

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032919\
 Data File : PD052322.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Mar 2019 19:13
 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: Mar 30 04:58:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 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...	3.221	4.042	27253880	613.3E6	19.531	21.161
28)	SA Decachlor...	7.816	9.155	29824537	358.6E6	22.378	23.057
Target Compounds							
2)	A alpha-BHC	3.641	4.434	19478800	472.3E6	8.569	10.493
3)	MA gamma-BHC...	3.909	4.721	22419283	437.1E6	10.253	10.866
4)	MA Heptachlor	0.000	5.239	0	193101	N.D.	0.005 #
6)	B beta-BHC	4.155	4.892	9249482	209.3E6	10.480	11.568
8)	B Heptachlo...	0.000	5.923	0	57630470	N.D.	1.785 #
10)	B gamma-Chl...	0.000	6.177	0	18913467	N.D.	0.591 #
11)	B alpha-Chl...	0.000	6.247	0	4250935	N.D.	0.135 #
12)	B 4,4'-DDE	0.000	6.393	0	7094875	N.D.	0.232 #
14)	MA Endrin	5.648	6.765	91980831	1261.9E6	49.954	50.359
15)	B Endosulfa...	0.000	6.979	0	12472471	N.D.	0.501 #
16)	A 4,4'-DDD	5.794	6.892	370231	26380608	0.242	1.103 #
17)	MA 4,4'-DDT	6.019	7.186	170.5E6	2214.6E6	118.532	118.848
18)	B Endrin al...	0.000	7.098	0	13241473	N.D.	0.643 #
20)	A Methoxychlor	6.564	7.645	231.3E6	2624.4E6	273.803	262.358
21)	B Endrin ke...	6.766	7.797	2060608	22309643	1.133	1.089
25)	Chlordane-3	0.000	6.177	0	18913467	N.D.	4.286 #
26)	Chlordane-4	0.000	6.247	0	4250935	N.D.	0.836 #

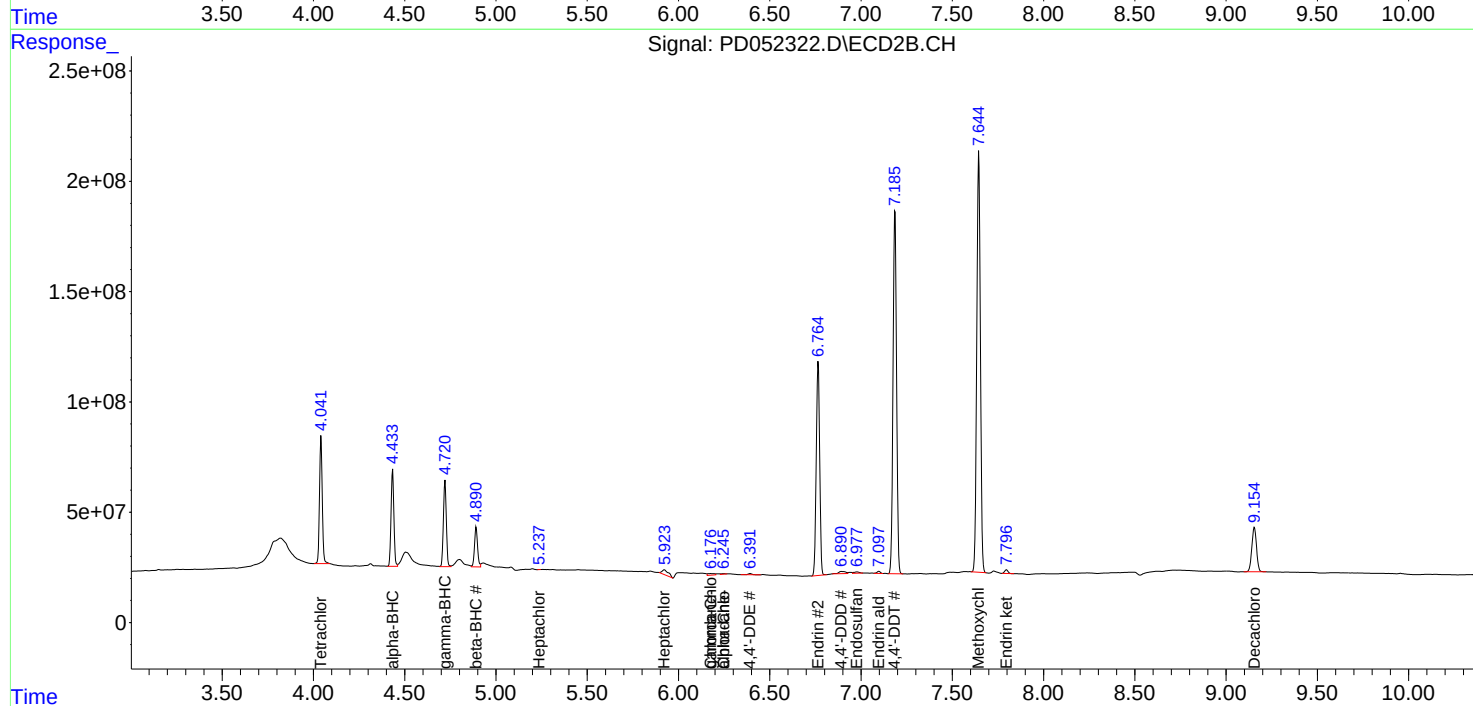
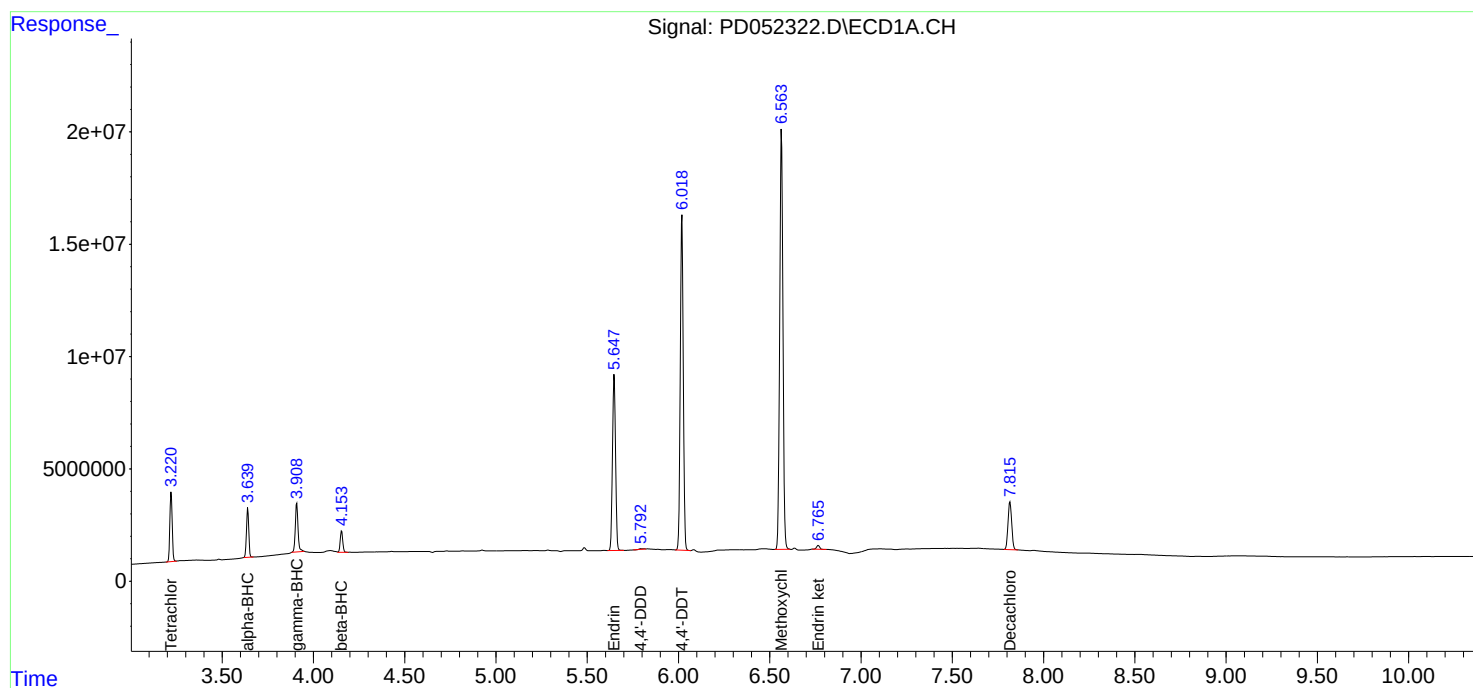
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

