

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090820\
 Data File : PD059114.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2020 10:58
 Operator : DD\AJ
 Sample : PEM01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 01:37:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090420CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 05 02:06:36 2020
 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...	3.209	3.865	20234238	34533460	20.073	21.073
27)	SA Decachlor...	7.841	8.859	19555069	27897003	19.953	20.742
Target Compounds							
2)	A alpha-BHC	3.631	4.247	15228309	26763361	9.706	11.025
3)	MA gamma-BHC...	3.902	4.528	14955514	22654255	9.442	10.278
4)	MA Heptachlor	4.151f	0.000	5983762	0	5.328	N.D. #
6)	B beta-BHC	4.151	4.700	5983762	9912503	9.756	10.405
8)	B Heptachlo...	0.000	5.709	0	2631441	N.D.	1.311
10)	B trans-Chl...	0.000	5.904f	0	1623712	N.D.	0.872
14)	MA Endrin	5.663	6.535	39295257	82692435	42.397	51.297
16)	A 4,4'-DDD	0.000	6.663	0	913469	N.D.	0.640
17)	MA 4,4'-DDT	6.033	6.959	82279301	149.1E6	97.039	101.655
18)	B Endrin al...	6.033f	0.000	82279301	0	104.470	N.D. #
20)	A Methoxychlor	6.580	7.420	70257549	172.6E6	197.194	223.647
21)	B Endrin ke...	0.000	7.556	0	2164143	N.D.	1.293
23)	Toxaphene-2	0.000	6.535	0	82692435	N.D.	7226.082
24)	Toxaphene-3	6.033	6.959	82279301	149.1E6	4672.633	11156.718 #
25)	Toxaphene-4	0.000	6.959	0	149.1E6	N.D.	3582.270
26)	Toxaphene-5	0.000	7.507	0	1228192	N.D.	63.687

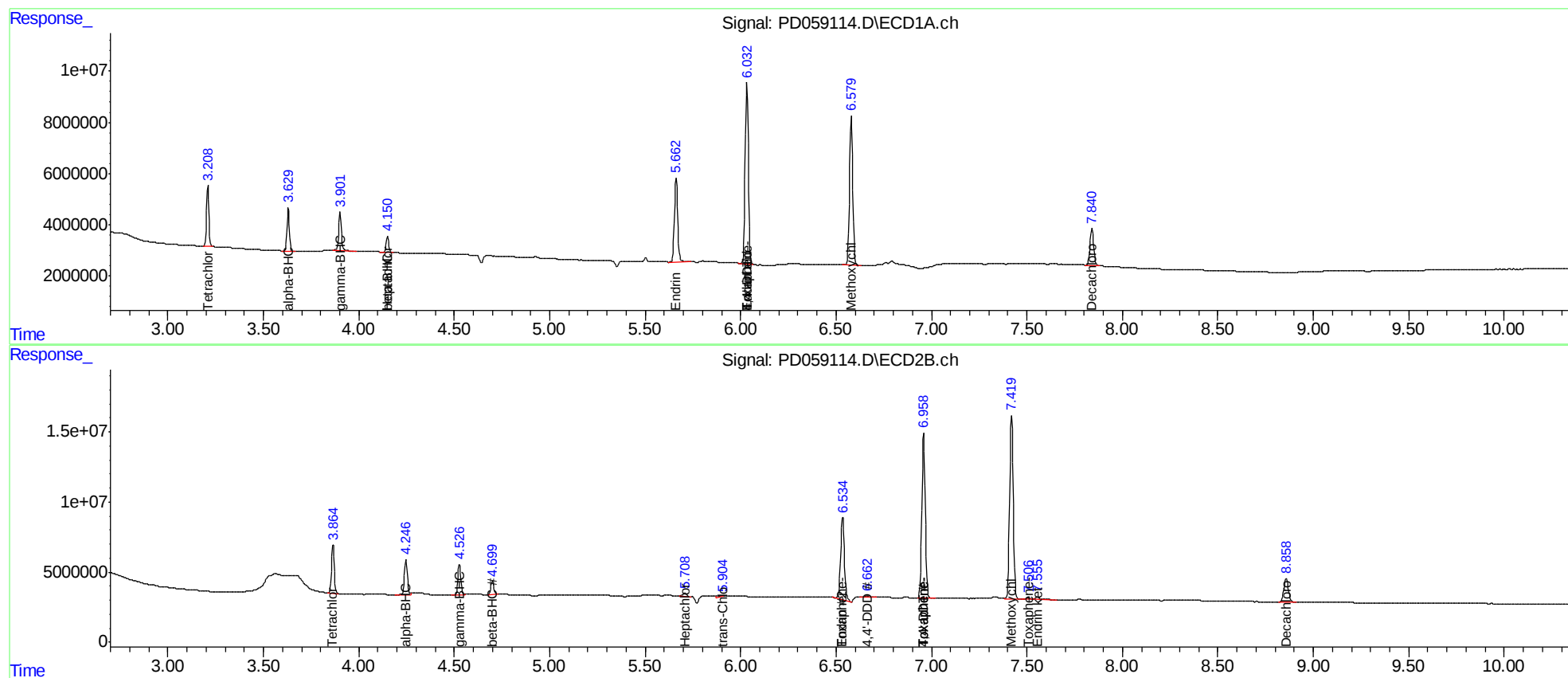
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

