

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100419\
 Data File : PD055180.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2019 09:23
 Operator : SG\AJ
 Sample : PEM30
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM30

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 00:56:52 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	16861967	24237009	22.164	23.618
27)	SA Decachlor...	7.969	8.997	17149059	23215347	20.353	19.926
Target Compounds							
2)	A alpha-BHC	3.718	4.348	12339055	17255935	11.113	11.970
3)	MA gamma-BHC...	3.993	4.631	11253123	16167072	10.495	11.546
4)	MA Heptachlor	4.243f	0.000	5263124	0	5.689	N.D. #
6)	B beta-BHC	4.243	4.799	5263124	7860043	11.250	11.790
8)	B Heptachlo...	4.969	5.819	1187134	6715648	1.294	5.107 #
12)	B 4,4'-DDE	5.431	0.000	1655281	0	1.845	N.D. #
13)	MA Dieldrin	5.502	0.000	897237	0	0.912	N.D. #
14)	MA Endrin	5.781	6.652	41707620	58924886	50.161	53.501
16)	A 4,4'-DDD	5.915	6.775	3061820	11090172	4.221	10.218 #
17)	MA 4,4'-DDT	6.151	7.073	67844340	115.8E6	101.790	105.771
18)	B Endrin al...	6.223	0.000	1031166	0	1.418	N.D. #
19)	B Endosulfa...	6.375f	0.000	267341	0	0.329	N.D. #
20)	A Methoxychlor	6.700	7.529	75744448	148.8E6	213.632	238.622
21)	B Endrin ke...	6.918	7.675	2615338	3069105	2.896	2.329
22)	Toxaphene-1	5.502	0.000	897237	0	160.386	N.D. #
23)	Toxaphene-2	5.624	6.652	322559	58924886	55.656	6971.793 #
24)	Toxaphene-3	5.915	7.073	3061820	115.8E6	612.903	9444.531 #
25)	Toxaphene-4	6.151	7.073	67844340	115.8E6	4485.710	3438.098
26)	Toxaphene-5	6.772	7.675	254622	3069105	13.765	186.943 #

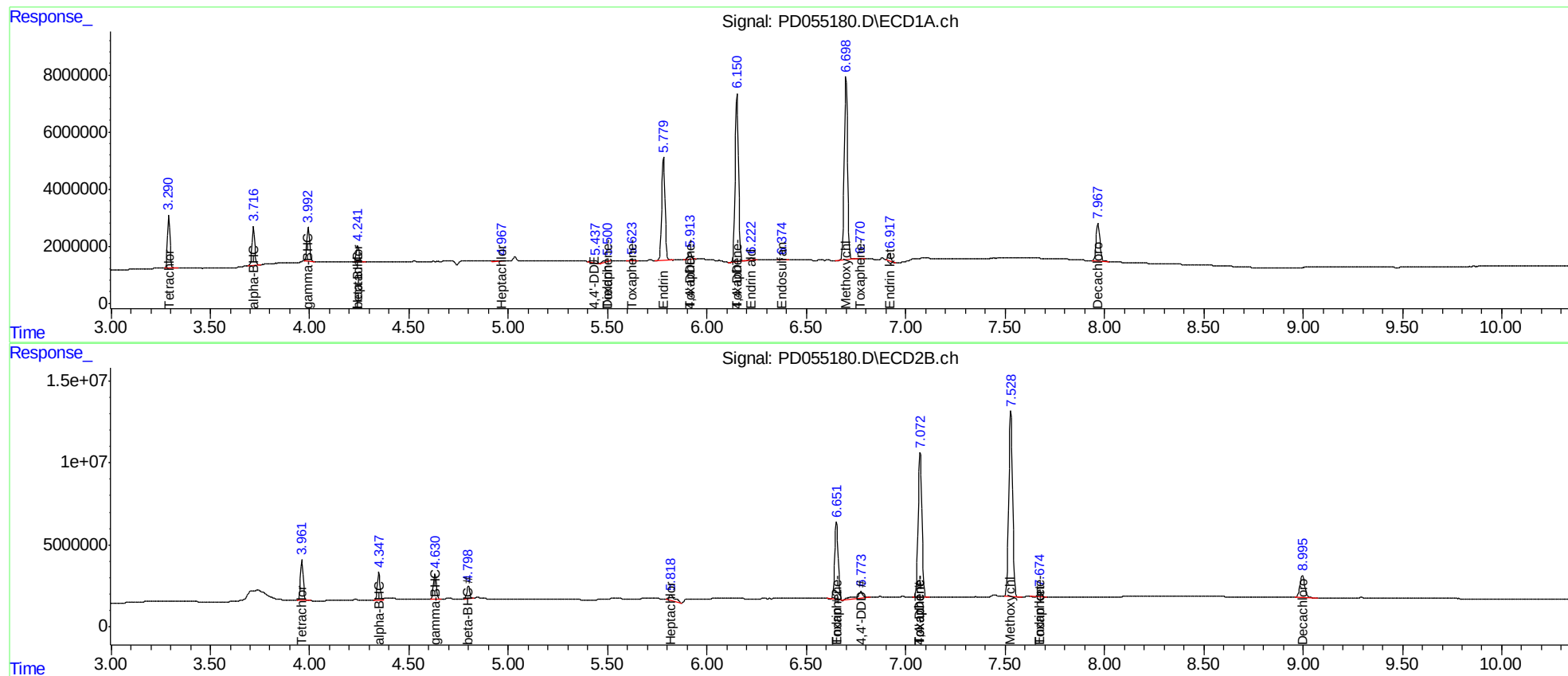
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

