

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060719\
 Data File : PD053504.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Jun 2019 8:59
 Operator : SM\AJ
 Sample : PEM31
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM31

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 00:55:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052119CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed May 22 06:53:42 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...	3.322	3.985	13913552	21438602	18.989	21.775
27)	SA Decachlor...	8.021	9.035	11925131	18300758	18.027	17.717
Target Compounds							
2)	A alpha-BHC	3.752	4.372	9009715	13829222	9.629	11.461
3)	MA gamma-BHC...	4.029	4.655	8637819	14168607	10.072	12.139
4)	MA Heptachlor	4.278f	0.000	3934139	0	5.413	N.D. #
6)	B beta-BHC	4.278	4.821	3934139	9455931	9.477	16.121 #
8)	B Heptachlo...	0.000	5.845	0	858007	N.D.	0.731
10)	B trans-Chl...	0.000	6.026f	0	109547	N.D.	<MDL
12)	B 4,4'-DDE	0.000	6.314	0	246728	N.D.	0.200
14)	MA Endrin	5.824	6.680	30418511	45502436	46.643	50.680
16)	A 4,4'-DDD	0.000	6.801	0	1561255	N.D.	1.690
17)	MA 4,4'-DDT	6.196	7.098	50709428	91463566	93.547	103.747
18)	B Endrin al...	6.196f	7.010	50709428	959104	88.216	1.074 #
20)	A Methoxychlor	6.746	7.554	49782865	105.8E6	218.847	246.234
21)	B Endrin ke...	6.964	7.702	840249	1949022	1.230	1.829 #
22)	Toxaphene-1	0.000	6.314	0	246728	N.D.	42.981
23)	Toxaphene-2	0.000	6.680	0	45502436	N.D.	6376.818
24)	Toxaphene-3	0.000	7.098	0	91463566	N.D.	9001.944
25)	Toxaphene-4	0.000	7.098	0	91463566	N.D.	3208.170
26)	Toxaphene-5	0.000	7.642	0	760601	N.D.	60.300

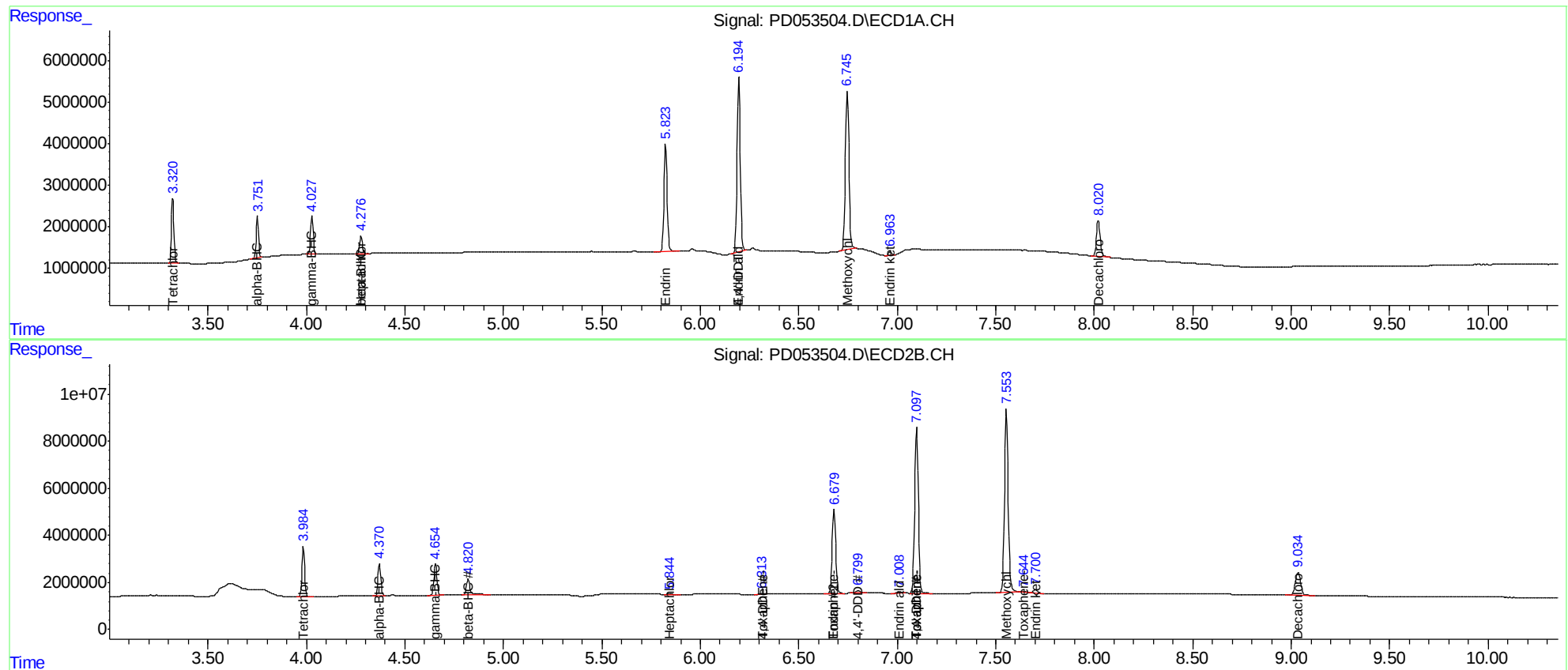
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

