

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100821\
 Data File : PD066100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2021 10:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 01:15:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 2021
 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...	3.494	4.010	17267579	128.0E6	23.317	22.286
28)	SA Decachlor...	8.237	9.083	26147850	93380423	19.143	24.128 #
Target Compounds							
2)	A alpha-BHC	3.934	4.405	11871204	91977414	10.570	10.939
3)	MA gamma-BHC...	4.217	4.692	12279250	87636552	10.950	11.343
4)	MA Heptachlor	4.524	5.209	17785	234511	0.015	0.032 #
5)	MB Aldrin	4.762	5.495	149203	140316	0.133	0.021 #
6)	B beta-BHC	4.468	4.868	10202254	40795266	17.871	11.038 #
8)	B Heptachlo...	0.000	5.866f	0	818984	N.D.	0.158 #
9)	A Endosulfan I	5.534	6.252	120894	64548	0.111	0.012 #
10)	B gamma-Chl...	5.427	6.097f	171331	1048085	0.142	0.175
11)	B alpha-Chl...	0.000	6.185	0	335593	N.D.	0.056 #
12)	B 4,4'-DDE	5.651	6.353	260143	2194259	0.239	0.380 #
13)	MA Dieldrin	0.000	6.503	0	217608	N.D.	0.037 #
14)	MA Endrin	6.045	6.725	54721698	256.9E6	51.715	52.118
15)	B Endosulfa...	6.315	6.940	734766	1990477	0.680	0.411 #
16)	A 4,4'-DDD	6.166	6.848	3137359	18786218	3.198	3.823
17)	MA 4,4'-DDT	6.406	7.146	112.8E6	483.0E6	102.520	95.608
18)	B Endrin al...	6.485	7.064	1553400	4806290	1.753	1.228 #
19)	B Endosulfa...	6.693	0.000	208236	0	0.182	N.D. #
20)	A Methoxychlor	6.953	7.606	156.2E6	598.4E6	228.557	227.376
21)	B Endrin ke...	7.190	7.759	5383087	21401412	3.821	3.753
22)	Mirex	7.384	8.196	857972	590203	0.711	0.149 #
23)	Chlordane-1	4.391f	0.000	318274	0	9.502	N.D. #
24)	Chlordane-2	4.890f	5.481	153997	215517	3.792	0.932 #
25)	Chlordane-3	5.427	6.097f	171331	1048085	1.454	1.278
26)	Chlordane-4	0.000	6.185	0	335593	N.D.	0.350 #
27)	Chlordane-5	6.315	0.000	734766	0	15.119	N.D. #

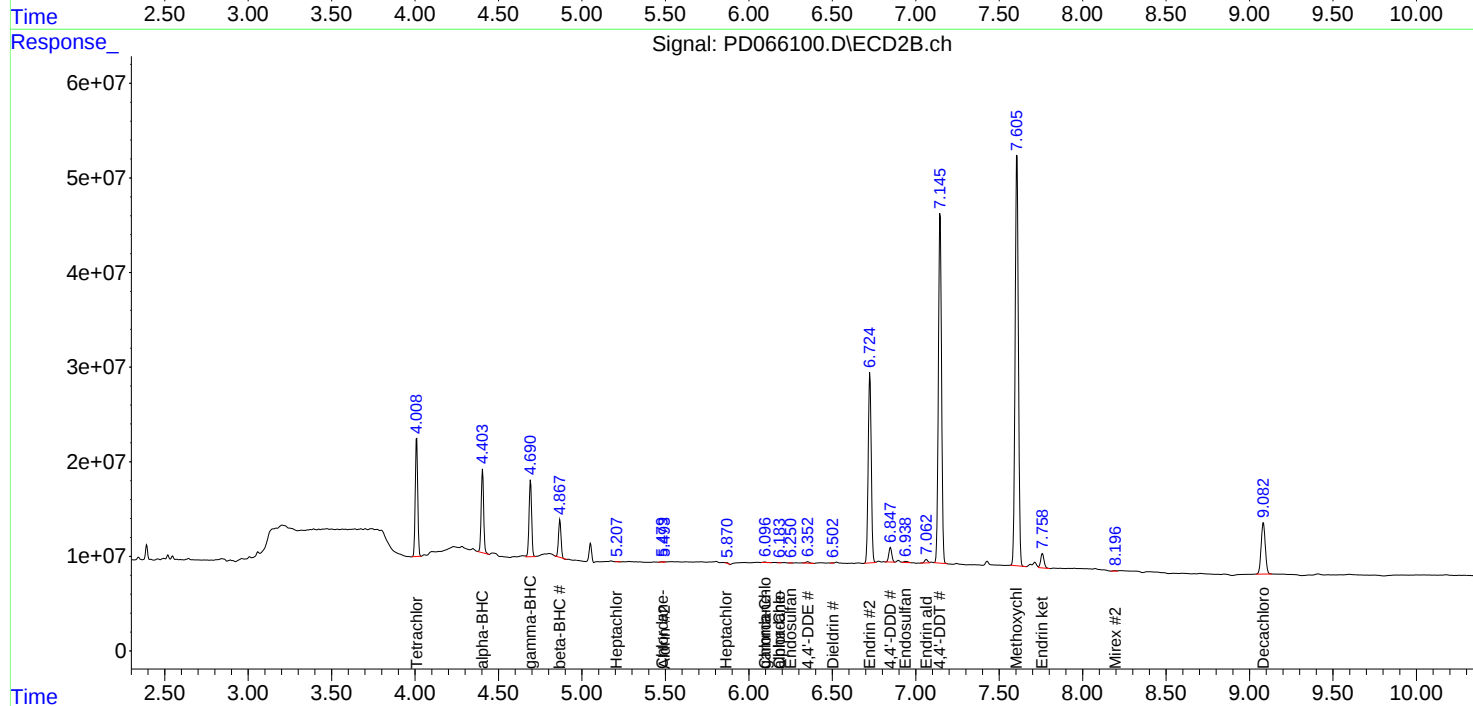
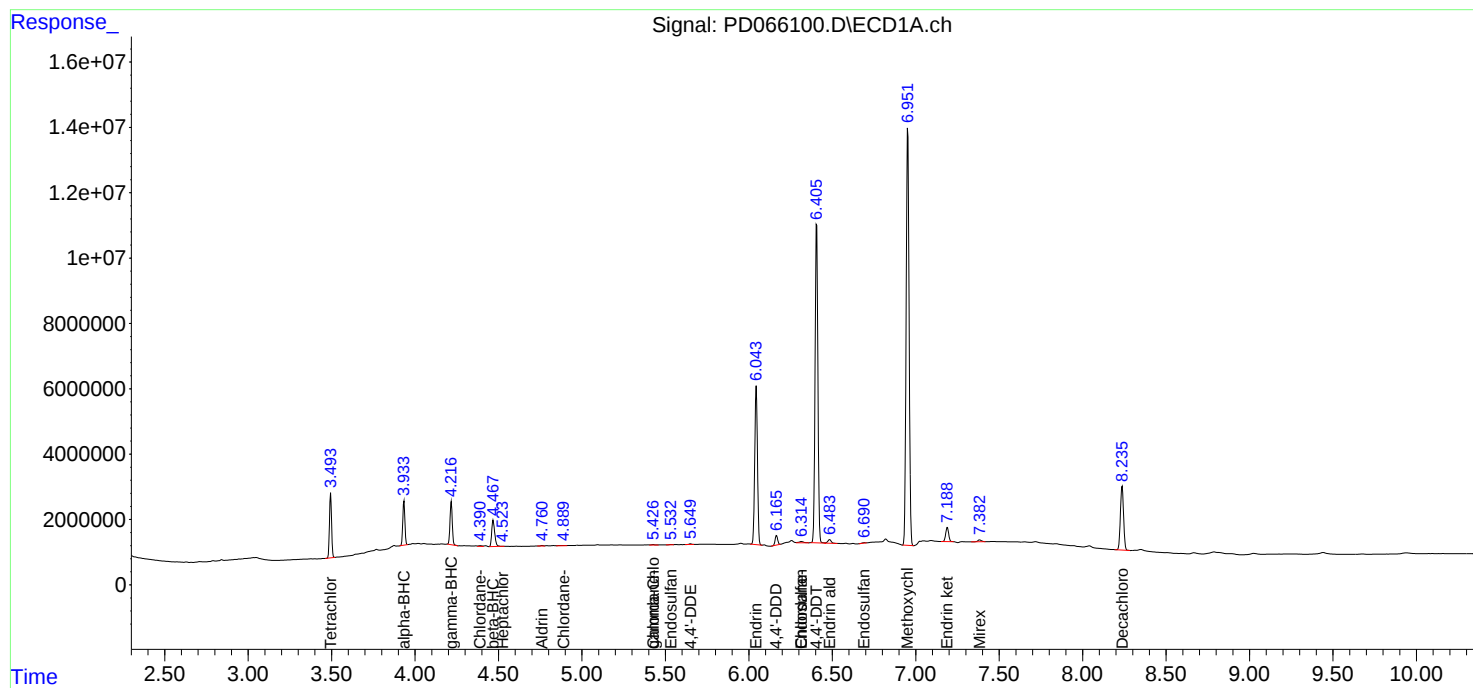
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

