

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121119\
 Data File : PD056358.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2019 08:40
 Operator : SG\AJ
 Sample : PEM44
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM44

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 01:08:10 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	3.960	19006968	28467486	22.950	23.678
27)	SA Decachlor...	7.959	8.994	21601721	27313237	23.923	22.701
Target Compounds							
2)	A alpha-BHC	3.713	4.347	13546233	19509298	11.506	11.697
3)	MA gamma-BHC...	3.989	4.629	13022052	18797153	11.596	11.648
4)	MA Heptachlor	4.238f	0.000	5898485	0	5.852	N.D. #
6)	B beta-BHC	4.238	4.798	5898485	9738943	10.959	11.818
12)	B 4,4'-DDE	0.000	6.285	0	608143	N.D.	0.387
14)	MA Endrin	5.773	6.650	45073107	65475663	53.935	51.736
15)	B Endosulfa...	0.000	6.868	0	1330717	N.D.	0.908
16)	A 4,4'-DDD	5.907	6.772	6598881	9632241	9.272	8.185
17)	MA 4,4'-DDT	6.143	7.070	80259017	123.6E6	114.062	104.550
18)	B Endrin al...	0.000	6.981	0	1624450	N.D.	1.336
20)	A Methoxychlor	6.691	7.527	94130015	157.5E6	277.735	259.978
21)	B Endrin ke...	6.909	7.673	5103202	6885964	5.270	4.680
22)	Toxaphene-1	0.000	6.285	0	608143	N.D.	54.168
23)	Toxaphene-2	0.000	6.650	0	65475663	N.D.	4744.491
24)	Toxaphene-3	5.907	7.070	6598881	123.6E6	797.438	6282.940 #
25)	Toxaphene-4	6.143	7.070	80259017	123.6E6	3239.459	2238.398 #
26)	Toxaphene-5	0.000	7.620	0	1326000	N.D.	51.880

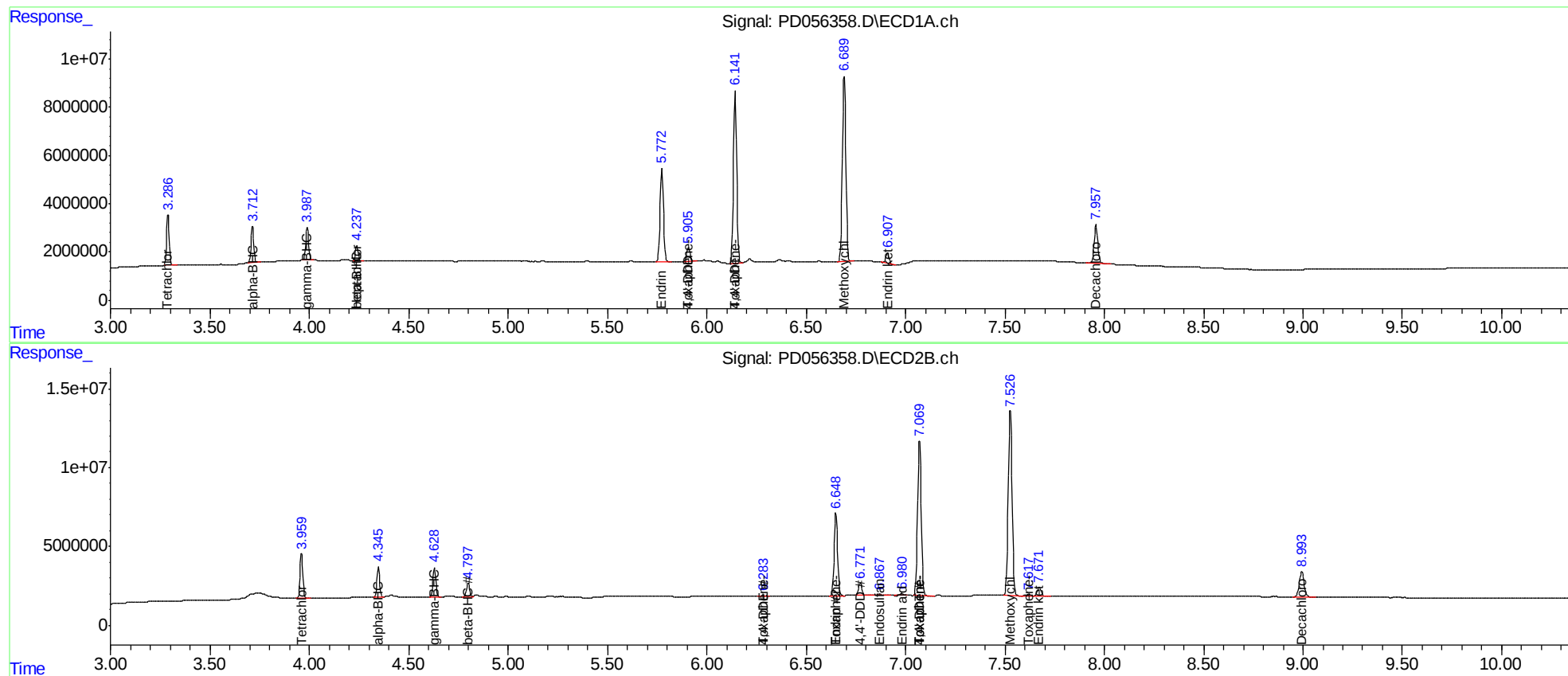
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

