

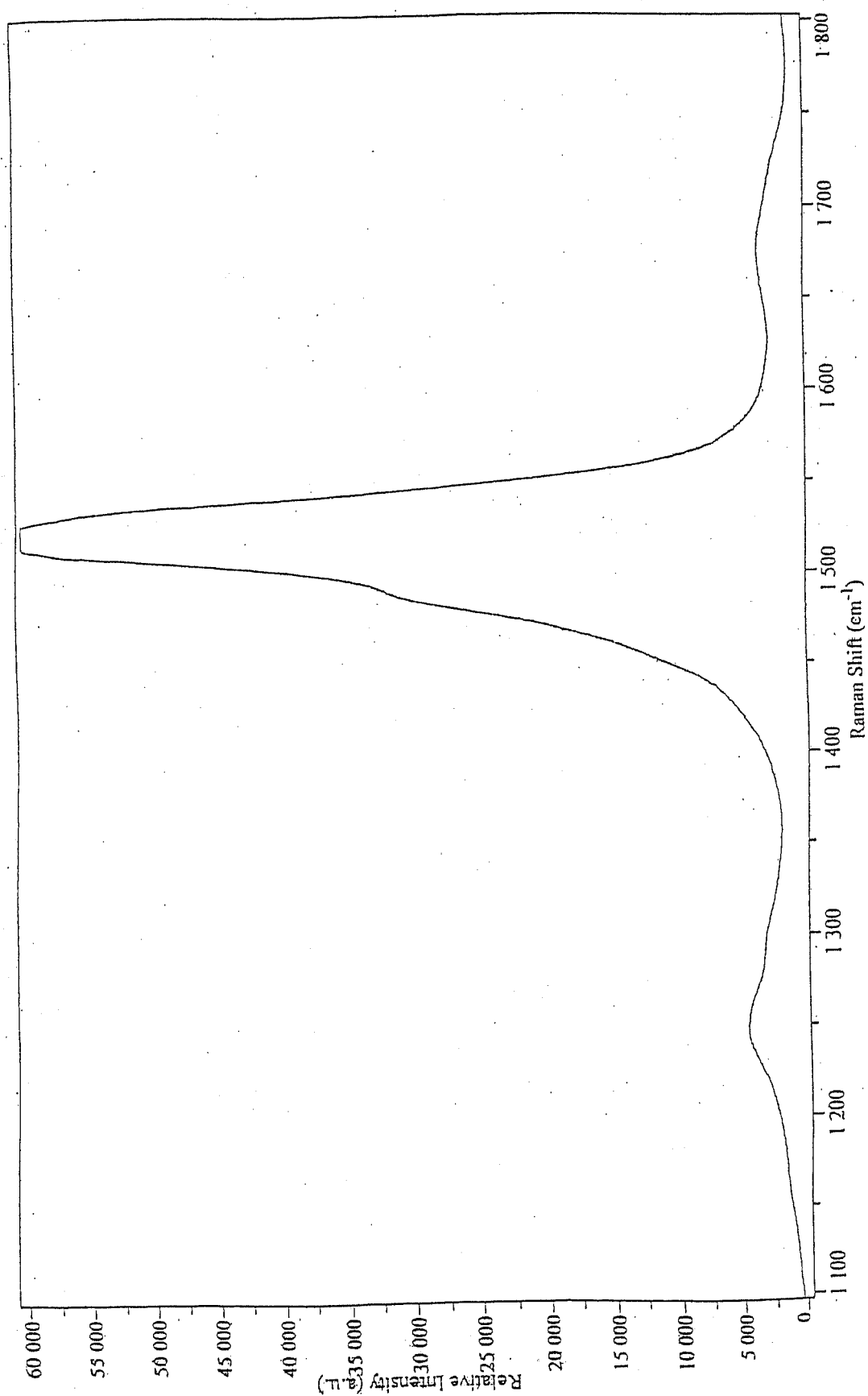


Fig. 1

