

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081823\
 Data File : PD077228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 13:04
 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 16 17:58:46 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...	3.542	2.760	45278788	25742288	19.133	18.899
2)	SA Decachlor...	9.086	7.904	56683883	27292097	20.686	19.071
Target Compounds							
2)	A alpha-BHC	3.999	3.262	35100962	17902402	9.142	9.255
3)	MA gamma-BHC...	4.332	3.592	33746602	16714699	9.168	8.985
5)	MB Aldrin	5.251f	4.193f	318370	381241	0.086	0.206 #
6)	B beta-BHC	4.529	3.889	15516333	8029232	10.311	10.525
7)	B delta-BHC	4.768	0.000	1532050	0	0.439	N.D. #
8)	B Heptachlo...	5.689	0.000	5848145	0	1.766	N.D. #
9)	A Endosulfan I	6.112f	0.000	590502	0	0.194	N.D. #
12)	B 4,4'-DDE	6.205	5.220	448199	3209442	0.151	2.213 #
13)	MA Dieldrin	6.372	0.000	663197	0	0.203	N.D. #
14)	MA Endrin	6.588	5.625	124.7E6	64954769	44.889	44.392
15)	B Endosulfa...	6.824f	5.934	1304367	456619	0.410	0.310
16)	A 4,4'-DDD	6.722	5.774	2319842	1215741	0.986	1.093
17)	MA 4,4'-DDT	7.037	6.024	248.0E6	121.6E6	101.974	109.349
18)	B Endrin al...	6.939	6.100	3648308	3290636	1.670	2.891 #
20)	A Methoxychlor	7.514	6.600	334.8E6	150.2E6	236.295	251.238
21)	B Endrin ke...	7.660	6.829	7678711	3300597	2.550	2.082
24)	Chlordane-2	5.251	4.332	318370	1743772	2.625	31.008 #
27)	Chlordane-5	0.000	5.934	0	456619	N.D.	7.643 #

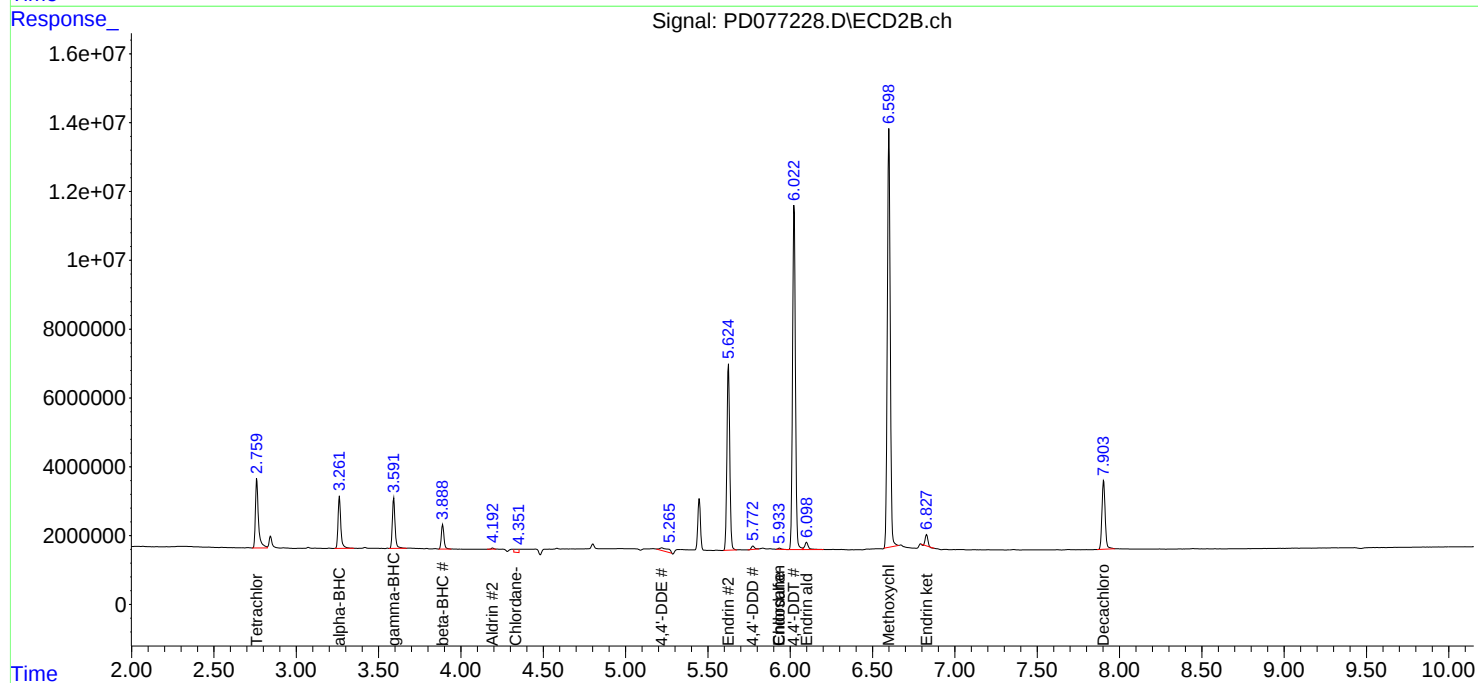
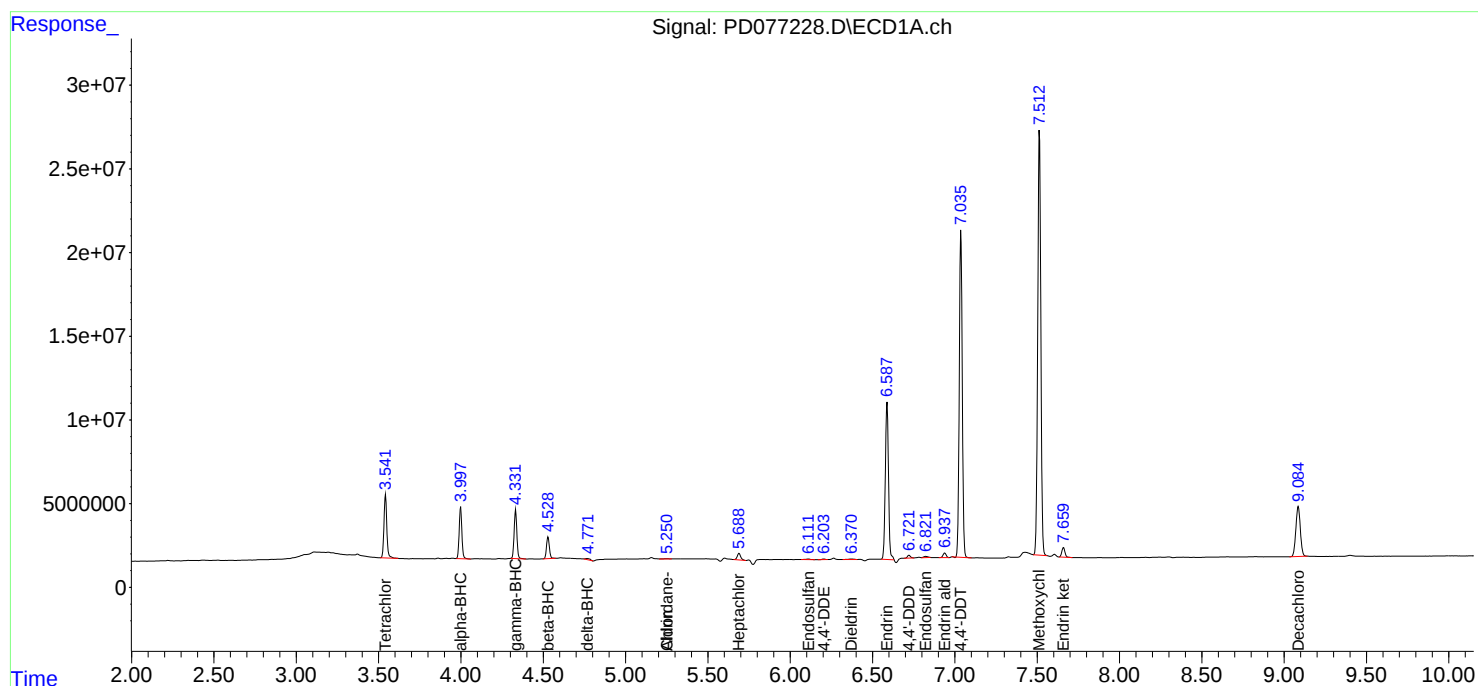
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

