

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081923\
 Data File : PD077236.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2023 09:30
 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 17 21:37:27 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	2.761	45427683	26586890	19.196	19.519
28)	SA Decachlor...	9.083	7.902	57163492	28851448	20.861	20.161
Target Compounds							
2)	A alpha-BHC	3.999	3.263	35478603	18717137	9.240	9.676
3)	MA gamma-BHC...	4.332	3.593	33794798	17165060	9.182	9.227
5)	MB Aldrin	5.251f	4.193f	148309	223593	0.040	0.121 #
6)	B beta-BHC	4.530	3.890	15517003	8342802	10.311	10.936
7)	B delta-BHC	4.767	0.000	1265261	0	0.363	N.D. #
8)	B Heptachlo...	5.689	0.000	5203560	0	1.572	N.D. #
9)	A Endosulfan I	6.111f	0.000	595405	0	0.196	N.D. #
12)	B 4,4'-DDE	6.204	5.220	451801	2658481	0.152	1.833 #
13)	MA Dieldrin	6.373f	0.000	461754	0	0.141	N.D. #
14)	MA Endrin	6.588	5.625	125.6E6	67892829	45.196	46.399
15)	B Endosulfa...	6.822	5.933	1396368	482208	0.439	0.327 #
16)	A 4,4'-DDD	6.721	5.774	2175358	1215785	0.925	1.093
17)	MA 4,4'-DDT	7.036	6.023	249.3E6	128.4E6	102.518	115.496
18)	B Endrin al...	6.937	6.099	3558546	3337439	1.629	2.932 #
20)	A Methoxychlor	7.513	6.598	334.7E6	152.6E6	236.193	255.258
21)	B Endrin ke...	7.658	6.827	7175545	3559920	2.383	2.245
22)	Mirex	8.164f	0.000	174023	0	0.076	N.D. #
24)	Chlordane-2	5.251	4.339	148309	1158318	1.223	20.598 #
27)	Chlordane-5	0.000	5.933	0	482208	N.D.	8.071 #

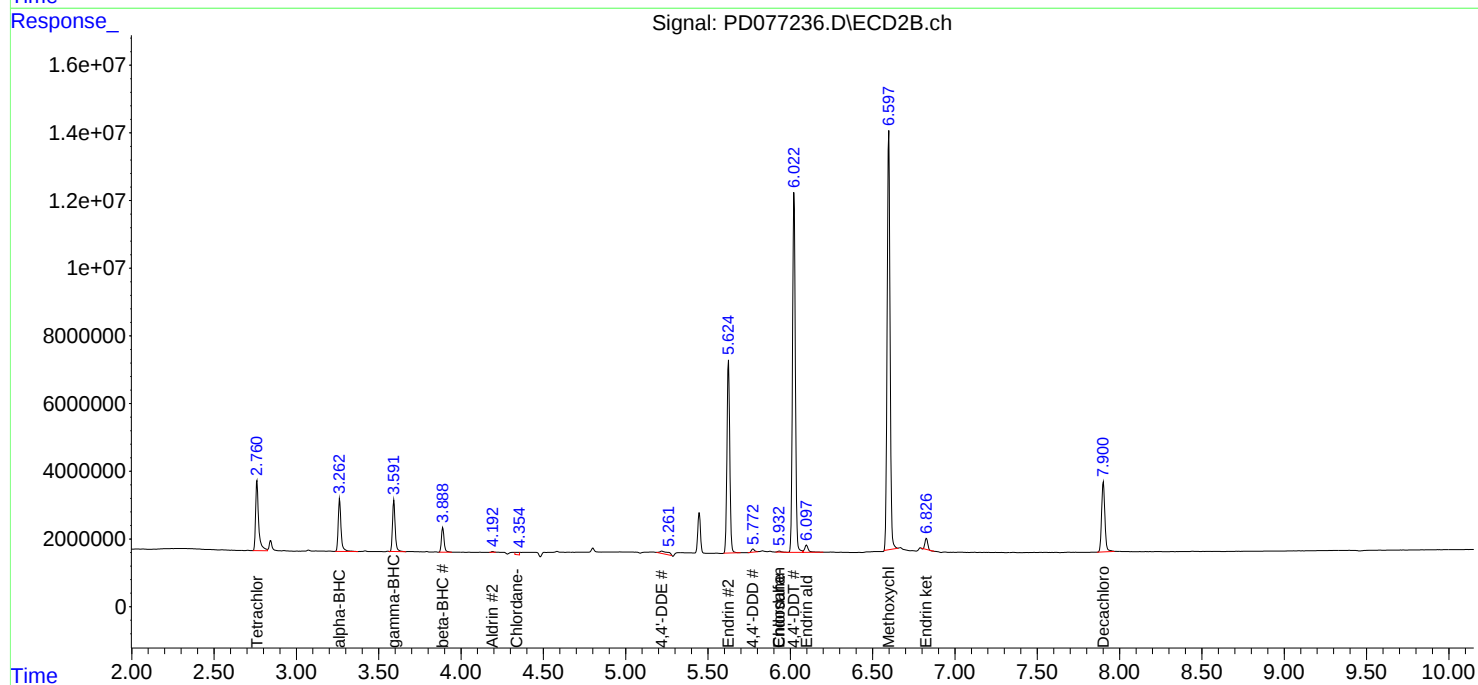
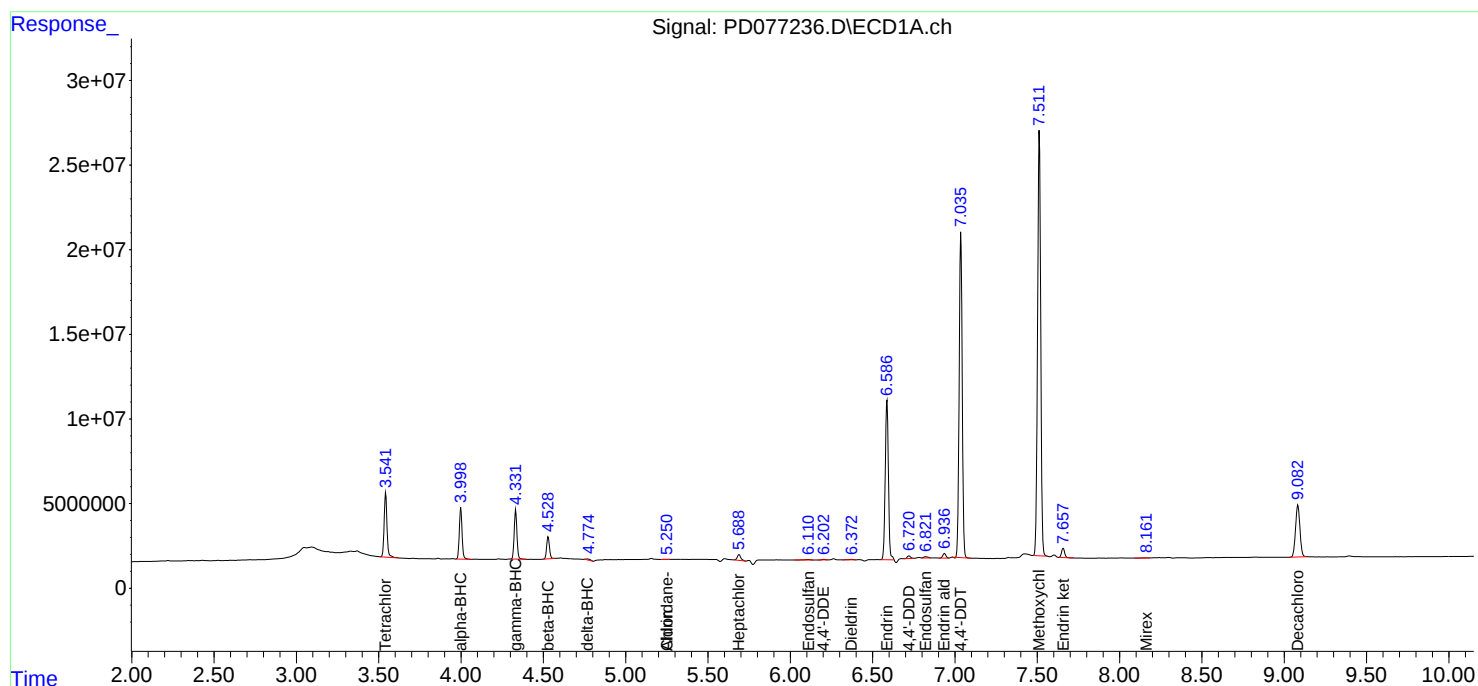
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