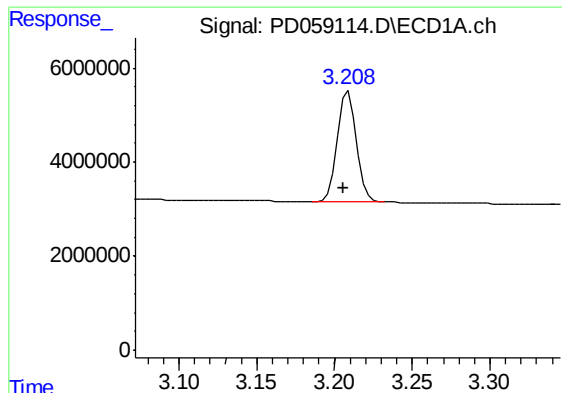
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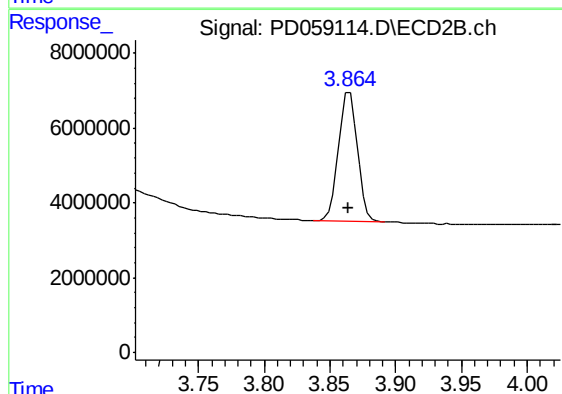




#1 Tetrachloro-m-xylene

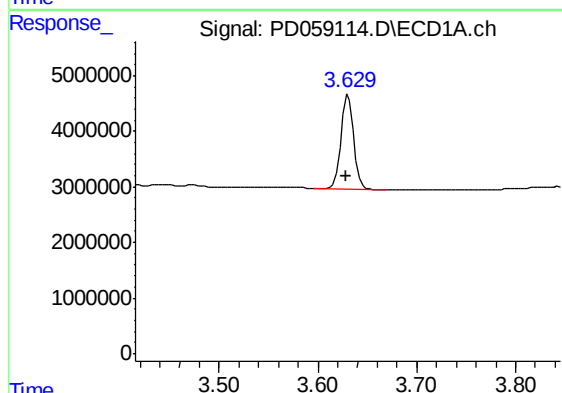
R.T.: 3.209 min
Delta R.T.: 0.003 min
Response: 20234238
Conc: 20.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



