

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121719\
 Data File : PD056510.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2019 16:38
 Operator : SG\AJ
 Sample : PEM02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 00:46:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120219CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 03 08:51:13 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...	3.287	3.961	16729925	28807707	20.200	23.961
27)	SA Decachlor...	7.963	9.000	19746273	26747066	21.868	22.231
Target Compounds							
2)	A alpha-BHC	3.714	4.348	12003801	20022597	10.196	12.005
3)	MA gamma-BHC...	3.989	4.631	12240895	19359038	10.901	11.996
4)	MA Heptachlor	4.240f	0.000	5456144	0	5.413	N.D. #
6)	B beta-BHC	4.240	4.800	5456144	9422576	10.137	11.434
8)	B Heptachlo...	0.000	5.820	0	8359109	N.D.	5.396
14)	MA Endrin	5.775	6.654	42137596	69302879	50.422	54.760
16)	A 4,4'-DDD	0.000	6.776	0	2954752	N.D.	2.511
17)	MA 4,4'-DDT	6.145	7.074	80582946	141.9E6	114.523	120.075
18)	B Endrin al...	0.000	6.985	0	1532973	N.D.	1.261
20)	A Methoxychlor	6.693	7.531	100.2E6	187.4E6	295.560	309.292
21)	B Endrin ke...	0.000	7.677	0	4541268	N.D.	3.086
23)	Toxaphene-2	0.000	6.654	0	69302879	N.D.	5021.819
24)	Toxaphene-3	0.000	7.074	0	141.9E6	N.D.	7215.892
25)	Toxaphene-4	6.145	7.074	80582946	141.9E6	3252.533	2570.778
26)	Toxaphene-5	0.000	7.624	0	1866232	N.D.	73.017

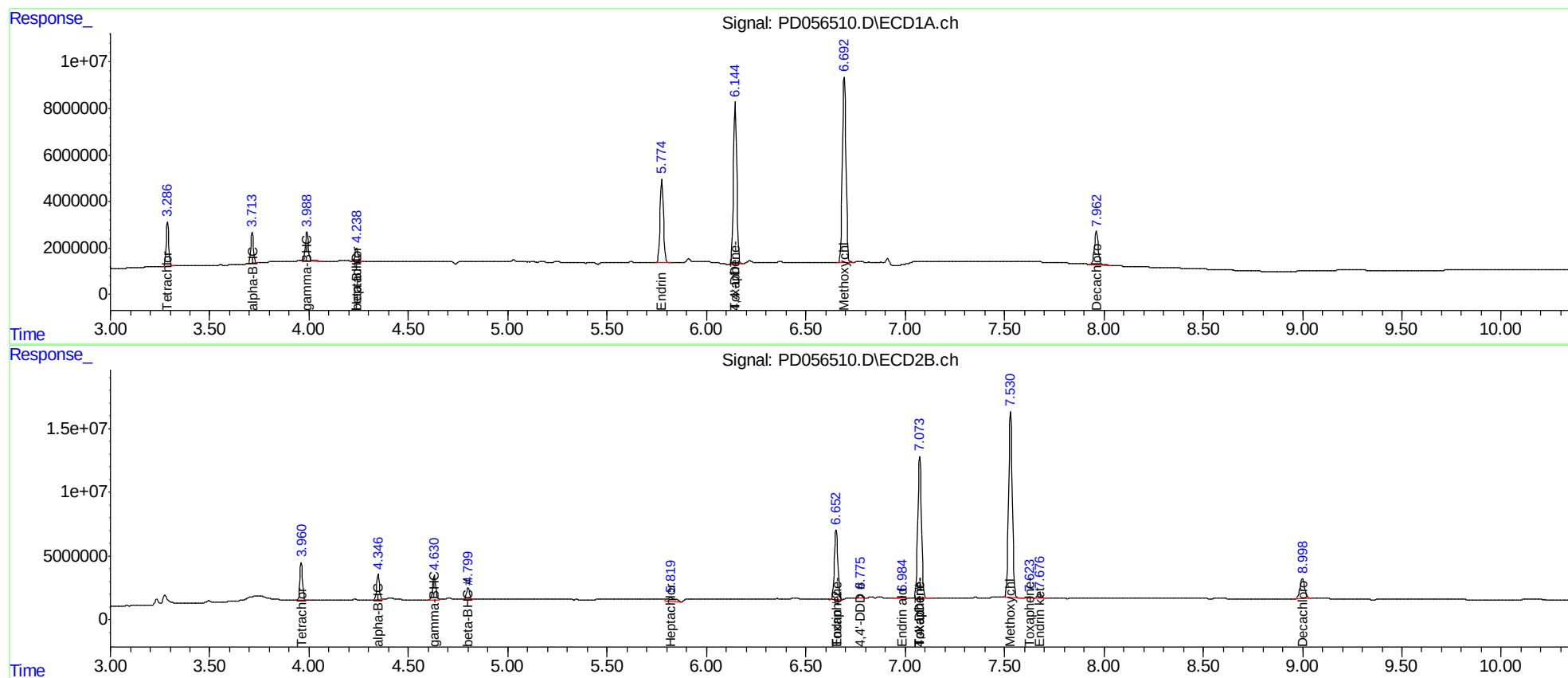
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

