

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121819\
 Data File : PD056594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2019 00:59
 Operator : SG\AJ
 Sample : PEM05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM05

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 04:52:01 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	13743210	24739163	16.594	20.577
27)	SA Decachlor...	7.960	8.997	16031399	23019223	17.754	19.133
Target Compounds							
2)	A alpha-BHC	3.713	4.348	9657314	16629243	8.203	9.970
3)	MA gamma-BHC...	3.989	4.631	10207606	16029349	9.090	9.932
4)	MA Heptachlor	4.239f	0.000	4266258	0	4.233	N.D. #
6)	B beta-BHC	4.239	4.800	4266258	7958160	7.926	9.657
8)	B Heptachlo...	0.000	5.819	0	11754874	N.D.	7.587
14)	MA Endrin	5.774	6.652	33522321	58004616	40.113	45.832
16)	A 4,4'-DDD	0.000	6.775	0	7608436	N.D.	6.466
17)	MA 4,4'-DDT	6.143	7.072	56108450	103.4E6	79.740	87.471
18)	B Endrin al...	0.000	6.984	0	1439916	N.D.	1.184
20)	A Methoxychlor	6.692	7.530	78034284	147.9E6	230.243	244.070
21)	B Endrin ke...	0.000	7.675	0	4774318	N.D.	3.245
23)	Toxaphene-2	0.000	6.652	0	58004616	N.D.	4203.125
24)	Toxaphene-3	0.000	7.072	0	103.4E6	N.D.	5256.587
25)	Toxaphene-4	6.143	7.072	56108450	103.4E6	2264.680	1872.744
26)	Toxaphene-5	0.000	7.623	0	1766899	N.D.	69.130

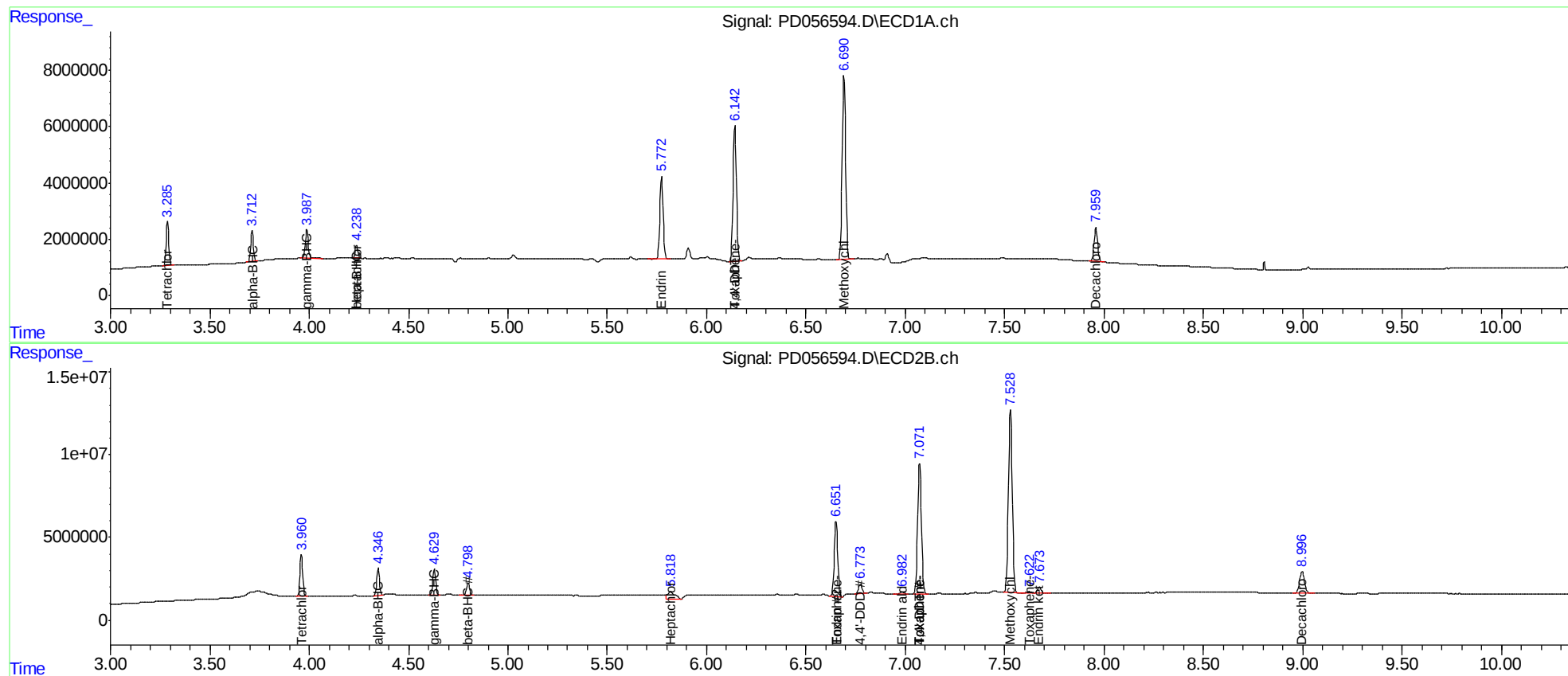
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

