

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100319\
 Data File : PD055171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2019 10:31
 Operator : SG\AJ
 Sample : PEM29
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM29

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 07:29:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092319CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 24 07:21:19 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...	3.291	3.962	16378929	23330088	21.529	22.734
27)	SA Decachlor...	7.968	8.996	17528500	22892665	20.803	19.649
Target Compounds							
2)	A alpha-BHC	3.718	4.348	11622951	15831956	10.468	10.982
3)	MA gamma-BHC...	3.993	4.631	10702926	15568577	9.982	11.119
4)	MA Heptachlor	4.242f	0.000	5026272	0	5.433	N.D. #
6)	B beta-BHC	4.242	4.798	5026272	7735520	10.743	11.603
8)	B Heptachlo...	4.964	0.000	106652	0	0.116	N.D. #
12)	B 4,4'-DDE	5.404	0.000	242417	0	0.270	N.D. #
14)	MA Endrin	5.780	6.652	41190229	55696924	49.538	50.570
16)	A 4,4'-DDD	5.914	6.773	2831728	4787598	3.904	4.411
17)	MA 4,4'-DDT	6.150	7.071	72389655	116.6E6	108.609	106.472
18)	B Endrin al...	6.222	6.983	1417050	1516998	1.948	1.464
19)	B Endosulfa...	6.374f	0.000	252042	0	0.311	N.D. #
20)	A Methoxychlor	6.699	7.528	88137727	152.6E6	248.586	244.662
21)	B Endrin ke...	6.916	7.673	3618112	2990121	4.006	2.269 #
23)	Toxaphene-2	5.714	6.652	286350	55696924	49.408	6589.872 #
24)	Toxaphene-3	5.914	7.071	2831728	116.6E6	566.844	9507.105 #
25)	Toxaphene-4	6.150	7.071	72389655	116.6E6	4786.235	3460.877 #
26)	Toxaphene-5	6.771	7.673	463710	2990121	25.068	182.132 #

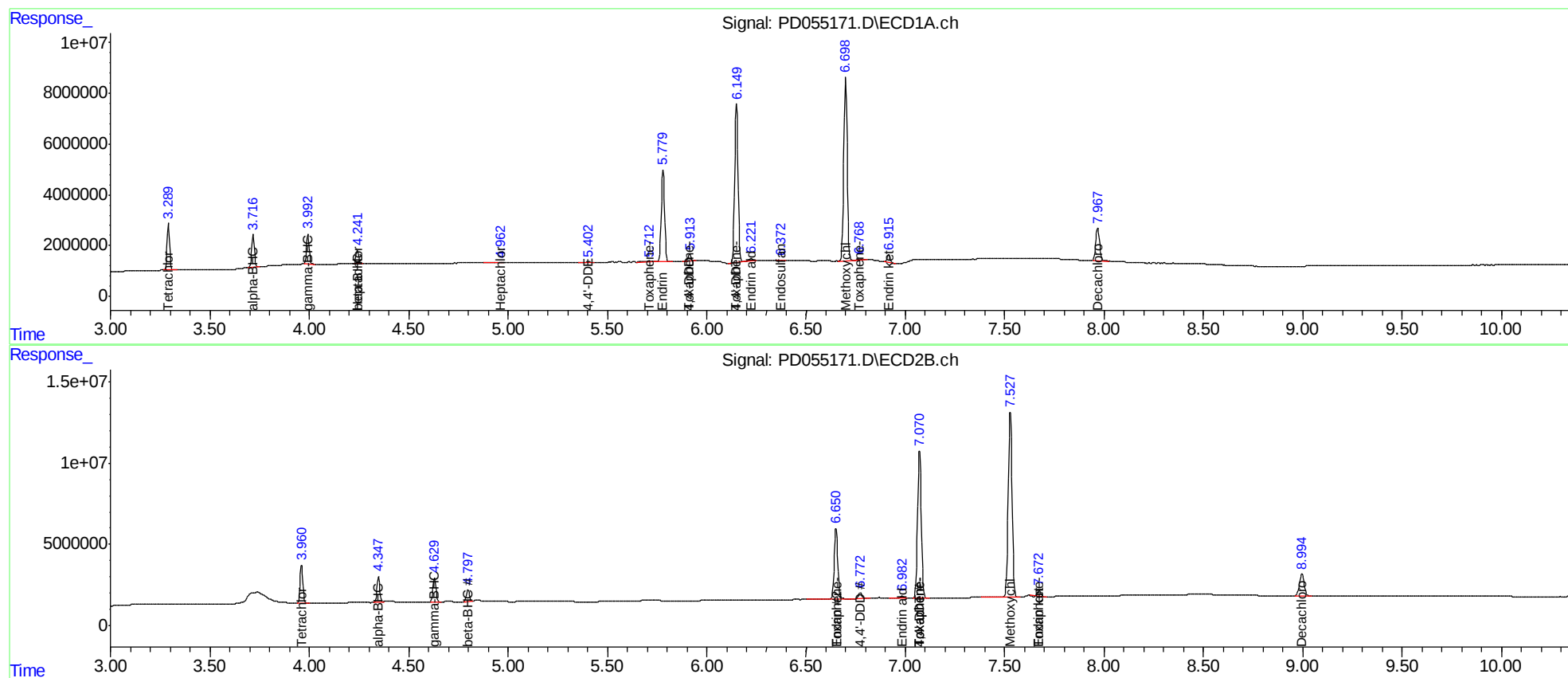
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

