

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
 Data File : PD057189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2020 14:55
 Operator : AJ\MA
 Sample : PEM19
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM61

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 02:48:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021020CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 11 04:58:40 2020
 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...	3.285	3.961	16999362	39446601	20.464	21.168
27)	SA Decachlor...	7.956	8.998	20508880	43720370	19.769	19.340
Target Compounds							
2)	A alpha-BHC	3.712	4.348	12719063	29147233	9.873	10.266
3)	MA gamma-BHC...	3.987	4.630	12311213	28337418	9.708	10.001
4)	MA Heptachlor	4.237f	0.000	5468406	0	7.149	N.D. #
6)	B beta-BHC	4.237	4.800	5468406	12591256	10.950	10.862
14)	MA Endrin	5.771	6.652	42139789	105.2E6	47.953	50.005
16)	A 4,4'-DDD	5.905	0.000	547938	0	0.791	N.D. #
17)	MA 4,4'-DDT	6.140	7.073	72545236	204.7E6	111.484	107.839
18)	B Endrin al...	6.213	0.000	366790	0	0.452	N.D. #
20)	A Methoxychlor	6.688	7.530	71117203	227.7E6	254.016	252.401
21)	B Endrin ke...	6.906	0.000	2493592	0	2.745	N.D. #
23)	Toxaphene-2	0.000	6.652	0	105.2E6	N.D.	6397.906
24)	Toxaphene-3	5.905	7.073	547938	204.7E6	109.519	10123.681 #
25)	Toxaphene-4	6.140	7.073	72545236	204.7E6	4441.705	3410.592

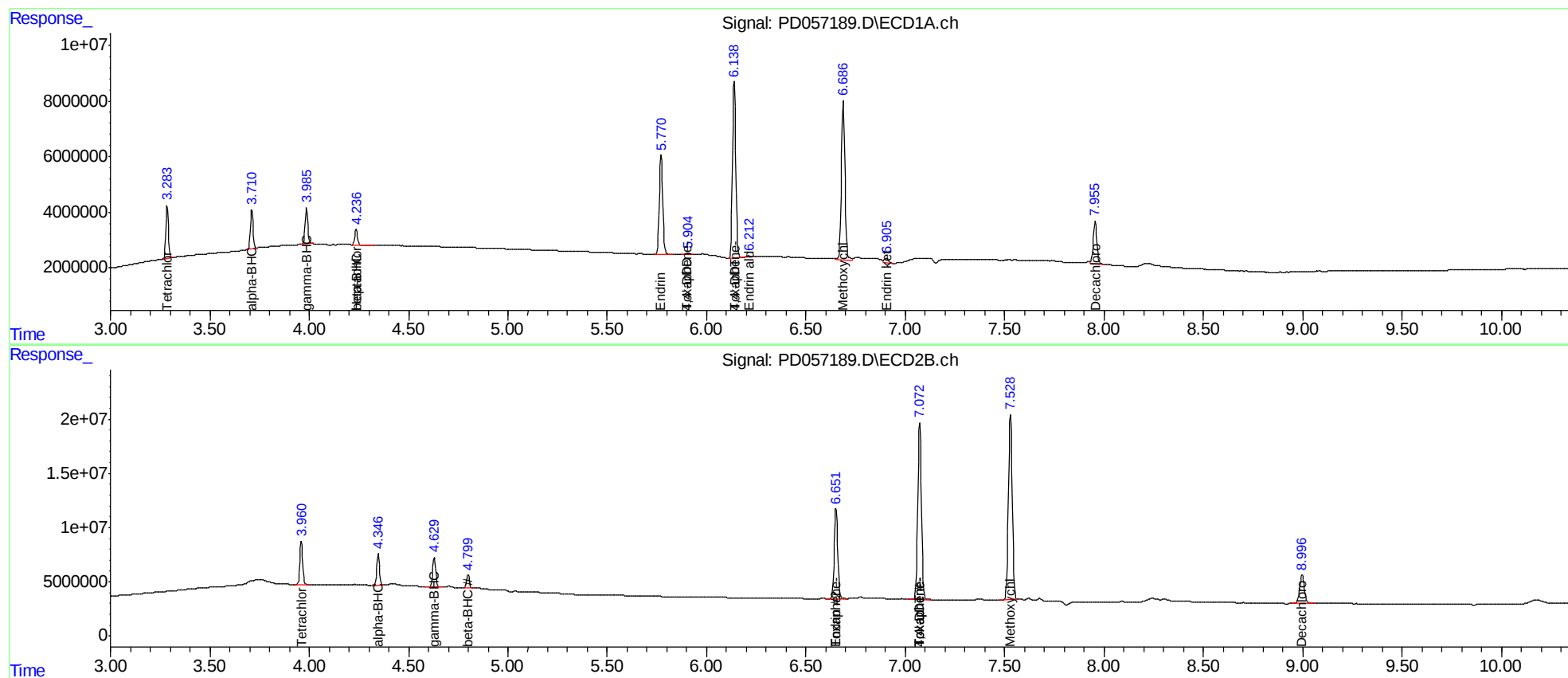
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

