

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112921\
 Data File : PL071185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2021 17:29
 Operator : AR\AJ
 Sample : M4835-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

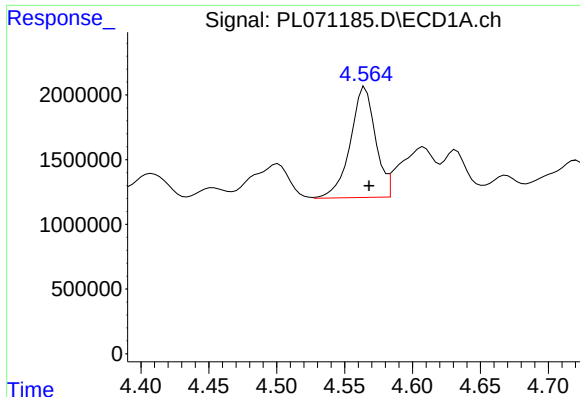
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 21:04:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.565	5.502	11014937	19933766	22.488	15.810 #
28)	SA Decachlor...	10.328	11.393	10585357	17115579	15.492	12.798
Target Compounds							
2)	A alpha-BHC	5.262	6.055f	413049	4065096	0.617	2.208 #
3)	MA gamma-BHC...	5.694	6.455f	15056951	3195034	22.447	1.843 #
4)	MA Heptachlor	6.120f	7.115	3992497	10248241	5.564	6.309
5)	MB Aldrin	6.411f	7.504	5648317	13456051	8.833	8.287
8)	B Heptachlo...	7.005	7.967	11889816	3421495	18.288	2.245 #
9)	A Endosulfan I	7.410	8.369	4212533	3914148	6.877	2.721 #
10)	B gamma-Chl...	7.282	8.230	4168471	-4163646	6.279	N.D. #
11)	B alpha-Chl...	7.355	8.311	3208709	7644833	4.815	5.026
12)	B 4,4'-DDE	7.563	8.499	863222	1005935	1.482	0.682 #
13)	MA Dieldrin	7.697	8.656	-137303	8361762	N.D.	5.739
14)	MA Endrin	7.960f	8.877f	1966408	-2565260	3.468	N.D. #
15)	B Endosulfa...	8.305	9.107f	4045664	6031931	6.683	4.939 #
16)	A 4,4'-DDD	8.149	0.000	4854331	0	9.554	N.D. #
17)	MA 4,4'-DDT	8.417	9.346	526658	993600	0.958	0.788
18)	B Endrin al...	8.490	9.250	1091560	9801582	2.403	10.136 #
19)	B Endosulfa...	8.707	9.515f	2306030	7473500	3.738	6.030 #
20)	A Methoxychlor	9.004	9.841	2950266	33972625	8.064	50.196 #
21)	B Endrin ke...	9.220	10.002	1153942	2355123	1.614	1.641
22)	Mirex	9.433f	10.445f	5534226	-2755750	9.011	N.D. #
23)	Chlordane-1	5.879	0.000	737718	0	43.268	N.D. #
24)	Chlordane-2	6.578	7.471	1328788	5130967	57.867	97.817 #
25)	Chlordane-3	7.282	8.230	4168471	-4163646	68.276	N.D. #
26)	Chlordane-4	7.355	8.311	3208709	7644833	48.876	31.503 #
27)	Chlordane-5	8.305	9.185	4045664	471829	180.950	11.389 #

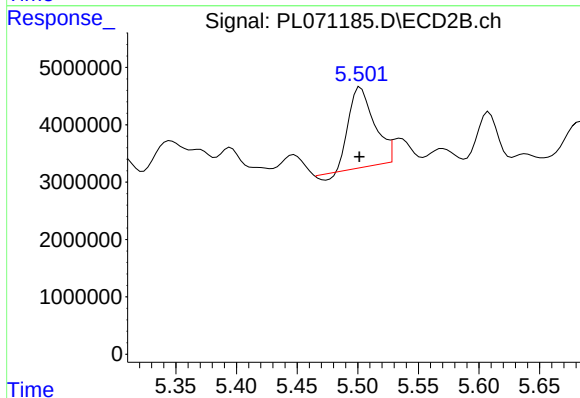
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

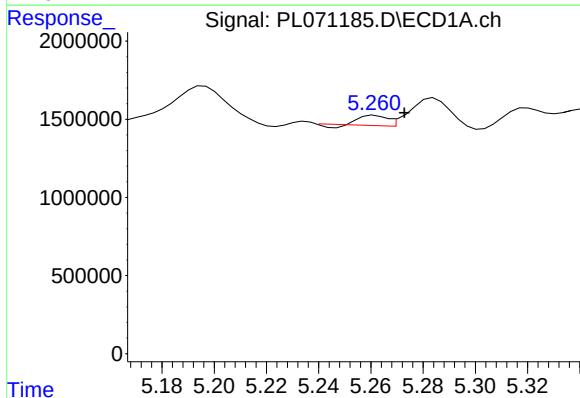
R.T.: 4.565 min
Delta R.T.: -0.003 min
Response: 11014937
Conc: 22.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



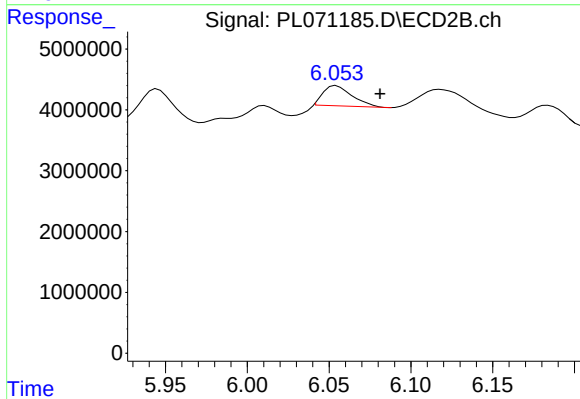
#1 Tetrachloro-m-xylene

R.T.: 5.502 min
Delta R.T.: 0.001 min
Response: 19933766
Conc: 15.81 ng/ml



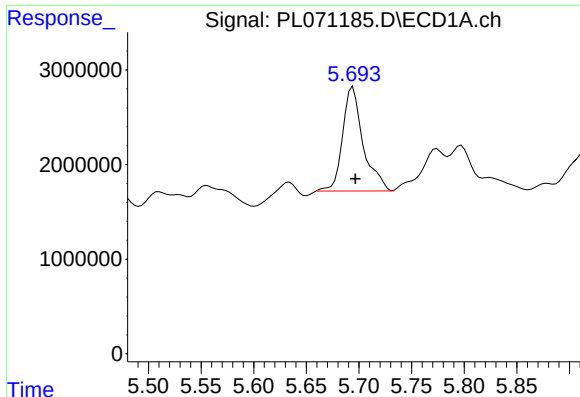
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.011 min
Response: 413049
Conc: 0.62 ng/ml



