

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100120\
 Data File : PD059444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2020 13:57
 Operator : DD\AJ
 Sample : PEM16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM016

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 01:09:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD093020CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 30 06:37:17 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...	3.512	4.025	28799645	40075836	20.901	21.065
27)	SA Decachlor...	8.322	9.113	21806729	29126859	21.896	21.883
Target Compounds							
2)	A alpha-BHC	3.954	4.416	20934733	29355656	10.203	10.245
3)	MA gamma-BHC...	4.241	4.702	19267545	25907054	9.913	10.177
5)	MB Aldrin	4.790	0.000	1012999	0	0.576	N.D. #
6)	B beta-BHC	4.492	4.870	8215264	11330701	10.807	10.173
8)	B Heptachlo...	5.259	5.898	204692	6177527	0.132	2.930 #
12)	B 4,4'-DDE	5.704	0.000	466214	0	0.317	N.D. #
13)	MA Dieldrin	5.795f	0.000	428366	0	0.282	N.D. #
14)	MA Endrin	6.099	6.742	61318497	80483604	48.808	48.572
15)	B Endosulfa...	6.372	6.955	264481	1050615	0.217	0.632 #
16)	A 4,4'-DDD	6.225	6.861	1628059	1730436	1.333	1.106
17)	MA 4,4'-DDT	6.469	7.160	126.9E6	167.3E6	99.288	103.079
18)	B Endrin al...	6.542	7.074	1660258	2034618	1.694	1.484
19)	B Endosulfa...	6.786	0.000	77453	0	<MDL	N.D. #
20)	A Methoxychlor	7.020	7.616	145.2E6	210.6E6	240.607	255.185
21)	B Endrin ke...	7.252	7.769	4364833	3170479	3.476	1.923 #
22)	Toxaphene-1	5.795	0.000	428366	0	46.702	N.D. #
23)	Toxaphene-2	5.936	6.742	430860	80483604	48.403	7189.828 #
24)	Toxaphene-3	6.288	7.160	278668	167.3E6	28.512	10640.833 #
25)	Toxaphene-4	6.372	7.160	264481	167.3E6	11.861	3926.817 #
26)	Toxaphene-5	7.090	7.700	897114	689763	42.701	35.684

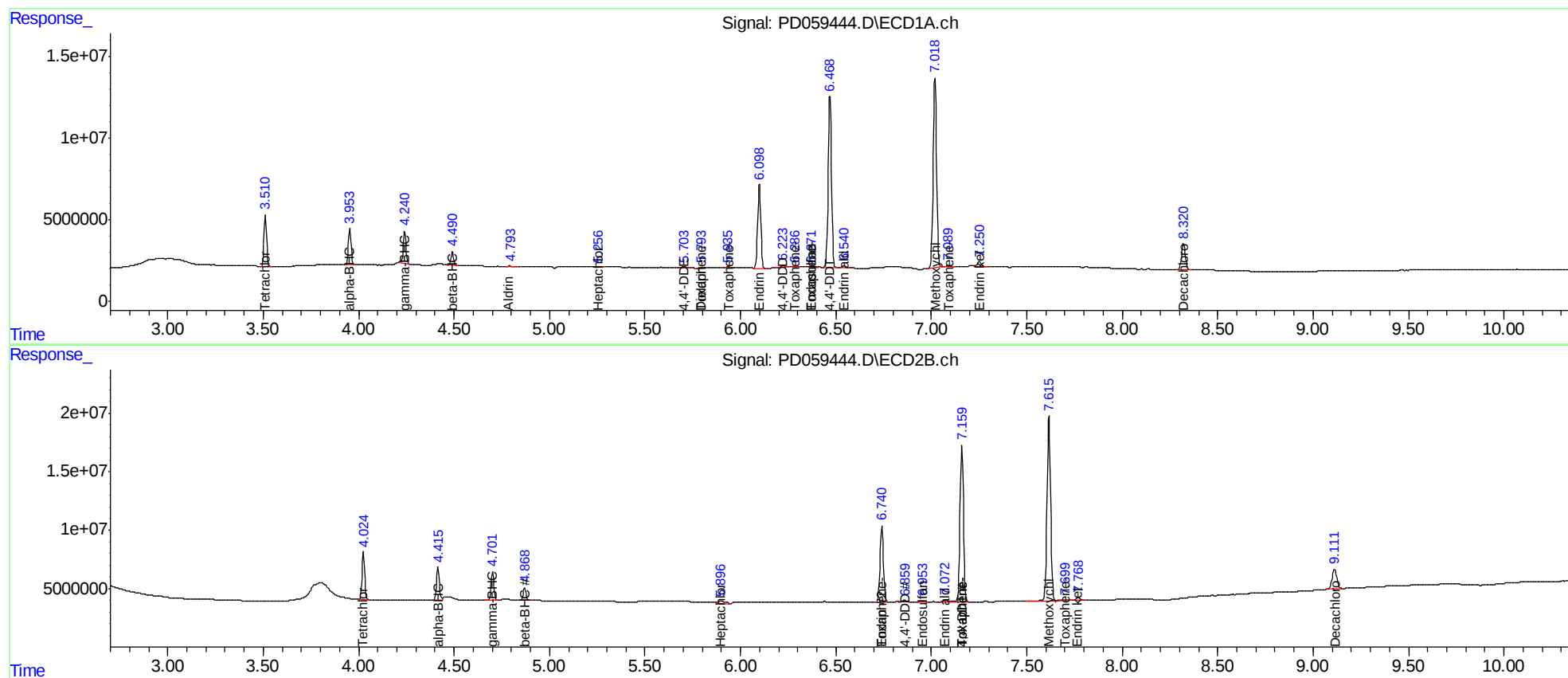
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

