

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030719\
 Data File : PD051649.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Mar 2019 17:45
 Operator : AJ\SJ
 Sample : PEM49
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM49

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:14:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022219CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 22 04:35:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.224	4.044	29507097	649.1E6	20.534	21.008
27)	SA Decachlor...	7.823	9.156	23503161	331.1E6	19.543	17.466
Target Compounds							
2)	A alpha-BHC	3.644	4.436	21069639	503.6E6	9.506	10.779
3)	MA gamma-BHC...	3.912	4.723	22633165	456.3E6	10.752	10.680
4)	MA Heptachlor	4.157f	0.000	9944699	0	4.573	N.D. #
6)	B beta-BHC	4.157	4.892	9944699	211.4E6	10.401	10.656
8)	B Heptachlo...	0.000	5.923	0	91293518	N.D.	2.550
14)	MA Endrin	5.653	6.767	102.9E6	1196.3E6	50.519	45.261
16)	A 4,4'-DDD	0.000	6.887	0	40260195	N.D.	1.538
17)	MA 4,4'-DDT	6.024	7.187	194.4E6	2110.9E6	106.748	91.528
18)	B Endrin al...	6.024f	7.100	194.4E6	24008933	118.545	1.068 #
20)	A Methoxychlor	6.570	7.646	245.0E6	2428.1E6	265.323	229.376
21)	B Endrin ke...	6.771	7.798	4072247	23483959	2.005	0.984 #
22)	Toxaphene-1	5.488	0.000	5307278	0	389.205	N.D. #
23)	Toxaphene-2	5.653	0.000	102.9E6	0	4498.801	N.D. #
24)	Toxaphene-3	6.024	7.187	194.4E6	2110.9E6	5109.267	8683.915 #
25)	Toxaphene-4	0.000	7.187	0	2110.9E6	N.D.	3143.255

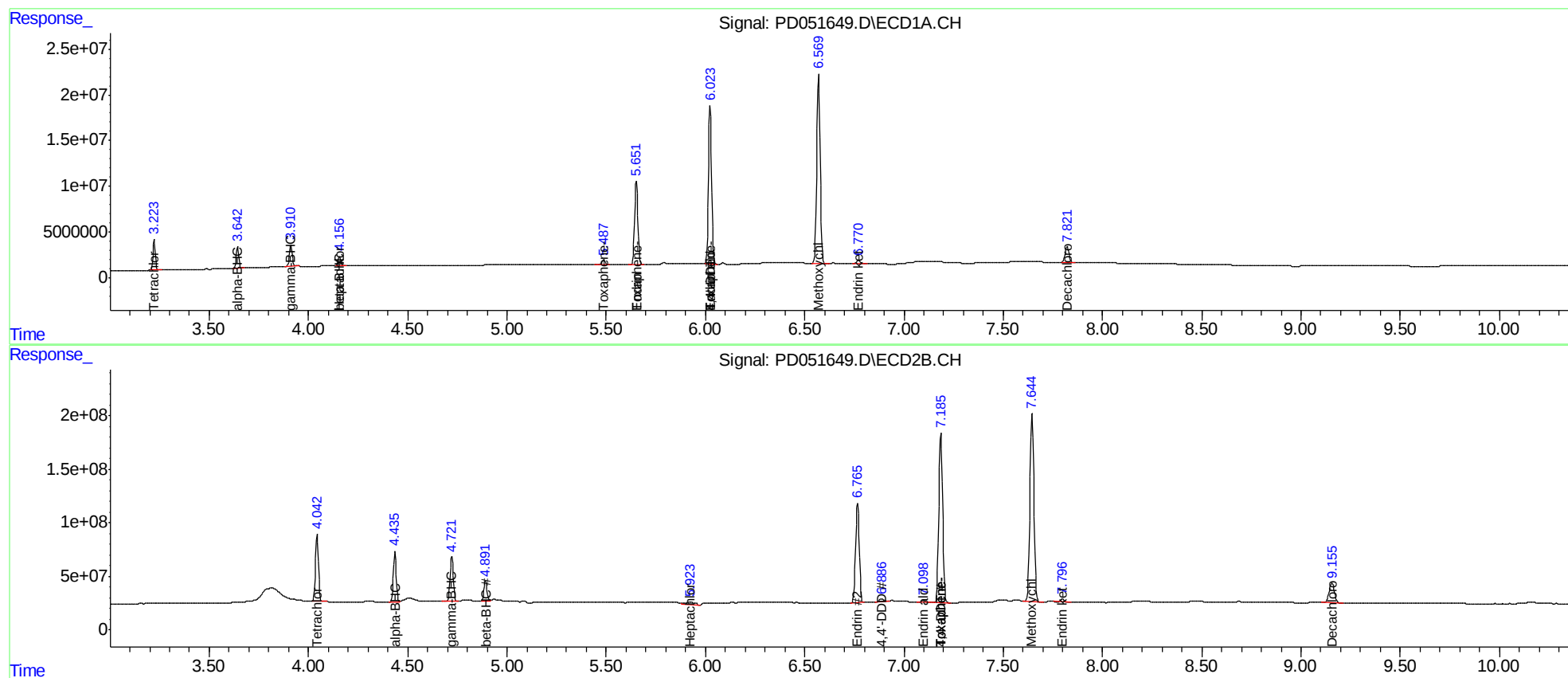
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

