

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120619\
 Data File : PD056324.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2019 09:46
 Operator : SG\AJ
 Sample : PEM41
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM41

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 22:32:53 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...	3.287	3.961	17781609	26871192	21.470	22.351
27)	SA Decachlor...	7.961	8.996	20303959	26271442	22.486	21.836
Target Compounds							
2)	A alpha-BHC	3.714	4.347	12973164	18229851	11.019	10.930
3)	MA gamma-BHC...	3.989	4.630	12183387	17708588	10.850	10.973
4)	MA Heptachlor	4.239f	0.000	5287046	0	5.246	N.D. #
6)	B beta-BHC	4.239	4.799	5287046	9079035	9.823	11.017
14)	MA Endrin	5.774	6.651	43244354	64469106	51.747	50.940
15)	B Endosulfa...	0.000	6.868	0	932241	N.D.	0.636
16)	A 4,4'-DDD	5.908	6.773	4037188	5855079	5.673	4.976
17)	MA 4,4'-DDT	6.144	7.072	78046931	123.4E6	110.918	104.381
18)	B Endrin al...	0.000	6.982	0	1218412	N.D.	1.002
20)	A Methoxychlor	6.693	7.528	88245532	155.5E6	260.372	256.662
21)	B Endrin ke...	6.911	7.674	3717551	4790920	3.839	3.256
23)	Toxaphene-2	0.000	6.651	0	64469106	N.D.	4671.554
24)	Toxaphene-3	5.908	7.072	4037188	123.4E6	487.872	6272.791 #
25)	Toxaphene-4	6.144	7.072	78046931	123.4E6	3150.173	2234.783 #
26)	Toxaphene-5	0.000	7.621	0	1148812	N.D.	44.947

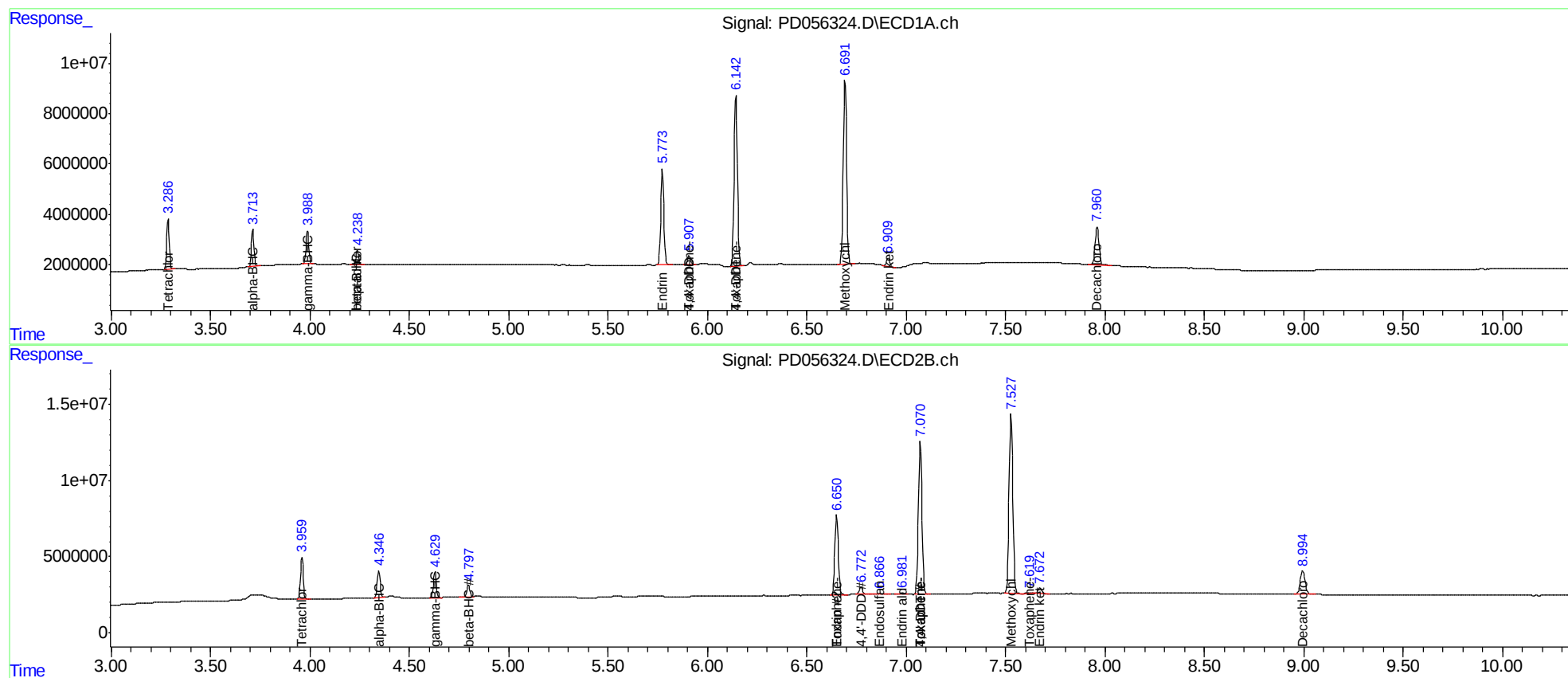
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

