

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092423\
 Data File : PD078246.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2023 19:46
 Operator : AR\AJ
 Sample : 04574-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

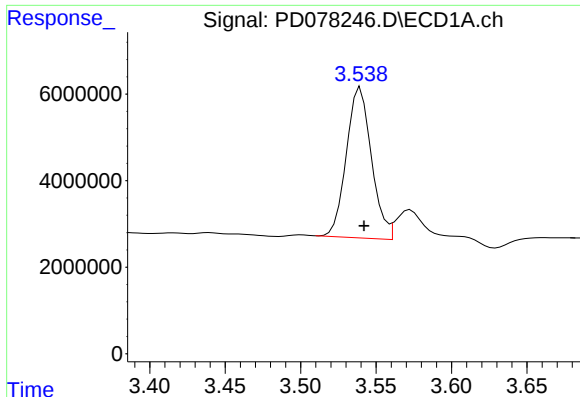
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:04:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.540	2.758	40312124	29601684	15.877	18.716
28)	SA Decachlor...	9.078	7.895	37169098	22471722	12.202	13.022
Target Compounds							
2)	A alpha-BHC	3.988	3.287f	4315527	863112	1.049	0.373 #
3)	MA gamma-BHC...	4.304f	3.595	2072279	737875	0.524	0.330 #
4)	MA Heptachlor	4.911	3.941	331478	2701138	0.085	1.201 #
5)	MB Aldrin	5.258	4.181f	771309	394389	0.192	0.173
7)	B delta-BHC	4.763f	0.000	9408469	0	2.552	N.D. #
9)	A Endosulfan I	6.060f	5.095	2042990	2018680	0.621	1.078 #
10)	B gamma-Chl...	5.929f	4.954	663430	354763	0.188	0.176
11)	B alpha-Chl...	6.005f	5.027	342785	83324445	0.096	41.358 #
12)	B 4,4'-DDE	0.000	5.224	0	384723	N.D.	0.211 #
13)	MA Dieldrin	6.387f	0.000	493390	0	0.139	N.D. #
14)	MA Endrin	6.615f	5.636	7500272	223048	2.473	0.123 #
15)	B Endosulfa...	6.828f	5.900f	2498938	1003668	0.806	0.587 #
16)	A 4,4'-DDD	6.703f	5.771	1028323	588114	0.401	0.421
17)	MA 4,4'-DDT	0.000	6.011	0	469626	N.D.	0.332 #
18)	B Endrin al...	6.918f	6.113f	187017	605608	0.079	0.449 #
19)	B Endosulfa...	7.174	0.000	314520	0	0.111	N.D. #
20)	A Methoxychlor	7.499	6.616f	173491	-51267	0.112	N.D. #
21)	B Endrin ke...	0.000	6.819	0	604549	N.D.	0.320 #
22)	Mirex	0.000	6.993f	0	266368	N.D.	0.174 #
23)	Chlordane-1	4.715	3.763	-50604	1102618	N.D.	19.362
24)	Chlordane-2	5.258f	4.314f	771309	320277	6.043	5.029
25)	Chlordane-3	5.929f	4.954	663430	354763	1.321	1.808 #
26)	Chlordane-4	6.060f	5.027	2042990	83324445	3.317	440.352 #
27)	Chlordane-5	0.000	5.944f	0	582565	N.D.	9.055 #

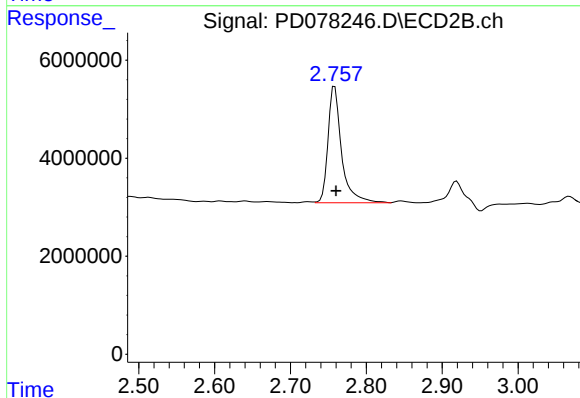
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

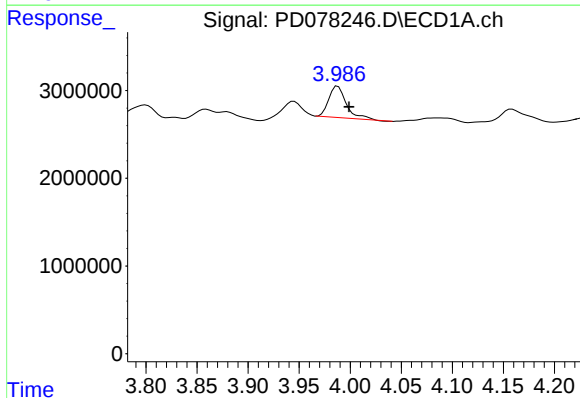
R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 40312124
Conc: 15.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



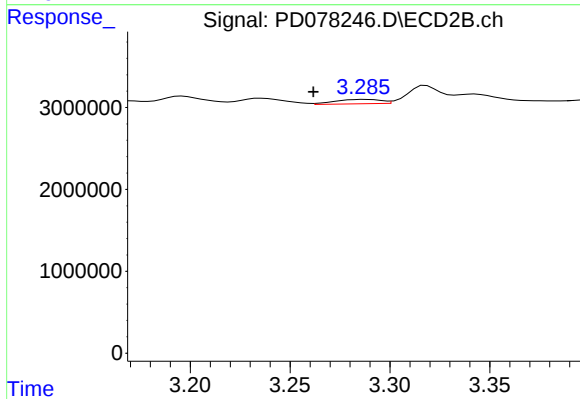
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: -0.002 min
Response: 29601684
Conc: 18.72 ng/ml



