

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
 Data File : PD074606.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 09:23
 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 07 21:57:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 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...	3.551	2.771	46196005	23586057	19.804	19.380
2)	SA Decachlor...	9.092	7.921	52206710	23268537	19.520	18.965
Target Compounds							
2)	A alpha-BHC	4.007	3.274	36037031	16356035	9.286	8.801
3)	MA gamma-BHC...	4.340	3.604	34893250	15497627	9.946	9.046
6)	B beta-BHC	4.535	3.900	16714538	7816494	11.310	10.352
7)	B delta-BHC	4.776	0.000	2843882	0	1.036	N.D. #
8)	B Heptachlo...	5.693	0.000	807801	0	0.287	N.D. #
12)	B 4,4'-DDE	6.210	5.234	601887	290595	0.218	0.206
13)	MA Dieldrin	6.388f	0.000	685278	0	0.232	N.D. #
14)	MA Endrin	6.595	5.640	114.5E6	54025837	46.068	41.337
15)	B Endosulfa...	6.830	5.950	1770883	658823	0.687	0.524
16)	A 4,4'-DDD	6.727	5.788	5500272	2609509	2.452	2.235
17)	MA 4,4'-DDT	7.043	6.040	254.5E6	110.8E6	99.830	90.219
18)	B Endrin al...	6.944	6.114	4811441	2775823	2.407	2.733
20)	A Methoxychlor	7.518	6.615	341.0E6	139.5E6	243.696	206.131
21)	B Endrin ke...	7.665	6.842	10246807	5833069	3.681	3.954
22)	Mirex	8.171f	0.000	152619	0	0.072	N.D. #
27)	Chlordane-5	0.000	5.950	0	658823	N.D.	10.914 #

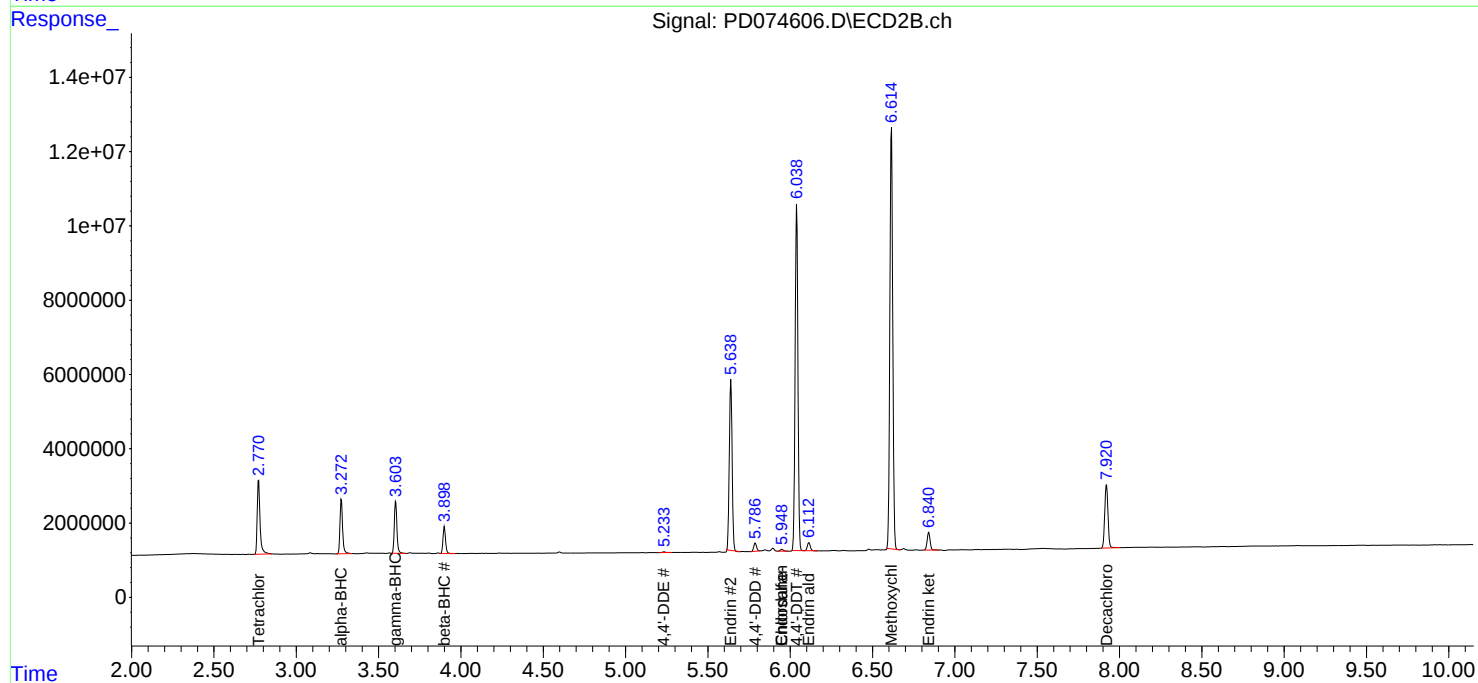
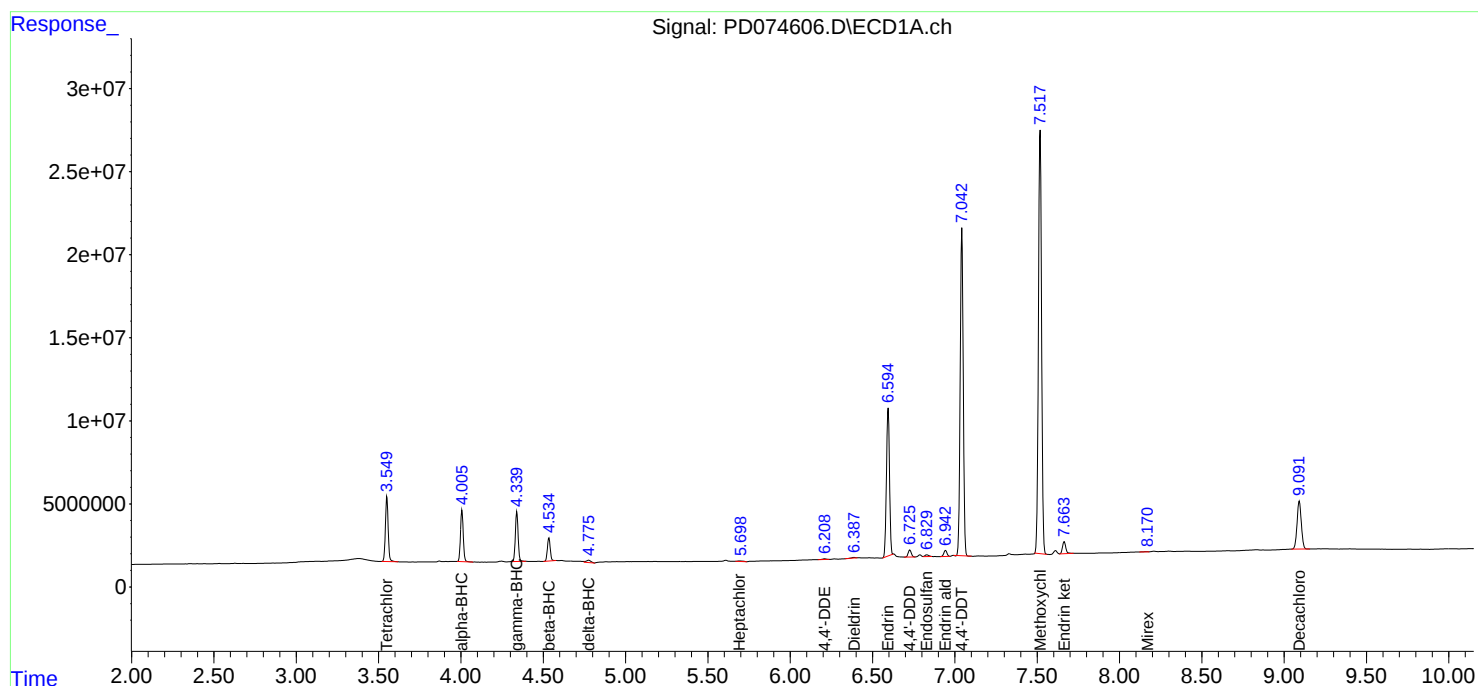
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

