

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120120\
 Data File : PD060493.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2020 15:51
 Operator : DD\AJ
 Sample : PEM14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM14

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 00:44:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 28 01:50:00 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...	3.503	4.024	21770335	71152779	19.118	19.354
27)	SA Decachlor...	8.295	9.111	27117390	53469344	20.025	18.448
Target Compounds							
2)	A alpha-BHC	3.945	4.414	16179150	53028729	9.865	9.726
3)	MA gamma-BHC...	4.230	4.700	15026532	47414628	9.650	9.578
6)	B beta-BHC	4.480	4.868	7199112	21715171	10.253	9.974
8)	B Heptachlo...	0.000	5.895	0	19002735	N.D.	5.084
12)	B 4,4'-DDE	0.000	6.368	0	848818	N.D.	0.214
14)	MA Endrin	6.080	6.739	60910332	153.7E6	48.933	44.302
15)	B Endosulfa...	0.000	6.950	0	1278384	N.D.	0.400
16)	A 4,4'-DDD	6.204	6.858	5264358	12639880	4.328	3.815
17)	MA 4,4'-DDT	6.448	7.158	118.1E6	299.5E6	96.682	91.237
18)	B Endrin al...	6.521	7.071	1394429	2718955	1.395	1.007 #
20)	A Methoxychlor	6.996	7.615	152.6E6	371.0E6	255.445	226.346
21)	B Endrin ke...	7.231	7.767	4386438	8373918	3.246	2.487
22)	Toxaphene-1	0.000	6.438	0	989459	N.D.	37.118
23)	Toxaphene-2	0.000	6.739	0	153.7E6	N.D.	4734.042
24)	Toxaphene-3	6.204	7.158	5264358	299.5E6	356.547	6221.469 #
25)	Toxaphene-4	6.448	7.158	118.1E6	299.5E6	3526.778	2281.870 #
26)	Toxaphene-5	7.066	7.699	924451	26234	26.200	0.449 #

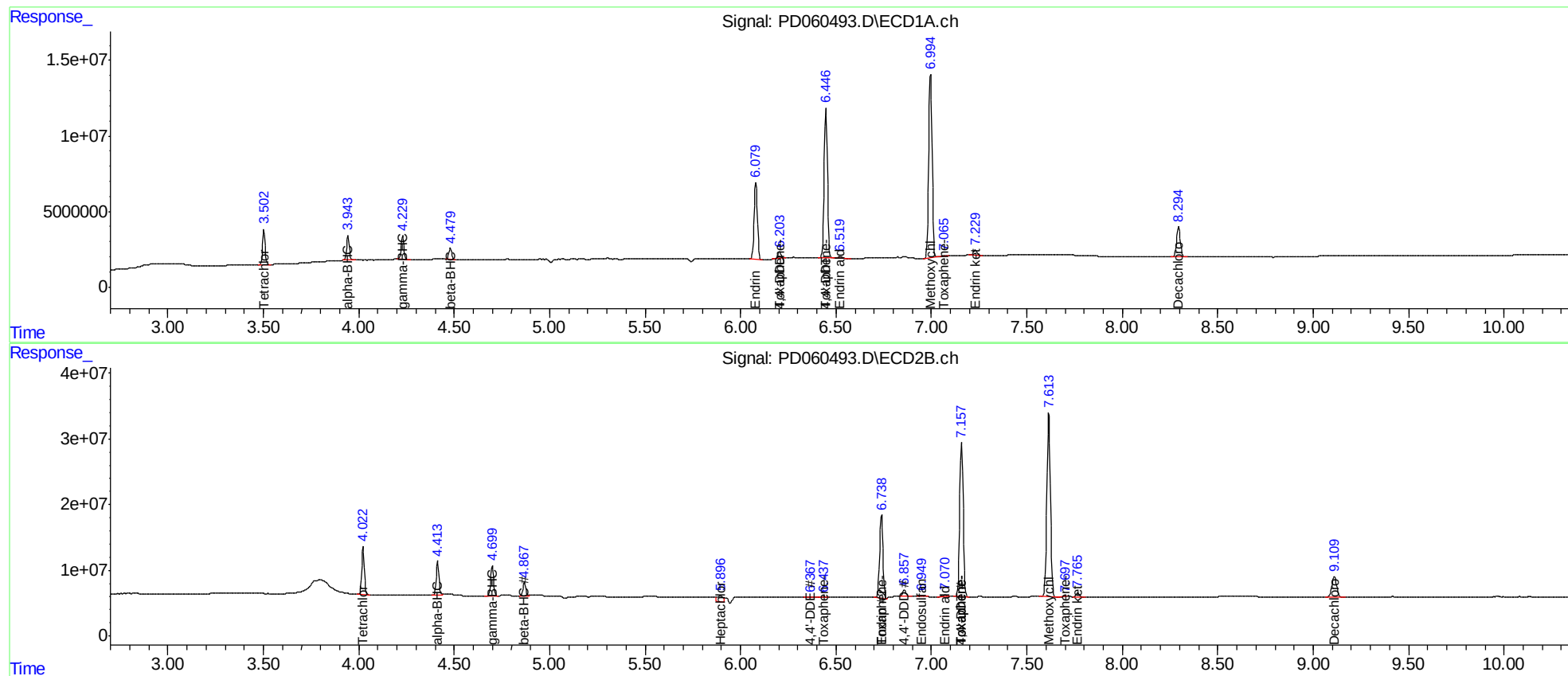
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

