

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020724\
 Data File : PD081152.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2024 09:53
 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: Feb 07 14:19:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.565	2.795	29060233	49181567	20.471	20.560
28)	SA Decachlor...	9.111	7.932	43445290	53022054	21.588	19.906
Target Compounds							
2)	A alpha-BHC	4.022	3.296	22962881	37856900	9.245	9.866
3)	MA gamma-BHC...	4.355	3.626	23066592	35342660	9.424	9.453
4)	MA Heptachlor	4.936	0.000	382260	0	0.155	N.D. #
5)	MB Aldrin	0.000	4.255	0	887055	N.D.	0.244 #
6)	B beta-BHC	4.549	3.921	10765366	16958202	10.639	10.853
7)	B delta-BHC	0.000	4.153	0	248489	N.D.	0.066 #
8)	B Heptachlo...	5.710	0.000	3179120	0	1.420	N.D. #
12)	B 4,4'-DDE	6.227	5.254	209089	2610051	0.103	0.852 #
14)	MA Endrin	6.610	5.657	86111012	136.4E6	46.104	46.024
15)	B Endosulfa...	6.837	5.969f	1208103	419228	0.624	0.146 #
16)	A 4,4'-DDD	6.742	5.806	318303	916778	0.194	0.349 #
17)	MA 4,4'-DDT	7.056	6.055	176.1E6	263.2E6	98.858	99.221
18)	B Endrin al...	6.958	6.131	1934865	4594248	1.272	2.038 #
20)	A Methoxychlor	7.531	6.629	233.3E6	338.9E6	226.701	216.542
21)	B Endrin ke...	7.679	6.857	4490189	6687080	2.147	2.072
22)	Mirex	8.183f	7.052	257755	496763	0.156	0.197 #
24)	Chlordane-2	0.000	4.374	0	260446	N.D.	2.125 #
27)	Chlordane-5	0.000	5.969	0	419228	N.D.	3.458 #