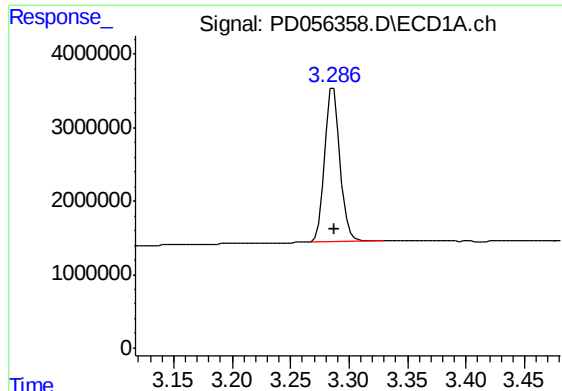
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121119\
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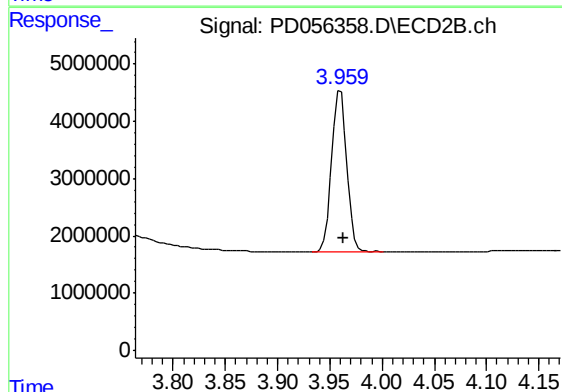




#1 Tetrachloro-m-xylene

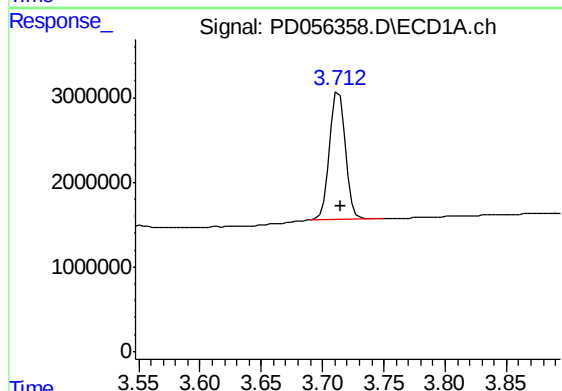
R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 19006968
Conc: 22.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM44



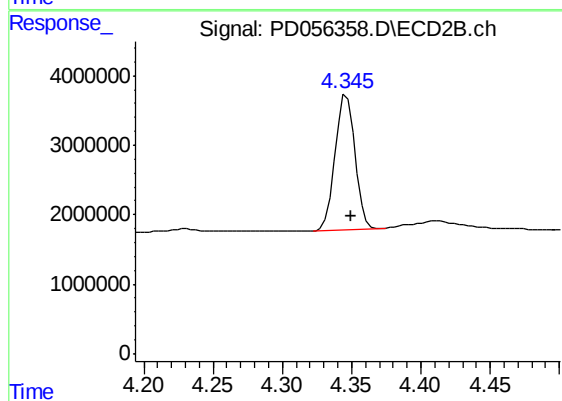
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 28467486
Conc: 23.68 ng/ml



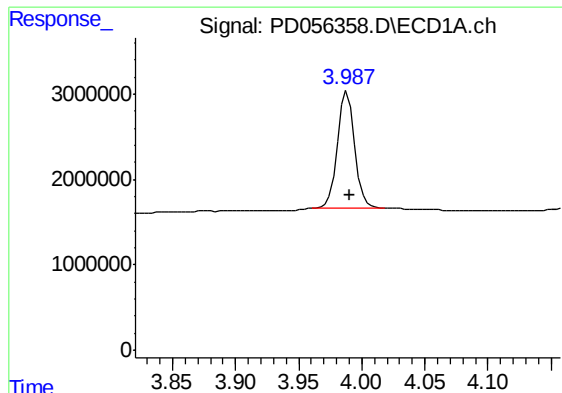
#2 alpha-BHC

R.T.: 3.713 min
Delta R.T.: -0.002 min
Response: 13546233
Conc: 11.51 ng/ml



#2 alpha-BHC

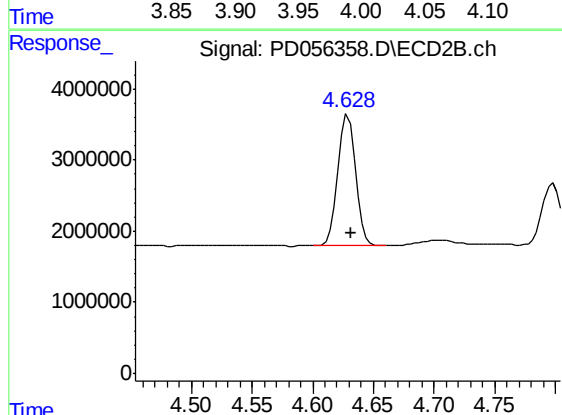
R.T.: 4.347 min
Delta R.T.: -0.003 min
Response: 19509298
Conc: 11.70 ng/ml



