

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102023\
 Data File : PD079008.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 02:35
 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 20 04:47:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 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...	3.570	2.806	30691690	43980402	19.009	18.996
2)	SA Decachlor...	9.117	7.956	38735072	48054575	19.309	19.715
Target Compounds							
2)	A alpha-BHC	4.027	3.310	25022575	33399708	9.400	9.632
3)	MA gamma-BHC...	4.360	3.640	24201185	31417895	9.312	9.252
5)	MB Aldrin	0.000	4.272	0	64382	N.D.	0.020 #
6)	B beta-BHC	4.553	3.934	11359820	15481577	10.601	10.987
7)	B delta-BHC	0.000	4.191f	0	157462	N.D.	0.047 #
8)	B Heptachlo...	5.716	0.000	3571161	0	1.524	N.D. #
12)	B 4,4'-DDE	6.229	5.273	241482	618846	0.114	0.232 #
13)	MA Dieldrin	6.395	0.000	366006	0	0.157	N.D. #
14)	MA Endrin	6.616	5.677	83429101	118.3E6	42.837	46.234
15)	B Endosulfa...	6.843	5.987f	774178	338110	0.380	0.135 #
16)	A 4,4'-DDD	6.747	5.825	1068494	1527175	0.608	0.669
17)	MA 4,4'-DDT	7.062	6.076	176.3E6	231.0E6	93.074	100.887
18)	B Endrin al...	6.963	6.150	2368729	4325828	1.534	2.327 #
20)	A Methoxychlor	7.536	6.651	230.5E6	301.5E6	210.368	222.095
21)	B Endrin ke...	7.685	6.878	5498015	6779729	2.522	2.425
22)	Mirex	8.171	7.075	209165	17713	0.124	0.008 #
27)	Chlordane-5	0.000	5.987	0	338110	N.D.	3.392 #

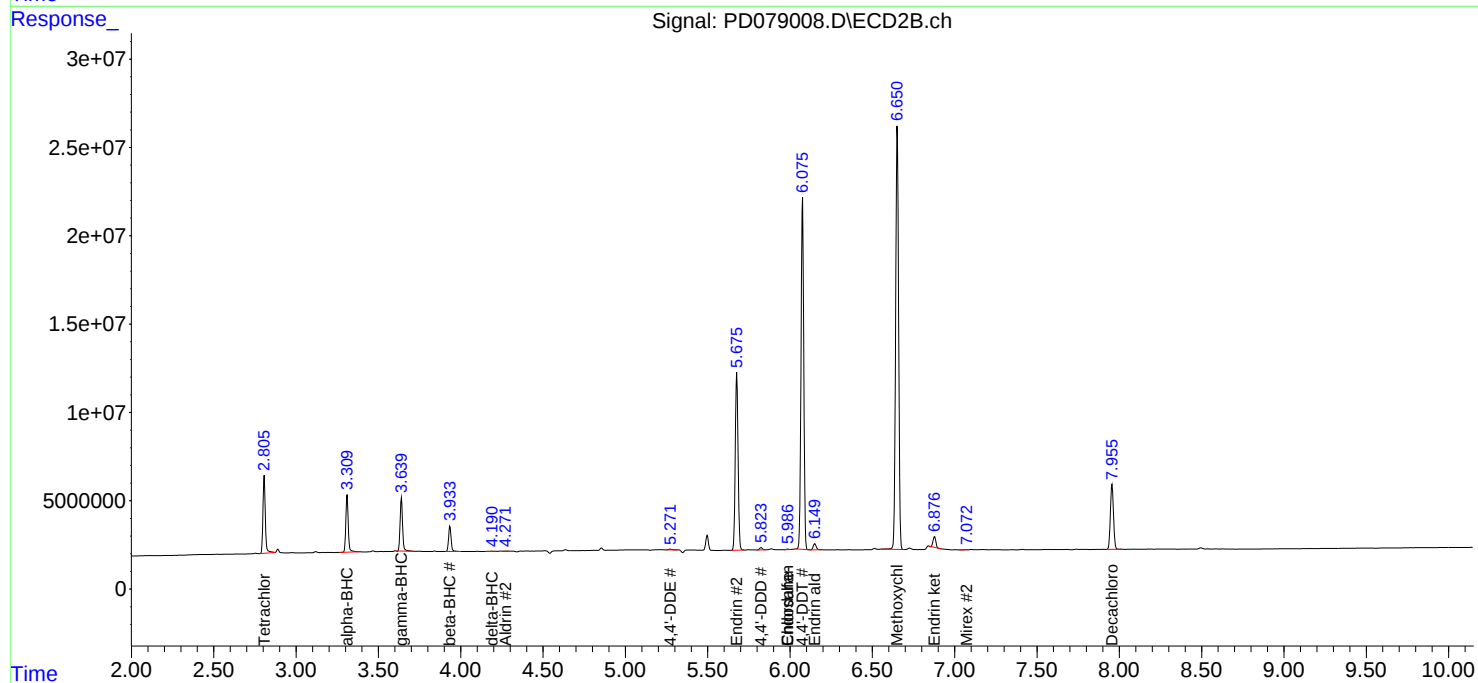
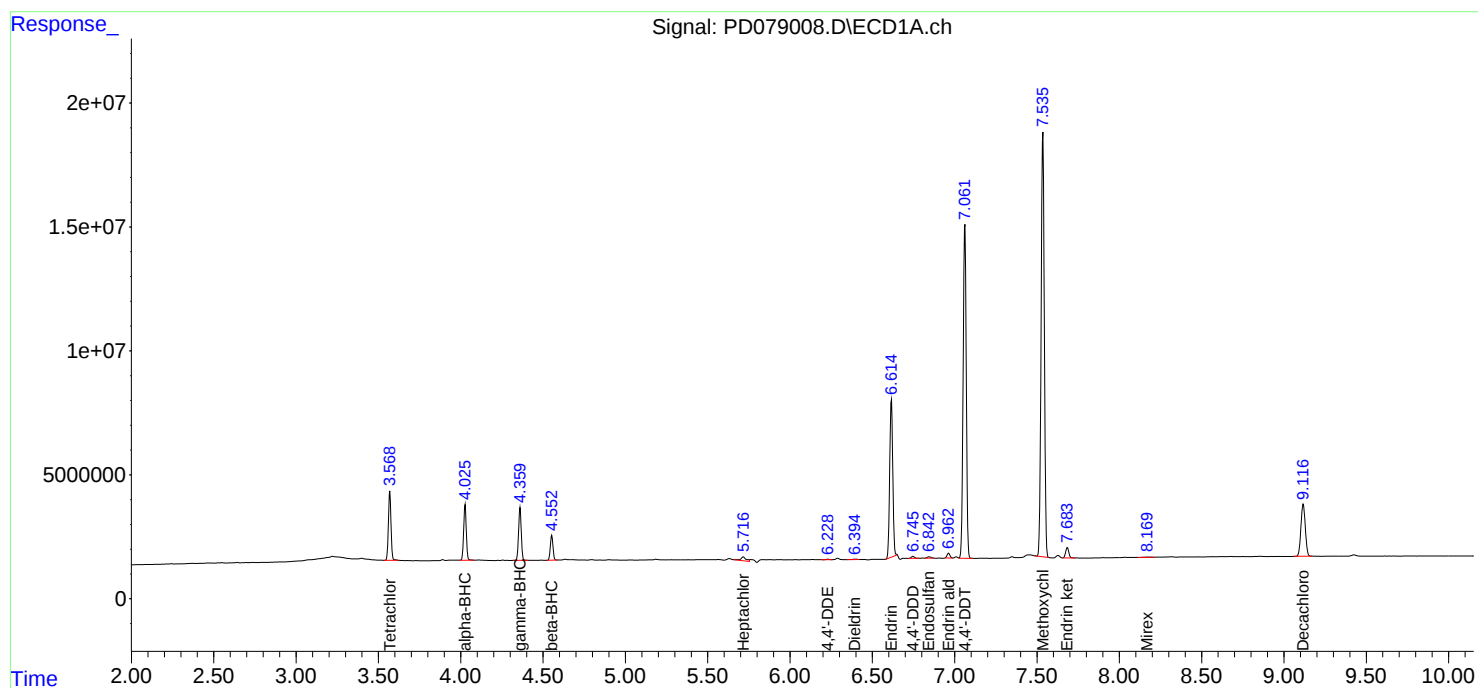
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

