

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121019\
 Data File : PD056348.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2019 09:43
 Operator : SG\AJ
 Sample : PEM43
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM43

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 00:26:15 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	3.961	18472358	27531037	22.304	22.899
27)	SA Decachlor...	7.962	8.997	19840481	25218780	21.972	20.961
Target Compounds							
2)	A alpha-BHC	3.715	4.347	13219979	18874217	11.229	11.316
3)	MA gamma-BHC...	3.989	4.630	12401402	18164405	11.044	11.255
4)	MA Heptachlor	4.239f	0.000	5593127	0	5.549	N.D. #
6)	B beta-BHC	4.239	4.799	5593127	9268115	10.392	11.247
12)	B 4,4'-DDE	0.000	6.286	0	693086	N.D.	0.441
14)	MA Endrin	5.775	6.652	42268828	62025205	50.579	49.009
15)	B Endosulfa...	0.000	6.870	0	1415803	N.D.	0.966
16)	A 4,4'-DDD	5.909	6.774	5150565	7738481	7.237	6.576
17)	MA 4,4'-DDT	6.145	7.072	75502435	115.7E6	107.302	97.897
18)	B Endrin al...	0.000	6.983	0	1496683	N.D.	1.231
20)	A Methoxychlor	6.692	7.528	77914170	130.3E6	229.889	215.027
21)	B Endrin ke...	6.911	7.675	4399051	5842552	4.543	3.971
22)	Toxaphene-1	0.000	6.286	0	693086	N.D.	61.734
23)	Toxaphene-2	0.000	6.652	0	62025205	N.D.	4494.465
24)	Toxaphene-3	5.909	7.072	5150565	115.7E6	622.417	5883.127 #
25)	Toxaphene-4	6.145	7.072	75502435	115.7E6	3047.471	2095.959 #
26)	Toxaphene-5	0.000	7.623	0	1267719	N.D.	49.600

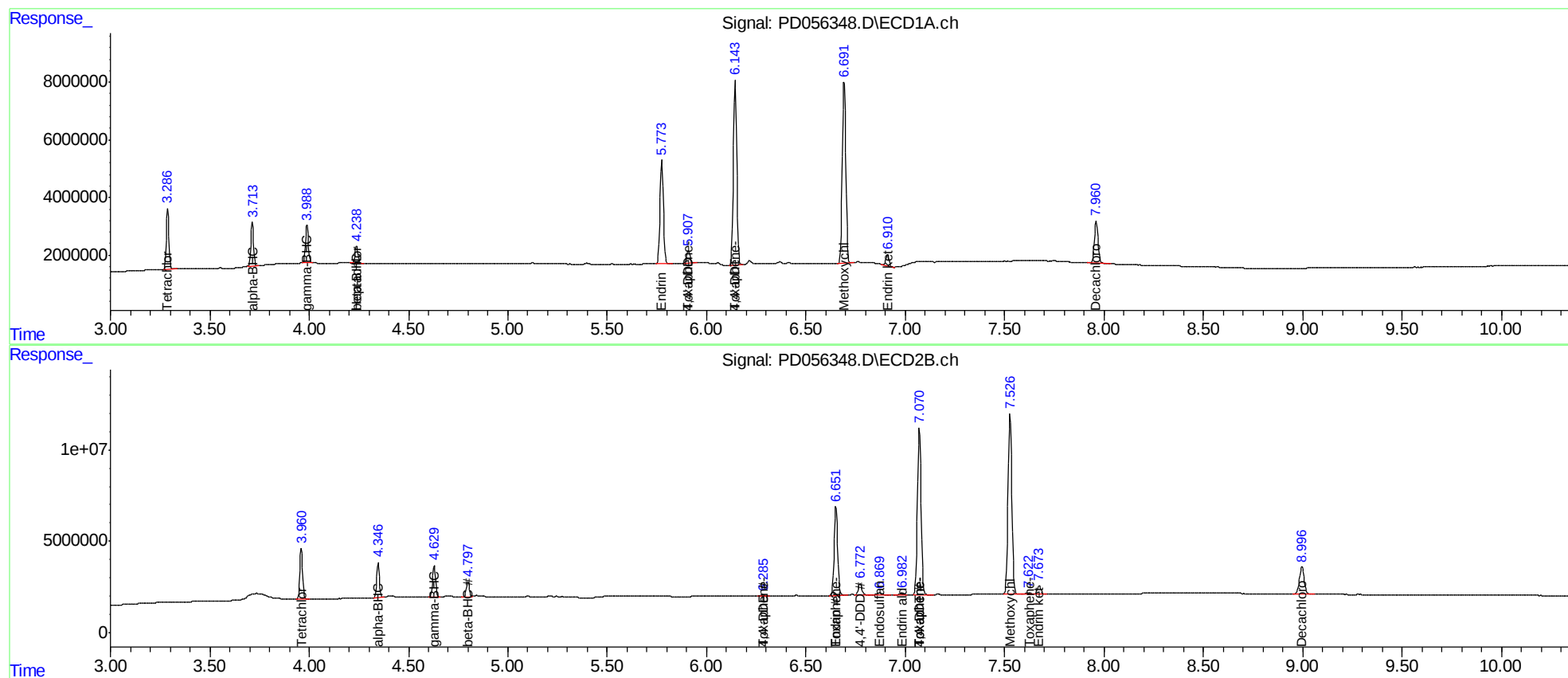
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

