

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012119\
 Data File : PD051147.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jan 2019 17:37
 Operator : AJ\SJ
 Sample : K1015-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SU-01-011719-A

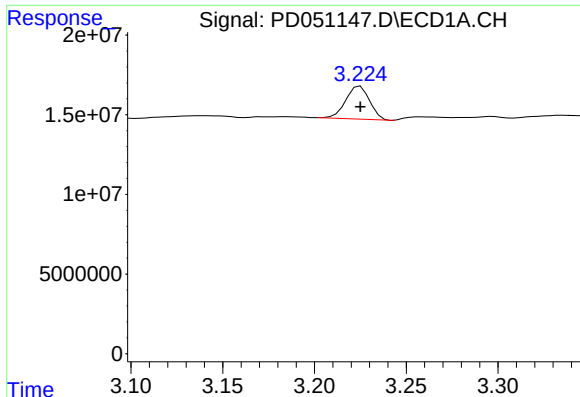
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 02:44:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012119.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 22 02:36:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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...	3.225	4.044	18752597	248.8E6	10.488	8.447
28)	SA Decachlor...	7.827	9.158	14758282	178.8E6	9.364	10.047
Target Compounds							
2)	A alpha-BHC	3.660	4.451	384033	101.0E6	0.130	2.278 #
3)	MA gamma-BHC...	3.892	4.739	570449	120.8E6	0.204	3.018 #
4)	MA Heptachlor	4.186	5.213	1623305	272.6E6	0.563	7.011 #
5)	MB Aldrin	4.425	5.545	4656631	68962392	1.664	1.904
6)	B beta-BHC	4.186	4.916	1623305	743.5E6	1.468	42.960 #
7)	B delta-BHC	0.000	5.108	0	27054752	N.D.	0.870 #
8)	B Heptachlo...	4.892f	5.954	933386	114.0E6	0.345	3.408 #
9)	A Endosulfan I	5.188	6.286	6011752	126.1E6	2.306	4.241 #
10)	B gamma-Chl...	5.088	6.172	13345602	808.4E6	4.605	23.713 #
11)	B alpha-Chl...	5.123	6.241	17803101	645.7E6	6.338	19.827 #
12)	B 4,4'-DDE	5.294	6.390	7018699	344.2E6	2.510	10.602 #
13)	MA Dieldrin	5.410	6.555	8848212	66211964	2.936	2.038 #
14)	MA Endrin	5.667	6.713f	1185108	30300223	0.426	1.129 #
15)	B Endosulfa...	5.926	6.969	2127201	47033329	0.797	1.739 #
16)	A 4,4'-DDD	5.794	6.887	870071	37834235	0.354	1.426 #
17)	MA 4,4'-DDT	6.025	7.187	2131481	33162374	0.863	1.474 #
18)	B Endrin al...	6.025f	7.038f	2131481	4783938	1.007	0.228 #
19)	B Endosulfa...	6.333	0.000	603646	0	0.256	N.D. #
20)	A Methoxychlor	6.579	0.000	37268	0	0.030	N.D. #
21)	B Endrin ke...	6.709f	0.000	625804	0	0.233	N.D. #
23)	Chlordane-1	4.048	5.052	12891628	54435317	135.134	33.586 #
24)	Chlordane-2	4.527	5.545	6991046	68962392	71.716	57.612
25)	Chlordane-3	5.088	6.172	13345602	808.4E6	41.718	173.428 #
26)	Chlordane-4	5.123	6.241	17803101	645.7E6	57.636	122.051 #
27)	Chlordane-5	5.926	7.038	2127201	4783938	19.066	4.751 #

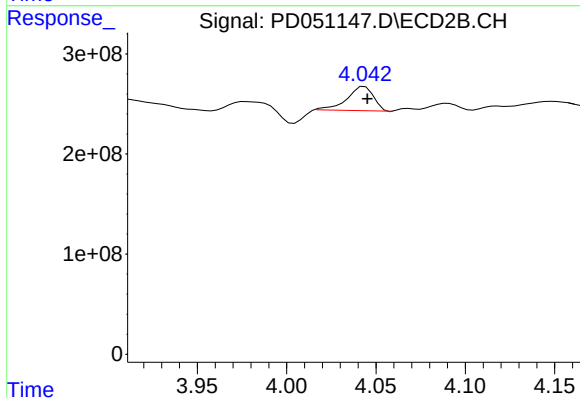
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

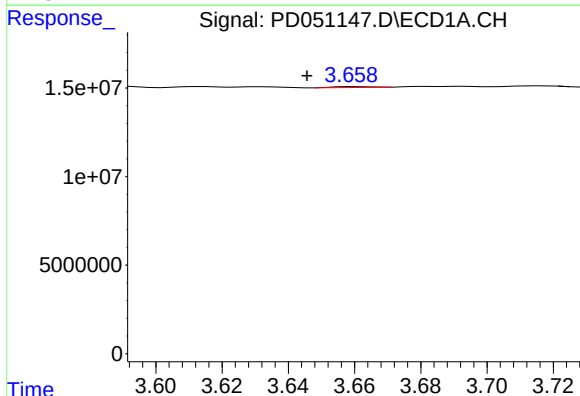
R.T.: 3.225 min
Delta R.T.: 0.000 min
Response: 18752597
Conc: 10.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
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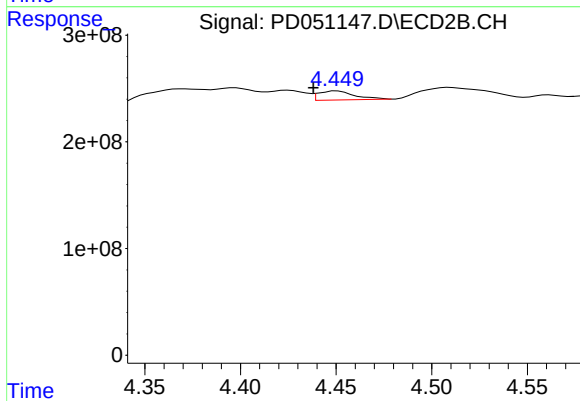
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.001 min
Response: 248793658
Conc: 8.45 ng/ml