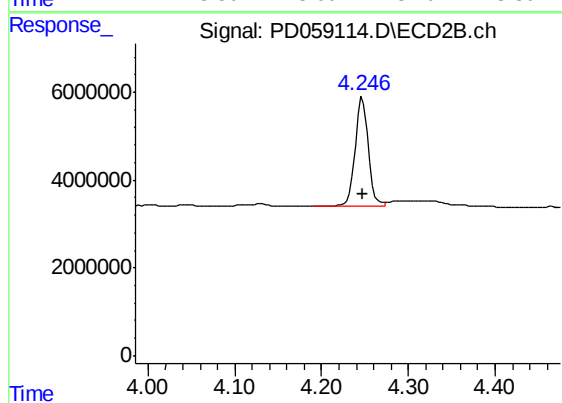
#1 Tetrachloro-m-xylene

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 34533460
Conc: 21.07 ng/ml



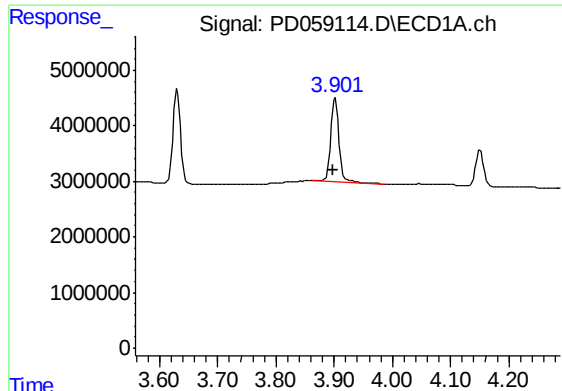
#2 alpha-BHC

R.T.: 3.631 min
Delta R.T.: 0.003 min
Response: 15228309
Conc: 9.71 ng/ml



#2 alpha-BHC

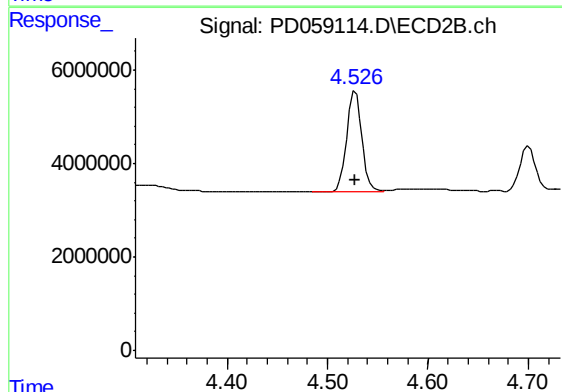
R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 26763361
Conc: 11.02 ng/ml



#3 gamma-BHC (Lindane)

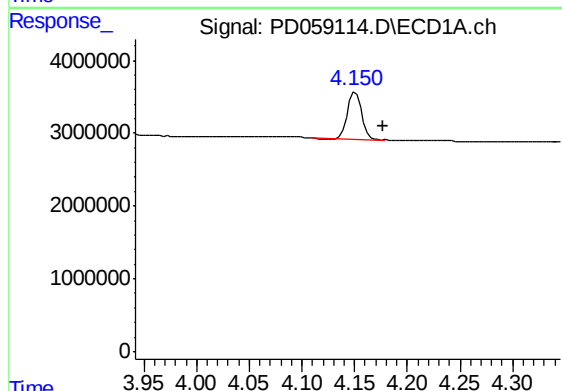
R.T.: 3.902 min
Delta R.T.: 0.003 min
Response: 14955514
Conc: 9.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



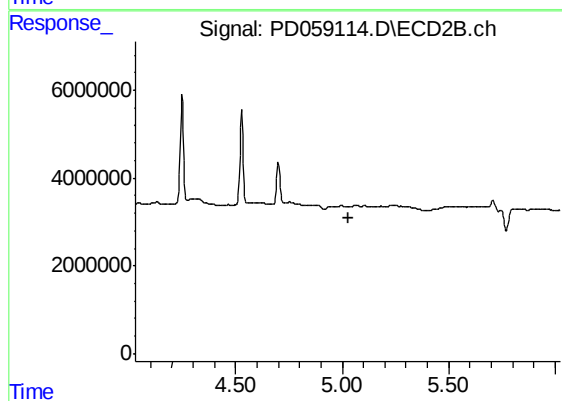
#3 gamma-BHC (Lindane)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 22654255
Conc: 10.28 ng/ml



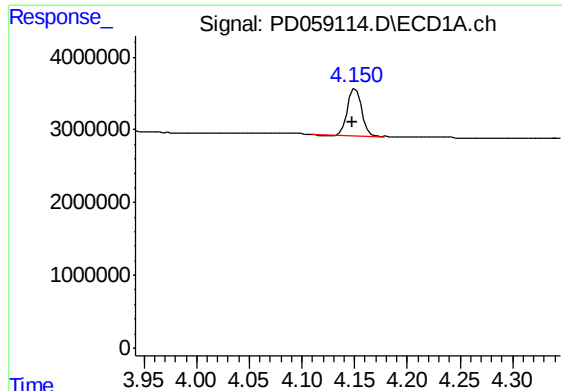
#4 Heptachlor

R.T.: 4.151 min
Delta R.T.: -0.027 min
Response: 5983762
Conc: 5.33 ng/ml



#4 Heptachlor

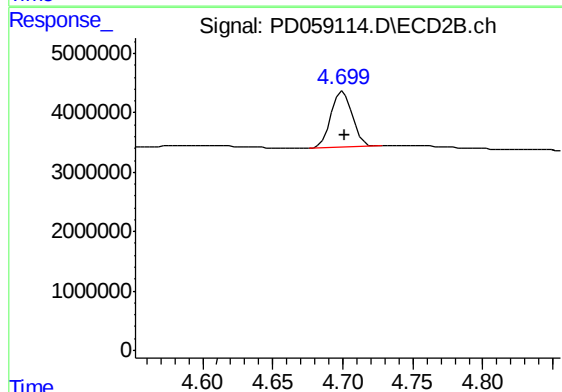
R.T.: 0.000 min
Exp R.T. : 5.027 min
Response: 0
Conc: N.D.



