

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
 Data File : PD074803.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 08:59
 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: Apr 20 21:26:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.548	2.768	48396973	27401638	20.290	21.021
2)	SA Decachlor...	9.087	7.918	60861868	26380198	20.042	19.778
Target Compounds							
2)	A alpha-BHC	4.004	3.272	38358682	19189532	9.223	9.828
3)	MA gamma-BHC...	4.337	3.601	36904834	17785748	9.509	9.800
4)	MA Heptachlor	4.919	0.000	152784	0	0.039	N.D. #
5)	MB Aldrin	5.251f	0.000	129666	0	0.034	N.D. #
6)	B beta-BHC	4.532	3.897	17717426	9011069	10.561	11.095
8)	B Heptachlo...	5.690	0.000	1275751	0	0.395	N.D. #
9)	A Endosulfan I	6.089	0.000	805311	0	0.247	N.D. #
12)	B 4,4'-DDE	6.207	5.233	267731	329644	0.084	0.210 #
14)	MA Endrin	6.592	5.637	132.3E6	72823850	45.534	48.260
15)	B Endosulfa...	6.823	5.948f	1663114	591125	0.580	0.430 #
16)	A 4,4'-DDD	6.725	5.787	1044276	1062597	0.394	0.806 #
17)	MA 4,4'-DDT	7.040	6.037	287.9E6	143.8E6	98.830	106.480
18)	B Endrin al...	6.940	6.112	3257843	2823930	1.419	2.530 #
20)	A Methoxychlor	7.515	6.612	387.2E6	179.4E6	237.744	238.035
21)	B Endrin ke...	7.661	6.839	7256022	3712554	2.228	2.272
22)	Mirex	8.172f	0.000	5399	0	0.002	N.D. #
24)	Chlordane-2	5.251	0.000	129666	0	0.991	N.D. #
27)	Chlordane-5	0.000	5.948	0	591125	N.D.	9.823 #

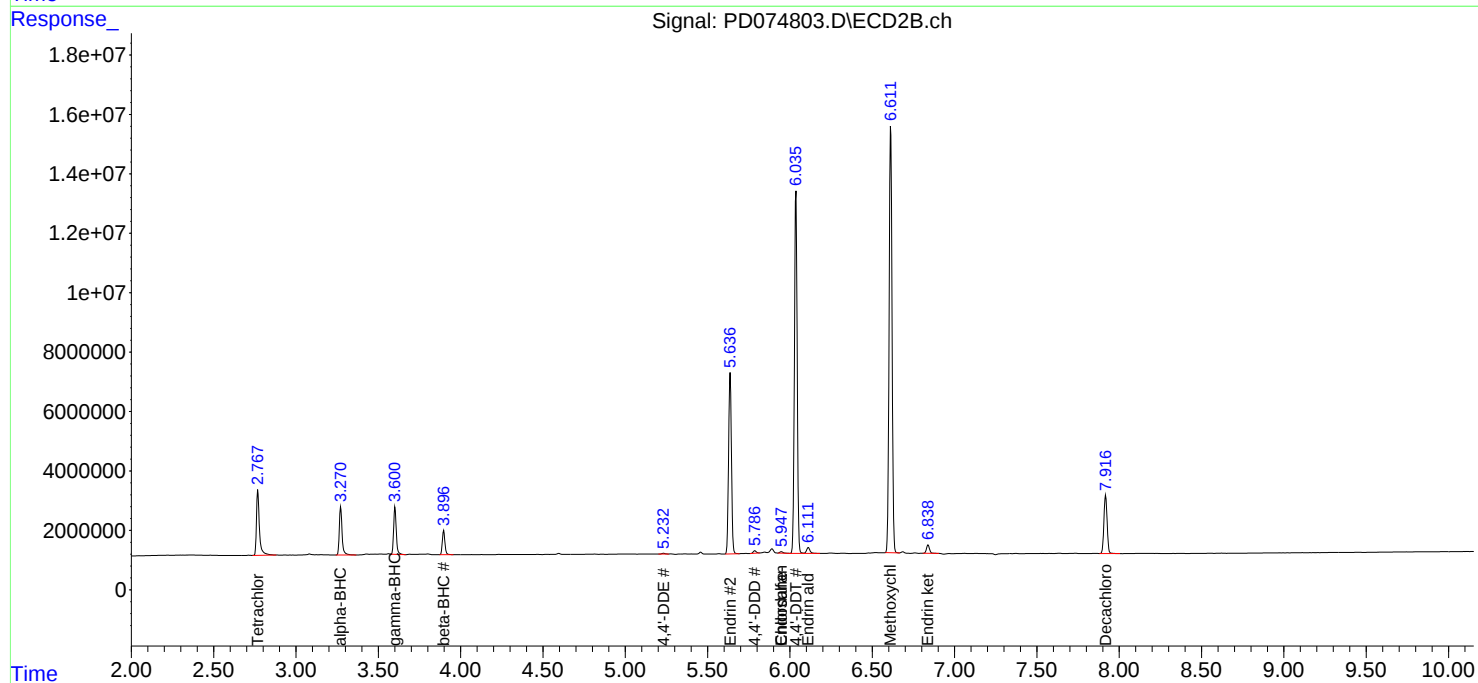
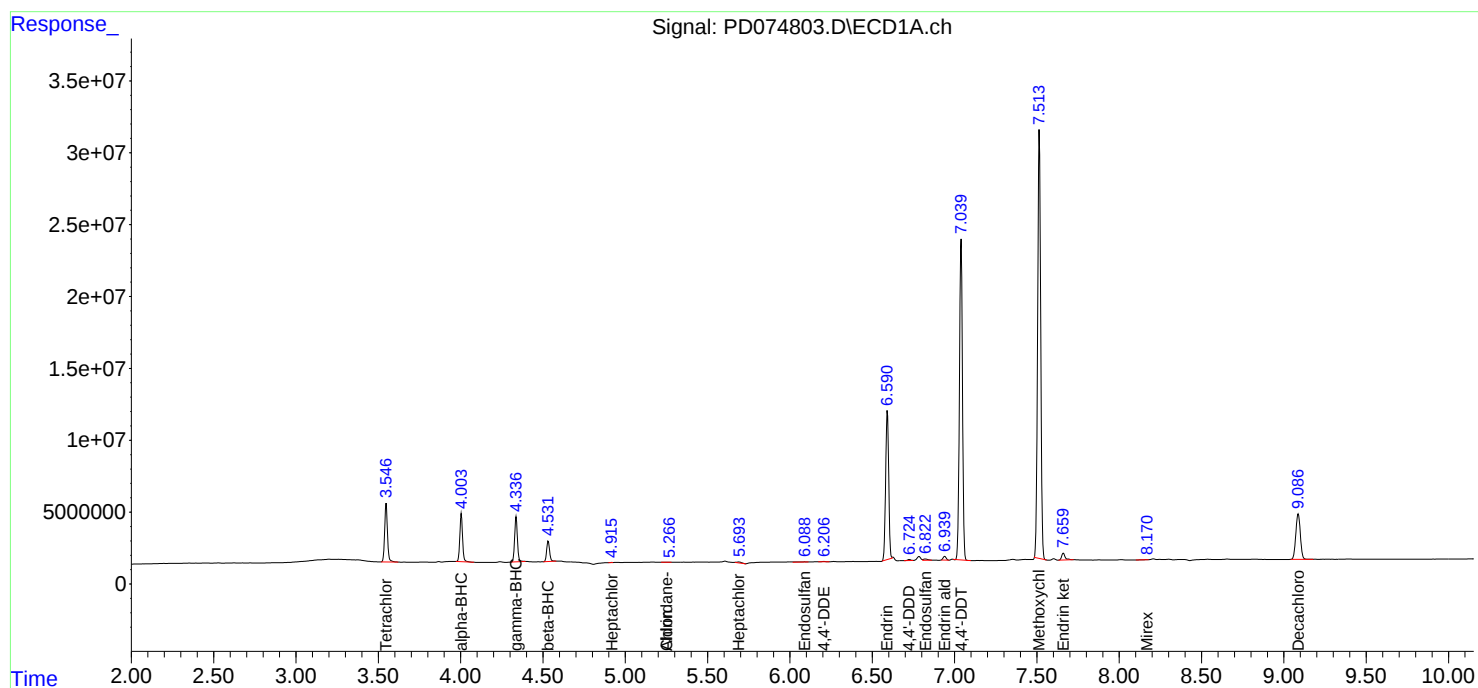
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

