

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082123\
 Data File : PD077281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 18:23
 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: Aug 21 22:25:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 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...	3.543	2.762	45887388	26807094	19.390	19.680
28)	SA Decachlor...	9.082	7.901	57094964	27815974	20.836	19.437
Target Compounds							
2)	A alpha-BHC	3.999	3.263	35924576	18543930	9.356	9.587
3)	MA gamma-BHC...	4.332	3.593	34835373	17175420	9.464	9.232
6)	B beta-BHC	4.530	3.890	16542870	8439455	10.993	11.062
7)	B delta-BHC	4.767	0.000	1011700	0	0.290	N.D. #
8)	B Heptachlo...	5.688	0.000	1681938	0	0.508	N.D. #
12)	B 4,4'-DDE	6.203	5.219	478599	791700	0.161	0.546 #
13)	MA Dieldrin	6.379f	0.000	557102	0	0.170	N.D. #
14)	MA Endrin	6.587	5.625	120.8E6	65073908	43.464	44.473
15)	B Endosulfa...	6.825f	5.933	1751303	595604	0.550	0.404 #
16)	A 4,4'-DDD	6.720	5.772	4558745	2455347	1.938	2.208
17)	MA 4,4'-DDT	7.036	6.023	247.7E6	128.6E6	101.859	115.690
18)	B Endrin al...	6.936	6.098	4326524	3306669	1.981	2.905 #
20)	A Methoxychlor	7.512	6.598	331.3E6	157.7E6	233.834	263.665
21)	B Endrin ke...	7.658	6.827	8977161	5615930	2.981	3.542
27)	Chlordane-5	0.000	5.933	0	595604	N.D.	9.969 #