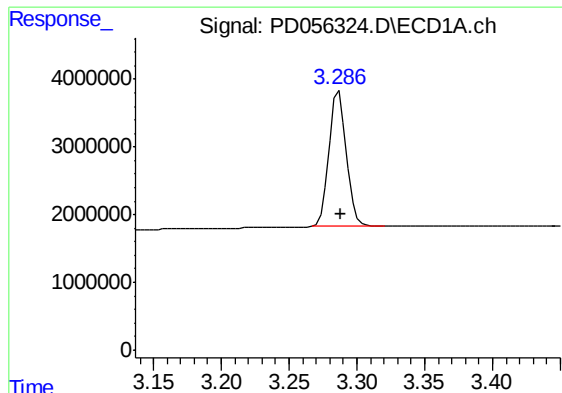
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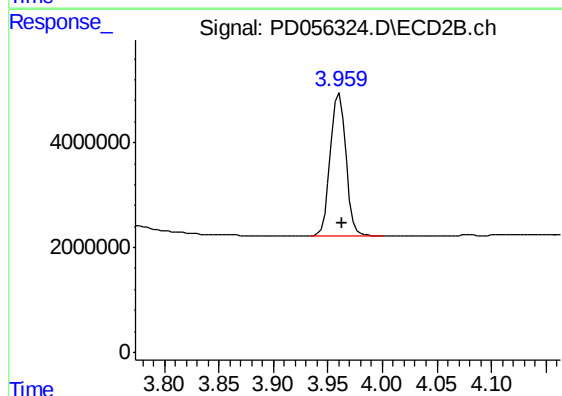




#1 Tetrachloro-m-xylene

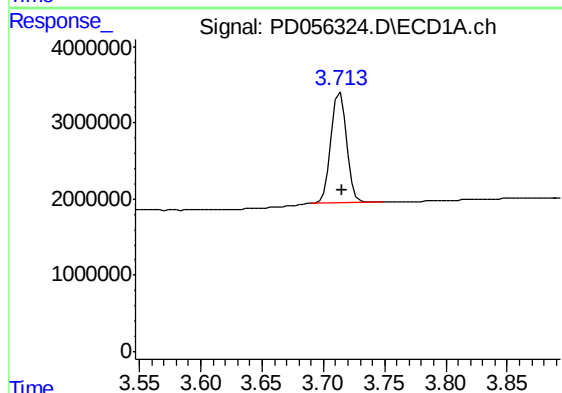
R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 17781609
Conc: 21.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM41



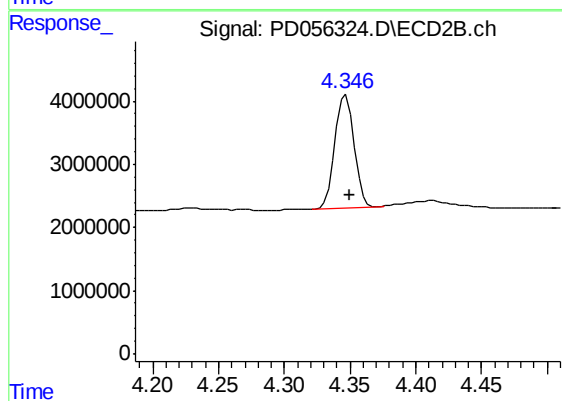
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 26871192
Conc: 22.35 ng/ml



