

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032622\
 Data File : PD068780.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2022 18:34
 Operator : AR\AJ
 Sample : N2077-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 00:06:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
 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...	3.448	4.176	19611308	171.1E6	16.152	17.900
2)	SA Decachlor...	8.209	9.373	21511468	106.3E6	17.027	18.751
Target Compounds							
2)	A alpha-BHC	0.000	4.587f	0	186294	N.D.	0.014 #
3)	MA gamma-BHC...	4.179	4.885f	1075410	92932	0.644	0.007 #
5)	MB Aldrin	4.712	5.704	2990025	271605	1.871	0.024 #
7)	B delta-BHC	4.624	5.232f	243125	28046506	0.149	2.332 #
8)	B Heptachlo...	0.000	6.111f	0	671840	N.D.	0.064 #
9)	A Endosulfan I	0.000	6.461	0	1849896	N.D.	0.197 #
10)	B gamma-Chl...	5.411f	6.303f	2945848	14990855	1.942	1.454 #
11)	B alpha-Chl...	5.451	6.378f	908746	2931761	0.608	0.294 #
12)	B 4,4'-DDE	5.600	0.000	118613	0	0.087	N.D. #
13)	MA Dieldrin	0.000	6.707	0	455202	N.D.	0.047 #
14)	MA Endrin	6.013	0.000	298898	0	0.227	N.D. #
16)	A 4,4'-DDD	6.135	7.044	252079	1204203	0.214	0.163
18)	B Endrin al...	6.416f	0.000	396052	0	0.399	N.D. #
21)	B Endrin ke...	0.000	7.971	0	1237374	N.D.	0.160 #
23)	Chlordane-1	4.307	0.000	732335	0	17.257	N.D. #
24)	Chlordane-2	4.798f	5.673	241644	1538125	4.815	4.023
25)	Chlordane-3	5.411f	6.303f	2945848	14990855	21.127	11.157 #
26)	Chlordane-4	5.451	6.378f	908746	2931761	7.678	1.886 #

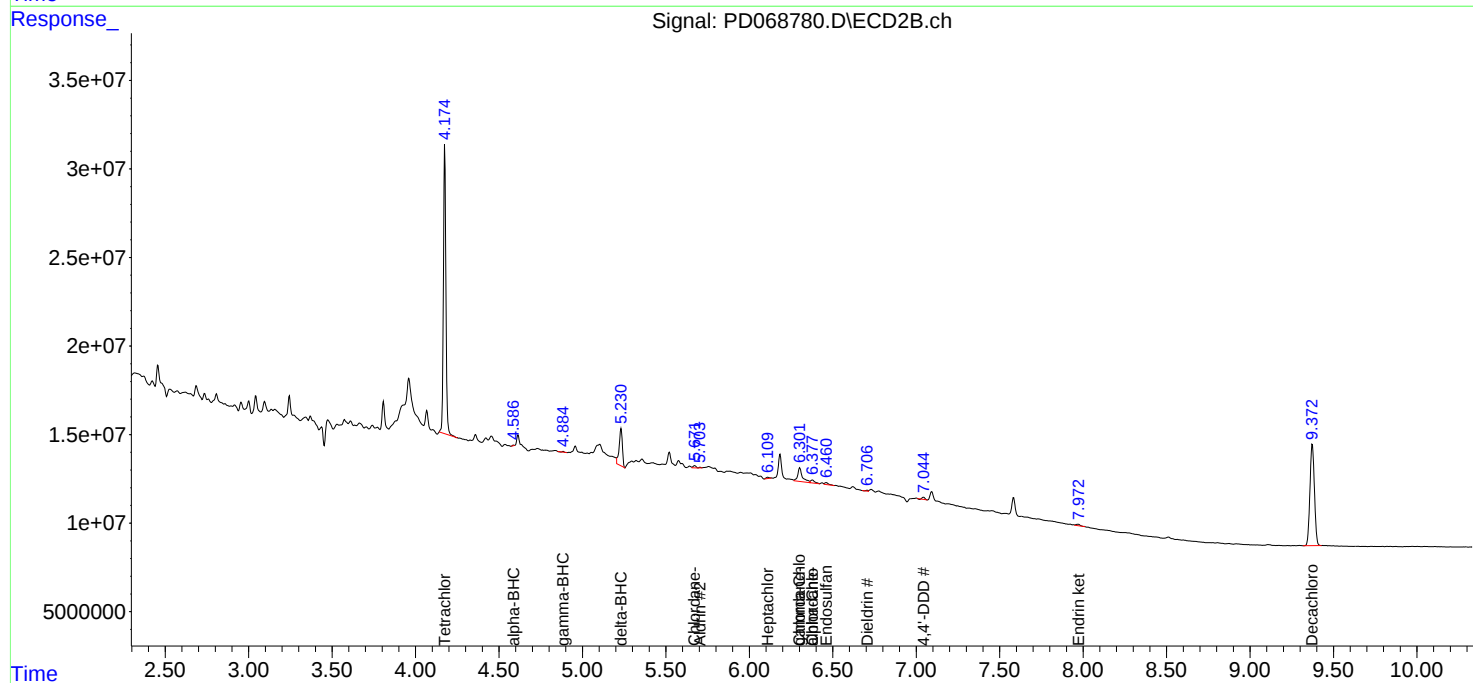
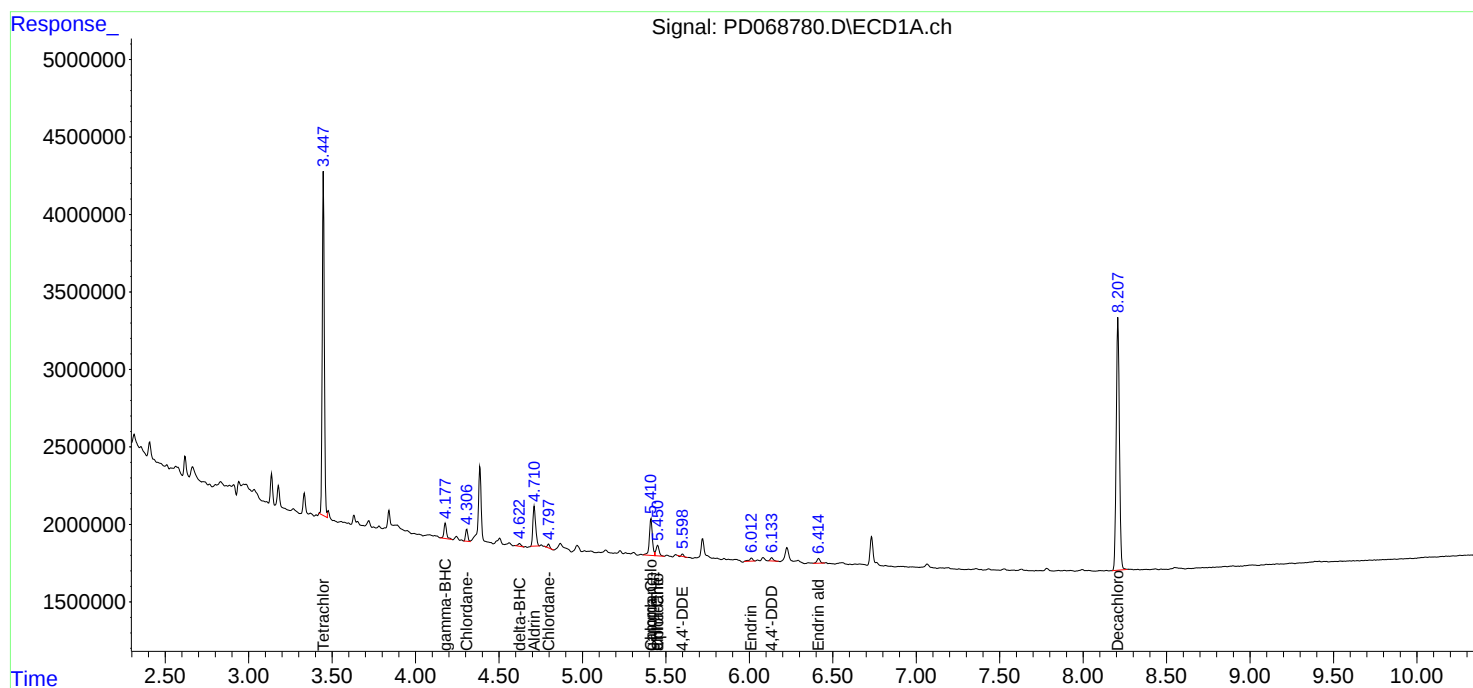
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