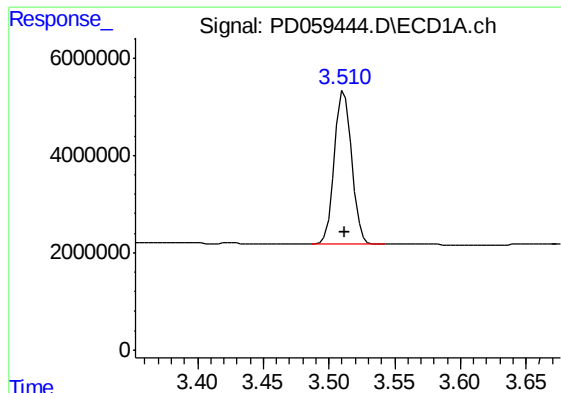
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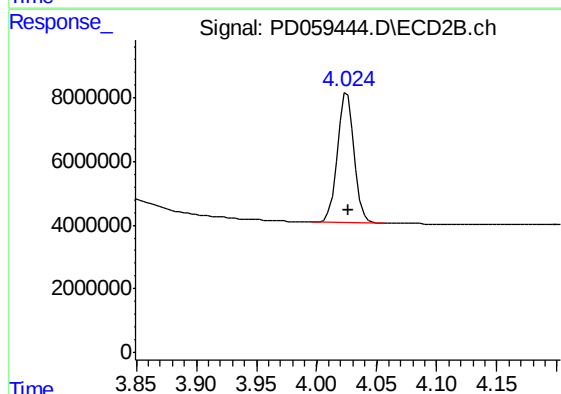




#1 Tetrachloro-m-xylene

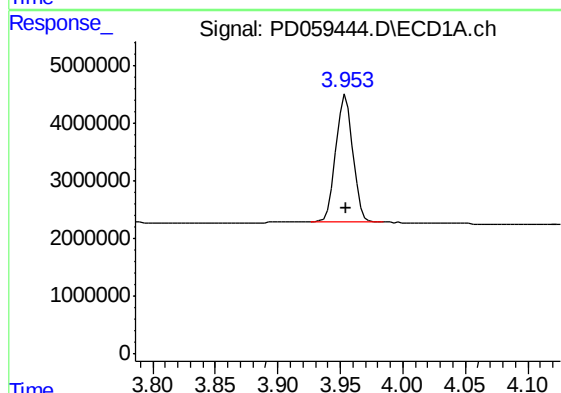
R.T.: 3.512 min
Delta R.T.: 0.000 min
Response: 28799645
Conc: 20.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM016



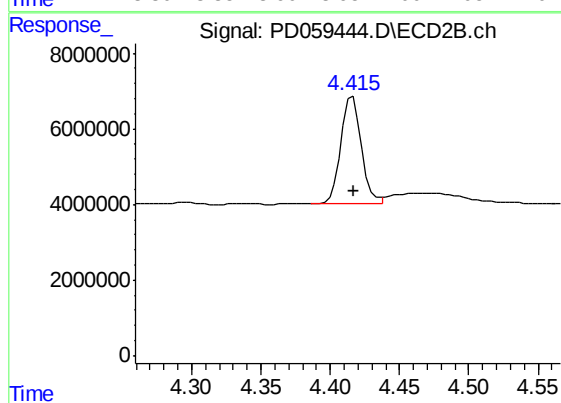
#1 Tetrachloro-m-xylene

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 40075836
Conc: 21.07 ng/ml



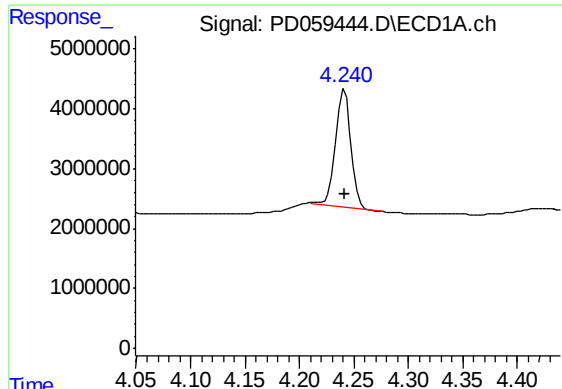
#2 alpha-BHC

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 20934733
Conc: 10.20 ng/ml



#2 alpha-BHC

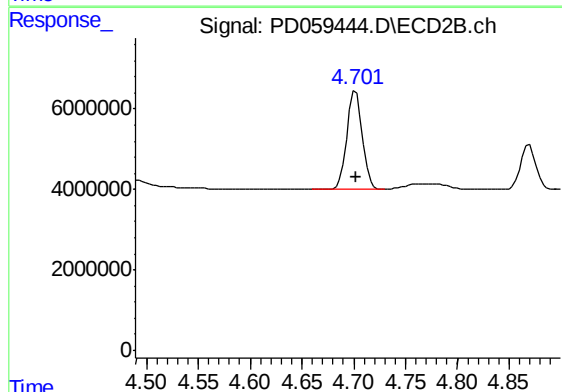
R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 29355656
Conc: 10.25 ng/ml