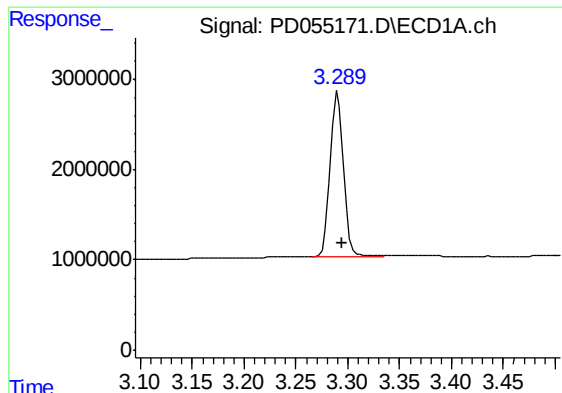
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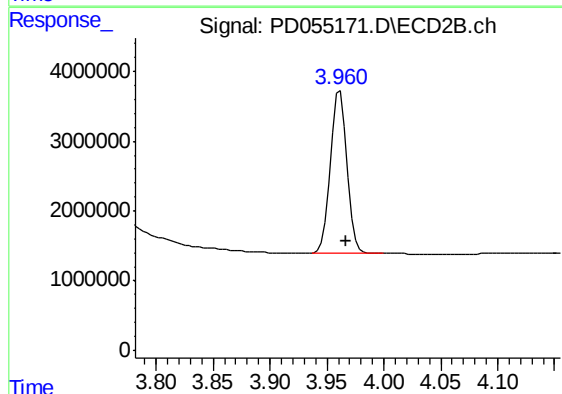




#1 Tetrachloro-m-xylene

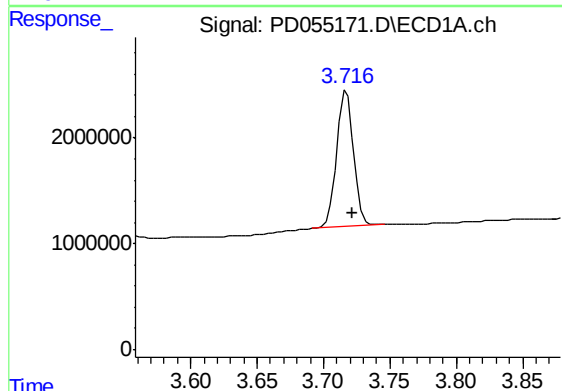
R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 16378929
Conc: 21.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



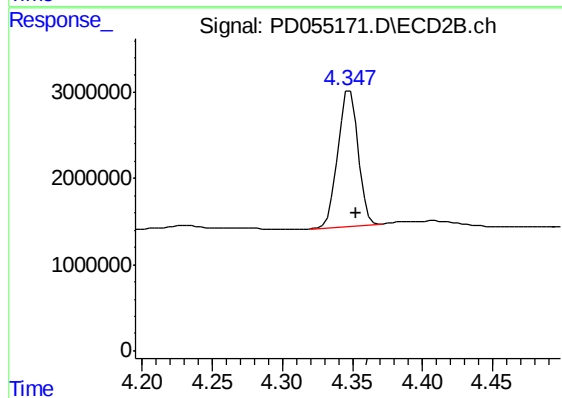
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: -0.005 min
Response: 23330088
Conc: 22.73 ng/ml



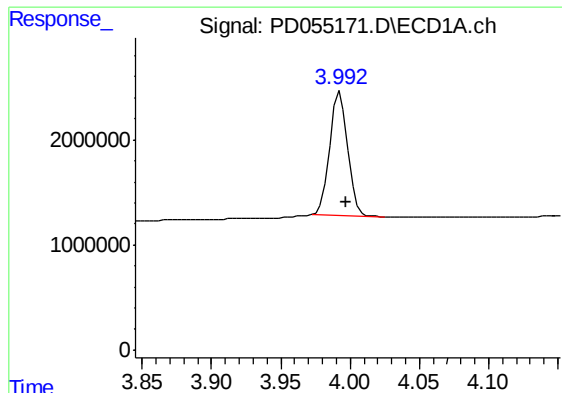
#2 alpha-BHC

R.T.: 3.718 min
Delta R.T.: -0.004 min
Response: 11622951
Conc: 10.47 ng/ml



#2 alpha-BHC

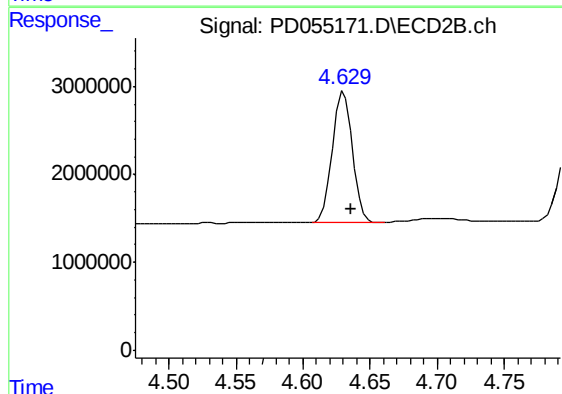
R.T.: 4.348 min
Delta R.T.: -0.005 min
Response: 15831956
Conc: 10.98 ng/ml