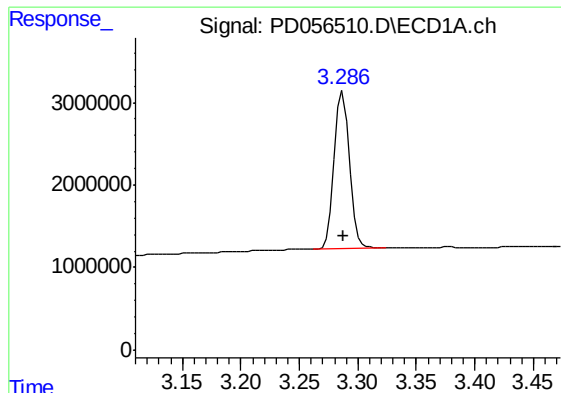
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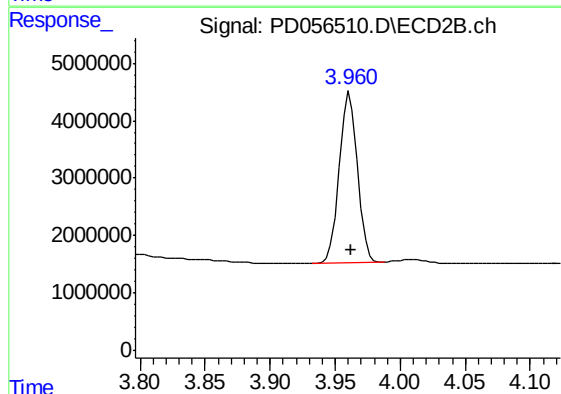




#1 Tetrachloro-m-xylene

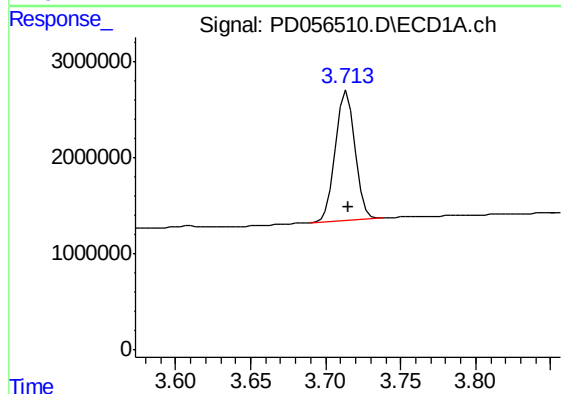
R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 16729925
Conc: 20.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM02



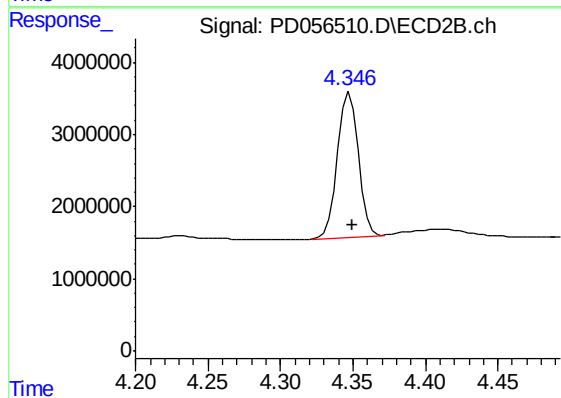
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: -0.001 min
Response: 28807707
Conc: 23.96 ng/ml



