Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092318\
Data File : PD049390.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Sep 2018 9:28
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 01:57:57 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092318.M
Quant Title : GC Extractables
QLast Update : Mon Sep 24 01:44:23 2018
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...	3.295	3.913	19246220	190.1E6	19.154	21.177	
28)	SA Decachlor...	7.950	8.901	22268125	72861214	20.593	21.616	
	Target Compounds							
2)	A alpha-BHC	3.721	4.290	14125496	135.1E6	8.684	10.314	
3)	MA gamma-BHC...	3.994	4.568	14454737	130.1E6	9.401	10.828	
4)	MA Heptachlor	4.241f	5.030f	6396778	2284287	4.285	0.244	#
5)	MB Aldrin	0.000	5.357	0	1169751	N.D.	0.110	#
6)	B beta-BHC	4.241	4.728	6396778	51458083	10.124	10.932	
7)	B delta-BHC	0.000	4.929	0	279953	N.D.	0.027	#
8)	B Heptachlo...	0.000	5.742	0	2247232	N.D.	0.230	#
9)	A Endosulfan I	0.000	6.082	0	1125643	N.D.	0.129	#
10)	B gamma-Chl...	0.000	5.982	0	240547	N.D.	0.026	#
11)	B alpha-Chl...	0.000	6.063	0	420951	N.D.	0.046	#
12)	B 4,4'-DDE	0.000	6.216	0	3801416	N.D.	0.550	#
13)	MA Dieldrin	0.000	6.374	0	298428	N.D.	0.032	#
14)	MA Endrin	5.769	6.573	58358609	361.2E6	46.433	49.710	
15)	B Endosulfa...	0.000	6.798	0	2235497	N.D.	0.310	#
16)	A 4,4'-DDD	0.000	6.697	0	6414127	N.D.	1.472	#
17)	MA 4,4'-DDT	6.138	6.993	122.0E6	482.1E6	105.321	104.380	
18)	B Endrin al...	6.210	6.898	1887980	14648352	1.741	2.648	#
20)	A Methoxychlor	6.686	7.447	145.5E6	382.9E6	261.524	268.851	
21)	B Endrin ke...	6.901	7.583	2730876	10927330	1.994	1.708	
23)	Chlordane-1	0.000	4.929	0	279953	N.D.	0.661	#
24)	Chlordane-2	0.000	5.357	0	1169751	N.D.	2.827	#
25)	Chlordane-3	0.000	5.982	0	240547	N.D.	0.179	#
26)	Chlordane-4	0.000	6.063	0	420951	N.D.	0.268	#
27)	Chlordane-5	0.000	6.898	0	14648352	N.D.	47.359	#

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

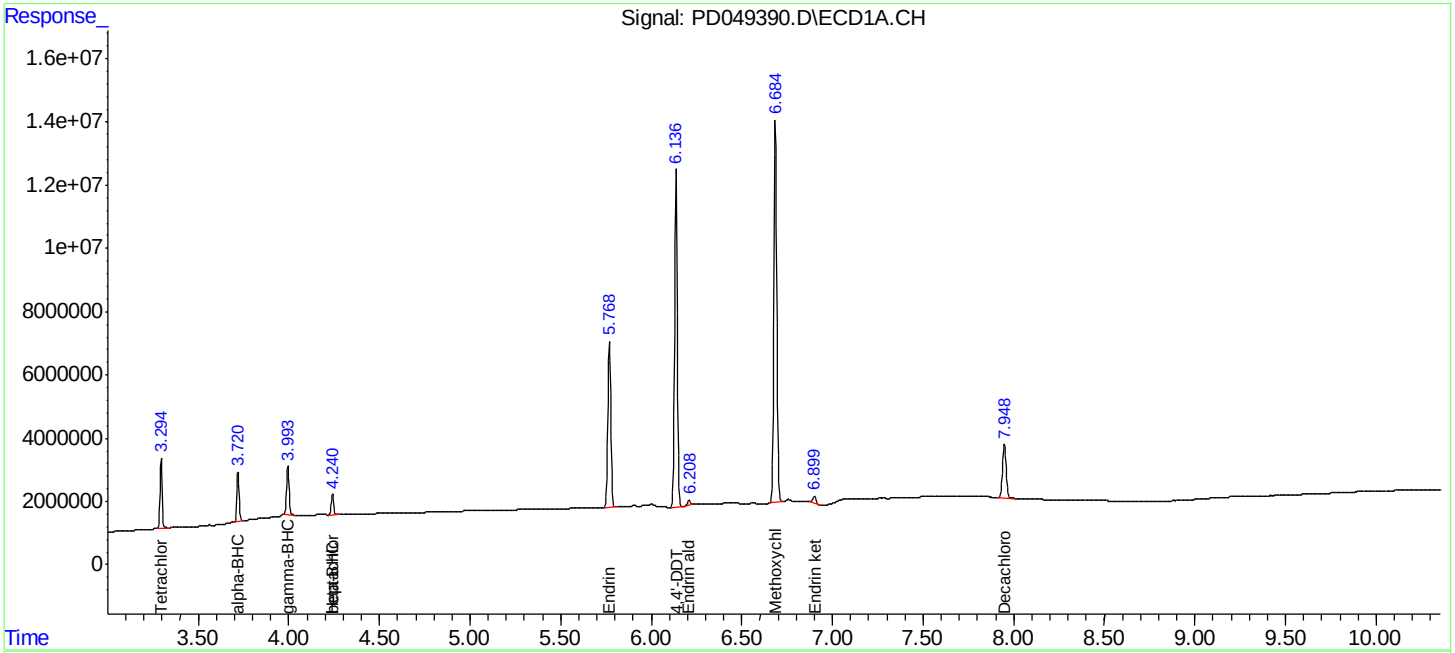
Quantitation Report (Not Reviewed)

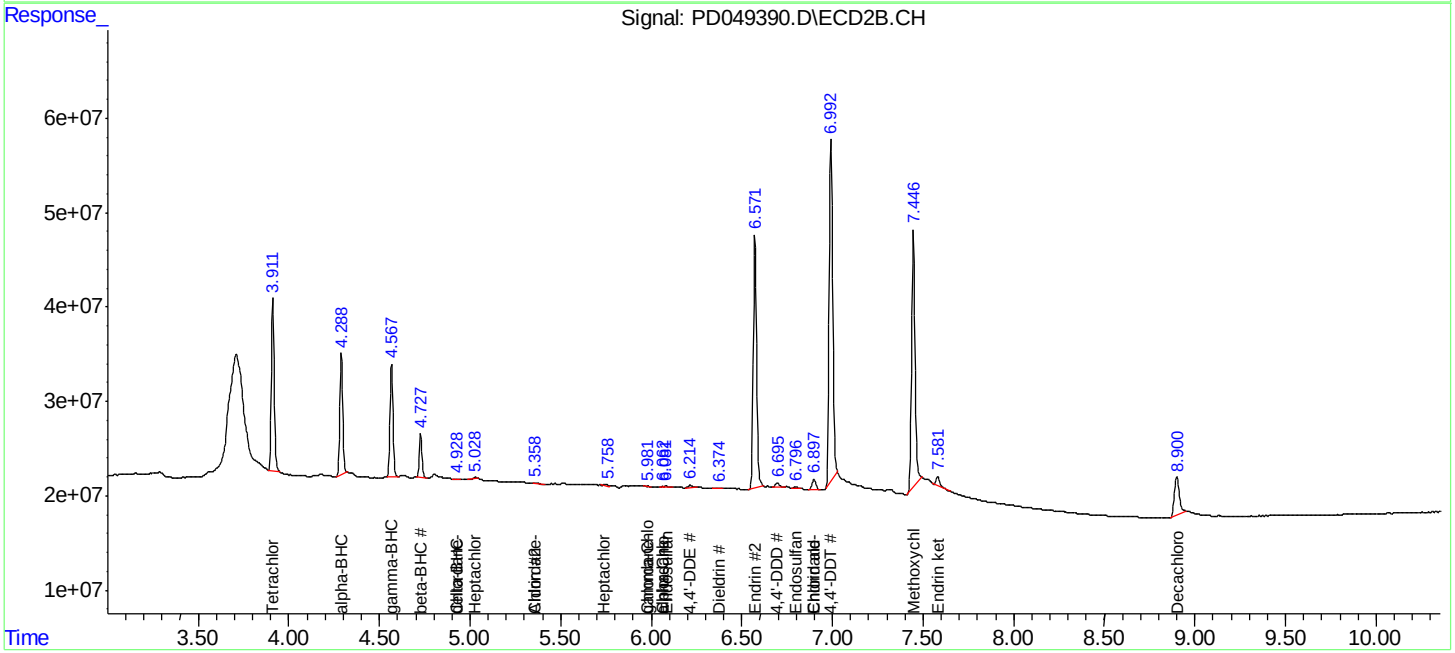
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092318\
Data File : PD049390.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Sep 2018 9:28
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 21 Sample Multiplier: 1

