

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050619\
 Data File : PD053184.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 May 2019 9:54
 Operator : AJ\SJ
 Sample : K2602-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BFH69

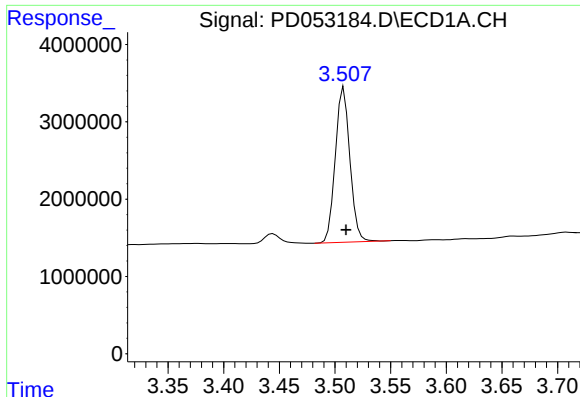
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 00:50:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050319CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat May 04 03:39:22 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.508	4.070	18328645	397.9E6	14.256	15.491
27)	SA Decachlor...	8.299	9.176	33794058	402.1E6	25.629	26.145
Target Compounds							
2)	A alpha-BHC	0.000	4.453	0	23208523	N.D.	0.639 #
3)	MA gamma-BHC...	0.000	4.729	0	27182457	N.D.	0.834 #
4)	MA Heptachlor	0.000	5.266	0	2234900	N.D.	0.077 #
5)	MB Aldrin	0.000	0.000	0	0	N.D.	N.D.
6)	B beta-BHC	0.000	0.000	0	0	N.D.	N.D.
7)	B delta-BHC	0.000	5.110	0	24966158	N.D.	0.765 #
8)	B Heptachlo...	0.000	5.944	0	29457636	N.D.	1.110 #
9)	A Endosulfan I	0.000	6.303	0	2004791	N.D.	0.085 #
10)	B trans-Chl...	0.000	0.000	0	0	N.D.	N.D.
11)	B cis-Chlor...	0.000	6.265	0	6407050	N.D.	0.260 #
12)	B 4,4'-DDE	0.000	6.419	0	13468006	N.D.	0.618 #
13)	MA Dieldrin	5.839	6.551	4358568	401.4E6	2.671	17.075 #
14)	MA Endrin	6.079	6.779	5031814	18264820	3.940	1.120 #
15)	B Endosulfa...	6.402	6.984	7444366	63658686	5.326	3.307 #
16)	A 4,4'-DDD	6.279f	6.915	8091821	383.1E6	7.827	23.451 #
17)	MA 4,4'-DDT	6.449	7.260f	24157558	290.9E6	37.996	33.774
18)	B Endrin al...	6.543	7.133	2181496	27554685	2.179	1.878
19)	B Endosulfa...	6.740	7.316	14289412	-20432033	12.318	N.D. #
20)	A Methoxychlor	6.984	7.655	26054633	-29992261	68.163	N.D. #
21)	B Endrin ke...	7.262	0.000	12477938	0	11.238	N.D. #
22)	Toxaphene-1	5.839	6.464	4358568	14380324	476.878	147.723 #
23)	Toxaphene-2	5.949	6.661	11032880	167.6E6	1254.499	974.867
24)	Toxaphene-3	6.279	7.133	8091821	27554685	828.692	196.228 #
25)	Toxaphene-4	6.402	7.260	7444366	290.9E6	338.432	816.989 #
26)	Toxaphene-5	0.000	7.706	0	76069726	N.D.	518.607 #

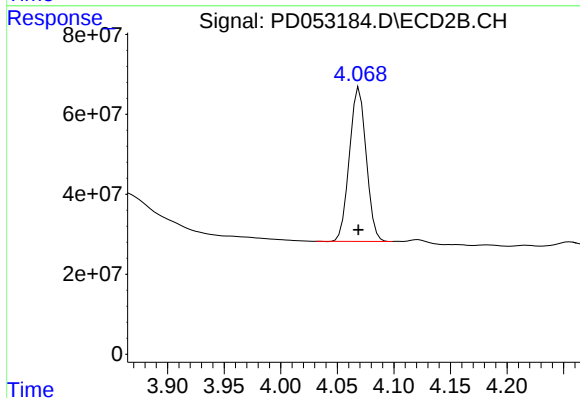
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

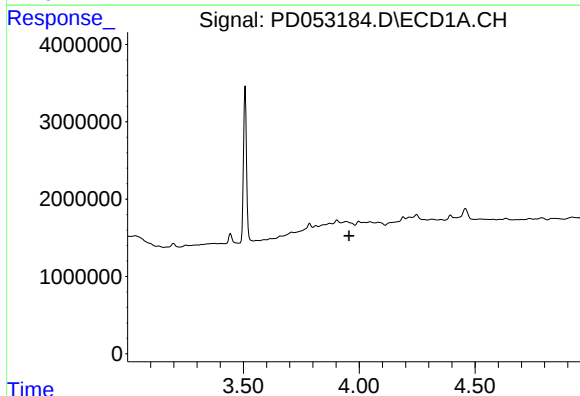
R.T.: 3.508 min
Delta R.T.: -0.002 min
Response: 18328645
Conc: 14.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH69



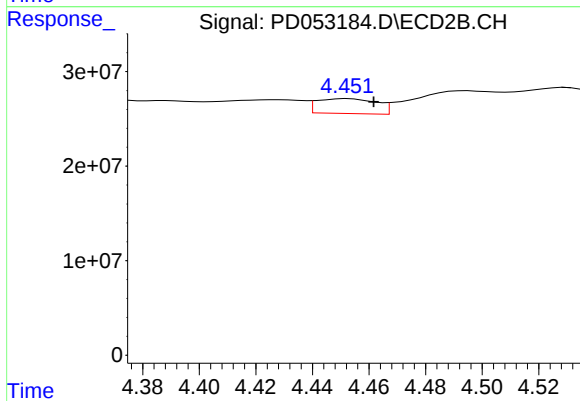
#1 Tetrachloro-m-xylene

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 397873663
Conc: 15.49 ng/ml



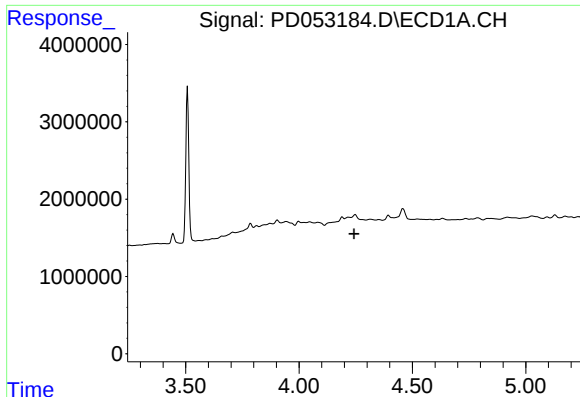
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.957 min
Response: 0
Conc: N.D.