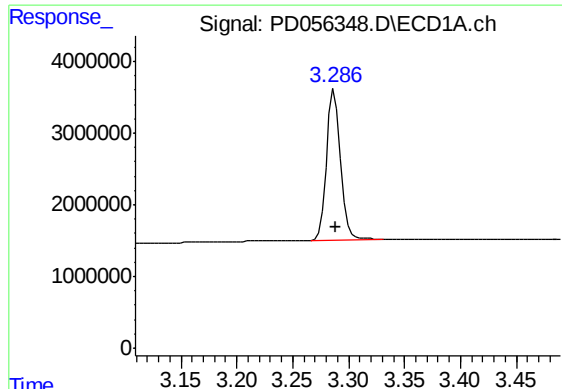
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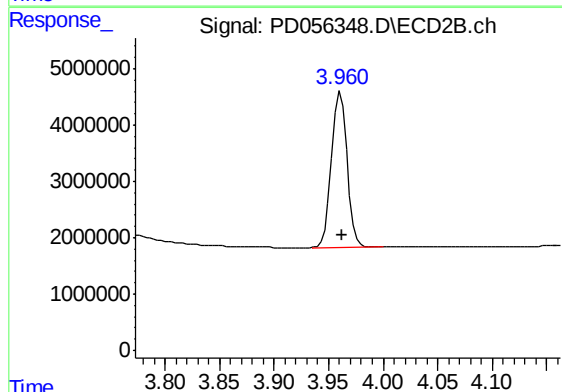




#1 Tetrachloro-m-xylene

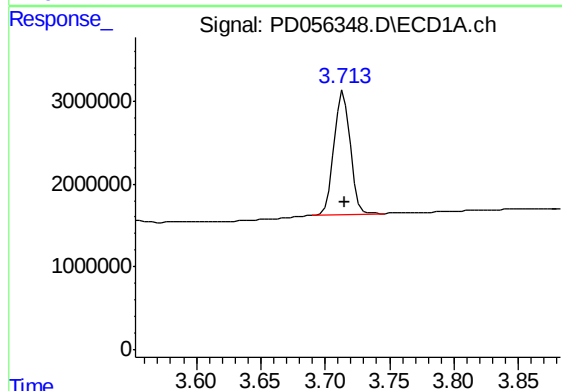
R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 18472358
Conc: 22.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM43



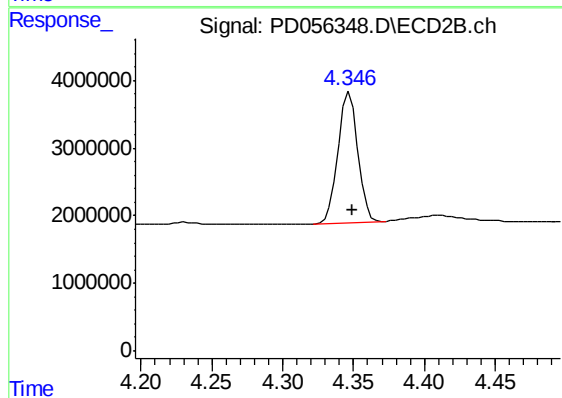
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 27531037
Conc: 22.90 ng/ml



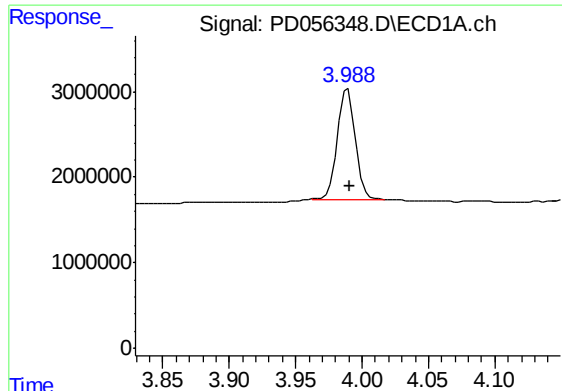
#2 alpha-BHC

R.T.: 3.715 min
Delta R.T.: 0.000 min
Response: 13219979
Conc: 11.23 ng/ml



#2 alpha-BHC

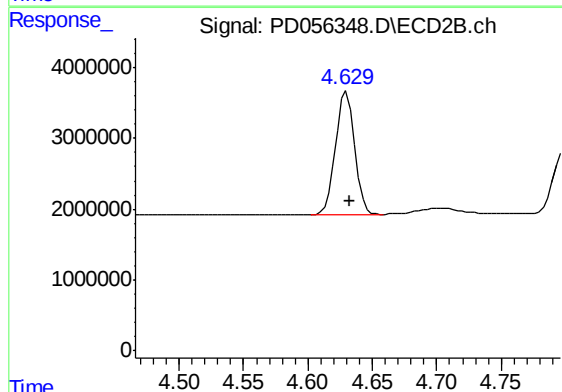
R.T.: 4.347 min
Delta R.T.: -0.002 min
Response: 18874217
Conc: 11.32 ng/ml