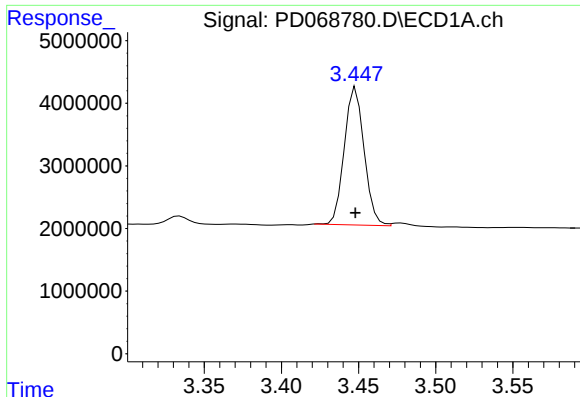
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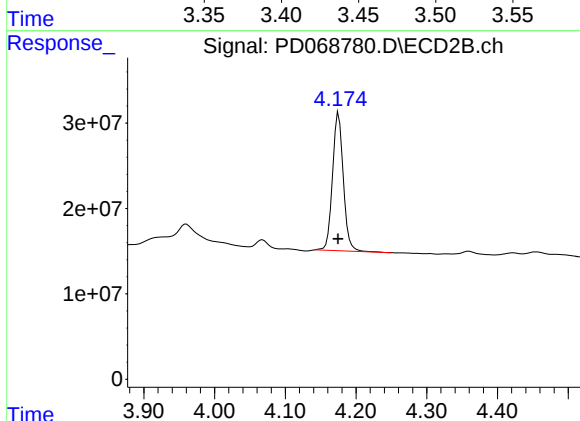




#1 Tetrachloro-m-xylene

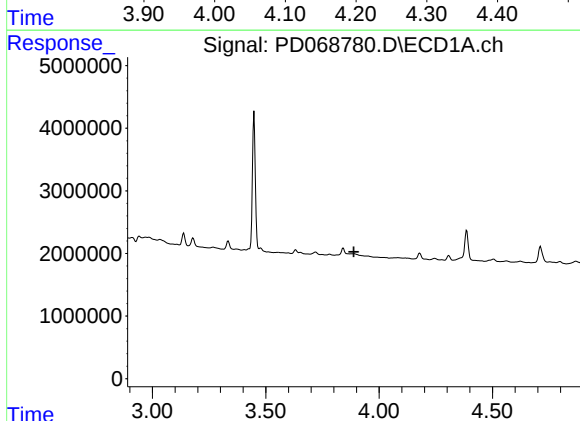
R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 19611308
Conc: 16.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