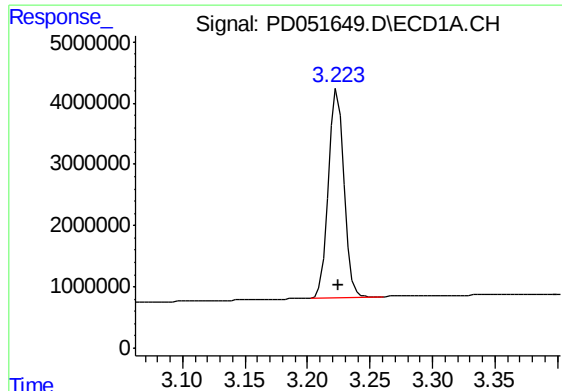
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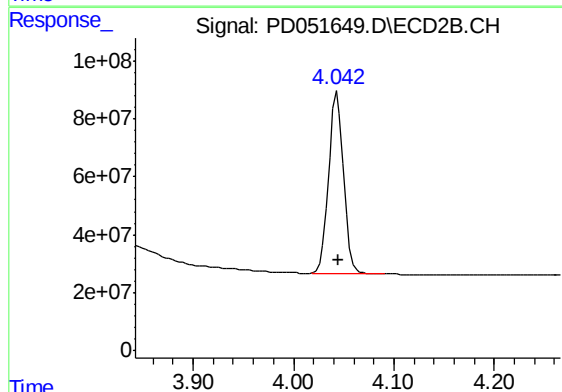




#1 Tetrachloro-m-xylene

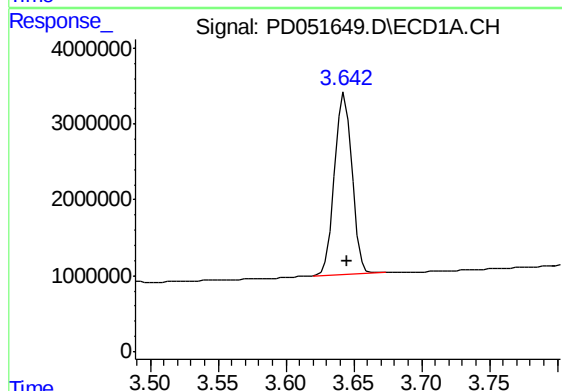
R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 29507097
Conc: 20.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



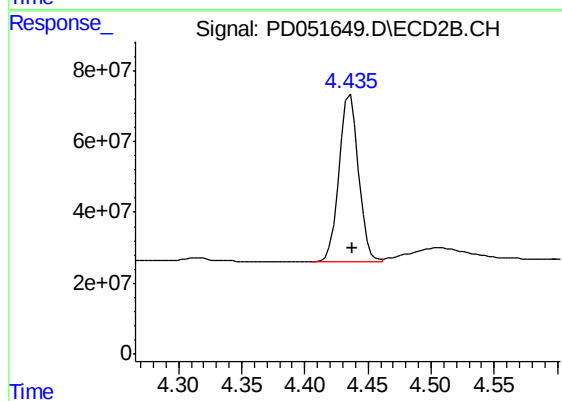
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.001 min
Response: 649071880
Conc: 21.01 ng/ml