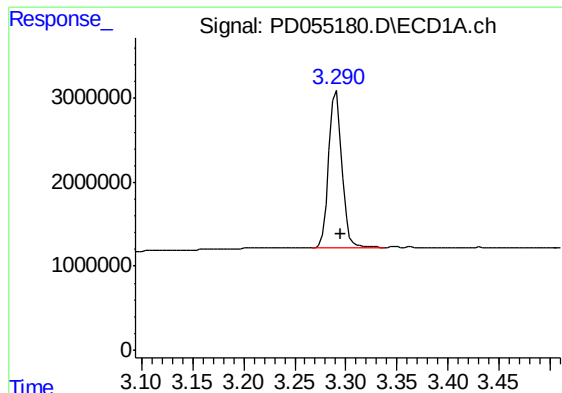
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

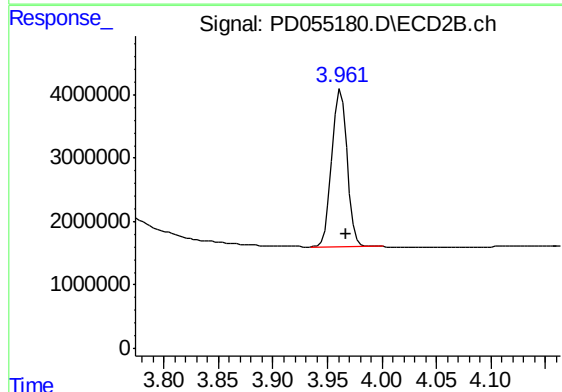




#1 Tetrachloro-m-xylene

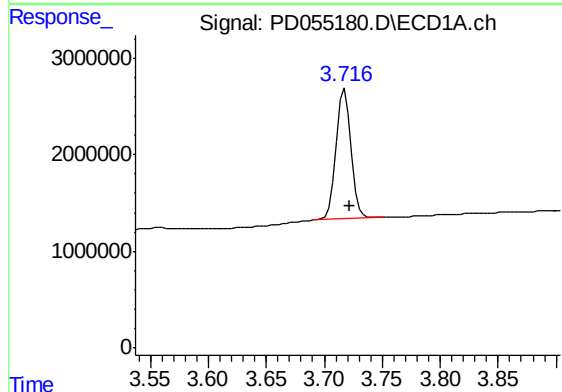
R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 16861967
Conc: 22.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



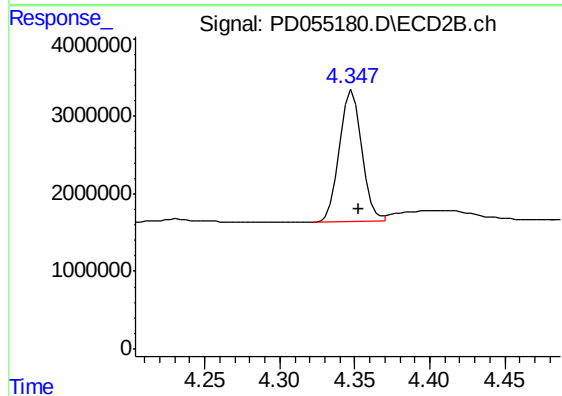
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: -0.004 min
Response: 24237009
Conc: 23.62 ng/ml



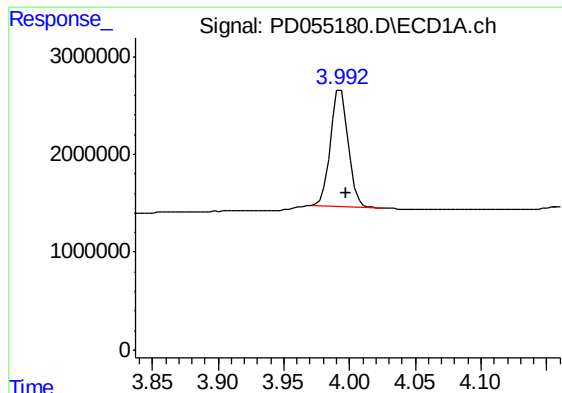
#2 alpha-BHC

R.T.: 3.718 min
Delta R.T.: -0.004 min
Response: 12339055
Conc: 11.11 ng/ml



#2 alpha-BHC

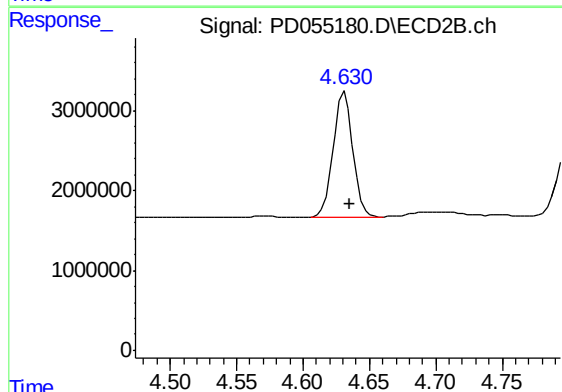
R.T.: 4.348 min
Delta R.T.: -0.004 min
Response: 17255935
Conc: 11.97 ng/ml



#3 gamma-BHC (Lindane)