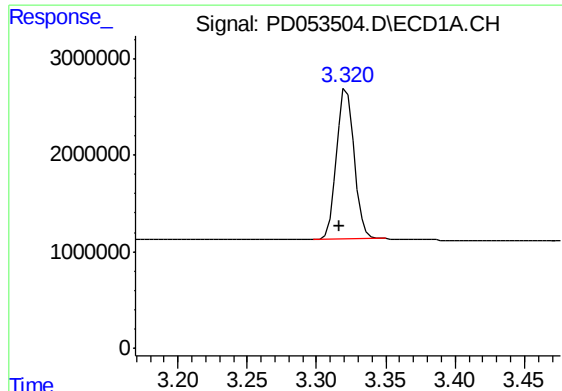
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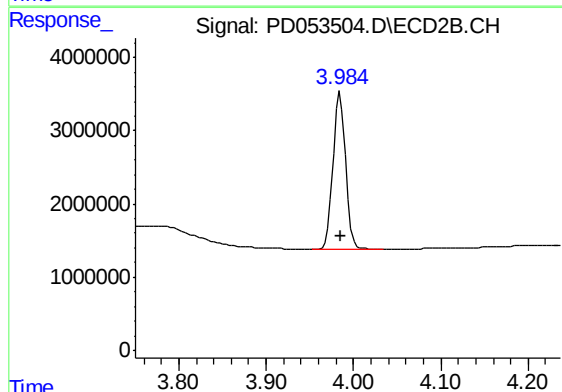




#1 Tetrachloro-m-xylene

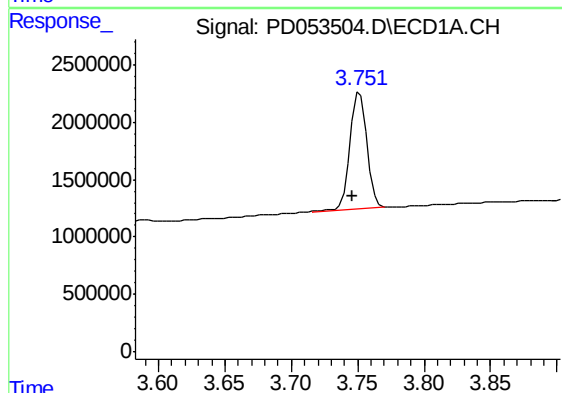
R.T.: 3.322 min
Delta R.T.: 0.005 min
Response: 13913552
Conc: 18.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM31



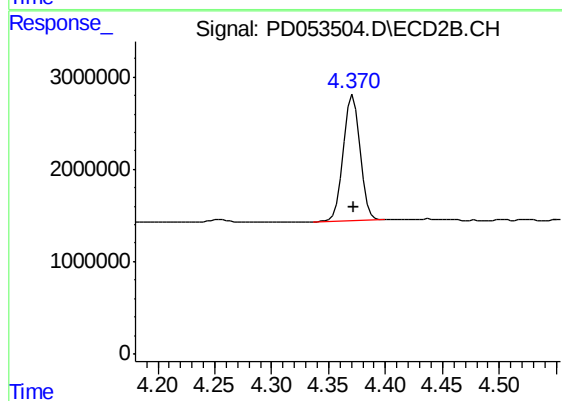
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 21438602
Conc: 21.77 ng/ml



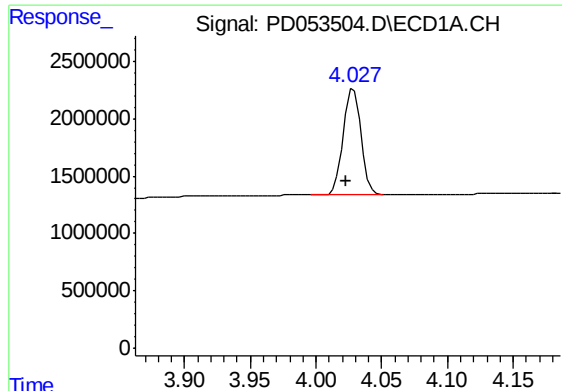
#2 alpha-BHC

R.T.: 3.752 min
Delta R.T.: 0.006 min
Response: 9009715
Conc: 9.63 ng/ml



#2 alpha-BHC

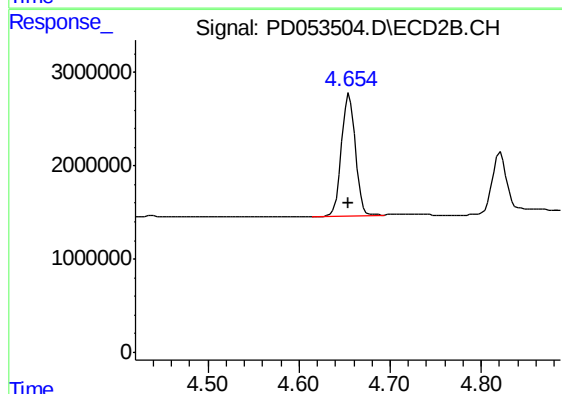
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 13829222
Conc: 11.46 ng/ml