#3 gamma-BHC (Lindane)

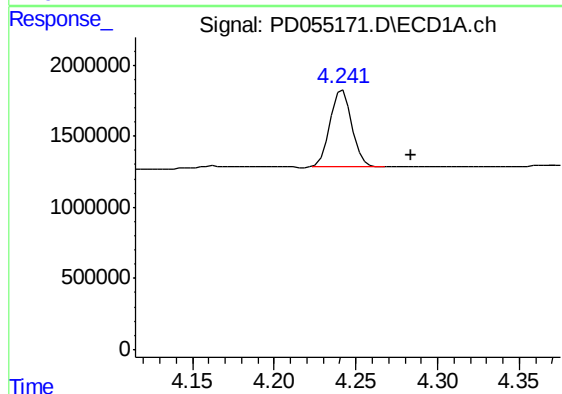
R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 10702926
Conc: 9.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



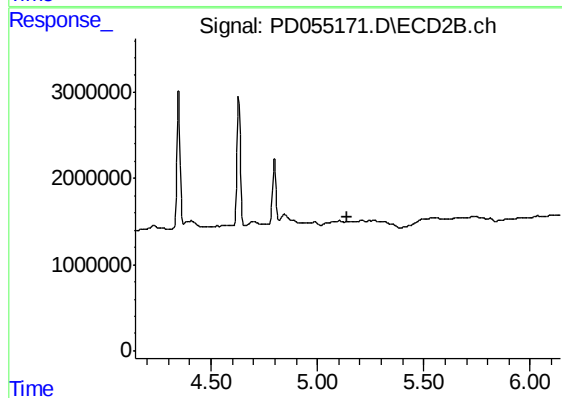
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: -0.005 min
Response: 15568577
Conc: 11.12 ng/ml



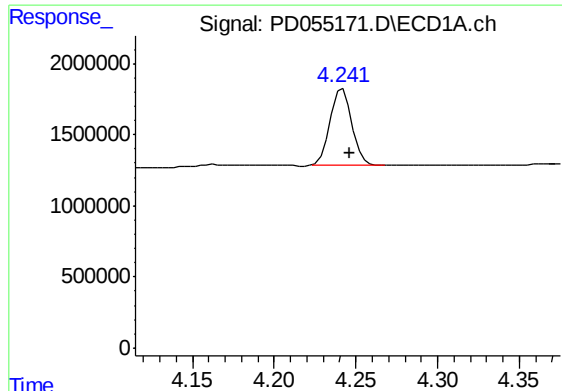
#4 Heptachlor

R.T.: 4.242 min
Delta R.T.: -0.042 min
Response: 5026272
Conc: 5.43 ng/ml



#4 Heptachlor

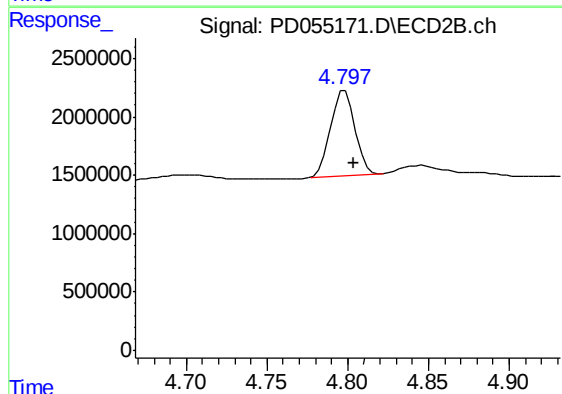
R.T.: 0.000 min
Exp R.T. : 5.142 min
Response: 0
Conc: N.D.



#6 beta-BHC

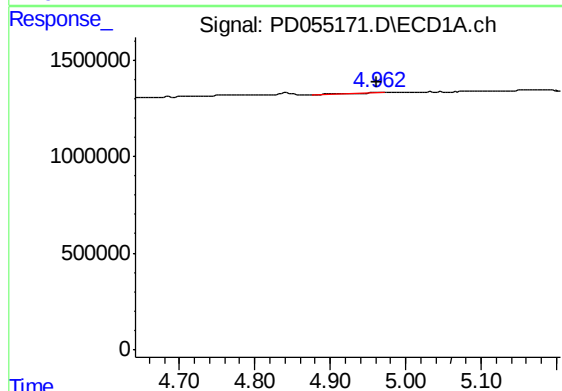
R.T.: 4.242 min
Delta R.T.: -0.005 min
Response: 5026272
Conc: 10.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



