

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111319\
 Data File : PD055911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2019 09:33
 Operator : SG\AJ
 Sample : PEM20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM20

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 00:38:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 02 07:20:38 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...	3.292	3.961	16698591	22590691	22.183	21.557
27)	SA Decachlor...	7.967	8.997	18843795	24801663	23.118	21.841
Target Compounds							
2)	A alpha-BHC	3.719	4.348	11468971	16305125	10.893	11.442
3)	MA gamma-BHC...	3.995	4.631	10811192	14811522	10.570	10.513
4)	MA Heptachlor	4.244f	0.000	4837736	0	5.109	N.D. #
6)	B beta-BHC	4.244	4.799	4837736	8090603	10.696	11.564
14)	MA Endrin	5.780	6.652	39855274	64971268	49.681	56.434
16)	A 4,4'-DDD	0.000	6.774	0	2012860	N.D.	1.803
17)	MA 4,4'-DDT	6.150	7.073	70492239	124.9E6	108.780	114.849
18)	B Endrin al...	6.150f	0.000	70492239	0	98.676	N.D. #
20)	A Methoxychlor	6.698	7.529	73058660	159.5E6	195.315	255.870 #
21)	B Endrin ke...	0.000	7.675	0	1559753	N.D.	1.183
23)	Toxaphene-2	0.000	6.652	0	64971268	N.D.	5413.062
24)	Toxaphene-3	0.000	7.073	0	124.9E6	N.D.	6738.704
25)	Toxaphene-4	6.150	7.073	70492239	124.9E6	3090.911	2424.020

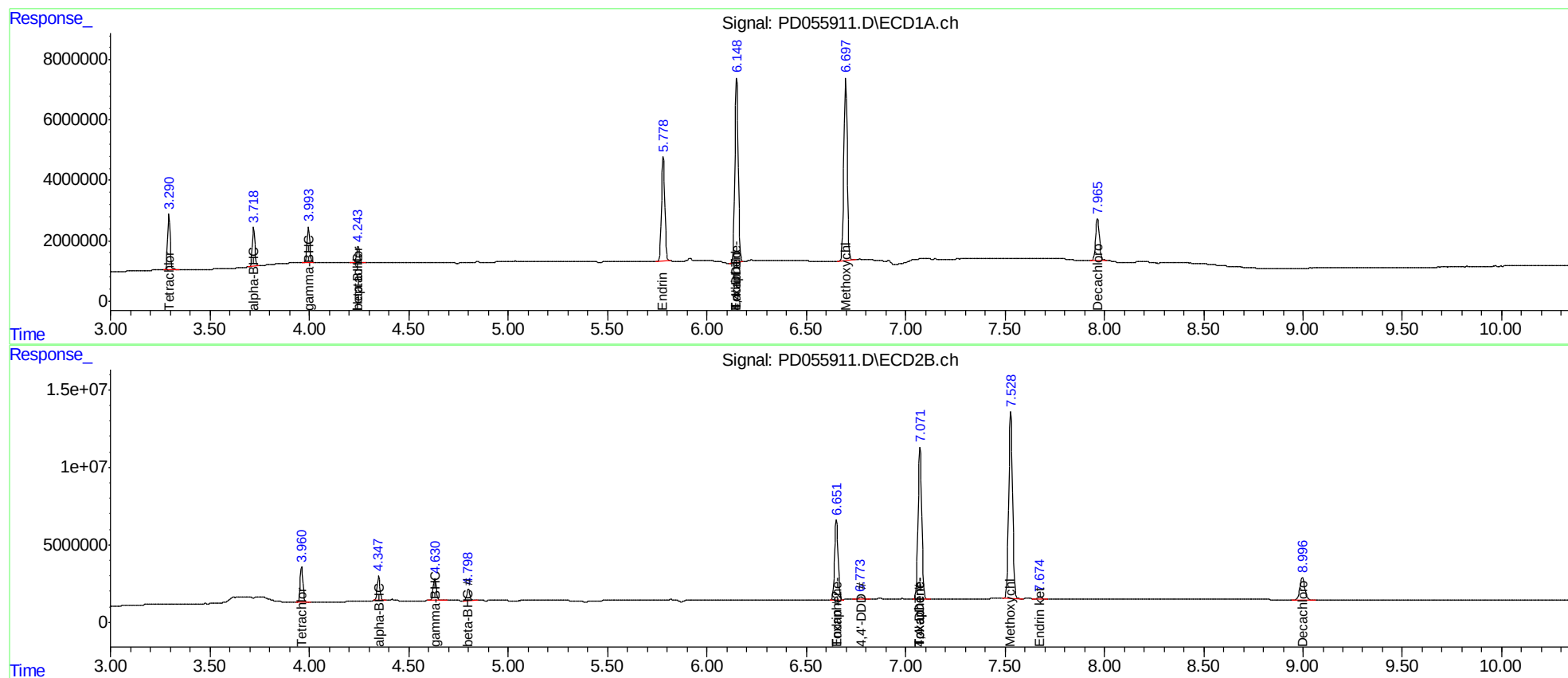
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