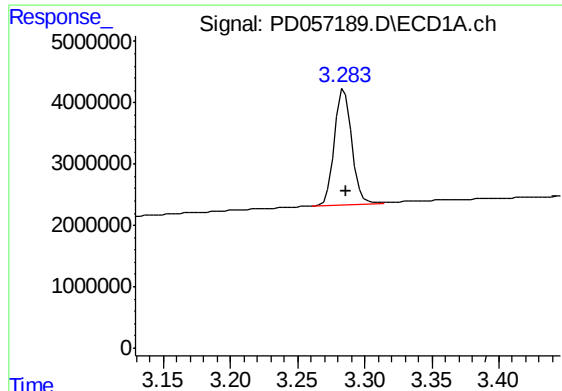
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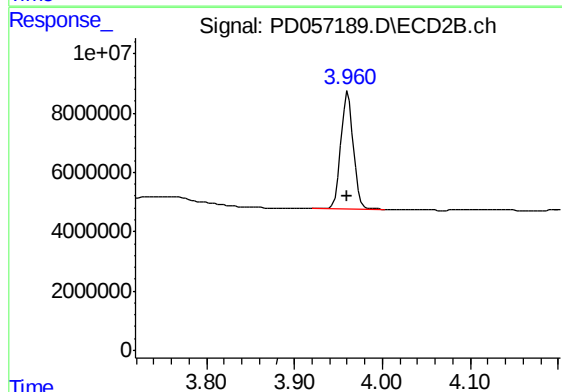




#1 Tetrachloro-m-xylene

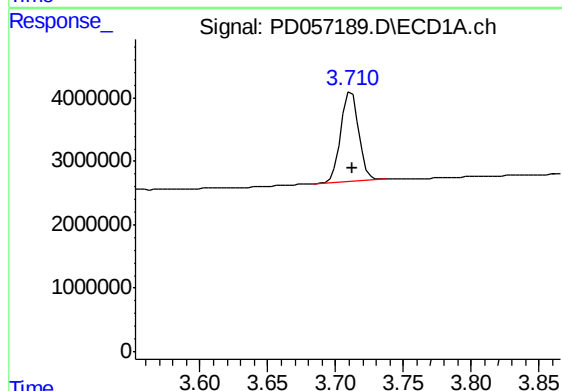
R.T.: 3.285 min
Delta R.T.: -0.001 min
Response: 16999362
Conc: 20.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM61