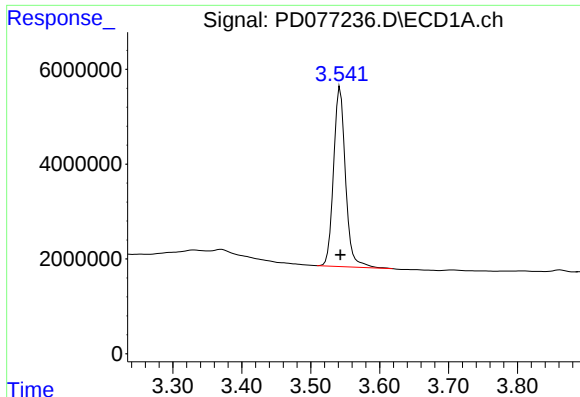
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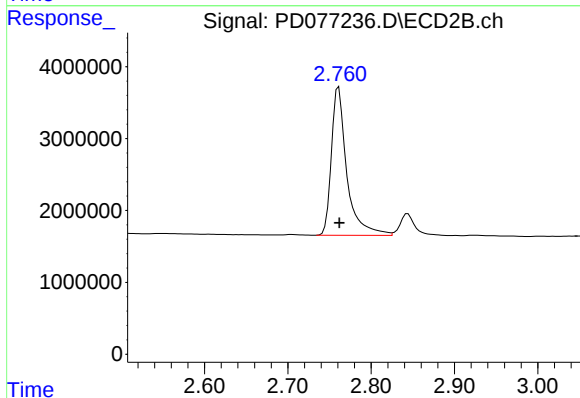




#1 Tetrachloro-m-xylene

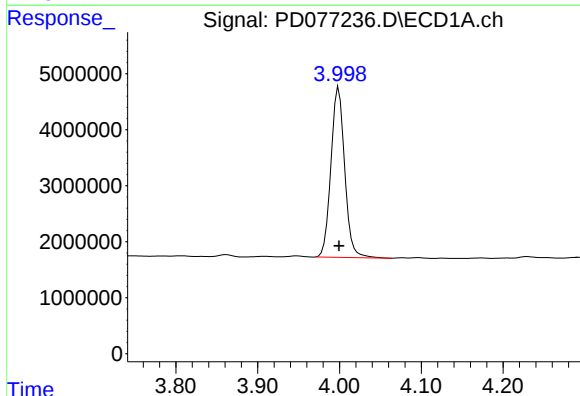
R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 45427683
Conc: 19.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