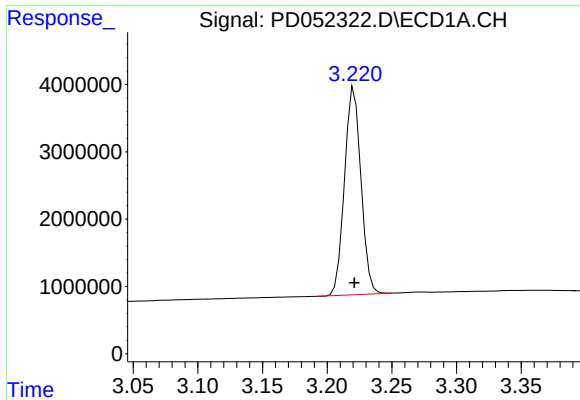
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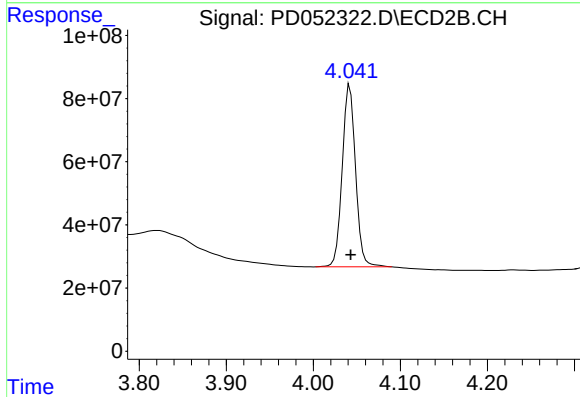