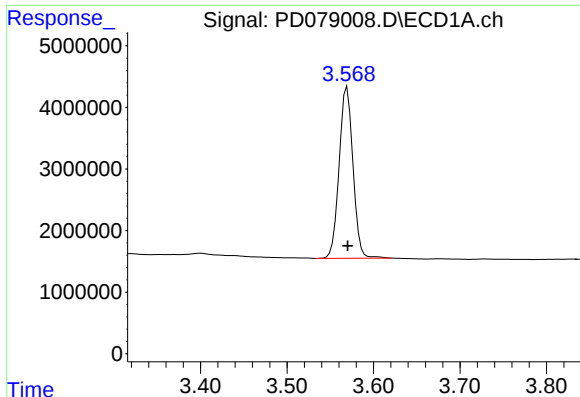
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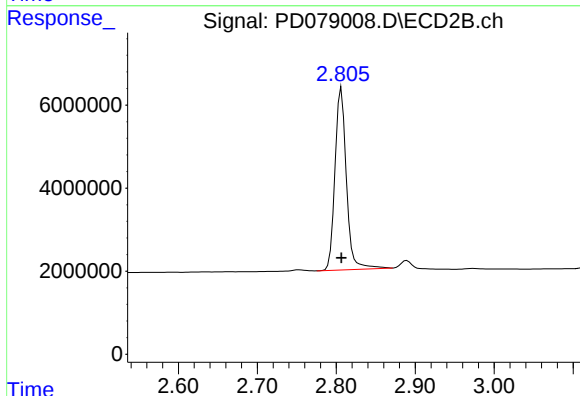




#1 Tetrachloro-m-xylene

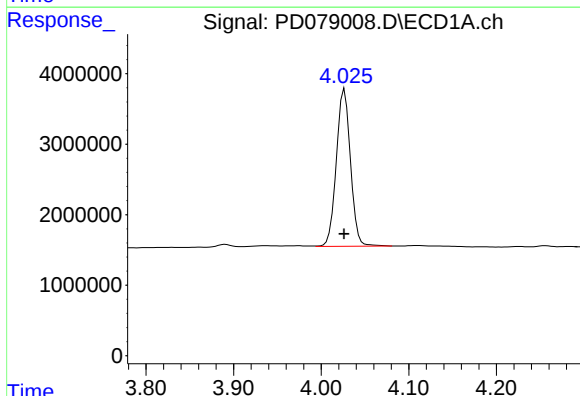
R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 30691690
Conc: 19.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



