

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101921\
 Data File : PD066405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Oct 2021 18:06
 Operator : AJ\MA
 Sample : M4196-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 06:24:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101621CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 19 10:18:55 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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

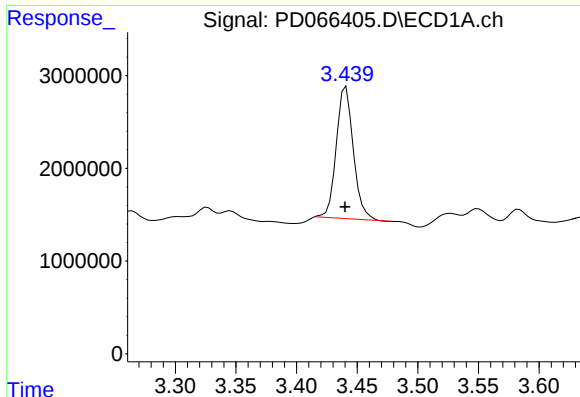
System Monitoring Compounds							
1)	SA Tetrachlo...	3.441	3.970	13804576	59019436	6.761	6.623
27)	SA Decachlor...	8.167	9.021	19912272	54519639	14.646	11.480
Target Compounds							
2)	A alpha-BHC	3.871	4.386	827867	28503077	0.265	2.453 #
3)	MA gamma-BHC...	4.164	4.643	3140905	6773951	1.017	0.614 #
4)	MA Heptachlor	4.447	0.000	4885271	0	1.669	N.D. #
5)	MB Aldrin	4.705	5.454	4596994	13579529	1.495	1.347
6)	B beta-BHC	4.447f	4.828	4885271	340711	3.669	<MDL #
7)	B delta-BHC	4.621	5.061	7955847	30877537	2.758	3.191
8)	B Heptachlo...	5.140	5.821	13914406	14124270	5.142	1.759 #
9)	A Endosulfan I	5.420f	6.183	2651541	13185026	1.049	1.563 #
10)	B trans-Chl...	5.349	6.072	8745479	8360025	3.191	0.925 #
11)	B cis-Chlor...	5.420	6.149	2651541	7858103	0.989	0.886
12)	B 4,4'-DDE	5.546f	6.304	515288	4310075	0.206	0.542 #
13)	MA Dieldrin	5.716	6.452	6848683	11000848	2.550	1.301 #
14)	MA Endrin	6.010	6.725f	3773119	4740194	1.587	0.896 #
15)	B Endosulfa...	6.259	6.899	6508779	34193803	2.898	4.798 #
16)	A 4,4'-DDD	6.107	6.798	1100906	13833440	0.530	2.073 #
17)	MA 4,4'-DDT	0.000	7.121	0	17730331	N.D.	2.703
18)	B Endrin al...	0.000	7.024	0	9993104	N.D.	1.885
19)	B Endosulfa...	6.645	7.217	1454142	7789063	0.733	1.181 #
20)	A Methoxychlor	6.820f	7.573	1892888	4757397	1.826	1.465
21)	B Endrin ke...	7.094	7.774f	4913634	20272828	2.128	2.827 #
22)	Toxaphene-1	5.716	6.387	6848683	3413422	408.757	92.633 #
24)	Toxaphene-3	6.259	7.121	6508779	17730331	163.639	163.504
25)	Toxaphene-4	0.000	7.217	0	7789063	N.D.	71.483
26)	Toxaphene-5	6.957	7.627	679255	615484	16.319	7.763 #

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

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

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

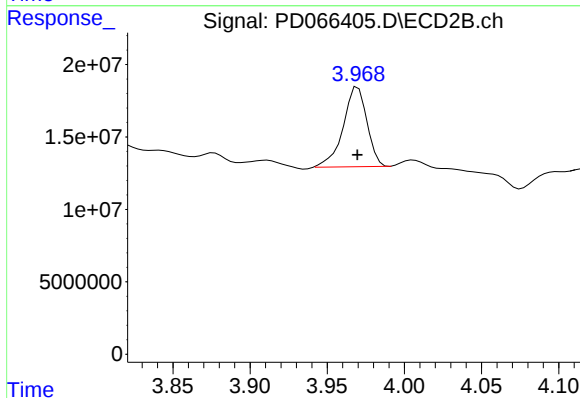




#1 Tetrachloro-m-xylene

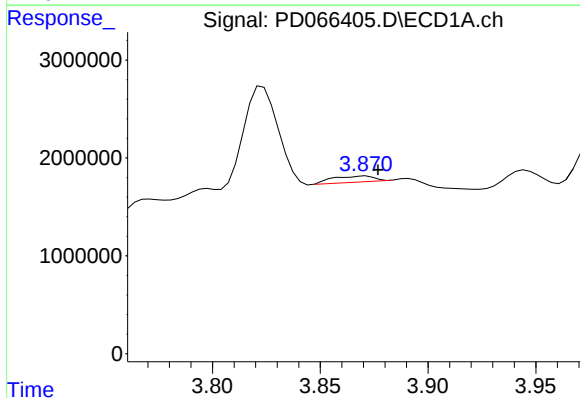
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 13804576
Conc: 6.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



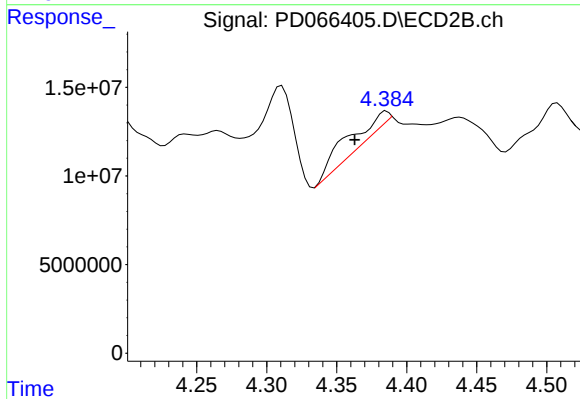
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 59019436
Conc: 6.62 ng/ml