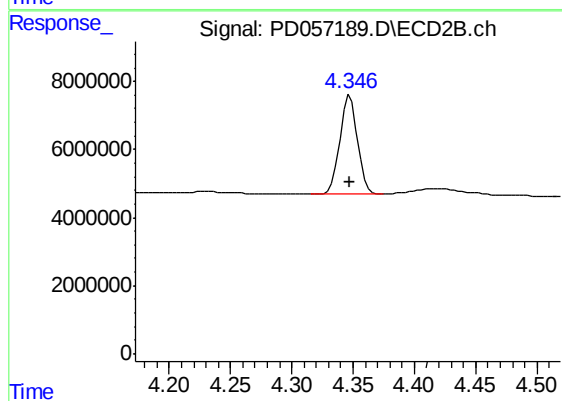
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 39446601
Conc: 21.17 ng/ml



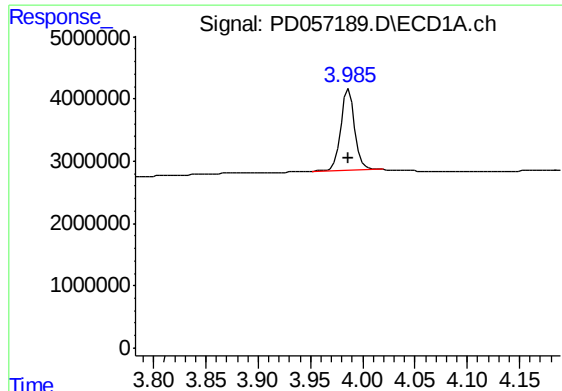
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: 0.000 min
Response: 12719063
Conc: 9.87 ng/ml



#2 alpha-BHC

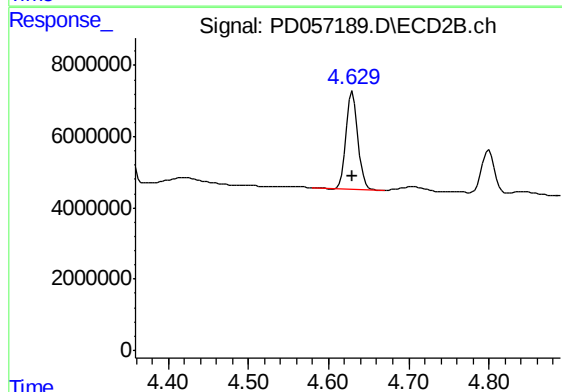
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 29147233
Conc: 10.27 ng/ml



#3 gamma-BHC (Lindane)

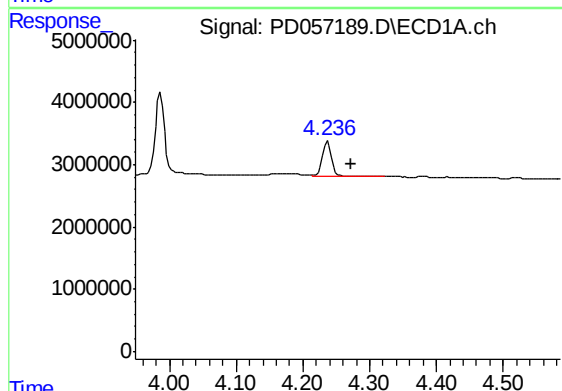
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 12311213
Conc: 9.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM61



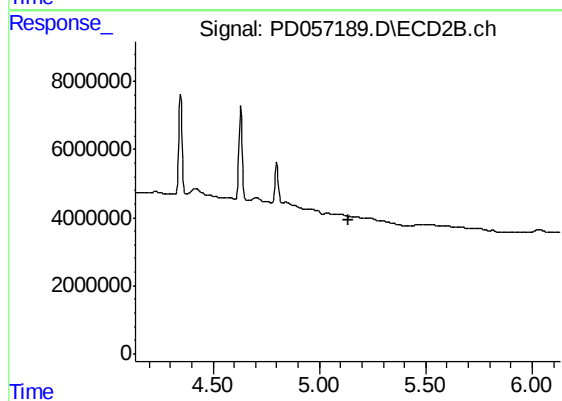
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 28337418
Conc: 10.00 ng/ml