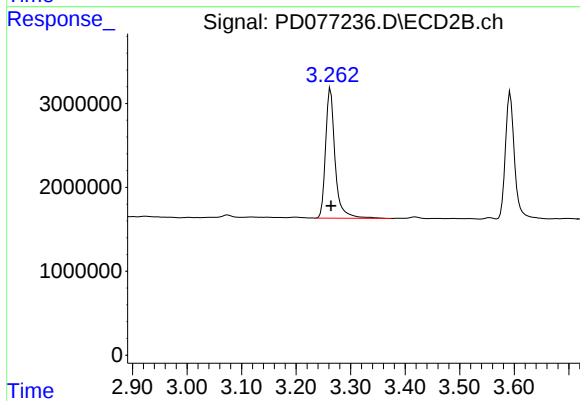
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 26586890
Conc: 19.52 ng/ml



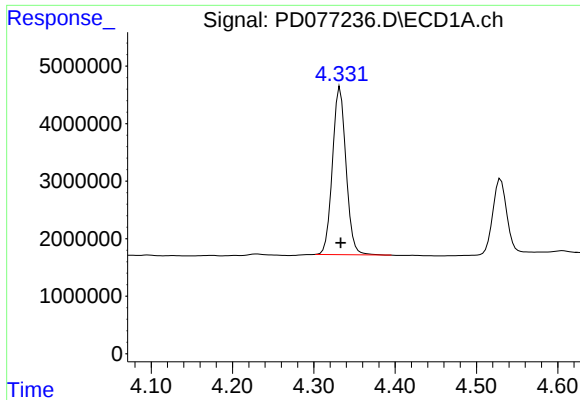
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 35478603
Conc: 9.24 ng/ml



#2 alpha-BHC

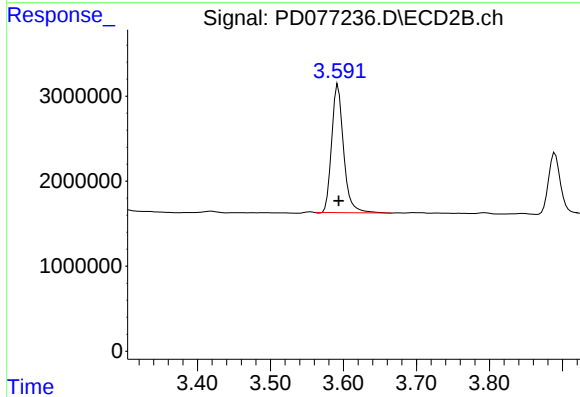
R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 18717137
Conc: 9.68 ng/ml



#3 gamma-BHC (Lindane)

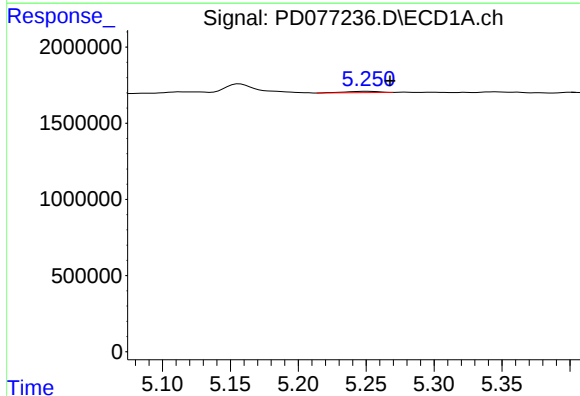
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 33794798
Conc: 9.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



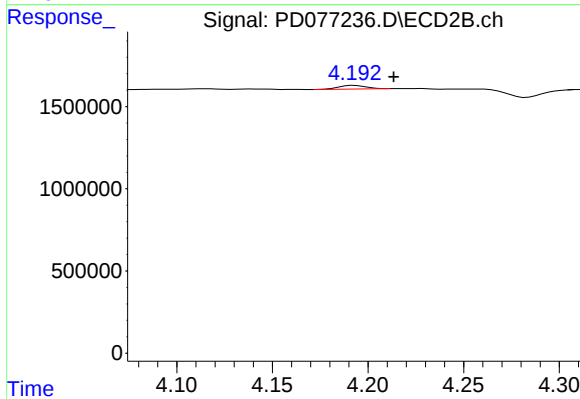
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 17165060
Conc: 9.23 ng/ml



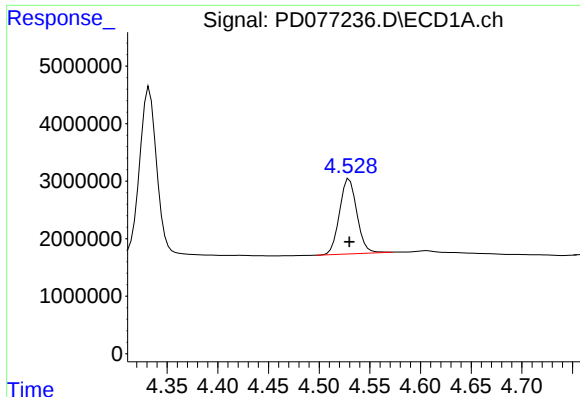
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.017 min
Response: 148309
Conc: 0.04 ng/ml



#5 Aldrin

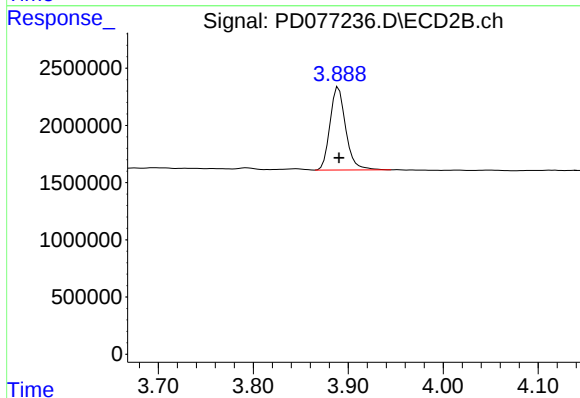
R.T.: 4.193 min
Delta R.T.: -0.020 min
Response: 223593
Conc: 0.12 ng/ml