#6 beta-BHC

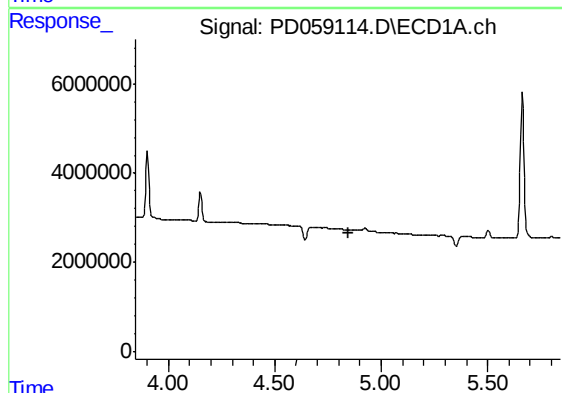
R.T.: 4.151 min
Delta R.T.: 0.003 min
Response: 5983762
Conc: 9.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



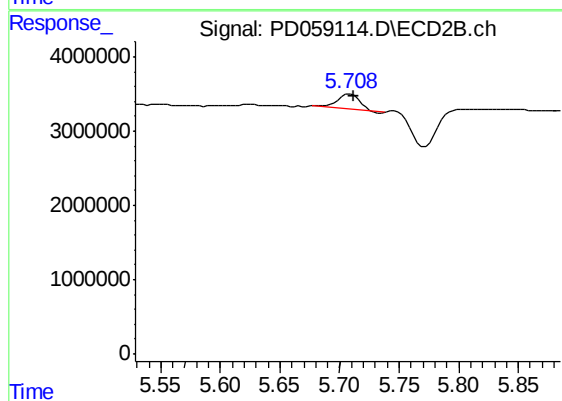
#6 beta-BHC

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 9912503
Conc: 10.41 ng/ml



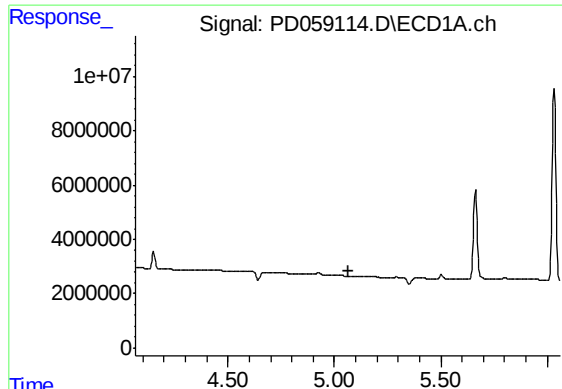
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.845 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

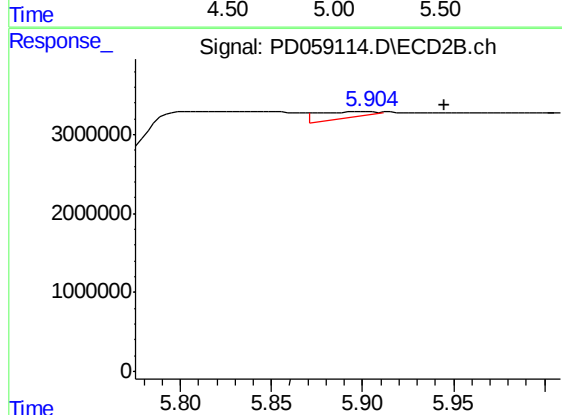
R.T.: 5.709 min
Delta R.T.: -0.003 min
Response: 2631441
Conc: 1.31 ng/ml



#10 trans-Chlordane

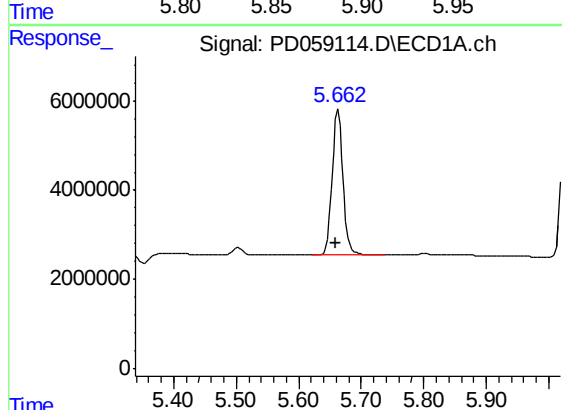
R.T.: 0.000 min
Exp R.T.: 5.064 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM01