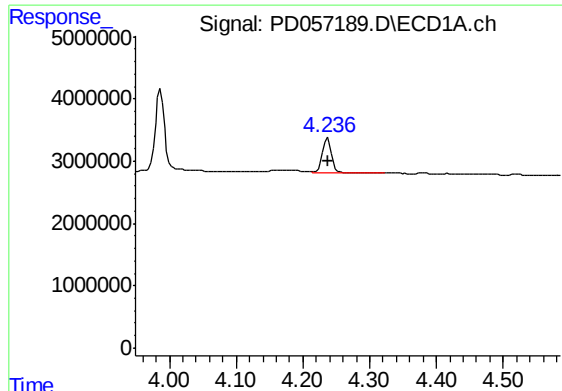
#4 Heptachlor

R.T.: 4.237 min
Delta R.T.: -0.034 min
Response: 5468406
Conc: 7.15 ng/ml



#4 Heptachlor

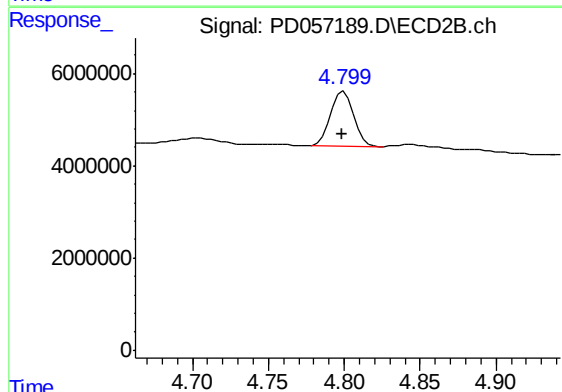
R.T.: 0.000 min
Exp R.T. : 5.135 min
Response: 0
Conc: N.D.



#6 beta-BHC

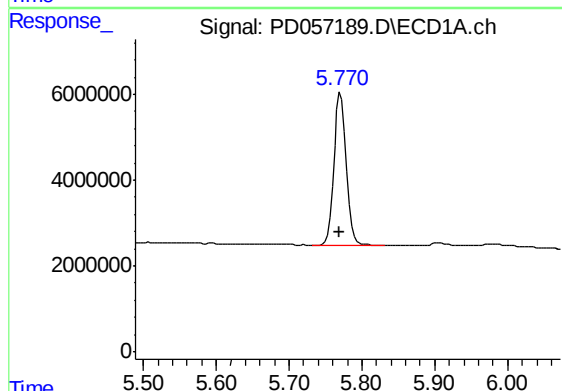
R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 5468406
Conc: 10.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM61



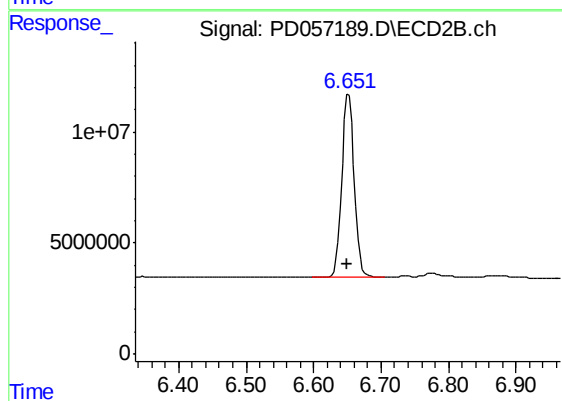
#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.001 min
Response: 12591256
Conc: 10.86 ng/ml