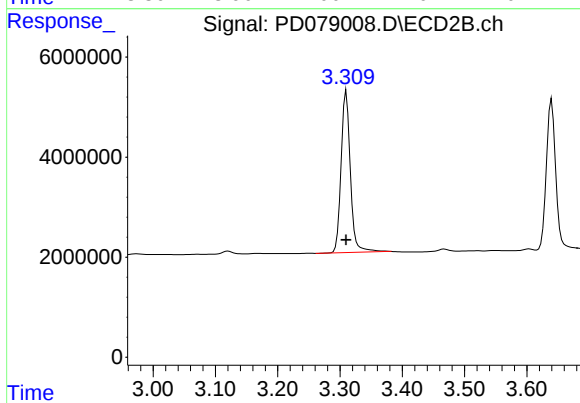
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 43980402
Conc: 19.00 ng/ml



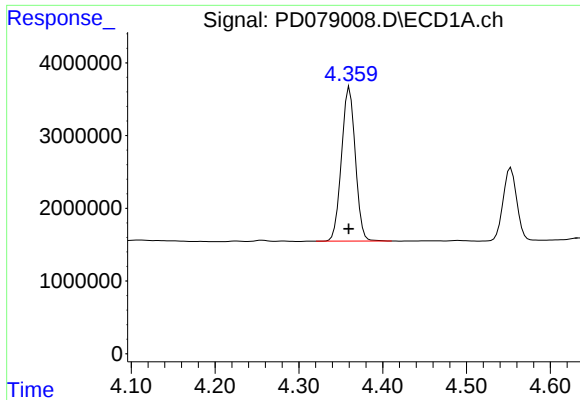
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 25022575
Conc: 9.40 ng/ml



#2 alpha-BHC

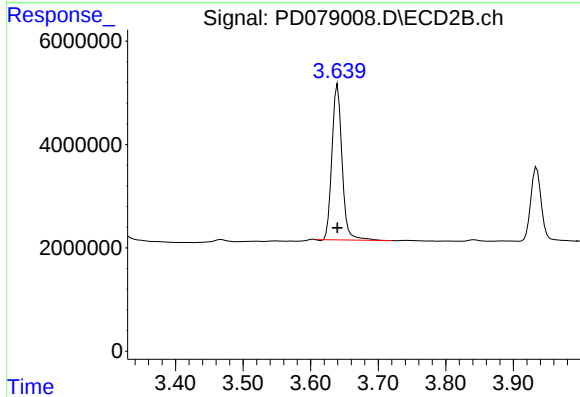
R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 33399708
Conc: 9.63 ng/ml



#3 gamma-BHC (Lindane)

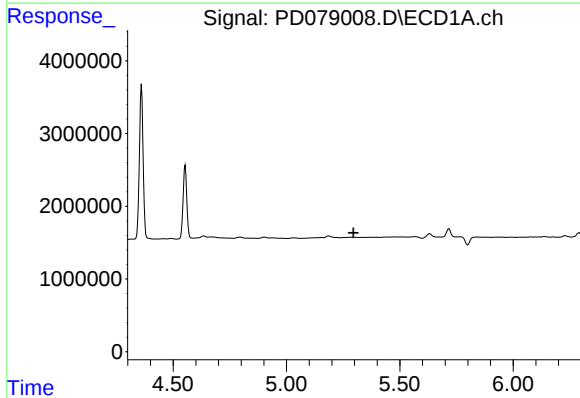
R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 24201185
Conc: 9.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



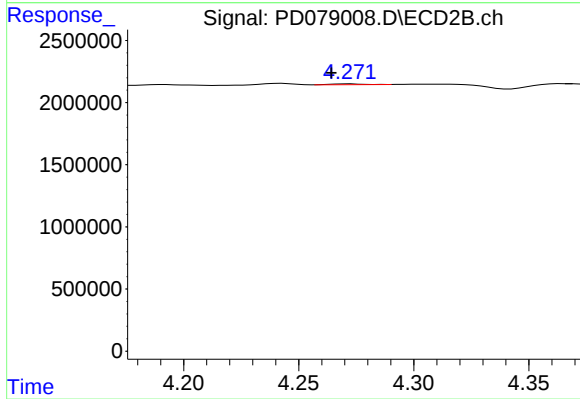
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 31417895
Conc: 9.25 ng/ml



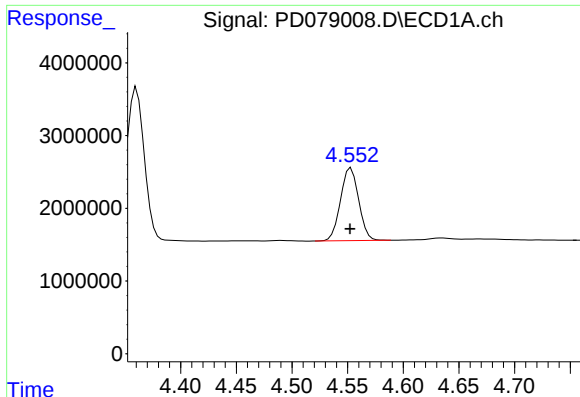
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.296 min
Response: 0
Conc: N.D.