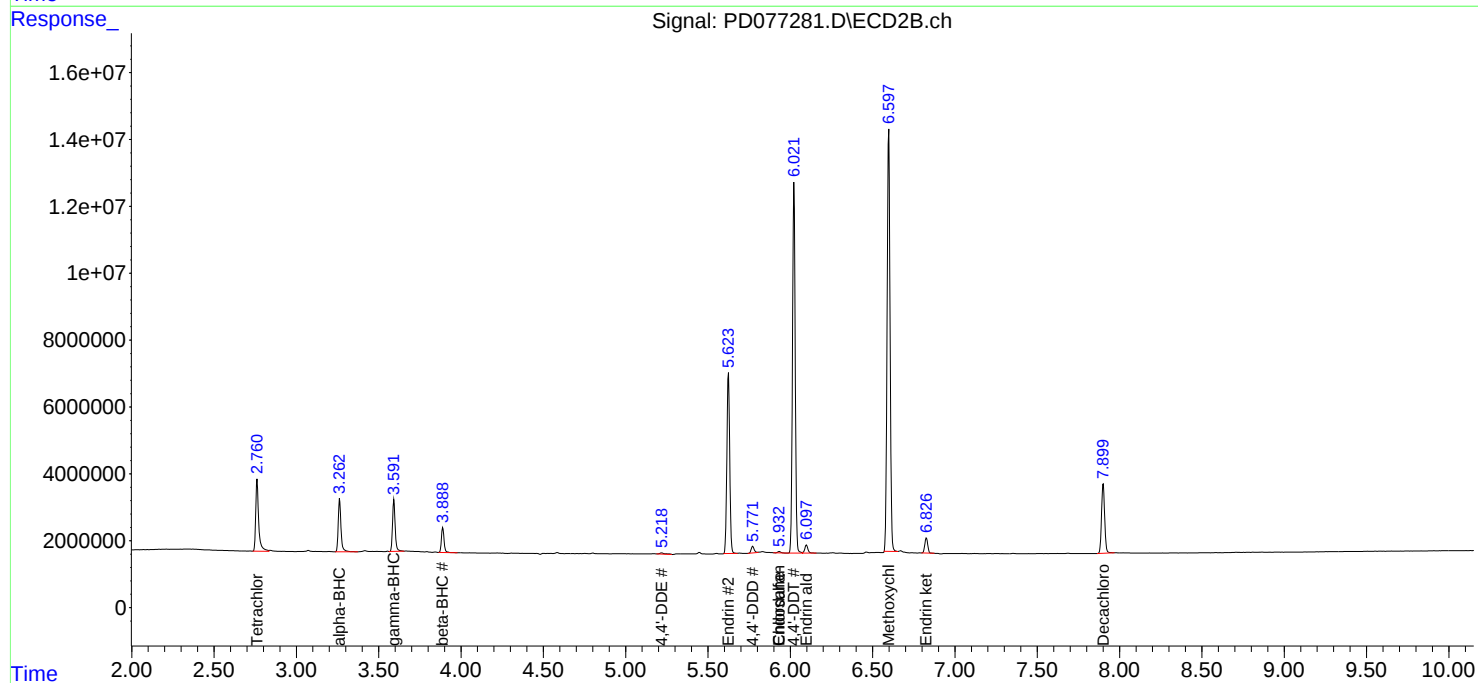
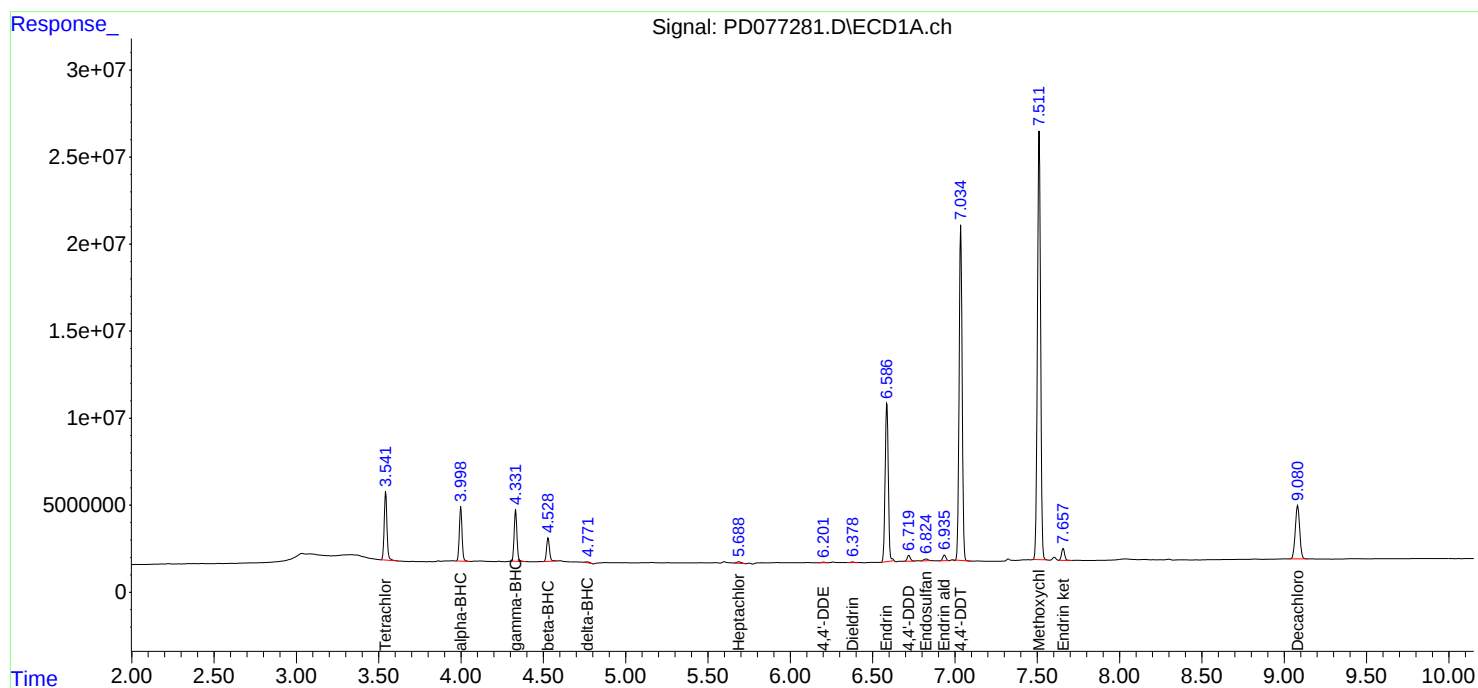
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

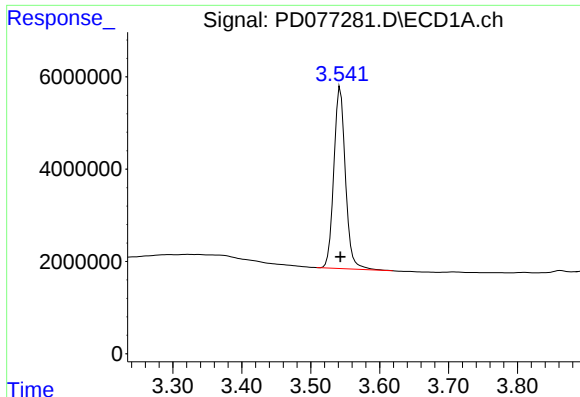
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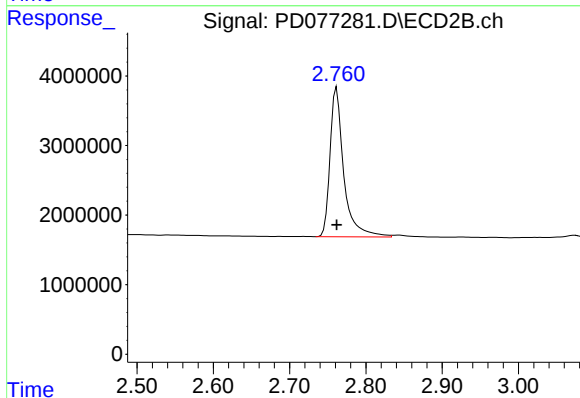




