

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020819\
 Data File : PD051252.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Feb 2019 12:24
 Operator : AJ\SJ
 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: Feb 09 00:47:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD020819.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 09 00:01:26 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.225	4.045	27785417	612.8E6	20.092	21.059
28)	SA Decachlor...	7.827	9.159	24804365	397.6E6	21.604	22.512
Target Compounds							
2)	A alpha-BHC	3.645	4.437	19774245	462.4E6	9.396	11.237
3)	MA gamma-BHC...	3.914	4.724	21598180	438.0E6	10.131	11.536
4)	MA Heptachlor	0.000	5.243	0	543631	N.D.	0.015 #
6)	B beta-BHC	4.159	4.894	9438946	197.5E6	10.830	11.717
8)	B Heptachlo...	0.000	5.922	0	3572362	N.D.	0.117 #
10)	B gamma-Chl...	0.000	6.184f	0	3412213	N.D.	0.106 #
11)	B alpha-Chl...	0.000	6.254	0	4000404	N.D.	0.129 #
12)	B 4,4'-DDE	0.000	6.396	0	6530665	N.D.	0.217 #
14)	MA Endrin	5.656	6.769	102.0E6	1289.1E6	52.006	50.045
15)	B Endosulfa...	0.000	6.978	0	5371143	N.D.	0.212 #
16)	A 4,4'-DDD	5.799	6.894	644570	11322834	0.402	0.476
17)	MA 4,4'-DDT	6.028	7.189	189.0E6	2225.0E6	116.707	105.755
18)	B Endrin al...	0.000	7.102	0	8351617	N.D.	0.393 #
20)	A Methoxychlor	6.574	7.648	230.8E6	2563.3E6	259.657	230.017
21)	B Endrin ke...	6.775	7.800	2177932	21041533	1.135	0.922
25)	Chlordane-3	0.000	6.184f	0	3412213	N.D.	0.778 #
26)	Chlordane-4	0.000	6.254	0	4000404	N.D.	0.797 #

