

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120820\
 Data File : PD060636.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2020 09:21
 Operator : DD\AJ
 Sample : PEM22
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM011

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 00:38:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120420CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 04 03:58:39 2020
 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...	3.504	4.022	20490886	77974560	17.539	19.824
27)	SA Decachlor...	8.294	9.112	26331692	60958738	17.663	18.832
Target Compounds							
2)	A alpha-BHC	3.945	4.414	15005267	61587050	8.910	10.436
3)	MA gamma-BHC...	4.231	4.699	14507598	52705137	8.994	9.829
6)	B beta-BHC	4.481	4.867	7239525	25453727	9.441	10.696
12)	B 4,4'-DDE	0.000	6.367	0	1549536	N.D.	0.351
14)	MA Endrin	6.081	6.739	51831478	156.9E6	40.059	42.576
15)	B Endosulfa...	0.000	6.954	0	2130075	N.D.	0.593
16)	A 4,4'-DDD	6.205	6.859	5028572	14999522	3.914	4.071
17)	MA 4,4'-DDT	6.448	7.158	111.9E6	325.1E6	85.913	90.605
18)	B Endrin al...	6.522	7.072	2165722	5291741	2.018	1.742
19)	B Endosulfa...	6.740	0.000	955175	0	0.801	N.D. #
20)	A Methoxychlor	6.996	7.615	137.0E6	379.7E6	201.486	210.444
21)	B Endrin ke...	7.231	7.767	7616061	12725545	5.261	3.352 #
22)	Toxaphene-1	0.000	6.367	0	1549536	N.D.	54.219
23)	Toxaphene-2	0.000	6.739	0	156.9E6	N.D.	4466.707
24)	Toxaphene-3	6.205	7.158	5028572	325.1E6	330.205	6258.360 #
25)	Toxaphene-4	6.448	7.158	111.9E6	325.1E6	3240.556	2266.719 #
26)	Toxaphene-5	7.067	7.719	364244	4984573	9.733	77.368 #

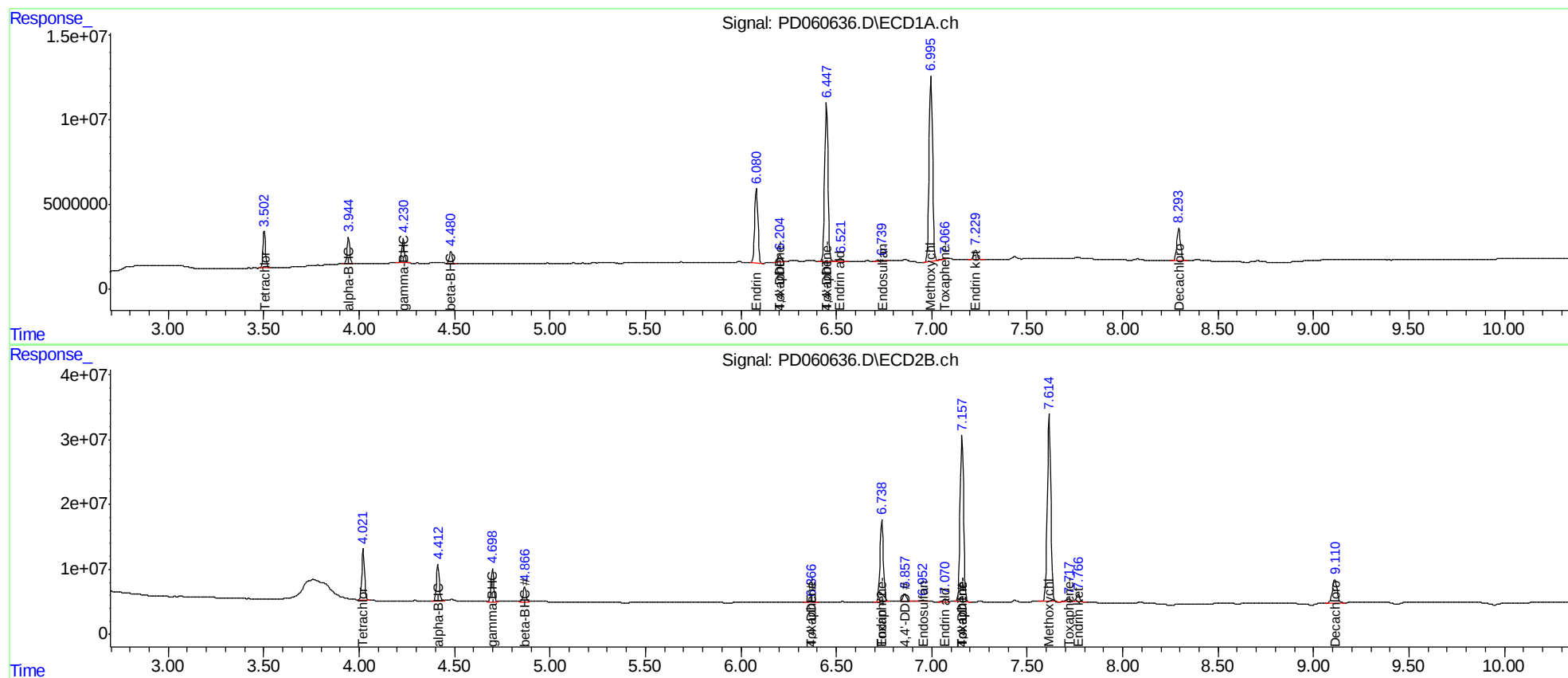
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