#6 beta-BHC

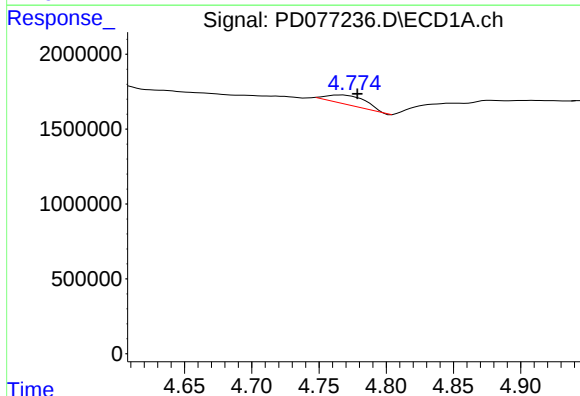
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 15517003
Conc: 10.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



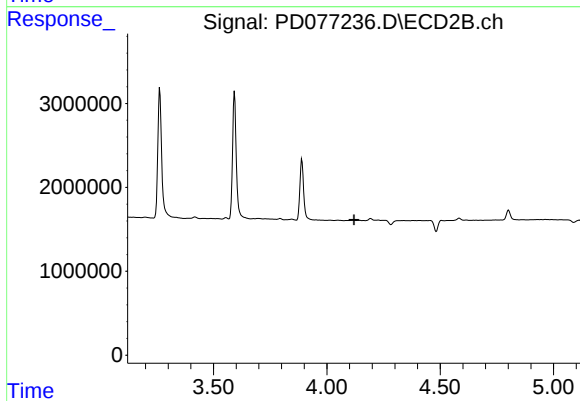
#6 beta-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 8342802
Conc: 10.94 ng/ml



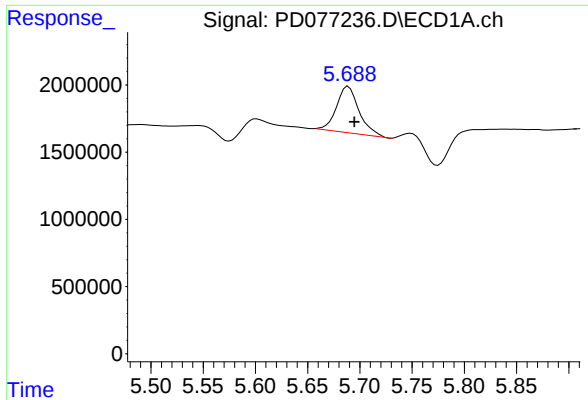
#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: -0.012 min
Response: 1265261
Conc: 0.36 ng/ml



#7 delta-BHC

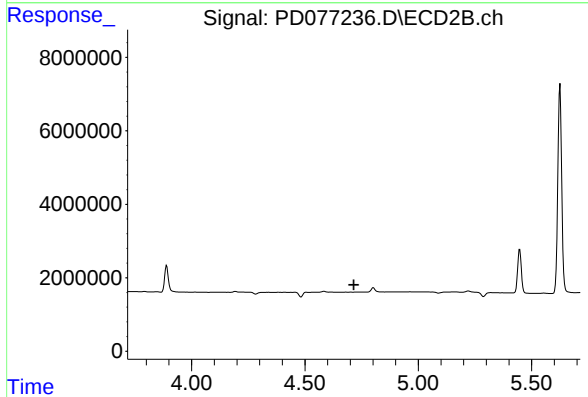
R.T.: 0.000 min
Exp R.T. : 4.120 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

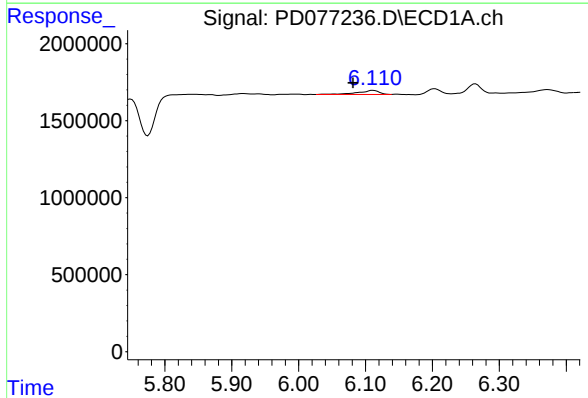
R.T.: 5.689 min
Delta R.T.: -0.006 min
Response: 5203560
Conc: 1.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