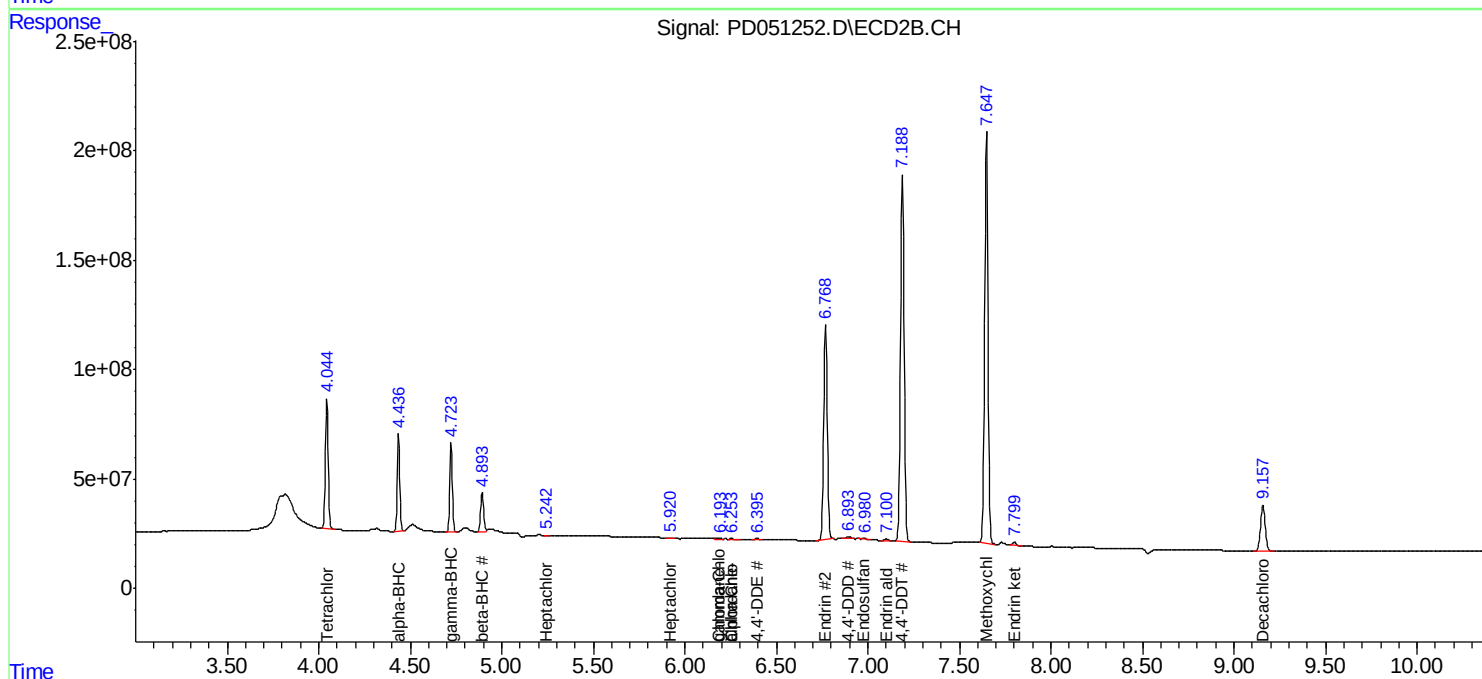
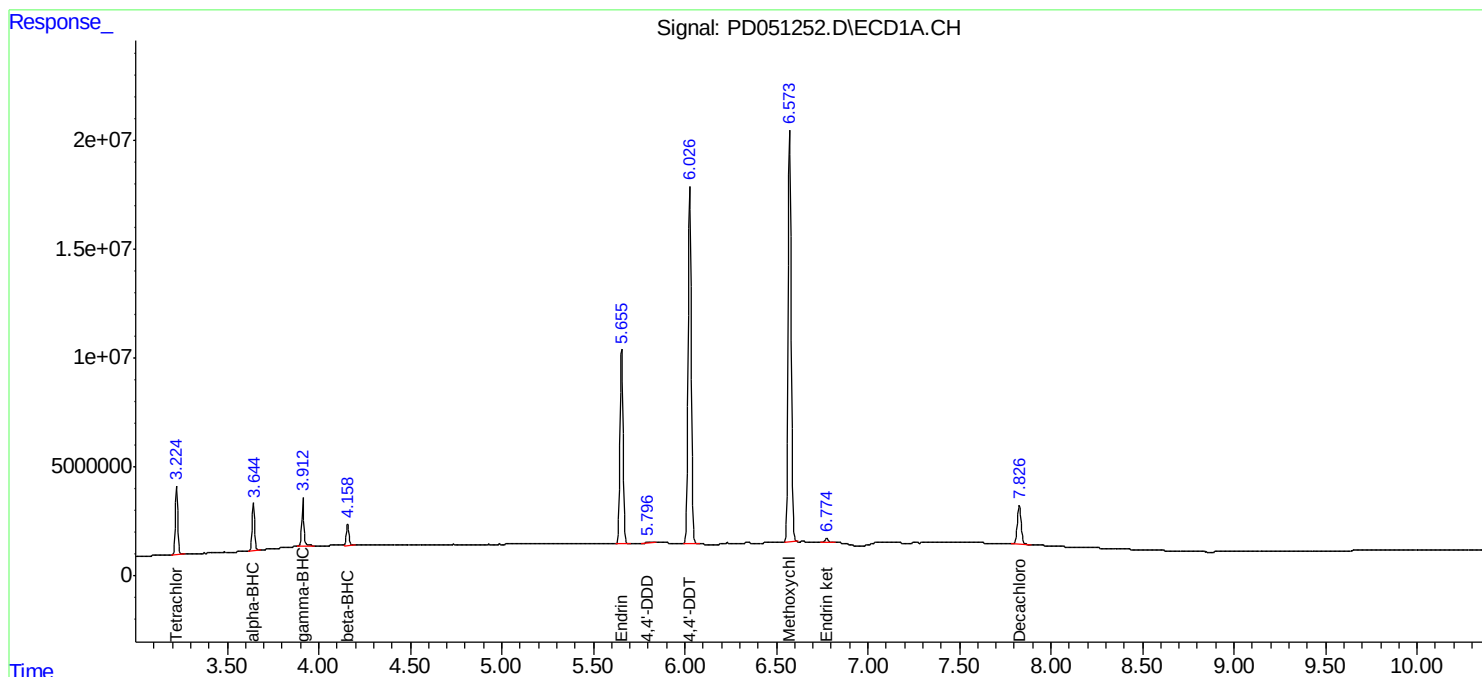
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

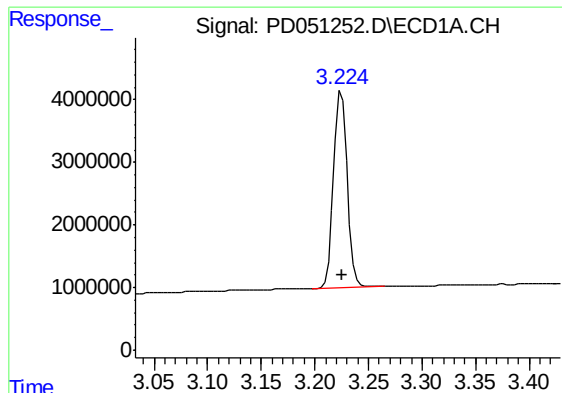
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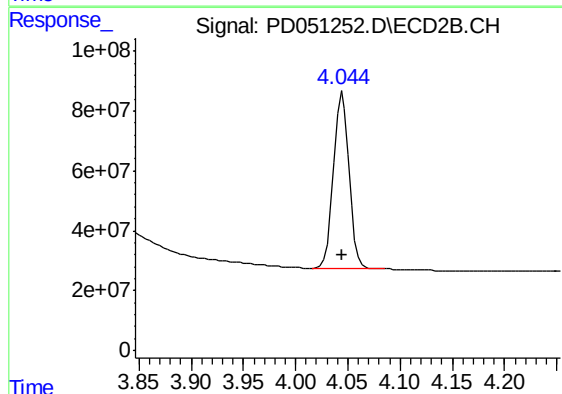