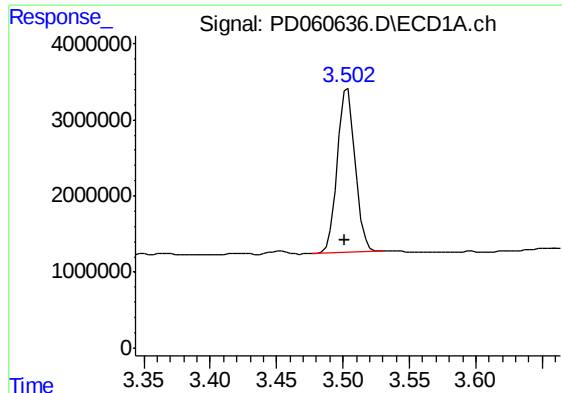
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120420CLP.M
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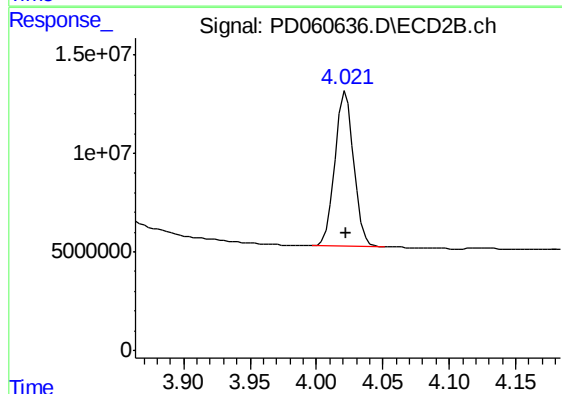




#1 Tetrachloro-m-xylene

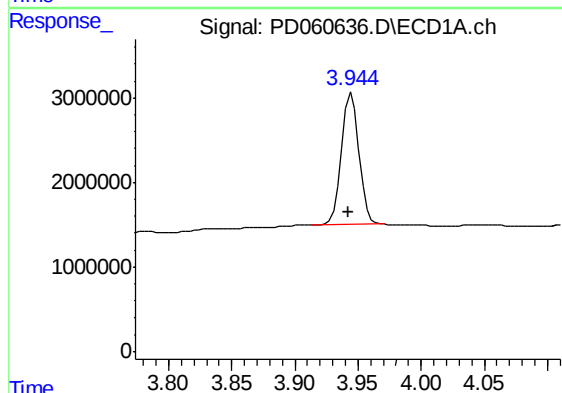
R.T.: 3.504 min
Delta R.T.: 0.003 min
Response: 20490886
Conc: 17.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM011



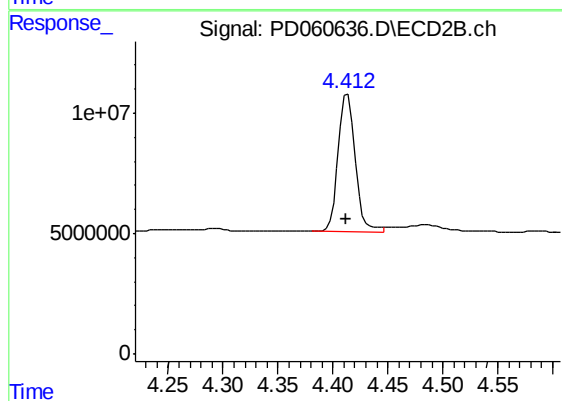
#1 Tetrachloro-m-xylene

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 77974560
Conc: 19.82 ng/ml



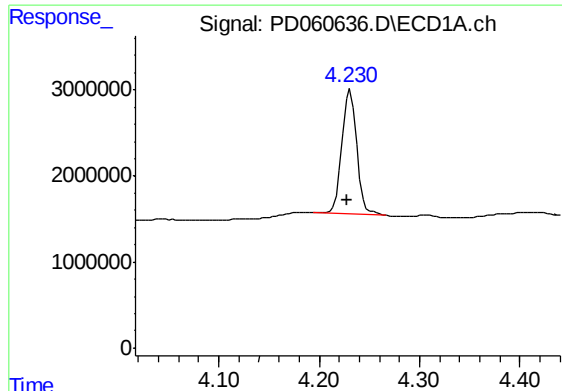
#2 alpha-BHC

R.T.: 3.945 min
Delta R.T.: 0.003 min
Response: 15005267
Conc: 8.91 ng/ml



#2 alpha-BHC

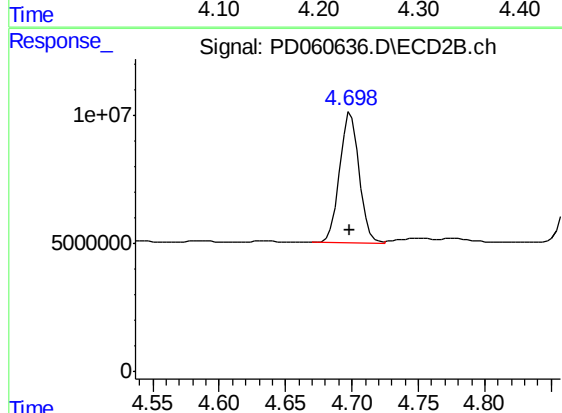
R.T.: 4.414 min
Delta R.T.: 0.001 min
Response: 61587050
Conc: 10.44 ng/ml



