

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
 Data File : PD053061.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Apr 2019 9:06
 Operator : AJ\SJ
 Sample : PEM01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 00:45:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042319CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 24 03:53:52 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...	3.217	4.040	28770095	559.7E6	20.508	21.996
27)	SA Decachlor...	7.814	9.152	31500090	430.4E6	21.905	22.465
Target Compounds							
2)	A alpha-BHC	3.636	4.432	20372933	431.4E6	9.624	11.319
3)	MA gamma-BHC...	3.904	4.719	20580642	400.9E6	10.097	11.562
4)	MA Heptachlor	4.151f	0.000	9356242	0	4.268	N.D. #
6)	B beta-BHC	4.151	4.890	9356242	177.5E6	10.510	11.525
8)	B Heptachlo...	0.000	5.923	0	55559240	N.D.	1.808
14)	MA Endrin	5.644	6.762	98990138	1227.4E6	54.510	50.976
16)	A 4,4'-DDD	0.000	6.900	0	22773439	N.D.	0.989
17)	MA 4,4'-DDT	6.016	7.184	172.9E6	2102.4E6	121.706	110.796
18)	B Endrin al...	6.016f	0.000	172.9E6	0	120.869	N.D. #
20)	A Methoxychlor	6.562	7.643	236.4E6	2619.8E6	262.813	259.519
21)	B Endrin ke...	0.000	7.795	0	12776085	N.D.	0.593
23)	Toxaphene-2	5.644	0.000	98990138	0	4832.701	N.D. #
24)	Toxaphene-3	6.016	7.184	172.9E6	2102.4E6	5164.966	9504.675 #
25)	Toxaphene-4	0.000	7.184	0	2102.4E6	N.D.	3454.886
26)	Toxaphene-5	0.000	7.724	0	15164431	N.D.	56.028

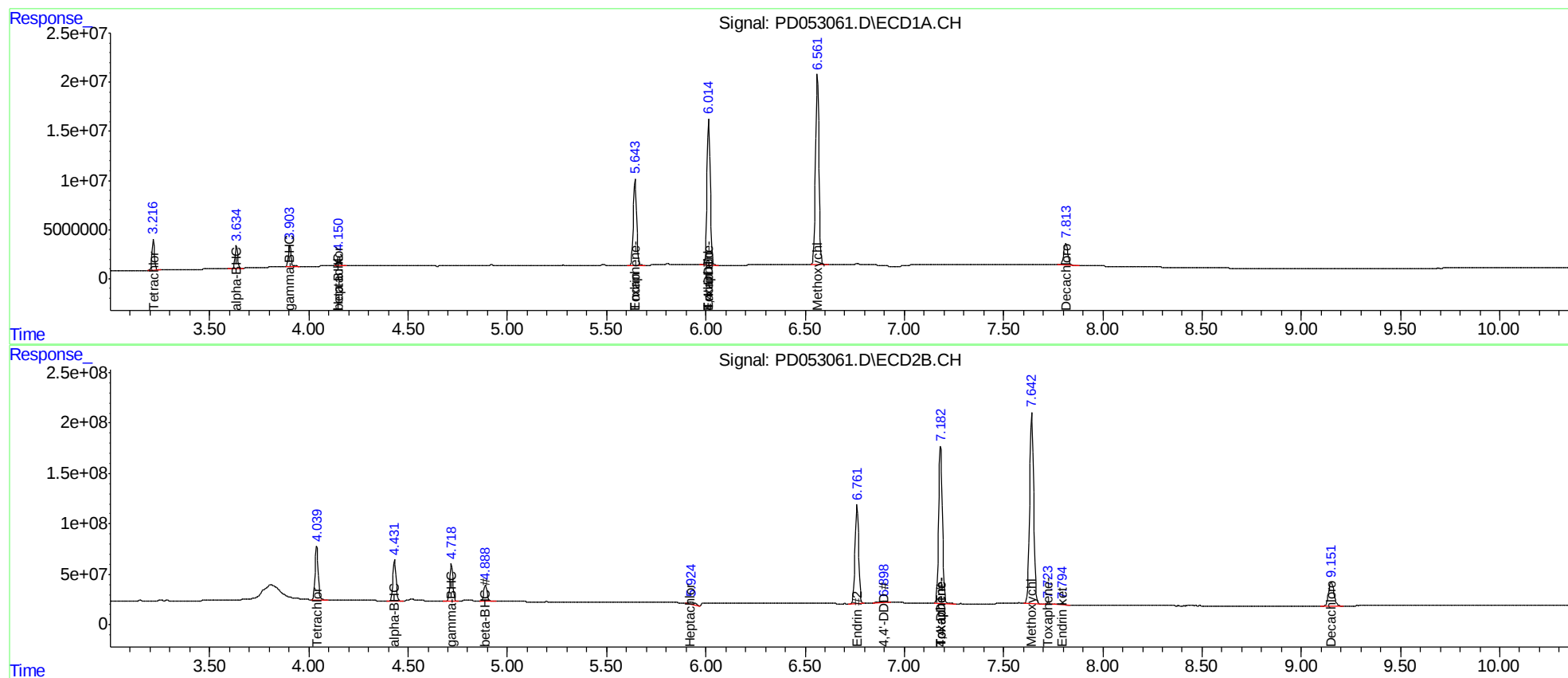
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