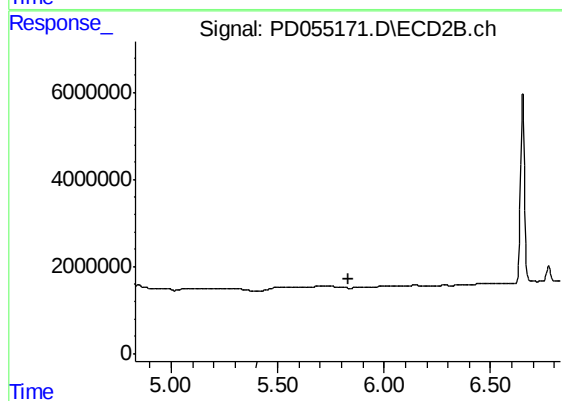
#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: -0.006 min
Response: 7735520
Conc: 11.60 ng/ml



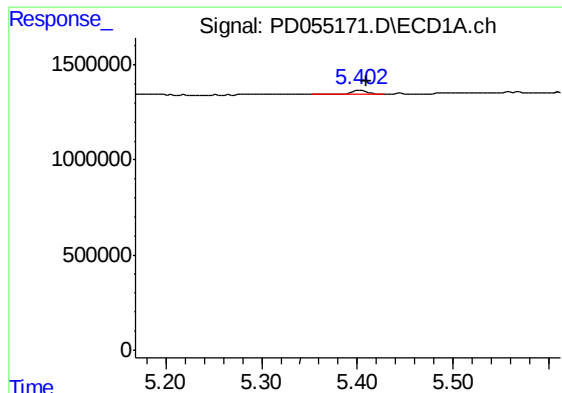
#8 Heptachlor epoxide

R.T.: 4.964 min
Delta R.T.: 0.003 min
Response: 106652
Conc: 0.12 ng/ml



#8 Heptachlor epoxide

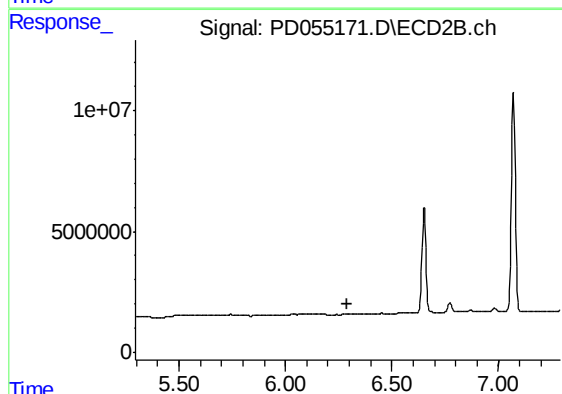
R.T.: 0.000 min
Exp R.T. : 5.831 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

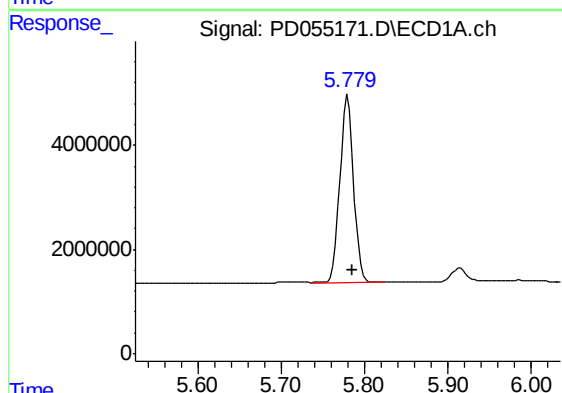
R.T.: 5.404 min
Delta R.T.: -0.006 min
Response: 242417
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



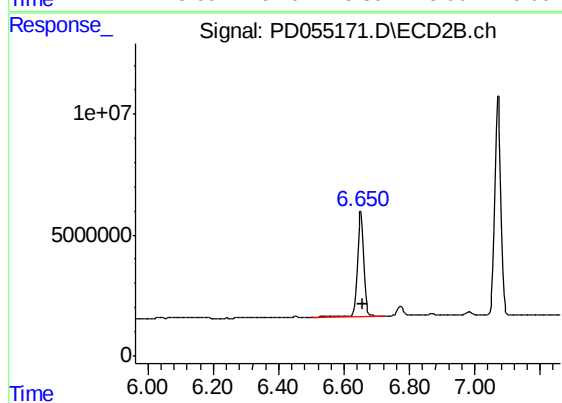
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.293 min
Response: 0
Conc: N.D.