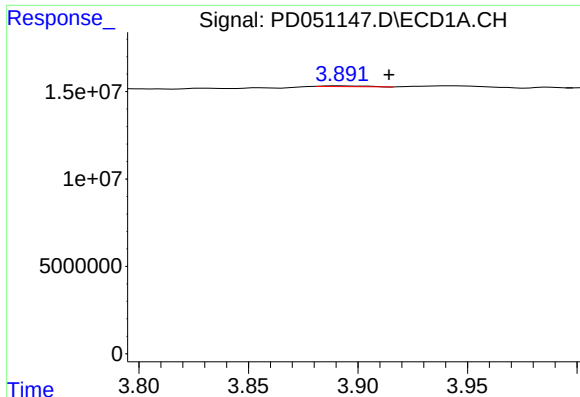
#2 alpha-BHC

R.T.: 3.660 min
Delta R.T.: 0.014 min
Response: 384033
Conc: 0.13 ng/ml



#2 alpha-BHC

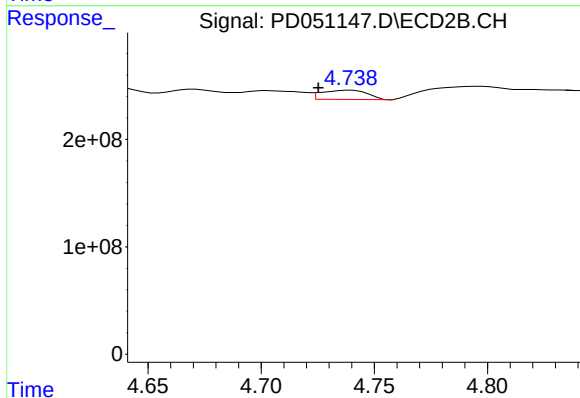
R.T.: 4.451 min
Delta R.T.: 0.012 min
Response: 100994684
Conc: 2.28 ng/ml



#3 gamma-BHC (Lindane)

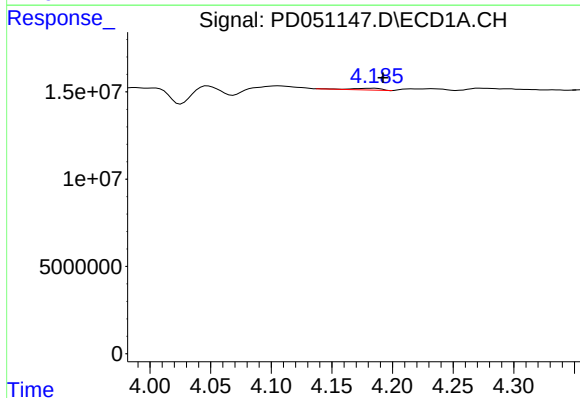
R.T.: 3.892 min
Delta R.T.: -0.023 min
Response: 570449
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-01-011719-A



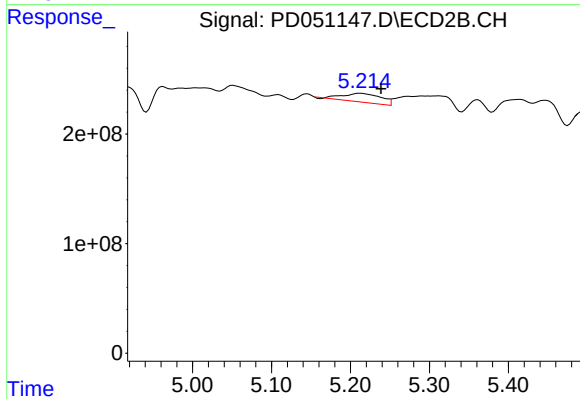
#3 gamma-BHC (Lindane)

R.T.: 4.739 min
Delta R.T.: 0.014 min
Response: 120802669
Conc: 3.02 ng/ml



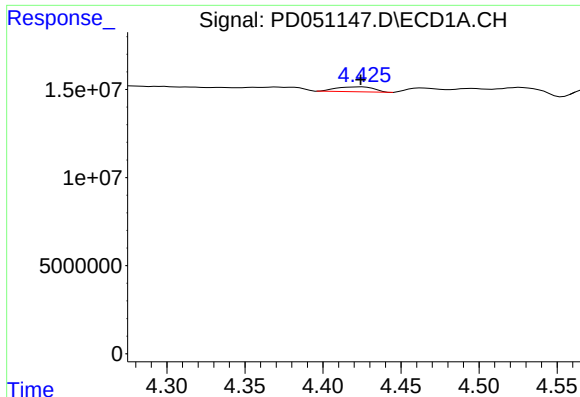
#4 Heptachlor

R.T.: 4.186 min
Delta R.T.: -0.006 min
Response: 1623305
Conc: 0.56 ng/ml



#4 Heptachlor

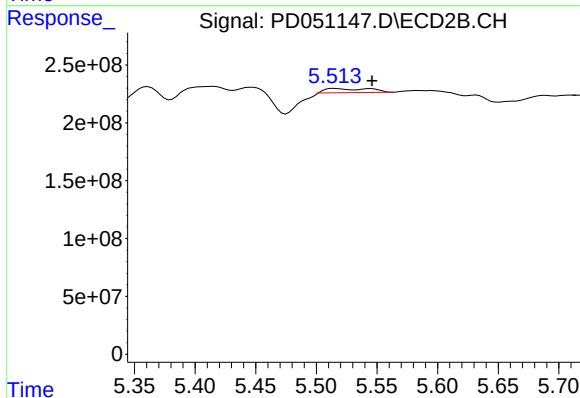
R.T.: 5.213 min
Delta R.T.: -0.026 min
Response: 272610585
Conc: 7.01 ng/ml



#5 Aldrin

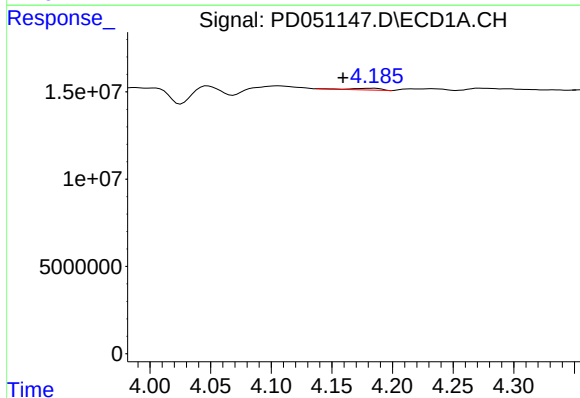
R.T.: 4.425 min
Delta R.T.: 0.001 min
Response: 4656631
Conc: 1.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-01-011719-A