#1 Tetrachloro-m-xylene

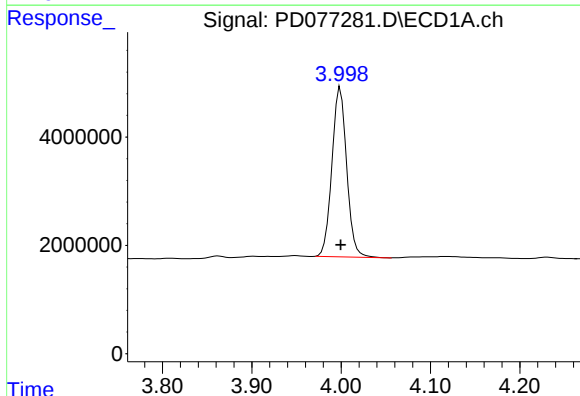
R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 45887388
Conc: 19.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



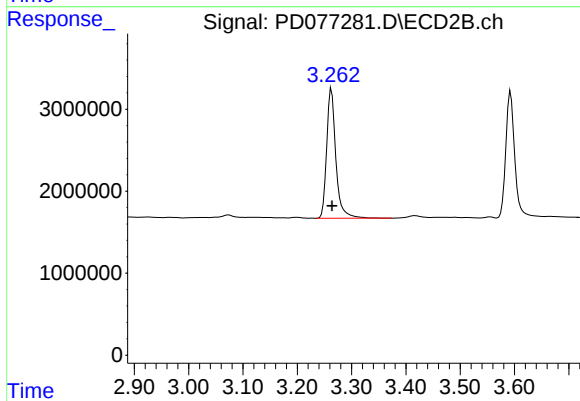
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 26807094
Conc: 19.68 ng/ml



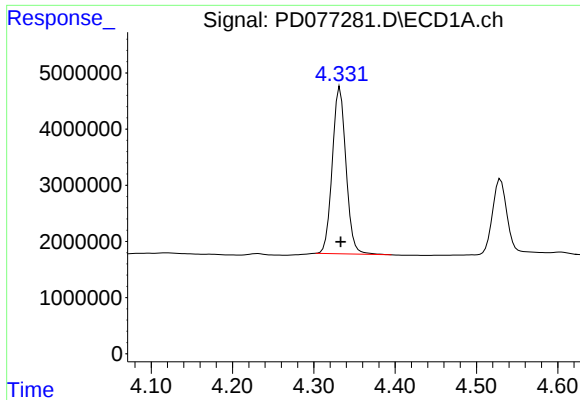
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 35924576
Conc: 9.36 ng/ml



#2 alpha-BHC

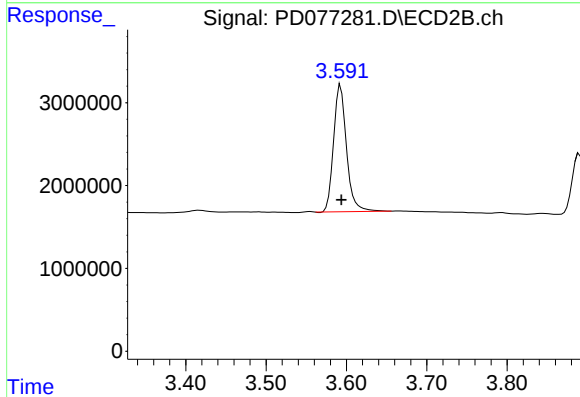
R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 18543930
Conc: 9.59 ng/ml



#3 gamma-BHC (Lindane)

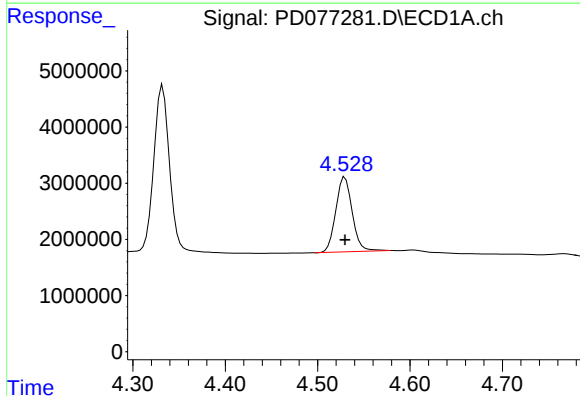
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 34835373
Conc: 9.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