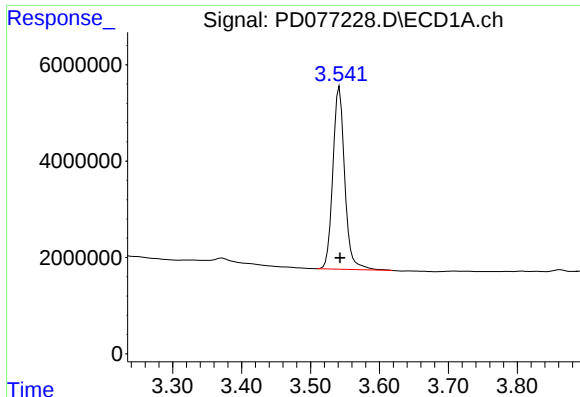
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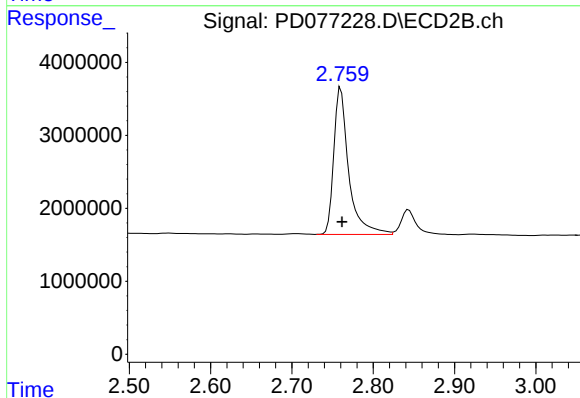




#1 Tetrachloro-m-xylene

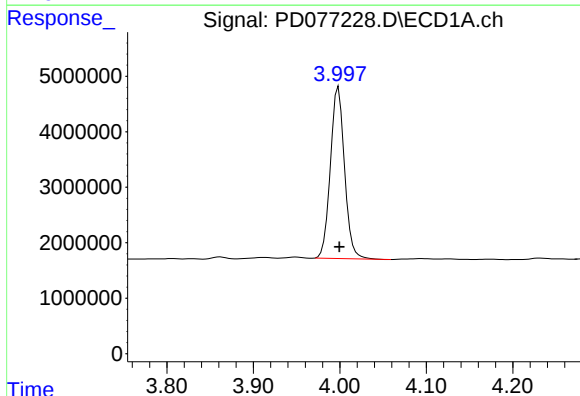
R.T.: 3.542 min
Delta R.T.: -0.001 min
Response: 45278788
Conc: 19.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