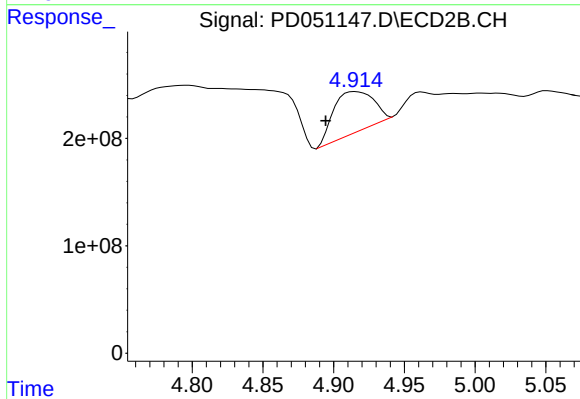
#5 Aldrin

R.T.: 5.545 min
Delta R.T.: -0.001 min
Response: 68962392
Conc: 1.90 ng/ml



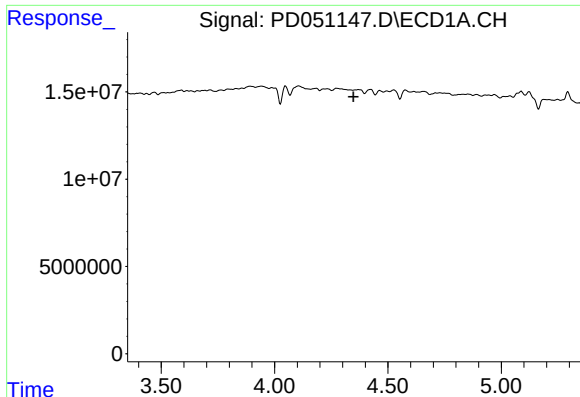
#6 beta-BHC

R.T.: 4.186 min
Delta R.T.: 0.026 min
Response: 1623305
Conc: 1.47 ng/ml



#6 beta-BHC

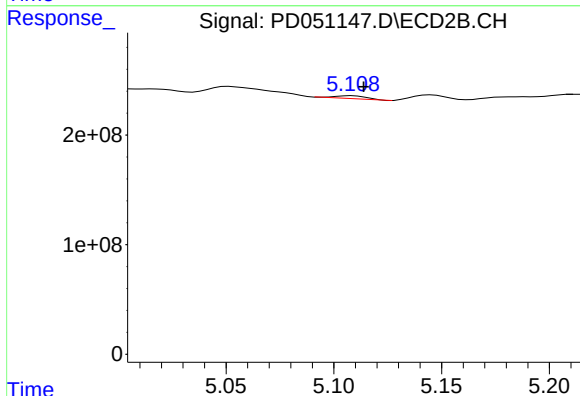
R.T.: 4.916 min
Delta R.T.: 0.021 min
Response: 743502761
Conc: 42.96 ng/ml



#7 delta-BHC

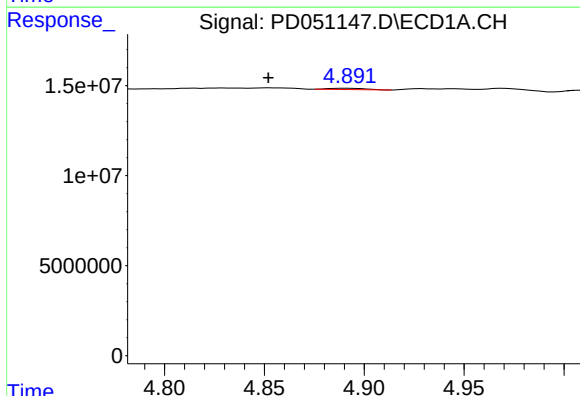
R.T.: 0.000 min
Exp R.T.: 4.349 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SU-01-011719-A



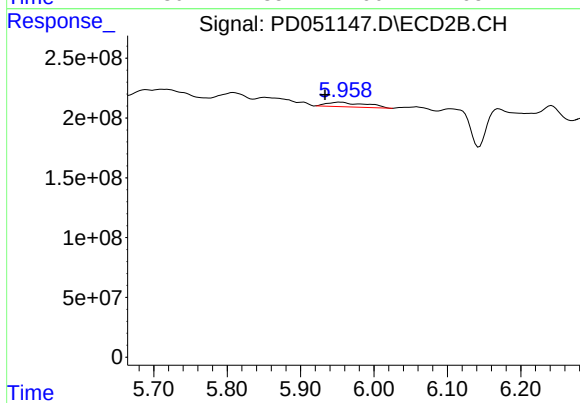
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.006 min
Response: 27054752
Conc: 0.87 ng/ml



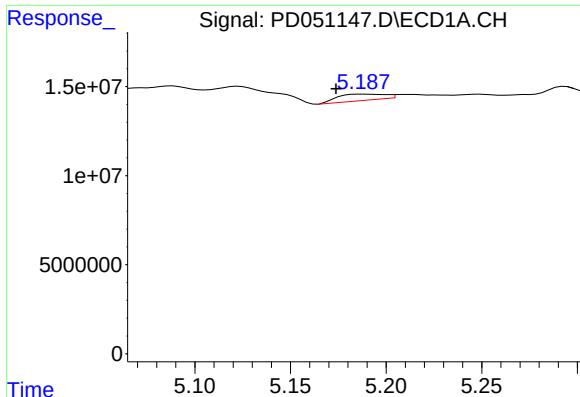
#8 Heptachlor epoxide

R.T.: 4.892 min
Delta R.T.: 0.040 min
Response: 933386
Conc: 0.35 ng/ml



#8 Heptachlor epoxide

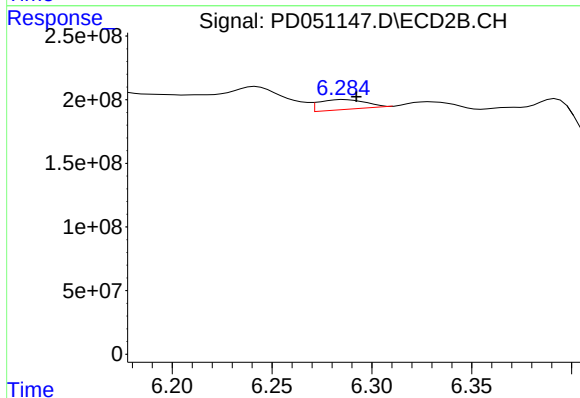
R.T.: 5.954 min
Delta R.T.: 0.020 min
Response: 114048192
Conc: 3.41 ng/ml



#9 Endosulfan I

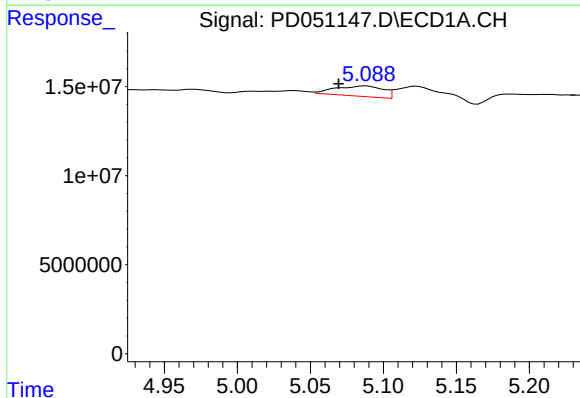
R.T.: 5.188 min
Delta R.T.: 0.014 min
Response: 6011752
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-01-011719-A