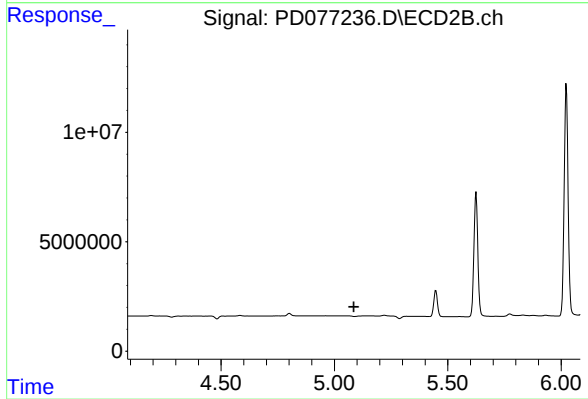
#8 Heptachlor epoxide

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



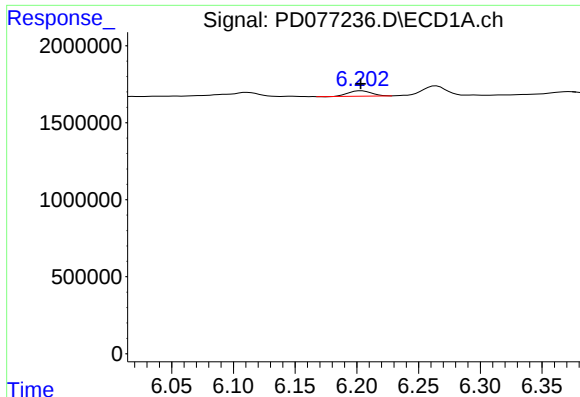
#9 Endosulfan I

R.T.: 6.111 min
Delta R.T.: 0.030 min
Response: 595405
Conc: 0.20 ng/ml



#9 Endosulfan I

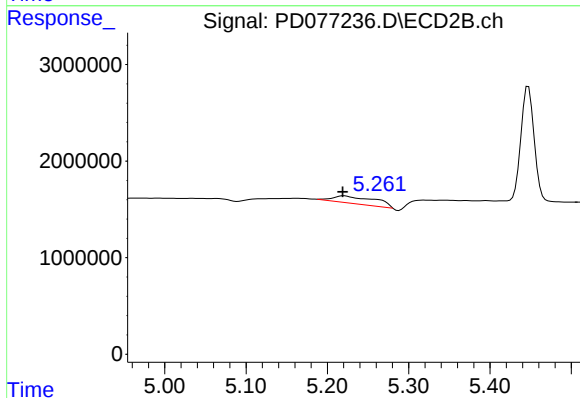
R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

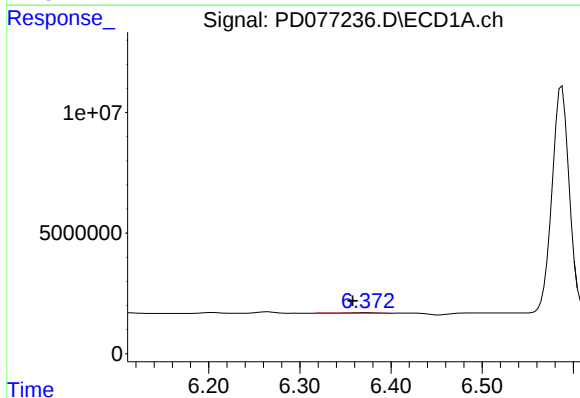
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 451801
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



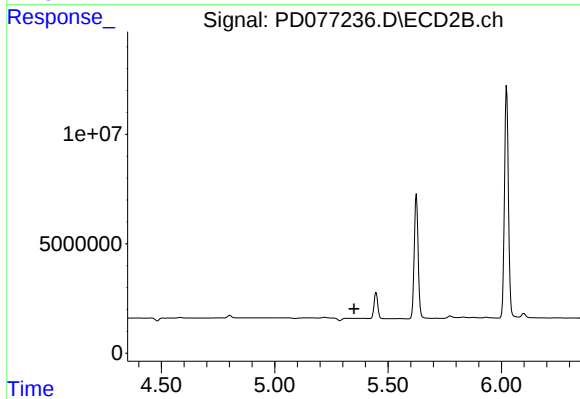
#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.002 min
Response: 2658481
Conc: 1.83 ng/ml



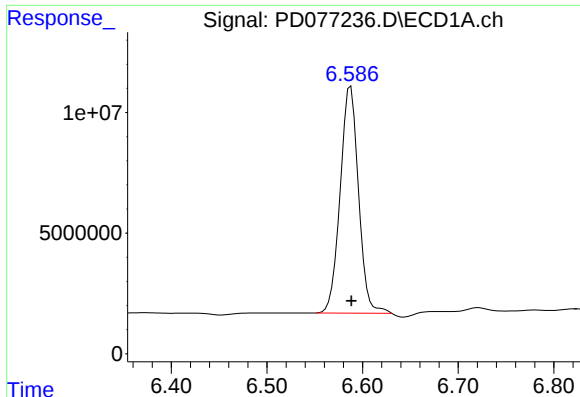
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: 0.015 min
Response: 461754
Conc: 0.14 ng/ml



#13 Dieldrin

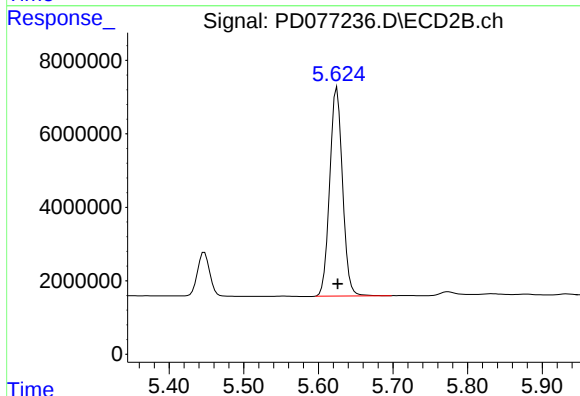
R.T.: 0.000 min
Exp R.T. : 5.350 min
Response: 0
Conc: N.D.