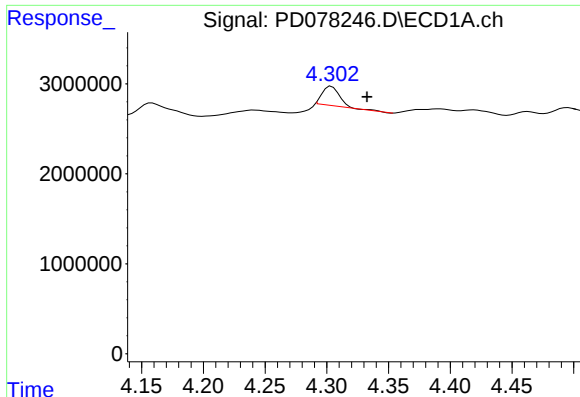
#2 alpha-BHC

R.T.: 3.988 min
Delta R.T.: -0.011 min
Response: 4315527
Conc: 1.05 ng/ml



#2 alpha-BHC

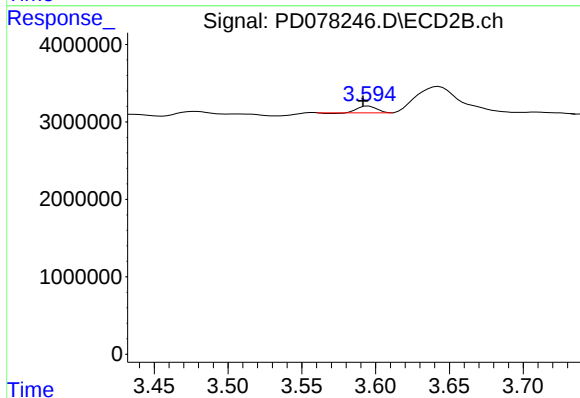
R.T.: 3.287 min
Delta R.T.: 0.026 min
Response: 863112
Conc: 0.37 ng/ml



#3 gamma-BHC (Lindane)

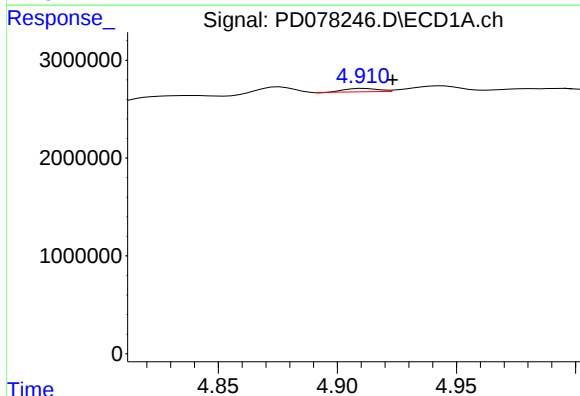
R.T.: 4.304 min
Delta R.T.: -0.029 min
Response: 2072279
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



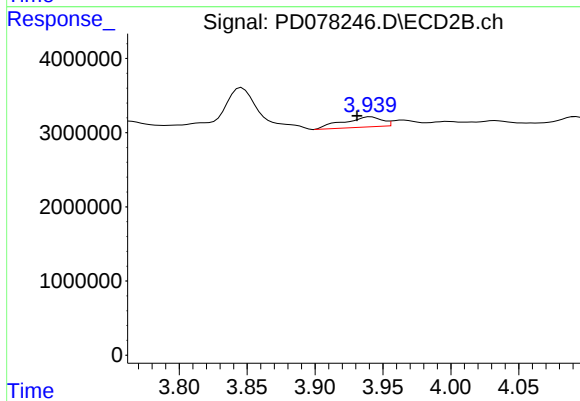
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: 0.004 min
Response: 737875
Conc: 0.33 ng/ml



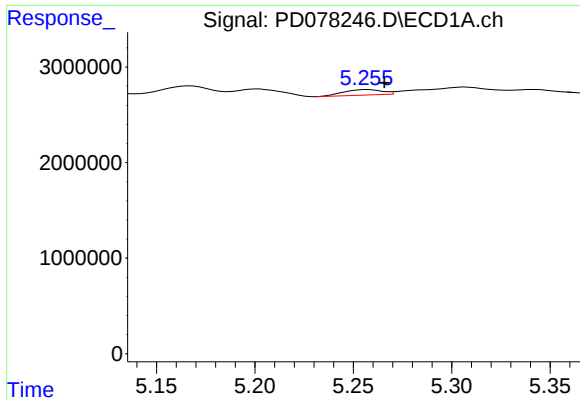
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.012 min
Response: 331478
Conc: 0.08 ng/ml



#4 Heptachlor

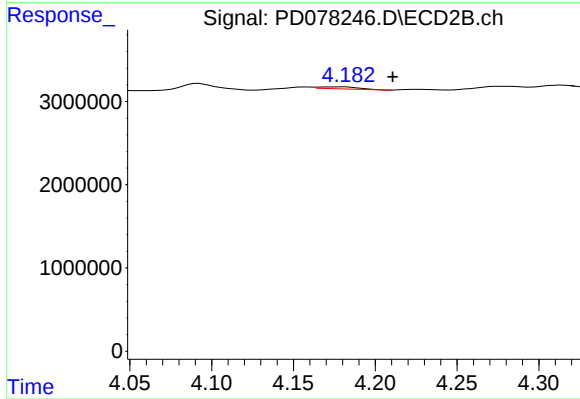
R.T.: 3.941 min
Delta R.T.: 0.010 min
Response: 2701138
Conc: 1.20 ng/ml



#5 Aldrin

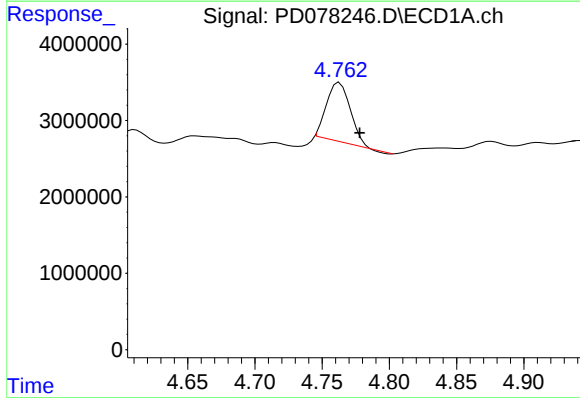
R.T.: 5.258 min
Delta R.T.: -0.008 min
Response: 771309
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