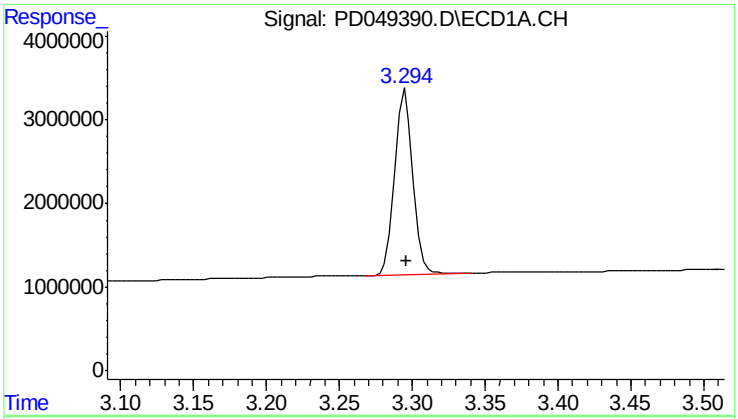
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 01:57:57 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092318.M
Quant Title : GC Extractables
QLast Update : Mon Sep 24 01:44:23 2018
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



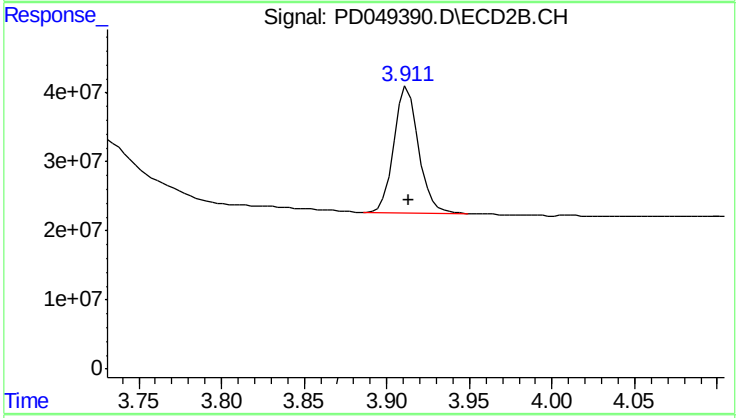




#1 Tetrachloro-m-xylene

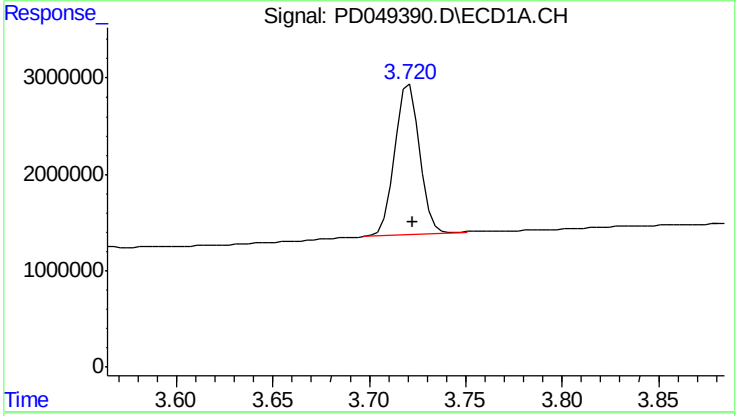
R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 19246220
Conc: 19.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



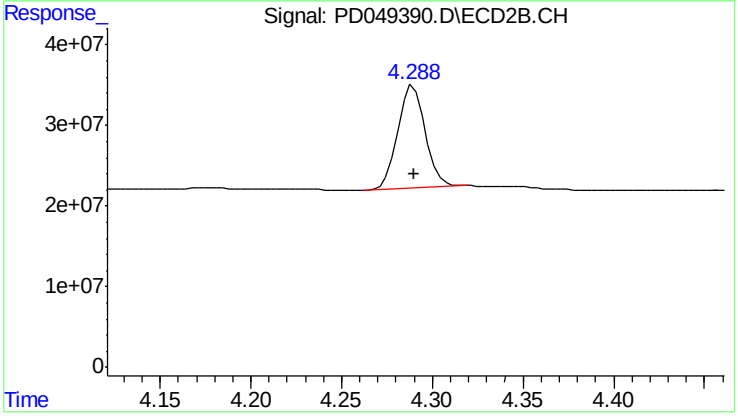
#1 Tetrachloro-m-xylene

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 190133198
Conc: 21.18 ng/ml



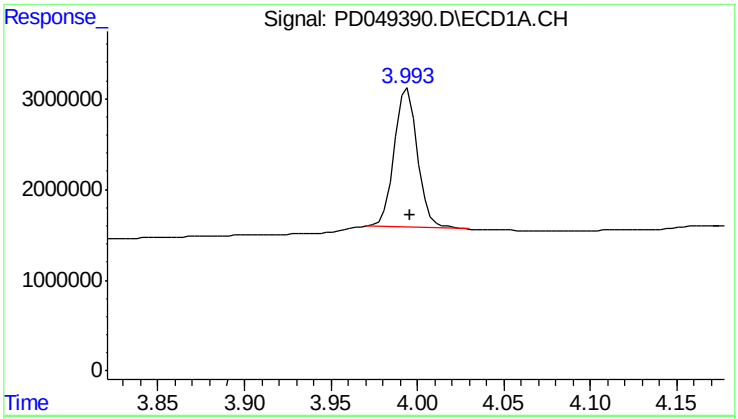
#2 alpha-BHC

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 14125496
Conc: 8.68 ng/ml



#2 alpha-BHC

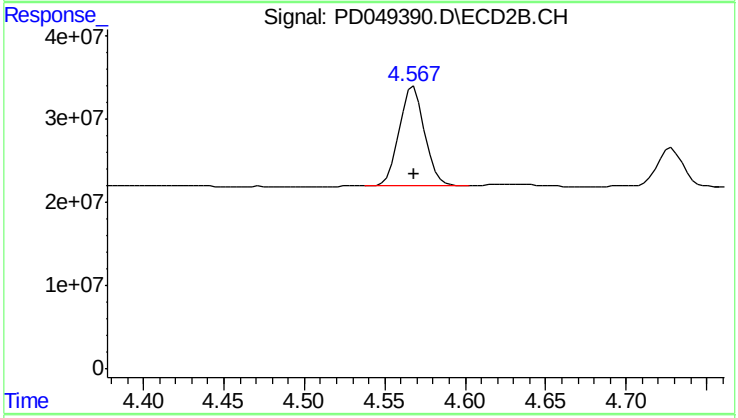
R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 135055318
Conc: 10.31 ng/ml



#3 gamma-BHC (Lindane)

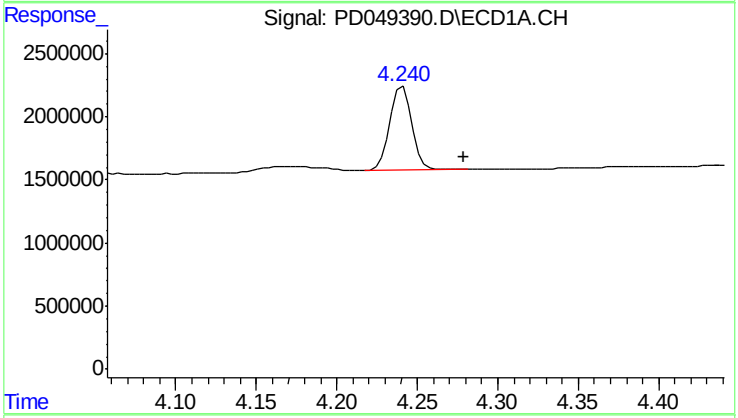
R.T.: 3.994 min
Delta R.T.: -0.001 min
Response: 14454737
Conc: 9.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