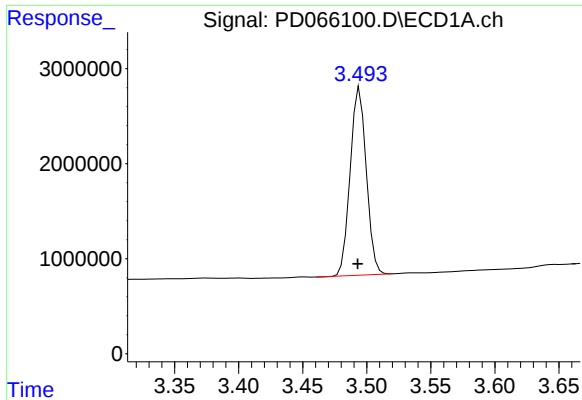
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100821\
Data File : PD066100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Oct 2021 10:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 01:15:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 2021
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

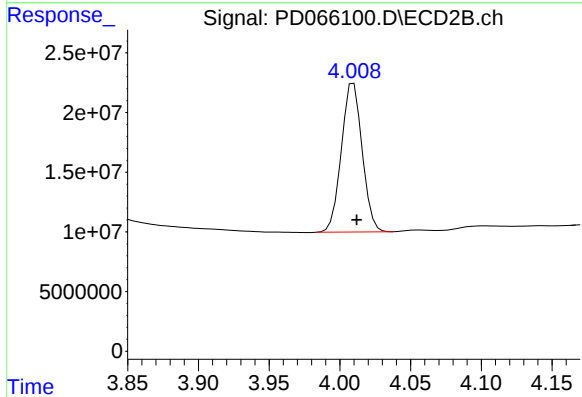




#1 Tetrachloro-m-xylene

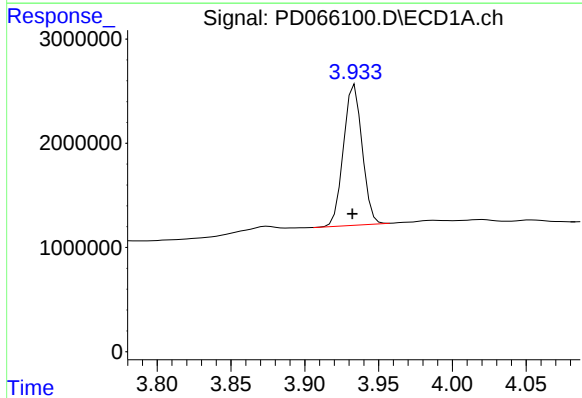
R.T.: 3.494 min
Delta R.T.: 0.002 min
Response: 17267579
Conc: 23.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



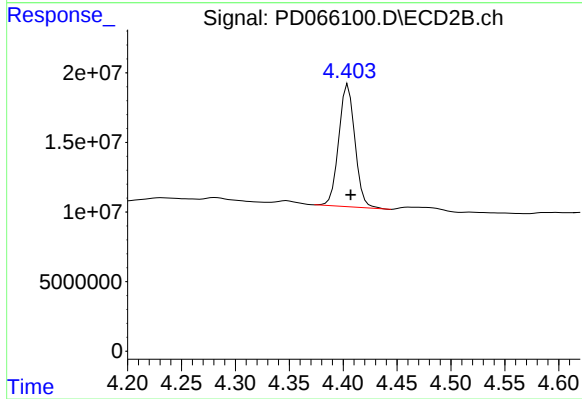
#1 Tetrachloro-m-xylene

R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 127968629
Conc: 22.29 ng/ml



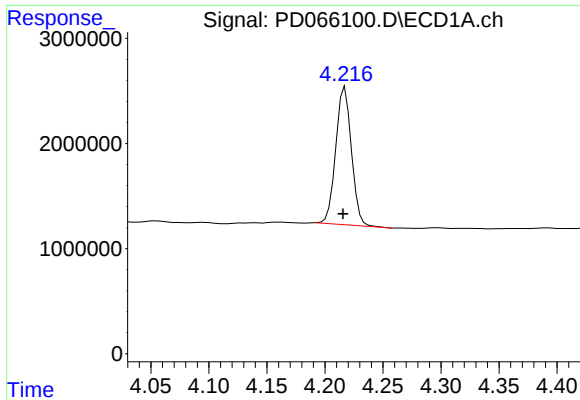
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.002 min
Response: 11871204
Conc: 10.57 ng/ml



#2 alpha-BHC

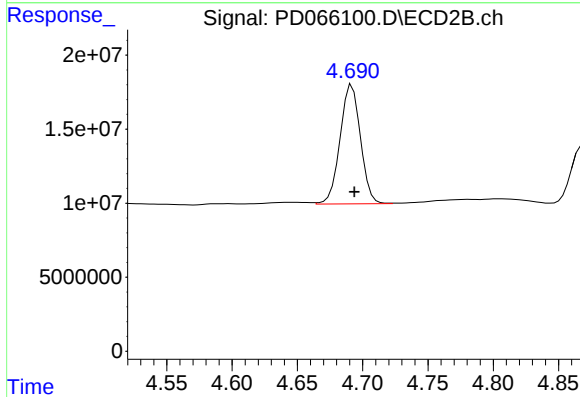
R.T.: 4.405 min
Delta R.T.: -0.002 min
Response: 91977414
Conc: 10.94 ng/ml



#3 gamma-BHC (Lindane)