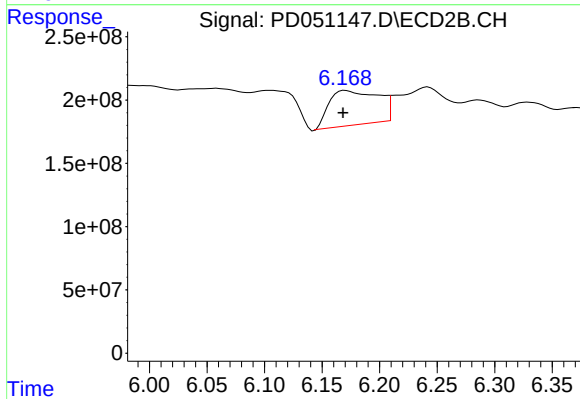
#9 Endosulfan I

R.T.: 6.286 min
Delta R.T.: -0.006 min
Response: 126109350
Conc: 4.24 ng/ml



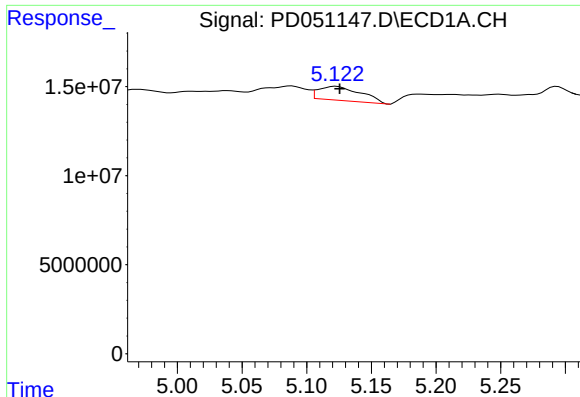
#10 gamma-Chlordane

R.T.: 5.088 min
Delta R.T.: 0.019 min
Response: 13345602
Conc: 4.61 ng/ml



#10 gamma-Chlordane

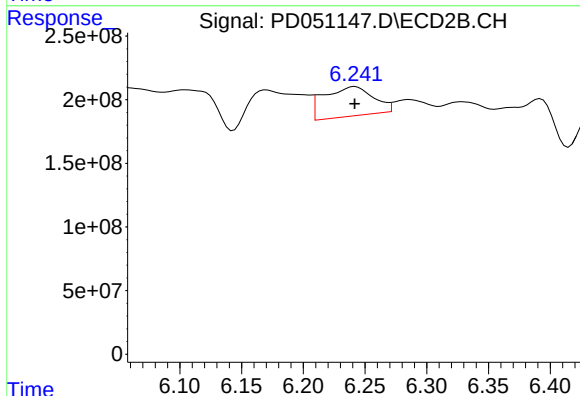
R.T.: 6.172 min
Delta R.T.: 0.003 min
Response: 808404070
Conc: 23.71 ng/ml



#11 alpha-Chlordane

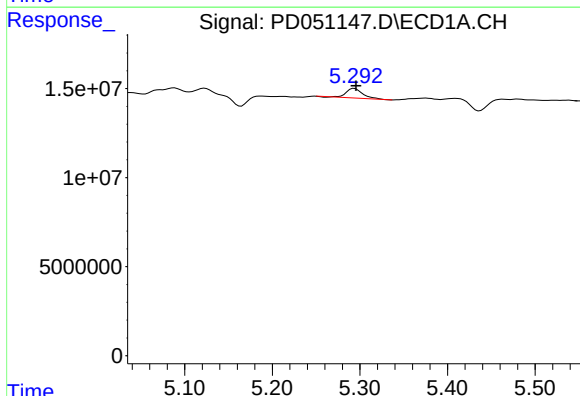
R.T.: 5.123 min
Delta R.T.: -0.002 min
Response: 17803101
Conc: 6.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-01-011719-A



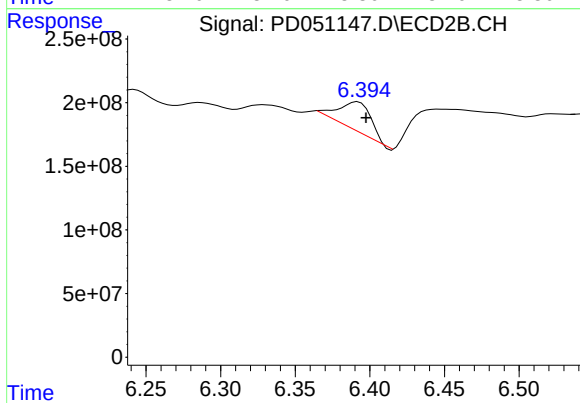
#11 alpha-Chlordane

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 645677350
Conc: 19.83 ng/ml



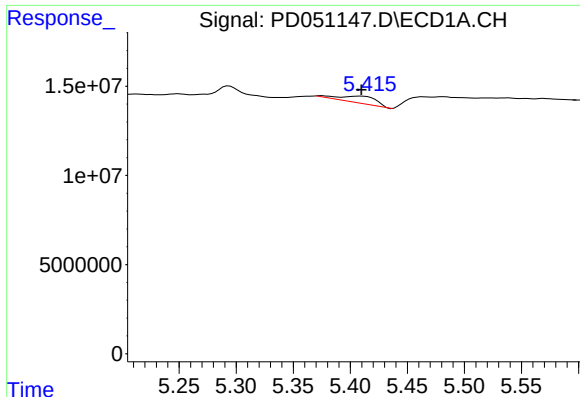
#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.002 min
Response: 7018699
Conc: 2.51 ng/ml



#12 4,4'-DDE

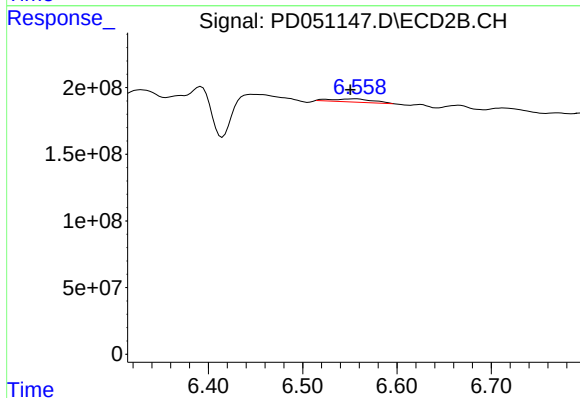
R.T.: 6.390 min
Delta R.T.: -0.007 min
Response: 344232483
Conc: 10.60 ng/ml