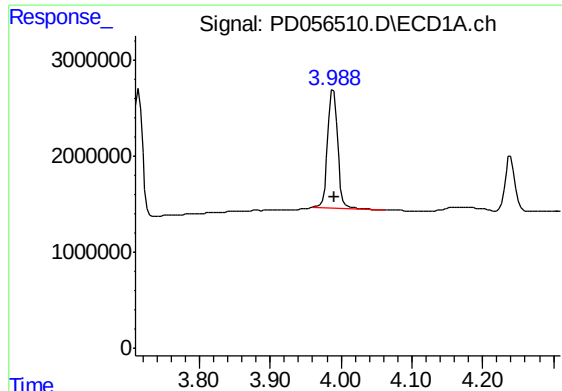
#2 alpha-BHC

R.T.: 3.714 min
Delta R.T.: 0.000 min
Response: 12003801
Conc: 10.20 ng/ml



#2 alpha-BHC

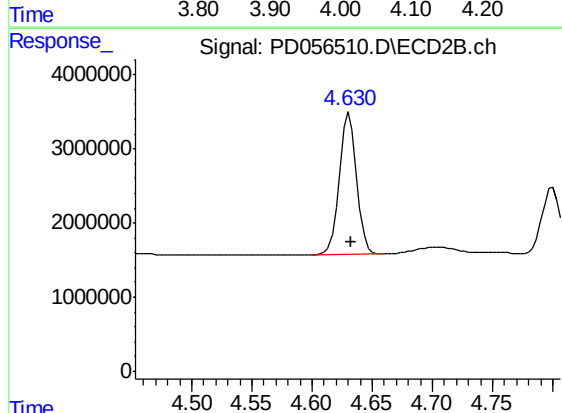
R.T.: 4.348 min
Delta R.T.: -0.002 min
Response: 20022597
Conc: 12.00 ng/ml



#3 gamma-BHC (Lindane)

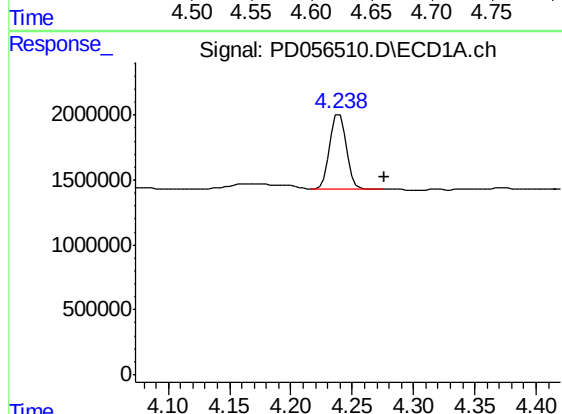
R.T.: 3.989 min
Delta R.T.: -0.001 min
Response: 12240895
Conc: 10.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM02



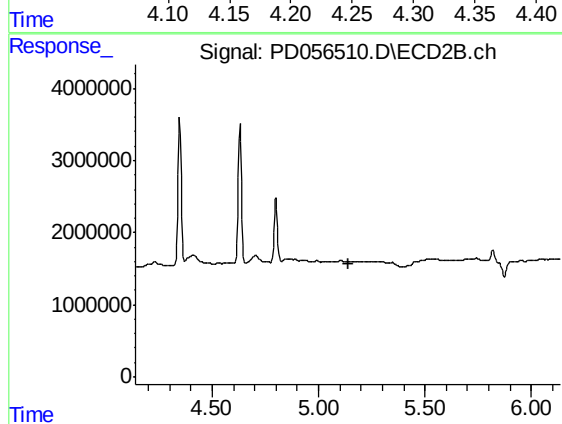
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: -0.001 min
Response: 19359038
Conc: 12.00 ng/ml