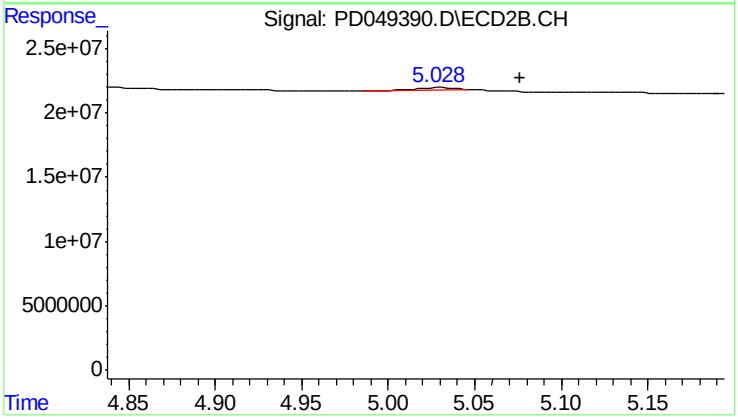
#3 gamma-BHC (Lindane)

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 130109421
Conc: 10.83 ng/ml



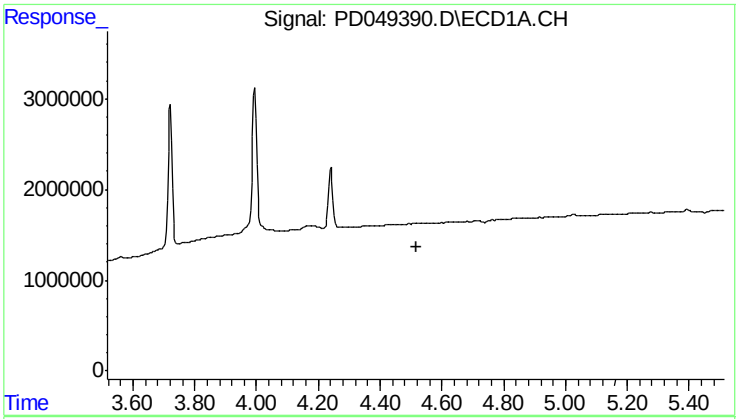
#4 Heptachlor

R.T.: 4.241 min
Delta R.T.: -0.038 min
Response: 6396778
Conc: 4.29 ng/ml



#4 Heptachlor

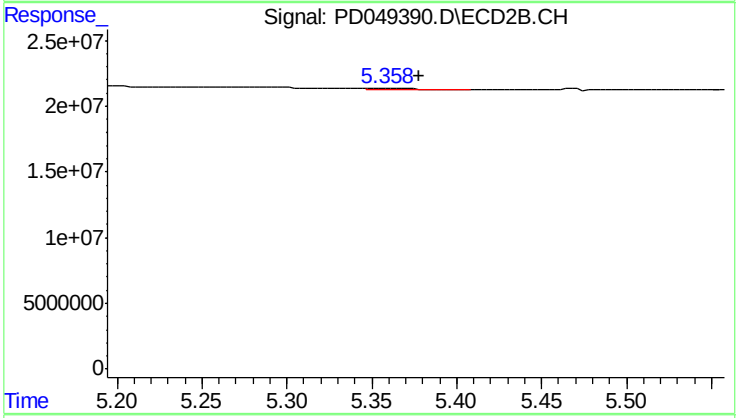
R.T.: 5.030 min
Delta R.T.: -0.046 min
Response: 2284287
Conc: 0.24 ng/ml



#5 Aldrin

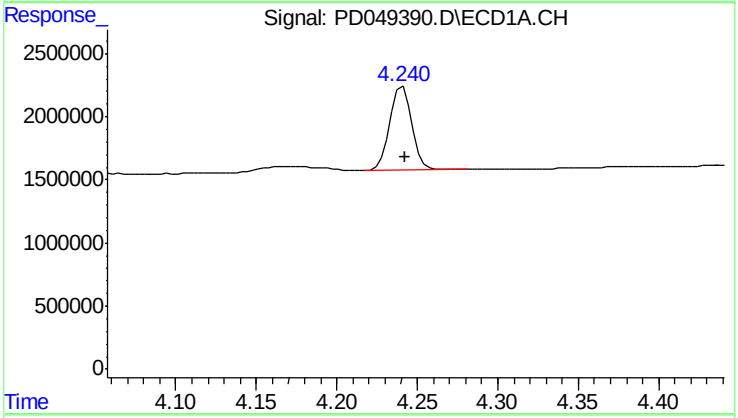
R.T.: 0.000 min
Exp R.T. : 4.517 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



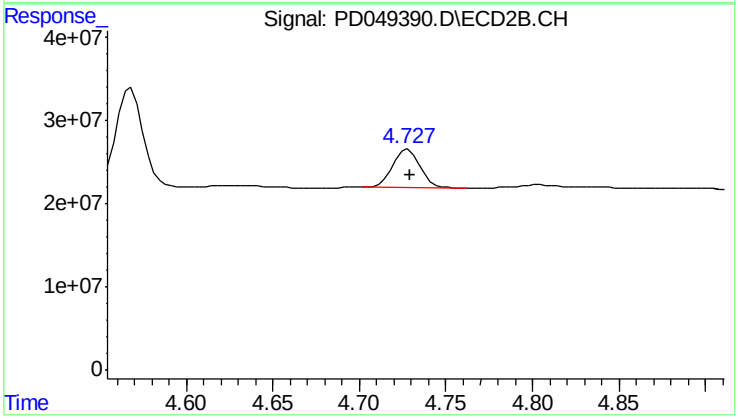
#5 Aldrin

R.T.: 5.357 min
Delta R.T.: -0.021 min
Response: 1169751
Conc: 0.11 ng/ml



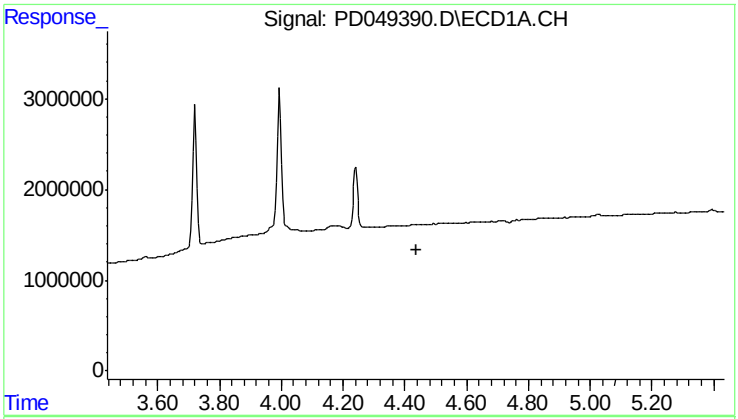
#6 beta-BHC

R.T.: 4.241 min
Delta R.T.: -0.001 min
Response: 6396778
Conc: 10.12 ng/ml



#6 beta-BHC

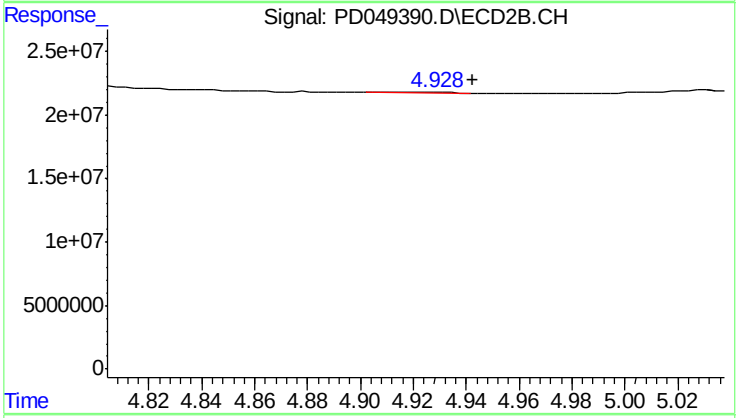
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 51458083
Conc: 10.93 ng/ml



