

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062523\
 Data File : PD076096.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2023 10:45
 Operator : AR\AJ
 Sample : 03358-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-1-(0-2)

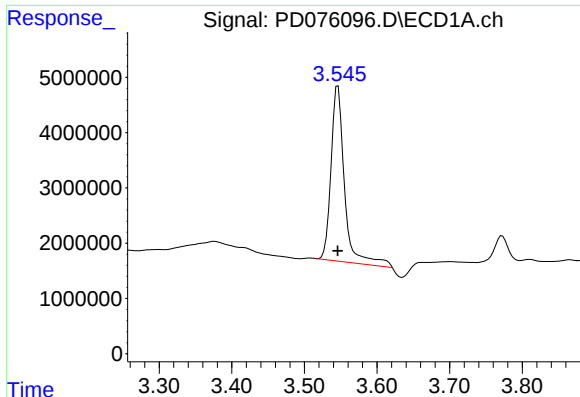
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 23 22:39:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.546	2.767	40967904	19938771	19.233	18.378
28)	SA Decachlor...	9.090	7.914	29871379	12762558	11.791	13.052
Target Compounds							
2)	A alpha-BHC	4.025f	3.263	-255346	166117	N.D.	0.104
3)	MA gamma-BHC...	4.366f	3.605	-468276	393454	N.D.	0.267
4)	MA Heptachlor	4.944f	0.000	288289	0	0.080	N.D. #
5)	MB Aldrin	5.282	0.000	667069	0	0.190	N.D. #
6)	B beta-BHC	4.542	0.000	259874	0	0.181	N.D. #
7)	B delta-BHC	4.765f	0.000	2665401	0	0.802	N.D. #
8)	B Heptachlo...	5.692	4.750f	2579718	259768	0.801	0.189 #
9)	A Endosulfan I	0.000	5.122f	0	1370167	N.D.	1.072 #
10)	B gamma-Chl...	5.954	4.974	2311924	640056	0.718	0.466 #
11)	B alpha-Chl...	6.038	5.035	4343499	1486795	1.344	1.084
12)	B 4,4'-DDE	6.206	5.226	1726751	1006389	0.604	0.902 #
13)	MA Dieldrin	6.361	5.361	1171236	1601223	0.375	1.187 #
14)	MA Endrin	0.000	5.644	0	432733	N.D.	0.356 #
15)	B Endosulfa...	6.840f	5.932	790330	1332976	0.306	1.236 #
16)	A 4,4'-DDD	6.720	5.789	1290403	-233868	0.567	N.D. #
17)	MA 4,4'-DDT	7.041	6.033	3086624	1898101	1.360	2.337 #
18)	B Endrin al...	6.962f	6.111	139237	155790	0.069	0.180 #
19)	B Endosulfa...	7.169	6.305f	1483119	119475	0.589	0.111 #
21)	B Endrin ke...	7.688f	0.000	514153	0	0.185	N.D. #
23)	Chlordane-1	4.697	3.779	444837	2383281	3.869	52.070 #
24)	Chlordane-2	5.246	4.353	1872029	361801	14.224	6.824 #
25)	Chlordane-3	5.954	4.974	2311924	640056	4.452	4.311
26)	Chlordane-4	6.038	5.035	4343499	1486795	6.892	10.131 #
27)	Chlordane-5	6.891	5.932	-2741	1332976	N.D.	27.559

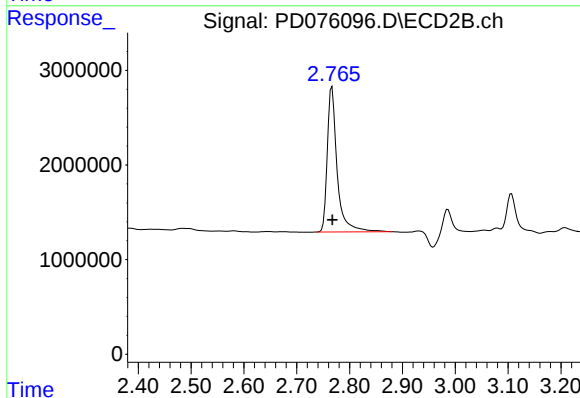
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

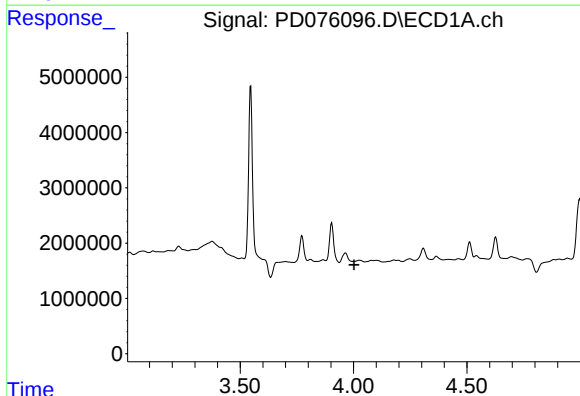
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 40967904
Conc: 19.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



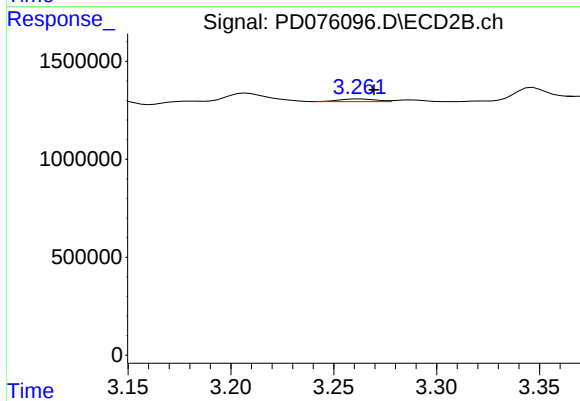
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 19938771
Conc: 18.38 ng/ml



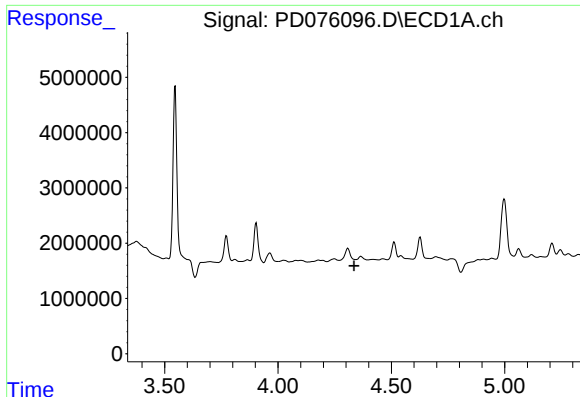
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.023 min
Response: -255346
Conc: N.D.