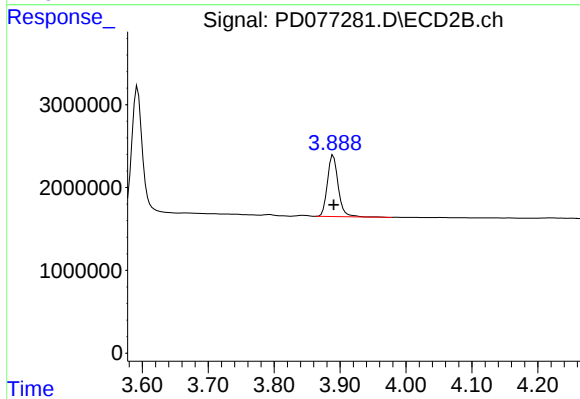
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 17175420
Conc: 9.23 ng/ml



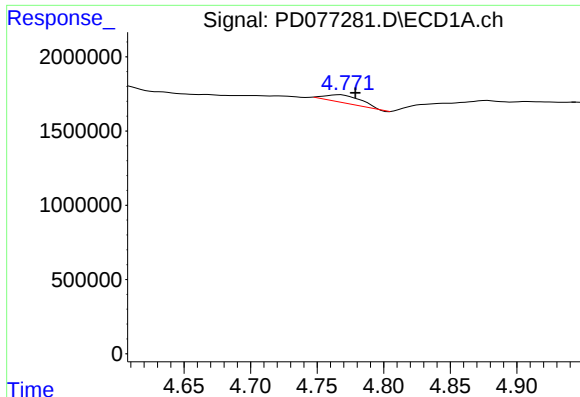
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 16542870
Conc: 10.99 ng/ml



#6 beta-BHC

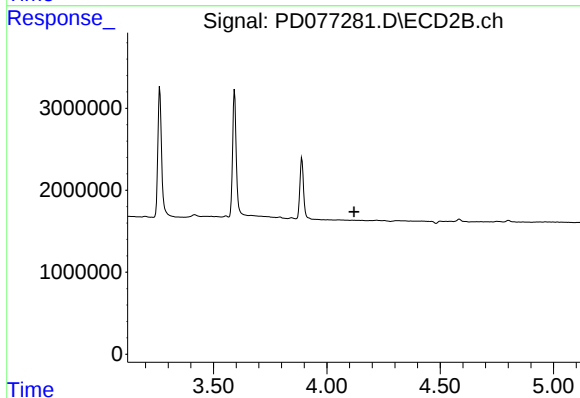
R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 8439455
Conc: 11.06 ng/ml



#7 delta-BHC

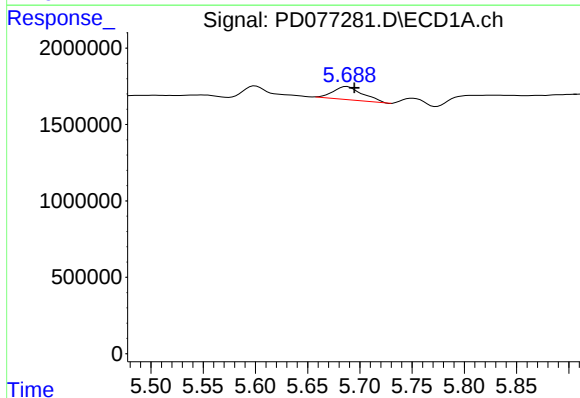
R.T.: 4.767 min
Delta R.T.: -0.011 min
Response: 1011700
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



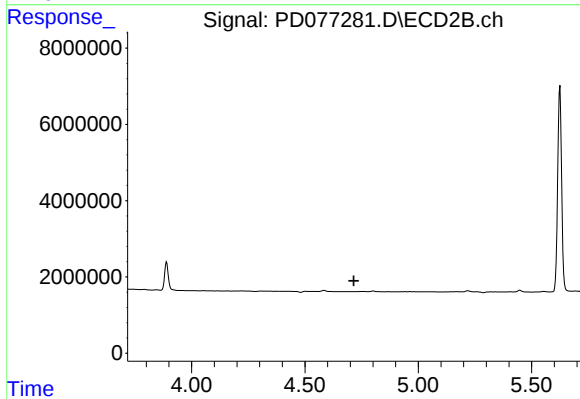
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.120 min
Response: 0
Conc: N.D.