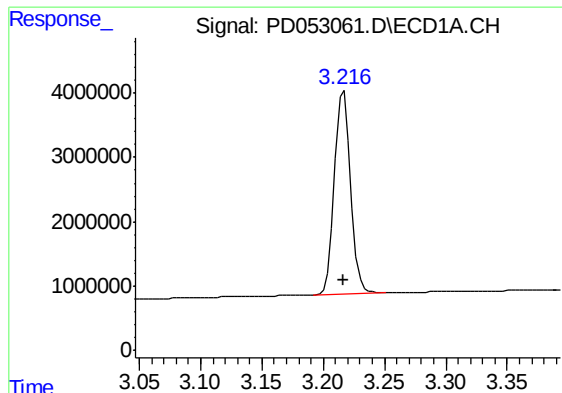
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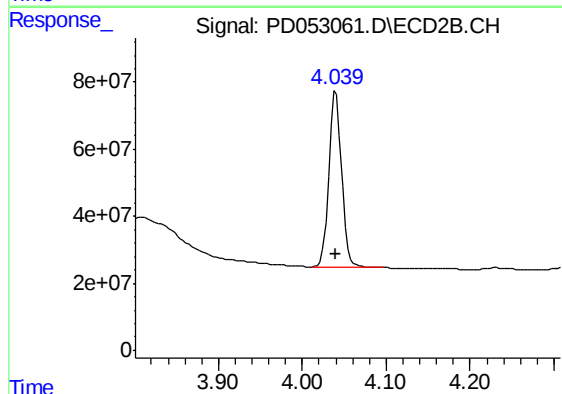




#1 Tetrachloro-m-xylene

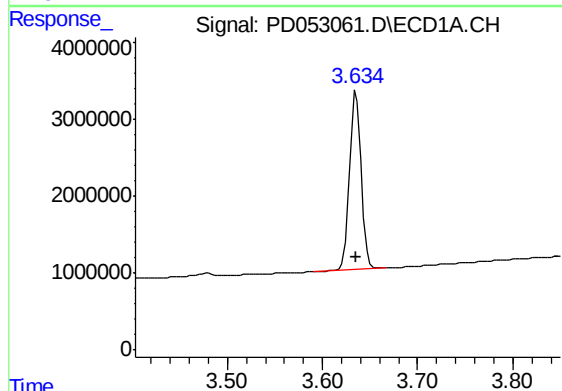
R.T.: 3.217 min
Delta R.T.: 0.000 min
Response: 28770095
Conc: 20.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



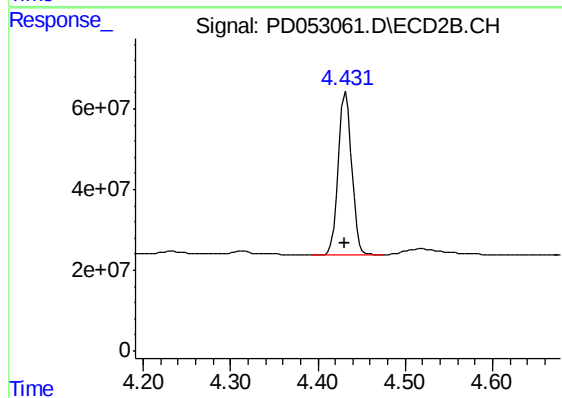
#1 Tetrachloro-m-xylene

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 559690317
Conc: 22.00 ng/ml