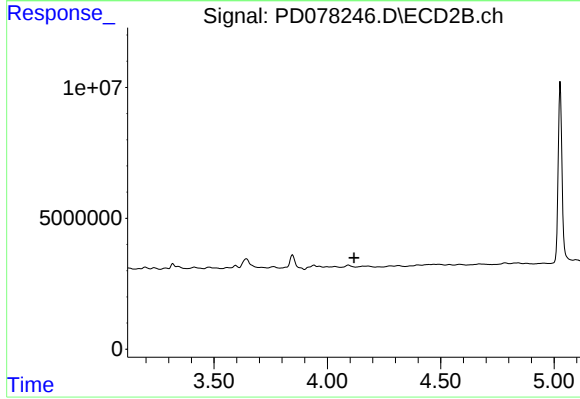
#5 Aldrin

R.T.: 4.181 min
Delta R.T.: -0.030 min
Response: 394389
Conc: 0.17 ng/ml



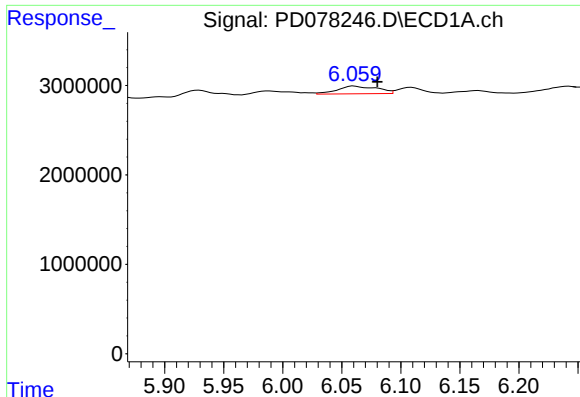
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.015 min
Response: 9408469
Conc: 2.55 ng/ml



#7 delta-BHC

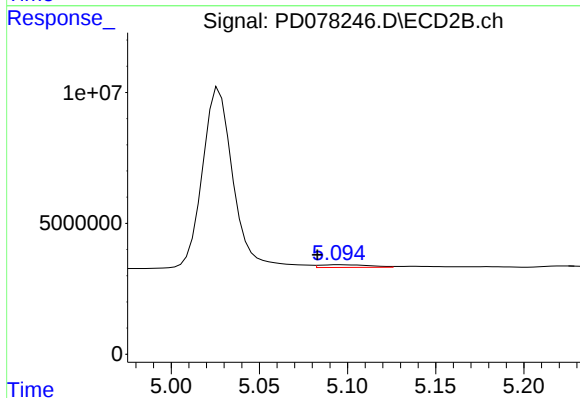
R.T.: 0.000 min
Exp R.T. : 4.119 min
Response: 0
Conc: N.D.



#9 Endosulfan I

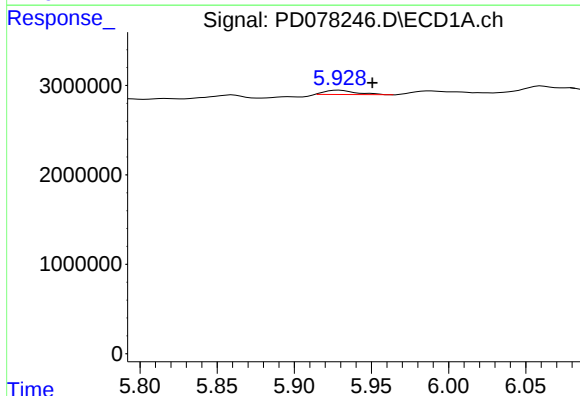
R.T.: 6.060 min
Delta R.T.: -0.020 min
Response: 2042990
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



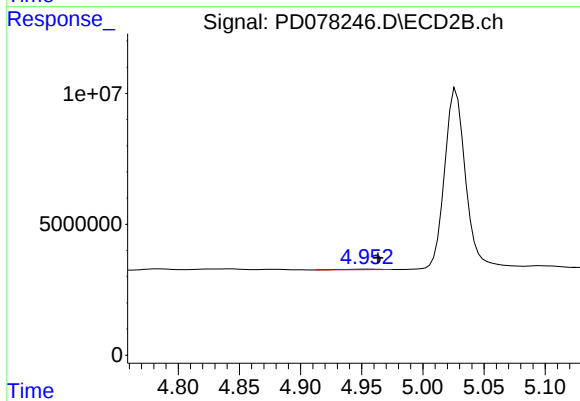
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: 0.013 min
Response: 2018680
Conc: 1.08 ng/ml



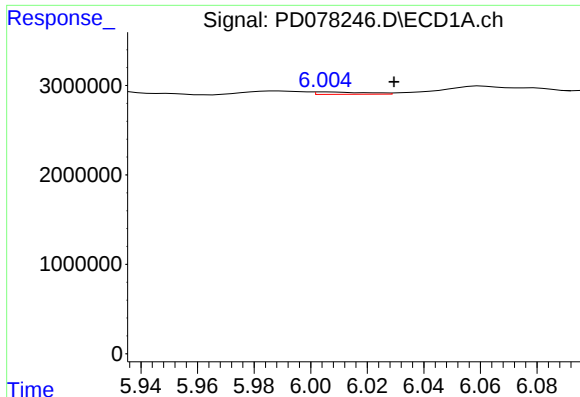
#10 gamma-Chlordane

R.T.: 5.929 min
Delta R.T.: -0.022 min
Response: 663430
Conc: 0.19 ng/ml



#10 gamma-Chlordane

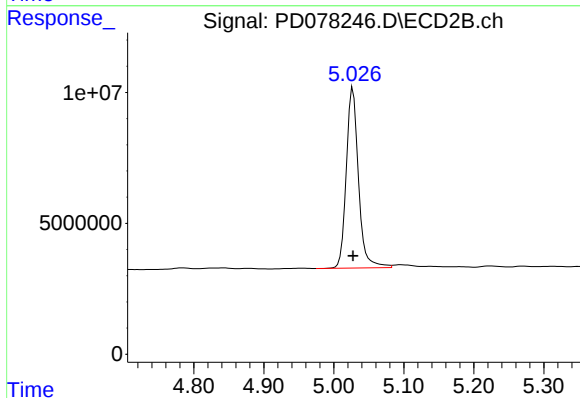
R.T.: 4.954 min
Delta R.T.: -0.009 min
Response: 354763
Conc: 0.18 ng/ml



