

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040220\
 Data File : PD057685.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Apr 2020 10:57
 Operator : AJ\MA
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 02:51:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032720.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 27 14:08:11 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.227	3.896	15586789	19398434	21.831	24.726
28)	SA Decachlor...	7.869	8.900	17241270	20036335	22.645	22.781
Target Compounds							
2)	A alpha-BHC	3.650	4.279	10957749	13524735	9.986	11.349
3)	MA gamma-BHC...	3.921	4.560	12596348	12941495	11.699	11.209
5)	MB Aldrin	4.450	0.000	393797	0	0.401	N.D. #
6)	B beta-BHC	4.170	4.730	4878237	6254926	11.497	12.403
7)	B delta-BHC	4.365	0.000	250379	0	0.242	N.D. #
9)	A Endosulfan I	5.199	0.000	108417	0	0.131	N.D. #
11)	B alpha-Chl...	5.172f	0.000	612755	0	0.669	N.D. #
12)	B 4,4'-DDE	5.316	0.000	239192	0	0.272	N.D. #
14)	MA Endrin	5.687	6.570	37281337	49907893	51.297	54.585
15)	B Endosulfa...	5.975f	0.000	677161	0	0.876	N.D. #
16)	A 4,4'-DDD	5.823	6.697	1353786	1644765	2.373	1.865
17)	MA 4,4'-DDT	6.057	6.993	66372343	97619971	113.912	111.578
18)	B Endrin al...	6.129	0.000	514405	0	0.831	N.D. #
20)	A Methoxychlor	6.606	7.452	71073807	124.5E6	282.792	253.976
21)	B Endrin ke...	6.819	7.591	2699095	2210548	3.302	2.172 #
23)	Chlordane-1	4.032f	0.000	24257	0	0.975	N.D. #
26)	Chlordane-4	5.172f	0.000	612755	0	7.577	N.D. #
27)	Chlordane-5	5.975	0.000	677161	0	25.404	N.D. #

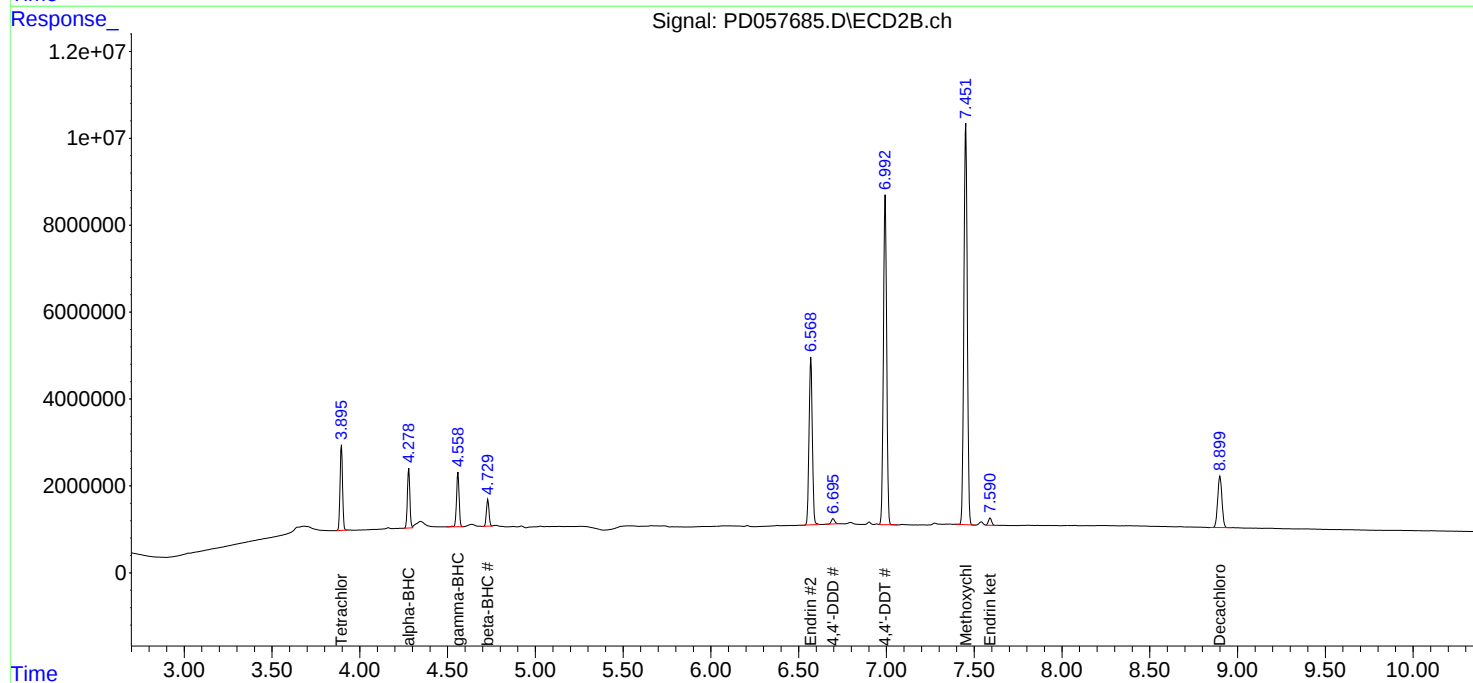
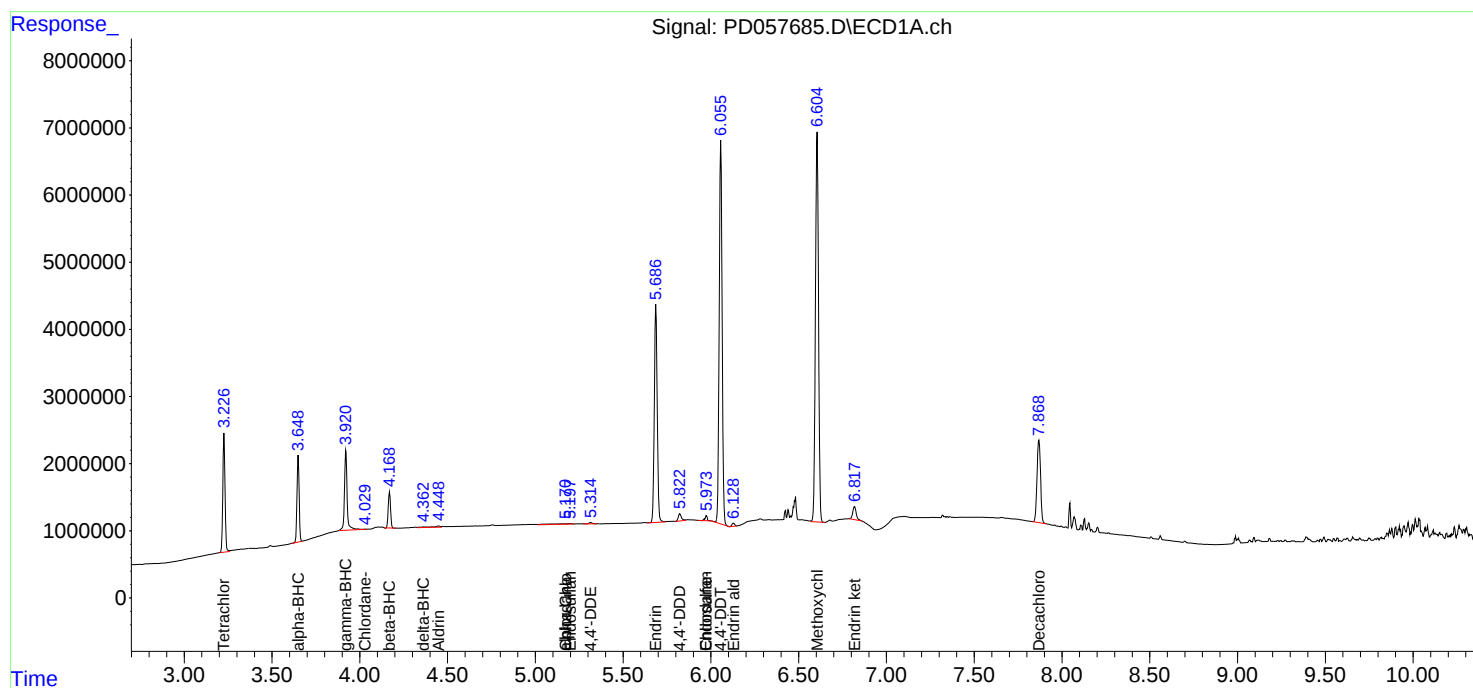
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