#2 alpha-BHC

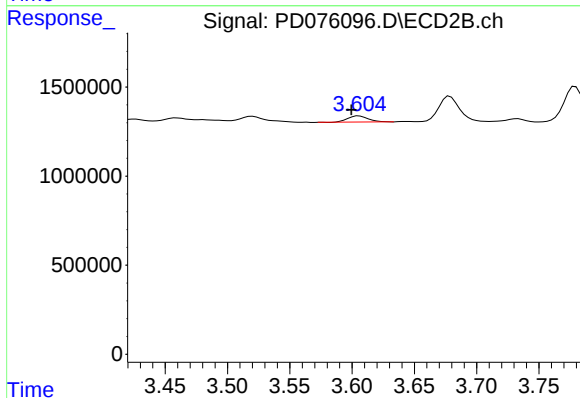
R.T.: 3.263 min
Delta R.T.: -0.007 min
Response: 166117
Conc: 0.10 ng/ml



#3 gamma-BHC (Lindane)

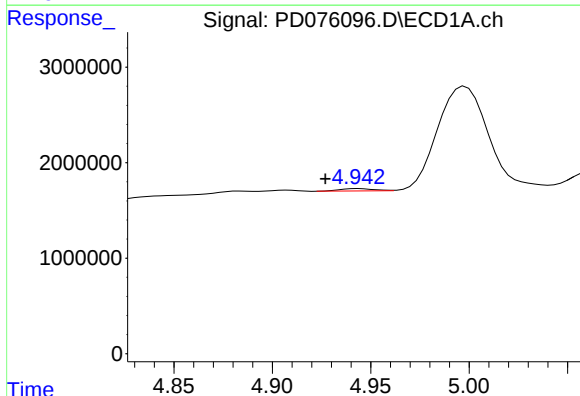
R.T.: 4.366 min
Delta R.T.: 0.030 min
Response: -468276
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



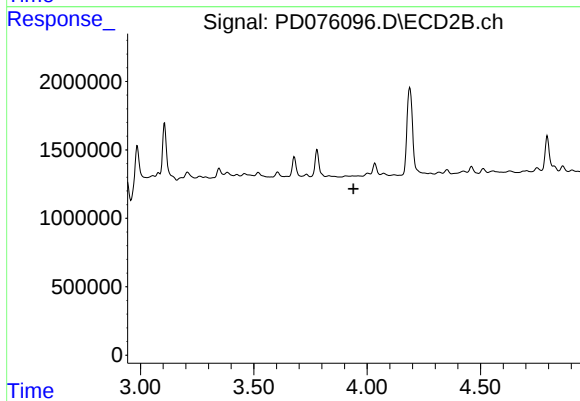
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.006 min
Response: 393454
Conc: 0.27 ng/ml



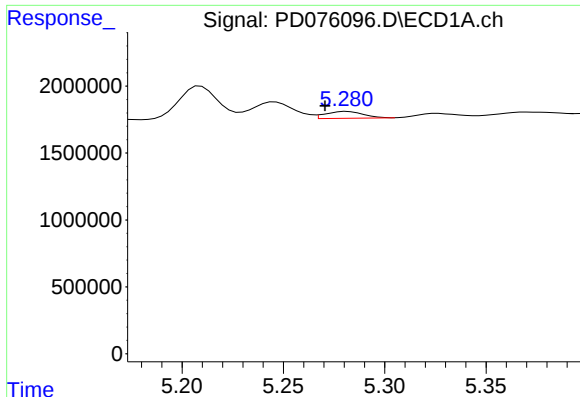
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.017 min
Response: 288289
Conc: 0.08 ng/ml



#4 Heptachlor

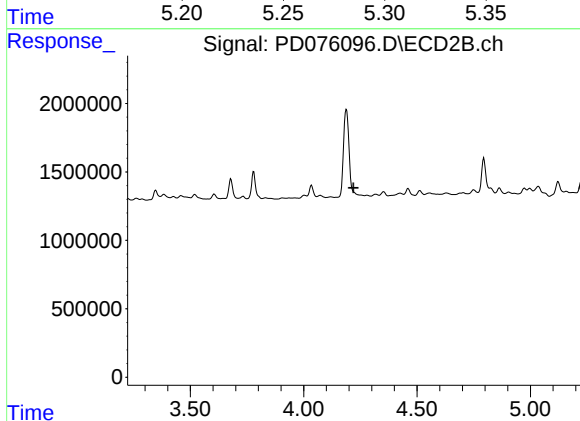
R.T.: 0.000 min
Exp R.T. : 3.940 min
Response: 0
Conc: N.D.



#5 Aldrin

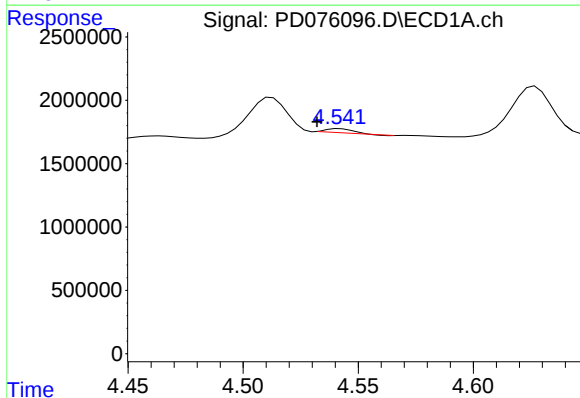
R.T.: 5.282 min
Delta R.T.: 0.011 min
Response: 667069
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



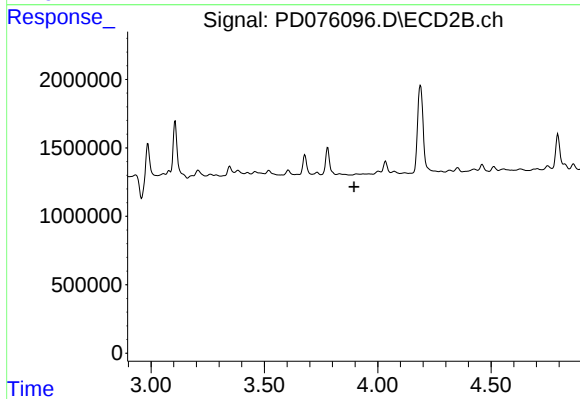
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 4.220 min
Response: 0
Conc: N.D.



