

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032919\
 Data File : PD052328.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Mar 2019 20:38
 Operator : AJ\SJ
 Sample : MDL-CHL-S-03
 Misc : 25 PPB
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

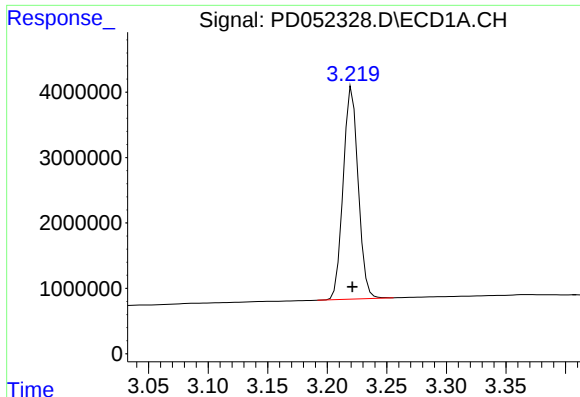
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 04:59:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation 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	28404119	620.0E6	20.355	21.390
2)	SA Decachlor...	7.817	9.156	30347823	372.0E6	22.771	23.921
Target Compounds							
2)	A alpha-BHC	0.000	4.445	0	9131666	N.D.	0.203 #
3)	MA gamma-BHC...	3.918	0.000	3423628	0	1.566	N.D. #
4)	MA Heptachlor	4.185	5.234	2151942	63313573	1.014	1.596 #
5)	MB Aldrin	0.000	5.515f	0	44796007	N.D.	1.210 #
6)	B beta-BHC	4.185f	0.000	2151942	0	2.438	N.D. #
8)	B Heptachlo...	0.000	5.915f	0	28982518	N.D.	0.898 #
10)	B gamma-Chl...	5.062	6.165	5132236	140.6E6	2.632	4.394 #
11)	B alpha-Chl...	5.117	6.239	5006703	165.9E6	2.594	5.285 #
15)	B Endosulfa...	5.921	0.000	1120162	0	0.653	N.D. #
16)	A 4,4'-DDD	0.000	6.906f	0	5555216	N.D.	0.232 #
17)	MA 4,4'-DDT	0.000	7.203f	0	3324656	N.D.	0.178 #
18)	B Endrin al...	0.000	7.092	0	4758842	N.D.	0.231 #
21)	B Endrin ke...	0.000	7.824f	0	3176074	N.D.	0.155 #
23)	Chlordane-1	4.042	5.044	1578290	43397383	25.134	28.289
24)	Chlordane-2	4.521	5.515	1973588	44796007	26.521	31.986
25)	Chlordane-3	5.062	6.165	5132236	140.6E6	23.208	31.860 #
26)	Chlordane-4	5.117	6.239	5006703	165.9E6	23.606	32.623 #
27)	Chlordane-5	5.921	7.049	1120162	29073606	17.225	31.512 #

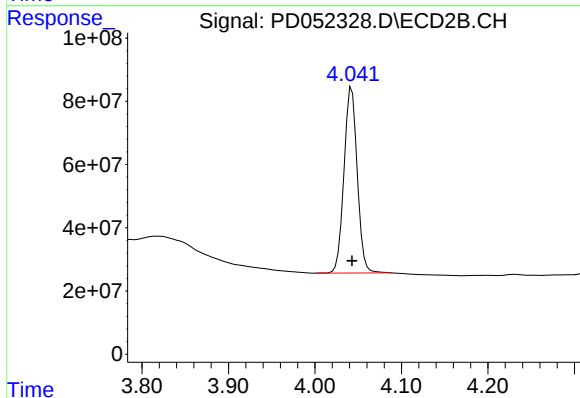
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

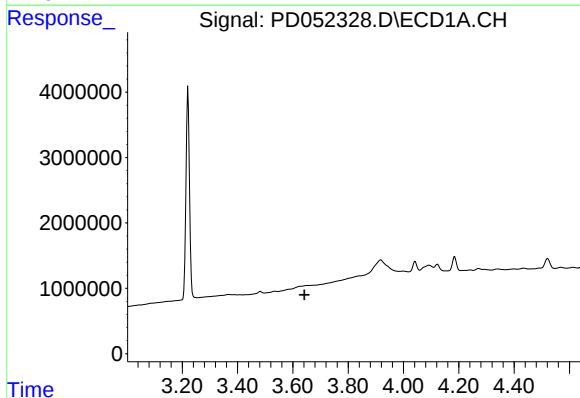
R.T.: 3.221 min
Delta R.T.: 0.000 min
Response: 28404119
Conc: 20.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



