

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040619\
 Data File : PD052644.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Apr 2019 6:52
 Operator : AJ\SJ
 Sample : PEM30
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM30

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 08:37:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD040219CLP.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 19:09:32 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.220	4.042	29781502	636.2E6	20.996	19.908
27)	SA Decachlor...	7.815	9.157	31426829	406.7E6	20.919	20.918
Target Compounds							
2)	A alpha-BHC	3.640	4.434	21770855	490.2E6	9.569	10.174
3)	MA gamma-BHC...	3.908	4.721	22215059	453.4E6	10.042	10.354
4)	MA Heptachlor	4.154f	0.000	9803373	0	4.427	N.D. #
6)	B beta-BHC	4.154	4.892	9803373	205.5E6	10.025	9.909
7)	B delta-BHC	0.000	5.085f	0	16045630	N.D.	0.366
14)	MA Endrin	5.646	6.766	98732089	1306.3E6	52.566	47.179
16)	A 4,4'-DDD	0.000	6.889	0	25521348	N.D.	0.958
17)	MA 4,4'-DDT	6.018	7.187	182.3E6	2207.5E6	114.754	96.054
18)	B Endrin al...	6.018f	7.099	182.3E6	21857137	121.709	0.937 #
20)	A Methoxychlor	6.563	7.646	237.4E6	2594.5E6	254.086	233.056
21)	B Endrin ke...	0.000	7.798	0	23089744	N.D.	0.938
23)	Toxaphene-2	5.646	0.000	98732089	0	4651.282	N.D. #
24)	Toxaphene-3	6.018	7.187	182.3E6	2207.5E6	5286.207	8827.679 #
25)	Toxaphene-4	0.000	7.187	0	2207.5E6	N.D.	3190.069
26)	Toxaphene-5	0.000	7.731	0	14612998	N.D.	49.236

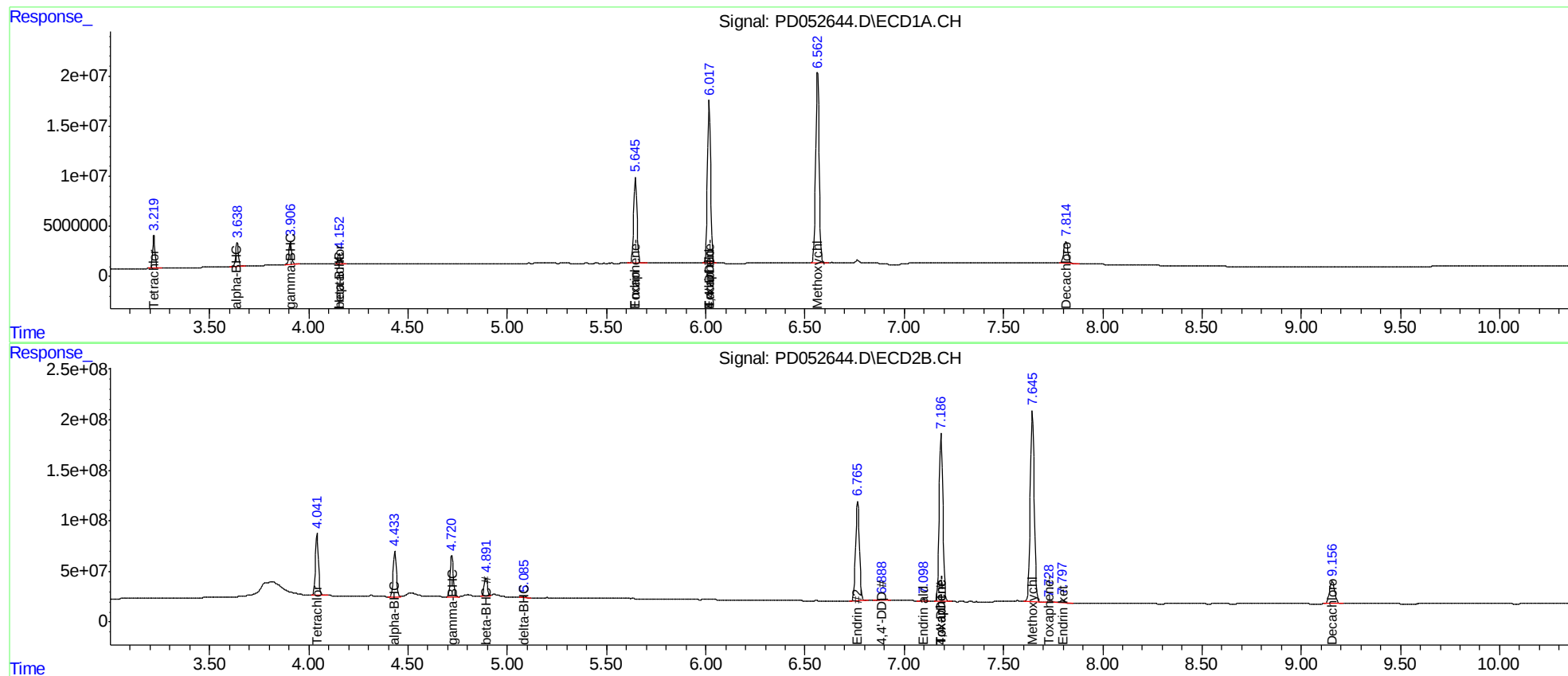
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

