

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
 Data File : PD064708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2021 09:17
 Operator : AR\AJ
 Sample : PEM75
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM073

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 05:48:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 28 07:07:14 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...	5.414	4.616	24404342	216.0E6	20.458	23.637
27)	SA Decachlor...	11.310	10.364	27786165	135.2E6	21.108	22.732
Target Compounds							
2)	A alpha-BHC	5.996	5.318	18551448	150.2E6	11.388	12.185
3)	MA gamma-BHC...	6.393	5.739	18337447	134.5E6	11.692	11.791
4)	MA Heptachlor	0.000	6.116f	0	72223912	N.D.	6.370
5)	MB Aldrin	0.000	6.498	0	829291	N.D.	<MDL
6)	B beta-BHC	6.652	6.116	8185288	72223912	10.492	11.905
7)	B delta-BHC	6.888	6.402	3753824	995758	2.157	<MDL #
8)	B Heptachlo...	7.892	0.000	3565943	0	2.077	N.D. #
9)	A Endosulfan I	0.000	7.474	0	1146832	N.D.	0.149
10)	B trans-Chl...	0.000	7.354	0	3896103	N.D.	0.430
11)	B cis-Chlor...	0.000	7.354f	0	3896103	N.D.	0.438
12)	B 4,4'-DDE	0.000	7.645f	0	3145807	N.D.	0.417
14)	MA Endrin	8.814	8.024	75363013	306.7E6	58.859	53.381
15)	B Endosulfa...	0.000	8.337	0	762298	N.D.	0.132
16)	A 4,4'-DDD	8.967	8.187	1215129	2945273	0.990	0.511 #
17)	MA 4,4'-DDT	9.285	8.447	139.9E6	546.6E6	107.174	99.290
18)	B Endrin al...	0.000	8.524	0	1928787	N.D.	0.391
19)	B Endosulfa...	0.000	8.758	0	223688	N.D.	<MDL
20)	A Methoxychlor	9.777	9.040	187.5E6	632.6E6	261.965	247.042
21)	B Endrin ke...	9.919	9.265	726959	172053	0.481	<MDL #
23)	Toxaphene-2	8.967	7.930	1215129	863653	69.705	10.227 #
24)	Toxaphene-3	9.285	8.355	139.9E6	2193919	11542.198	19.148 #
25)	Toxaphene-4	0.000	8.758	0	223688	N.D.	3.971
26)	Toxaphene-5	9.866	9.146	1048489	481295	56.789	3.829 #

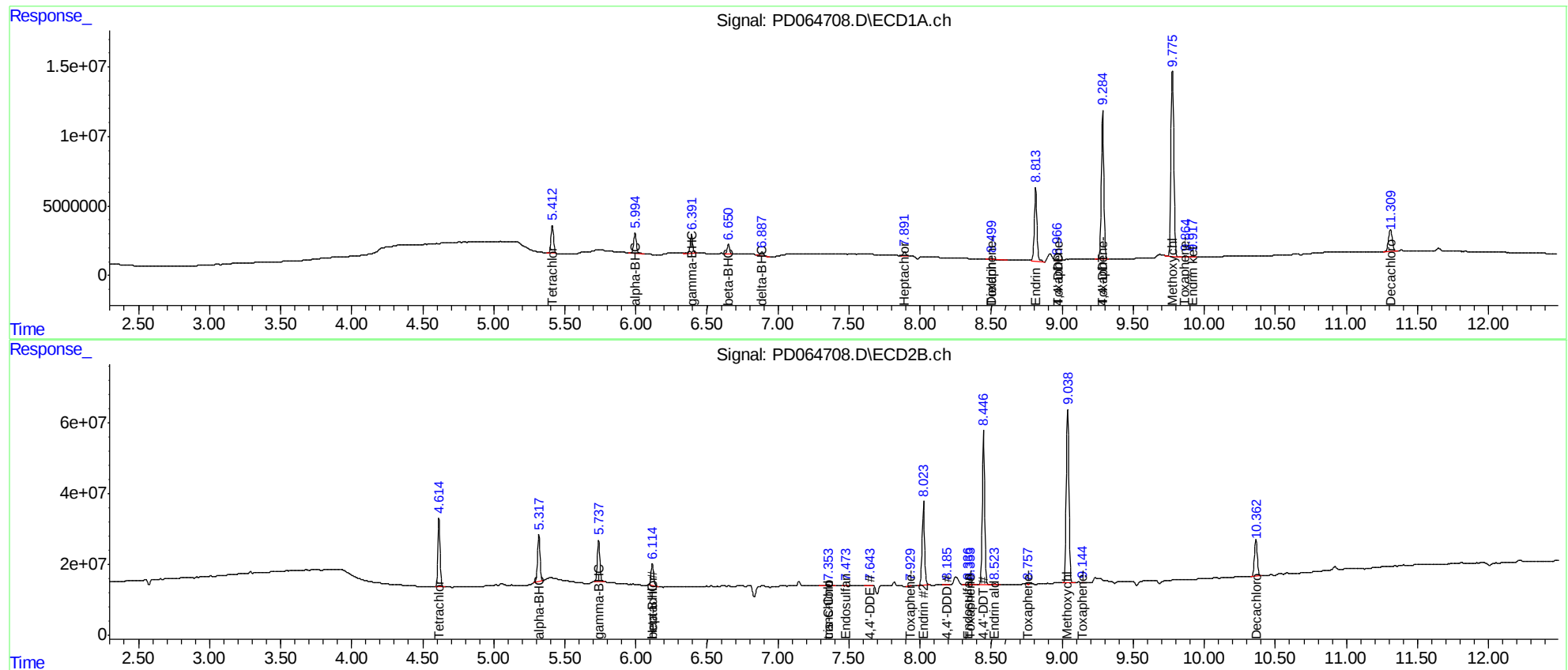
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

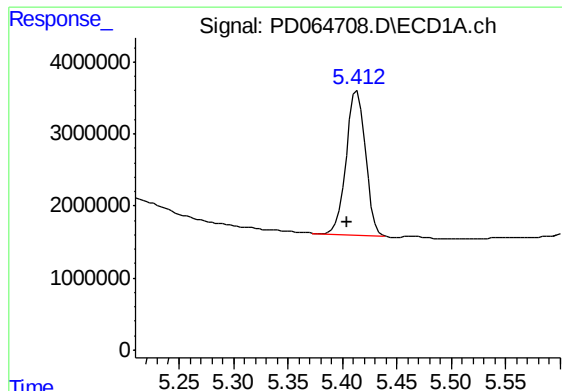
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
Data File : PD064708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2021 09:17
Operator : AR\AJ
Sample : PEM75
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM073

