

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
 Data File : PD078614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 16:36
 Operator : AR\AJ
 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: Oct 03 21:24:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.541	2.758	52383749	37070155	18.146	18.151
28)	SA Decachlor...	9.081	7.895	69816169	41831703	18.826	18.435
Target Compounds							
2)	A alpha-BHC	3.997	3.259	42882072	26079025	8.830	8.700
3)	MA gamma-BHC...	4.330	3.589	41377493	23948239	8.845	8.266
4)	MA Heptachlor	0.000	3.934	0	115643	N.D.	0.039 #
5)	MB Aldrin	0.000	4.220	0	470676	N.D.	0.159 #
6)	B beta-BHC	4.528	3.886	18740581	11508648	10.090	9.958
7)	B delta-BHC	4.763	0.000	327177	0	0.073	N.D. #
8)	B Heptachlo...	5.686	0.000	570922	0	0.136	N.D. #
9)	A Endosulfan I	6.095f	5.064	137156	180185	0.035	0.072 #
10)	B gamma-Chl...	5.920f	4.967	888428	578224	0.212	0.215
11)	B alpha-Chl...	6.008f	5.050f	140454	648529	0.033	0.242 #
12)	B 4,4'-DDE	6.200	5.214	459649	729939	0.115	0.287 #
13)	MA Dieldrin	6.377f	5.369f	592562	33027	0.141	0.012 #
14)	MA Endrin	6.585	5.619	147.4E6	107.0E6	43.892	43.256
15)	B Endosulfa...	6.819f	5.928f	1114955	537068	0.310	0.226 #
16)	A 4,4'-DDD	6.719	5.767	4981427	3394369	1.674	1.715
17)	MA 4,4'-DDT	7.034	6.018	300.4E6	206.5E6	101.524	101.457
18)	B Endrin al...	6.935	6.094	3669190	3615637	1.373	1.950 #
20)	A Methoxychlor	7.510	6.593	398.5E6	265.8E6	238.776	243.660
21)	B Endrin ke...	7.657	6.822	8342188	7127377	2.322	2.716
24)	Chlordane-2	0.000	4.303f	0	480873	N.D.	6.210 #
25)	Chlordane-3	5.920f	4.967	888428	578224	1.519	2.244 #
26)	Chlordane-4	6.008f	5.050f	140454	648529	0.199	2.582 #
27)	Chlordane-5	0.000	5.928	0	537068	N.D.	6.250 #

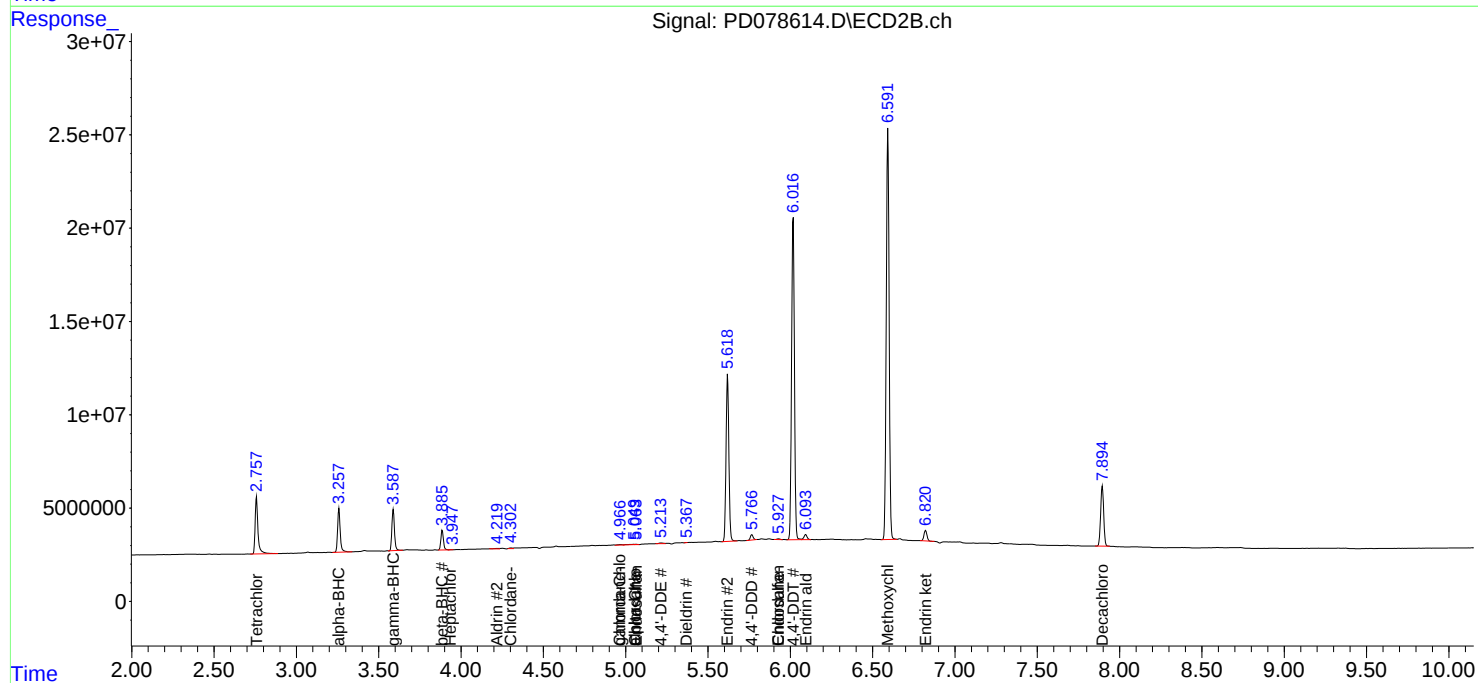
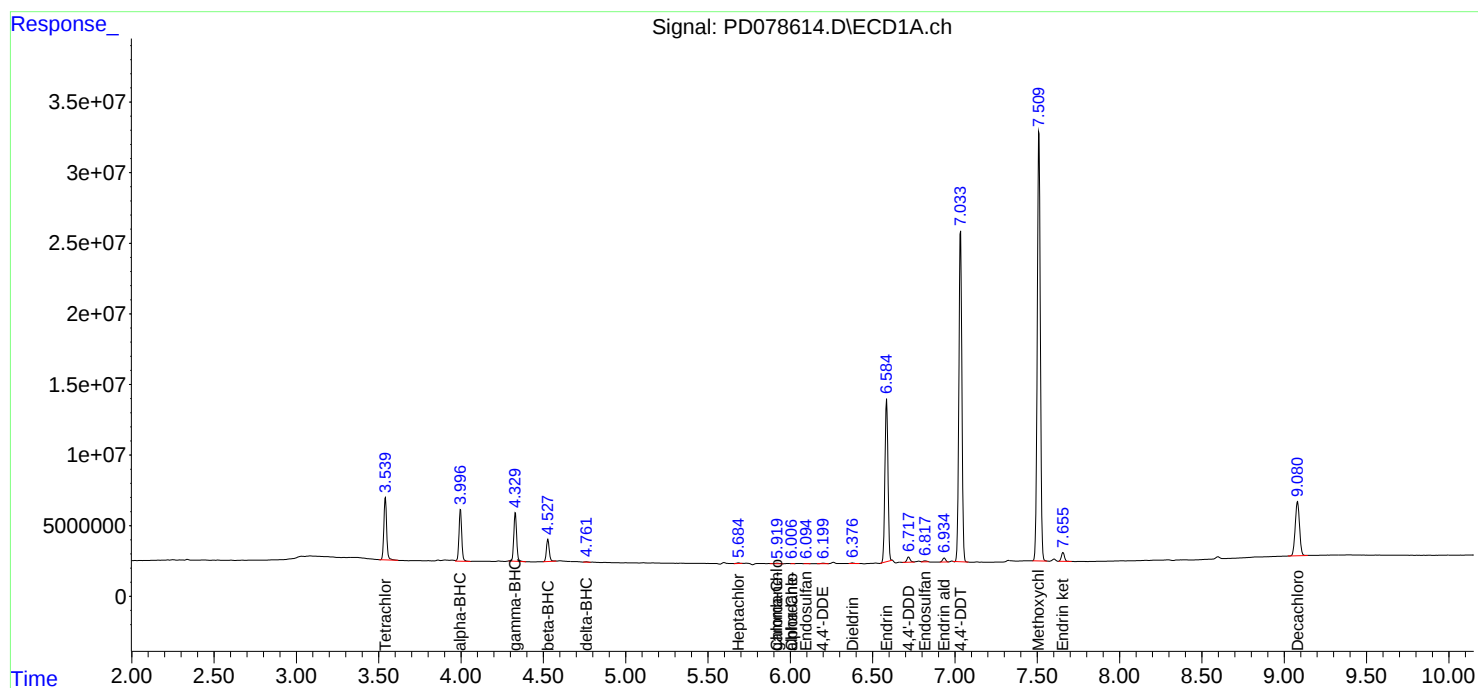
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