#3 gamma-BHC (Lindane)

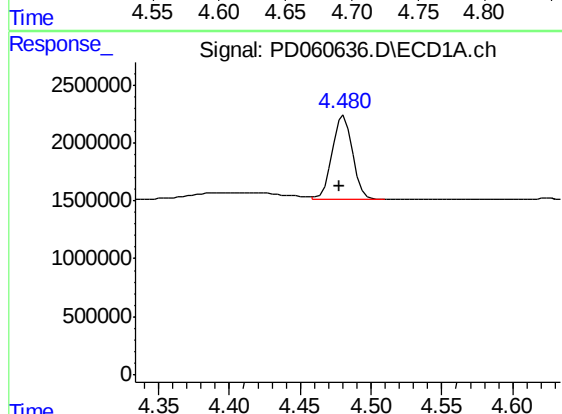
R.T.: 4.231 min
Delta R.T.: 0.003 min
Response: 14507598
Conc: 8.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM011



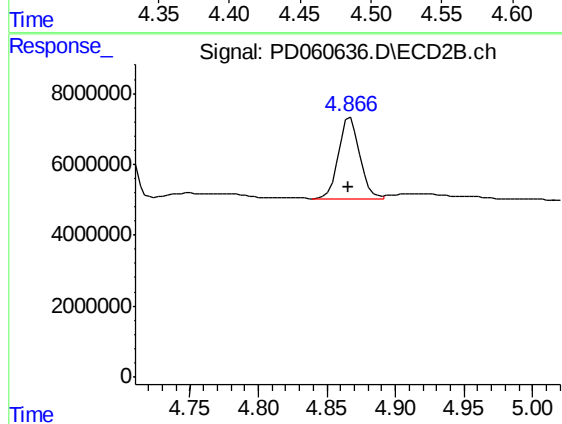
#3 gamma-BHC (Lindane)

R.T.: 4.699 min
Delta R.T.: 0.001 min
Response: 52705137
Conc: 9.83 ng/ml



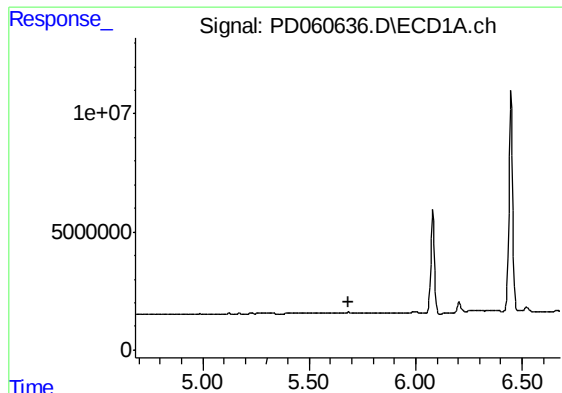
#6 beta-BHC

R.T.: 4.481 min
Delta R.T.: 0.003 min
Response: 7239525
Conc: 9.44 ng/ml



#6 beta-BHC

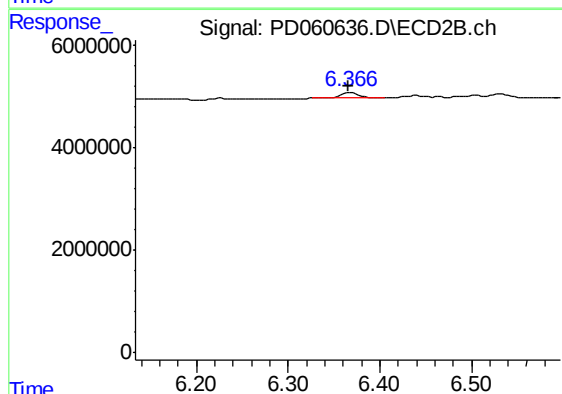
R.T.: 4.867 min
Delta R.T.: 0.001 min
Response: 25453727
Conc: 10.70 ng/ml