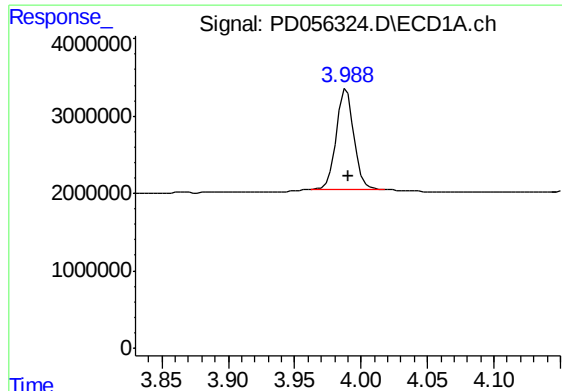
#2 alpha-BHC

R.T.: 3.714 min
Delta R.T.: -0.001 min
Response: 12973164
Conc: 11.02 ng/ml



#2 alpha-BHC

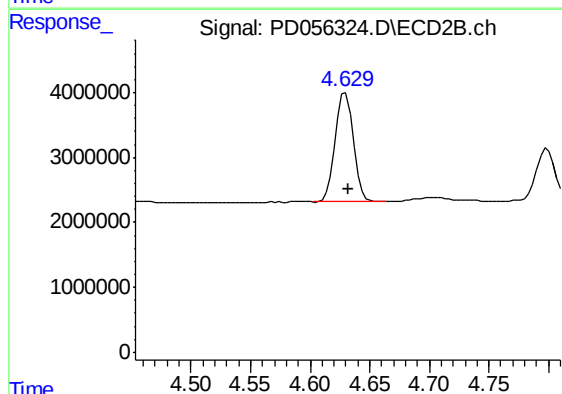
R.T.: 4.347 min
Delta R.T.: -0.002 min
Response: 18229851
Conc: 10.93 ng/ml



#3 gamma-BHC (Lindane)

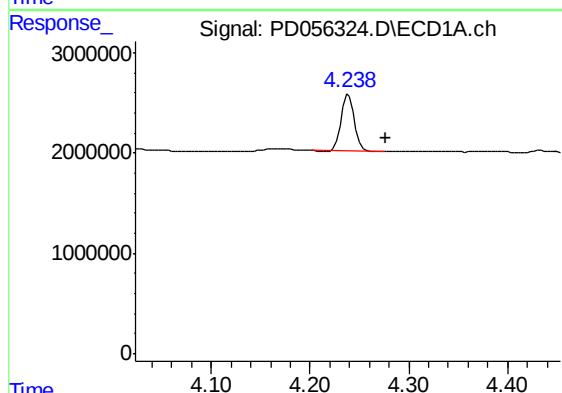
R.T.: 3.989 min
Delta R.T.: -0.002 min
Response: 12183387
Conc: 10.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM41



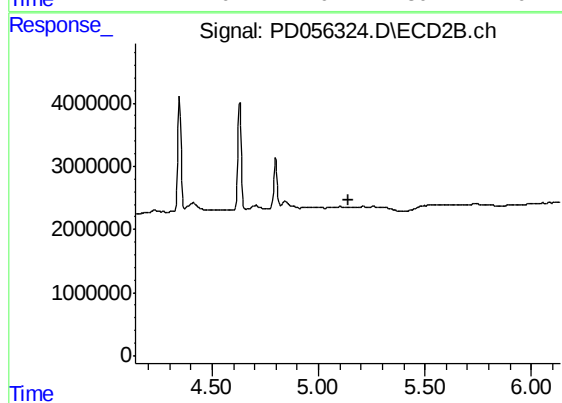
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: -0.002 min
Response: 17708588
Conc: 10.97 ng/ml



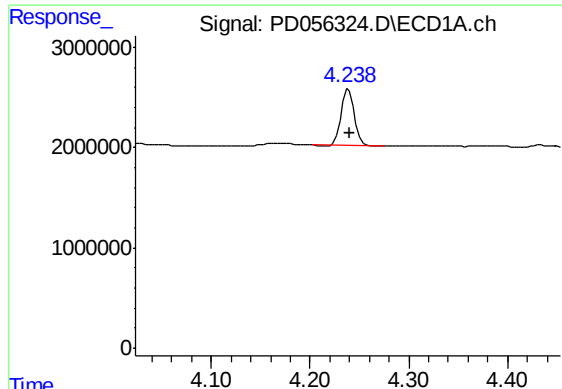
#4 Heptachlor

R.T.: 4.239 min
Delta R.T.: -0.037 min
Response: 5287046
Conc: 5.25 ng/ml



#4 Heptachlor

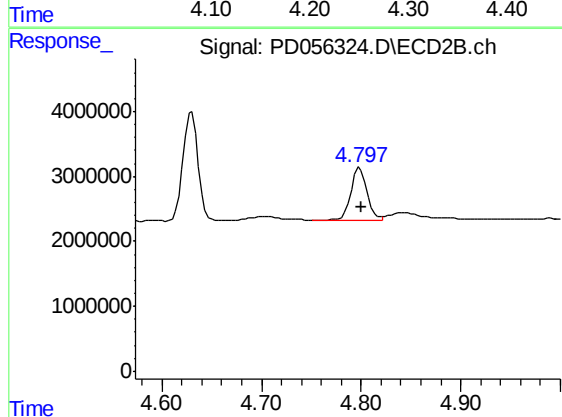
R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



