

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
 Data File : PD078609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 15:29
 Operator : AR\AJ
 Sample : 04652-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 21:21:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 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	56459839	38835342	19.558	19.015
28)	SA Decachlor...	9.079	7.895	73559978	42839680	19.835	18.879
Target Compounds							
3)	MA gamma-BHC...	4.361f	3.598	396413	208743	0.085	0.072
4)	MA Heptachlor	4.909	3.937	577398	286407	0.123	0.097
6)	B beta-BHC	4.509f	3.892	257192	331285	0.138	0.287 #
7)	B delta-BHC	4.766	0.000	9269872	0	2.058	N.D. #
8)	B Heptachlo...	5.690	0.000	2016107	0	0.480	N.D. #
9)	A Endosulfan I	0.000	5.057f	0	2417066	N.D.	0.961 #
10)	B gamma-Chl...	5.919f	4.949	2604635	3313841	0.620	1.233 #
11)	B alpha-Chl...	6.005f	5.037	669797	5227690	0.159	1.947 #
12)	B 4,4'-DDE	6.205	0.000	951035	0	0.238	N.D. #
13)	MA Dieldrin	6.363	5.327	723286	671400	0.172	0.241 #
14)	MA Endrin	0.000	5.636f	0	387885	N.D.	0.157 #
17)	MA 4,4'-DDT	7.042	0.000	198225	0	0.067	N.D. #
19)	B Endosulfa...	0.000	6.311	0	1007249	N.D.	0.454 #
21)	B Endrin ke...	7.627f	0.000	504141	0	0.140	N.D. #
22)	Mirex	8.124	0.000	5823427	0	2.180	N.D. #
23)	Chlordane-1	0.000	3.766	0	162956	N.D.	2.240 #
25)	Chlordane-3	5.919f	4.949	2604635	3313841	4.452	12.862 #
26)	Chlordane-4	6.005f	5.037f	669797	5227690	0.947	20.816 #
27)	Chlordane-5	6.879	0.000	126688	0	1.141	N.D. #

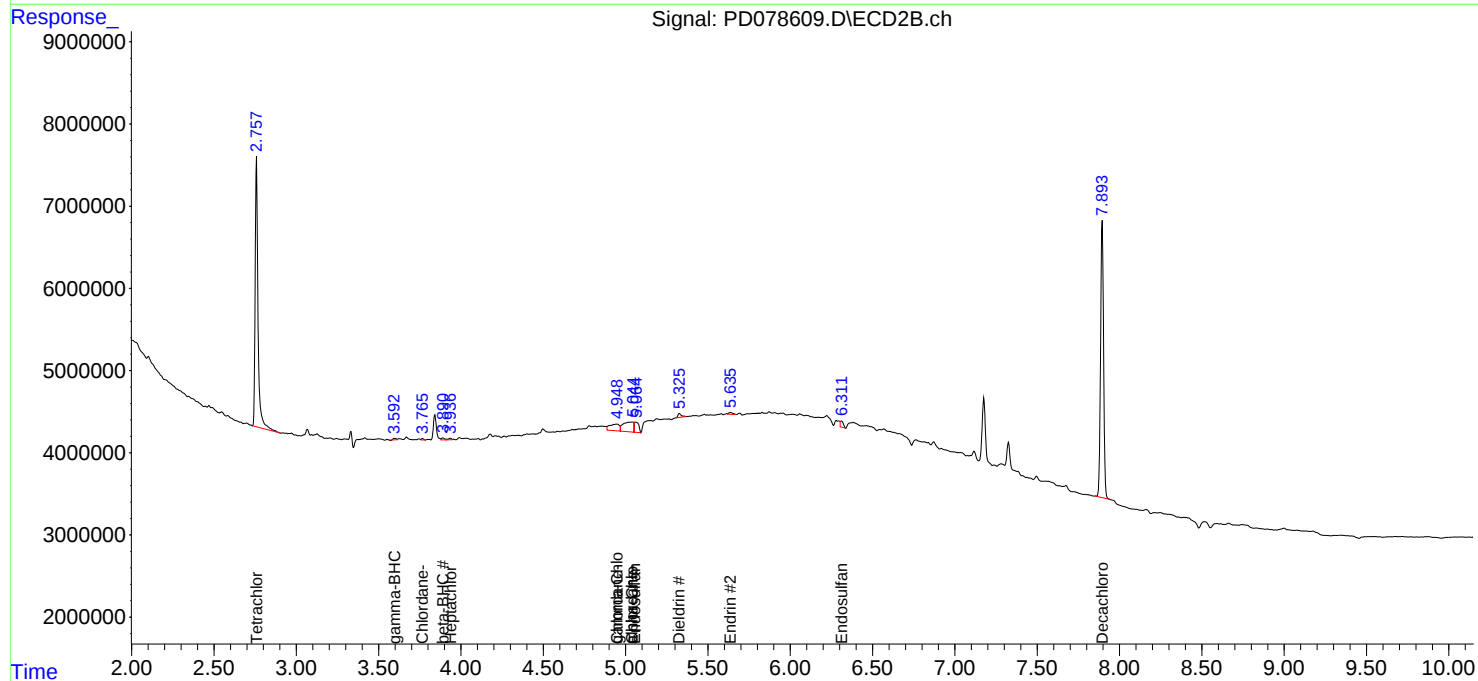
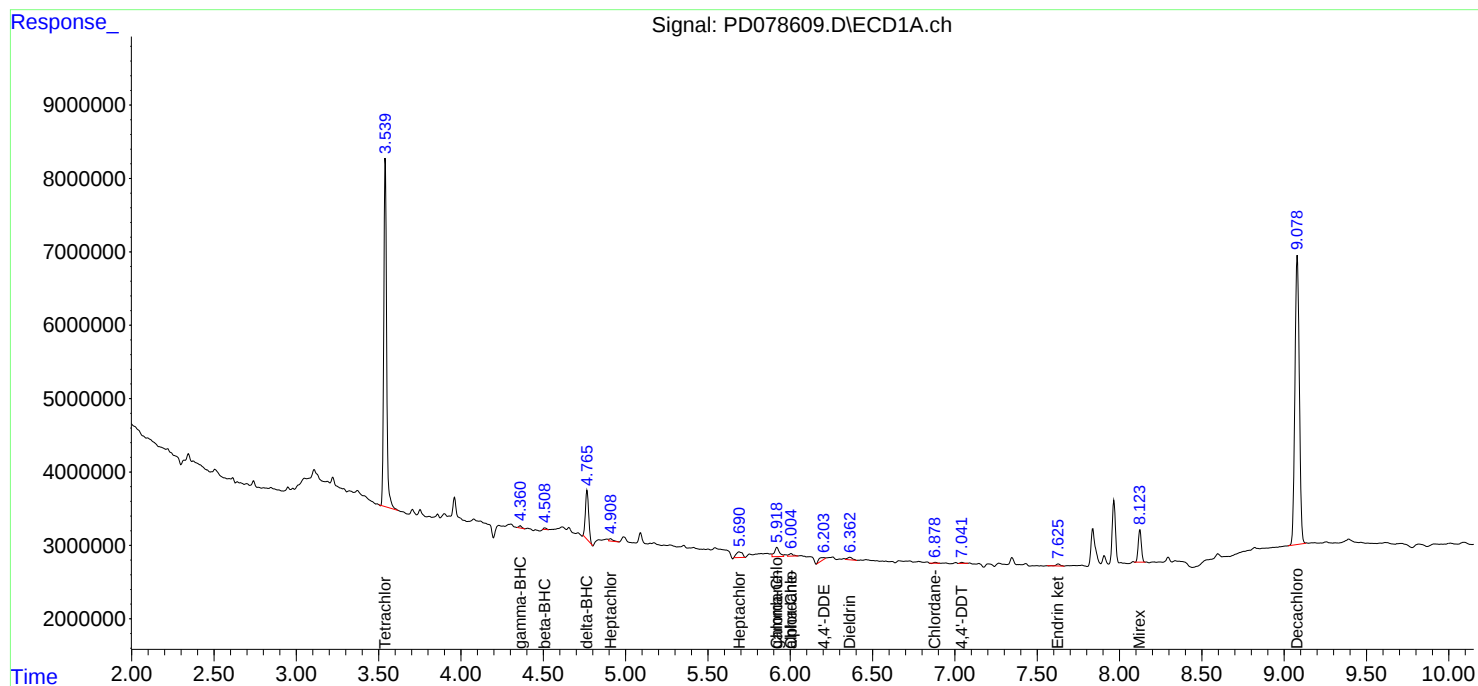
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