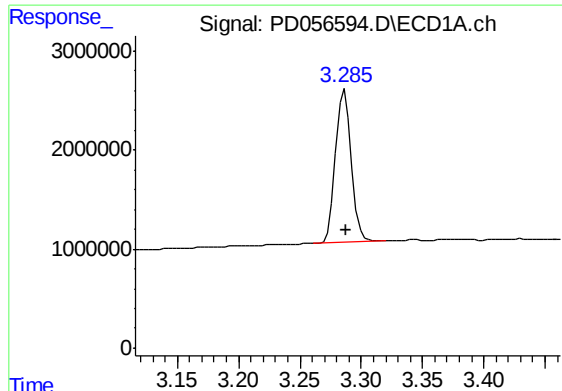
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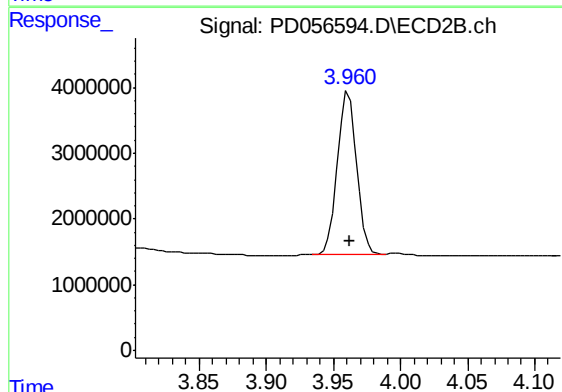




#1 Tetrachloro-m-xylene

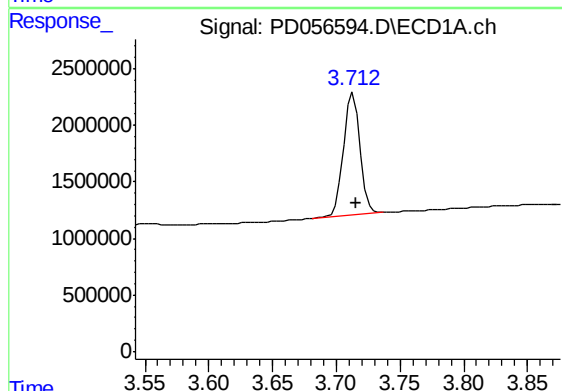
R.T.: 3.287 min
Delta R.T.: -0.001 min
Response: 13743210
Conc: 16.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM05



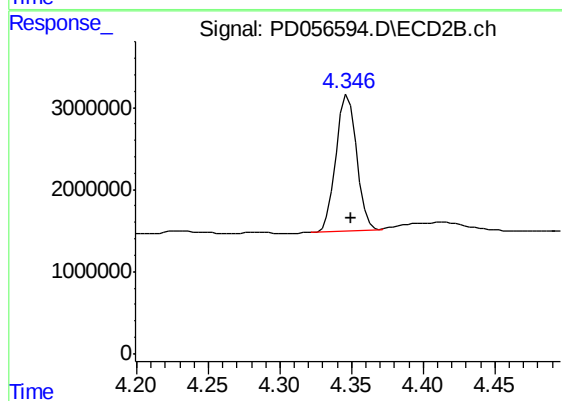
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: -0.001 min
Response: 24739163
Conc: 20.58 ng/ml