#7 delta-BHC

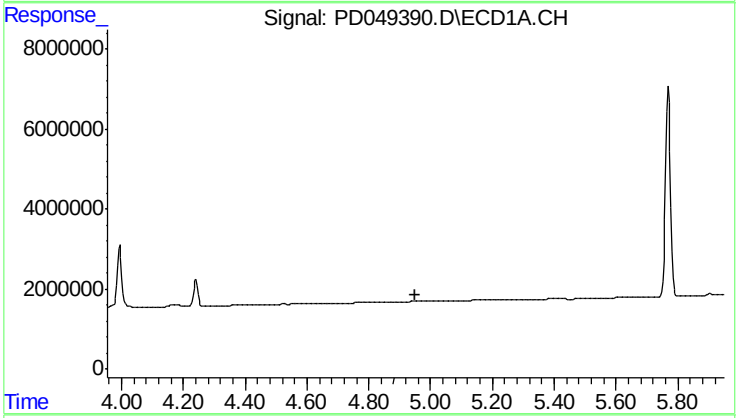
R.T.: 0.000 min
Exp R.T. : 4.437 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



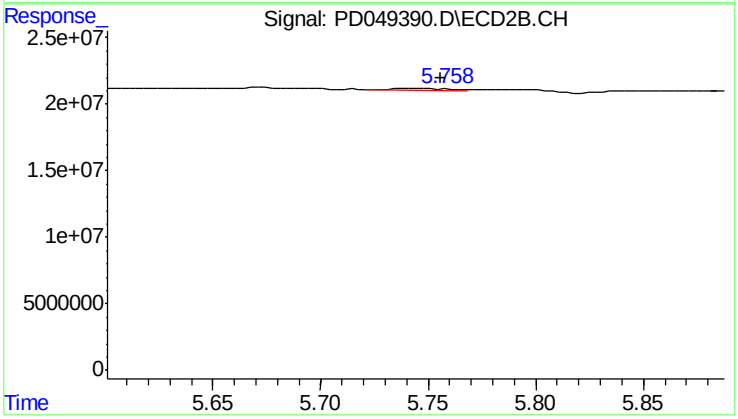
#7 delta-BHC

R.T.: 4.929 min
Delta R.T.: -0.014 min
Response: 279953
Conc: 0.03 ng/ml



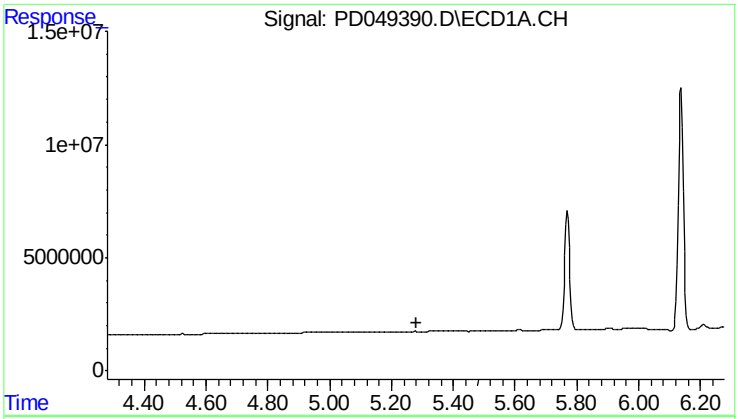
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.951 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

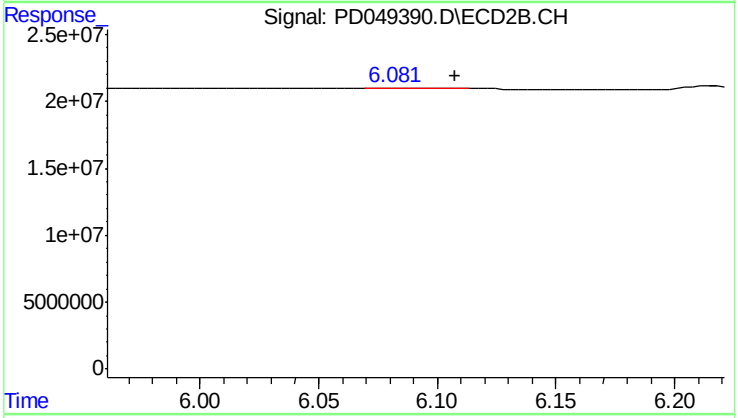
R.T.: 5.742 min
Delta R.T.: -0.014 min
Response: 2247232
Conc: 0.23 ng/ml



#9 Endosulfan I

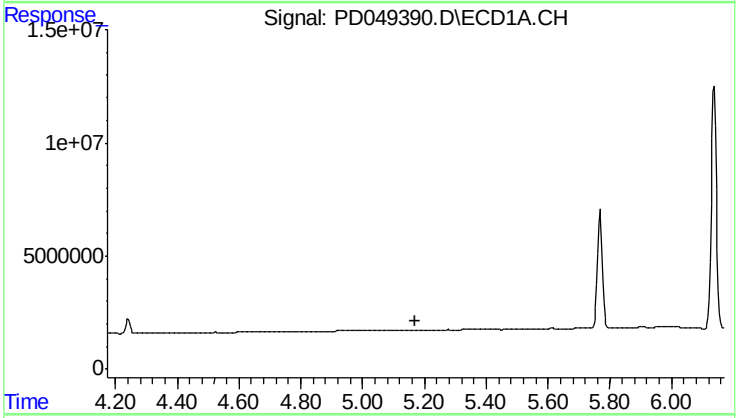
R.T.: 0.000 min
Exp R.T. : 5.280 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



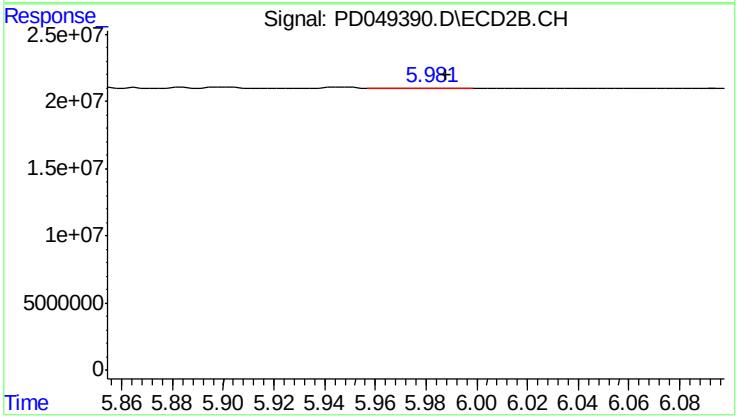
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: -0.026 min
Response: 1125643
Conc: 0.13 ng/ml



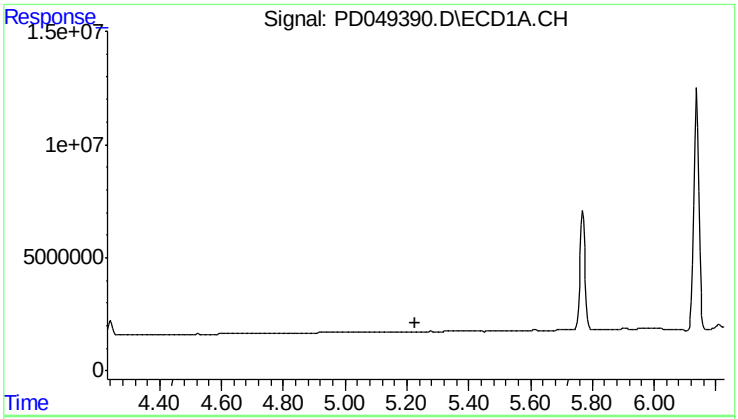
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

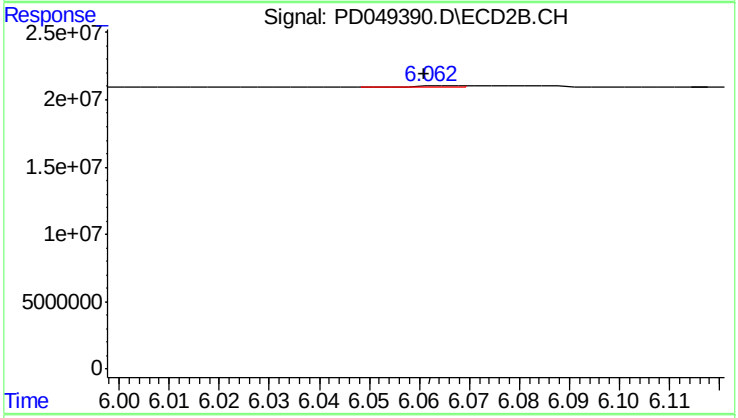
R.T.: 5.982 min
Delta R.T.: -0.005 min
Response: 240547
Conc: 0.03 ng/ml