#12 4,4'-DDE

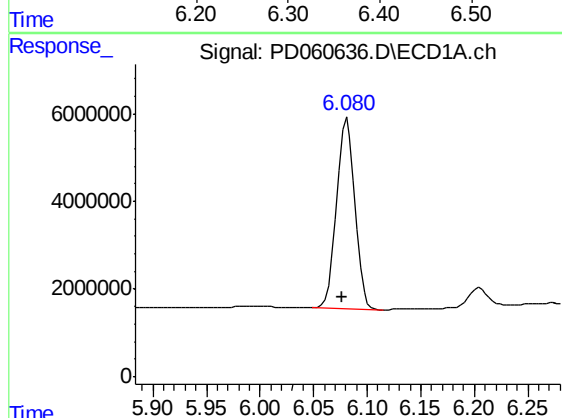
R.T.: 0.000 min
Exp R.T.: 5.683 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM011



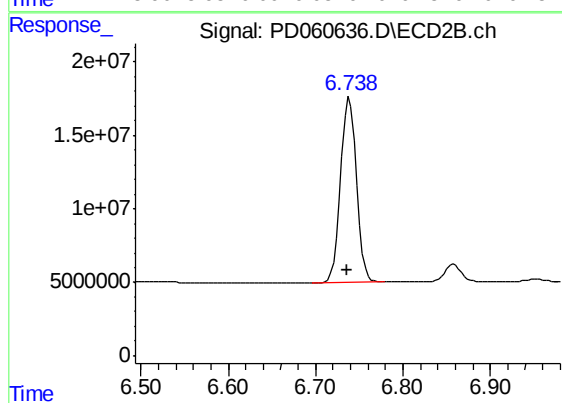
#12 4,4'-DDE

R.T.: 6.367 min
Delta R.T.: 0.002 min
Response: 1549536
Conc: 0.35 ng/ml



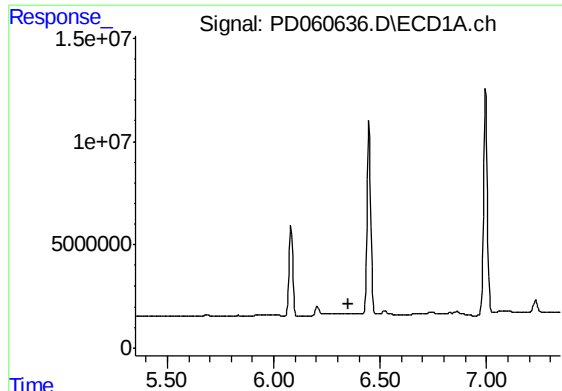
#14 Endrin

R.T.: 6.081 min
Delta R.T.: 0.005 min
Response: 51831478
Conc: 40.06 ng/ml



#14 Endrin

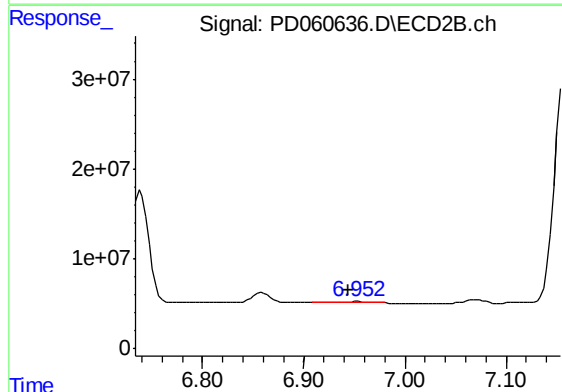
R.T.: 6.739 min
Delta R.T.: 0.003 min
Response: 156949429
Conc: 42.58 ng/ml



#15 Endosulfan II

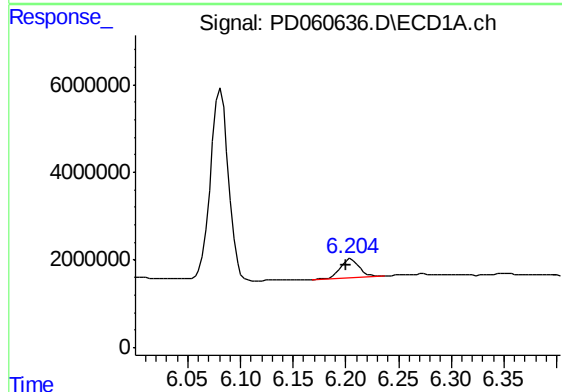
R.T.: 0.000 min
Exp R.T.: 6.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM011