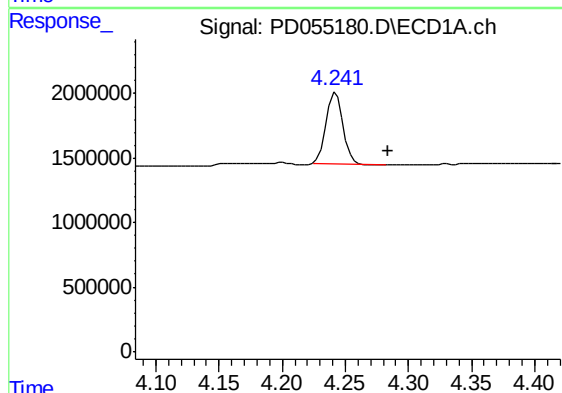
R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 11253123
Conc: 10.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



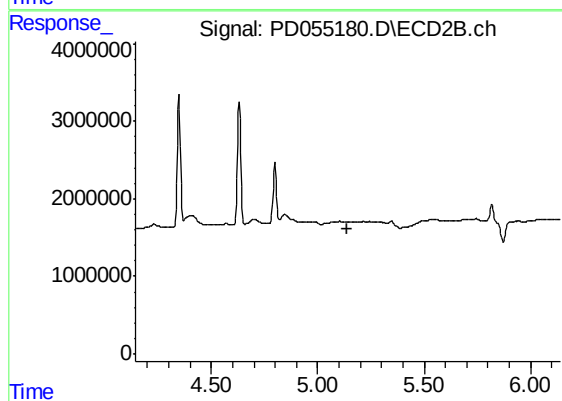
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 16167072
Conc: 11.55 ng/ml



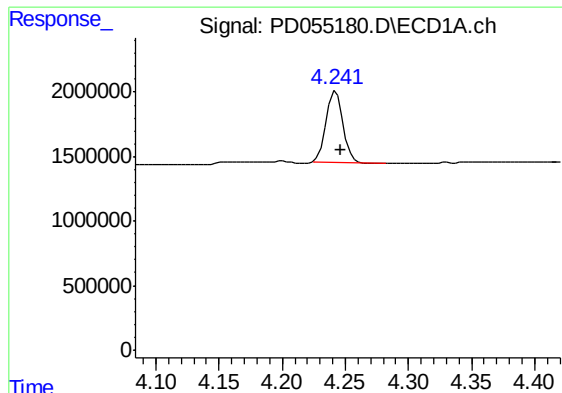
#4 Heptachlor

R.T.: 4.243 min
Delta R.T.: -0.041 min
Response: 5263124
Conc: 5.69 ng/ml



#4 Heptachlor

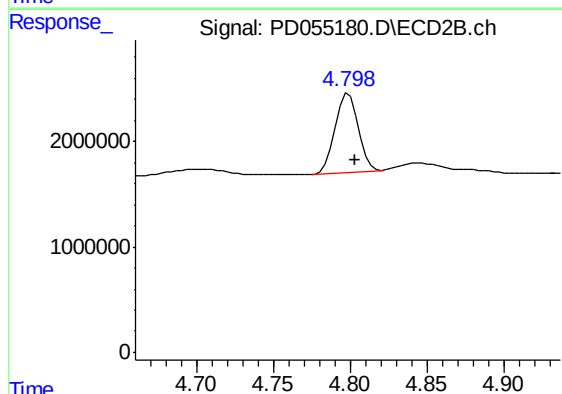
R.T.: 0.000 min
Exp R.T. : 5.142 min
Response: 0
Conc: N.D.



#6 beta-BHC

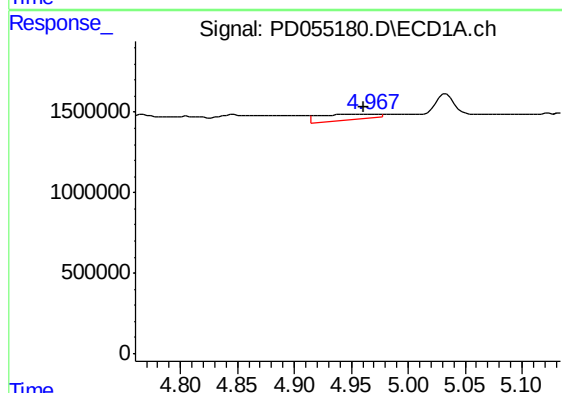
R.T.: 4.243 min
Delta R.T.: -0.004 min
Response: 5263124
Conc: 11.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



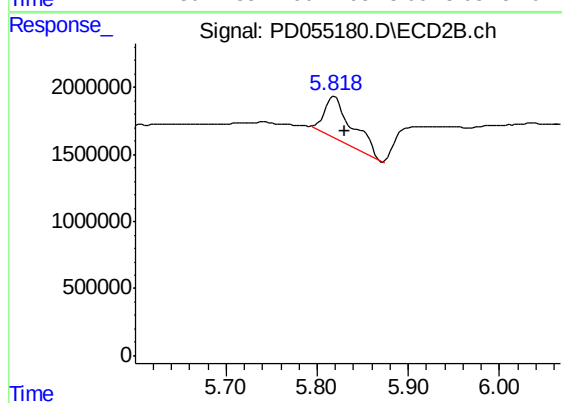
#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 7860043
Conc: 11.79 ng/ml