#14 Endrin

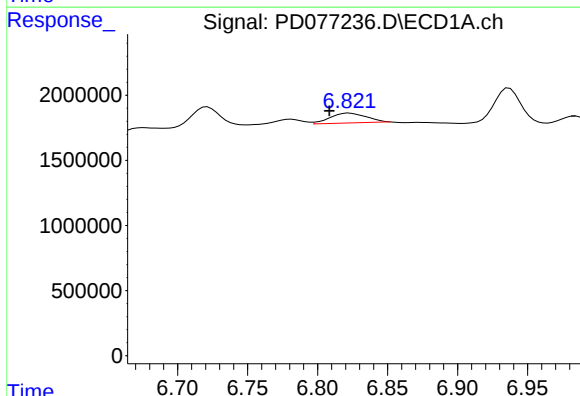
R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 125586775
Conc: 45.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



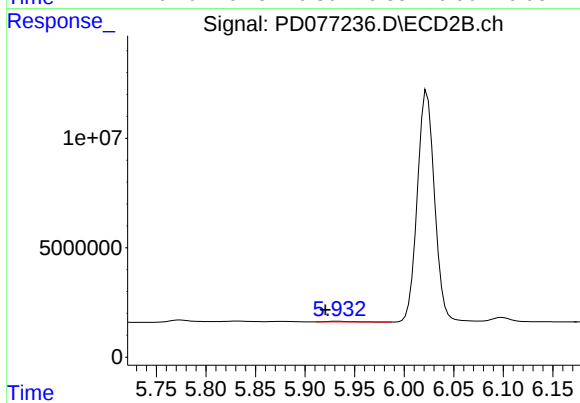
#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 67892829
Conc: 46.40 ng/ml



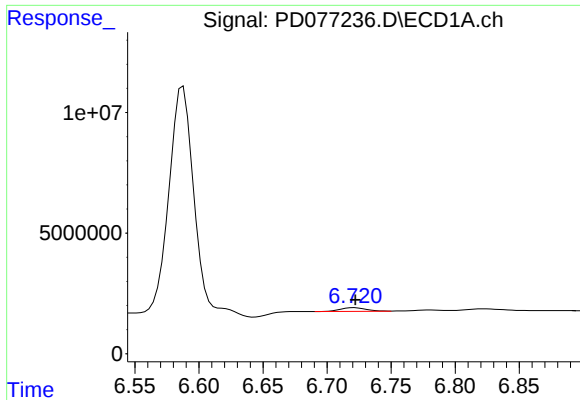
#15 Endosulfan II

R.T.: 6.822 min
Delta R.T.: 0.014 min
Response: 1396368
Conc: 0.44 ng/ml



#15 Endosulfan II

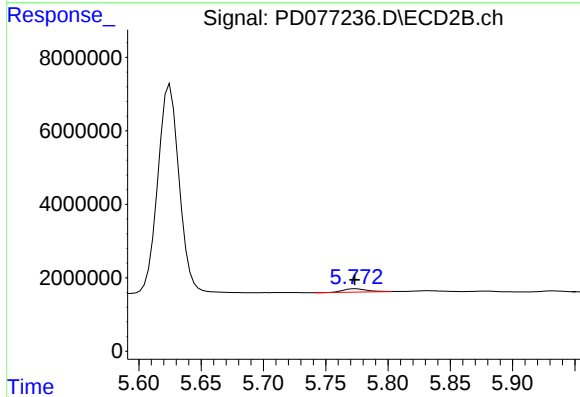
R.T.: 5.933 min
Delta R.T.: 0.013 min
Response: 482208
Conc: 0.33 ng/ml



#16 4,4'-DDD

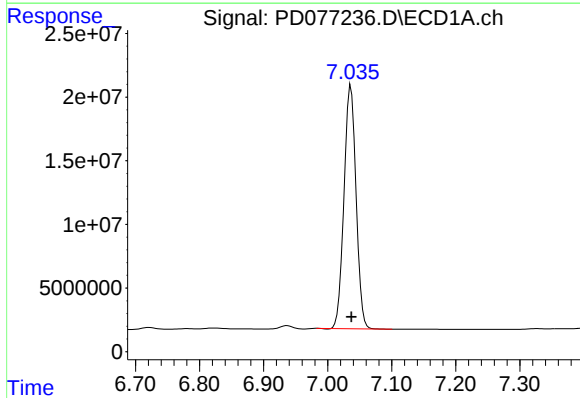
R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 2175358
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



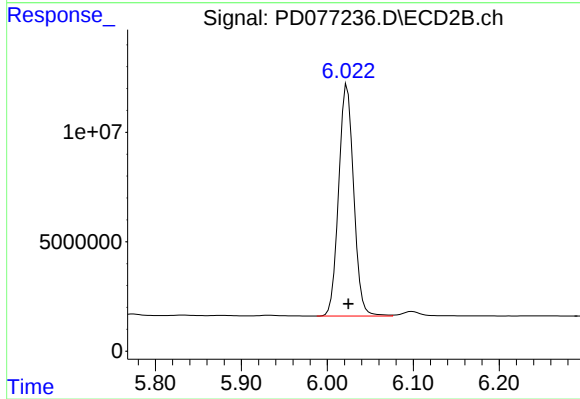
#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 1215785
Conc: 1.09 ng/ml



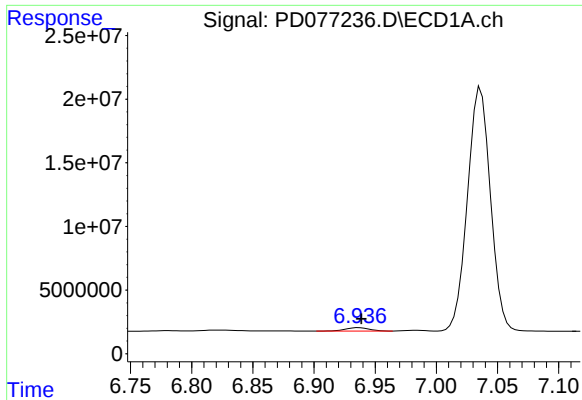
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 249284888
Conc: 102.52 ng/ml