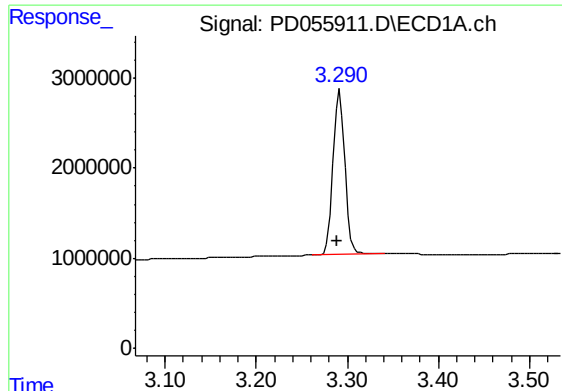
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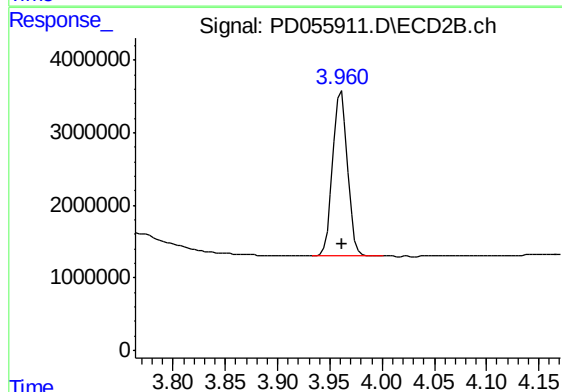




#1 Tetrachloro-m-xylene

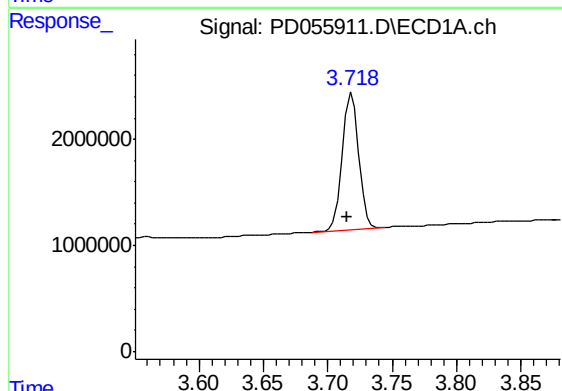
R.T.: 3.292 min
Delta R.T.: 0.003 min
Response: 16698591
Conc: 22.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM20



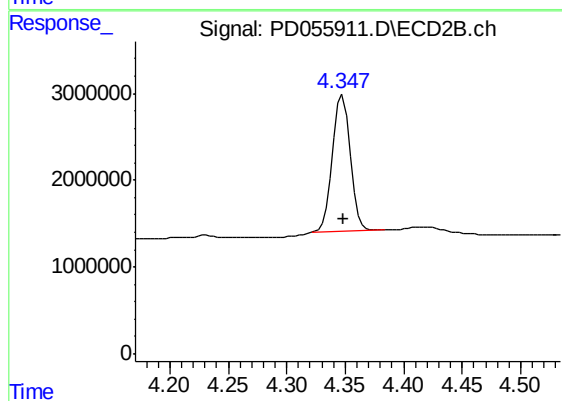
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 22590691
Conc: 21.56 ng/ml