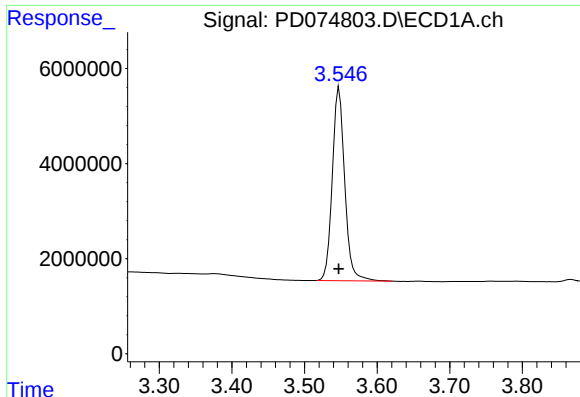
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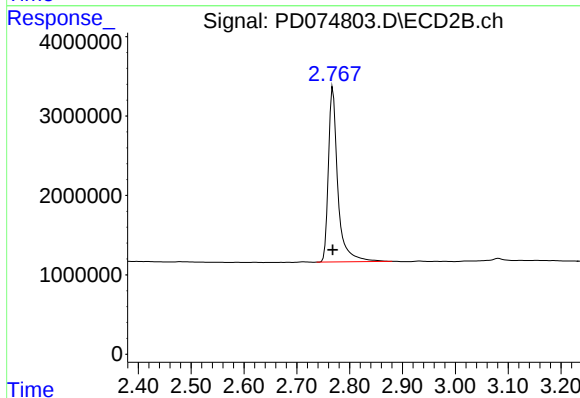




#1 Tetrachloro-m-xylene

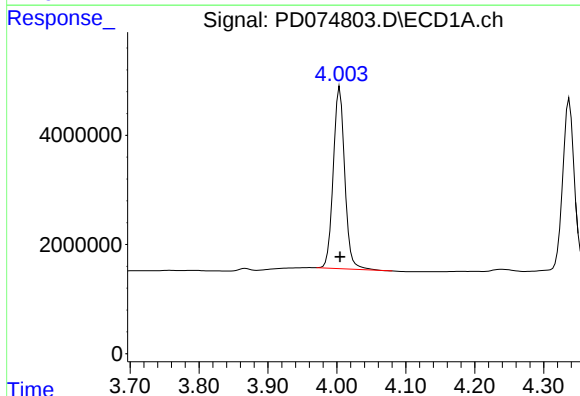
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 48396973
Conc: 20.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