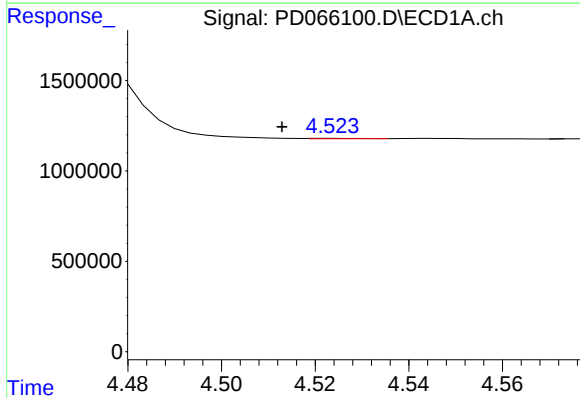
R.T.: 4.217 min
Delta R.T.: 0.002 min
Response: 12279250
Conc: 10.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



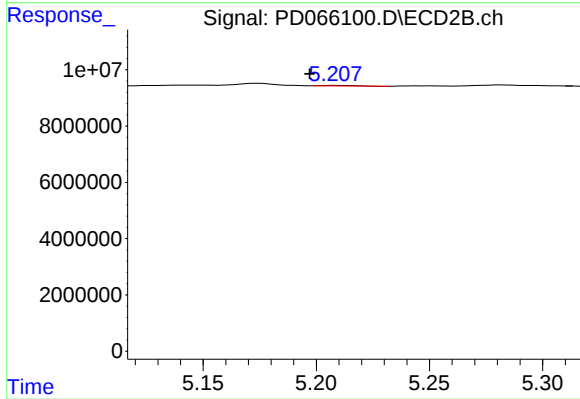
#3 gamma-BHC (Lindane)

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 87636552
Conc: 11.34 ng/ml



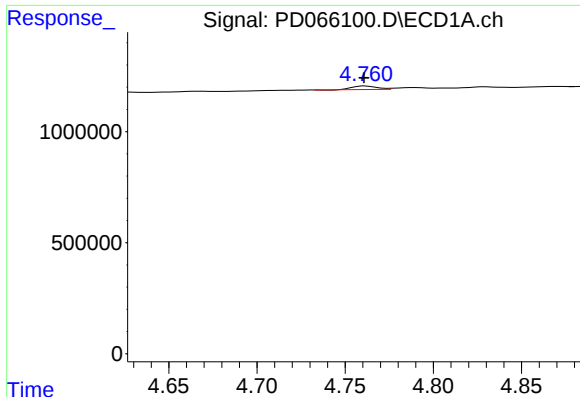
#4 Heptachlor

R.T.: 4.524 min
Delta R.T.: 0.011 min
Response: 17785
Conc: 0.01 ng/ml



#4 Heptachlor

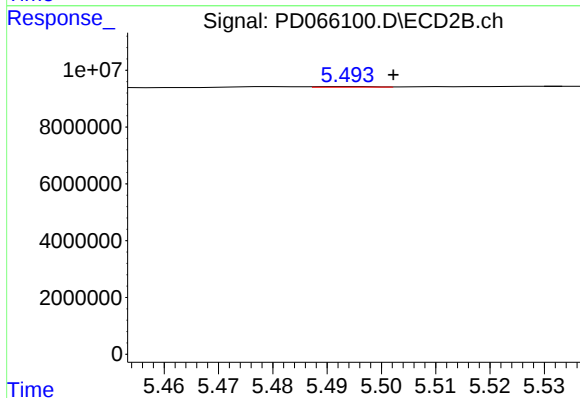
R.T.: 5.209 min
Delta R.T.: 0.012 min
Response: 234511
Conc: 0.03 ng/ml



#5 Aldrin

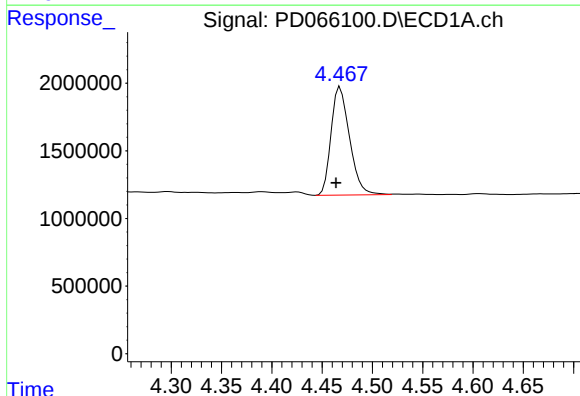
R.T.: 4.762 min
Delta R.T.: 0.001 min
Response: 149203
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



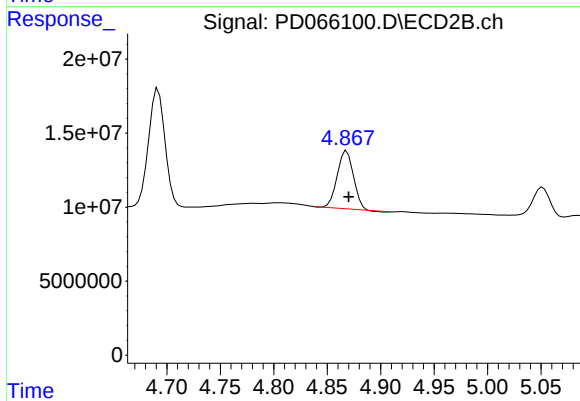
#5 Aldrin

R.T.: 5.495 min
Delta R.T.: -0.008 min
Response: 140316
Conc: 0.02 ng/ml



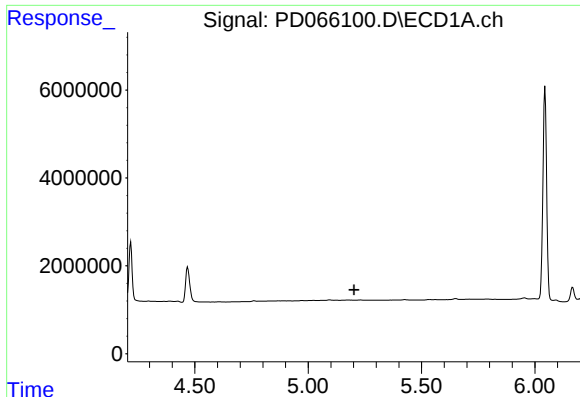
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.004 min
Response: 10202254
Conc: 17.87 ng/ml



#6 beta-BHC

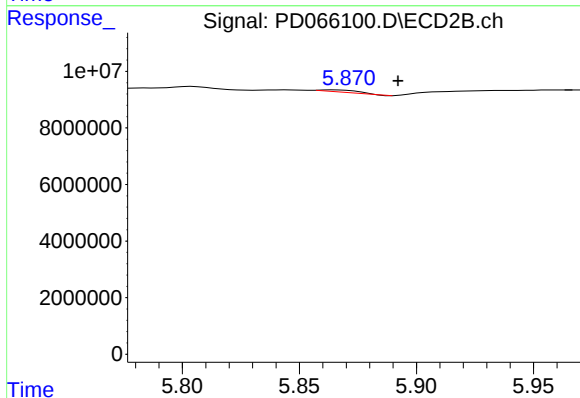
R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 40795266
Conc: 11.04 ng/ml