#17 4,4'-DDT

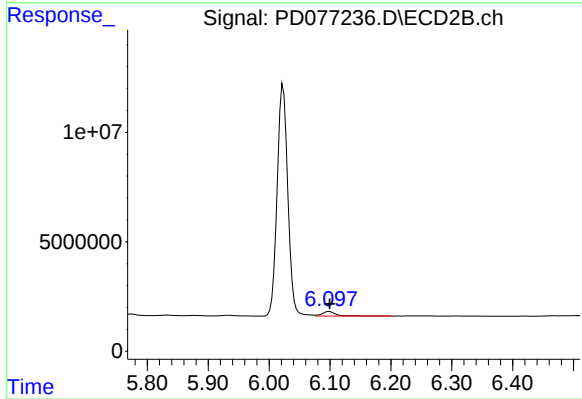
R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 128383812
Conc: 115.50 ng/ml



#18 Endrin aldehyde

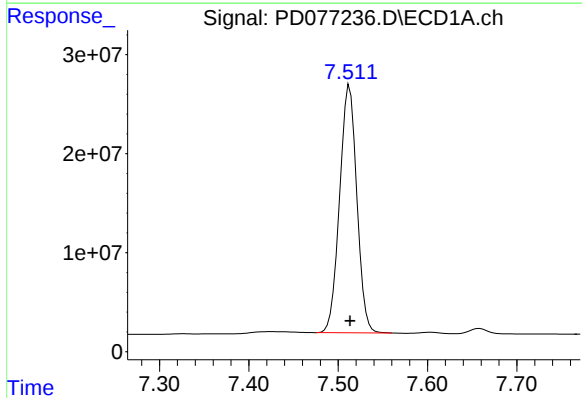
R.T.: 6.937 min
Delta R.T.: -0.002 min
Response: 3558546
Conc: 1.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



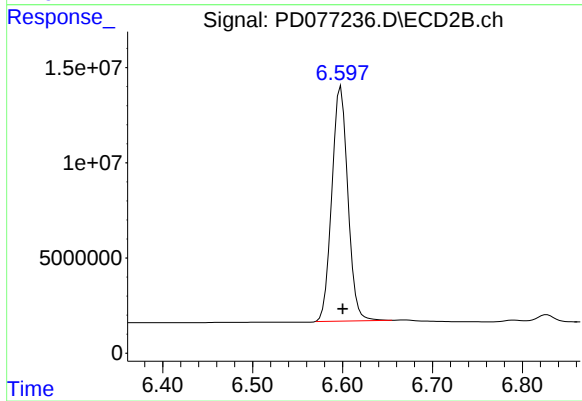
#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: -0.001 min
Response: 3337439
Conc: 2.93 ng/ml



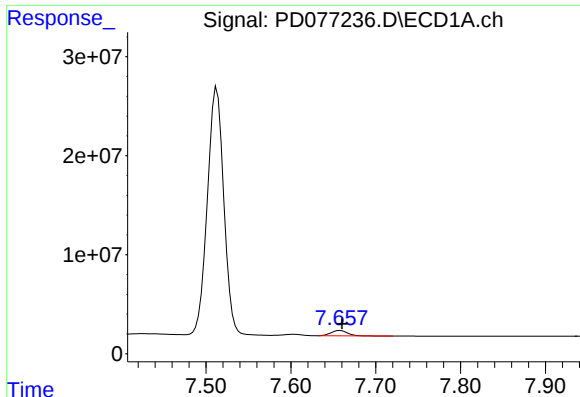
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 334653978
Conc: 236.19 ng/ml



#20 Methoxychlor

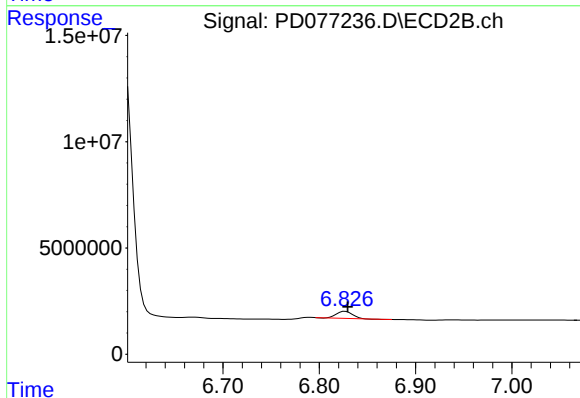
R.T.: 6.598 min
Delta R.T.: -0.002 min
Response: 152628640
Conc: 255.26 ng/ml



#21 Endrin ketone

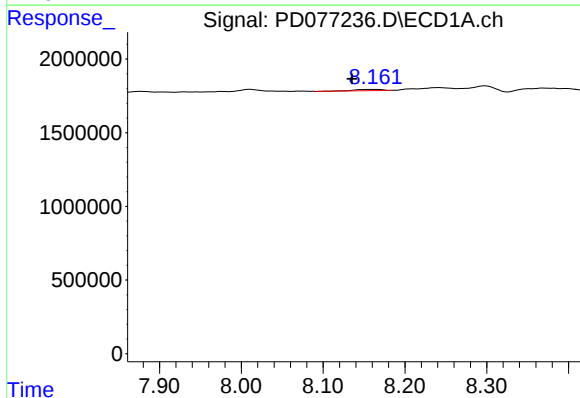
R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 7175545
Conc: 2.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



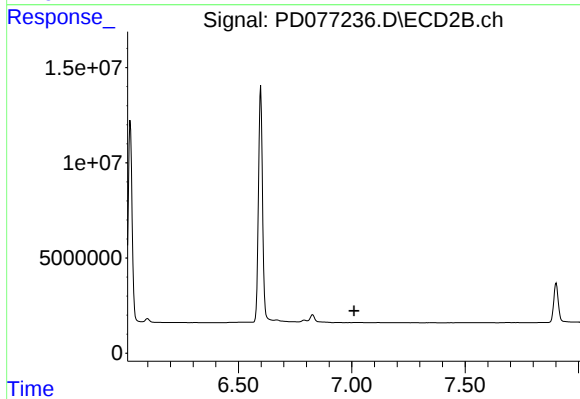
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.002 min
Response: 3559920
Conc: 2.25 ng/ml