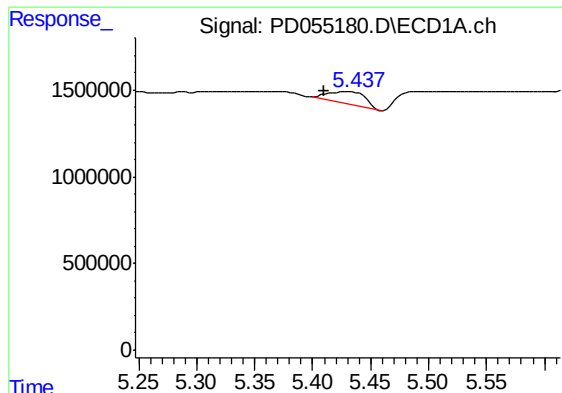
#8 Heptachlor epoxide

R.T.: 4.969 min
Delta R.T.: 0.008 min
Response: 1187134
Conc: 1.29 ng/ml



#8 Heptachlor epoxide

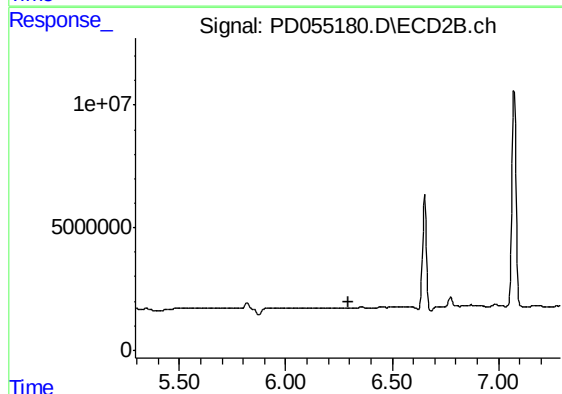
R.T.: 5.819 min
Delta R.T.: -0.012 min
Response: 6715648
Conc: 5.11 ng/ml



#12 4,4'-DDE

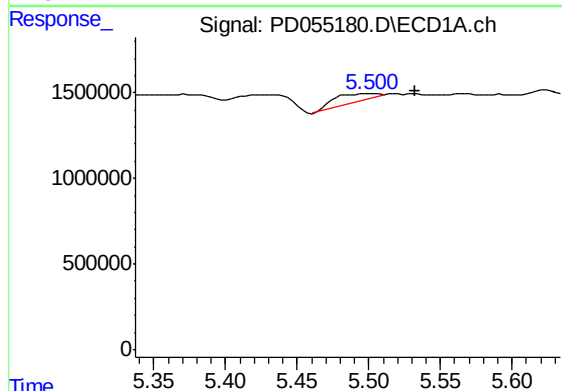
R.T.: 5.431 min
Delta R.T.: 0.022 min
Response: 1655281
Conc: 1.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



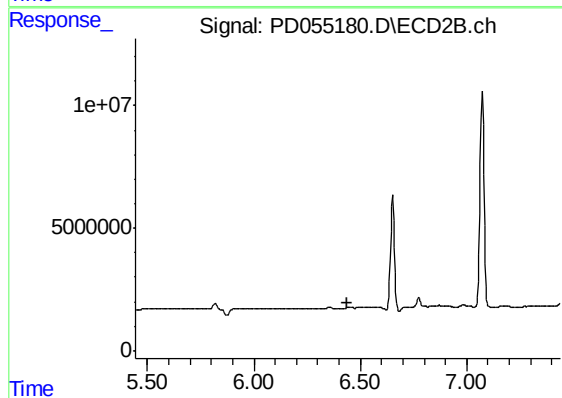
#12 4,4'-DDE

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



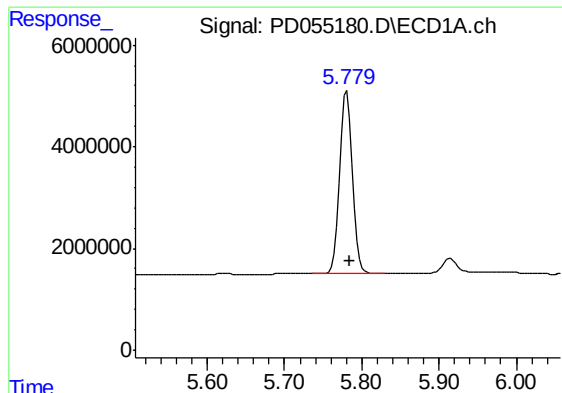
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.030 min
Response: 897237
Conc: 0.91 ng/ml



#13 Dieldrin

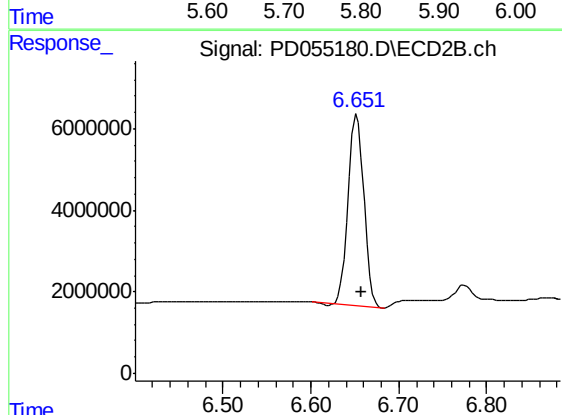
R.T.: 0.000 min
Exp R.T. : 6.441 min
Response: 0
Conc: N.D.