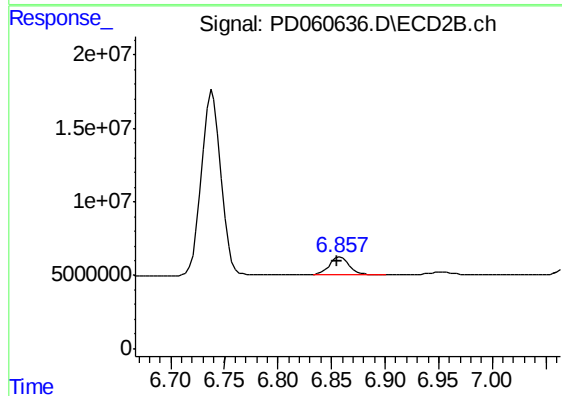
#15 Endosulfan II

R.T.: 6.954 min
Delta R.T.: 0.009 min
Response: 2130075
Conc: 0.59 ng/ml



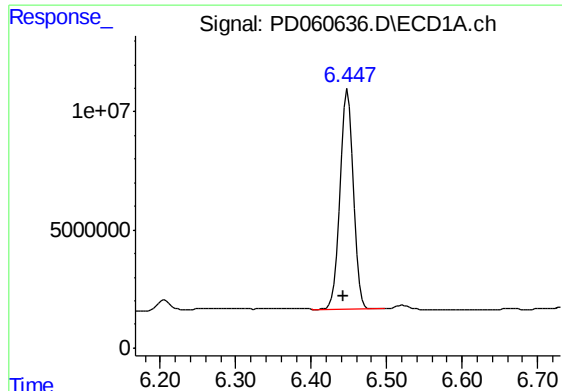
#16 4,4'-DDD

R.T.: 6.205 min
Delta R.T.: 0.005 min
Response: 5028572
Conc: 3.91 ng/ml



#16 4,4'-DDD

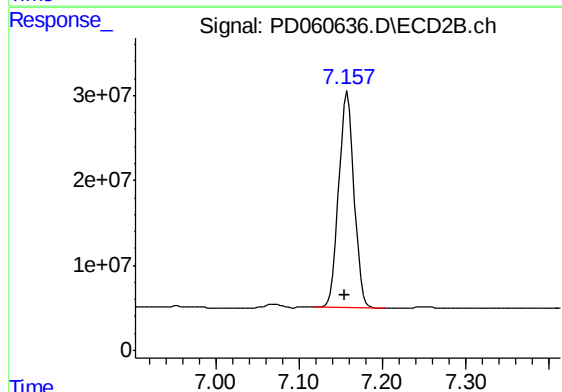
R.T.: 6.859 min
Delta R.T.: 0.003 min
Response: 14999522
Conc: 4.07 ng/ml



#17 4,4'-DDT

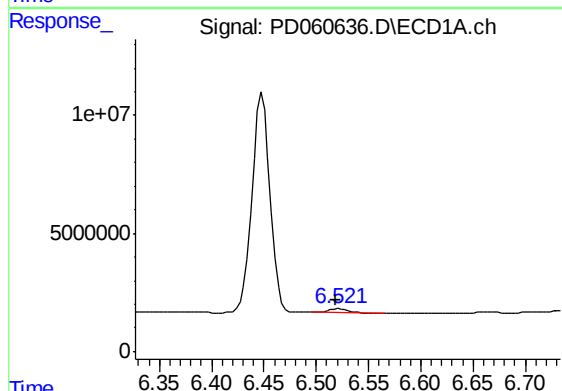
R.T.: 6.448 min
Delta R.T.: 0.005 min
Response: 111895609
Conc: 85.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM011



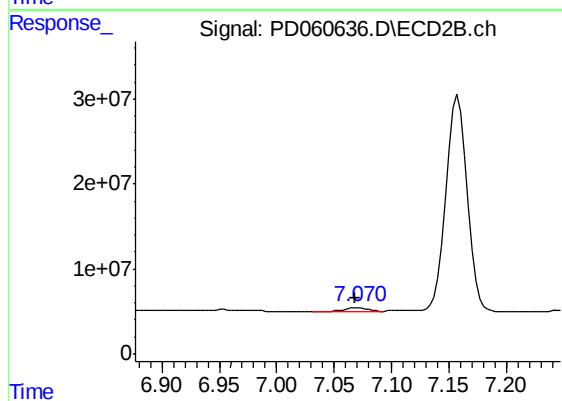
#17 4,4'-DDT

R.T.: 7.158 min
Delta R.T.: 0.003 min
Response: 325112016
Conc: 90.61 ng/ml



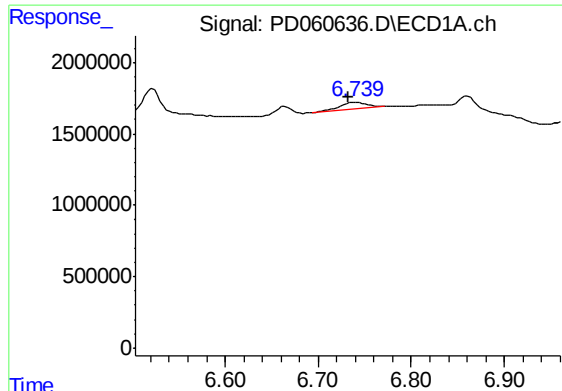
#18 Endrin aldehyde

R.T.: 6.522 min
Delta R.T.: 0.003 min
Response: 2165722
Conc: 2.02 ng/ml



#18 Endrin aldehyde

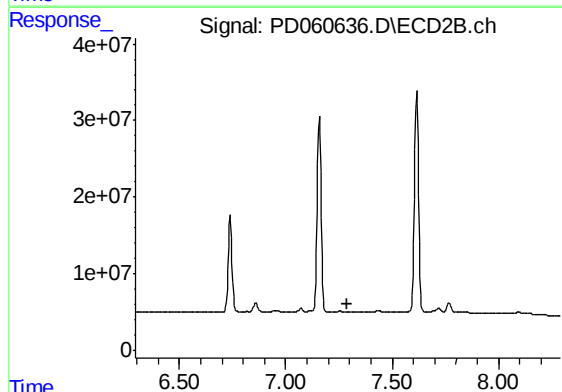
R.T.: 7.072 min
Delta R.T.: 0.004 min
Response: 5291741
Conc: 1.74 ng/ml