#1 Tetrachloro-m-xylene

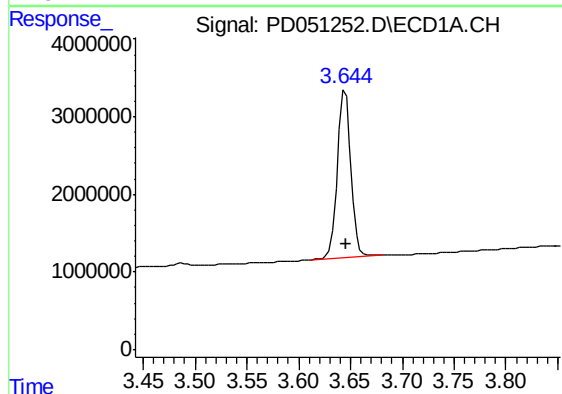
R.T.: 3.225 min
Delta R.T.: 0.000 min
Response: 27785417
Conc: 20.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



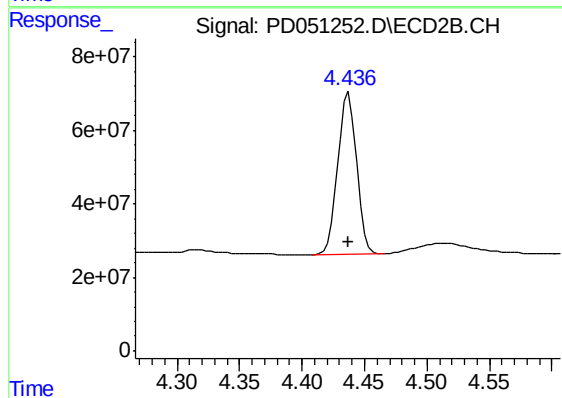
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 612840837
Conc: 21.06 ng/ml



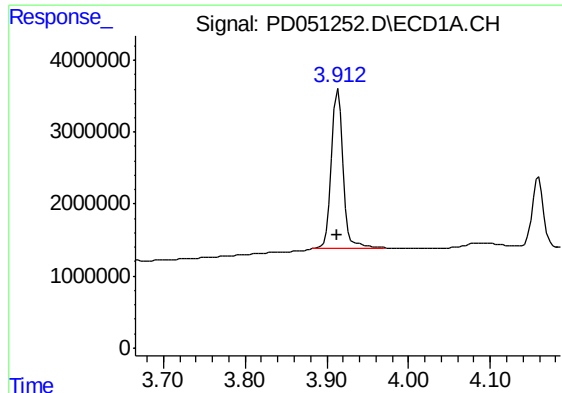
#2 alpha-BHC

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 19774245
Conc: 9.40 ng/ml



#2 alpha-BHC

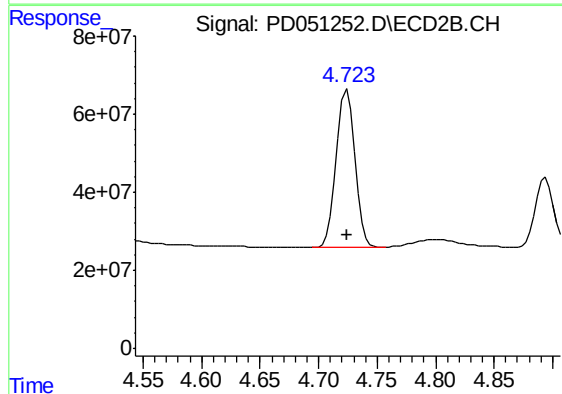
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 462366916
Conc: 11.24 ng/ml



#3 gamma-BHC (Lindane)

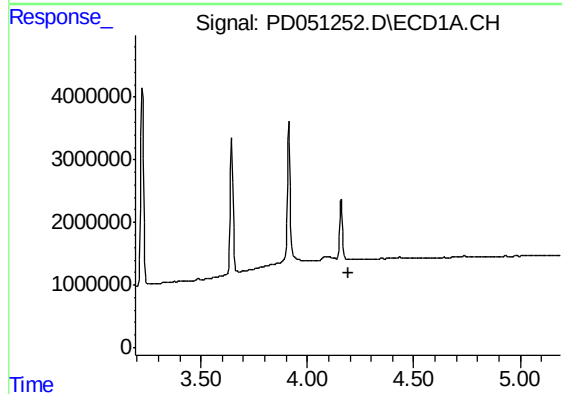
R.T.: 3.914 min
Delta R.T.: 0.000 min
Response: 21598180
Conc: 10.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



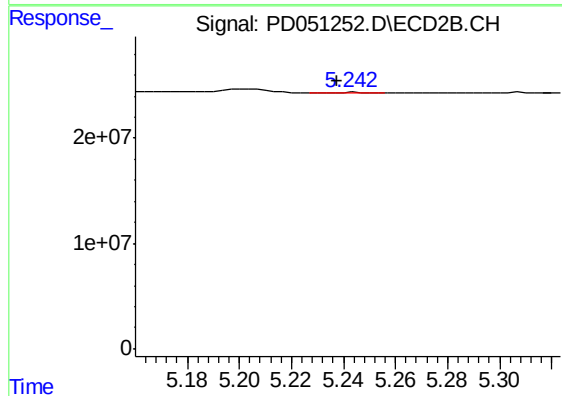
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 438046467
Conc: 11.54 ng/ml