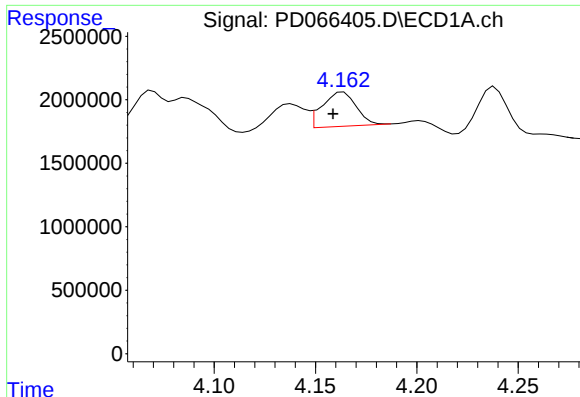
#2 alpha-BHC

R.T.: 3.871 min
Delta R.T.: -0.006 min
Response: 827867
Conc: 0.27 ng/ml



#2 alpha-BHC

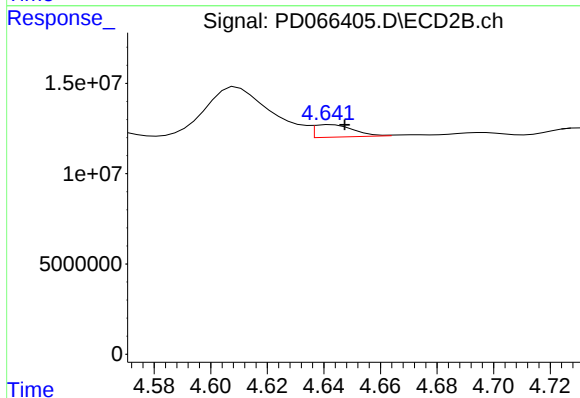
R.T.: 4.386 min
Delta R.T.: 0.023 min
Response: 28503077
Conc: 2.45 ng/ml



#3 gamma-BHC (Lindane)

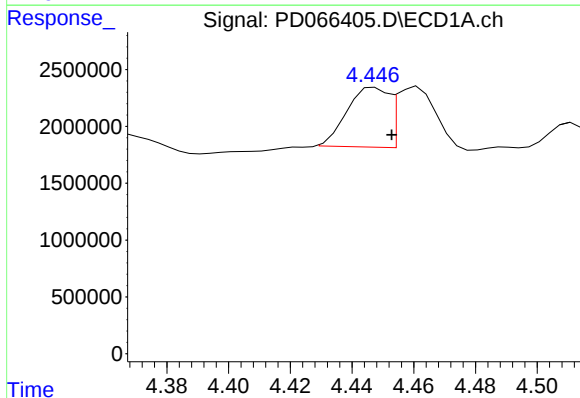
R.T.: 4.164 min
Delta R.T.: 0.005 min
Response: 3140905
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



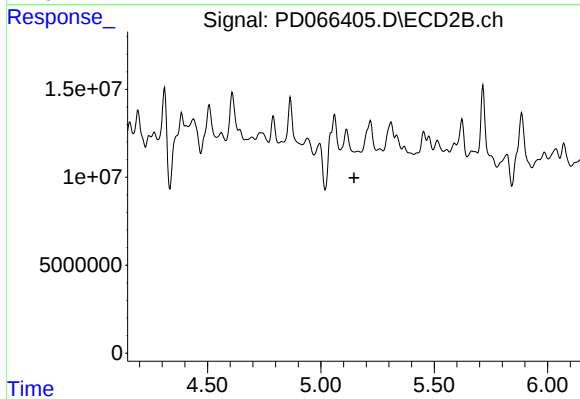
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: -0.005 min
Response: 6773951
Conc: 0.61 ng/ml



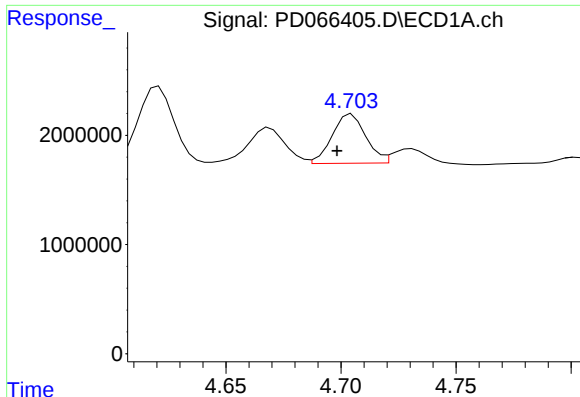
#4 Heptachlor

R.T.: 4.447 min
Delta R.T.: -0.005 min
Response: 4885271
Conc: 1.67 ng/ml



#4 Heptachlor

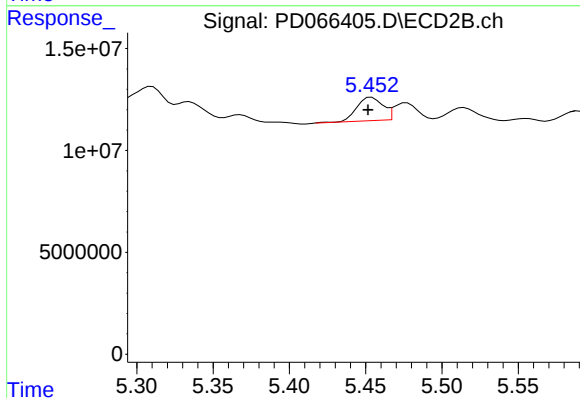
R.T.: 0.000 min
Exp R.T.: 5.147 min
Response: 0
Conc: N.D.



#5 Aldrin

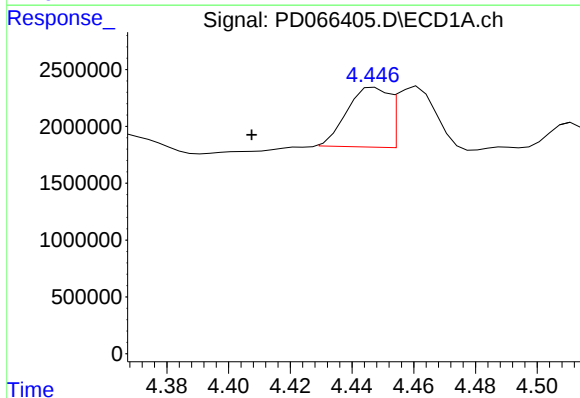
R.T.: 4.705 min
Delta R.T.: 0.006 min
Response: 4596994
Conc: 1.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