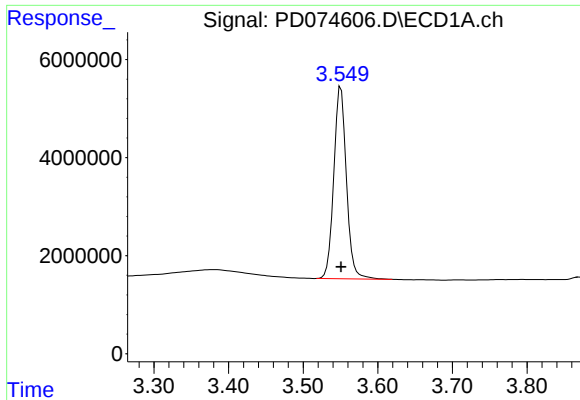
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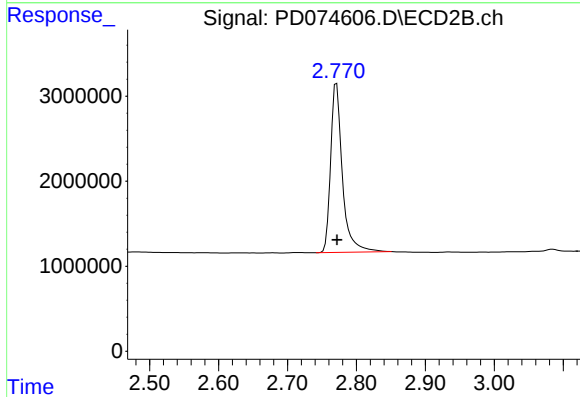