#11 alpha-Chlordane

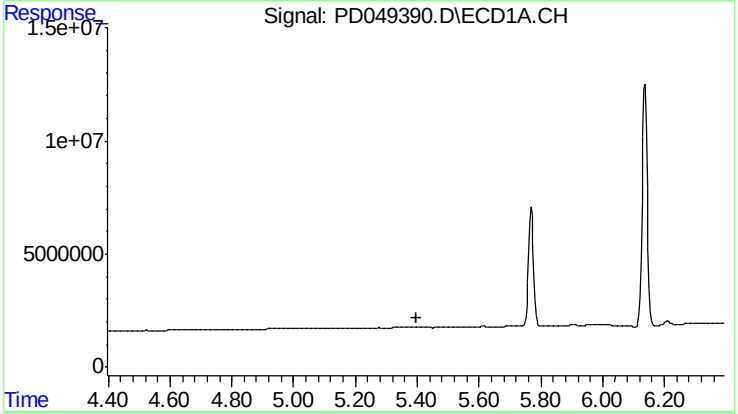
R.T.: 0.000 min
Exp R.T. : 5.229 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



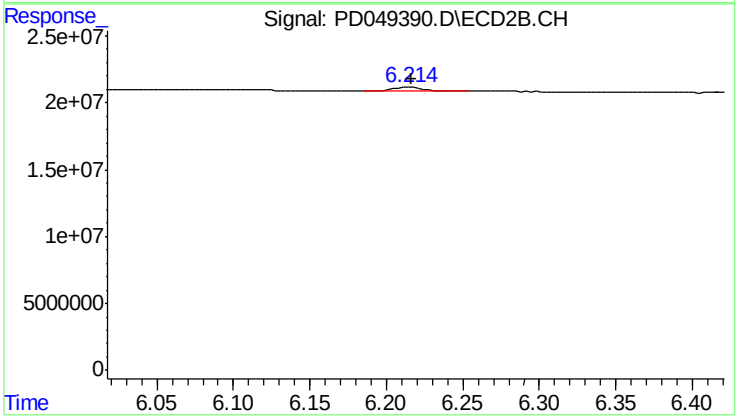
#11 alpha-Chlordane

R.T.: 6.063 min
Delta R.T.: 0.002 min
Response: 420951
Conc: 0.05 ng/ml



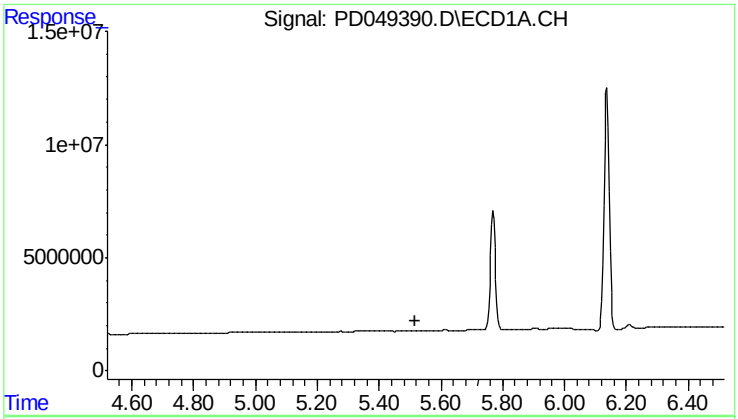
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.397 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

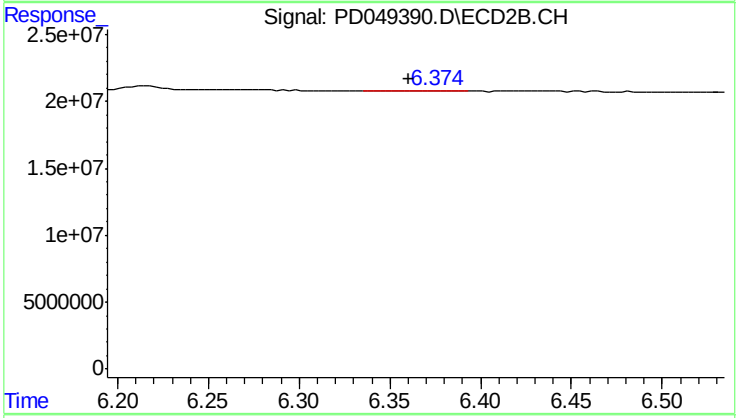
R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 3801416
Conc: 0.55 ng/ml



#13 Dieldrin

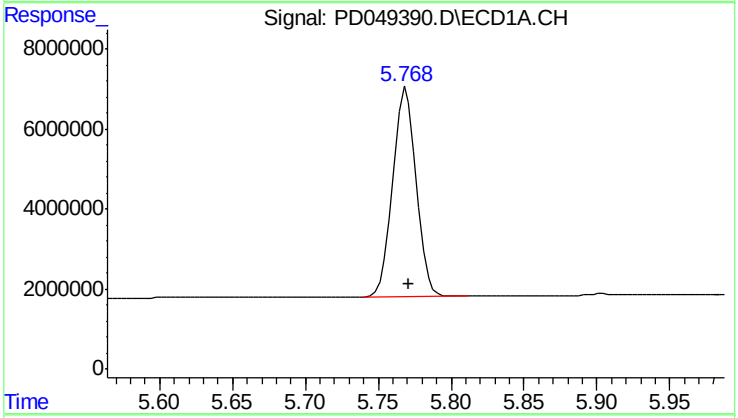
R.T.: 0.000 min
Exp R.T. : 5.519 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



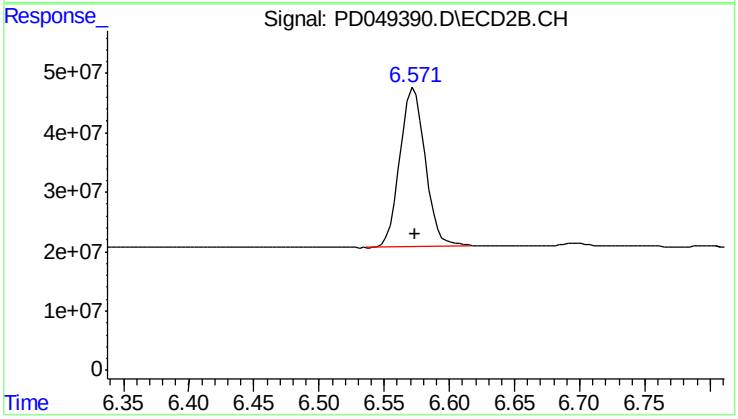
#13 Dieldrin

R.T.: 6.374 min
Delta R.T.: 0.014 min
Response: 298428
Conc: 0.03 ng/ml



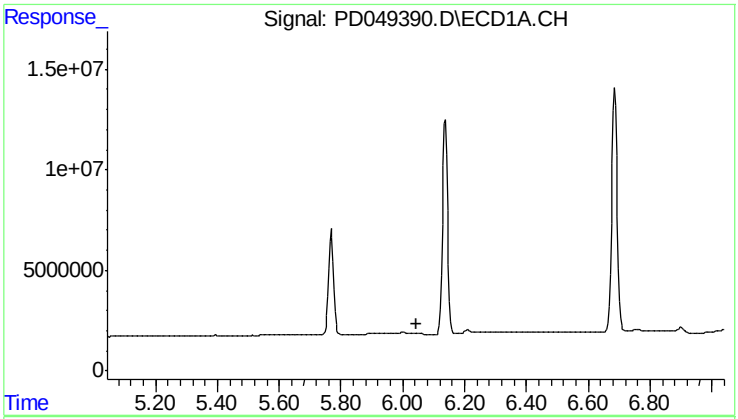
#14 Endrin

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 58358609
Conc: 46.43 ng/ml



#14 Endrin

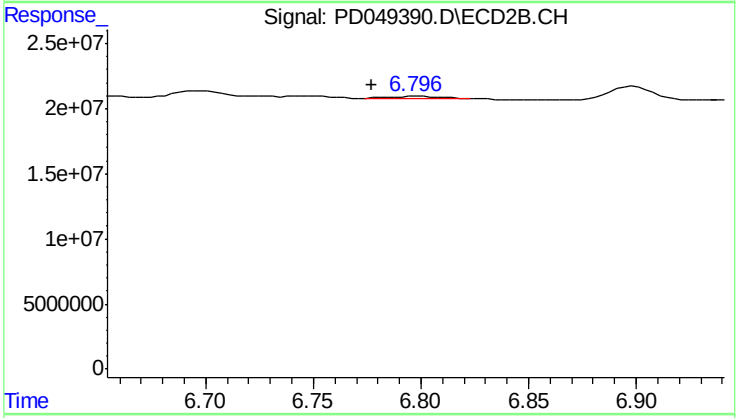
R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 361154949
Conc: 49.71 ng/ml