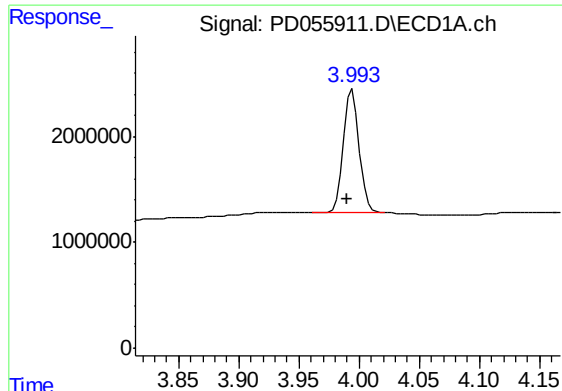
#2 alpha-BHC

R.T.: 3.719 min
Delta R.T.: 0.003 min
Response: 11468971
Conc: 10.89 ng/ml



#2 alpha-BHC

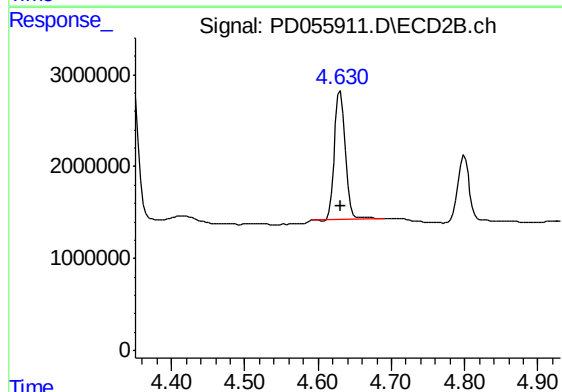
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 16305125
Conc: 11.44 ng/ml



#3 gamma-BHC (Lindane)

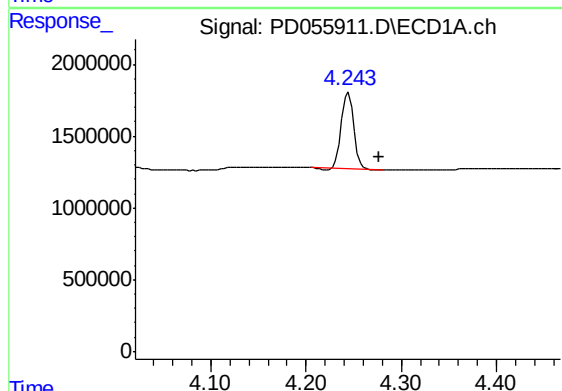
R.T.: 3.995 min
Delta R.T.: 0.004 min
Response: 10811192
Conc: 10.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM20



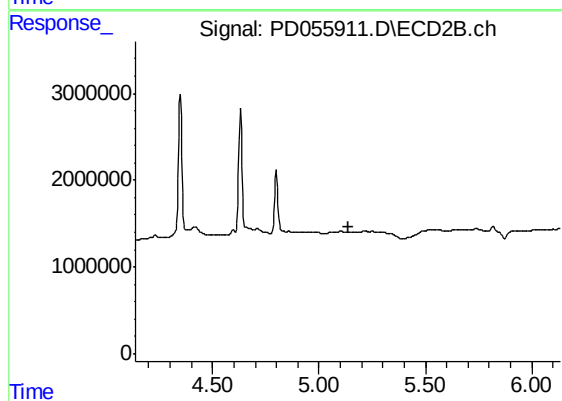
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 14811522
Conc: 10.51 ng/ml