#13 Dieldrin

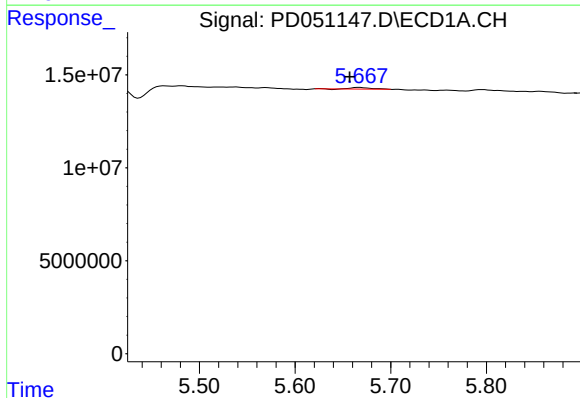
R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 8848212
Conc: 2.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-01-011719-A



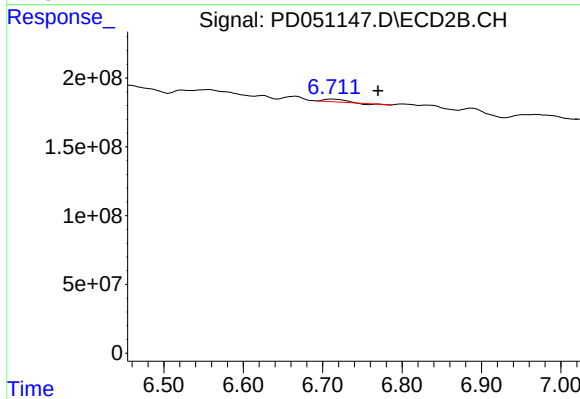
#13 Dieldrin

R.T.: 6.555 min
Delta R.T.: 0.004 min
Response: 66211964
Conc: 2.04 ng/ml



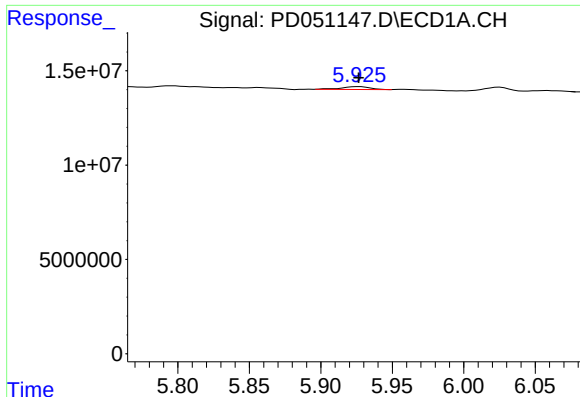
#14 Endrin

R.T.: 5.667 min
Delta R.T.: 0.010 min
Response: 1185108
Conc: 0.43 ng/ml



#14 Endrin

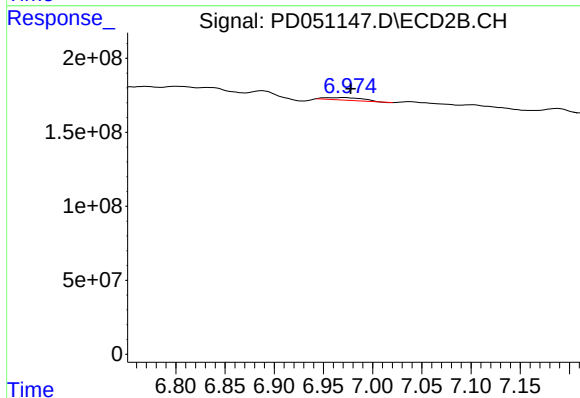
R.T.: 6.713 min
Delta R.T.: -0.057 min
Response: 30300223
Conc: 1.13 ng/ml



#15 Endosulfan II

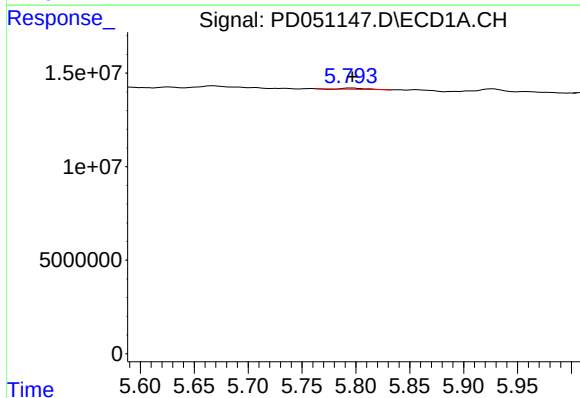
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 2127201
Conc: 0.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-01-011719-A



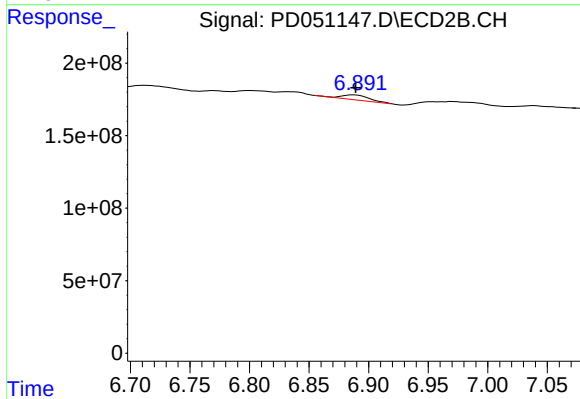
#15 Endosulfan II

R.T.: 6.969 min
Delta R.T.: -0.009 min
Response: 47033329
Conc: 1.74 ng/ml



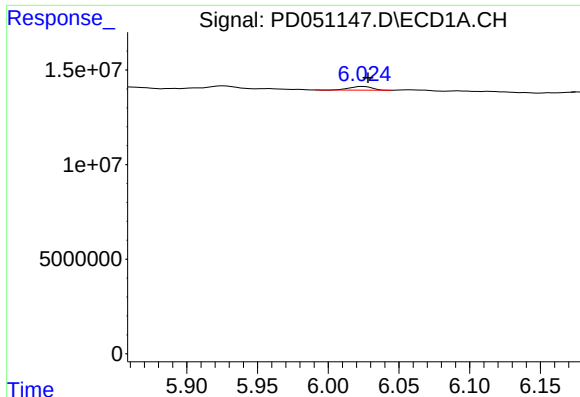
#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 870071
Conc: 0.35 ng/ml