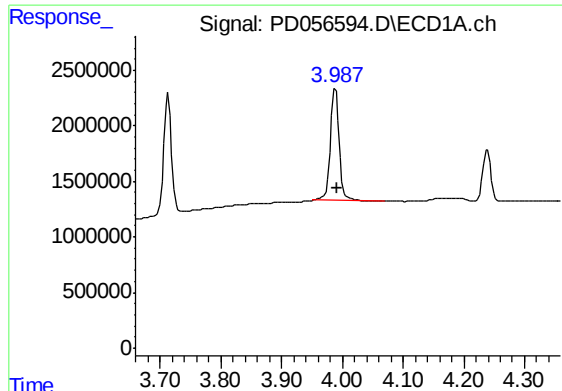
#2 alpha-BHC

R.T.: 3.713 min
Delta R.T.: -0.002 min
Response: 9657314
Conc: 8.20 ng/ml



#2 alpha-BHC

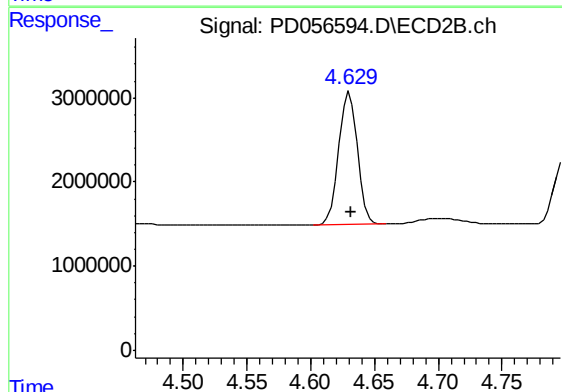
R.T.: 4.348 min
Delta R.T.: -0.002 min
Response: 16629243
Conc: 9.97 ng/ml



#3 gamma-BHC (Lindane)

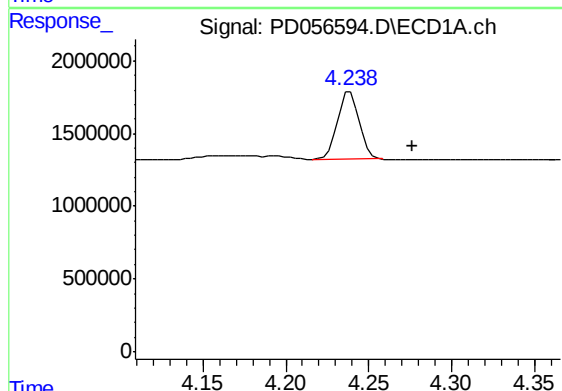
R.T.: 3.989 min
Delta R.T.: -0.002 min
Response: 10207606
Conc: 9.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM05



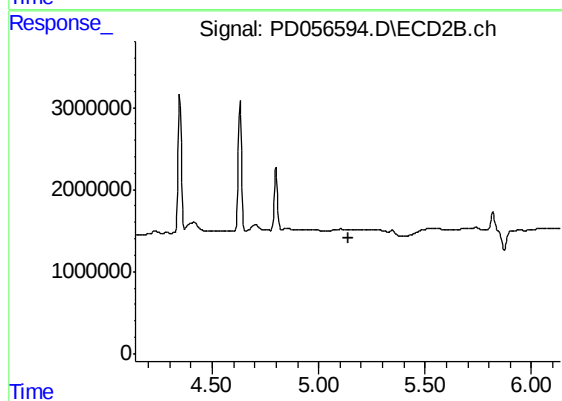
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: -0.002 min
Response: 16029349
Conc: 9.93 ng/ml



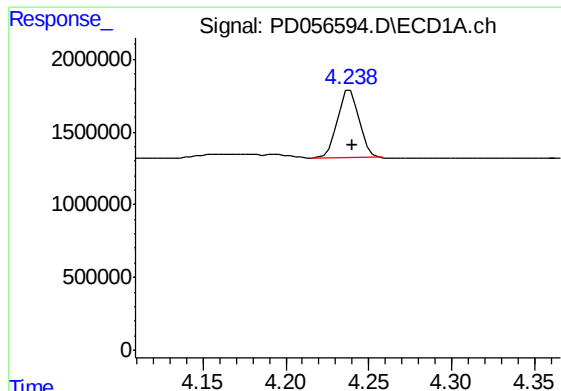
#4 Heptachlor

R.T.: 4.239 min
Delta R.T.: -0.037 min
Response: 4266258
Conc: 4.23 ng/ml



#4 Heptachlor

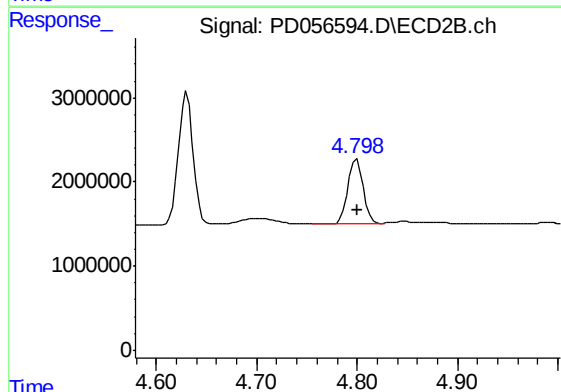
R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