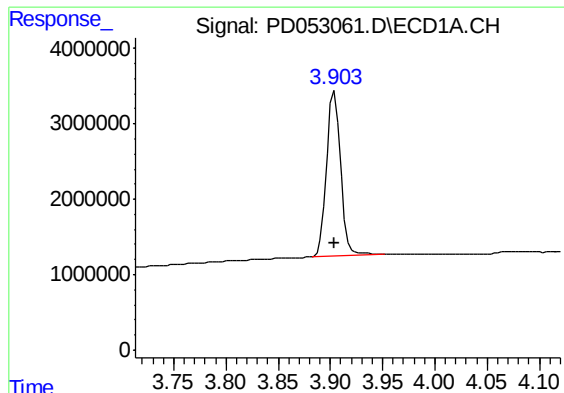
#2 alpha-BHC

R.T.: 3.636 min
Delta R.T.: 0.000 min
Response: 20372933
Conc: 9.62 ng/ml



#2 alpha-BHC

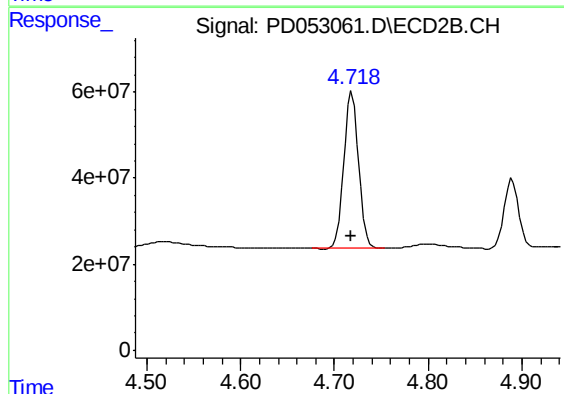
R.T.: 4.432 min
Delta R.T.: 0.002 min
Response: 431410591
Conc: 11.32 ng/ml



#3 gamma-BHC (Lindane)

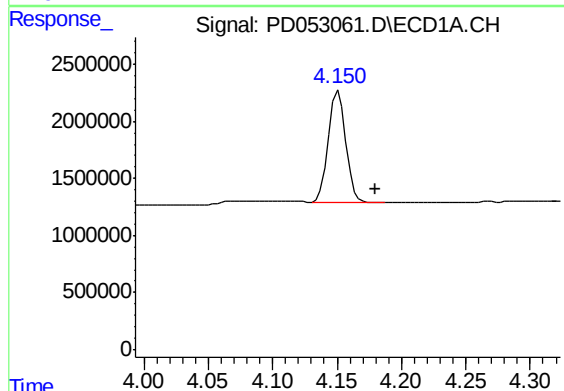
R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 20580642
Conc: 10.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



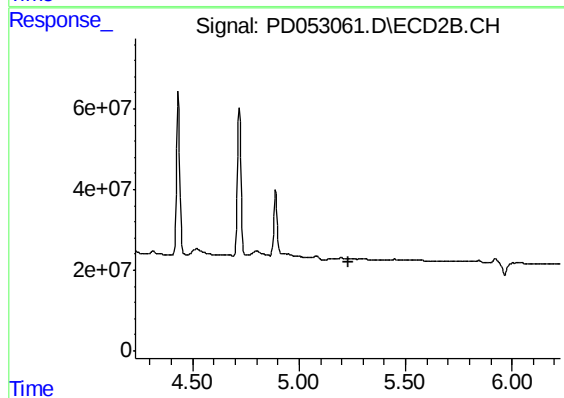
#3 gamma-BHC (Lindane)

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 400885755
Conc: 11.56 ng/ml