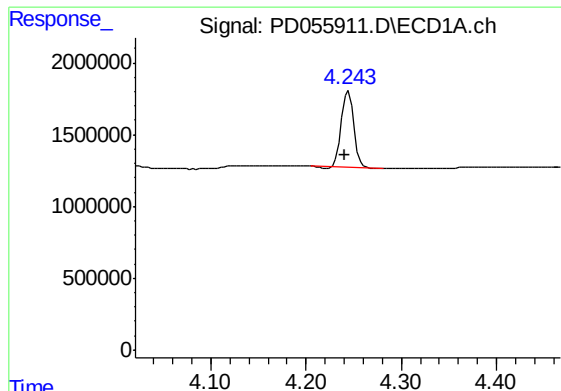
#4 Heptachlor

R.T.: 4.244 min
Delta R.T.: -0.032 min
Response: 4837736
Conc: 5.11 ng/ml



#4 Heptachlor

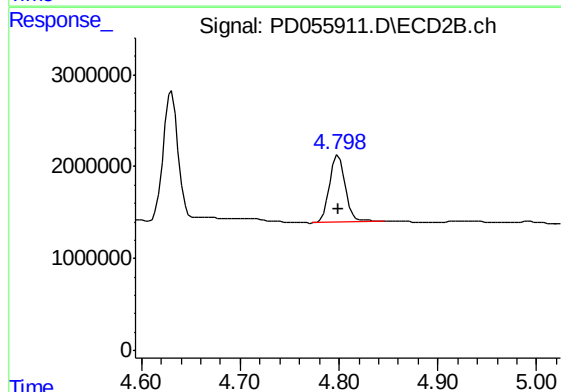
R.T.: 0.000 min
Exp R.T. : 5.137 min
Response: 0
Conc: N.D.



#6 beta-BHC

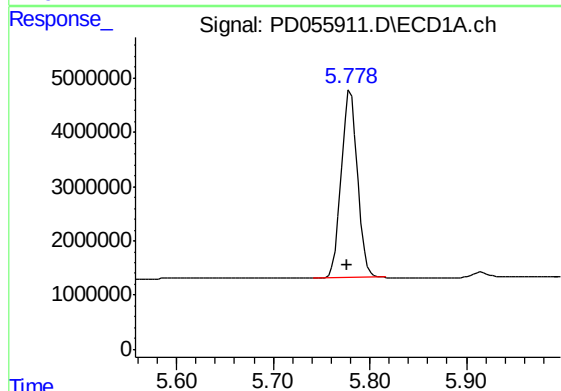
R.T.: 4.244 min
Delta R.T.: 0.004 min
Response: 4837736
Conc: 10.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM20



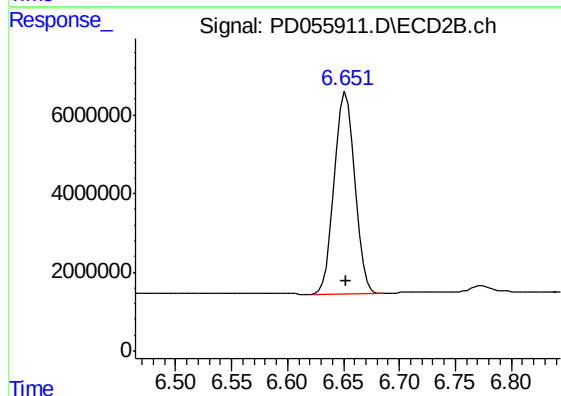
#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 8090603
Conc: 11.56 ng/ml



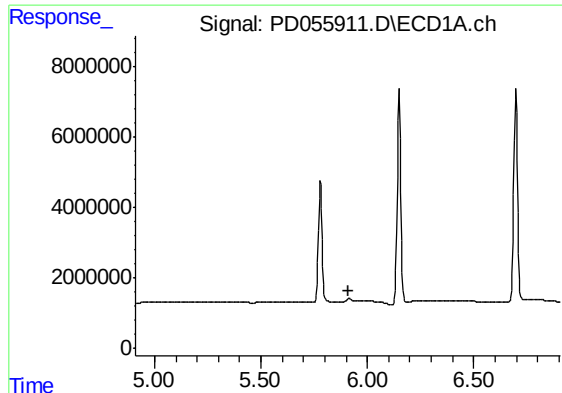
#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 39855274
Conc: 49.68 ng/ml