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 05:48:02 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 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

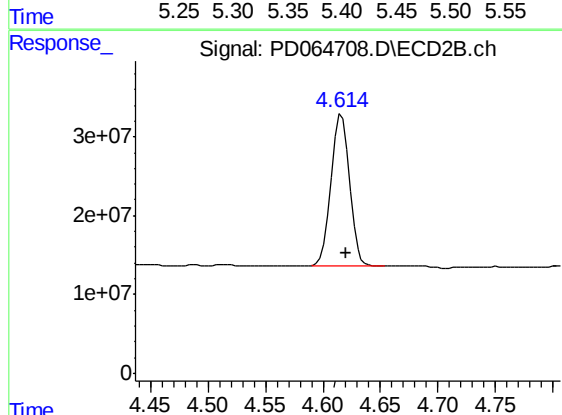




#1 Tetrachloro-m-xylene

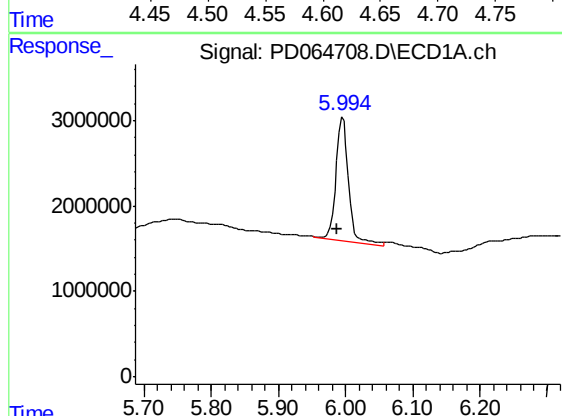
R.T.: 5.414 min
Delta R.T.: 0.009 min
Response: 24404342
Conc: 20.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM073



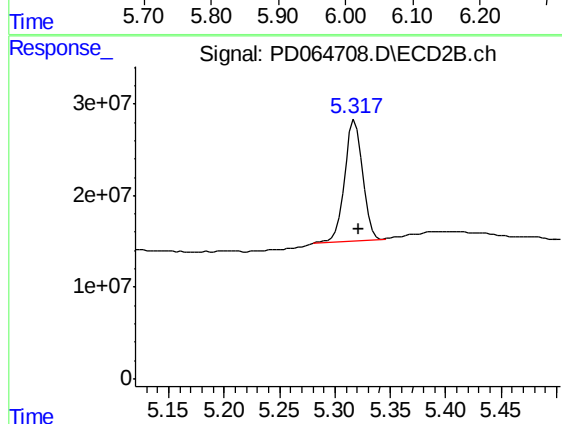
#1 Tetrachloro-m-xylene

R.T.: 4.616 min
Delta R.T.: -0.004 min
Response: 215993210
Conc: 23.64 ng/ml



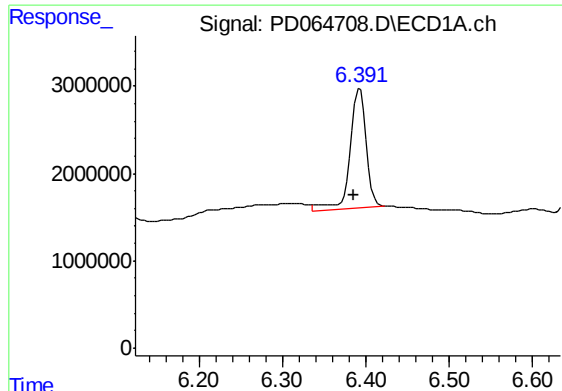
#2 alpha-BHC

R.T.: 5.996 min
Delta R.T.: 0.008 min
Response: 18551448
Conc: 11.39 ng/ml



#2 alpha-BHC

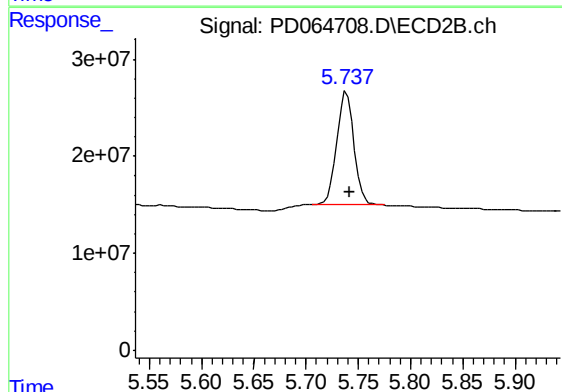
R.T.: 5.318 min
Delta R.T.: -0.003 min
Response: 150190038
Conc: 12.19 ng/ml



#3 gamma-BHC (Lindane)

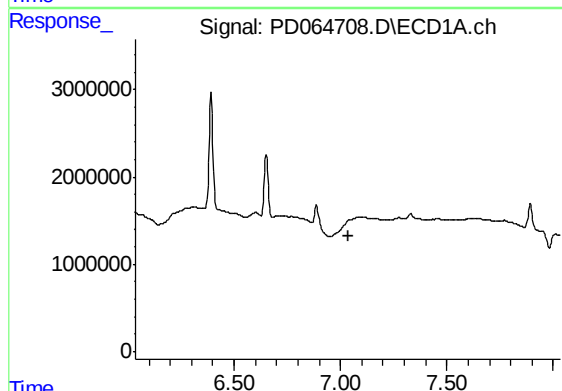
R.T.: 6.393 min
Delta R.T.: 0.008 min
Response: 18337447
Conc: 11.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM073



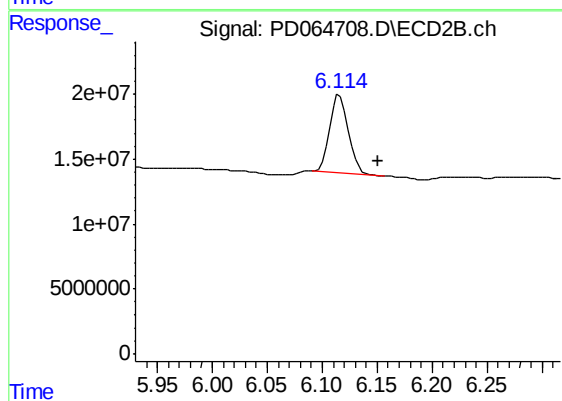
#3 gamma-BHC (Lindane)