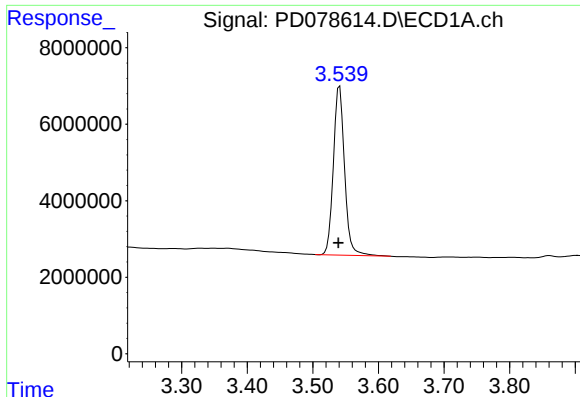
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
Data File : PD078614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 16:36
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 21:24:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
Quant Title : GC Extractables
QLast Update : Tue Oct 03 01:10:04 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

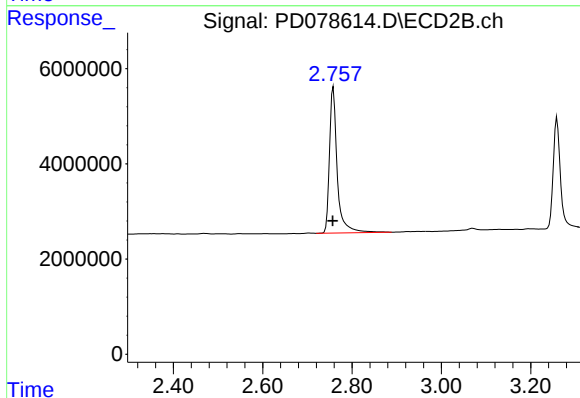




#1 Tetrachloro-m-xylene

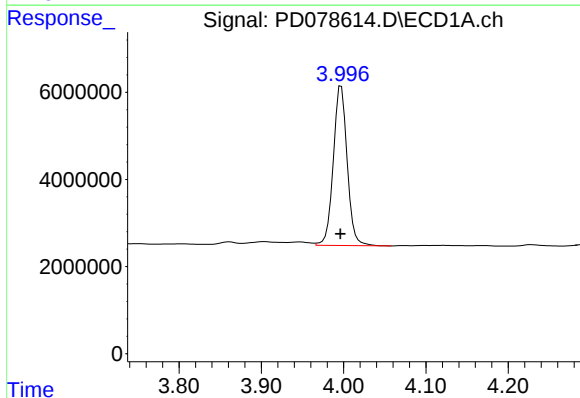
R.T.: 3.541 min
Delta R.T.: 0.002 min
Response: 52383749
Conc: 18.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



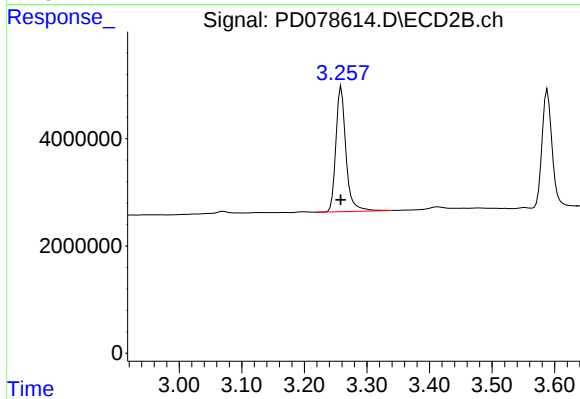
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.001 min
Response: 37070155
Conc: 18.15 ng/ml



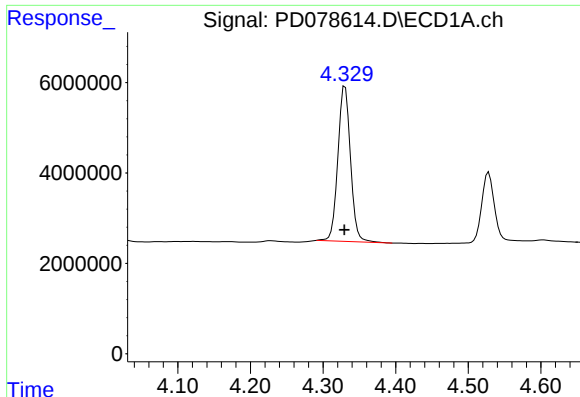
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.001 min
Response: 42882072
Conc: 8.83 ng/ml