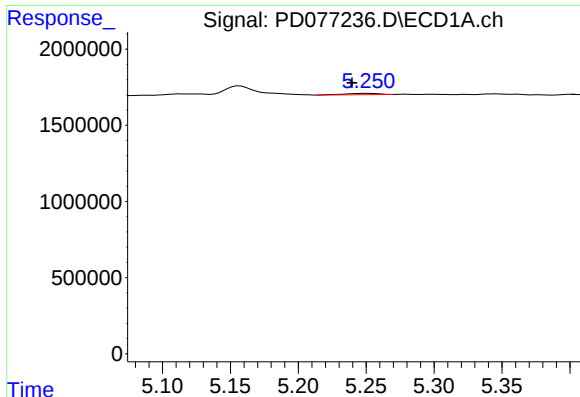
#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.029 min
Response: 174023
Conc: 0.08 ng/ml



#22 Mirex

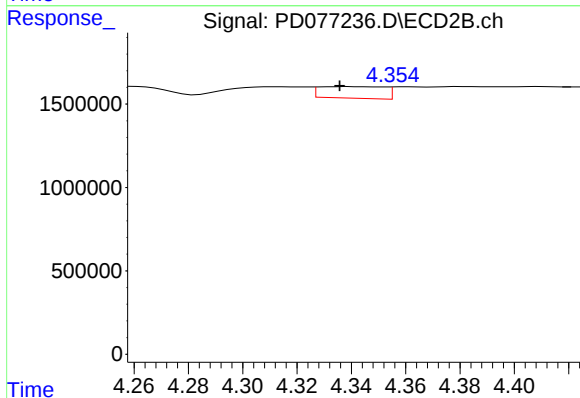
R.T.: 0.000 min
Exp R.T. : 7.011 min
Response: 0
Conc: N.D.



#24 Chlordane-2

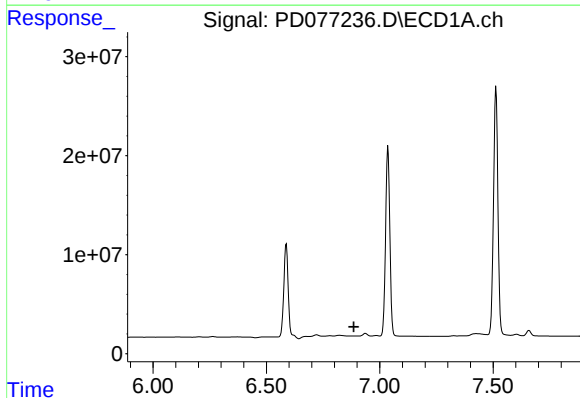
R.T.: 5.251 min
Delta R.T.: 0.012 min
Response: 148309
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



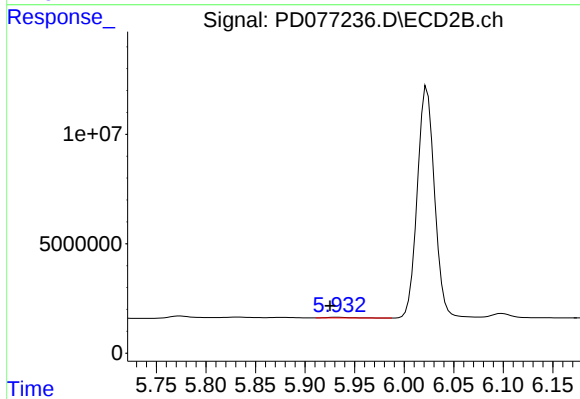
#24 Chlordane-2

R.T.: 4.339 min
Delta R.T.: 0.003 min
Response: 1158318
Conc: 20.60 ng/ml



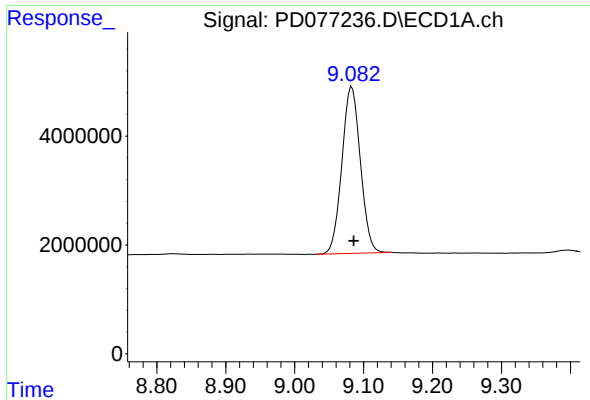
#27 Chlordane-5

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



#27 Chlordane-5

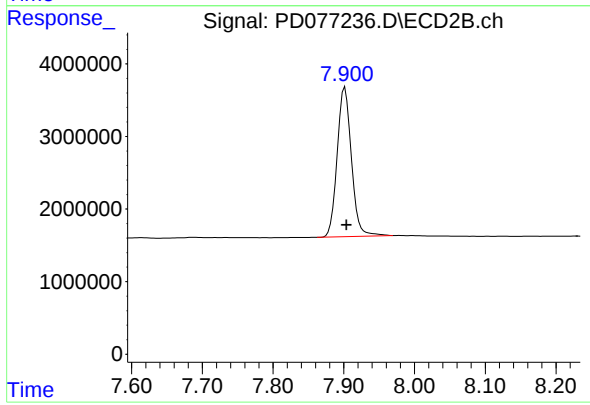
R.T.: 5.933 min
Delta R.T.: 0.008 min
Response: 482208
Conc: 8.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: -0.003 min
Response: 57163492
Conc: 20.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 28851448
Conc: 20.16 ng/ml