R.T.: 5.739 min
Delta R.T.: -0.003 min
Response: 134459809
Conc: 11.79 ng/ml



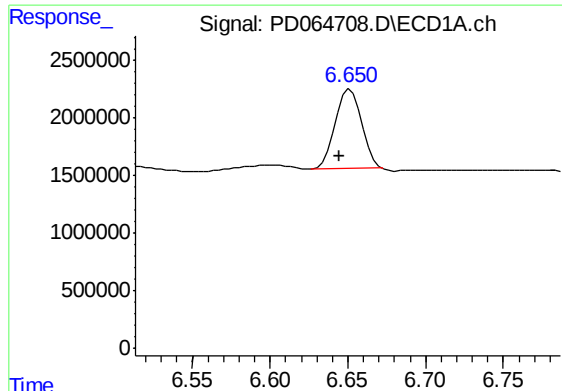
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 7.035 min
Response: 0
Conc: N.D.



#4 Heptachlor

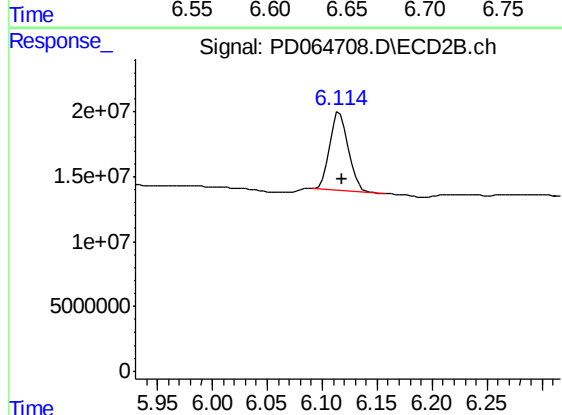
R.T.: 6.116 min
Delta R.T.: -0.035 min
Response: 72223912
Conc: 6.37 ng/ml



#6 beta-BHC

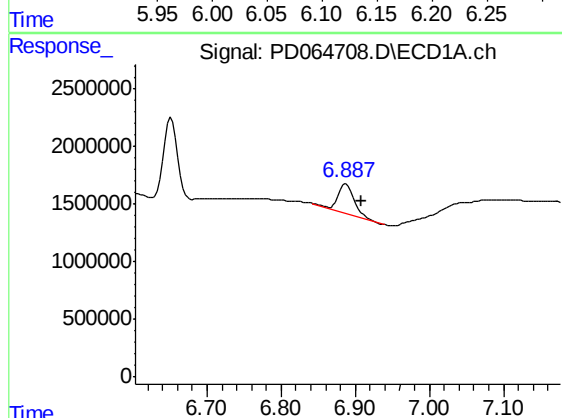
R.T.: 6.652 min
Delta R.T.: 0.007 min
Response: 8185288
Conc: 10.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM073



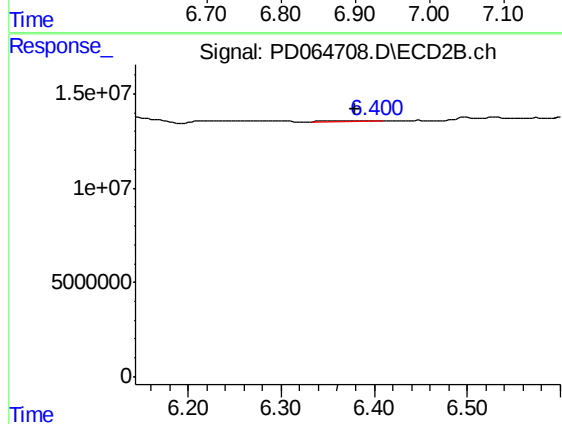
#6 beta-BHC

R.T.: 6.116 min
Delta R.T.: -0.002 min
Response: 72223912
Conc: 11.90 ng/ml



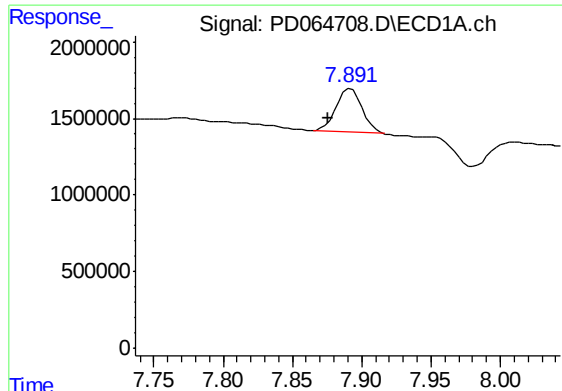
#7 delta-BHC

R.T.: 6.888 min
Delta R.T.: -0.021 min
Response: 3753824
Conc: 2.16 ng/ml



#7 delta-BHC

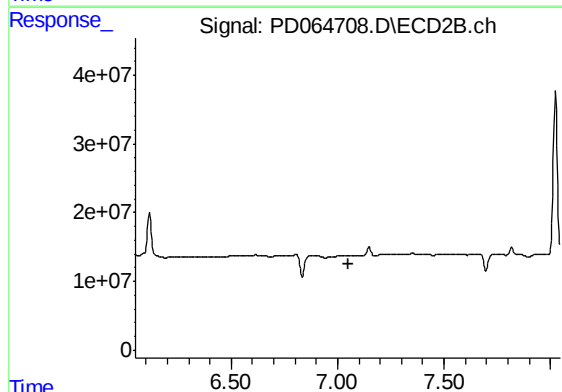
R.T.: 6.402 min
Delta R.T.: 0.022 min
Response: 995758
Conc: N.D.