#6 beta-BHC

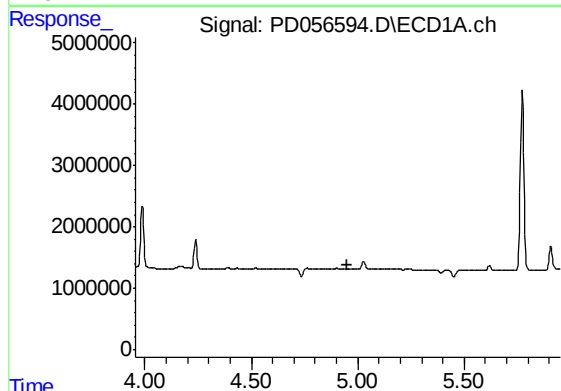
R.T.: 4.239 min
Delta R.T.: -0.001 min
Response: 4266258
Conc: 7.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM05



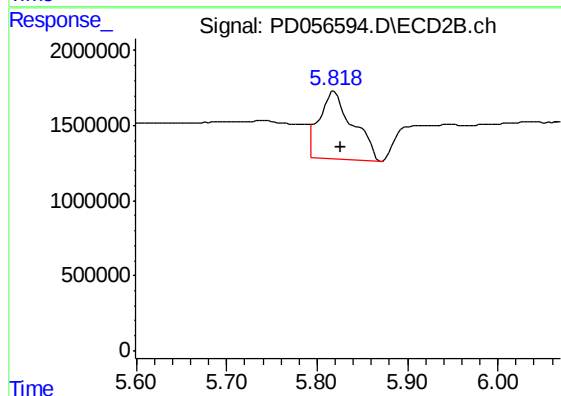
#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: -0.001 min
Response: 7958160
Conc: 9.66 ng/ml



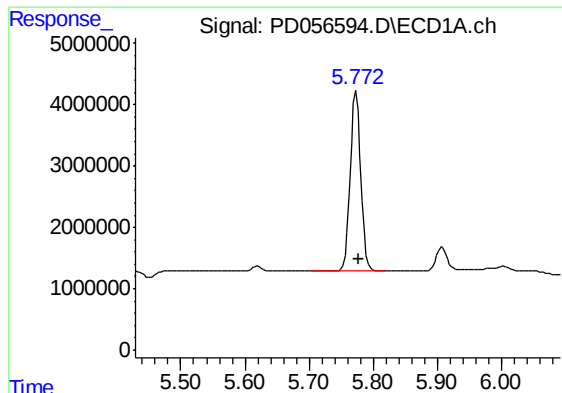
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

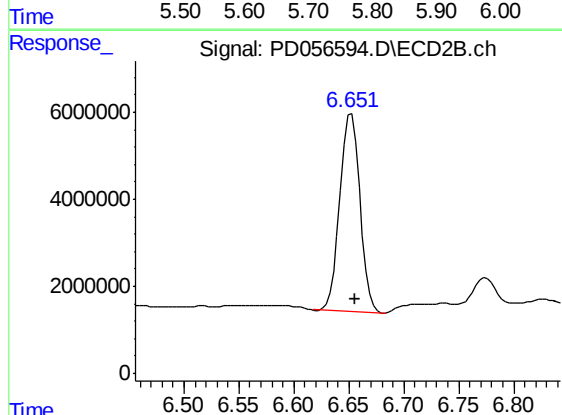
R.T.: 5.819 min
Delta R.T.: -0.007 min
Response: 11754874
Conc: 7.59 ng/ml



#14 Endrin

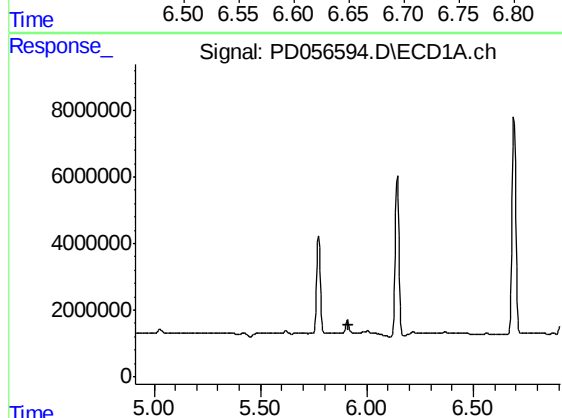
R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 33522321
Conc: 40.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM05