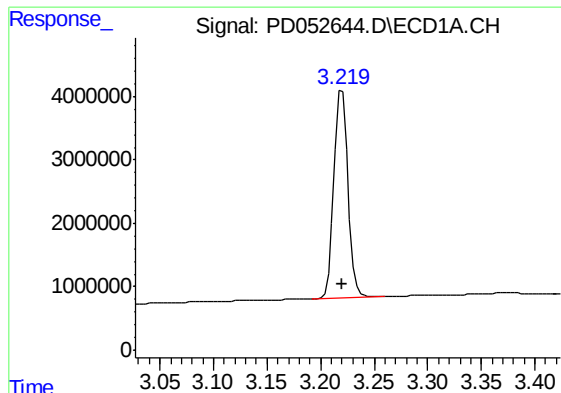
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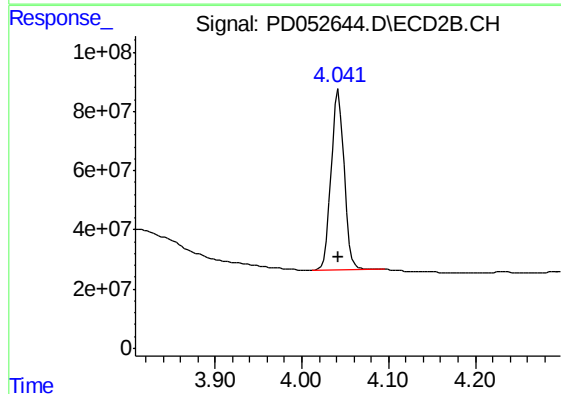




#1 Tetrachloro-m-xylene

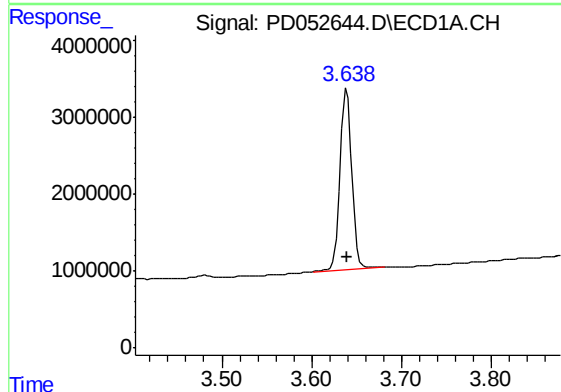
R.T.: 3.220 min
Delta R.T.: 0.000 min
Response: 29781502
Conc: 21.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



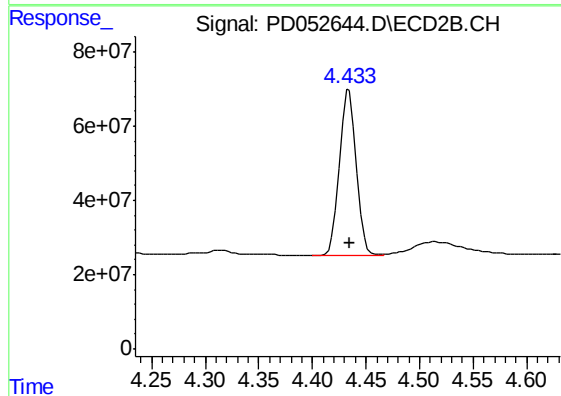
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: 0.000 min
Response: 636171609
Conc: 19.91 ng/ml