#14 Endrin

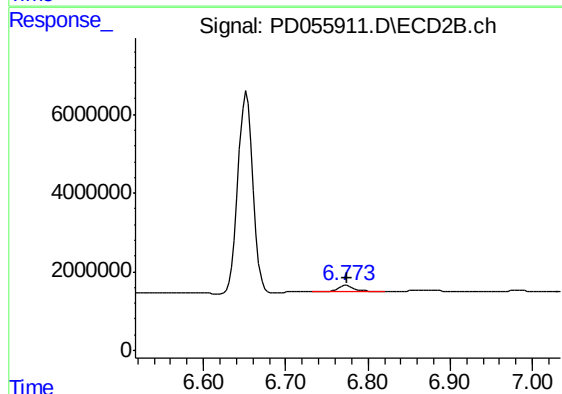
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 64971268
Conc: 56.43 ng/ml



#16 4,4'-DDD

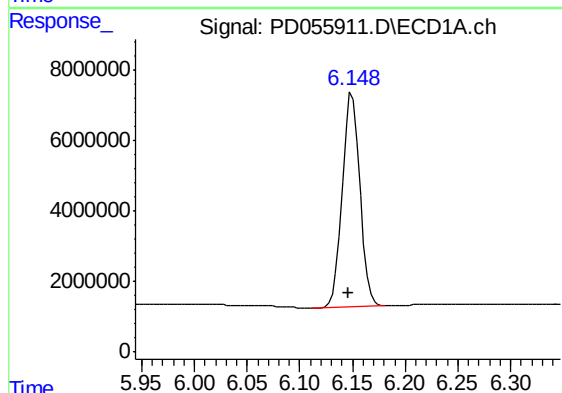
R.T.: 0.000 min
Exp R.T.: 5.911 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM20