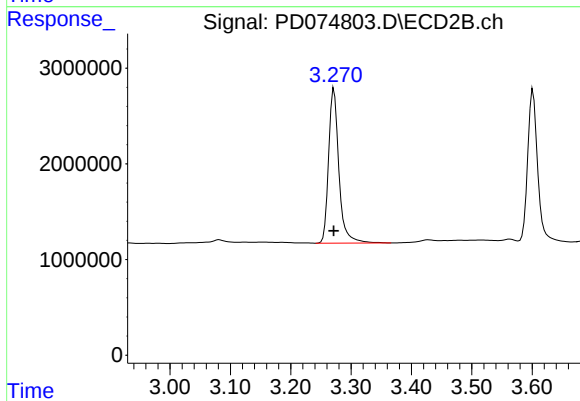
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 27401638
Conc: 21.02 ng/ml



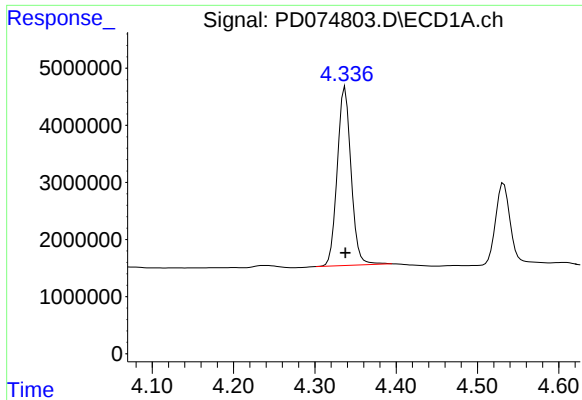
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 38358682
Conc: 9.22 ng/ml



#2 alpha-BHC

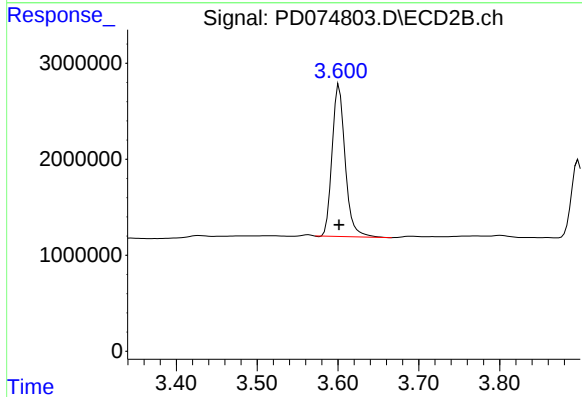
R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 19189532
Conc: 9.83 ng/ml



#3 gamma-BHC (Lindane)

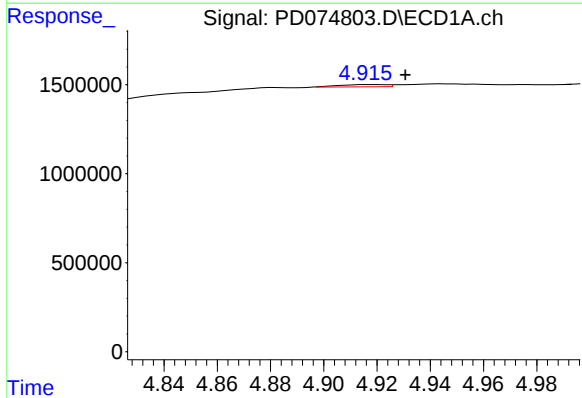
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 36904834
Conc: 9.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



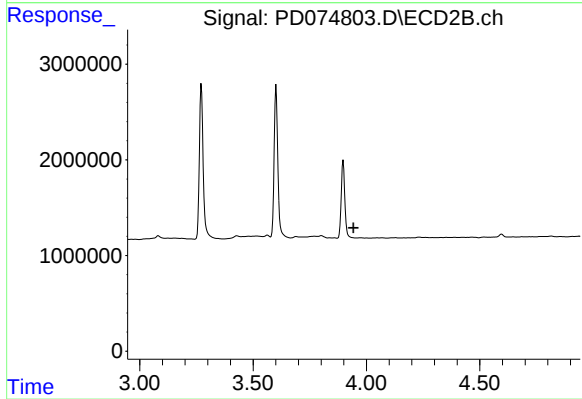
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: 0.000 min
Response: 17785748
Conc: 9.80 ng/ml



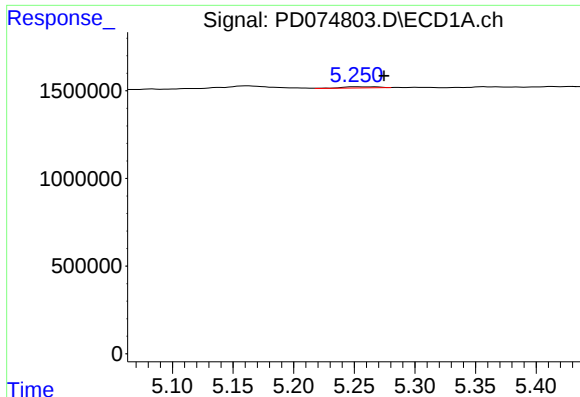
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.012 min
Response: 152784
Conc: 0.04 ng/ml



#4 Heptachlor

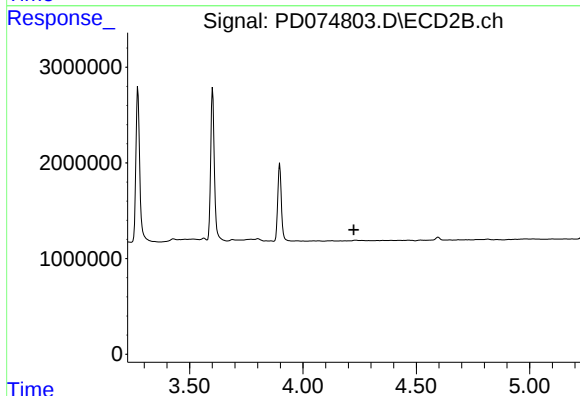
R.T.: 0.000 min
Exp R.T. : 3.943 min
Response: 0
Conc: N.D.