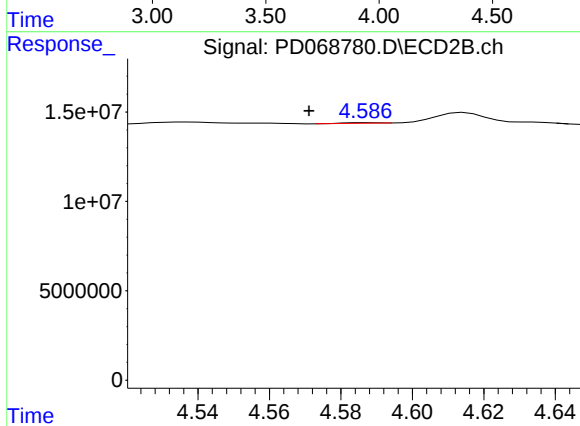
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 171133777
Conc: 17.90 ng/ml



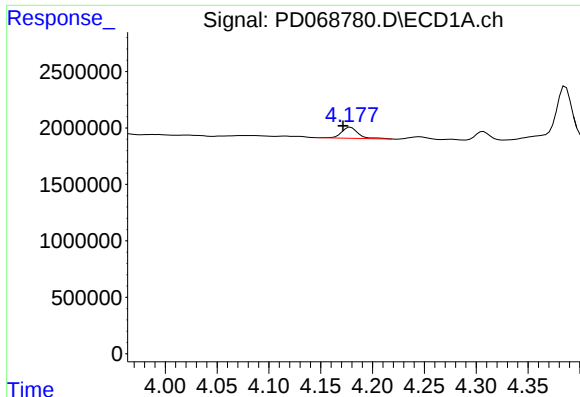
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.888 min
Response: 0
Conc: N.D.



#2 alpha-BHC

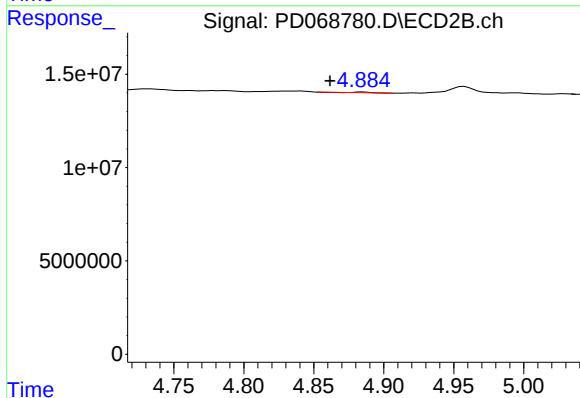
R.T.: 4.587 min
Delta R.T.: 0.016 min
Response: 186294
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

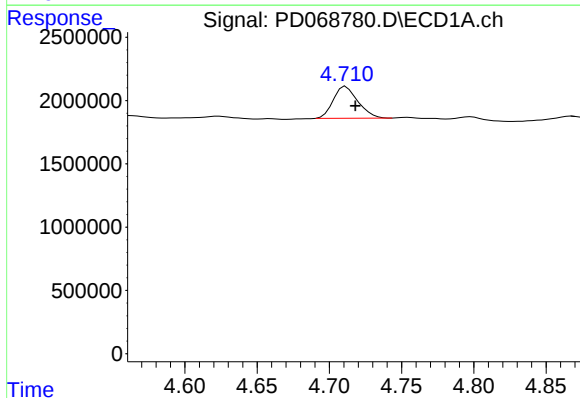
R.T.: 4.179 min
Delta R.T.: 0.007 min
Response: 1075410
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



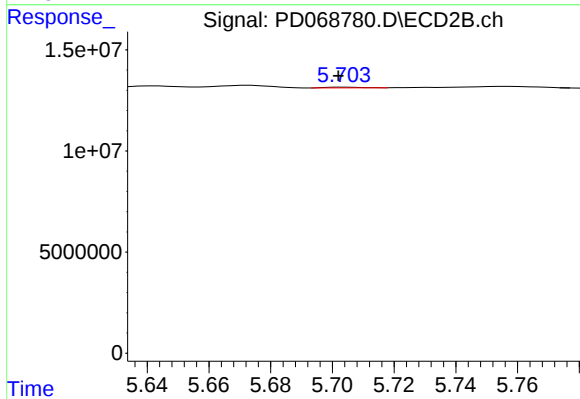
#3 gamma-BHC (Lindane)

R.T.: 4.885 min
Delta R.T.: 0.023 min
Response: 92932
Conc: 0.01 ng/ml



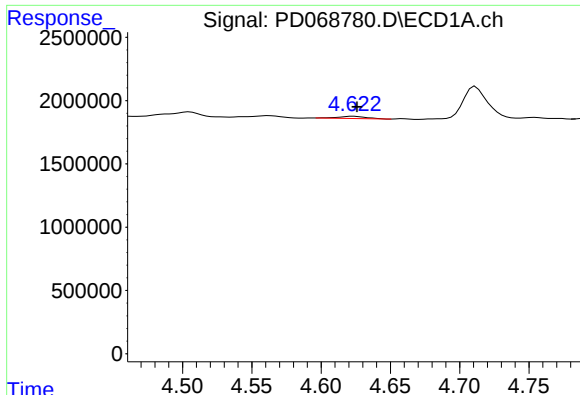
#5 Aldrin

R.T.: 4.712 min
Delta R.T.: -0.006 min
Response: 2990025
Conc: 1.87 ng/ml



#5 Aldrin

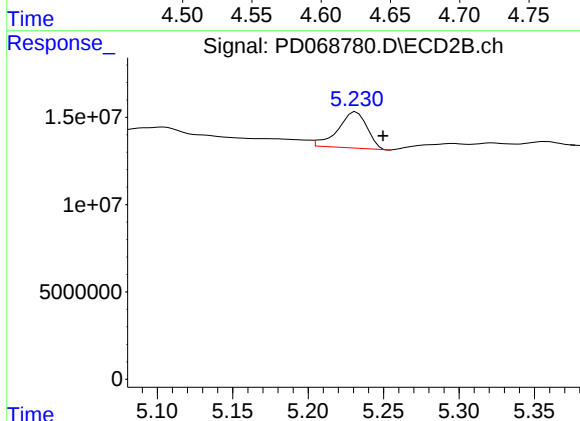
R.T.: 5.704 min
Delta R.T.: 0.002 min
Response: 271605
Conc: 0.02 ng/ml