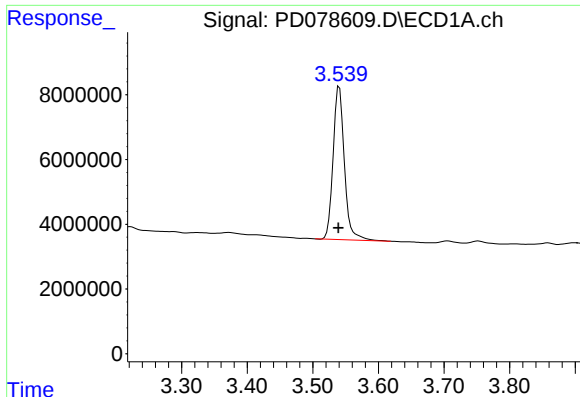
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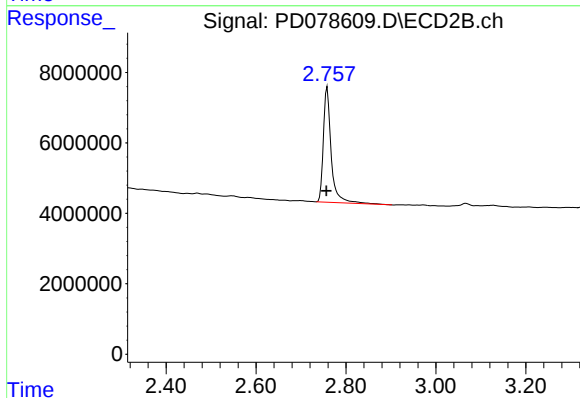




#1 Tetrachloro-m-xylene

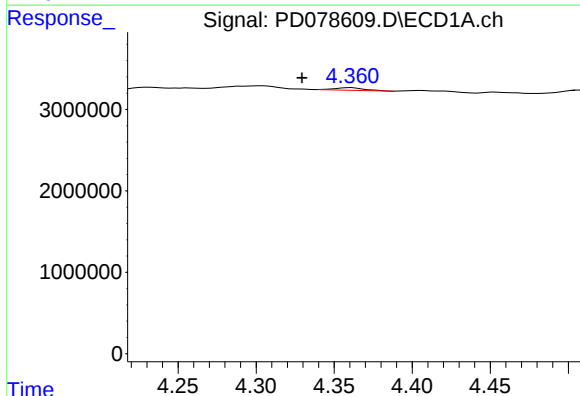
R.T.: 3.540 min
Delta R.T.: 0.001 min
Response: 56459839
Conc: 19.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



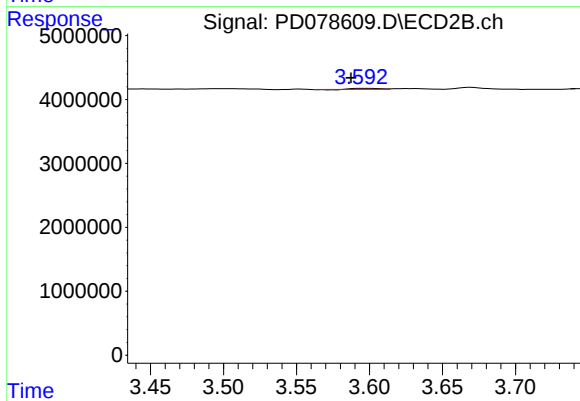
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.001 min
Response: 38835342
Conc: 19.01 ng/ml