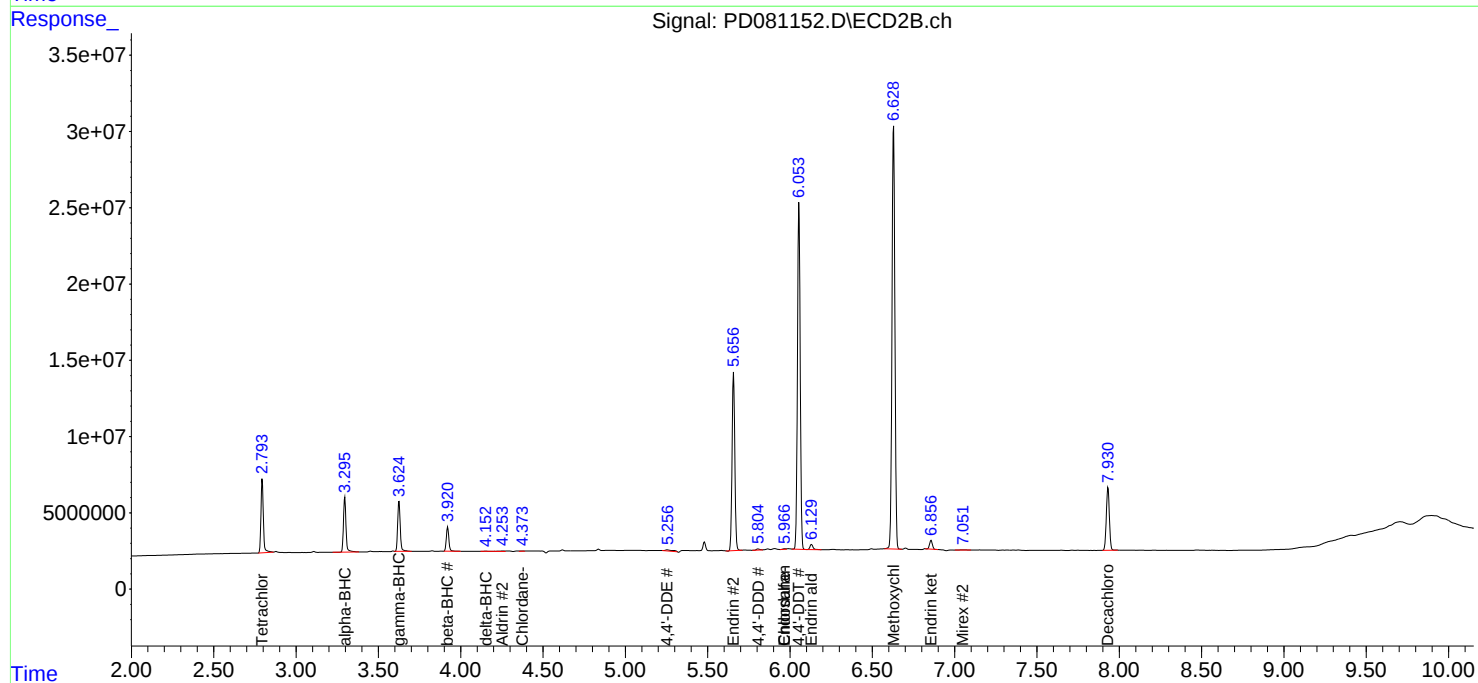
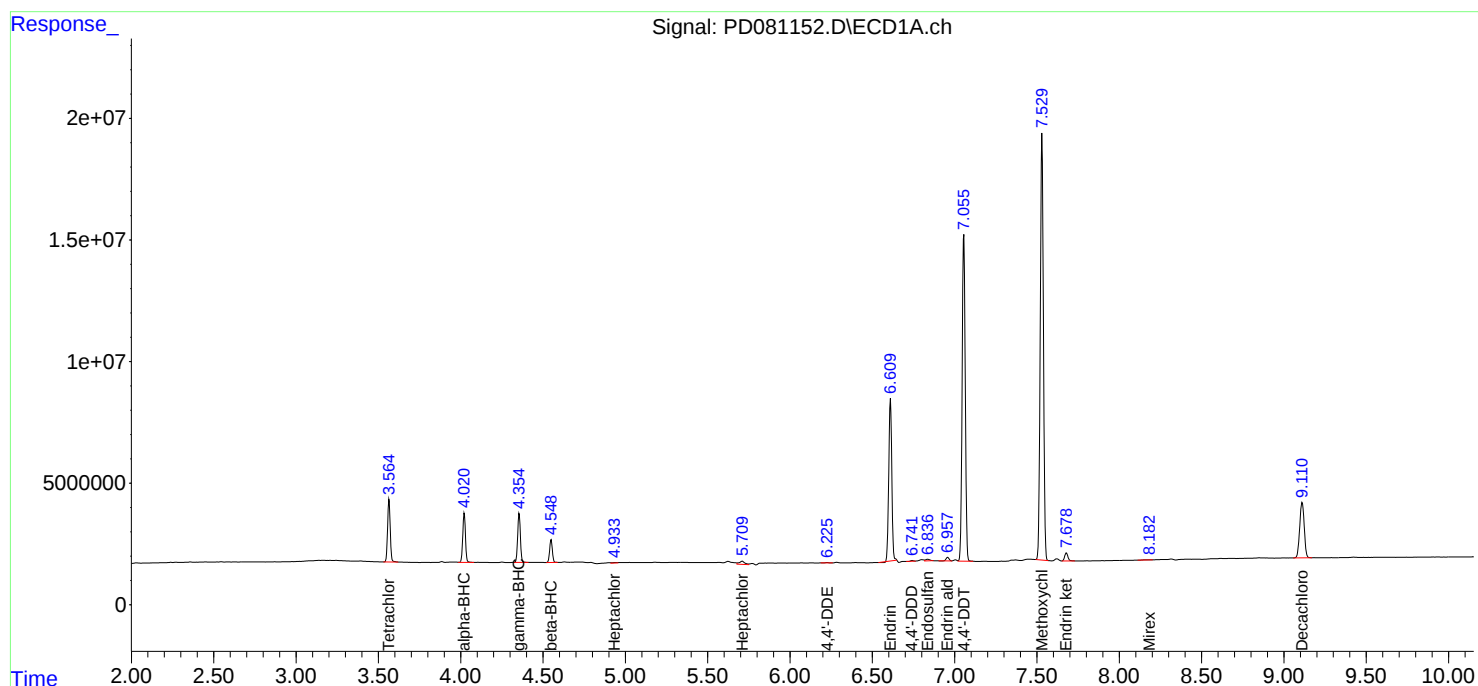
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

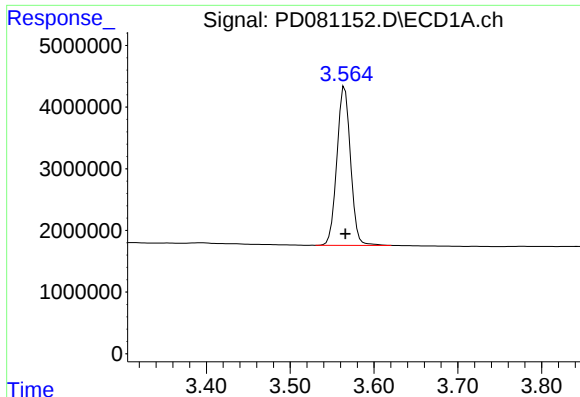
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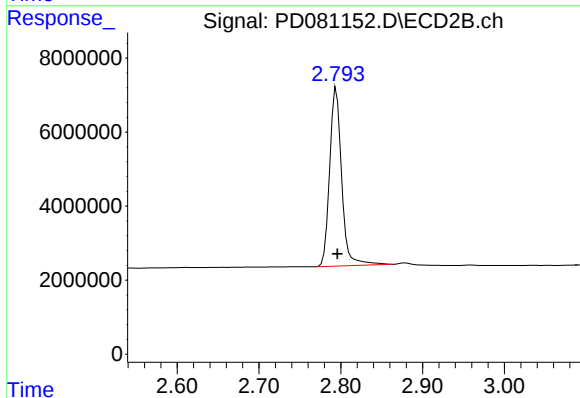