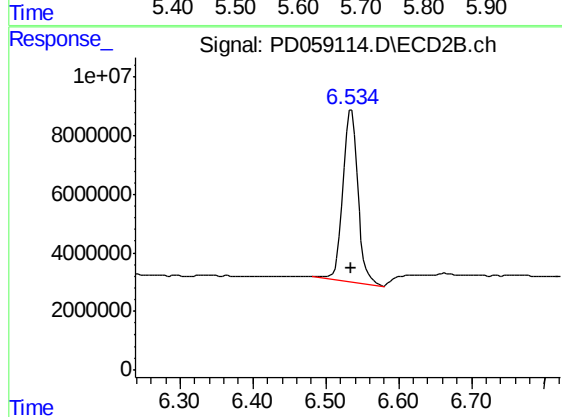
#10 trans-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.041 min
Response: 1623712
Conc: 0.87 ng/ml



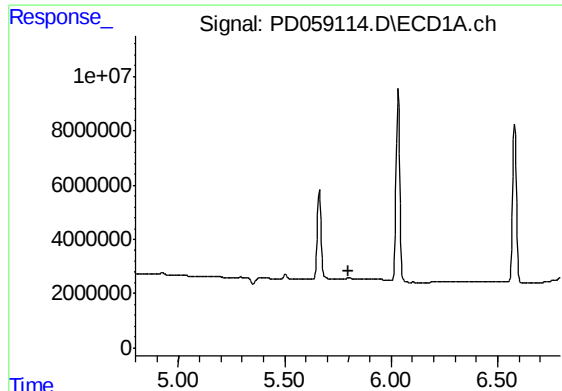
#14 Endrin

R.T.: 5.663 min
Delta R.T.: 0.003 min
Response: 39295257
Conc: 42.40 ng/ml



#14 Endrin

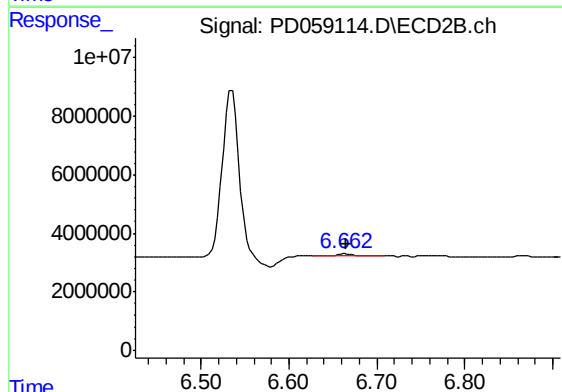
R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 82692435
Conc: 51.30 ng/ml



#16 4,4'-DDD

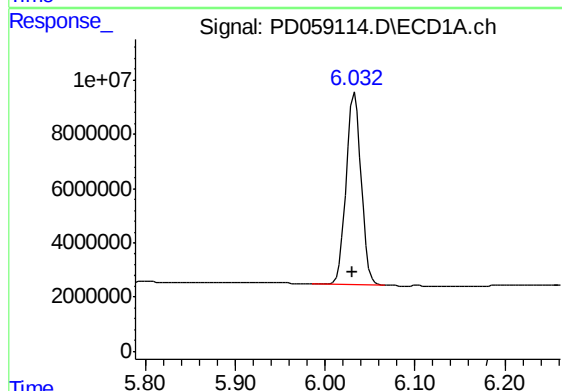
R.T.: 0.000 min
Exp R.T.: 5.797 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM01



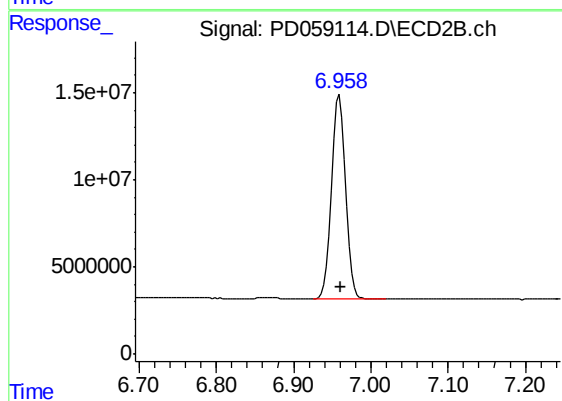
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: 0.000 min
Response: 913469
Conc: 0.64 ng/ml



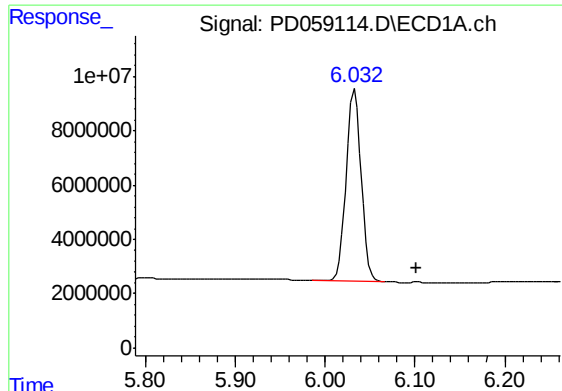
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.003 min
Response: 82279301
Conc: 97.04 ng/ml