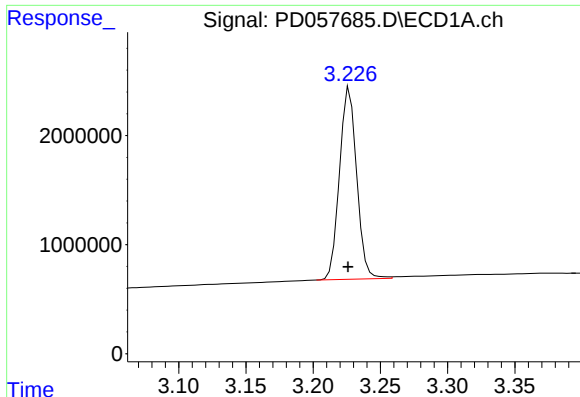
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
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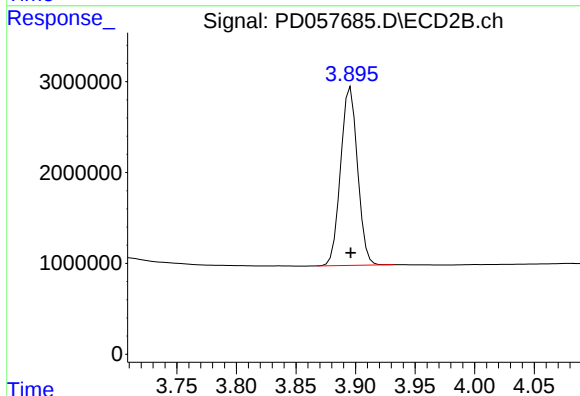




#1 Tetrachloro-m-xylene

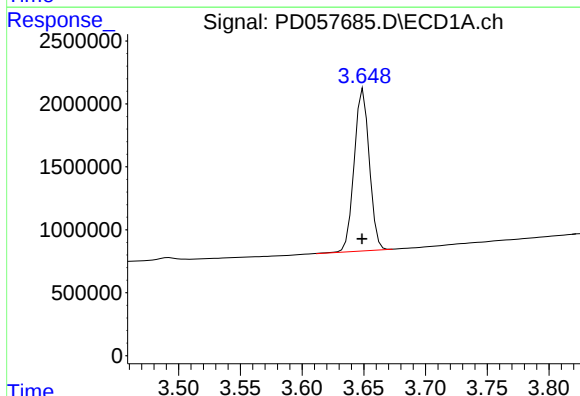
R.T.: 3.227 min
Delta R.T.: 0.001 min
Response: 15586789
Conc: 21.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