#6 beta-BHC

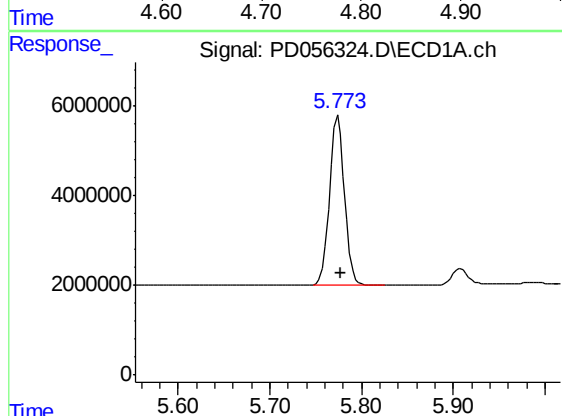
R.T.: 4.239 min
Delta R.T.: -0.001 min
Response: 5287046
Conc: 9.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM41



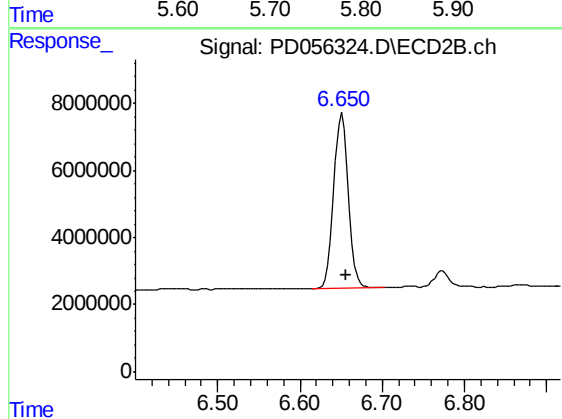
#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 9079035
Conc: 11.02 ng/ml



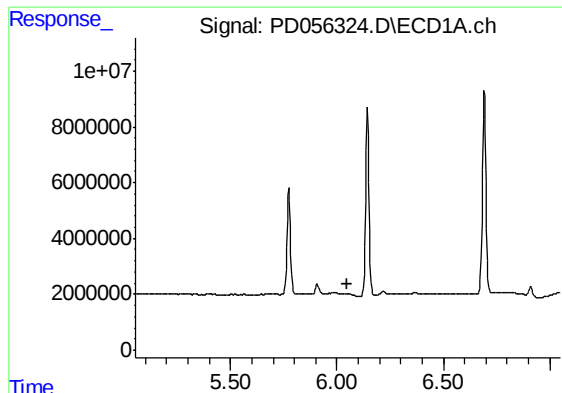
#14 Endrin

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 43244354
Conc: 51.75 ng/ml



#14 Endrin

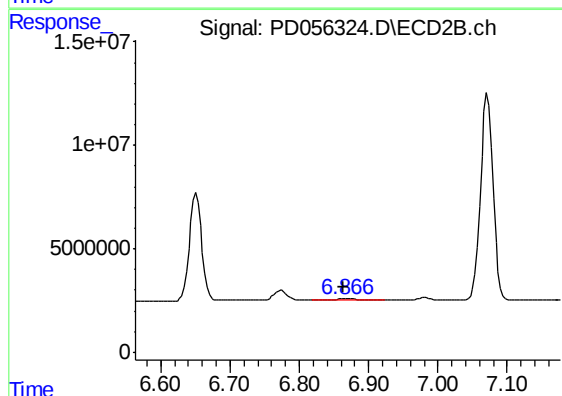
R.T.: 6.651 min
Delta R.T.: -0.004 min
Response: 64469106
Conc: 50.94 ng/ml



#15 Endosulfan II

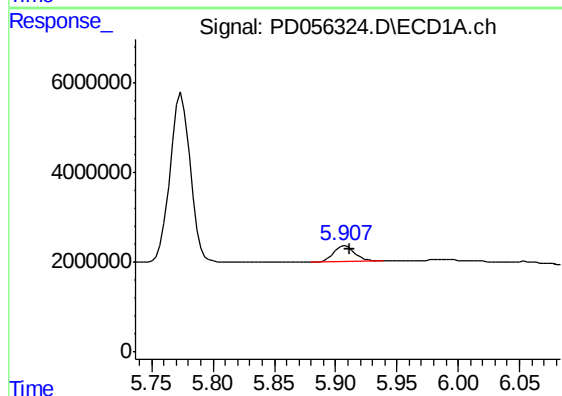
R.T.: 0.000 min
Exp R.T.: 6.051 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM41