#1 Tetrachloro-m-xylene

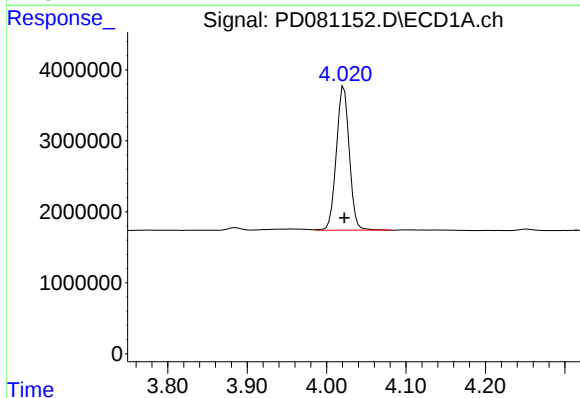
R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 29060233
Conc: 20.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



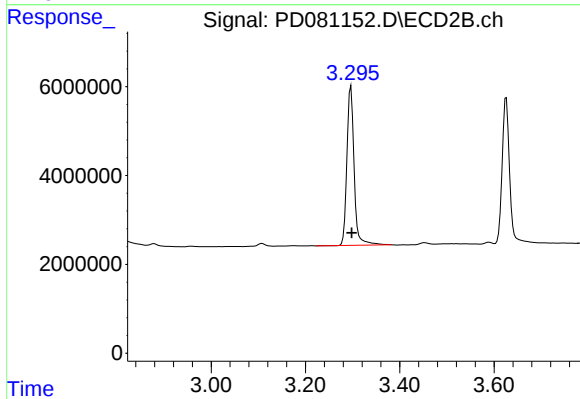
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.001 min
Response: 49181567
Conc: 20.56 ng/ml



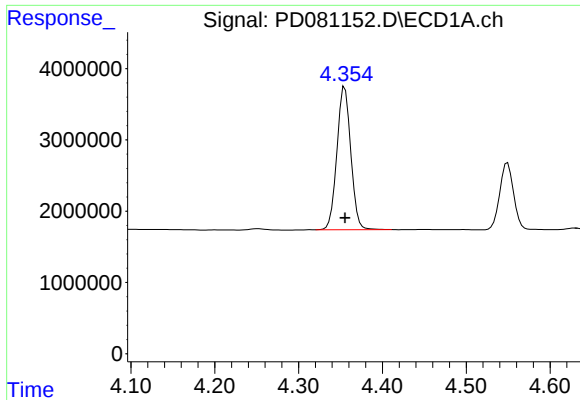
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 22962881
Conc: 9.24 ng/ml



#2 alpha-BHC

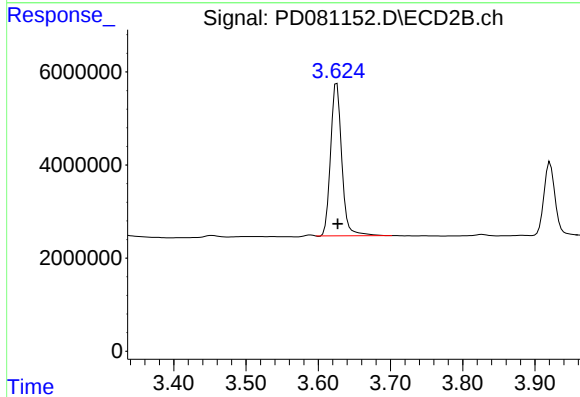
R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 37856900
Conc: 9.87 ng/ml



#3 gamma-BHC (Lindane)

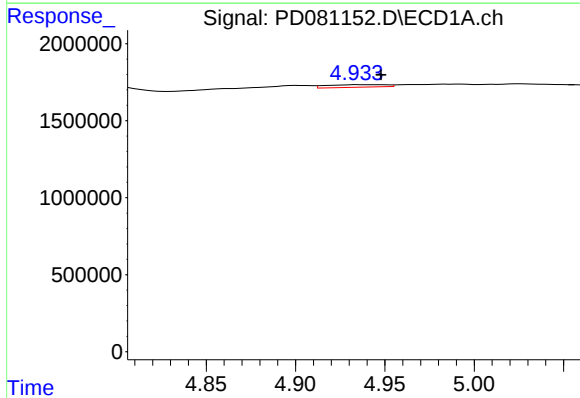
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 23066592
Conc: 9.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



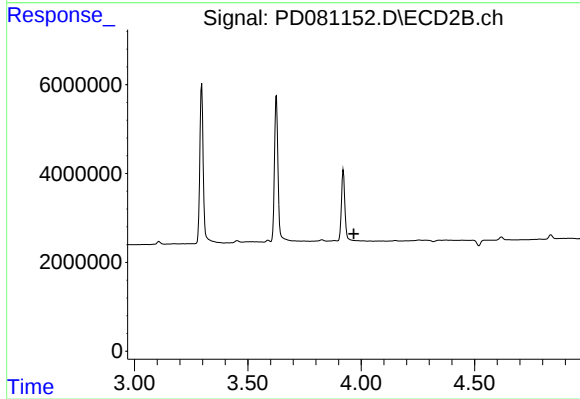
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: -0.001 min
Response: 35342660
Conc: 9.45 ng/ml