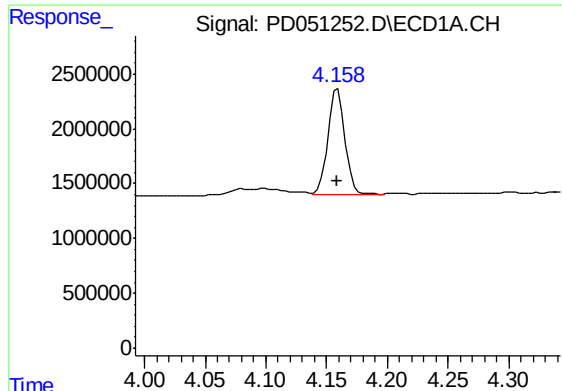
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.192 min
Response: 0
Conc: N.D.



#4 Heptachlor

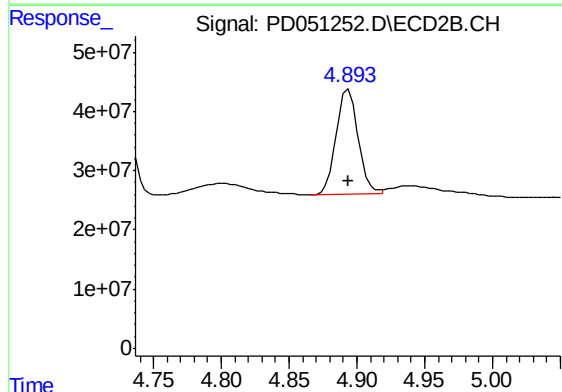
R.T.: 5.243 min
Delta R.T.: 0.005 min
Response: 543631
Conc: 0.01 ng/ml



#6 beta-BHC

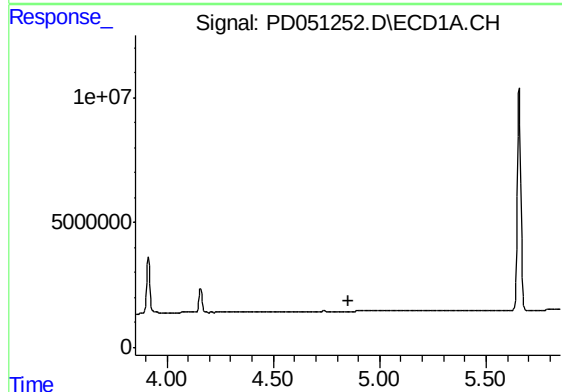
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 9438946
Conc: 10.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



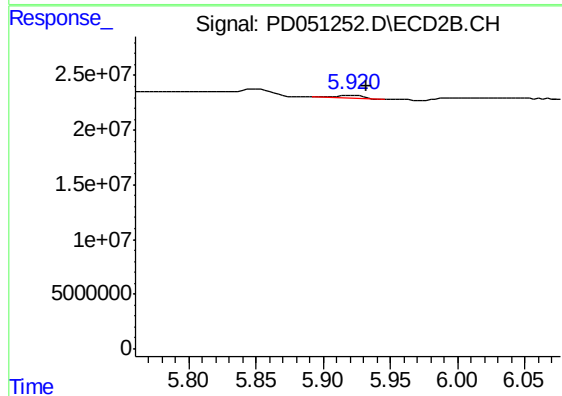
#6 beta-BHC

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 197474833
Conc: 11.72 ng/ml



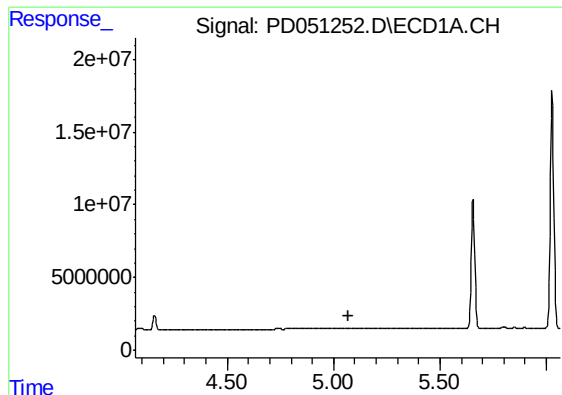
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

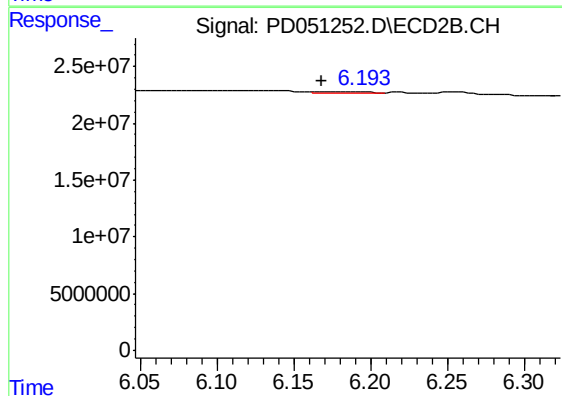
R.T.: 5.922 min
Delta R.T.: -0.011 min
Response: 3572362
Conc: 0.12 ng/ml