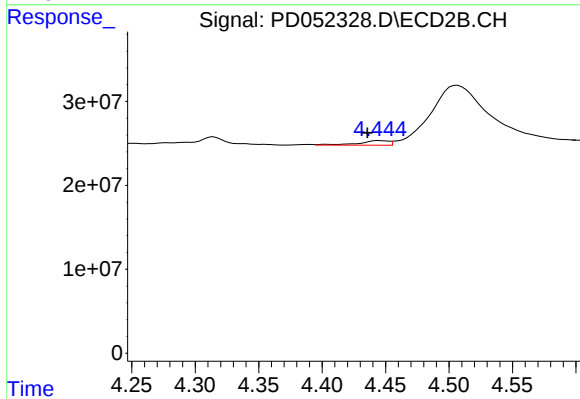
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: 0.000 min
Response: 619970983
Conc: 21.39 ng/ml



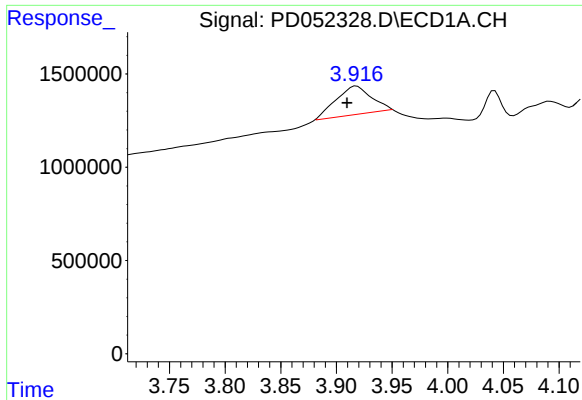
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.642 min
Response: 0
Conc: N.D.



#2 alpha-BHC

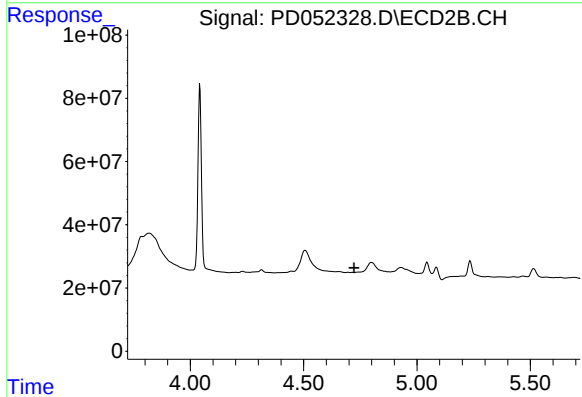
R.T.: 4.445 min
Delta R.T.: 0.009 min
Response: 9131666
Conc: 0.20 ng/ml



#3 gamma-BHC (Lindane)

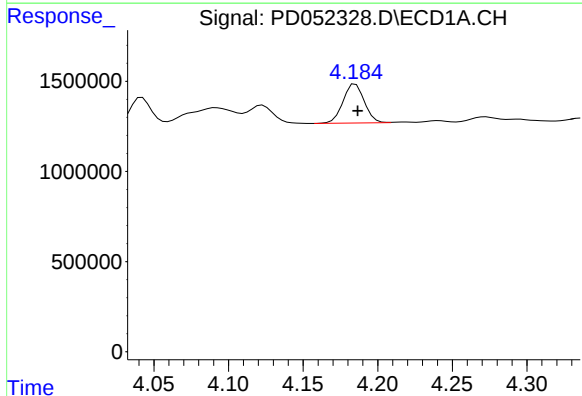
R.T.: 3.918 min
Delta R.T.: 0.008 min
Response: 3423628
Conc: 1.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



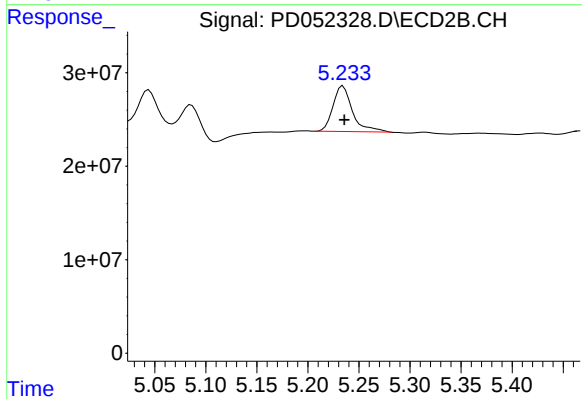
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 4.723 min
Response: 0
Conc: N.D.