#2 alpha-BHC

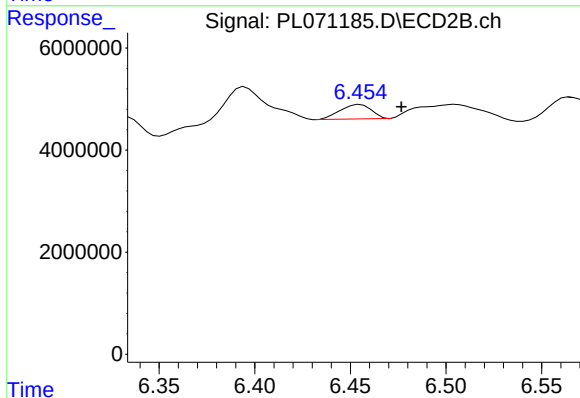
R.T.: 6.055 min
Delta R.T.: -0.026 min
Response: 4065096
Conc: 2.21 ng/ml



#3 gamma-BHC (Lindane)

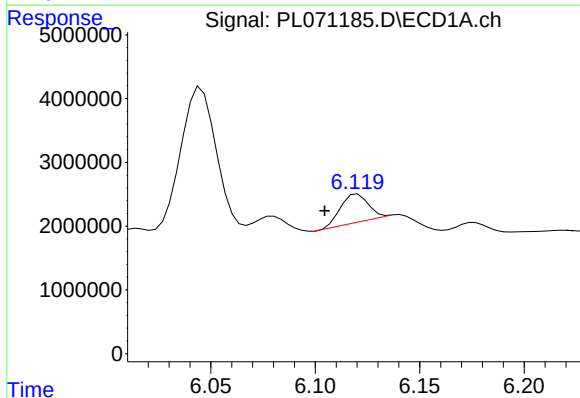
R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 15056951
Conc: 22.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



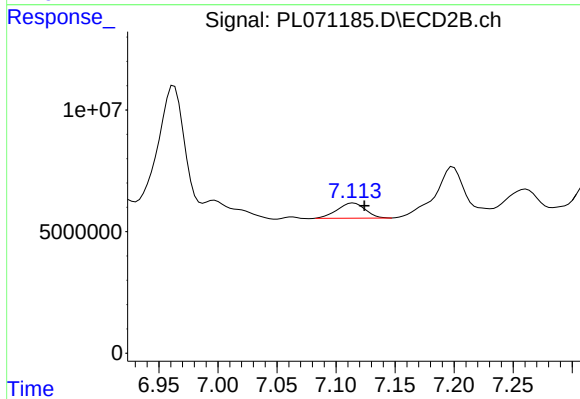
#3 gamma-BHC (Lindane)

R.T.: 6.455 min
Delta R.T.: -0.022 min
Response: 3195034
Conc: 1.84 ng/ml



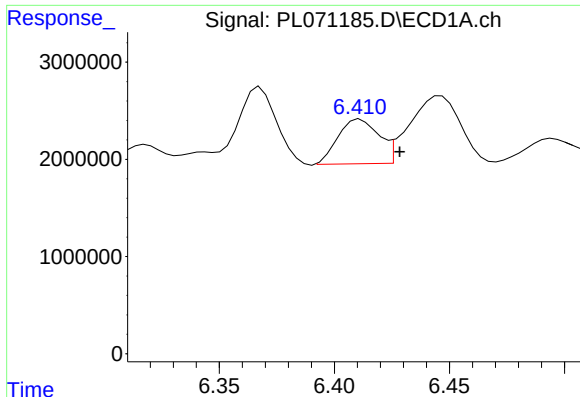
#4 Heptachlor

R.T.: 6.120 min
Delta R.T.: 0.016 min
Response: 3992497
Conc: 5.56 ng/ml



#4 Heptachlor

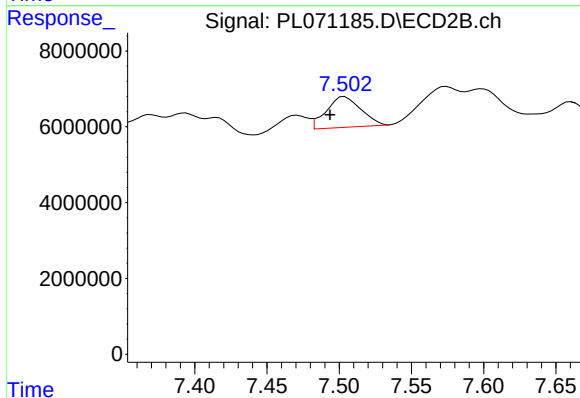
R.T.: 7.115 min
Delta R.T.: -0.009 min
Response: 10248241
Conc: 6.31 ng/ml



#5 Aldrin

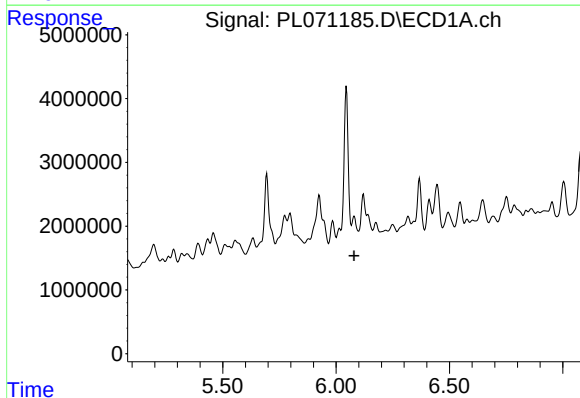
R.T.: 6.411 min
Delta R.T.: -0.017 min
Response: 5648317
Conc: 8.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



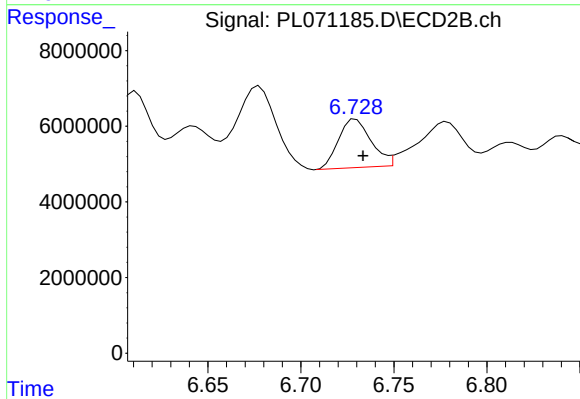
#5 Aldrin

R.T.: 7.504 min
Delta R.T.: 0.010 min
Response: 13456051
Conc: 8.29 ng/ml



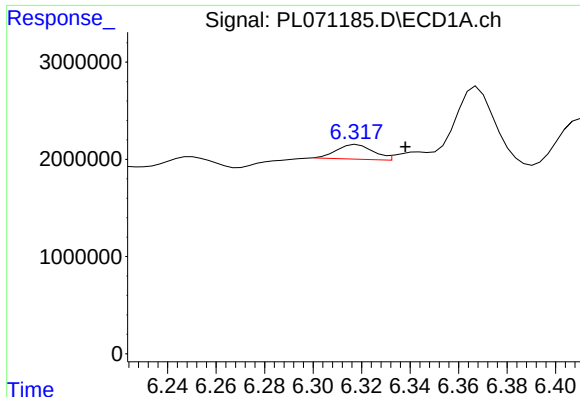
#6 beta-BHC

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: -13245626
Conc: N.D.