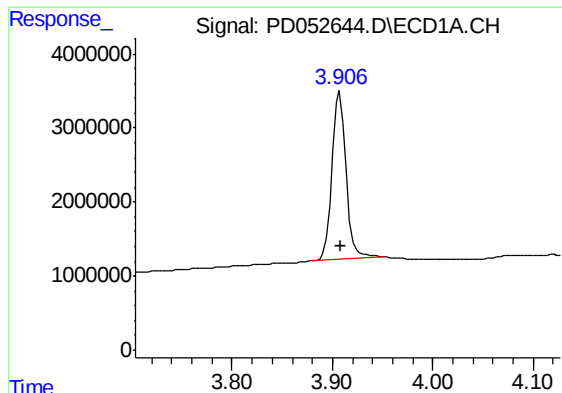
#2 alpha-BHC

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 21770855
Conc: 9.57 ng/ml



#2 alpha-BHC

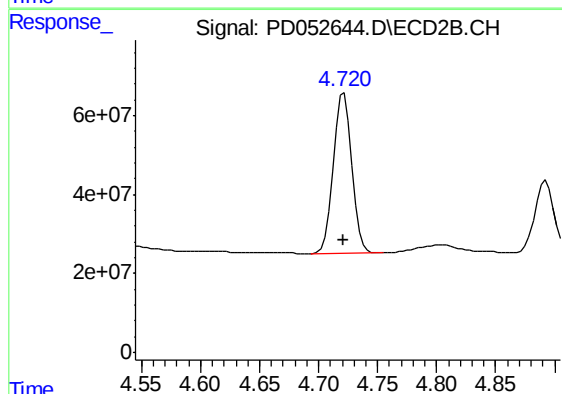
R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 490244445
Conc: 10.17 ng/ml



#3 gamma-BHC (Lindane)

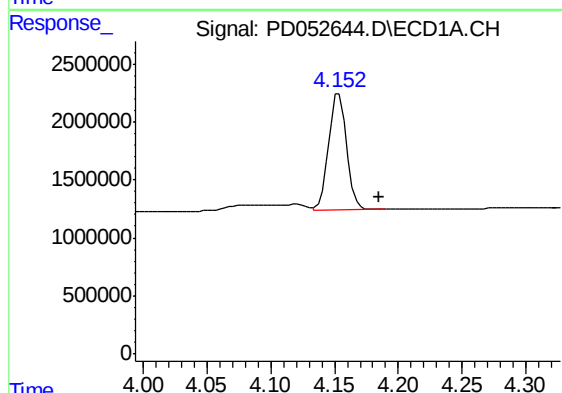
R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 22215059
Conc: 10.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



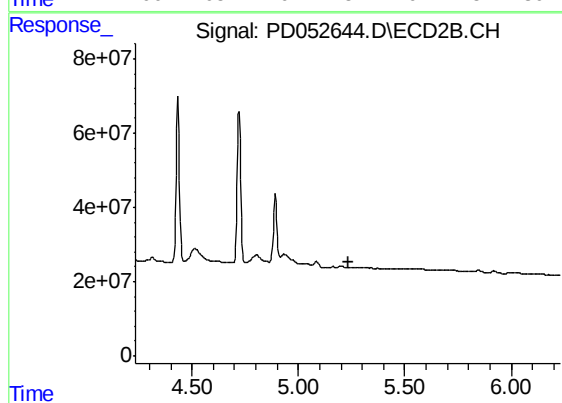
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 453388255
Conc: 10.35 ng/ml