#10 gamma-Chlordane

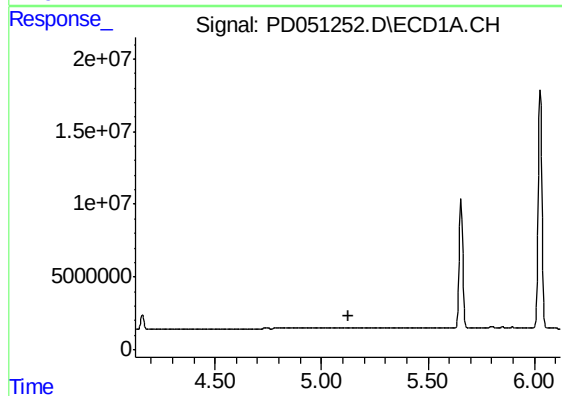
R.T.: 0.000 min
Exp R.T.: 5.069 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



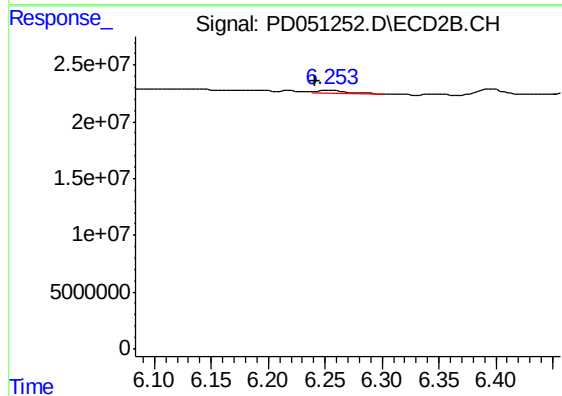
#10 gamma-Chlordane

R.T.: 6.184 min
Delta R.T.: 0.016 min
Response: 3412213
Conc: 0.11 ng/ml



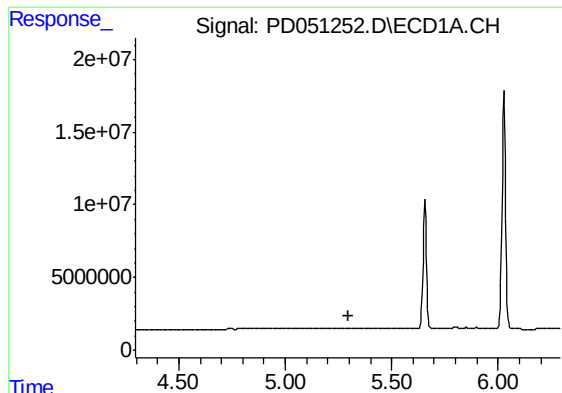
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.125 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

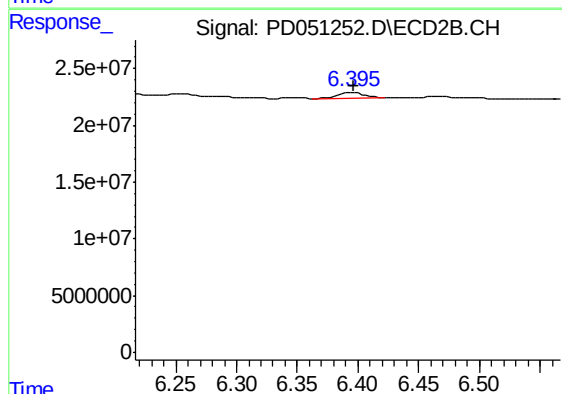
R.T.: 6.254 min
Delta R.T.: 0.013 min
Response: 4000404
Conc: 0.13 ng/ml



#12 4,4'-DDE

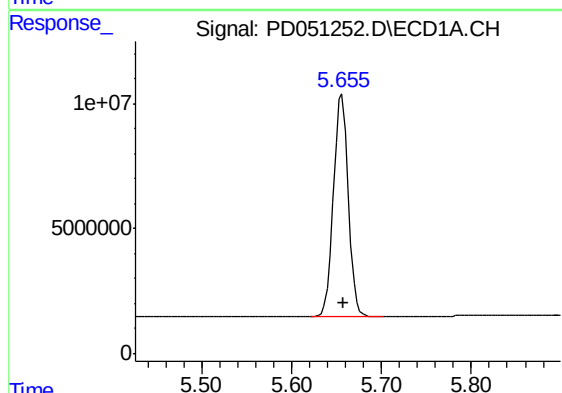
R.T.: 0.000 min
Exp R.T.: 5.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