#3 gamma-BHC (Lindane)

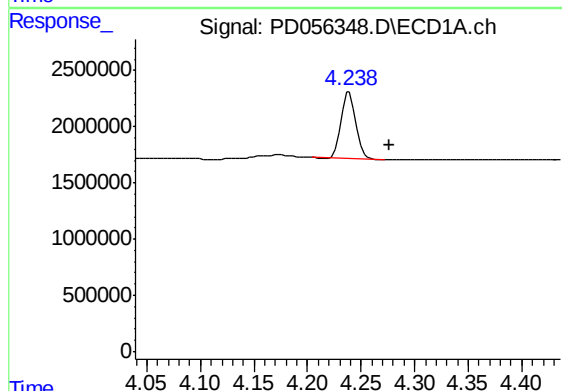
R.T.: 3.989 min
Delta R.T.: -0.001 min
Response: 12401402
Conc: 11.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM43



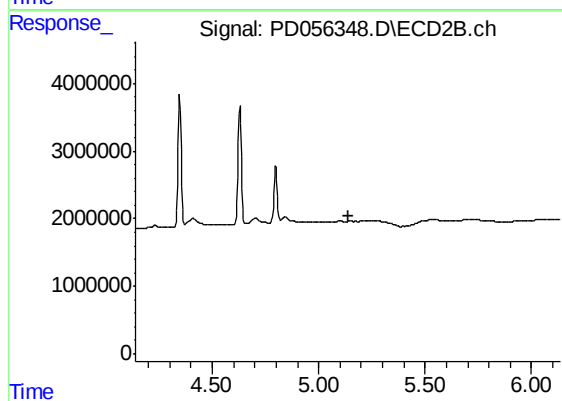
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: -0.002 min
Response: 18164405
Conc: 11.26 ng/ml



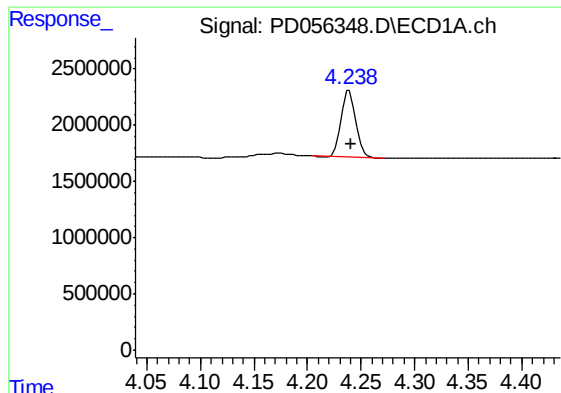
#4 Heptachlor

R.T.: 4.239 min
Delta R.T.: -0.037 min
Response: 5593127
Conc: 5.55 ng/ml



#4 Heptachlor

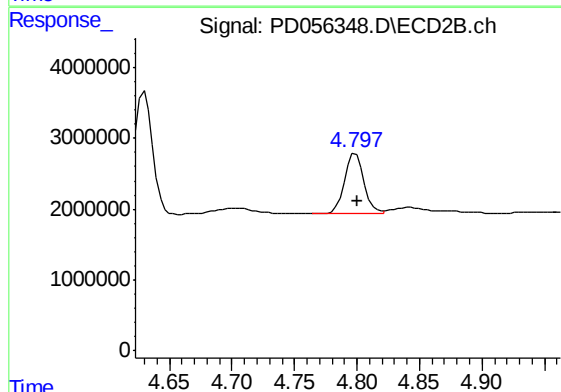
R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



#6 beta-BHC

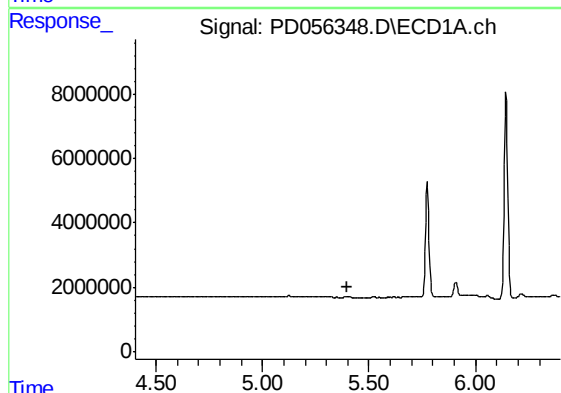
R.T.: 4.239 min
Delta R.T.: -0.001 min
Response: 5593127
Conc: 10.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM43