#3 gamma-BHC (Lindane)

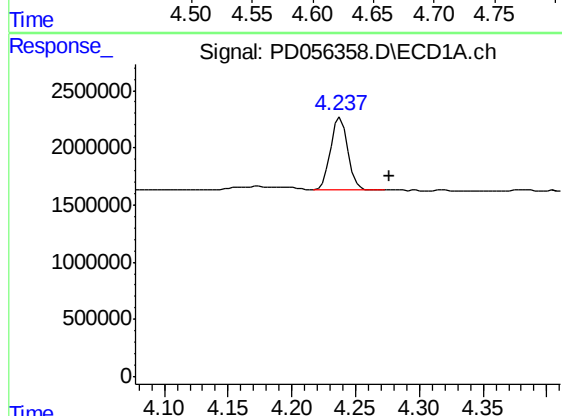
R.T.: 3.989 min
Delta R.T.: -0.002 min
Response: 13022052
Conc: 11.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM44



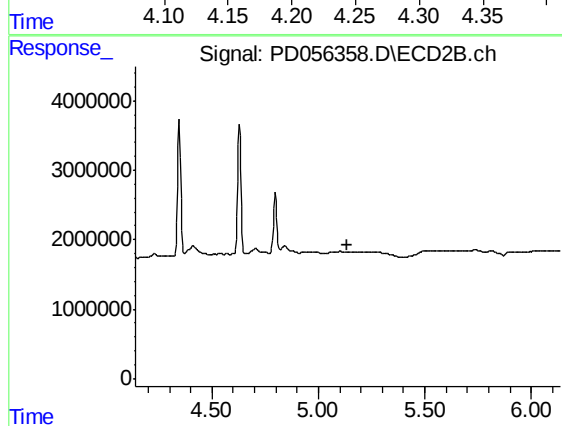
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: -0.003 min
Response: 18797153
Conc: 11.65 ng/ml



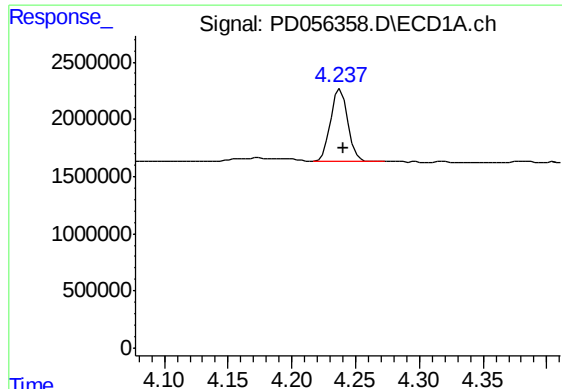
#4 Heptachlor

R.T.: 4.238 min
Delta R.T.: -0.038 min
Response: 5898485
Conc: 5.85 ng/ml



#4 Heptachlor

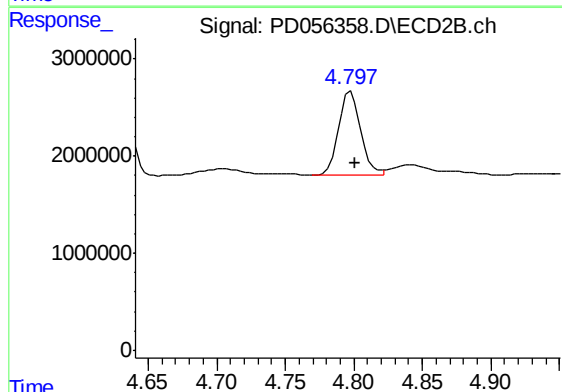
R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



#6 beta-BHC

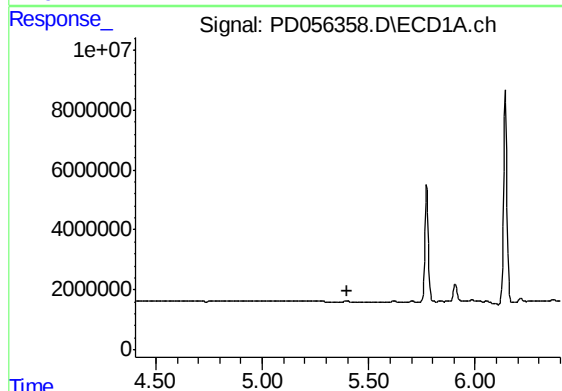
R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 5898485
Conc: 10.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM44