#8 Heptachlor epoxide

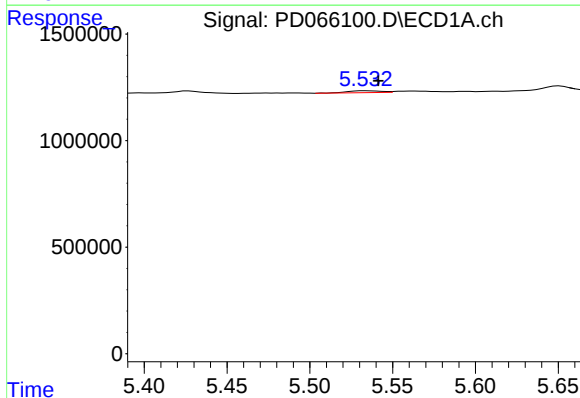
R.T.: 0.000 min
Exp R.T.: 5.203 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



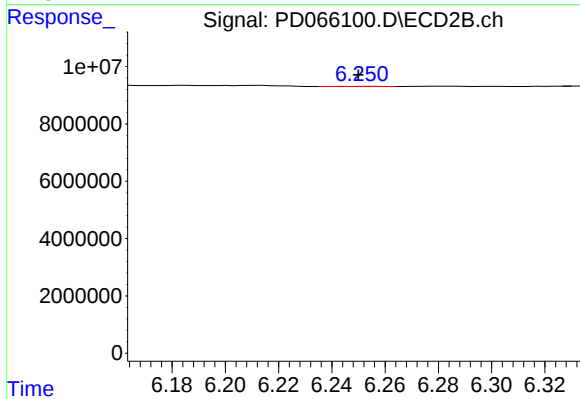
#8 Heptachlor epoxide

R.T.: 5.866 min
Delta R.T.: -0.027 min
Response: 818984
Conc: 0.16 ng/ml



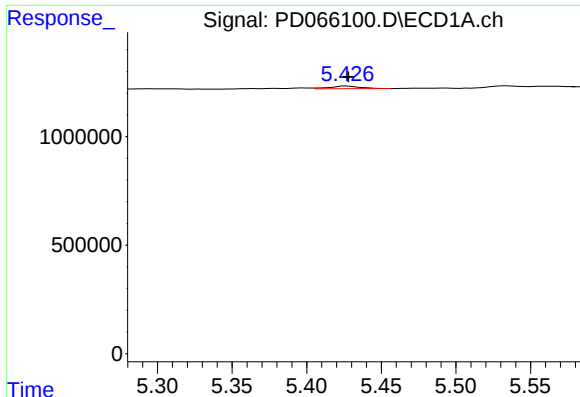
#9 Endosulfan I

R.T.: 5.534 min
Delta R.T.: -0.008 min
Response: 120894
Conc: 0.11 ng/ml



#9 Endosulfan I

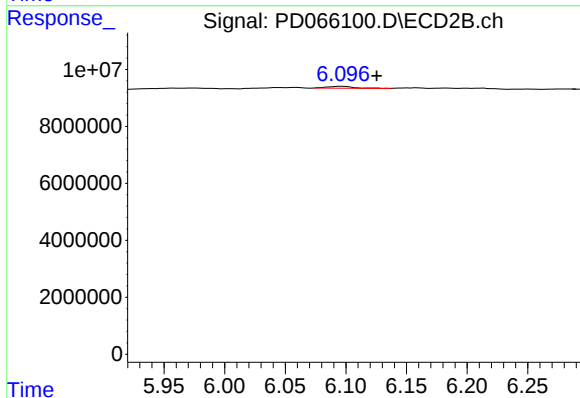
R.T.: 6.252 min
Delta R.T.: 0.002 min
Response: 64548
Conc: 0.01 ng/ml



#10 gamma-Chlordane

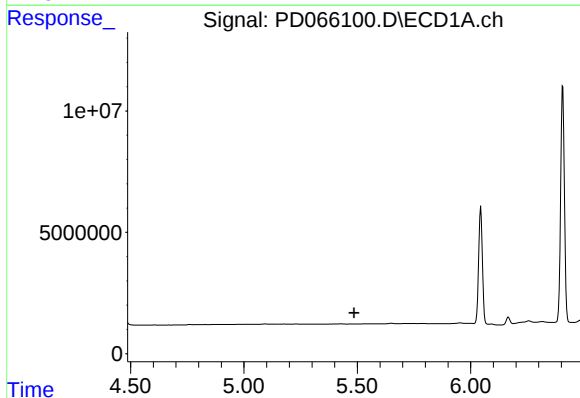
R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 171331
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



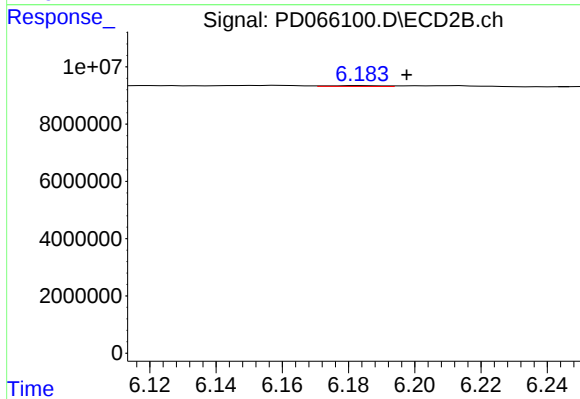
#10 gamma-Chlordane

R.T.: 6.097 min
Delta R.T.: -0.028 min
Response: 1048085
Conc: 0.17 ng/ml



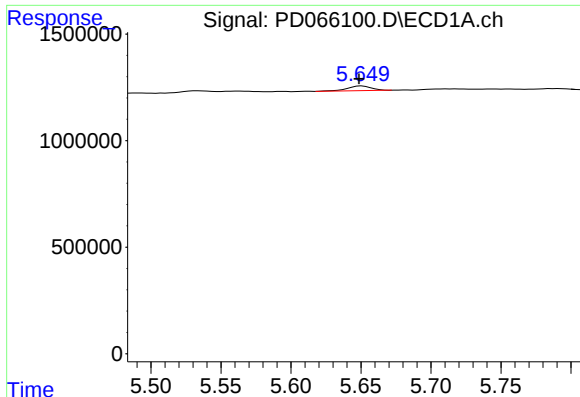
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.486 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

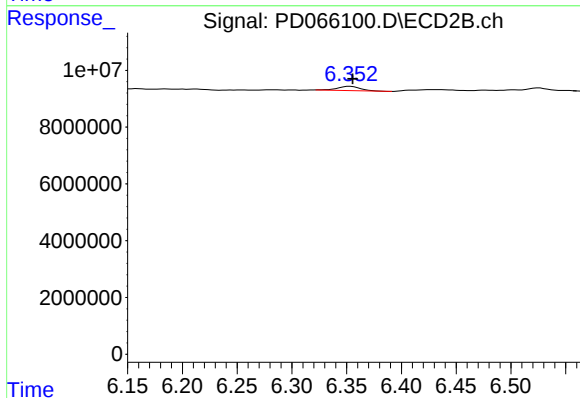
R.T.: 6.185 min
Delta R.T.: -0.013 min
Response: 335593
Conc: 0.06 ng/ml