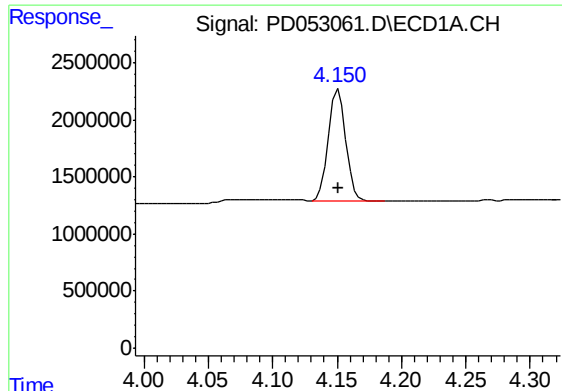
#4 Heptachlor

R.T.: 4.151 min
Delta R.T.: -0.029 min
Response: 9356242
Conc: 4.27 ng/ml



#4 Heptachlor

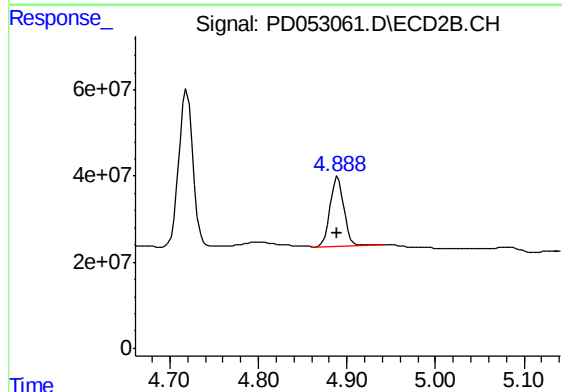
R.T.: 0.000 min
Exp R.T. : 5.231 min
Response: 0
Conc: N.D.



#6 beta-BHC

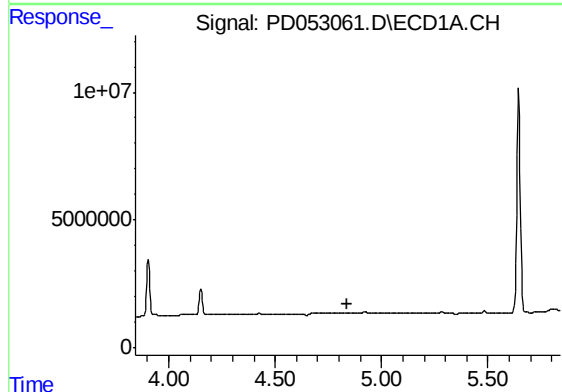
R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 9356242
Conc: 10.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



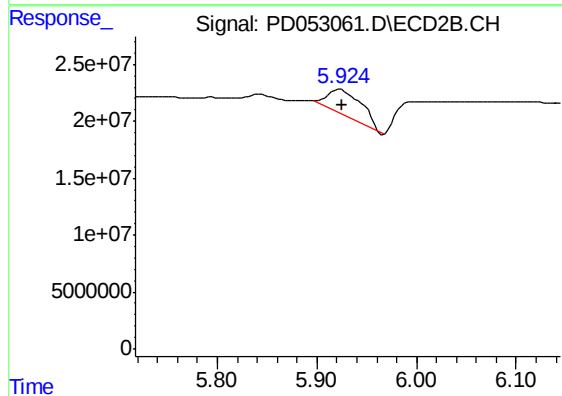
#6 beta-BHC

R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 177496565
Conc: 11.53 ng/ml



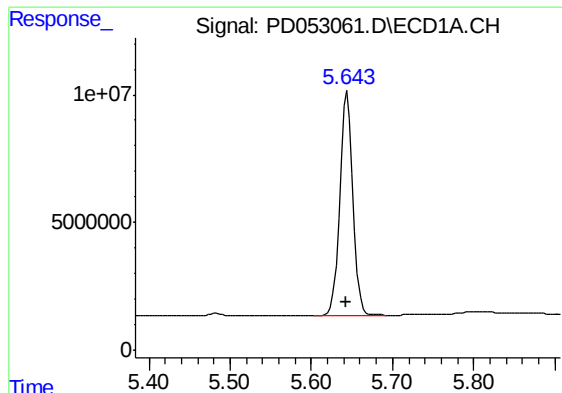
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.840 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

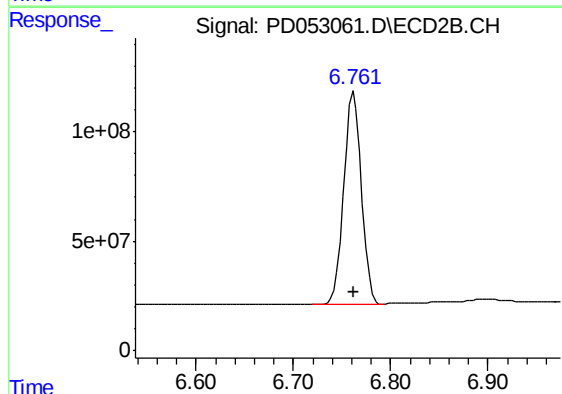
R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 55559240
Conc: 1.81 ng/ml