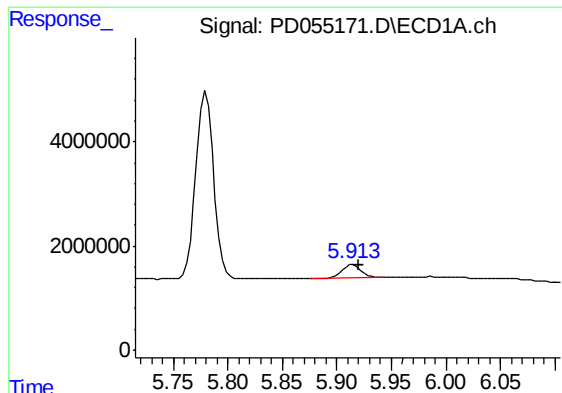
#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 41190229
Conc: 49.54 ng/ml



#14 Endrin

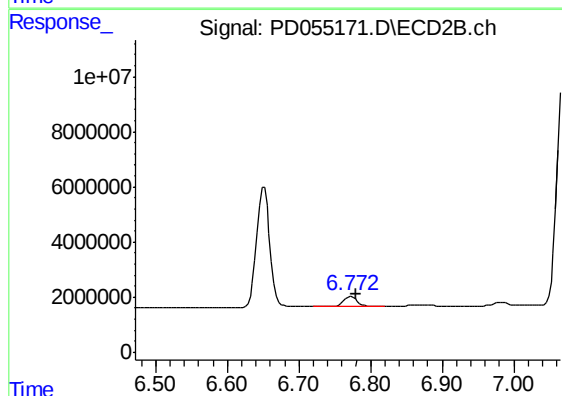
R.T.: 6.652 min
Delta R.T.: -0.006 min
Response: 55696924
Conc: 50.57 ng/ml



#16 4,4'-DDD

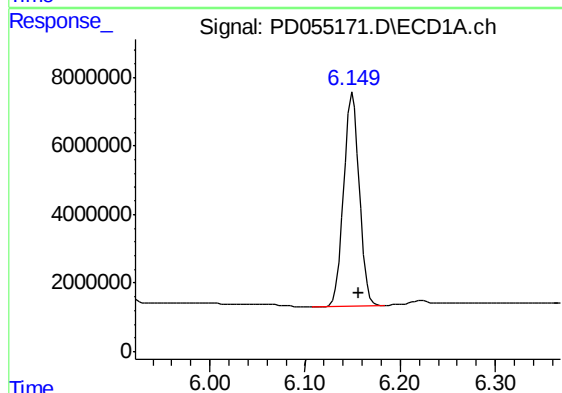
R.T.: 5.914 min
Delta R.T.: -0.006 min
Response: 2831728
Conc: 3.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



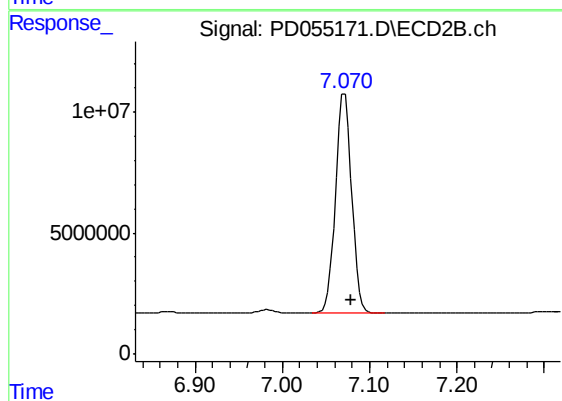
#16 4,4'-DDD

R.T.: 6.773 min
Delta R.T.: -0.006 min
Response: 4787598
Conc: 4.41 ng/ml



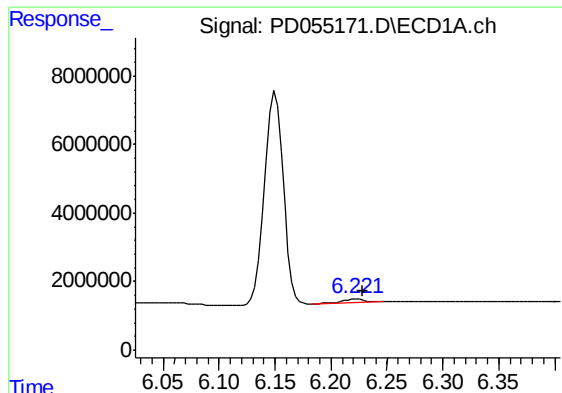
#17 4,4'-DDT

R.T.: 6.150 min
Delta R.T.: -0.006 min
Response: 72389655
Conc: 108.61 ng/ml



#17 4,4'-DDT

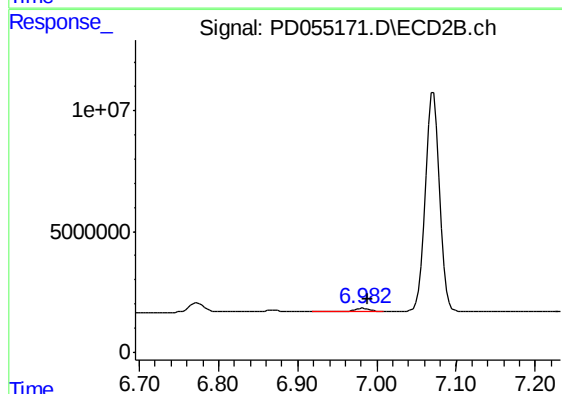
R.T.: 7.071 min
Delta R.T.: -0.007 min
Response: 116554596
Conc: 106.47 ng/ml