#1 Tetrachloro-m-xylene

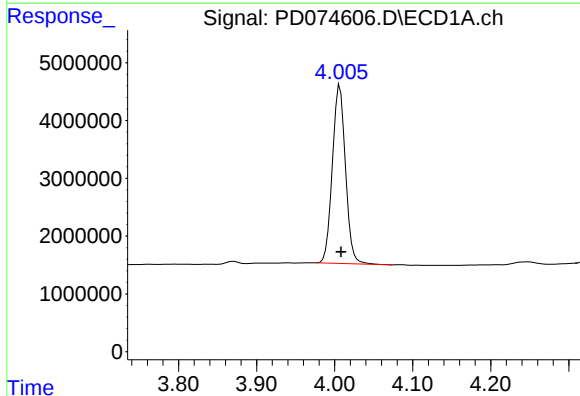
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 46196005
Conc: 19.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



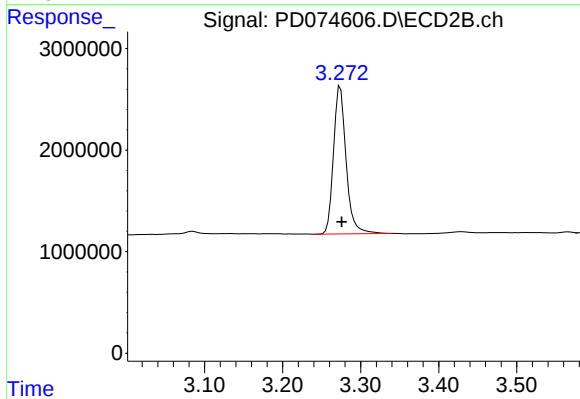
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 23586057
Conc: 19.38 ng/ml



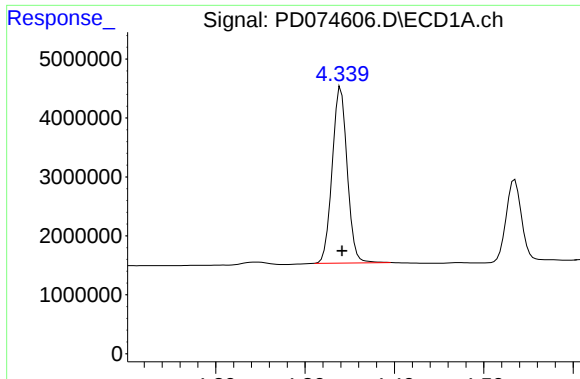
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 36037031
Conc: 9.29 ng/ml



#2 alpha-BHC

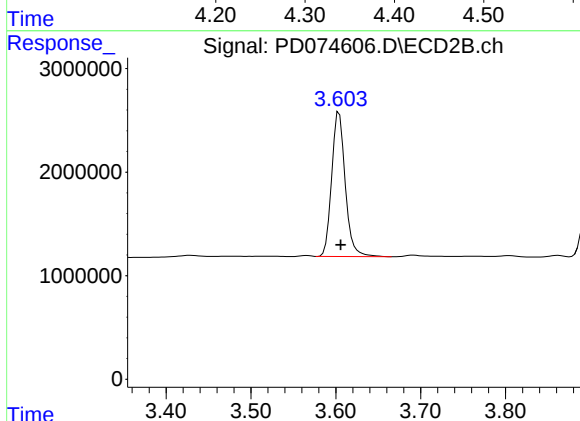
R.T.: 3.274 min
Delta R.T.: -0.002 min
Response: 16356035
Conc: 8.80 ng/ml



#3 gamma-BHC (Lindane)

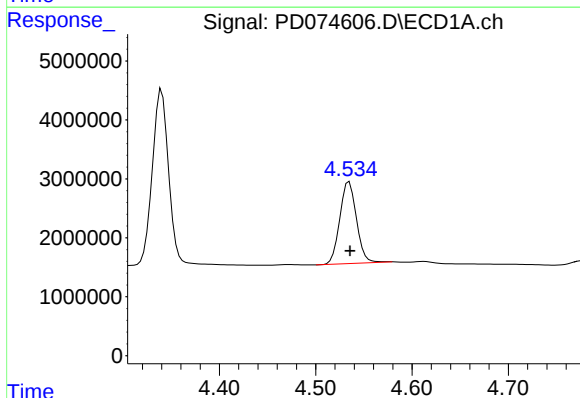
R.T.: 4.340 min
Delta R.T.: -0.001 min
Response: 34893250
Conc: 9.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



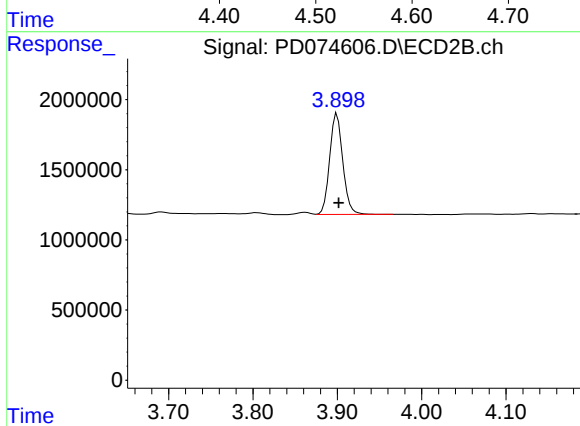
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.002 min
Response: 15497627
Conc: 9.05 ng/ml