#5 Aldrin

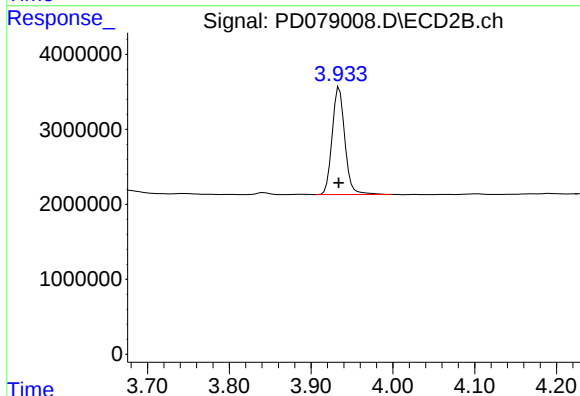
R.T.: 4.272 min
Delta R.T.: 0.008 min
Response: 64382
Conc: 0.02 ng/ml



#6 beta-BHC

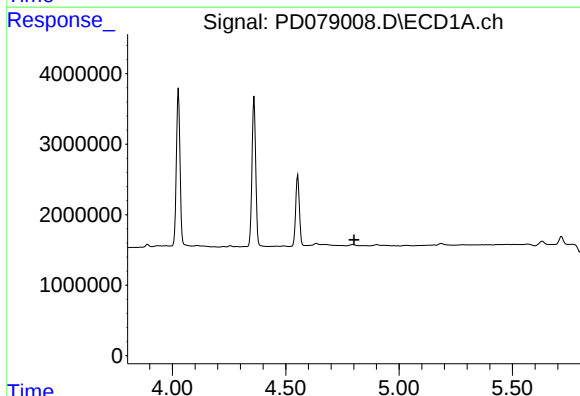
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 11359820
Conc: 10.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



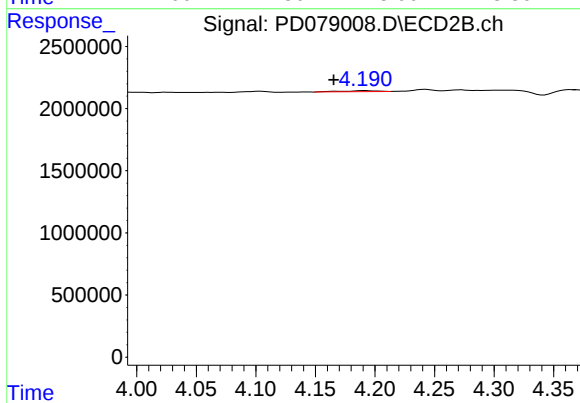
#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 15481577
Conc: 10.99 ng/ml



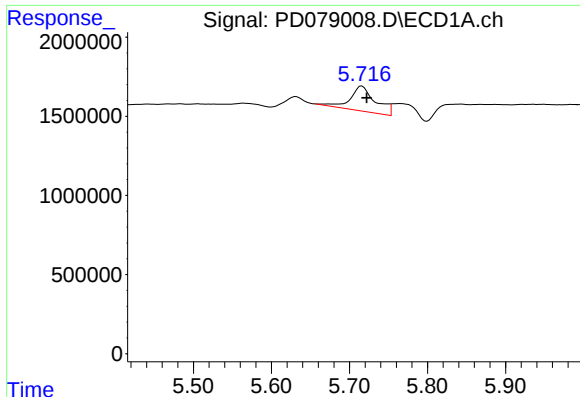
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.802 min
Response: 0
Conc: N.D.



#7 delta-BHC

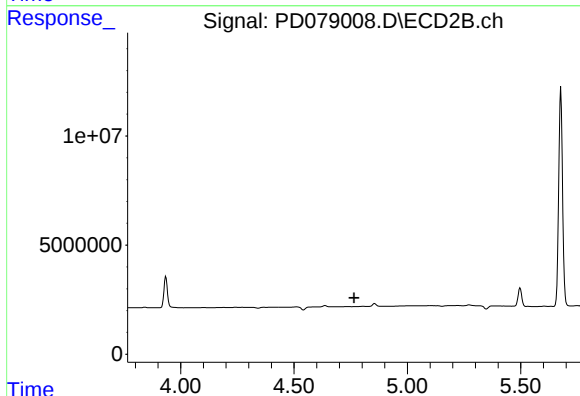
R.T.: 4.191 min
Delta R.T.: 0.026 min
Response: 157462
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

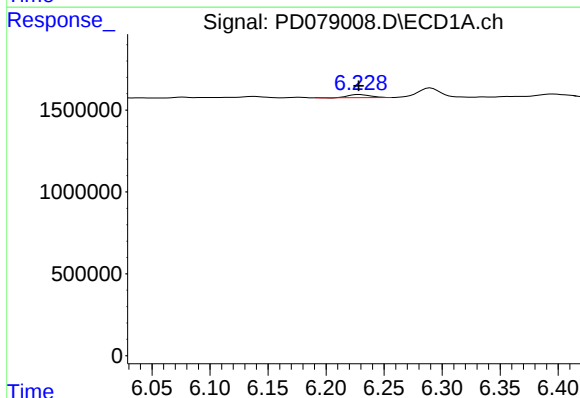
R.T.: 5.716 min
Delta R.T.: -0.006 min
Response: 3571161
Conc: 1.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