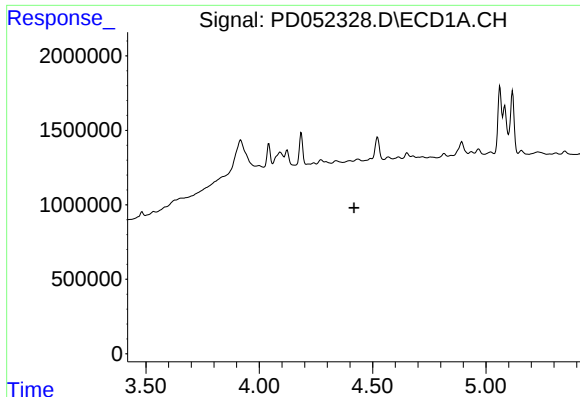
#4 Heptachlor

R.T.: 4.185 min
Delta R.T.: -0.001 min
Response: 2151942
Conc: 1.01 ng/ml



#4 Heptachlor

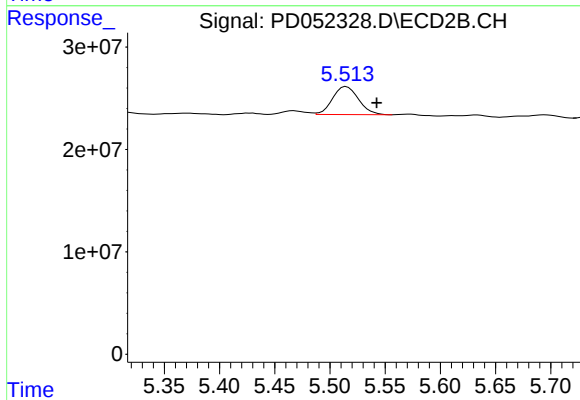
R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 63313573
Conc: 1.60 ng/ml



#5 Aldrin

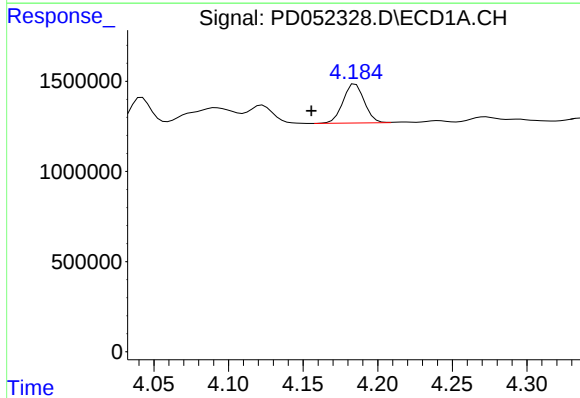
R.T.: 0.000 min
Exp R.T.: 4.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



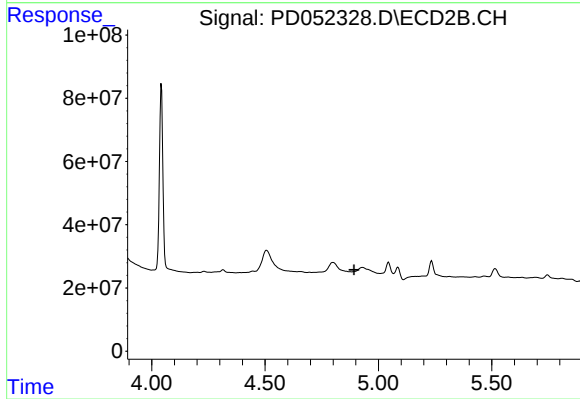
#5 Aldrin

R.T.: 5.515 min
Delta R.T.: -0.028 min
Response: 44796007
Conc: 1.21 ng/ml



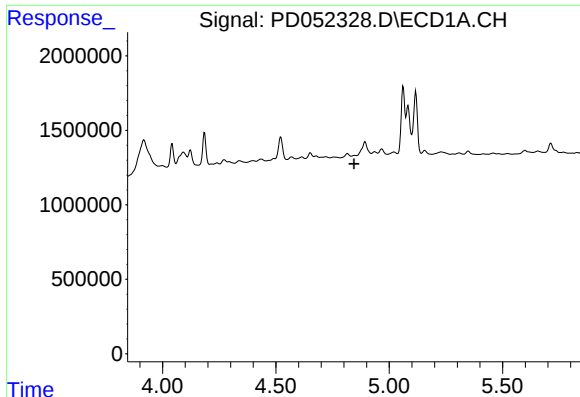
#6 beta-BHC

R.T.: 4.185 min
Delta R.T.: 0.030 min
Response: 2151942
Conc: 2.44 ng/ml



#6 beta-BHC

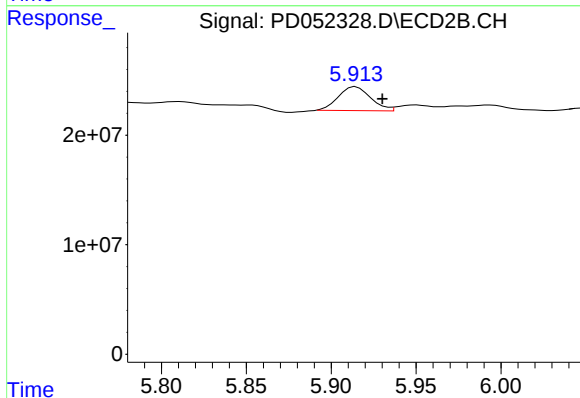
R.T.: 0.000 min
Exp R.T.: 4.893 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