#2 alpha-BHC

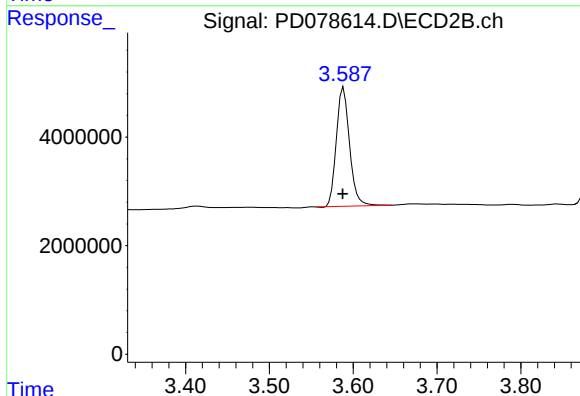
R.T.: 3.259 min
Delta R.T.: 0.000 min
Response: 26079025
Conc: 8.70 ng/ml



#3 gamma-BHC (Lindane)

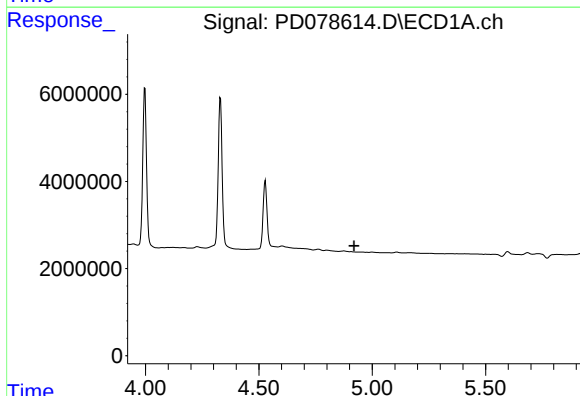
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 41377493
Conc: 8.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



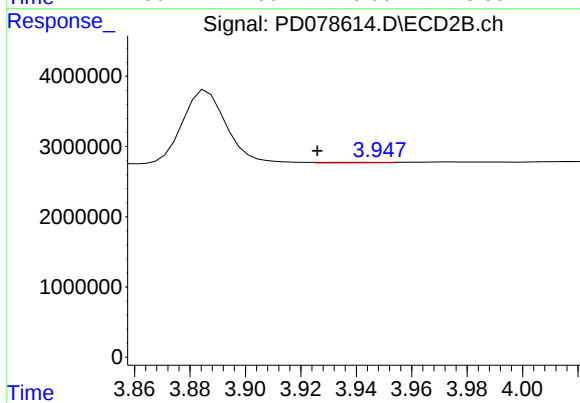
#3 gamma-BHC (Lindane)

R.T.: 3.589 min
Delta R.T.: 0.001 min
Response: 23948239
Conc: 8.27 ng/ml



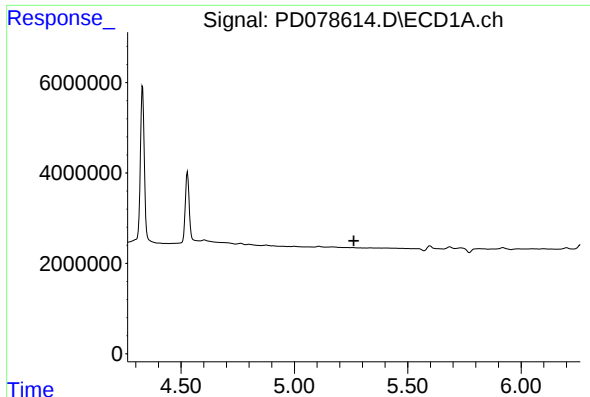
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.920 min
Response: 0
Conc: N.D.



#4 Heptachlor

R.T.: 3.934 min
Delta R.T.: 0.008 min
Response: 115643
Conc: 0.04 ng/ml



#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.263 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM

#5 Aldrin

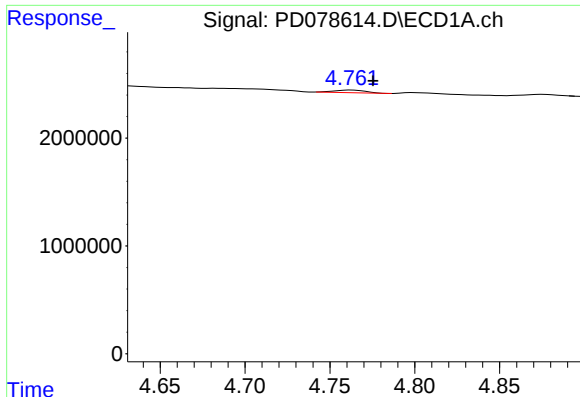
R.T.: 4.220 min
Delta R.T.: 0.014 min
Response: 470676
Conc: 0.16 ng/ml

#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.001 min
Response: 18740581
Conc: 10.09 ng/ml

#6 beta-BHC

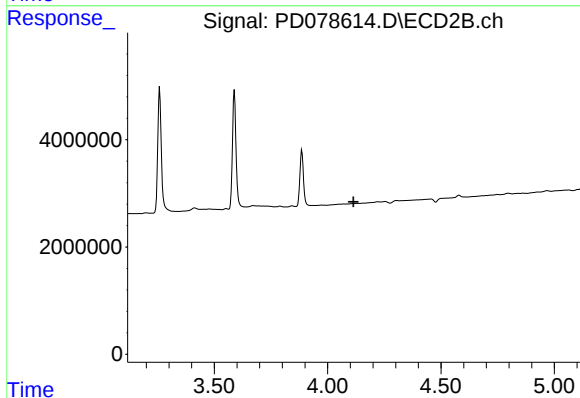
R.T.: 3.886 min
Delta R.T.: 0.001 min
Response: 11508648
Conc: 9.96 ng/ml