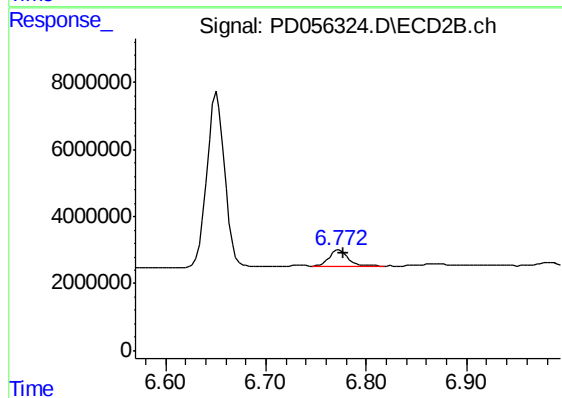
#15 Endosulfan II

R.T.: 6.868 min
Delta R.T.: 0.004 min
Response: 932241
Conc: 0.64 ng/ml



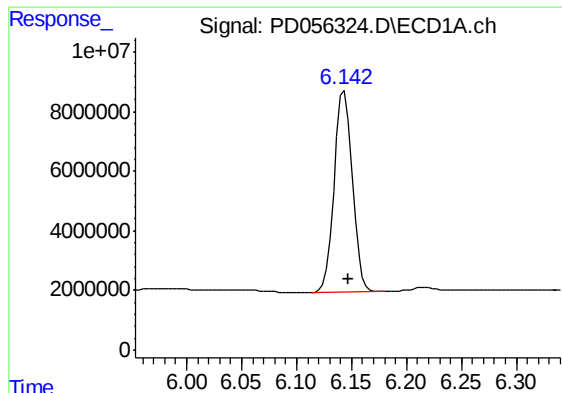
#16 4,4'-DDD

R.T.: 5.908 min
Delta R.T.: -0.004 min
Response: 4037188
Conc: 5.67 ng/ml



#16 4,4'-DDD

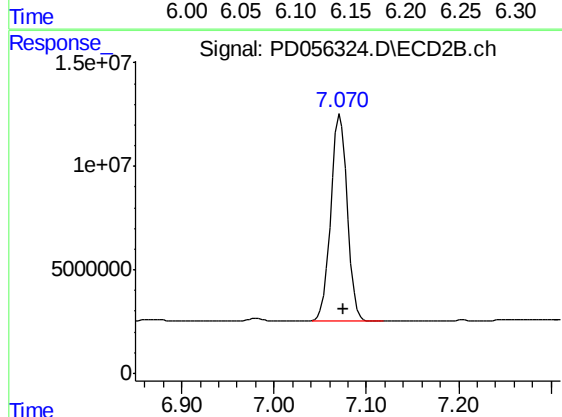
R.T.: 6.773 min
Delta R.T.: -0.004 min
Response: 5855079
Conc: 4.98 ng/ml



#17 4,4'-DDT

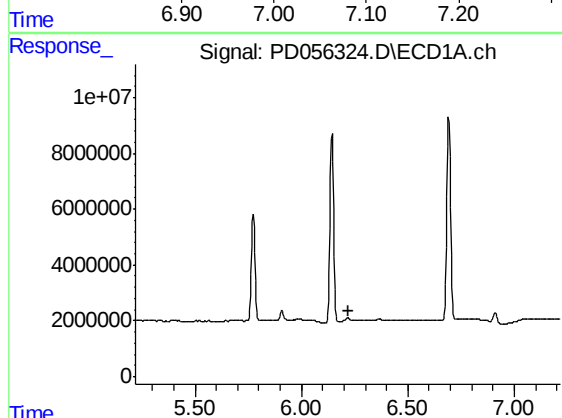
R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 78046931
Conc: 110.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM41