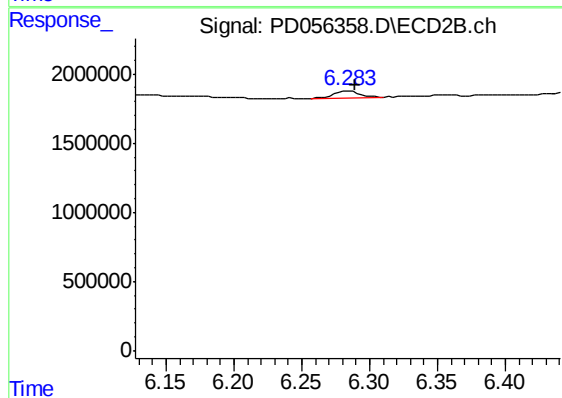
#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: -0.003 min
Response: 9738943
Conc: 11.82 ng/ml



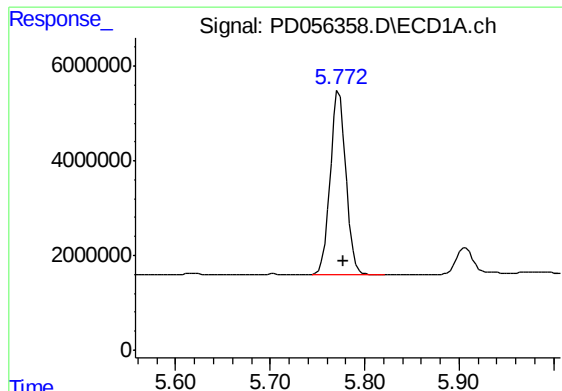
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.401 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

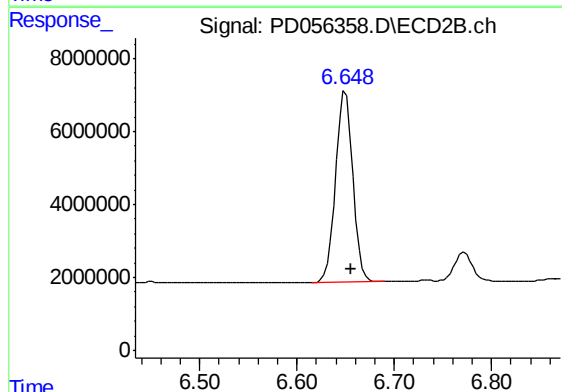
R.T.: 6.285 min
Delta R.T.: -0.005 min
Response: 608143
Conc: 0.39 ng/ml



#14 Endrin

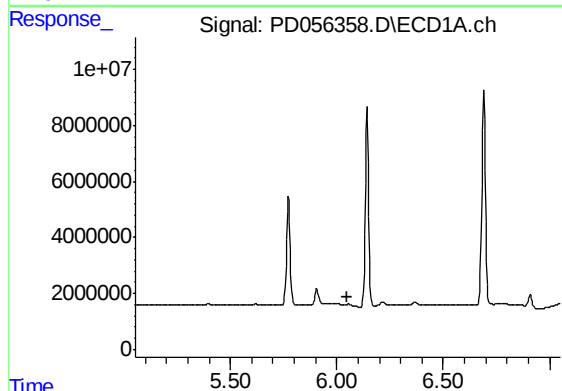
R.T.: 5.773 min
Delta R.T.: -0.005 min
Response: 45073107
Conc: 53.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM44



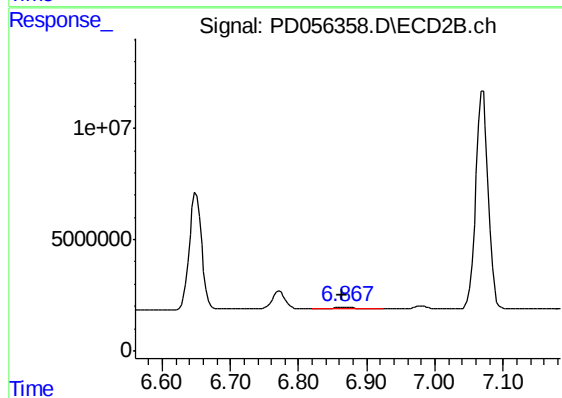
#14 Endrin

R.T.: 6.650 min
Delta R.T.: -0.006 min
Response: 65475663
Conc: 51.74 ng/ml



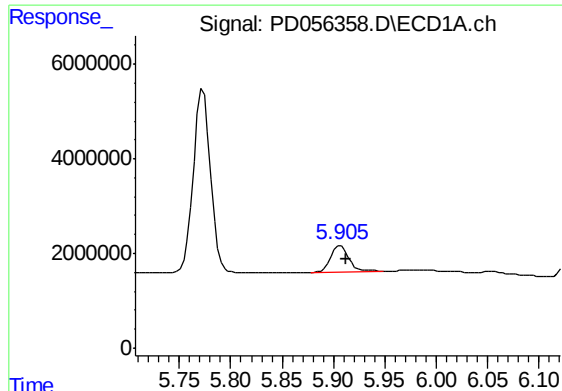
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.051 min
Response: 0
Conc: N.D.