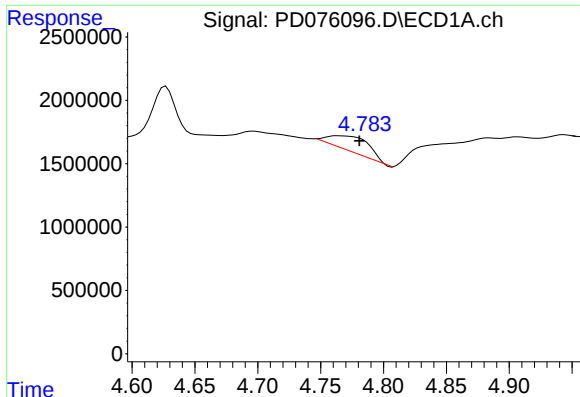
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: 0.010 min
Response: 259874
Conc: 0.18 ng/ml



#6 beta-BHC

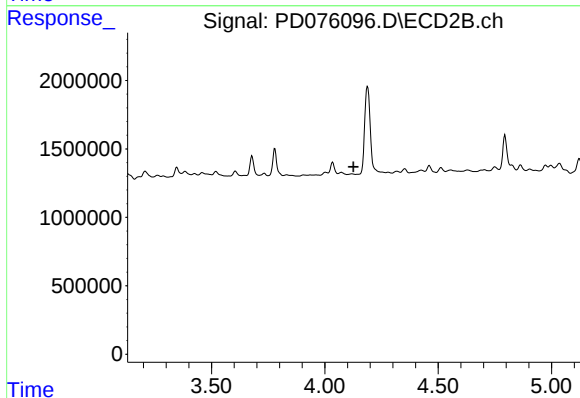
R.T.: 0.000 min
Exp R.T. : 3.896 min
Response: 0
Conc: N.D.



#7 delta-BHC

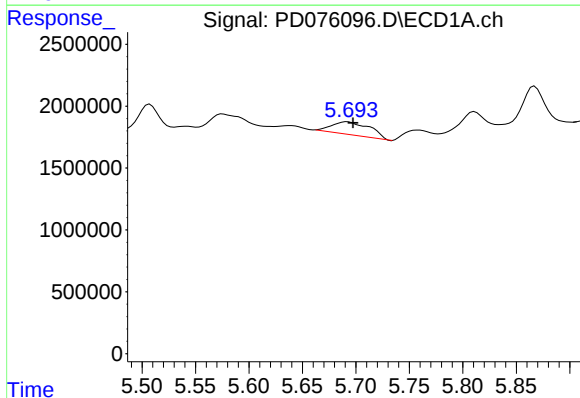
R.T.: 4.765 min
Delta R.T.: -0.016 min
Response: 2665401
Conc: 0.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



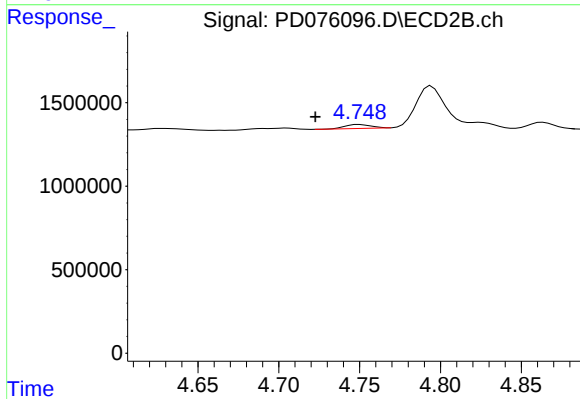
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.127 min
Response: 0
Conc: N.D.



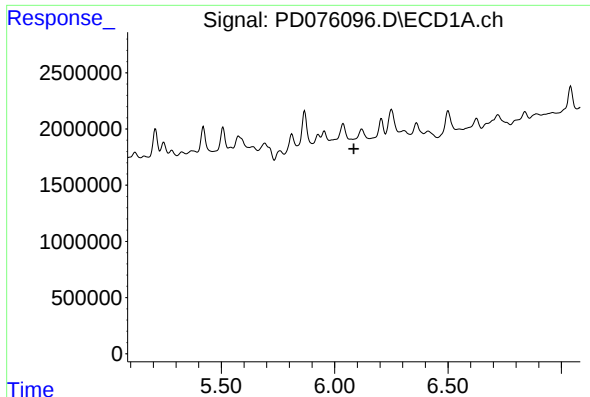
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 2579718
Conc: 0.80 ng/ml



#8 Heptachlor epoxide

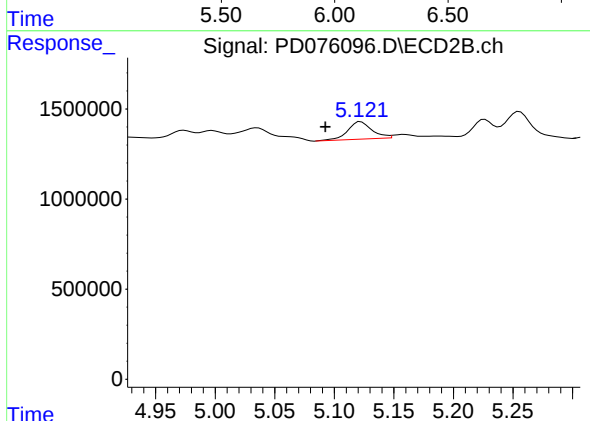
R.T.: 4.750 min
Delta R.T.: 0.027 min
Response: 259768
Conc: 0.19 ng/ml



