

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082323\
 Data File : PD077346.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 13:11
 Operator : AR\AJ
 Sample : 04116-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 22:47:20 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	20760320	13398472	8.773	9.836
28)	SA Decachlor...	9.085	7.903	26451055	11586962	9.653	8.097
Target Compounds							
4)	MA Heptachlor	4.949f	0.000	3904356	0	1.083	N.D. #
5)	MB Aldrin	5.296f	4.191f	235050	353617	0.064	0.191 #
7)	B delta-BHC	4.770	4.127	831496	514300	0.238	0.289
8)	B Heptachlo...	5.686	0.000	1139136	0	0.344	N.D. #
10)	B gamma-Chl...	5.951	4.966	2126324	1676779	0.653	1.011 #
11)	B alpha-Chl...	6.033	5.028	8635576	3229472	2.633	1.934 #
12)	B 4,4'-DDE	6.202	5.217	5075550	2756071	1.711	1.901
13)	MA Dieldrin	6.353	5.350	449075	827107	0.137	0.491 #
14)	MA Endrin	6.585	5.635	1082048	-257953	0.389	N.D. #
16)	A 4,4'-DDD	6.730	5.772	2495012	406887	1.061	0.366 #
17)	MA 4,4'-DDT	7.010f	6.019	2437720	1395338	1.003	1.255 #
18)	B Endrin al...	6.963f	6.118f	250963	392015	0.115	0.344 #
19)	B Endosulfa...	0.000	6.318	0	328425	N.D.	0.246 #
21)	B Endrin ke...	7.688f	6.857f	134658	422498	0.045	0.266 #
23)	Chlordane-1	4.708	3.758	2734702	1725821	25.174	34.780 #
24)	Chlordane-2	5.234	4.336	2736491	1277345	22.565	22.714
25)	Chlordane-3	5.951	4.966	2126324	1676779	4.489	10.276 #
26)	Chlordane-4	6.033	5.028	8635576	3229472	14.929	20.047 #

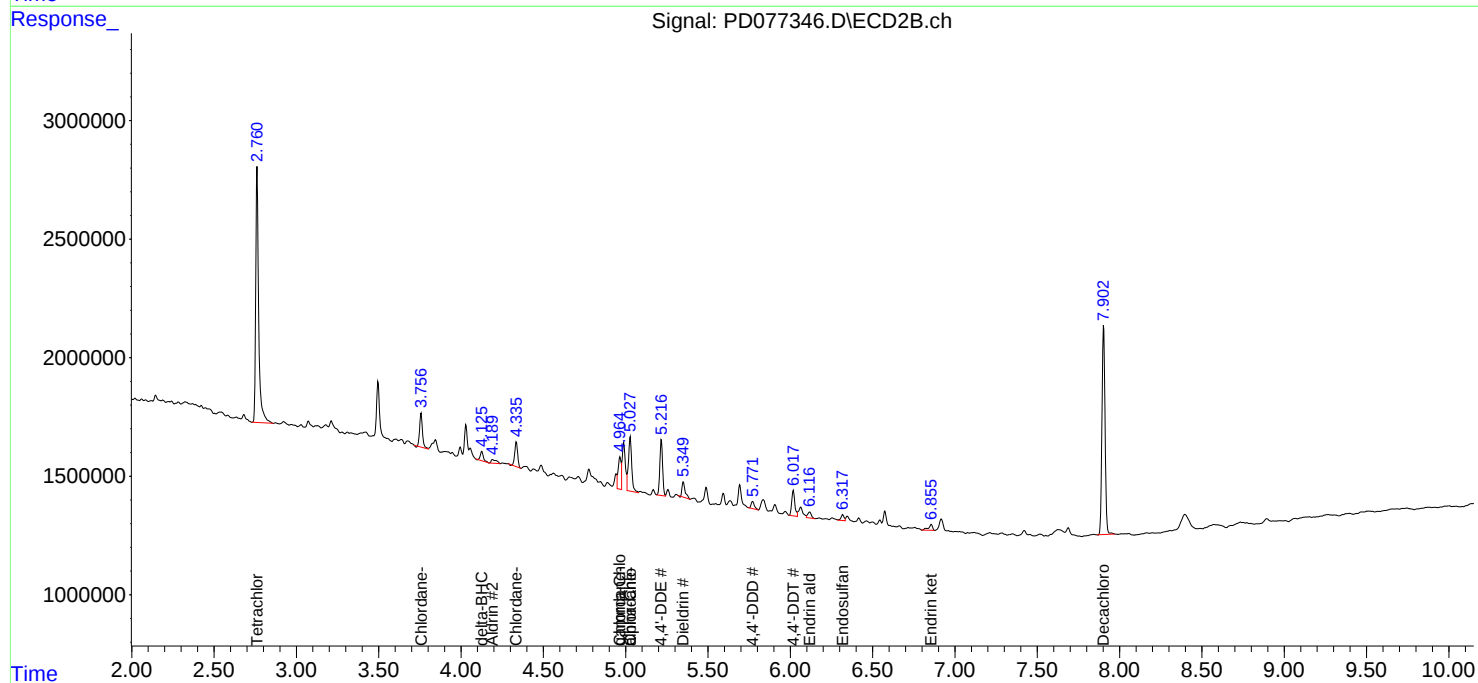
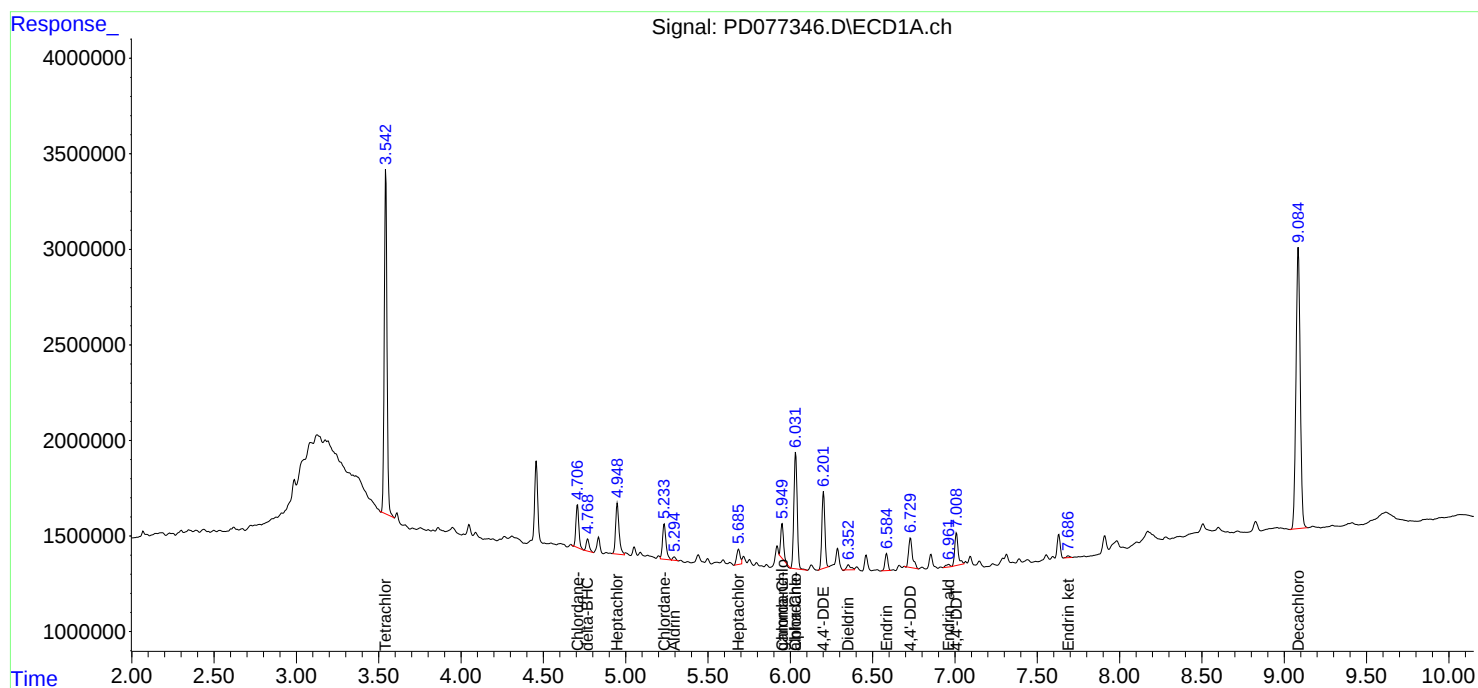
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