#11 alpha-Chlordane

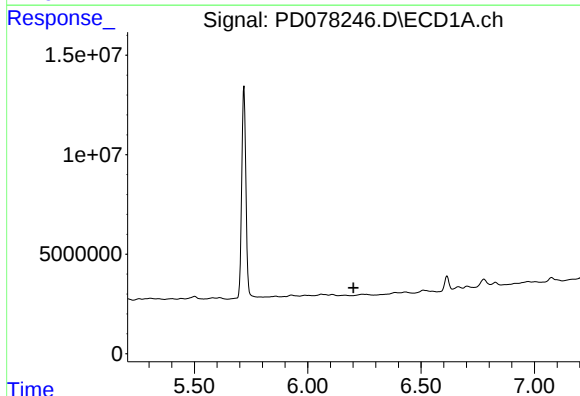
R.T.: 6.005 min
Delta R.T.: -0.024 min
Response: 342785
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



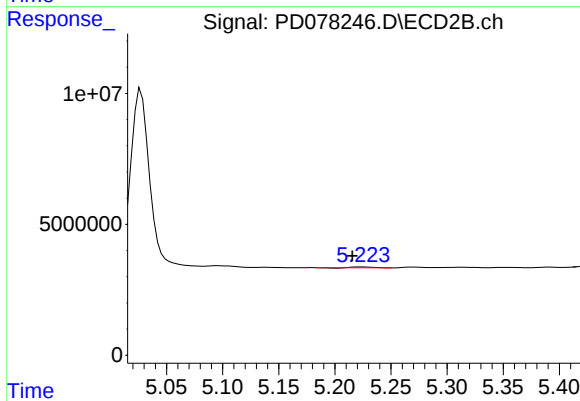
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 83324445
Conc: 41.36 ng/ml



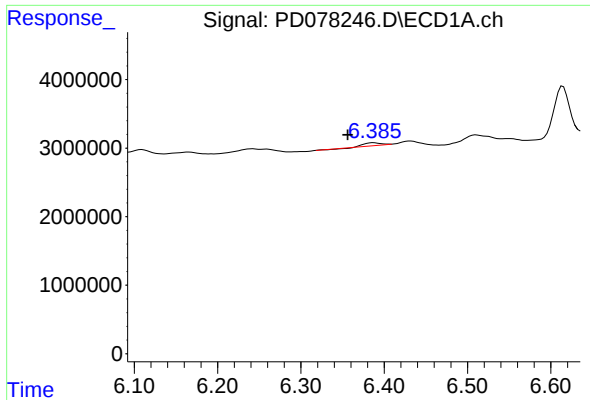
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.202 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

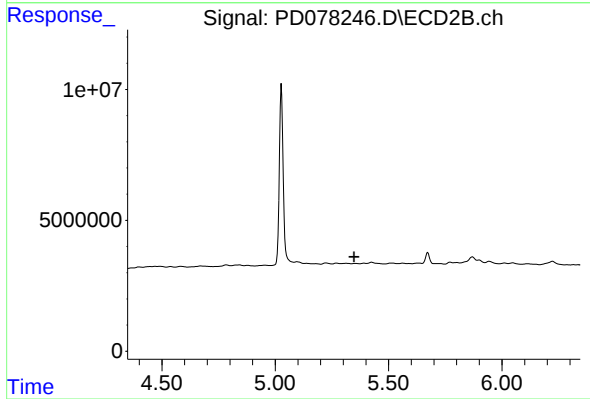
R.T.: 5.224 min
Delta R.T.: 0.009 min
Response: 384723
Conc: 0.21 ng/ml



#13 Dieldrin

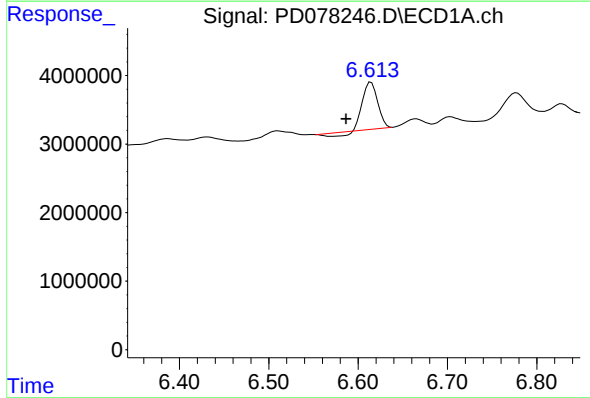
R.T.: 6.387 min
Delta R.T.: 0.031 min
Response: 493390
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



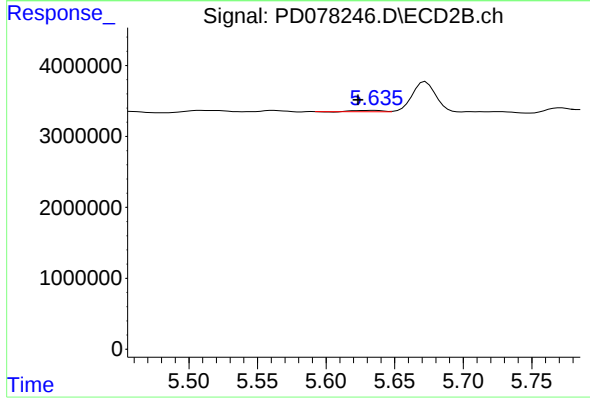
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



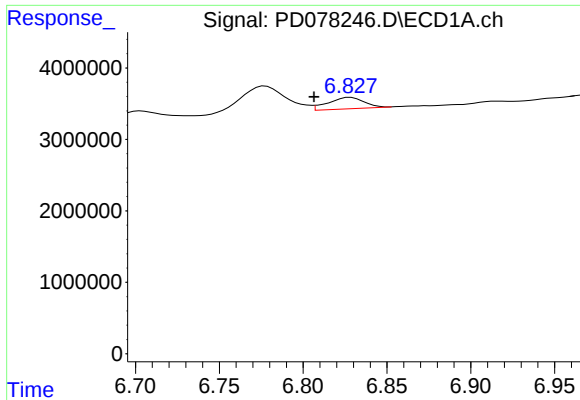
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.028 min
Response: 7500272
Conc: 2.47 ng/ml