#6 beta-BHC

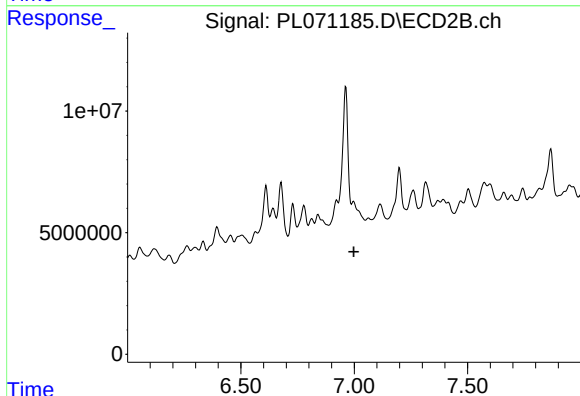
R.T.: 6.730 min
Delta R.T.: -0.004 min
Response: 15655036
Conc: 18.27 ng/ml



#7 delta-BHC

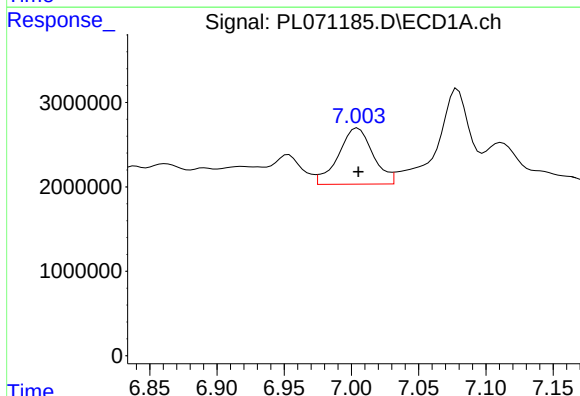
R.T.: 6.318 min
Delta R.T.: -0.020 min
Response: 1564728
Conc: 2.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



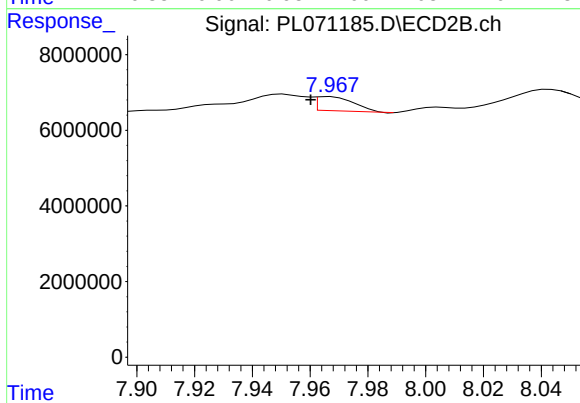
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: -33620362
Conc: N.D.



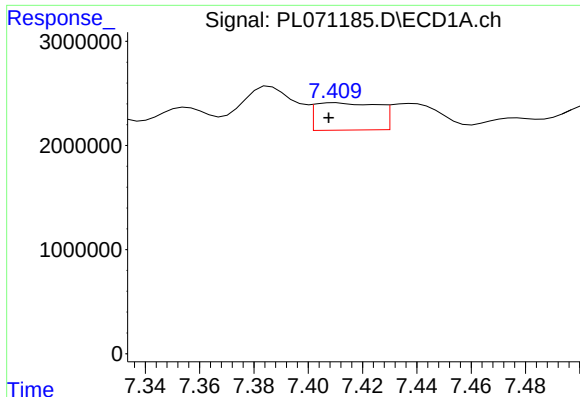
#8 Heptachlor epoxide

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 11889816
Conc: 18.29 ng/ml



#8 Heptachlor epoxide

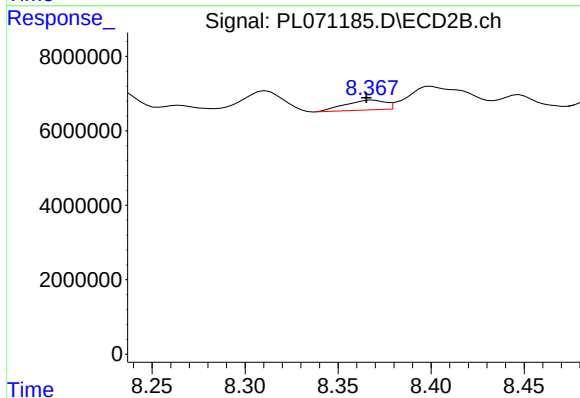
R.T.: 7.967 min
Delta R.T.: 0.007 min
Response: 3421495
Conc: 2.24 ng/ml



#9 Endosulfan I

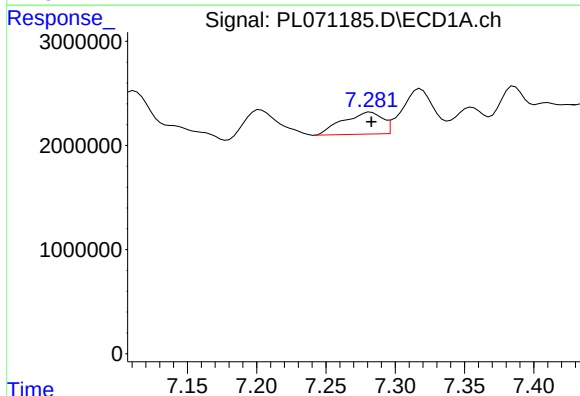
R.T.: 7.410 min
Delta R.T.: 0.003 min
Response: 4212533
Conc: 6.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