#2 alpha-BHC

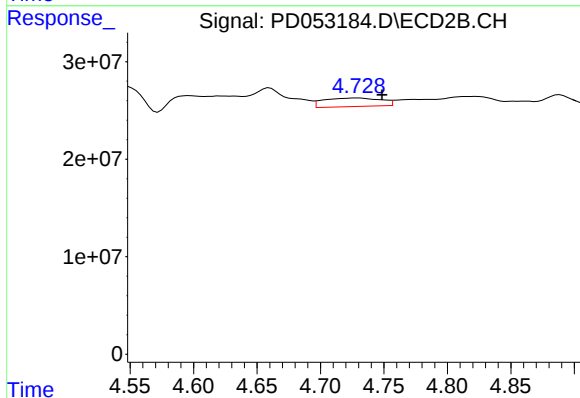
R.T.: 4.453 min
Delta R.T.: -0.009 min
Response: 23208523
Conc: 0.64 ng/ml



#3 gamma-BHC (Lindane)

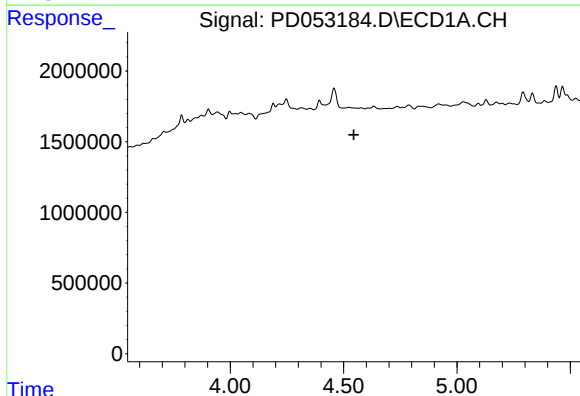
R.T.: 0.000 min
Exp R.T. : 4.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
BFH69



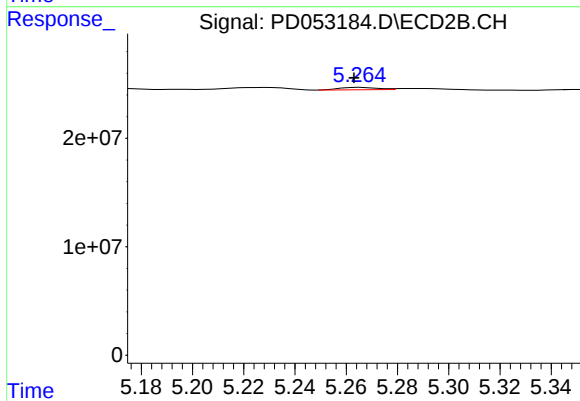
#3 gamma-BHC (Lindane)

R.T.: 4.729 min
Delta R.T.: -0.019 min
Response: 27182457
Conc: 0.83 ng/ml



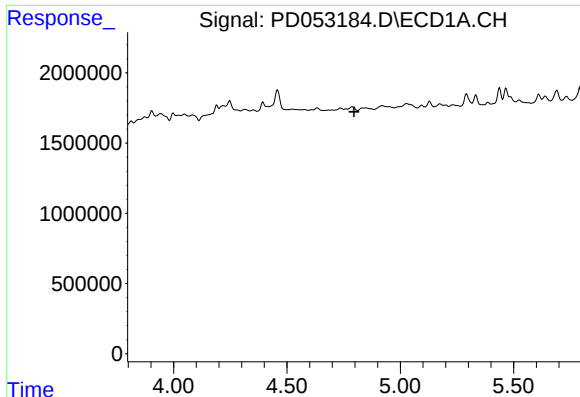
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.546 min
Response: 0
Conc: N.D.



#4 Heptachlor

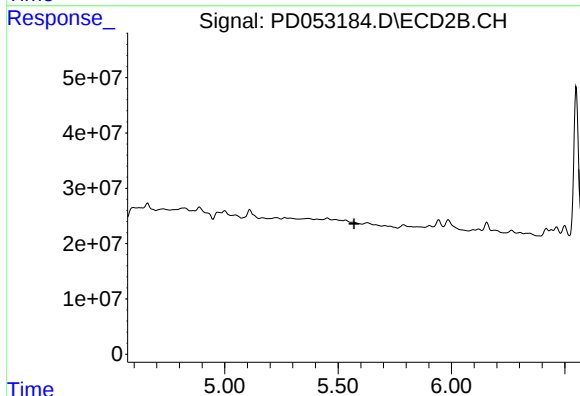
R.T.: 5.266 min
Delta R.T.: 0.003 min
Response: 2234900
Conc: 0.08 ng/ml



#5 Aldrin

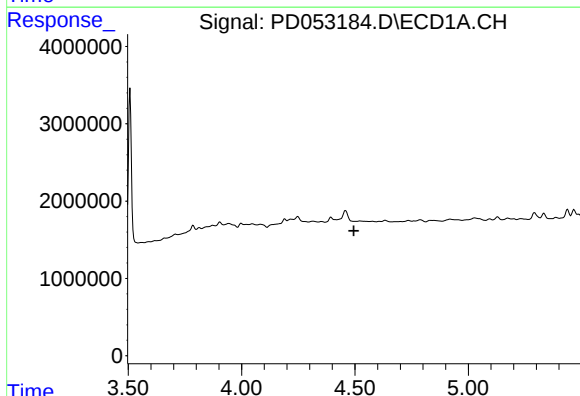
R.T.: 0.000 min
Exp R.T. : 4.796 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
BFH69



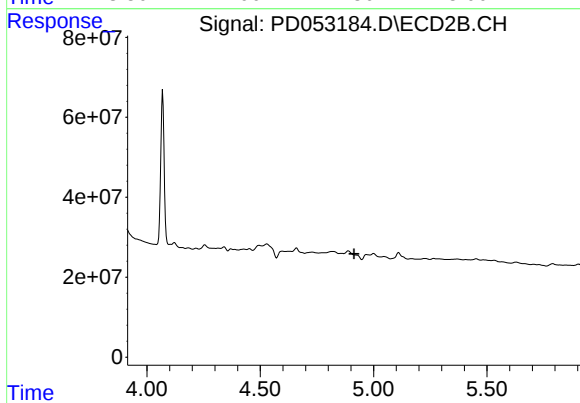
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.571 min
Response: 0
Conc: N.D.