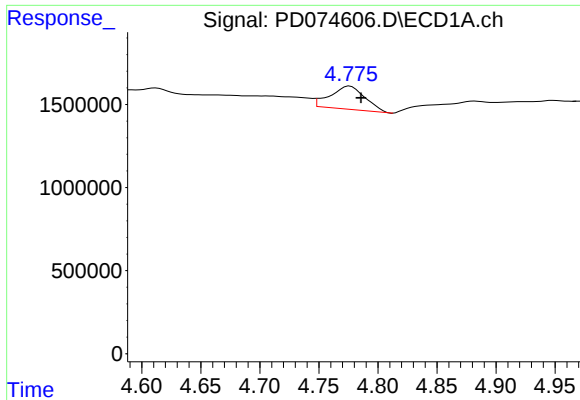
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 16714538
Conc: 11.31 ng/ml



#6 beta-BHC

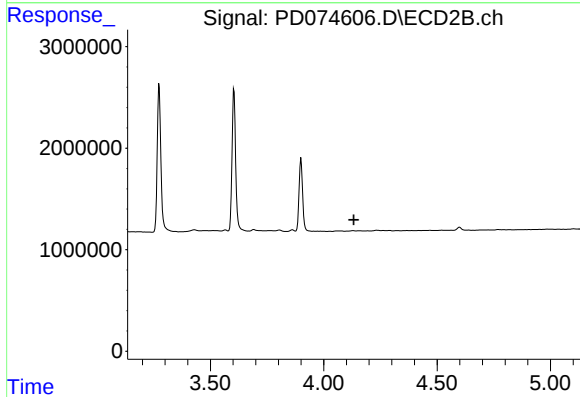
R.T.: 3.900 min
Delta R.T.: -0.002 min
Response: 7816494
Conc: 10.35 ng/ml



#7 delta-BHC

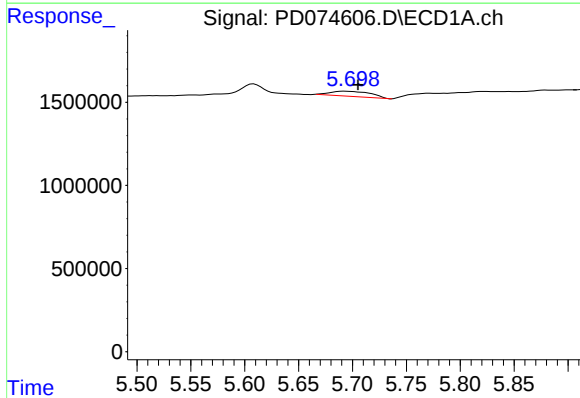
R.T.: 4.776 min
Delta R.T.: -0.009 min
Response: 2843882
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



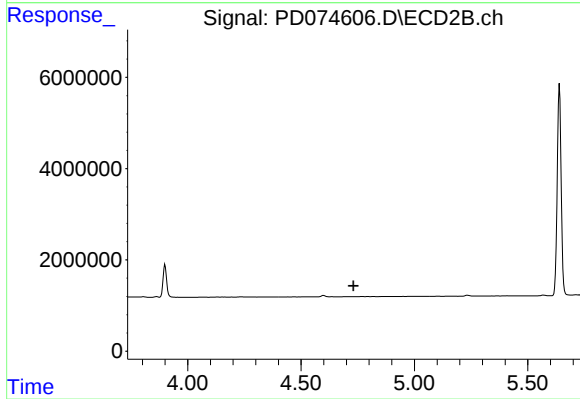
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.133 min
Response: 0
Conc: N.D.



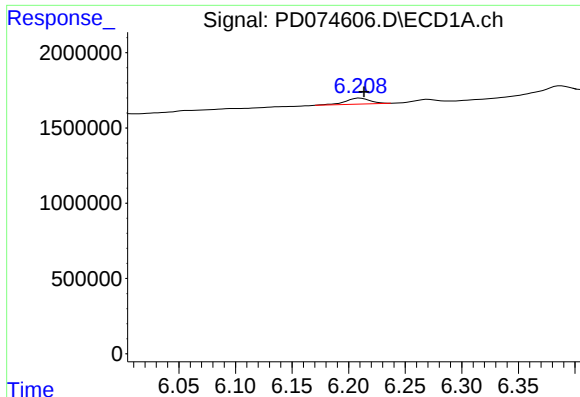
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: -0.013 min
Response: 807801
Conc: 0.29 ng/ml



#8 Heptachlor epoxide

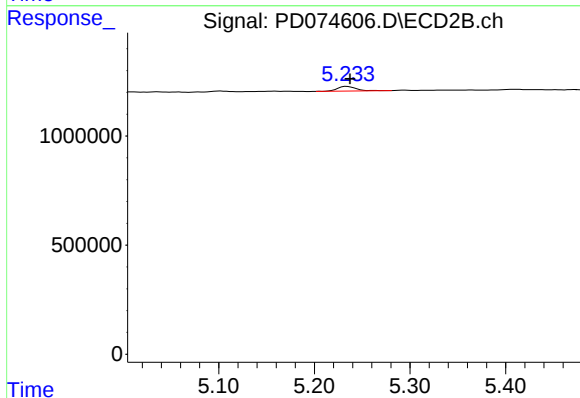
R.T.: 0.000 min
Exp R.T. : 4.732 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