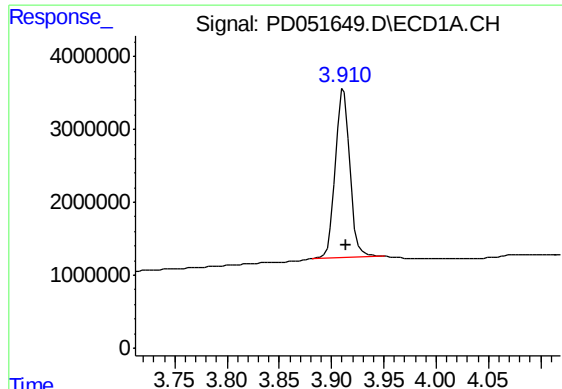
#2 alpha-BHC

R.T.: 3.644 min
Delta R.T.: -0.001 min
Response: 21069639
Conc: 9.51 ng/ml



#2 alpha-BHC

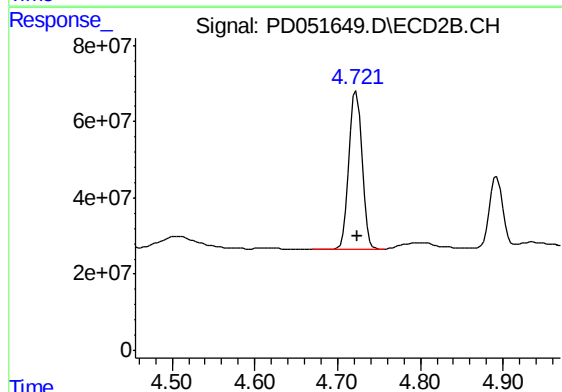
R.T.: 4.436 min
Delta R.T.: -0.001 min
Response: 503635884
Conc: 10.78 ng/ml



#3 gamma-BHC (Lindane)

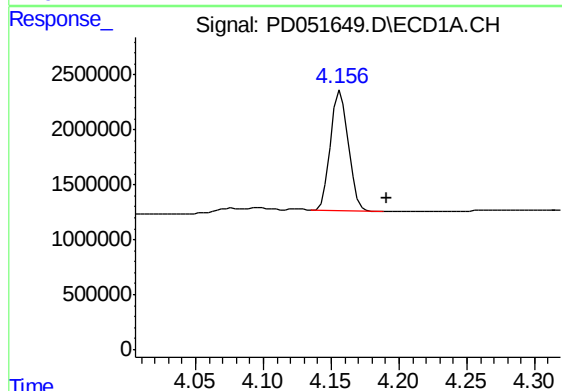
R.T.: 3.912 min
Delta R.T.: -0.002 min
Response: 22633165
Conc: 10.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



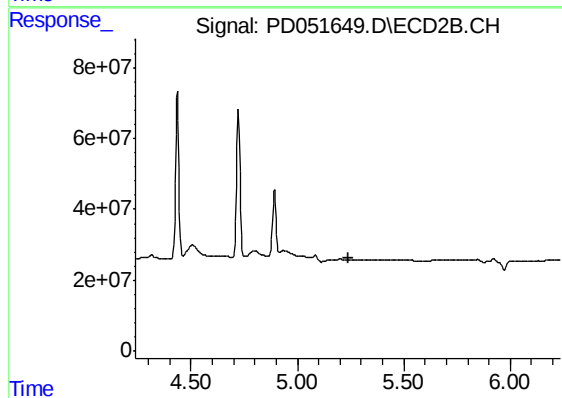
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 456260406
Conc: 10.68 ng/ml



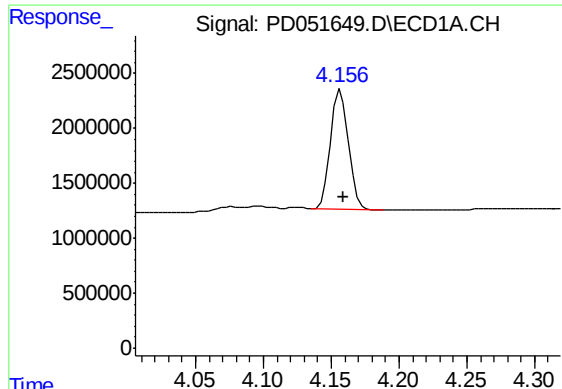
#4 Heptachlor

R.T.: 4.157 min
Delta R.T.: -0.034 min
Response: 9944699
Conc: 4.57 ng/ml



#4 Heptachlor

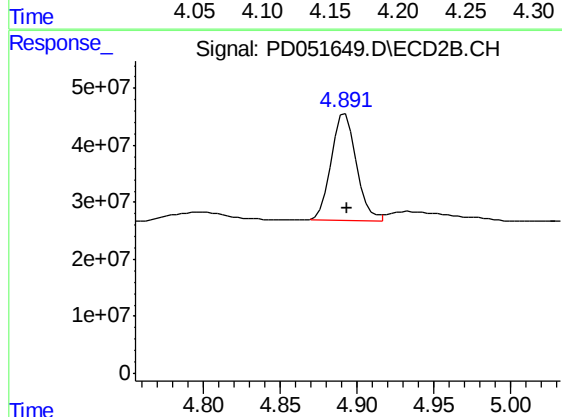
R.T.: 0.000 min
Exp R.T. : 5.238 min
Response: 0
Conc: N.D.