#1 Tetrachloro-m-xylene

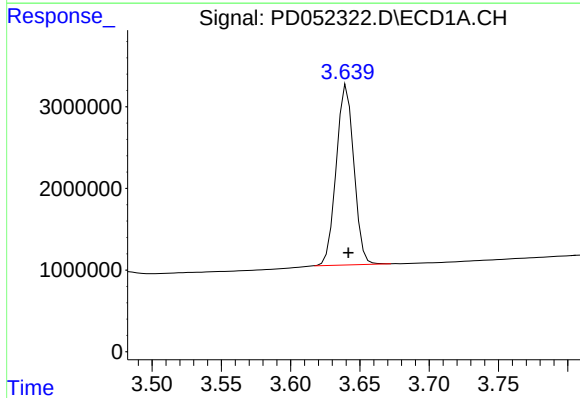
R.T.: 3.221 min
Delta R.T.: 0.000 min
Response: 27253880
Conc: 19.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



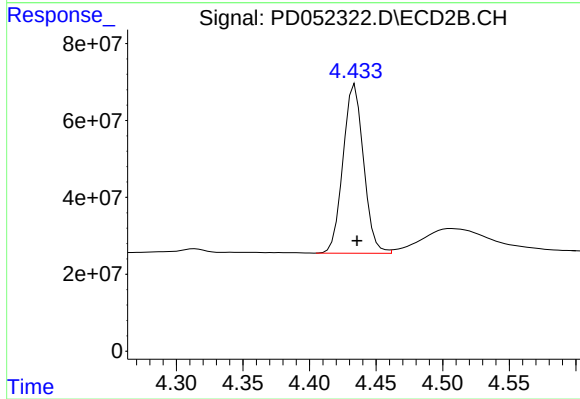
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: 0.000 min
Response: 613338356
Conc: 21.16 ng/ml



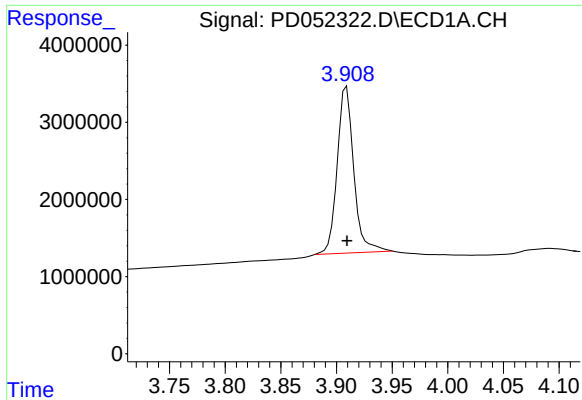
#2 alpha-BHC

R.T.: 3.641 min
Delta R.T.: -0.001 min
Response: 19478800
Conc: 8.57 ng/ml



#2 alpha-BHC

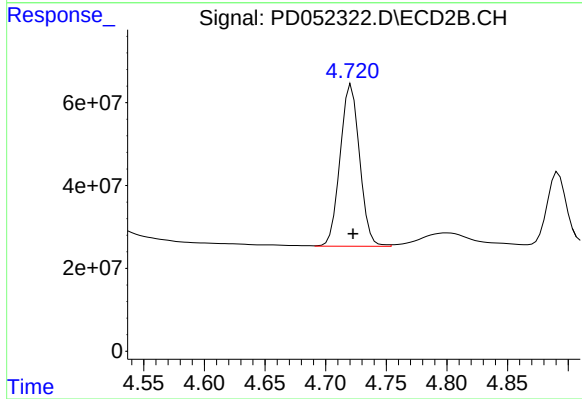
R.T.: 4.434 min
Delta R.T.: -0.002 min
Response: 472302093
Conc: 10.49 ng/ml



#3 gamma-BHC (Lindane)

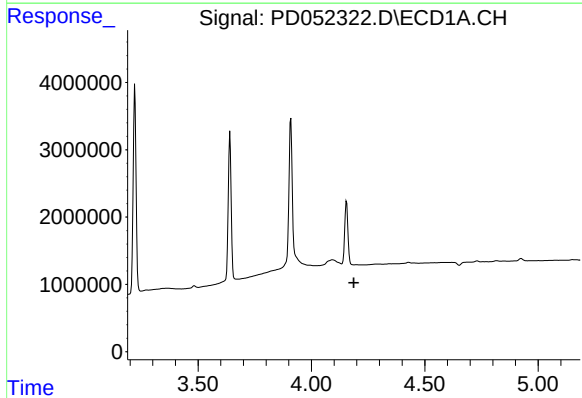
R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 22419283
Conc: 10.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



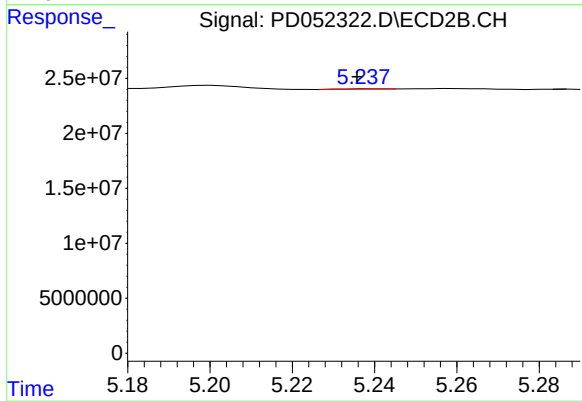
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 437130110
Conc: 10.87 ng/ml



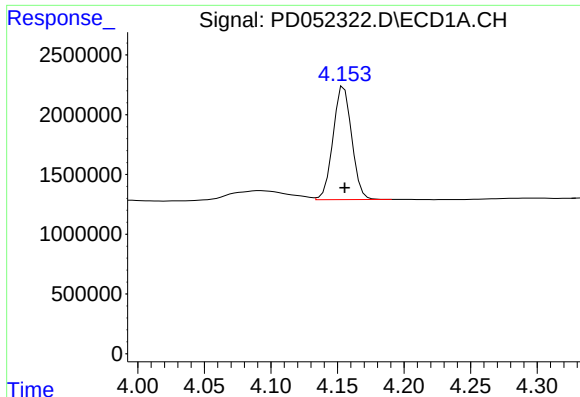
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.187 min
Response: 0
Conc: N.D.