#15 Endosulfan II

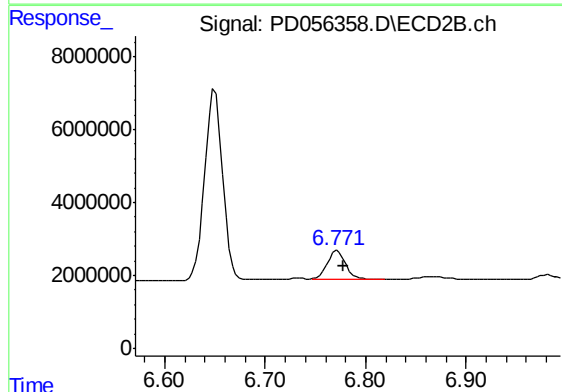
R.T.: 6.868 min
Delta R.T.: 0.005 min
Response: 1330717
Conc: 0.91 ng/ml



#16 4,4'-DDD

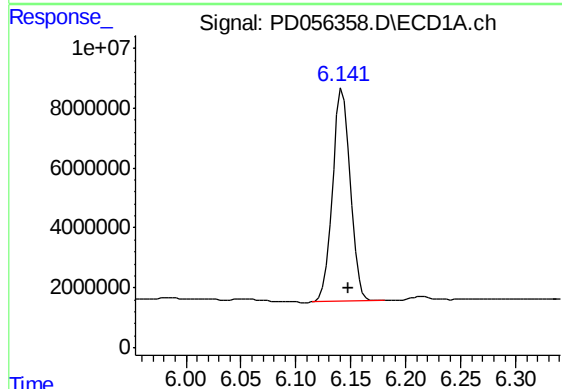
R.T.: 5.907 min
Delta R.T.: -0.005 min
Response: 6598881
Conc: 9.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM44



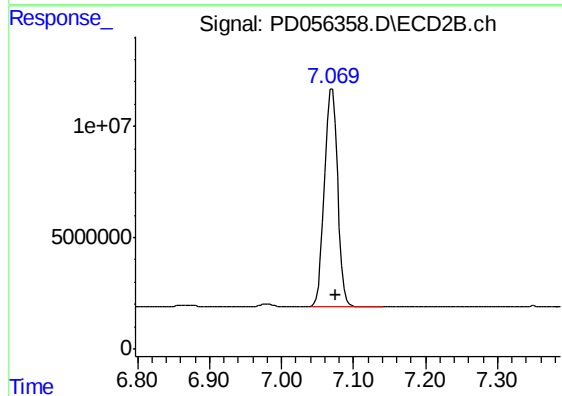
#16 4,4'-DDD

R.T.: 6.772 min
Delta R.T.: -0.005 min
Response: 9632241
Conc: 8.19 ng/ml



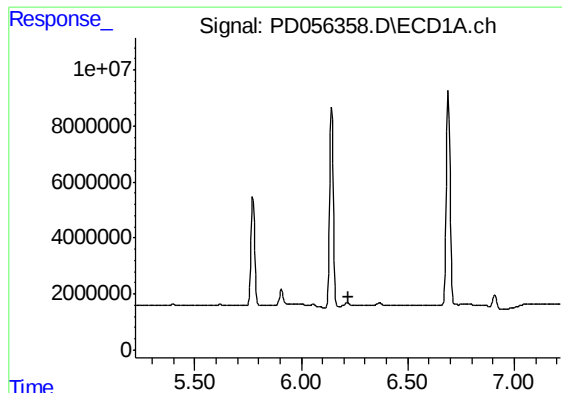
#17 4,4'-DDT

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 80259017
Conc: 114.06 ng/ml



#17 4,4'-DDT

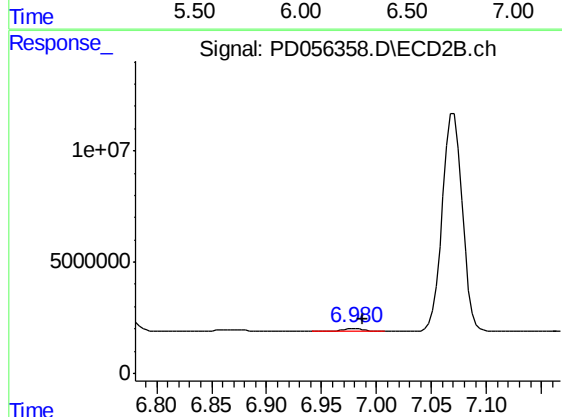
R.T.: 7.070 min
Delta R.T.: -0.005 min
Response: 123594043
Conc: 104.55 ng/ml