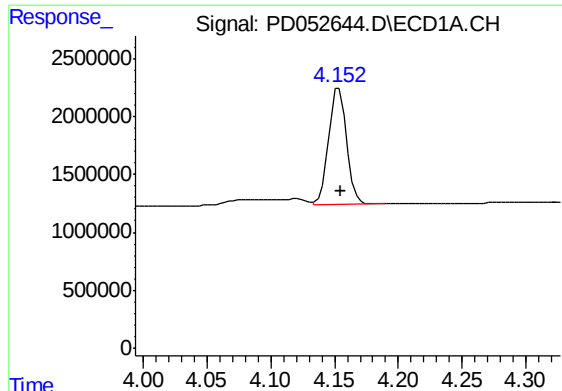
#4 Heptachlor

R.T.: 4.154 min
Delta R.T.: -0.032 min
Response: 9803373
Conc: 4.43 ng/ml



#4 Heptachlor

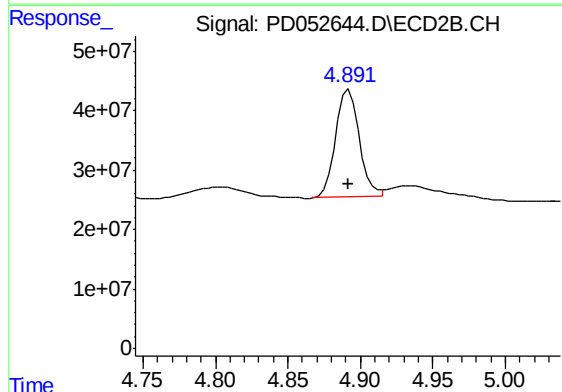
R.T.: 0.000 min
Exp R.T. : 5.234 min
Response: 0
Conc: N.D.



#6 beta-BHC

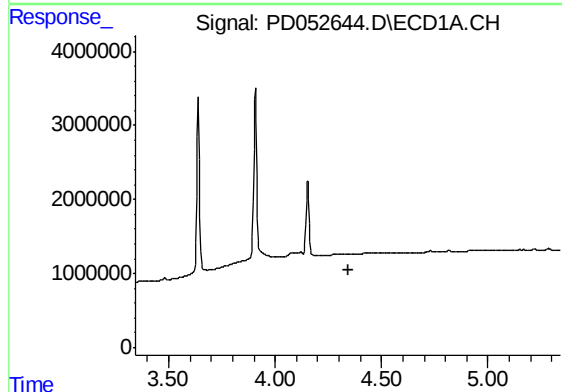
R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 9803373
Conc: 10.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



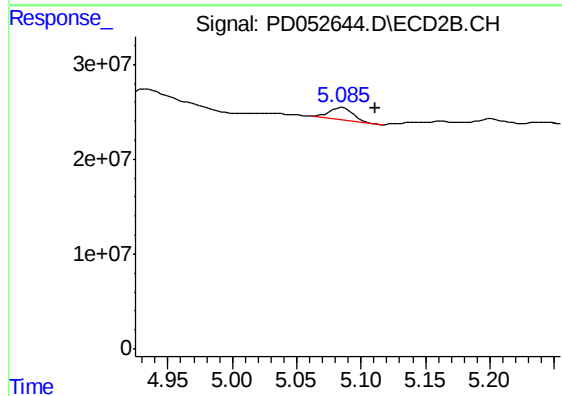
#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 205525456
Conc: 9.91 ng/ml



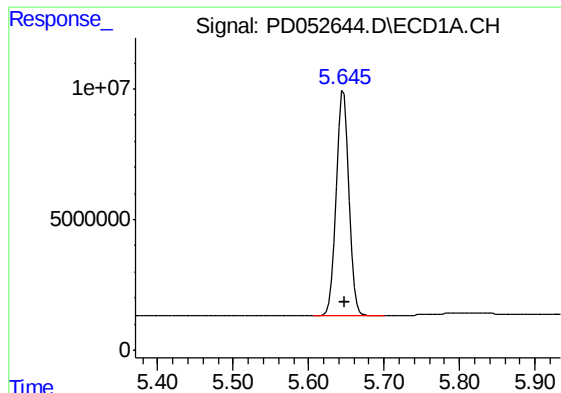
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.343 min
Response: 0
Conc: N.D.



#7 delta-BHC

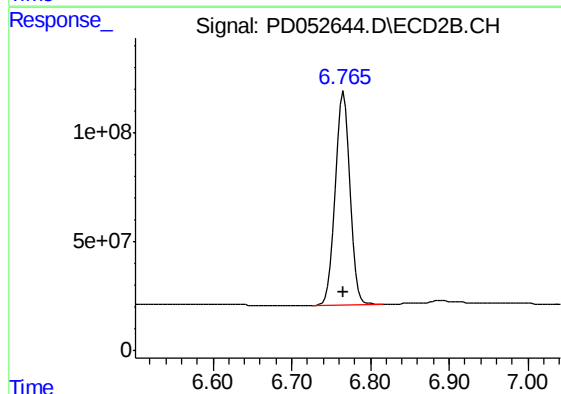
R.T.: 5.085 min
Delta R.T.: -0.026 min
Response: 16045630
Conc: 0.37 ng/ml