#16 4,4'-DDD

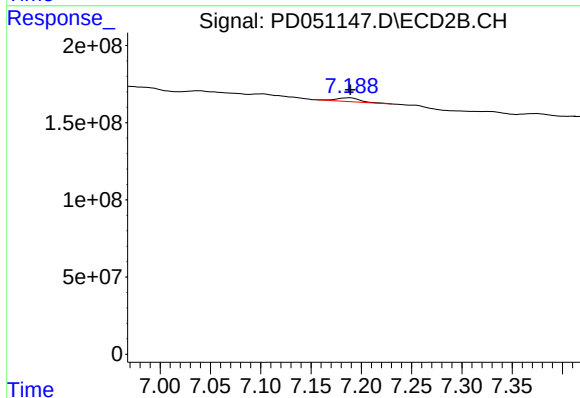
R.T.: 6.887 min
Delta R.T.: -0.002 min
Response: 37834235
Conc: 1.43 ng/ml



#17 4,4'-DDT

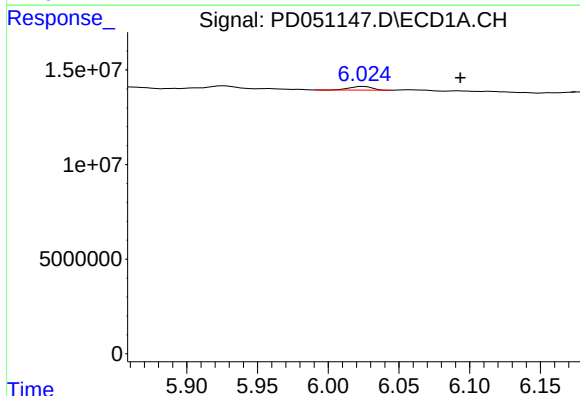
R.T.: 6.025 min
Delta R.T.: -0.003 min
Response: 2131481
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
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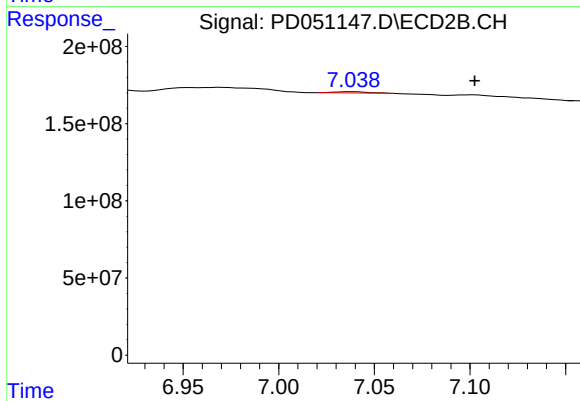
#17 4,4'-DDT

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 33162374
Conc: 1.47 ng/ml



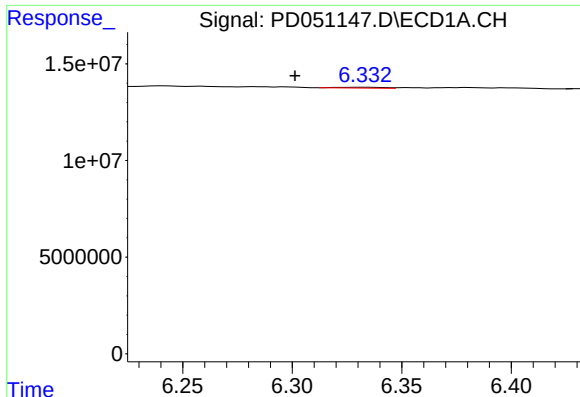
#18 Endrin aldehyde

R.T.: 6.025 min
Delta R.T.: -0.068 min
Response: 2131481
Conc: 1.01 ng/ml



#18 Endrin aldehyde

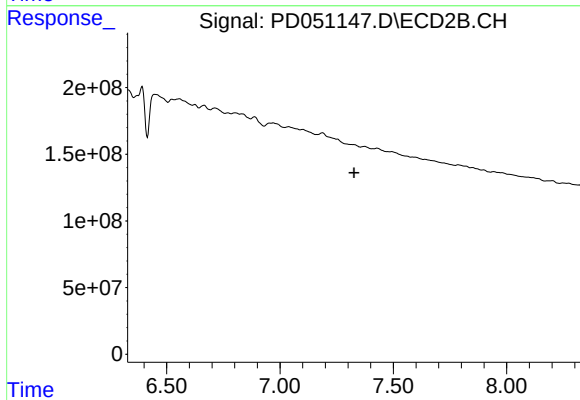
R.T.: 7.038 min
Delta R.T.: -0.065 min
Response: 4783938
Conc: 0.23 ng/ml



#19 Endosulfan Sulfate

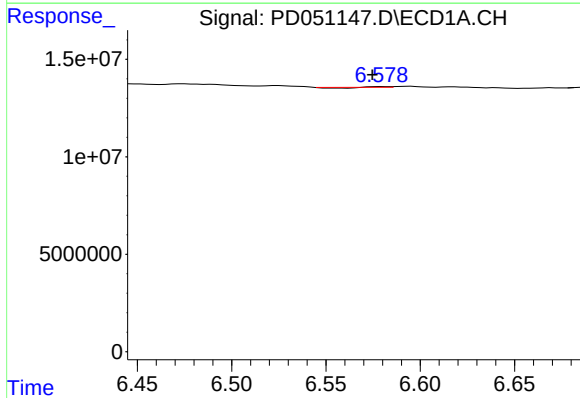
R.T.: 6.333 min
Delta R.T.: 0.032 min
Response: 603646
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-01-011719-A



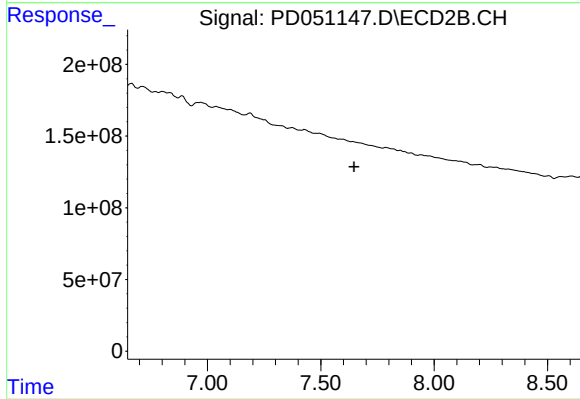
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.327 min
Response: 0
Conc: N.D.