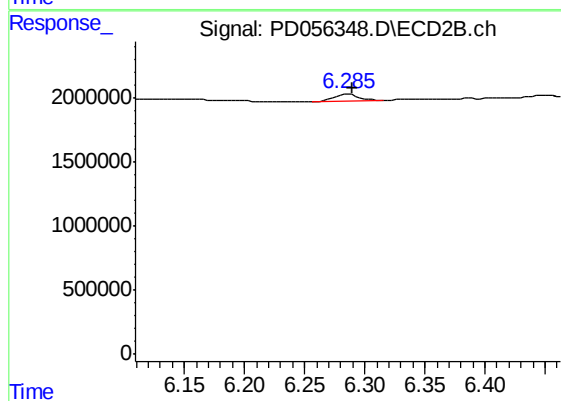
#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 9268115
Conc: 11.25 ng/ml



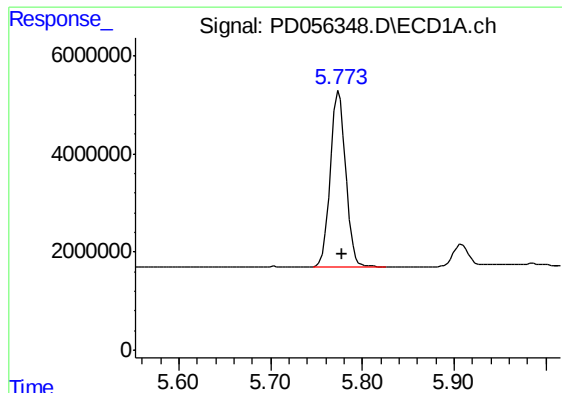
#12 4,4'-DDE

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



#12 4,4'-DDE

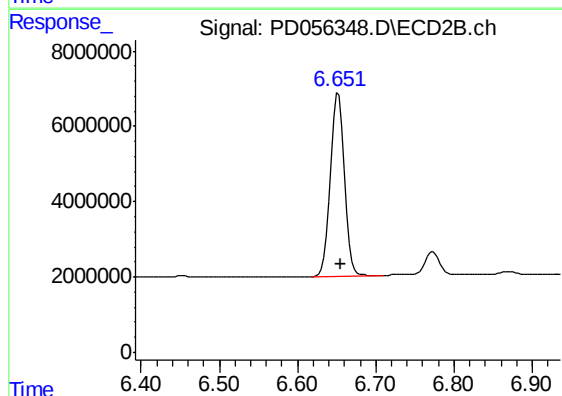
R.T.: 6.286 min
Delta R.T.: -0.003 min
Response: 693086
Conc: 0.44 ng/ml



#14 Endrin

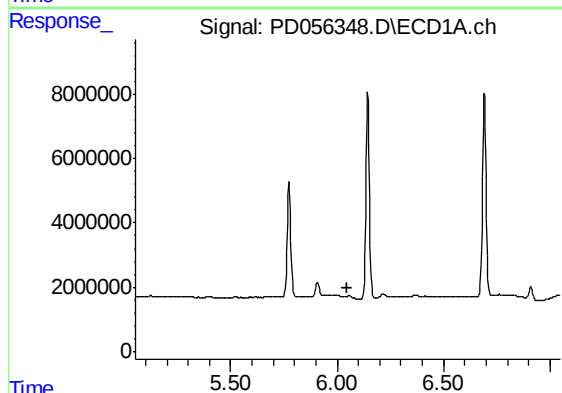
R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 42268828
Conc: 50.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM43



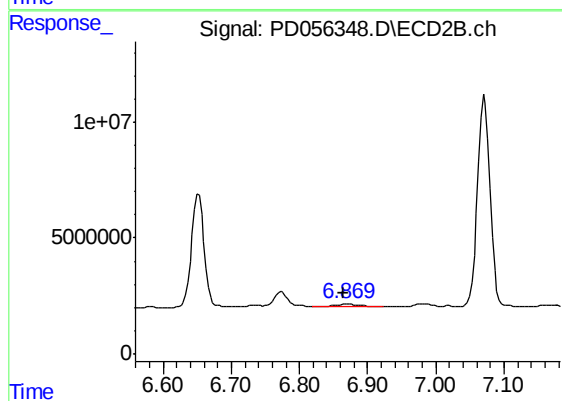
#14 Endrin

R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: 62025205
Conc: 49.01 ng/ml