#6 beta-BHC

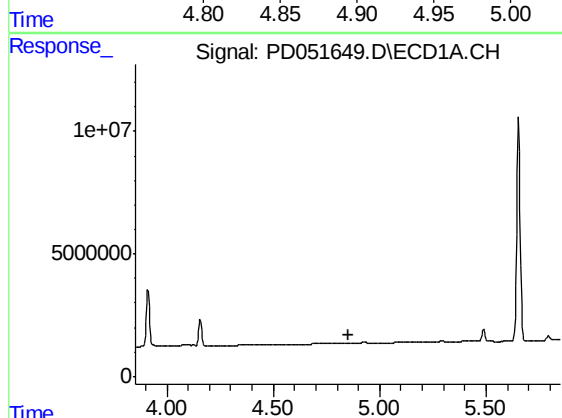
R.T.: 4.157 min
Delta R.T.: -0.002 min
Response: 9944699
Conc: 10.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



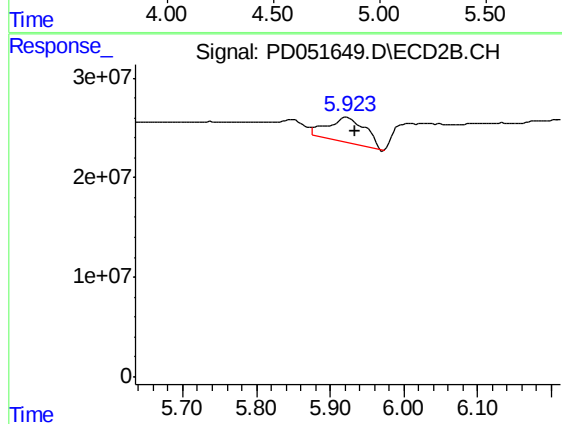
#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 211422266
Conc: 10.66 ng/ml



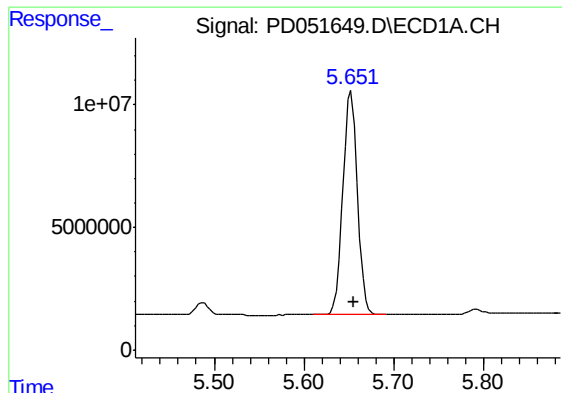
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

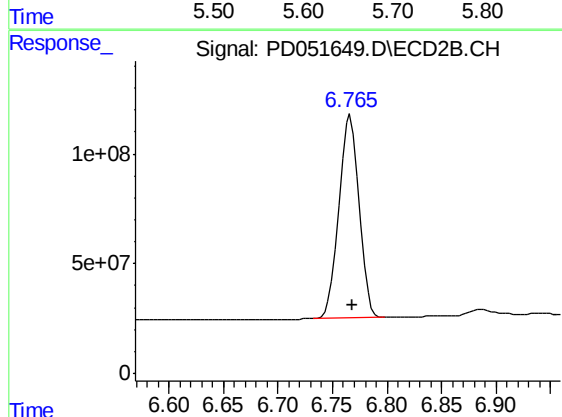
R.T.: 5.923 min
Delta R.T.: -0.010 min
Response: 91293518
Conc: 2.55 ng/ml