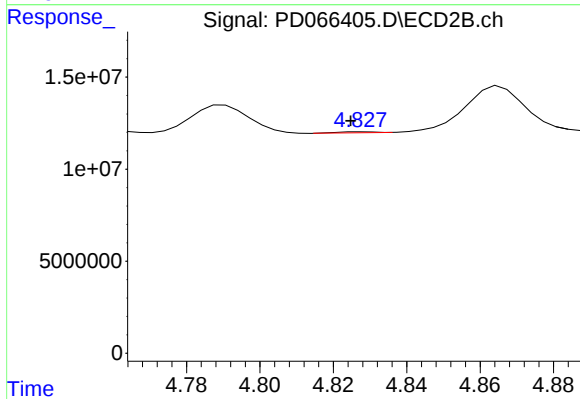
#5 Aldrin

R.T.: 5.454 min
Delta R.T.: 0.002 min
Response: 13579529
Conc: 1.35 ng/ml



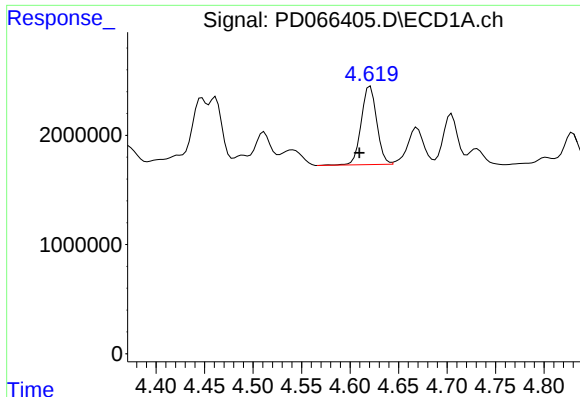
#6 beta-BHC

R.T.: 4.447 min
Delta R.T.: 0.040 min
Response: 4885271
Conc: 3.67 ng/ml



#6 beta-BHC

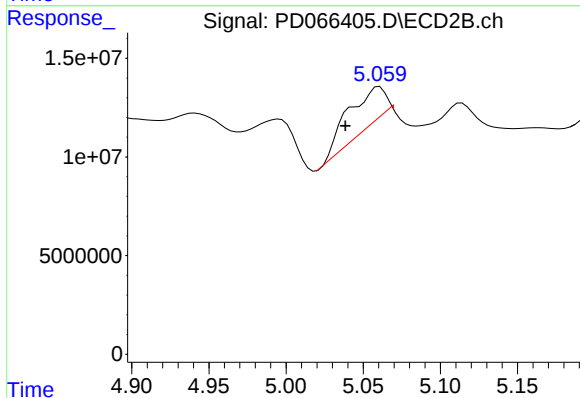
R.T.: 4.828 min
Delta R.T.: 0.003 min
Response: 340711
Conc: N.D.



#7 delta-BHC

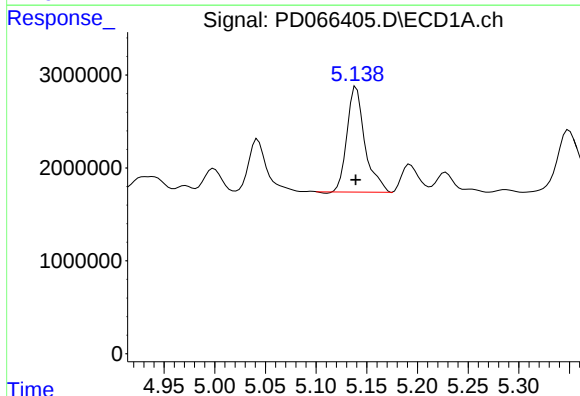
R.T.: 4.621 min
Delta R.T.: 0.011 min
Response: 7955847
Conc: 2.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



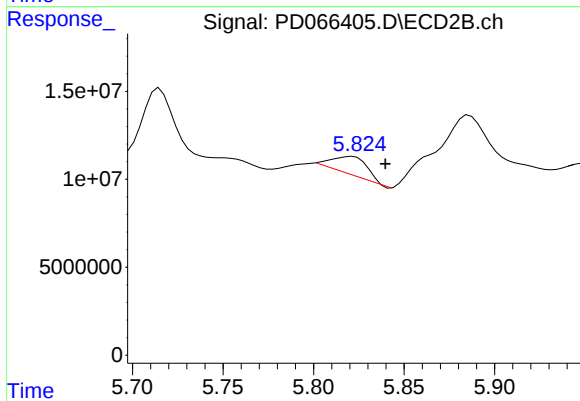
#7 delta-BHC

R.T.: 5.061 min
Delta R.T.: 0.022 min
Response: 30877537
Conc: 3.19 ng/ml



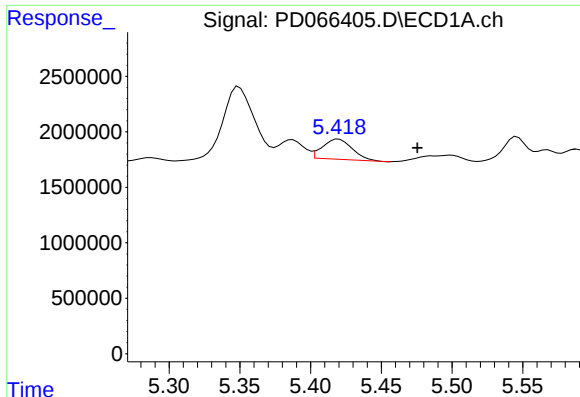
#8 Heptachlor epoxide

R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 13914406
Conc: 5.14 ng/ml



#8 Heptachlor epoxide

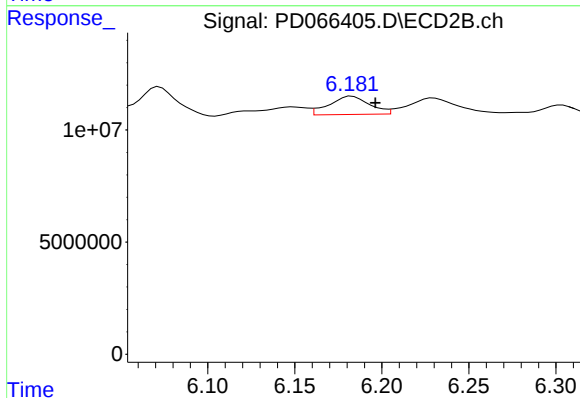
R.T.: 5.821 min
Delta R.T.: -0.018 min
Response: 14124270
Conc: 1.76 ng/ml



#9 Endosulfan I

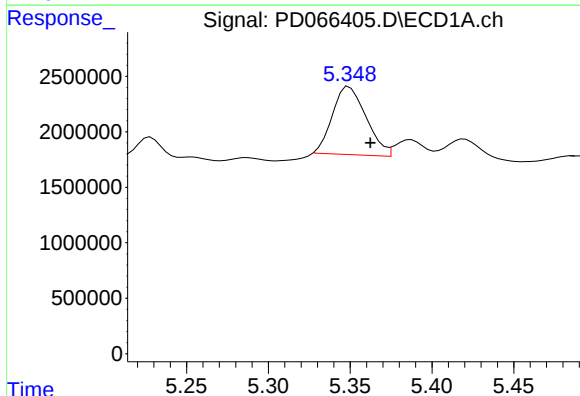
R.T.: 5.420 min
Delta R.T.: -0.056 min
Response: 2651541
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