#18 Endrin aldehyde

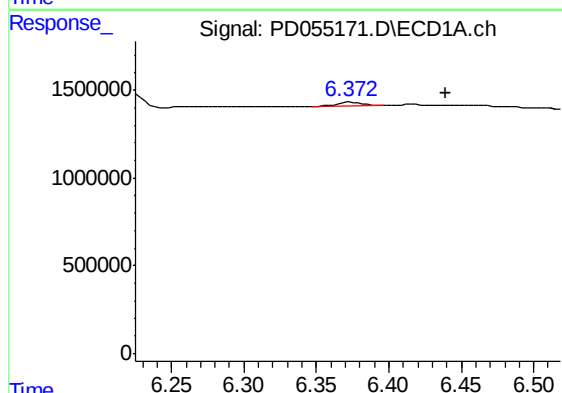
R.T.: 6.222 min
Delta R.T.: -0.006 min
Response: 1417050
Conc: 1.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



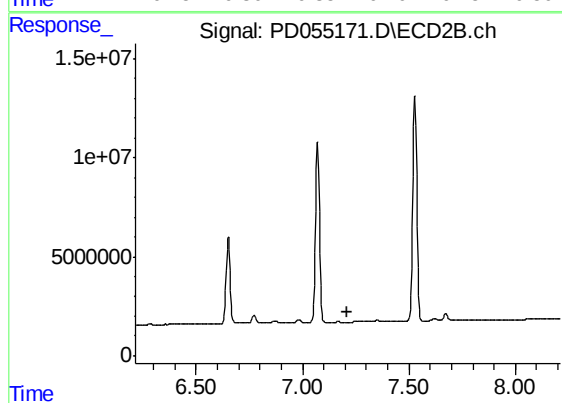
#18 Endrin aldehyde

R.T.: 6.983 min
Delta R.T.: -0.006 min
Response: 1516998
Conc: 1.46 ng/ml



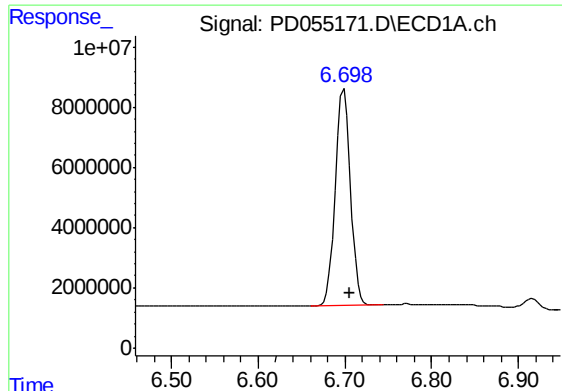
#19 Endosulfan Sulfate

R.T.: 6.374 min
Delta R.T.: -0.065 min
Response: 252042
Conc: 0.31 ng/ml



#19 Endosulfan Sulfate

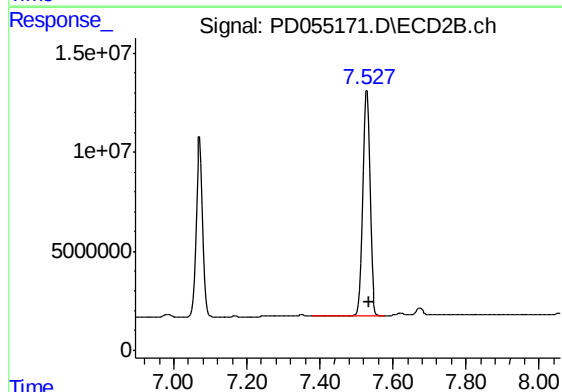
R.T.: 0.000 min
Exp R.T. : 7.212 min
Response: 0
Conc: N.D.



#20 Methoxychlor

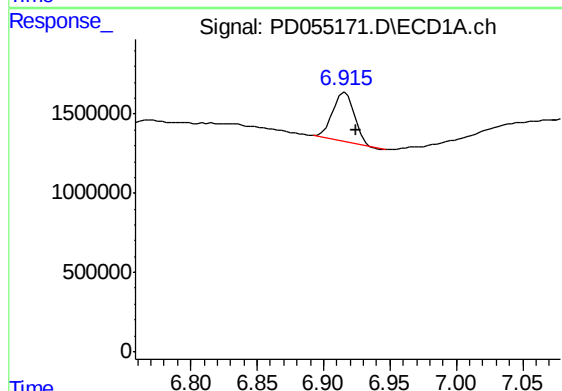
R.T.: 6.699 min
Delta R.T.: -0.007 min
Response: 88137727
Conc: 248.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