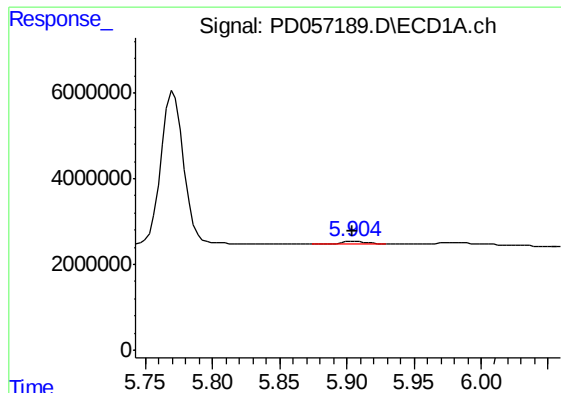
#14 Endrin

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 42139789
Conc: 47.95 ng/ml



#14 Endrin

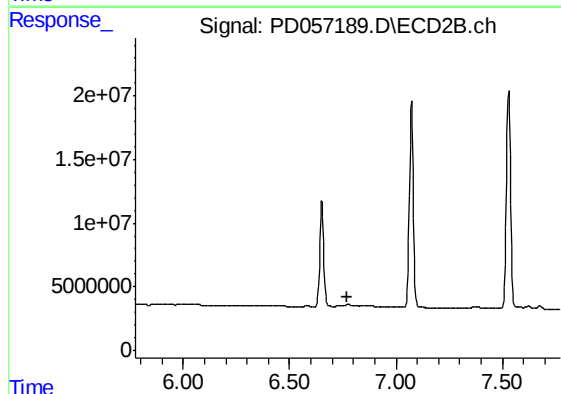
R.T.: 6.652 min
Delta R.T.: 0.002 min
Response: 105226349
Conc: 50.00 ng/ml



#16 4,4'-DDD

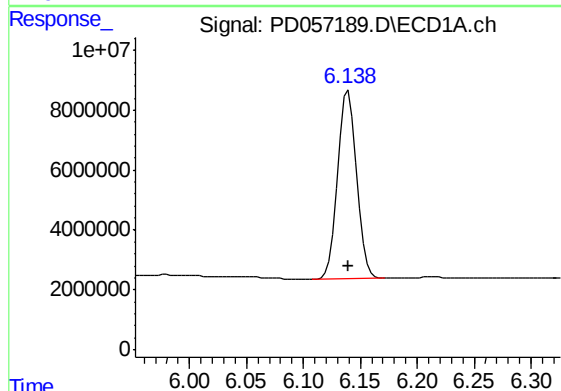
R.T.: 5.905 min
Delta R.T.: 0.001 min
Response: 547938
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM61



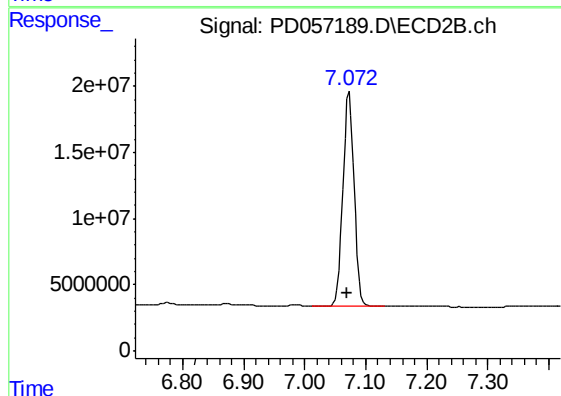
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 6.774 min
Response: 0
Conc: N.D.



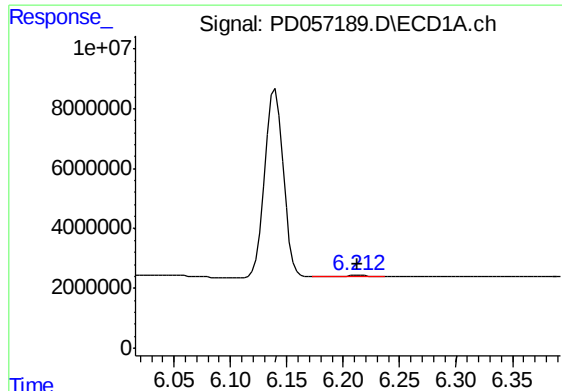
#17 4,4'-DDT

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 72545236
Conc: 111.48 ng/ml



