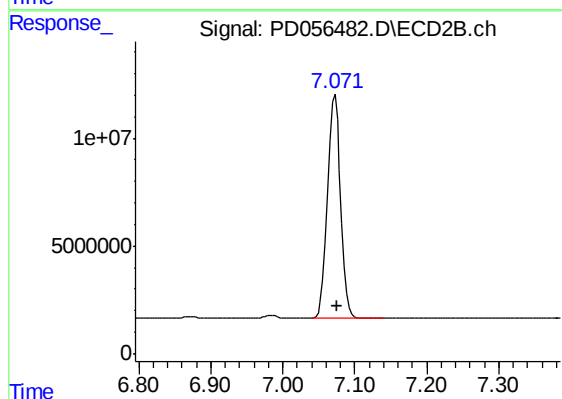
#16 4,4'-DDD

R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 2937525
Conc: 2.50 ng/ml



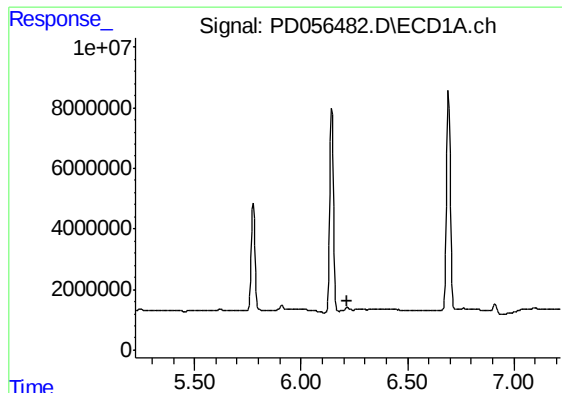
#17 4,4'-DDT

R.T.: 6.145 min
Delta R.T.: -0.003 min
Response: 77002904
Conc: 109.43 ng/ml



#17 4,4'-DDT

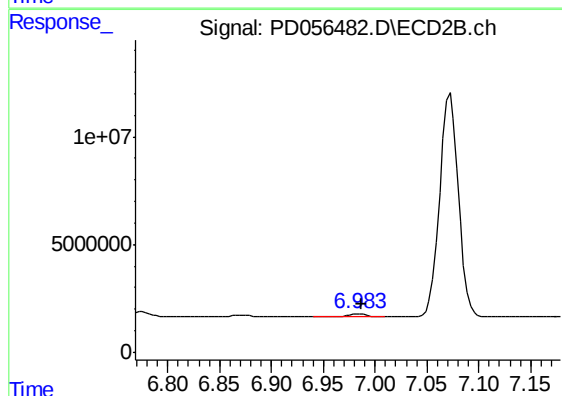
R.T.: 7.073 min
Delta R.T.: -0.003 min
Response: 131792210
Conc: 111.49 ng/ml



#18 Endrin aldehyde

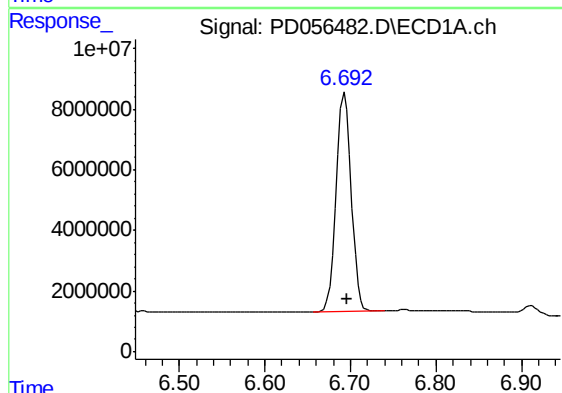
R.T.: 0.000 min
Exp R.T.: 6.219 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM01