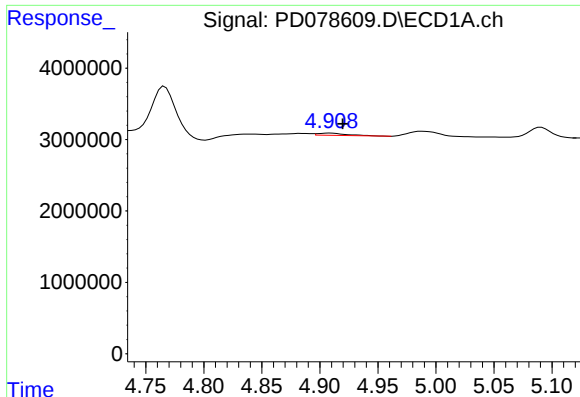
#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.031 min
Response: 396413
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

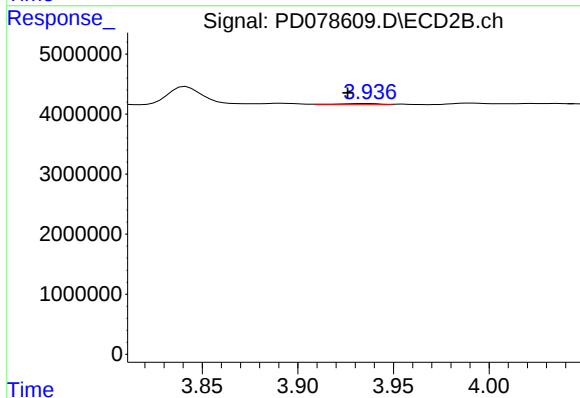
R.T.: 3.598 min
Delta R.T.: 0.010 min
Response: 208743
Conc: 0.07 ng/ml



#4 Heptachlor

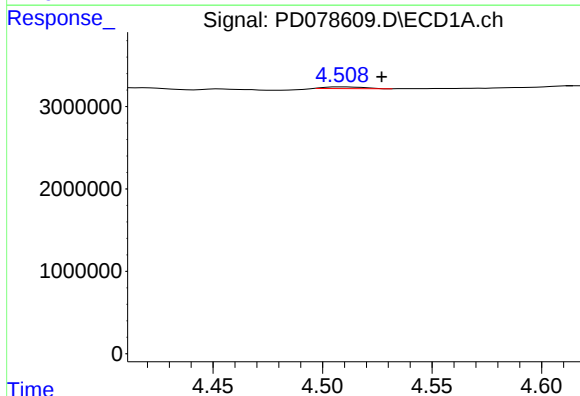
R.T.: 4.909 min
Delta R.T.: -0.011 min
Response: 577398
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



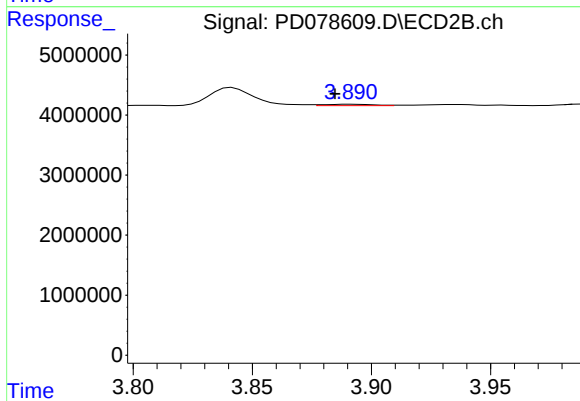
#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.011 min
Response: 286407
Conc: 0.10 ng/ml



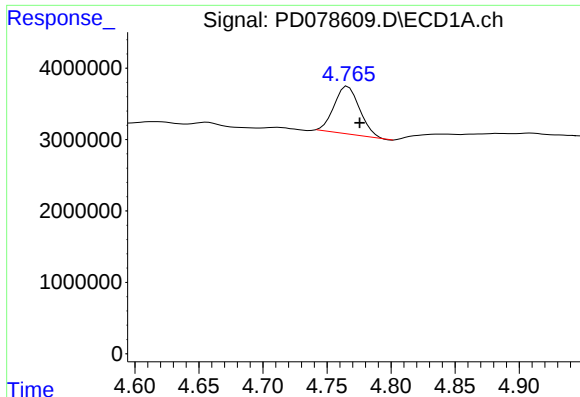
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.018 min
Response: 257192
Conc: 0.14 ng/ml



#6 beta-BHC

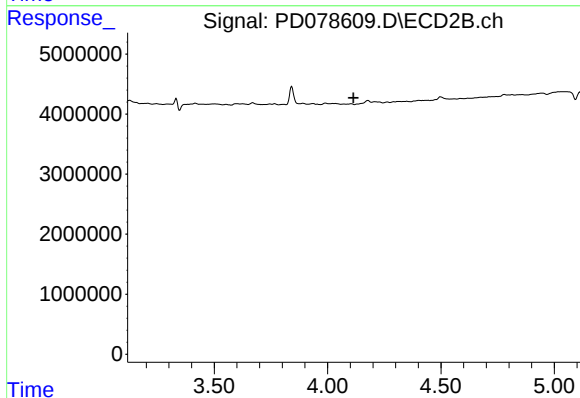
R.T.: 3.892 min
Delta R.T.: 0.007 min
Response: 331285
Conc: 0.29 ng/ml