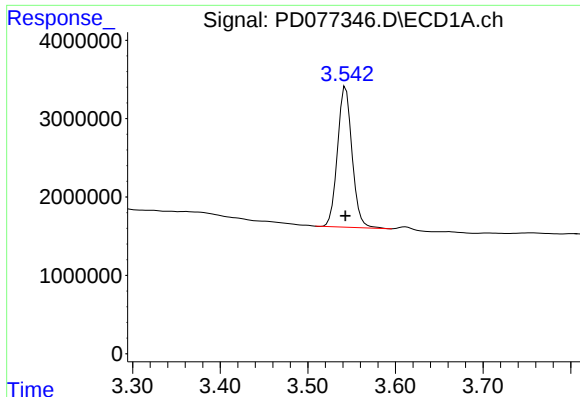
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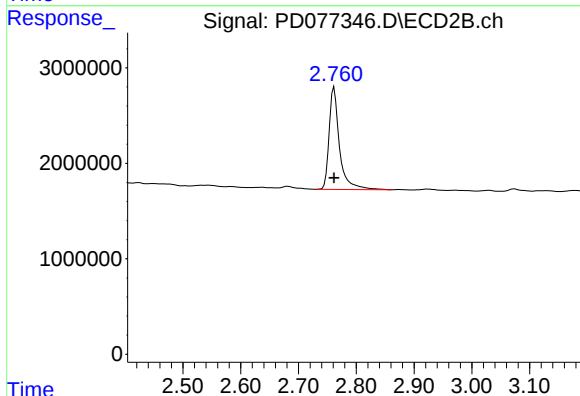




#1 Tetrachloro-m-xylene

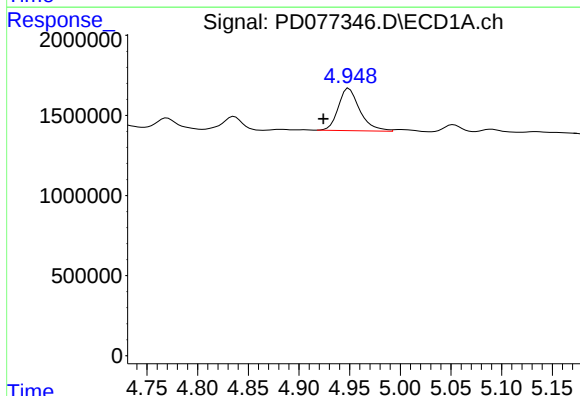
R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 20760320
Conc: 8.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