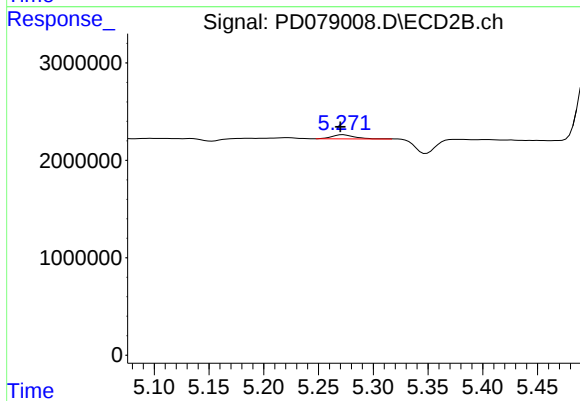
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.766 min
Response: 0
Conc: N.D.



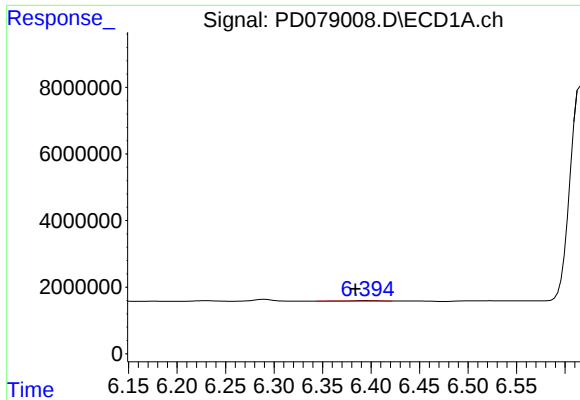
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 241482
Conc: 0.11 ng/ml



#12 4,4'-DDE

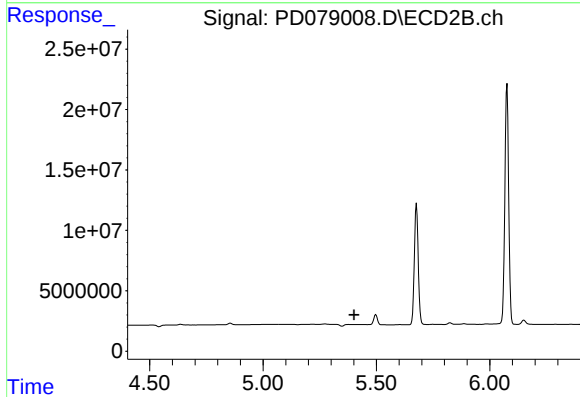
R.T.: 5.273 min
Delta R.T.: 0.003 min
Response: 618846
Conc: 0.23 ng/ml



#13 Dieldrin

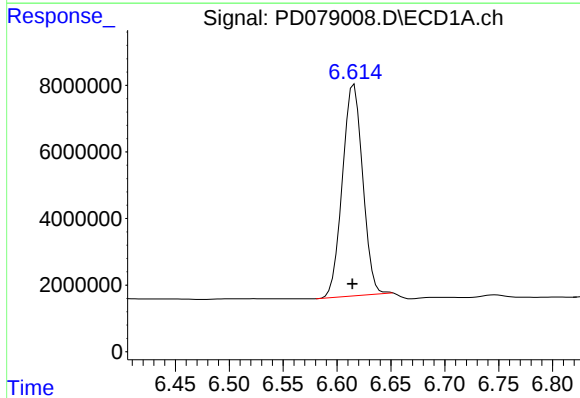
R.T.: 6.395 min
Delta R.T.: 0.011 min
Response: 366006
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



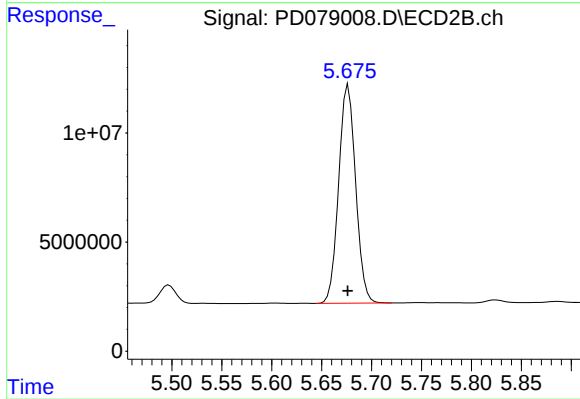
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.401 min
Response: 0
Conc: N.D.