#14 Endrin

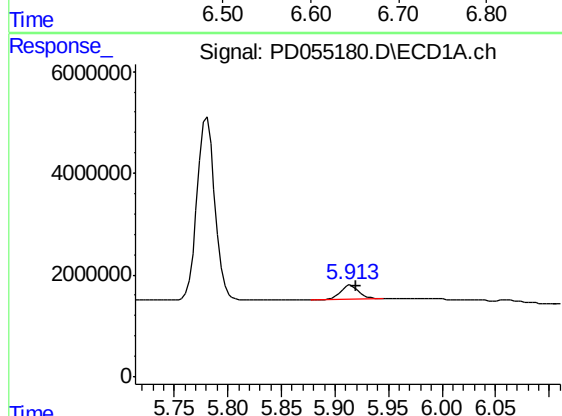
R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 41707620
Conc: 50.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



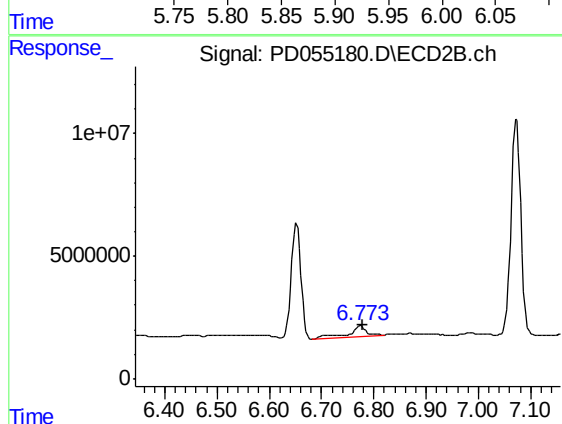
#14 Endrin

R.T.: 6.652 min
Delta R.T.: -0.005 min
Response: 58924886
Conc: 53.50 ng/ml



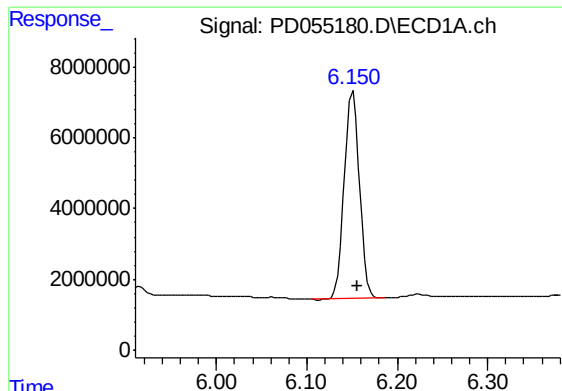
#16 4,4'-DDD

R.T.: 5.915 min
Delta R.T.: -0.006 min
Response: 3061820
Conc: 4.22 ng/ml



#16 4,4'-DDD

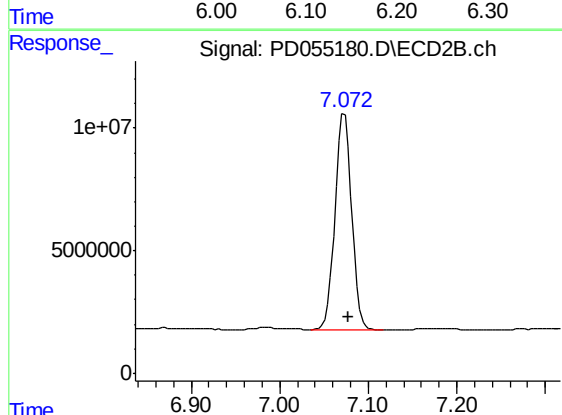
R.T.: 6.775 min
Delta R.T.: -0.005 min
Response: 11090172
Conc: 10.22 ng/ml



#17 4,4'-DDT

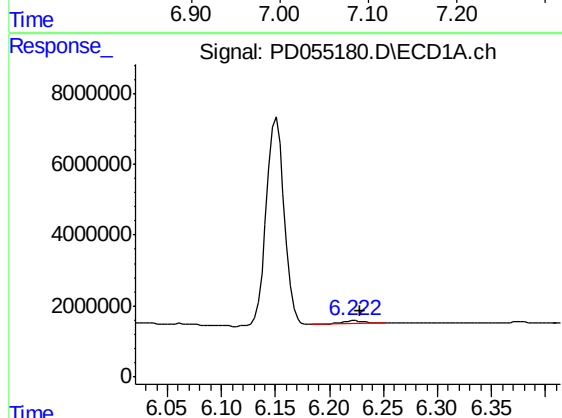
R.T.: 6.151 min
Delta R.T.: -0.005 min
Response: 67844340
Conc: 101.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