#7 delta-BHC

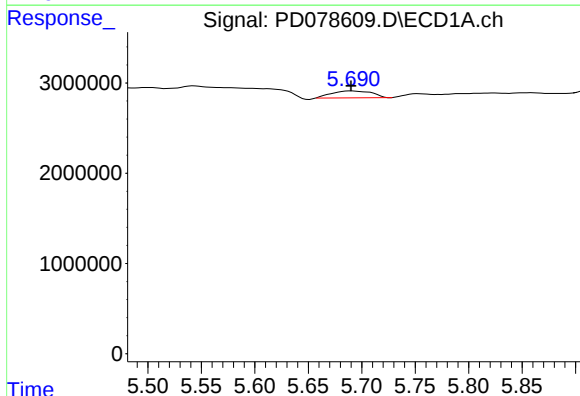
R.T.: 4.766 min
Delta R.T.: -0.009 min
Response: 9269872
Conc: 2.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



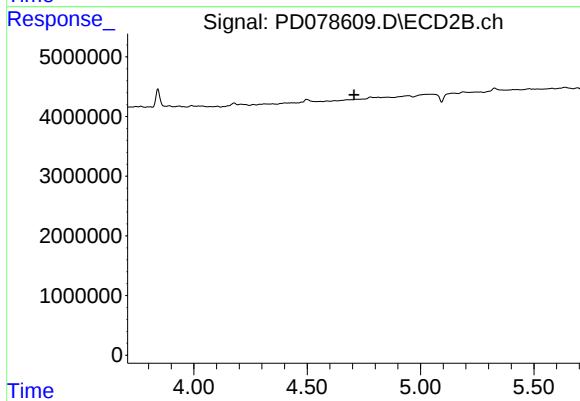
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.114 min
Response: 0
Conc: N.D.



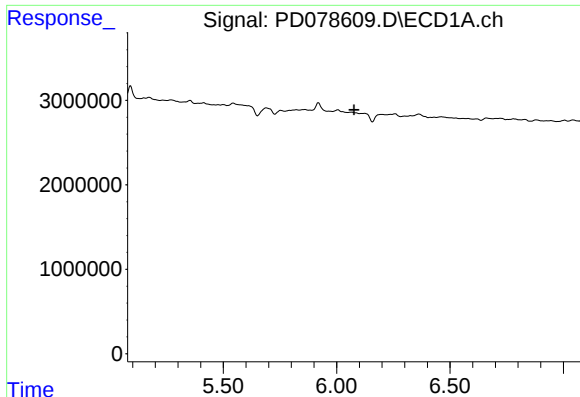
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 2016107
Conc: 0.48 ng/ml



#8 Heptachlor epoxide

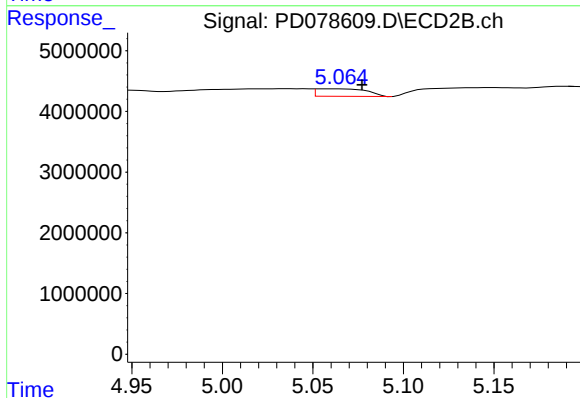
R.T.: 0.000 min
Exp R.T. : 4.707 min
Response: 0
Conc: N.D.



#9 Endosulfan I

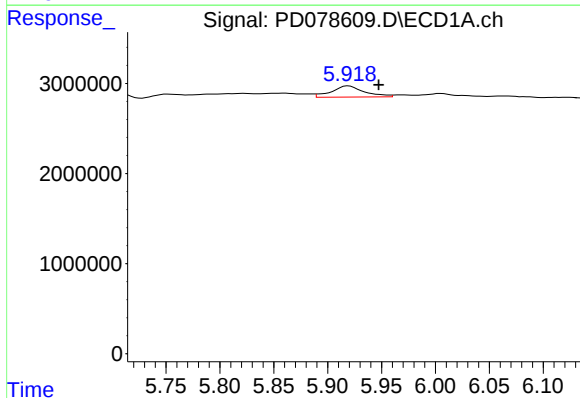
R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