#7 delta-BHC

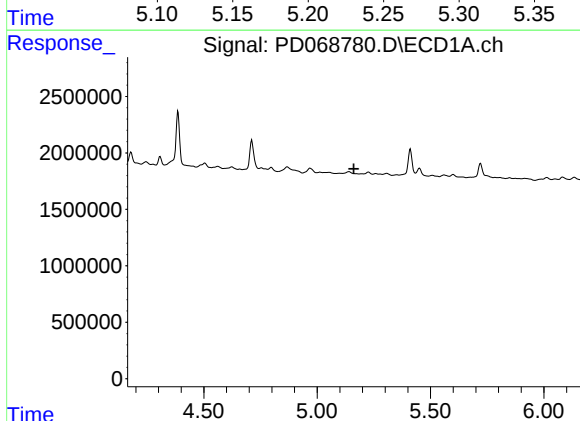
R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 243125
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



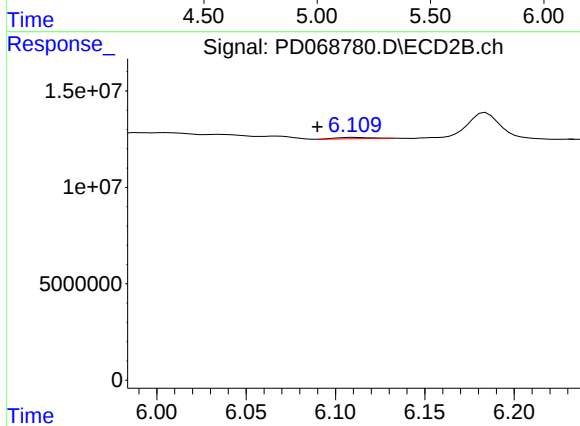
#7 delta-BHC

R.T.: 5.232 min
Delta R.T.: -0.018 min
Response: 28046506
Conc: 2.33 ng/ml



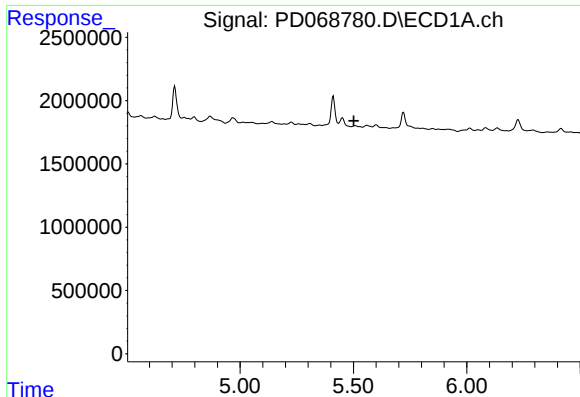
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.162 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

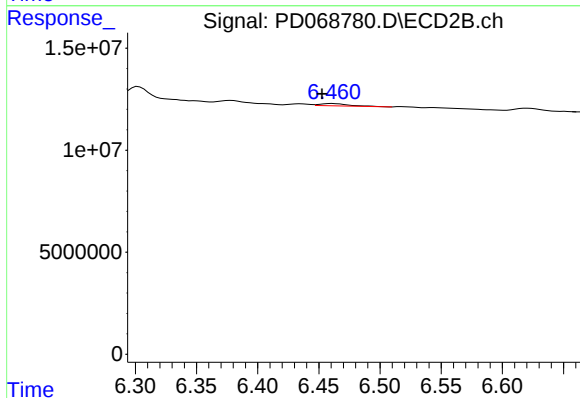
R.T.: 6.111 min
Delta R.T.: 0.021 min
Response: 671840
Conc: 0.06 ng/ml



#9 Endosulfan I

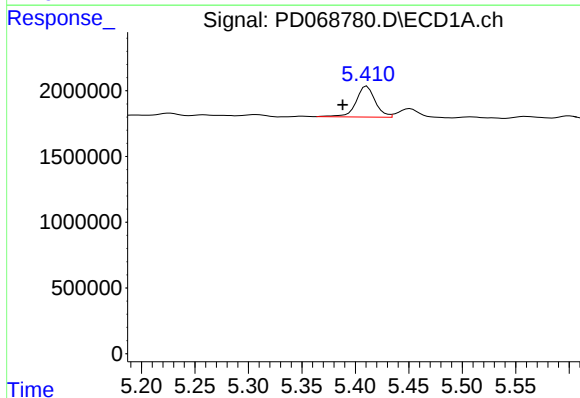
R.T.: 0.000 min
Exp R.T.: 5.501 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