#17 4,4'-DDT

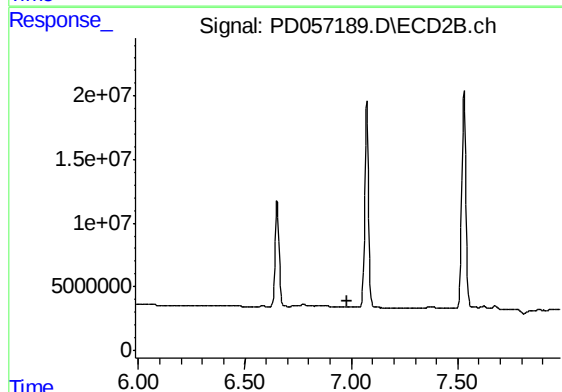
R.T.: 7.073 min
Delta R.T.: 0.002 min
Response: 204745607
Conc: 107.84 ng/ml



#18 Endrin aldehyde

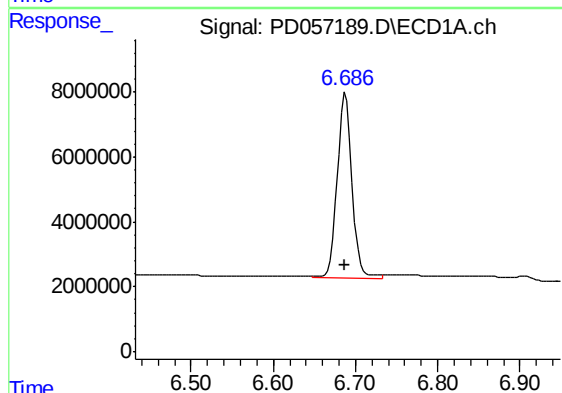
R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 366790
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM61



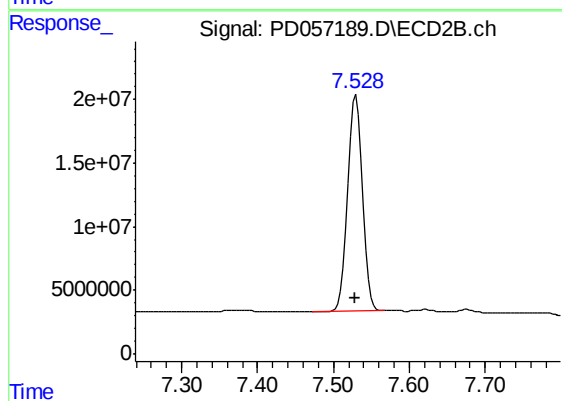
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.983 min
Response: 0
Conc: N.D.



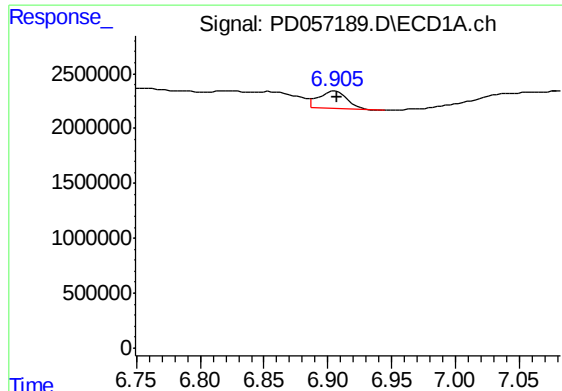
#20 Methoxychlor

R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 71117203
Conc: 254.02 ng/ml



#20 Methoxychlor

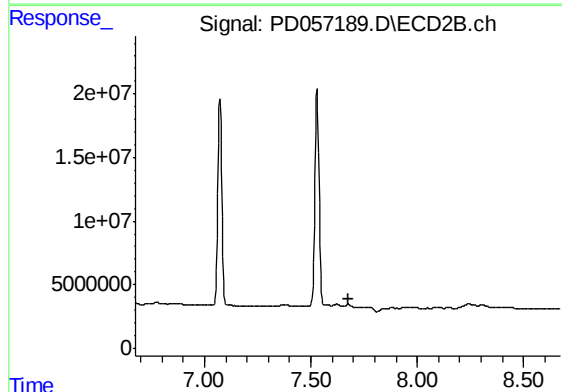
R.T.: 7.530 min
Delta R.T.: 0.001 min
Response: 227709516
Conc: 252.40 ng/ml