#12 4,4'-DDE

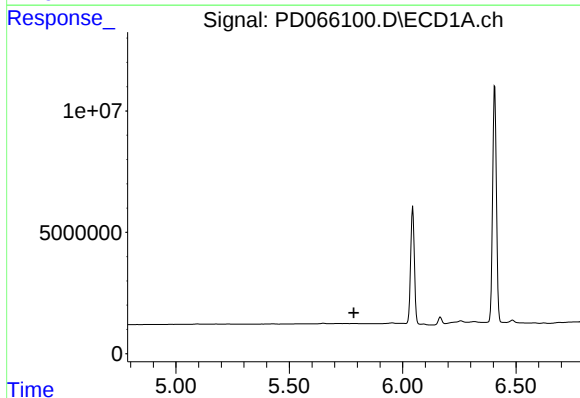
R.T.: 5.651 min
Delta R.T.: 0.002 min
Response: 260143
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



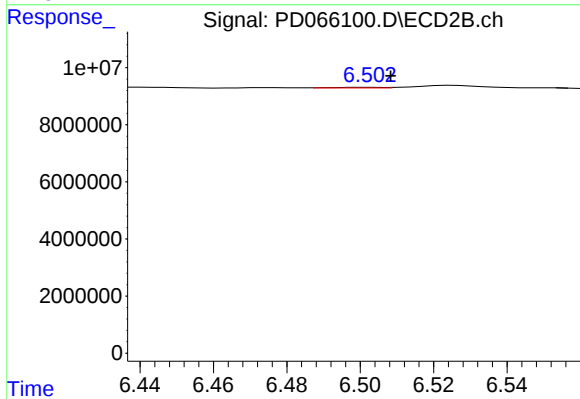
#12 4,4'-DDE

R.T.: 6.353 min
Delta R.T.: -0.003 min
Response: 2194259
Conc: 0.38 ng/ml



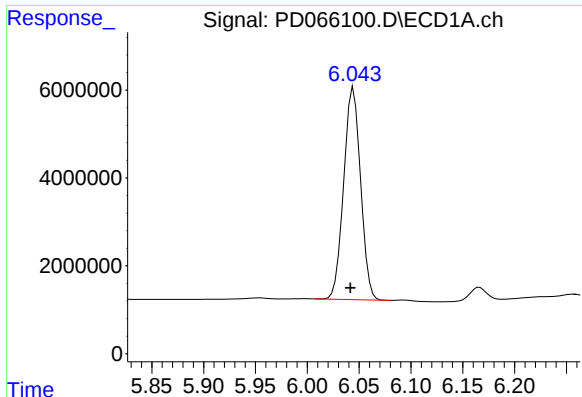
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.784 min
Response: 0
Conc: N.D.



#13 Dieldrin

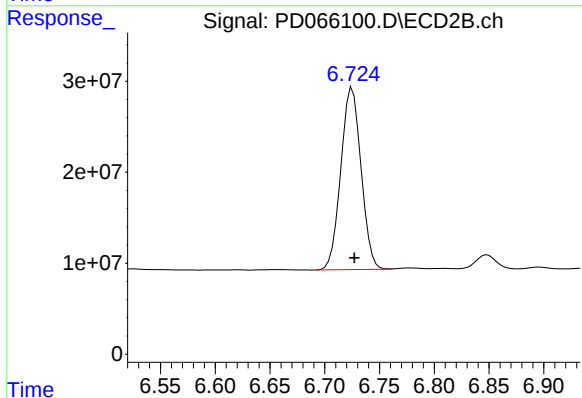
R.T.: 6.503 min
Delta R.T.: -0.006 min
Response: 217608
Conc: 0.04 ng/ml



#14 Endrin

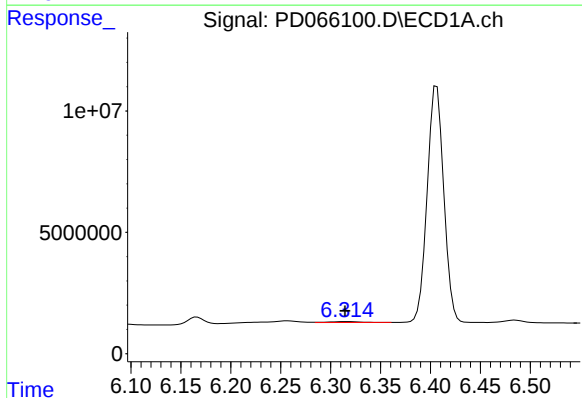
R.T.: 6.045 min
Delta R.T.: 0.003 min
Response: 54721698
Conc: 51.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



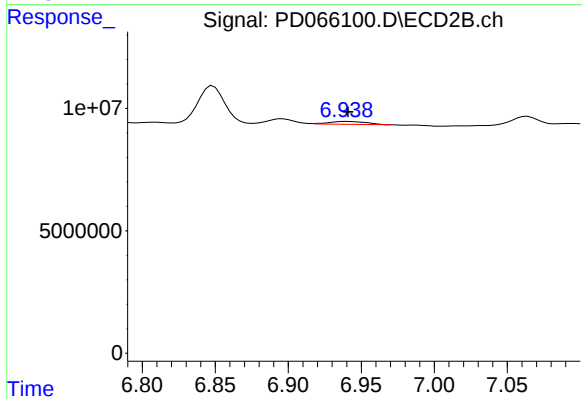
#14 Endrin

R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 256946368
Conc: 52.12 ng/ml



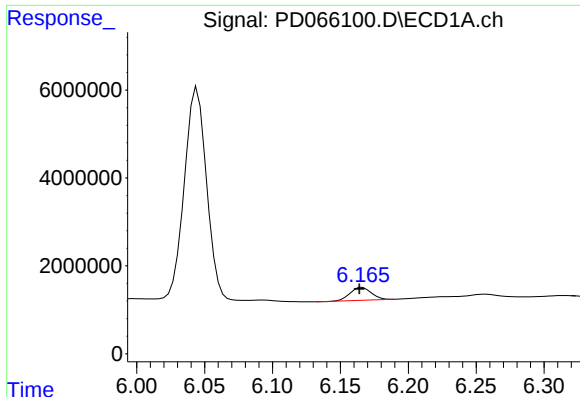
#15 Endosulfan II

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 734766
Conc: 0.68 ng/ml



#15 Endosulfan II

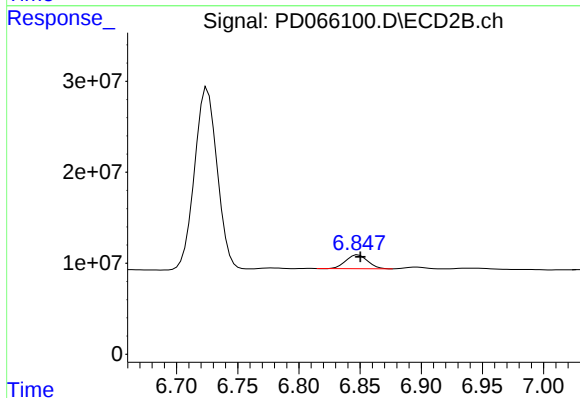
R.T.: 6.940 min
Delta R.T.: -0.001 min
Response: 1990477
Conc: 0.41 ng/ml