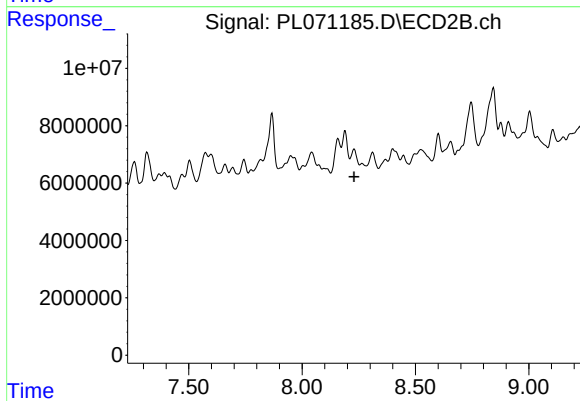
#9 Endosulfan I

R.T.: 8.369 min
Delta R.T.: 0.003 min
Response: 3914148
Conc: 2.72 ng/ml



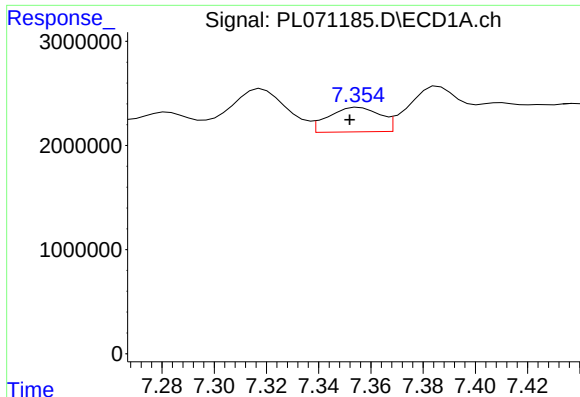
#10 gamma-Chlordane

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 4168471
Conc: 6.28 ng/ml



#10 gamma-Chlordane

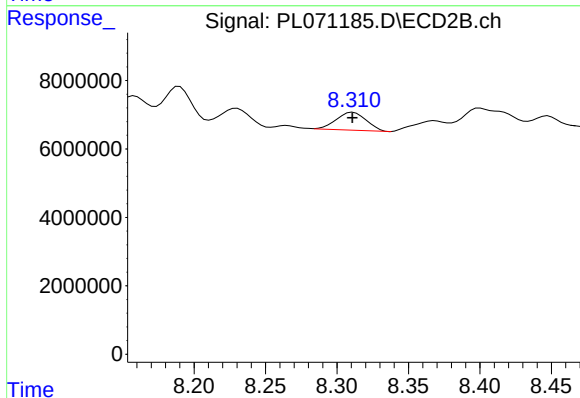
R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: -4163646
Conc: N.D.



#11 alpha-Chlordane

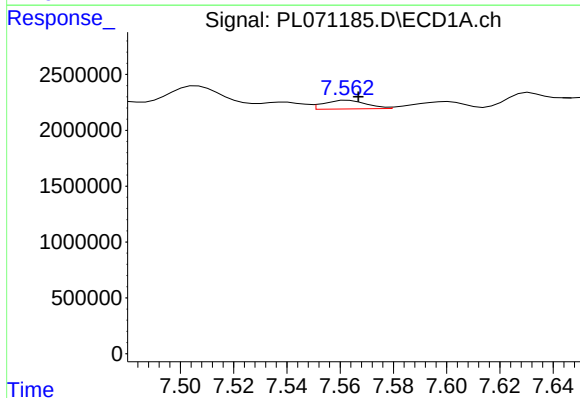
R.T.: 7.355 min
Delta R.T.: 0.004 min
Response: 3208709
Conc: 4.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



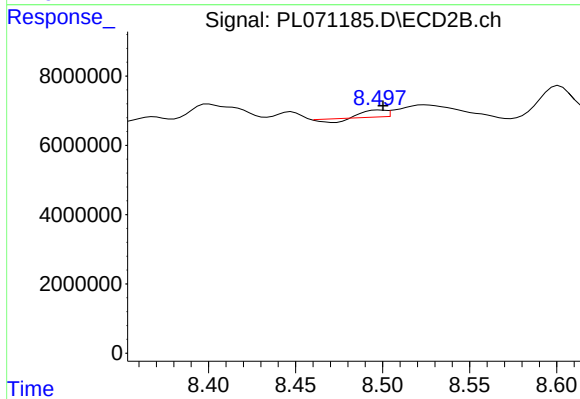
#11 alpha-Chlordane

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 7644833
Conc: 5.03 ng/ml



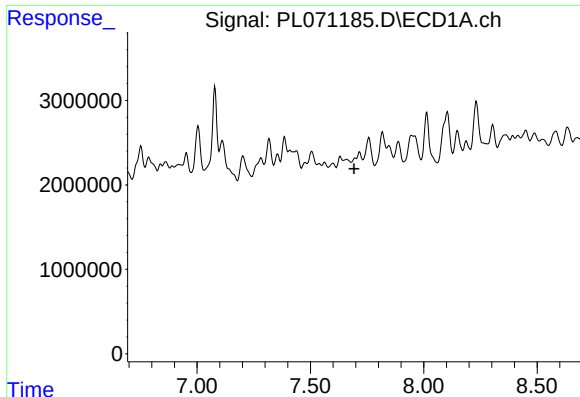
#12 4,4'-DDE

R.T.: 7.563 min
Delta R.T.: -0.004 min
Response: 863222
Conc: 1.48 ng/ml



#12 4,4'-DDE

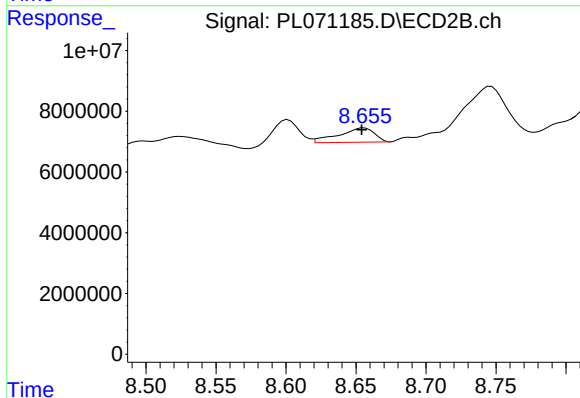
R.T.: 8.499 min
Delta R.T.: -0.002 min
Response: 1005935
Conc: 0.68 ng/ml



#13 Dieldrin

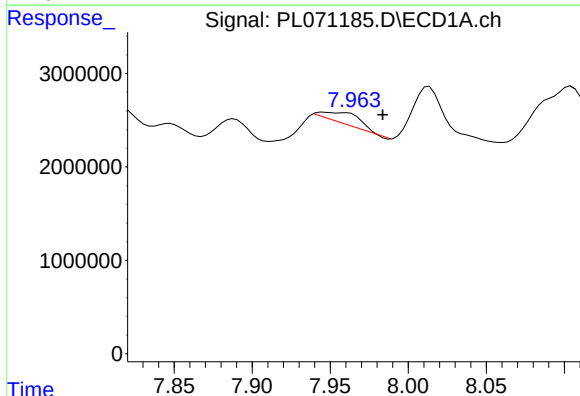
R.T.: 7.697 min
Delta R.T.: 0.004 min
Response: -137303
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