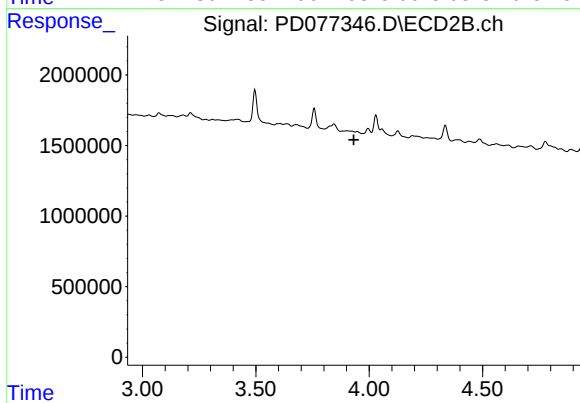
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 13398472
Conc: 9.84 ng/ml



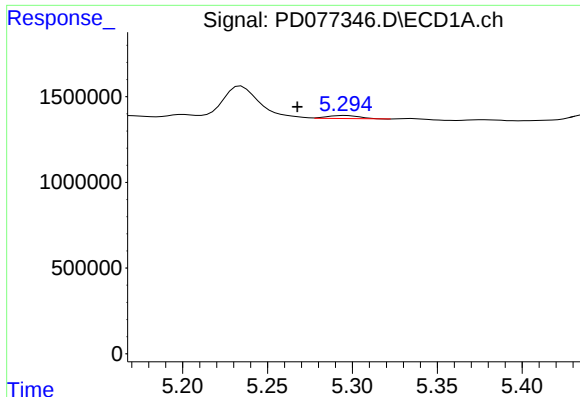
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.025 min
Response: 3904356
Conc: 1.08 ng/ml



#4 Heptachlor

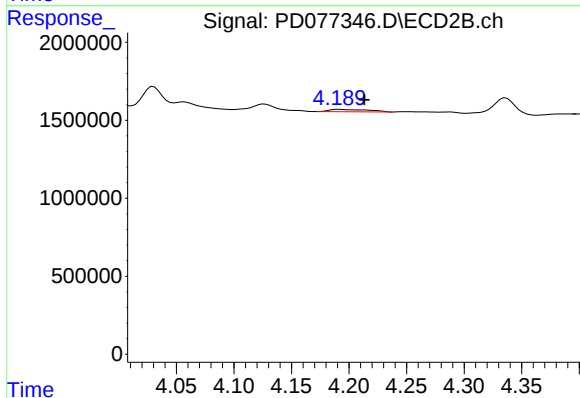
R.T.: 0.000 min
Exp R.T. : 3.933 min
Response: 0
Conc: N.D.



#5 Aldrin

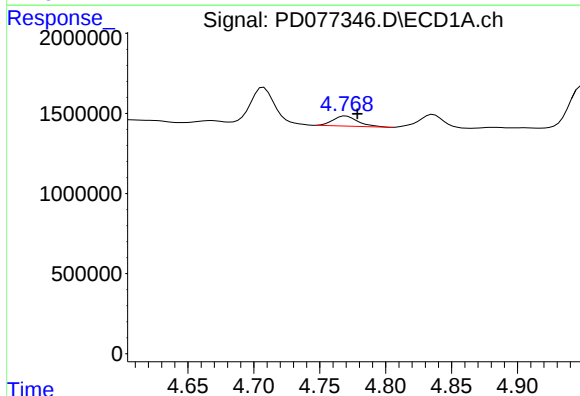
R.T.: 5.296 min
Delta R.T.: 0.028 min
Response: 235050
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



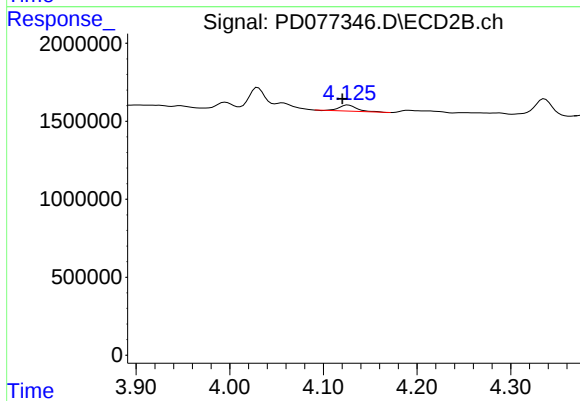
#5 Aldrin

R.T.: 4.191 min
Delta R.T.: -0.022 min
Response: 353617
Conc: 0.19 ng/ml



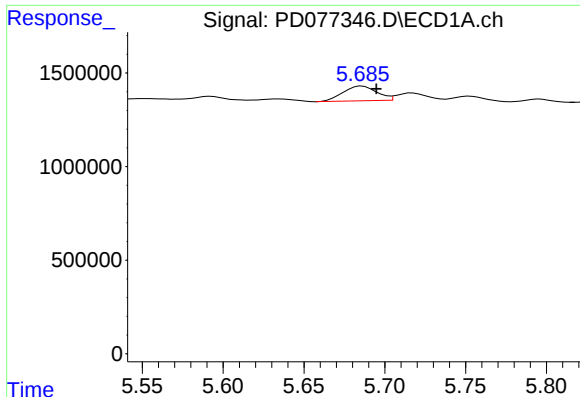
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.009 min
Response: 831496
Conc: 0.24 ng/ml