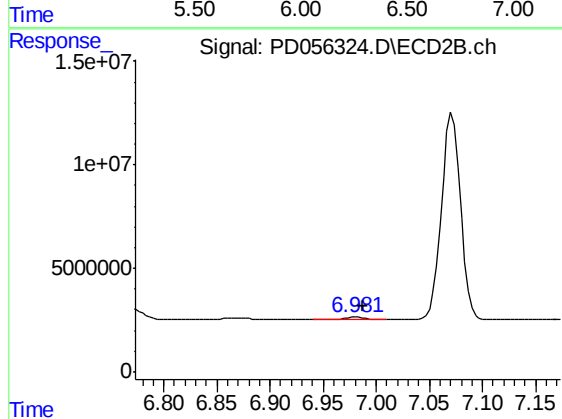
#17 4,4'-DDT

R.T.: 7.072 min
Delta R.T.: -0.004 min
Response: 123394389
Conc: 104.38 ng/ml



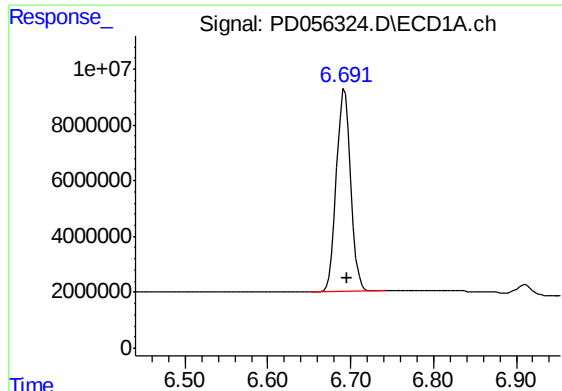
#18 Endrin aldehyde

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



#18 Endrin aldehyde

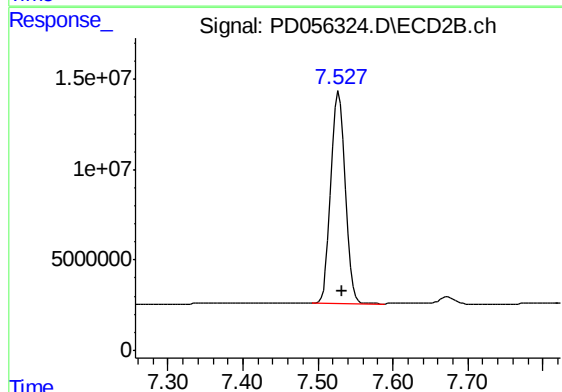
R.T.: 6.982 min
Delta R.T.: -0.005 min
Response: 1218412
Conc: 1.00 ng/ml



#20 Methoxychlor

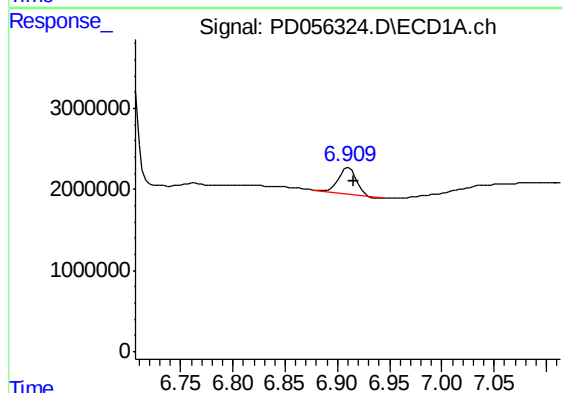
R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 88245532
Conc: 260.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM41