#16 4,4'-DDD

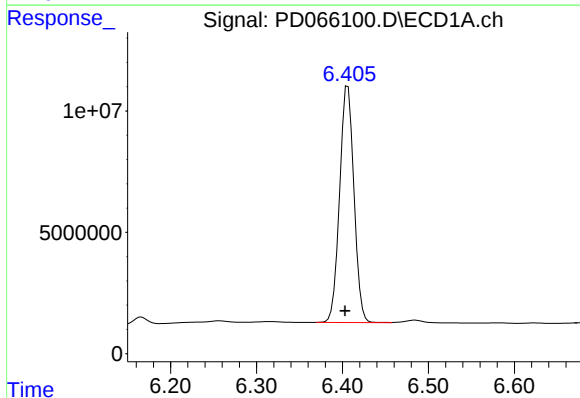
R.T.: 6.166 min
Delta R.T.: 0.002 min
Response: 3137359
Conc: 3.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



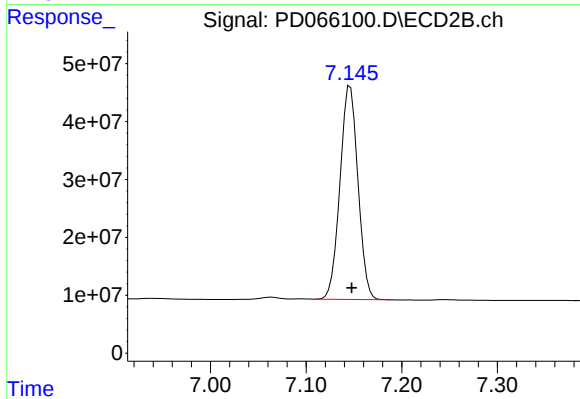
#16 4,4'-DDD

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 18786218
Conc: 3.82 ng/ml



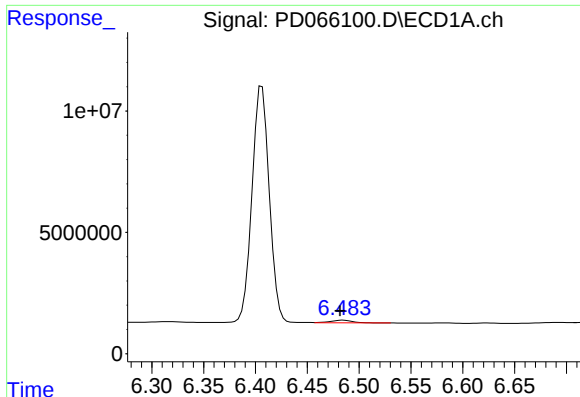
#17 4,4'-DDT

R.T.: 6.406 min
Delta R.T.: 0.003 min
Response: 112844121
Conc: 102.52 ng/ml



#17 4,4'-DDT

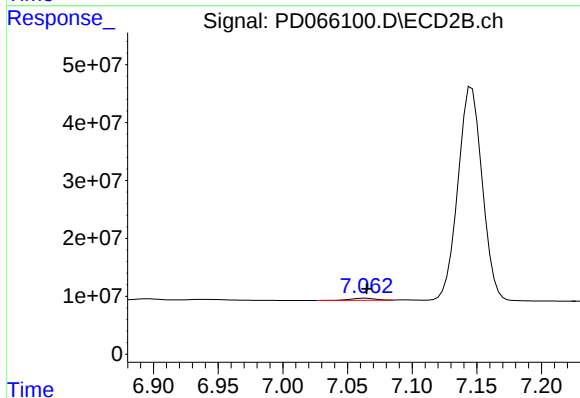
R.T.: 7.146 min
Delta R.T.: -0.001 min
Response: 482952417
Conc: 95.61 ng/ml



#18 Endrin aldehyde

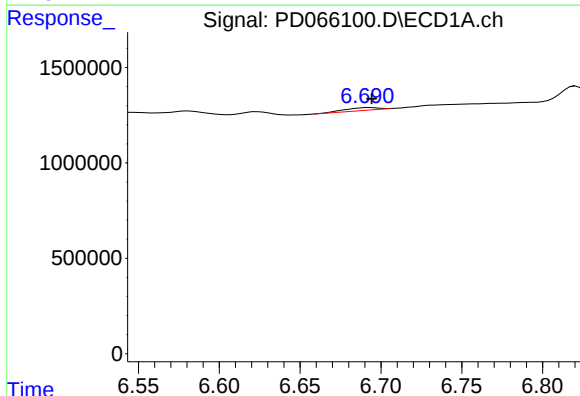
R.T.: 6.485 min
Delta R.T.: 0.003 min
Response: 1553400
Conc: 1.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



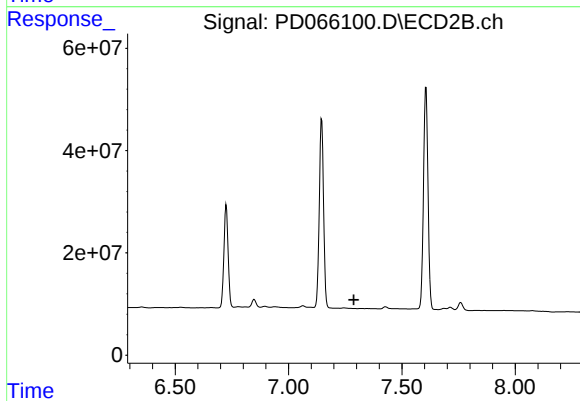
#18 Endrin aldehyde

R.T.: 7.064 min
Delta R.T.: -0.001 min
Response: 4806290
Conc: 1.23 ng/ml



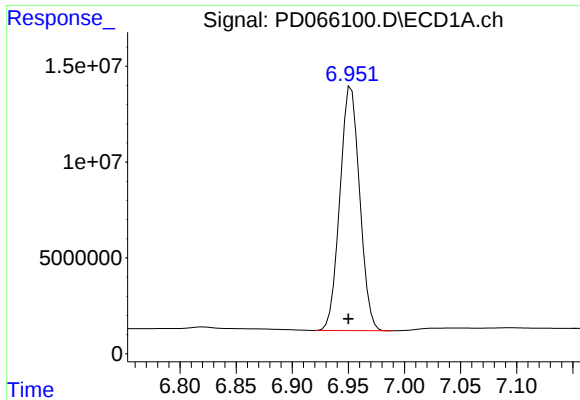
#19 Endosulfan Sulfate

R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 208236
Conc: 0.18 ng/ml



#19 Endosulfan Sulfate

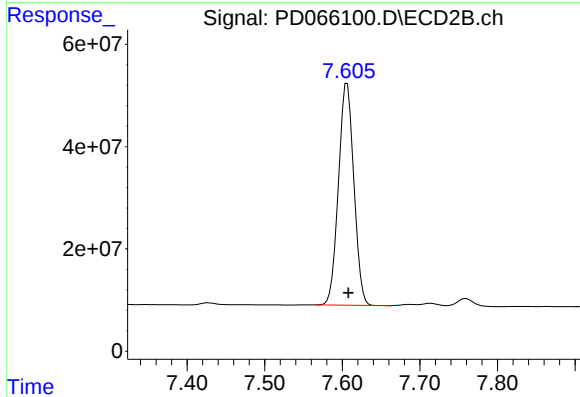
R.T.: 0.000 min
Exp R.T.: 7.288 min
Response: 0
Conc: N.D.