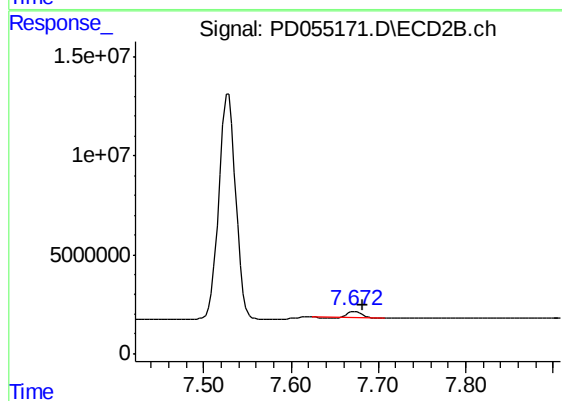
#20 Methoxychlor

R.T.: 7.528 min
Delta R.T.: -0.006 min
Response: 152611909
Conc: 244.66 ng/ml



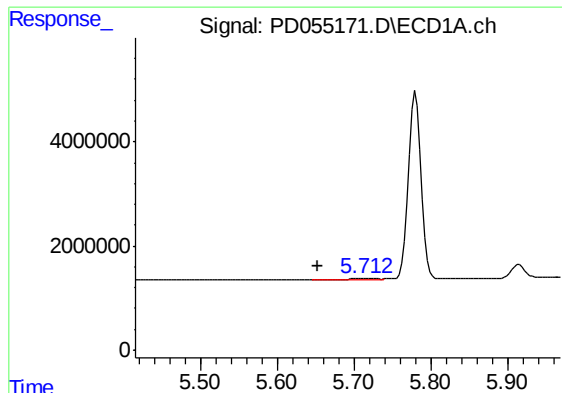
#21 Endrin ketone

R.T.: 6.916 min
Delta R.T.: -0.008 min
Response: 3618112
Conc: 4.01 ng/ml



#21 Endrin ketone

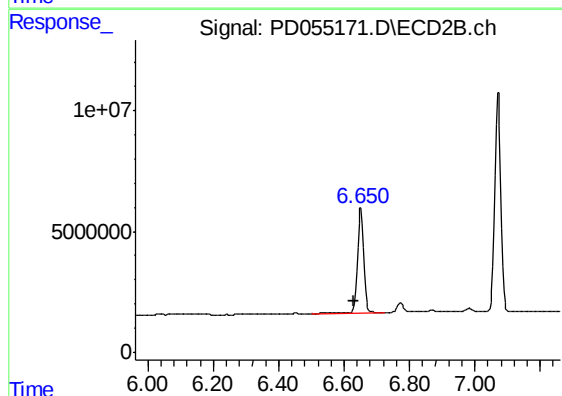
R.T.: 7.673 min
Delta R.T.: -0.008 min
Response: 2990121
Conc: 2.27 ng/ml



#23 Toxaphene-2

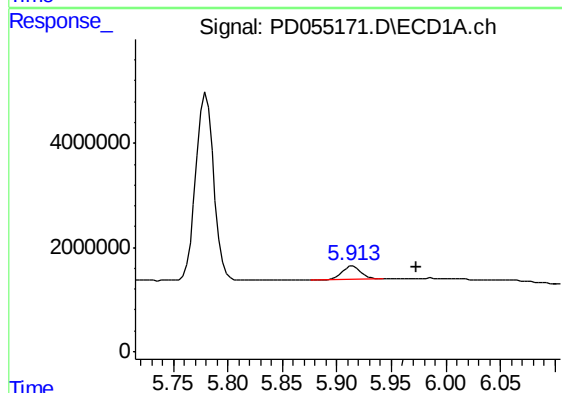
R.T.: 5.714 min
Delta R.T.: 0.062 min
Response: 286350
Conc: 49.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