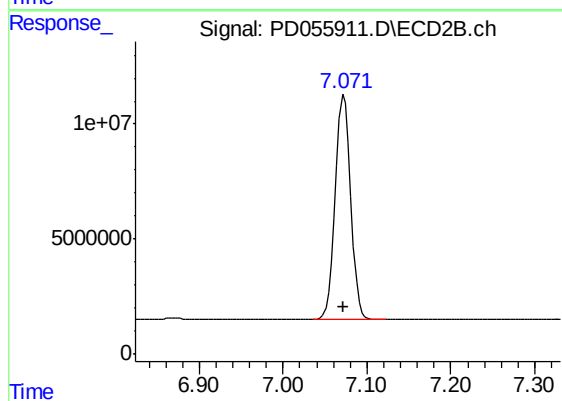
#16 4,4'-DDD

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 2012860
Conc: 1.80 ng/ml



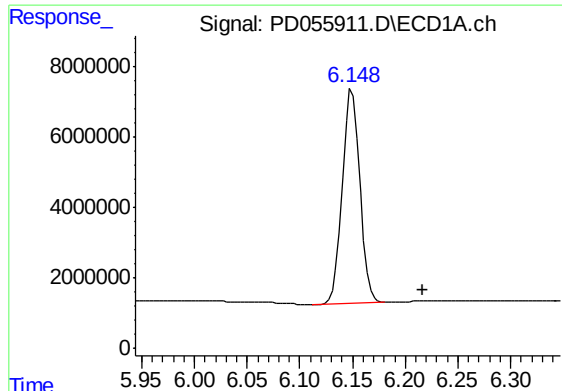
#17 4,4'-DDT

R.T.: 6.150 min
Delta R.T.: 0.003 min
Response: 70492239
Conc: 108.78 ng/ml



#17 4,4'-DDT

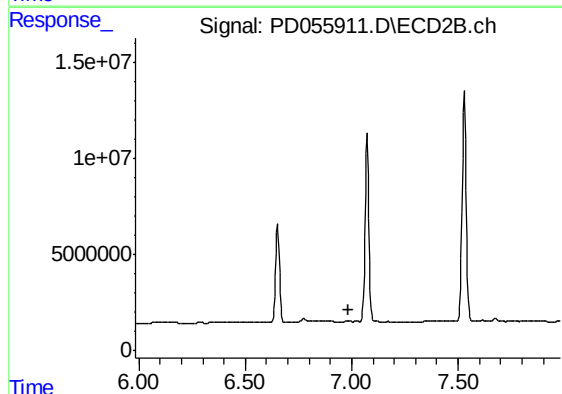
R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 124883883
Conc: 114.85 ng/ml



#18 Endrin aldehyde

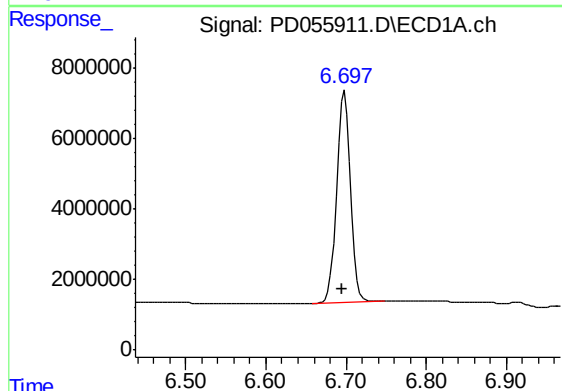
R.T.: 6.150 min
Delta R.T.: -0.067 min
Response: 70492239
Conc: 98.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM20



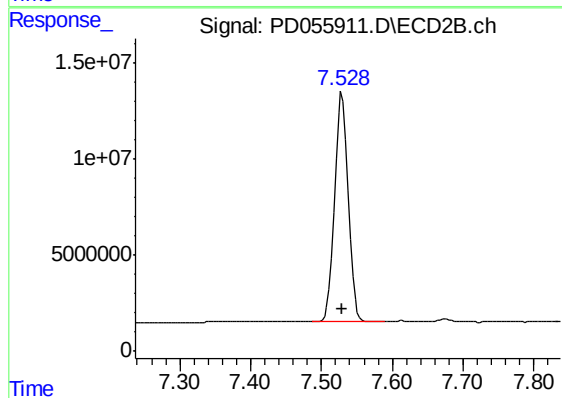
#18 Endrin aldehyde

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



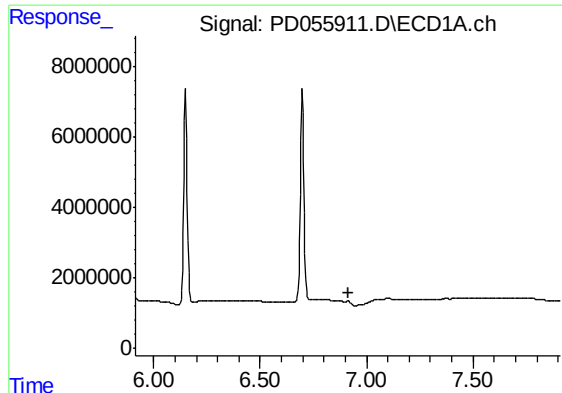
#20 Methoxychlor

R.T.: 6.698 min
Delta R.T.: 0.003 min
Response: 73058660
Conc: 195.32 ng/ml



#20 Methoxychlor

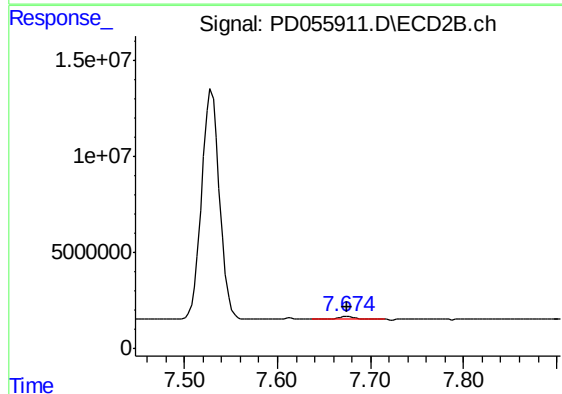
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 159481766
Conc: 255.87 ng/ml