#5 Aldrin

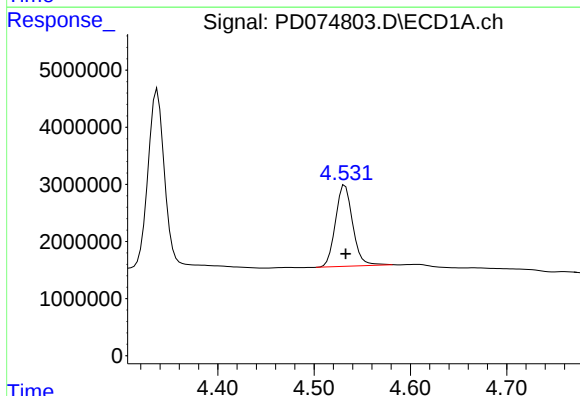
R.T.: 5.251 min
Delta R.T.: -0.023 min
Response: 129666
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



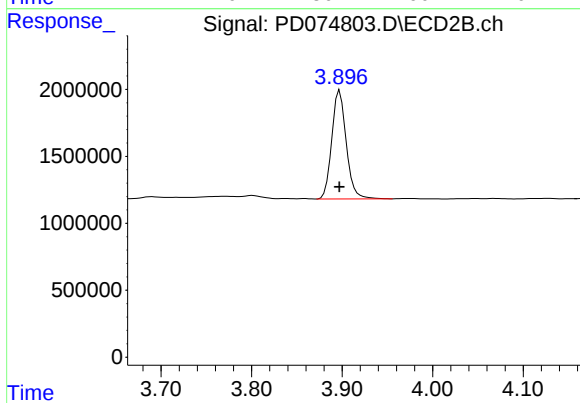
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 4.224 min
Response: 0
Conc: N.D.



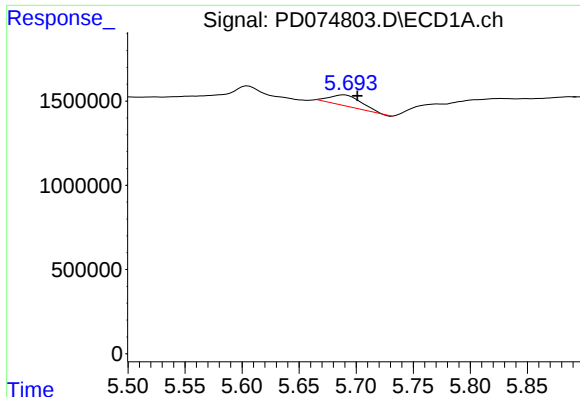
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 17717426
Conc: 10.56 ng/ml



#6 beta-BHC

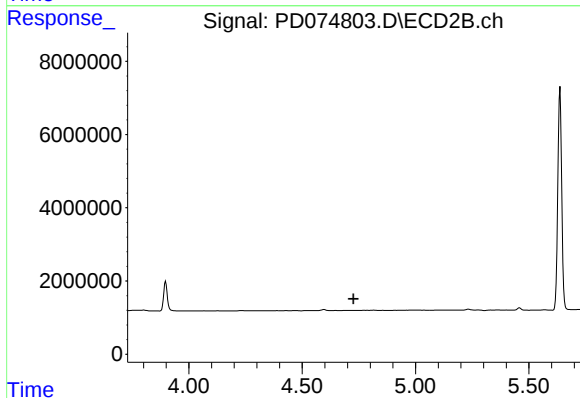
R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 9011069
Conc: 11.09 ng/ml



#8 Heptachlor epoxide

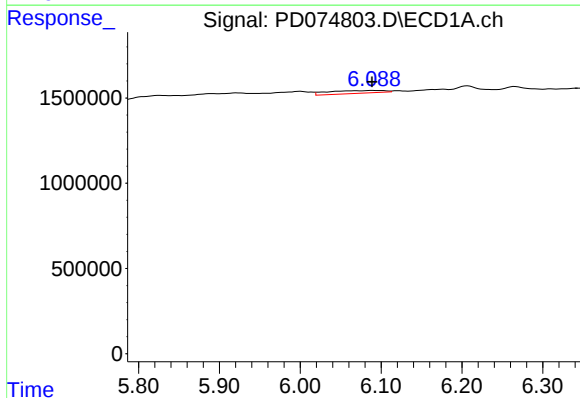
R.T.: 5.690 min
Delta R.T.: -0.012 min
Response: 1275751
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



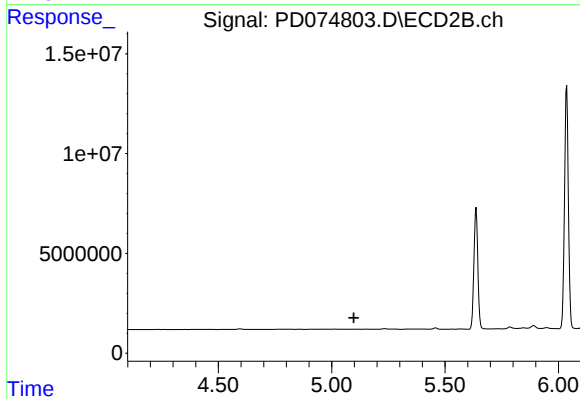
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