#20 Methoxychlor

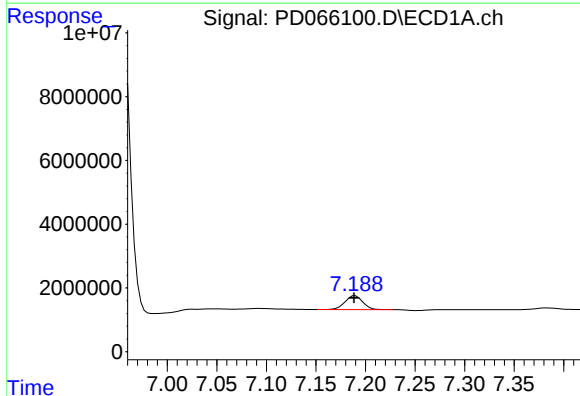
R.T.: 6.953 min
Delta R.T.: 0.002 min
Response: 156186822
Conc: 228.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



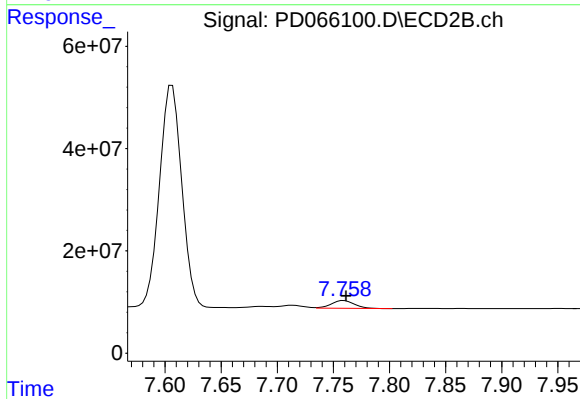
#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: -0.001 min
Response: 598367424
Conc: 227.38 ng/ml



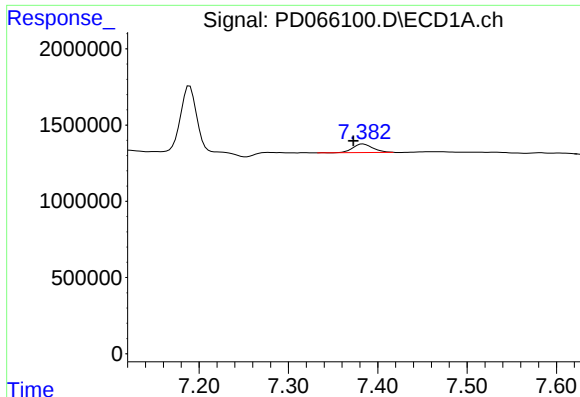
#21 Endrin ketone

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 5383087
Conc: 3.82 ng/ml



#21 Endrin ketone

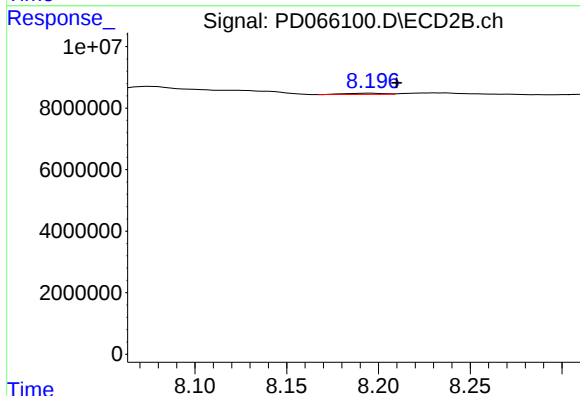
R.T.: 7.759 min
Delta R.T.: -0.002 min
Response: 21401412
Conc: 3.75 ng/ml



#22 Mirex

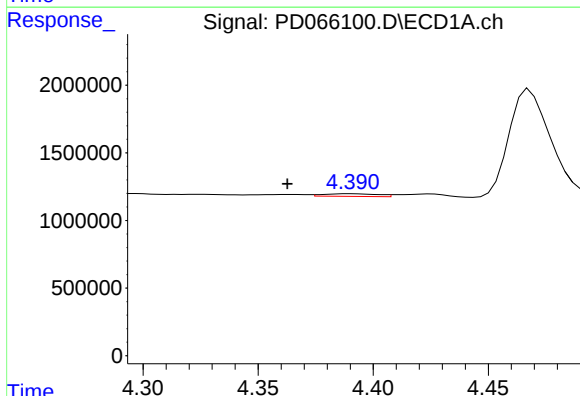
R.T.: 7.384 min
Delta R.T.: 0.011 min
Response: 857972
Conc: 0.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



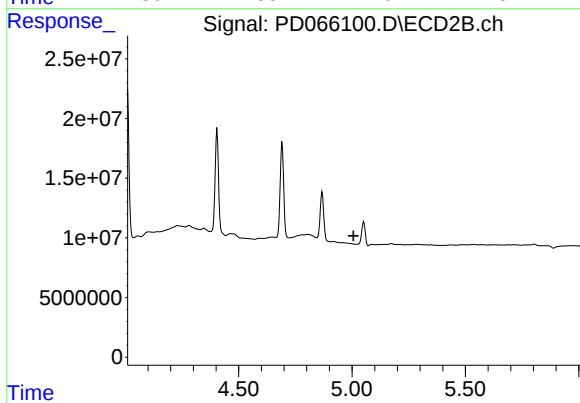
#22 Mirex

R.T.: 8.196 min
Delta R.T.: -0.014 min
Response: 590203
Conc: 0.15 ng/ml



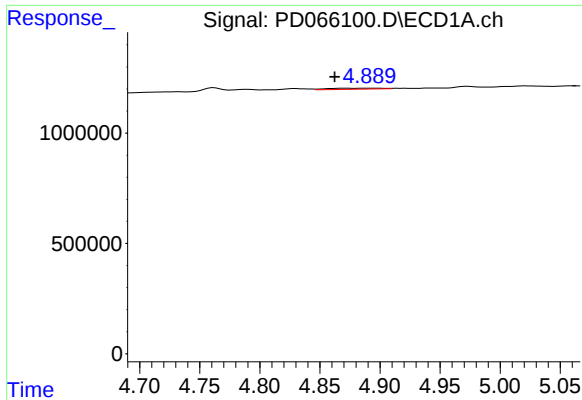
#23 Chlordane-1

R.T.: 4.391 min
Delta R.T.: 0.028 min
Response: 318274
Conc: 9.50 ng/ml



#23 Chlordane-1

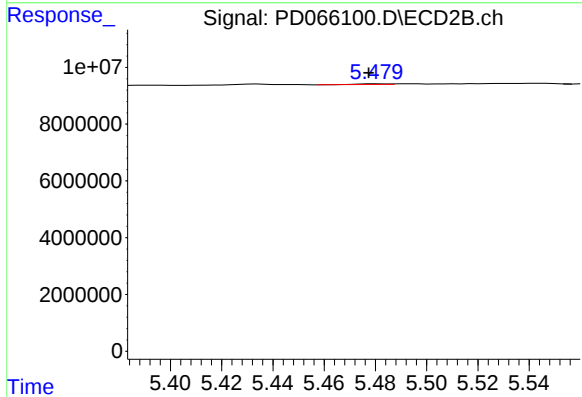
R.T.: 0.000 min
Exp R.T. : 5.007 min
Response: 0
Conc: N.D.