#4 Heptachlor

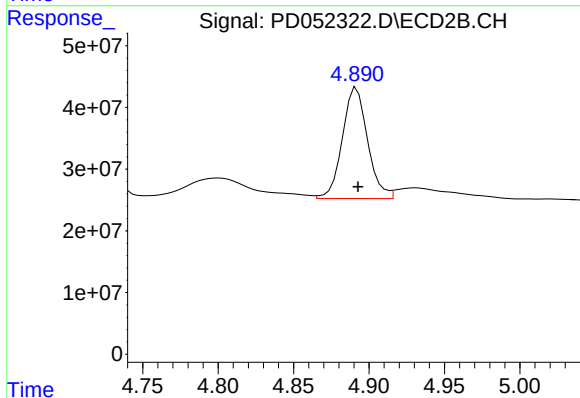
R.T.: 5.239 min
Delta R.T.: 0.003 min
Response: 193101
Conc: 0.00 ng/ml



#6 beta-BHC

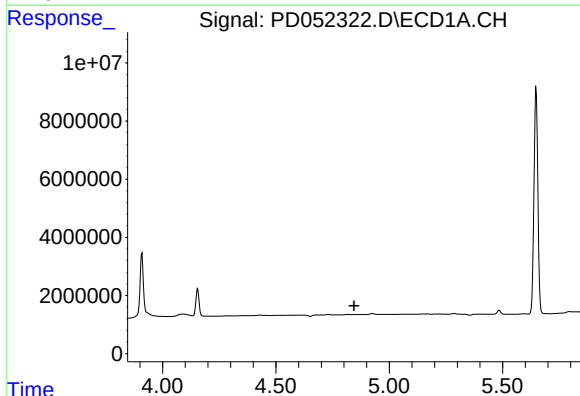
R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 9249482
Conc: 10.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



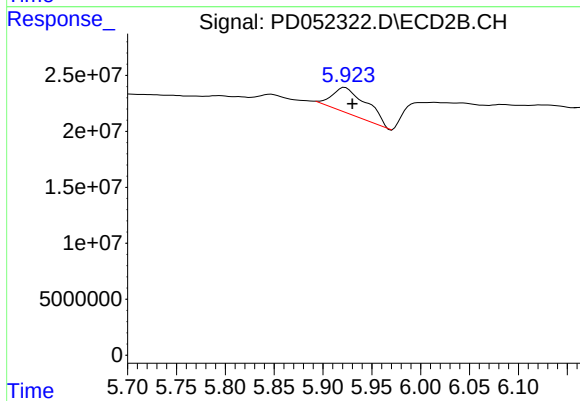
#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 209327785
Conc: 11.57 ng/ml



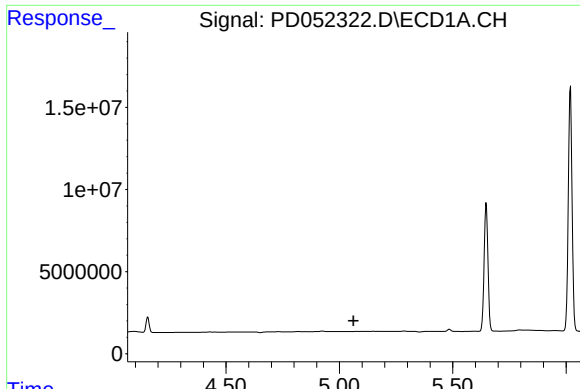
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.846 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

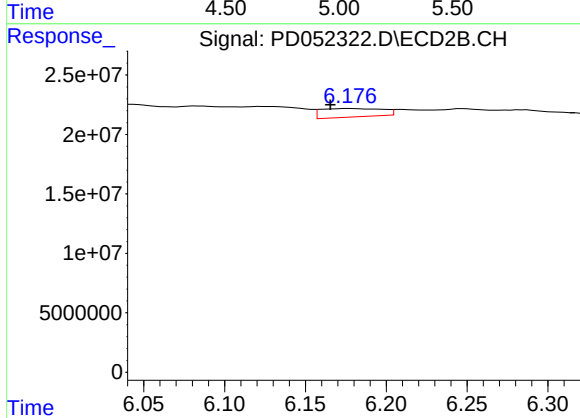
R.T.: 5.923 min
Delta R.T.: -0.008 min
Response: 57630470
Conc: 1.79 ng/ml