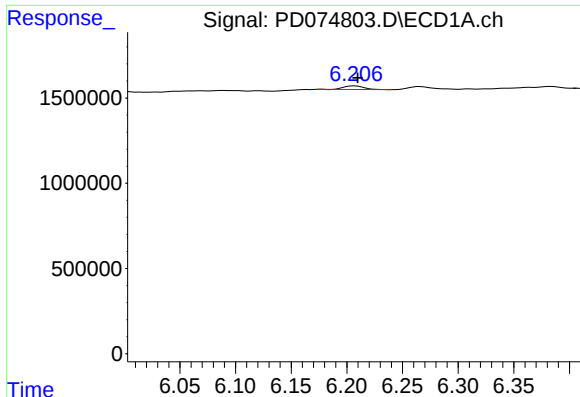
#9 Endosulfan I

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 805311
Conc: 0.25 ng/ml



#9 Endosulfan I

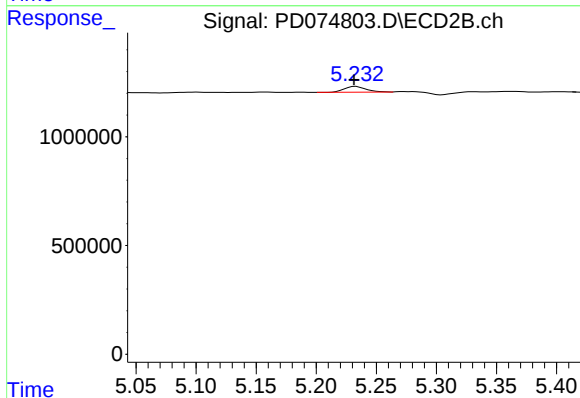
R.T.: 0.000 min
Exp R.T. : 5.097 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

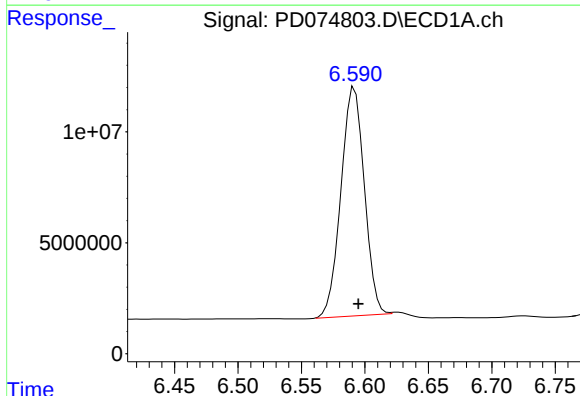
R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 267731
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



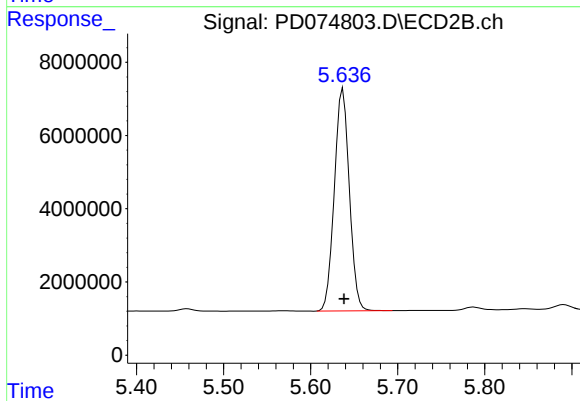
#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: 0.002 min
Response: 329644
Conc: 0.21 ng/ml



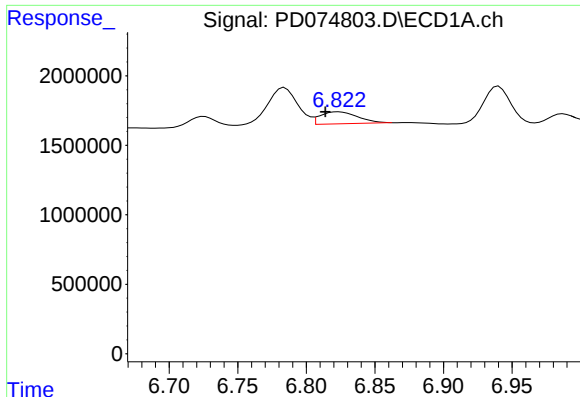
#14 Endrin

R.T.: 6.592 min
Delta R.T.: -0.003 min
Response: 132298159
Conc: 45.53 ng/ml



#14 Endrin

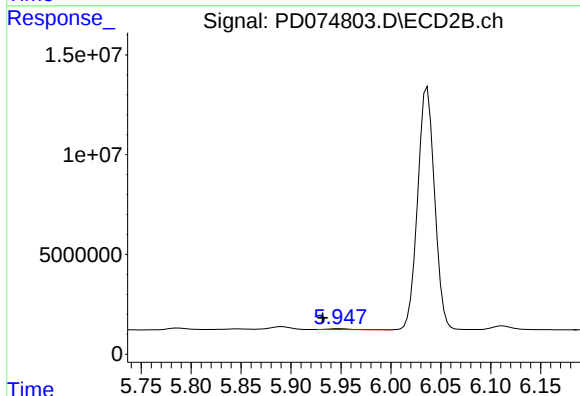
R.T.: 5.637 min
Delta R.T.: -0.001 min
Response: 72823850
Conc: 48.26 ng/ml