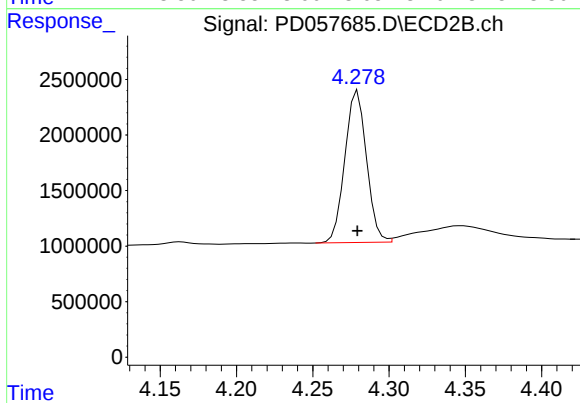
#1 Tetrachloro-m-xylene

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 19398434
Conc: 24.73 ng/ml



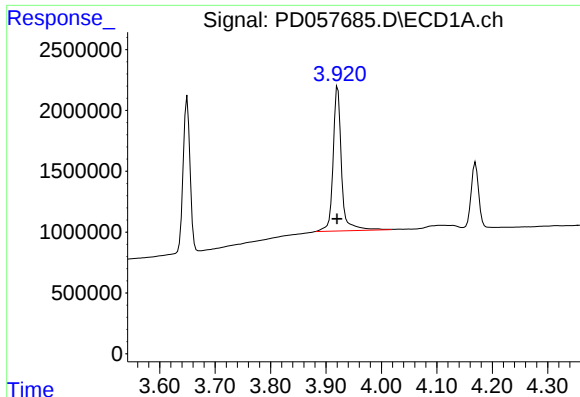
#2 alpha-BHC

R.T.: 3.650 min
Delta R.T.: 0.001 min
Response: 10957749
Conc: 9.99 ng/ml



#2 alpha-BHC

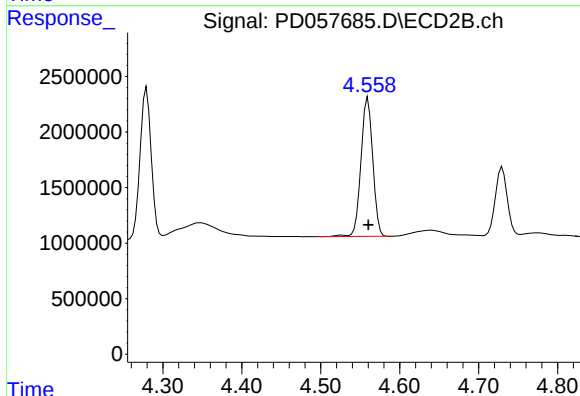
R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 13524735
Conc: 11.35 ng/ml



#3 gamma-BHC (Lindane)

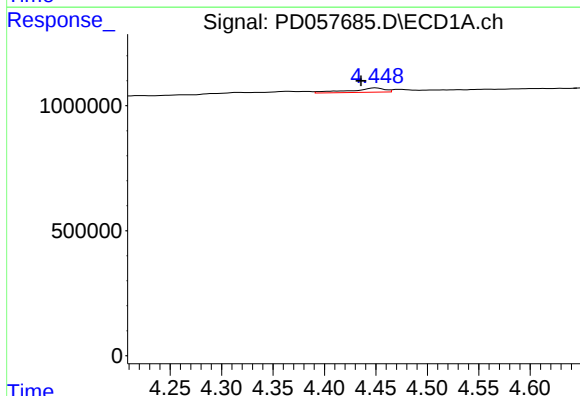
R.T.: 3.921 min
Delta R.T.: 0.001 min
Response: 12596348
Conc: 11.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



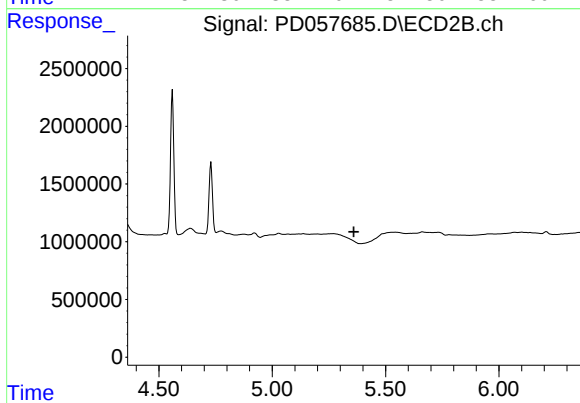
#3 gamma-BHC (Lindane)