#19 Endosulfan Sulfate

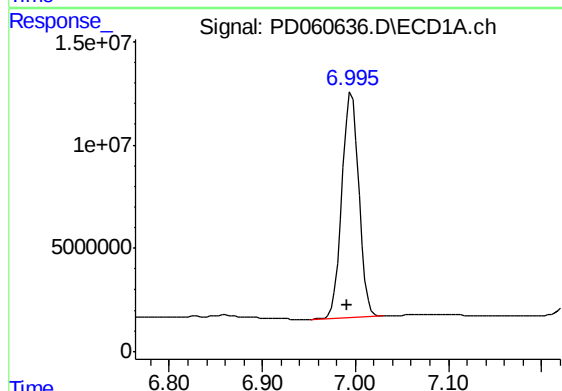
R.T.: 6.740 min
Delta R.T.: 0.008 min
Response: 955175
Conc: 0.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM011



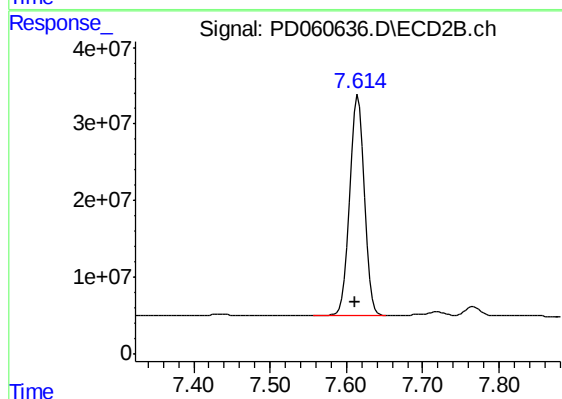
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.291 min
Response: 0
Conc: N.D.



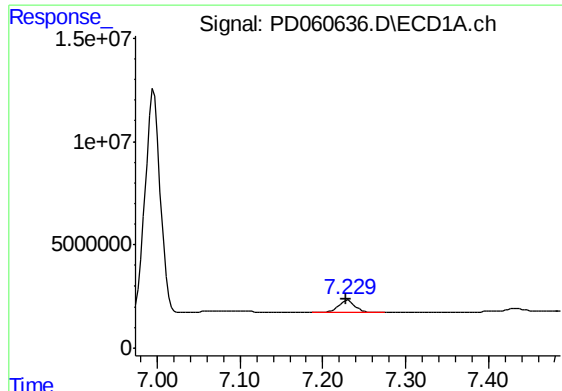
#20 Methoxychlor

R.T.: 6.996 min
Delta R.T.: 0.005 min
Response: 137033013
Conc: 201.49 ng/ml



#20 Methoxychlor

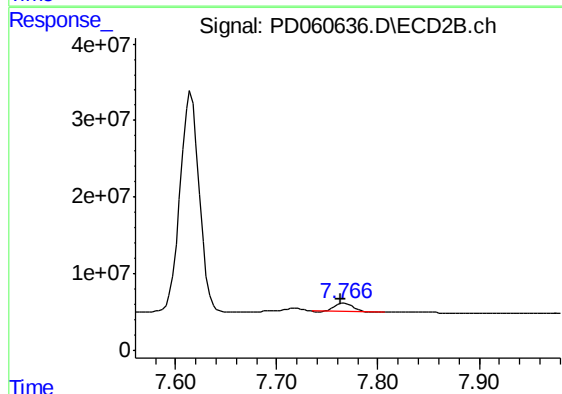
R.T.: 7.615 min
Delta R.T.: 0.004 min
Response: 379680633
Conc: 210.44 ng/ml



#21 Endrin ketone

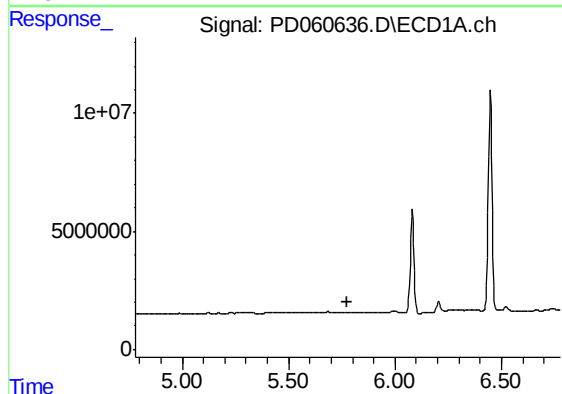
R.T.: 7.231 min
Delta R.T.: 0.003 min
Response: 7616061
Conc: 5.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM011