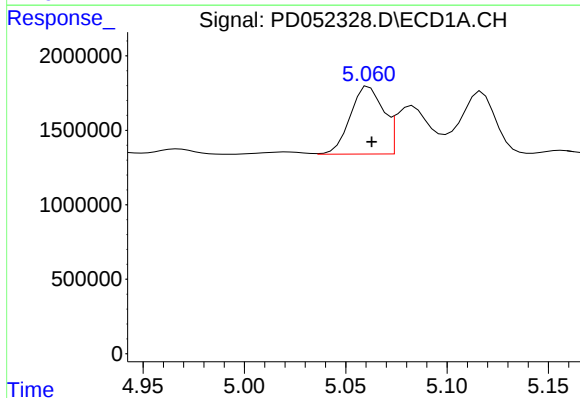
R.T.: 0.000 min
Exp R.T.: 4.846 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



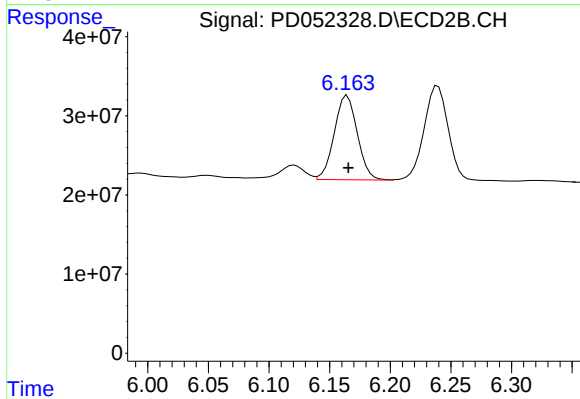
#8 Heptachlor epoxide

R.T.: 5.915 min
Delta R.T.: -0.016 min
Response: 28982518
Conc: 0.90 ng/ml



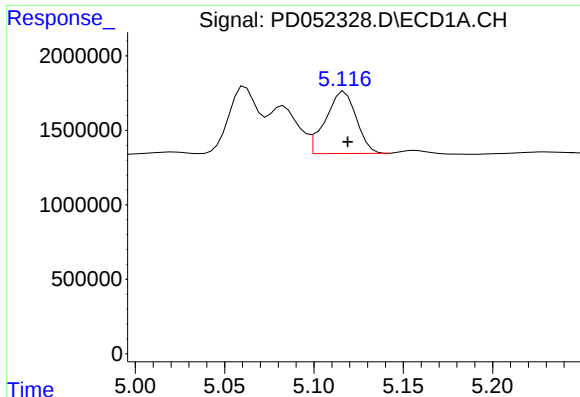
#10 gamma-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 5132236
Conc: 2.63 ng/ml



#10 gamma-Chlordane

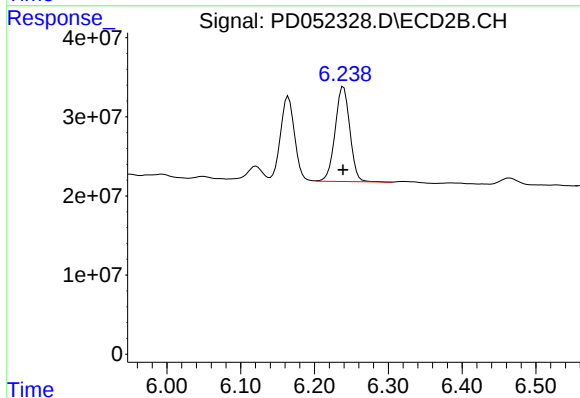
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 140589829
Conc: 4.39 ng/ml



#11 alpha-Chlordane

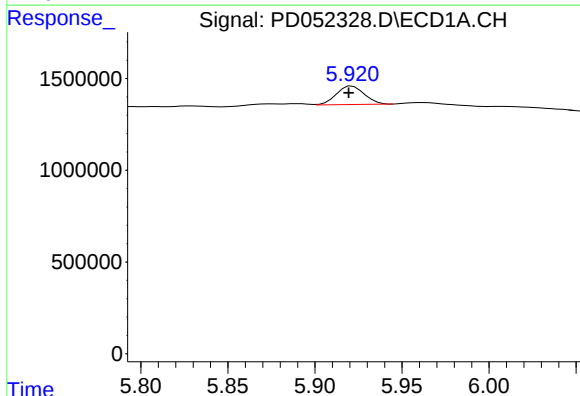
R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 5006703
Conc: 2.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