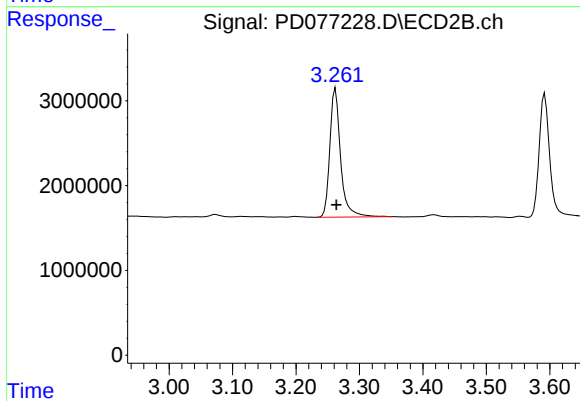
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 25742288
Conc: 18.90 ng/ml



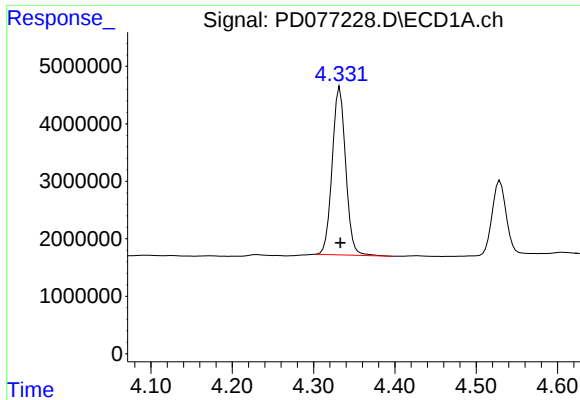
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 35100962
Conc: 9.14 ng/ml



#2 alpha-BHC

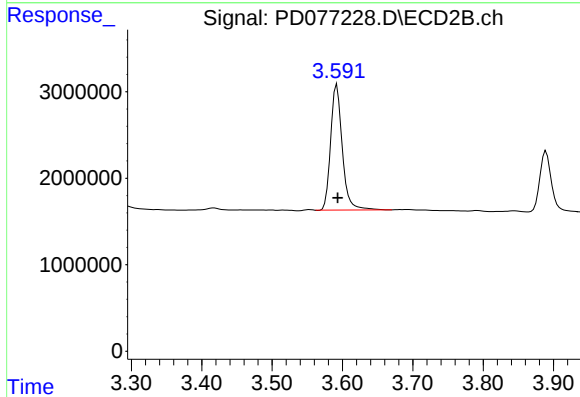
R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 17902402
Conc: 9.25 ng/ml



#3 gamma-BHC (Lindane)

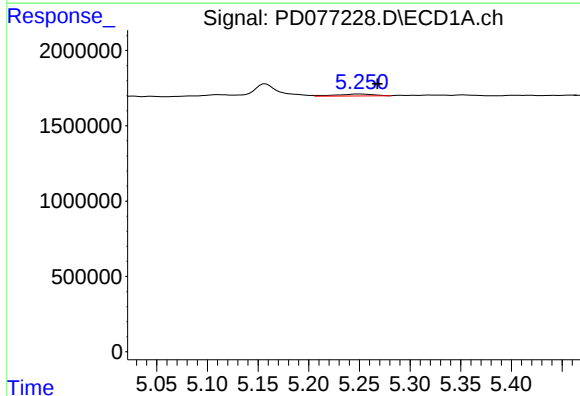
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 33746602
Conc: 9.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



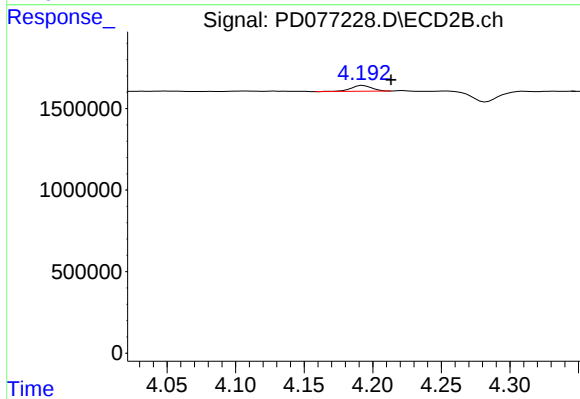
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: -0.001 min
Response: 16714699
Conc: 8.98 ng/ml



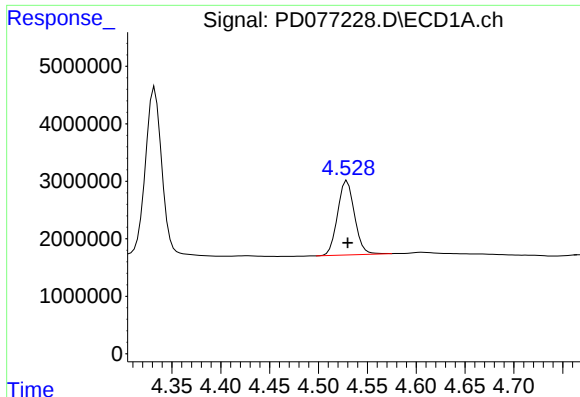
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.017 min
Response: 318370
Conc: 0.09 ng/ml