#7 delta-BHC

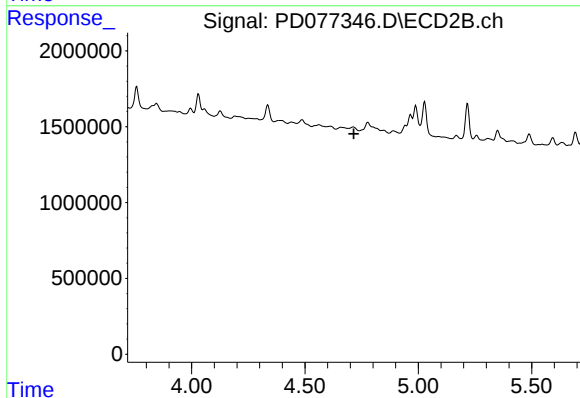
R.T.: 4.127 min
Delta R.T.: 0.006 min
Response: 514300
Conc: 0.29 ng/ml



#8 Heptachlor epoxide

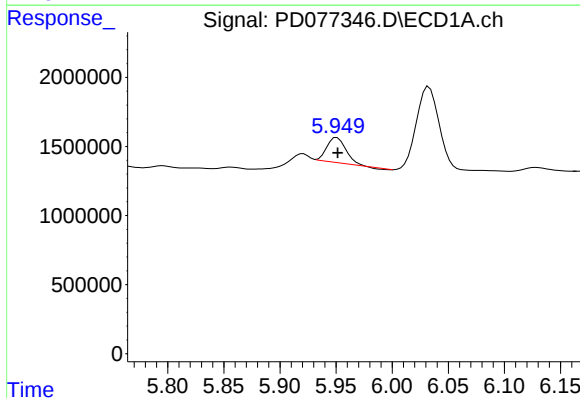
R.T.: 5.686 min
Delta R.T.: -0.009 min
Response: 1139136
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



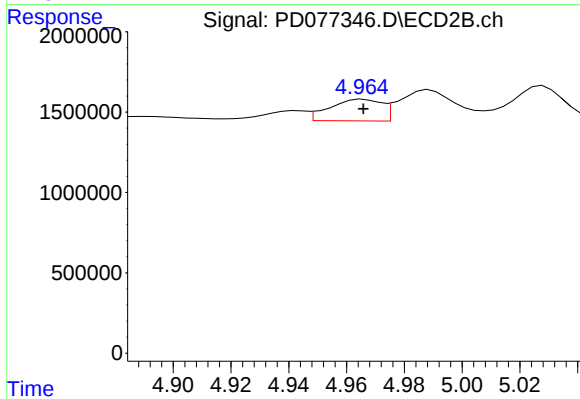
#8 Heptachlor epoxide

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



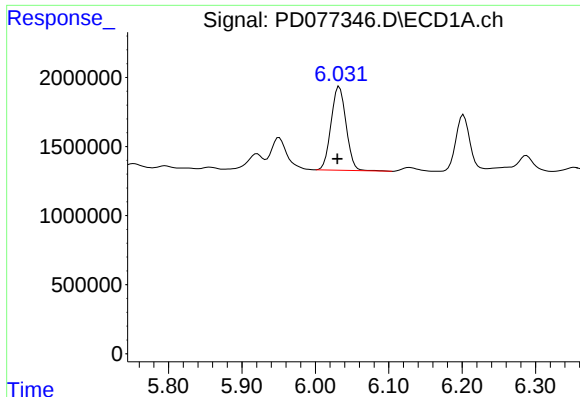
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 2126324
Conc: 0.65 ng/ml



#10 gamma-Chlordane

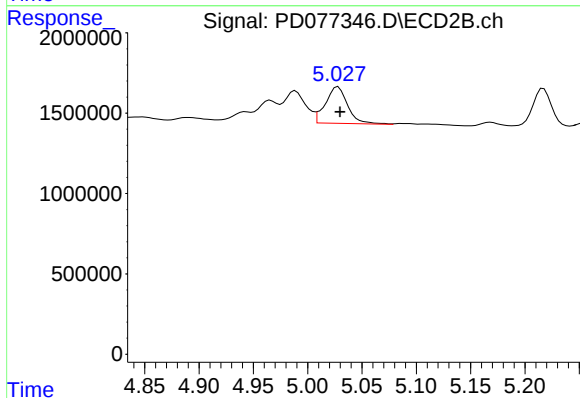
R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 1676779
Conc: 1.01 ng/ml



#11 alpha-Chlordane

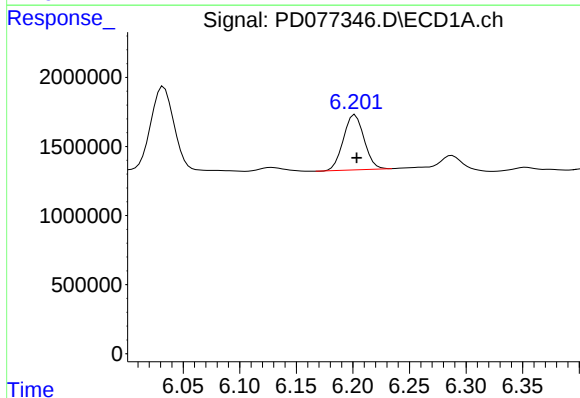
R.T.: 6.033 min
Delta R.T.: 0.002 min
Response: 8635576
Conc: 2.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