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 12941495
Conc: 11.21 ng/ml



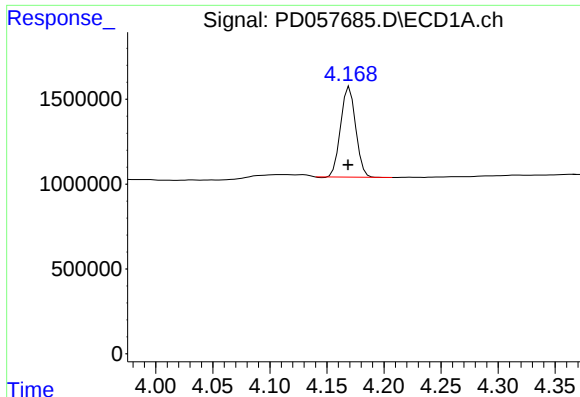
#5 Aldrin

R.T.: 4.450 min
Delta R.T.: 0.014 min
Response: 393797
Conc: 0.40 ng/ml



#5 Aldrin

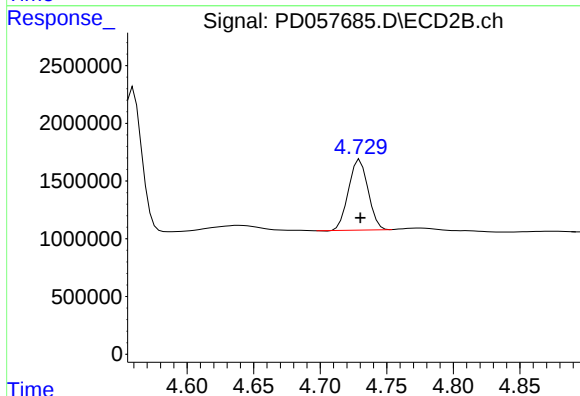
R.T.: 0.000 min
Exp R.T.: 5.360 min
Response: 0
Conc: N.D.



#6 beta-BHC

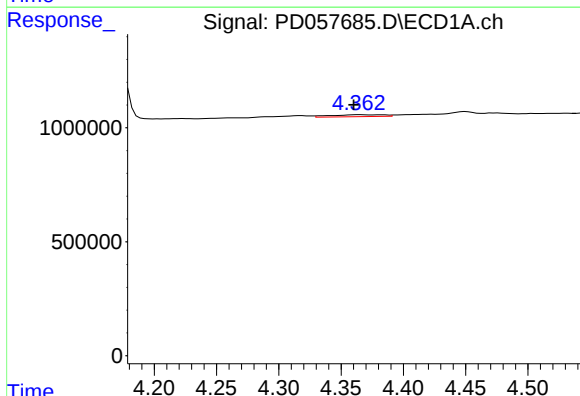
R.T.: 4.170 min
Delta R.T.: 0.001 min
Response: 4878237
Conc: 11.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



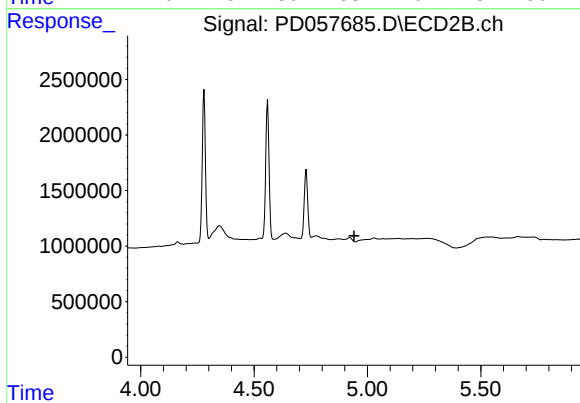
#6 beta-BHC

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 6254926
Conc: 12.40 ng/ml



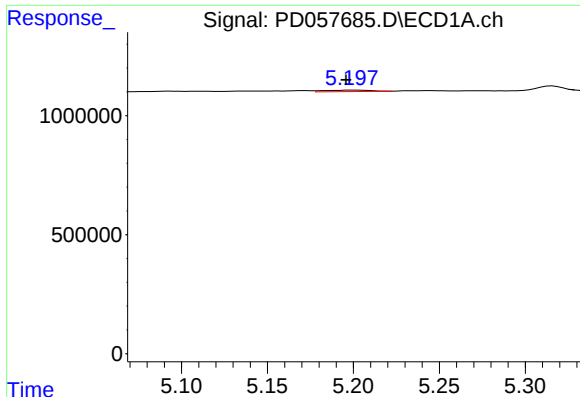
#7 delta-BHC

R.T.: 4.365 min
Delta R.T.: 0.004 min
Response: 250379
Conc: 0.24 ng/ml



#7 delta-BHC

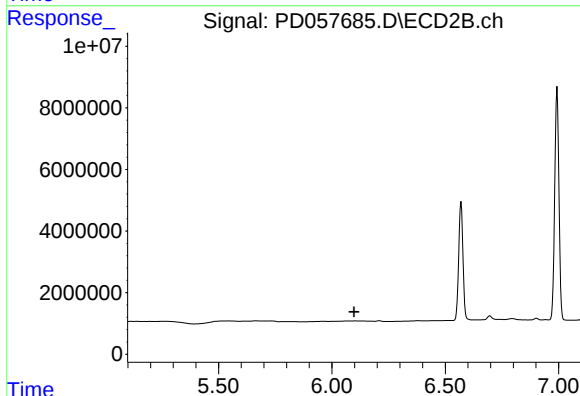
R.T.: 0.000 min
Exp R.T. : 4.941 min
Response: 0
Conc: N.D.



#9 Endosulfan I

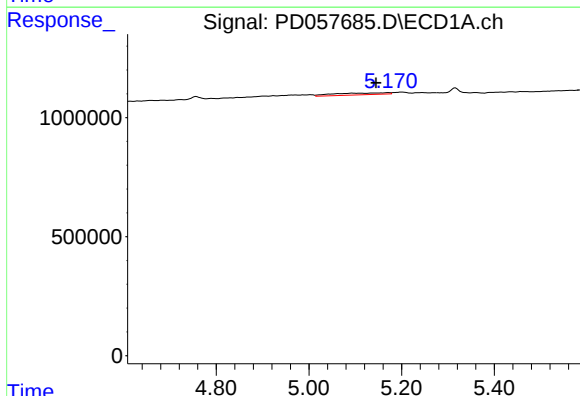
R.T.: 5.199 min
Delta R.T.: 0.004 min
Response: 108417
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



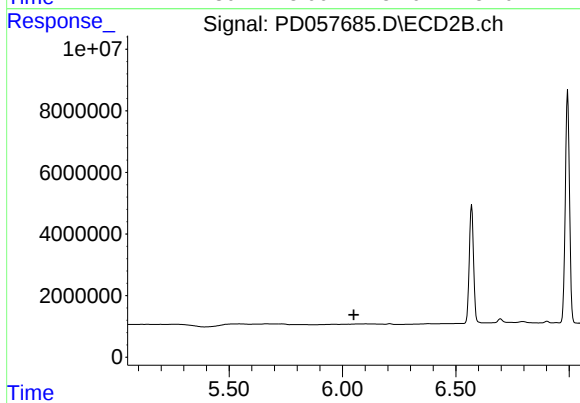
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.098 min
Response: 0
Conc: N.D.