#5 Aldrin

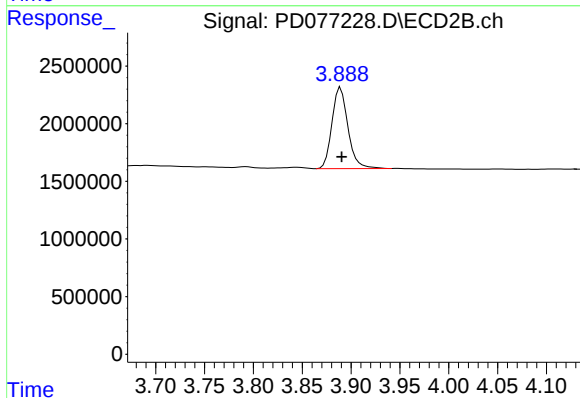
R.T.: 4.193 min
Delta R.T.: -0.020 min
Response: 381241
Conc: 0.21 ng/ml



#6 beta-BHC

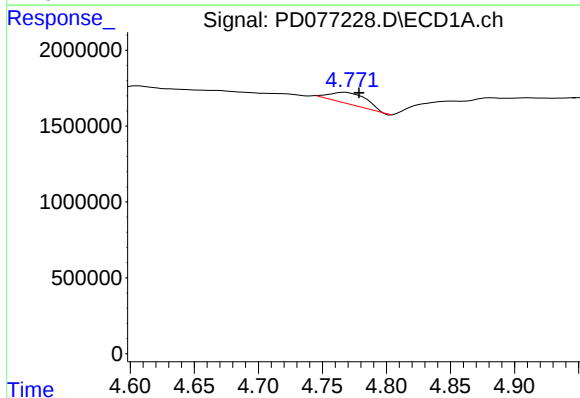
R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 15516333
Conc: 10.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



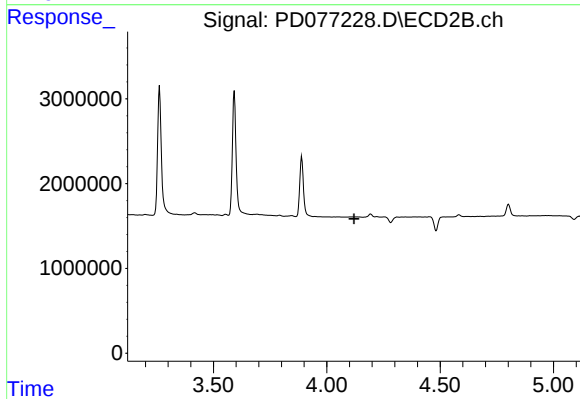
#6 beta-BHC

R.T.: 3.889 min
Delta R.T.: -0.001 min
Response: 8029232
Conc: 10.52 ng/ml



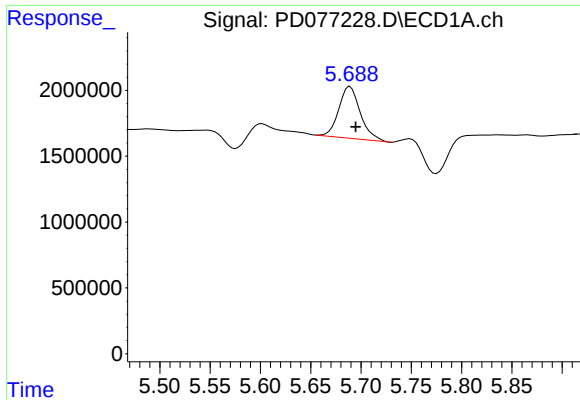
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.011 min
Response: 1532050
Conc: 0.44 ng/ml



#7 delta-BHC

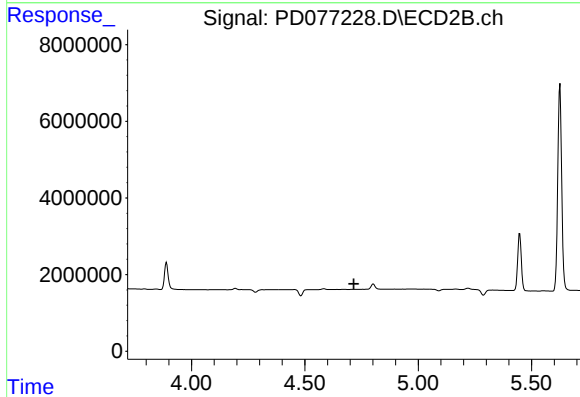
R.T.: 0.000 min
Exp R.T. : 4.120 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

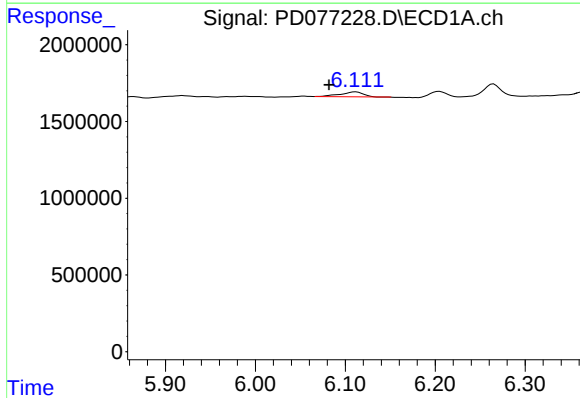
R.T.: 5.689 min
Delta R.T.: -0.006 min
Response: 5848145
Conc: 1.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