#15 Endosulfan II

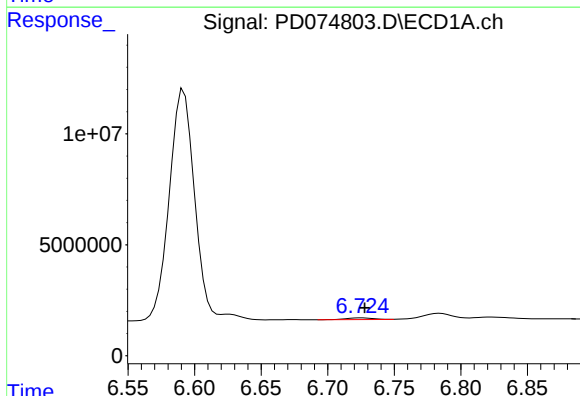
R.T.: 6.823 min
Delta R.T.: 0.009 min
Response: 1663114
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



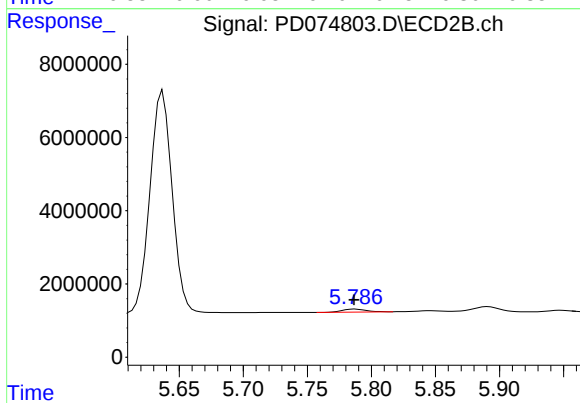
#15 Endosulfan II

R.T.: 5.948 min
Delta R.T.: 0.016 min
Response: 591125
Conc: 0.43 ng/ml



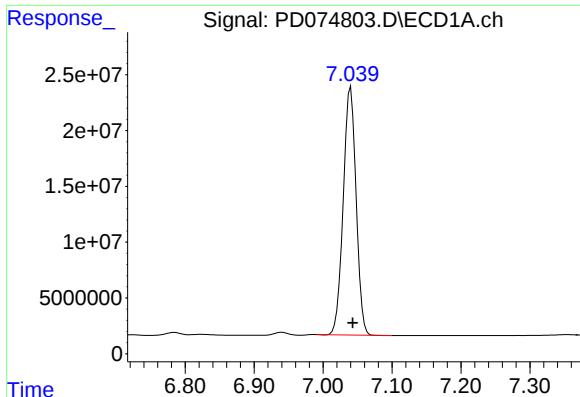
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 1044276
Conc: 0.39 ng/ml



#16 4,4'-DDD

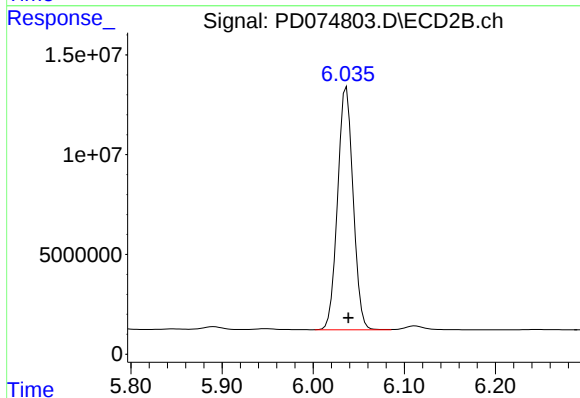
R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 1062597
Conc: 0.81 ng/ml



#17 4,4'-DDT

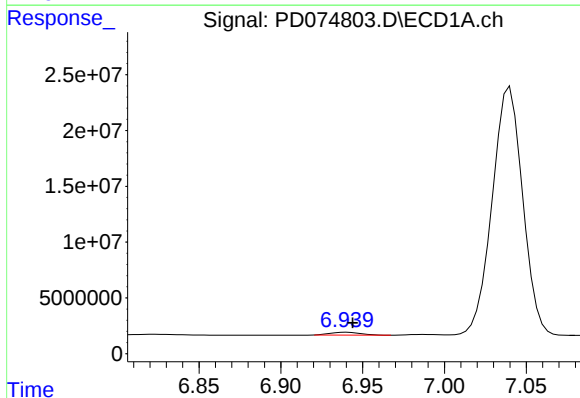
R.T.: 7.040 min
Delta R.T.: -0.003 min
Response: 287942981
Conc: 98.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



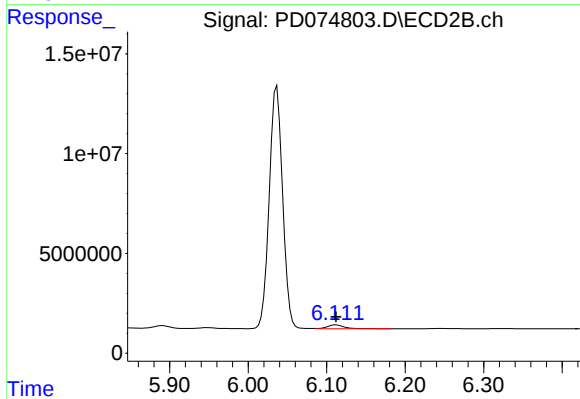
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: -0.002 min
Response: 143810998
Conc: 106.48 ng/ml