#14 Endrin

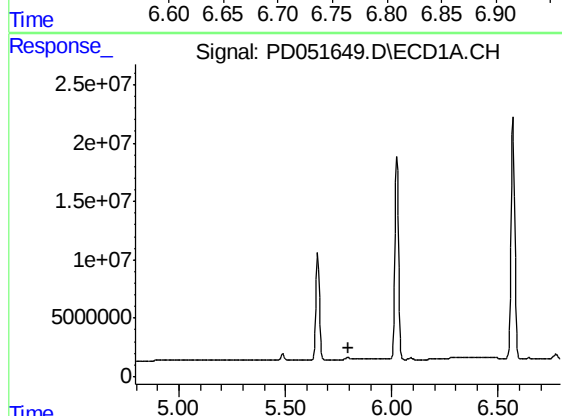
R.T.: 5.653 min
Delta R.T.: -0.002 min
Response: 102913386
Conc: 50.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



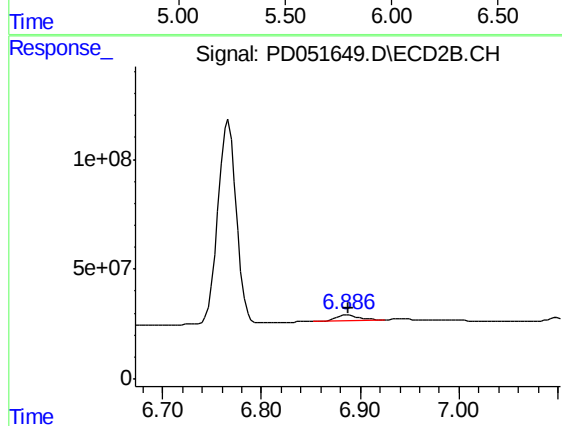
#14 Endrin

R.T.: 6.767 min
Delta R.T.: -0.002 min
Response: 1196305308
Conc: 45.26 ng/ml



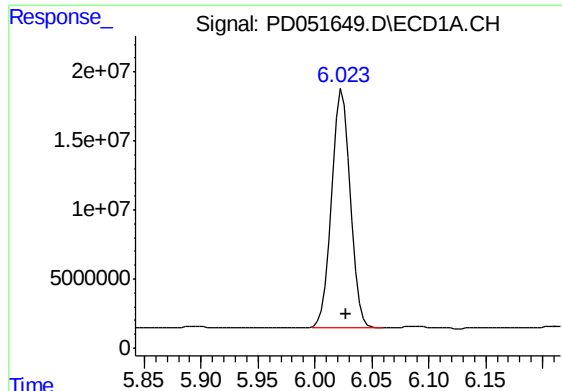
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.795 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

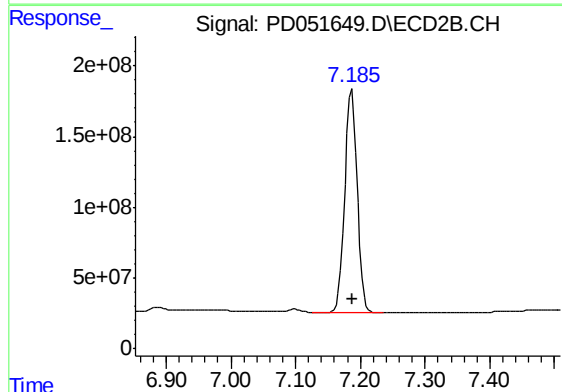
R.T.: 6.887 min
Delta R.T.: -0.001 min
Response: 40260195
Conc: 1.54 ng/ml



#17 4,4'-DDT

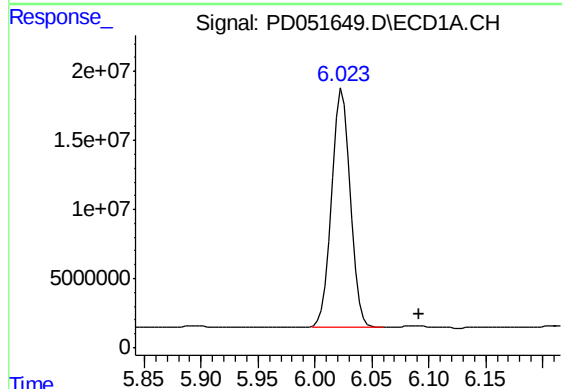
R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 194392812
Conc: 106.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