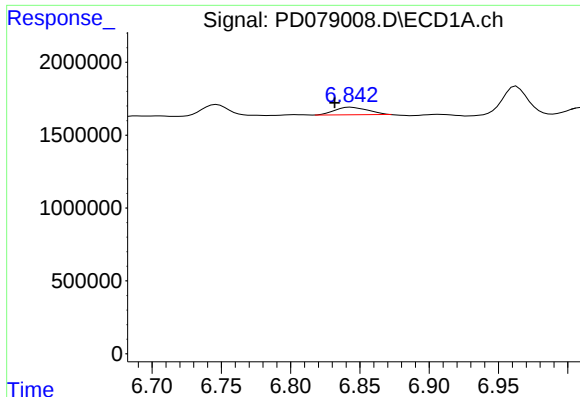
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 83429101
Conc: 42.84 ng/ml



#14 Endrin

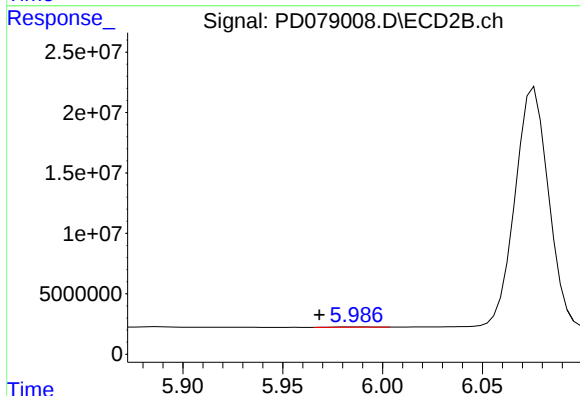
R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 118318991
Conc: 46.23 ng/ml



#15 Endosulfan II

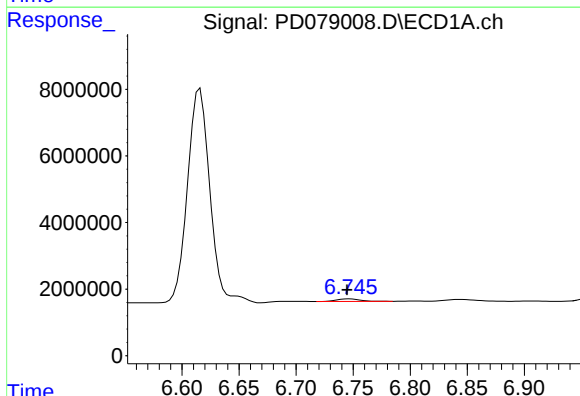
R.T.: 6.843 min
Delta R.T.: 0.011 min
Response: 774178
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



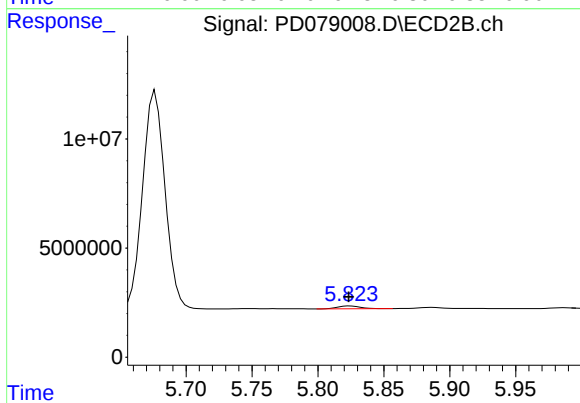
#15 Endosulfan II

R.T.: 5.987 min
Delta R.T.: 0.019 min
Response: 338110
Conc: 0.14 ng/ml



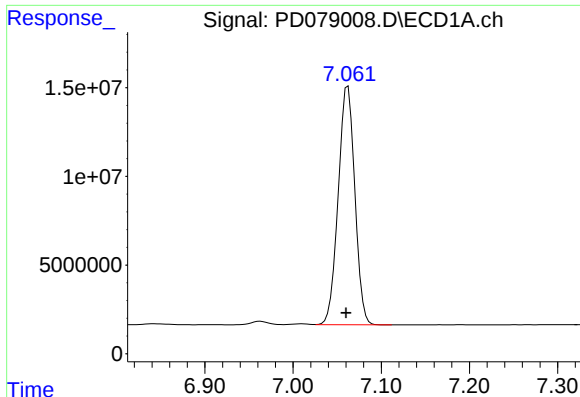
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 1068494
Conc: 0.61 ng/ml



#16 4,4'-DDD

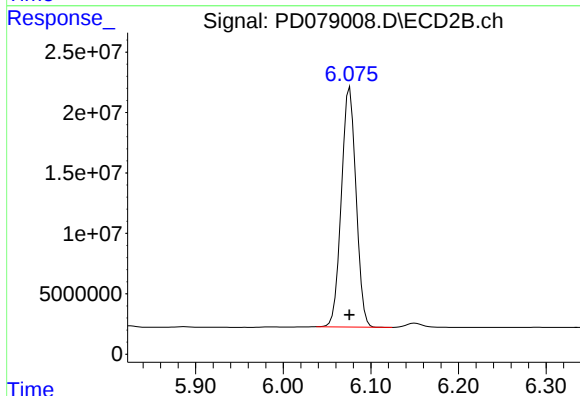
R.T.: 5.825 min
Delta R.T.: 0.001 min
Response: 1527175
Conc: 0.67 ng/ml