#21 Endrin ketone

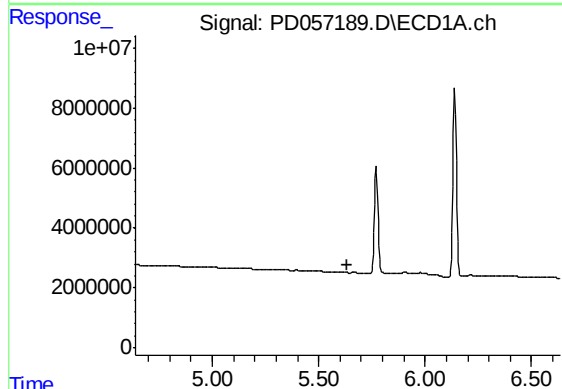
R.T.: 6.906 min
Delta R.T.: -0.001 min
Response: 2493592
Conc: 2.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM61



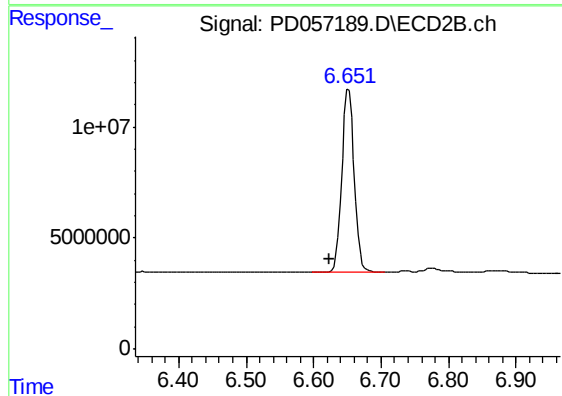
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.674 min
Response: 0
Conc: N.D.



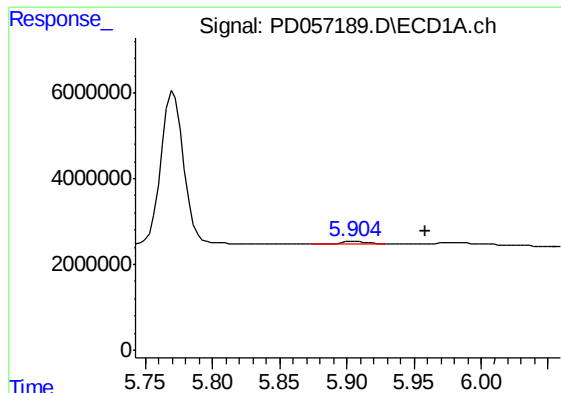
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T. : 5.637 min
Response: 0
Conc: N.D.



#23 Toxaphene-2

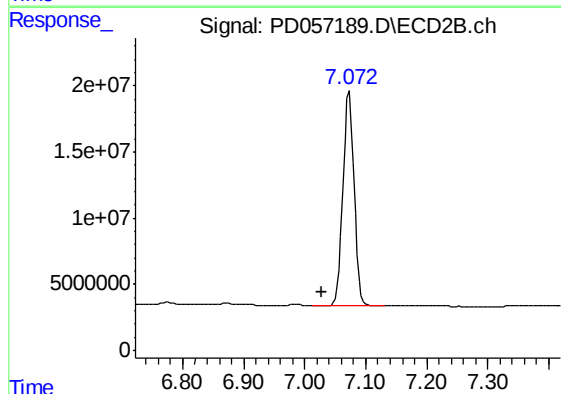
R.T.: 6.652 min
Delta R.T.: 0.028 min
Response: 105226349
Conc: 6397.91 ng/ml