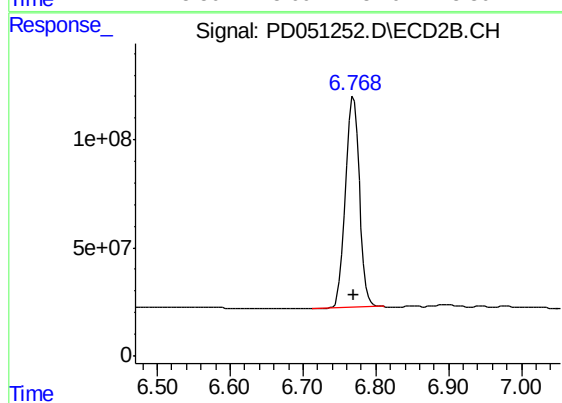
#12 4,4'-DDE

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 6530665
Conc: 0.22 ng/ml



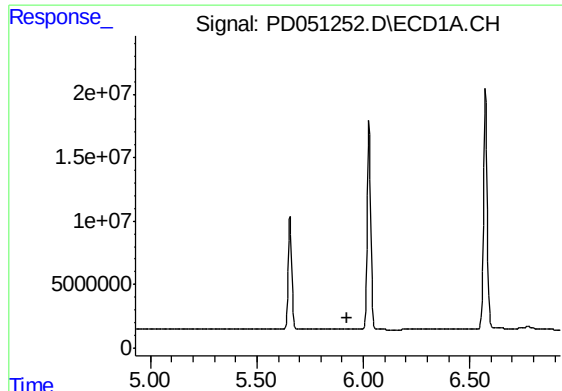
#14 Endrin

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 101996372
Conc: 52.01 ng/ml



#14 Endrin

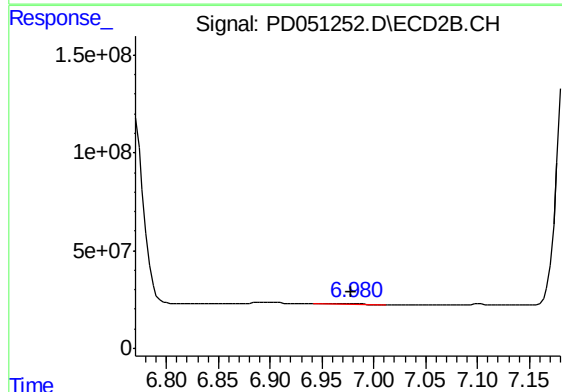
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 1289121020
Conc: 50.04 ng/ml



#15 Endosulfan II

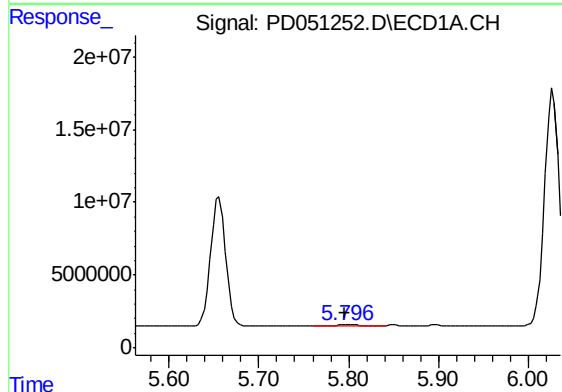
R.T.: 0.000 min
Exp R.T.: 5.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



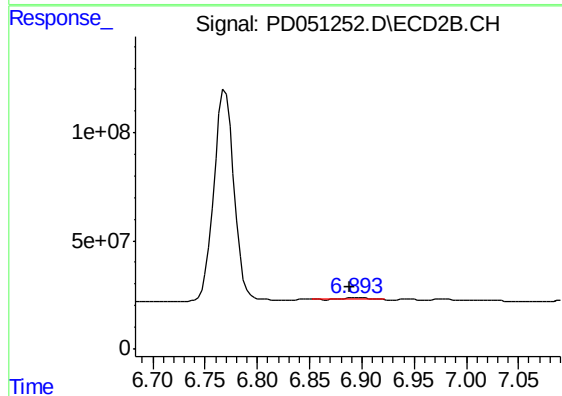
#15 Endosulfan II

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 5371143
Conc: 0.21 ng/ml



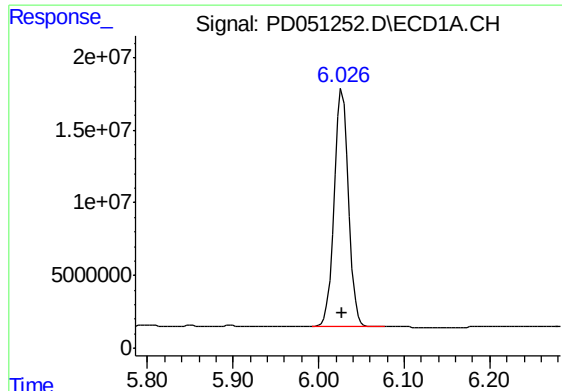
#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: 0.003 min
Response: 644570
Conc: 0.40 ng/ml



#16 4,4'-DDD

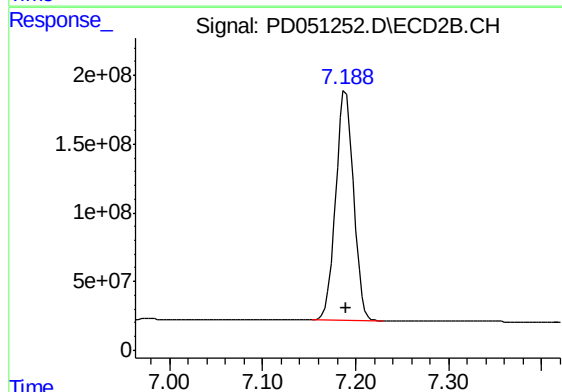
R.T.: 6.894 min
Delta R.T.: 0.006 min
Response: 11322834
Conc: 0.48 ng/ml