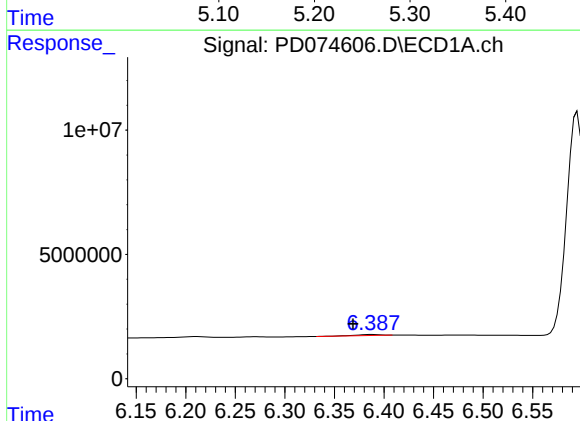
R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 601887
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



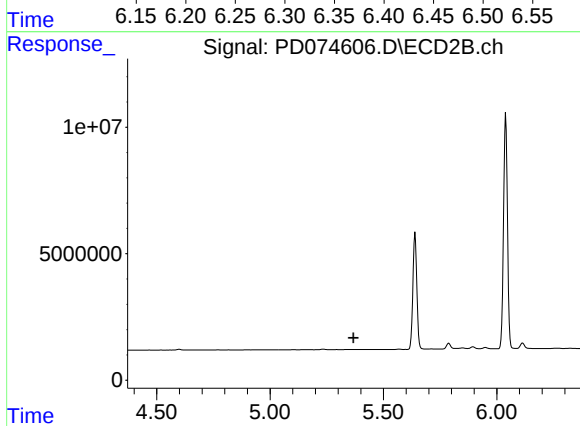
#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: -0.003 min
Response: 290595
Conc: 0.21 ng/ml



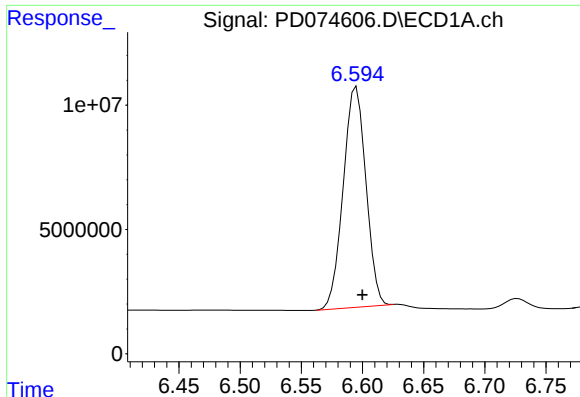
#13 Dieldrin

R.T.: 6.388 min
Delta R.T.: 0.019 min
Response: 685278
Conc: 0.23 ng/ml



#13 Dieldrin

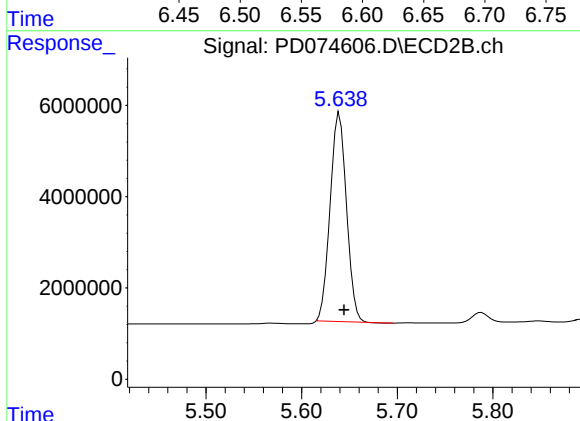
R.T.: 0.000 min
Exp R.T. : 5.369 min
Response: 0
Conc: N.D.



#14 Endrin

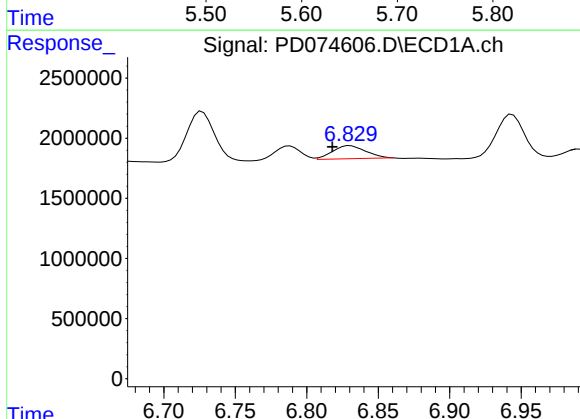
R.T.: 6.595 min
Delta R.T.: -0.005 min
Response: 114484219
Conc: 46.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