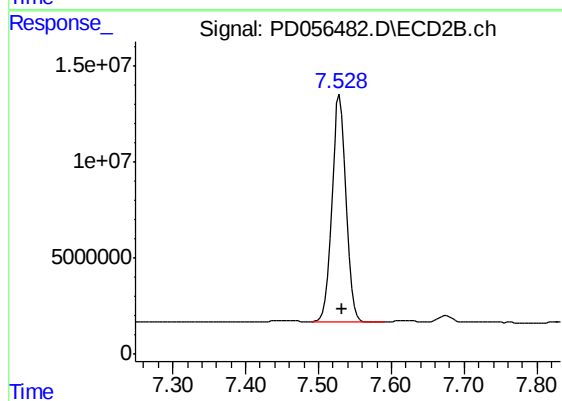
#18 Endrin aldehyde

R.T.: 6.985 min
Delta R.T.: -0.002 min
Response: 1734351
Conc: 1.43 ng/ml



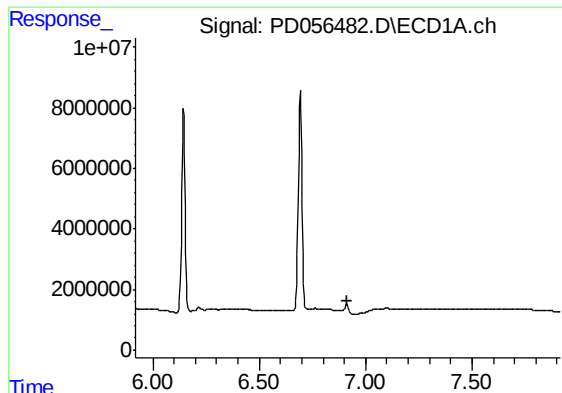
#20 Methoxychlor

R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 88458188
Conc: 261.00 ng/ml



#20 Methoxychlor

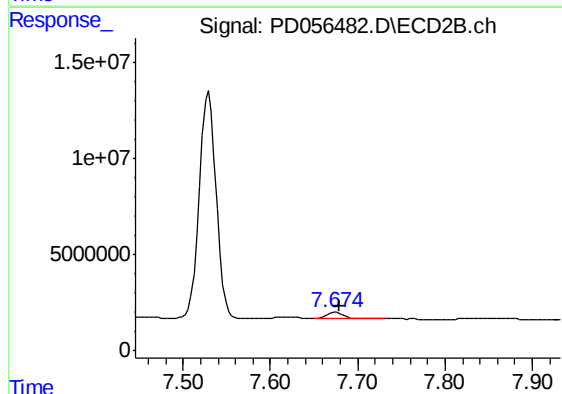
R.T.: 7.530 min
Delta R.T.: -0.003 min
Response: 158404244
Conc: 261.46 ng/ml



#21 Endrin ketone

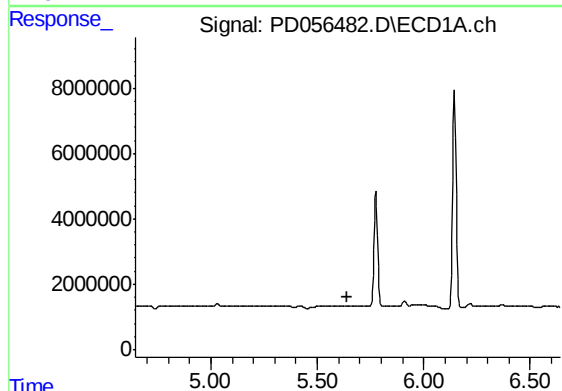
R.T.: 0.000 min
Exp R.T. : 6.915 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM01



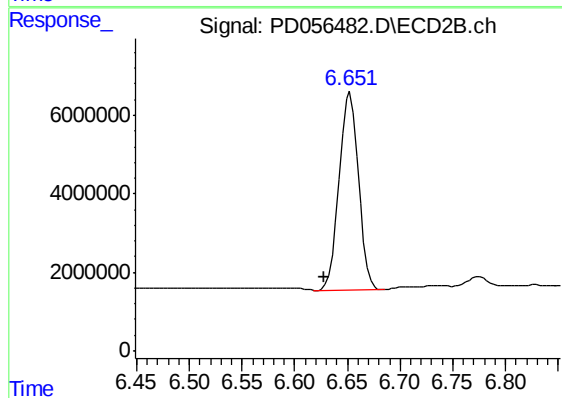
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 4449552
Conc: 3.02 ng/ml