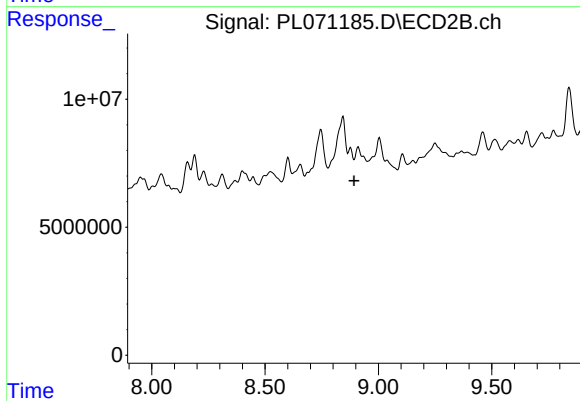
#13 Dieldrin

R.T.: 8.656 min
Delta R.T.: 0.002 min
Response: 8361762
Conc: 5.74 ng/ml



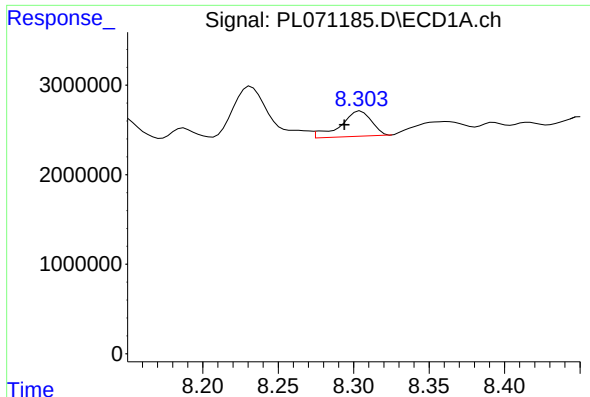
#14 Endrin

R.T.: 7.960 min
Delta R.T.: -0.023 min
Response: 1966408
Conc: 3.47 ng/ml



#14 Endrin

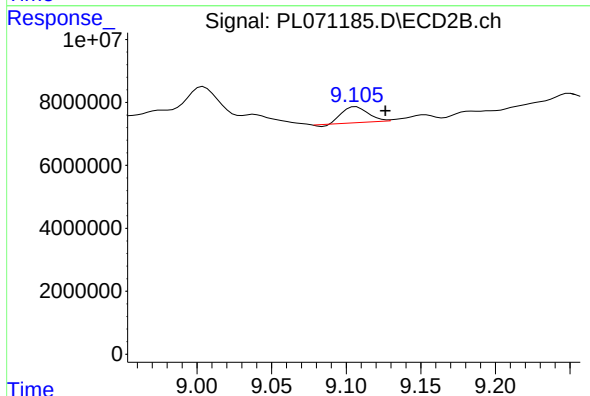
R.T.: 8.877 min
Delta R.T.: -0.016 min
Response: -2565260
Conc: N.D.



#15 Endosulfan II

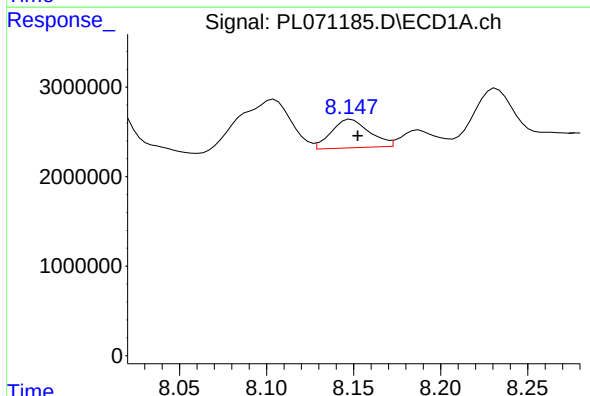
R.T.: 8.305 min
Delta R.T.: 0.011 min
Response: 4045664
Conc: 6.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



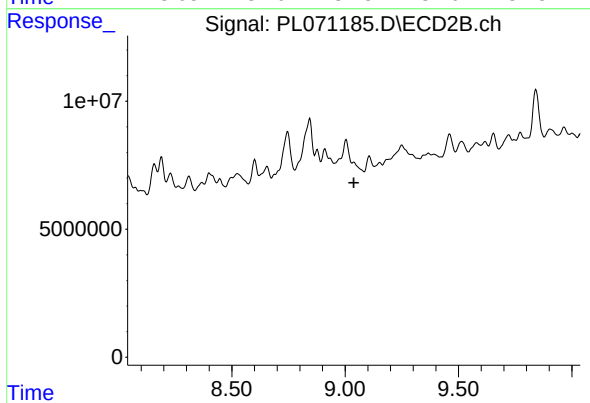
#15 Endosulfan II

R.T.: 9.107 min
Delta R.T.: -0.020 min
Response: 6031931
Conc: 4.94 ng/ml



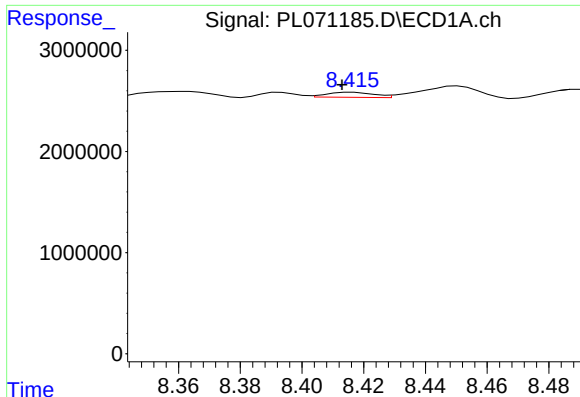
#16 4,4'-DDD

R.T.: 8.149 min
Delta R.T.: -0.004 min
Response: 4854331
Conc: 9.55 ng/ml



#16 4,4'-DDD

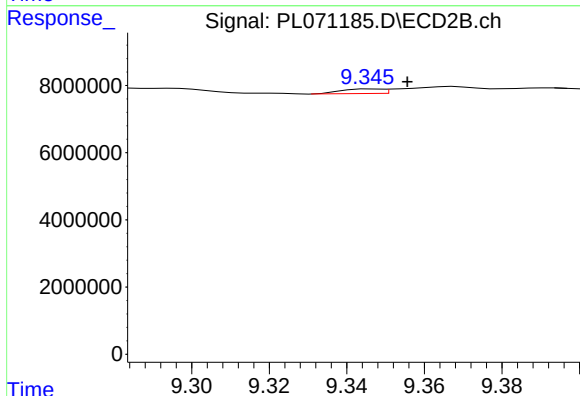
R.T.: 0.000 min
Exp R.T.: 9.039 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