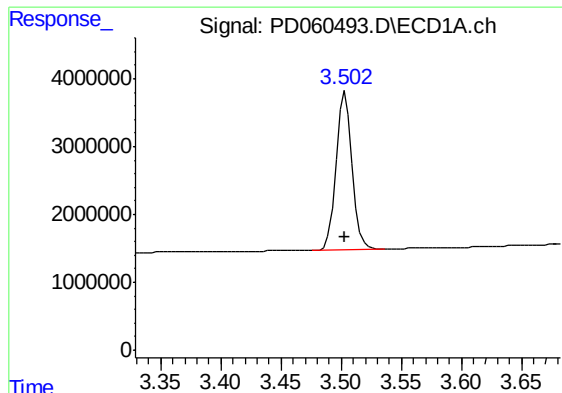
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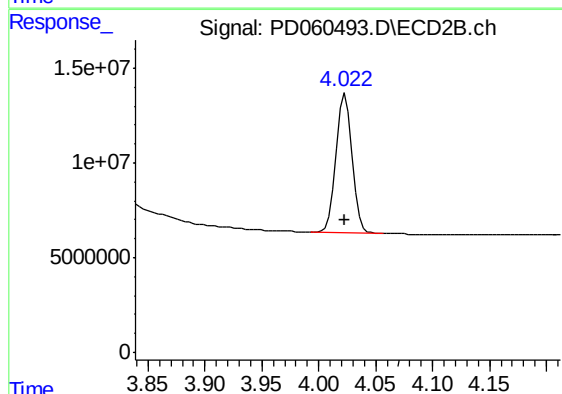




#1 Tetrachloro-m-xylene

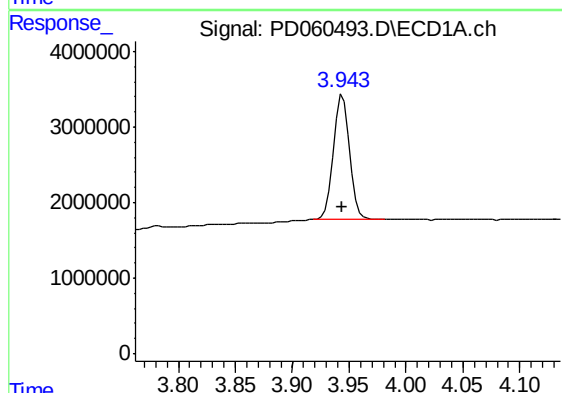
R.T.: 3.503 min
Delta R.T.: 0.000 min
Response: 21770335
Conc: 19.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM14



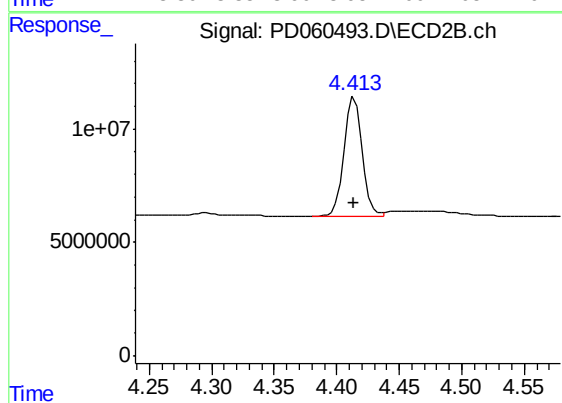
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 71152779
Conc: 19.35 ng/ml



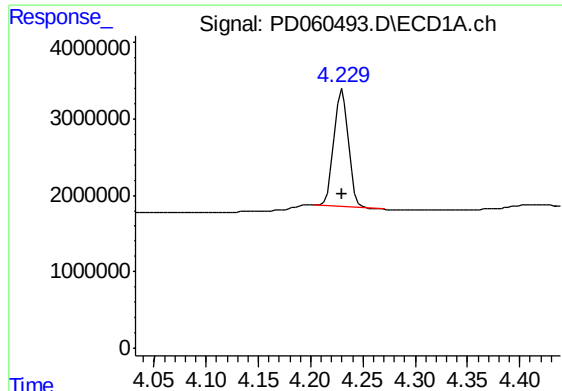
#2 alpha-BHC

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 16179150
Conc: 9.86 ng/ml



#2 alpha-BHC

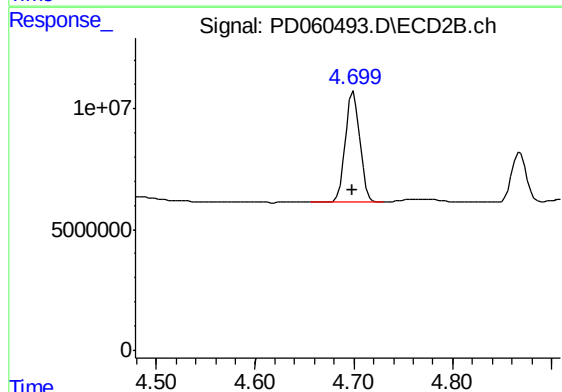
R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 53028729
Conc: 9.73 ng/ml