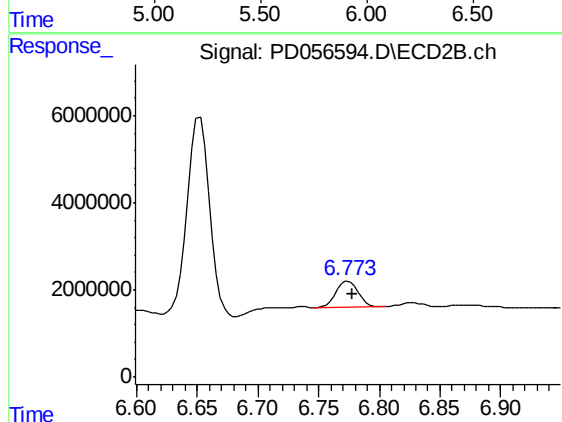
#14 Endrin

R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: 58004616
Conc: 45.83 ng/ml



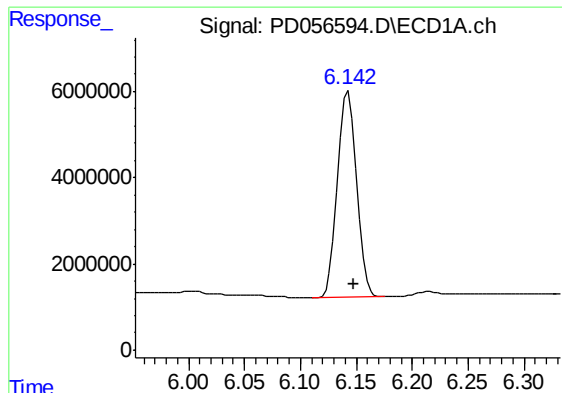
#16 4,4'-DDD

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



#16 4,4'-DDD

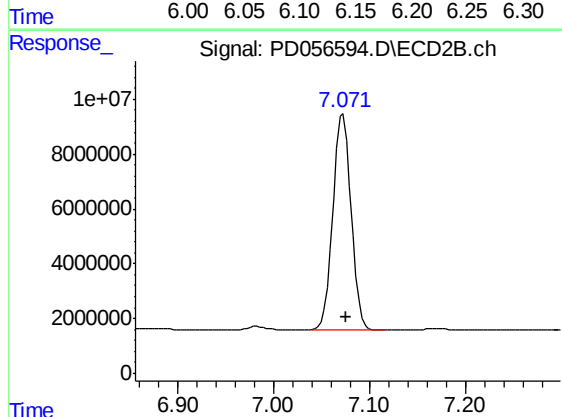
R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 7608436
Conc: 6.47 ng/ml



#17 4,4'-DDT

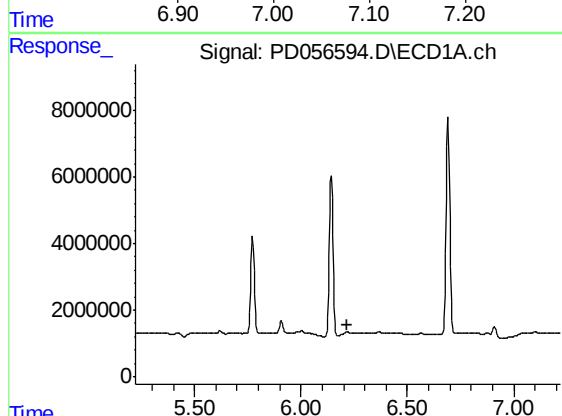
R.T.: 6.143 min
Delta R.T.: -0.004 min
Response: 56108450
Conc: 79.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM05