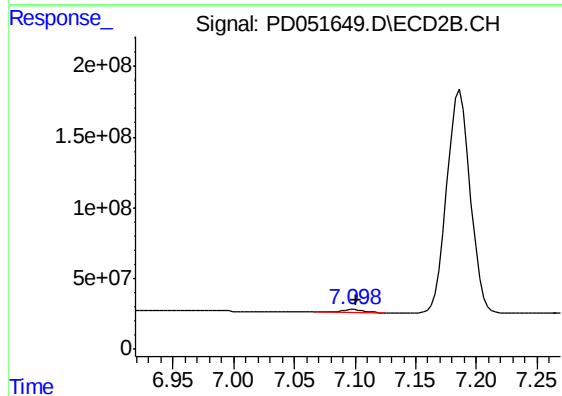
#17 4,4'-DDT

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 2110921886
Conc: 91.53 ng/ml



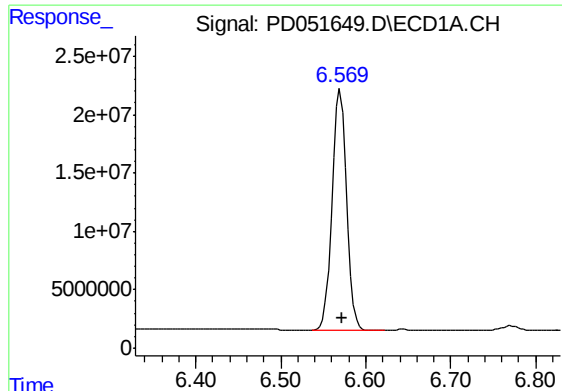
#18 Endrin aldehyde

R.T.: 6.024 min
Delta R.T.: -0.067 min
Response: 194392812
Conc: 118.55 ng/ml



#18 Endrin aldehyde

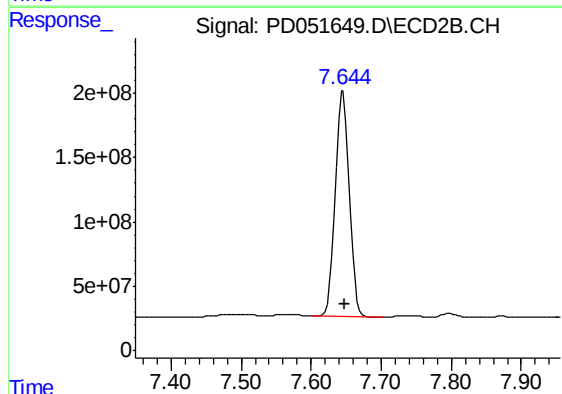
R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 24008933
Conc: 1.07 ng/ml



#20 Methoxychlor

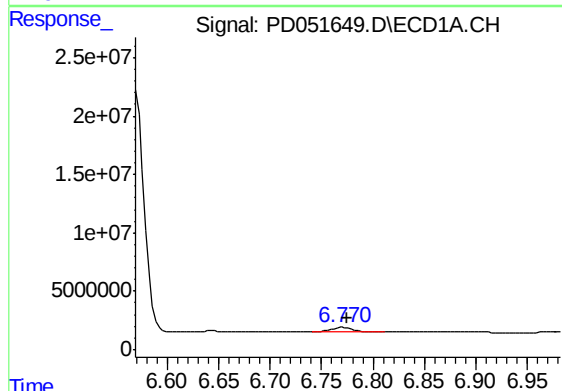
R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 245024439
Conc: 265.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



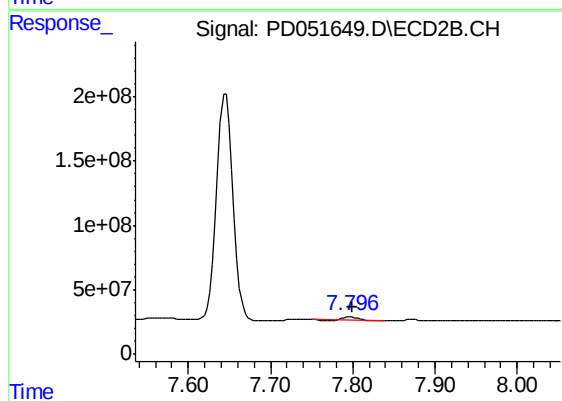
#20 Methoxychlor

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 2428145752
Conc: 229.38 ng/ml



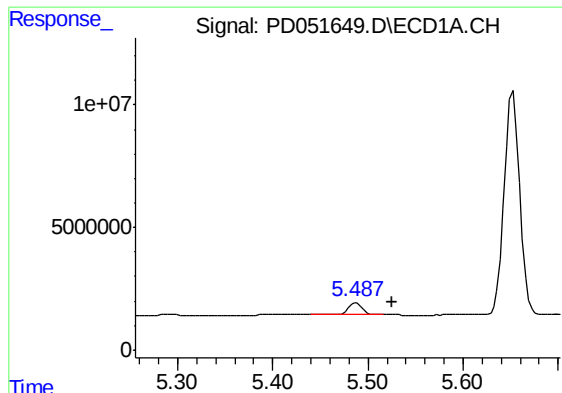
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: -0.004 min
Response: 4072247
Conc: 2.00 ng/ml