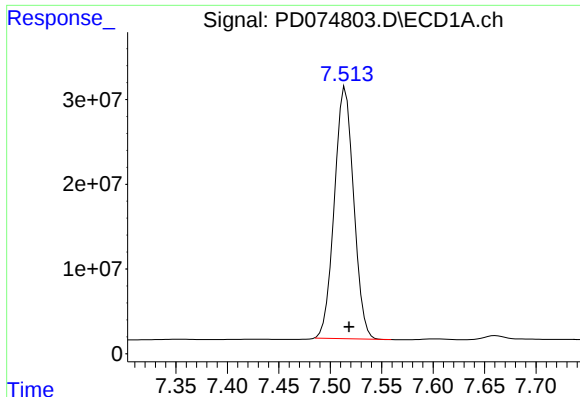
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: -0.004 min
Response: 3257843
Conc: 1.42 ng/ml



#18 Endrin aldehyde

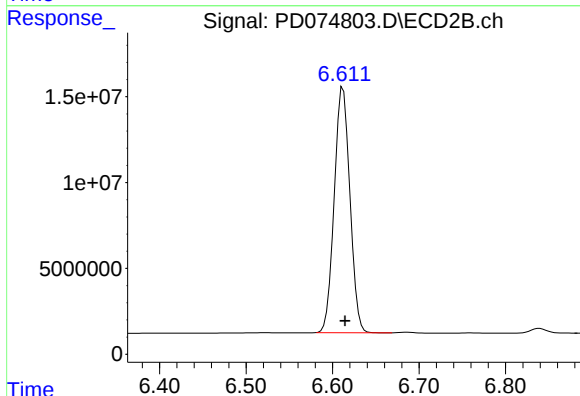
R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 2823930
Conc: 2.53 ng/ml



#20 Methoxychlor

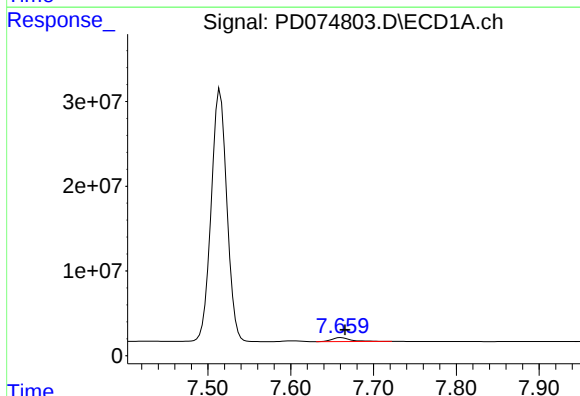
R.T.: 7.515 min
Delta R.T.: -0.004 min
Response: 387163661
Conc: 237.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



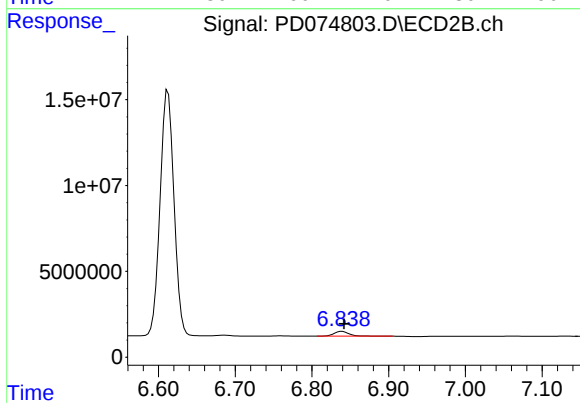
#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.002 min
Response: 179409999
Conc: 238.04 ng/ml



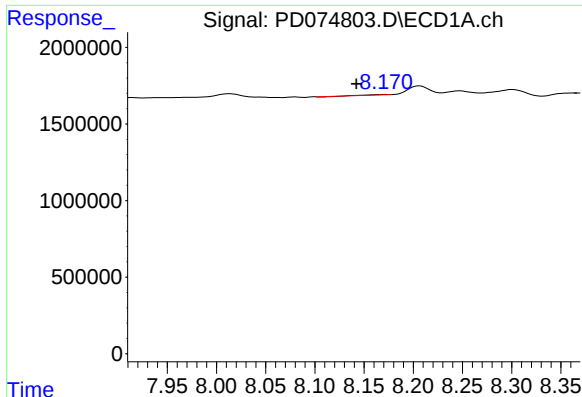
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: -0.005 min
Response: 7256022
Conc: 2.23 ng/ml



#21 Endrin ketone

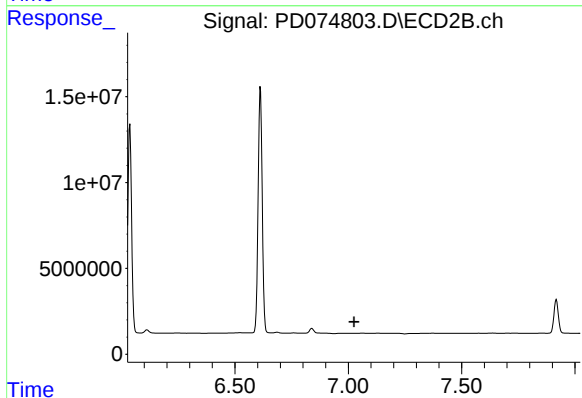
R.T.: 6.839 min
Delta R.T.: -0.003 min
Response: 3712554
Conc: 2.27 ng/ml