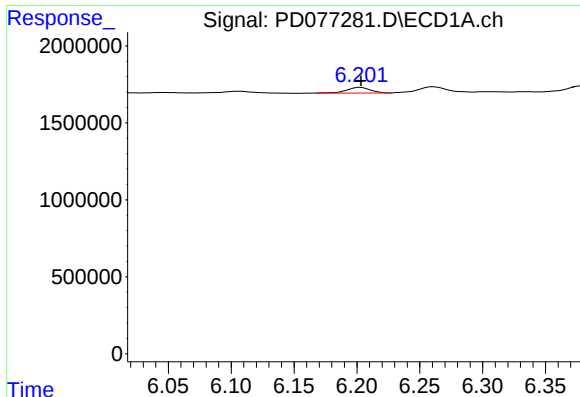
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.007 min
Response: 1681938
Conc: 0.51 ng/ml



#8 Heptachlor epoxide

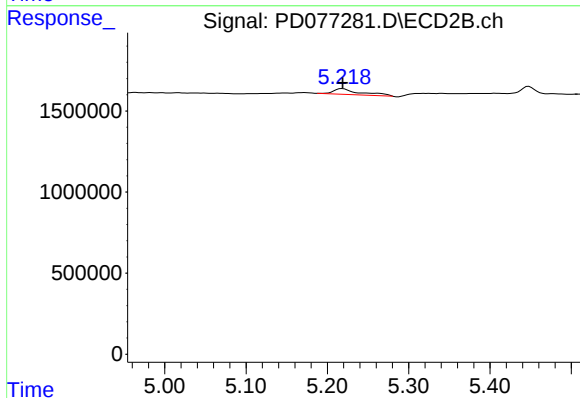
R.T.: 0.000 min
Exp R.T. : 4.716 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

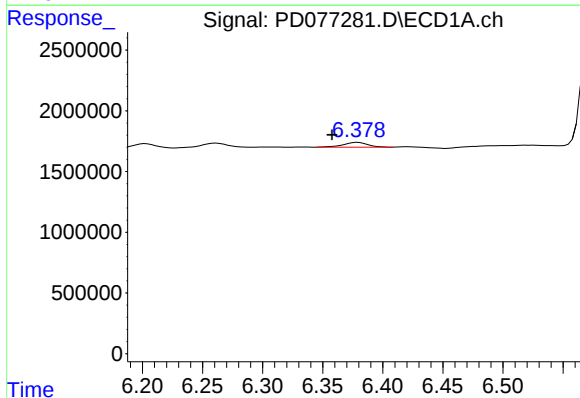
R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 478599
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



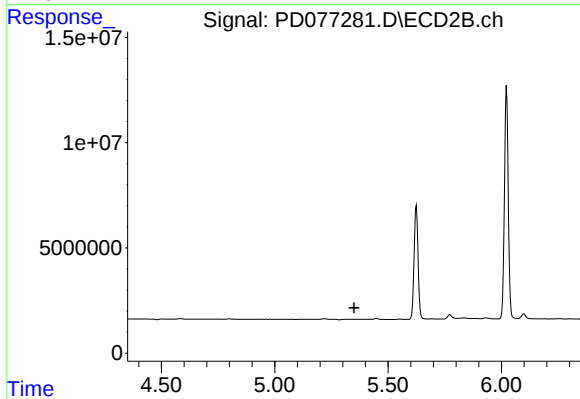
#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 791700
Conc: 0.55 ng/ml



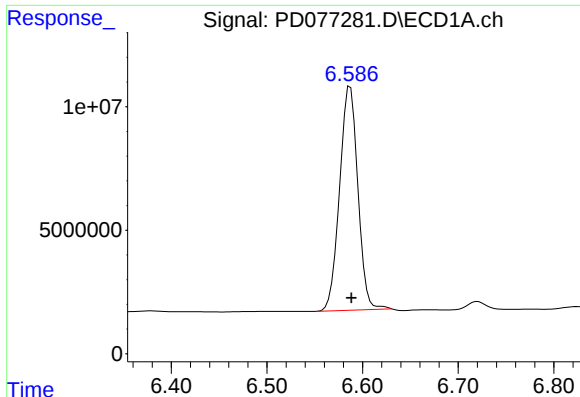
#13 Dieldrin

R.T.: 6.379 min
Delta R.T.: 0.021 min
Response: 557102
Conc: 0.17 ng/ml



#13 Dieldrin

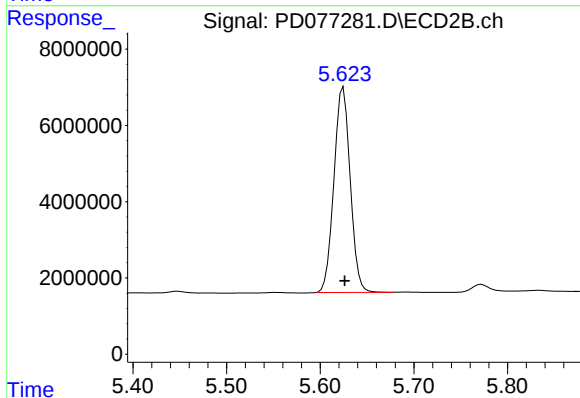
R.T.: 0.000 min
Exp R.T. : 5.350 min
Response: 0
Conc: N.D.