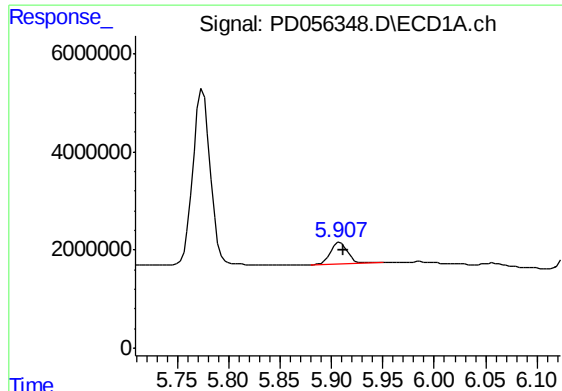
#15 Endosulfan II

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



#15 Endosulfan II

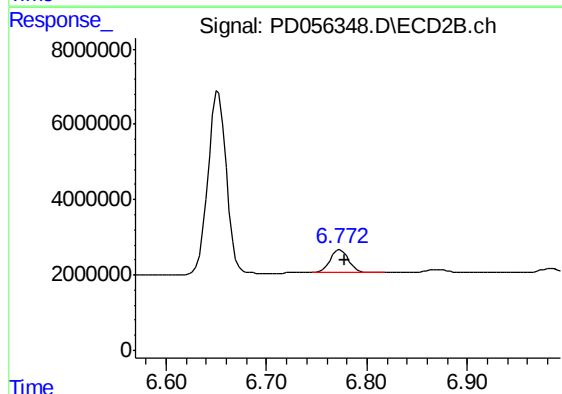
R.T.: 6.870 min
Delta R.T.: 0.006 min
Response: 1415803
Conc: 0.97 ng/ml



#16 4,4'-DDD

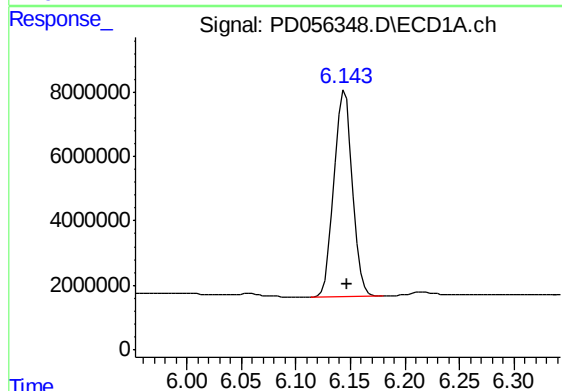
R.T.: 5.909 min
Delta R.T.: -0.003 min
Response: 5150565
Conc: 7.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM43



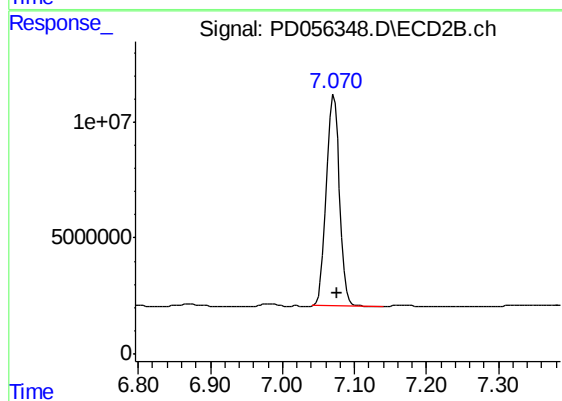
#16 4,4'-DDD

R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 7738481
Conc: 6.58 ng/ml



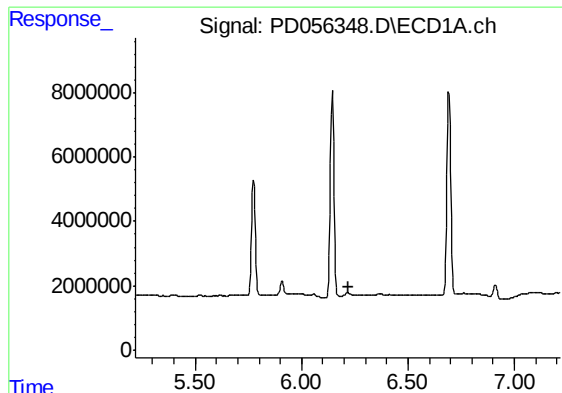
#17 4,4'-DDT

R.T.: 6.145 min
Delta R.T.: -0.003 min
Response: 75502435
Conc: 107.30 ng/ml



#17 4,4'-DDT

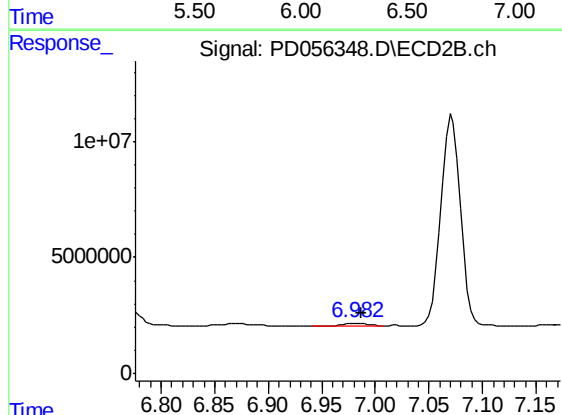
R.T.: 7.072 min
Delta R.T.: -0.004 min
Response: 115729166
Conc: 97.90 ng/ml