#21 Endrin ketone

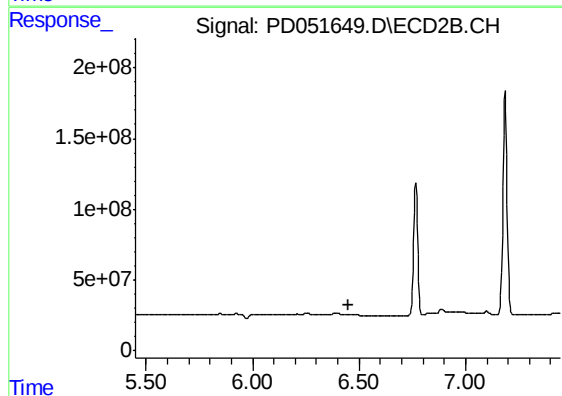
R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 23483959
Conc: 0.98 ng/ml



#22 Toxaphene-1

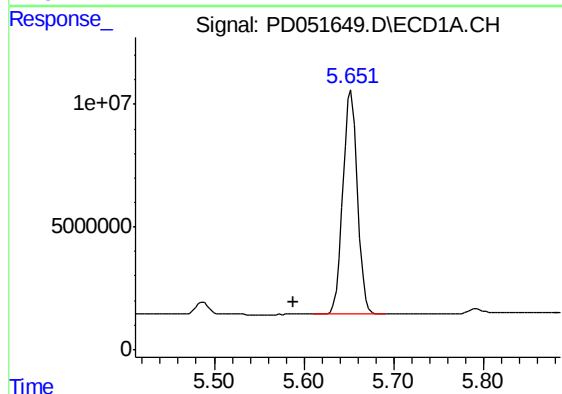
R.T.: 5.488 min
Delta R.T.: -0.037 min
Response: 5307278
Conc: 389.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



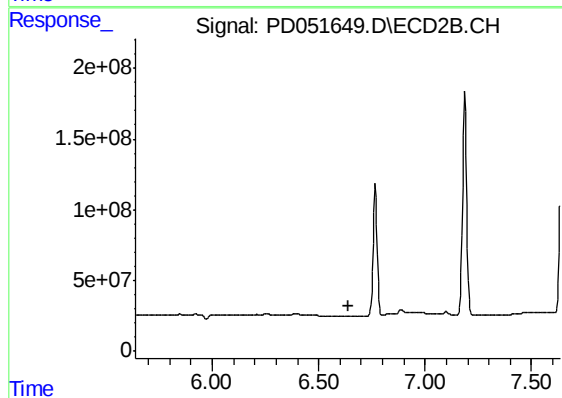
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 6.448 min
Response: 0
Conc: N.D.



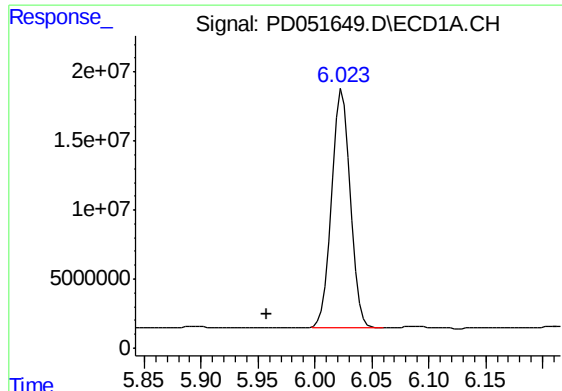
#23 Toxaphene-2

R.T.: 5.653 min
Delta R.T.: 0.064 min
Response: 102913386
Conc: 4498.80 ng/ml



#23 Toxaphene-2

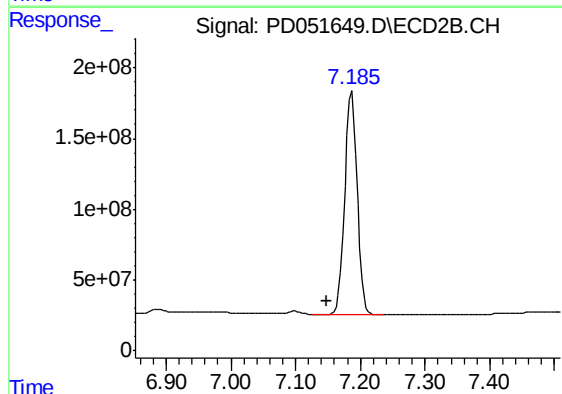
R.T.: 0.000 min
Exp R.T. : 6.638 min
Response: 0
Conc: N.D.