#17 4,4'-DDT

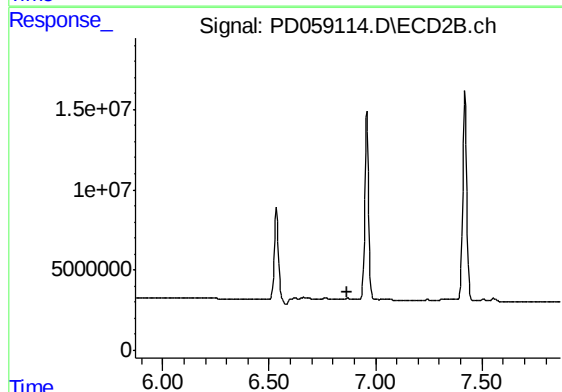
R.T.: 6.959 min
Delta R.T.: -0.002 min
Response: 149132064
Conc: 101.65 ng/ml



#18 Endrin aldehyde

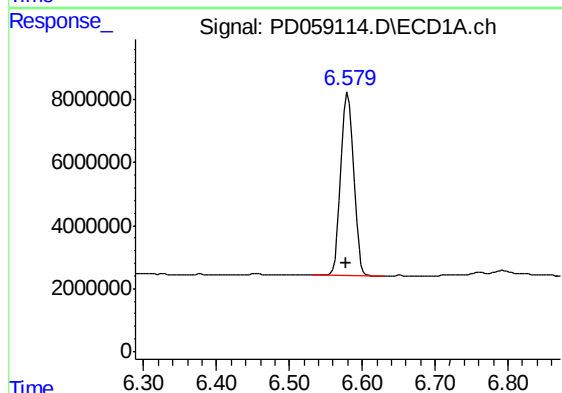
R.T.: 6.033 min
Delta R.T.: -0.068 min
Response: 82279301
Conc: 104.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



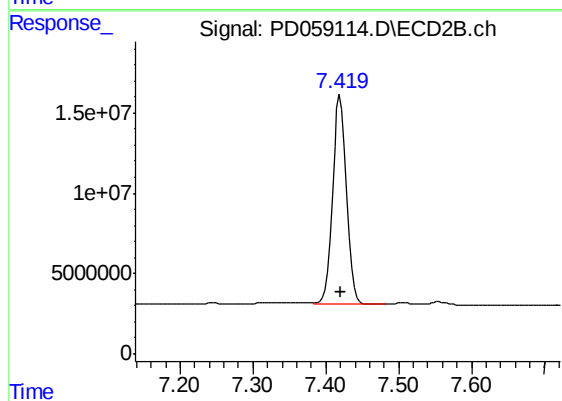
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.869 min
Response: 0
Conc: N.D.



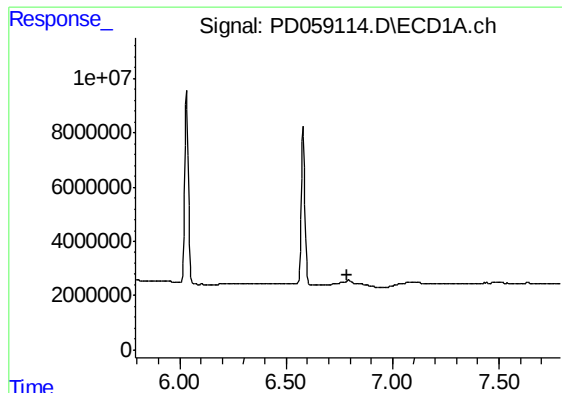
#20 Methoxychlor

R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 70257549
Conc: 197.19 ng/ml



#20 Methoxychlor

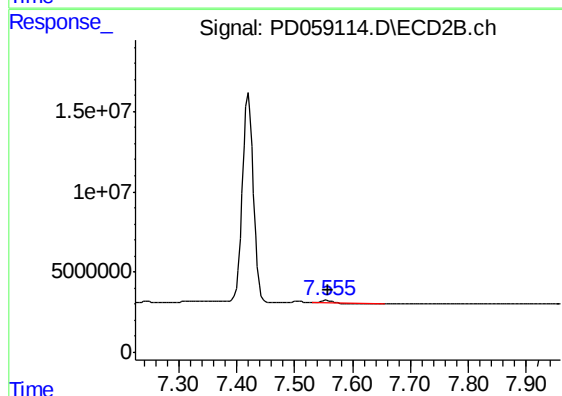
R.T.: 7.420 min
Delta R.T.: -0.001 min
Response: 172551873
Conc: 223.65 ng/ml