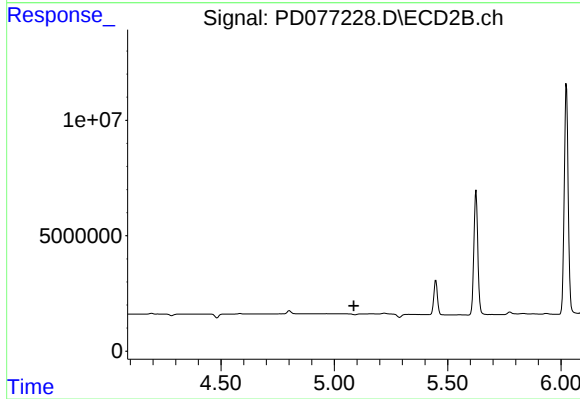
#8 Heptachlor epoxide

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



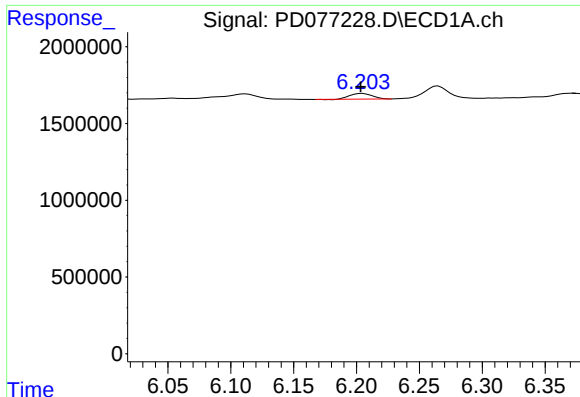
#9 Endosulfan I

R.T.: 6.112 min
Delta R.T.: 0.030 min
Response: 590502
Conc: 0.19 ng/ml



#9 Endosulfan I

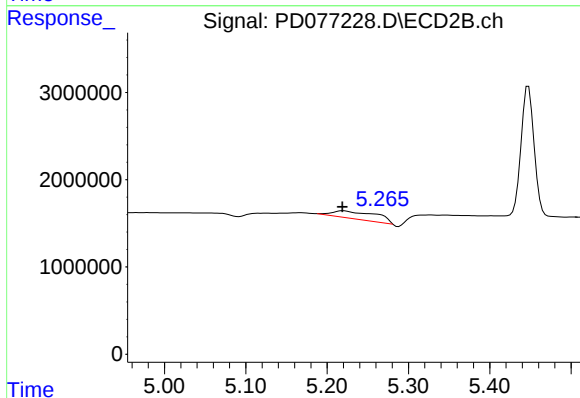
R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

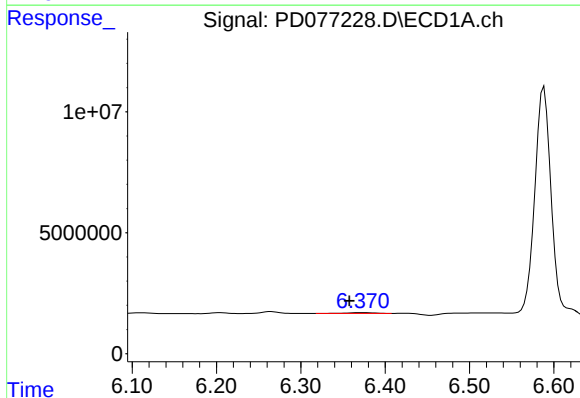
R.T.: 6.205 min
Delta R.T.: 0.001 min
Response: 448199
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



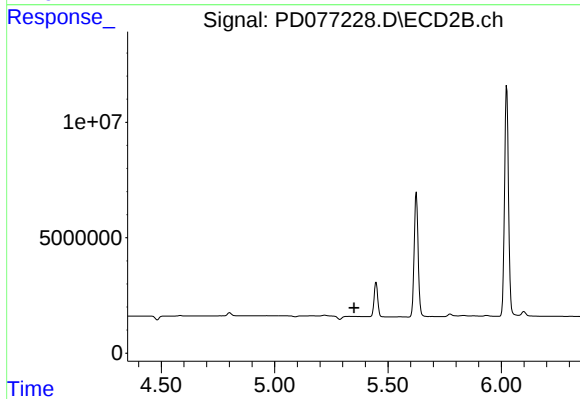
#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.001 min
Response: 3209442
Conc: 2.21 ng/ml



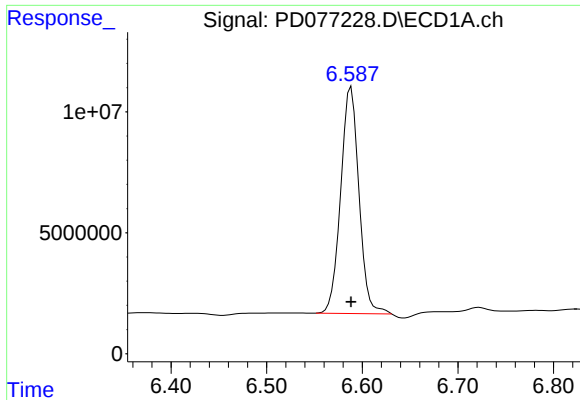
#13 Dieldrin

R.T.: 6.372 min
Delta R.T.: 0.014 min
Response: 663197
Conc: 0.20 ng/ml



#13 Dieldrin

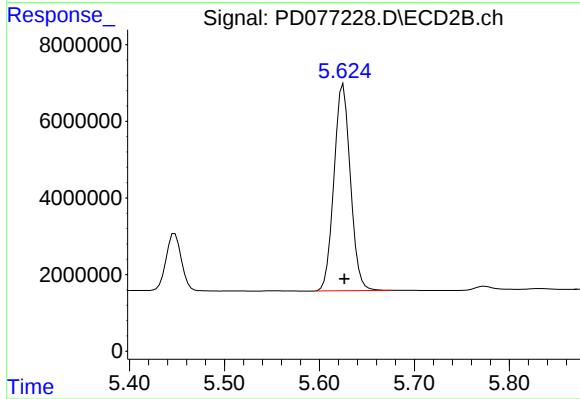
R.T.: 0.000 min
Exp R.T. : 5.350 min
Response: 0
Conc: N.D.