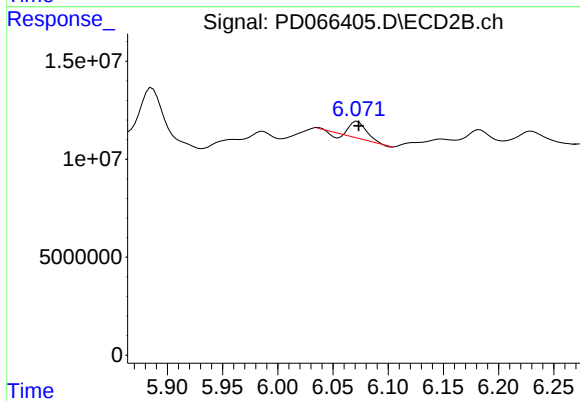
#9 Endosulfan I

R.T.: 6.183 min
Delta R.T.: -0.013 min
Response: 13185026
Conc: 1.56 ng/ml



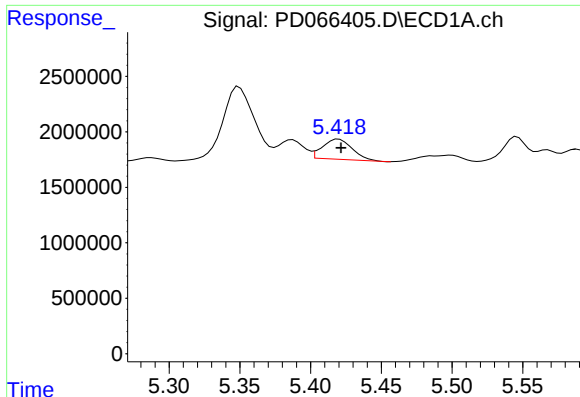
#10 trans-Chlordane

R.T.: 5.349 min
Delta R.T.: -0.013 min
Response: 8745479
Conc: 3.19 ng/ml



#10 trans-Chlordane

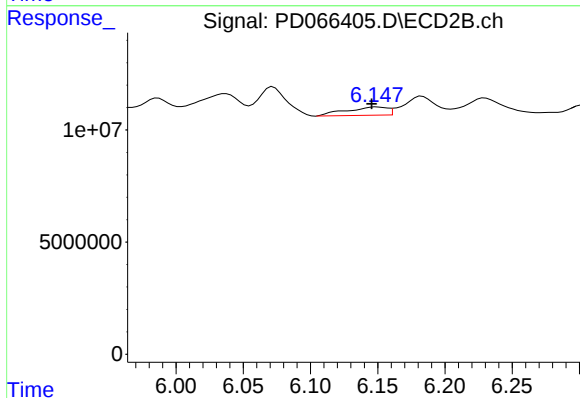
R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 8360025
Conc: 0.92 ng/ml



#11 cis-Chlordane

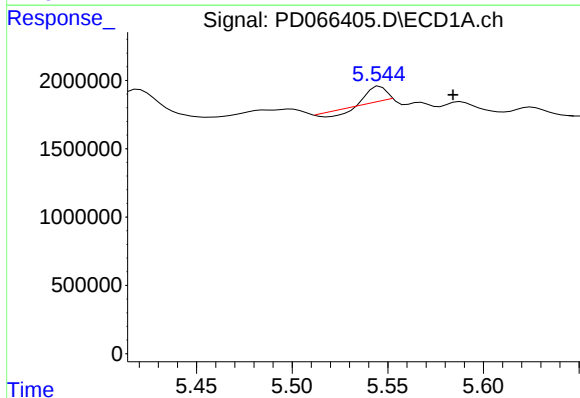
R.T.: 5.420 min
Delta R.T.: -0.002 min
Response: 2651541
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



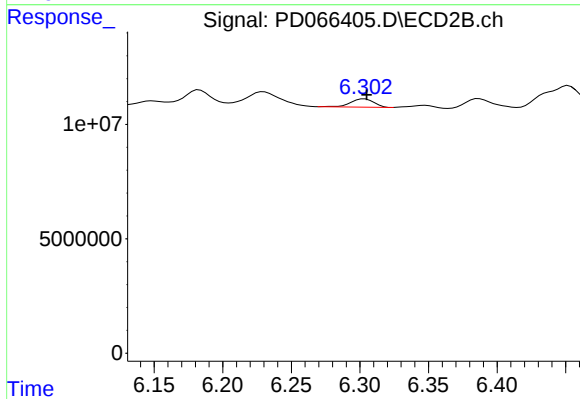
#11 cis-Chlordane

R.T.: 6.149 min
Delta R.T.: 0.003 min
Response: 7858103
Conc: 0.89 ng/ml



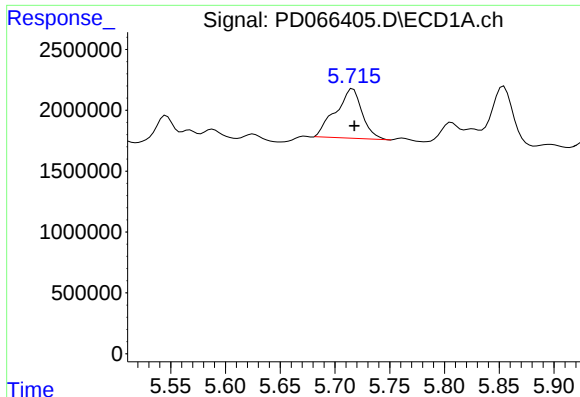
#12 4,4'-DDE

R.T.: 5.546 min
Delta R.T.: -0.038 min
Response: 515288
Conc: 0.21 ng/ml



#12 4,4'-DDE

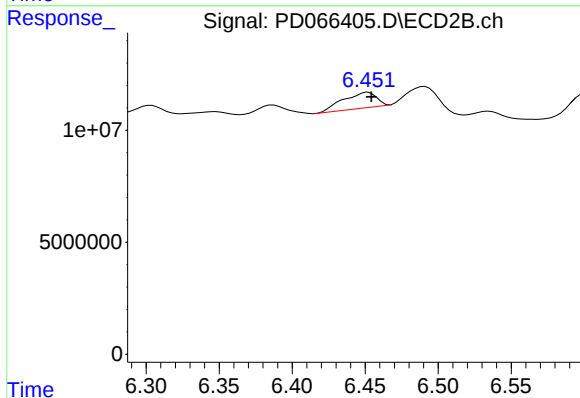
R.T.: 6.304 min
Delta R.T.: -0.001 min
Response: 4310075
Conc: 0.54 ng/ml