#9 Endosulfan I

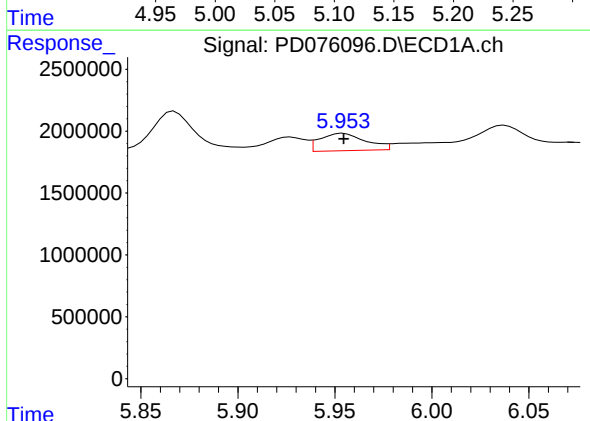
R.T.: 0.000 min
Exp R.T.: 6.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



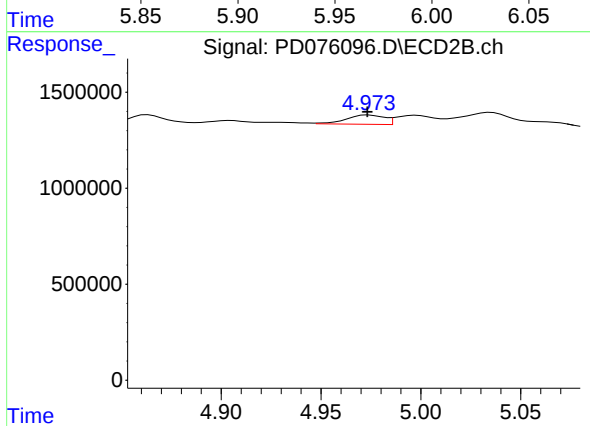
#9 Endosulfan I

R.T.: 5.122 min
Delta R.T.: 0.030 min
Response: 1370167
Conc: 1.07 ng/ml



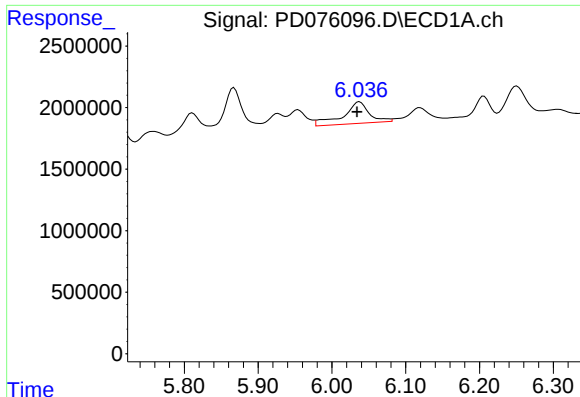
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 2311924
Conc: 0.72 ng/ml



#10 gamma-Chlordane

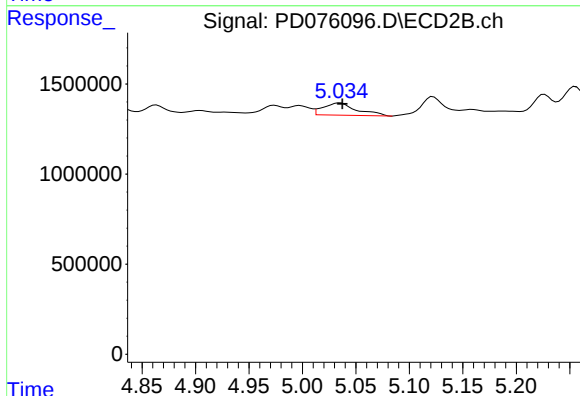
R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 640056
Conc: 0.47 ng/ml



#11 alpha-Chlordane

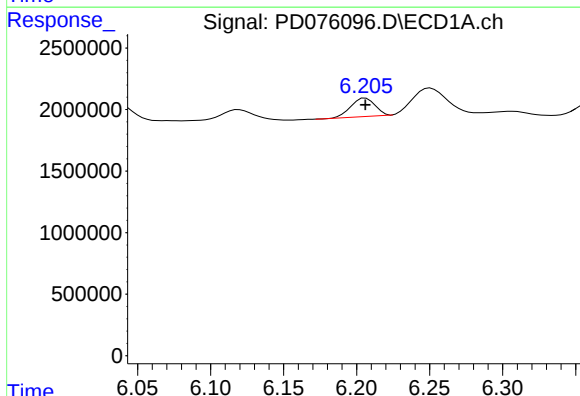
R.T.: 6.038 min
Delta R.T.: 0.004 min
Response: 4343499
Conc: 1.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



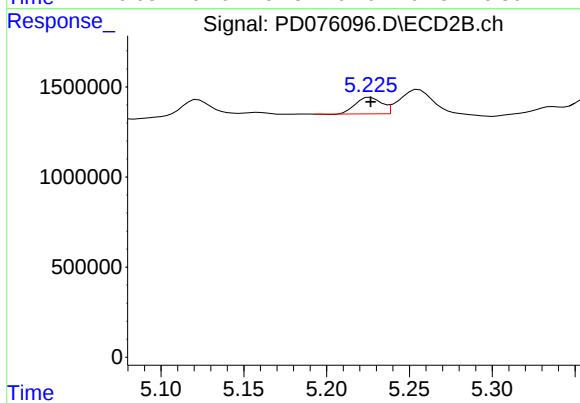
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 1486795
Conc: 1.08 ng/ml



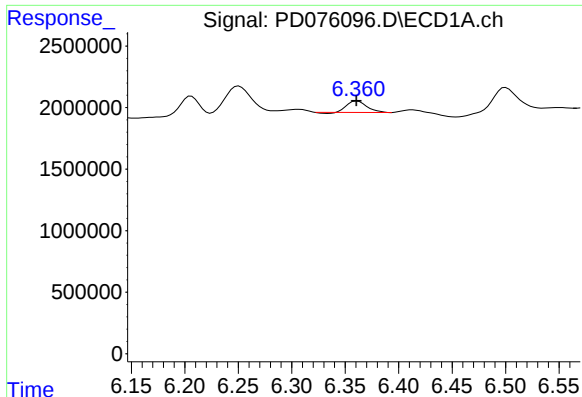
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 1726751
Conc: 0.60 ng/ml