#7 delta-BHC

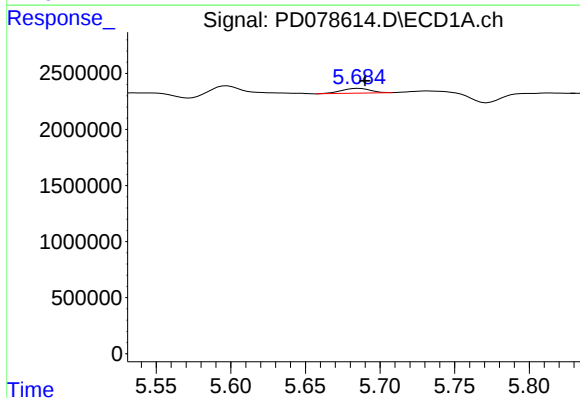
R.T.: 4.763 min
Delta R.T.: -0.013 min
Response: 327177
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



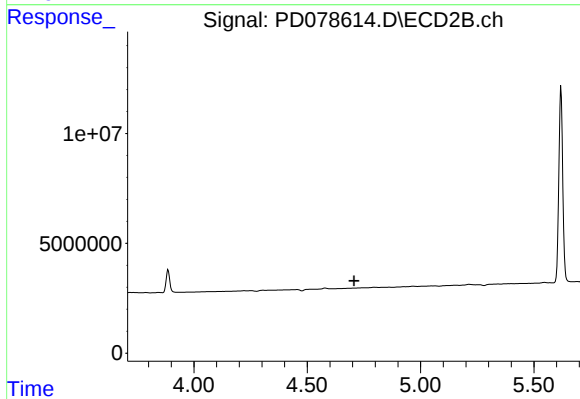
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.114 min
Response: 0
Conc: N.D.



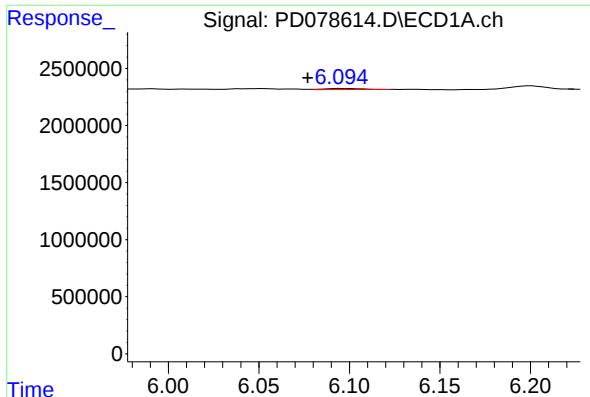
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.004 min
Response: 570922
Conc: 0.14 ng/ml



#8 Heptachlor epoxide

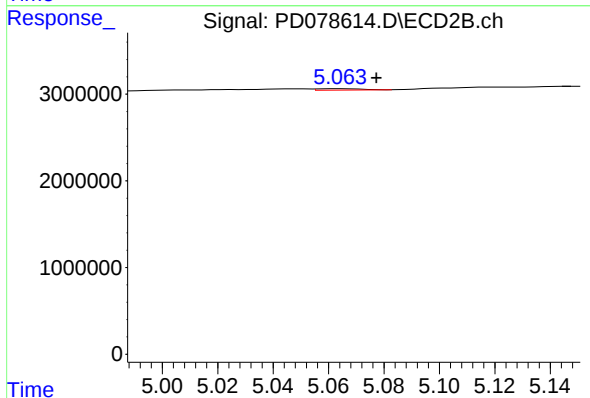
R.T.: 0.000 min
Exp R.T. : 4.707 min
Response: 0
Conc: N.D.



#9 Endosulfan I

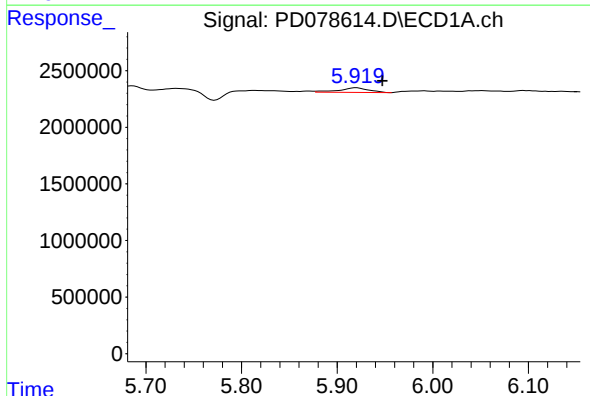
R.T.: 6.095 min
Delta R.T.: 0.018 min
Response: 137156
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



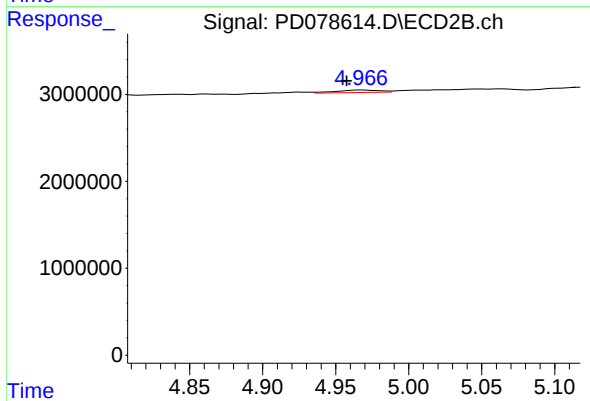
#9 Endosulfan I

R.T.: 5.064 min
Delta R.T.: -0.013 min
Response: 180185
Conc: 0.07 ng/ml



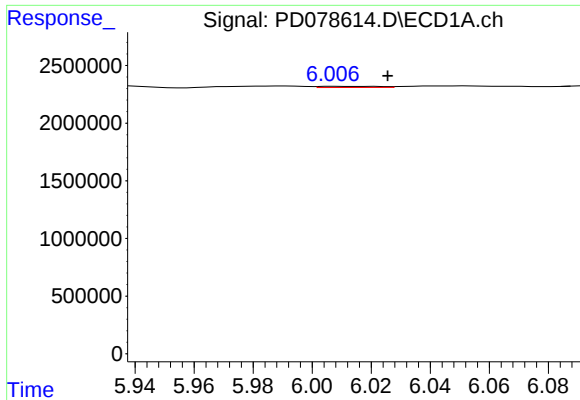
#10 gamma-Chlordane

R.T.: 5.920 min
Delta R.T.: -0.027 min
Response: 888428
Conc: 0.21 ng/ml



#10 gamma-Chlordane

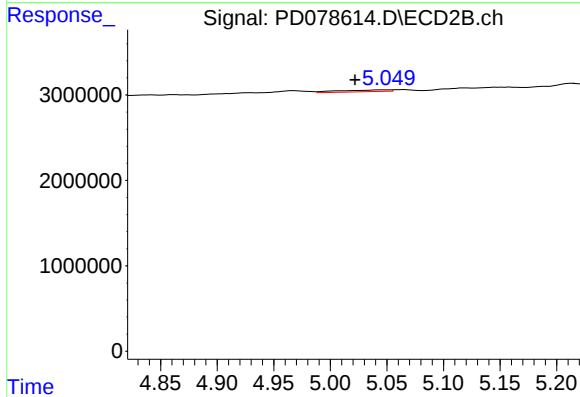
R.T.: 4.967 min
Delta R.T.: 0.010 min
Response: 578224
Conc: 0.22 ng/ml