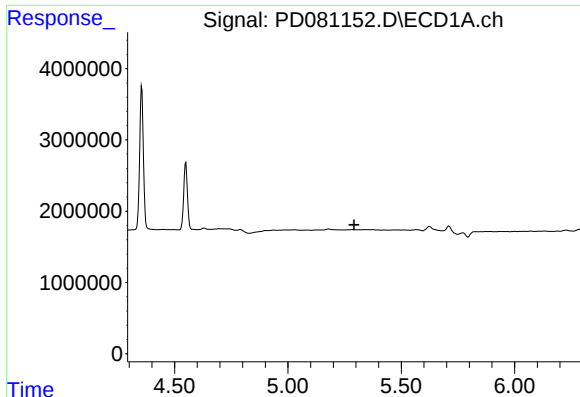
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: -0.012 min
Response: 382260
Conc: 0.15 ng/ml



#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 3.968 min
Response: 0
Conc: N.D.



#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.292 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM

#5 Aldrin

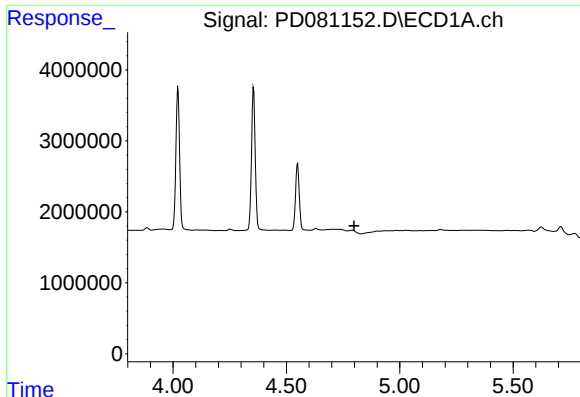
R.T.: 4.255 min
Delta R.T.: 0.006 min
Response: 887055
Conc: 0.24 ng/ml

#6 beta-BHC

R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 10765366
Conc: 10.64 ng/ml

#6 beta-BHC

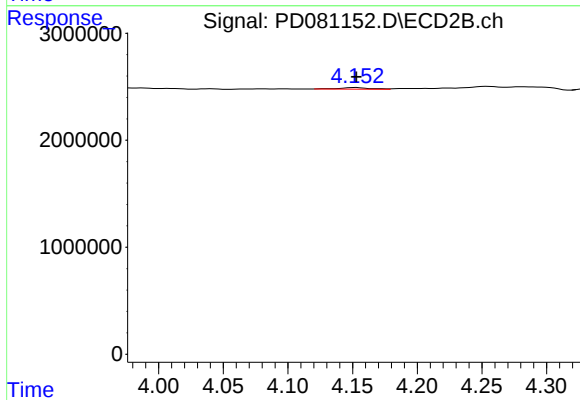
R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 16958202
Conc: 10.85 ng/ml



#7 delta-BHC

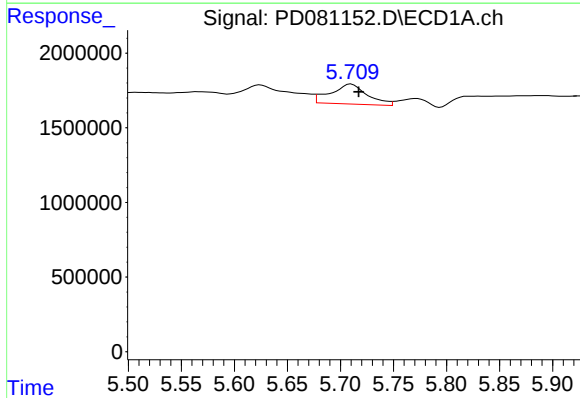
R.T.: 0.000 min
Exp R.T.: 4.799 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