#8 Heptachlor epoxide

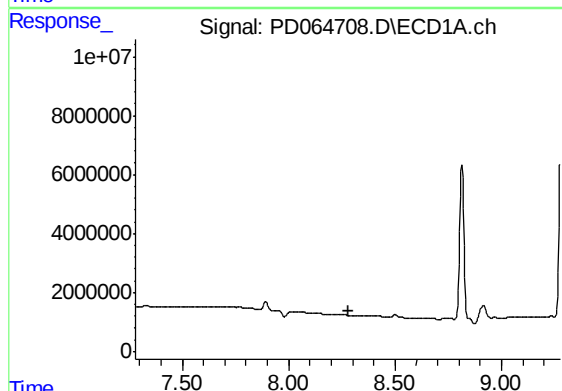
R.T.: 7.892 min
Delta R.T.: 0.016 min
Response: 3565943
Conc: 2.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM073



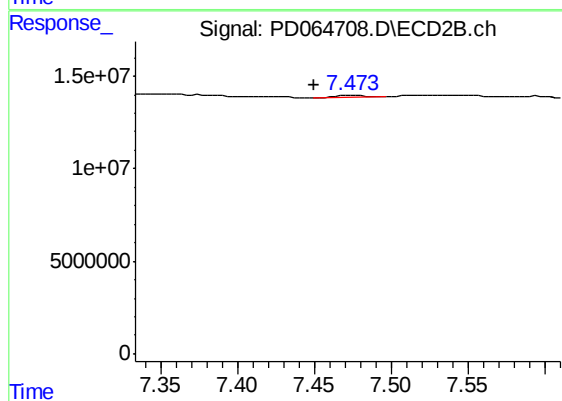
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 7.049 min
Response: 0
Conc: N.D.



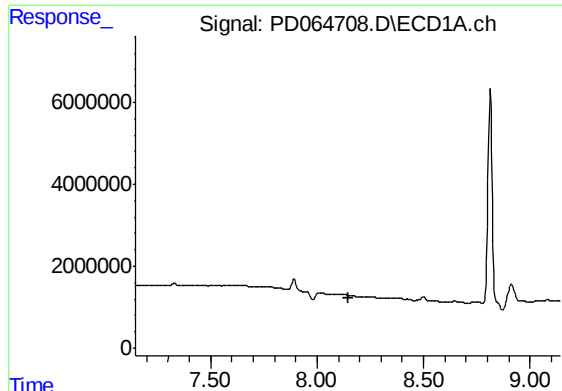
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 8.279 min
Response: 0
Conc: N.D.



#9 Endosulfan I

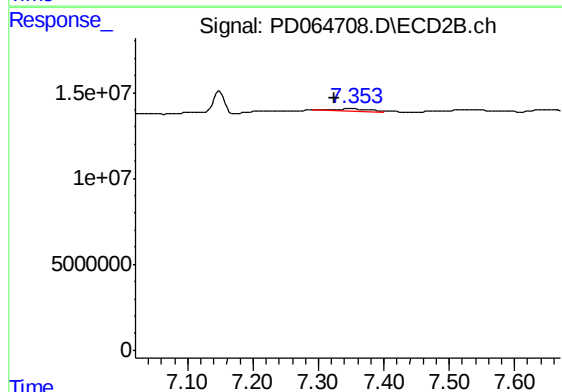
R.T.: 7.474 min
Delta R.T.: 0.025 min
Response: 1146832
Conc: 0.15 ng/ml



#10 trans-Chlordane

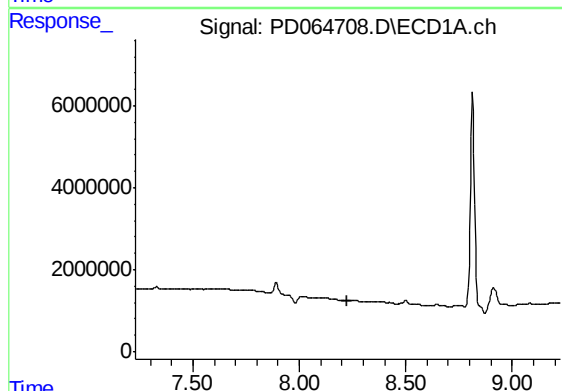
R.T.: 0.000 min
Exp R.T. : 8.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM073



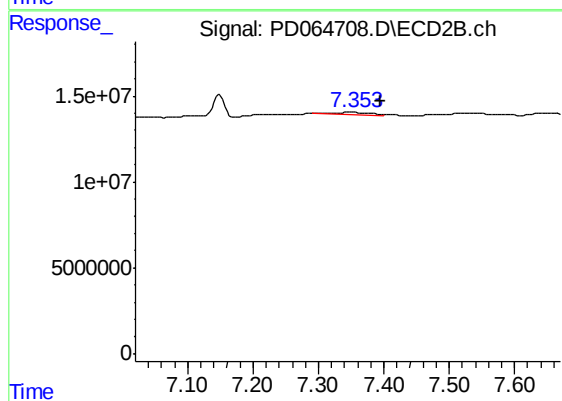
#10 trans-Chlordane

R.T.: 7.354 min
Delta R.T.: 0.029 min
Response: 3896103
Conc: 0.43 ng/ml



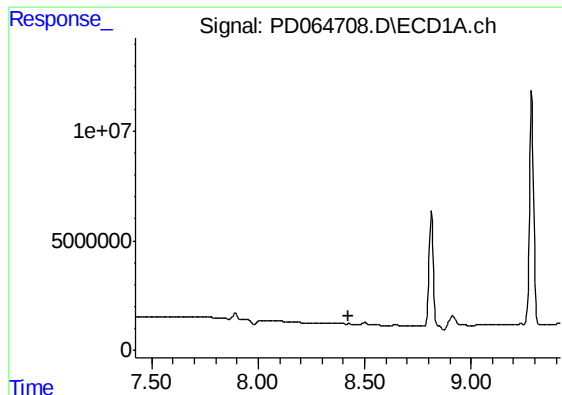
#11 cis-Chlordane

R.T.: 0.000 min
Exp R.T. : 8.227 min
Response: 0
Conc: N.D.



#11 cis-Chlordane

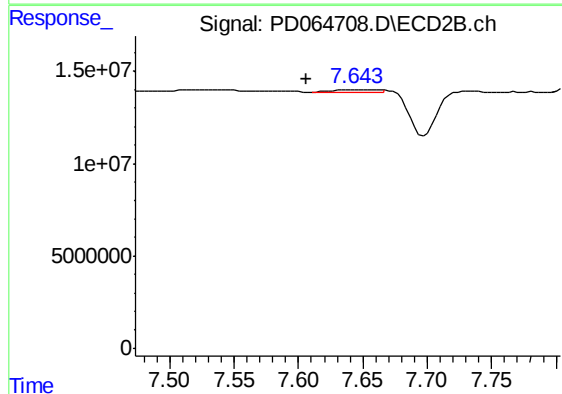
R.T.: 7.354 min
Delta R.T.: -0.040 min
Response: 3896103
Conc: 0.44 ng/ml