#11 alpha-Chlordane

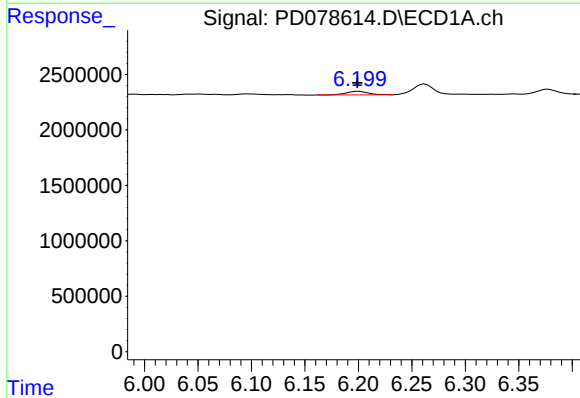
R.T.: 6.008 min
Delta R.T.: -0.018 min
Response: 140454
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



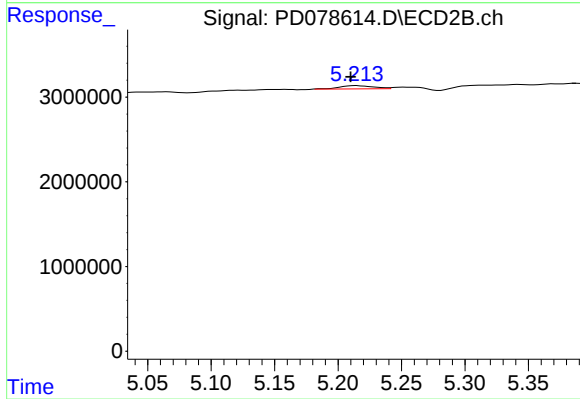
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.028 min
Response: 648529
Conc: 0.24 ng/ml



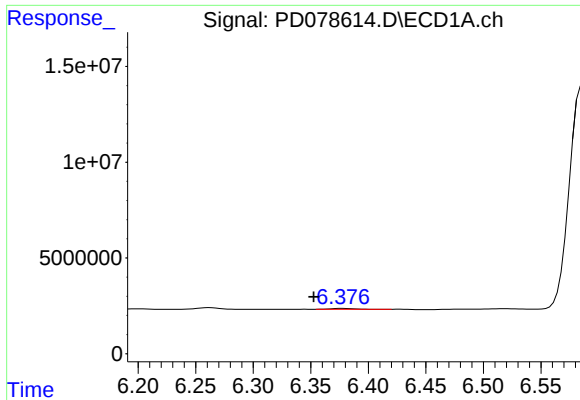
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.001 min
Response: 459649
Conc: 0.11 ng/ml



#12 4,4'-DDE

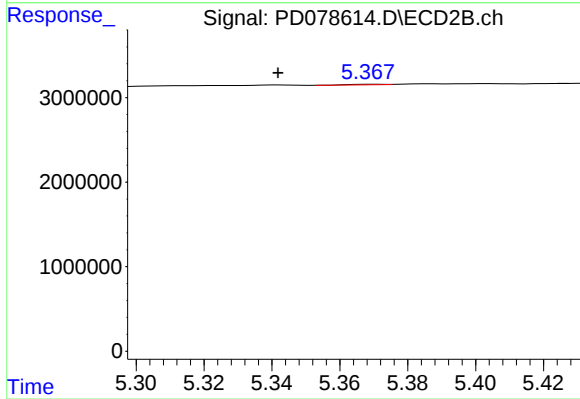
R.T.: 5.214 min
Delta R.T.: 0.004 min
Response: 729939
Conc: 0.29 ng/ml



#13 Dieldrin

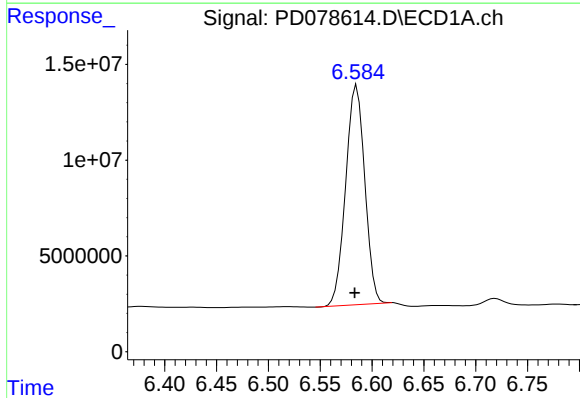
R.T.: 6.377 min
Delta R.T.: 0.025 min
Response: 592562
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



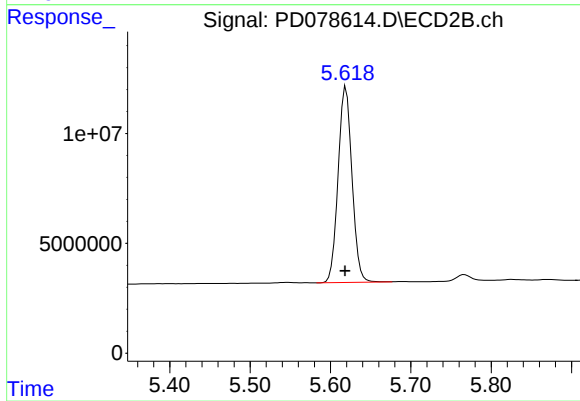
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: 0.028 min
Response: 33027
Conc: 0.01 ng/ml



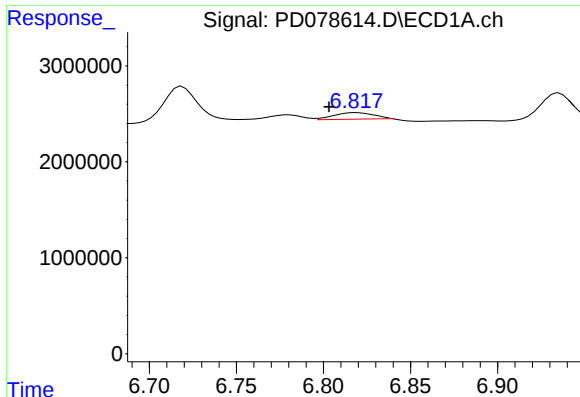
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 147404829
Conc: 43.89 ng/ml