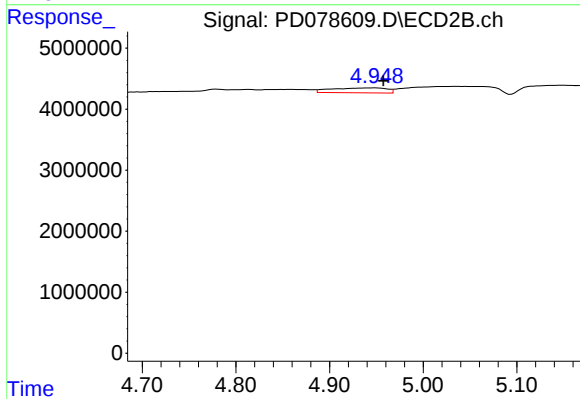
#9 Endosulfan I

R.T.: 5.057 min
Delta R.T.: -0.020 min
Response: 2417066
Conc: 0.96 ng/ml



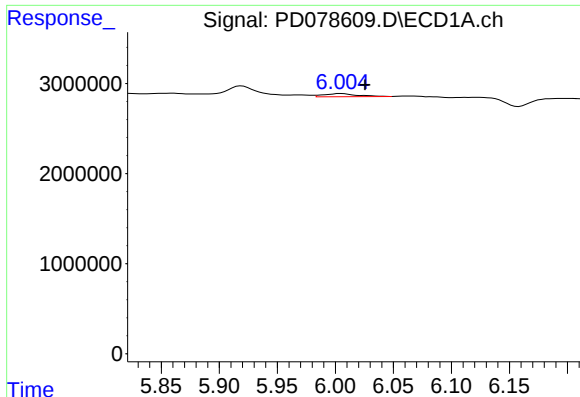
#10 gamma-Chlordane

R.T.: 5.919 min
Delta R.T.: -0.028 min
Response: 2604635
Conc: 0.62 ng/ml



#10 gamma-Chlordane

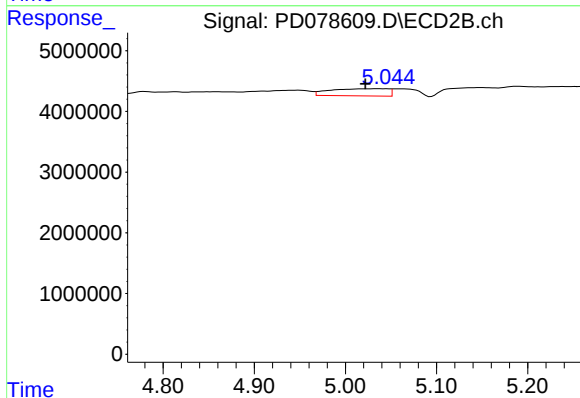
R.T.: 4.949 min
Delta R.T.: -0.009 min
Response: 3313841
Conc: 1.23 ng/ml



#11 alpha-Chlordane

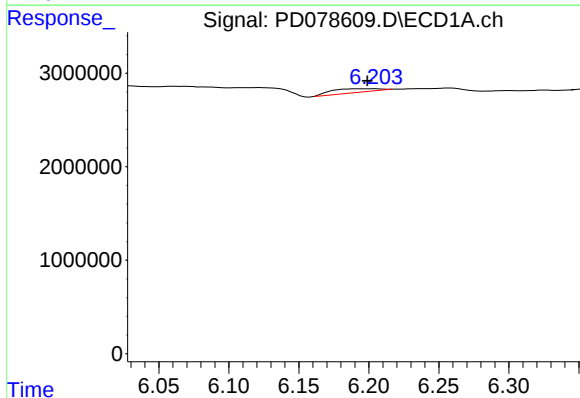
R.T.: 6.005 min
Delta R.T.: -0.020 min
Response: 669797
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



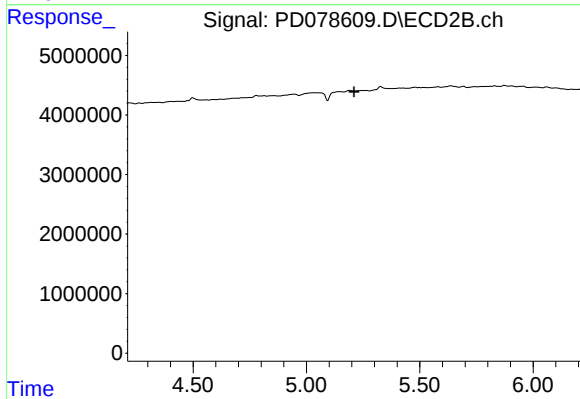
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.015 min
Response: 5227690
Conc: 1.95 ng/ml



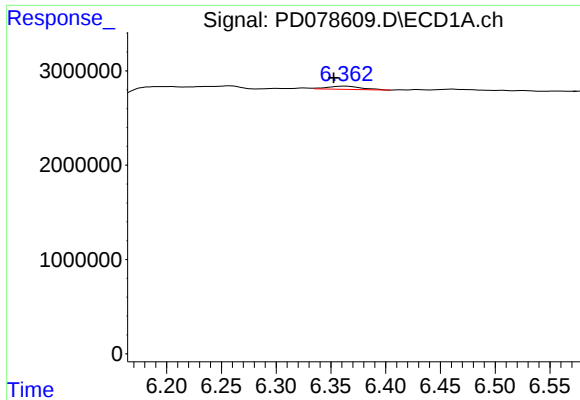
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.006 min
Response: 951035
Conc: 0.24 ng/ml



#12 4,4'-DDE

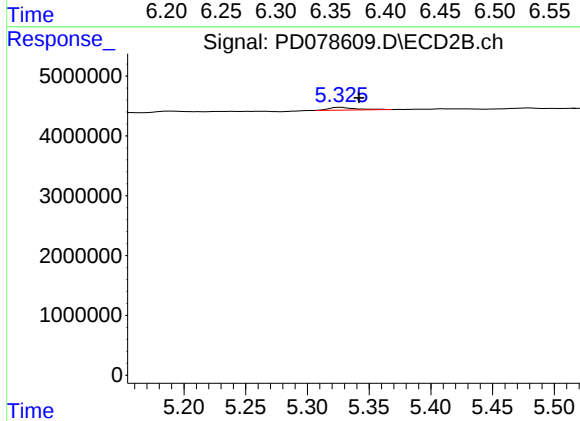
R.T.: 0.000 min
Exp R.T. : 5.210 min
Response: 0
Conc: N.D.



#13 Dieldrin

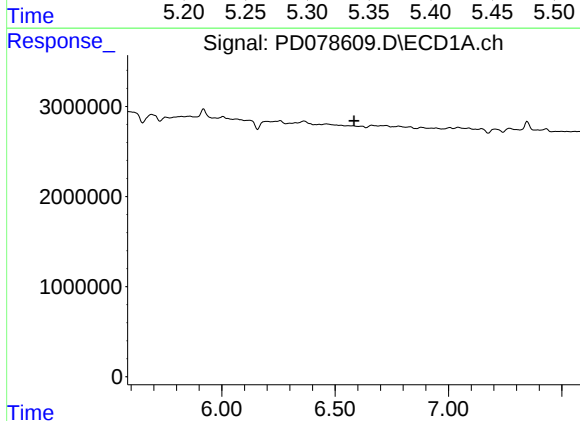
R.T.: 6.363 min
Delta R.T.: 0.010 min
Response: 723286
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