#10 gamma-Chlordane

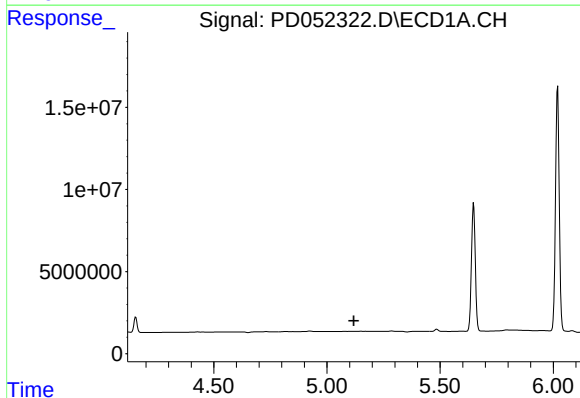
R.T.: 0.000 min
Exp R.T.: 5.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



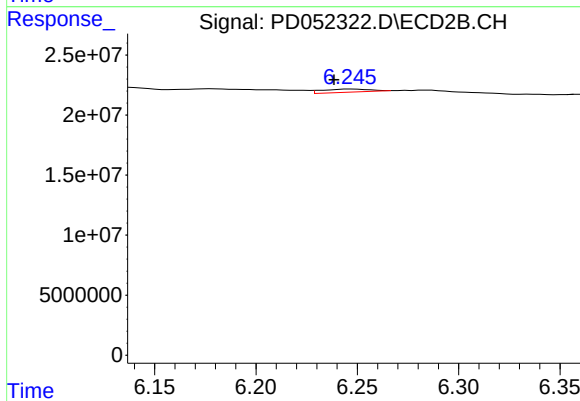
#10 gamma-Chlordane

R.T.: 6.177 min
Delta R.T.: 0.012 min
Response: 18913467
Conc: 0.59 ng/ml



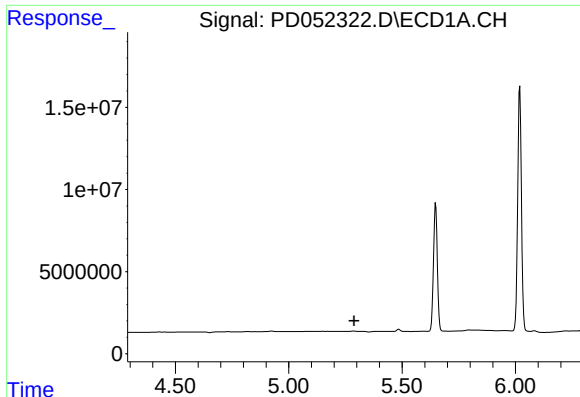
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.119 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

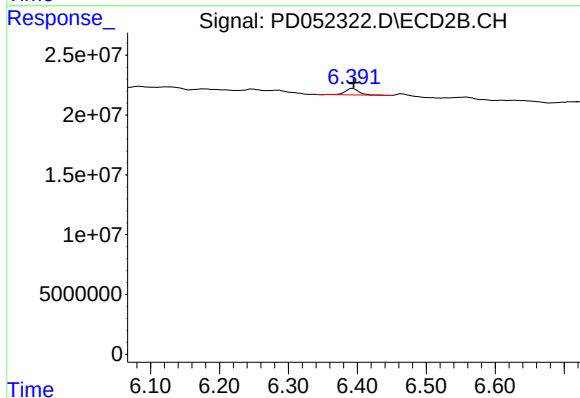
R.T.: 6.247 min
Delta R.T.: 0.008 min
Response: 4250935
Conc: 0.14 ng/ml



#12 4,4'-DDE

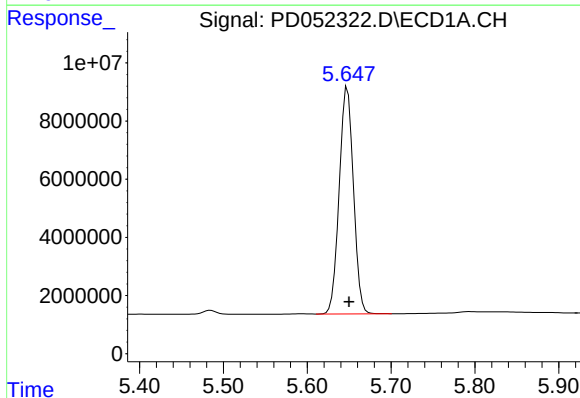
R.T.: 0.000 min
Exp R.T.: 5.288 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



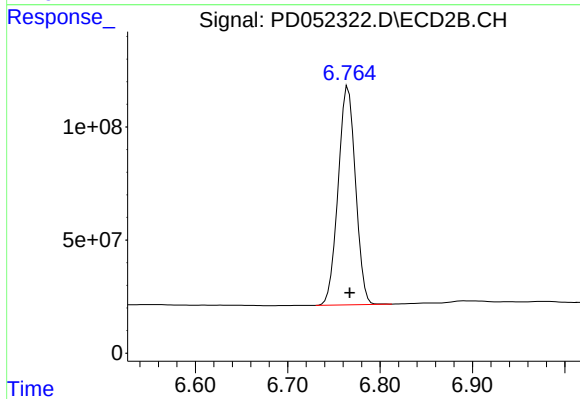
#12 4,4'-DDE

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 7094875
Conc: 0.23 ng/ml



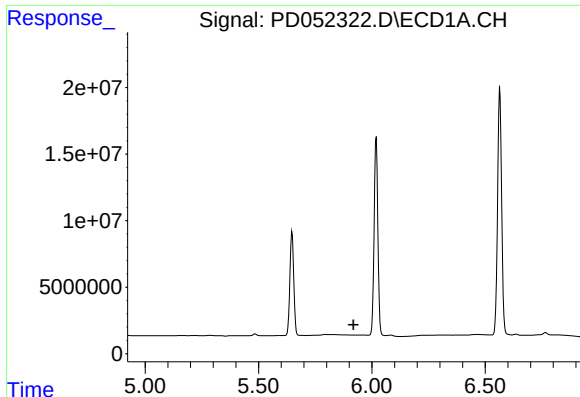
#14 Endrin

R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 91980831
Conc: 49.95 ng/ml