#12 4,4'-DDE

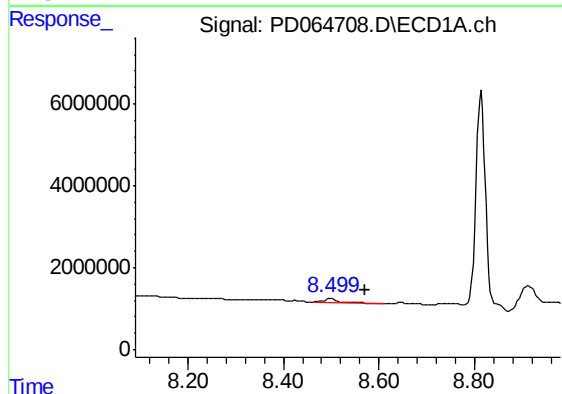
R.T.: 0.000 min
Exp R.T.: 8.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM073



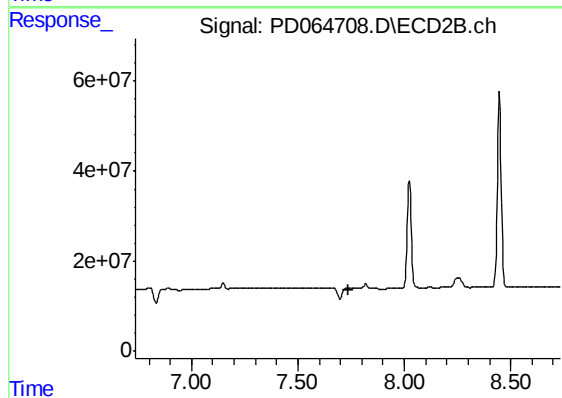
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.039 min
Response: 3145807
Conc: 0.42 ng/ml



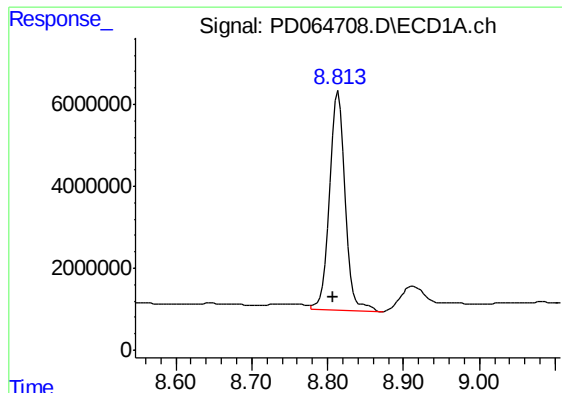
#13 Dieldrin

R.T.: 8.500 min
Delta R.T.: -0.070 min
Response: 1260975
Conc: 0.85 ng/ml



#13 Dieldrin

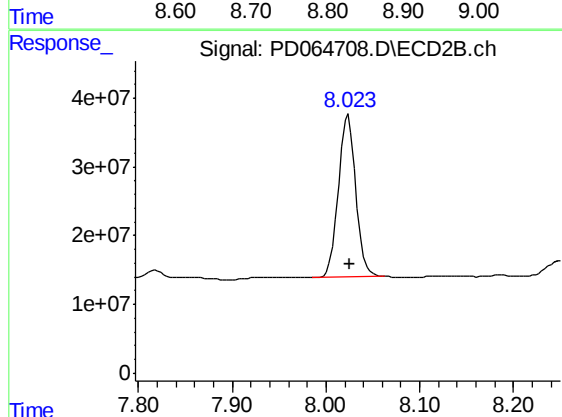
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: -20938310
Conc: N.D.



#14 Endrin

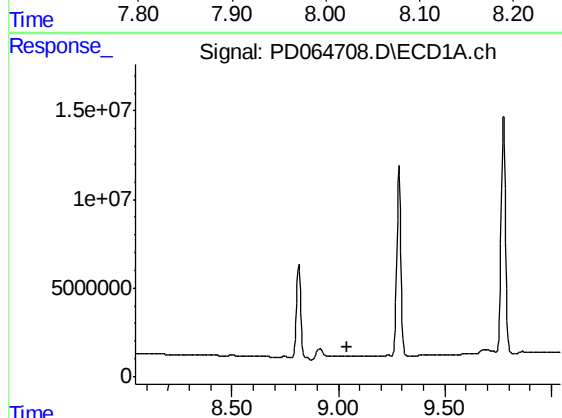
R.T.: 8.814 min
Delta R.T.: 0.007 min
Response: 75363013
Conc: 58.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM073



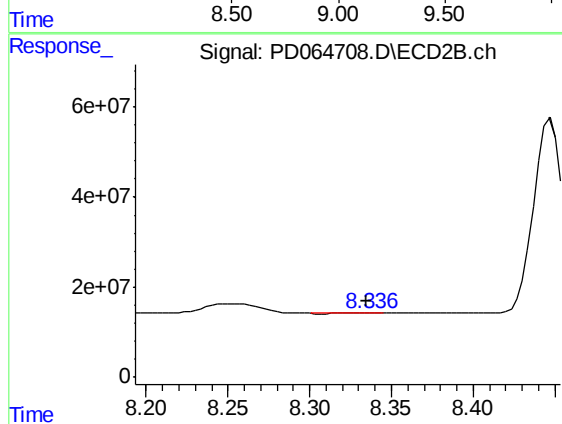
#14 Endrin

R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 306652518
Conc: 53.38 ng/ml



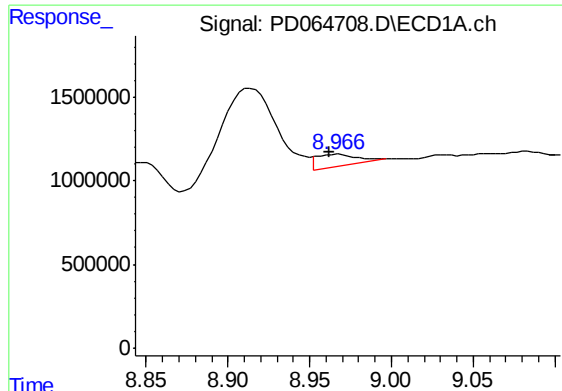
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 9.045 min
Response: 0
Conc: N.D.