#15 Endosulfan II

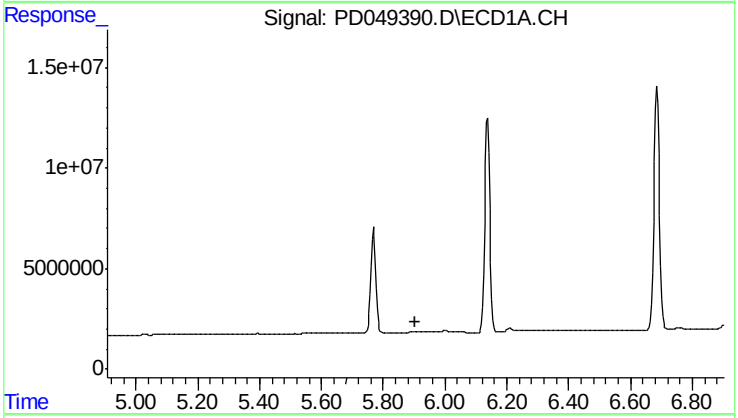
R.T.: 0.000 min
Exp R.T. : 6.043 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



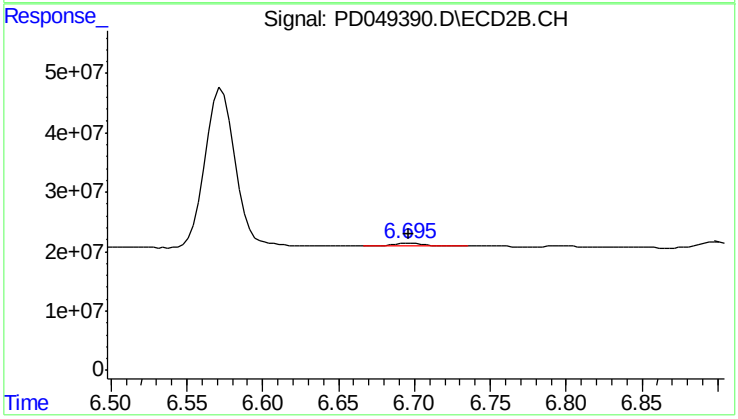
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.021 min
Response: 2235497
Conc: 0.31 ng/ml



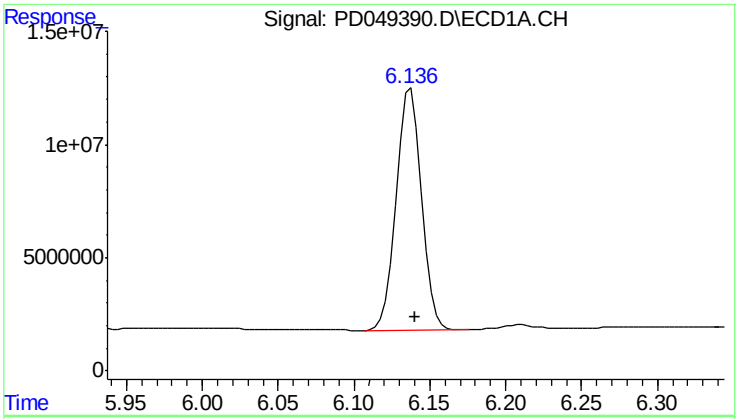
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.905 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

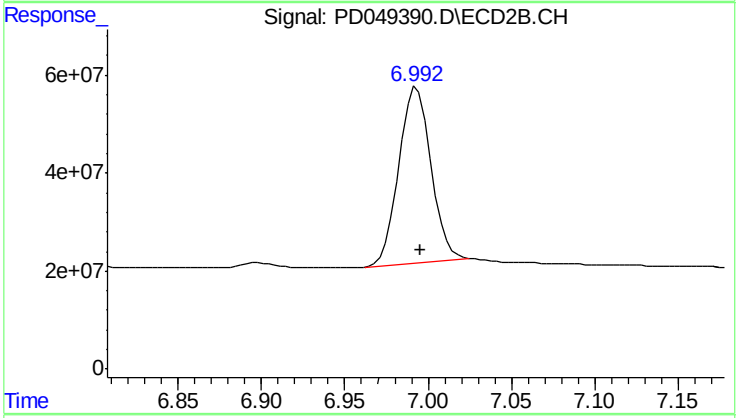
R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 6414127
Conc: 1.47 ng/ml



#17 4,4'-DDT

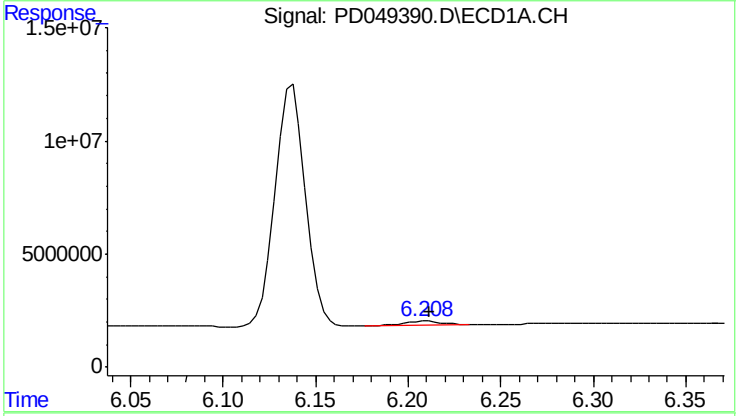
R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 122024564
Conc: 105.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



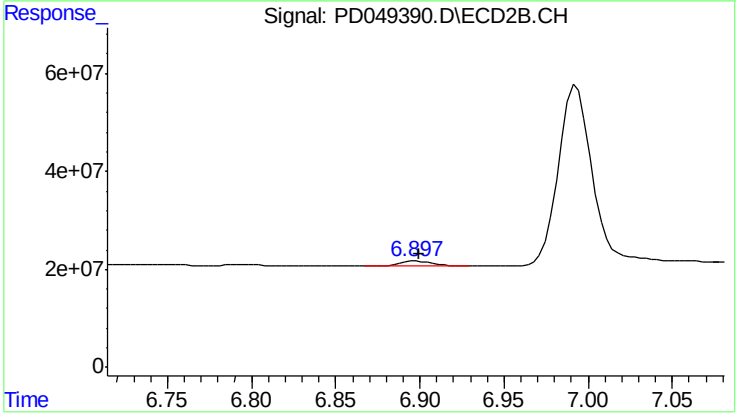
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 482115093
Conc: 104.38 ng/ml



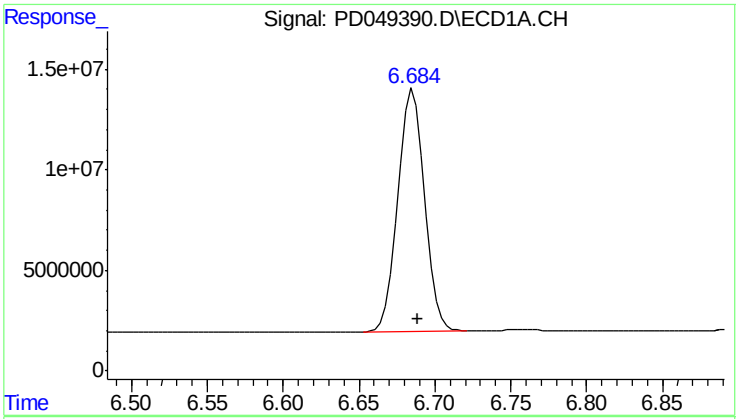
#18 Endrin aldehyde

R.T.: 6.210 min
Delta R.T.: -0.002 min
Response: 1887980
Conc: 1.74 ng/ml



#18 Endrin aldehyde

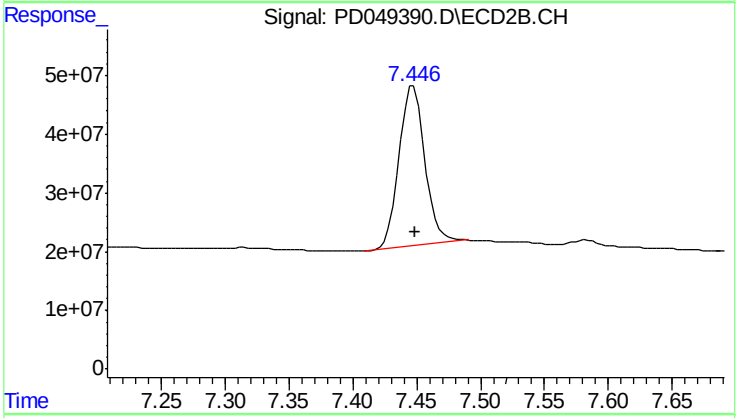
R.T.: 6.898 min
Delta R.T.: -0.001 min
Response: 14648352
Conc: 2.65 ng/ml