#14 Endrin

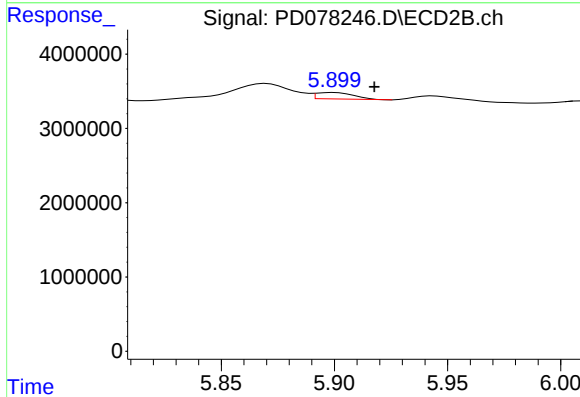
R.T.: 5.636 min
Delta R.T.: 0.013 min
Response: 223048
Conc: 0.12 ng/ml



#15 Endosulfan II

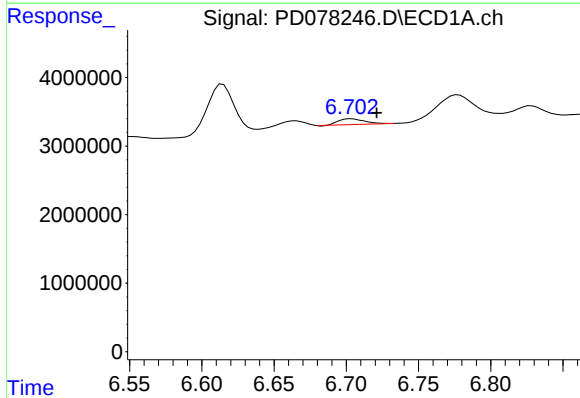
R.T.: 6.828 min
Delta R.T.: 0.022 min
Response: 2498938
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



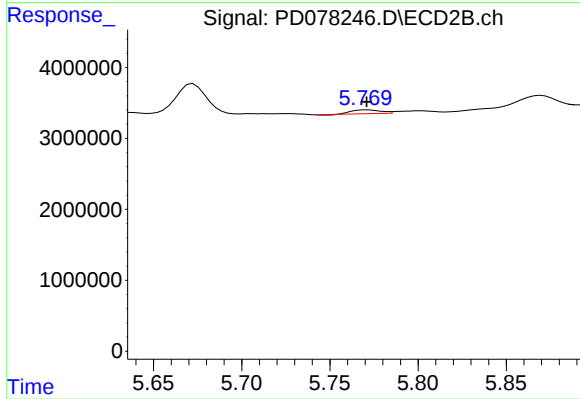
#15 Endosulfan II

R.T.: 5.900 min
Delta R.T.: -0.017 min
Response: 1003668
Conc: 0.59 ng/ml



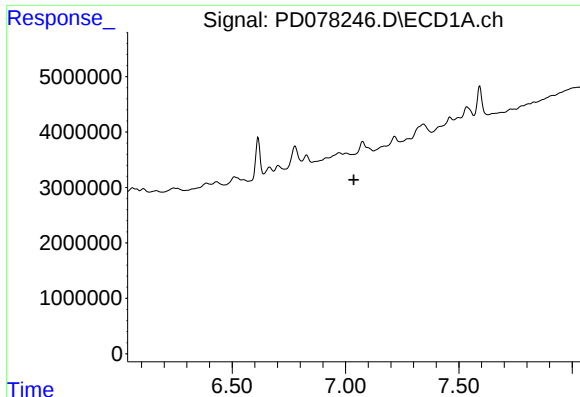
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.018 min
Response: 1028323
Conc: 0.40 ng/ml



#16 4,4'-DDD

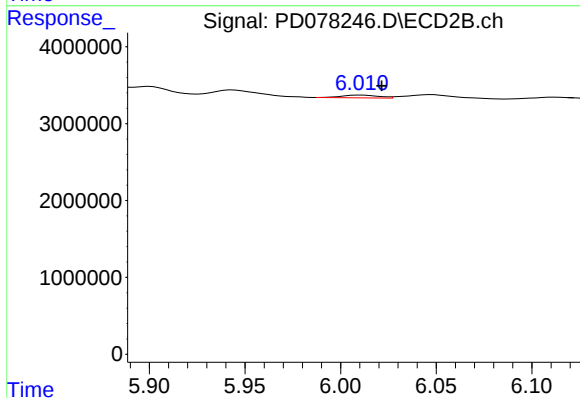
R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 588114
Conc: 0.42 ng/ml



#17 4,4'-DDT

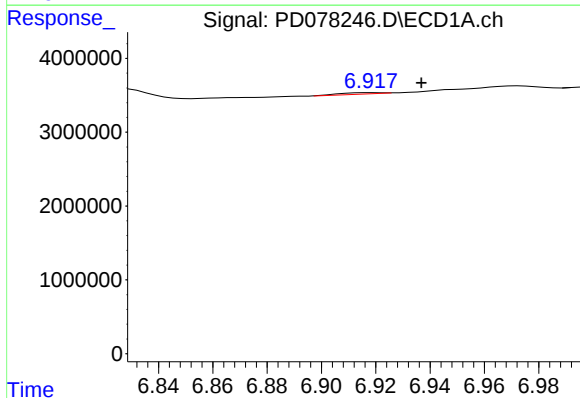
R.T.: 0.000 min
Exp R.T.: 7.036 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