#14 Endrin

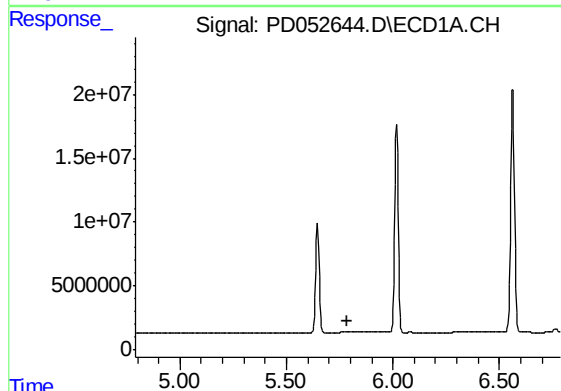
R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 98732089
Conc: 52.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



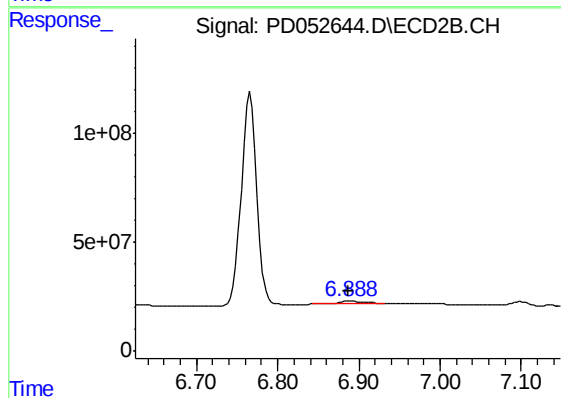
#14 Endrin

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 1306263124
Conc: 47.18 ng/ml



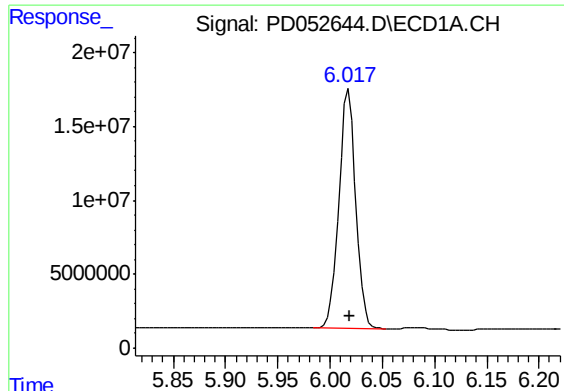
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.788 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

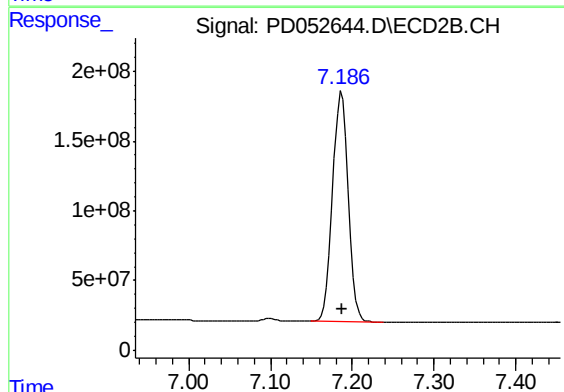
R.T.: 6.889 min
Delta R.T.: 0.003 min
Response: 25521348
Conc: 0.96 ng/ml



#17 4,4'-DDT

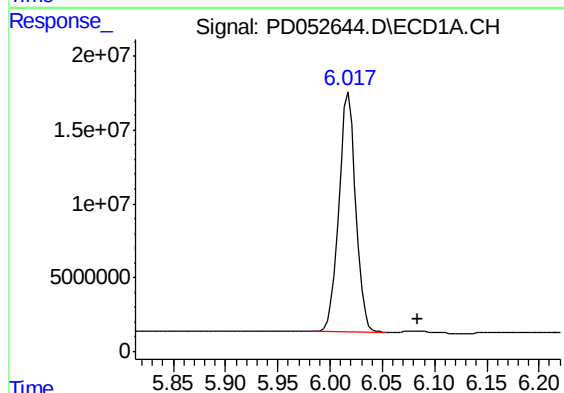
R.T.: 6.018 min
Delta R.T.: -0.001 min
Response: 182334277
Conc: 114.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