#3 gamma-BHC (Lindane)

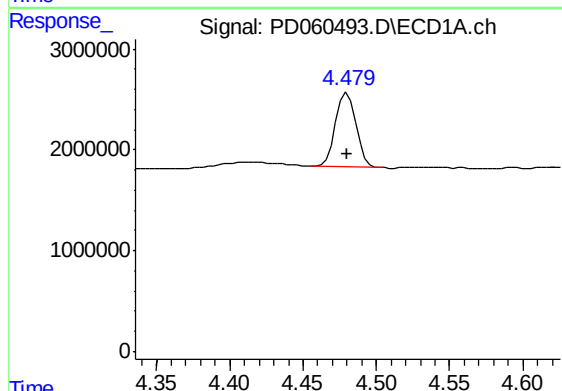
R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 15026532
Conc: 9.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM14



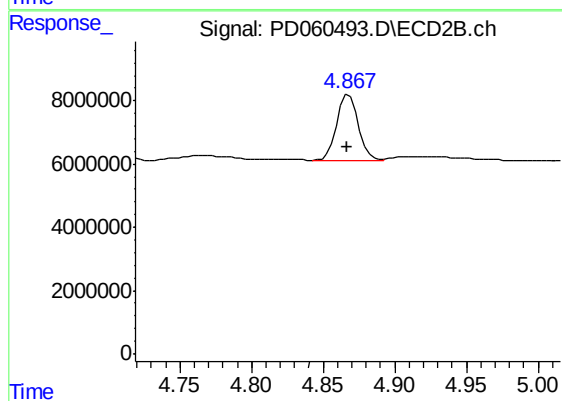
#3 gamma-BHC (Lindane)

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 47414628
Conc: 9.58 ng/ml



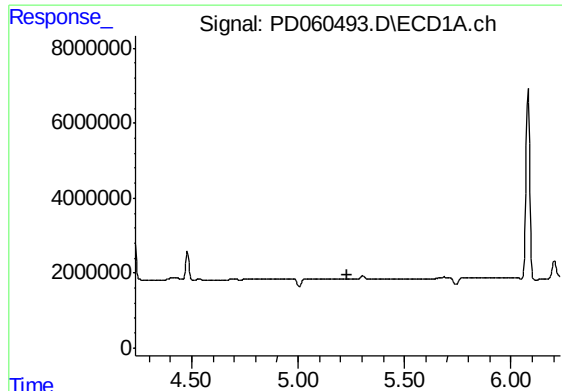
#6 beta-BHC

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 7199112
Conc: 10.25 ng/ml



#6 beta-BHC

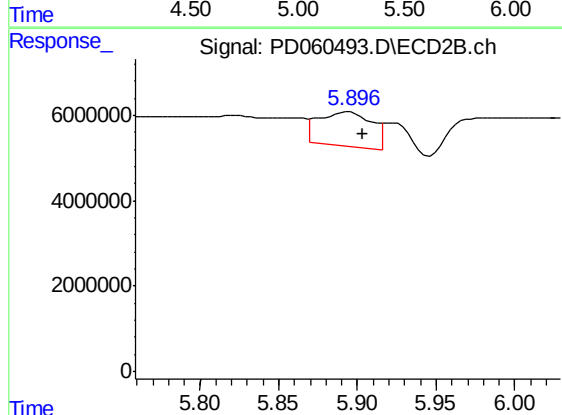
R.T.: 4.868 min
Delta R.T.: 0.001 min
Response: 21715171
Conc: 9.97 ng/ml



#8 Heptachlor epoxide

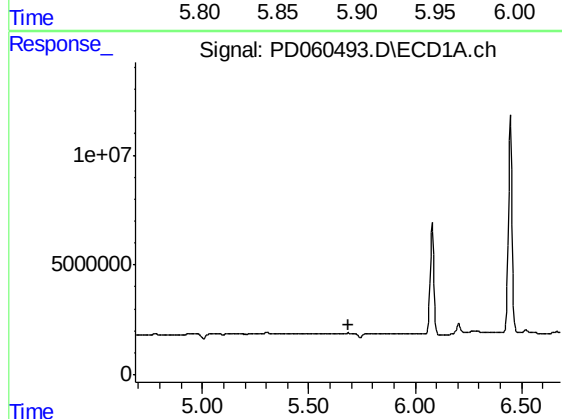
R.T.: 0.000 min
Exp R.T. : 5.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM14