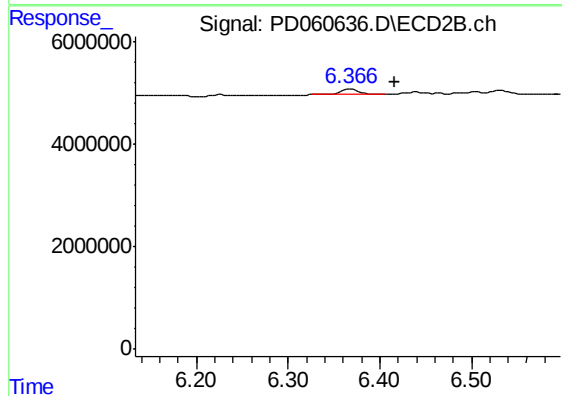
#21 Endrin ketone

R.T.: 7.767 min
Delta R.T.: 0.003 min
Response: 12725545
Conc: 3.35 ng/ml



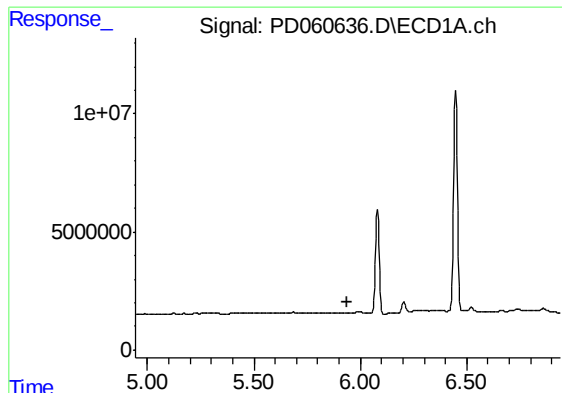
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.778 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

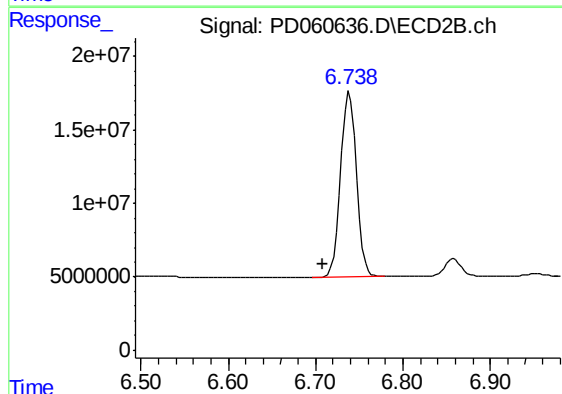
R.T.: 6.367 min
Delta R.T.: -0.049 min
Response: 1549536
Conc: 54.22 ng/ml



#23 Toxaphene-2

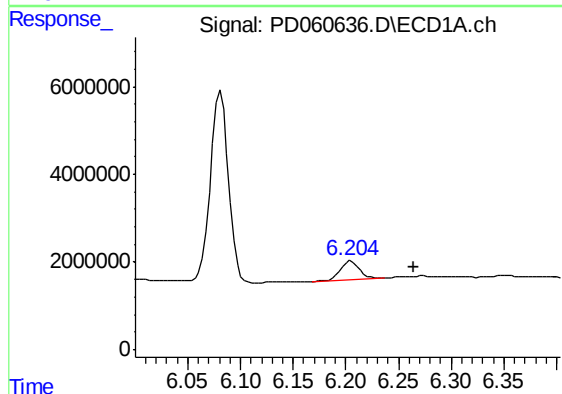
R.T.: 0.000 min
Exp R.T.: 5.941 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM011