#14 Endrin

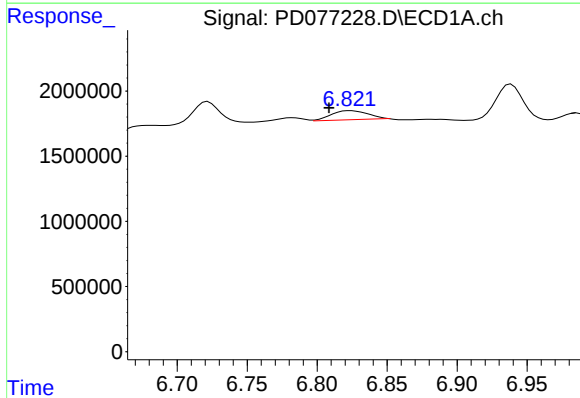
R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 124732998
Conc: 44.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



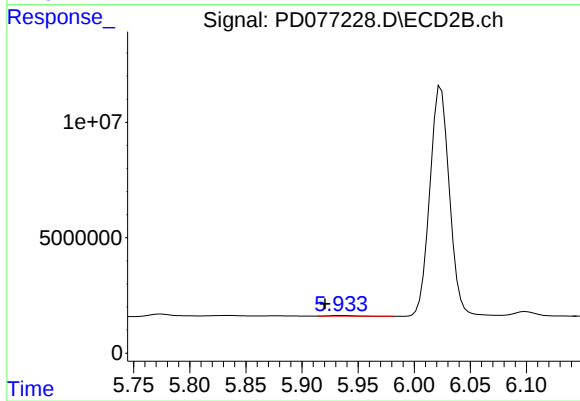
#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 64954769
Conc: 44.39 ng/ml



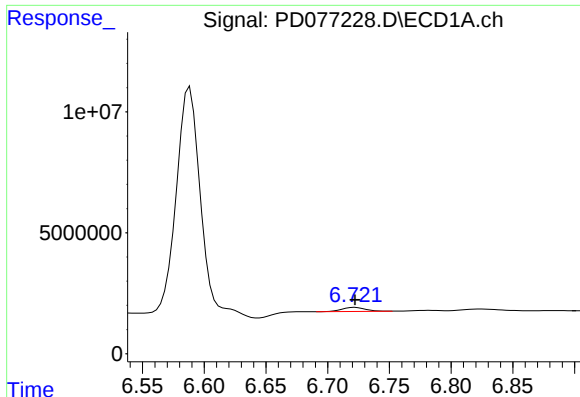
#15 Endosulfan II

R.T.: 6.824 min
Delta R.T.: 0.015 min
Response: 1304367
Conc: 0.41 ng/ml



#15 Endosulfan II

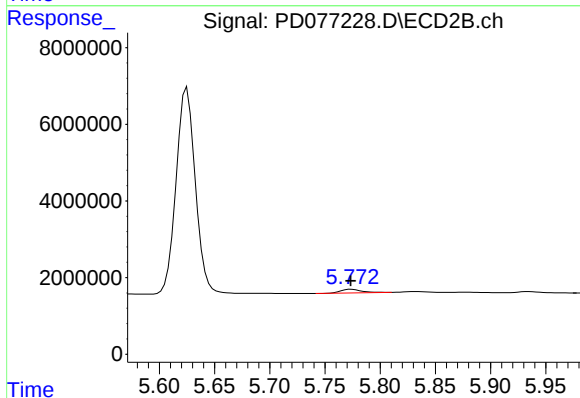
R.T.: 5.934 min
Delta R.T.: 0.014 min
Response: 456619
Conc: 0.31 ng/ml



#16 4,4'-DDD

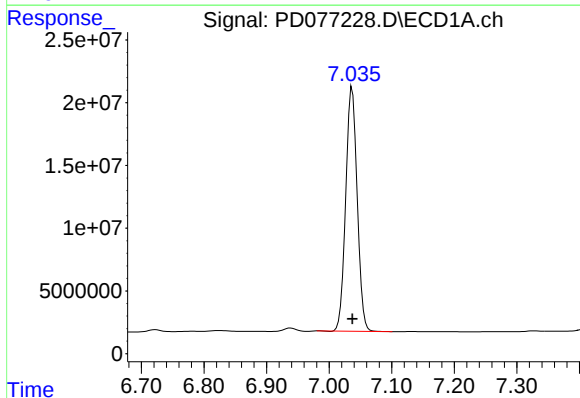
R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 2319842
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



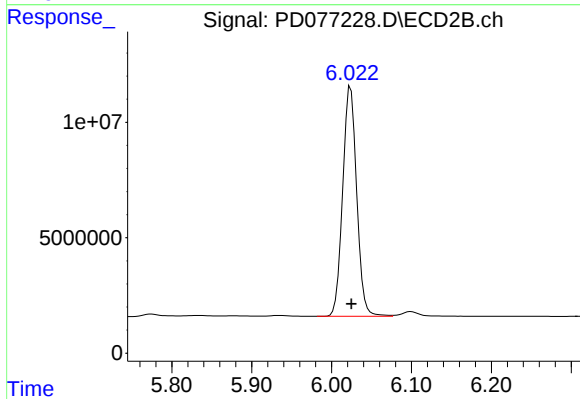
#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 1215741
Conc: 1.09 ng/ml