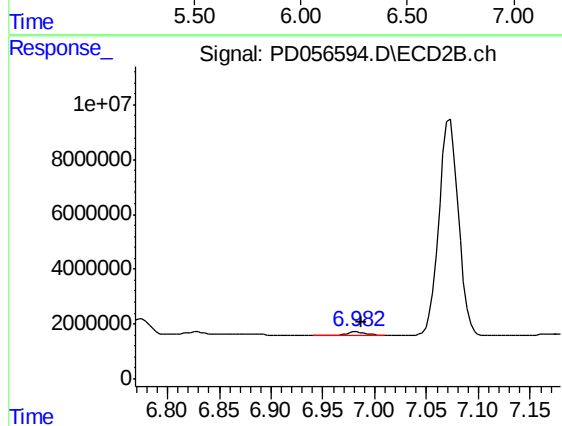
#17 4,4'-DDT

R.T.: 7.072 min
Delta R.T.: -0.003 min
Response: 103404276
Conc: 87.47 ng/ml



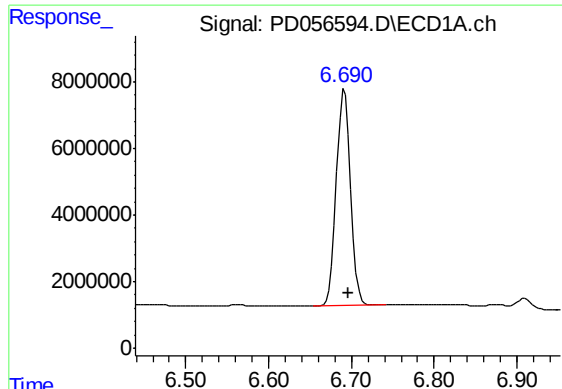
#18 Endrin aldehyde

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



#18 Endrin aldehyde

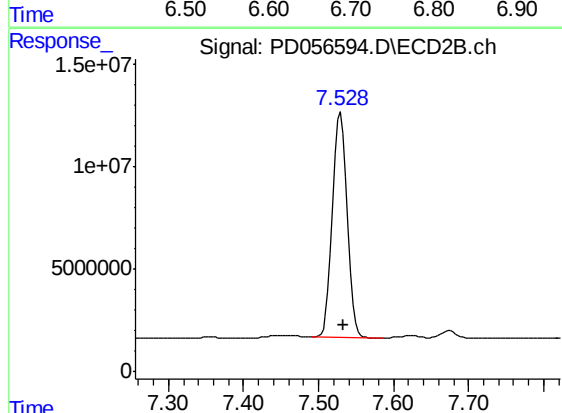
R.T.: 6.984 min
Delta R.T.: -0.003 min
Response: 1439916
Conc: 1.18 ng/ml



#20 Methoxychlor

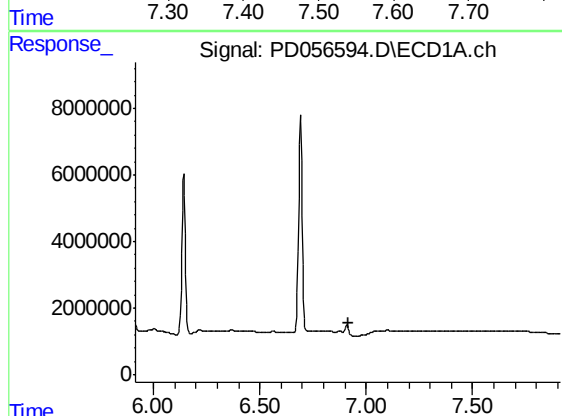
R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 78034284
Conc: 230.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM05



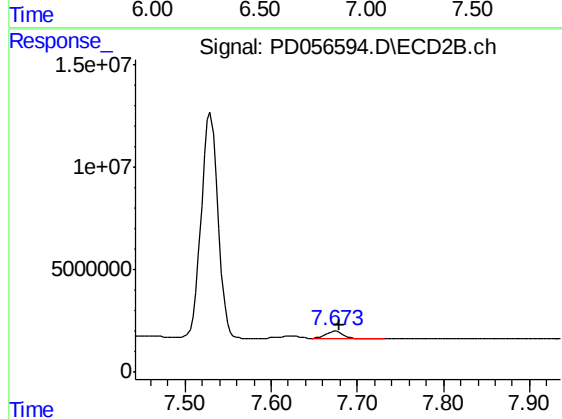
#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: -0.003 min
Response: 147867870
Conc: 244.07 ng/ml