#12 4,4'-DDE

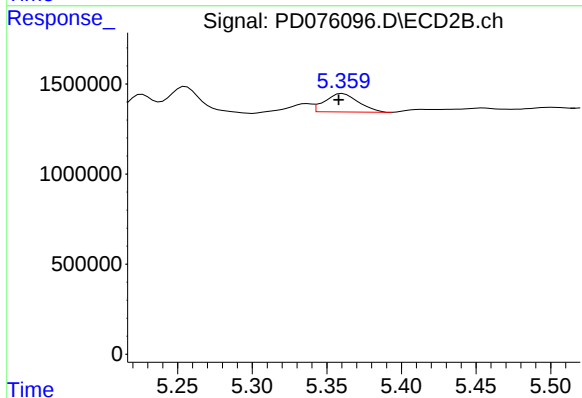
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 1006389
Conc: 0.90 ng/ml



#13 Dieldrin

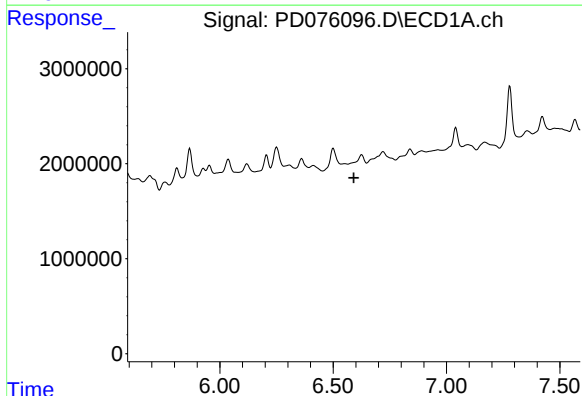
R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 1171236
Conc: 0.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



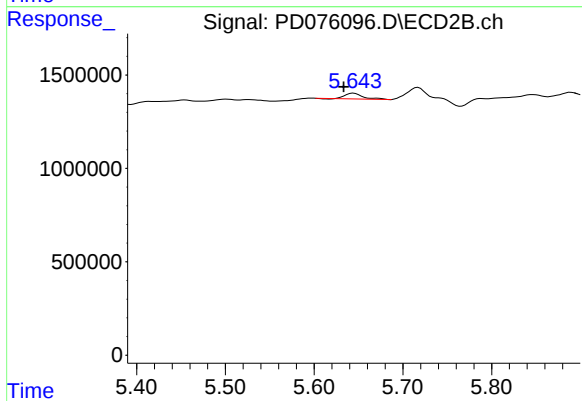
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.003 min
Response: 1601223
Conc: 1.19 ng/ml



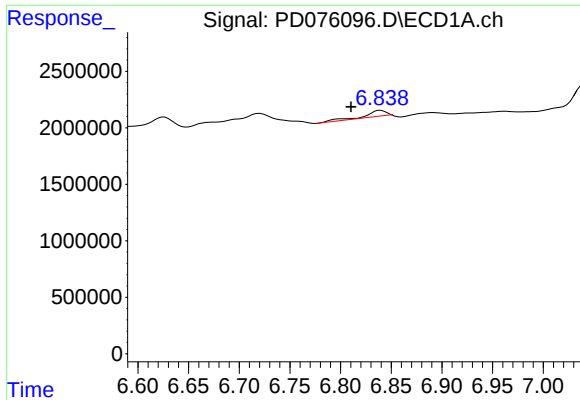
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.591 min
Response: 0
Conc: N.D.



#14 Endrin

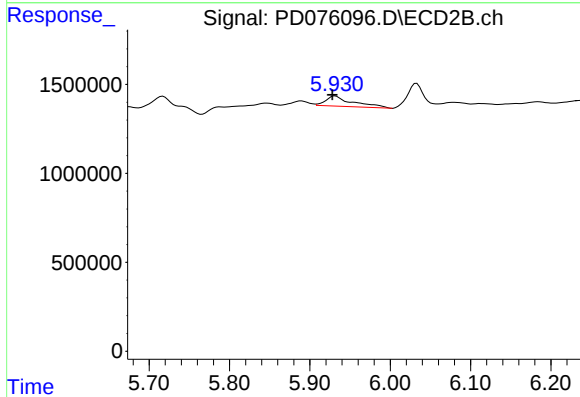
R.T.: 5.644 min
Delta R.T.: 0.011 min
Response: 432733
Conc: 0.36 ng/ml



#15 Endosulfan II

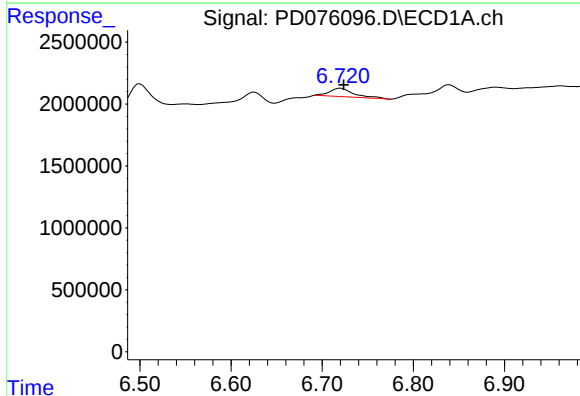
R.T.: 6.840 min
Delta R.T.: 0.029 min
Response: 790330
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



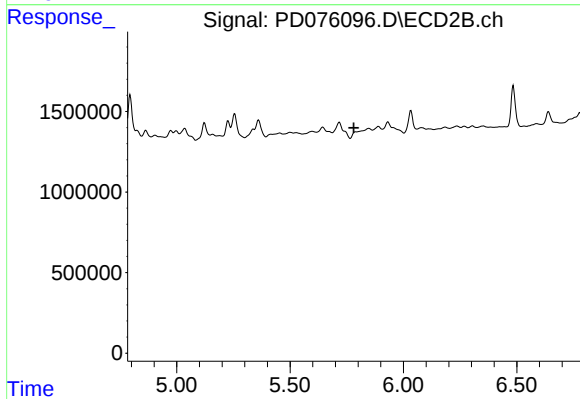
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.004 min
Response: 1332976
Conc: 1.24 ng/ml