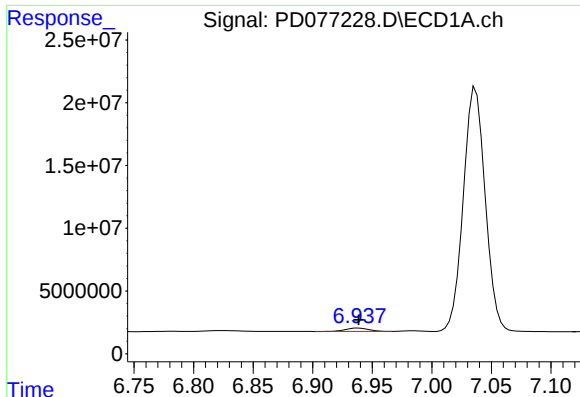
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 247962756
Conc: 101.97 ng/ml



#17 4,4'-DDT

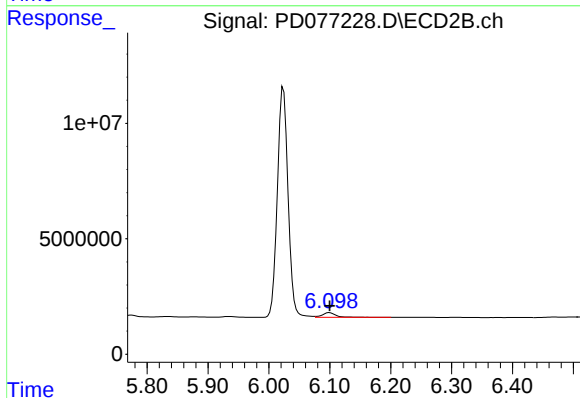
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 121550555
Conc: 109.35 ng/ml



#18 Endrin aldehyde

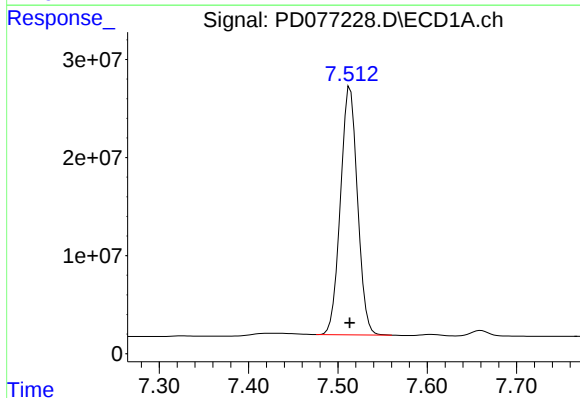
R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 3648308
Conc: 1.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



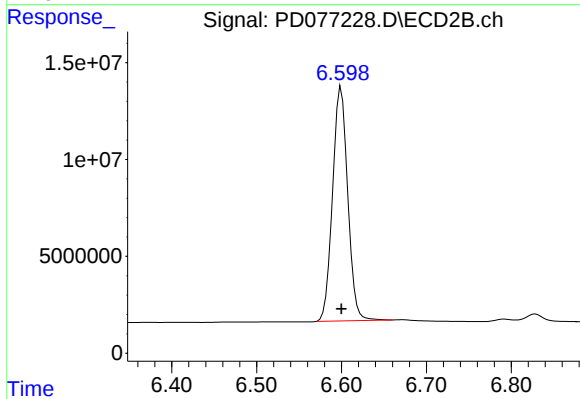
#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 3290636
Conc: 2.89 ng/ml



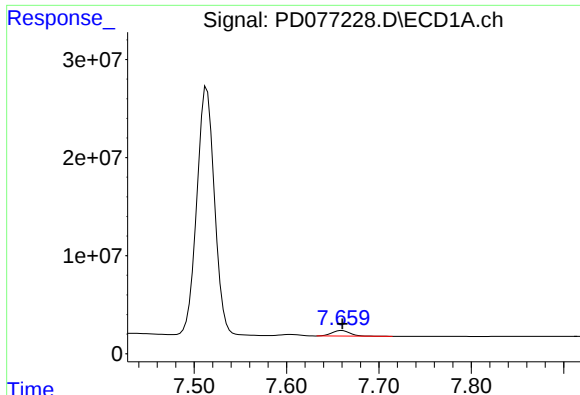
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 334798531
Conc: 236.29 ng/ml



#20 Methoxychlor

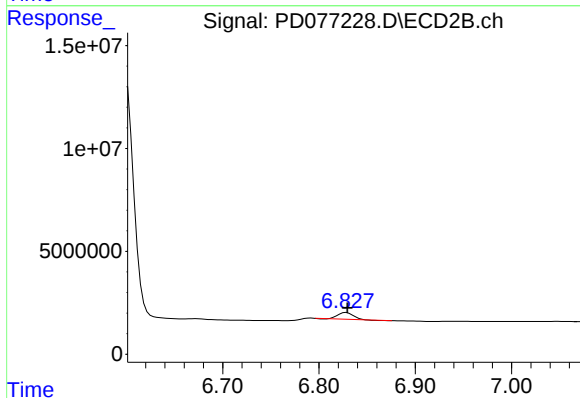
R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 150224589
Conc: 251.24 ng/ml