#3 gamma-BHC (Lindane)

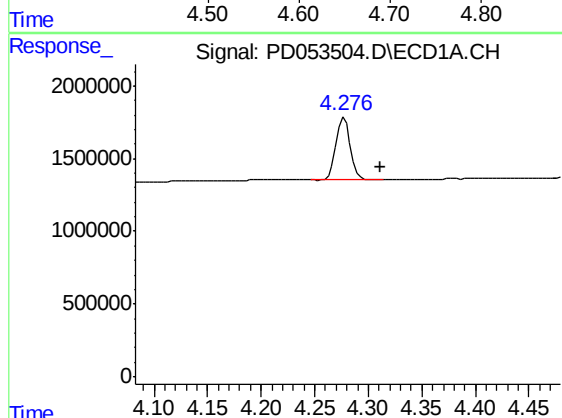
R.T.: 4.029 min
Delta R.T.: 0.006 min
Response: 8637819
Conc: 10.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM31



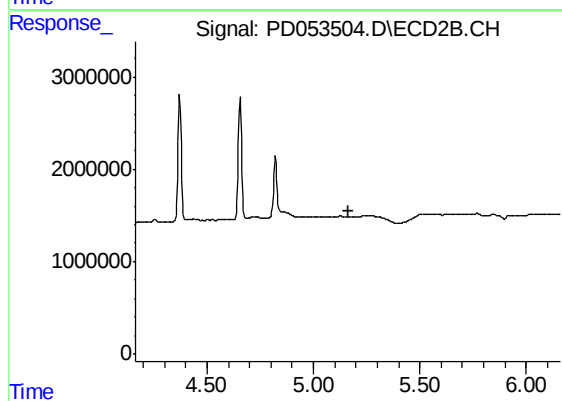
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 14168607
Conc: 12.14 ng/ml



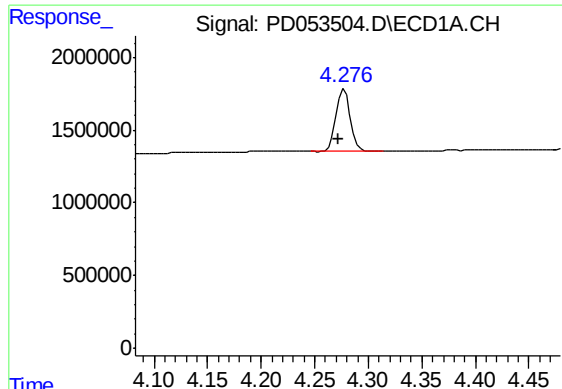
#4 Heptachlor

R.T.: 4.278 min
Delta R.T.: -0.034 min
Response: 3934139
Conc: 5.41 ng/ml



#4 Heptachlor

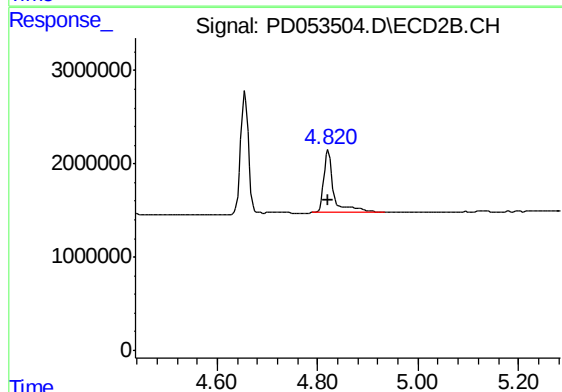
R.T.: 0.000 min
Exp R.T. : 5.163 min
Response: 0
Conc: N.D.



#6 beta-BHC

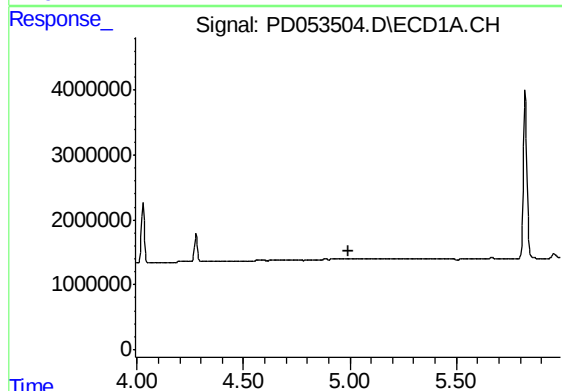
R.T.: 4.278 min
Delta R.T.: 0.006 min
Response: 3934139
Conc: 9.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM31