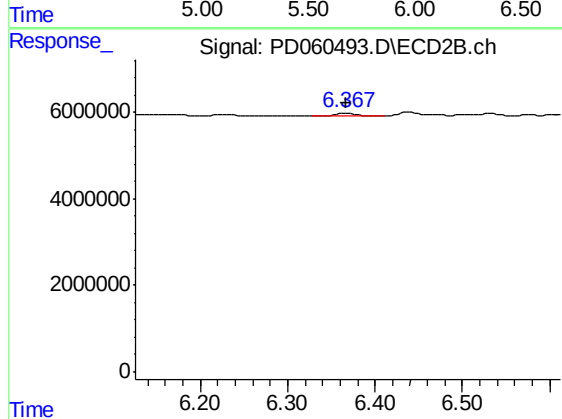
#8 Heptachlor epoxide

R.T.: 5.895 min
Delta R.T.: -0.009 min
Response: 19002735
Conc: 5.08 ng/ml



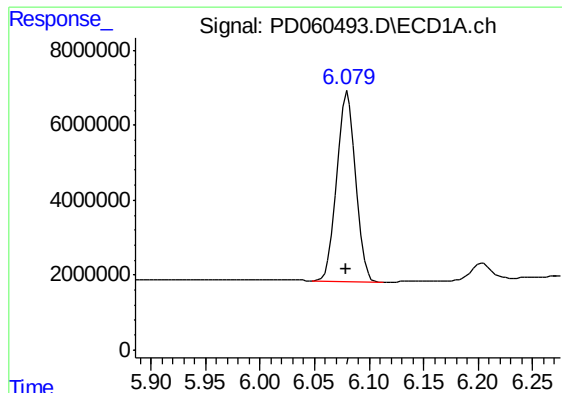
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.685 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

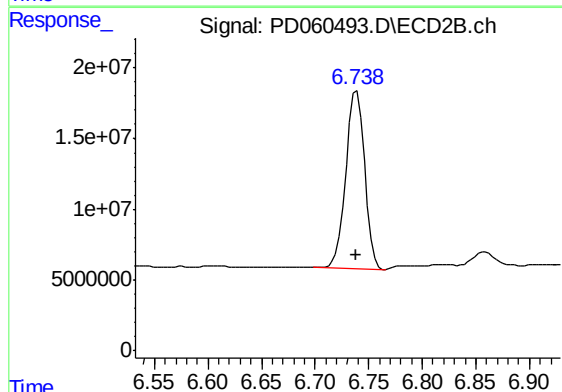
R.T.: 6.368 min
Delta R.T.: 0.001 min
Response: 848818
Conc: 0.21 ng/ml



#14 Endrin

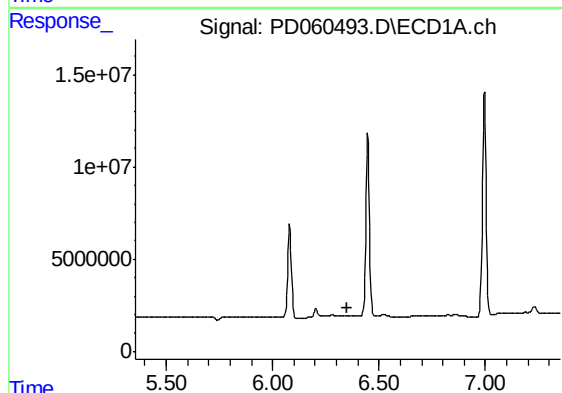
R.T.: 6.080 min
Delta R.T.: 0.002 min
Response: 60910332
Conc: 48.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM14



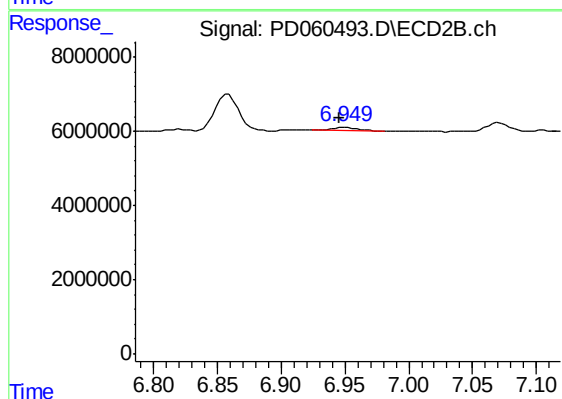
#14 Endrin

R.T.: 6.739 min
Delta R.T.: 0.001 min
Response: 153690300
Conc: 44.30 ng/ml



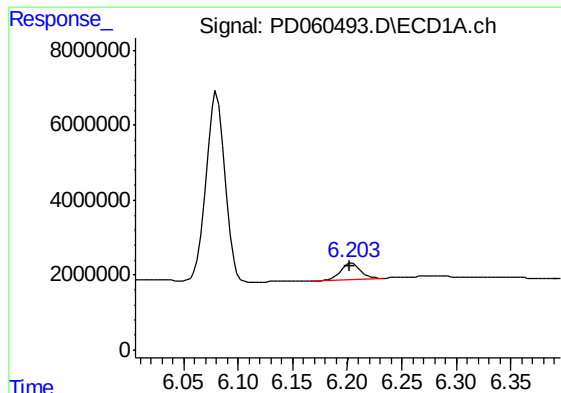
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.353 min
Response: 0
Conc: N.D.