#3 gamma-BHC (Lindane)

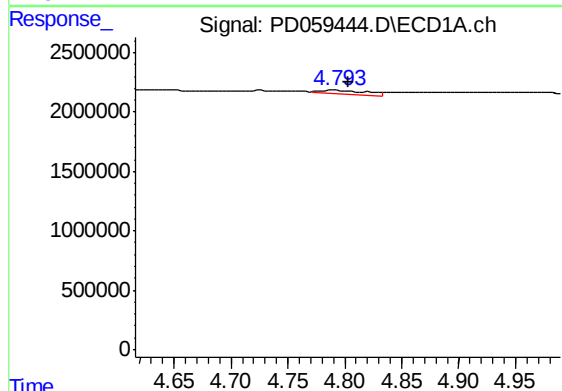
R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 19267545
Conc: 9.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM016



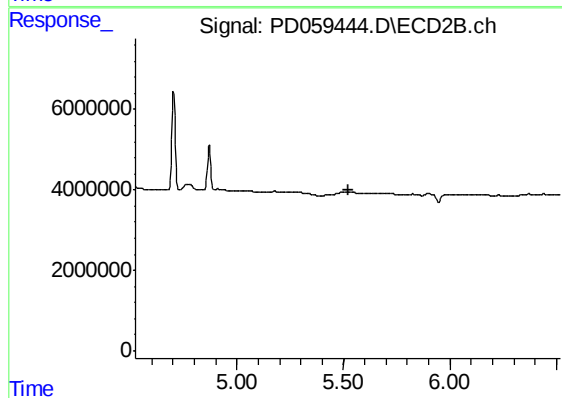
#3 gamma-BHC (Lindane)

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 25907054
Conc: 10.18 ng/ml



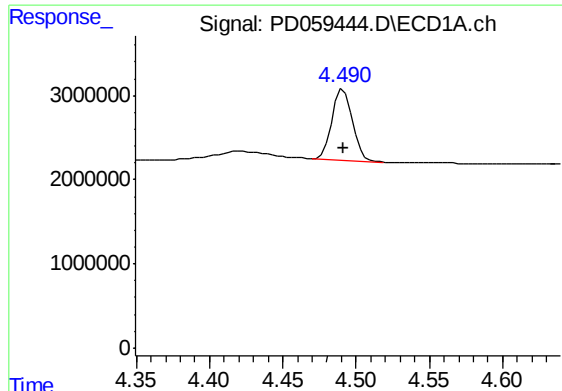
#5 Aldrin

R.T.: 4.790 min
Delta R.T.: -0.013 min
Response: 1012999
Conc: 0.58 ng/ml



#5 Aldrin

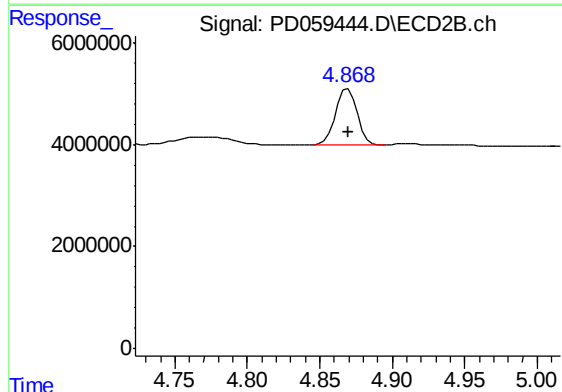
R.T.: 0.000 min
Exp R.T. : 5.522 min
Response: 0
Conc: N.D.



#6 beta-BHC

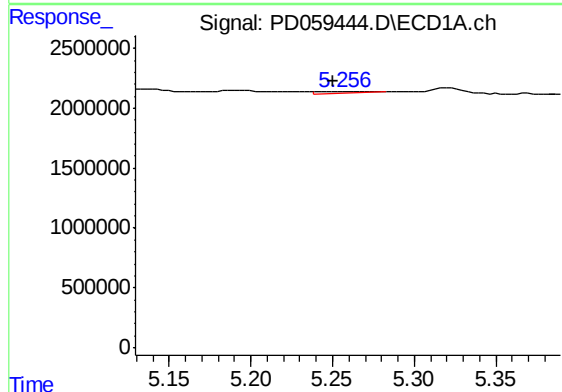
R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 8215264
Conc: 10.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM016



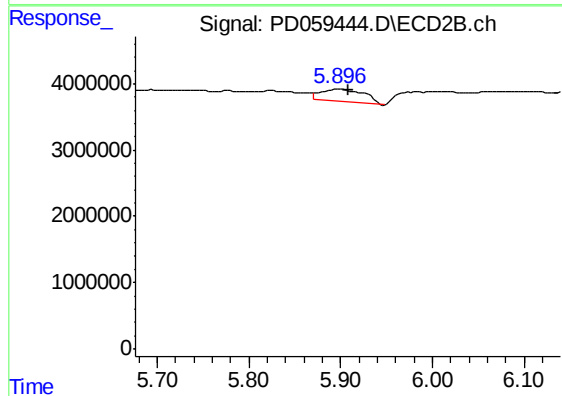
#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 11330701
Conc: 10.17 ng/ml