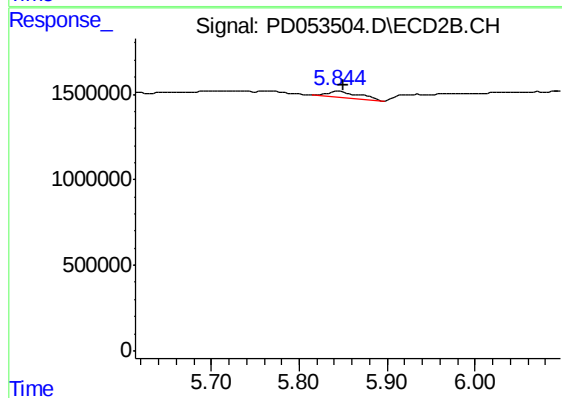
#6 beta-BHC

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 9455931
Conc: 16.12 ng/ml



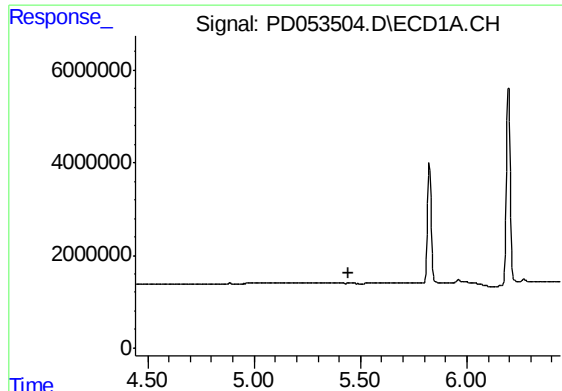
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.992 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

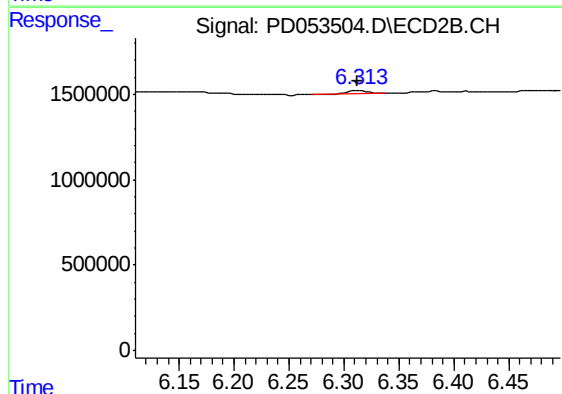
R.T.: 5.845 min
Delta R.T.: -0.006 min
Response: 858007
Conc: 0.73 ng/ml



#12 4,4'-DDE

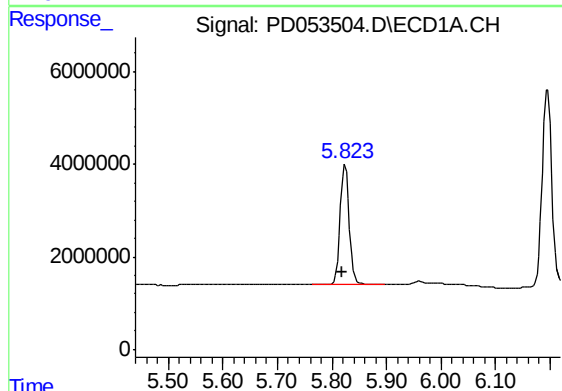
R.T.: 0.000 min
Exp R.T.: 5.442 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM31