#14 Endrin

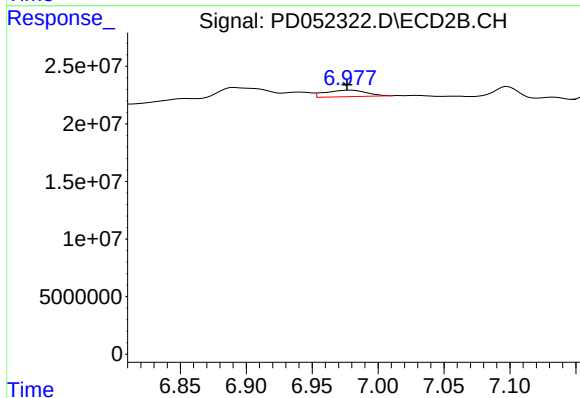
R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 1261918013
Conc: 50.36 ng/ml



#15 Endosulfan II

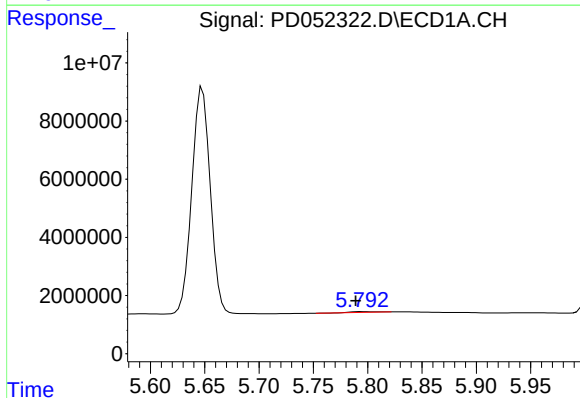
R.T.: 0.000 min
Exp R.T.: 5.919 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



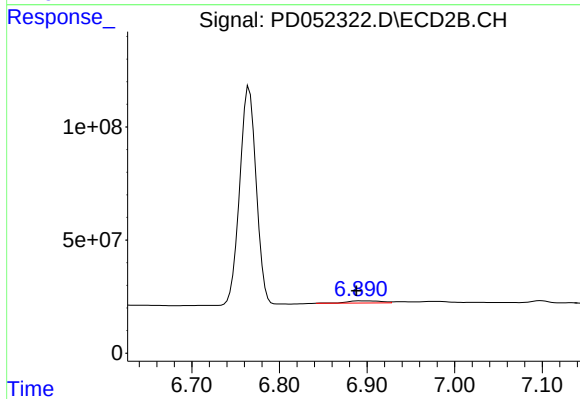
#15 Endosulfan II

R.T.: 6.979 min
Delta R.T.: 0.003 min
Response: 12472471
Conc: 0.50 ng/ml



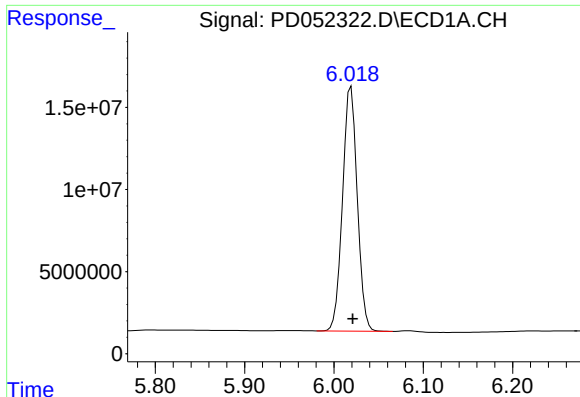
#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: 0.005 min
Response: 370231
Conc: 0.24 ng/ml



#16 4,4'-DDD

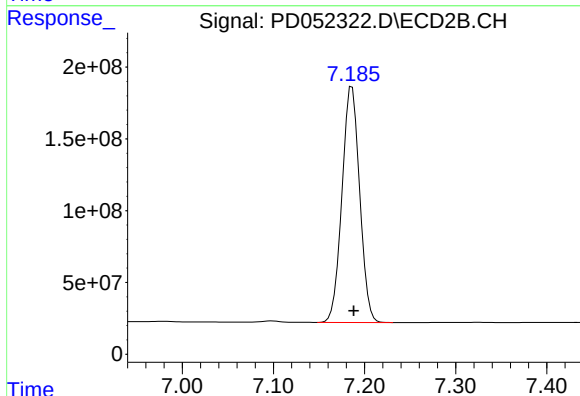
R.T.: 6.892 min
Delta R.T.: 0.004 min
Response: 26380608
Conc: 1.10 ng/ml