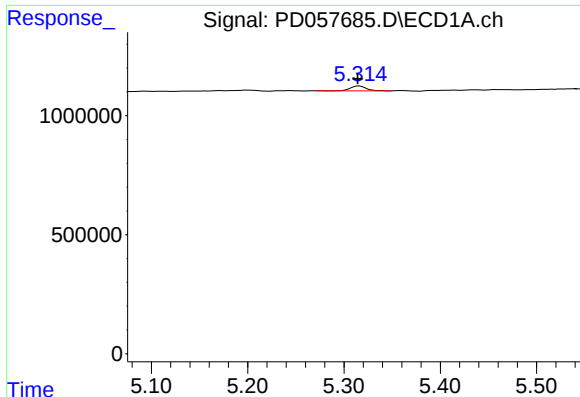
#11 alpha-Chlordane

R.T.: 5.172 min
Delta R.T.: 0.027 min
Response: 612755
Conc: 0.67 ng/ml



#11 alpha-Chlordane

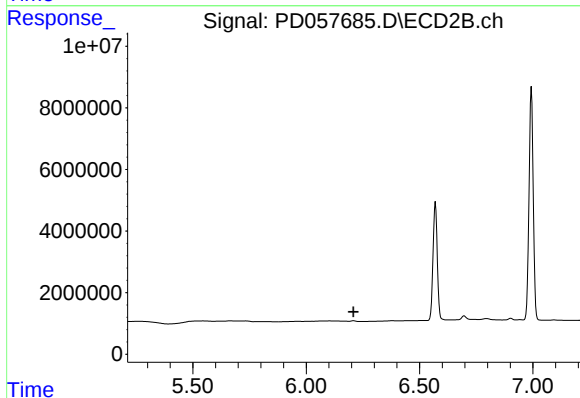
R.T.: 0.000 min
Exp R.T. : 6.050 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

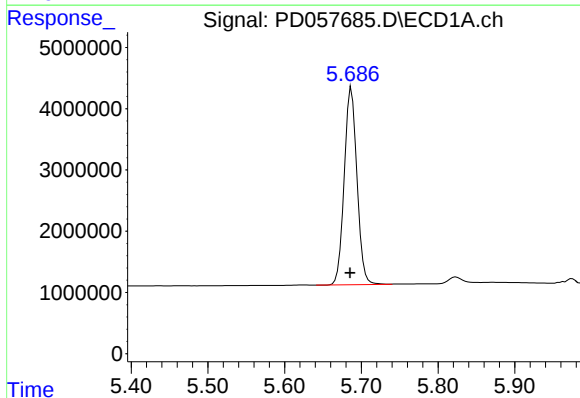
R.T.: 5.316 min
Delta R.T.: 0.001 min
Response: 239192
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



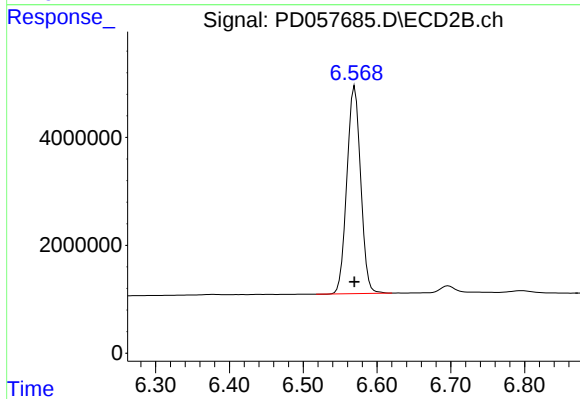
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.209 min
Response: 0
Conc: N.D.



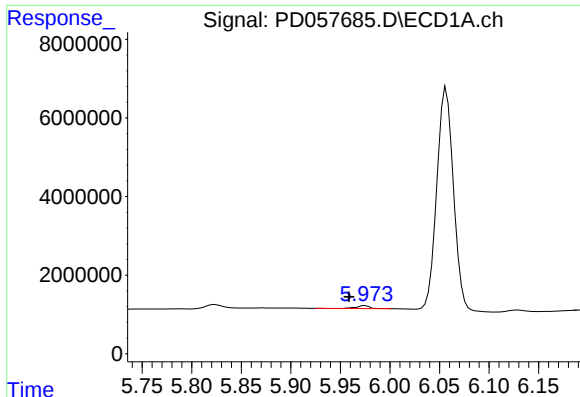
#14 Endrin

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 37281337
Conc: 51.30 ng/ml



#14 Endrin

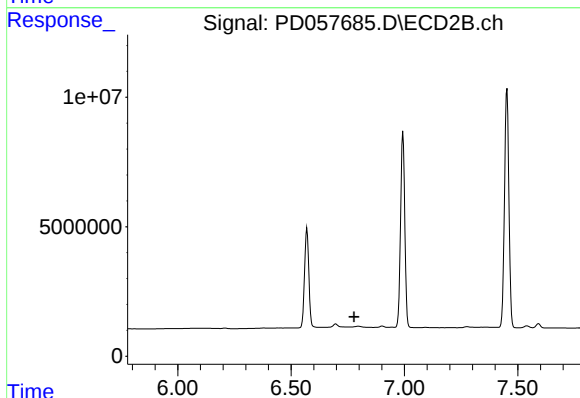
R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 49907893
Conc: 54.58 ng/ml