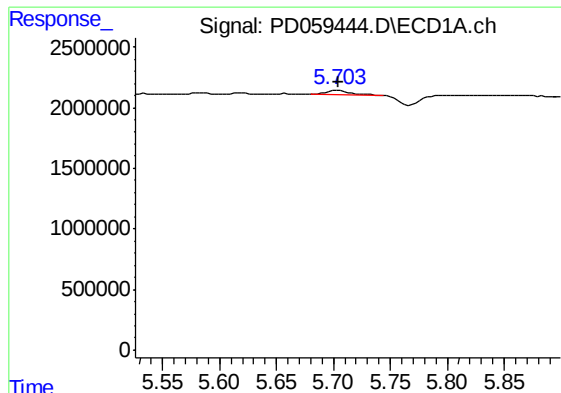
#8 Heptachlor epoxide

R.T.: 5.259 min
Delta R.T.: 0.008 min
Response: 204692
Conc: 0.13 ng/ml



#8 Heptachlor epoxide

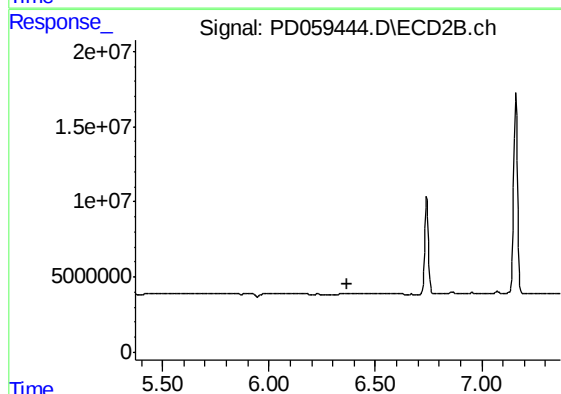
R.T.: 5.898 min
Delta R.T.: -0.011 min
Response: 6177527
Conc: 2.93 ng/ml



#12 4,4'-DDE

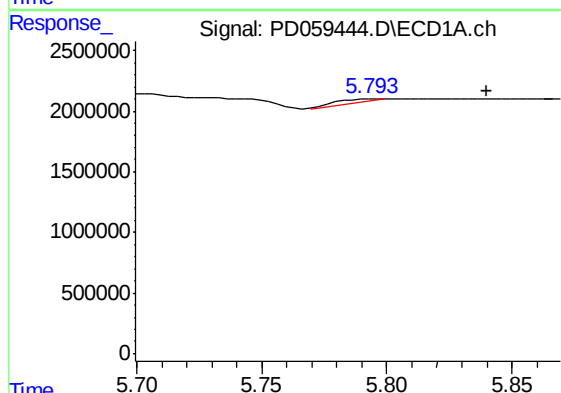
R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 466214
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM016



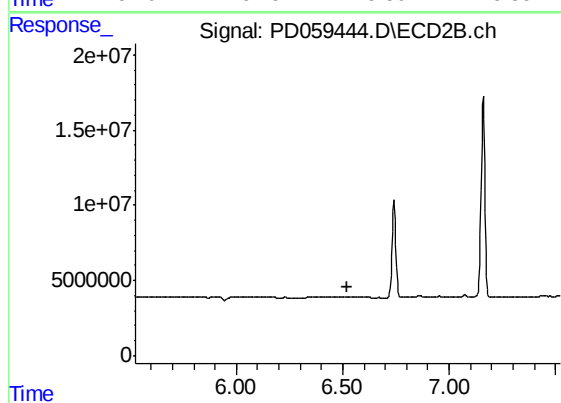
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.371 min
Response: 0
Conc: N.D.



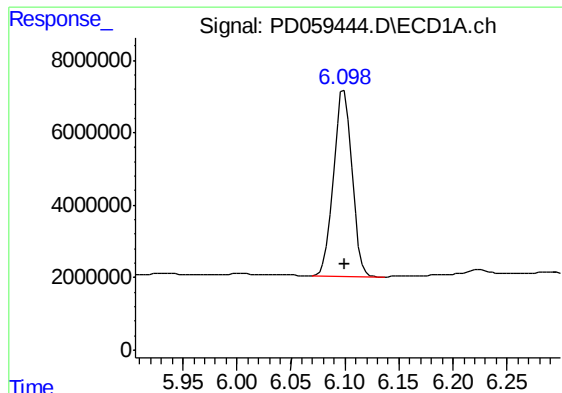
#13 Dieldrin

R.T.: 5.795 min
Delta R.T.: -0.045 min
Response: 428366
Conc: 0.28 ng/ml



#13 Dieldrin

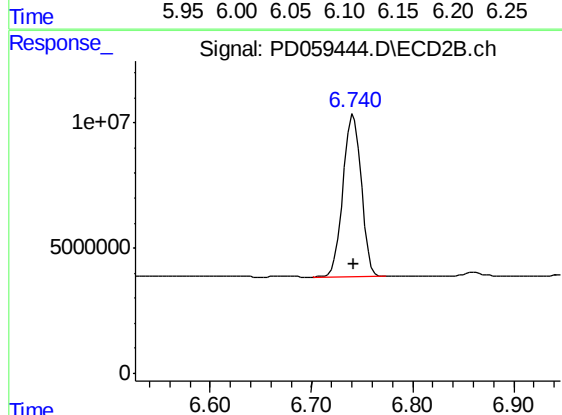
R.T.: 0.000 min
Exp R.T. : 6.524 min
Response: 0
Conc: N.D.