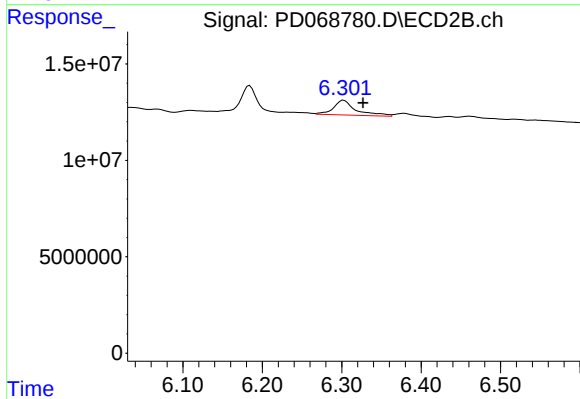
#9 Endosulfan I

R.T.: 6.461 min
Delta R.T.: 0.008 min
Response: 1849896
Conc: 0.20 ng/ml



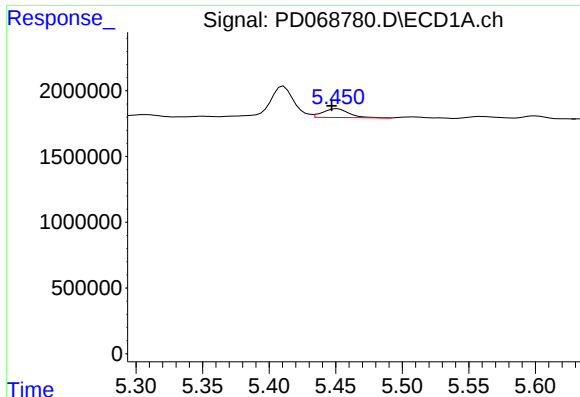
#10 gamma-Chlordane

R.T.: 5.411 min
Delta R.T.: 0.023 min
Response: 2945848
Conc: 1.94 ng/ml



#10 gamma-Chlordane

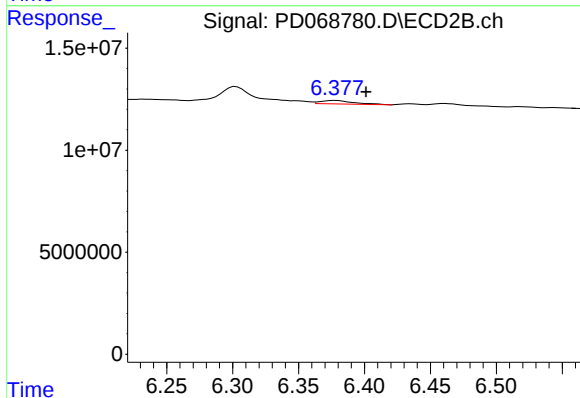
R.T.: 6.303 min
Delta R.T.: -0.024 min
Response: 14990855
Conc: 1.45 ng/ml



#11 alpha-Chlordane

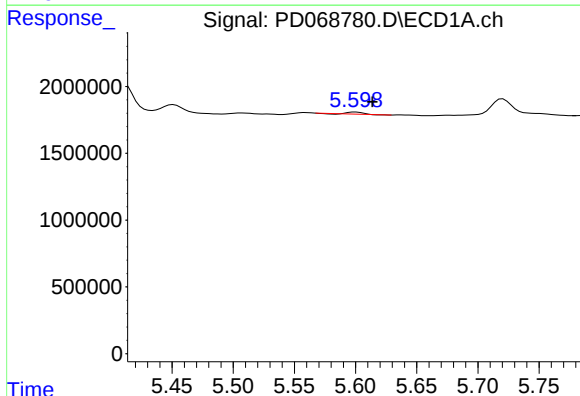
R.T.: 5.451 min
Delta R.T.: 0.004 min
Response: 908746
Conc: 0.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



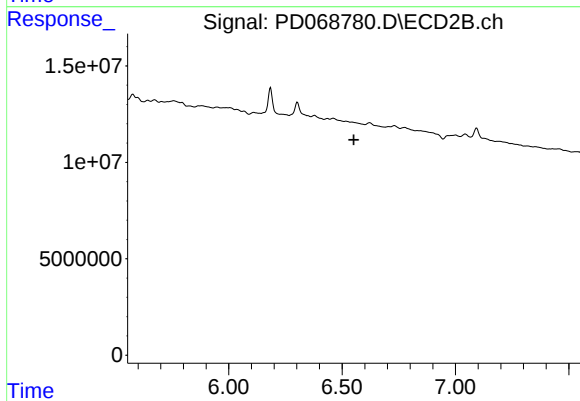
#11 alpha-Chlordane

R.T.: 6.378 min
Delta R.T.: -0.023 min
Response: 2931761
Conc: 0.29 ng/ml



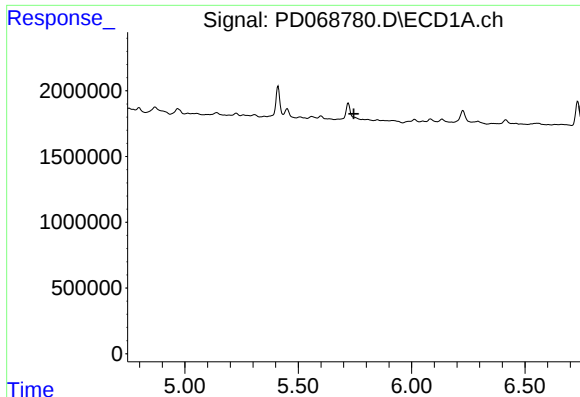
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: -0.014 min
Response: 118613
Conc: 0.09 ng/ml



#12 4,4'-DDE

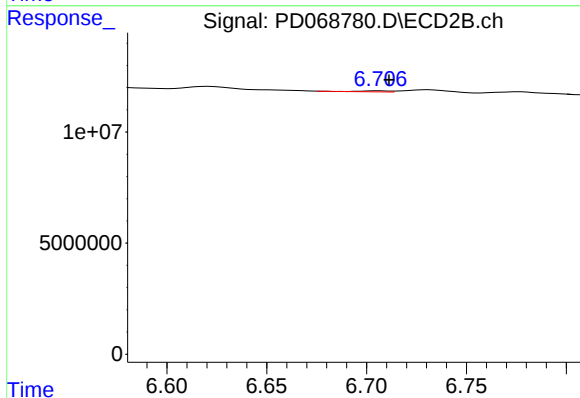
R.T.: 0.000 min
Exp R.T.: 6.551 min
Response: 0
Conc: N.D.