#15 Endosulfan II

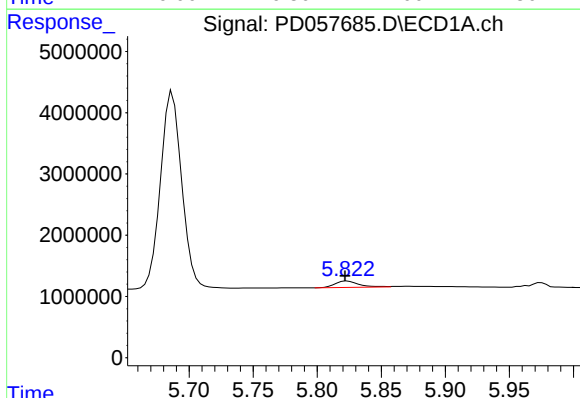
R.T.: 5.975 min
Delta R.T.: 0.016 min
Response: 677161
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



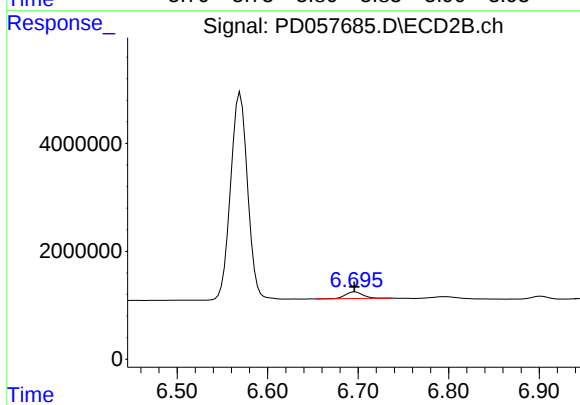
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.778 min
Response: 0
Conc: N.D.



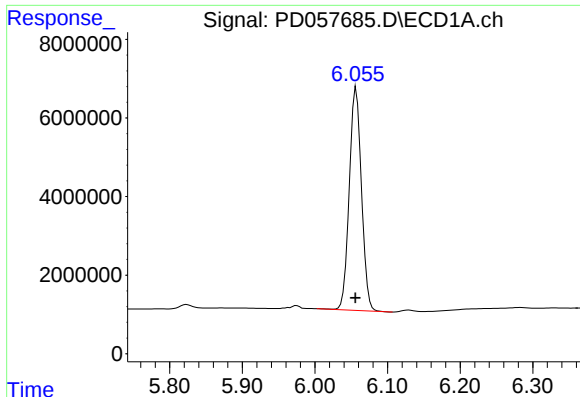
#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.002 min
Response: 1353786
Conc: 2.37 ng/ml



#16 4,4'-DDD

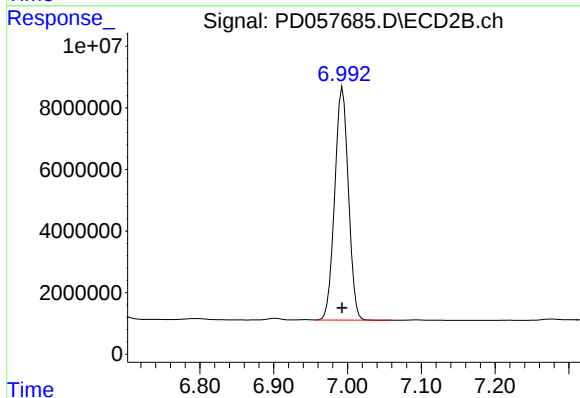
R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 1644765
Conc: 1.86 ng/ml



#17 4,4'-DDT

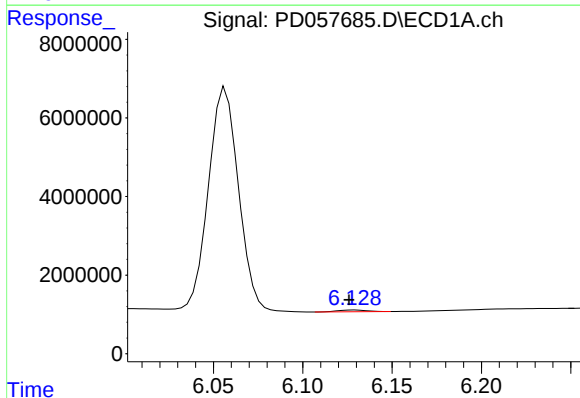
R.T.: 6.057 min
Delta R.T.: 0.001 min
Response: 66372343
Conc: 113.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



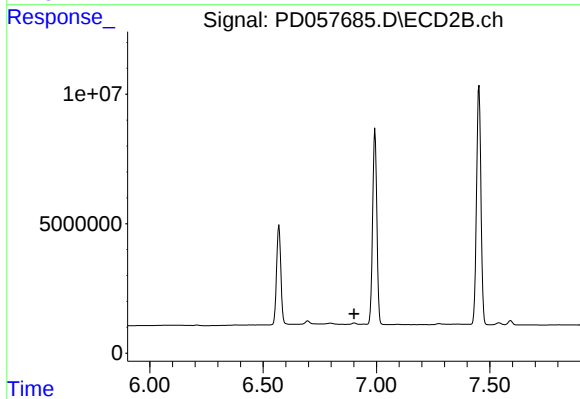
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 97619971
Conc: 111.58 ng/ml