#15 Endosulfan II

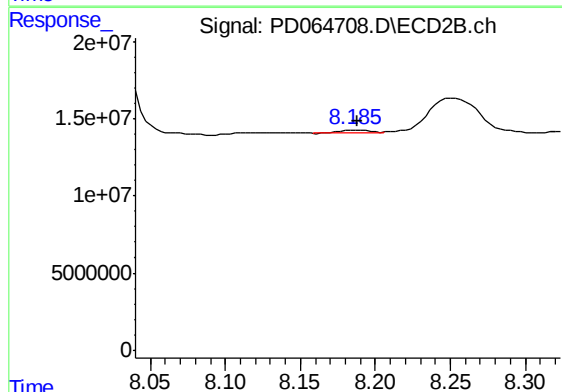
R.T.: 8.337 min
Delta R.T.: 0.003 min
Response: 762298
Conc: 0.13 ng/ml



#16 4,4'-DDD

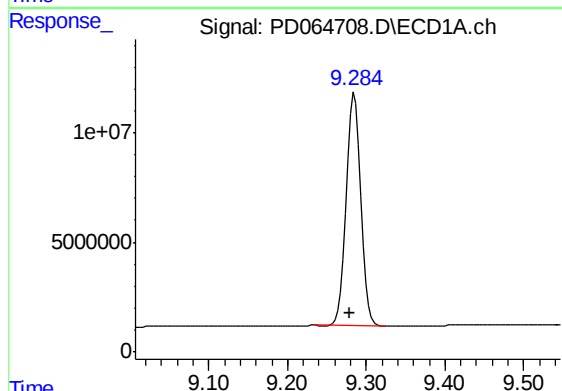
R.T.: 8.967 min
Delta R.T.: 0.006 min
Response: 1215129
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM073



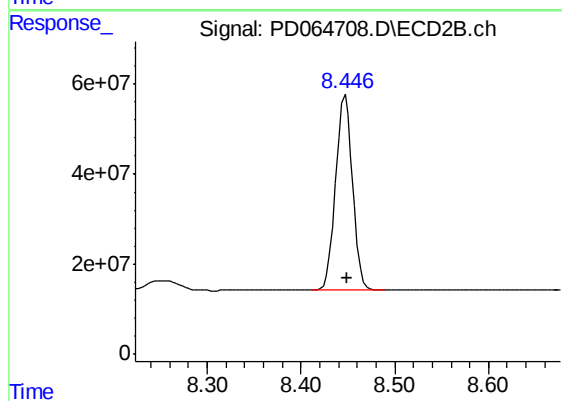
#16 4,4'-DDD

R.T.: 8.187 min
Delta R.T.: -0.001 min
Response: 2945273
Conc: 0.51 ng/ml



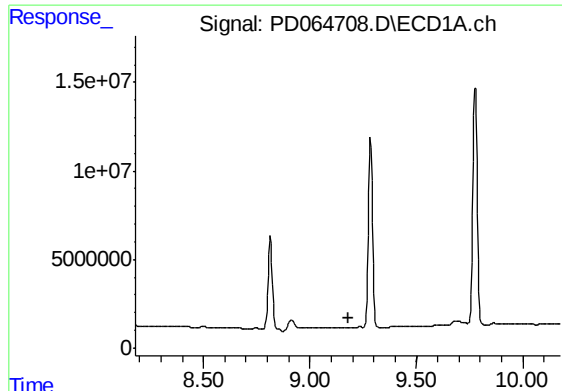
#17 4,4'-DDT

R.T.: 9.285 min
Delta R.T.: 0.006 min
Response: 139910968
Conc: 107.17 ng/ml



#17 4,4'-DDT

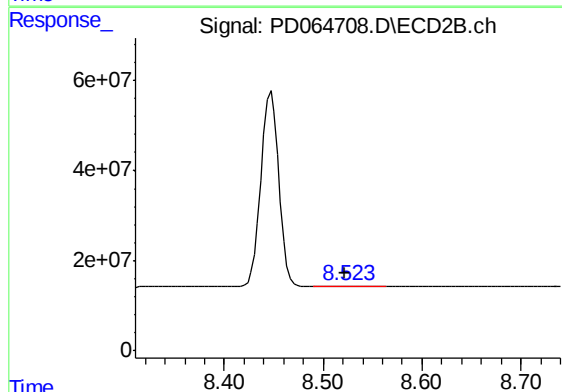
R.T.: 8.447 min
Delta R.T.: -0.002 min
Response: 546552934
Conc: 99.29 ng/ml



#18 Endrin aldehyde

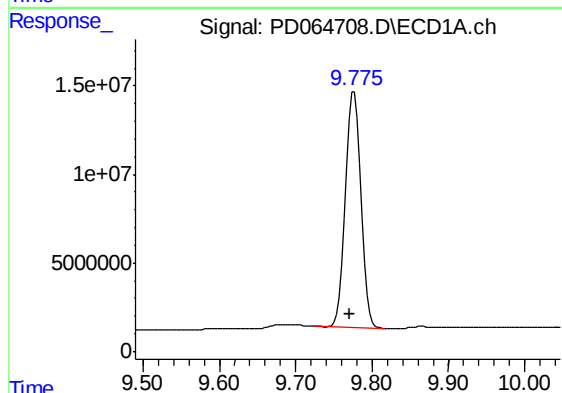
R.T.: 0.000 min
Exp R.T.: 9.180 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM073