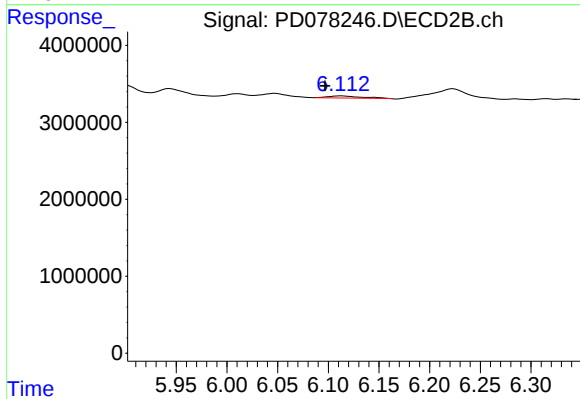
#17 4,4'-DDT

R.T.: 6.011 min
Delta R.T.: -0.011 min
Response: 469626
Conc: 0.33 ng/ml



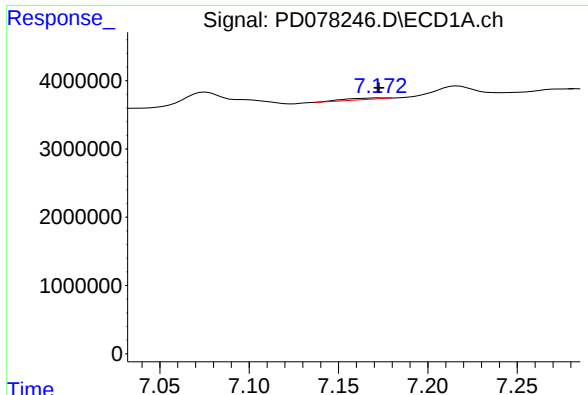
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: -0.018 min
Response: 187017
Conc: 0.08 ng/ml



#18 Endrin aldehyde

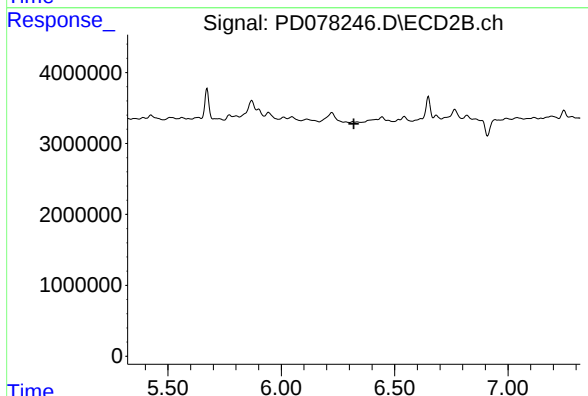
R.T.: 6.113 min
Delta R.T.: 0.016 min
Response: 605608
Conc: 0.45 ng/ml



#19 Endosulfan Sulfate

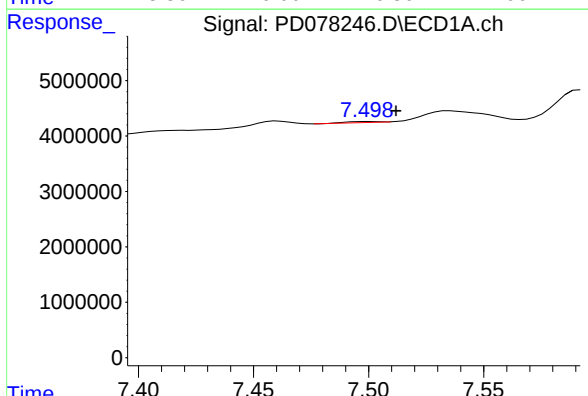
R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 314520
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



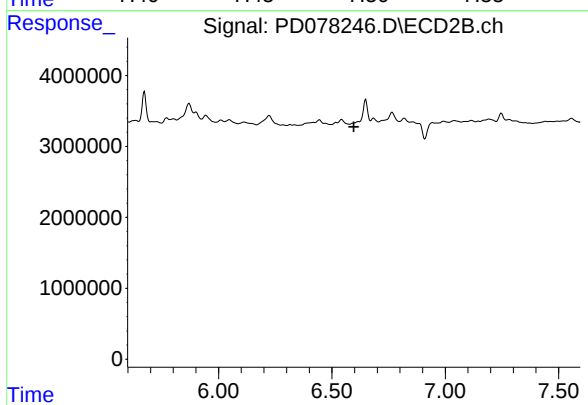
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.320 min
Response: 0
Conc: N.D.



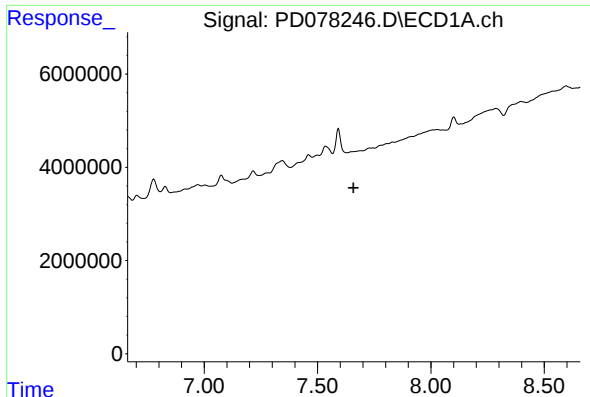
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.013 min
Response: 173491
Conc: 0.11 ng/ml



#20 Methoxychlor

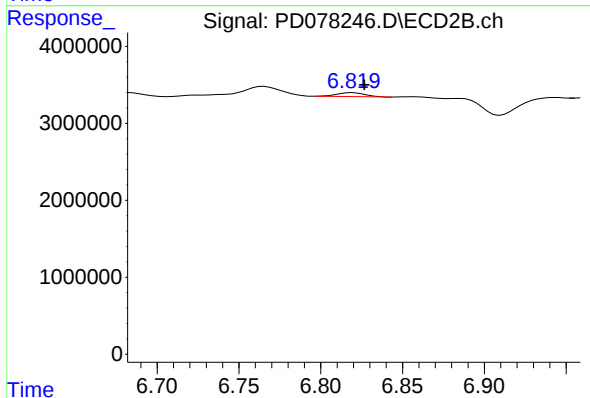
R.T.: 6.616 min
Delta R.T.: 0.019 min
Response: -51267
Conc: N.D.