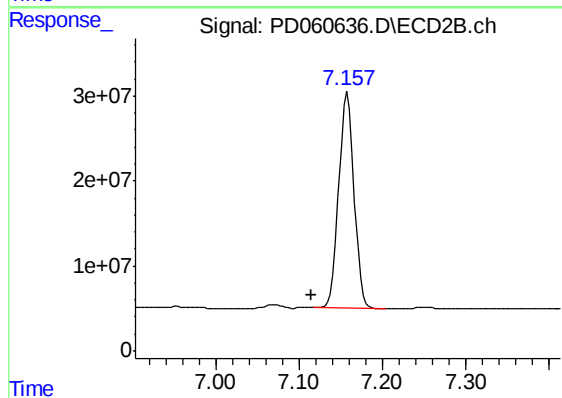
#23 Toxaphene-2

R.T.: 6.739 min
Delta R.T.: 0.030 min
Response: 156949429
Conc: 4466.71 ng/ml



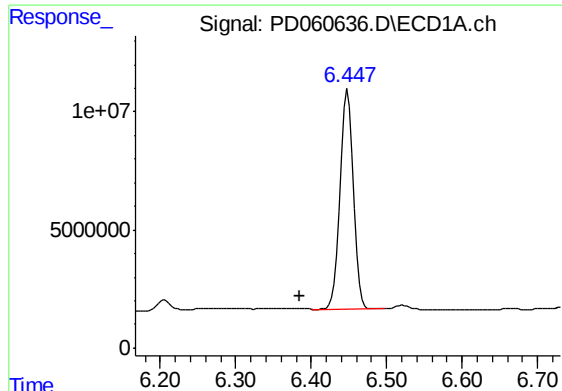
#24 Toxaphene-3

R.T.: 6.205 min
Delta R.T.: -0.059 min
Response: 5028572
Conc: 330.20 ng/ml



#24 Toxaphene-3

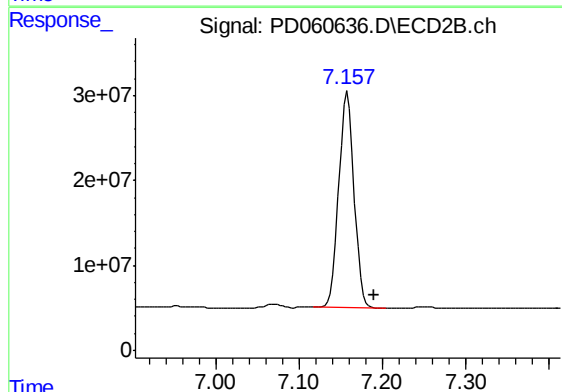
R.T.: 7.158 min
Delta R.T.: 0.043 min
Response: 325112016
Conc: 6258.36 ng/ml



#25 Toxaphene-4

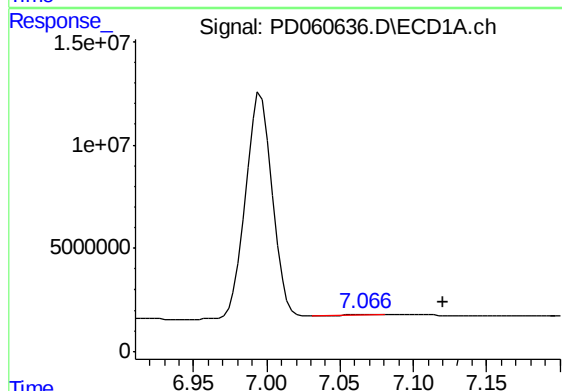
R.T.: 6.448 min
Delta R.T.: 0.064 min
Response: 111895609
Conc: 3240.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM011



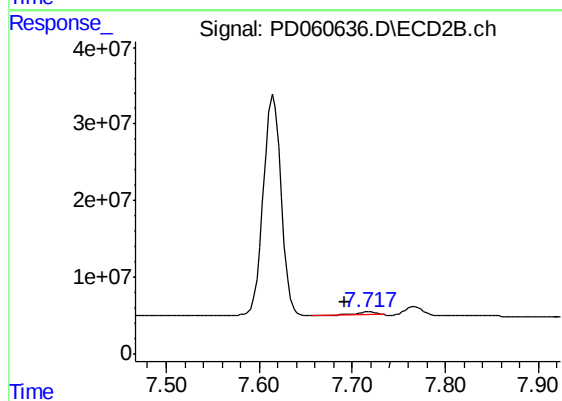
#25 Toxaphene-4

R.T.: 7.158 min
Delta R.T.: -0.033 min
Response: 325112016
Conc: 2266.72 ng/ml



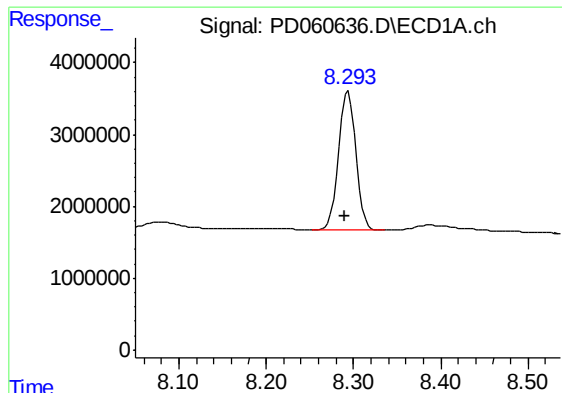
#26 Toxaphene-5

R.T.: 7.067 min
Delta R.T.: -0.053 min
Response: 364244
Conc: 9.73 ng/ml



#26 Toxaphene-5

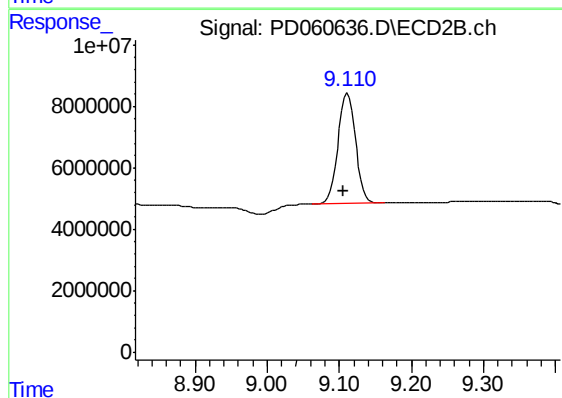
R.T.: 7.719 min
Delta R.T.: 0.028 min
Response: 4984573
Conc: 77.37 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.294 min
Delta R.T.: 0.005 min
Response: 26331692
Conc: 17.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM011



#27 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.006 min
Response: 60958738
Conc: 18.83 ng/ml