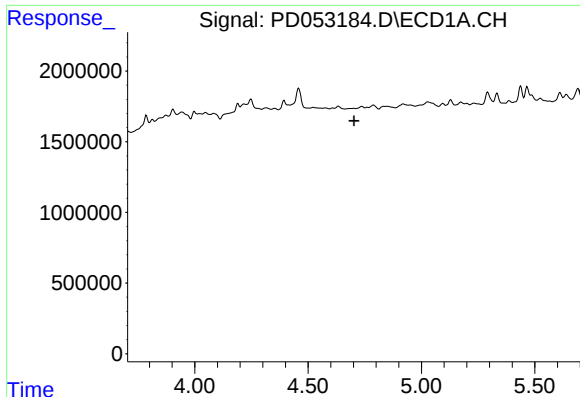
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.495 min
Response: 0
Conc: N.D.



#6 beta-BHC

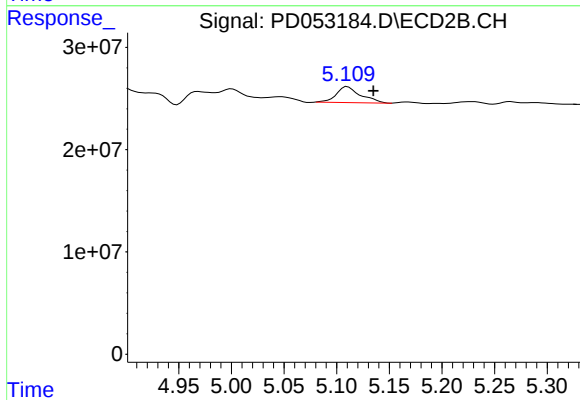
R.T.: 0.000 min
Exp R.T. : 4.915 min
Response: 0
Conc: N.D.



#7 delta-BHC

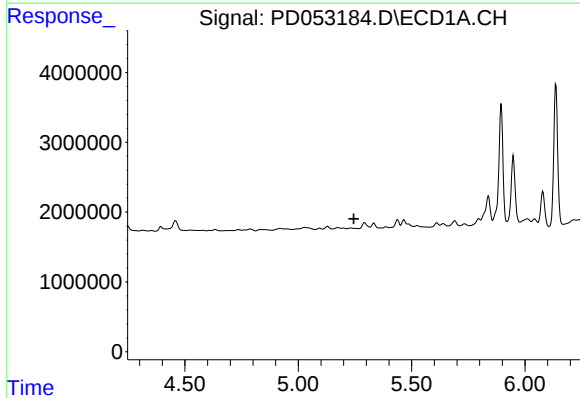
R.T.: 0.000 min
Exp R.T.: 4.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
BFH69



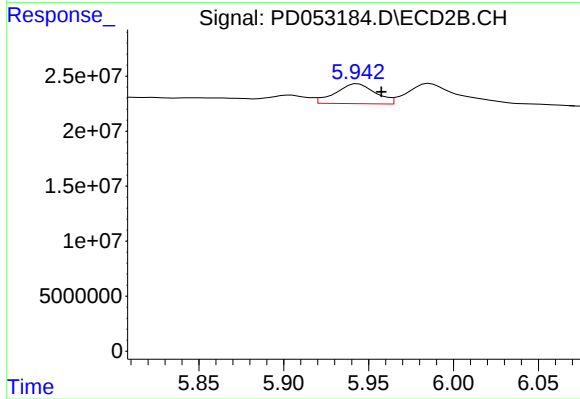
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: -0.025 min
Response: 24966158
Conc: 0.77 ng/ml



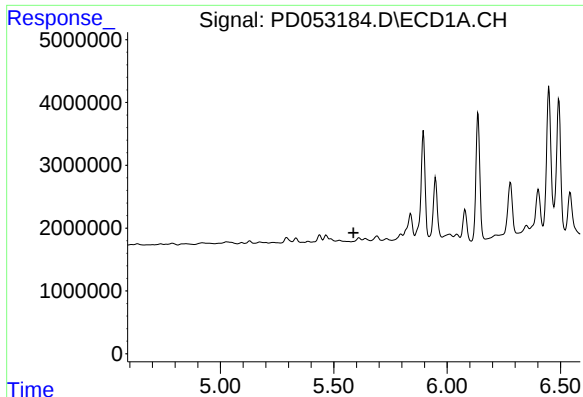
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.245 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

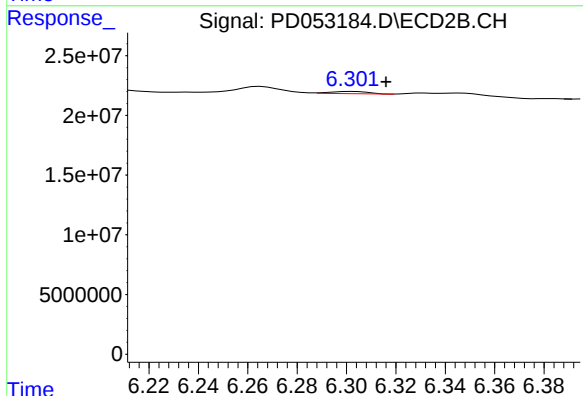
R.T.: 5.944 min
Delta R.T.: -0.014 min
Response: 29457636
Conc: 1.11 ng/ml



#9 Endosulfan I

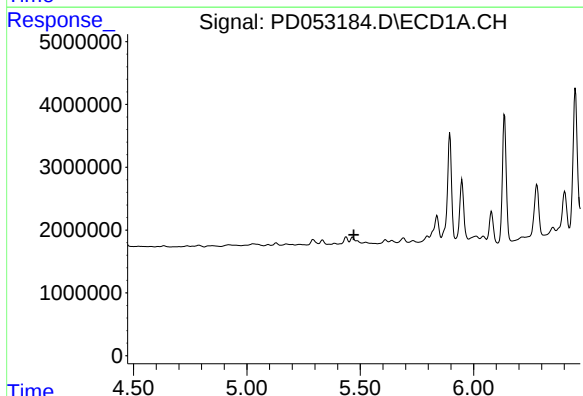
R.T.: 0.000 min
Exp R.T.: 5.588 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
BFH69