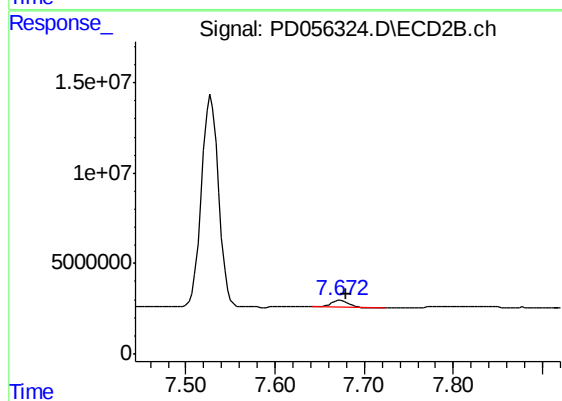
#20 Methoxychlor

R.T.: 7.528 min
Delta R.T.: -0.004 min
Response: 155496489
Conc: 256.66 ng/ml



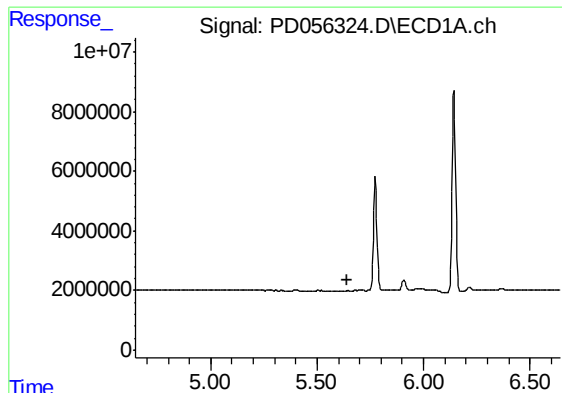
#21 Endrin ketone

R.T.: 6.911 min
Delta R.T.: -0.005 min
Response: 3717551
Conc: 3.84 ng/ml



#21 Endrin ketone

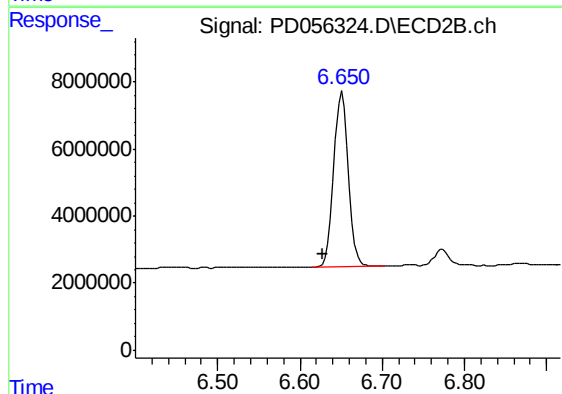
R.T.: 7.674 min
Delta R.T.: -0.005 min
Response: 4790920
Conc: 3.26 ng/ml



#23 Toxaphene-2

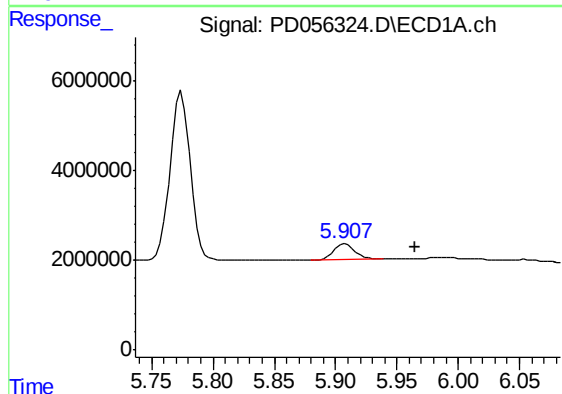
R.T.: 0.000 min
Exp R.T.: 5.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM41