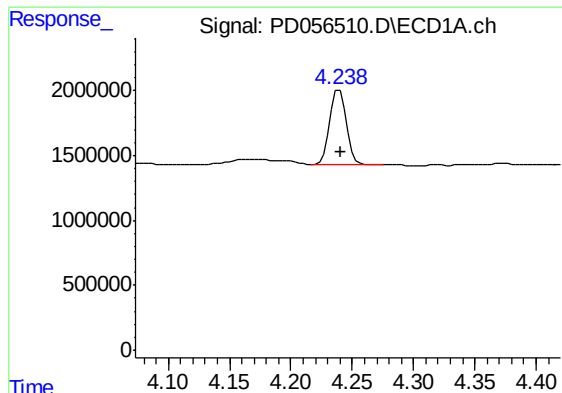
#4 Heptachlor

R.T.: 4.240 min
Delta R.T.: -0.037 min
Response: 5456144
Conc: 5.41 ng/ml



#4 Heptachlor

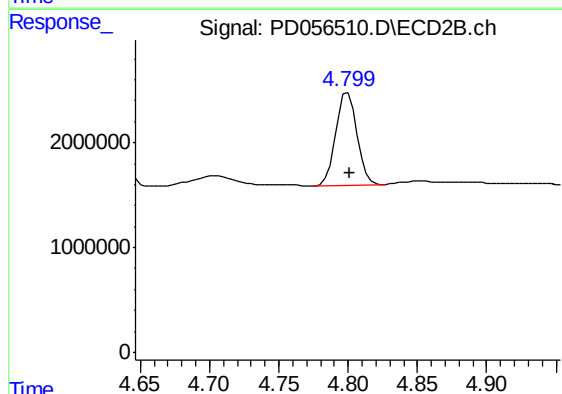
R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



#6 beta-BHC

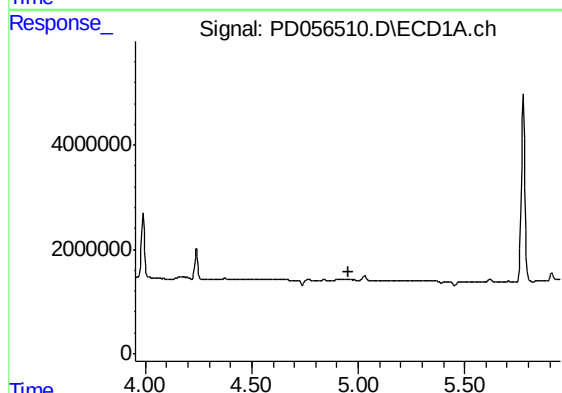
R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 5456144
Conc: 10.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM02



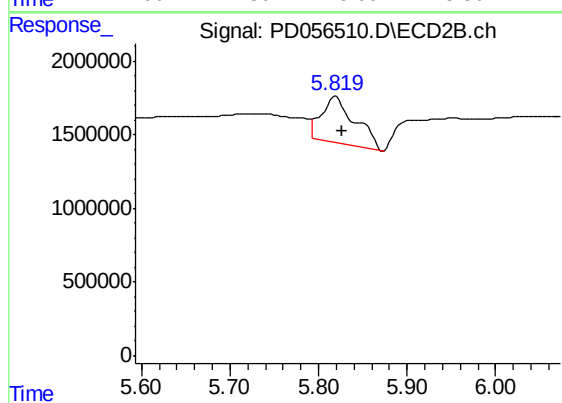
#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 9422576
Conc: 11.43 ng/ml



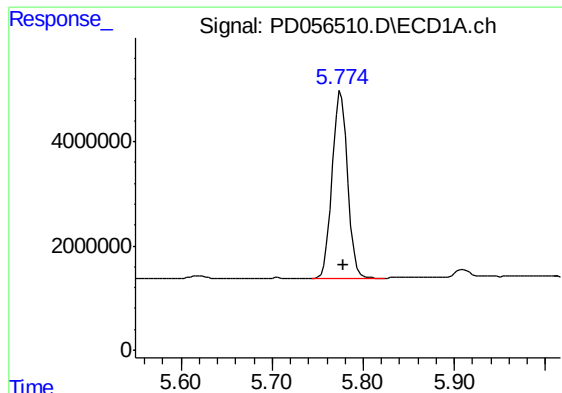
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.953 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

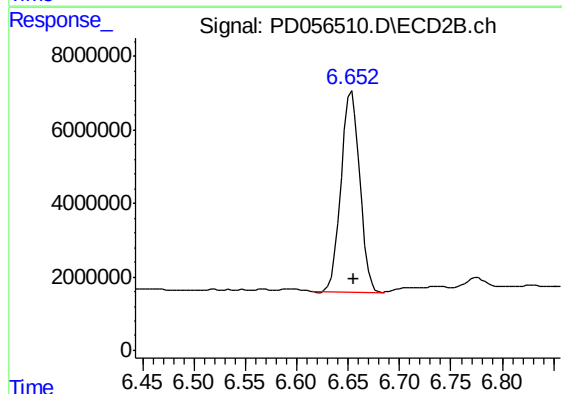
R.T.: 5.820 min
Delta R.T.: -0.007 min
Response: 8359109
Conc: 5.40 ng/ml