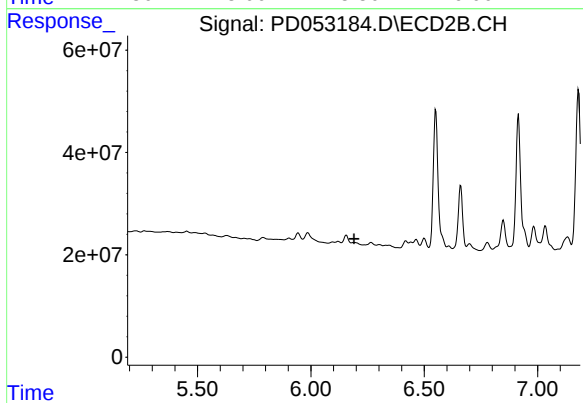
#9 Endosulfan I

R.T.: 6.303 min
Delta R.T.: -0.013 min
Response: 2004791
Conc: 0.08 ng/ml



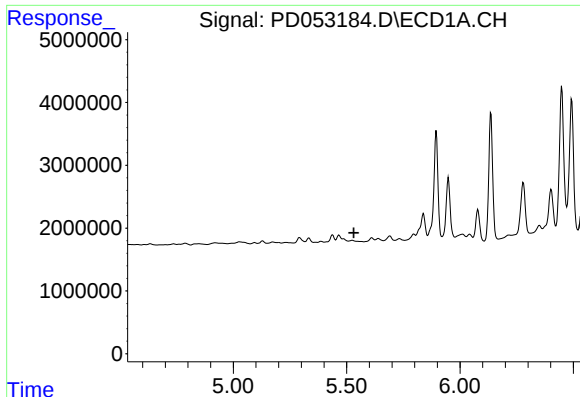
#10 trans-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.472 min
Response: 0
Conc: N.D.



#10 trans-Chlordane

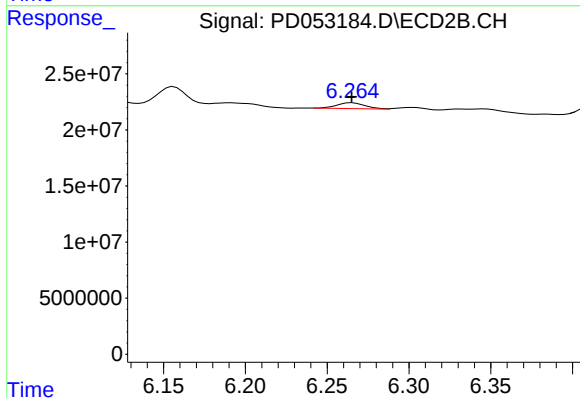
R.T.: 0.000 min
Exp R.T.: 6.191 min
Response: 0
Conc: N.D.



#11 cis-Chlordane

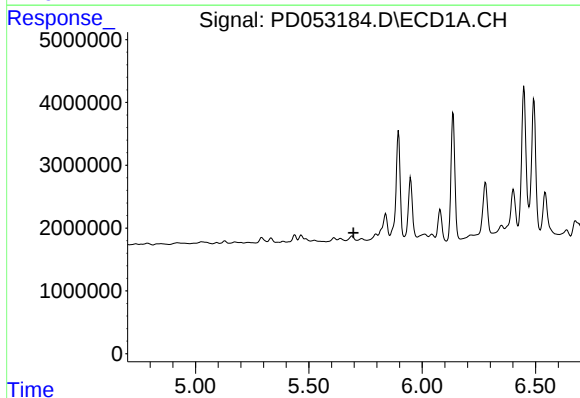
R.T.: 0.000 min
Exp R.T.: 5.532 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
BFH69



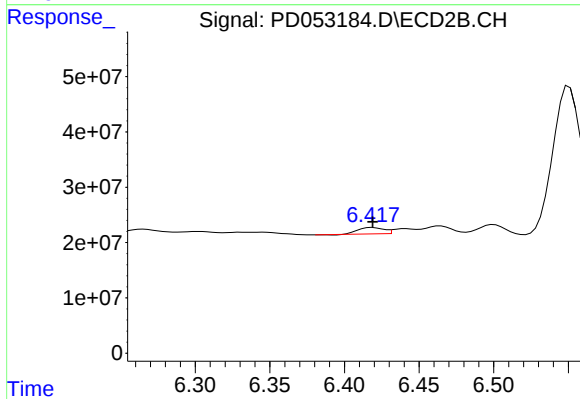
#11 cis-Chlordane

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 6407050
Conc: 0.26 ng/ml



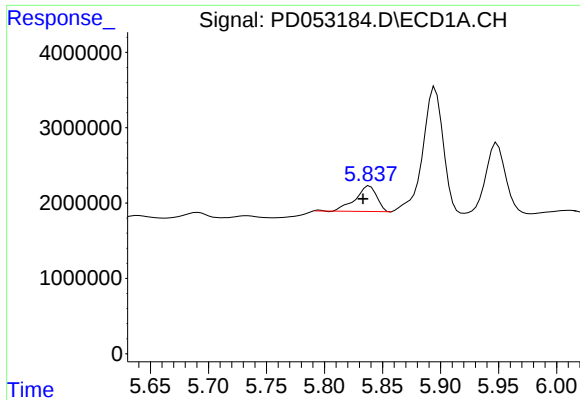
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.698 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

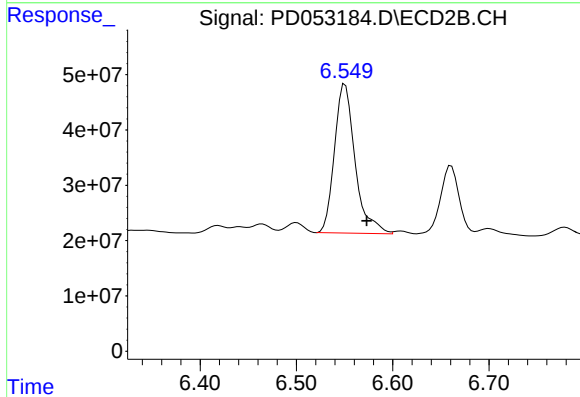
R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 13468006
Conc: 0.62 ng/ml