#21 Endrin ketone

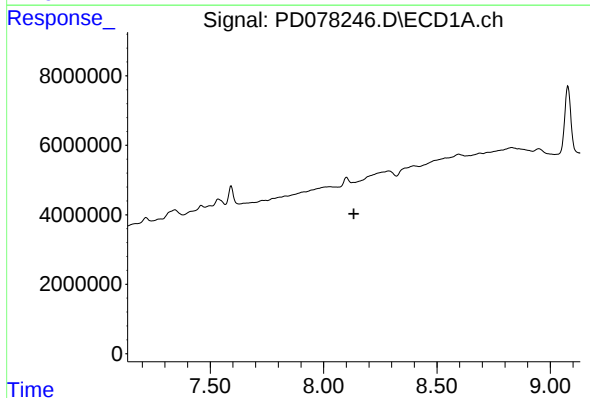
R.T.: 0.000 min
Exp R.T.: 7.659 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



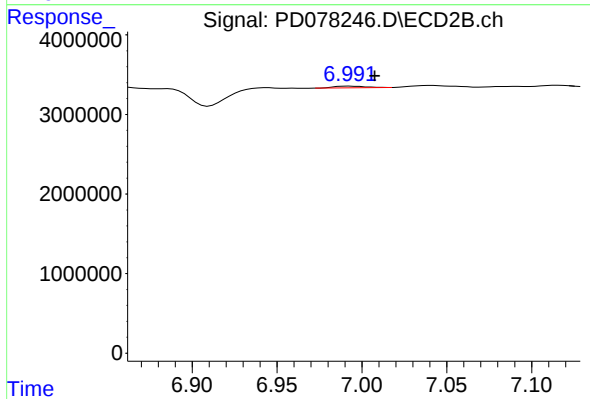
#21 Endrin ketone

R.T.: 6.819 min
Delta R.T.: -0.007 min
Response: 604549
Conc: 0.32 ng/ml



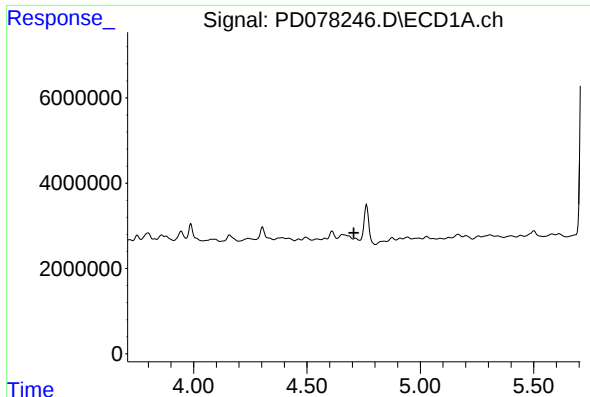
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.133 min
Response: 0
Conc: N.D.



#22 Mirex

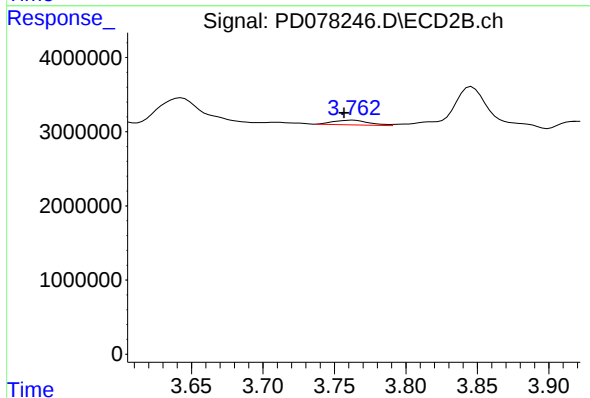
R.T.: 6.993 min
Delta R.T.: -0.015 min
Response: 266368
Conc: 0.17 ng/ml



#23 Chlordane-1

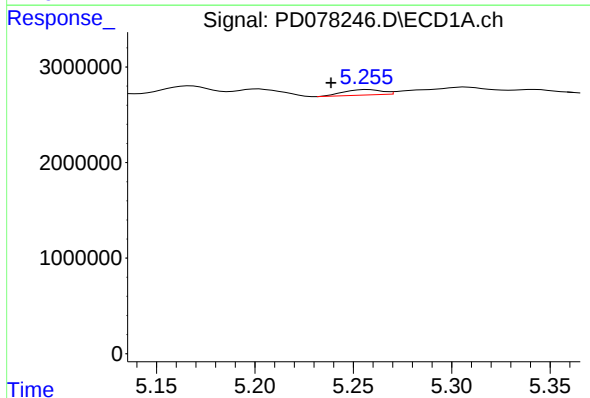
R.T.: 4.715 min
Delta R.T.: 0.008 min
Response: -50604
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



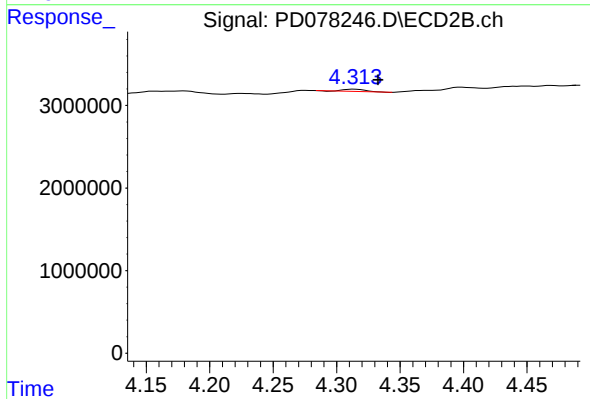
#23 Chlordane-1

R.T.: 3.763 min
Delta R.T.: 0.006 min
Response: 1102618
Conc: 19.36 ng/ml



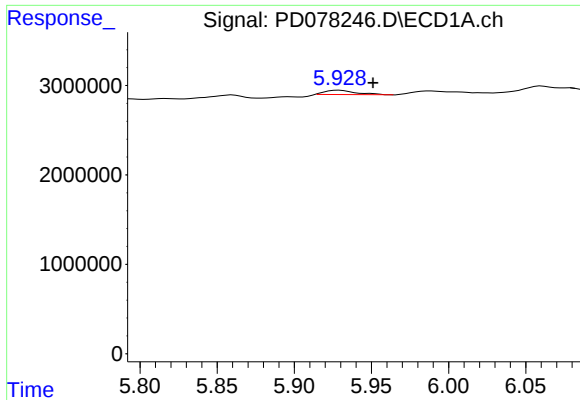
#24 Chlordane-2

R.T.: 5.258 min
Delta R.T.: 0.019 min
Response: 771309
Conc: 6.04 ng/ml



#24 Chlordane-2

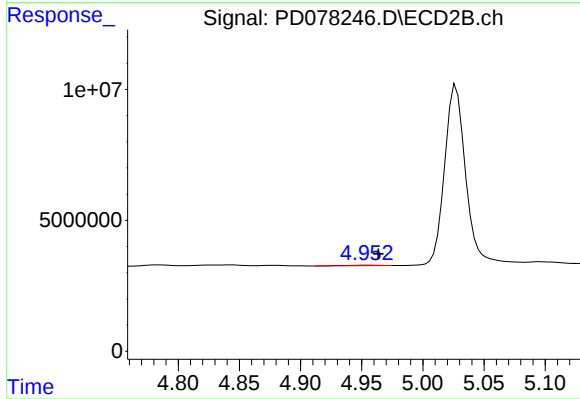
R.T.: 4.314 min
Delta R.T.: -0.018 min
Response: 320277
Conc: 5.03 ng/ml