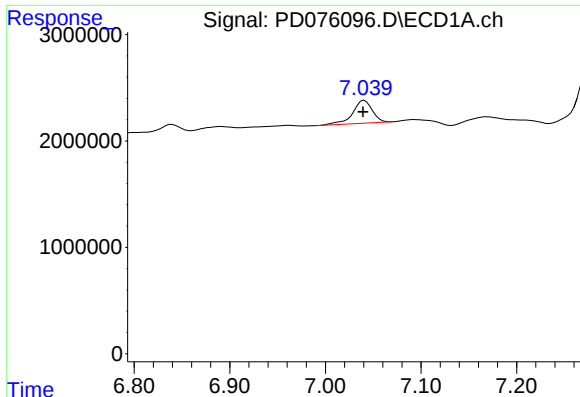
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.004 min
Response: 1290403
Conc: 0.57 ng/ml



#16 4,4'-DDD

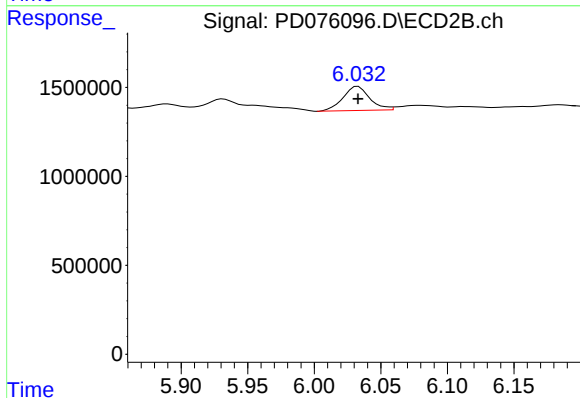
R.T.: 5.789 min
Delta R.T.: 0.008 min
Response: -233868
Conc: N.D.



#17 4,4'-DDT

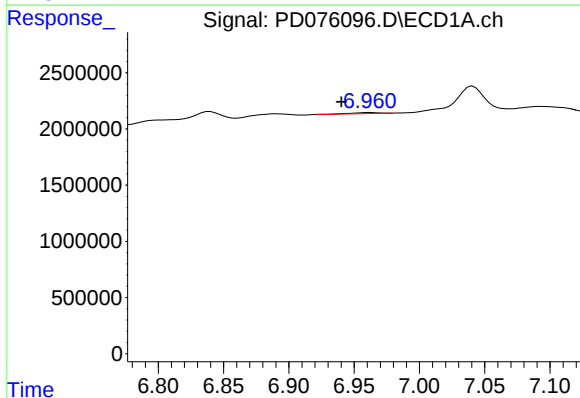
R.T.: 7.041 min
Delta R.T.: 0.001 min
Response: 3086624
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



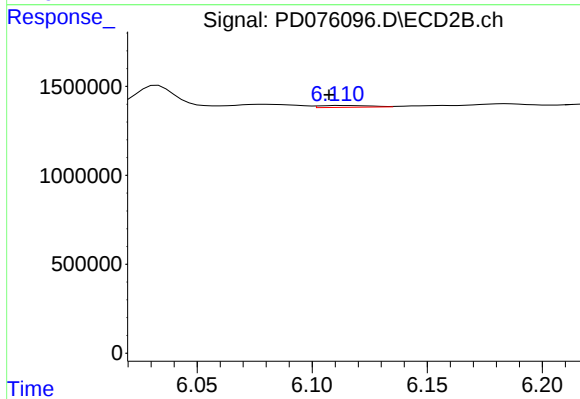
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 1898101
Conc: 2.34 ng/ml



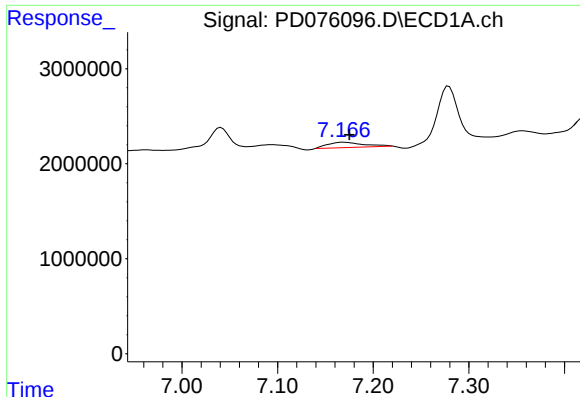
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.022 min
Response: 139237
Conc: 0.07 ng/ml



#18 Endrin aldehyde

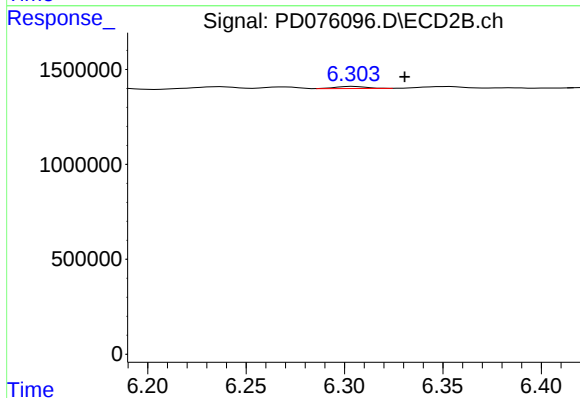
R.T.: 6.111 min
Delta R.T.: 0.004 min
Response: 155790
Conc: 0.18 ng/ml



#19 Endosulfan Sulfate

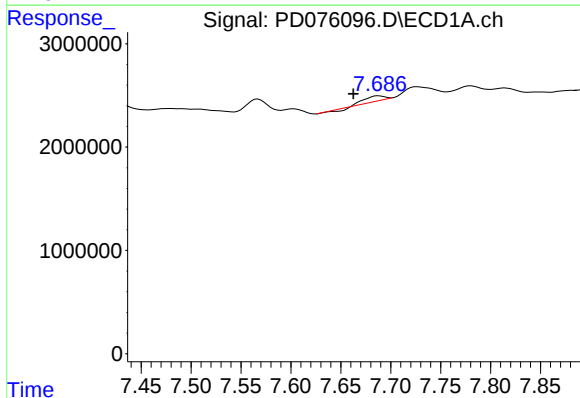
R.T.: 7.169 min
Delta R.T.: -0.006 min
Response: 1483119
Conc: 0.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