#14 Endrin

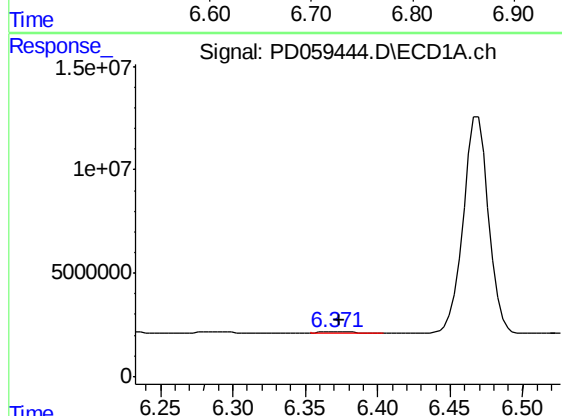
R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 61318497
Conc: 48.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM016



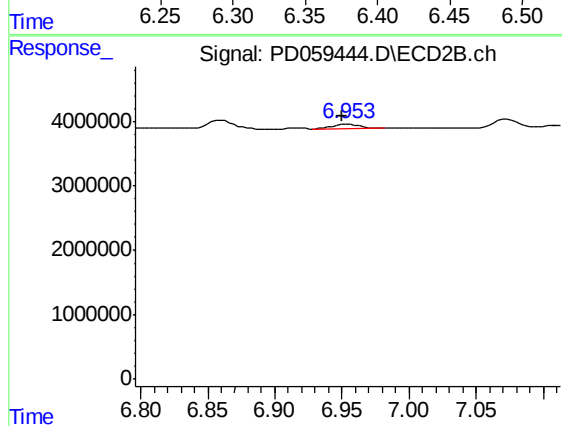
#14 Endrin

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 80483604
Conc: 48.57 ng/ml



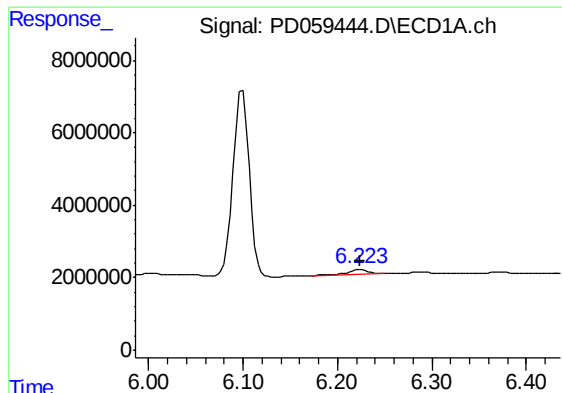
#15 Endosulfan II

R.T.: 6.372 min
Delta R.T.: -0.001 min
Response: 264481
Conc: 0.22 ng/ml



#15 Endosulfan II

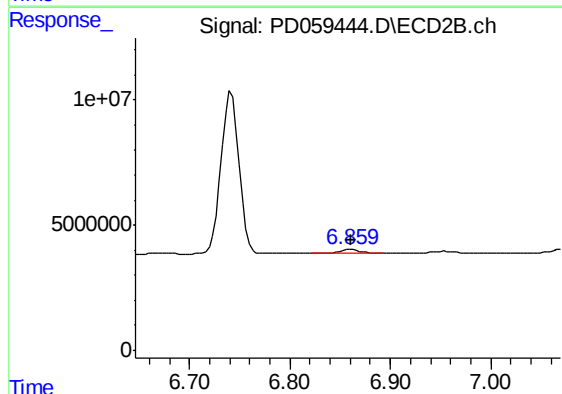
R.T.: 6.955 min
Delta R.T.: 0.005 min
Response: 1050615
Conc: 0.63 ng/ml



#16 4,4'-DDD

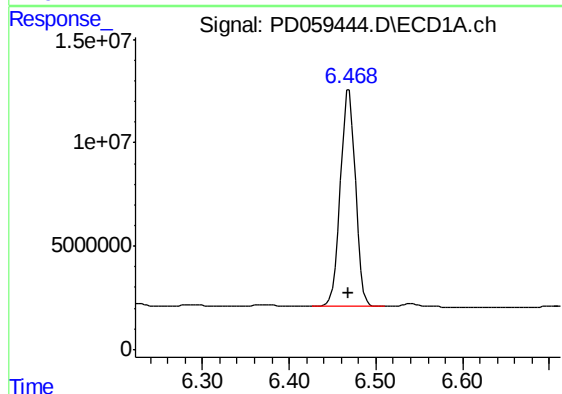
R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 1628059
Conc: 1.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM016