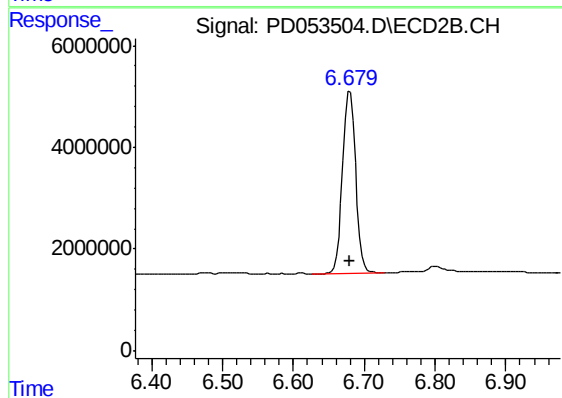
#12 4,4'-DDE

R.T.: 6.314 min
Delta R.T.: 0.002 min
Response: 246728
Conc: 0.20 ng/ml



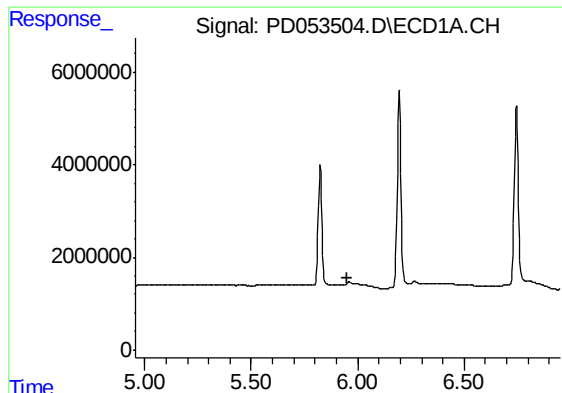
#14 Endrin

R.T.: 5.824 min
Delta R.T.: 0.006 min
Response: 30418511
Conc: 46.64 ng/ml



#14 Endrin

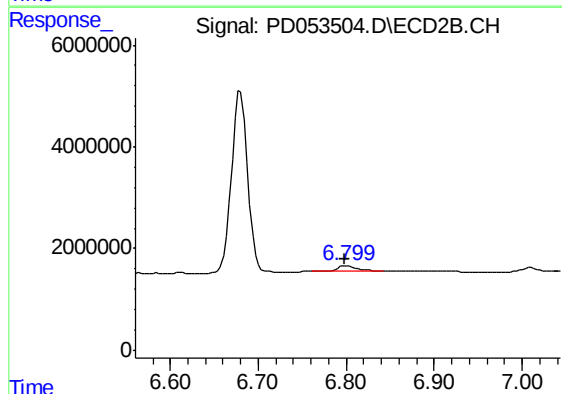
R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 45502436
Conc: 50.68 ng/ml



#16 4,4'-DDD

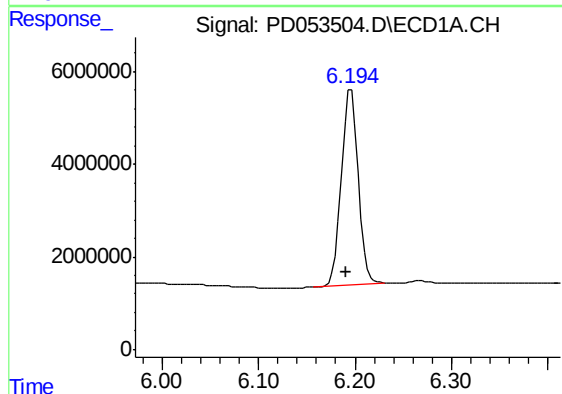
R.T.: 0.000 min
Exp R.T.: 5.953 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM31



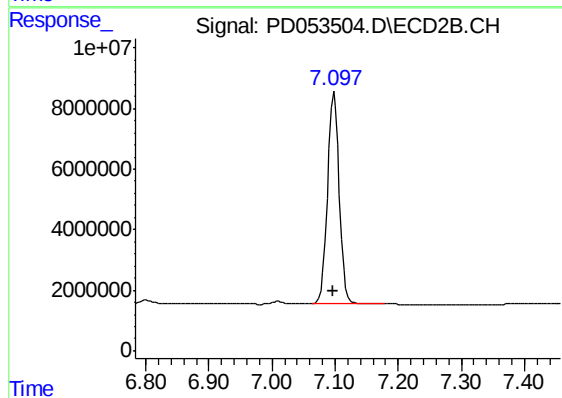
#16 4,4'-DDD

R.T.: 6.801 min
Delta R.T.: 0.002 min
Response: 1561255
Conc: 1.69 ng/ml



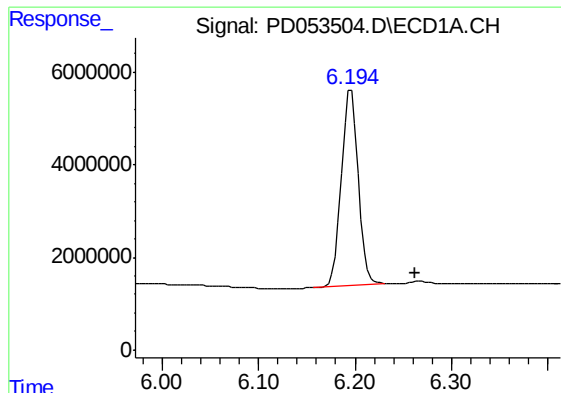
#17 4,4'-DDT

R.T.: 6.196 min
Delta R.T.: 0.005 min
Response: 50709428
Conc: 93.55 ng/ml



#17 4,4'-DDT

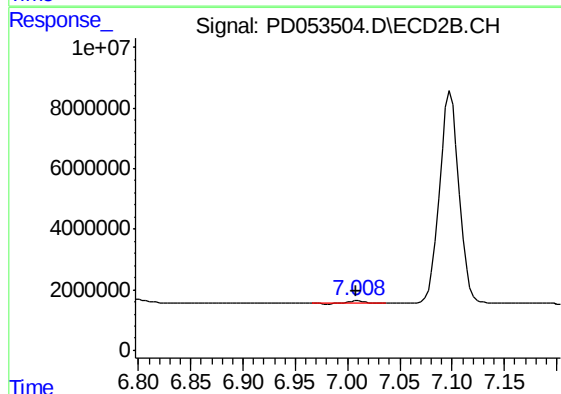
R.T.: 7.098 min
Delta R.T.: 0.001 min
Response: 91463566
Conc: 103.75 ng/ml