#13 Dieldrin

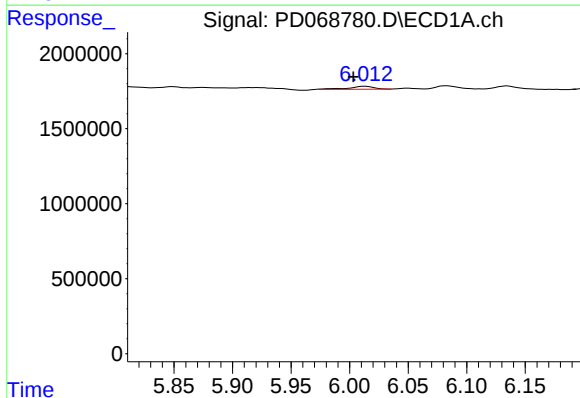
R.T.: 0.000 min
Exp R.T.: 5.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



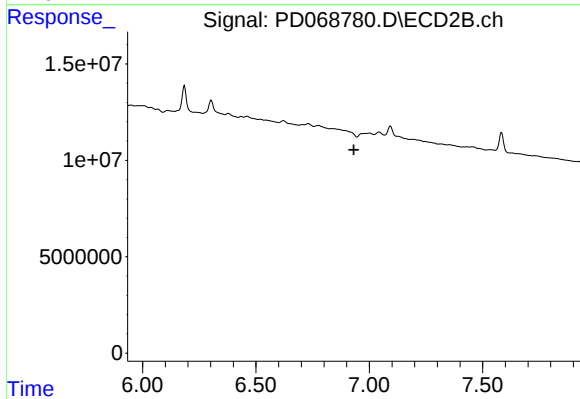
#13 Dieldrin

R.T.: 6.707 min
Delta R.T.: -0.005 min
Response: 455202
Conc: 0.05 ng/ml



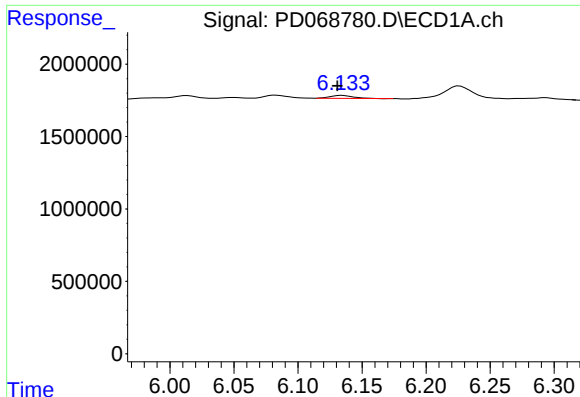
#14 Endrin

R.T.: 6.013 min
Delta R.T.: 0.010 min
Response: 298898
Conc: 0.23 ng/ml



#14 Endrin

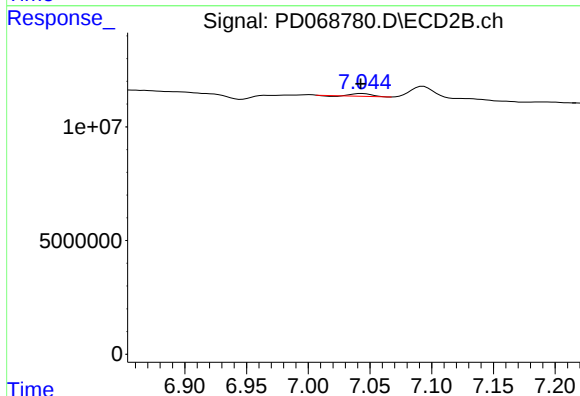
R.T.: 0.000 min
Exp R.T.: 6.932 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

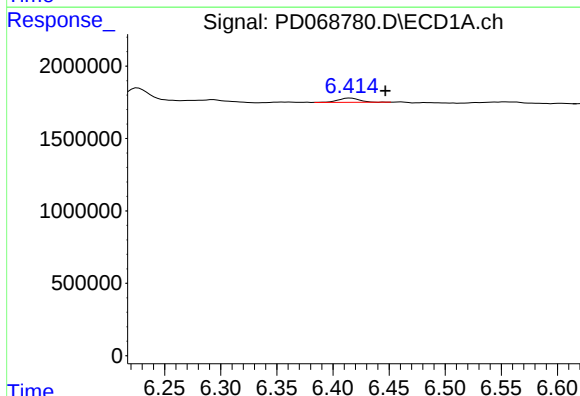
R.T.: 6.135 min
Delta R.T.: 0.004 min
Response: 252079
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