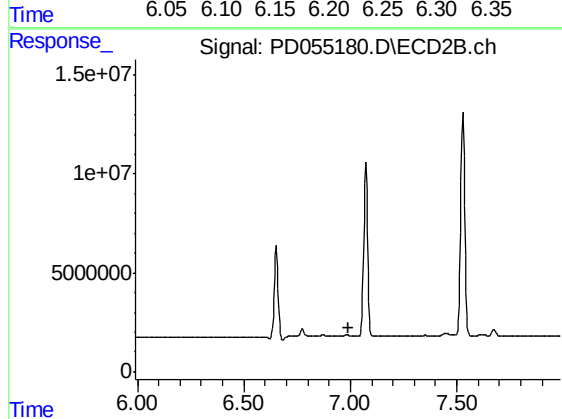
#17 4,4'-DDT

R.T.: 7.073 min
Delta R.T.: -0.005 min
Response: 115787458
Conc: 105.77 ng/ml



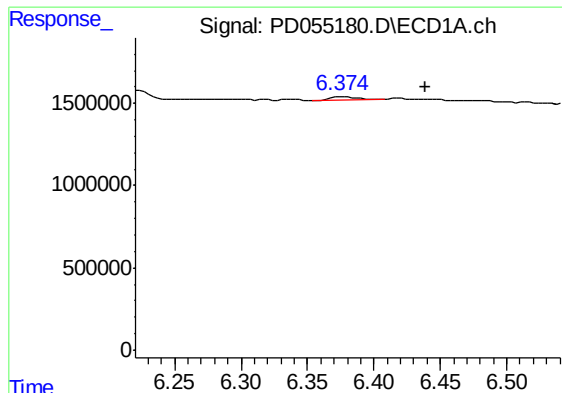
#18 Endrin aldehyde

R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 1031166
Conc: 1.42 ng/ml



#18 Endrin aldehyde

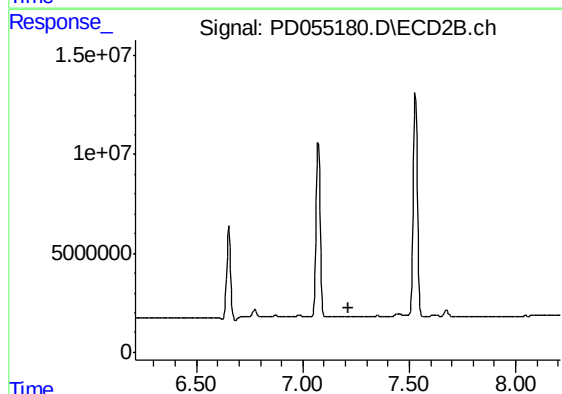
R.T.: 0.000 min
Exp R.T. : 6.989 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

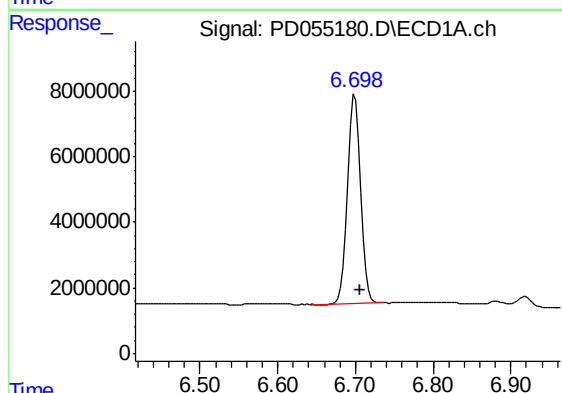
R.T.: 6.375 min
Delta R.T.: -0.064 min
Response: 267341
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



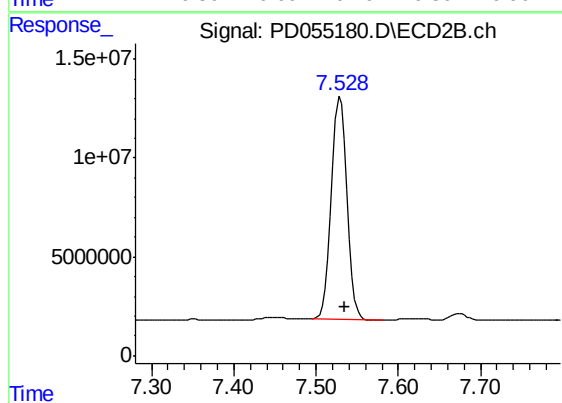
#19 Endosulfan Sulfate

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



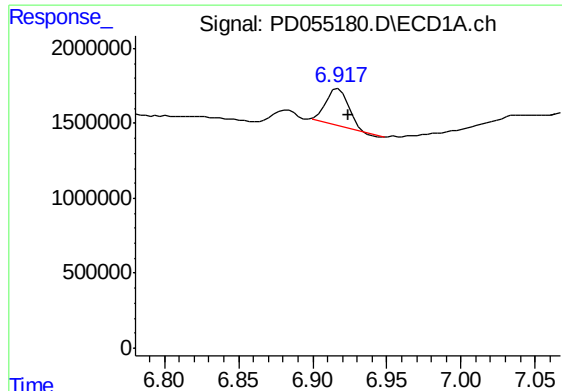
#20 Methoxychlor

R.T.: 6.700 min
Delta R.T.: -0.006 min
Response: 75744448
Conc: 213.63 ng/ml



#20 Methoxychlor

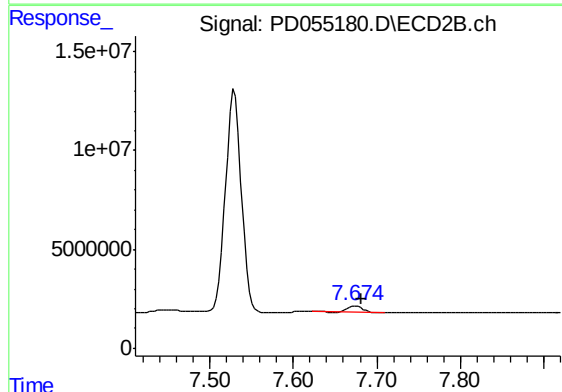
R.T.: 7.529 min
Delta R.T.: -0.005 min
Response: 148844912
Conc: 238.62 ng/ml



#21 Endrin ketone

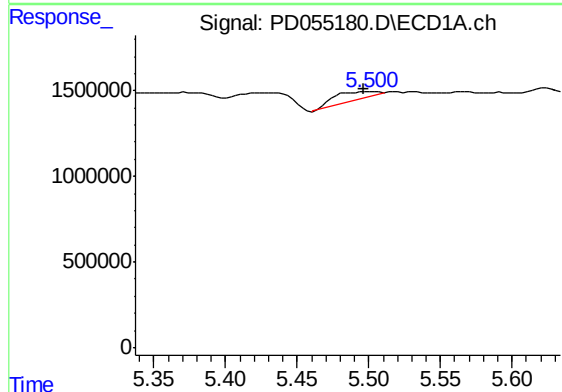
R.T.: 6.918 min
Delta R.T.: -0.007 min
Response: 2615338
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