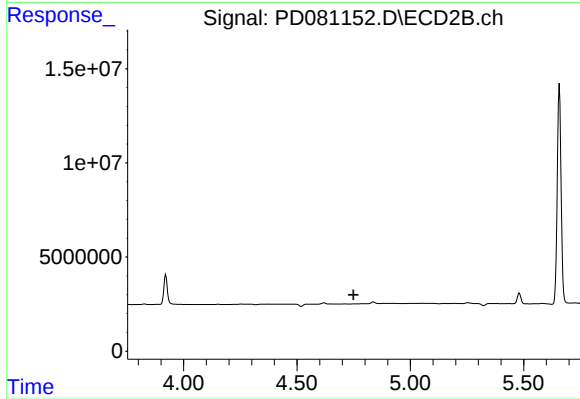
#7 delta-BHC

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 248489
Conc: 0.07 ng/ml



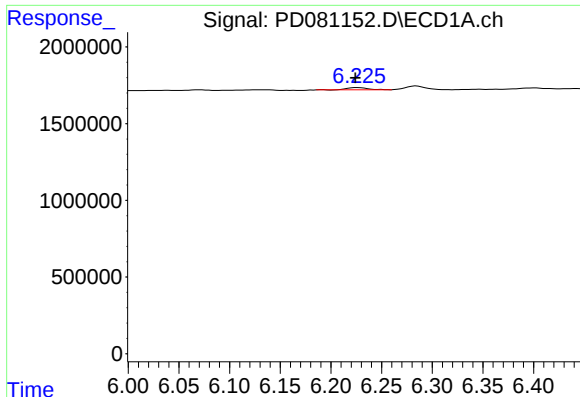
#8 Heptachlor epoxide

R.T.: 5.710 min
Delta R.T.: -0.007 min
Response: 3179120
Conc: 1.42 ng/ml



#8 Heptachlor epoxide

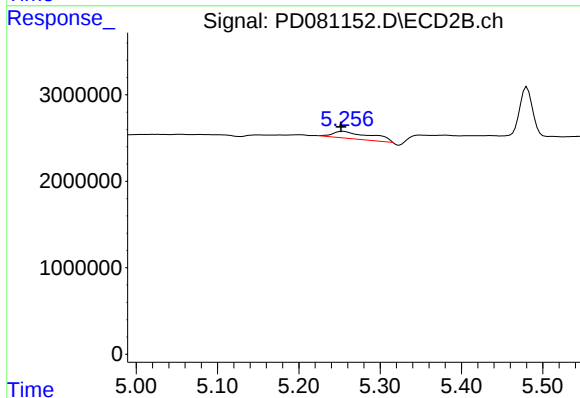
R.T.: 0.000 min
Exp R.T.: 4.750 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

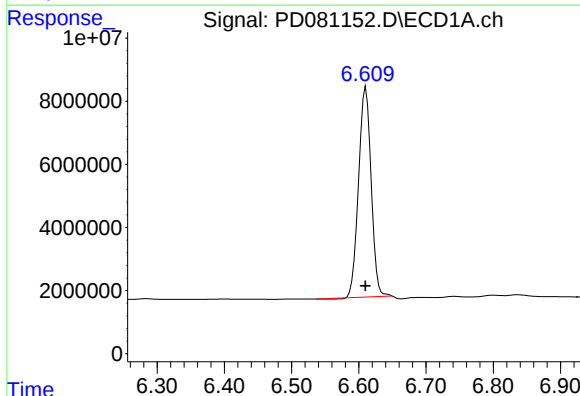
R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 209089
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



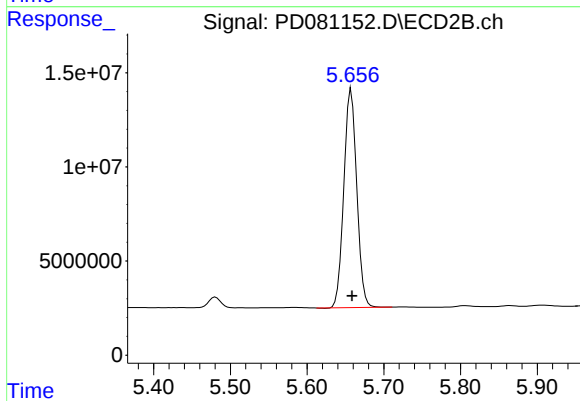
#12 4,4'-DDE

R.T.: 5.254 min
Delta R.T.: 0.002 min
Response: 2610051
Conc: 0.85 ng/ml



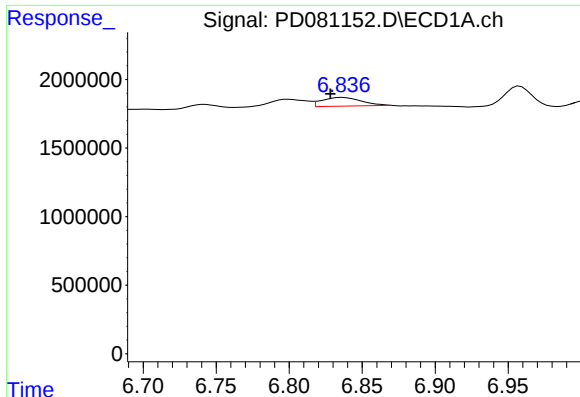
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 86111012
Conc: 46.10 ng/ml



#14 Endrin

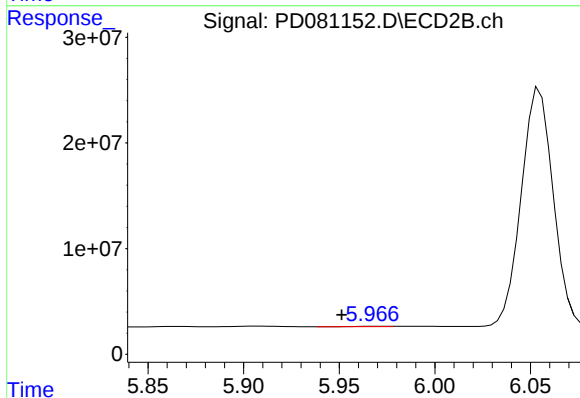
R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 136385727
Conc: 46.02 ng/ml



#15 Endosulfan II

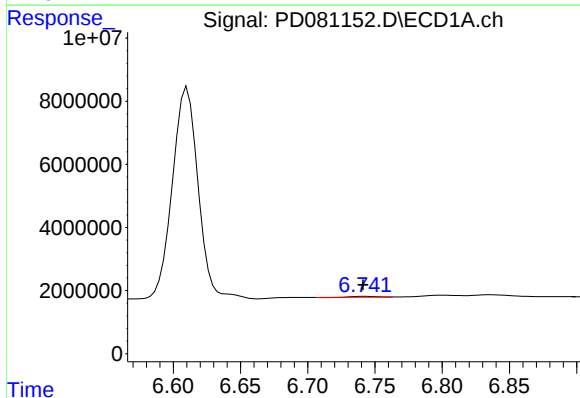
R.T.: 6.837 min
Delta R.T.: 0.008 min
Response: 1208103
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