#17 4,4'-DDT

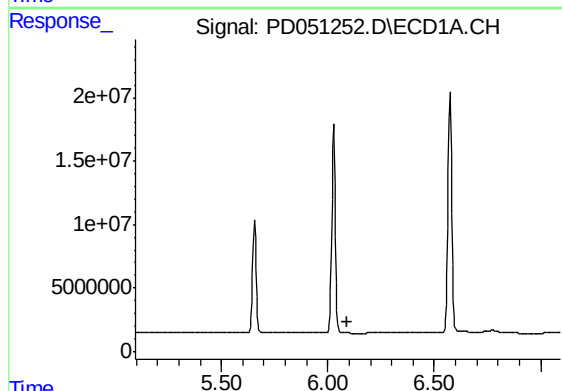
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 189046801
Conc: 116.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



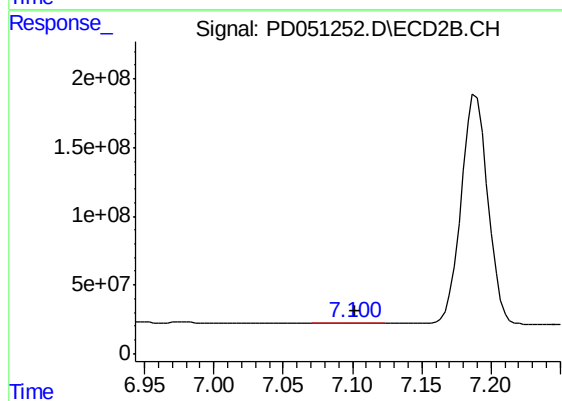
#17 4,4'-DDT

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 2224984681
Conc: 105.76 ng/ml



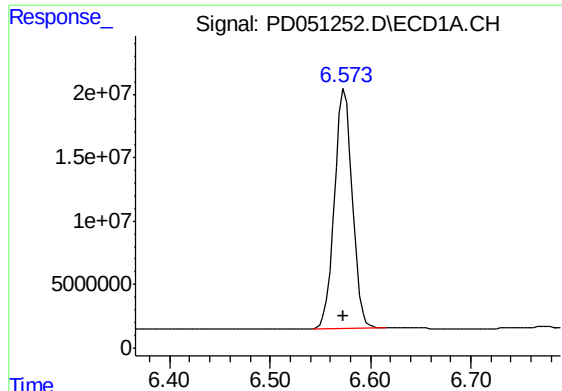
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.093 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

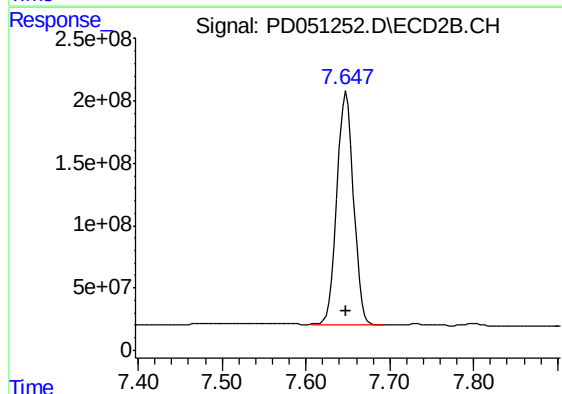
R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 8351617
Conc: 0.39 ng/ml



#20 Methoxychlor

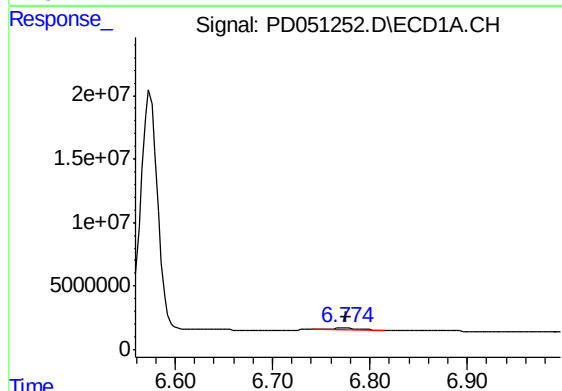
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 230785716
Conc: 259.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



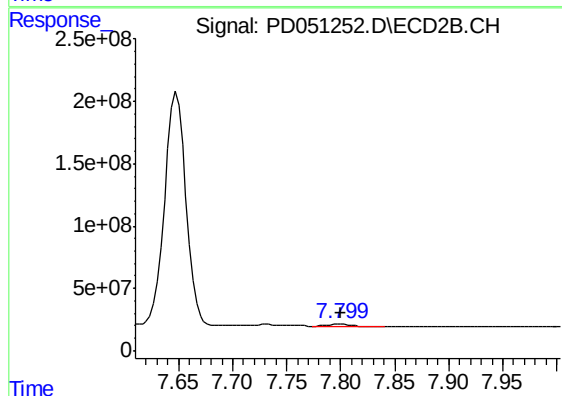
#20 Methoxychlor

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 2563306268
Conc: 230.02 ng/ml