#24 Chlordane-2

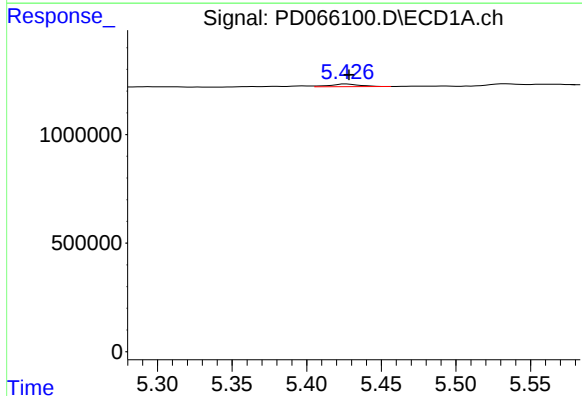
R.T.: 4.890 min
Delta R.T.: 0.028 min
Response: 153997
Conc: 3.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



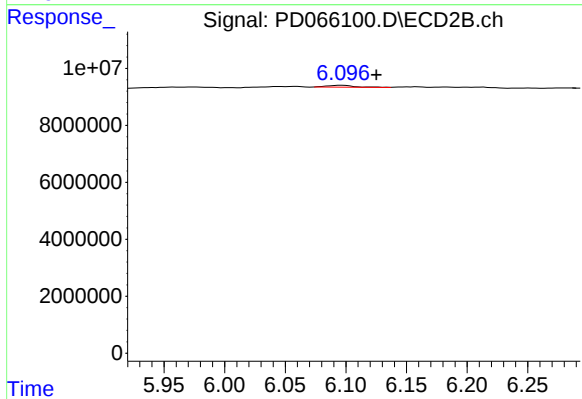
#24 Chlordane-2

R.T.: 5.481 min
Delta R.T.: 0.003 min
Response: 215517
Conc: 0.93 ng/ml



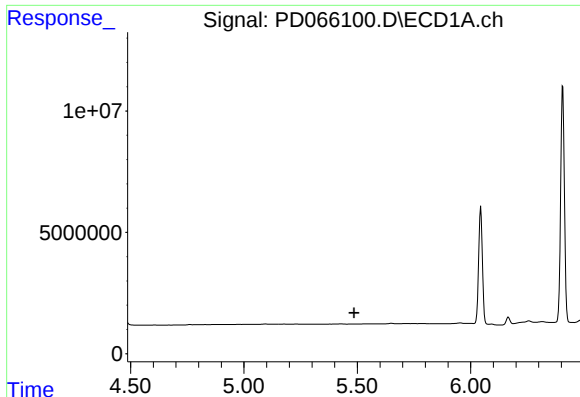
#25 Chlordane-3

R.T.: 5.427 min
Delta R.T.: -0.001 min
Response: 171331
Conc: 1.45 ng/ml



#25 Chlordane-3

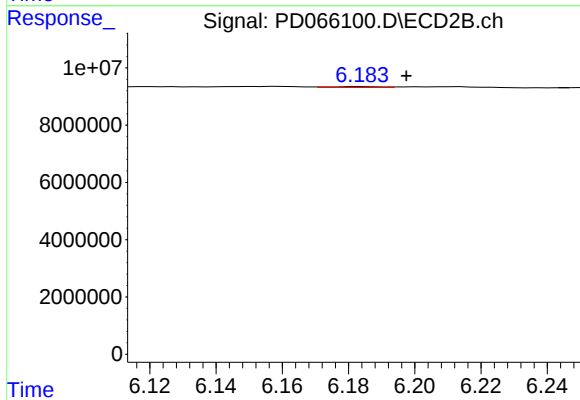
R.T.: 6.097 min
Delta R.T.: -0.028 min
Response: 1048085
Conc: 1.28 ng/ml



#26 Chlordane-4

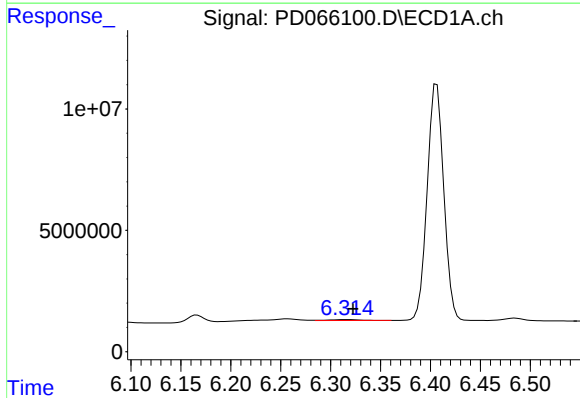
R.T.: 0.000 min
Exp R.T.: 5.486 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



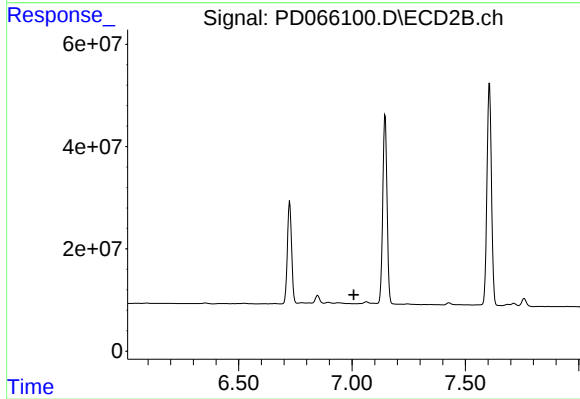
#26 Chlordane-4

R.T.: 6.185 min
Delta R.T.: -0.013 min
Response: 335593
Conc: 0.35 ng/ml



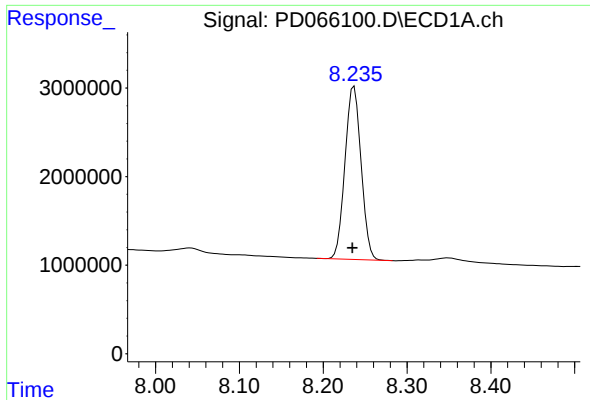
#27 Chlordane-5

R.T.: 6.315 min
Delta R.T.: -0.007 min
Response: 734766
Conc: 15.12 ng/ml



#27 Chlordane-5

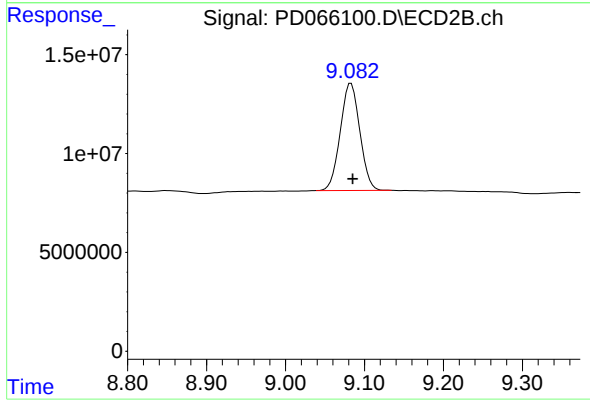
R.T.: 0.000 min
Exp R.T.: 7.008 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.237 min
Delta R.T.: 0.002 min
Response: 26147850
Conc: 19.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: -0.002 min
Response: 93380423
Conc: 24.13 ng/ml