#18 Endrin aldehyde

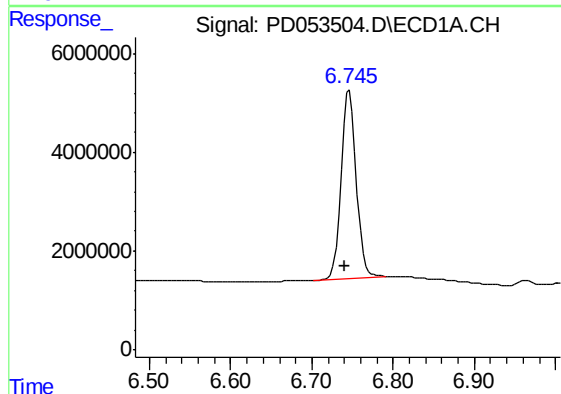
R.T.: 6.196 min
Delta R.T.: -0.066 min
Response: 50709428
Conc: 88.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM31



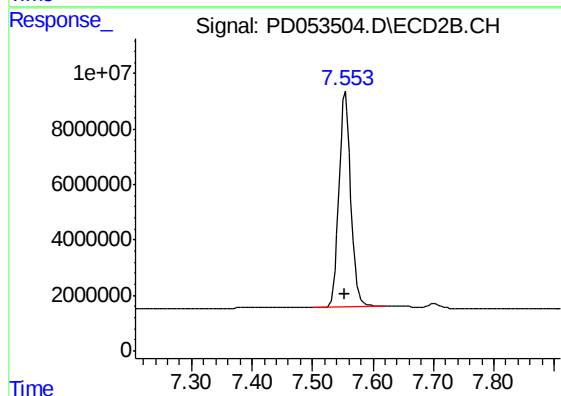
#18 Endrin aldehyde

R.T.: 7.010 min
Delta R.T.: 0.001 min
Response: 959104
Conc: 1.07 ng/ml



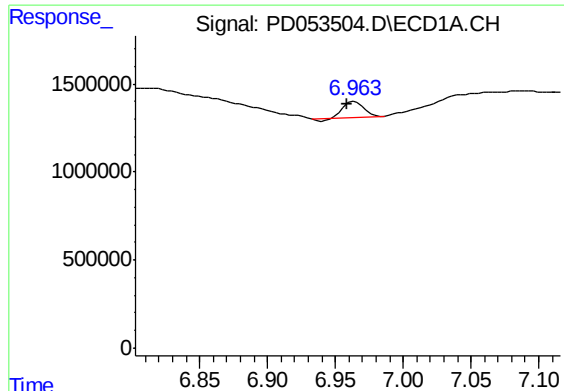
#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: 0.005 min
Response: 49782865
Conc: 218.85 ng/ml



#20 Methoxychlor

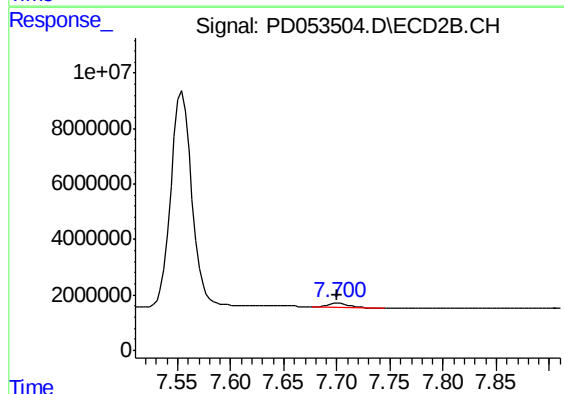
R.T.: 7.554 min
Delta R.T.: 0.001 min
Response: 105799580
Conc: 246.23 ng/ml



#21 Endrin ketone

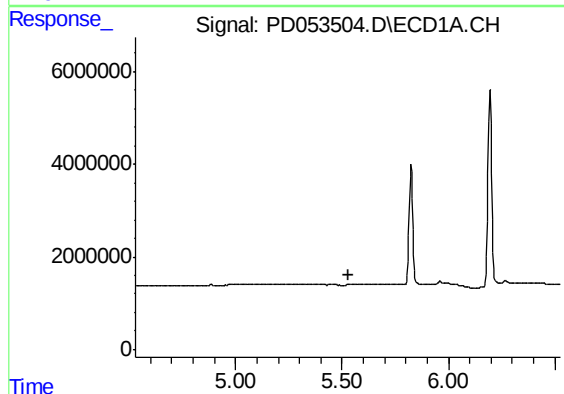
R.T.: 6.964 min
Delta R.T.: 0.006 min
Response: 840249
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM31