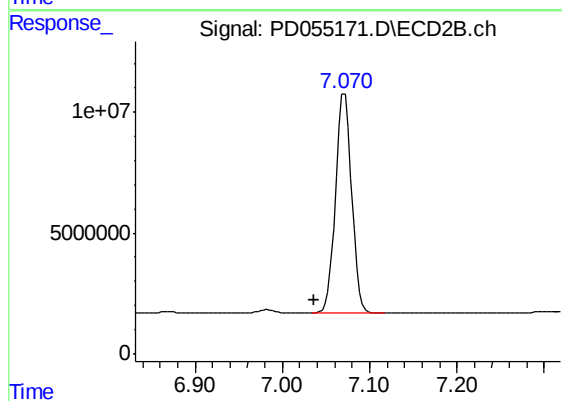
#23 Toxaphene-2

R.T.: 6.652 min
Delta R.T.: 0.021 min
Response: 5569624
Conc: 6589.87 ng/ml



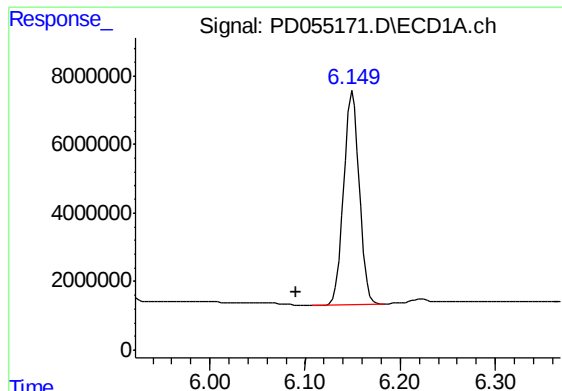
#24 Toxaphene-3

R.T.: 5.914 min
Delta R.T.: -0.058 min
Response: 2831728
Conc: 566.84 ng/ml



#24 Toxaphene-3

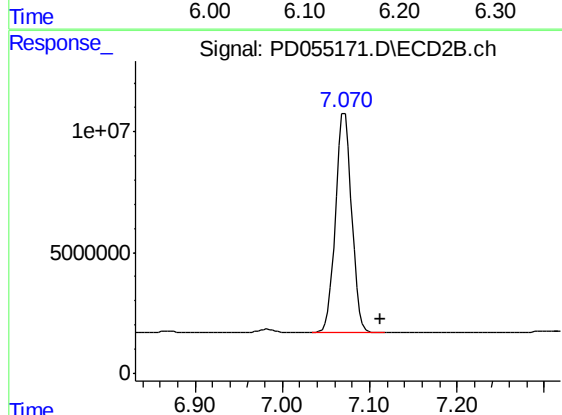
R.T.: 7.071 min
Delta R.T.: 0.035 min
Response: 116554596
Conc: 9507.10 ng/ml



#25 Toxaphene-4

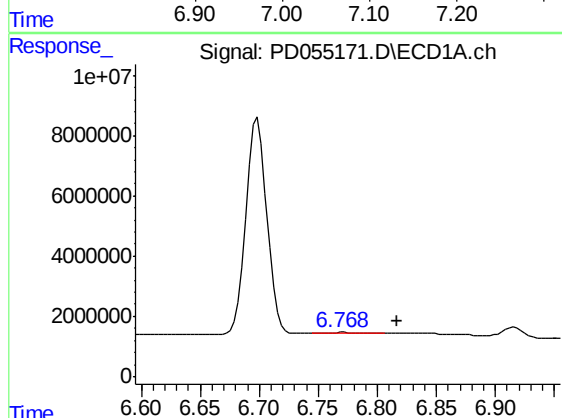
R.T.: 6.150 min
Delta R.T.: 0.059 min
Response: 72389655
Conc: 4786.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



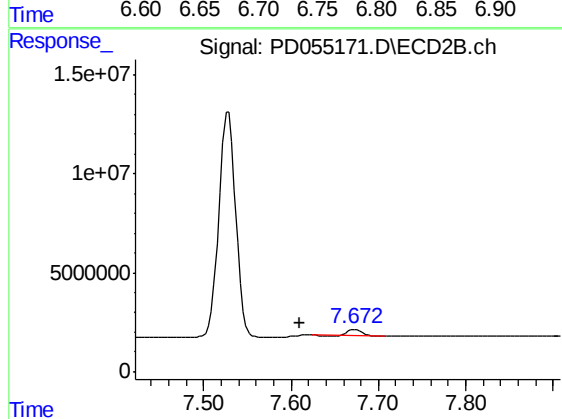
#25 Toxaphene-4

R.T.: 7.071 min
Delta R.T.: -0.040 min
Response: 116554596
Conc: 3460.88 ng/ml



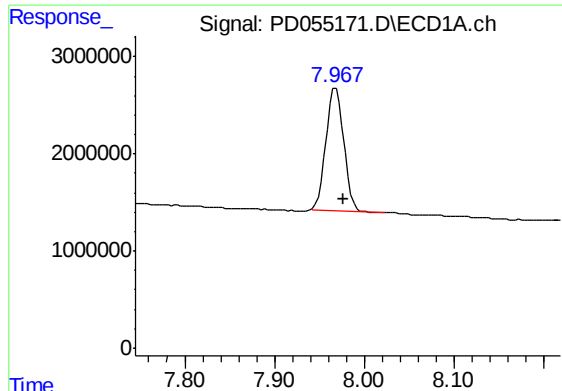
#26 Toxaphene-5

R.T.: 6.771 min
Delta R.T.: -0.046 min
Response: 463710
Conc: 25.07 ng/ml



#26 Toxaphene-5

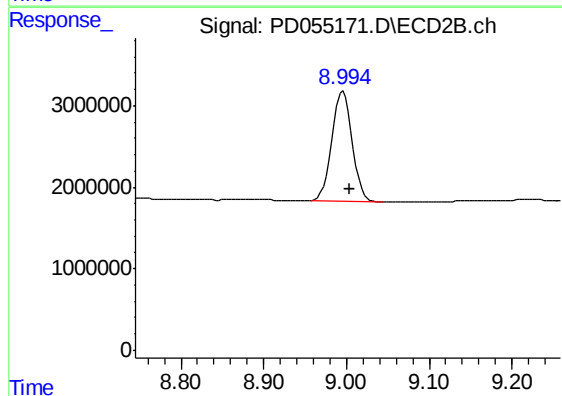
R.T.: 7.673 min
Delta R.T.: 0.064 min
Response: 2990121
Conc: 182.13 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.968 min
Delta R.T.: -0.009 min
Response: 17528500
Conc: 20.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



#27 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: -0.009 min
Response: 22892665
Conc: 19.65 ng/ml