#21 Endrin ketone

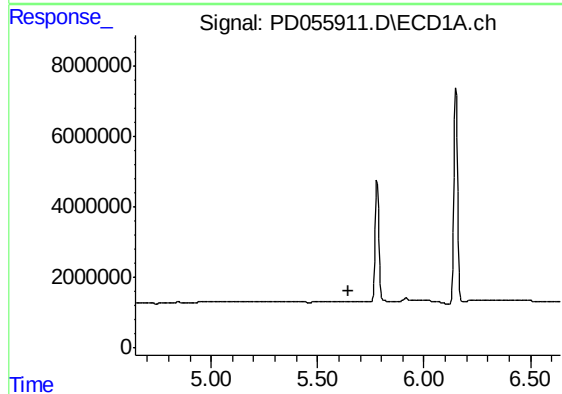
R.T.: 0.000 min
Exp R.T.: 6.913 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM20



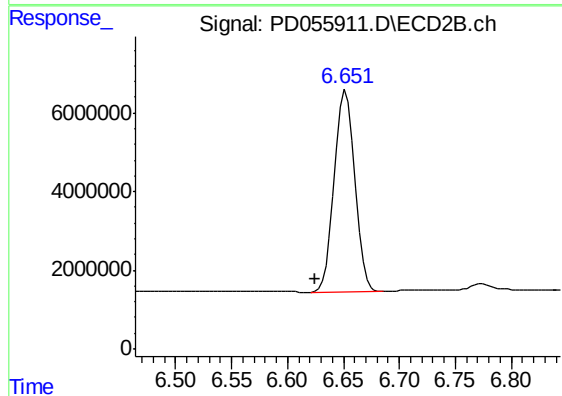
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 1559753
Conc: 1.18 ng/ml



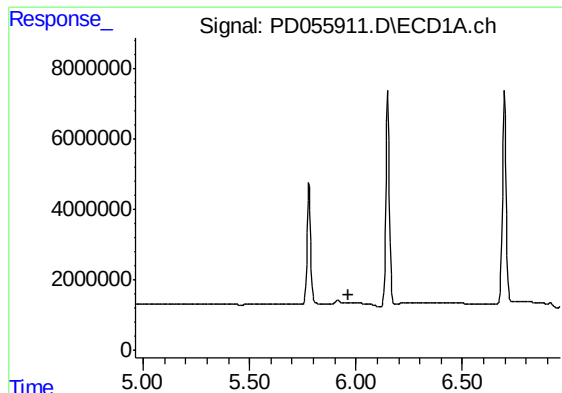
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T.: 5.643 min
Response: 0
Conc: N.D.



#23 Toxaphene-2

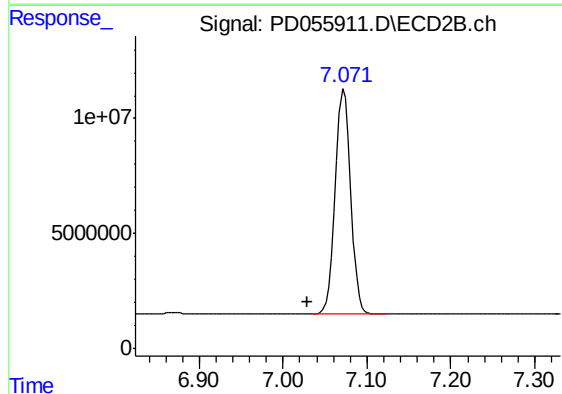
R.T.: 6.652 min
Delta R.T.: 0.027 min
Response: 64971268
Conc: 5413.06 ng/ml