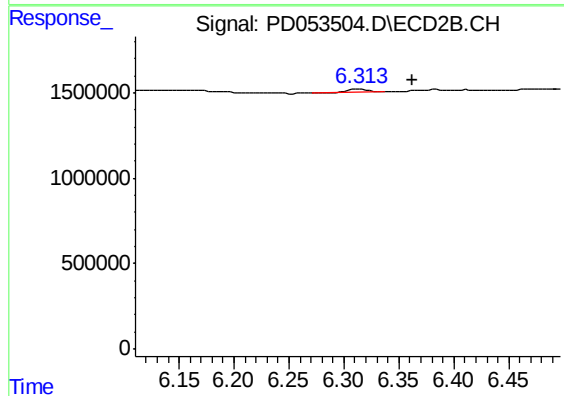
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: 0.001 min
Response: 1949022
Conc: 1.83 ng/ml



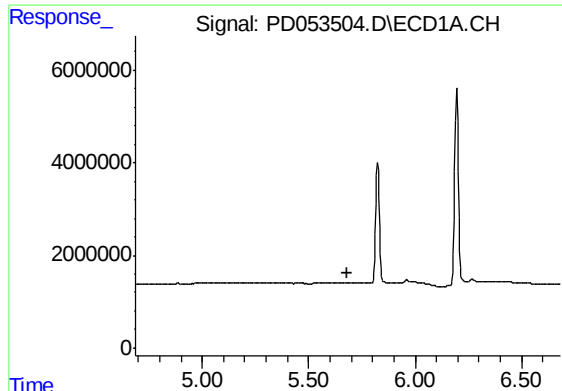
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.528 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

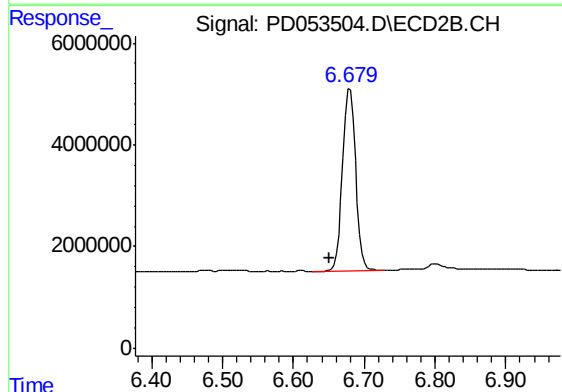
R.T.: 6.314 min
Delta R.T.: -0.048 min
Response: 246728
Conc: 42.98 ng/ml



#23 Toxaphene-2

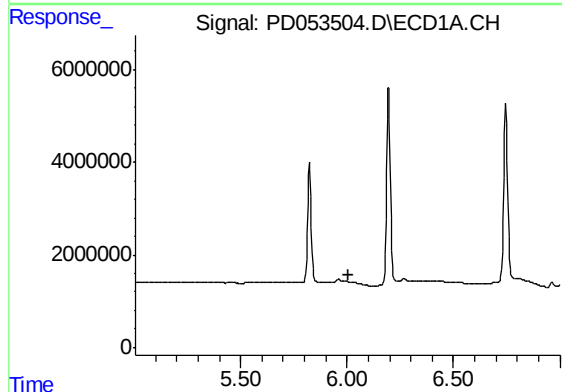
R.T.: 0.000 min
Exp R.T.: 5.684 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM31



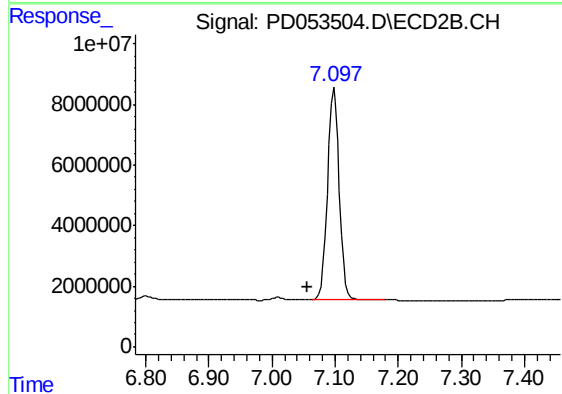
#23 Toxaphene-2

R.T.: 6.680 min
Delta R.T.: 0.029 min
Response: 45502436
Conc: 6376.82 ng/ml



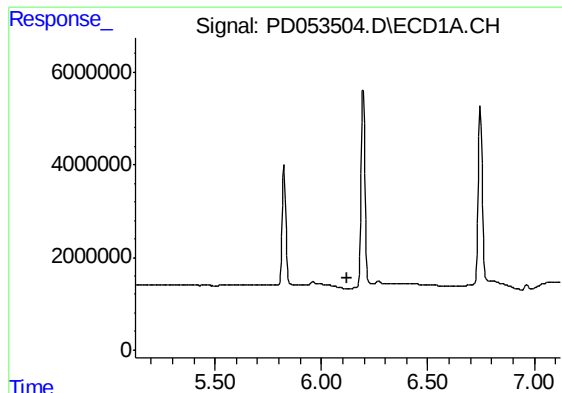
#24 Toxaphene-3

R.T.: 0.000 min
Exp R.T.: 6.004 min
Response: 0
Conc: N.D.