#13 Dieldrin

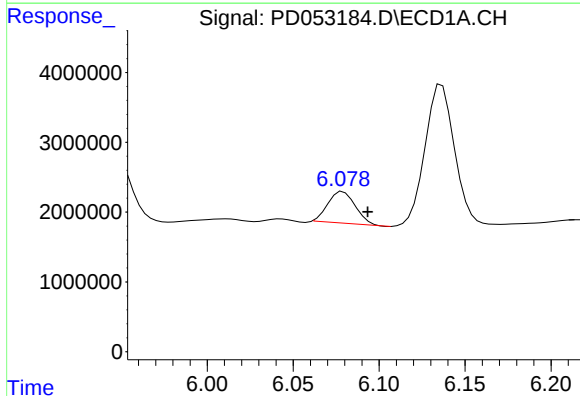
R.T.: 5.839 min
Delta R.T.: 0.006 min
Response: 4358568
Conc: 2.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH69



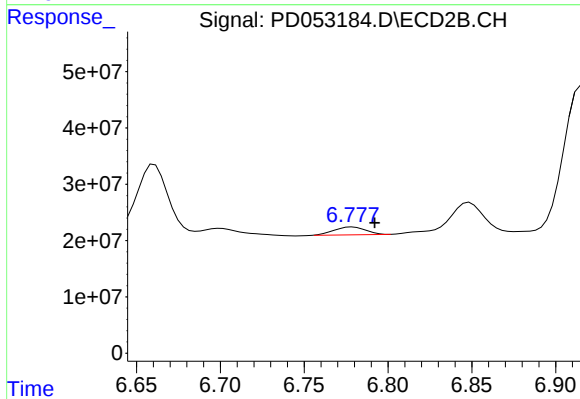
#13 Dieldrin

R.T.: 6.551 min
Delta R.T.: -0.022 min
Response: 401392397
Conc: 17.08 ng/ml



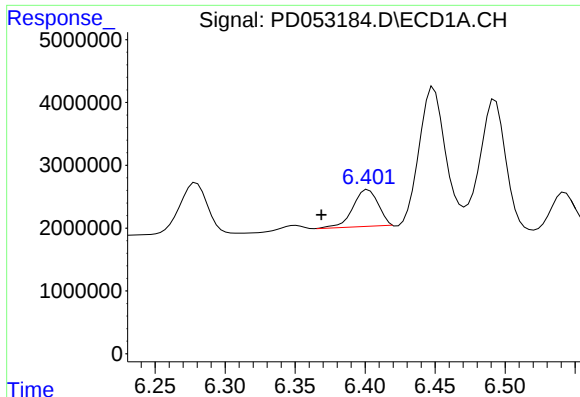
#14 Endrin

R.T.: 6.079 min
Delta R.T.: -0.014 min
Response: 5031814
Conc: 3.94 ng/ml



#14 Endrin

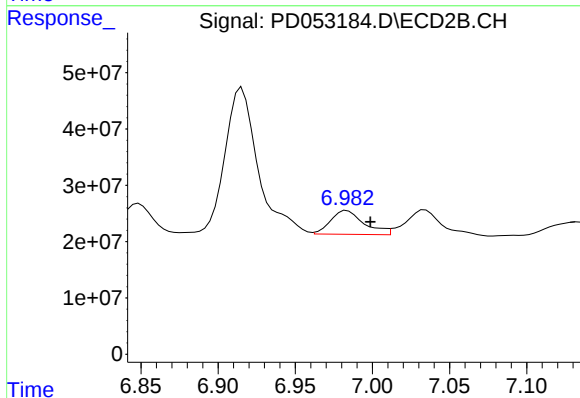
R.T.: 6.779 min
Delta R.T.: -0.013 min
Response: 18264820
Conc: 1.12 ng/ml



#15 Endosulfan II

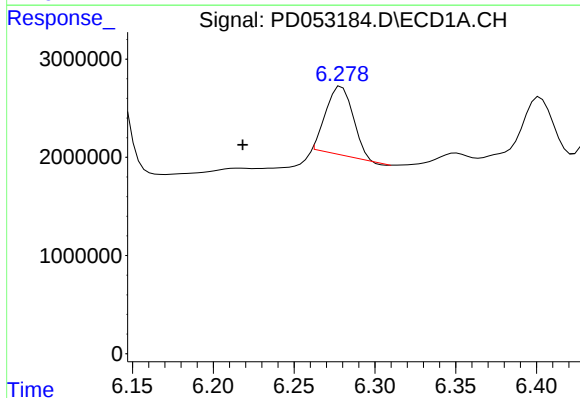
R.T.: 6.402 min
Delta R.T.: 0.033 min
Response: 7444366
Conc: 5.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH69



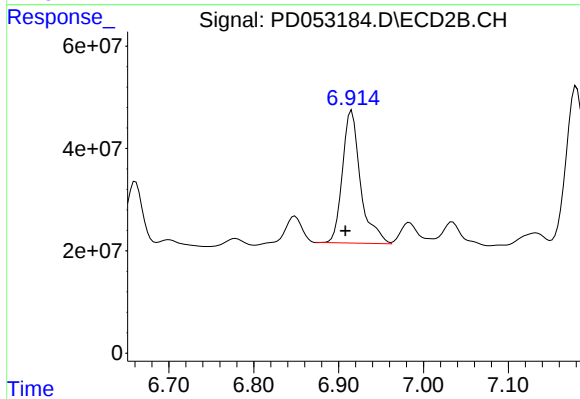
#15 Endosulfan II

R.T.: 6.984 min
Delta R.T.: -0.015 min
Response: 63658686
Conc: 3.31 ng/ml



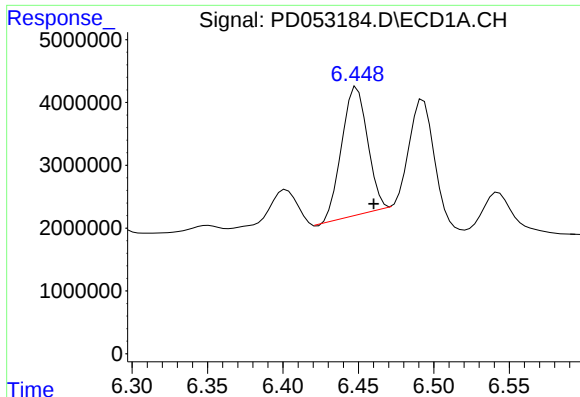
#16 4,4'-DDD

R.T.: 6.279 min
Delta R.T.: 0.061 min
Response: 8091821
Conc: 7.83 ng/ml



#16 4,4'-DDD

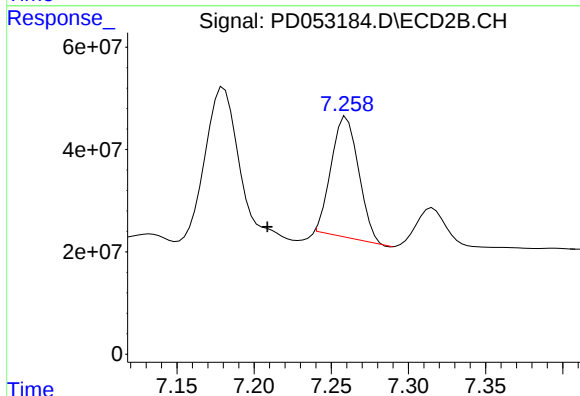
R.T.: 6.915 min
Delta R.T.: 0.007 min
Response: 383078891
Conc: 23.45 ng/ml