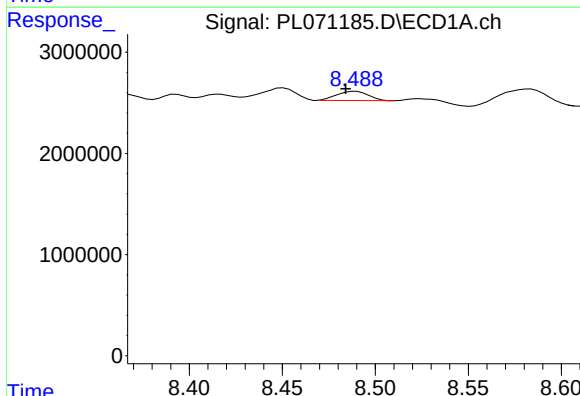
R.T.: 8.417 min
Delta R.T.: 0.004 min
Response: 526658
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



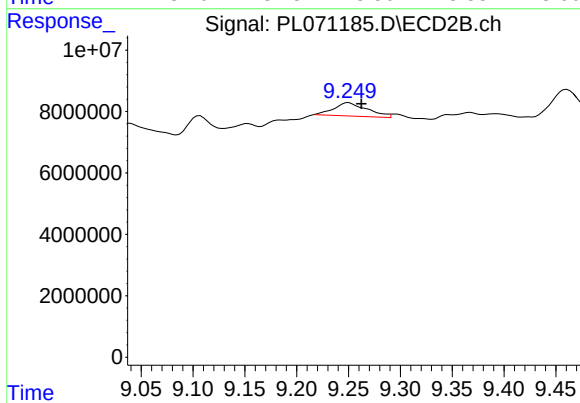
#17 4,4'-DDT

R.T.: 9.346 min
Delta R.T.: -0.009 min
Response: 993600
Conc: 0.79 ng/ml



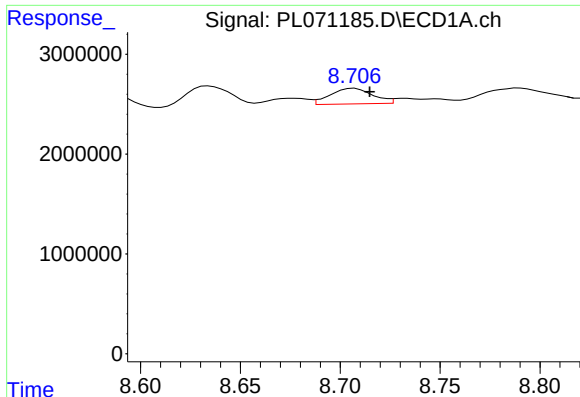
#18 Endrin aldehyde

R.T.: 8.490 min
Delta R.T.: 0.005 min
Response: 1091560
Conc: 2.40 ng/ml



#18 Endrin aldehyde

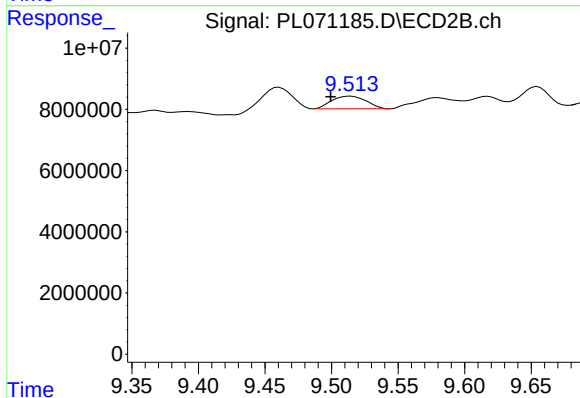
R.T.: 9.250 min
Delta R.T.: -0.012 min
Response: 9801582
Conc: 10.14 ng/ml



#19 Endosulfan Sulfate

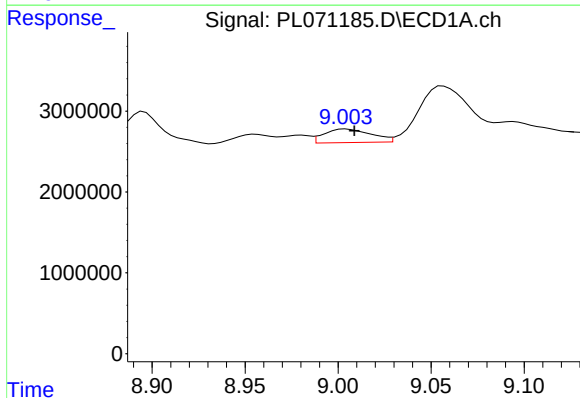
R.T.: 8.707 min
Delta R.T.: -0.008 min
Response: 2306030
Conc: 3.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



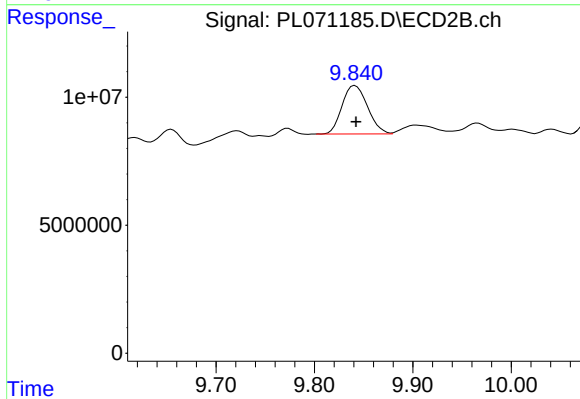
#19 Endosulfan Sulfate

R.T.: 9.515 min
Delta R.T.: 0.015 min
Response: 7473500
Conc: 6.03 ng/ml



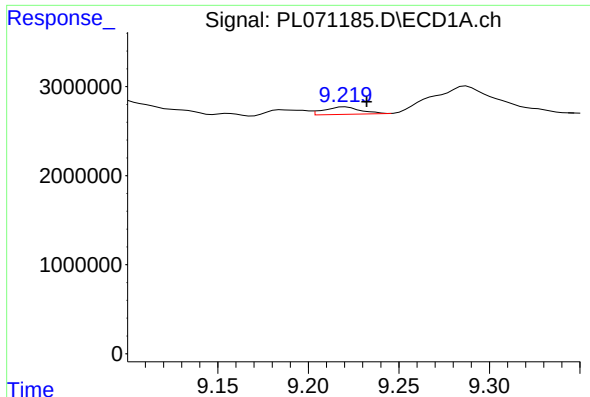
#20 Methoxychlor

R.T.: 9.004 min
Delta R.T.: -0.005 min
Response: 2950266
Conc: 8.06 ng/ml



#20 Methoxychlor

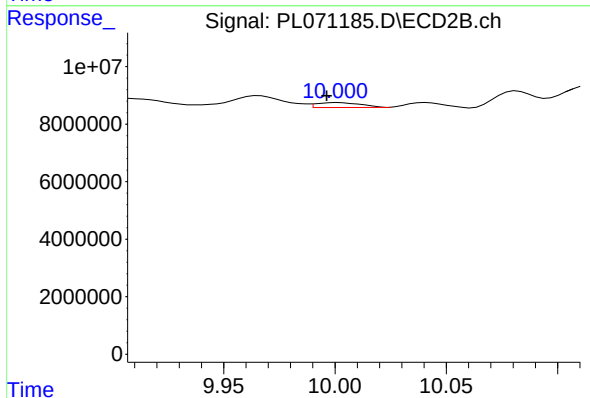
R.T.: 9.841 min
Delta R.T.: -0.001 min
Response: 33972625
Conc: 50.20 ng/ml