#14 Endrin

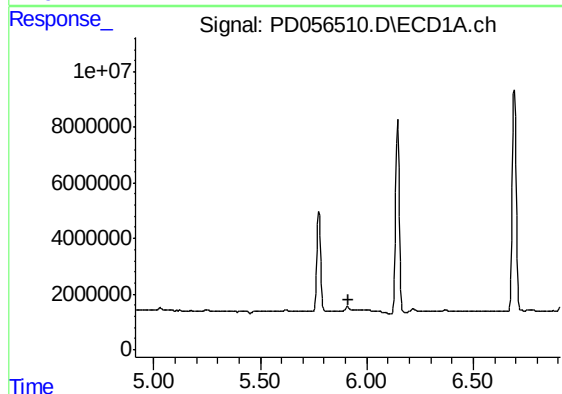
R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 42137596
Conc: 50.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM02



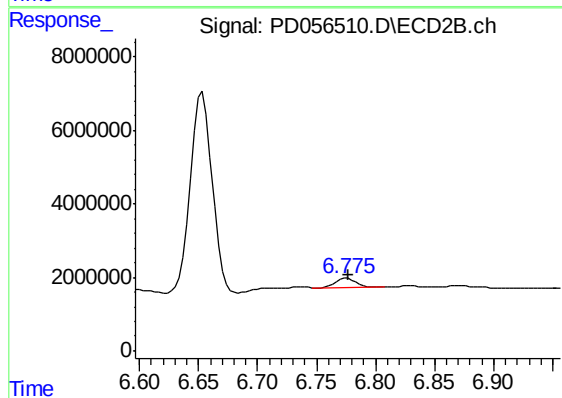
#14 Endrin

R.T.: 6.654 min
Delta R.T.: -0.002 min
Response: 69302879
Conc: 54.76 ng/ml



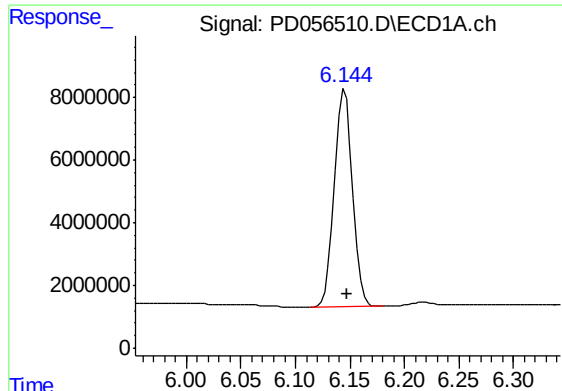
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.912 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

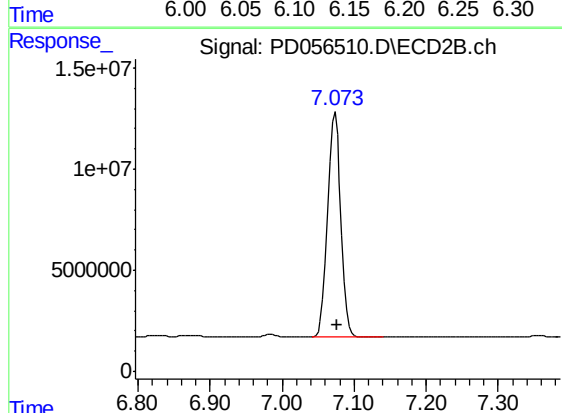
R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 2954752
Conc: 2.51 ng/ml



#17 4,4'-DDT

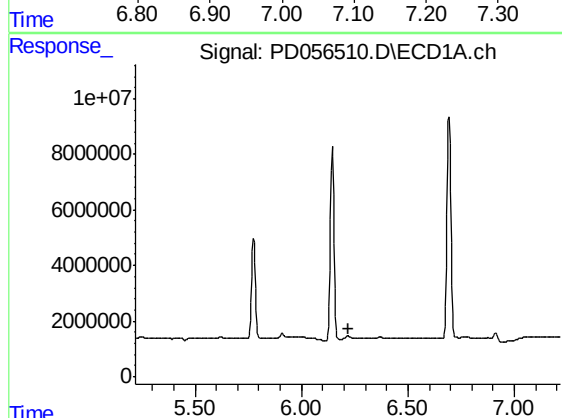
R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 80582946
Conc: 114.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM02