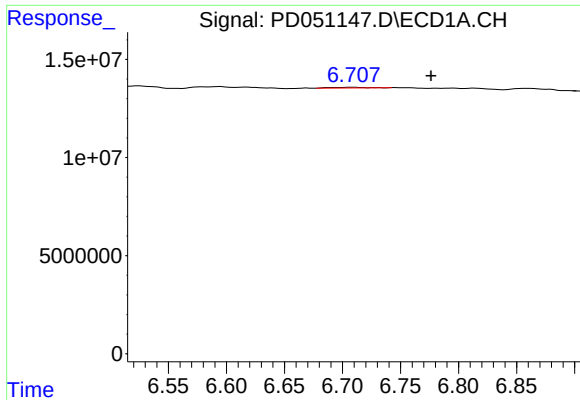
#20 Methoxychlor

R.T.: 6.579 min
Delta R.T.: 0.005 min
Response: 37268
Conc: 0.03 ng/ml



#20 Methoxychlor

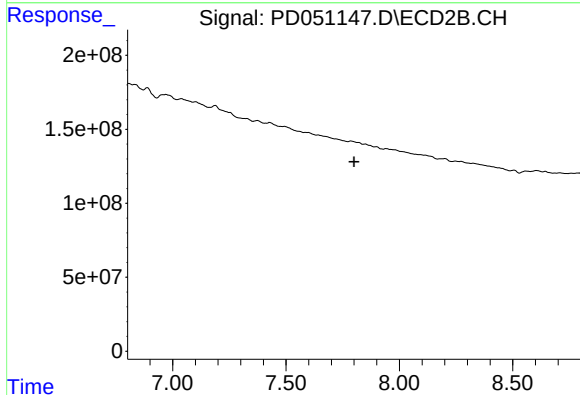
R.T.: 0.000 min
Exp R.T. : 7.648 min
Response: 0
Conc: N.D.



#21 Endrin ketone

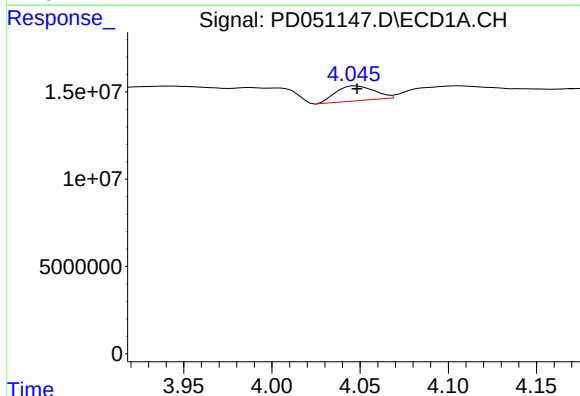
R.T.: 6.709 min
Delta R.T.: -0.068 min
Response: 625804
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-01-011719-A



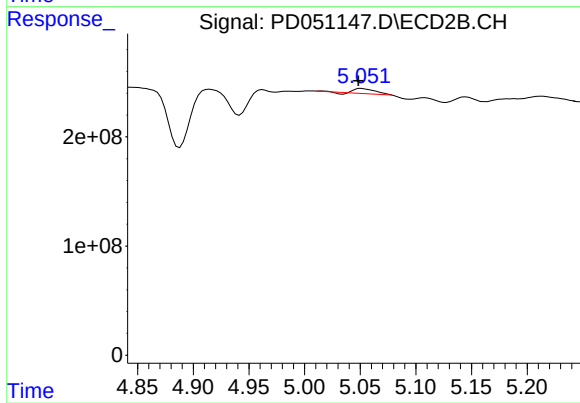
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T.: 7.800 min
Response: 0
Conc: N.D.



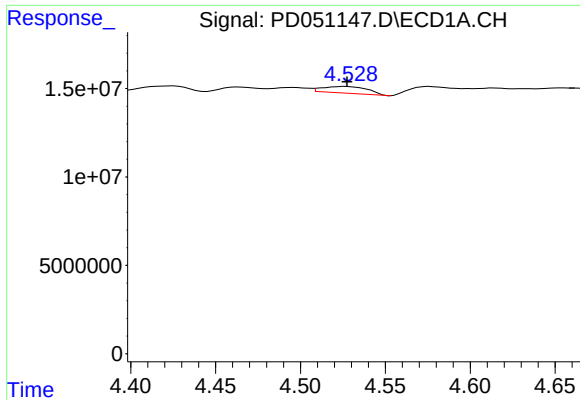
#23 Chlordane-1

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 12891628
Conc: 135.13 ng/ml



#23 Chlordane-1

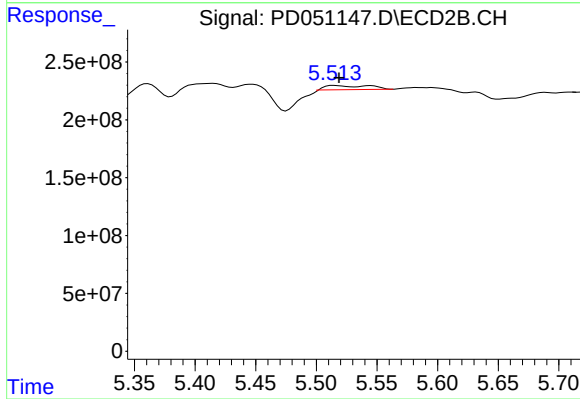
R.T.: 5.052 min
Delta R.T.: 0.003 min
Response: 54435317
Conc: 33.59 ng/ml



#24 Chlordane-2

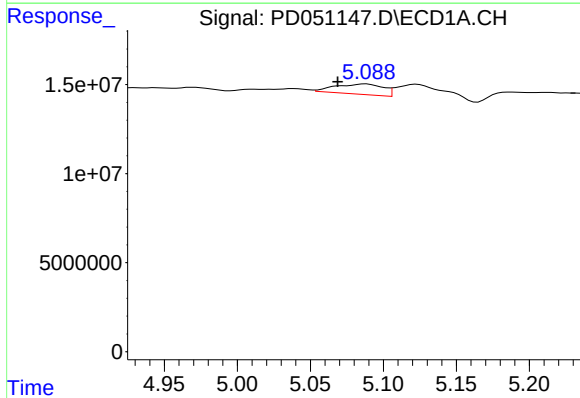
R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 6991046
Conc: 71.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-01-011719-A