#21 Endrin ketone

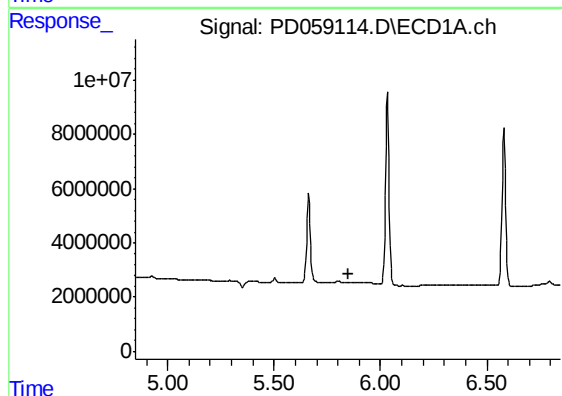
R.T.: 0.000 min
Exp R.T.: 6.790 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM01



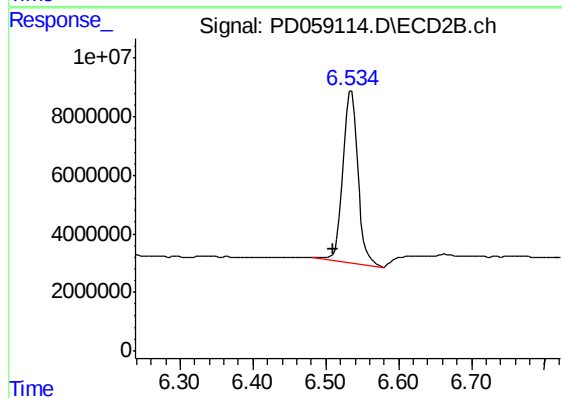
#21 Endrin ketone

R.T.: 7.556 min
Delta R.T.: -0.002 min
Response: 2164143
Conc: 1.29 ng/ml



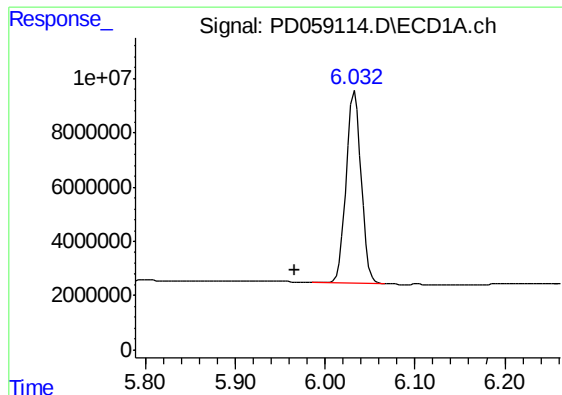
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T.: 5.849 min
Response: 0
Conc: N.D.



#23 Toxaphene-2

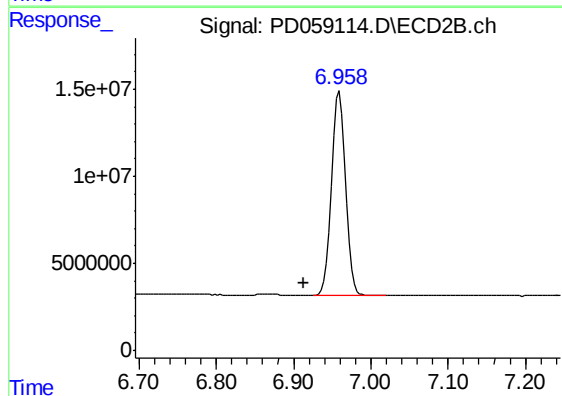
R.T.: 6.535 min
Delta R.T.: 0.025 min
Response: 82692435
Conc: 7226.08 ng/ml



#24 Toxaphene-3

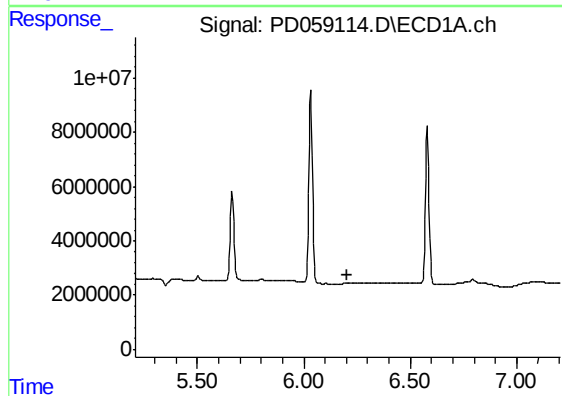
R.T.: 6.033 min
Delta R.T.: 0.068 min
Response: 82279301
Conc: 4672.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