#20 Methoxychlor

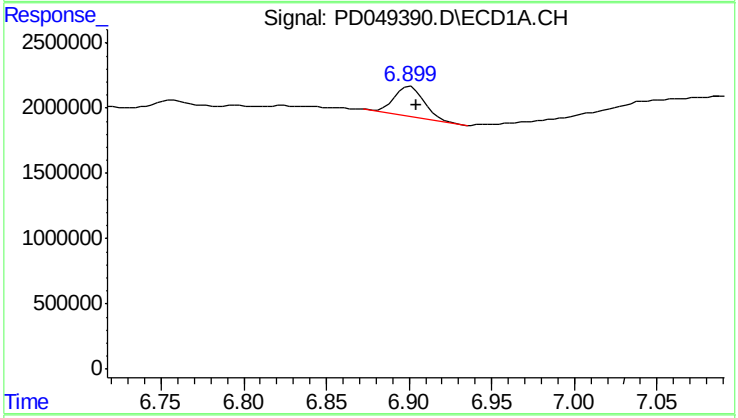
R.T.: 6.686 min
Delta R.T.: -0.003 min
Response: 145491364
Conc: 261.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



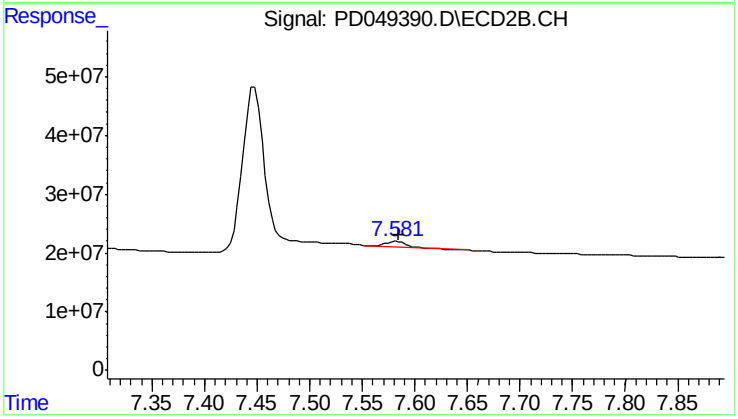
#20 Methoxychlor

R.T.: 7.447 min
Delta R.T.: -0.002 min
Response: 382901302
Conc: 268.85 ng/ml



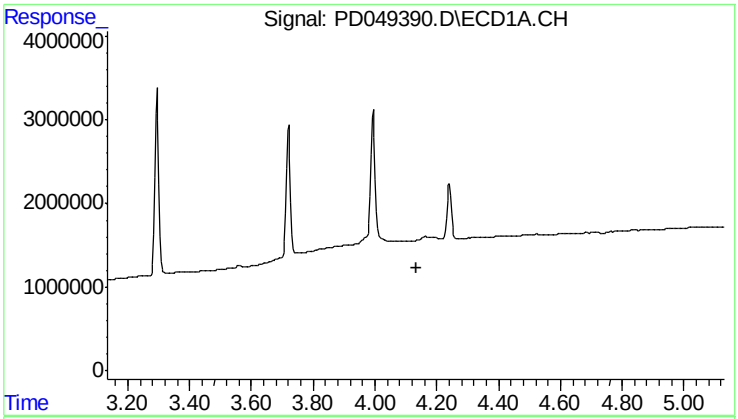
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.004 min
Response: 2730876
Conc: 1.99 ng/ml



#21 Endrin ketone

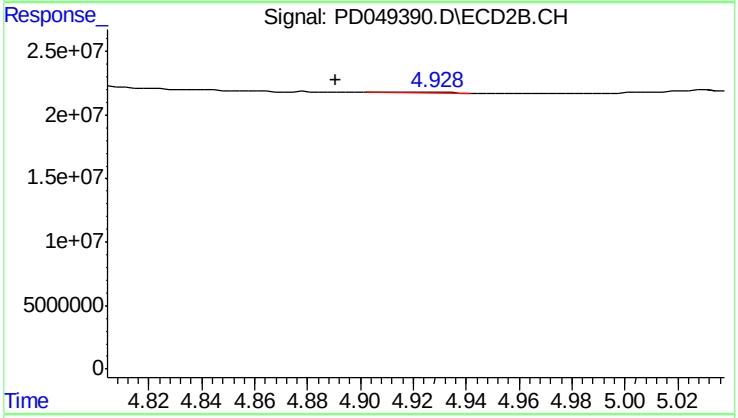
R.T.: 7.583 min
Delta R.T.: -0.002 min
Response: 10927330
Conc: 1.71 ng/ml



#23 Chlordane-1

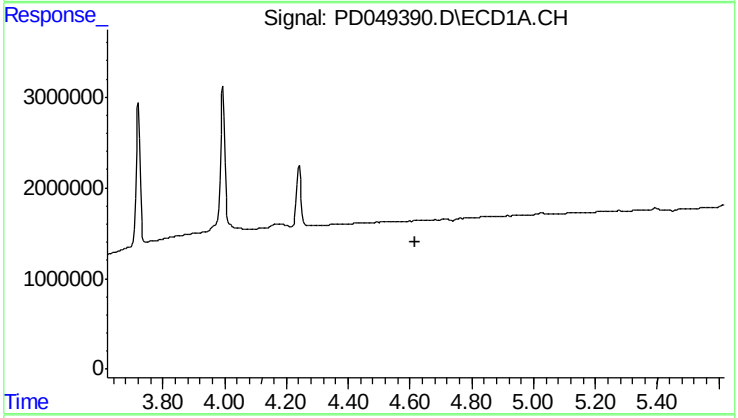
R.T.: 0.000 min
Exp R.T. : 4.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



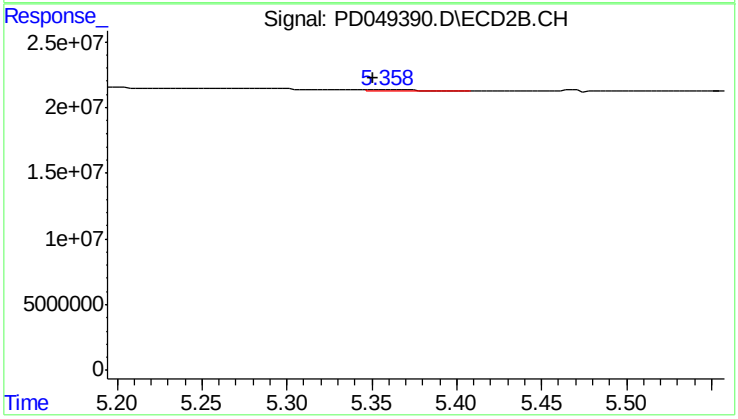
#23 Chlordane-1

R.T.: 4.929 min
Delta R.T.: 0.038 min
Response: 279953
Conc: 0.66 ng/ml



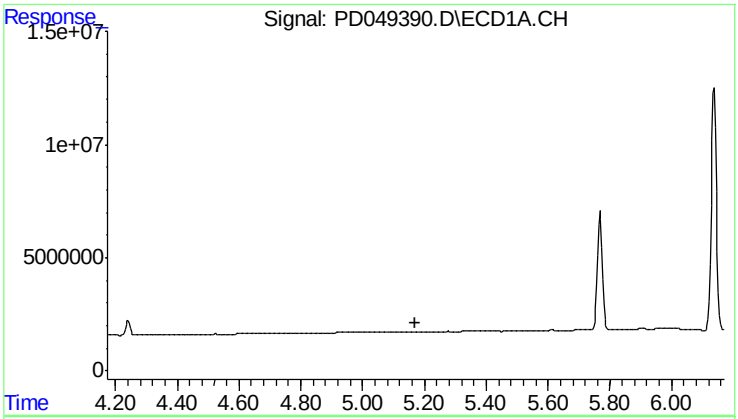
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#24 Chlordane-2