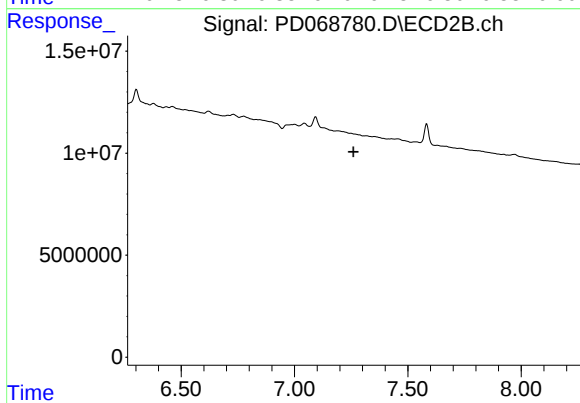
#16 4,4'-DDD

R.T.: 7.044 min
Delta R.T.: 0.001 min
Response: 1204203
Conc: 0.16 ng/ml



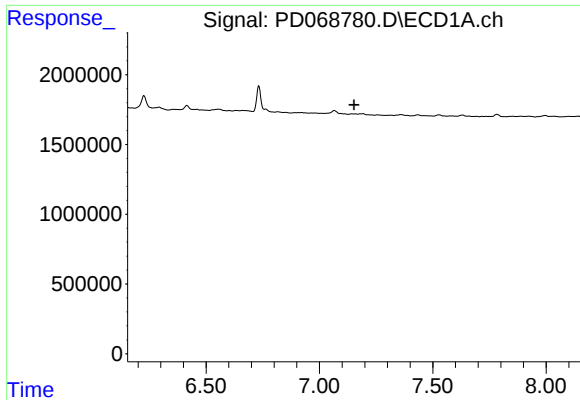
#18 Endrin aldehyde

R.T.: 6.416 min
Delta R.T.: -0.031 min
Response: 396052
Conc: 0.40 ng/ml



#18 Endrin aldehyde

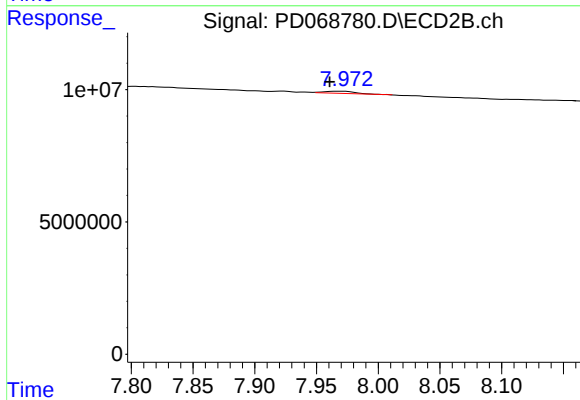
R.T.: 0.000 min
Exp R.T. : 7.261 min
Response: 0
Conc: N.D.



#21 Endrin ketone

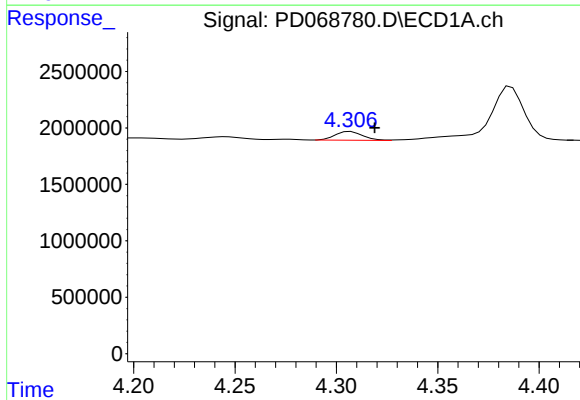
R.T.: 0.000 min
Exp R.T.: 7.153 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



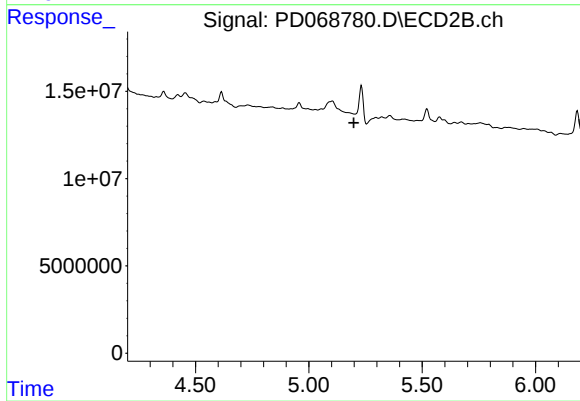
#21 Endrin ketone

R.T.: 7.971 min
Delta R.T.: 0.010 min
Response: 1237374
Conc: 0.16 ng/ml



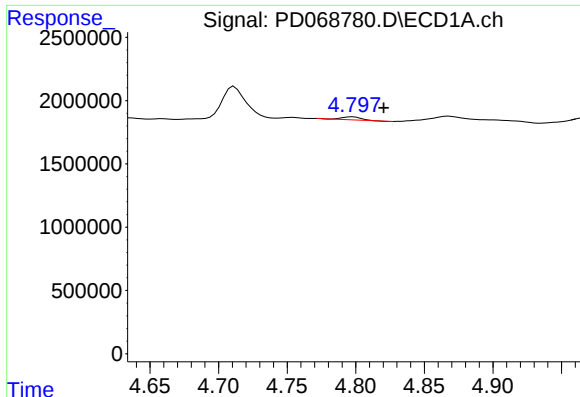
#23 Chlordane-1

R.T.: 4.307 min
Delta R.T.: -0.012 min
Response: 732335
Conc: 17.26 ng/ml



#23 Chlordane-1

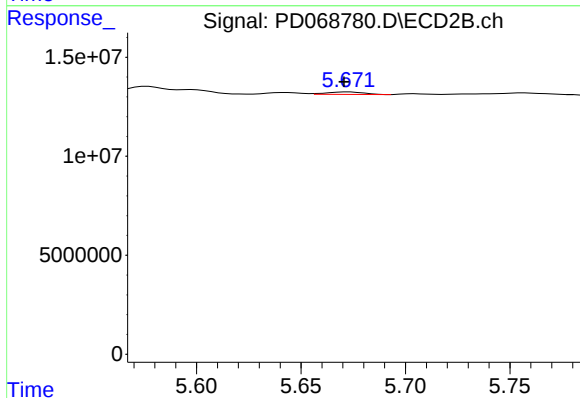
R.T.: 0.000 min
Exp R.T.: 5.198 min
Response: 0
Conc: N.D.