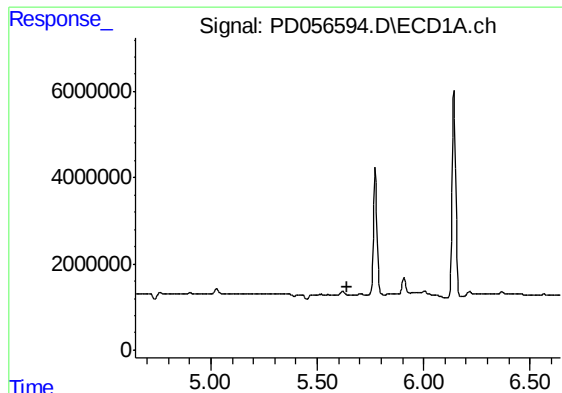
#21 Endrin ketone

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



#21 Endrin ketone

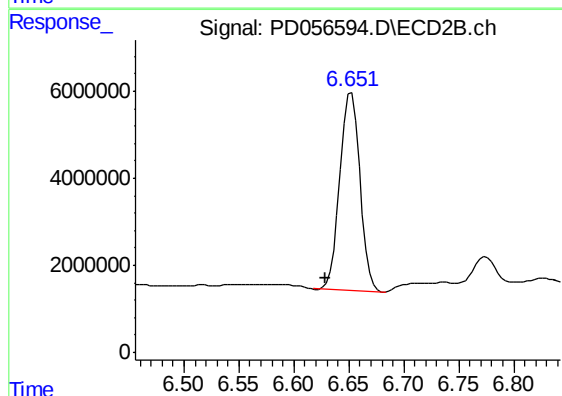
R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 4774318
Conc: 3.24 ng/ml



#23 Toxaphene-2

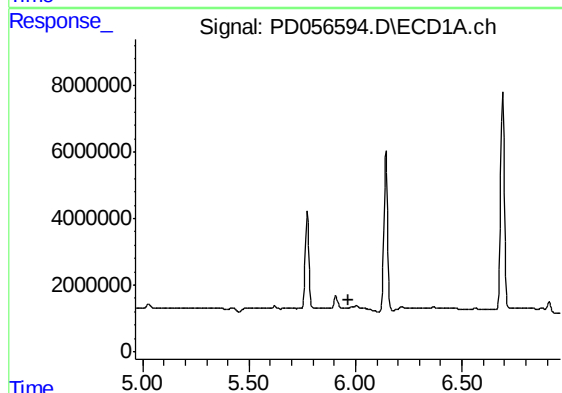
R.T.: 0.000 min
Exp R.T. : 5.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM05



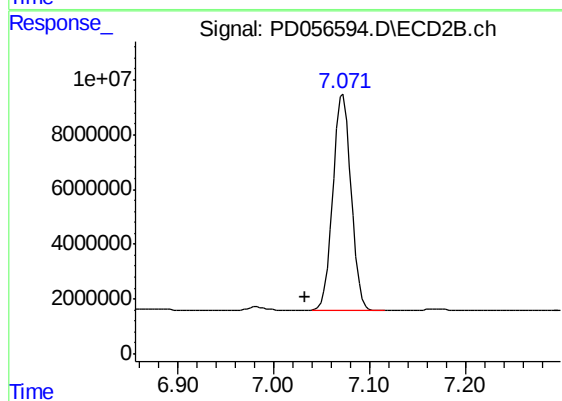
#23 Toxaphene-2

R.T.: 6.652 min
Delta R.T.: 0.024 min
Response: 58004616
Conc: 4203.13 ng/ml



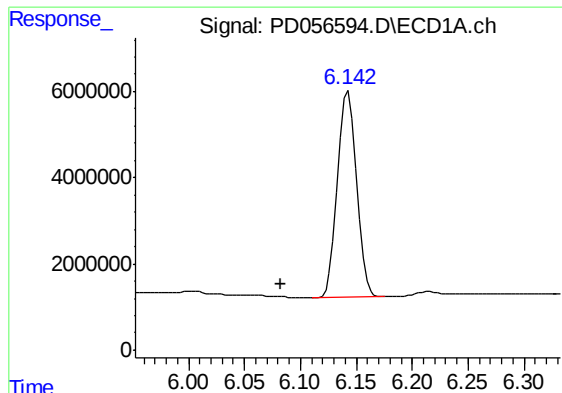
#24 Toxaphene-3

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



#24 Toxaphene-3

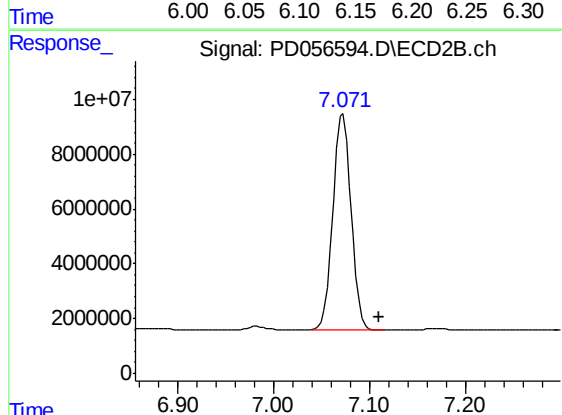
R.T.: 7.072 min
Delta R.T.: 0.039 min
Response: 103404276
Conc: 5256.59 ng/ml