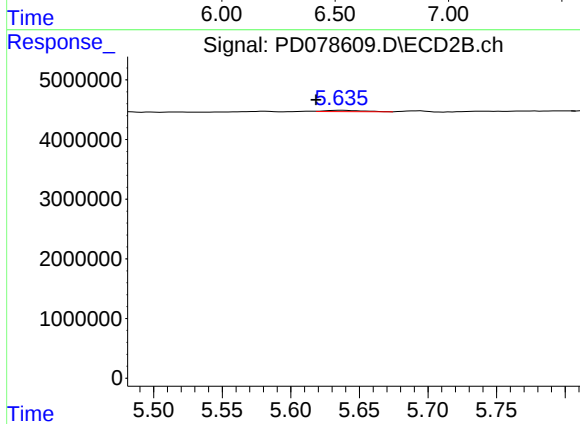
#13 Dieldrin

R.T.: 5.327 min
Delta R.T.: -0.015 min
Response: 671400
Conc: 0.24 ng/ml



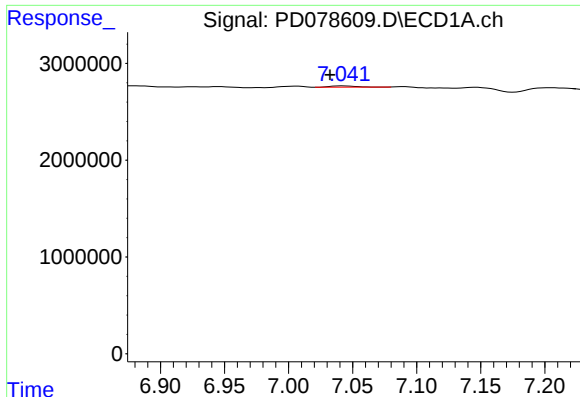
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



#14 Endrin

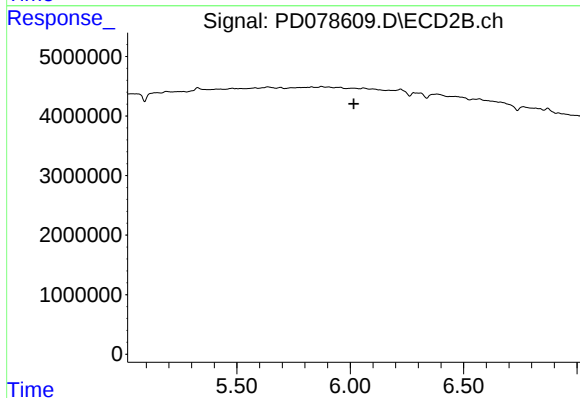
R.T.: 5.636 min
Delta R.T.: 0.018 min
Response: 387885
Conc: 0.16 ng/ml



#17 4,4'-DDT

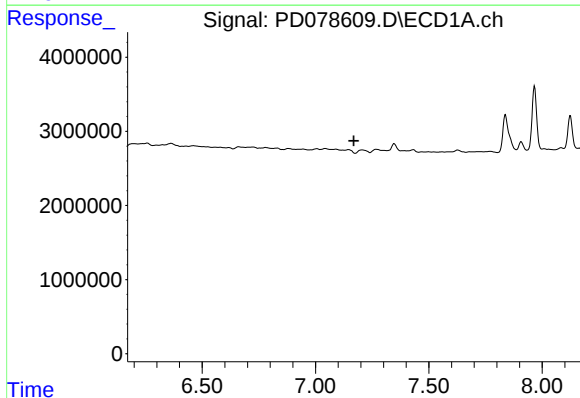
R.T.: 7.042 min
Delta R.T.: 0.010 min
Response: 198225
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



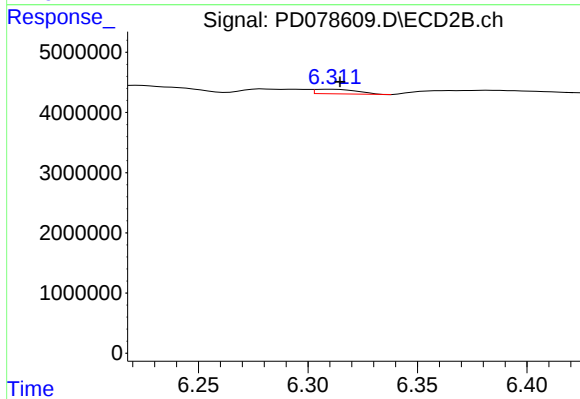
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 6.016 min
Response: 0
Conc: N.D.



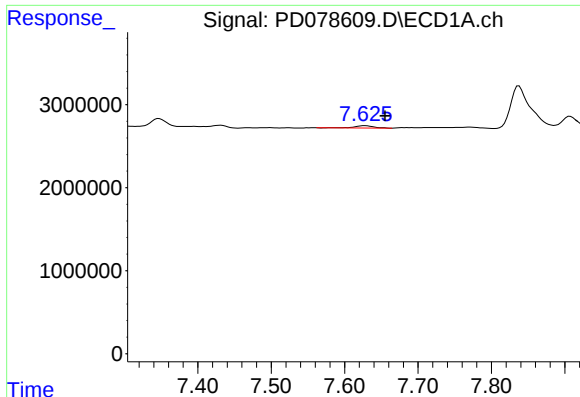
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.169 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

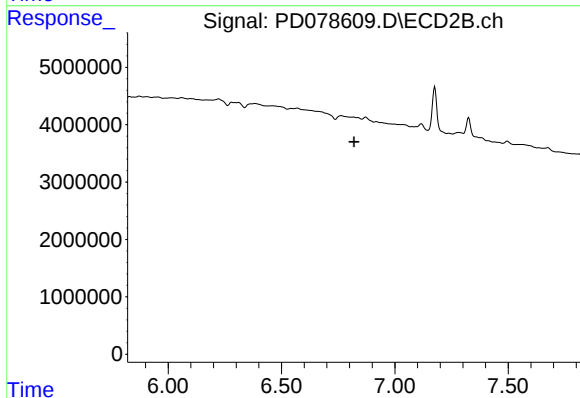
R.T.: 6.311 min
Delta R.T.: -0.003 min
Response: 1007249
Conc: 0.45 ng/ml