#15 Endosulfan II

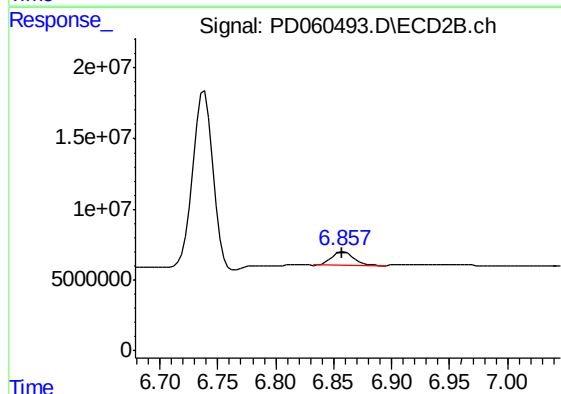
R.T.: 6.950 min
Delta R.T.: 0.005 min
Response: 1278384
Conc: 0.40 ng/ml



#16 4,4'-DDD

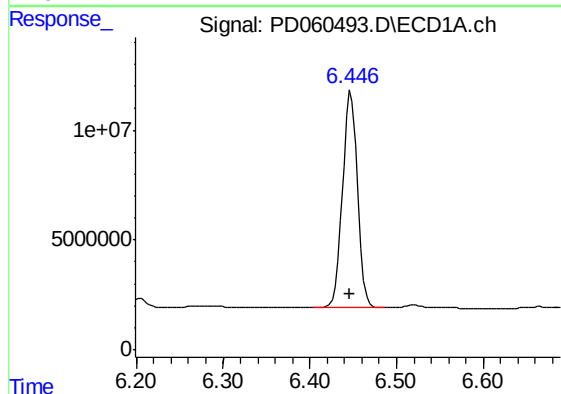
R.T.: 6.204 min
Delta R.T.: 0.002 min
Response: 5264358
Conc: 4.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM14



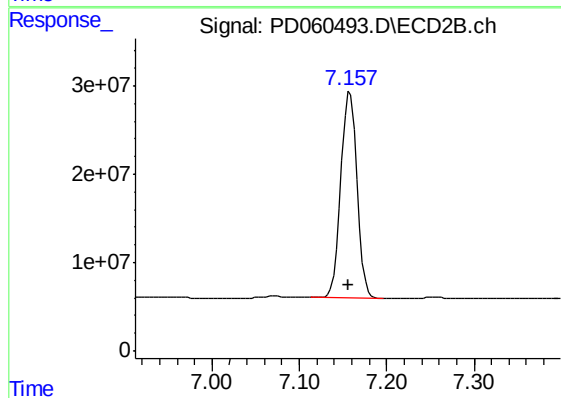
#16 4,4'-DDD

R.T.: 6.858 min
Delta R.T.: 0.001 min
Response: 12639880
Conc: 3.82 ng/ml



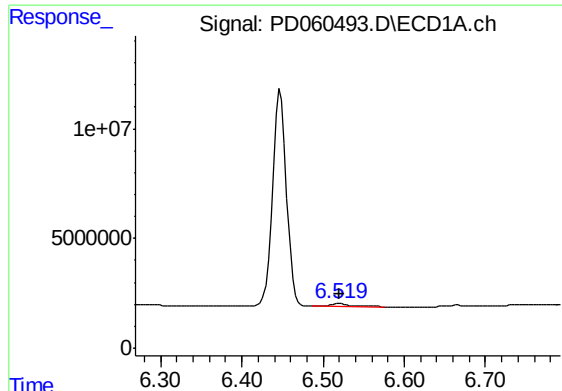
#17 4,4'-DDT

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 118097755
Conc: 96.68 ng/ml



#17 4,4'-DDT

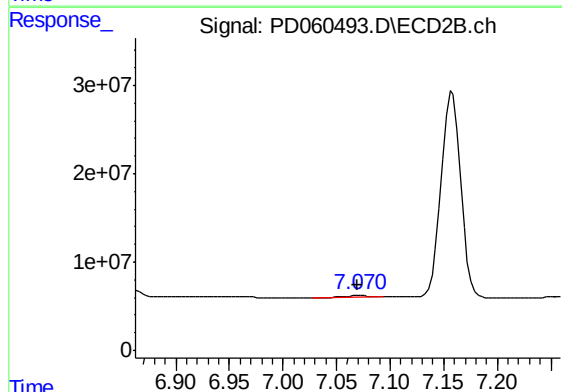
R.T.: 7.158 min
Delta R.T.: 0.002 min
Response: 299526625
Conc: 91.24 ng/ml