#17 4,4'-DDT

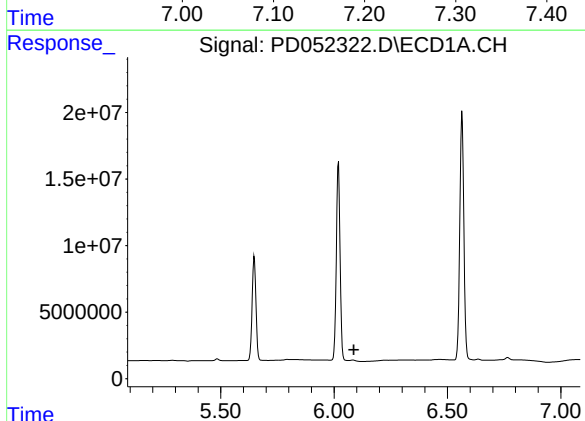
R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 170519091
Conc: 118.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



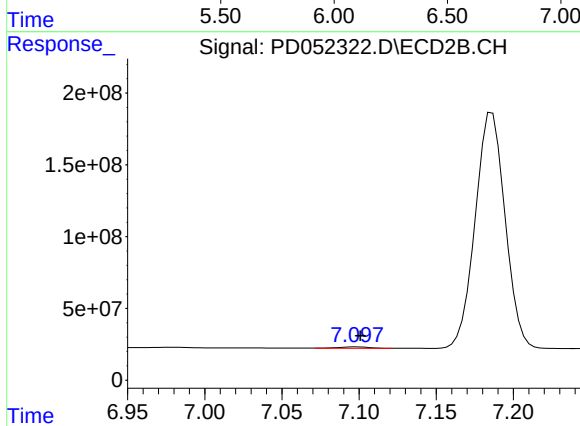
#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 2214623046
Conc: 118.85 ng/ml



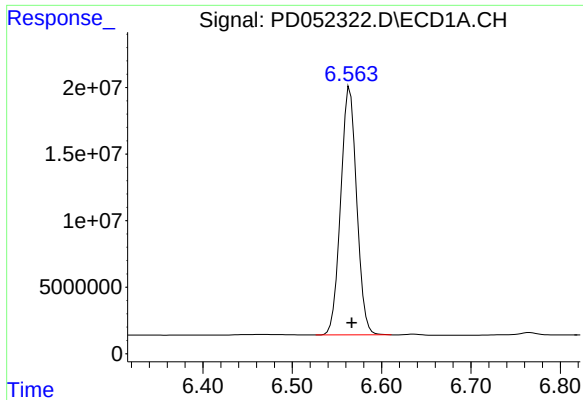
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.087 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

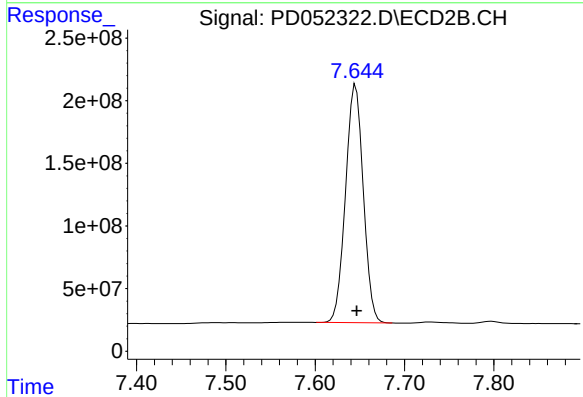
R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 13241473
Conc: 0.64 ng/ml



#20 Methoxychlor

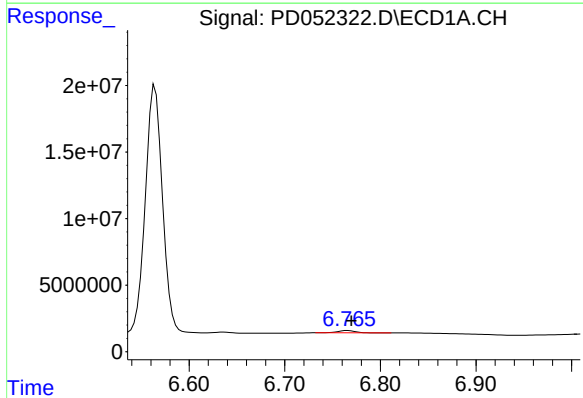
R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 231314239
Conc: 273.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



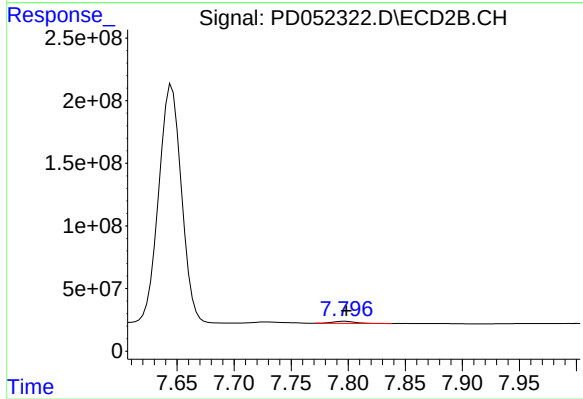
#20 Methoxychlor

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 2624433830
Conc: 262.36 ng/ml