#18 Endrin aldehyde

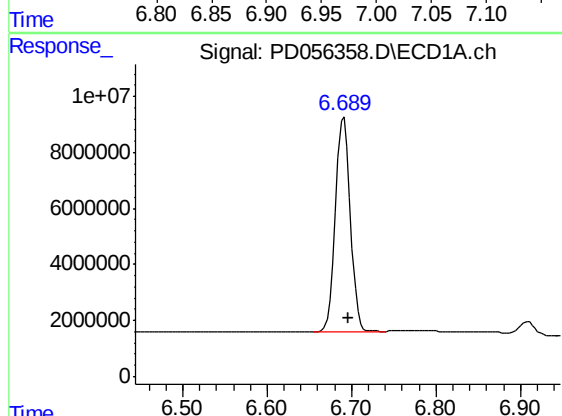
R.T.: 0.000 min
Exp R.T.: 6.219 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM44



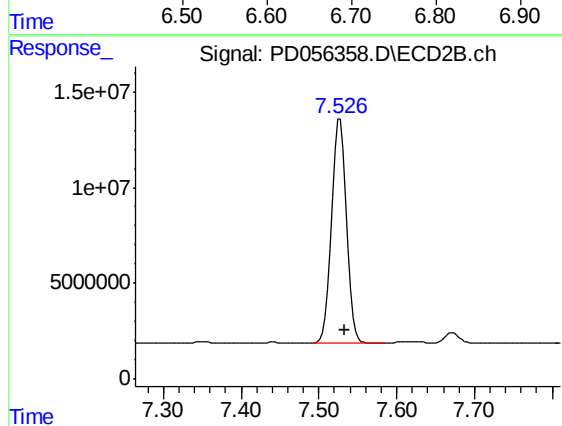
#18 Endrin aldehyde

R.T.: 6.981 min
Delta R.T.: -0.006 min
Response: 1624450
Conc: 1.34 ng/ml



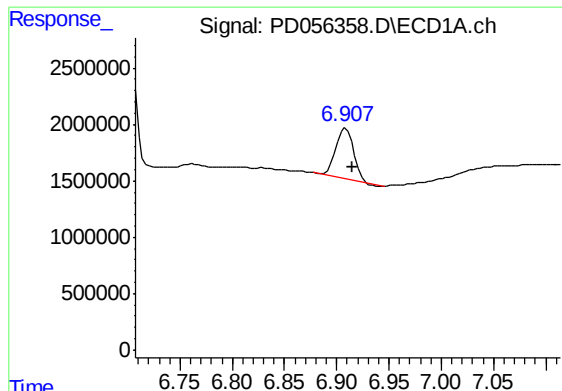
#20 Methoxychlor

R.T.: 6.691 min
Delta R.T.: -0.005 min
Response: 94130015
Conc: 277.73 ng/ml



#20 Methoxychlor

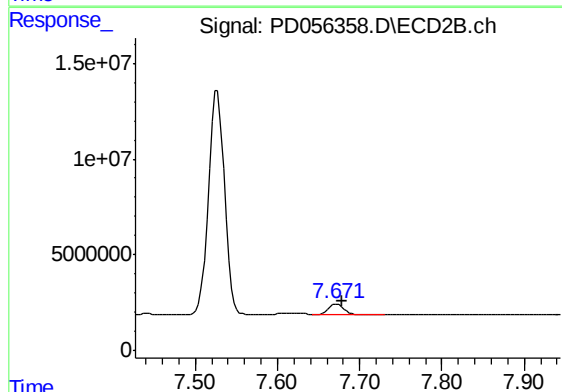
R.T.: 7.527 min
Delta R.T.: -0.005 min
Response: 157505554
Conc: 259.98 ng/ml



#21 Endrin ketone

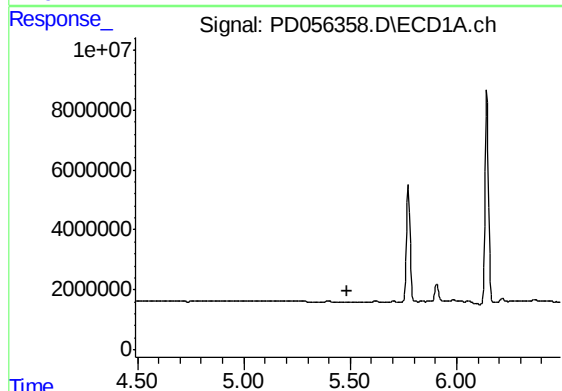
R.T.: 6.909 min
Delta R.T.: -0.007 min
Response: 5103202
Conc: 5.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM44