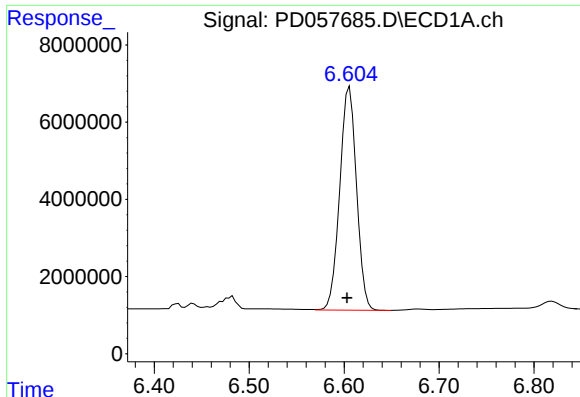
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: 0.003 min
Response: 514405
Conc: 0.83 ng/ml



#18 Endrin aldehyde

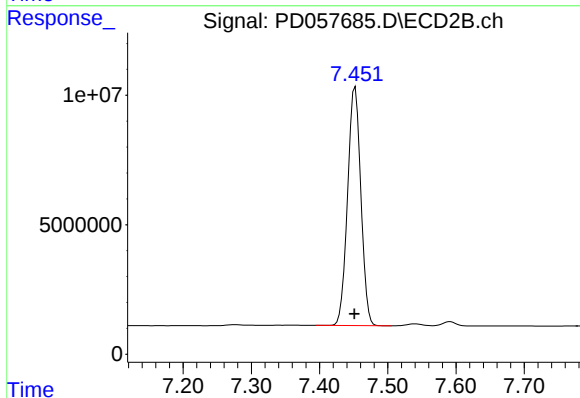
R.T.: 0.000 min
Exp R.T. : 6.902 min
Response: 0
Conc: N.D.



#20 Methoxychlor

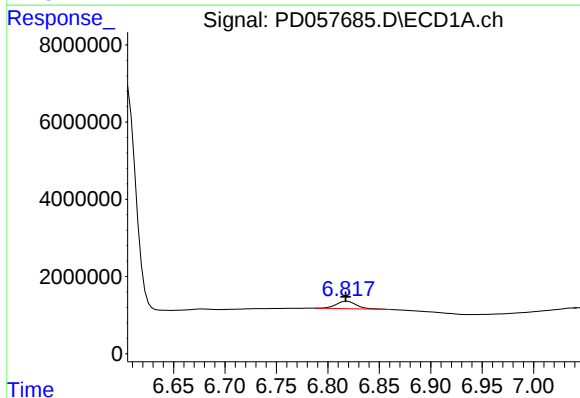
R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 71073807
Conc: 282.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



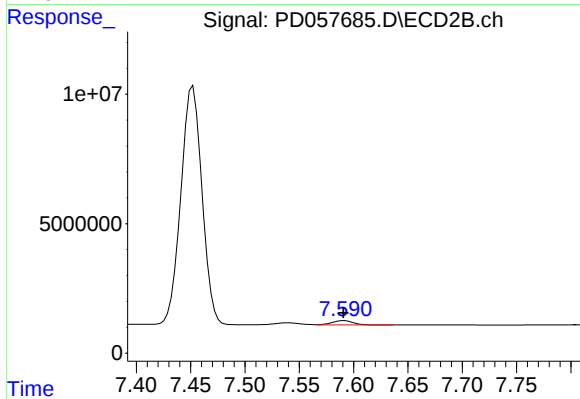
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 124497325
Conc: 253.98 ng/ml



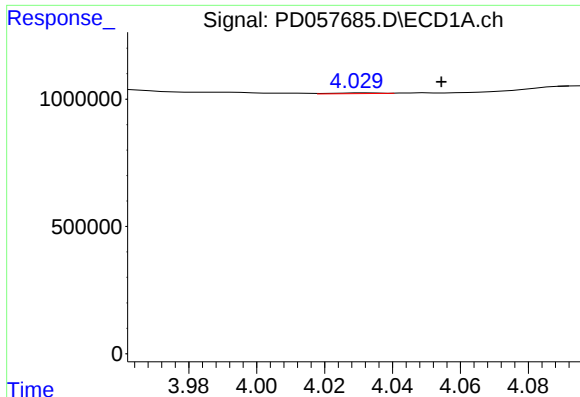
#21 Endrin ketone

R.T.: 6.819 min
Delta R.T.: 0.001 min
Response: 2699095
Conc: 3.30 ng/ml



#21 Endrin ketone

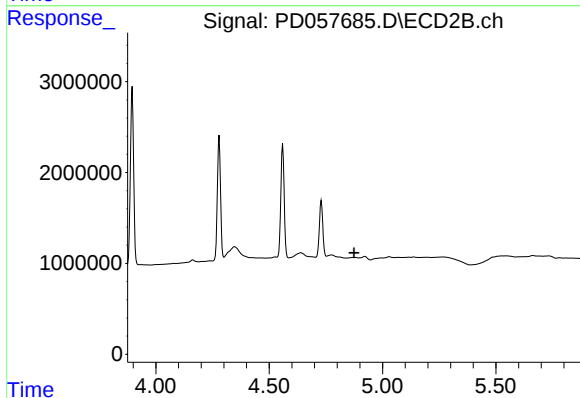
R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 2210548
Conc: 2.17 ng/ml