#24 Toxaphene-3

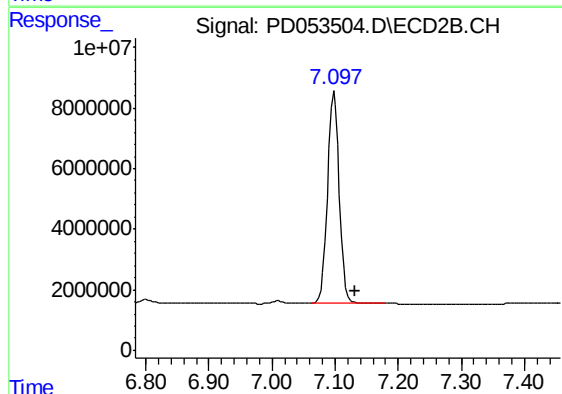
R.T.: 7.098 min
Delta R.T.: 0.042 min
Response: 91463566
Conc: 9001.94 ng/ml



#25 Toxaphene-4

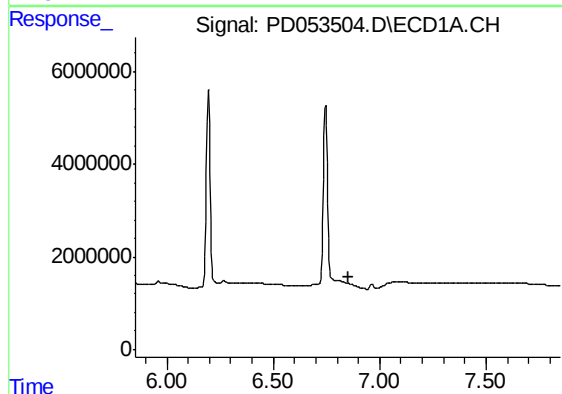
R.T.: 0.000 min
Exp R.T. : 6.124 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM31



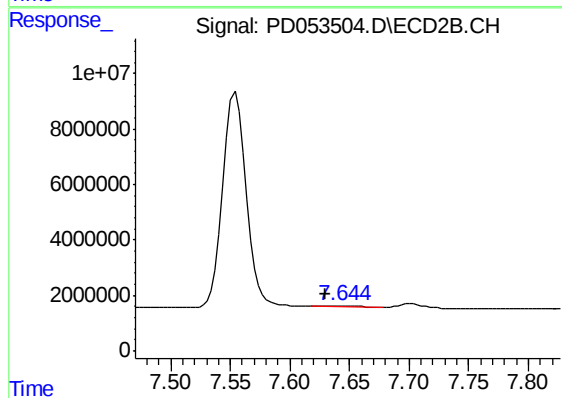
#25 Toxaphene-4

R.T.: 7.098 min
Delta R.T.: -0.034 min
Response: 91463566
Conc: 3208.17 ng/ml



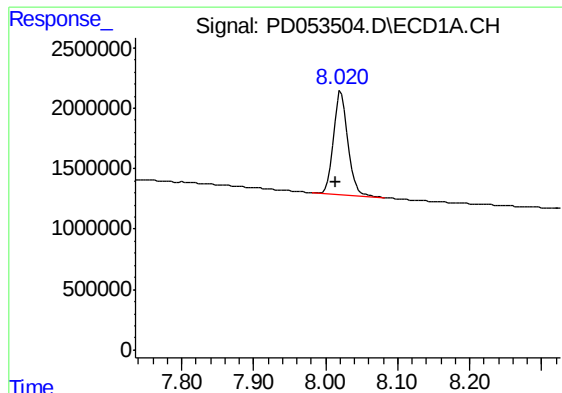
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 6.851 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

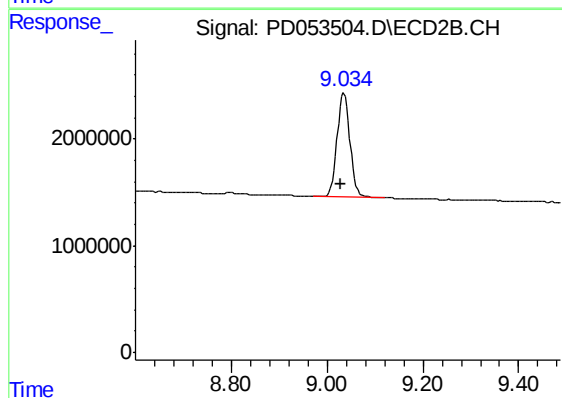
R.T.: 7.642 min
Delta R.T.: 0.012 min
Response: 760601
Conc: 60.30 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.021 min
Delta R.T.: 0.007 min
Response: 11925131
Conc: 18.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM31



#27 Decachlorobiphenyl

R.T.: 9.035 min
Delta R.T.: 0.006 min
Response: 18300758
Conc: 17.72 ng/ml