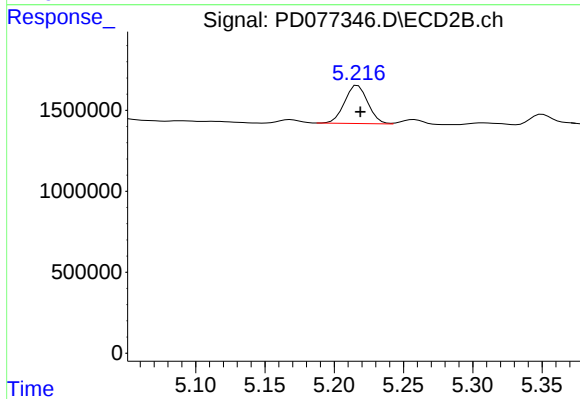
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 3229472
Conc: 1.93 ng/ml



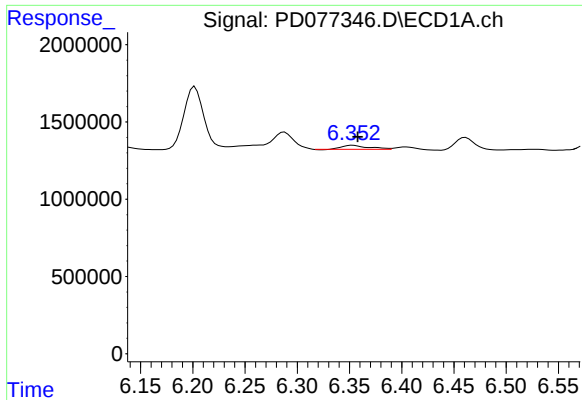
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: -0.001 min
Response: 5075550
Conc: 1.71 ng/ml



#12 4,4'-DDE

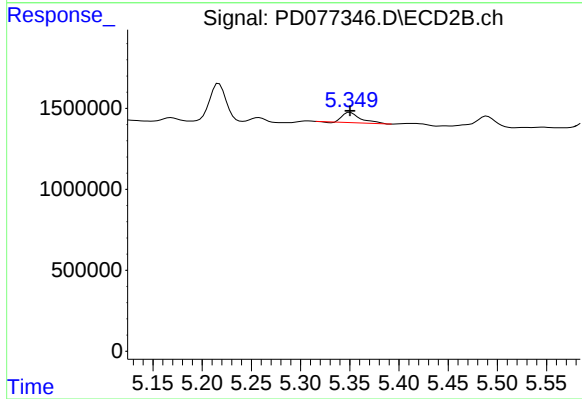
R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 2756071
Conc: 1.90 ng/ml



#13 Dieldrin

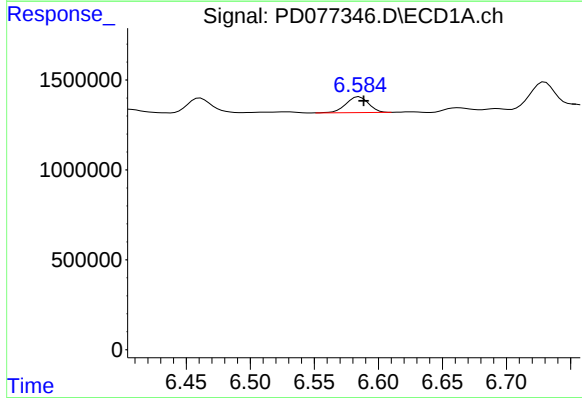
R.T.: 6.353 min
Delta R.T.: -0.005 min
Response: 449075
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



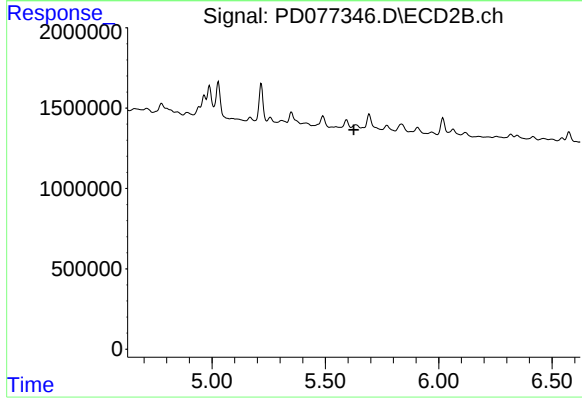
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 827107
Conc: 0.49 ng/ml



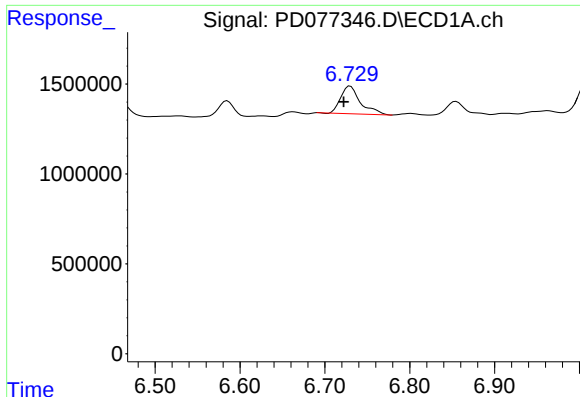
#14 Endrin

R.T.: 6.585 min
Delta R.T.: -0.003 min
Response: 1082048
Conc: 0.39 ng/ml



#14 Endrin

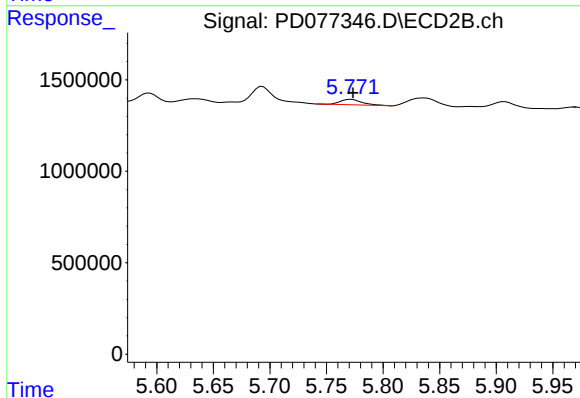
R.T.: 5.635 min
Delta R.T.: 0.008 min
Response: -257953
Conc: N.D.