#17 4,4'-DDT

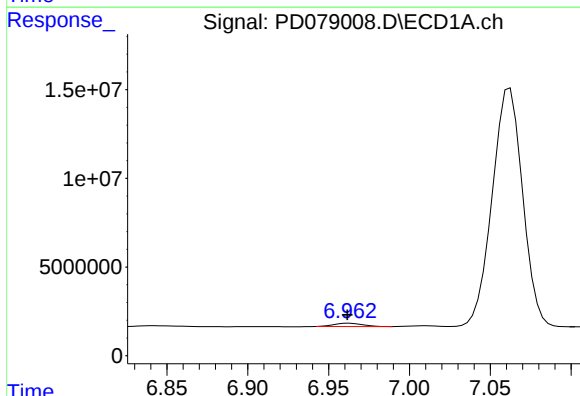
R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 176251880
Conc: 93.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



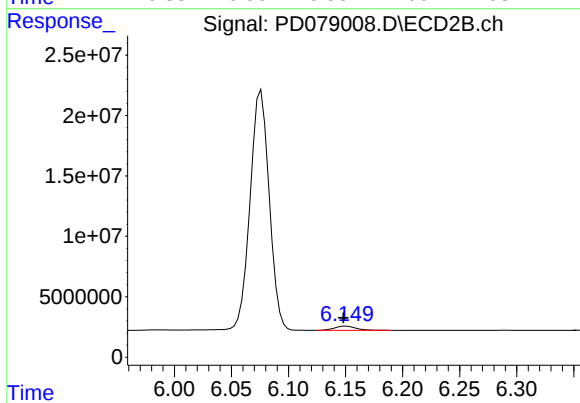
#17 4,4'-DDT

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 230968336
Conc: 100.89 ng/ml



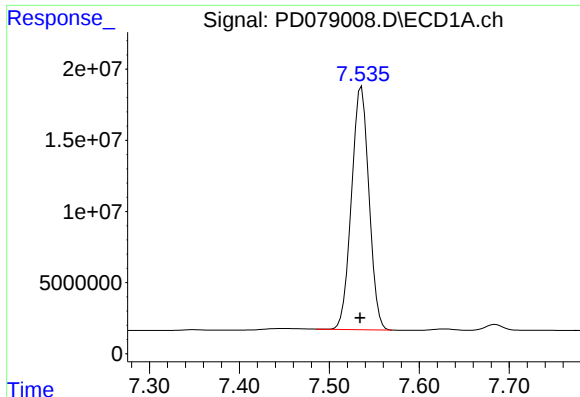
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.001 min
Response: 2368729
Conc: 1.53 ng/ml



#18 Endrin aldehyde

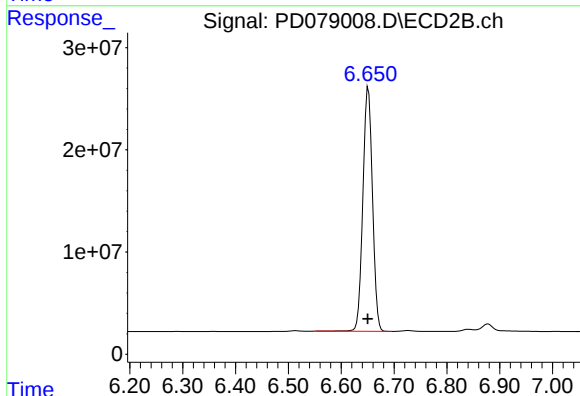
R.T.: 6.150 min
Delta R.T.: 0.002 min
Response: 4325828
Conc: 2.33 ng/ml



#20 Methoxychlor

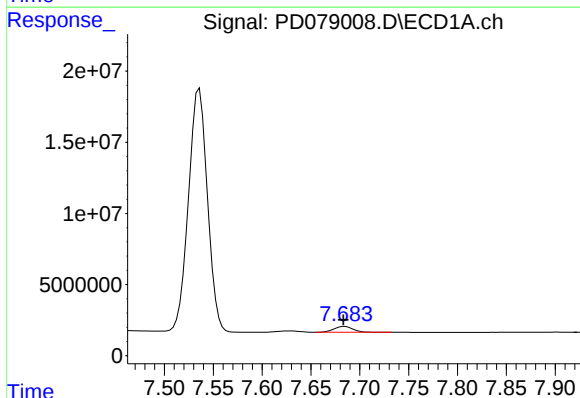
R.T.: 7.536 min
Delta R.T.: 0.002 min
Response: 230516557
Conc: 210.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



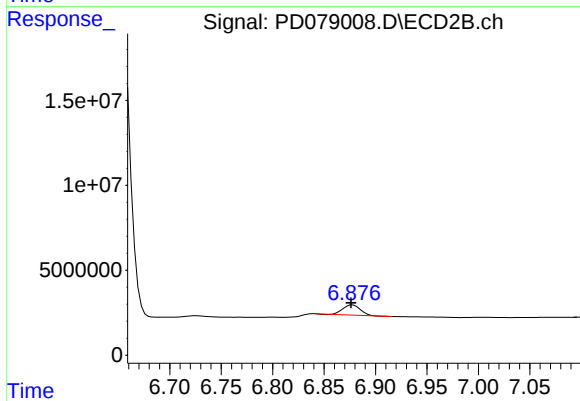
#20 Methoxychlor

R.T.: 6.651 min
Delta R.T.: 0.001 min
Response: 301523070
Conc: 222.10 ng/ml



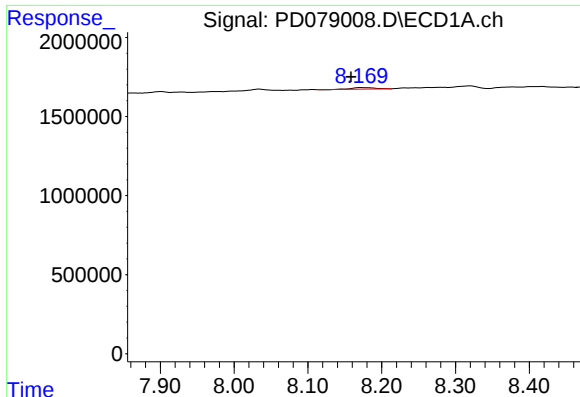
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.001 min
Response: 5498015
Conc: 2.52 ng/ml