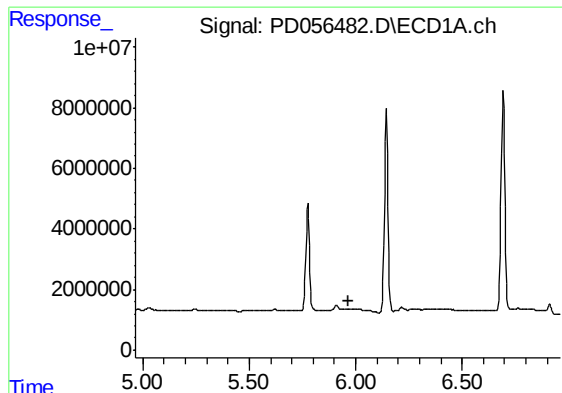
#23 Toxaphene-2

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



#23 Toxaphene-2

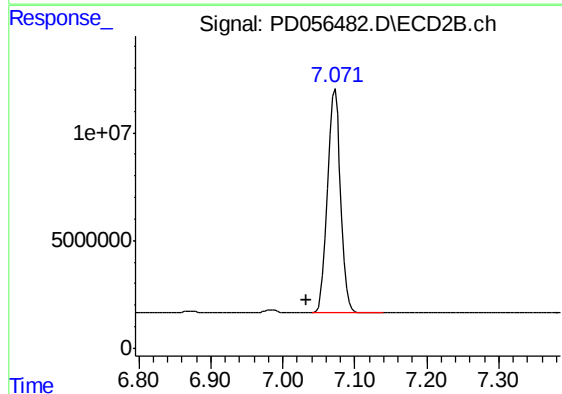
R.T.: 6.653 min
Delta R.T.: 0.024 min
Response: 64089594
Conc: 4644.05 ng/ml



#24 Toxaphene-3

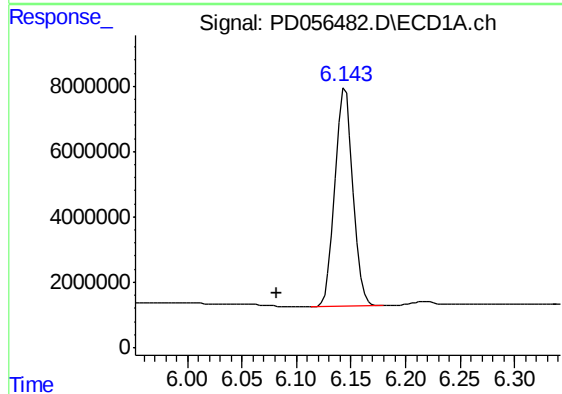
R.T.: 0.000 min
Exp R.T.: 5.965 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM01