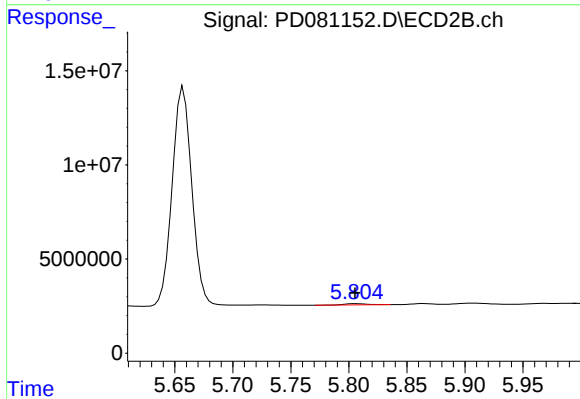
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.018 min
Response: 419228
Conc: 0.15 ng/ml



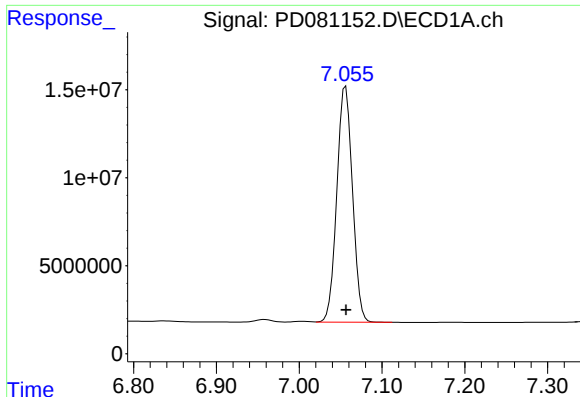
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 318303
Conc: 0.19 ng/ml



#16 4,4'-DDD

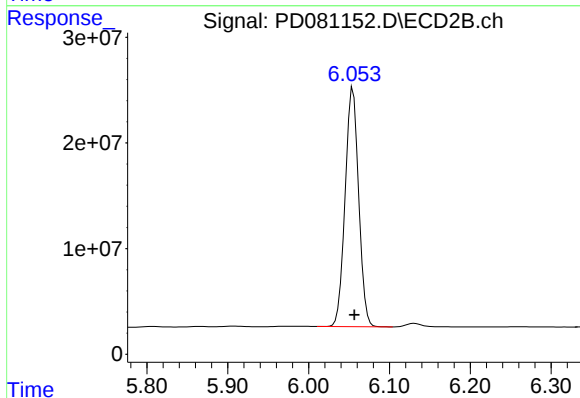
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 916778
Conc: 0.35 ng/ml



#17 4,4'-DDT

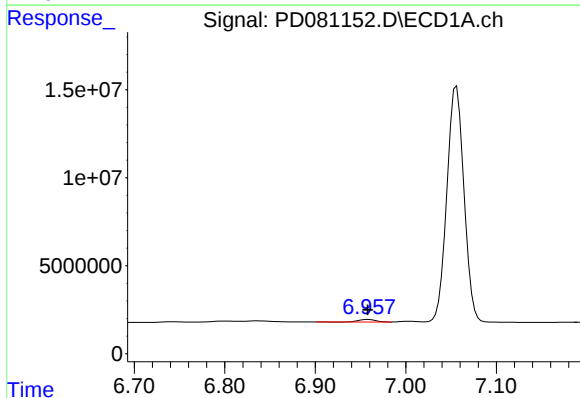
R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 176054543
Conc: 98.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



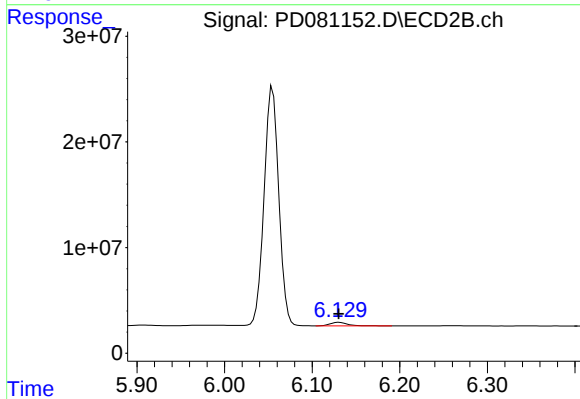
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 263239993
Conc: 99.22 ng/ml



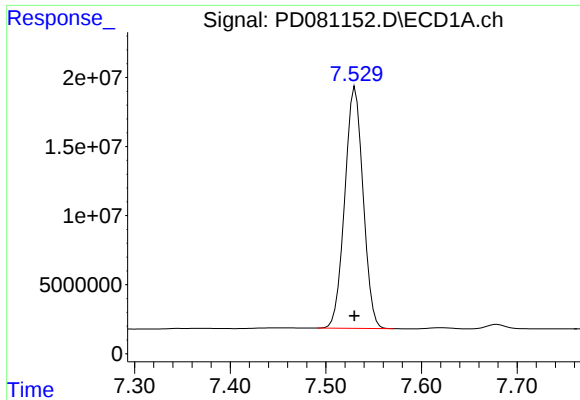
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 1934865
Conc: 1.27 ng/ml