#21 Endrin ketone

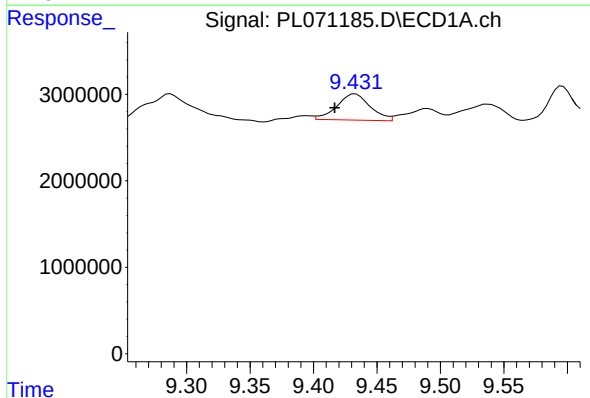
R.T.: 9.220 min
Delta R.T.: -0.012 min
Response: 1153942
Conc: 1.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



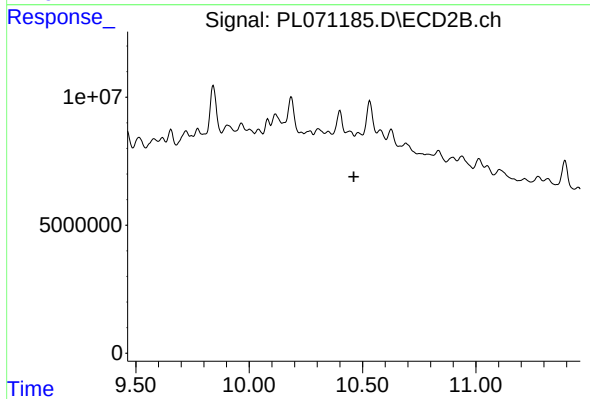
#21 Endrin ketone

R.T.: 10.002 min
Delta R.T.: 0.005 min
Response: 2355123
Conc: 1.64 ng/ml



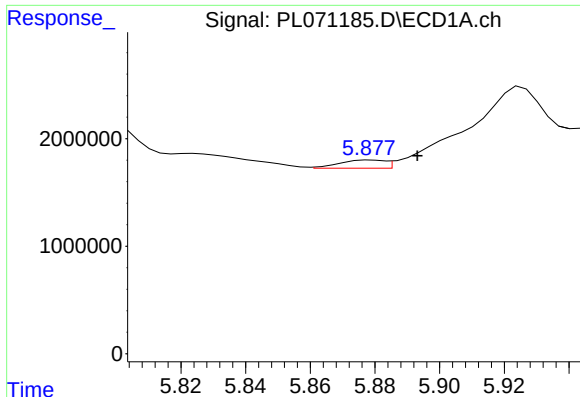
#22 Mirex

R.T.: 9.433 min
Delta R.T.: 0.016 min
Response: 5534226
Conc: 9.01 ng/ml



#22 Mirex

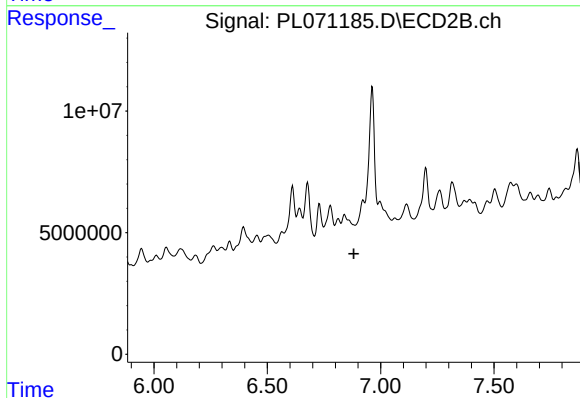
R.T.: 10.445 min
Delta R.T.: -0.017 min
Response: -2755750
Conc: N.D.



#23 Chlordane-1

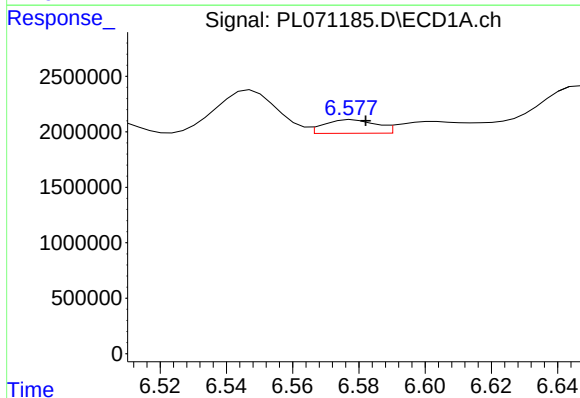
R.T.: 5.879 min
Delta R.T.: -0.014 min
Response: 737718
Conc: 43.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



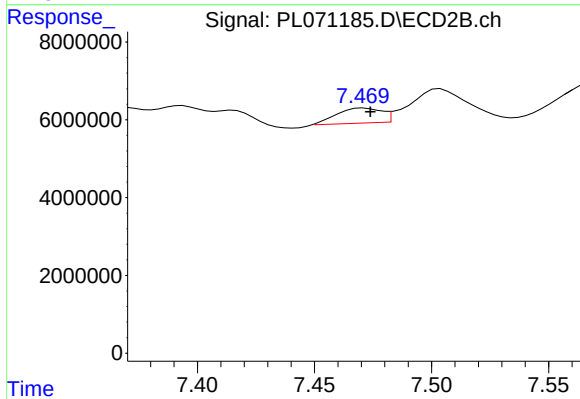
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 6.882 min
Response: 0
Conc: N.D.