#23 Chlordane-1

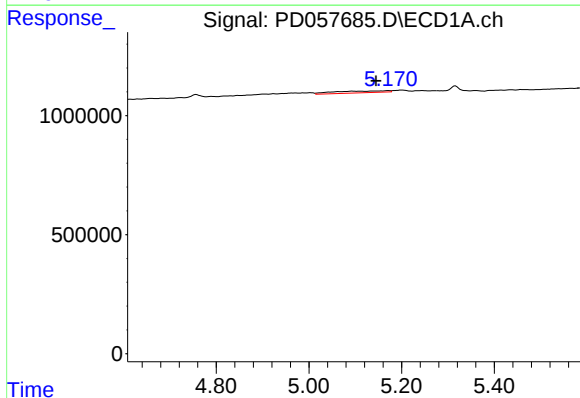
R.T.: 4.032 min
Delta R.T.: -0.022 min
Response: 24257
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



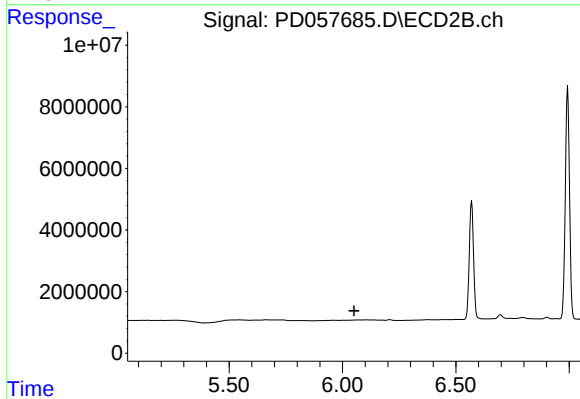
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.875 min
Response: 0
Conc: N.D.



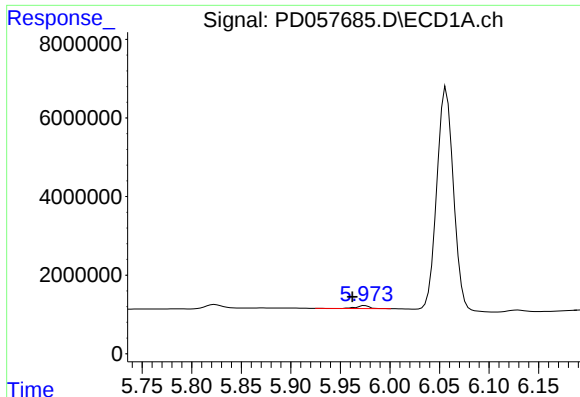
#26 Chlordane-4

R.T.: 5.172 min
Delta R.T.: 0.027 min
Response: 612755
Conc: 7.58 ng/ml



#26 Chlordane-4

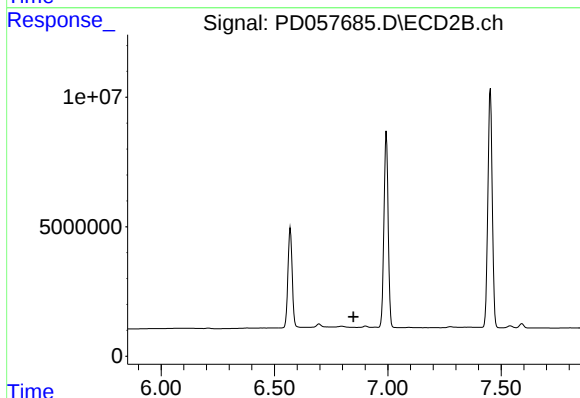
R.T.: 0.000 min
Exp R.T. : 6.052 min
Response: 0
Conc: N.D.



#27 Chlordane-5

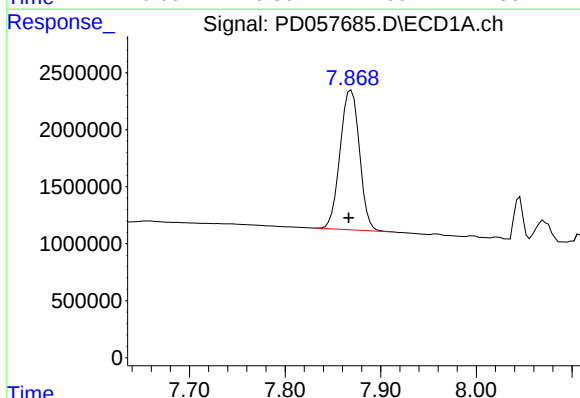
R.T.: 5.975 min
Delta R.T.: 0.013 min
Response: 677161
Conc: 25.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



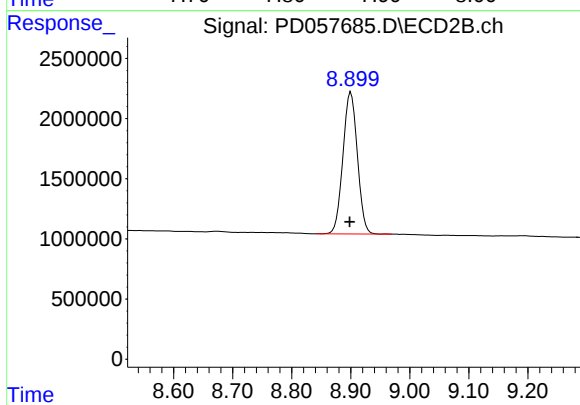
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.849 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: 0.003 min
Response: 17241270
Conc: 22.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.900 min
Delta R.T.: 0.002 min
Response: 20036335
Conc: 22.78 ng/ml