#18 Endrin aldehyde

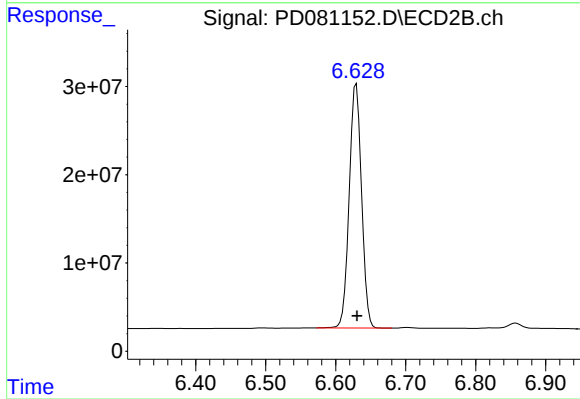
R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 4594248
Conc: 2.04 ng/ml



#20 Methoxychlor

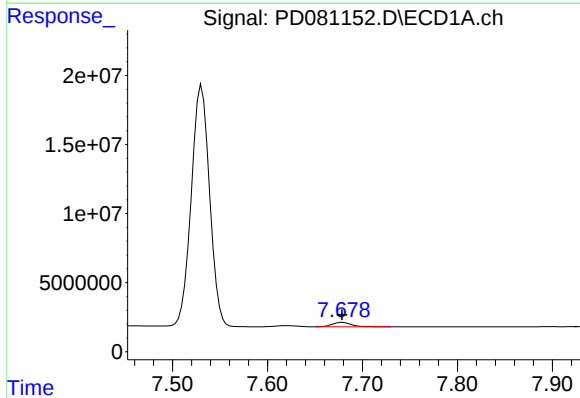
R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 233338799
Conc: 226.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



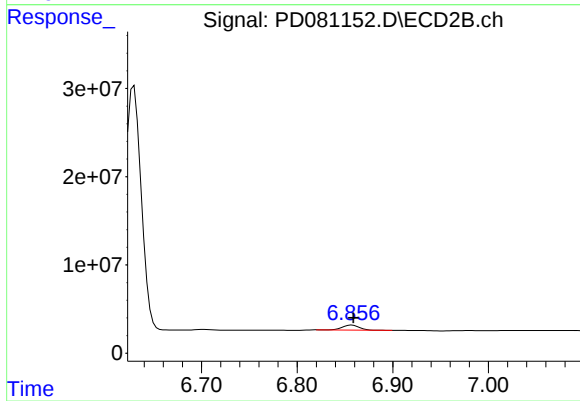
#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 338943798
Conc: 216.54 ng/ml



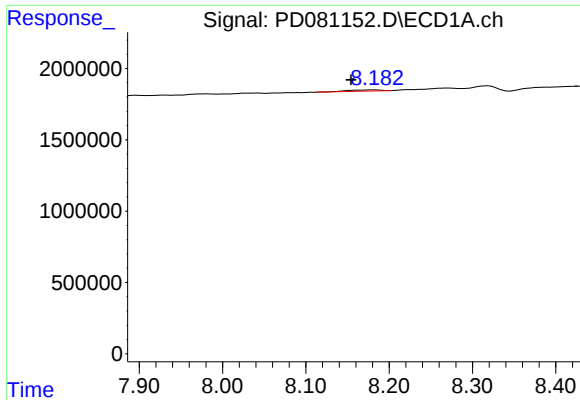
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 4490189
Conc: 2.15 ng/ml



#21 Endrin ketone

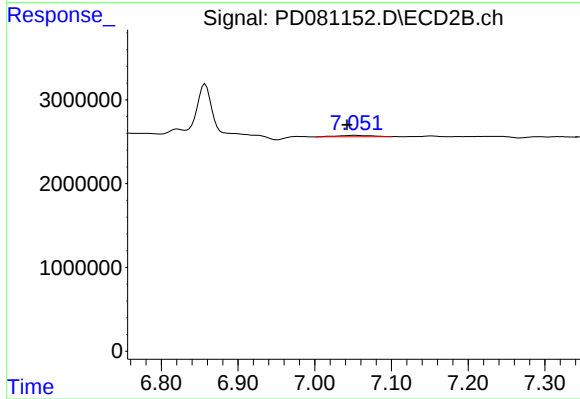
R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 6687080
Conc: 2.07 ng/ml



#22 Mirex

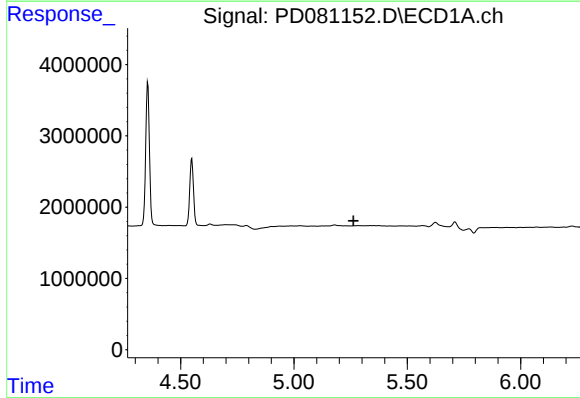
R.T.: 8.183 min
Delta R.T.: 0.029 min
Response: 257755
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