#21 Endrin ketone

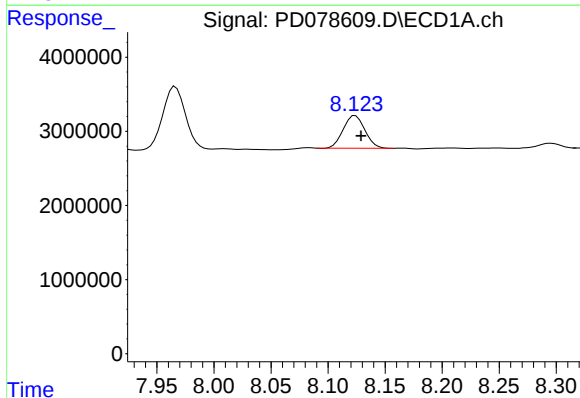
R.T.: 7.627 min
Delta R.T.: -0.028 min
Response: 504141
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



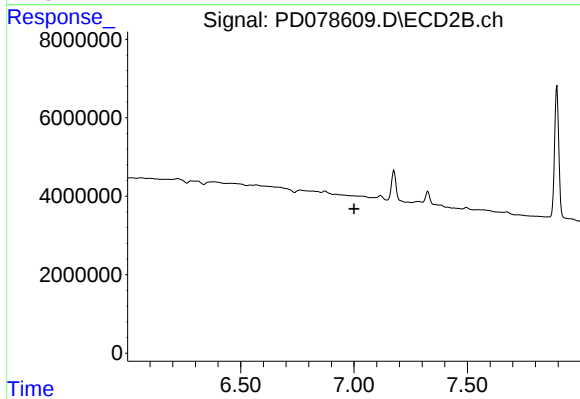
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.820 min
Response: 0
Conc: N.D.



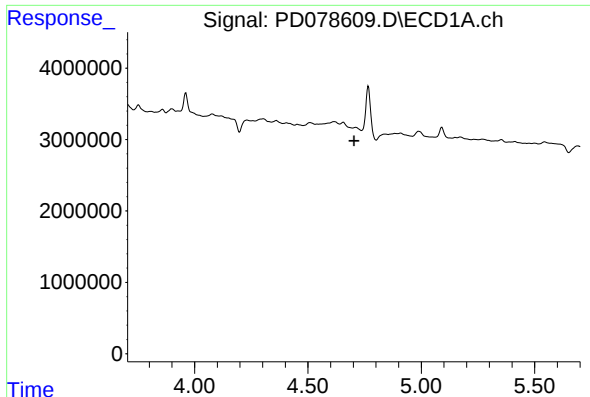
#22 Mirex

R.T.: 8.124 min
Delta R.T.: -0.005 min
Response: 5823427
Conc: 2.18 ng/ml



#22 Mirex

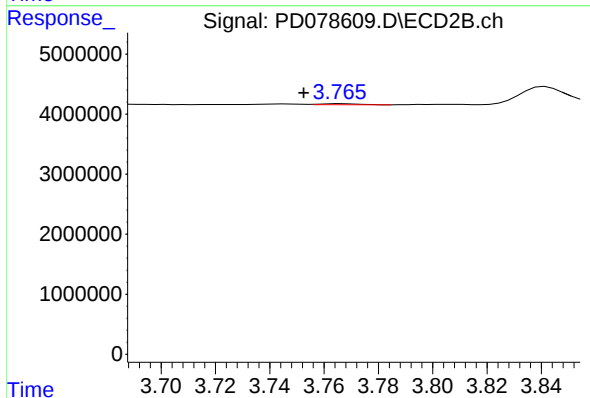
R.T.: 0.000 min
Exp R.T. : 7.001 min
Response: 0
Conc: N.D.



#23 Chlordane-1

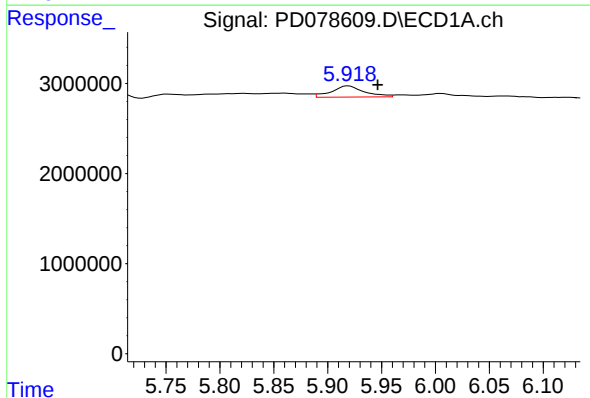
R.T.: 0.000 min
Exp R.T.: 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