#24 Chlordane-2

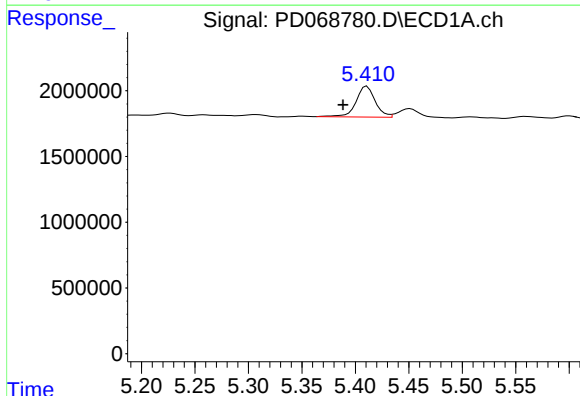
R.T.: 4.798 min
Delta R.T.: -0.023 min
Response: 241644
Conc: 4.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



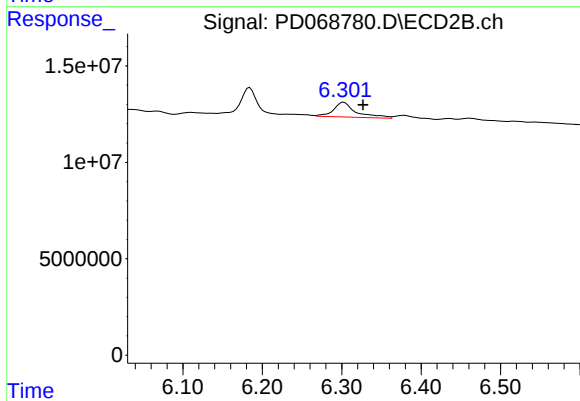
#24 Chlordane-2

R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 1538125
Conc: 4.02 ng/ml



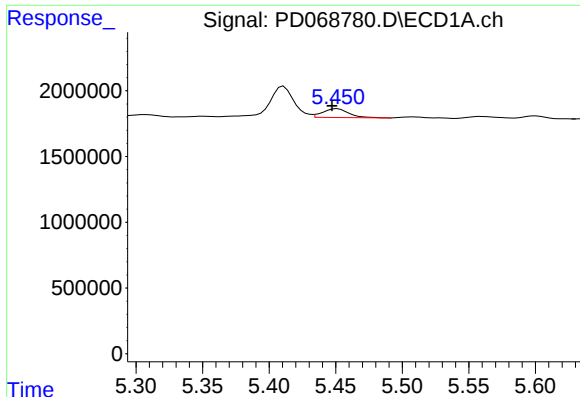
#25 Chlordane-3

R.T.: 5.411 min
Delta R.T.: 0.022 min
Response: 2945848
Conc: 21.13 ng/ml



#25 Chlordane-3

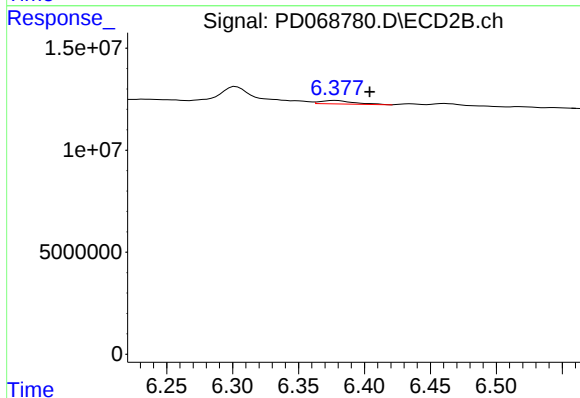
R.T.: 6.303 min
Delta R.T.: -0.024 min
Response: 14990855
Conc: 11.16 ng/ml



#26 Chlordane-4

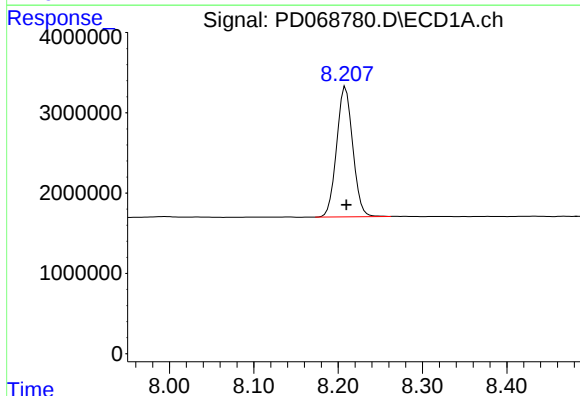
R.T.: 5.451 min
Delta R.T.: 0.004 min
Response: 908746
Conc: 7.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



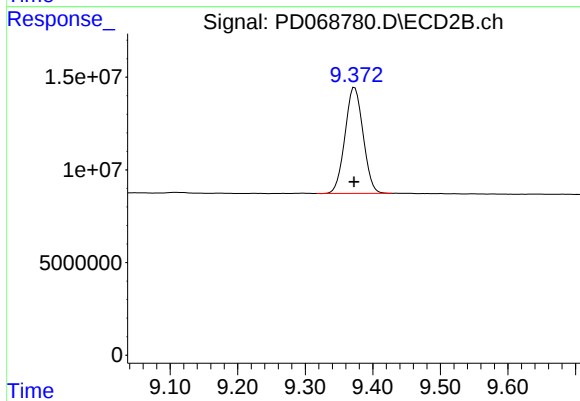
#26 Chlordane-4

R.T.: 6.378 min
Delta R.T.: -0.026 min
Response: 2931761
Conc: 1.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 21511468
Conc: 17.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 106254806
Conc: 18.75 ng/ml