#17 4,4'-DDT

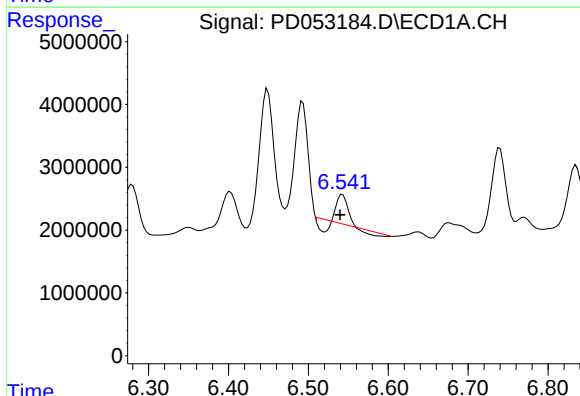
R.T.: 6.449 min
Delta R.T.: -0.011 min
Response: 24157558
Conc: 38.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH69



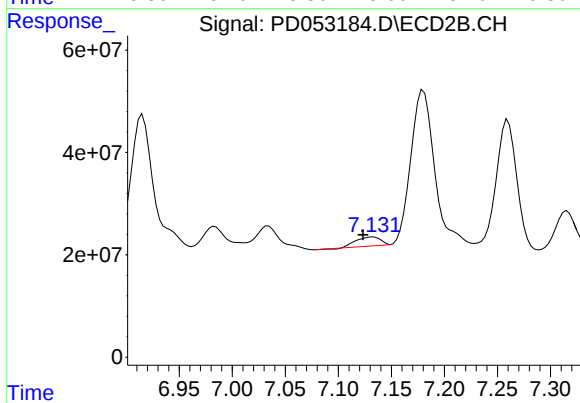
#17 4,4'-DDT

R.T.: 7.260 min
Delta R.T.: 0.051 min
Response: 290936474
Conc: 33.77 ng/ml



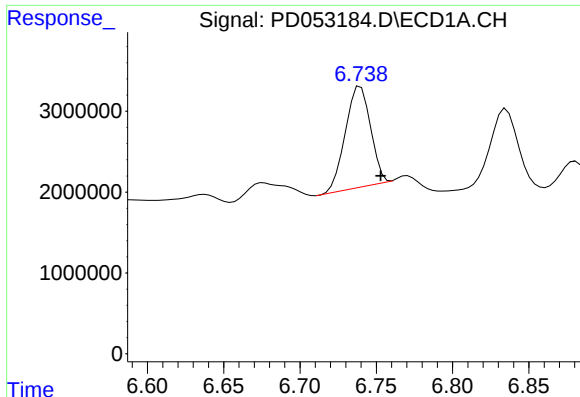
#18 Endrin aldehyde

R.T.: 6.543 min
Delta R.T.: 0.003 min
Response: 2181496
Conc: 2.18 ng/ml



#18 Endrin aldehyde

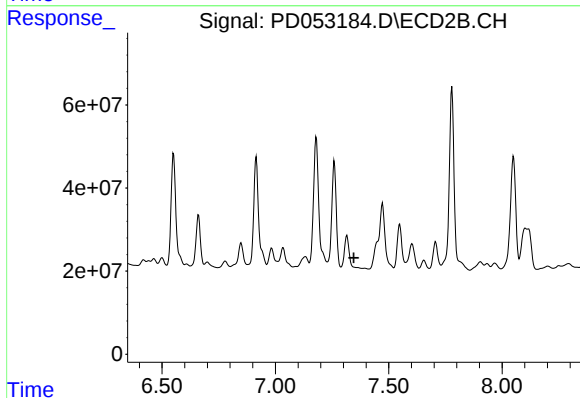
R.T.: 7.133 min
Delta R.T.: 0.010 min
Response: 27554685
Conc: 1.88 ng/ml



#19 Endosulfan Sulfate

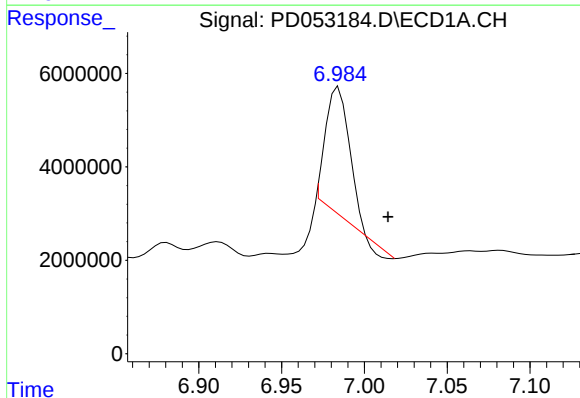
R.T.: 6.740 min
Delta R.T.: -0.013 min
Response: 14289412
Conc: 12.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH69



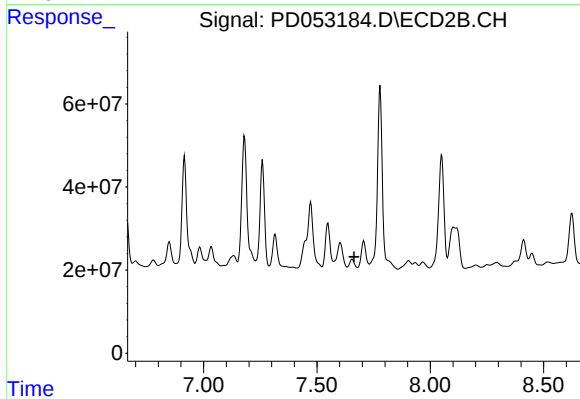
#19 Endosulfan Sulfate

R.T.: 7.316 min
Delta R.T.: -0.030 min
Response: -20432033
Conc: N.D.