#14 Endrin

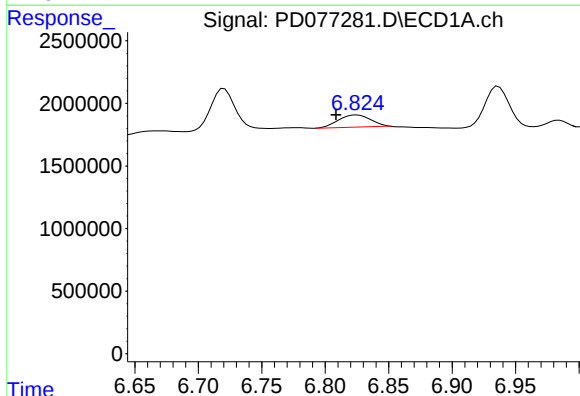
R.T.: 6.587 min
Delta R.T.: -0.001 min
Response: 120774450
Conc: 43.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



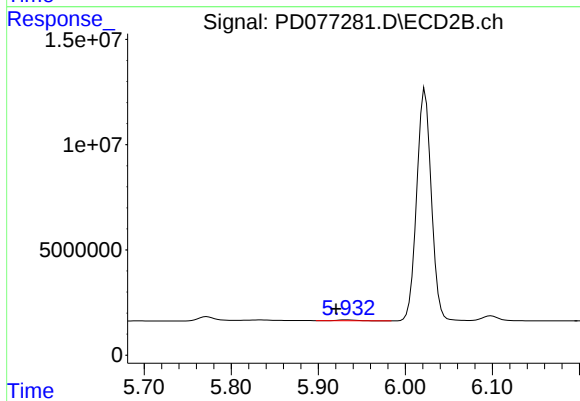
#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 65073908
Conc: 44.47 ng/ml



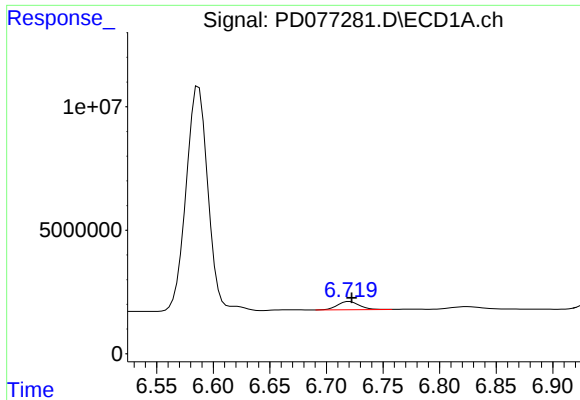
#15 Endosulfan II

R.T.: 6.825 min
Delta R.T.: 0.016 min
Response: 1751303
Conc: 0.55 ng/ml



#15 Endosulfan II

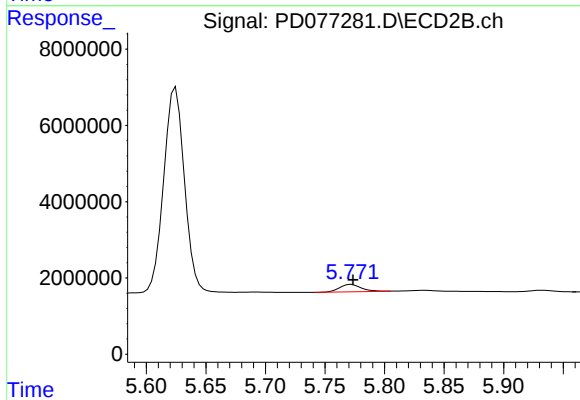
R.T.: 5.933 min
Delta R.T.: 0.013 min
Response: 595604
Conc: 0.40 ng/ml



#16 4,4'-DDD

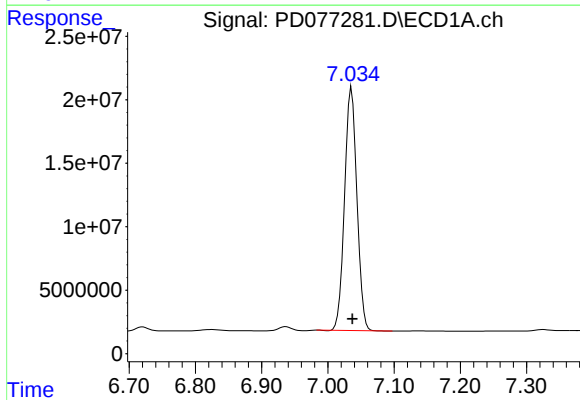
R.T.: 6.720 min
Delta R.T.: -0.002 min
Response: 4558745
Conc: 1.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