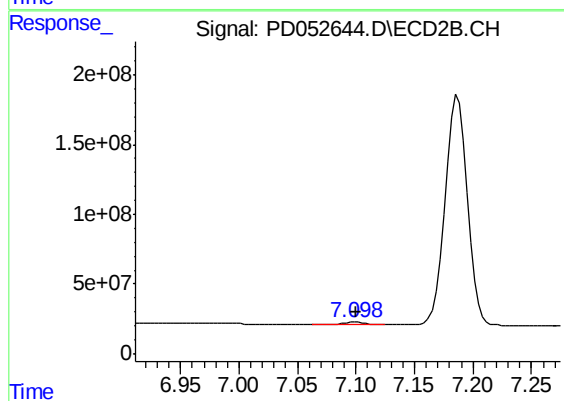
#17 4,4'-DDT

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 2207525614
Conc: 96.05 ng/ml



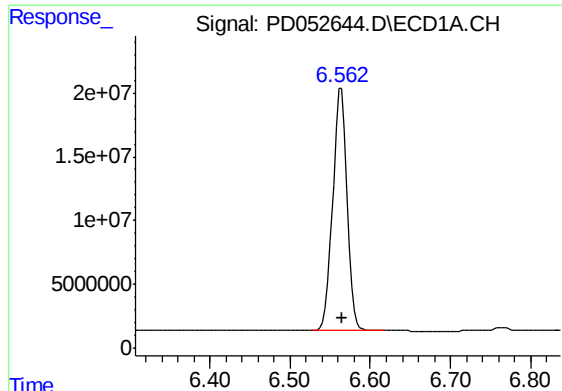
#18 Endrin aldehyde

R.T.: 6.018 min
Delta R.T.: -0.067 min
Response: 182334277
Conc: 121.71 ng/ml



#18 Endrin aldehyde

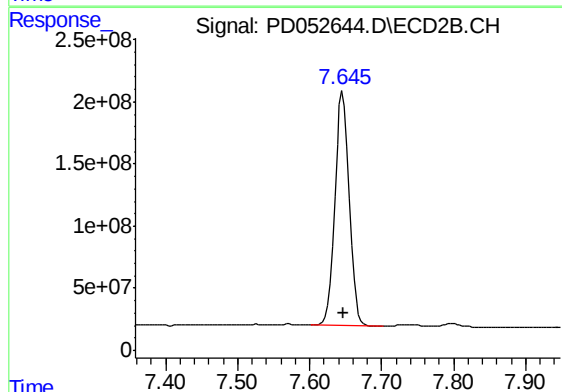
R.T.: 7.099 min
Delta R.T.: -0.001 min
Response: 21857137
Conc: 0.94 ng/ml



#20 Methoxychlor

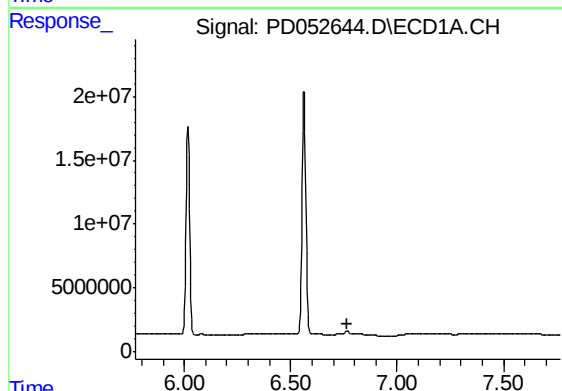
R.T.: 6.563 min
Delta R.T.: -0.001 min
Response: 237363893
Conc: 254.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



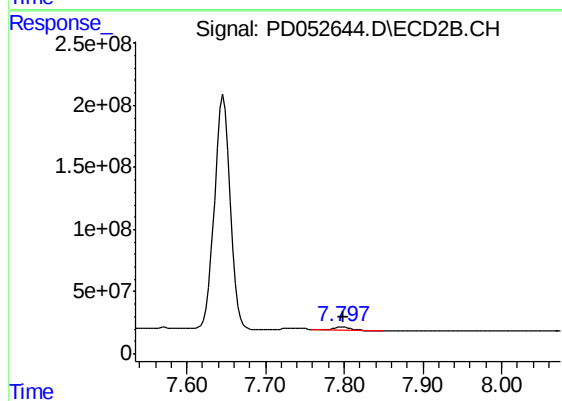
#20 Methoxychlor

R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 2594478653
Conc: 233.06 ng/ml



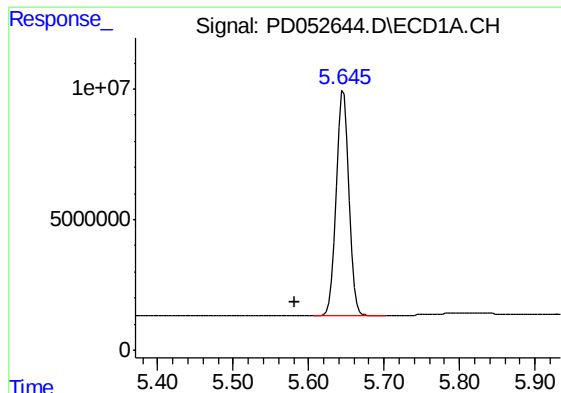
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.767 min
Response: 0
Conc: N.D.