#16 4,4'-DDD

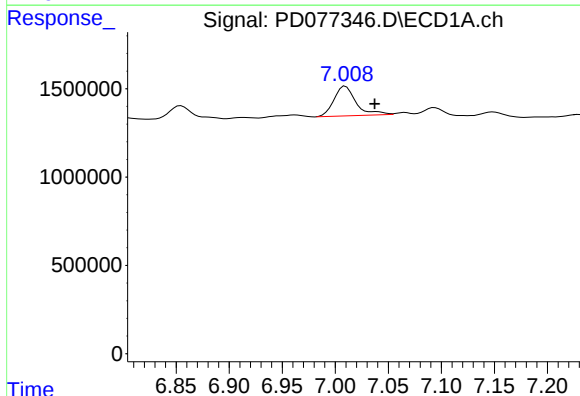
R.T.: 6.730 min
Delta R.T.: 0.008 min
Response: 2495012
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



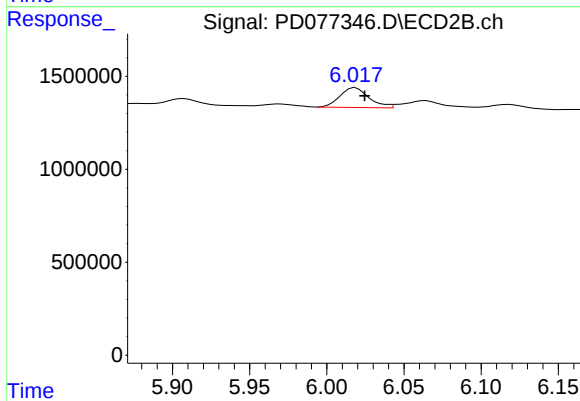
#16 4,4'-DDD

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 406887
Conc: 0.37 ng/ml



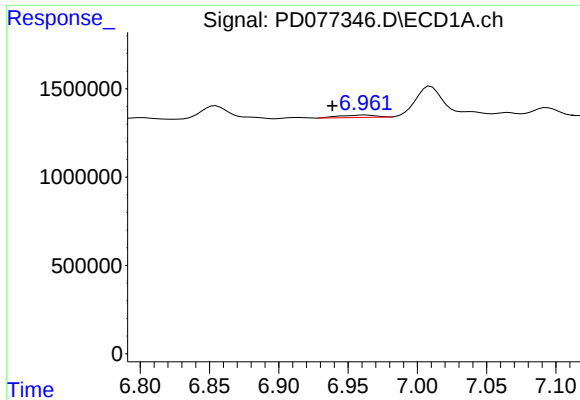
#17 4,4'-DDT

R.T.: 7.010 min
Delta R.T.: -0.027 min
Response: 2437720
Conc: 1.00 ng/ml



#17 4,4'-DDT

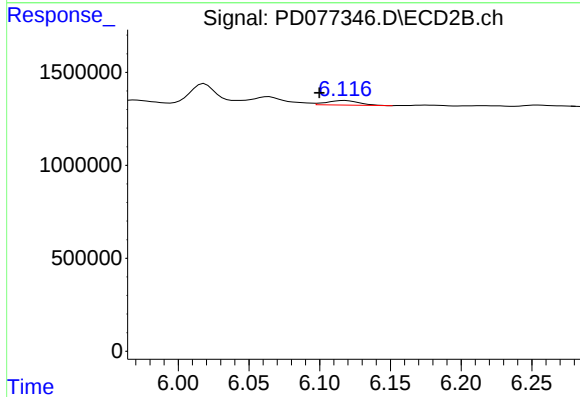
R.T.: 6.019 min
Delta R.T.: -0.006 min
Response: 1395338
Conc: 1.26 ng/ml



#18 Endrin aldehyde

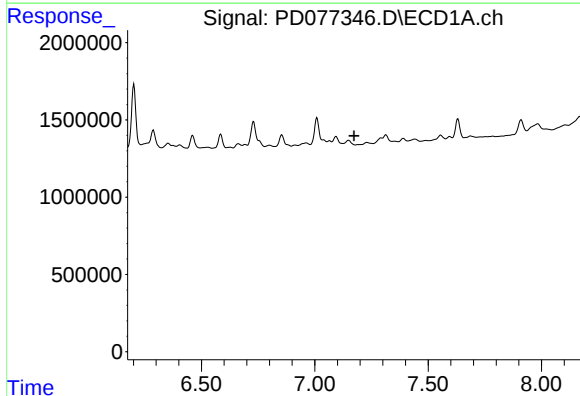
R.T.: 6.963 min
Delta R.T.: 0.024 min
Response: 250963
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