#18 Endrin aldehyde

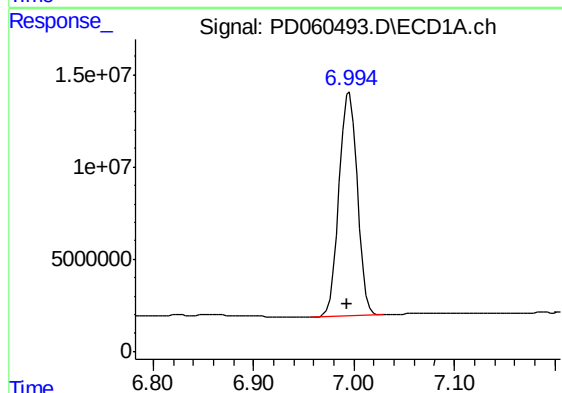
R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 1394429
Conc: 1.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM14



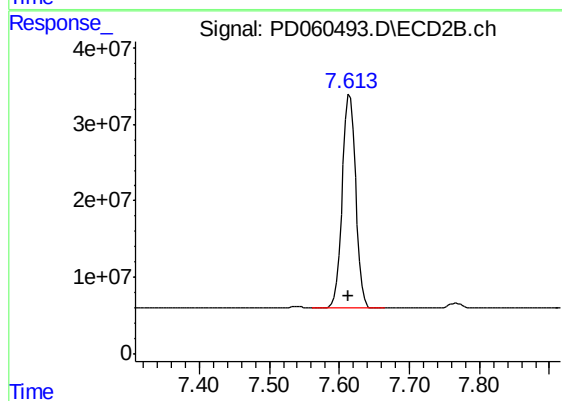
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.002 min
Response: 2718955
Conc: 1.01 ng/ml



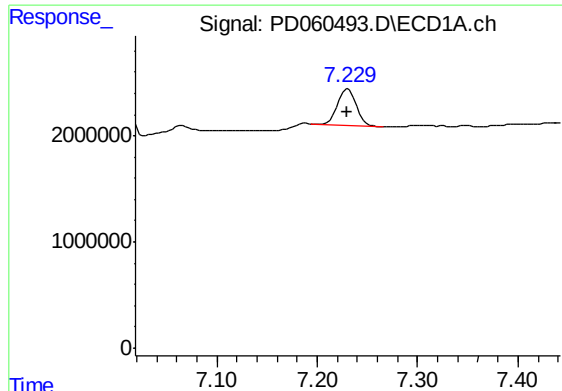
#20 Methoxychlor

R.T.: 6.996 min
Delta R.T.: 0.002 min
Response: 152591565
Conc: 255.45 ng/ml



#20 Methoxychlor

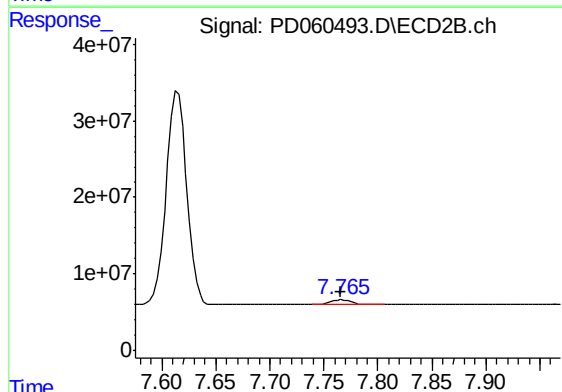
R.T.: 7.615 min
Delta R.T.: 0.002 min
Response: 371044240
Conc: 226.35 ng/ml



#21 Endrin ketone

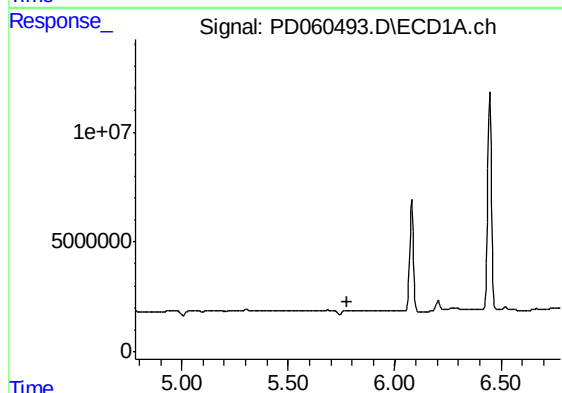
R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 4386438
Conc: 3.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM14