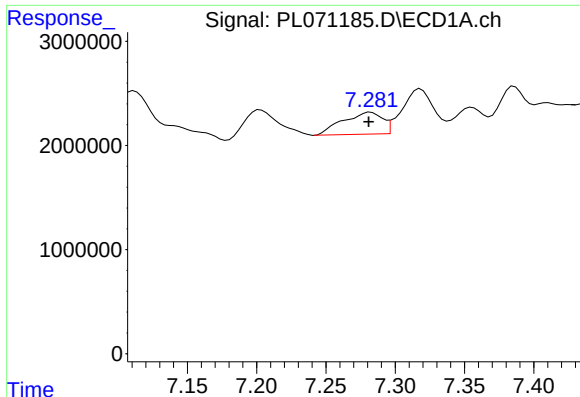
#24 Chlordane-2

R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 1328788
Conc: 57.87 ng/ml



#24 Chlordane-2

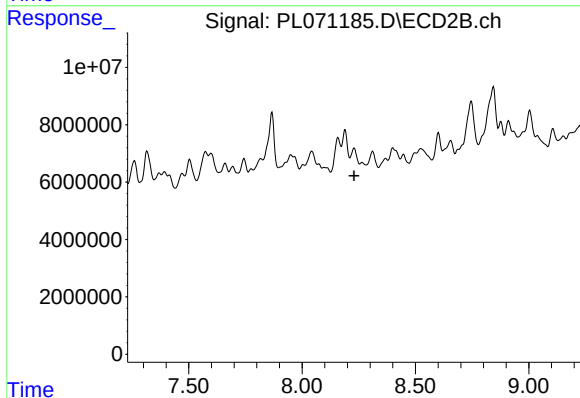
R.T.: 7.471 min
Delta R.T.: -0.003 min
Response: 5130967
Conc: 97.82 ng/ml



#25 Chlordane-3

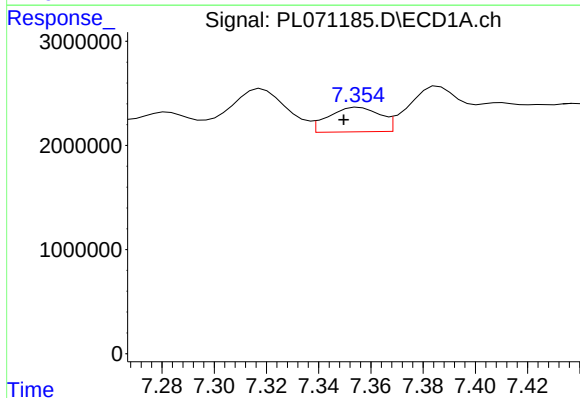
R.T.: 7.282 min
Delta R.T.: 0.001 min
Response: 4168471
Conc: 68.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



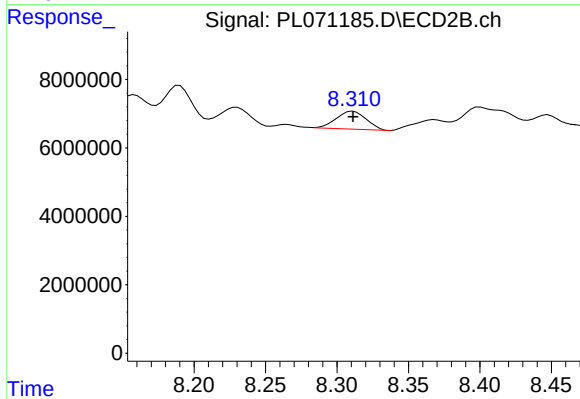
#25 Chlordane-3

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: -4163646
Conc: N.D.



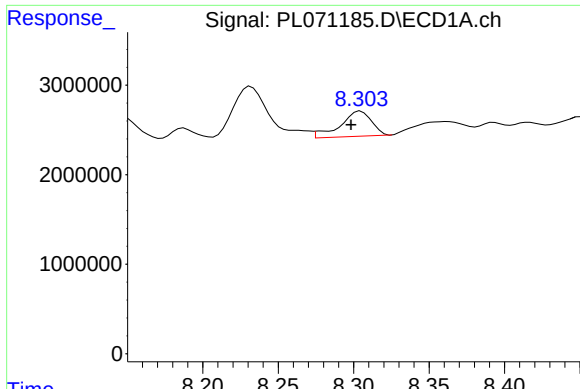
#26 Chlordane-4

R.T.: 7.355 min
Delta R.T.: 0.006 min
Response: 3208709
Conc: 48.88 ng/ml



#26 Chlordane-4

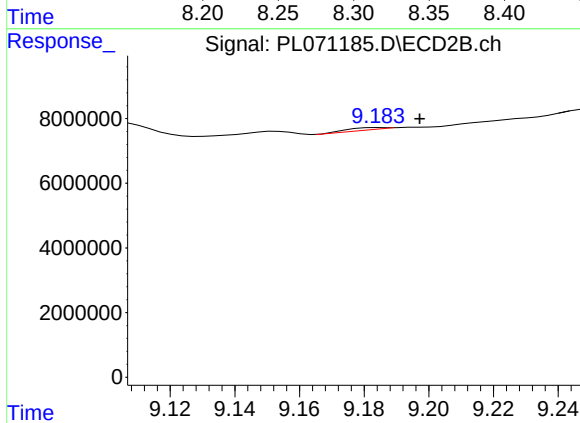
R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 7644833
Conc: 31.50 ng/ml



#27 Chlordane-5

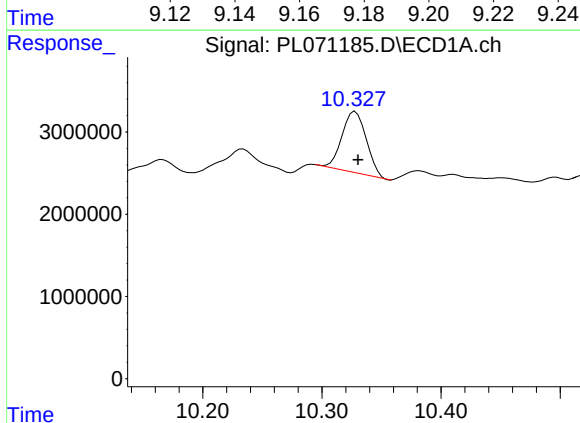
R.T.: 8.305 min
Delta R.T.: 0.006 min
Response: 4045664
Conc: 180.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



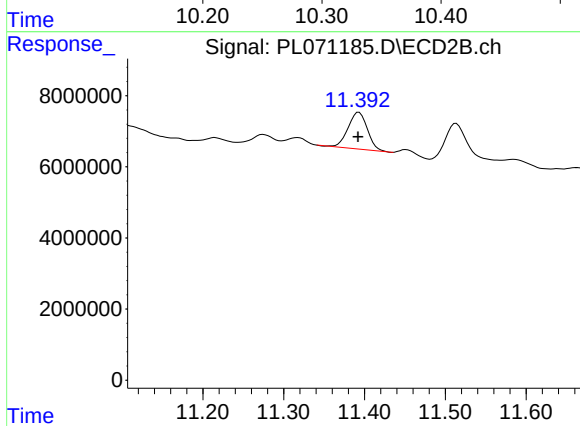
#27 Chlordane-5

R.T.: 9.185 min
Delta R.T.: -0.012 min
Response: 471829
Conc: 11.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.328 min
Delta R.T.: -0.002 min
Response: 10585357
Conc: 15.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.393 min
Delta R.T.: 0.001 min
Response: 17115579
Conc: 12.80 ng/ml