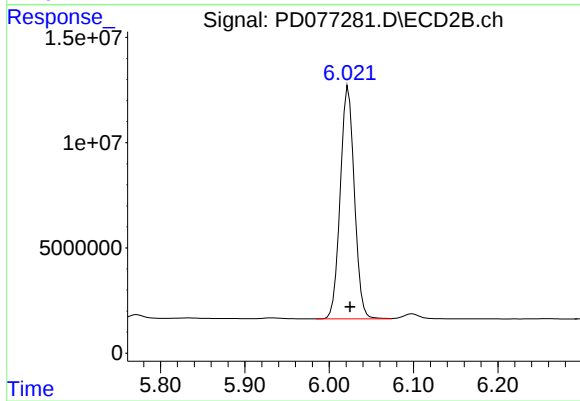
#16 4,4'-DDD

R.T.: 5.772 min
Delta R.T.: -0.001 min
Response: 2455347
Conc: 2.21 ng/ml



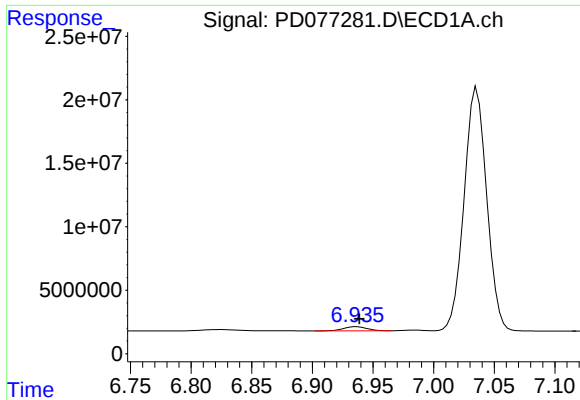
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: -0.001 min
Response: 247681987
Conc: 101.86 ng/ml



#17 4,4'-DDT

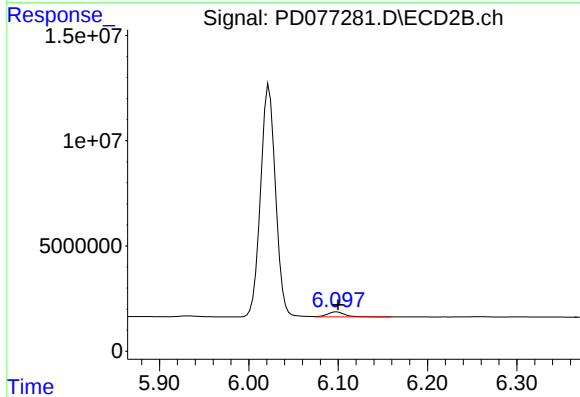
R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 128599477
Conc: 115.69 ng/ml



#18 Endrin aldehyde

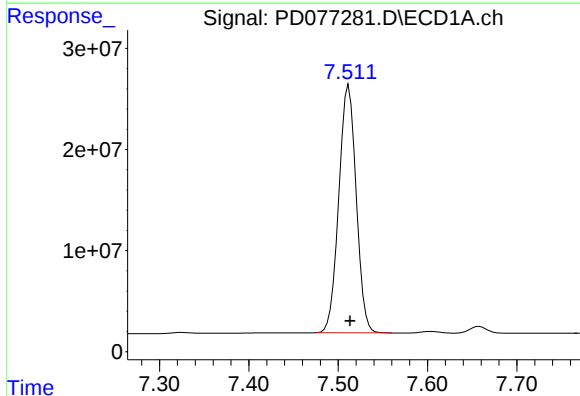
R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 4326524
Conc: 1.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



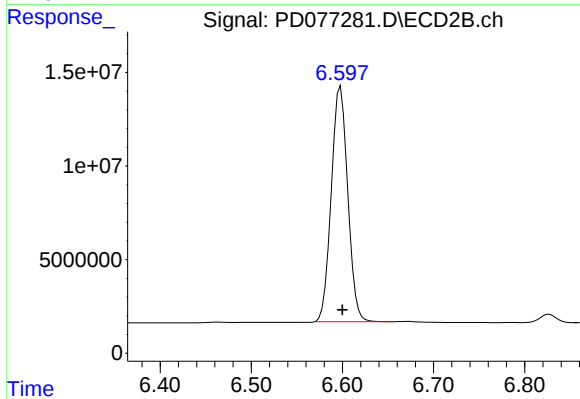
#18 Endrin aldehyde

R.T.: 6.098 min
Delta R.T.: -0.001 min
Response: 3306669
Conc: 2.90 ng/ml



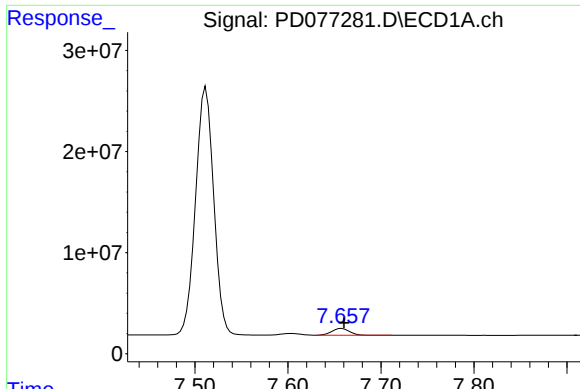
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: -0.001 min
Response: 331311451
Conc: 233.83 ng/ml