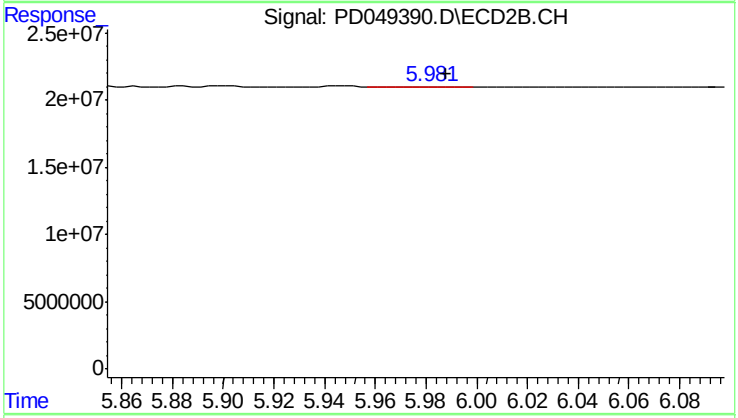
R.T.: 5.357 min
Delta R.T.: 0.006 min
Response: 1169751
Conc: 2.83 ng/ml



#25 Chlordane-3

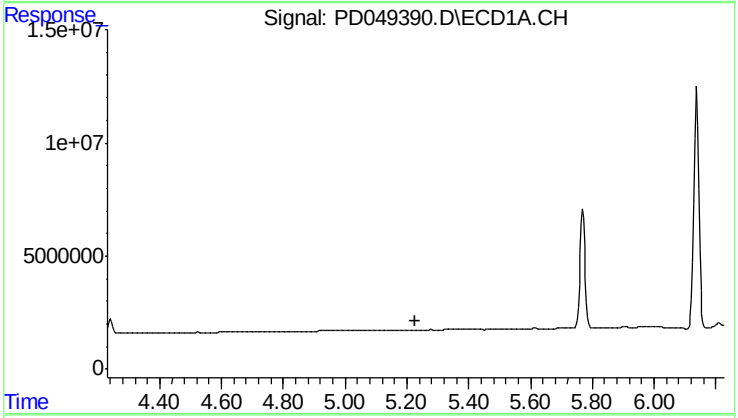
R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



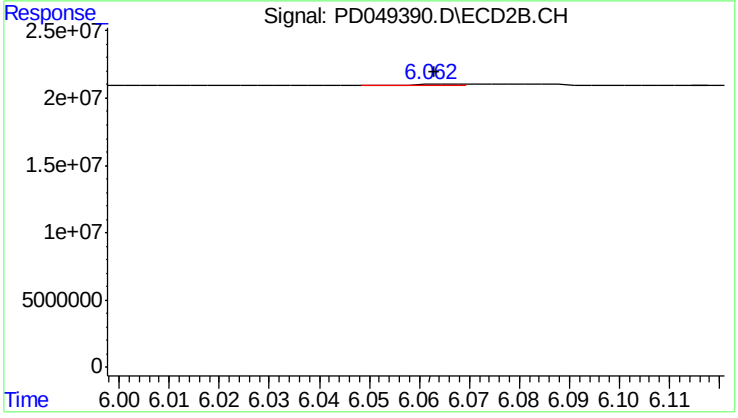
#25 Chlordane-3

R.T.: 5.982 min
Delta R.T.: -0.005 min
Response: 240547
Conc: 0.18 ng/ml



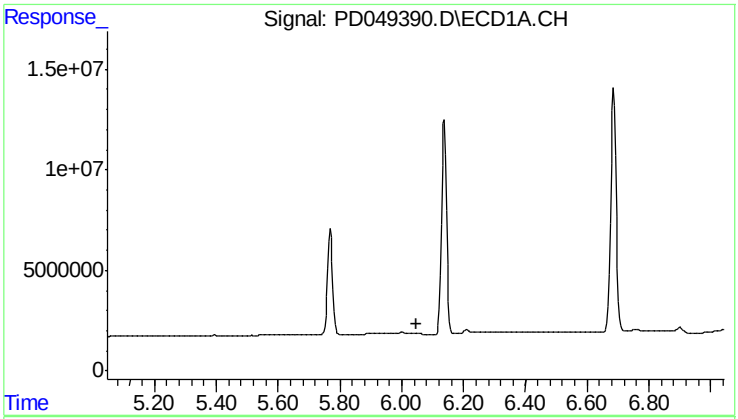
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.228 min
Response: 0
Conc: N.D.



#26 Chlordane-4

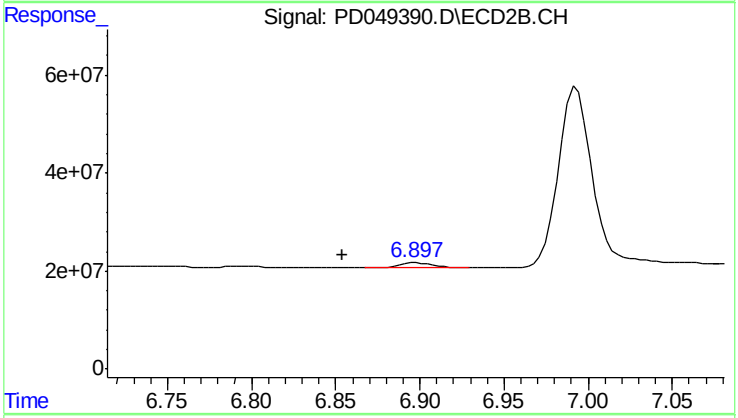
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 420951
Conc: 0.27 ng/ml



#27 Chlordane-5

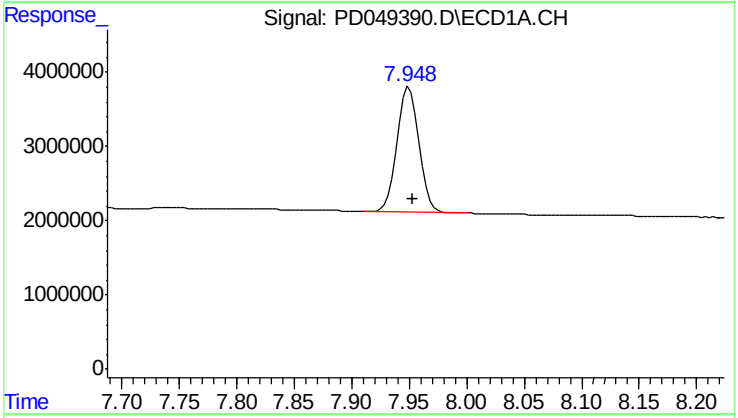
R.T.: 0.000 min
Exp R.T. : 6.046 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



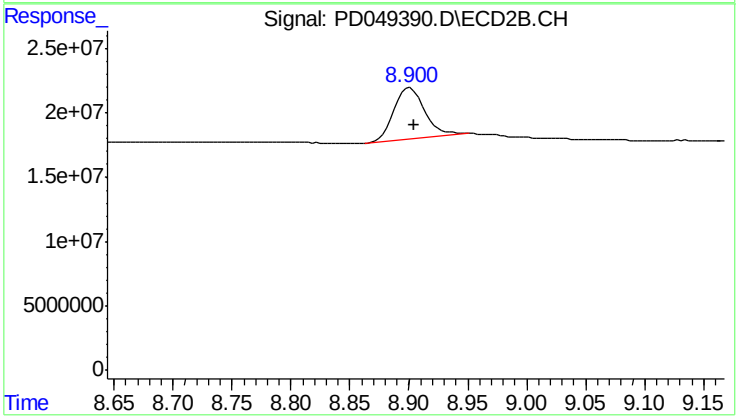
#27 Chlordane-5

R.T.: 6.898 min
Delta R.T.: 0.045 min
Response: 14648352
Conc: 47.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: -0.004 min
Response: 22268125
Conc: 20.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.901 min
Delta R.T.: -0.003 min
Response: 72861214
Conc: 21.62 ng/ml