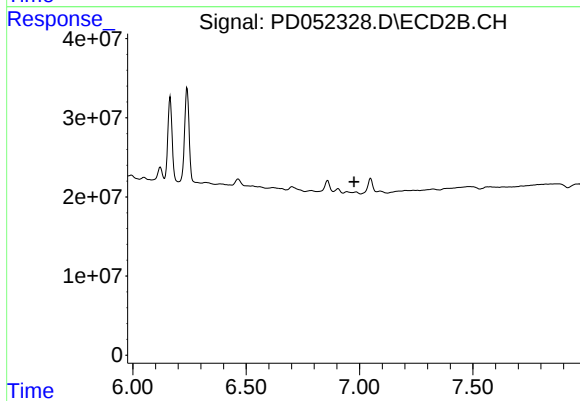
#11 alpha-Chlordane

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 165894094
Conc: 5.29 ng/ml



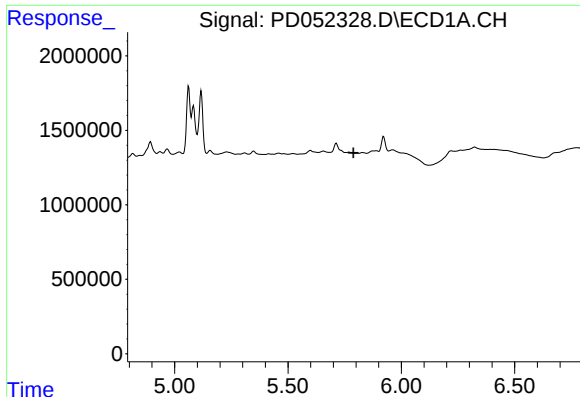
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 1120162
Conc: 0.65 ng/ml



#15 Endosulfan II

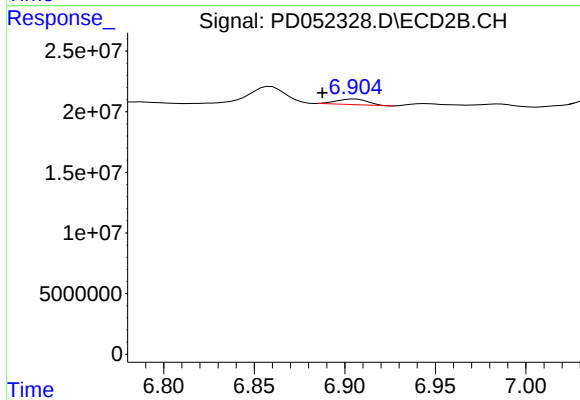
R.T.: 0.000 min
Exp R.T. : 6.977 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

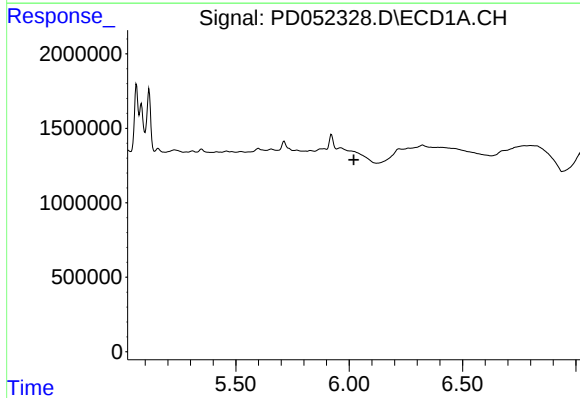
R.T.: 0.000 min
Exp R.T.: 5.789 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



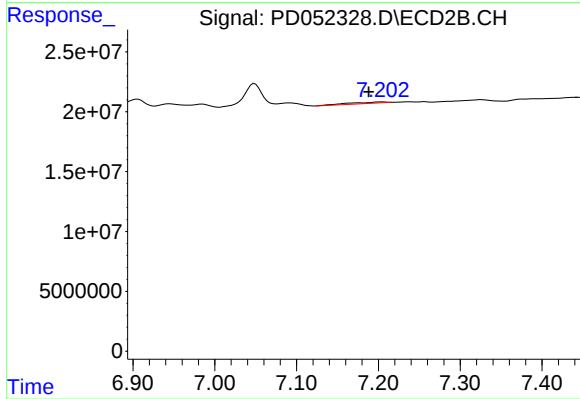
#16 4,4'-DDD

R.T.: 6.906 min
Delta R.T.: 0.018 min
Response: 5555216
Conc: 0.23 ng/ml



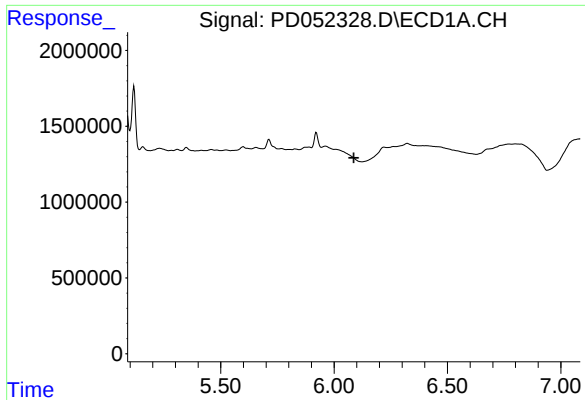
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 6.021 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