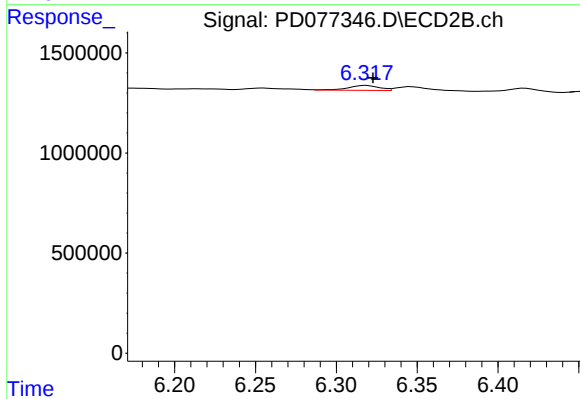
#18 Endrin aldehyde

R.T.: 6.118 min
Delta R.T.: 0.018 min
Response: 392015
Conc: 0.34 ng/ml



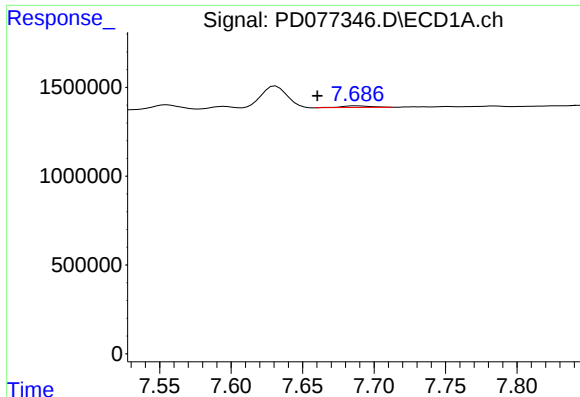
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.174 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

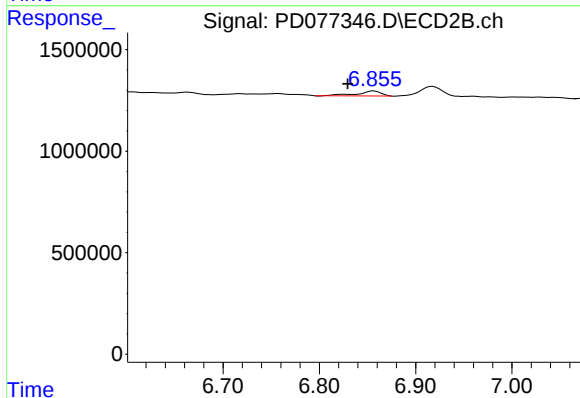
R.T.: 6.318 min
Delta R.T.: -0.004 min
Response: 328425
Conc: 0.25 ng/ml



#21 Endrin ketone

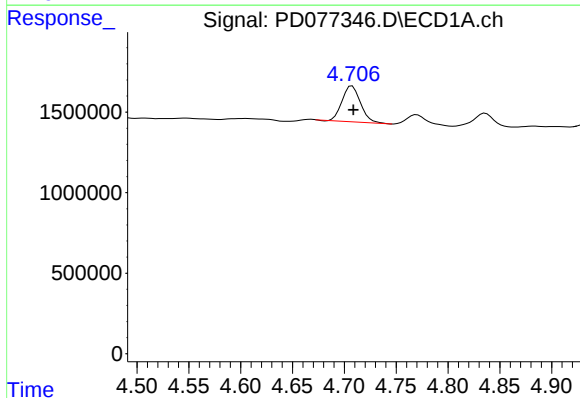
R.T.: 7.688 min
Delta R.T.: 0.027 min
Response: 134658
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



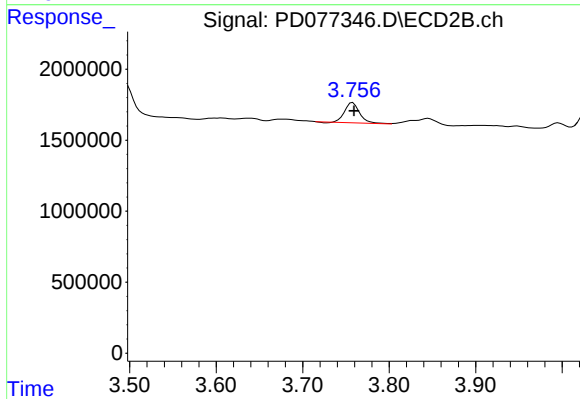
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: 0.027 min
Response: 422498
Conc: 0.27 ng/ml



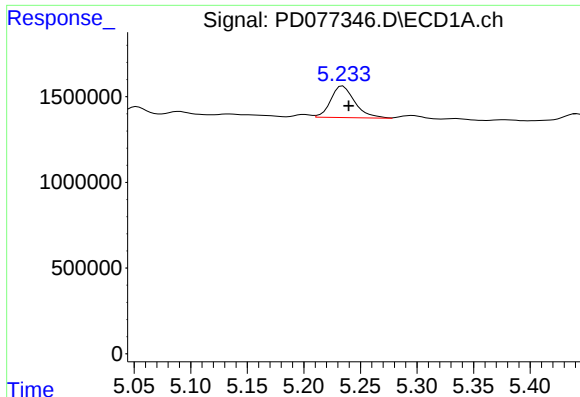
#23 Chlordane-1

R.T.: 4.708 min
Delta R.T.: -0.001 min
Response: 2734702
Conc: 25.17 ng/ml



#23 Chlordane-1

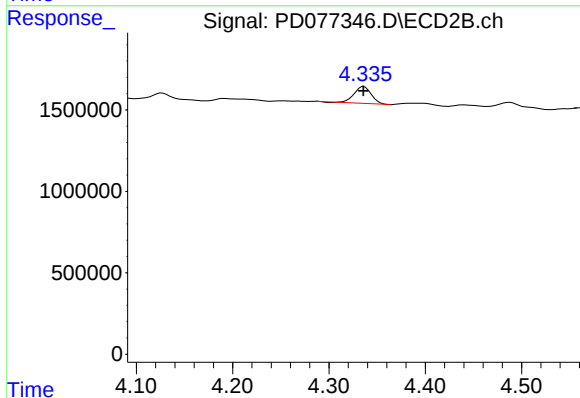
R.T.: 3.758 min
Delta R.T.: -0.002 min
Response: 1725821
Conc: 34.78 ng/ml