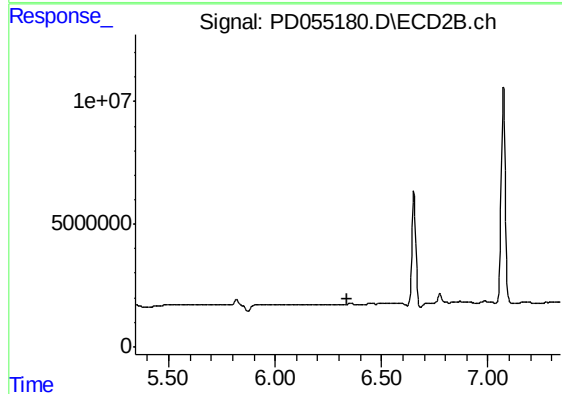
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.006 min
Response: 3069105
Conc: 2.33 ng/ml



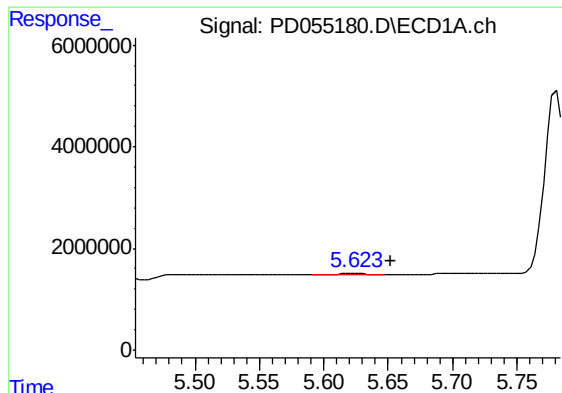
#22 Toxaphene-1

R.T.: 5.502 min
Delta R.T.: 0.005 min
Response: 897237
Conc: 160.39 ng/ml



#22 Toxaphene-1

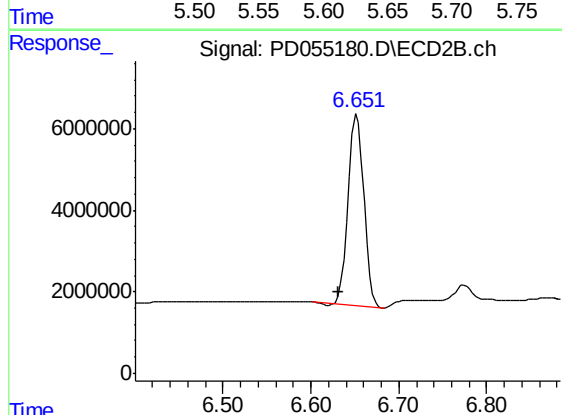
R.T.: 0.000 min
Exp R.T. : 6.342 min
Response: 0
Conc: N.D.



#23 Toxaphene-2

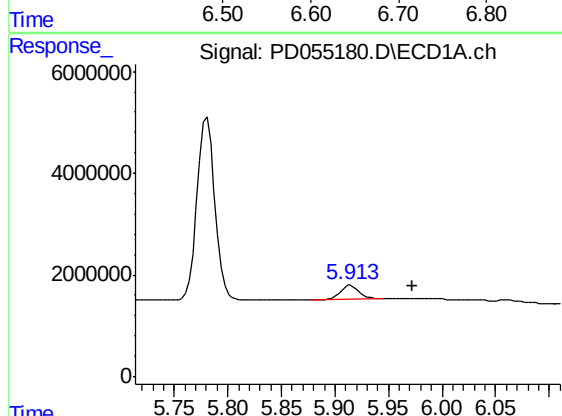
R.T.: 5.624 min
Delta R.T.: -0.028 min
Response: 322559
Conc: 55.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