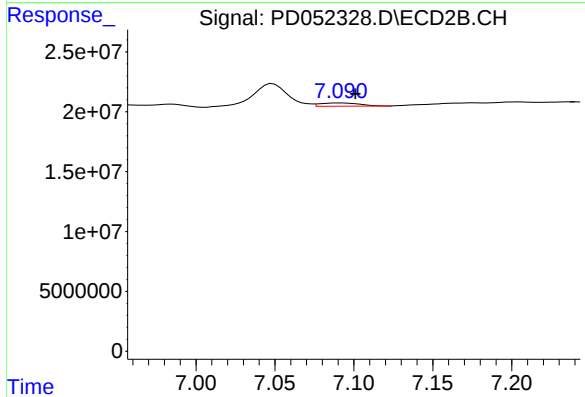
R.T.: 7.203 min
Delta R.T.: 0.015 min
Response: 3324656
Conc: 0.18 ng/ml



#18 Endrin aldehyde

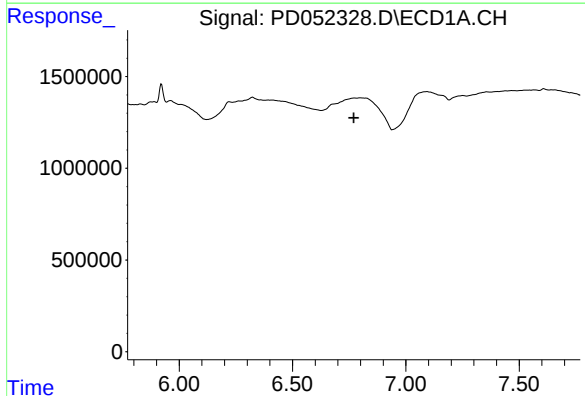
R.T.: 0.000 min
Exp R.T.: 6.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



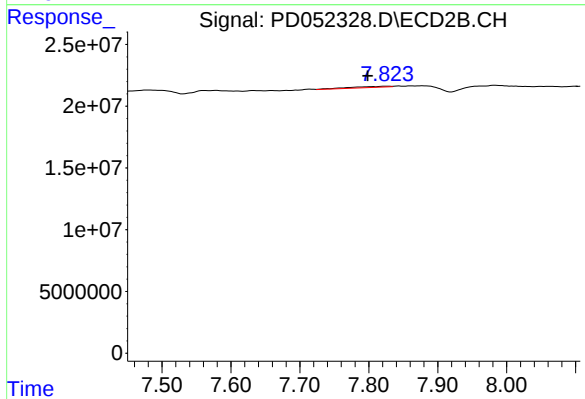
#18 Endrin aldehyde

R.T.: 7.092 min
Delta R.T.: -0.009 min
Response: 4758842
Conc: 0.23 ng/ml



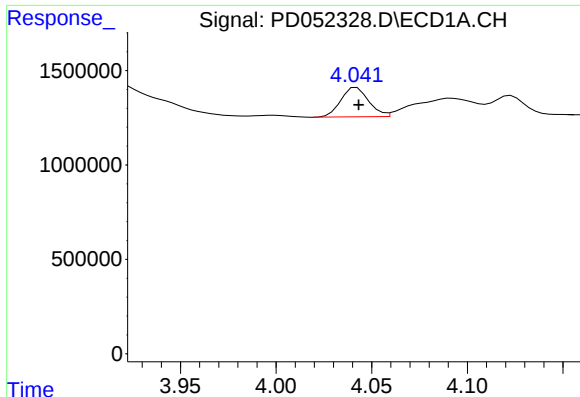
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T.: 6.770 min
Response: 0
Conc: N.D.