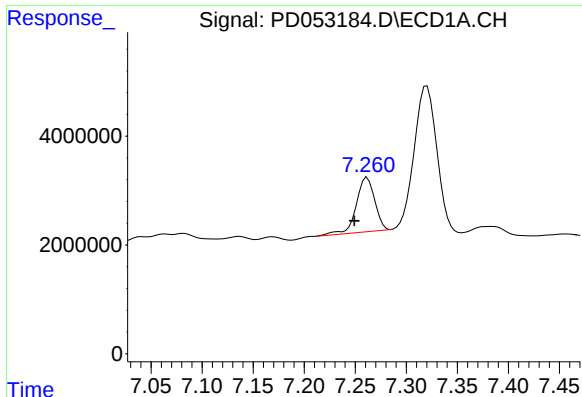
#20 Methoxychlor

R.T.: 6.984 min
Delta R.T.: -0.030 min
Response: 26054633
Conc: 68.16 ng/ml



#20 Methoxychlor

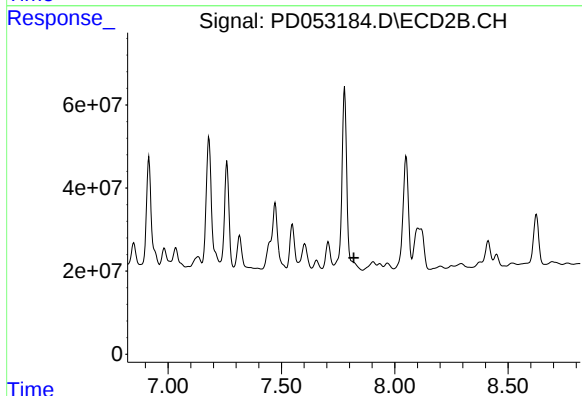
R.T.: 7.655 min
Delta R.T.: -0.009 min
Response: -29992261
Conc: N.D.



#21 Endrin ketone

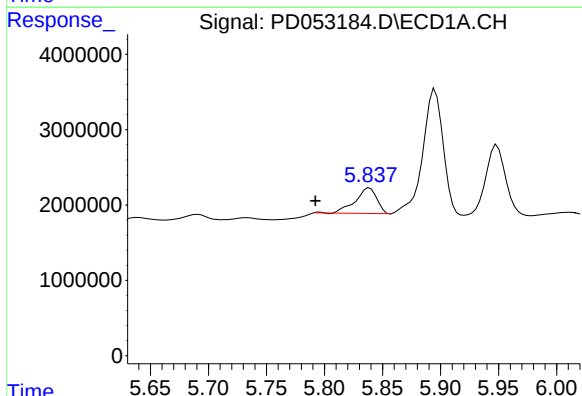
R.T.: 7.262 min
Delta R.T.: 0.012 min
Response: 12477938
Conc: 11.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH69



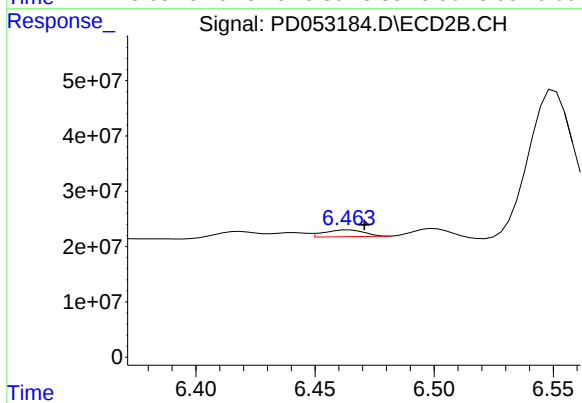
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.819 min
Response: 0
Conc: N.D.



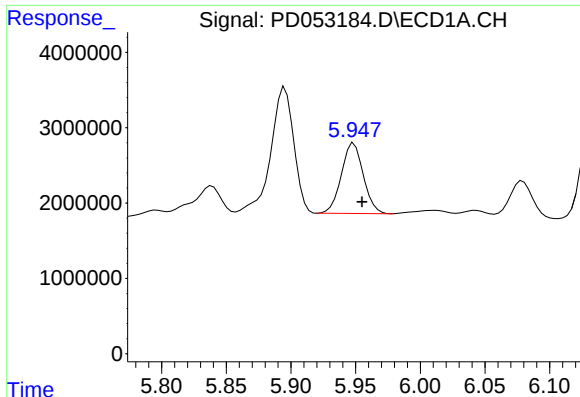
#22 Toxaphene-1

R.T.: 5.839 min
Delta R.T.: 0.047 min
Response: 4358568
Conc: 476.88 ng/ml



#22 Toxaphene-1

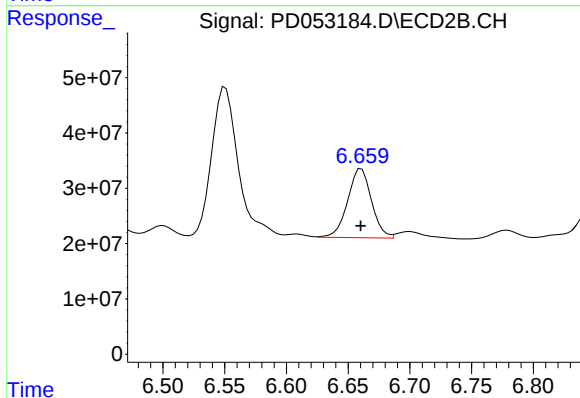
R.T.: 6.464 min
Delta R.T.: -0.006 min
Response: 14380324
Conc: 147.72 ng/ml



#23 Toxaphene-2

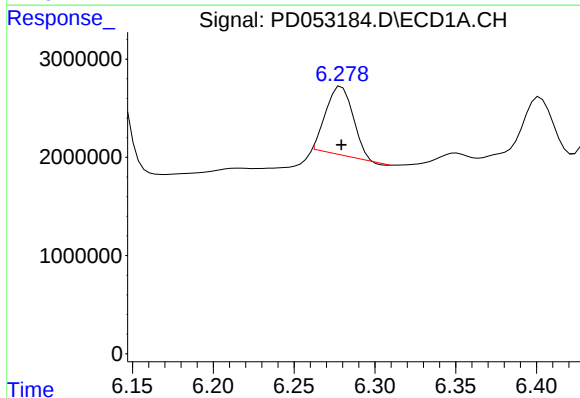
R.T.: 5.949 min
Delta R.T.: -0.006 min
Response: 11032880
Conc: 1254.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH69