#25 Toxaphene-4

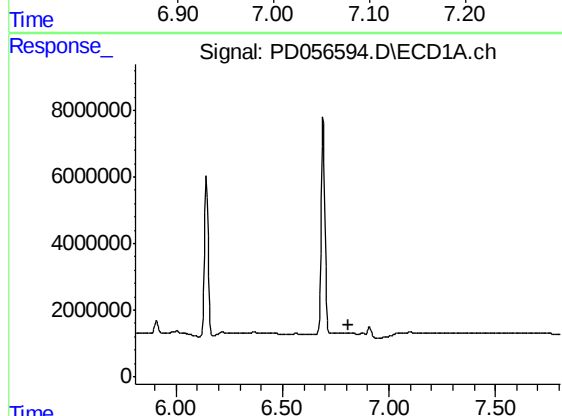
R.T.: 6.143 min
Delta R.T.: 0.060 min
Response: 56108450
Conc: 2264.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM05



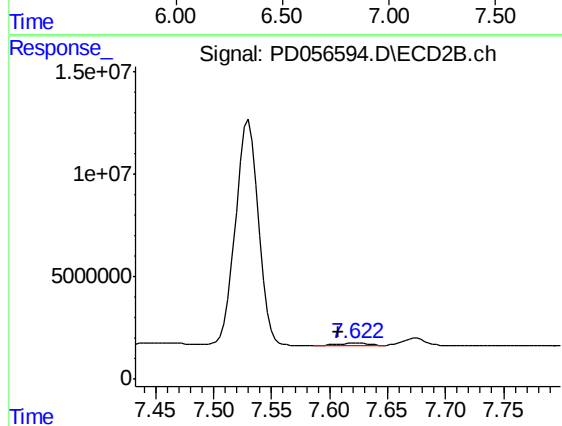
#25 Toxaphene-4

R.T.: 7.072 min
Delta R.T.: -0.037 min
Response: 103404276
Conc: 1872.74 ng/ml



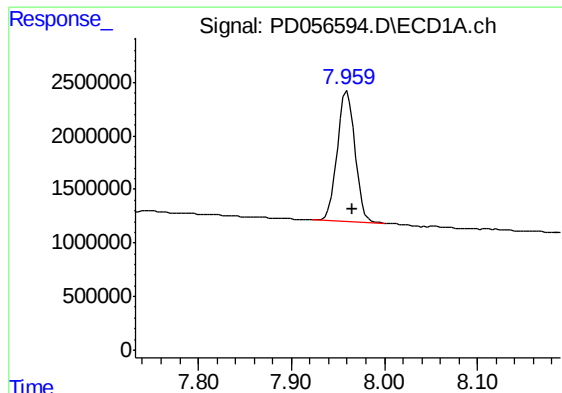
#26 Toxaphene-5

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



#26 Toxaphene-5

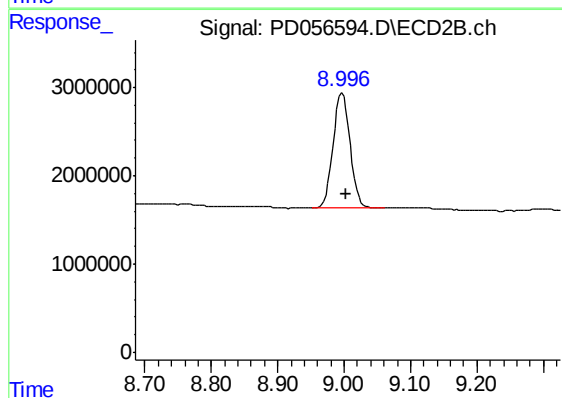
R.T.: 7.623 min
Delta R.T.: 0.016 min
Response: 1766899
Conc: 69.13 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.960 min
Delta R.T.: -0.005 min
Response: 16031399
Conc: 17.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM05



#27 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.005 min
Response: 23019223
Conc: 19.13 ng/ml