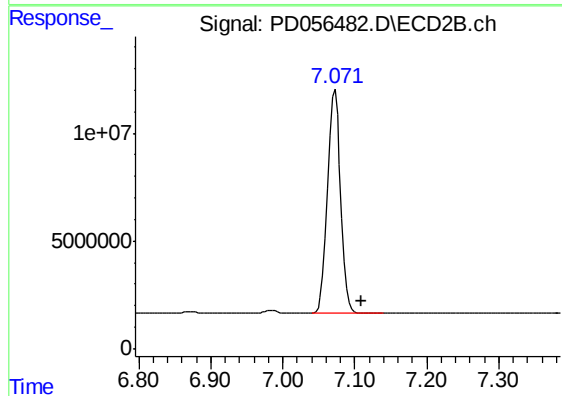
#24 Toxaphene-3

R.T.: 7.073 min
Delta R.T.: 0.039 min
Response: 131792210
Conc: 6699.70 ng/ml



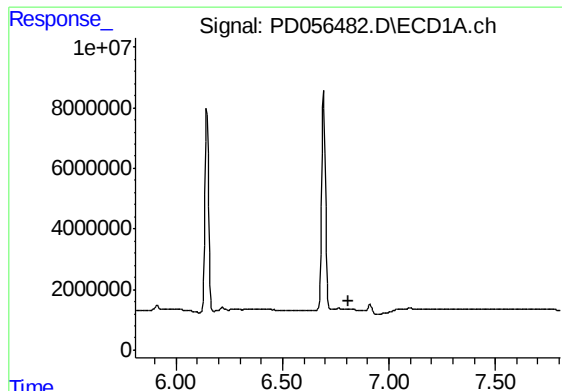
#25 Toxaphene-4

R.T.: 6.145 min
Delta R.T.: 0.062 min
Response: 77002904
Conc: 3108.03 ng/ml



#25 Toxaphene-4

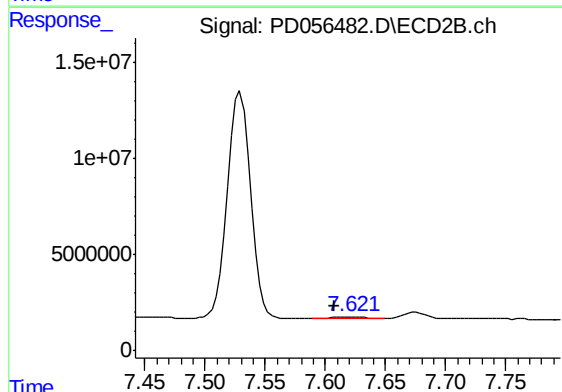
R.T.: 7.073 min
Delta R.T.: -0.037 min
Response: 131792210
Conc: 2386.87 ng/ml



#26 Toxaphene-5

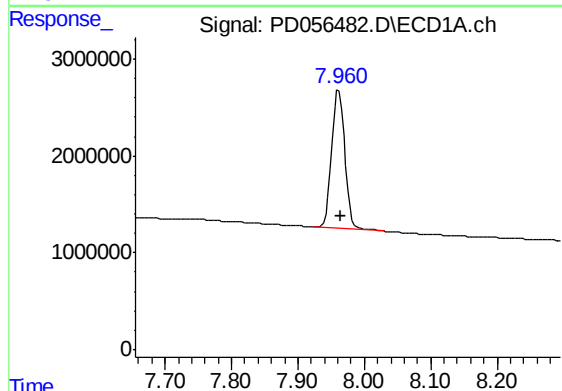
R.T.: 0.000 min
Exp R.T.: 6.808 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM01



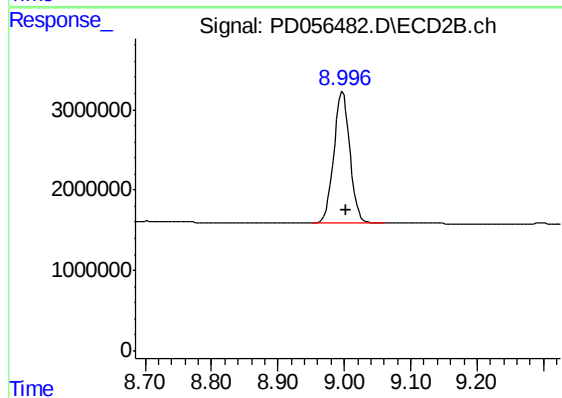
#26 Toxaphene-5

R.T.: 7.622 min
Delta R.T.: 0.015 min
Response: 1636138
Conc: 64.01 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.962 min
Delta R.T.: -0.004 min
Response: 19630678
Conc: 21.74 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: -0.005 min
Response: 27178119
Conc: 22.59 ng/ml