#21 Endrin ketone

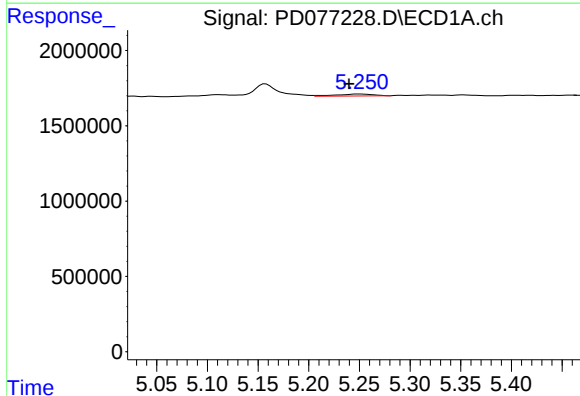
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 7678711
Conc: 2.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



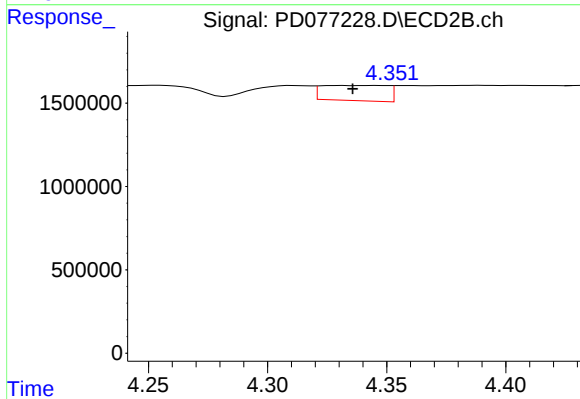
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.001 min
Response: 3300597
Conc: 2.08 ng/ml



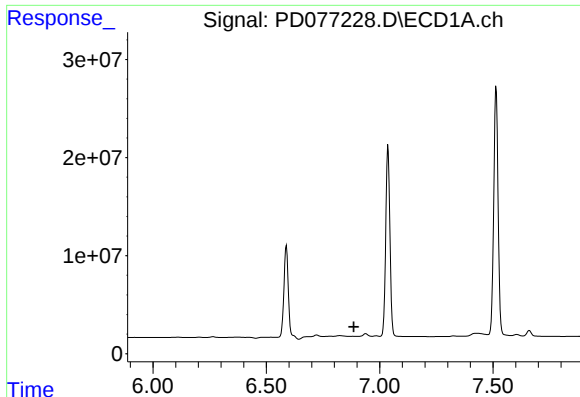
#24 Chlordane-2

R.T.: 5.251 min
Delta R.T.: 0.011 min
Response: 318370
Conc: 2.63 ng/ml



#24 Chlordane-2

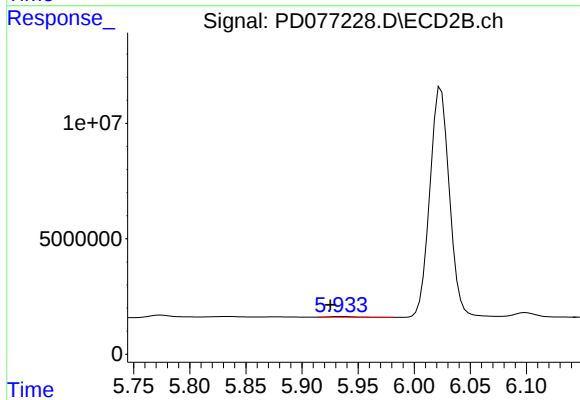
R.T.: 4.332 min
Delta R.T.: -0.003 min
Response: 1743772
Conc: 31.01 ng/ml



#27 Chlordane-5

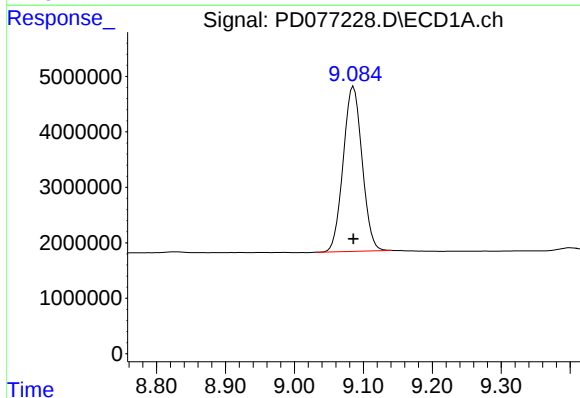
R.T.: 0.000 min
Exp R.T.: 6.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



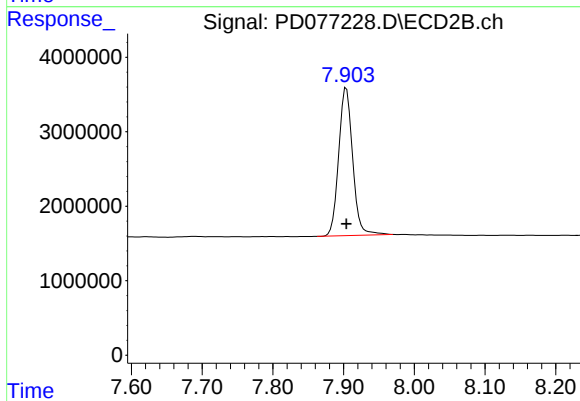
#27 Chlordane-5

R.T.: 5.934 min
Delta R.T.: 0.009 min
Response: 456619
Conc: 7.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 56683883
Conc: 20.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 27292097
Conc: 19.07 ng/ml