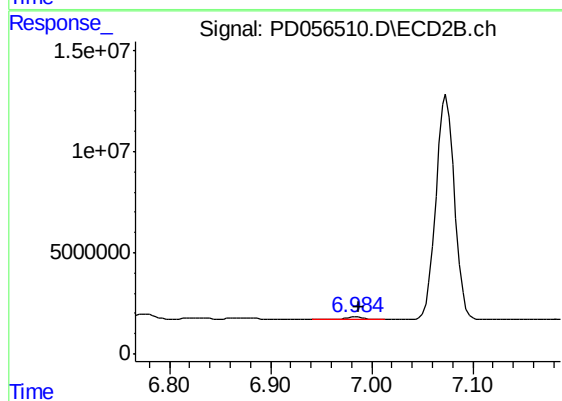
#17 4,4'-DDT

R.T.: 7.074 min
Delta R.T.: -0.002 min
Response: 141946490
Conc: 120.07 ng/ml



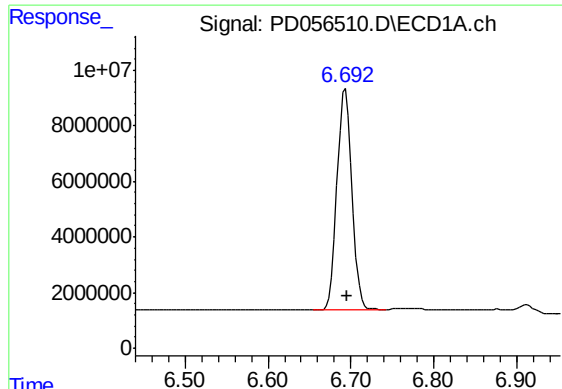
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.219 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

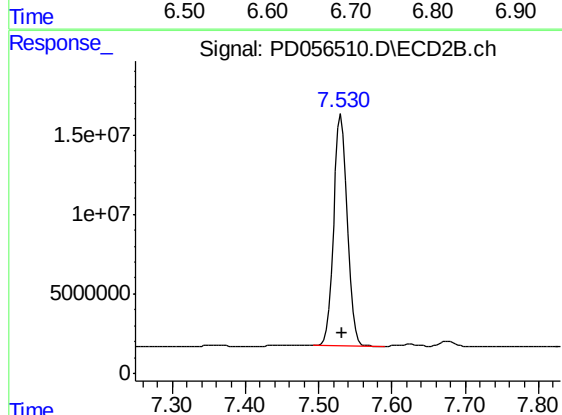
R.T.: 6.985 min
Delta R.T.: -0.002 min
Response: 1532973
Conc: 1.26 ng/ml



#20 Methoxychlor

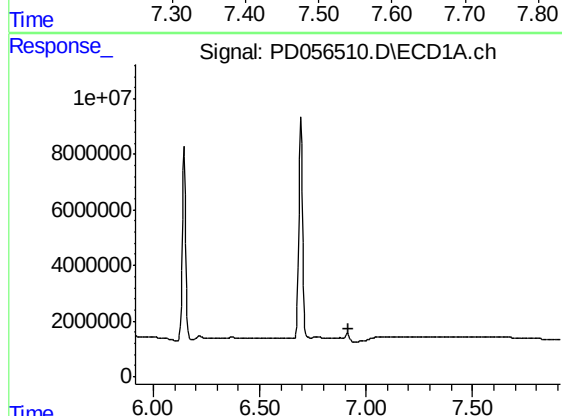
R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 100171244
Conc: 295.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM02



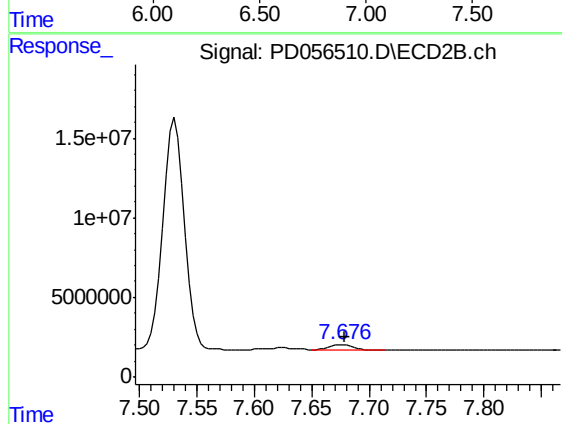
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 187382164
Conc: 309.29 ng/ml



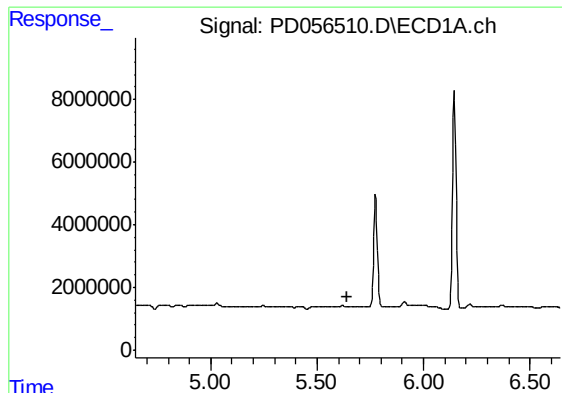
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.915 min
Response: 0
Conc: N.D.