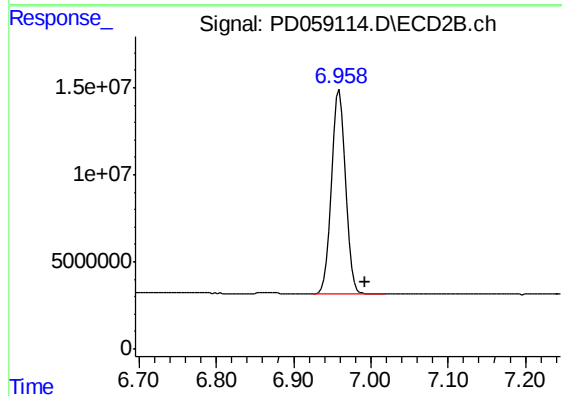
#24 Toxaphene-3

R.T.: 6.959 min
Delta R.T.: 0.046 min
Response: 149132064
Conc: 11156.72 ng/ml



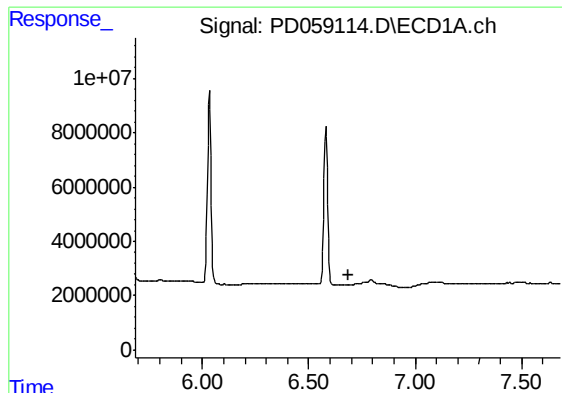
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 6.206 min
Response: 0
Conc: N.D.



#25 Toxaphene-4

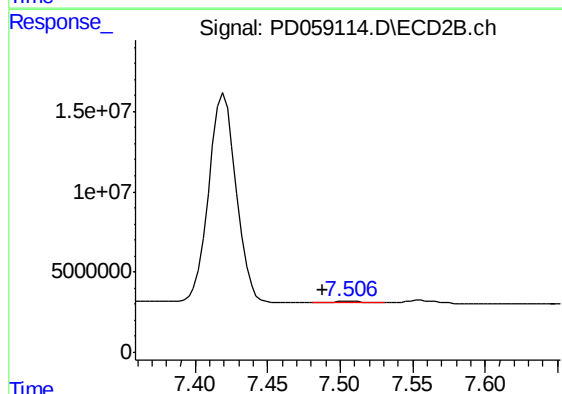
R.T.: 6.959 min
Delta R.T.: -0.033 min
Response: 149132064
Conc: 3582.27 ng/ml



#26 Toxaphene-5

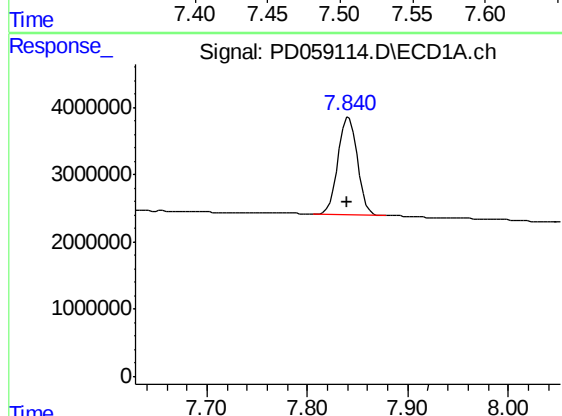
R.T.: 0.000 min
Exp R.T.: 6.685 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM01



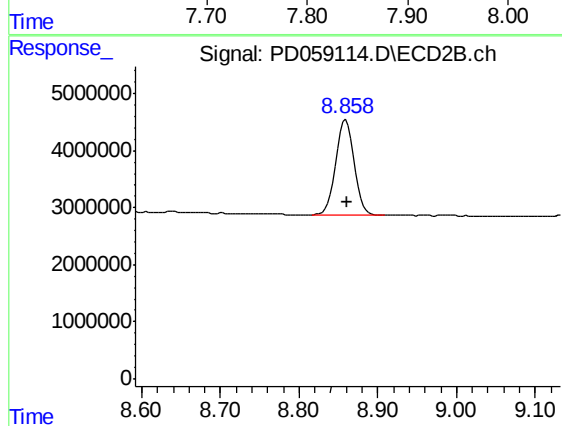
#26 Toxaphene-5

R.T.: 7.507 min
Delta R.T.: 0.019 min
Response: 1228192
Conc: 63.69 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.841 min
Delta R.T.: 0.002 min
Response: 19555069
Conc: 19.95 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: -0.001 min
Response: 27897003
Conc: 20.74 ng/ml