#14 Endrin

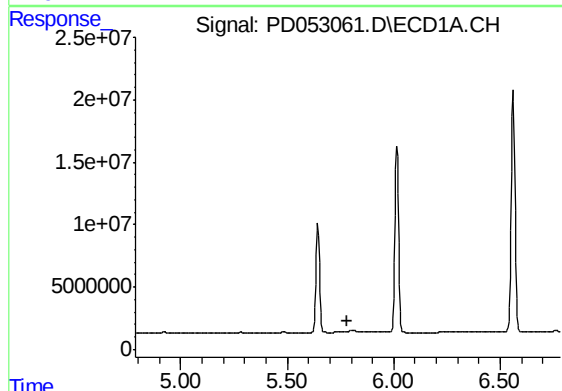
R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 98990138
Conc: 54.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



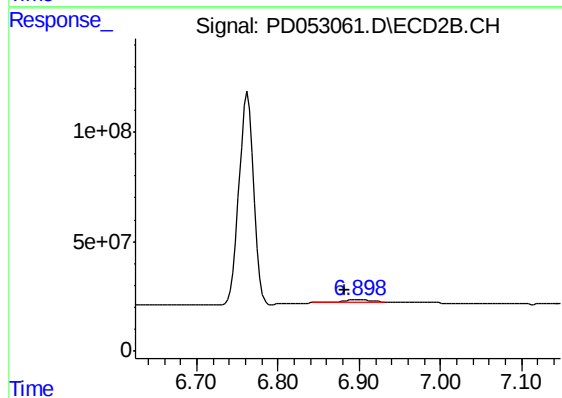
#14 Endrin

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 1227443128
Conc: 50.98 ng/ml



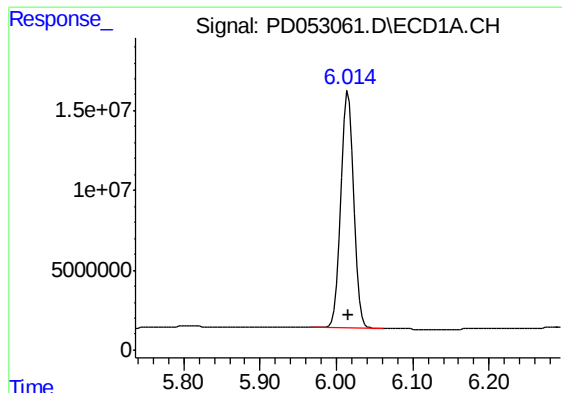
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.784 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

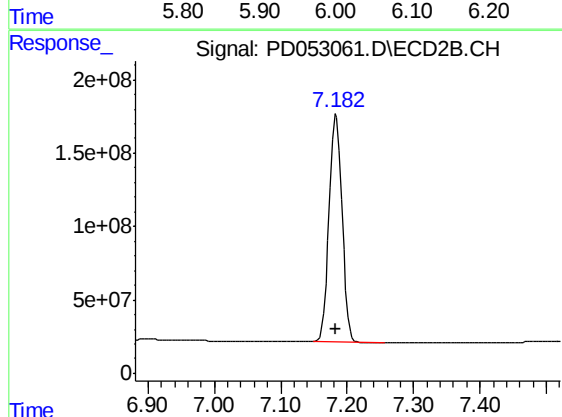
R.T.: 6.900 min
Delta R.T.: 0.017 min
Response: 22773439
Conc: 0.99 ng/ml



#17 4,4'-DDT

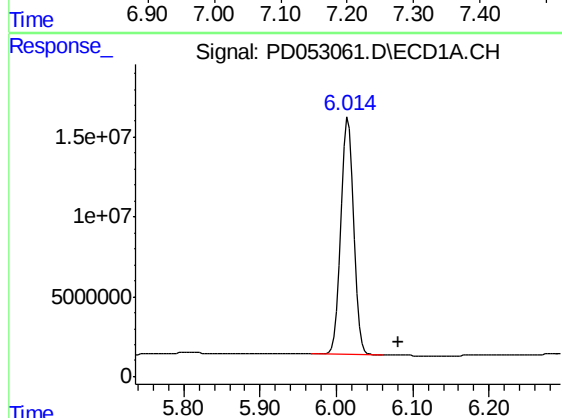
R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 172911530
Conc: 121.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