#24 Toxaphene-3

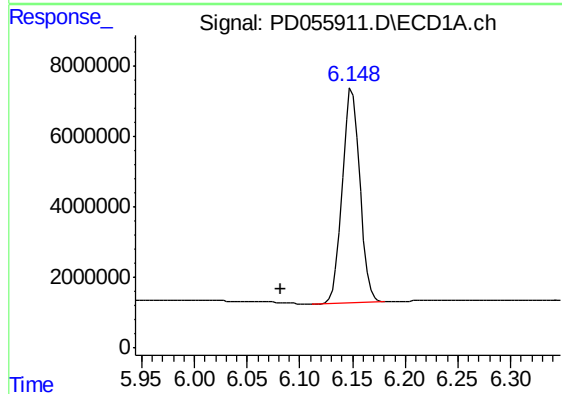
R.T.: 0.000 min
Exp R.T.: 5.964 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM20



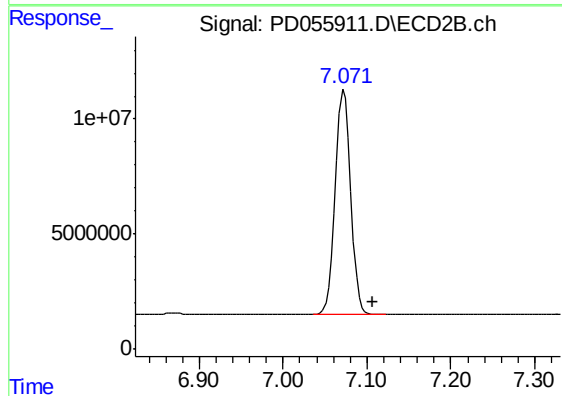
#24 Toxaphene-3

R.T.: 7.073 min
Delta R.T.: 0.043 min
Response: 124883883
Conc: 6738.70 ng/ml



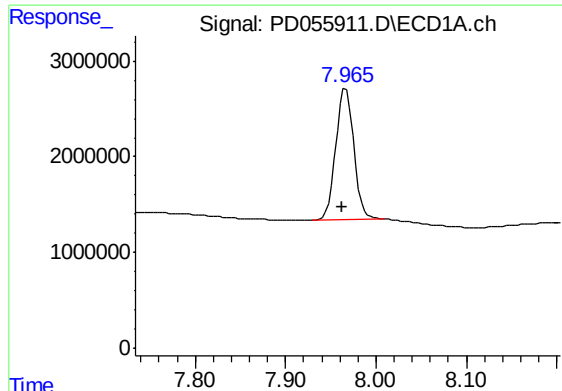
#25 Toxaphene-4

R.T.: 6.150 min
Delta R.T.: 0.067 min
Response: 70492239
Conc: 3090.91 ng/ml



#25 Toxaphene-4

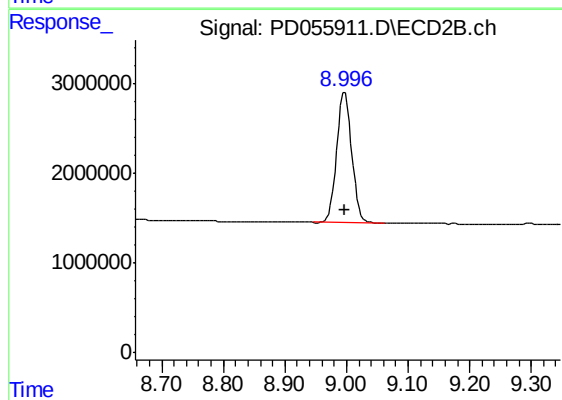
R.T.: 7.073 min
Delta R.T.: -0.034 min
Response: 124883883
Conc: 2424.02 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.967 min
Delta R.T.: 0.004 min
Response: 18843795
Conc: 23.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM20



#27 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: 0.000 min
Response: 24801663
Conc: 21.84 ng/ml