#13 Dieldrin

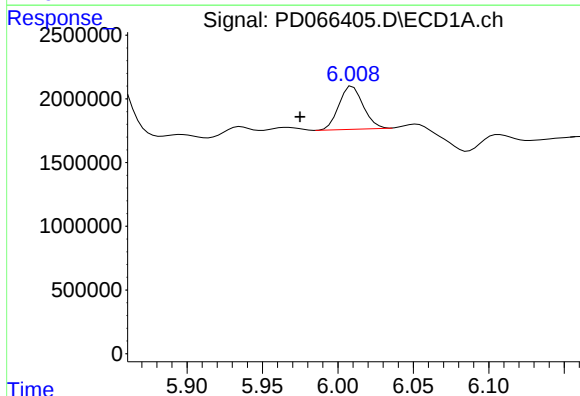
R.T.: 5.716 min
Delta R.T.: -0.001 min
Response: 6848683
Conc: 2.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



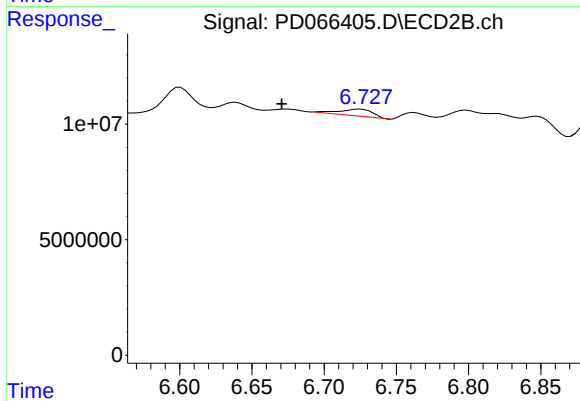
#13 Dieldrin

R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 11000848
Conc: 1.30 ng/ml



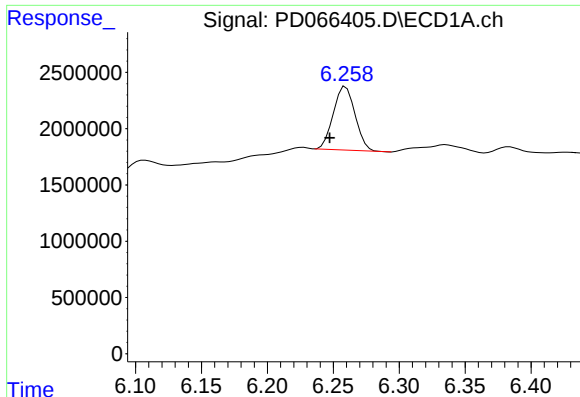
#14 Endrin

R.T.: 6.010 min
Delta R.T.: 0.035 min
Response: 3773119
Conc: 1.59 ng/ml



#14 Endrin

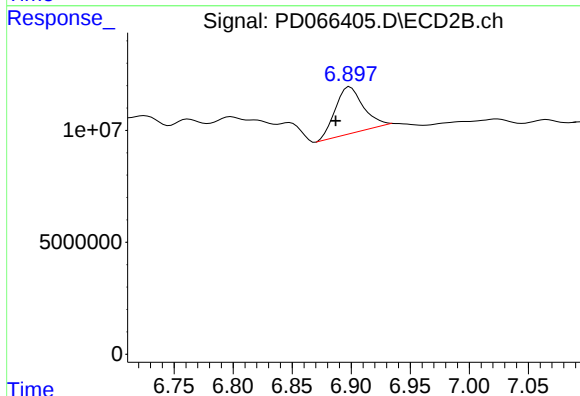
R.T.: 6.725 min
Delta R.T.: 0.054 min
Response: 4740194
Conc: 0.90 ng/ml



#15 Endosulfan II

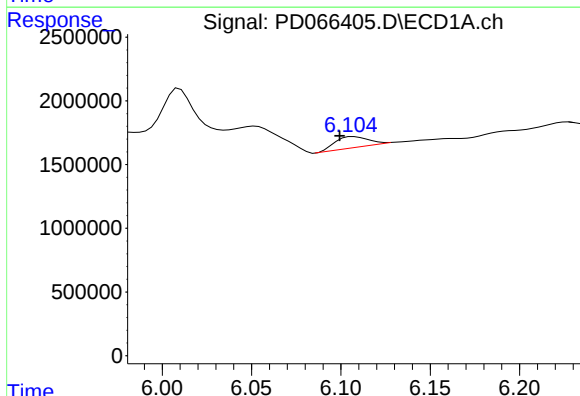
R.T.: 6.259 min
Delta R.T.: 0.012 min
Response: 6508779
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



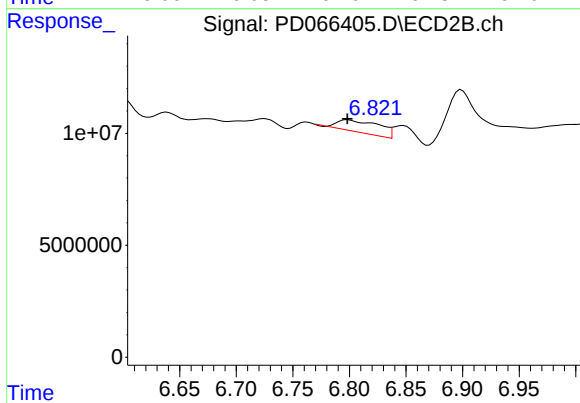
#15 Endosulfan II

R.T.: 6.899 min
Delta R.T.: 0.012 min
Response: 34193803
Conc: 4.80 ng/ml



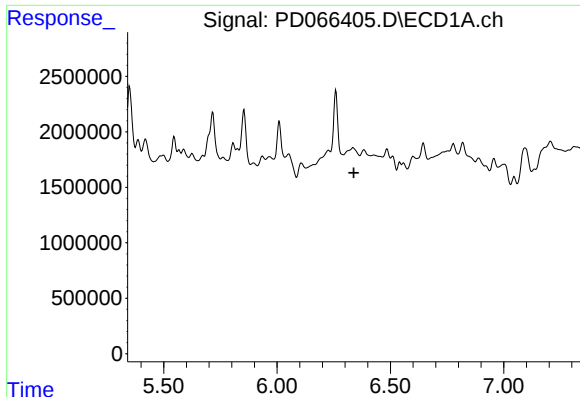
#16 4,4'-DDD

R.T.: 6.107 min
Delta R.T.: 0.008 min
Response: 1100906
Conc: 0.53 ng/ml



#16 4,4'-DDD

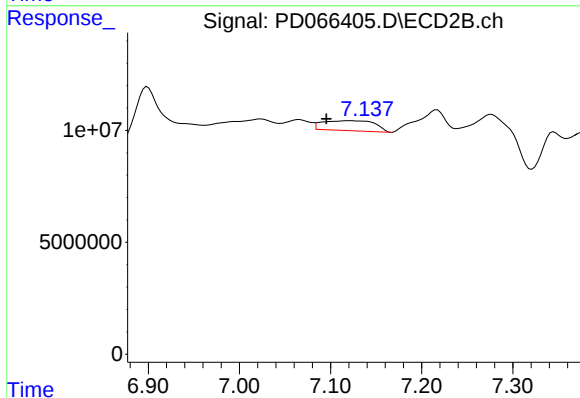
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 13833440
Conc: 2.07 ng/ml