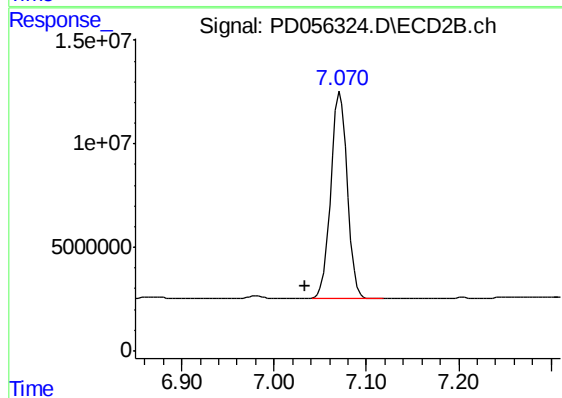
#23 Toxaphene-2

R.T.: 6.651 min
Delta R.T.: 0.023 min
Response: 64469106
Conc: 4671.55 ng/ml



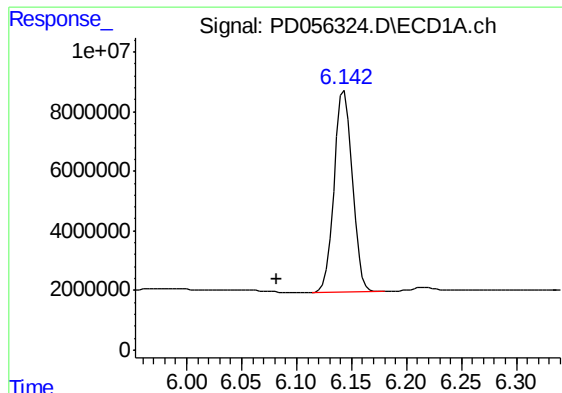
#24 Toxaphene-3

R.T.: 5.908 min
Delta R.T.: -0.057 min
Response: 4037188
Conc: 487.87 ng/ml



#24 Toxaphene-3

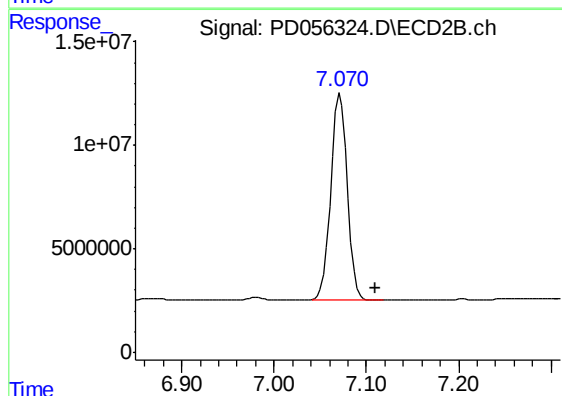
R.T.: 7.072 min
Delta R.T.: 0.039 min
Response: 123394389
Conc: 6272.79 ng/ml



#25 Toxaphene-4

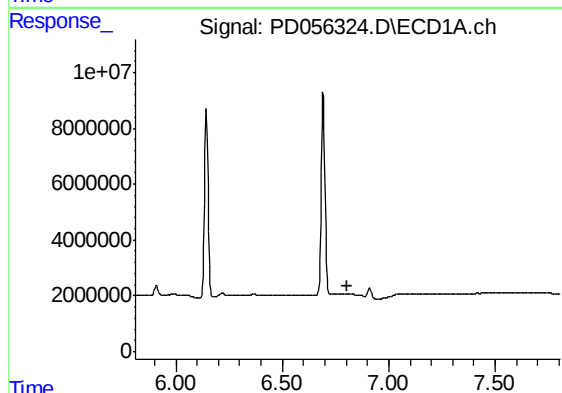
R.T.: 6.144 min
Delta R.T.: 0.061 min
Response: 78046931
Conc: 3150.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM41



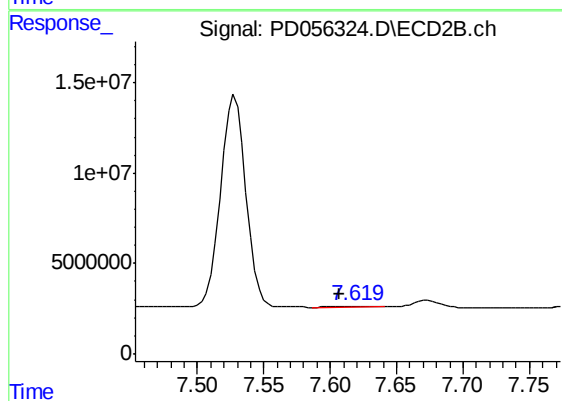
#25 Toxaphene-4

R.T.: 7.072 min
Delta R.T.: -0.038 min
Response: 123394389
Conc: 2234.78 ng/ml



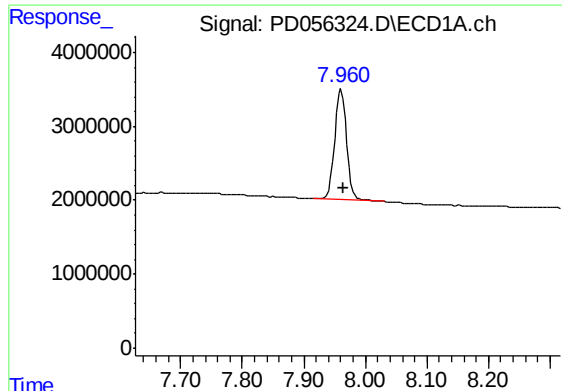
#26 Toxaphene-5

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



#26 Toxaphene-5

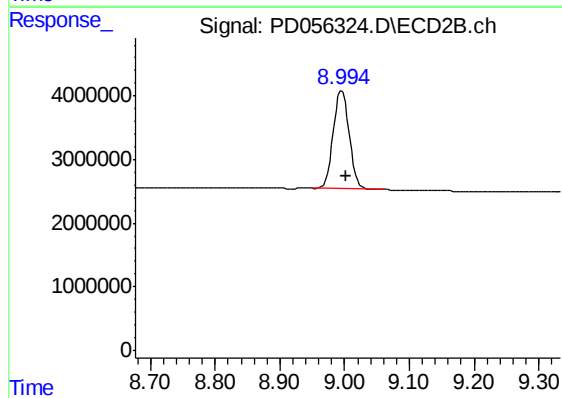
R.T.: 7.621 min
Delta R.T.: 0.013 min
Response: 1148812
Conc: 44.95 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.961 min
Delta R.T.: -0.004 min
Response: 20303959
Conc: 22.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM41



#27 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: -0.007 min
Response: 26271442
Conc: 21.84 ng/ml