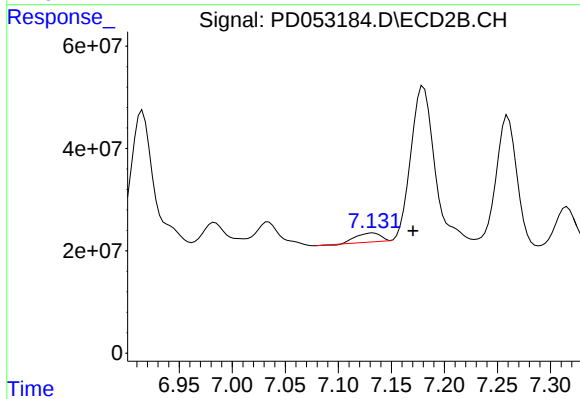
#23 Toxaphene-2

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 167589370
Conc: 974.87 ng/ml



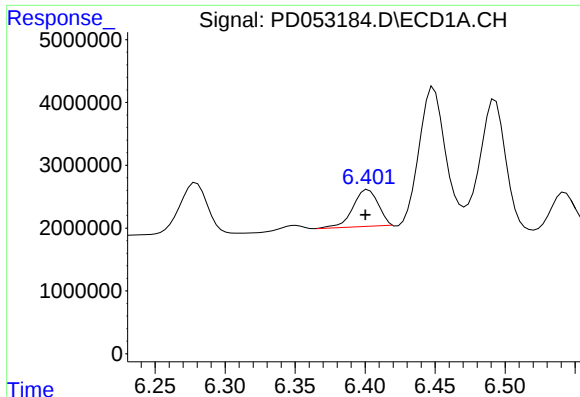
#24 Toxaphene-3

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 8091821
Conc: 828.69 ng/ml



#24 Toxaphene-3

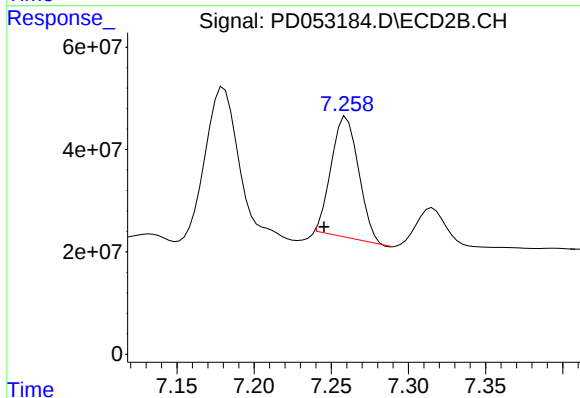
R.T.: 7.133 min
Delta R.T.: -0.037 min
Response: 27554685
Conc: 196.23 ng/ml



#25 Toxaphene-4

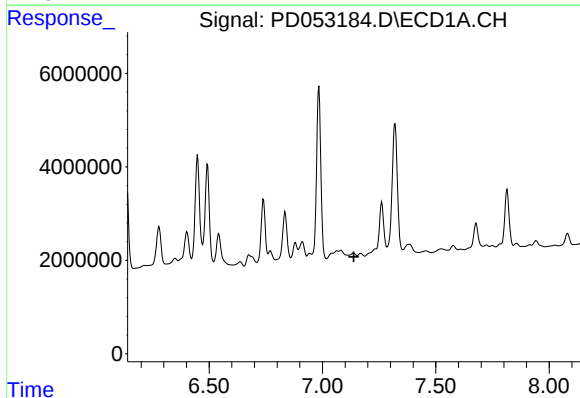
R.T.: 6.402 min
Delta R.T.: 0.002 min
Response: 7444366
Conc: 338.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH69



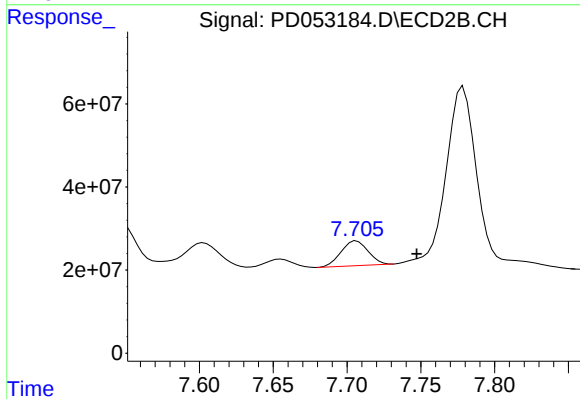
#25 Toxaphene-4

R.T.: 7.260 min
Delta R.T.: 0.014 min
Response: 290936474
Conc: 816.99 ng/ml



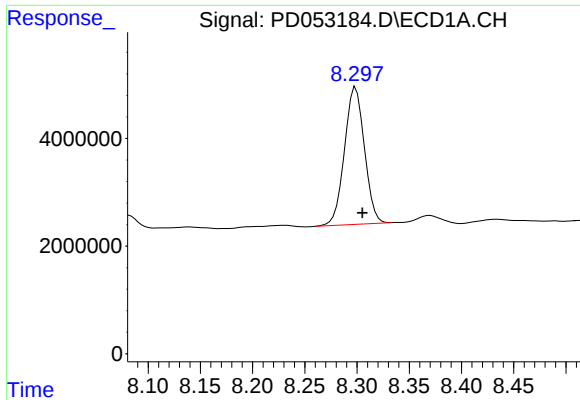
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 7.139 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

R.T.: 7.706 min
Delta R.T.: -0.041 min
Response: 76069726
Conc: 518.61 ng/ml



#27 Decachlorobiphenyl

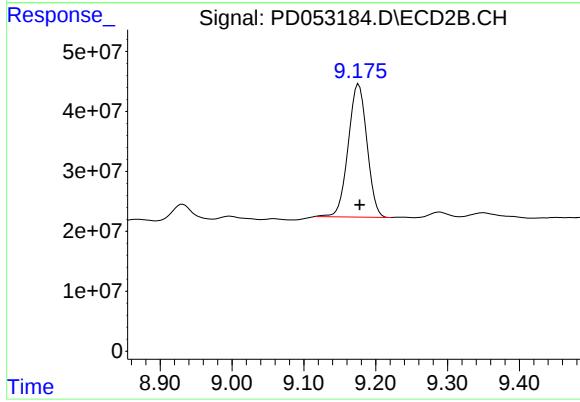
R.T.: 8.299 min

Delta R.T.: -0.006 min

Response: 33794058

Conc: 25.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFH69



#27 Decachlorobiphenyl

R.T.: 9.176 min

Delta R.T.: -0.001 min

Response: 402077452

Conc: 26.14 ng/ml