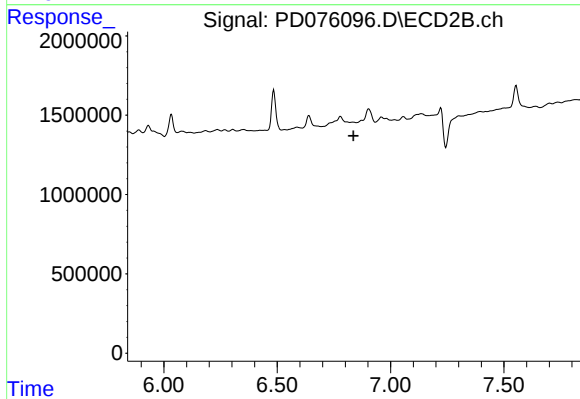
#19 Endosulfan Sulfate

R.T.: 6.305 min
Delta R.T.: -0.026 min
Response: 119475
Conc: 0.11 ng/ml



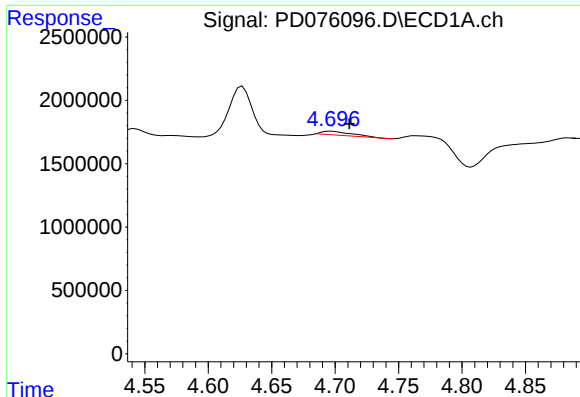
#21 Endrin ketone

R.T.: 7.688 min
Delta R.T.: 0.026 min
Response: 514153
Conc: 0.18 ng/ml



#21 Endrin ketone

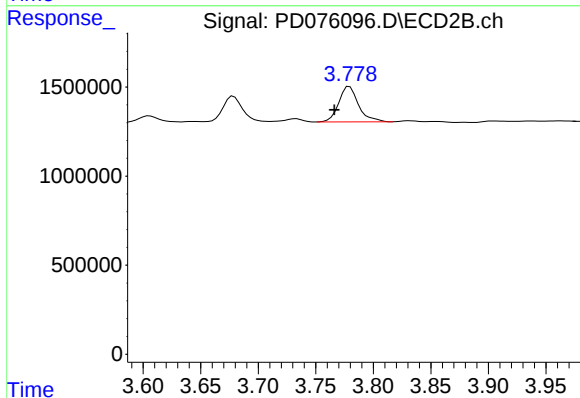
R.T.: 0.000 min
Exp R.T.: 6.837 min
Response: 0
Conc: N.D.



#23 Chlordane-1

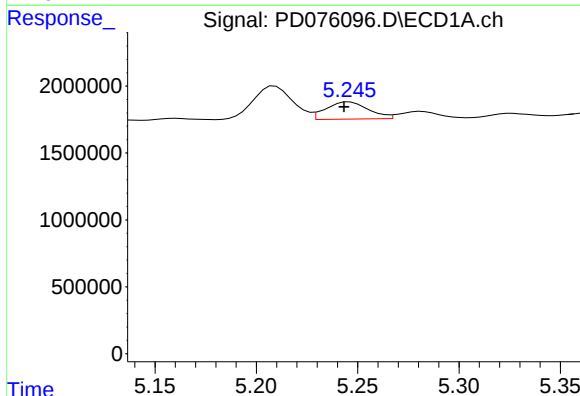
R.T.: 4.697 min
Delta R.T.: -0.014 min
Response: 444837
Conc: 3.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



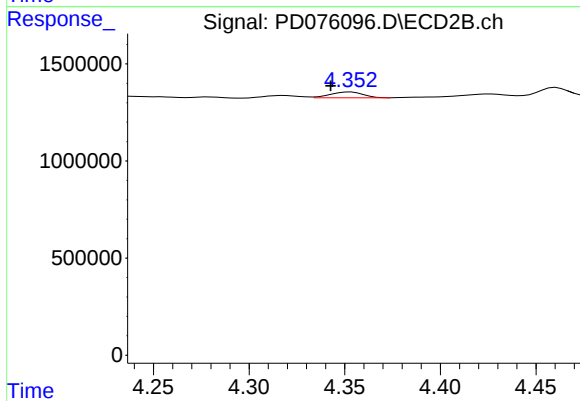
#23 Chlordane-1

R.T.: 3.779 min
Delta R.T.: 0.013 min
Response: 2383281
Conc: 52.07 ng/ml



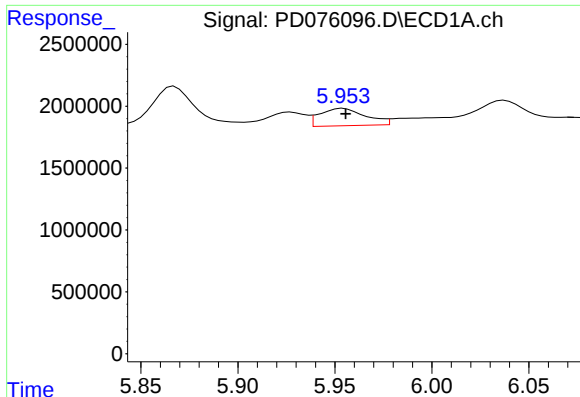
#24 Chlordane-2

R.T.: 5.246 min
Delta R.T.: 0.003 min
Response: 1872029
Conc: 14.22 ng/ml



#24 Chlordane-2

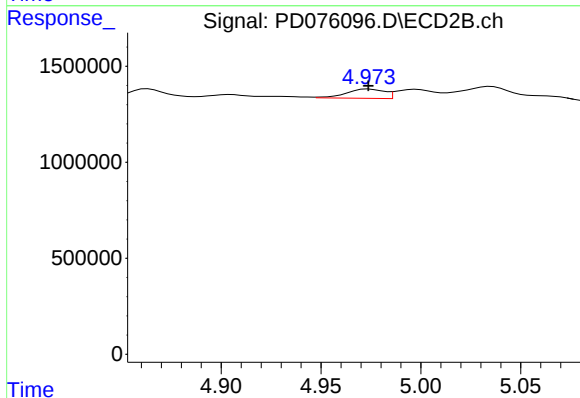
R.T.: 4.353 min
Delta R.T.: 0.010 min
Response: 361801
Conc: 6.82 ng/ml