#24 Toxaphene-3

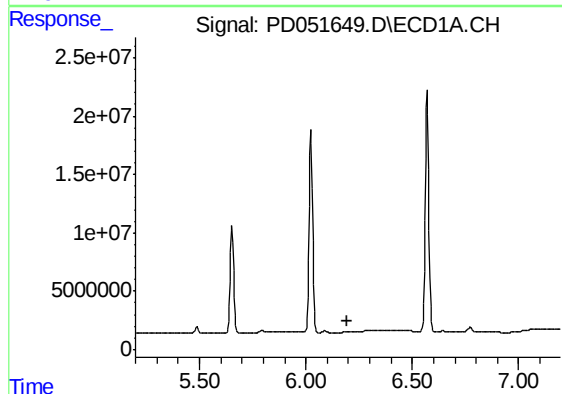
R.T.: 6.024 min
Delta R.T.: 0.066 min
Response: 194392812
Conc: 5109.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



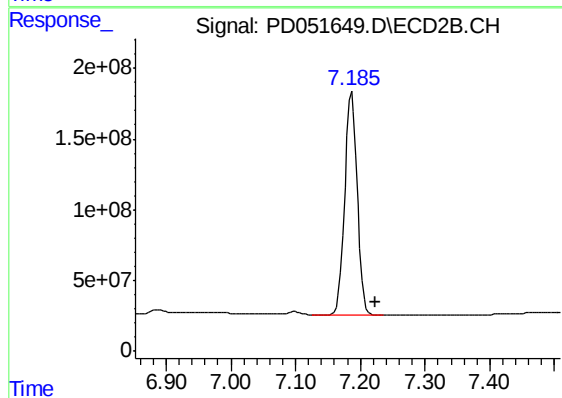
#24 Toxaphene-3

R.T.: 7.187 min
Delta R.T.: 0.038 min
Response: 2110921886
Conc: 8683.92 ng/ml



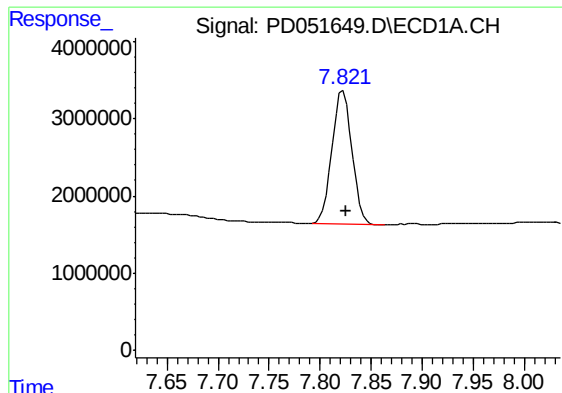
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 6.197 min
Response: 0
Conc: N.D.



#25 Toxaphene-4

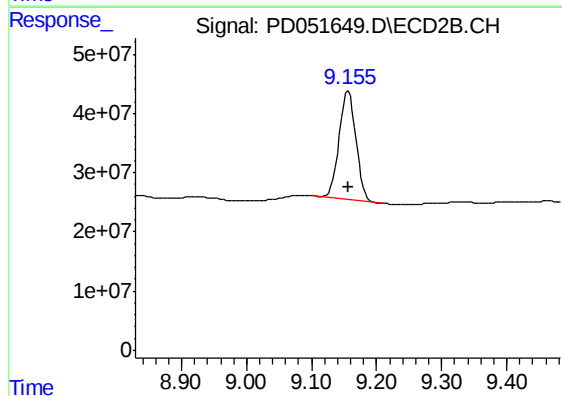
R.T.: 7.187 min
Delta R.T.: -0.037 min
Response: 2110921886
Conc: 3143.26 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.823 min
Delta R.T.: -0.003 min
Response: 23503161
Conc: 19.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM49



#27 Decachlorobiphenyl

R.T.: 9.156 min
Delta R.T.: 0.000 min
Response: 331117010
Conc: 17.47 ng/ml