#18 Endrin aldehyde

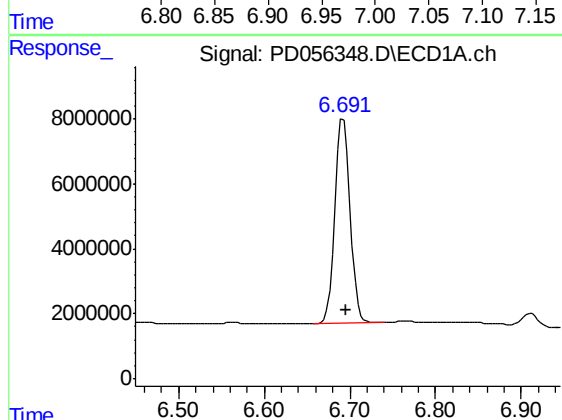
R.T.: 0.000 min
Exp R.T.: 6.219 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM43



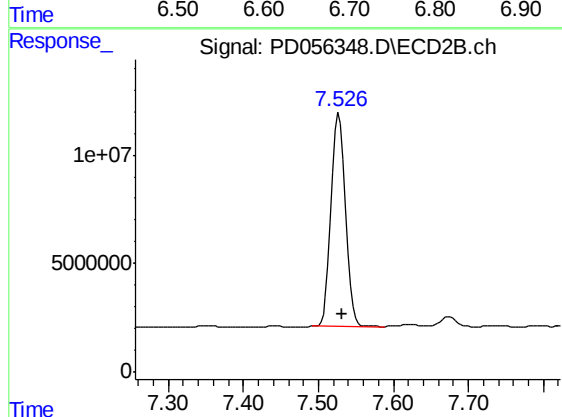
#18 Endrin aldehyde

R.T.: 6.983 min
Delta R.T.: -0.004 min
Response: 1496683
Conc: 1.23 ng/ml



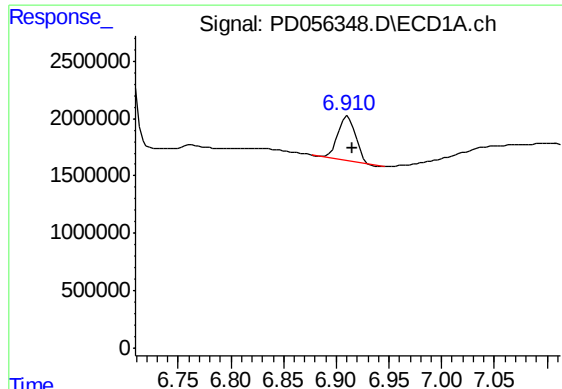
#20 Methoxychlor

R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 77914170
Conc: 229.89 ng/ml



#20 Methoxychlor

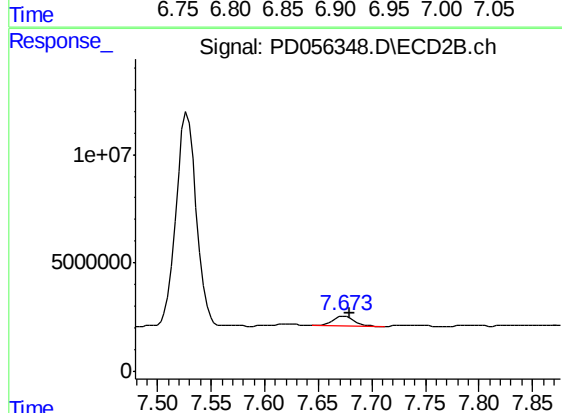
R.T.: 7.528 min
Delta R.T.: -0.005 min
Response: 130272144
Conc: 215.03 ng/ml



#21 Endrin ketone

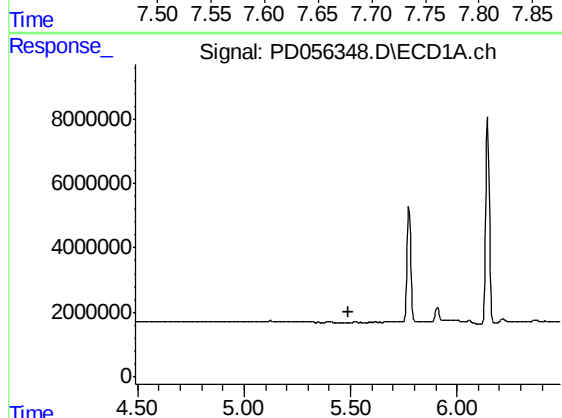
R.T.: 6.911 min
Delta R.T.: -0.004 min
Response: 4399051
Conc: 4.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM43