#14 Endrin

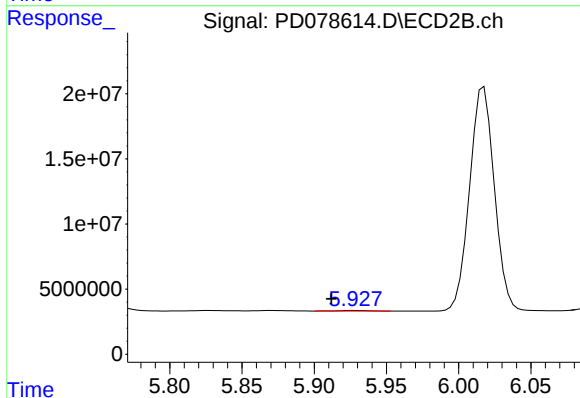
R.T.: 5.619 min
Delta R.T.: 0.001 min
Response: 107023827
Conc: 43.26 ng/ml



#15 Endosulfan II

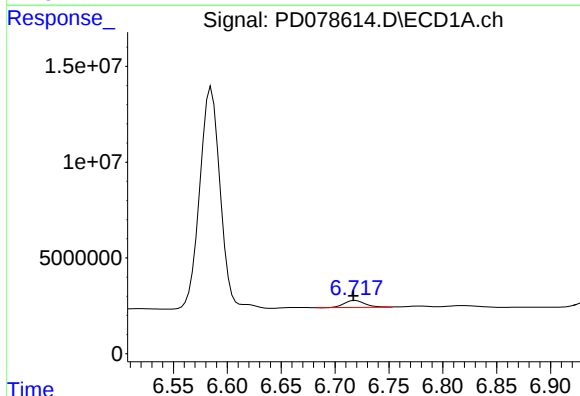
R.T.: 6.819 min
Delta R.T.: 0.015 min
Response: 1114955
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



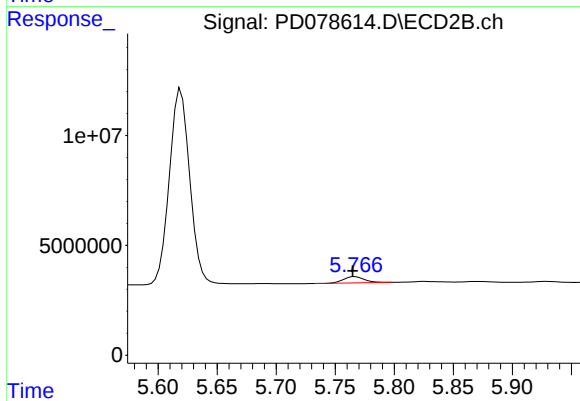
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.016 min
Response: 537068
Conc: 0.23 ng/ml



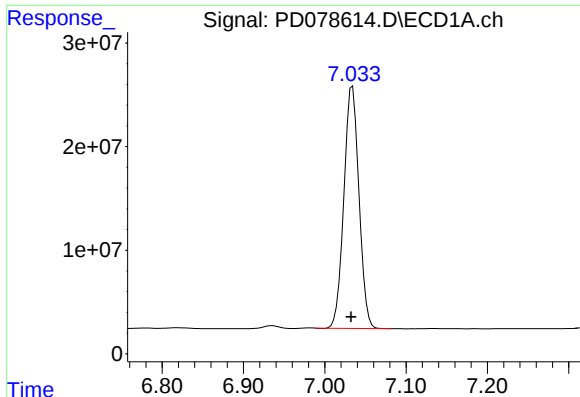
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.002 min
Response: 4981427
Conc: 1.67 ng/ml



#16 4,4'-DDD

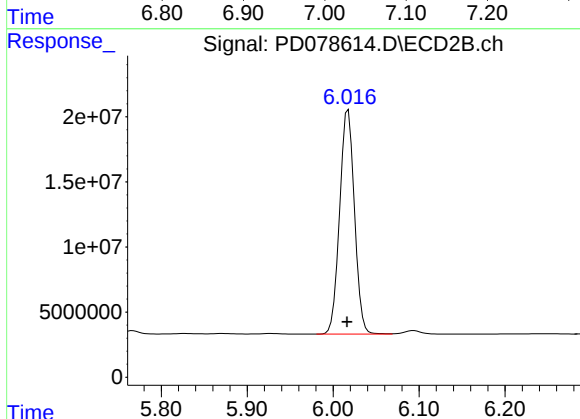
R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 3394369
Conc: 1.72 ng/ml



#17 4,4'-DDT

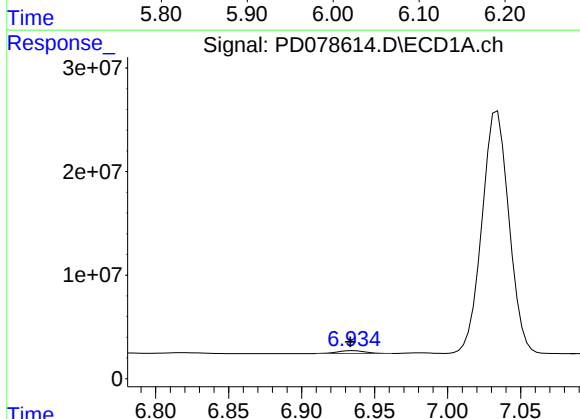
R.T.: 7.034 min
Delta R.T.: 0.002 min
Response: 300439373
Conc: 101.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



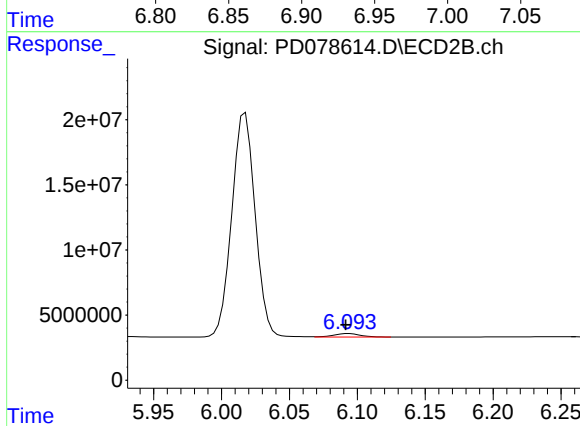
#17 4,4'-DDT

R.T.: 6.018 min
Delta R.T.: 0.001 min
Response: 206515087
Conc: 101.46 ng/ml



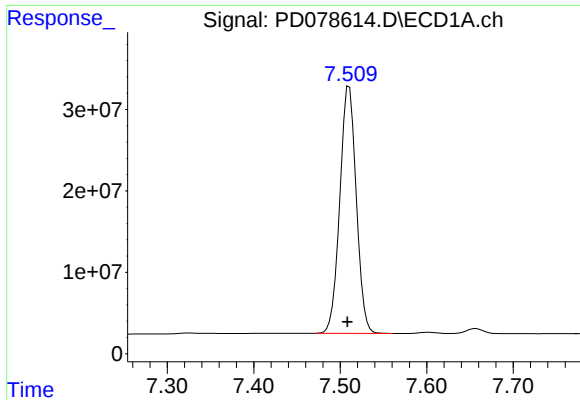
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.002 min
Response: 3669190
Conc: 1.37 ng/ml