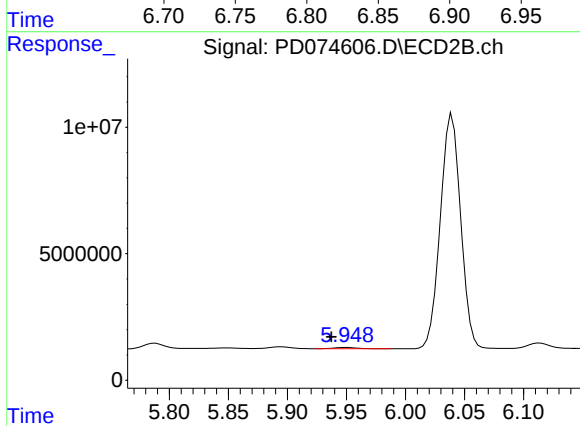
#14 Endrin

R.T.: 5.640 min
Delta R.T.: -0.005 min
Response: 54025837
Conc: 41.34 ng/ml



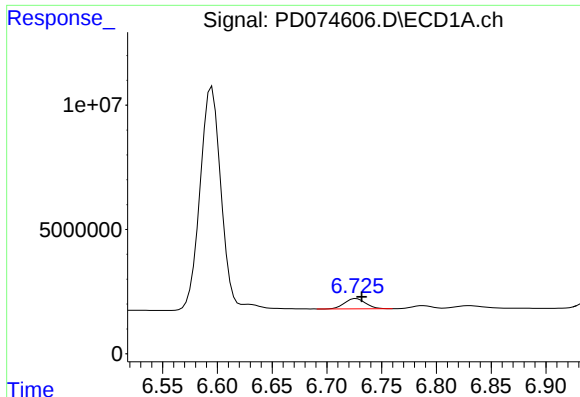
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.012 min
Response: 1770883
Conc: 0.69 ng/ml



#15 Endosulfan II

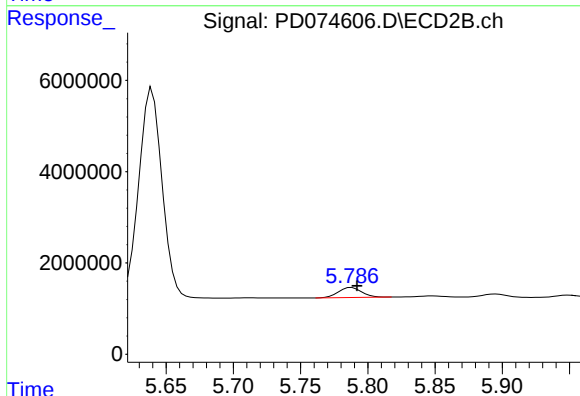
R.T.: 5.950 min
Delta R.T.: 0.012 min
Response: 658823
Conc: 0.52 ng/ml



#16 4,4'-DDD

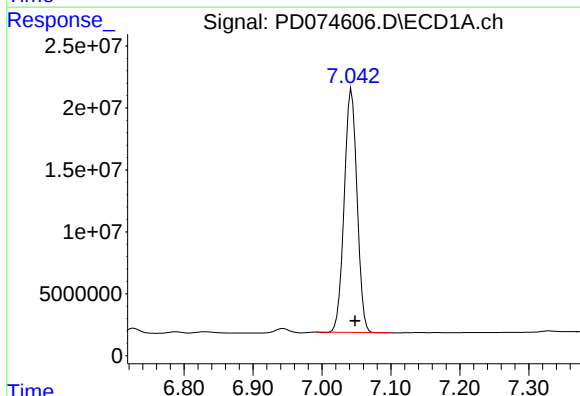
R.T.: 6.727 min
Delta R.T.: -0.005 min
Response: 5500272
Conc: 2.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



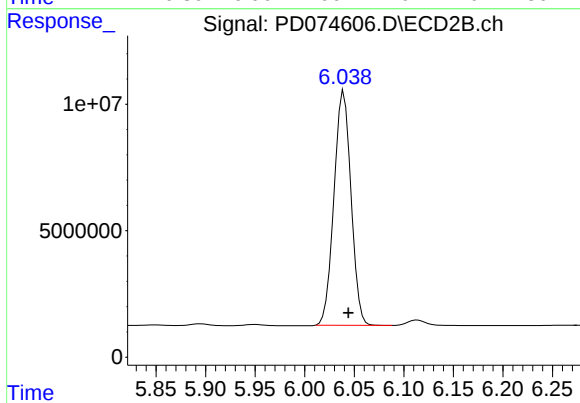
#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 2609509
Conc: 2.24 ng/ml