#21 Endrin ketone

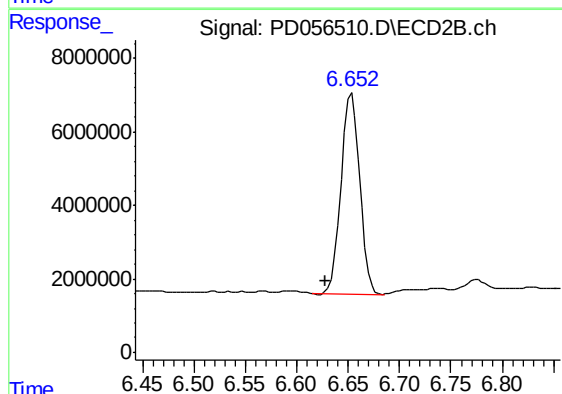
R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 4541268
Conc: 3.09 ng/ml



#23 Toxaphene-2

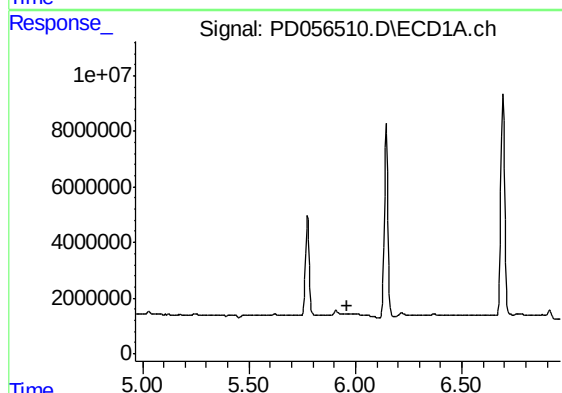
R.T.: 0.000 min
Exp R.T.: 5.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM02



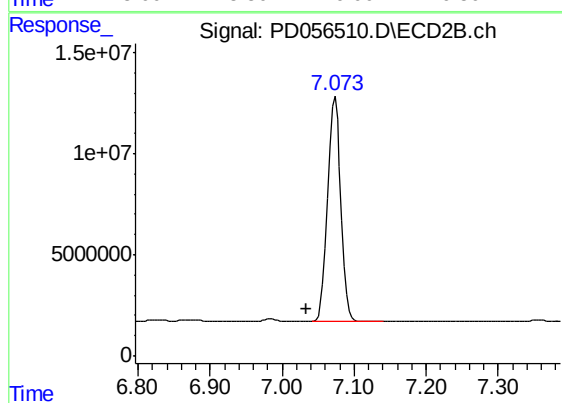
#23 Toxaphene-2

R.T.: 6.654 min
Delta R.T.: 0.025 min
Response: 69302879
Conc: 5021.82 ng/ml



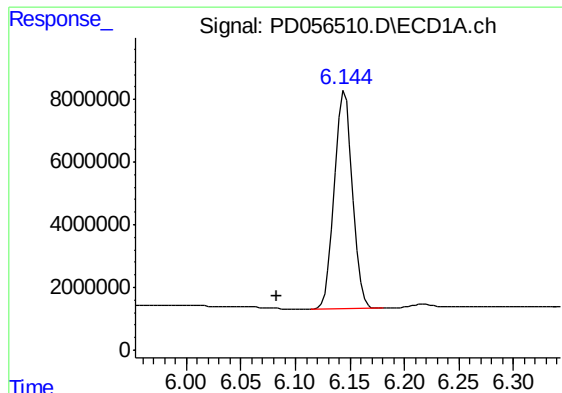
#24 Toxaphene-3

R.T.: 0.000 min
Exp R.T.: 5.965 min
Response: 0
Conc: N.D.