#25 Chlordane-3

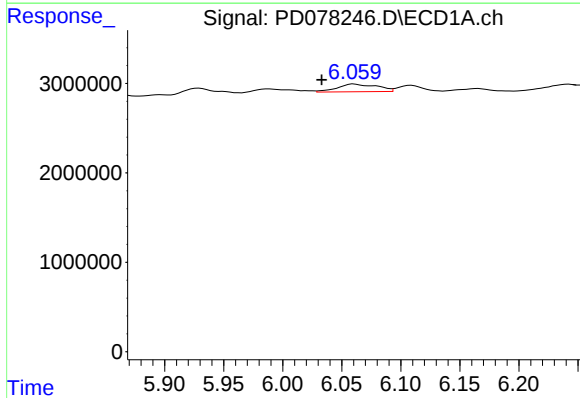
R.T.: 5.929 min
Delta R.T.: -0.022 min
Response: 663430
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



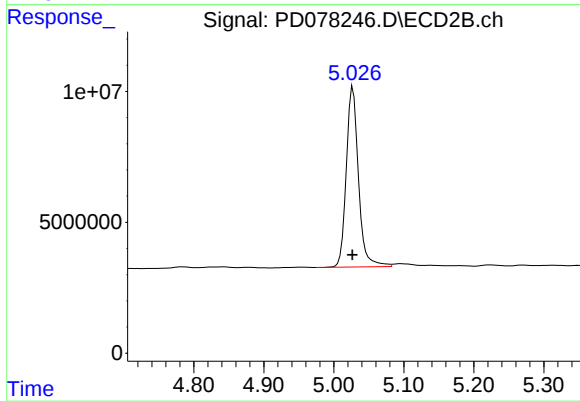
#25 Chlordane-3

R.T.: 4.954 min
Delta R.T.: -0.009 min
Response: 354763
Conc: 1.81 ng/ml



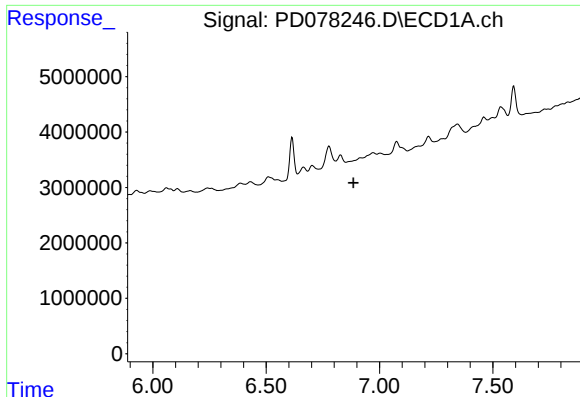
#26 Chlordane-4

R.T.: 6.060 min
Delta R.T.: 0.027 min
Response: 2042990
Conc: 3.32 ng/ml



#26 Chlordane-4

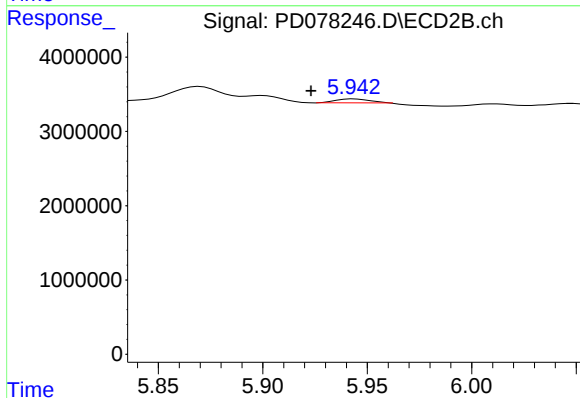
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 83324445
Conc: 440.35 ng/ml



#27 Chlordane-5

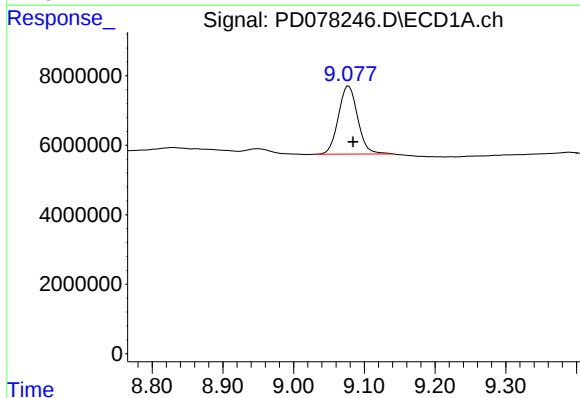
R.T.: 0.000 min
Exp R.T.: 6.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



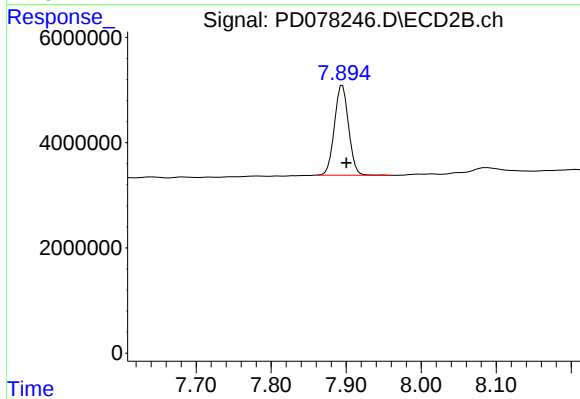
#27 Chlordane-5

R.T.: 5.944 min
Delta R.T.: 0.020 min
Response: 582565
Conc: 9.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: -0.006 min
Response: 37169098
Conc: 12.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: -0.005 min
Response: 22471722
Conc: 13.02 ng/ml