#18 Endrin aldehyde

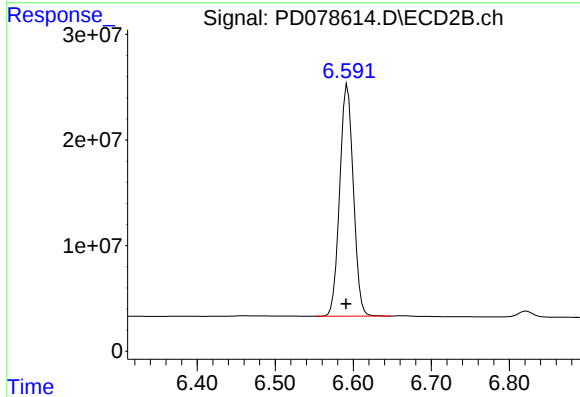
R.T.: 6.094 min
Delta R.T.: 0.002 min
Response: 3615637
Conc: 1.95 ng/ml



#20 Methoxychlor

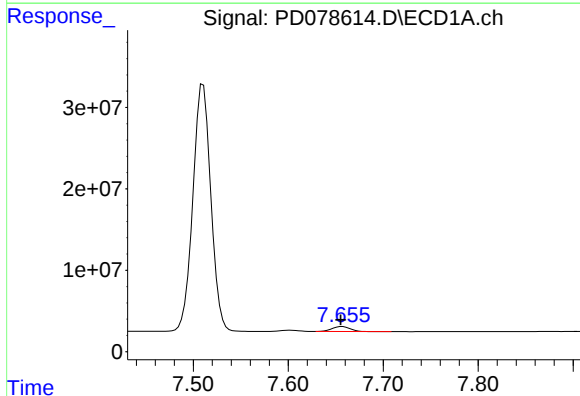
R.T.: 7.510 min
Delta R.T.: 0.002 min
Response: 398499858
Conc: 238.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



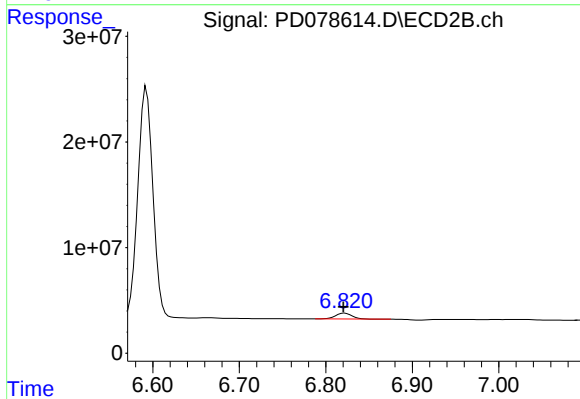
#20 Methoxychlor

R.T.: 6.593 min
Delta R.T.: 0.002 min
Response: 265840308
Conc: 243.66 ng/ml



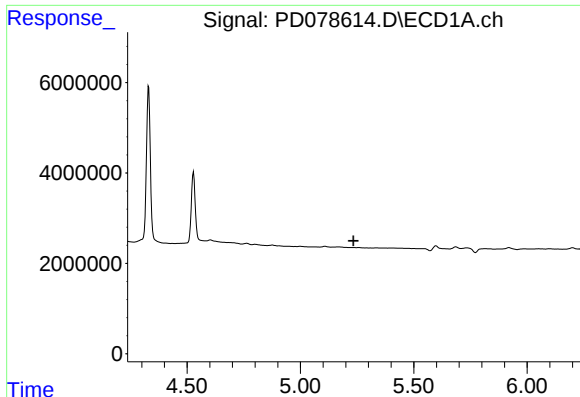
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: 0.002 min
Response: 8342188
Conc: 2.32 ng/ml



#21 Endrin ketone

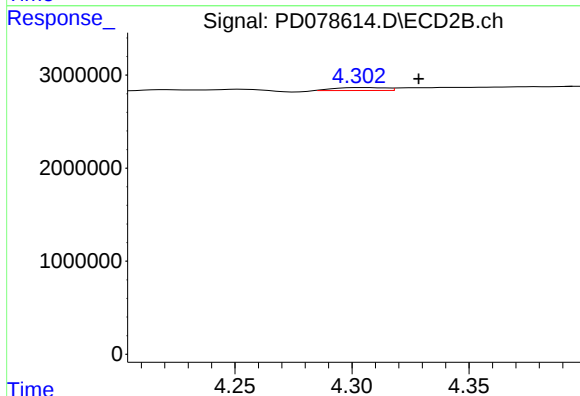
R.T.: 6.822 min
Delta R.T.: 0.002 min
Response: 7127377
Conc: 2.72 ng/ml



#24 Chlordane-2

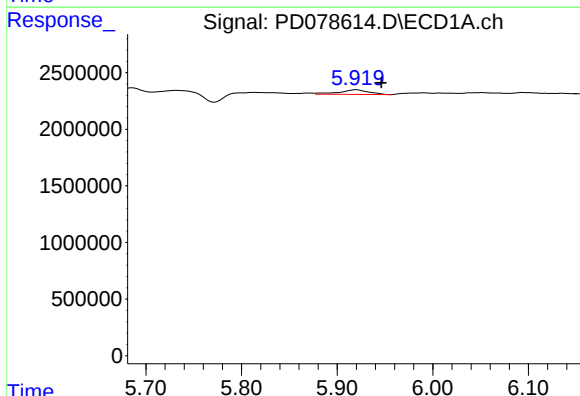
R.T.: 0.000 min
Exp R.T.: 5.235 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