#24 Toxaphene-3

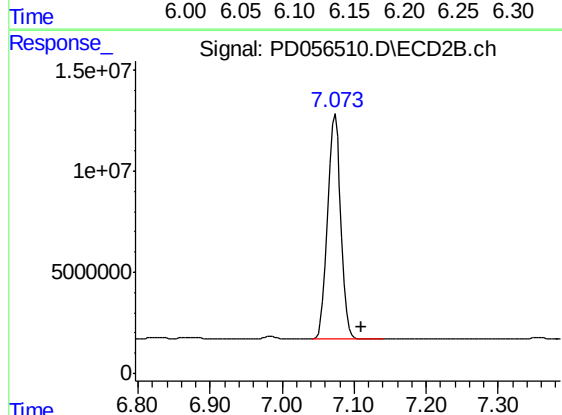
R.T.: 7.074 min
Delta R.T.: 0.041 min
Response: 141946490
Conc: 7215.89 ng/ml



#25 Toxaphene-4

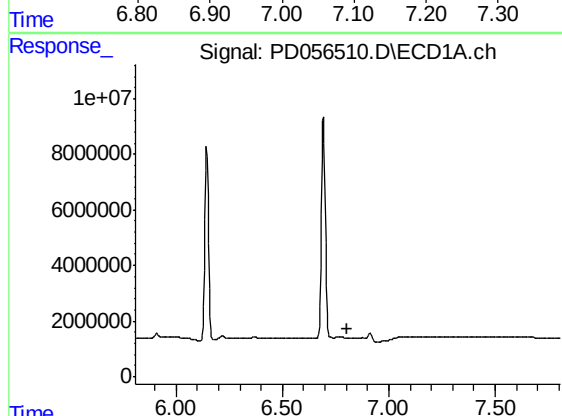
R.T.: 6.145 min
Delta R.T.: 0.063 min
Response: 80582946
Conc: 3252.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM02



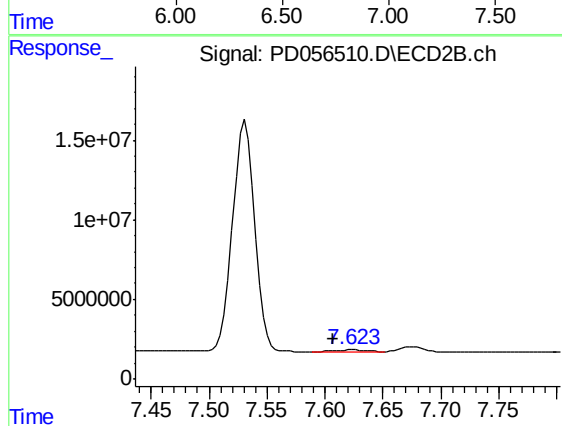
#25 Toxaphene-4

R.T.: 7.074 min
Delta R.T.: -0.036 min
Response: 141946490
Conc: 2570.78 ng/ml



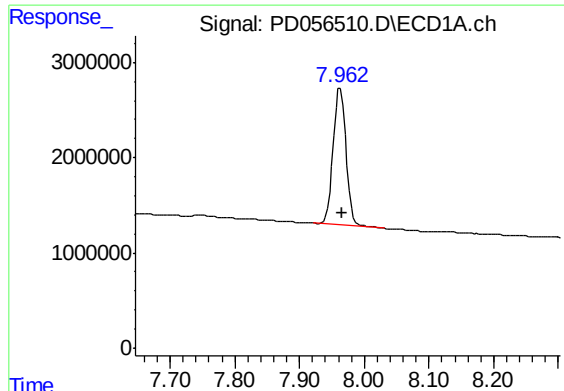
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 6.808 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

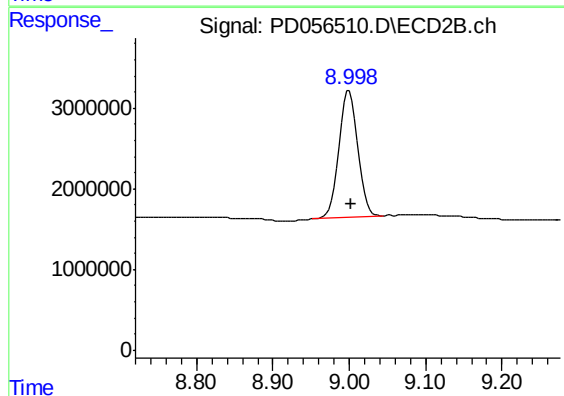
R.T.: 7.624 min
Delta R.T.: 0.017 min
Response: 1866232
Conc: 73.02 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.963 min
Delta R.T.: -0.002 min
Response: 19746273
Conc: 21.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM02



#27 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.003 min
Response: 26747066
Conc: 22.23 ng/ml