#17 4,4'-DDT

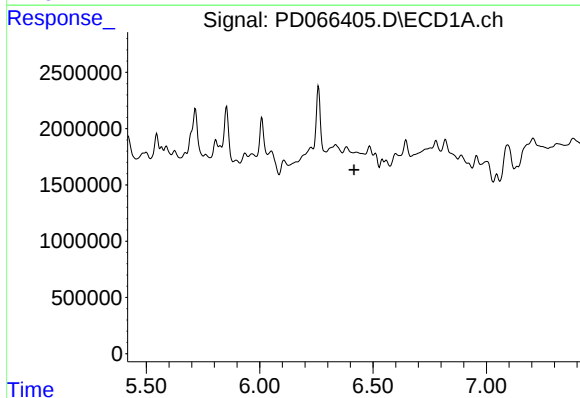
R.T.: 0.000 min
Exp R.T.: 6.338 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



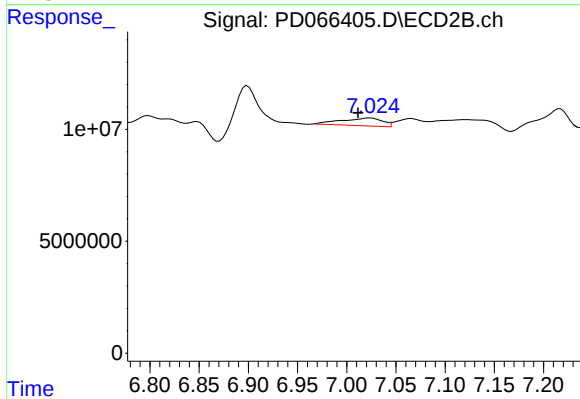
#17 4,4'-DDT

R.T.: 7.121 min
Delta R.T.: 0.026 min
Response: 17730331
Conc: 2.70 ng/ml



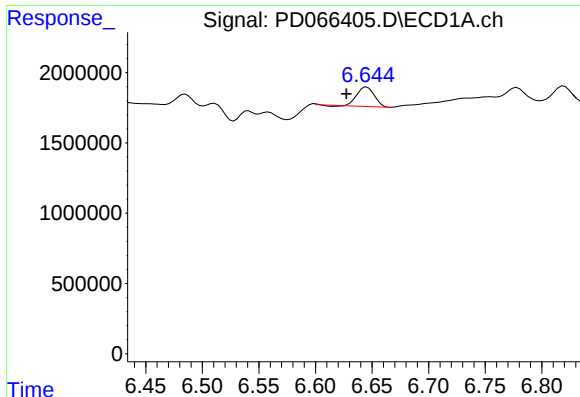
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.416 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

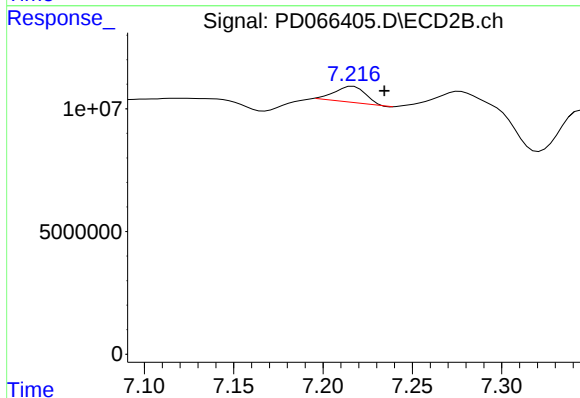
R.T.: 7.024 min
Delta R.T.: 0.012 min
Response: 9993104
Conc: 1.89 ng/ml



#19 Endosulfan Sulfate

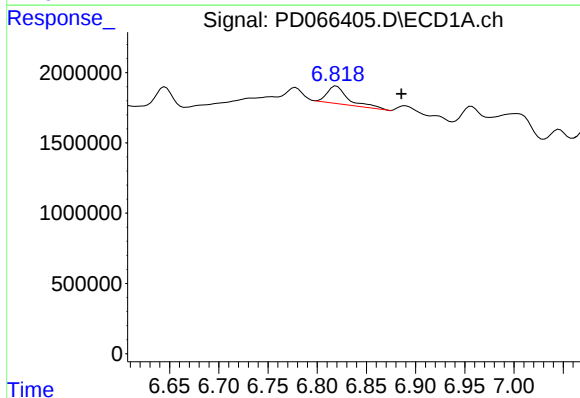
R.T.: 6.645 min
Delta R.T.: 0.018 min
Response: 1454142
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