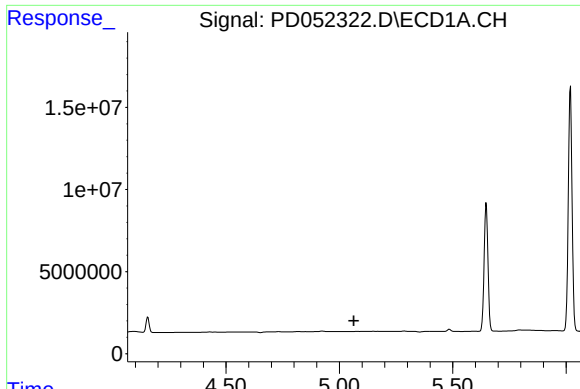
#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.004 min
Response: 2060608
Conc: 1.13 ng/ml



#21 Endrin ketone

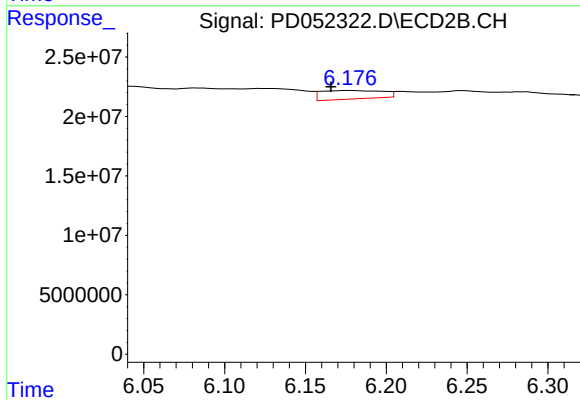
R.T.: 7.797 min
Delta R.T.: -0.001 min
Response: 22309643
Conc: 1.09 ng/ml



#25 Chlordane-3

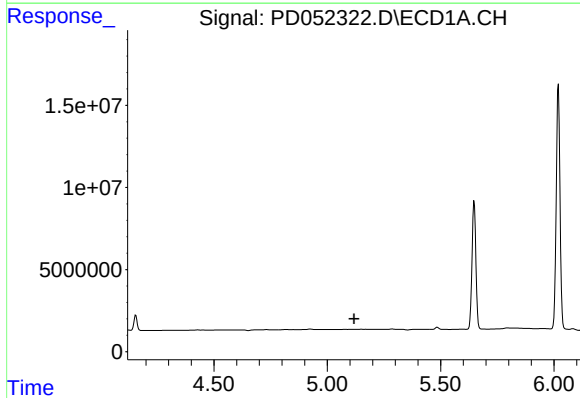
R.T.: 0.000 min
Exp R.T. : 5.064 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



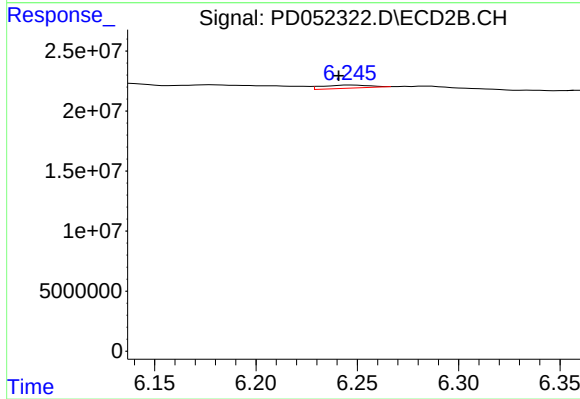
#25 Chlordane-3

R.T.: 6.177 min
Delta R.T.: 0.012 min
Response: 18913467
Conc: 4.29 ng/ml



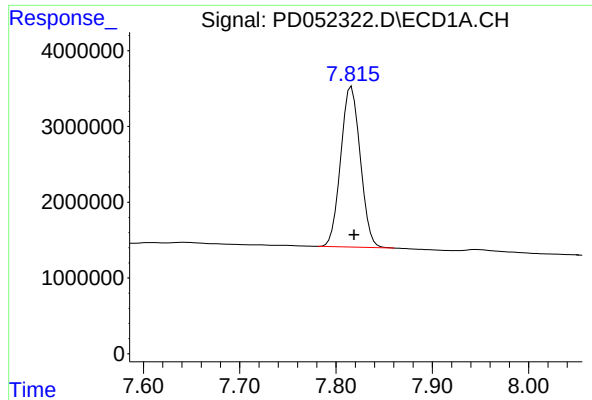
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.118 min
Response: 0
Conc: N.D.



#26 Chlordane-4

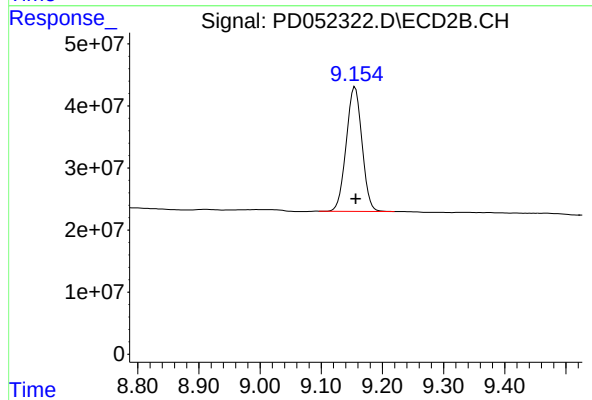
R.T.: 6.247 min
Delta R.T.: 0.006 min
Response: 4250935
Conc: 0.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.816 min
Delta R.T.: -0.002 min
Response: 29824537
Conc: 22.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.155 min
Delta R.T.: -0.001 min
Response: 358561321
Conc: 23.06 ng/ml