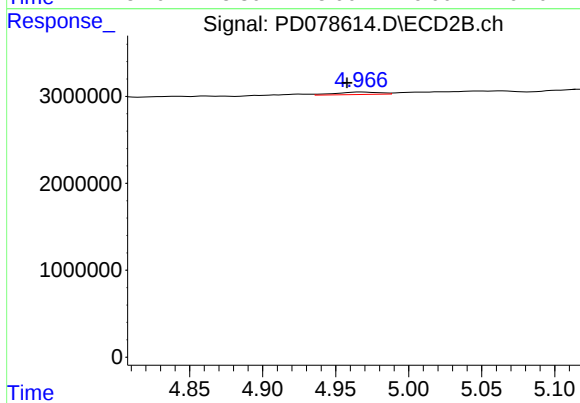
#24 Chlordane-2

R.T.: 4.303 min
Delta R.T.: -0.025 min
Response: 480873
Conc: 6.21 ng/ml



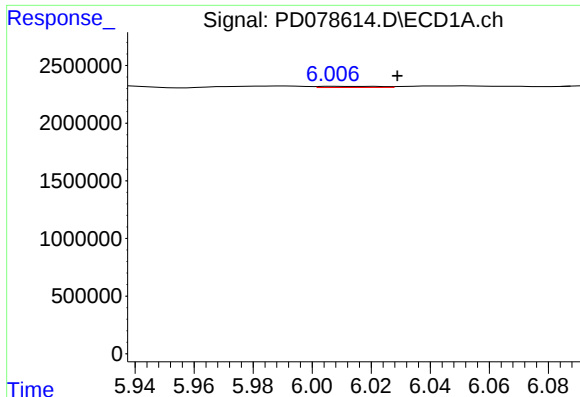
#25 Chlordane-3

R.T.: 5.920 min
Delta R.T.: -0.026 min
Response: 888428
Conc: 1.52 ng/ml



#25 Chlordane-3

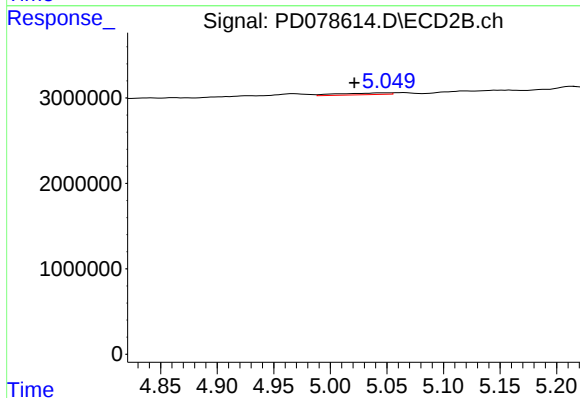
R.T.: 4.967 min
Delta R.T.: 0.010 min
Response: 578224
Conc: 2.24 ng/ml



#26 Chlordane-4

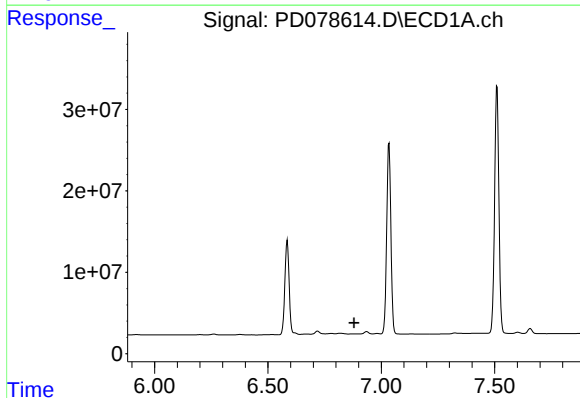
R.T.: 6.008 min
Delta R.T.: -0.021 min
Response: 140454
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



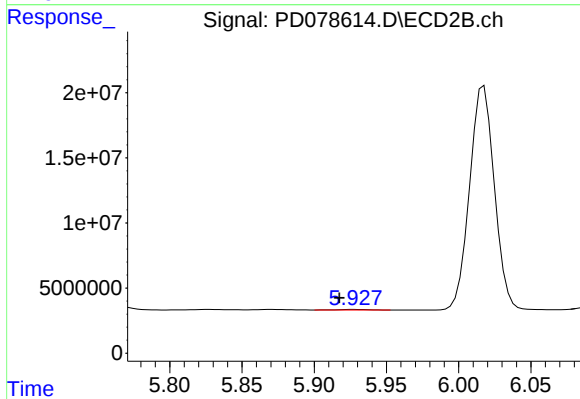
#26 Chlordane-4

R.T.: 5.050 min
Delta R.T.: 0.028 min
Response: 648529
Conc: 2.58 ng/ml



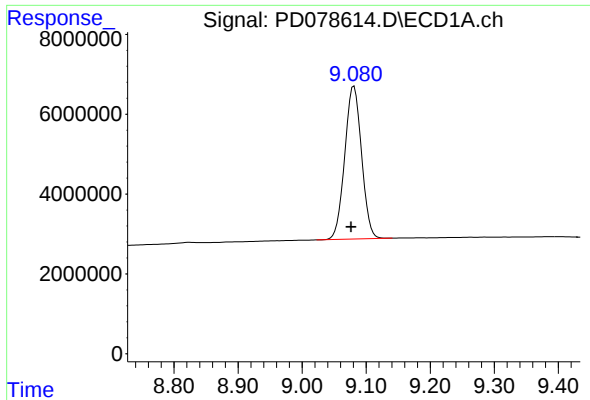
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.881 min
Response: 0
Conc: N.D.



#27 Chlordane-5

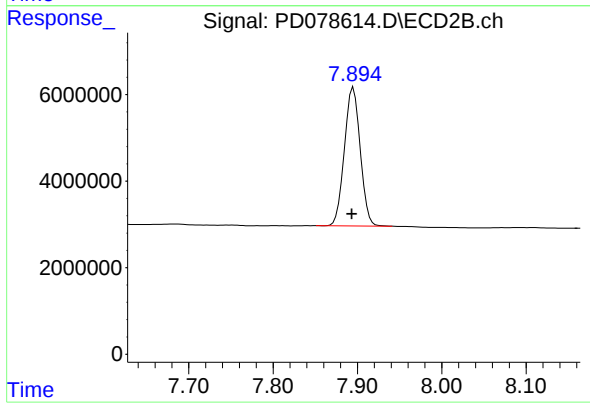
R.T.: 5.928 min
Delta R.T.: 0.011 min
Response: 537068
Conc: 6.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.004 min
Response: 69816169
Conc: 18.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: 0.002 min
Response: 41831703
Conc: 18.44 ng/ml