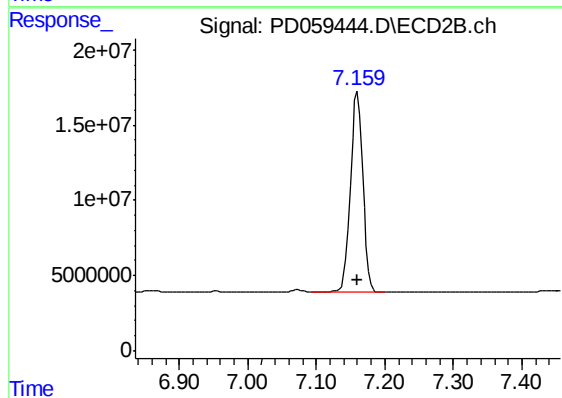
#16 4,4'-DDD

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 1730436
Conc: 1.11 ng/ml



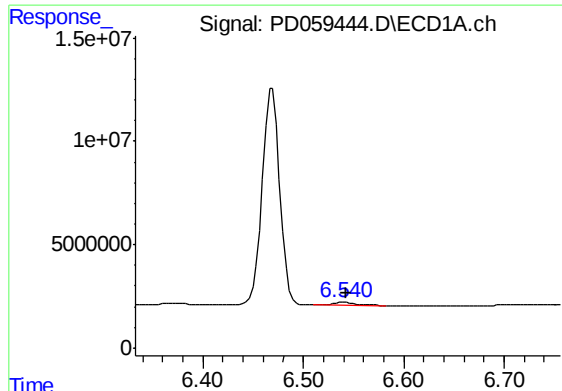
#17 4,4'-DDT

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 126854609
Conc: 99.29 ng/ml



#17 4,4'-DDT

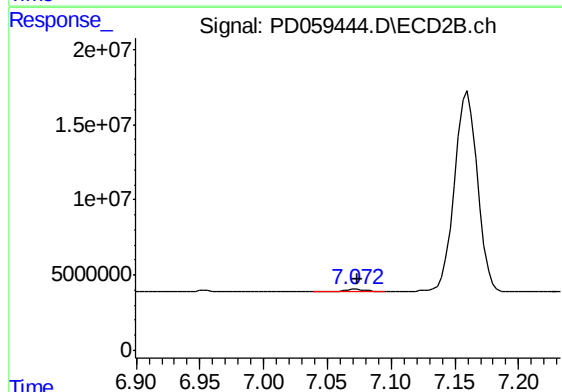
R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 167348149
Conc: 103.08 ng/ml



#18 Endrin aldehyde

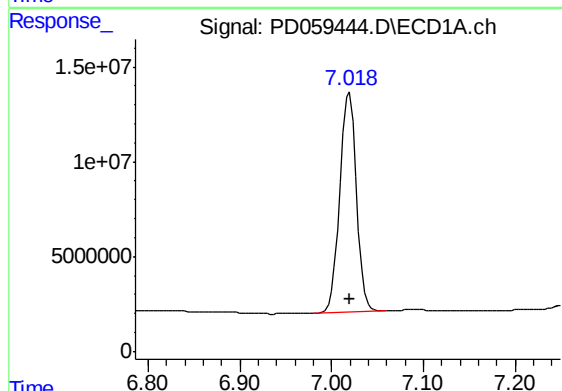
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 1660258
Conc: 1.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM016



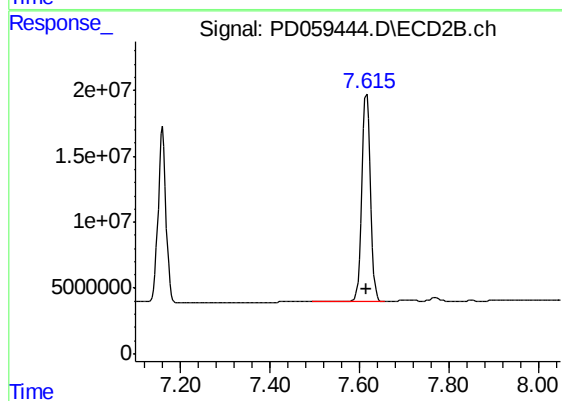
#18 Endrin aldehyde

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 2034618
Conc: 1.48 ng/ml



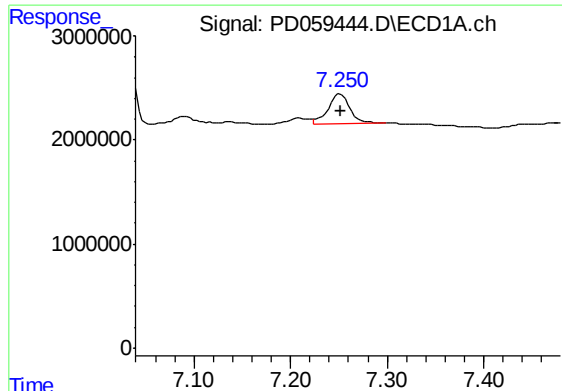
#20 Methoxychlor

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 145243514
Conc: 240.61 ng/ml



#20 Methoxychlor

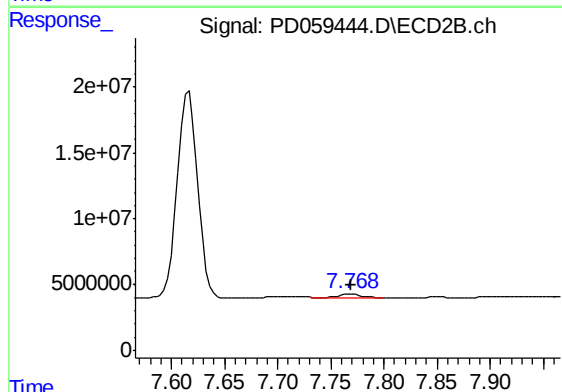
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 210557808
Conc: 255.18 ng/ml