#21 Endrin ketone

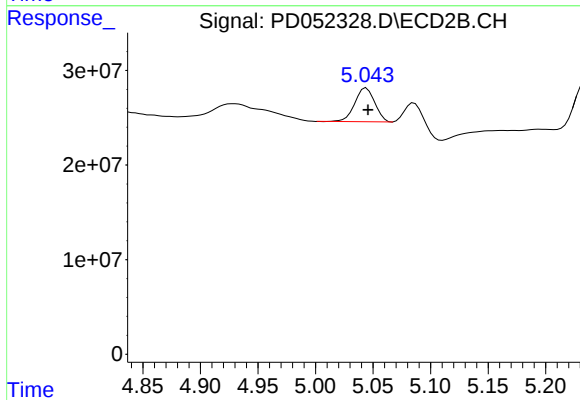
R.T.: 7.824 min
Delta R.T.: 0.026 min
Response: 3176074
Conc: 0.16 ng/ml



#23 Chlordane-1

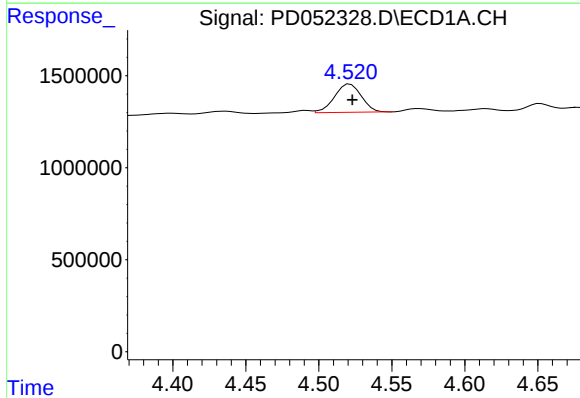
R.T.: 4.042 min
Delta R.T.: -0.001 min
Response: 1578290
Conc: 25.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



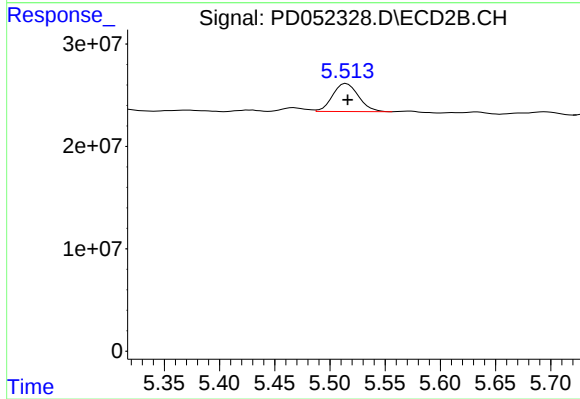
#23 Chlordane-1

R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 43397383
Conc: 28.29 ng/ml



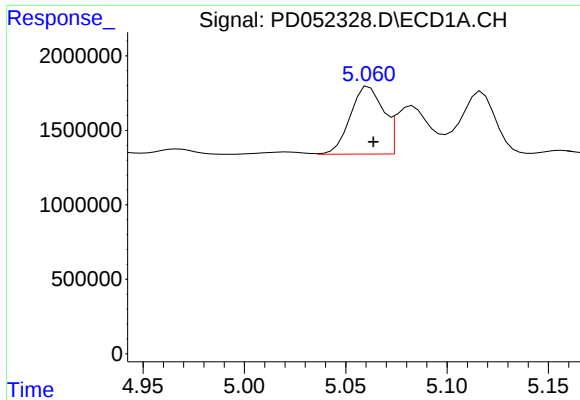
#24 Chlordane-2

R.T.: 4.521 min
Delta R.T.: -0.001 min
Response: 1973588
Conc: 26.52 ng/ml



#24 Chlordane-2

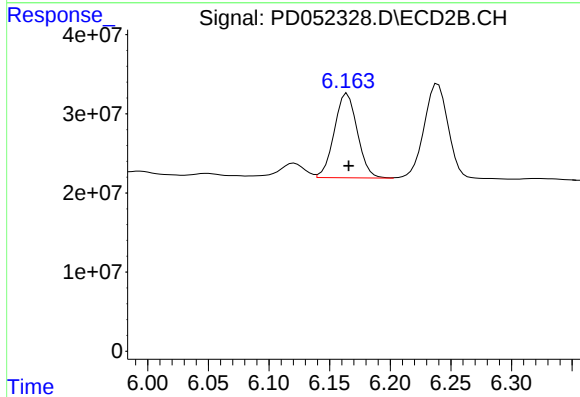
R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 44796007
Conc: 31.99 ng/ml



#25 Chlordane-3

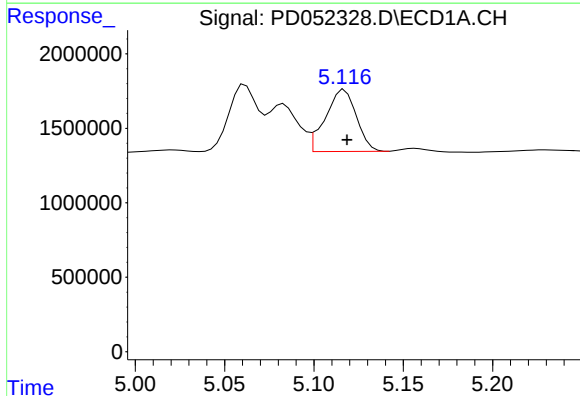
R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 5132236
Conc: 23.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