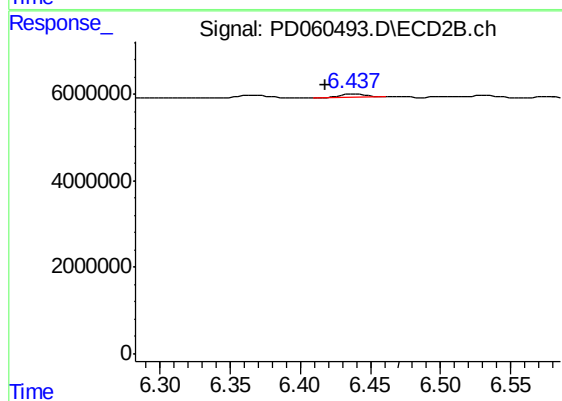
#21 Endrin ketone

R.T.: 7.767 min
Delta R.T.: 0.002 min
Response: 8373918
Conc: 2.49 ng/ml



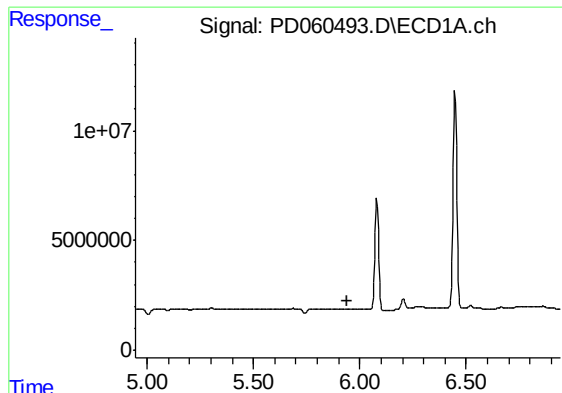
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

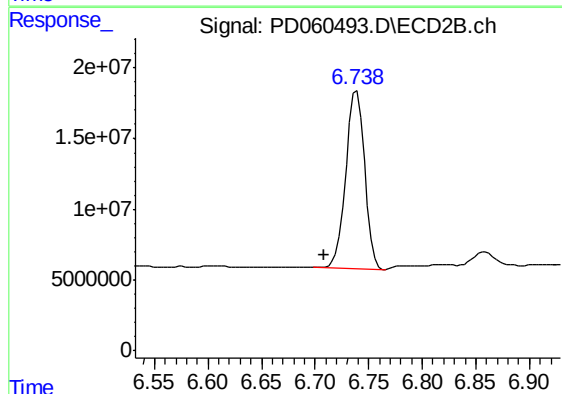
R.T.: 6.438 min
Delta R.T.: 0.020 min
Response: 989459
Conc: 37.12 ng/ml



#23 Toxaphene-2

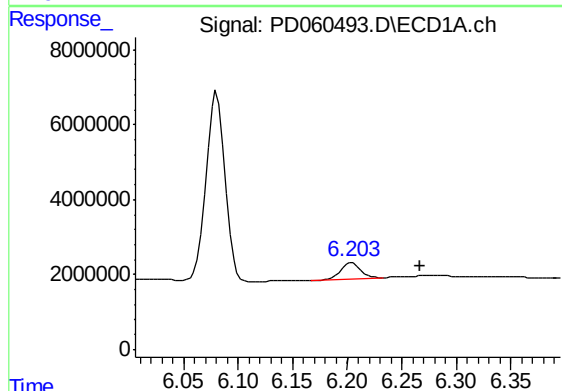
R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM14