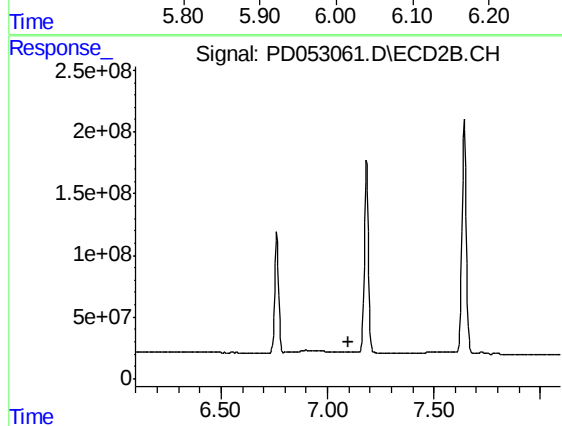
#17 4,4'-DDT

R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 2102360582
Conc: 110.80 ng/ml



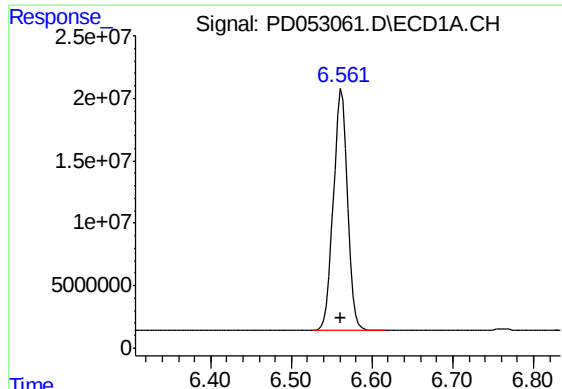
#18 Endrin aldehyde

R.T.: 6.016 min
Delta R.T.: -0.065 min
Response: 172911530
Conc: 120.87 ng/ml



#18 Endrin aldehyde

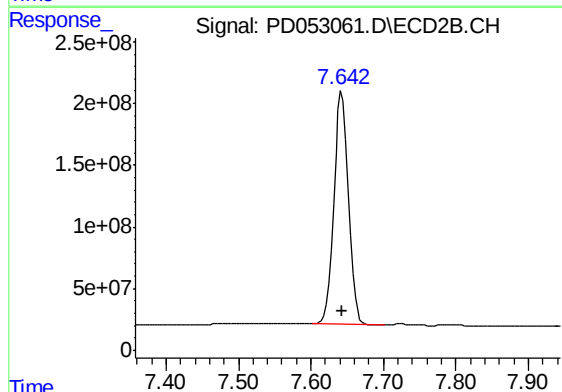
R.T.: 0.000 min
Exp R.T. : 7.097 min
Response: 0
Conc: N.D.



#20 Methoxychlor

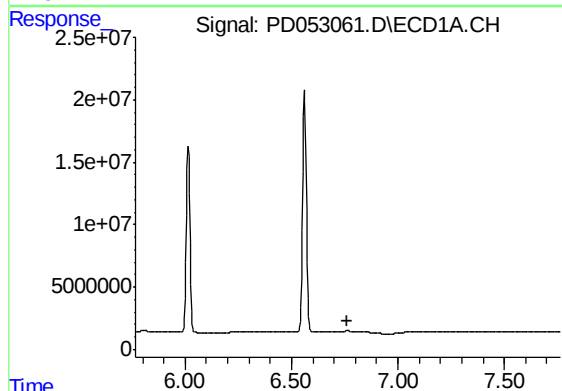
R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 236364595
Conc: 262.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



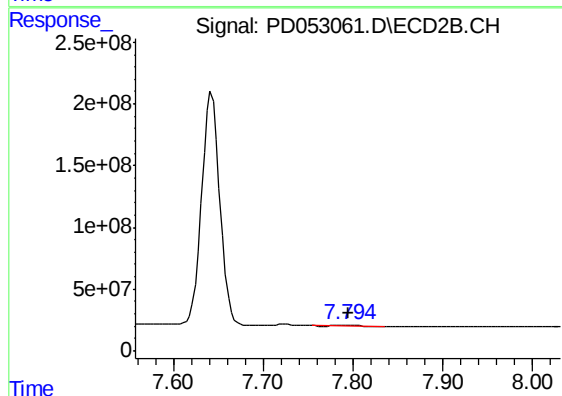
#20 Methoxychlor

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 2619760549
Conc: 259.52 ng/ml



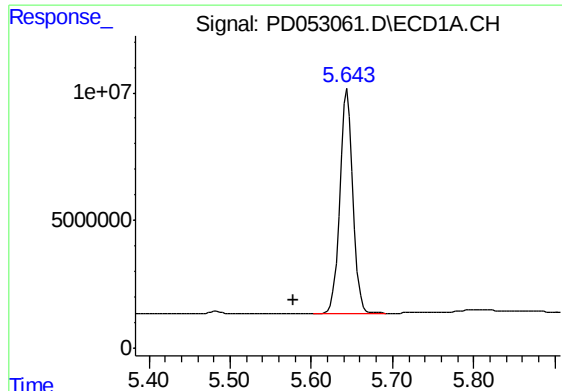
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.764 min
Response: 0
Conc: N.D.