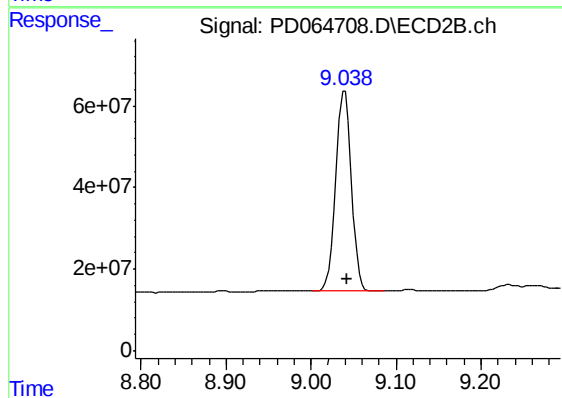
#18 Endrin aldehyde

R.T.: 8.524 min
Delta R.T.: 0.002 min
Response: 1928787
Conc: 0.39 ng/ml



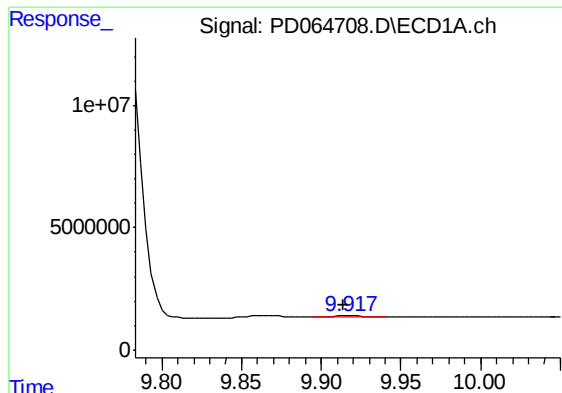
#20 Methoxychlor

R.T.: 9.777 min
Delta R.T.: 0.005 min
Response: 187451910
Conc: 261.96 ng/ml



#20 Methoxychlor

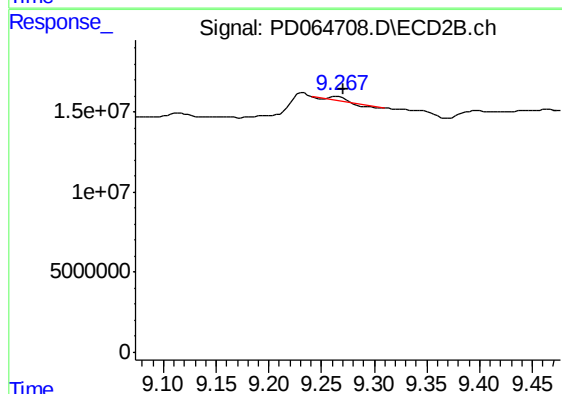
R.T.: 9.040 min
Delta R.T.: -0.002 min
Response: 632576561
Conc: 247.04 ng/ml



#21 Endrin ketone

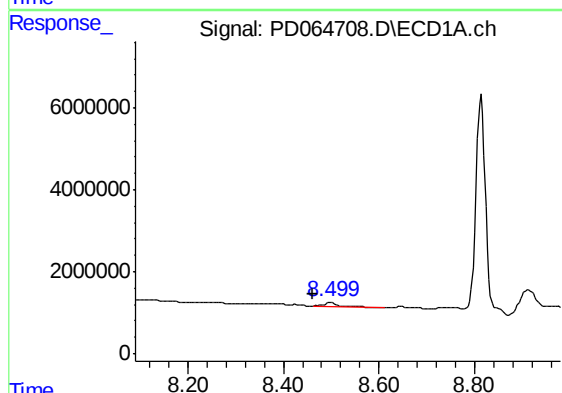
R.T.: 9.919 min
Delta R.T.: 0.005 min
Response: 726959
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM073



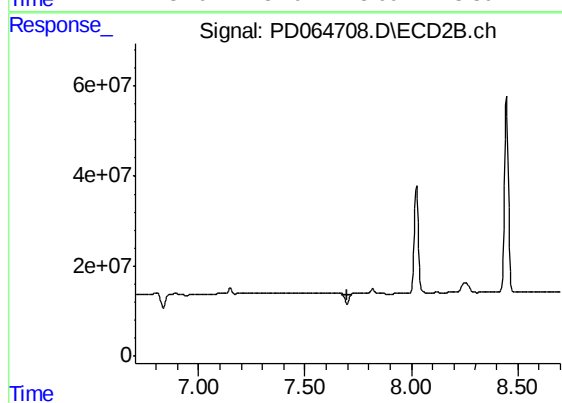
#21 Endrin ketone

R.T.: 9.265 min
Delta R.T.: -0.006 min
Response: 172053
Conc: N.D.



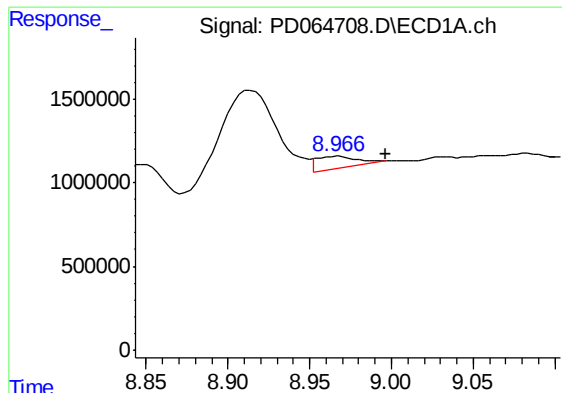
#22 Toxaphene-1

R.T.: 8.500 min
Delta R.T.: 0.038 min
Response: 1260975
Conc: 135.14 ng/ml



#22 Toxaphene-1

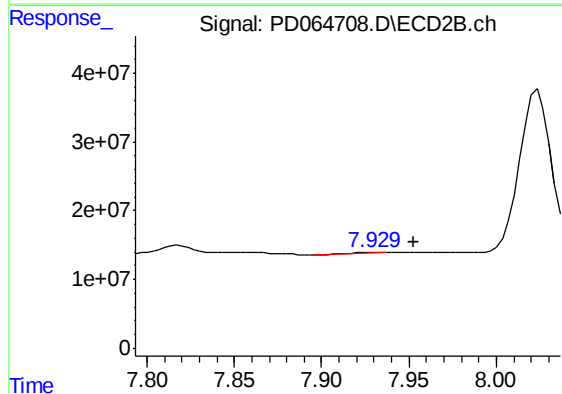
R.T.: 7.735 min
Delta R.T.: 0.034 min
Response: -20938310
Conc: N.D.



#23 Toxaphene-2

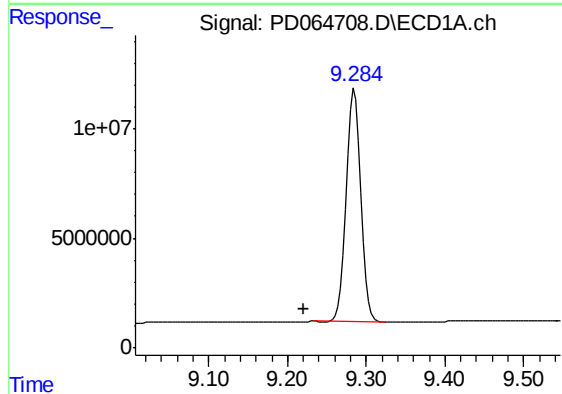
R.T.: 8.967 min
Delta R.T.: -0.029 min
Response: 1215129
Conc: 69.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM073