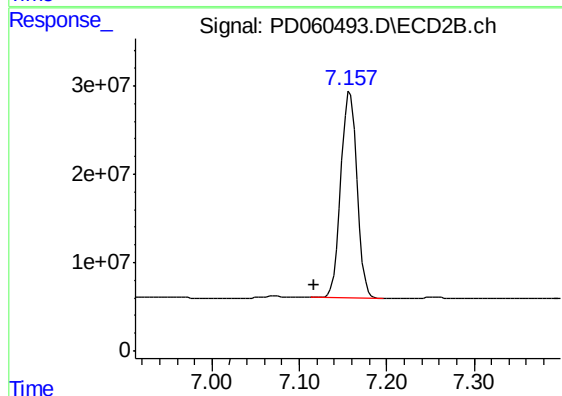
#23 Toxaphene-2

R.T.: 6.739 min
Delta R.T.: 0.030 min
Response: 153690300
Conc: 4734.04 ng/ml



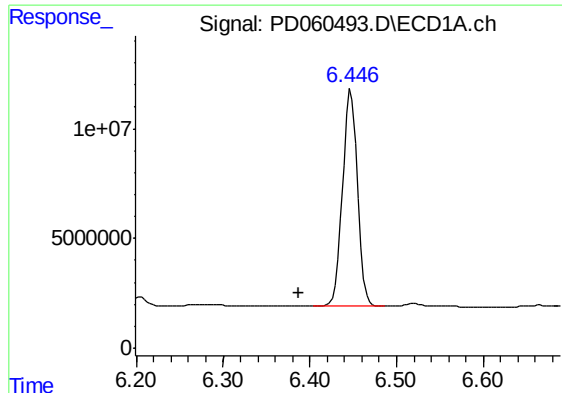
#24 Toxaphene-3

R.T.: 6.204 min
Delta R.T.: -0.062 min
Response: 5264358
Conc: 356.55 ng/ml



#24 Toxaphene-3

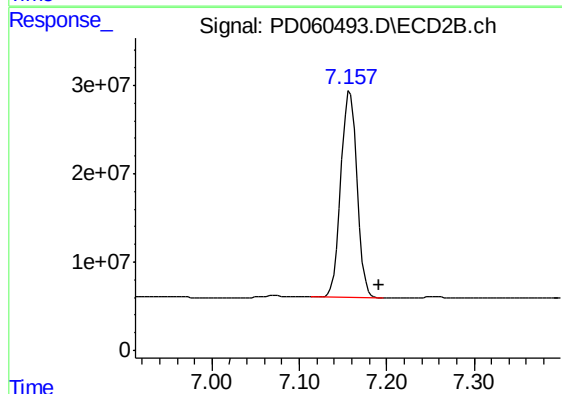
R.T.: 7.158 min
Delta R.T.: 0.042 min
Response: 299526625
Conc: 6221.47 ng/ml



#25 Toxaphene-4

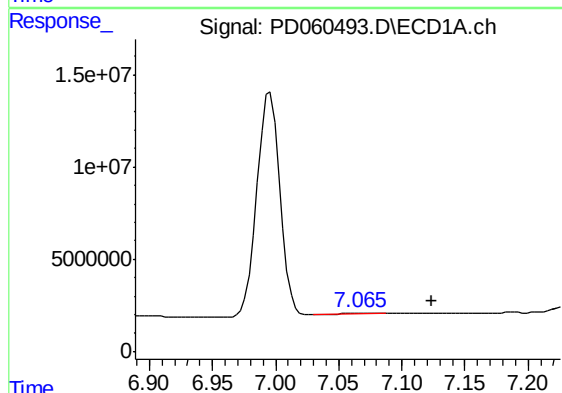
R.T.: 6.448 min
Delta R.T.: 0.061 min
Response: 118097755
Conc: 3526.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM14



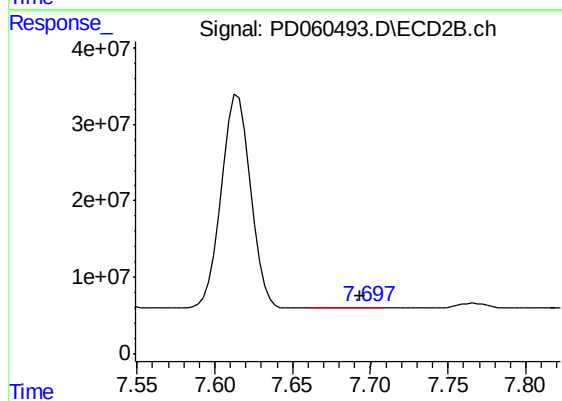
#25 Toxaphene-4

R.T.: 7.158 min
Delta R.T.: -0.034 min
Response: 299526625
Conc: 2281.87 ng/ml



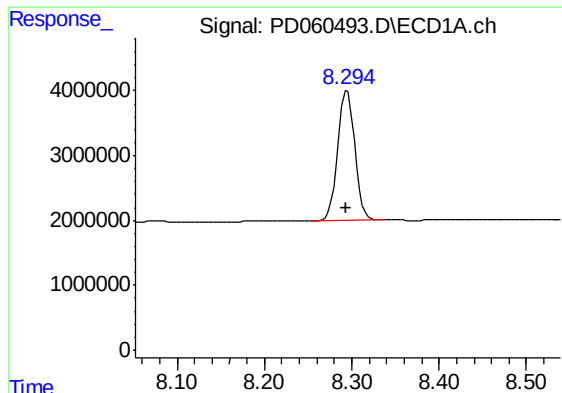
#26 Toxaphene-5

R.T.: 7.066 min
Delta R.T.: -0.057 min
Response: 924451
Conc: 26.20 ng/ml



#26 Toxaphene-5

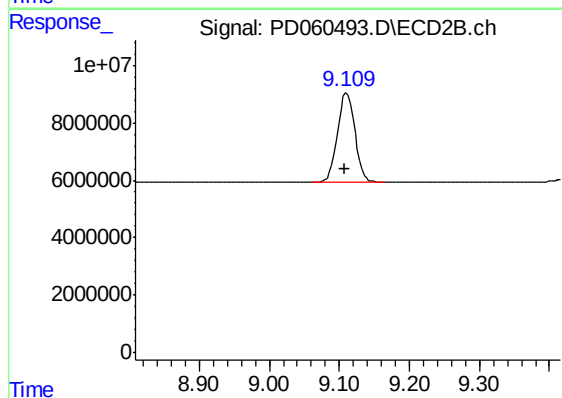
R.T.: 7.699 min
Delta R.T.: 0.006 min
Response: 26234
Conc: 0.45 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.295 min
Delta R.T.: 0.002 min
Response: 27117390
Conc: 20.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM14



#27 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: 0.003 min
Response: 53469344
Conc: 18.45 ng/ml