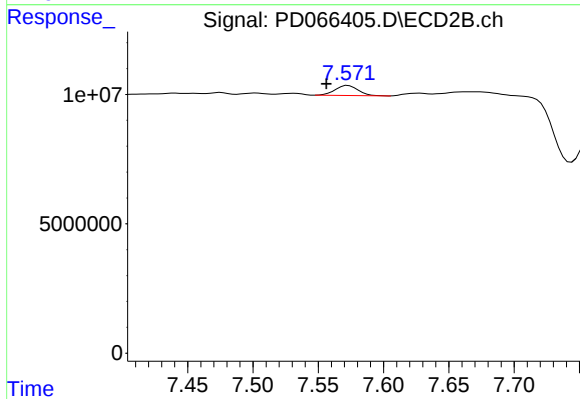
#19 Endosulfan Sulfate

R.T.: 7.217 min
Delta R.T.: -0.017 min
Response: 7789063
Conc: 1.18 ng/ml



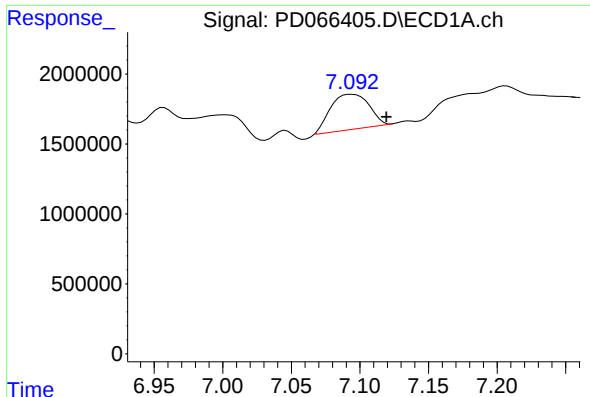
#20 Methoxychlor

R.T.: 6.820 min
Delta R.T.: -0.066 min
Response: 1892888
Conc: 1.83 ng/ml



#20 Methoxychlor

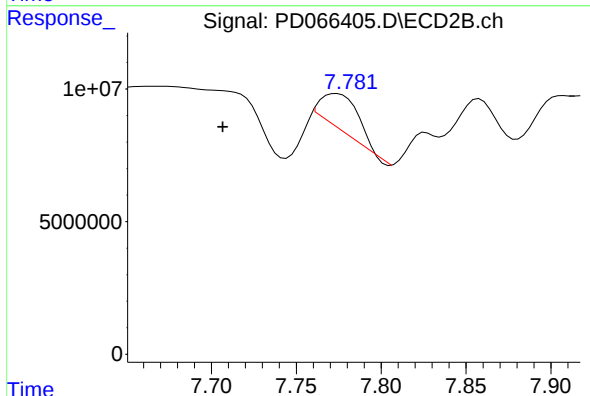
R.T.: 7.573 min
Delta R.T.: 0.017 min
Response: 4757397
Conc: 1.46 ng/ml



#21 Endrin ketone

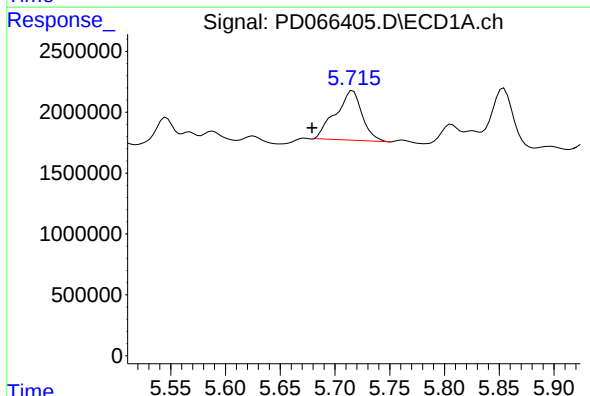
R.T.: 7.094 min
Delta R.T.: -0.025 min
Response: 4913634
Conc: 2.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



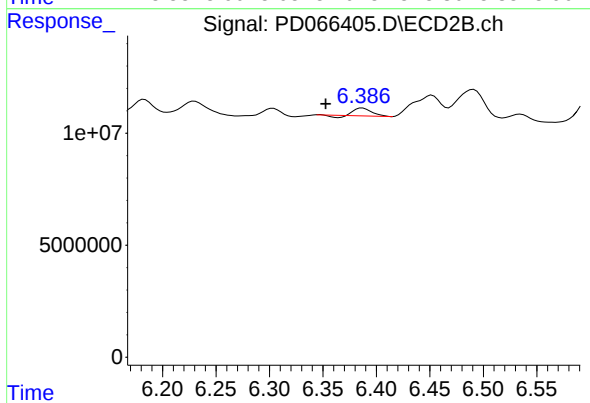
#21 Endrin ketone

R.T.: 7.774 min
Delta R.T.: 0.067 min
Response: 20272828
Conc: 2.83 ng/ml



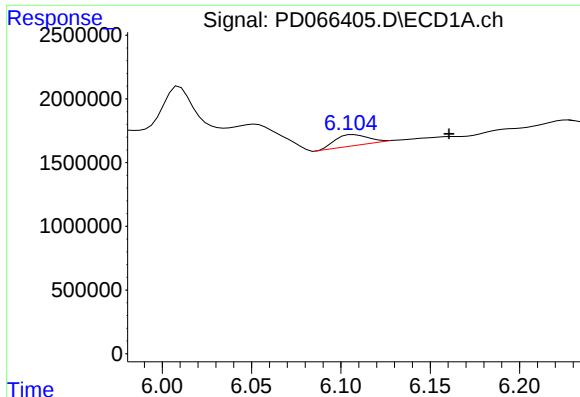
#22 Toxaphene-1

R.T.: 5.716 min
Delta R.T.: 0.037 min
Response: 6848683
Conc: 408.76 ng/ml



#22 Toxaphene-1

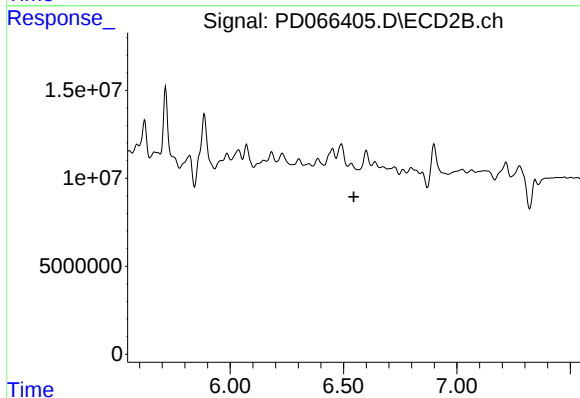
R.T.: 6.387 min
Delta R.T.: 0.034 min
Response: 3413422
Conc: 92.63 ng/ml



#23 Toxaphene-2

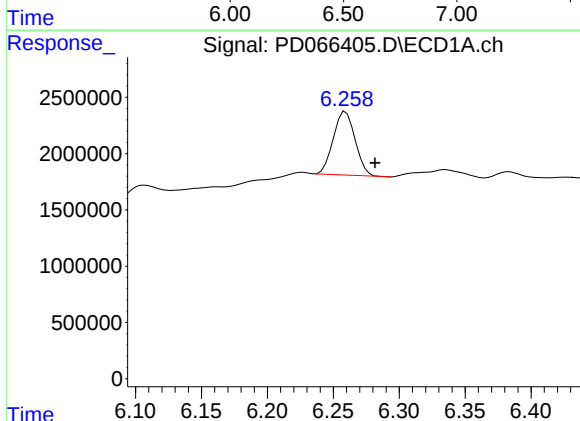
R.T.: 6.107 min
Delta R.T.: -0.053 min
Response: 1100906
Conc: 64.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



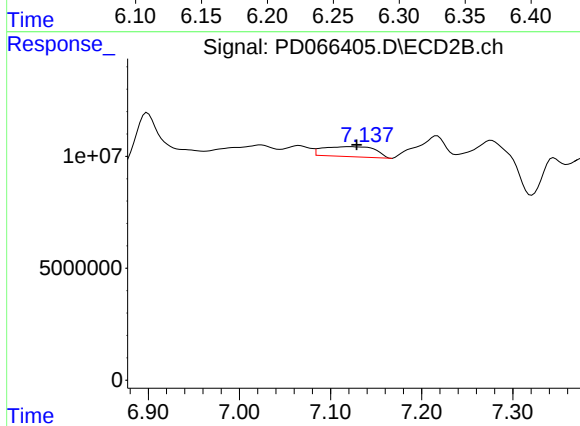
#23 Toxaphene-2

R.T.: 6.535 min
Delta R.T.: -0.010 min
Response: -6512576
Conc: N.D.