#25 Chlordane-3

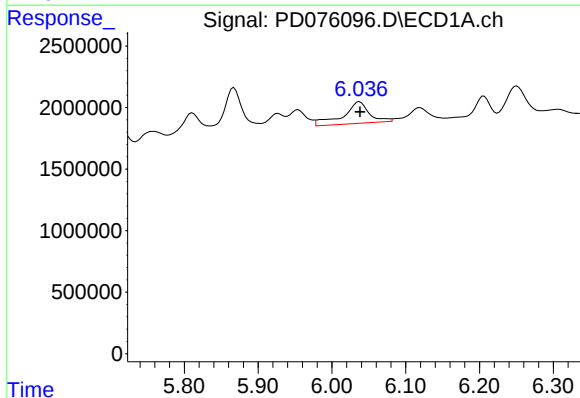
R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 2311924
Conc: 4.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



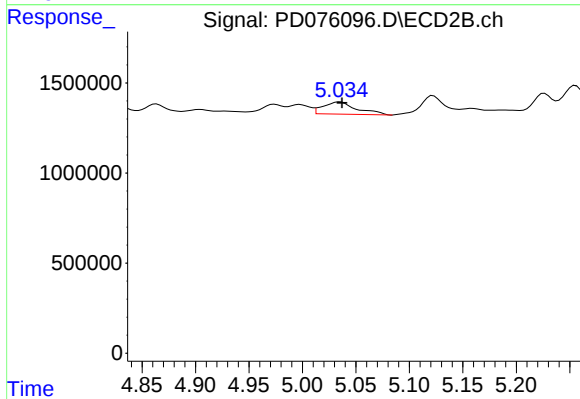
#25 Chlordane-3

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 640056
Conc: 4.31 ng/ml



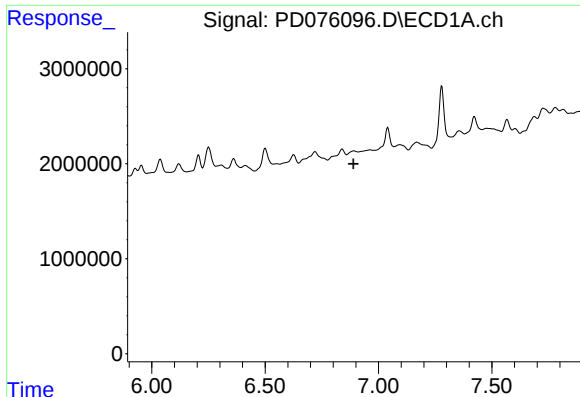
#26 Chlordane-4

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 4343499
Conc: 6.89 ng/ml



#26 Chlordane-4

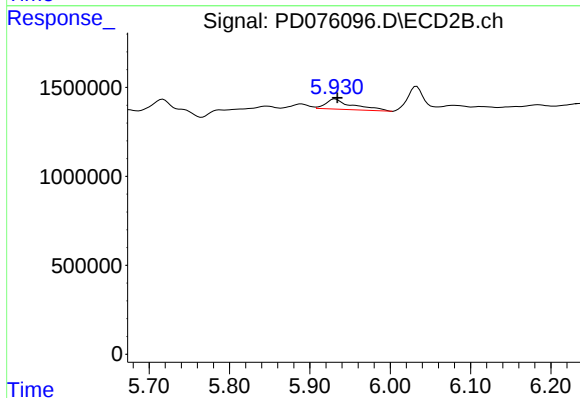
R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 1486795
Conc: 10.13 ng/ml



#27 Chlordane-5

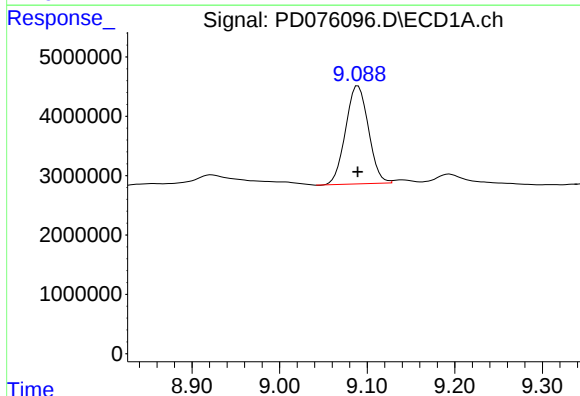
R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: -2741
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SB-1-(0-2)



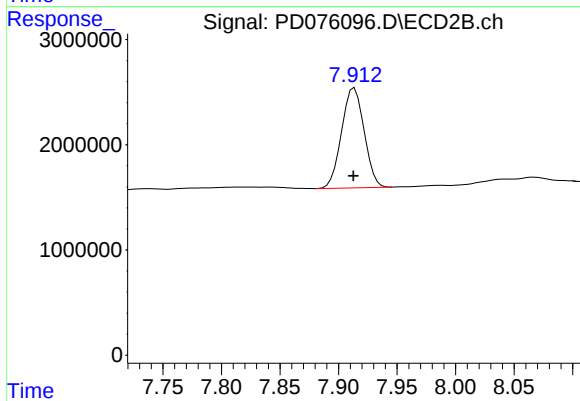
#27 Chlordane-5

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 1332976
Conc: 27.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.000 min
Response: 29871379
Conc: 11.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.000 min
Response: 12762558
Conc: 13.05 ng/ml