#21 Endrin ketone

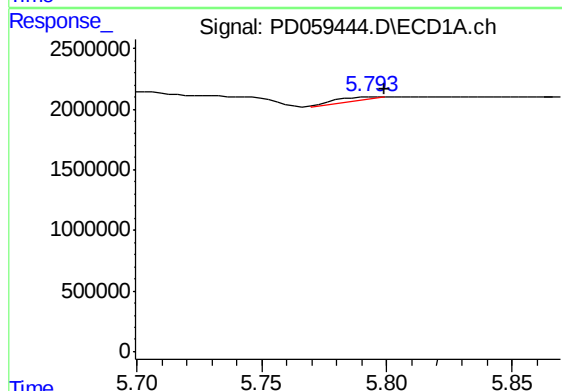
R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 4364833
Conc: 3.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM016



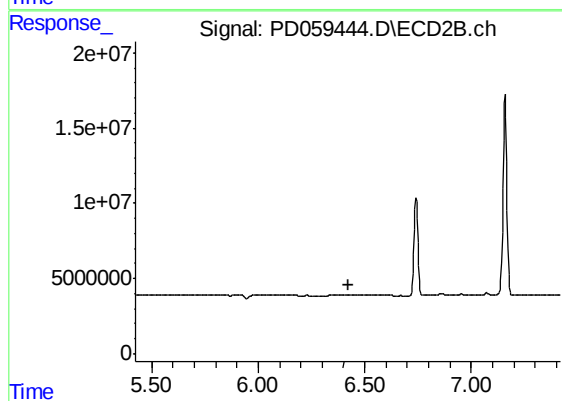
#21 Endrin ketone

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 3170479
Conc: 1.92 ng/ml



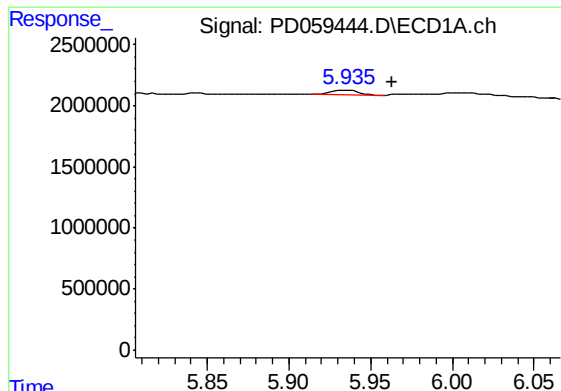
#22 Toxaphene-1

R.T.: 5.795 min
Delta R.T.: -0.004 min
Response: 428366
Conc: 46.70 ng/ml



#22 Toxaphene-1

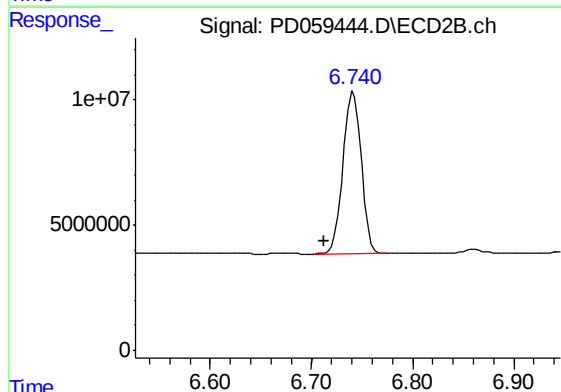
R.T.: 0.000 min
Exp R.T. : 6.422 min
Response: 0
Conc: N.D.



#23 Toxaphene-2

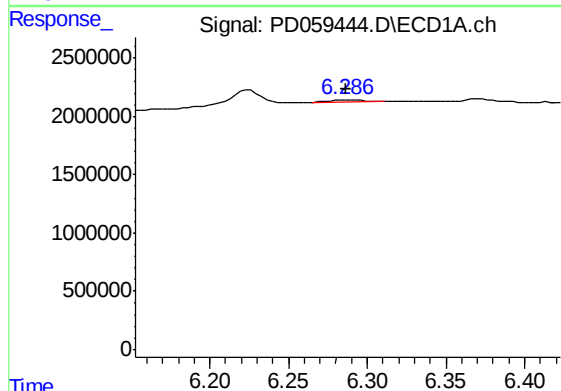
R.T.: 5.936 min
Delta R.T.: -0.027 min
Response: 430860
Conc: 48.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM016