#22 Mirex

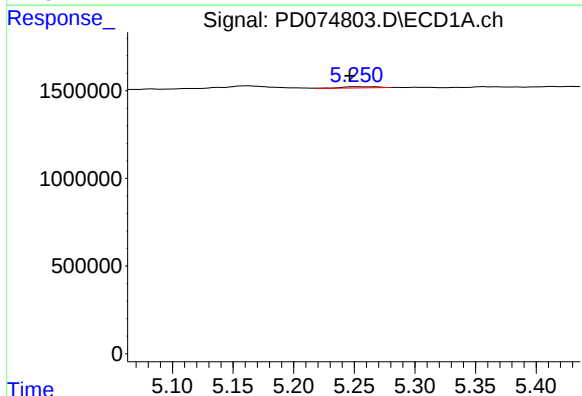
R.T.: 8.172 min
Delta R.T.: 0.029 min
Response: 5399
Conc: 0.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



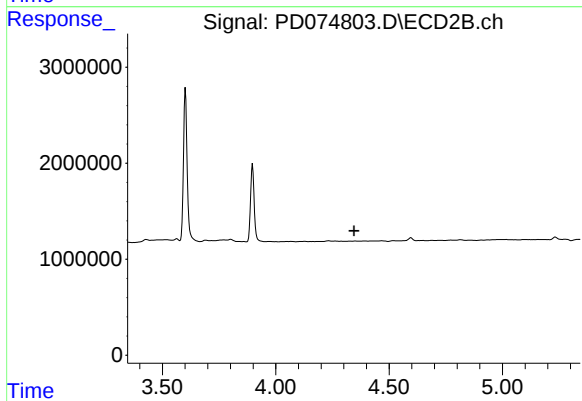
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.025 min
Response: 0
Conc: N.D.



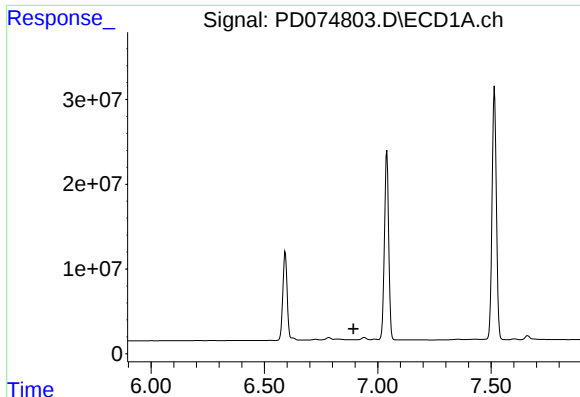
#24 Chlordane-2

R.T.: 5.251 min
Delta R.T.: 0.005 min
Response: 129666
Conc: 0.99 ng/ml



#24 Chlordane-2

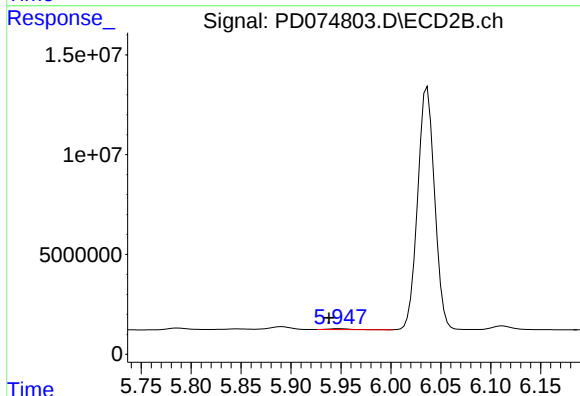
R.T.: 0.000 min
Exp R.T. : 4.346 min
Response: 0
Conc: N.D.



#27 Chlordane-5

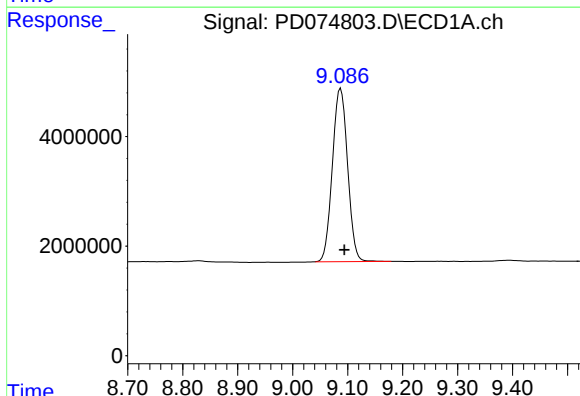
R.T.: 0.000 min
Exp R.T.: 6.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



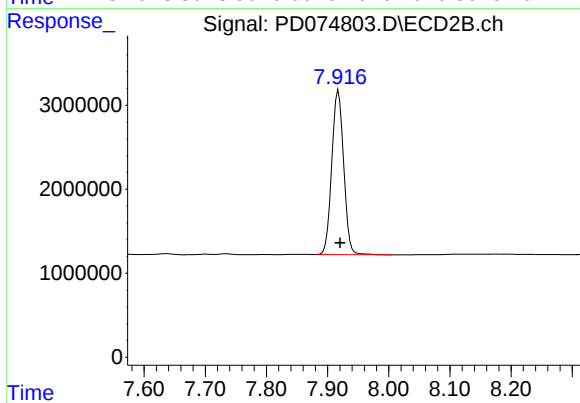
#27 Chlordane-5

R.T.: 5.948 min
Delta R.T.: 0.010 min
Response: 591125
Conc: 9.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.007 min
Response: 60861868
Conc: 20.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 26380198
Conc: 19.78 ng/ml