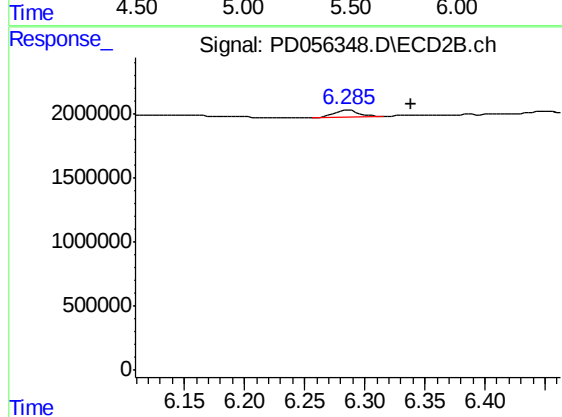
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 5842552
Conc: 3.97 ng/ml



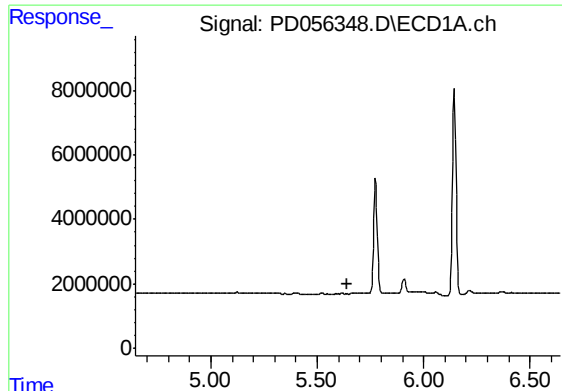
#22 Toxaphene-1

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



#22 Toxaphene-1

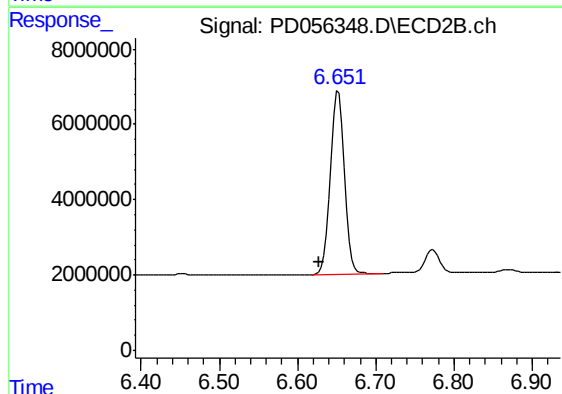
R.T.: 6.286 min
Delta R.T.: -0.053 min
Response: 693086
Conc: 61.73 ng/ml



#23 Toxaphene-2

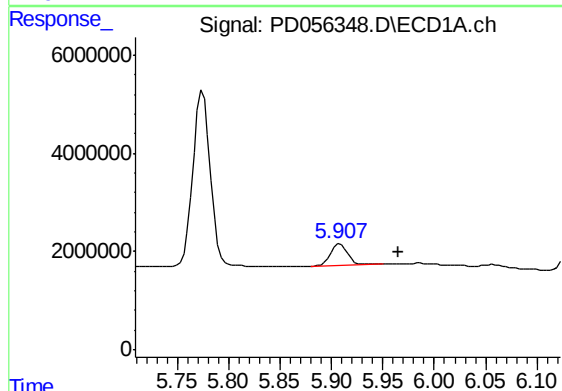
R.T.: 0.000 min
Exp R.T.: 5.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM43