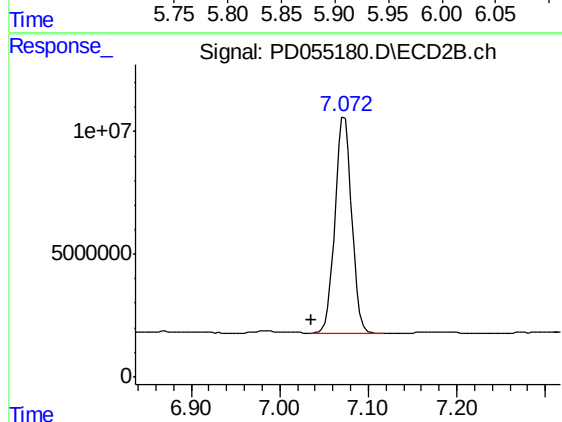
#23 Toxaphene-2

R.T.: 6.652 min
Delta R.T.: 0.022 min
Response: 58924886
Conc: 6971.79 ng/ml



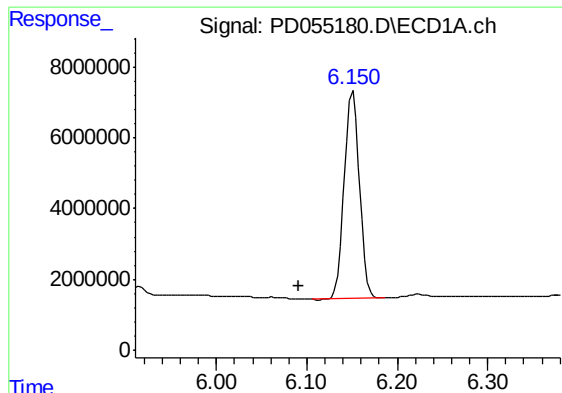
#24 Toxaphene-3

R.T.: 5.915 min
Delta R.T.: -0.058 min
Response: 3061820
Conc: 612.90 ng/ml



#24 Toxaphene-3

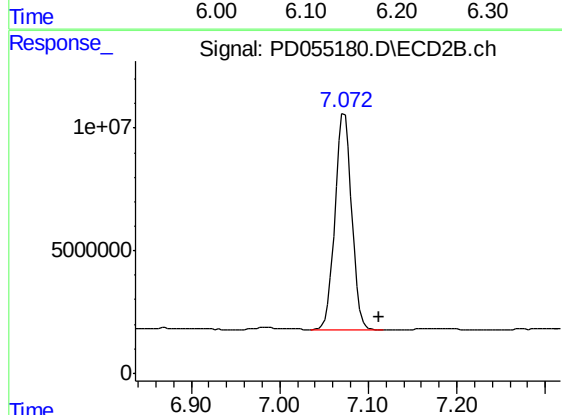
R.T.: 7.073 min
Delta R.T.: 0.037 min
Response: 115787458
Conc: 9444.53 ng/ml



#25 Toxaphene-4

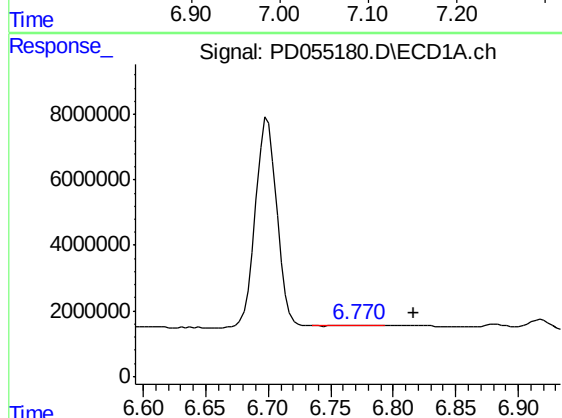
R.T.: 6.151 min
Delta R.T.: 0.060 min
Response: 67844340
Conc: 4485.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



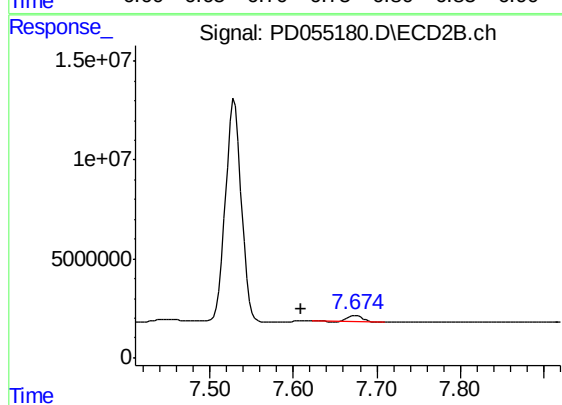
#25 Toxaphene-4

R.T.: 7.073 min
Delta R.T.: -0.039 min
Response: 115787458
Conc: 3438.10 ng/ml



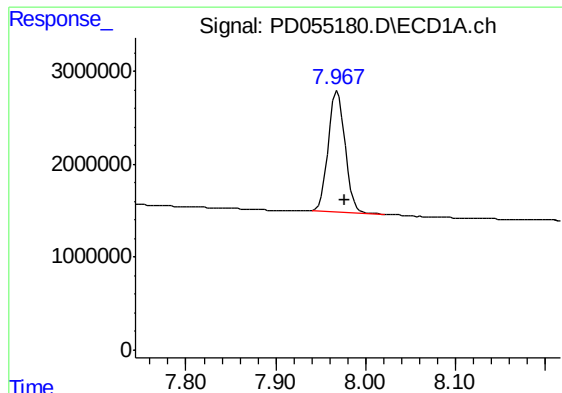
#26 Toxaphene-5

R.T.: 6.772 min
Delta R.T.: -0.045 min
Response: 254622
Conc: 13.76 ng/ml



#26 Toxaphene-5

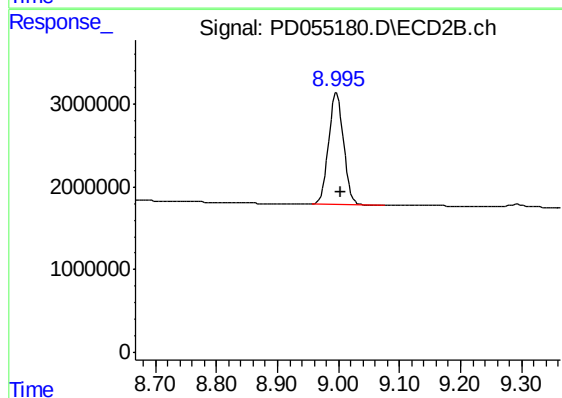
R.T.: 7.675 min
Delta R.T.: 0.065 min
Response: 3069105
Conc: 186.94 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.969 min
Delta R.T.: -0.008 min
Response: 17149059
Conc: 20.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



#27 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.008 min
Response: 23215347
Conc: 19.93 ng/ml