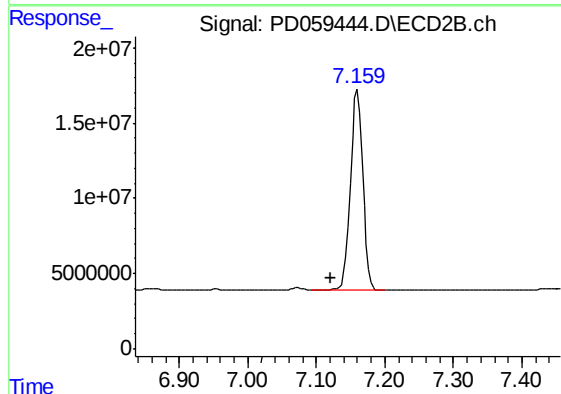
#23 Toxaphene-2

R.T.: 6.742 min
Delta R.T.: 0.028 min
Response: 80483604
Conc: 7189.83 ng/ml



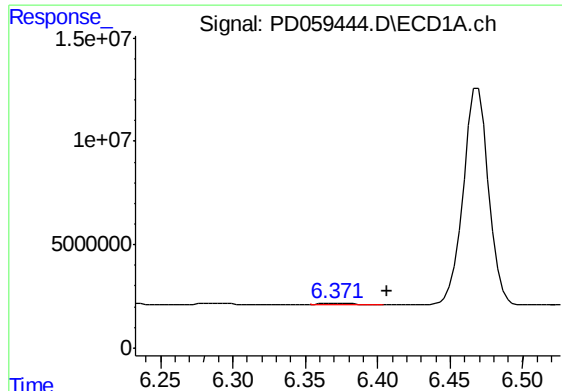
#24 Toxaphene-3

R.T.: 6.288 min
Delta R.T.: 0.002 min
Response: 278668
Conc: 28.51 ng/ml



#24 Toxaphene-3

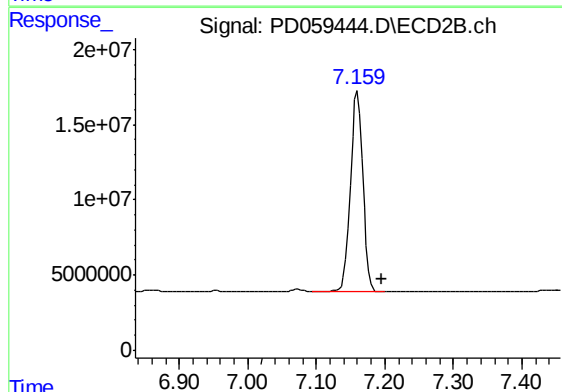
R.T.: 7.160 min
Delta R.T.: 0.040 min
Response: 167348149
Conc: 10640.83 ng/ml



#25 Toxaphene-4

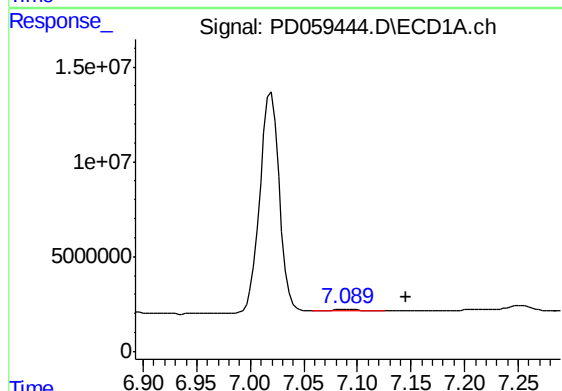
R.T.: 6.372 min
Delta R.T.: -0.035 min
Response: 264481
Conc: 11.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM016



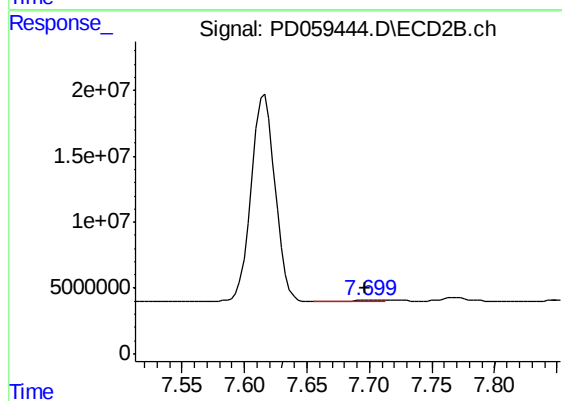
#25 Toxaphene-4

R.T.: 7.160 min
Delta R.T.: -0.036 min
Response: 167348149
Conc: 3926.82 ng/ml



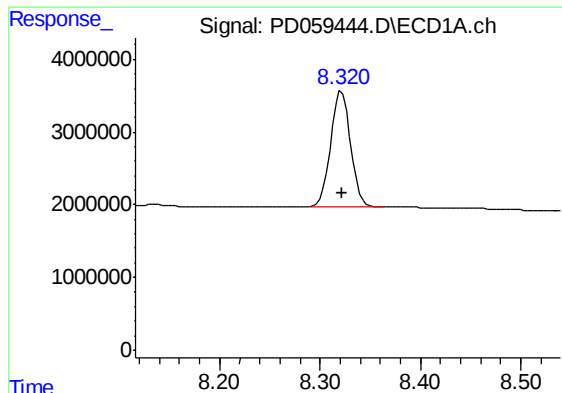
#26 Toxaphene-5

R.T.: 7.090 min
Delta R.T.: -0.056 min
Response: 897114
Conc: 42.70 ng/ml



#26 Toxaphene-5

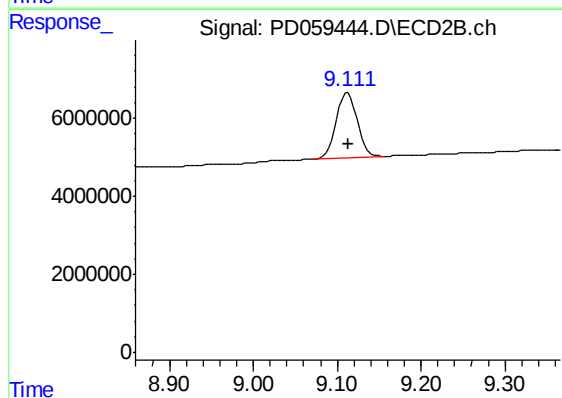
R.T.: 7.700 min
Delta R.T.: 0.004 min
Response: 689763
Conc: 35.68 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 21806729
Conc: 21.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM016



#27 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 29126859
Conc: 21.88 ng/ml