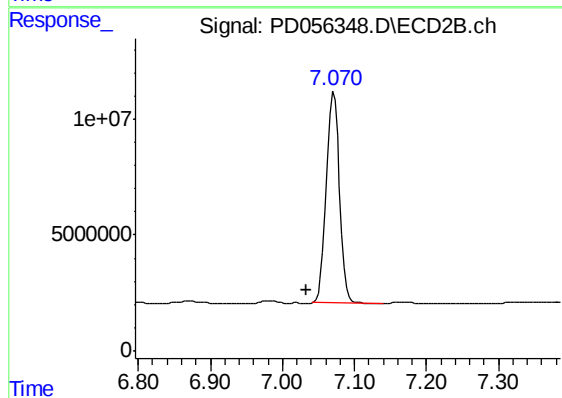
#23 Toxaphene-2

R.T.: 6.652 min
Delta R.T.: 0.024 min
Response: 62025205
Conc: 4494.46 ng/ml



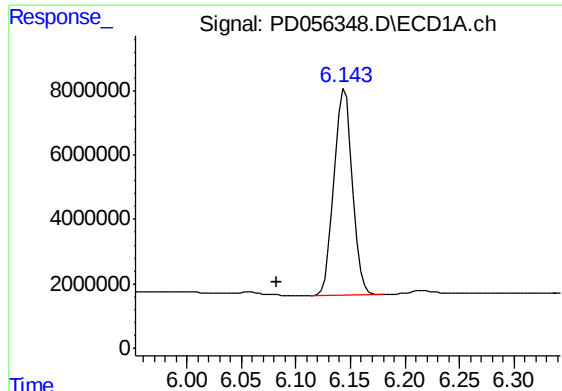
#24 Toxaphene-3

R.T.: 5.909 min
Delta R.T.: -0.056 min
Response: 5150565
Conc: 622.42 ng/ml



#24 Toxaphene-3

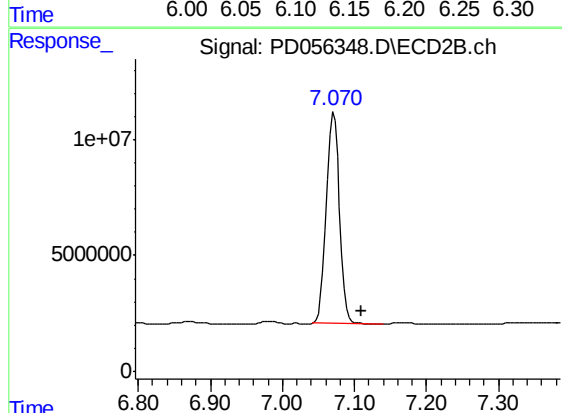
R.T.: 7.072 min
Delta R.T.: 0.038 min
Response: 115729166
Conc: 5883.13 ng/ml



#25 Toxaphene-4

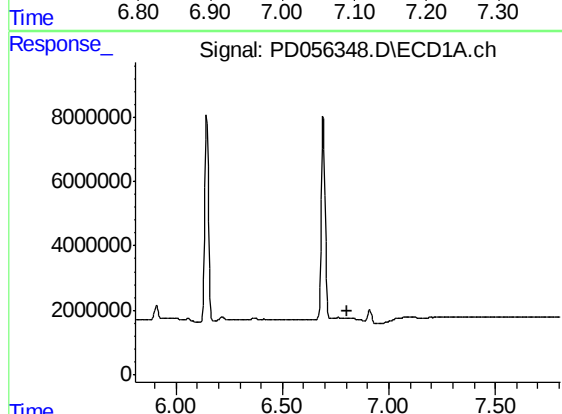
R.T.: 6.145 min
Delta R.T.: 0.062 min
Response: 75502435
Conc: 3047.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM43



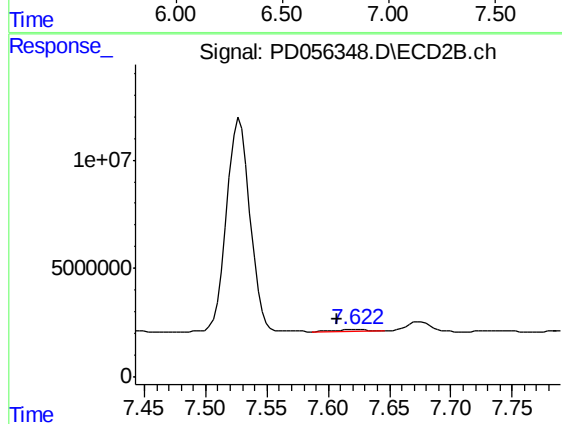
#25 Toxaphene-4

R.T.: 7.072 min
Delta R.T.: -0.038 min
Response: 115729166
Conc: 2095.96 ng/ml



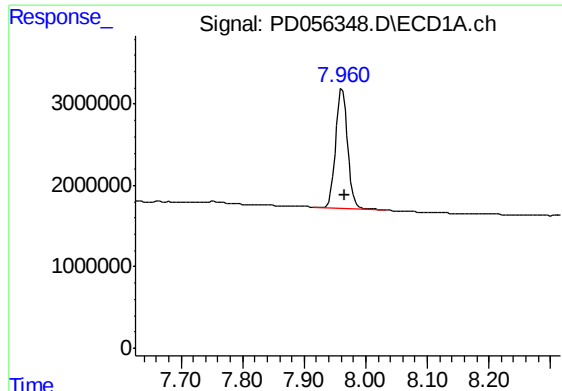
#26 Toxaphene-5

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



#26 Toxaphene-5

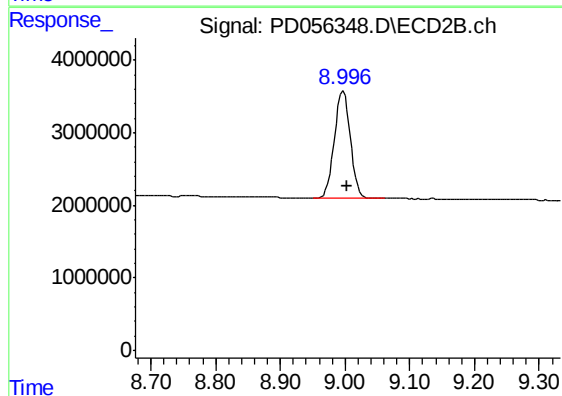
R.T.: 7.623 min
Delta R.T.: 0.016 min
Response: 1267719
Conc: 49.60 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.962 min
Delta R.T.: -0.004 min
Response: 19840481
Conc: 21.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM43



#27 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.005 min
Response: 25218780
Conc: 20.96 ng/ml