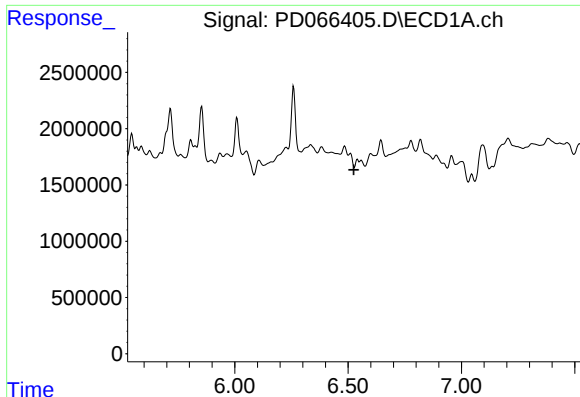
#24 Toxaphene-3

R.T.: 6.259 min
Delta R.T.: -0.022 min
Response: 6508779
Conc: 163.64 ng/ml



#24 Toxaphene-3

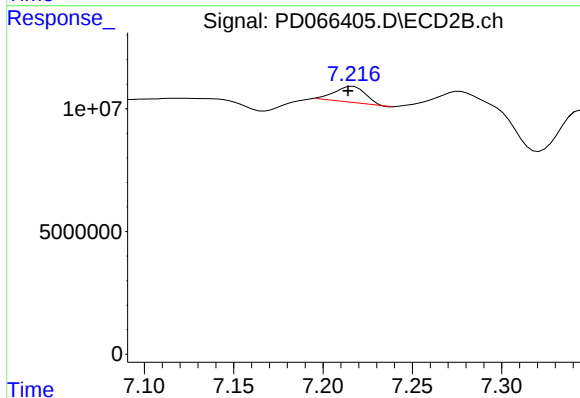
R.T.: 7.121 min
Delta R.T.: -0.007 min
Response: 17730331
Conc: 163.50 ng/ml



#25 Toxaphene-4

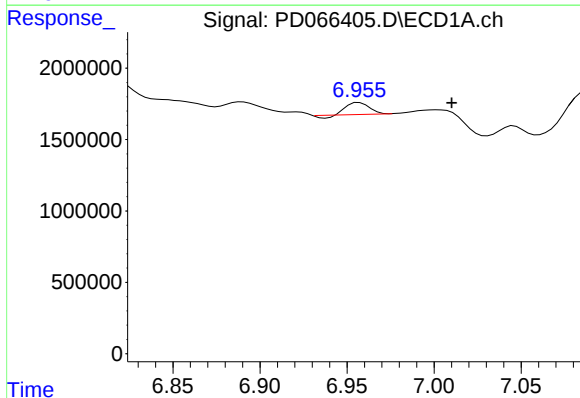
R.T.: 0.000 min
Exp R.T.: 6.526 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



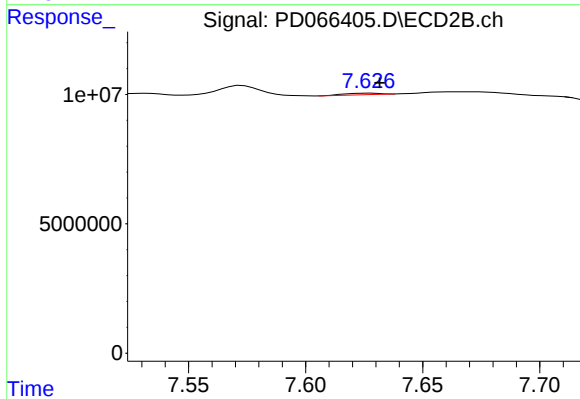
#25 Toxaphene-4

R.T.: 7.217 min
Delta R.T.: 0.003 min
Response: 7789063
Conc: 71.48 ng/ml



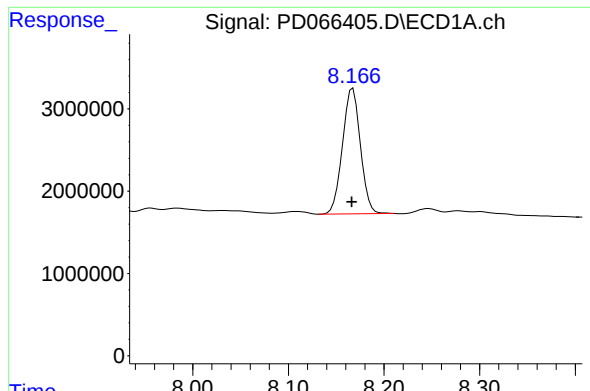
#26 Toxaphene-5

R.T.: 6.957 min
Delta R.T.: -0.053 min
Response: 679255
Conc: 16.32 ng/ml



#26 Toxaphene-5

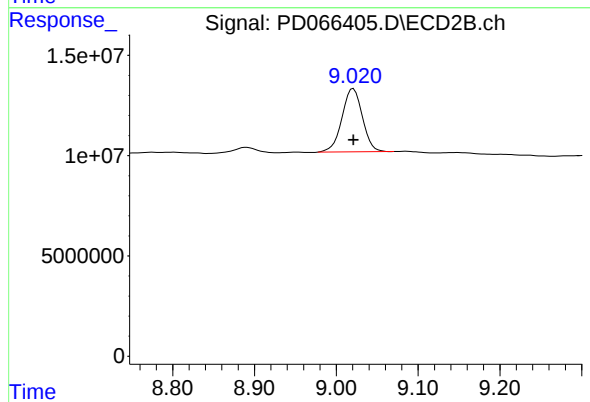
R.T.: 7.627 min
Delta R.T.: -0.005 min
Response: 615484
Conc: 7.76 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 19912272
Conc: 14.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.000 min
Response: 54519639
Conc: 11.48 ng/ml