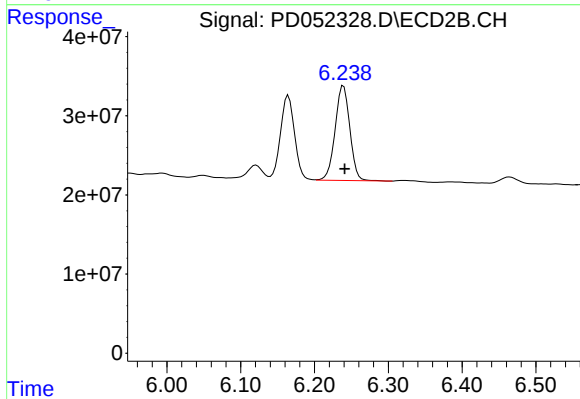
#25 Chlordane-3

R.T.: 6.165 min
Delta R.T.: -0.001 min
Response: 140589829
Conc: 31.86 ng/ml



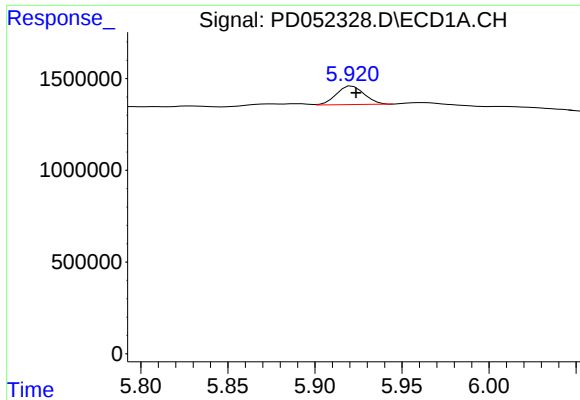
#26 Chlordane-4

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 5006703
Conc: 23.61 ng/ml



#26 Chlordane-4

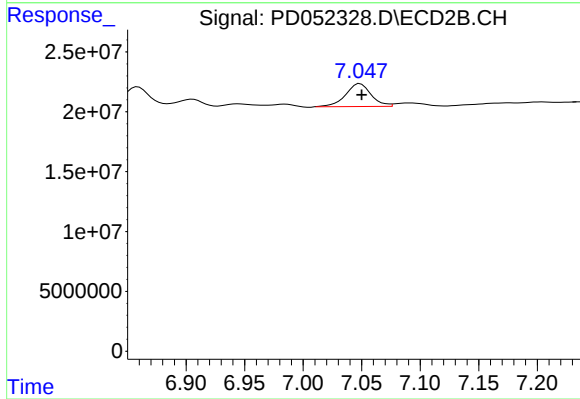
R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 165894094
Conc: 32.62 ng/ml



#27 Chlordane-5

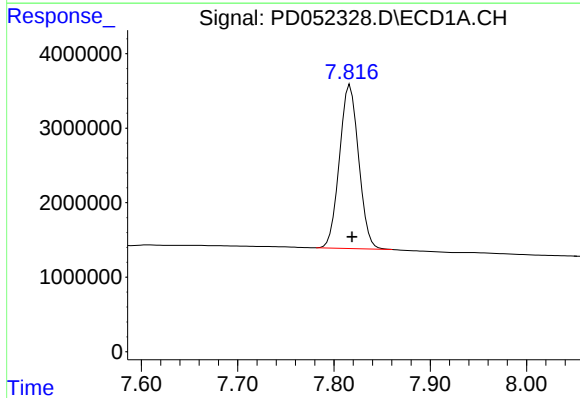
R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 1120162
Conc: 17.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



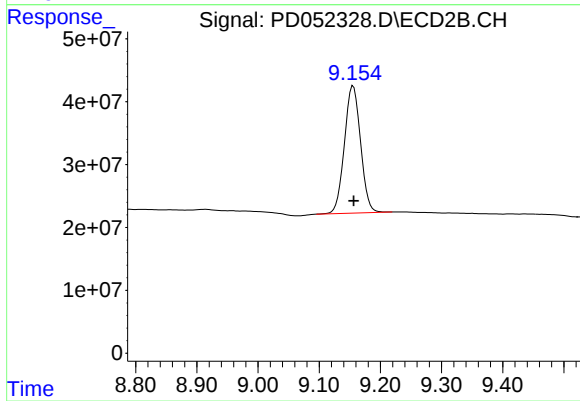
#27 Chlordane-5

R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 29073606
Conc: 31.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.817 min
Delta R.T.: -0.002 min
Response: 30347823
Conc: 22.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.156 min
Delta R.T.: 0.000 min
Response: 372005573
Conc: 23.92 ng/ml