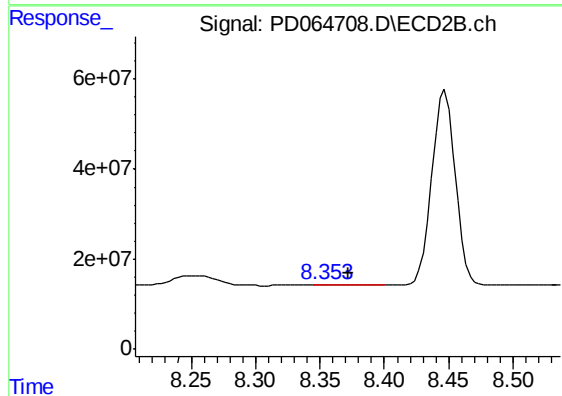
#23 Toxaphene-2

R.T.: 7.930 min
Delta R.T.: -0.023 min
Response: 863653
Conc: 10.23 ng/ml



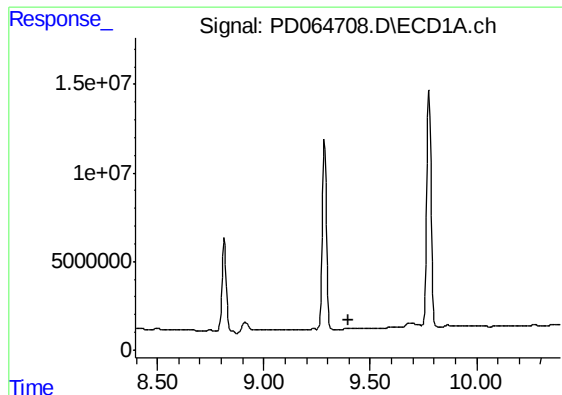
#24 Toxaphene-3

R.T.: 9.285 min
Delta R.T.: 0.064 min
Response: 139910968
Conc: 11542.20 ng/ml



#24 Toxaphene-3

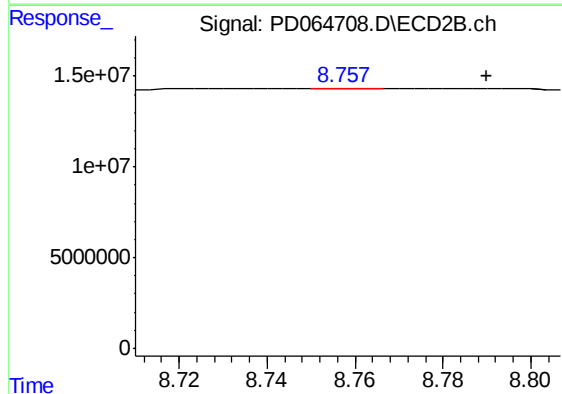
R.T.: 8.355 min
Delta R.T.: -0.018 min
Response: 2193919
Conc: 19.15 ng/ml



#25 Toxaphene-4

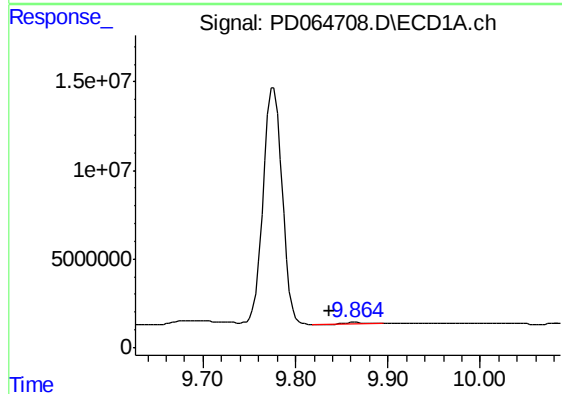
R.T.: 0.000 min
Exp R.T.: 9.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM073



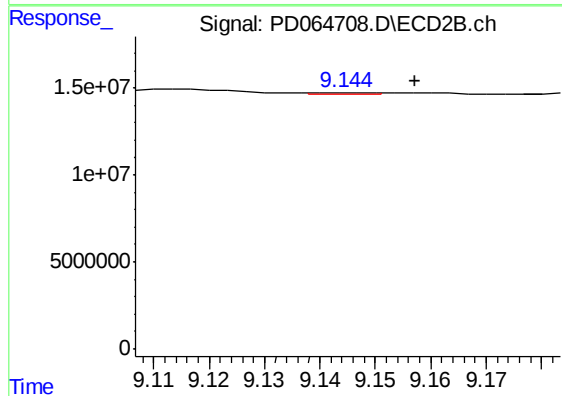
#25 Toxaphene-4

R.T.: 8.758 min
Delta R.T.: -0.032 min
Response: 223688
Conc: 3.97 ng/ml



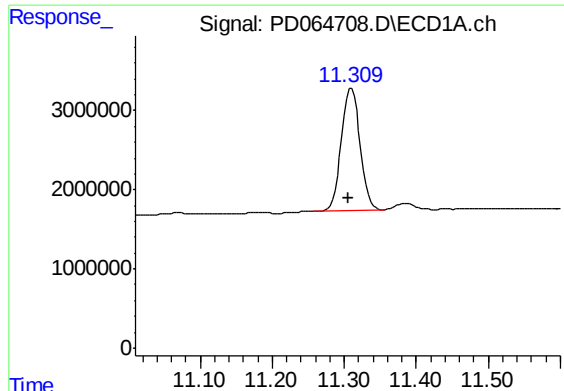
#26 Toxaphene-5

R.T.: 9.866 min
Delta R.T.: 0.029 min
Response: 1048489
Conc: 56.79 ng/ml



#26 Toxaphene-5

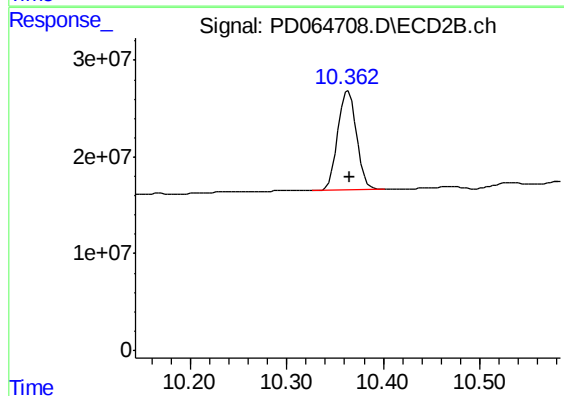
R.T.: 9.146 min
Delta R.T.: -0.011 min
Response: 481295
Conc: 3.83 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.310 min
Delta R.T.: 0.005 min
Response: 27786165
Conc: 21.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM073



#27 Decachlorobiphenyl

R.T.: 10.364 min
Delta R.T.: -0.002 min
Response: 135182516
Conc: 22.73 ng/ml