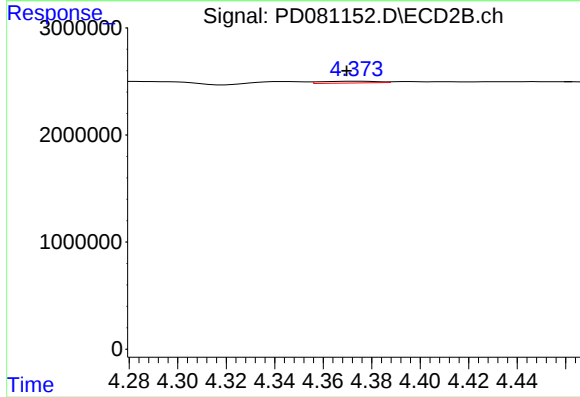
#22 Mirex

R.T.: 7.052 min
Delta R.T.: 0.010 min
Response: 496763
Conc: 0.20 ng/ml



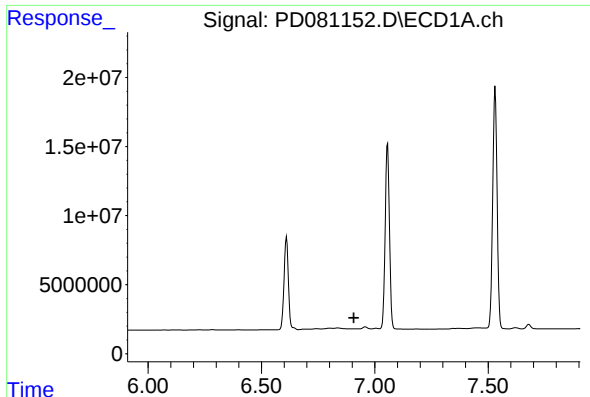
#24 Chlordane-2

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



#24 Chlordane-2

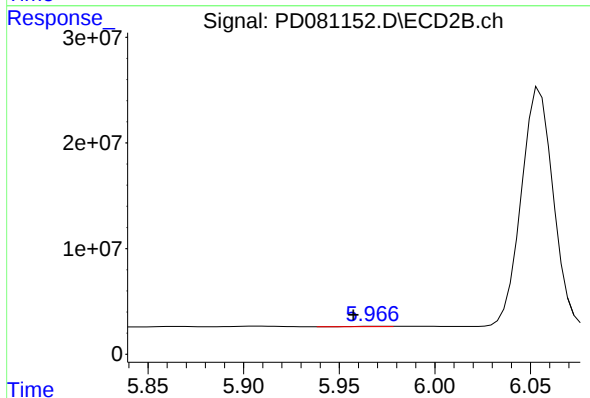
R.T.: 4.374 min
Delta R.T.: 0.004 min
Response: 260446
Conc: 2.12 ng/ml



#27 Chlordane-5

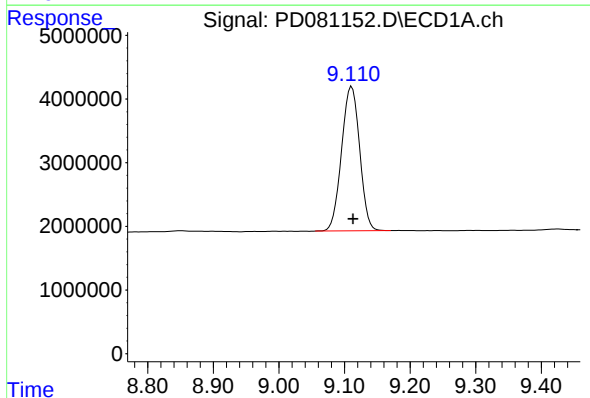
R.T.: 0.000 min
Exp R.T.: 6.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



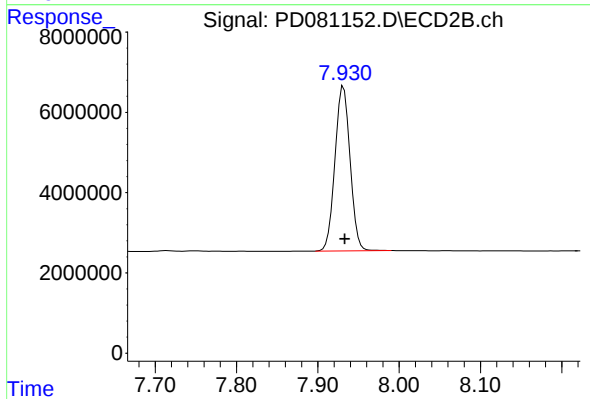
#27 Chlordane-5

R.T.: 5.969 min
Delta R.T.: 0.011 min
Response: 419228
Conc: 3.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.002 min
Response: 43445290
Conc: 21.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.001 min
Response: 53022054
Conc: 19.91 ng/ml