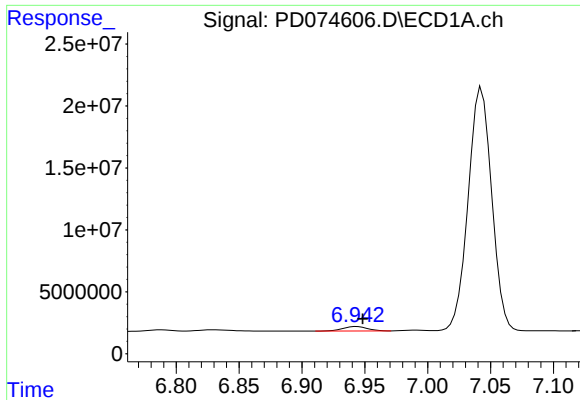
#17 4,4'-DDT

R.T.: 7.043 min
Delta R.T.: -0.005 min
Response: 254473136
Conc: 99.83 ng/ml



#17 4,4'-DDT

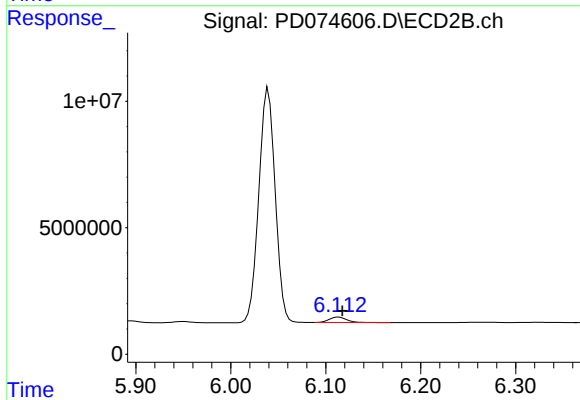
R.T.: 6.040 min
Delta R.T.: -0.005 min
Response: 110790885
Conc: 90.22 ng/ml



#18 Endrin aldehyde

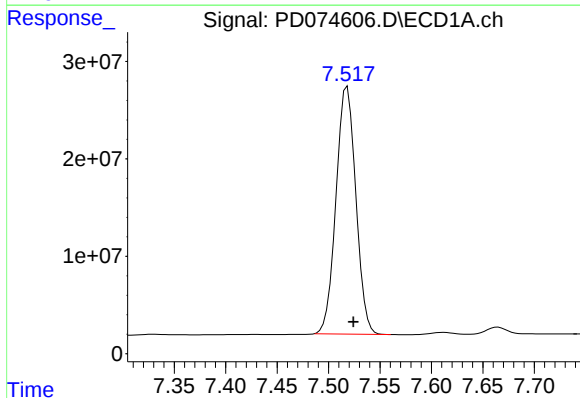
R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 4811441
Conc: 2.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



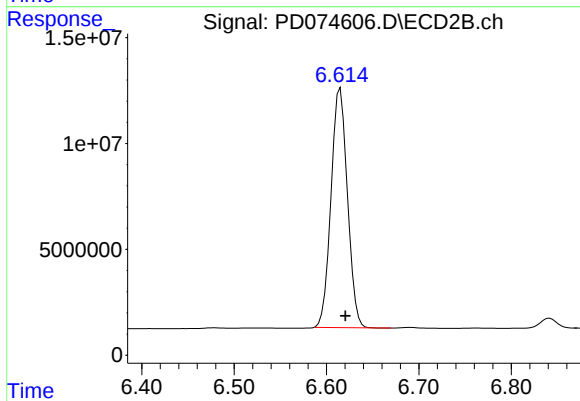
#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: -0.004 min
Response: 2775823
Conc: 2.73 ng/ml



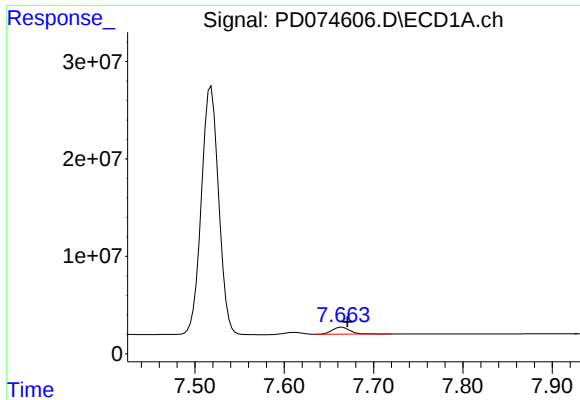
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: -0.006 min
Response: 340975546
Conc: 243.70 ng/ml



#20 Methoxychlor

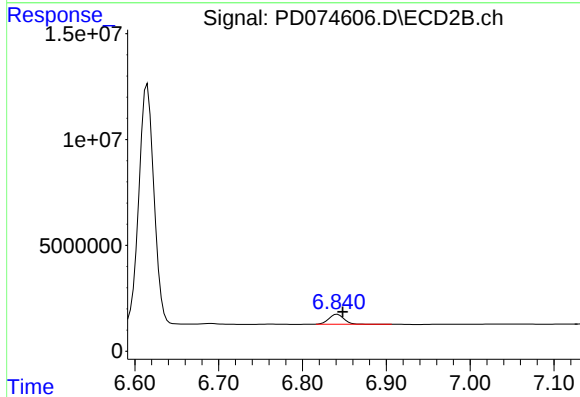
R.T.: 6.615 min
Delta R.T.: -0.006 min
Response: 139473800
Conc: 206.13 ng/ml



#21 Endrin ketone

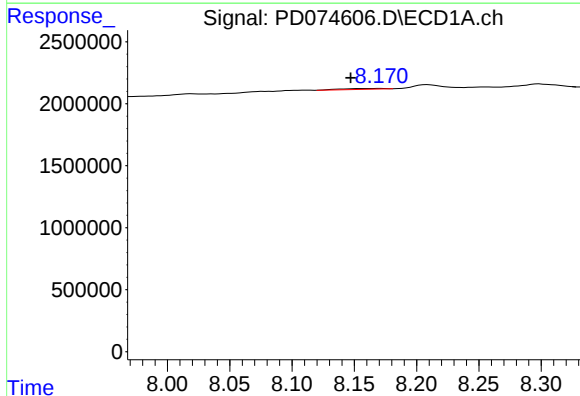
R.T.: 7.665 min
Delta R.T.: -0.006 min
Response: 10246807
Conc: 3.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