#20 Methoxychlor

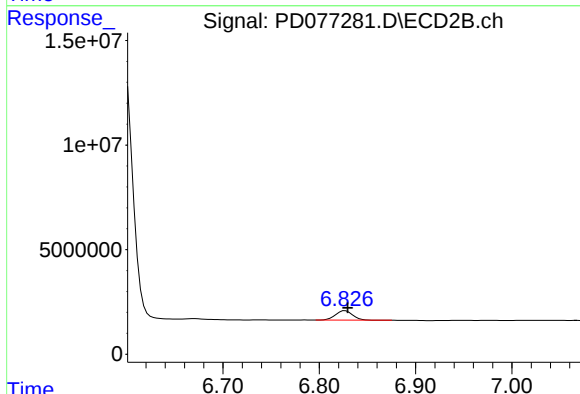
R.T.: 6.598 min
Delta R.T.: -0.002 min
Response: 157655338
Conc: 263.66 ng/ml



#21 Endrin ketone

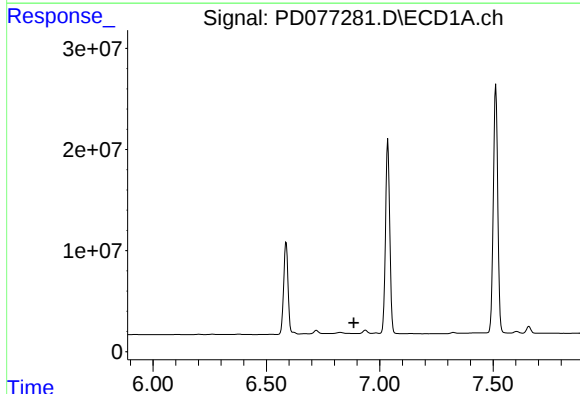
R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 8977161
Conc: 2.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



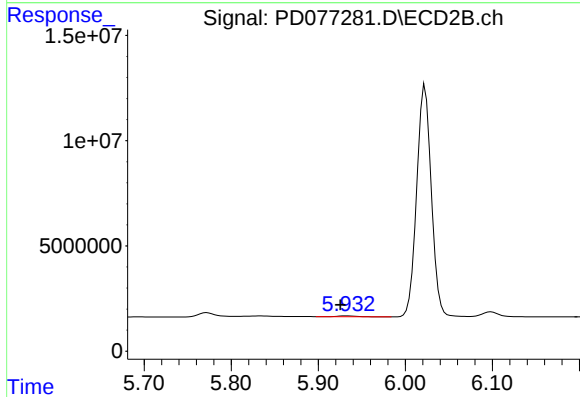
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.003 min
Response: 5615930
Conc: 3.54 ng/ml



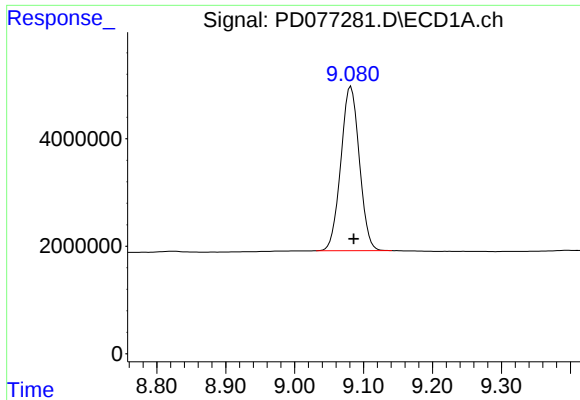
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



#27 Chlordane-5

R.T.: 5.933 min
Delta R.T.: 0.008 min
Response: 595604
Conc: 9.97 ng/ml



#28 Decachlorobiphenyl

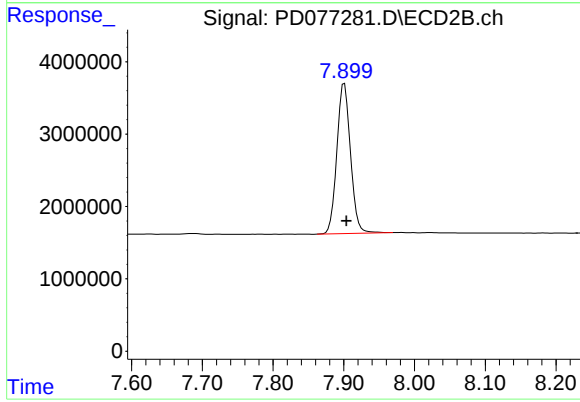
R.T.: 9.082 min

Delta R.T.: -0.004 min

Response: 57094964

Conc: 20.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.901 min

Delta R.T.: -0.003 min

Response: 27815974

Conc: 19.44 ng/ml