#21 Endrin ketone

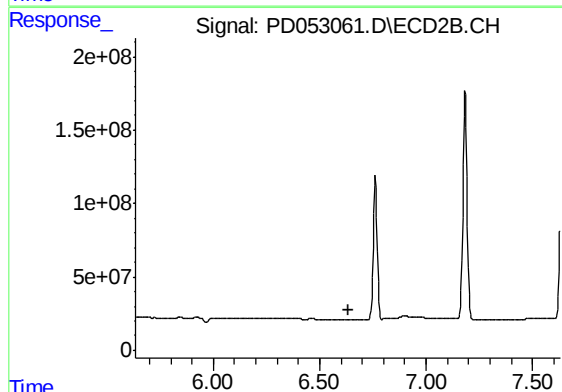
R.T.: 7.795 min
Delta R.T.: 0.000 min
Response: 12776085
Conc: 0.59 ng/ml



#23 Toxaphene-2

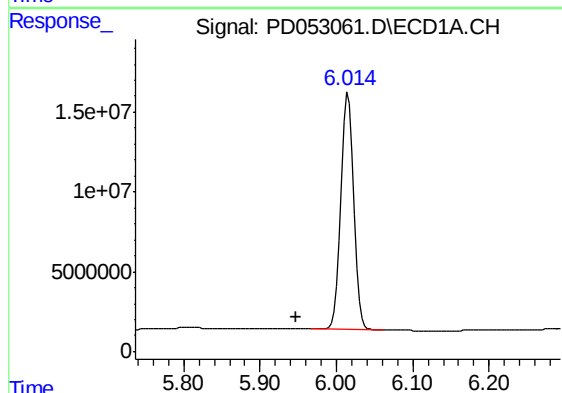
R.T.: 5.644 min
Delta R.T.: 0.066 min
Response: 98990138
Conc: 4832.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



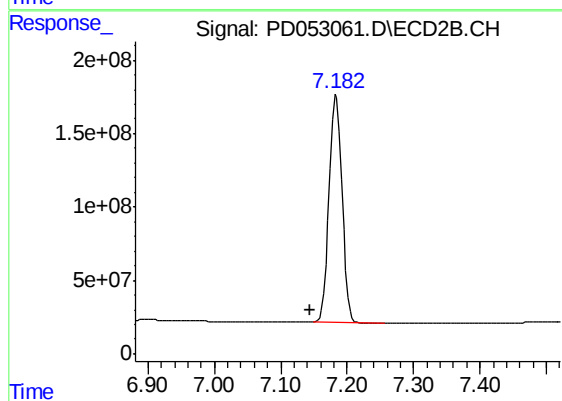
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T. : 6.633 min
Response: 0
Conc: N.D.



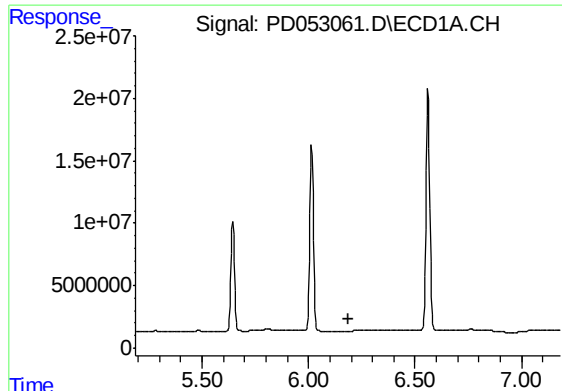
#24 Toxaphene-3

R.T.: 6.016 min
Delta R.T.: 0.068 min
Response: 172911530
Conc: 5164.97 ng/ml



#24 Toxaphene-3

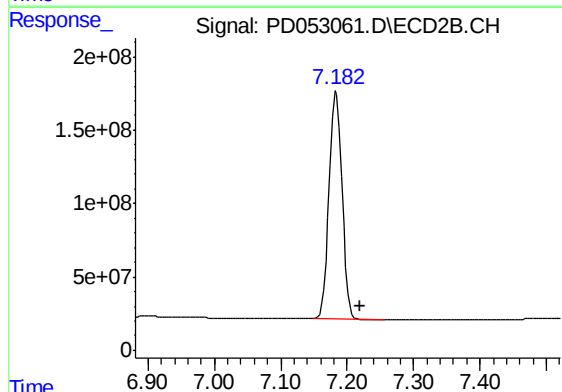
R.T.: 7.184 min
Delta R.T.: 0.040 min
Response: 2102360582
Conc: 9504.68 ng/ml