#21 Endrin ketone

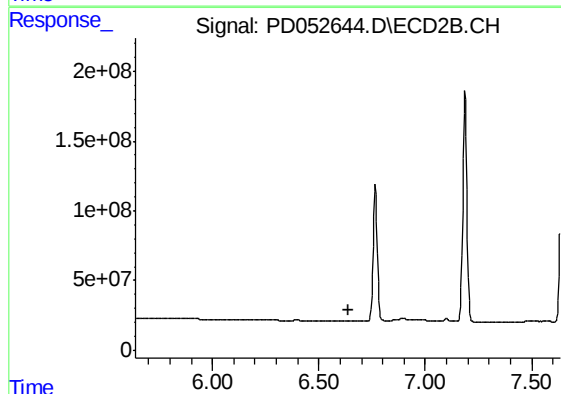
R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 23089744
Conc: 0.94 ng/ml



#23 Toxaphene-2

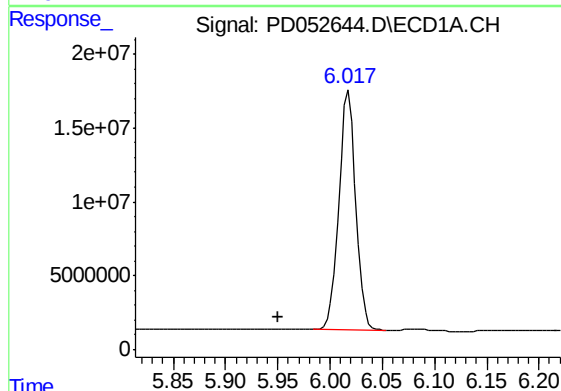
R.T.: 5.646 min
Delta R.T.: 0.066 min
Response: 98732089
Conc: 4651.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



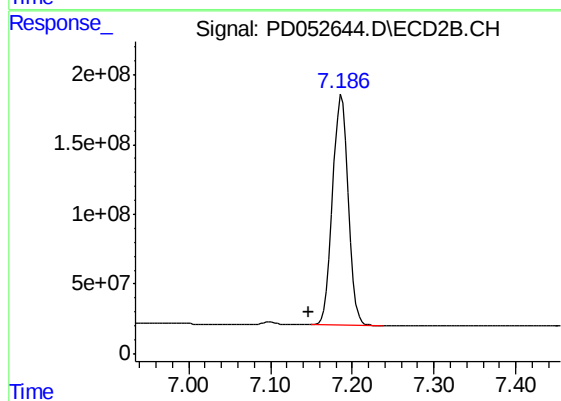
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T. : 6.637 min
Response: 0
Conc: N.D.