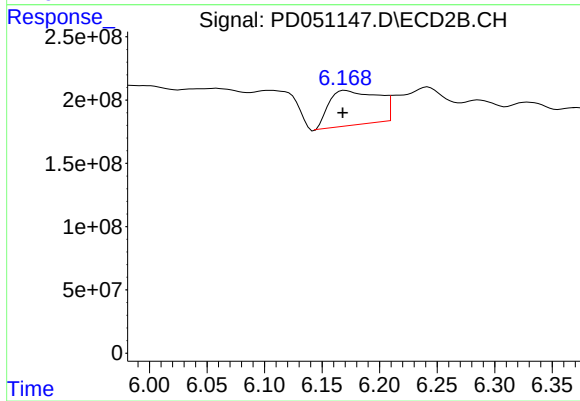
#24 Chlordane-2

R.T.: 5.545 min
Delta R.T.: 0.026 min
Response: 68962392
Conc: 57.61 ng/ml



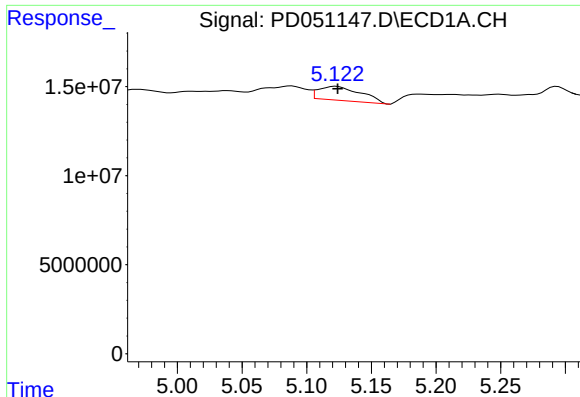
#25 Chlordane-3

R.T.: 5.088 min
Delta R.T.: 0.019 min
Response: 13345602
Conc: 41.72 ng/ml



#25 Chlordane-3

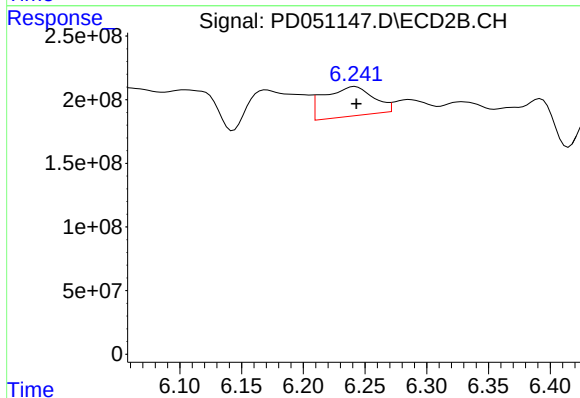
R.T.: 6.172 min
Delta R.T.: 0.004 min
Response: 808404070
Conc: 173.43 ng/ml



#26 Chlordane-4

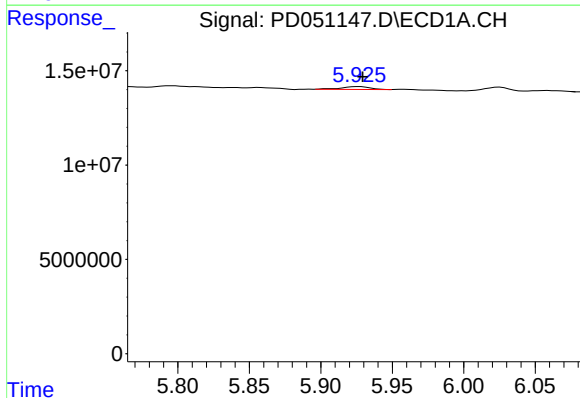
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 17803101
Conc: 57.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-01-011719-A



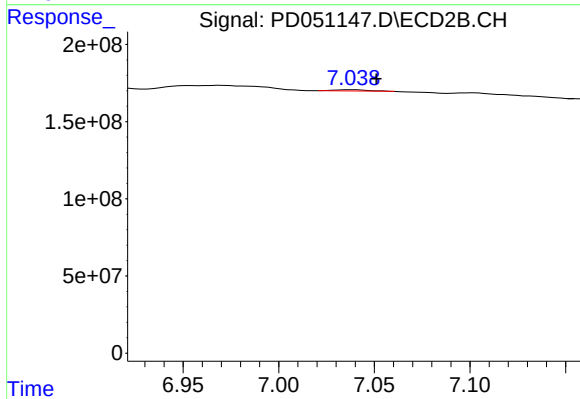
#26 Chlordane-4

R.T.: 6.241 min
Delta R.T.: -0.001 min
Response: 645677350
Conc: 122.05 ng/ml



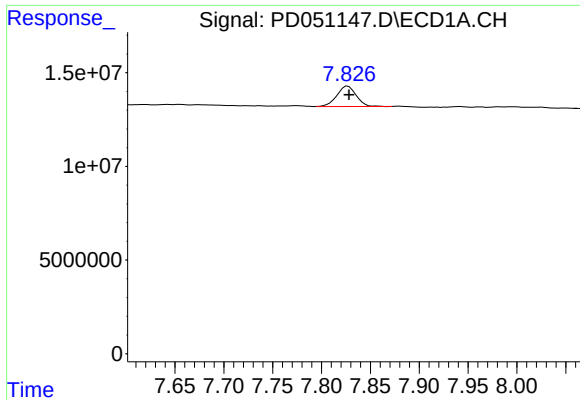
#27 Chlordane-5

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 2127201
Conc: 19.07 ng/ml



#27 Chlordane-5

R.T.: 7.038 min
Delta R.T.: -0.013 min
Response: 4783938
Conc: 4.75 ng/ml



#28 Decachlorobiphenyl

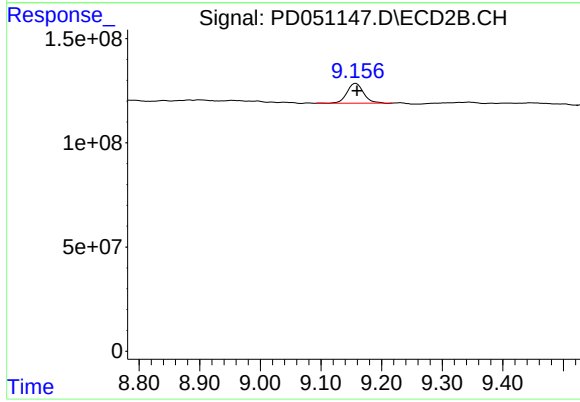
R.T.: 7.827 min

Delta R.T.: -0.001 min

Response: 14758282

Conc: 9.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-01-011719-A



#28 Decachlorobiphenyl

R.T.: 9.158 min

Delta R.T.: -0.002 min

Response: 178755147

Conc: 10.05 ng/ml