#24 Chlordane-2

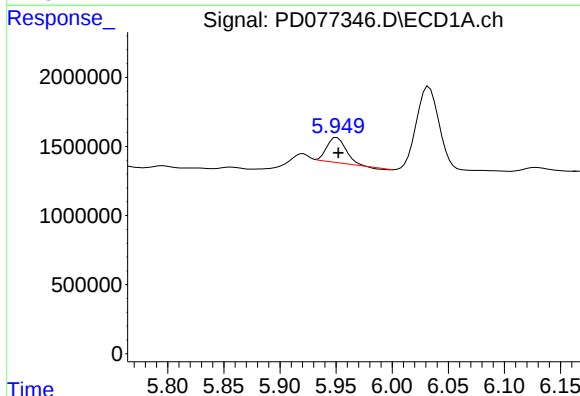
R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 2736491
Conc: 22.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



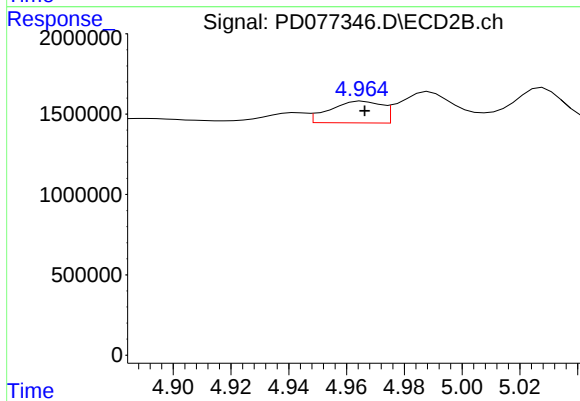
#24 Chlordane-2

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 1277345
Conc: 22.71 ng/ml



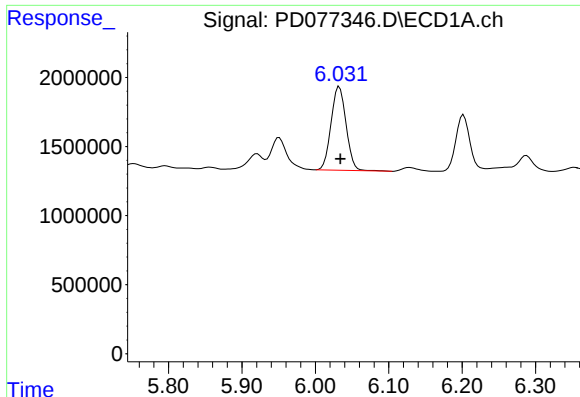
#25 Chlordane-3

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 2126324
Conc: 4.49 ng/ml



#25 Chlordane-3

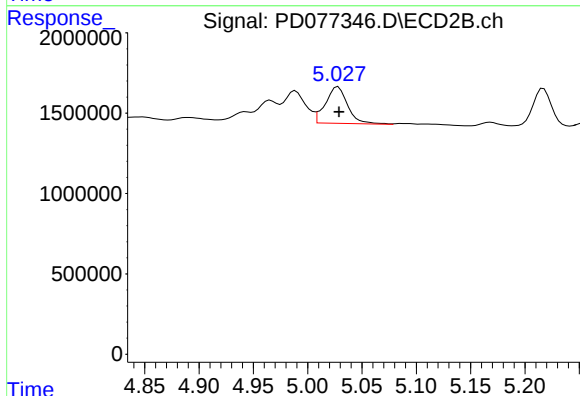
R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 1676779
Conc: 10.28 ng/ml



#26 Chlordane-4

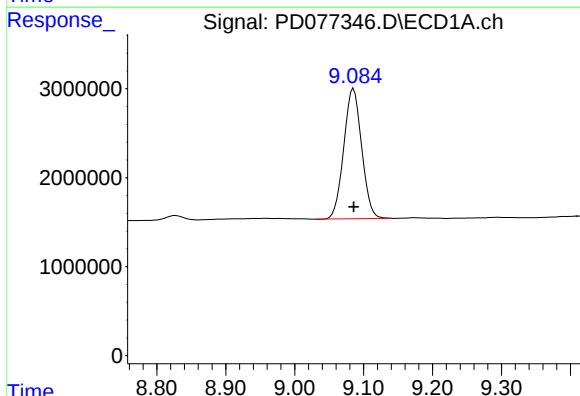
R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 8635576
Conc: 14.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



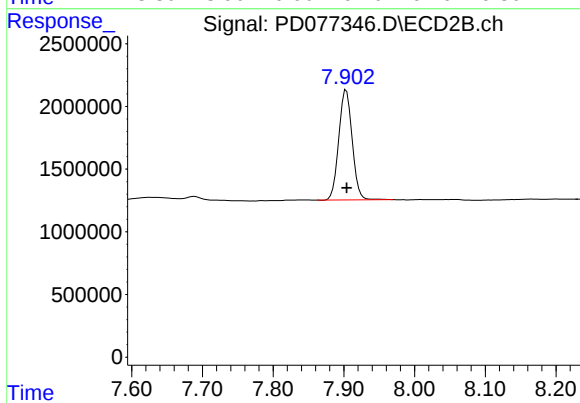
#26 Chlordane-4

R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 3229472
Conc: 20.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 26451055
Conc: 9.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 11586962
Conc: 8.10 ng/ml