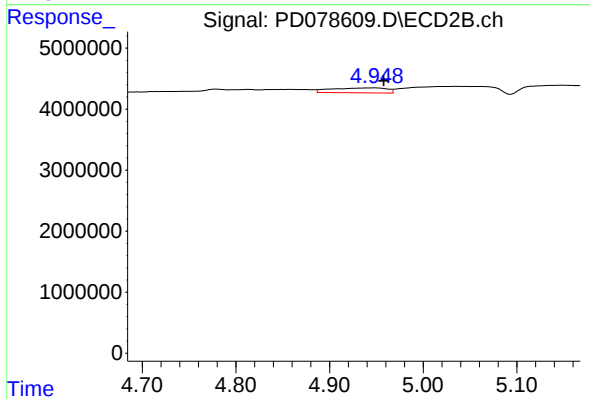
#23 Chlordane-1

R.T.: 3.766 min
Delta R.T.: 0.013 min
Response: 162956
Conc: 2.24 ng/ml



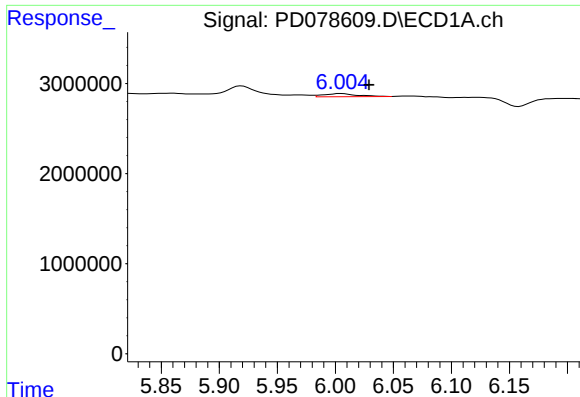
#25 Chlordane-3

R.T.: 5.919 min
Delta R.T.: -0.027 min
Response: 2604635
Conc: 4.45 ng/ml



#25 Chlordane-3

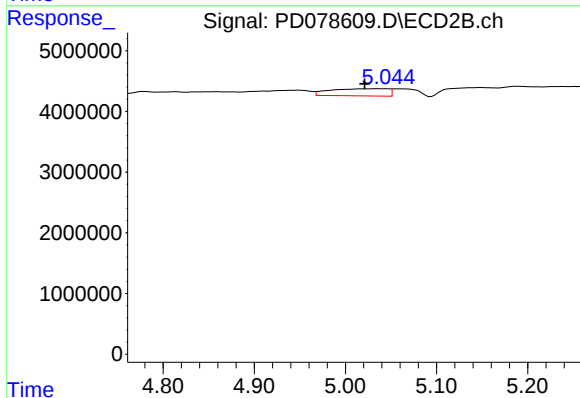
R.T.: 4.949 min
Delta R.T.: -0.009 min
Response: 3313841
Conc: 12.86 ng/ml



#26 Chlordane-4

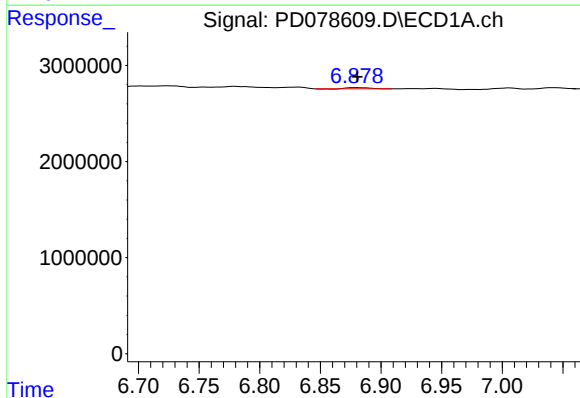
R.T.: 6.005 min
Delta R.T.: -0.024 min
Response: 669797
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



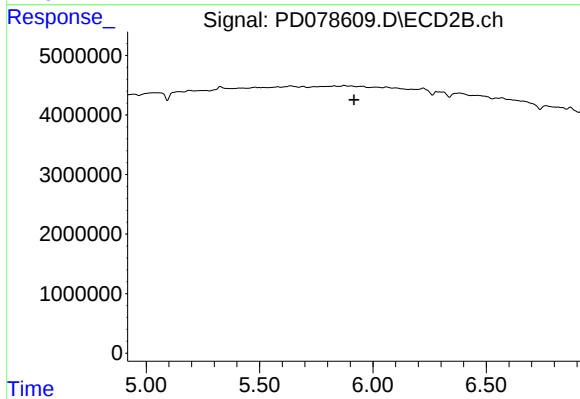
#26 Chlordane-4

R.T.: 5.037 min
Delta R.T.: 0.015 min
Response: 5227690
Conc: 20.82 ng/ml



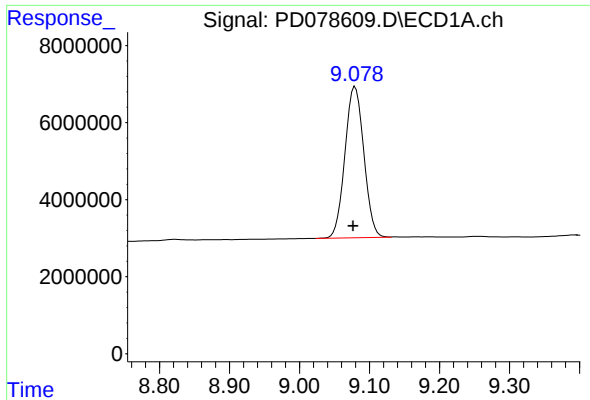
#27 Chlordane-5

R.T.: 6.879 min
Delta R.T.: -0.001 min
Response: 126688
Conc: 1.14 ng/ml



#27 Chlordane-5

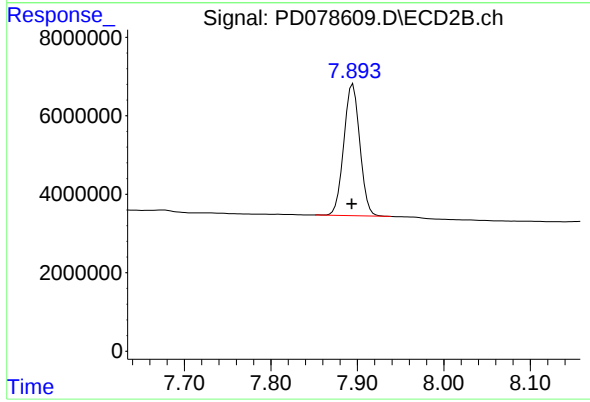
R.T.: 0.000 min
Exp R.T. : 5.917 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: 0.003 min
Response: 73559978
Conc: 19.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: 0.002 min
Response: 42839680
Conc: 18.88 ng/ml