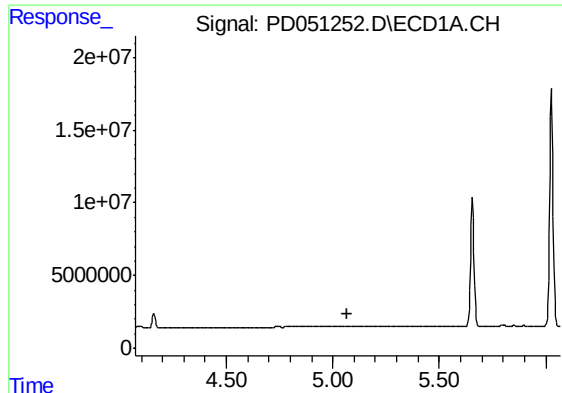
#21 Endrin ketone

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 2177932
Conc: 1.13 ng/ml



#21 Endrin ketone

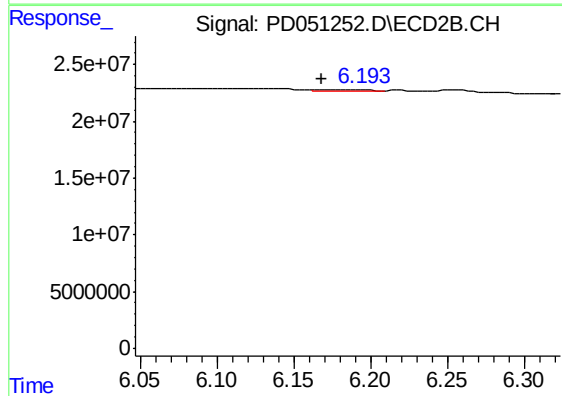
R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 21041533
Conc: 0.92 ng/ml



#25 Chlordane-3

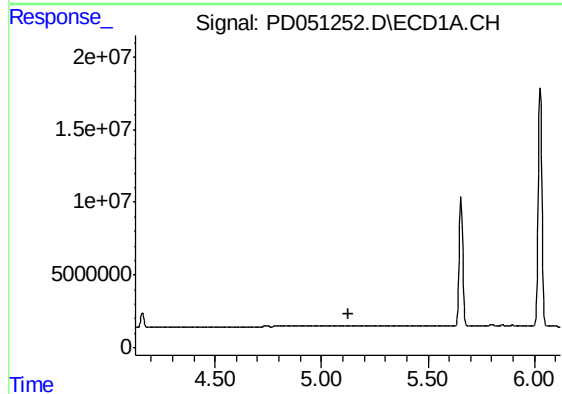
R.T.: 0.000 min
Exp R.T. : 5.069 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



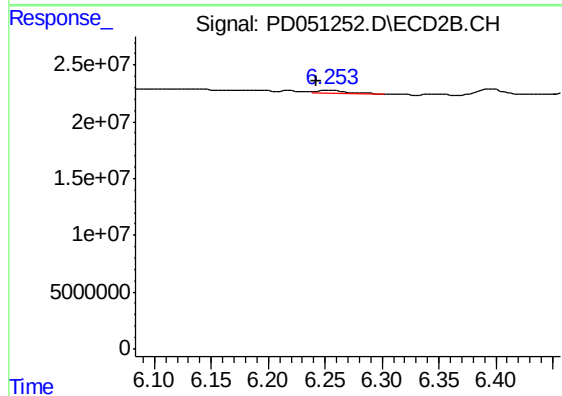
#25 Chlordane-3

R.T.: 6.184 min
Delta R.T.: 0.016 min
Response: 3412213
Conc: 0.78 ng/ml



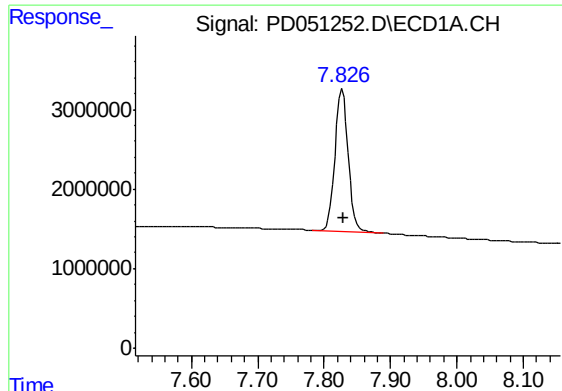
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.125 min
Response: 0
Conc: N.D.



#26 Chlordane-4

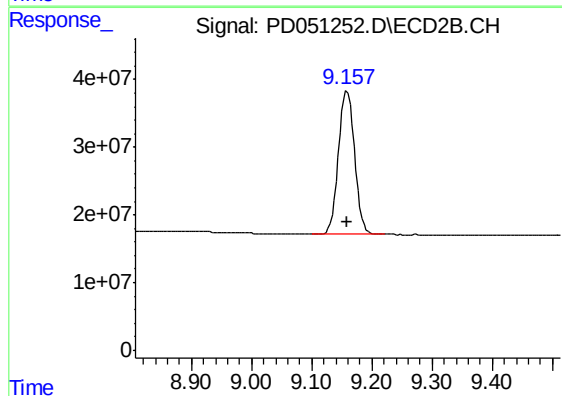
R.T.: 6.254 min
Delta R.T.: 0.012 min
Response: 4000404
Conc: 0.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 24804365
Conc: 21.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.159 min
Delta R.T.: 0.000 min
Response: 397597116
Conc: 22.51 ng/ml