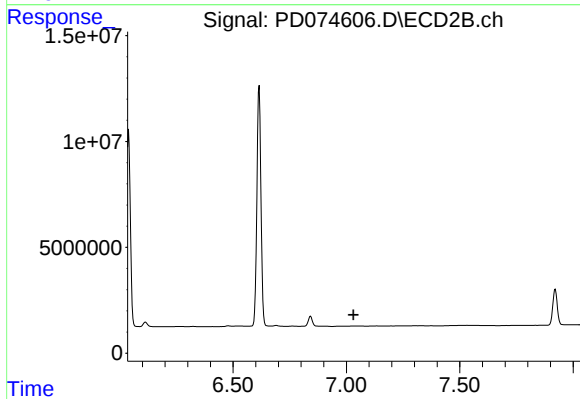
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: -0.006 min
Response: 5833069
Conc: 3.95 ng/ml



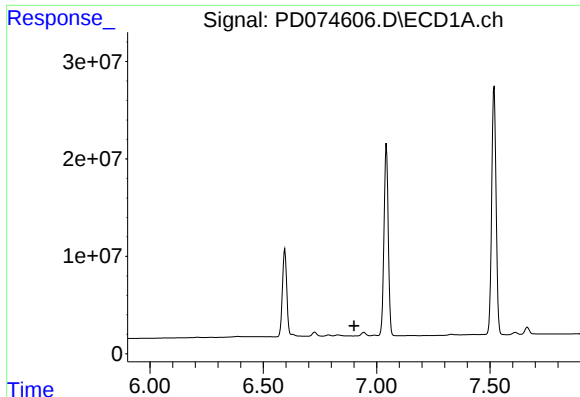
#22 Mirex

R.T.: 8.171 min
Delta R.T.: 0.024 min
Response: 152619
Conc: 0.07 ng/ml



#22 Mirex

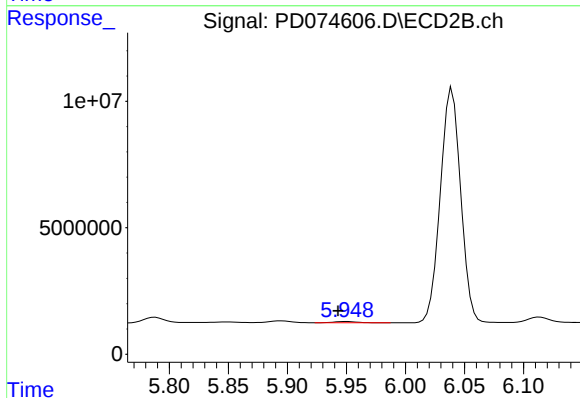
R.T.: 0.000 min
Exp R.T. : 7.032 min
Response: 0
Conc: N.D.



#27 Chlordane-5

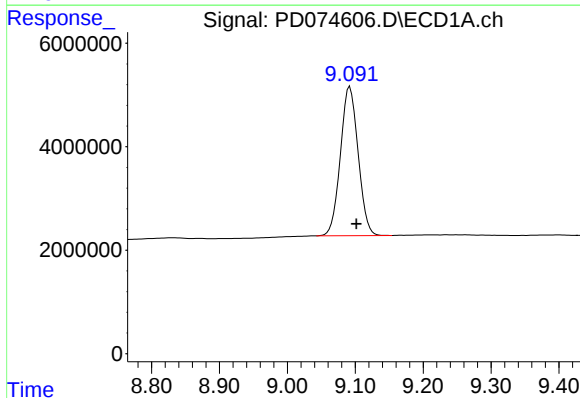
R.T.: 0.000 min
Exp R.T.: 6.901 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



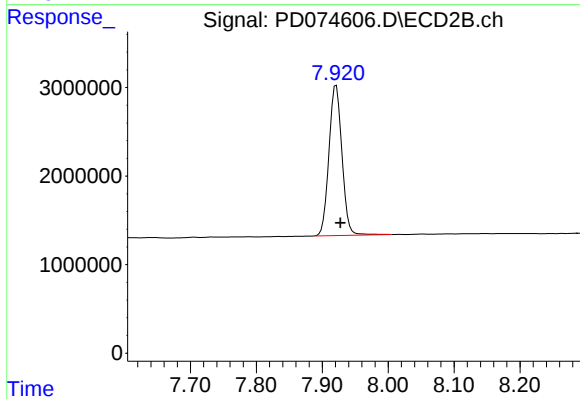
#27 Chlordane-5

R.T.: 5.950 min
Delta R.T.: 0.007 min
Response: 658823
Conc: 10.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: -0.009 min
Response: 52206710
Conc: 19.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.006 min
Response: 23268537
Conc: 18.96 ng/ml