#25 Toxaphene-4

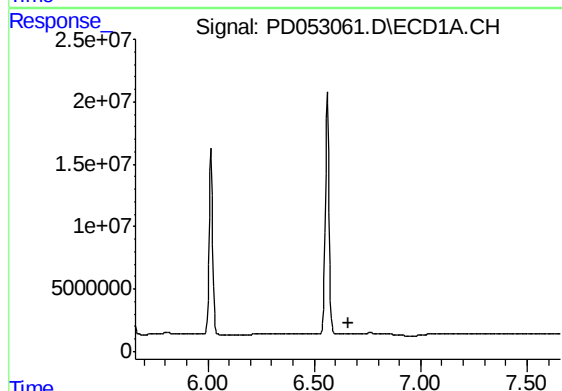
R.T.: 0.000 min
Exp R.T.: 6.186 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM01



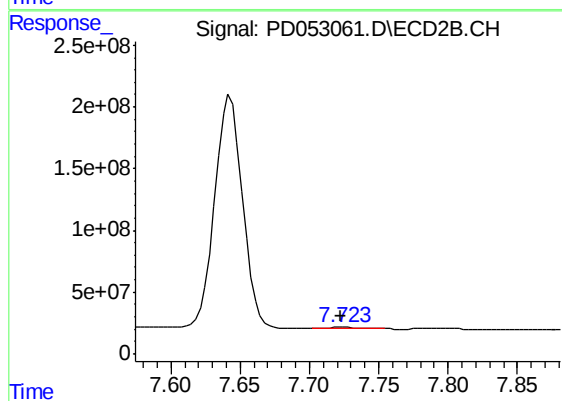
#25 Toxaphene-4

R.T.: 7.184 min
Delta R.T.: -0.036 min
Response: 2102360582
Conc: 3454.89 ng/ml



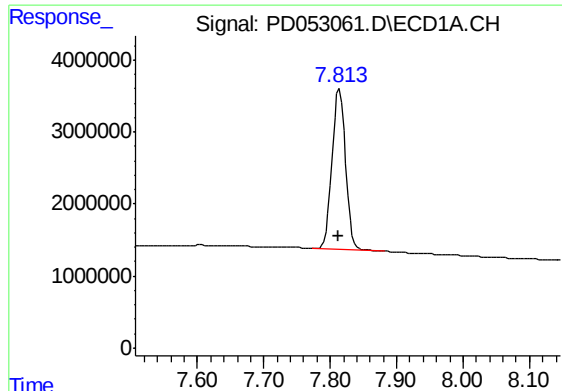
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T.: 6.660 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

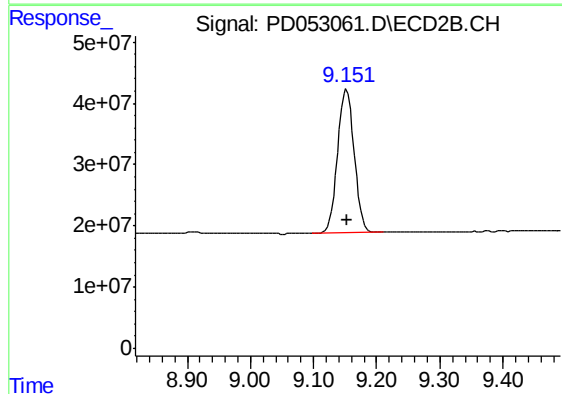
R.T.: 7.724 min
Delta R.T.: 0.001 min
Response: 15164431
Conc: 56.03 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.814 min
Delta R.T.: 0.001 min
Response: 31500090
Conc: 21.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM01



#27 Decachlorobiphenyl

R.T.: 9.152 min
Delta R.T.: 0.000 min
Response: 430406959
Conc: 22.46 ng/ml