#24 Toxaphene-3

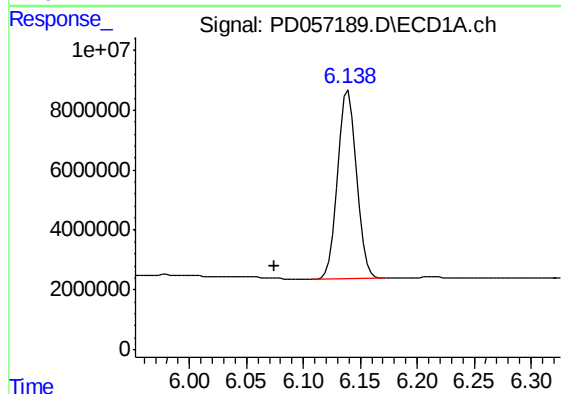
R.T.: 5.905 min
Delta R.T.: -0.053 min
Response: 547938
Conc: 109.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM61



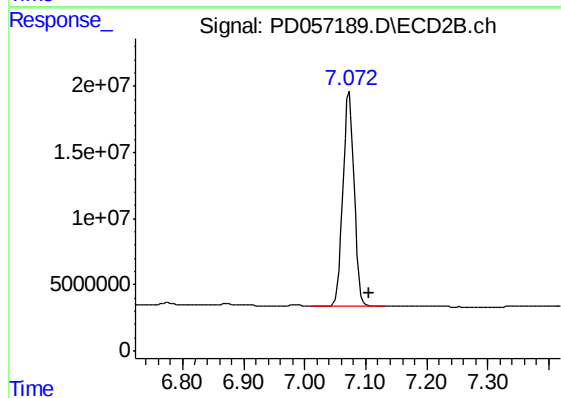
#24 Toxaphene-3

R.T.: 7.073 min
Delta R.T.: 0.045 min
Response: 204745607
Conc: 10123.68 ng/ml



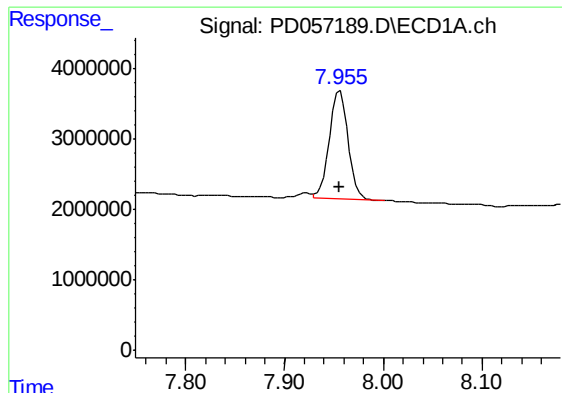
#25 Toxaphene-4

R.T.: 6.140 min
Delta R.T.: 0.065 min
Response: 72545236
Conc: 4441.71 ng/ml



#25 Toxaphene-4

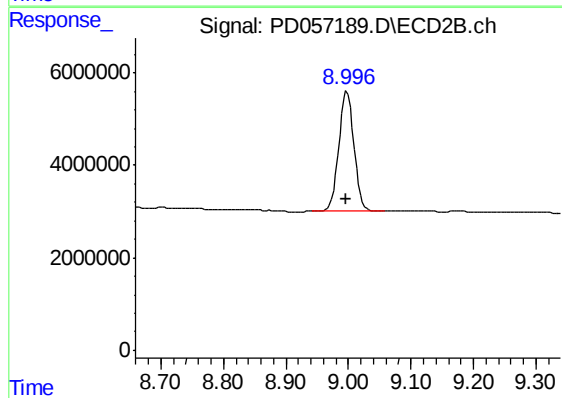
R.T.: 7.073 min
Delta R.T.: -0.032 min
Response: 204745607
Conc: 3410.59 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 20508880
Conc: 19.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM61



#27 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 43720370
Conc: 19.34 ng/ml