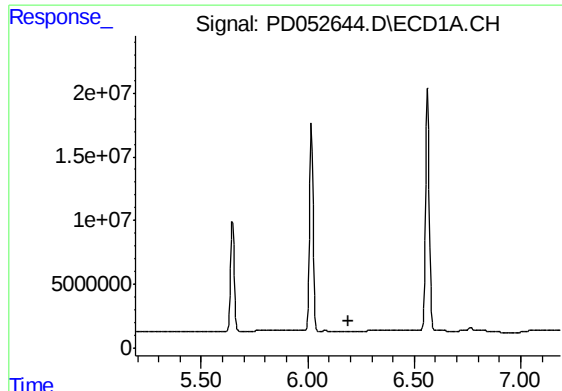
#24 Toxaphene-3

R.T.: 6.018 min
Delta R.T.: 0.067 min
Response: 182334277
Conc: 5286.21 ng/ml



#24 Toxaphene-3

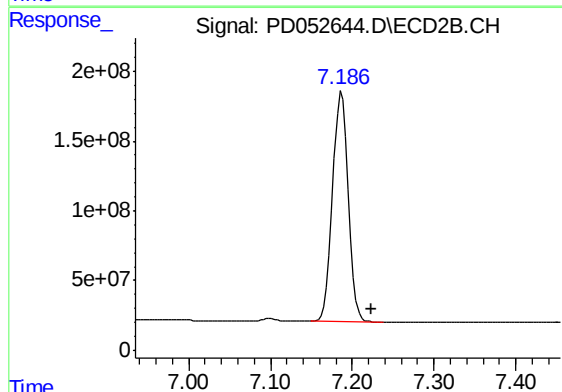
R.T.: 7.187 min
Delta R.T.: 0.040 min
Response: 2207525614
Conc: 8827.68 ng/ml



#25 Toxaphene-4

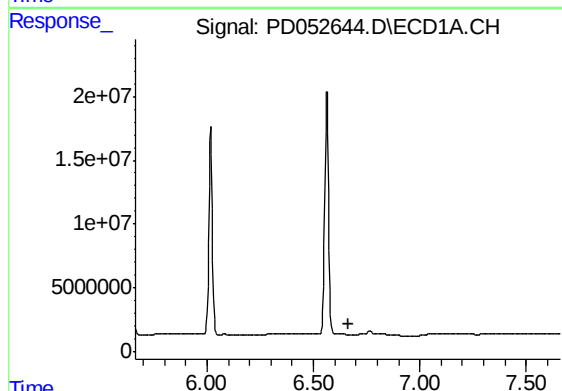
R.T.: 0.000 min
Exp R.T.: 6.189 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM30



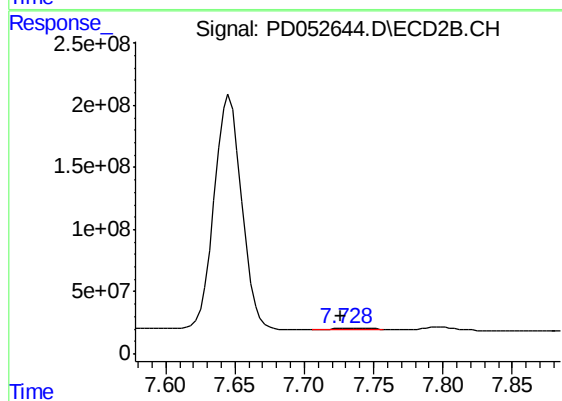
#25 Toxaphene-4

R.T.: 7.187 min
Delta R.T.: -0.037 min
Response: 2207525614
Conc: 3190.07 ng/ml



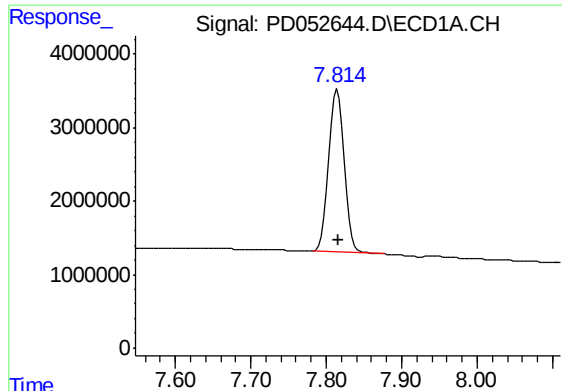
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

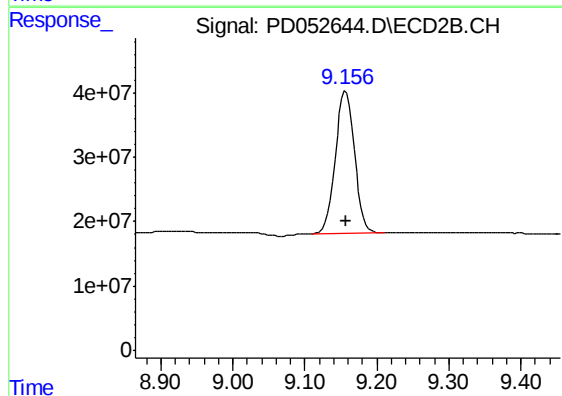
R.T.: 7.731 min
Delta R.T.: 0.004 min
Response: 14612998
Conc: 49.24 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.815 min
Delta R.T.: -0.002 min
Response: 31426829
Conc: 20.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM30



#27 Decachlorobiphenyl

R.T.: 9.157 min
Delta R.T.: 0.000 min
Response: 406660764
Conc: 20.92 ng/ml