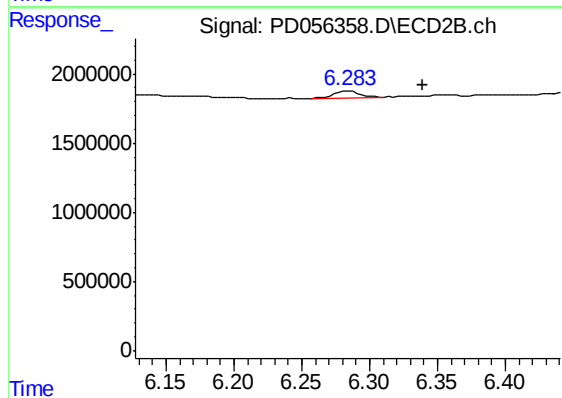
#21 Endrin ketone

R.T.: 7.673 min
Delta R.T.: -0.006 min
Response: 6885964
Conc: 4.68 ng/ml



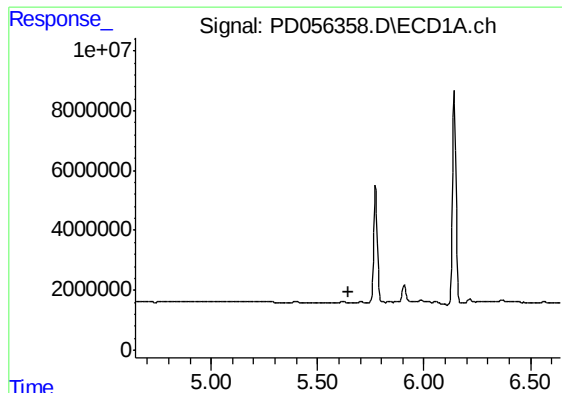
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.489 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

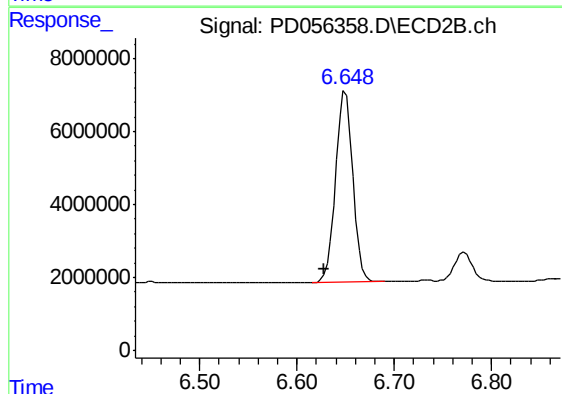
R.T.: 6.285 min
Delta R.T.: -0.054 min
Response: 608143
Conc: 54.17 ng/ml



#23 Toxaphene-2

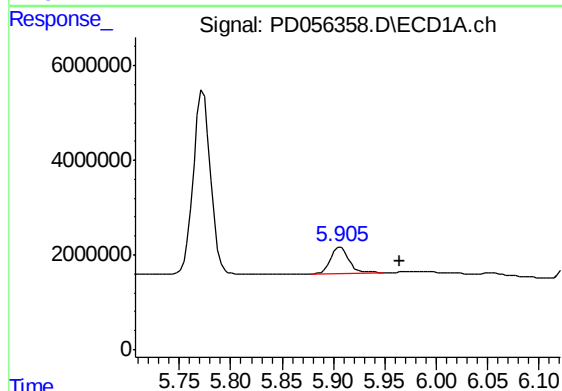
R.T.: 0.000 min
Exp R.T.: 5.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM44