#21 Endrin ketone

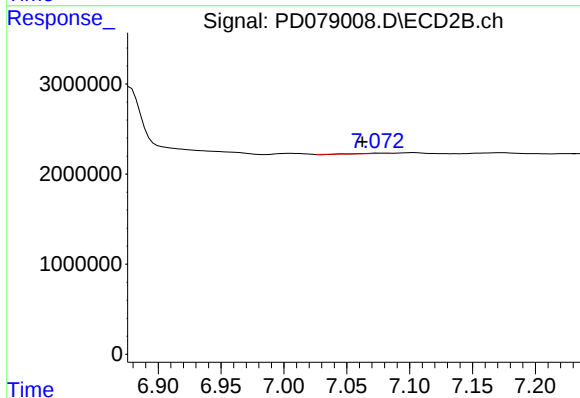
R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 6779729
Conc: 2.43 ng/ml



#22 Mirex

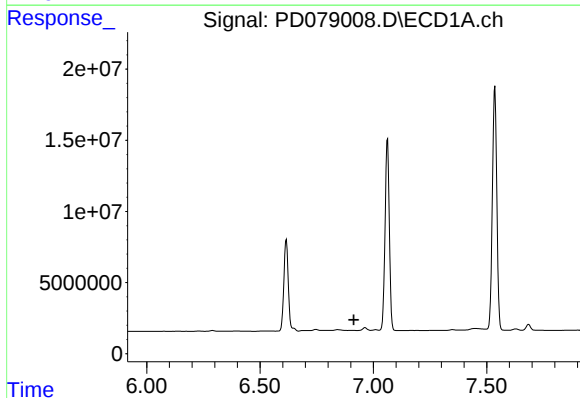
R.T.: 8.171 min
Delta R.T.: 0.012 min
Response: 209165
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



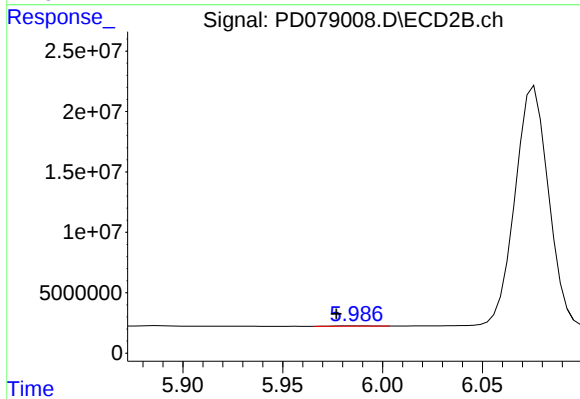
#22 Mirex

R.T.: 7.075 min
Delta R.T.: 0.013 min
Response: 17713
Conc: 0.01 ng/ml



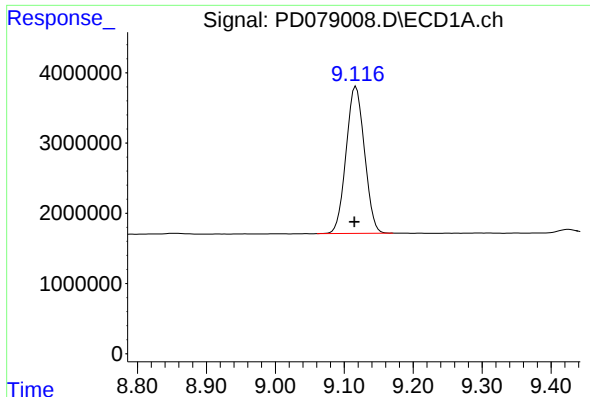
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.914 min
Response: 0
Conc: N.D.



#27 Chlordane-5

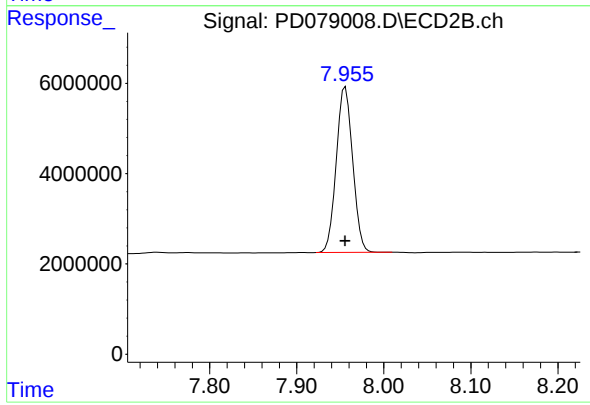
R.T.: 5.987 min
Delta R.T.: 0.010 min
Response: 338110
Conc: 3.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 38735072
Conc: 19.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 48054575
Conc: 19.71 ng/ml