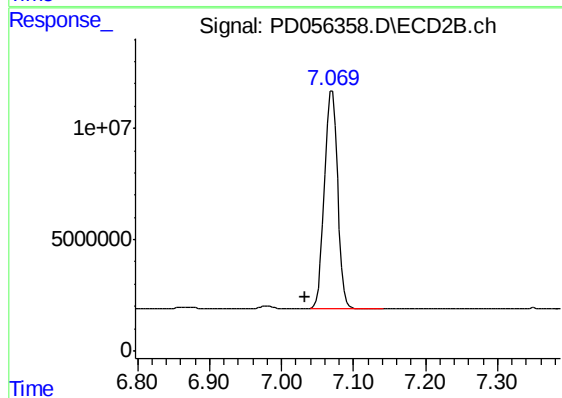
#23 Toxaphene-2

R.T.: 6.650 min
Delta R.T.: 0.021 min
Response: 65475663
Conc: 4744.49 ng/ml



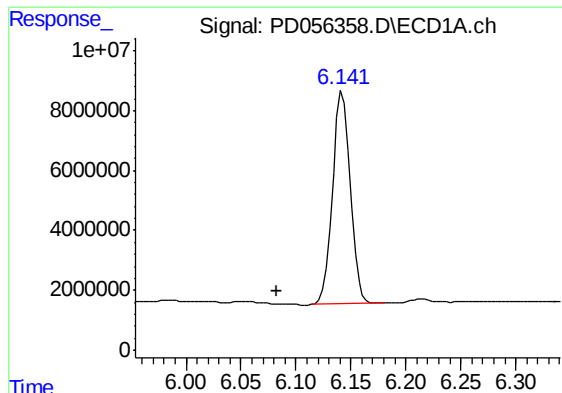
#24 Toxaphene-3

R.T.: 5.907 min
Delta R.T.: -0.058 min
Response: 6598881
Conc: 797.44 ng/ml



#24 Toxaphene-3

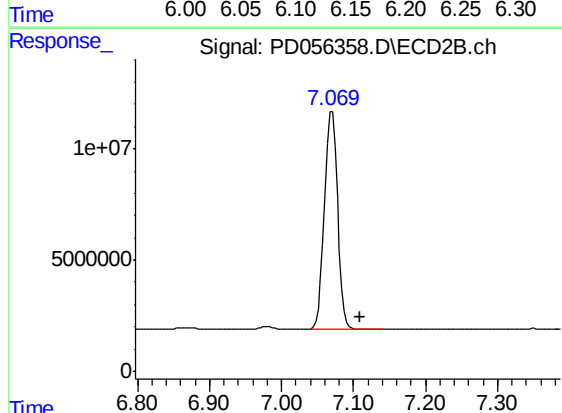
R.T.: 7.070 min
Delta R.T.: 0.037 min
Response: 123594043
Conc: 6282.94 ng/ml



#25 Toxaphene-4

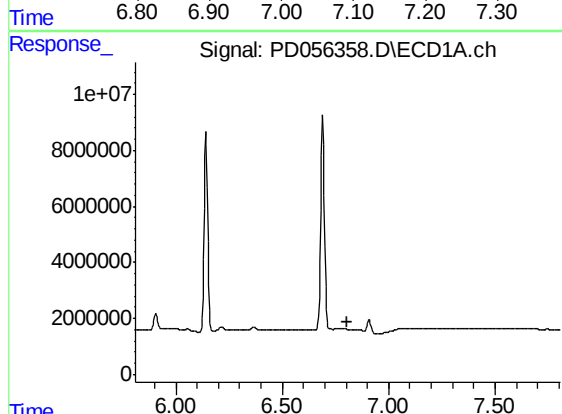
R.T.: 6.143 min
Delta R.T.: 0.060 min
Response: 80259017
Conc: 3239.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM44



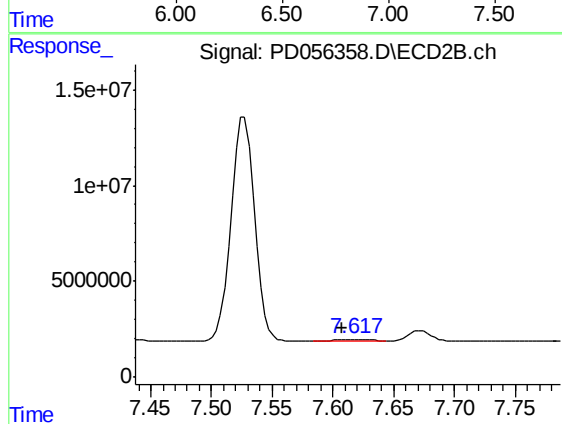
#25 Toxaphene-4

R.T.: 7.070 min
Delta R.T.: -0.039 min
Response: 123594043
Conc: 2238.40 ng/ml



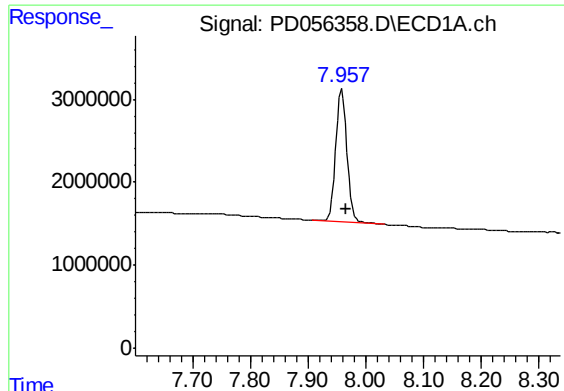
#26 Toxaphene-5

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



#26 Toxaphene-5

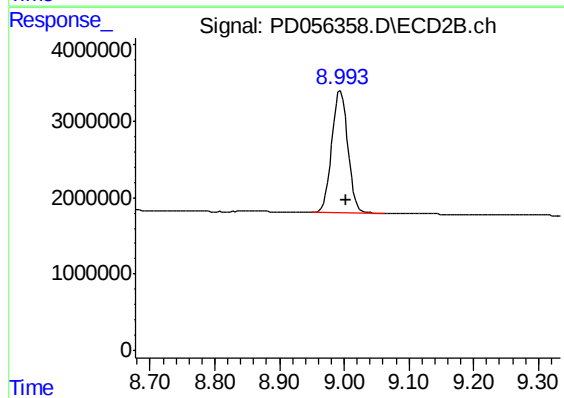
R.T.: 7.620 min
Delta R.T.: 0.012 min
Response: 1326000
Conc: 51.88 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.959 min
Delta R.T.: -0.007 min
Response: 21601721
Conc: 23.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM44



#27 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: -0.008 min
Response: 27313237
Conc: 22.70 ng/ml