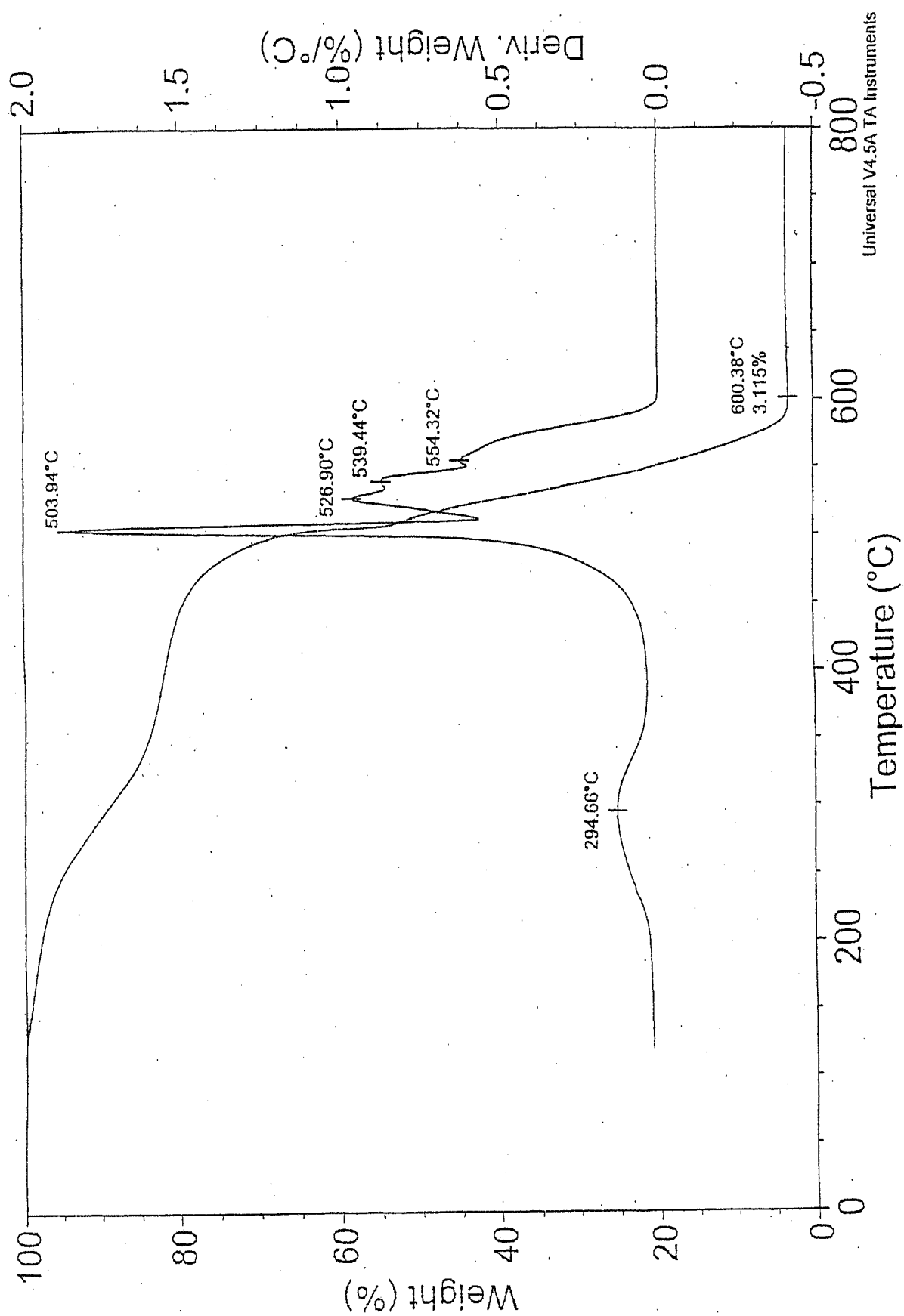


Fig. 2

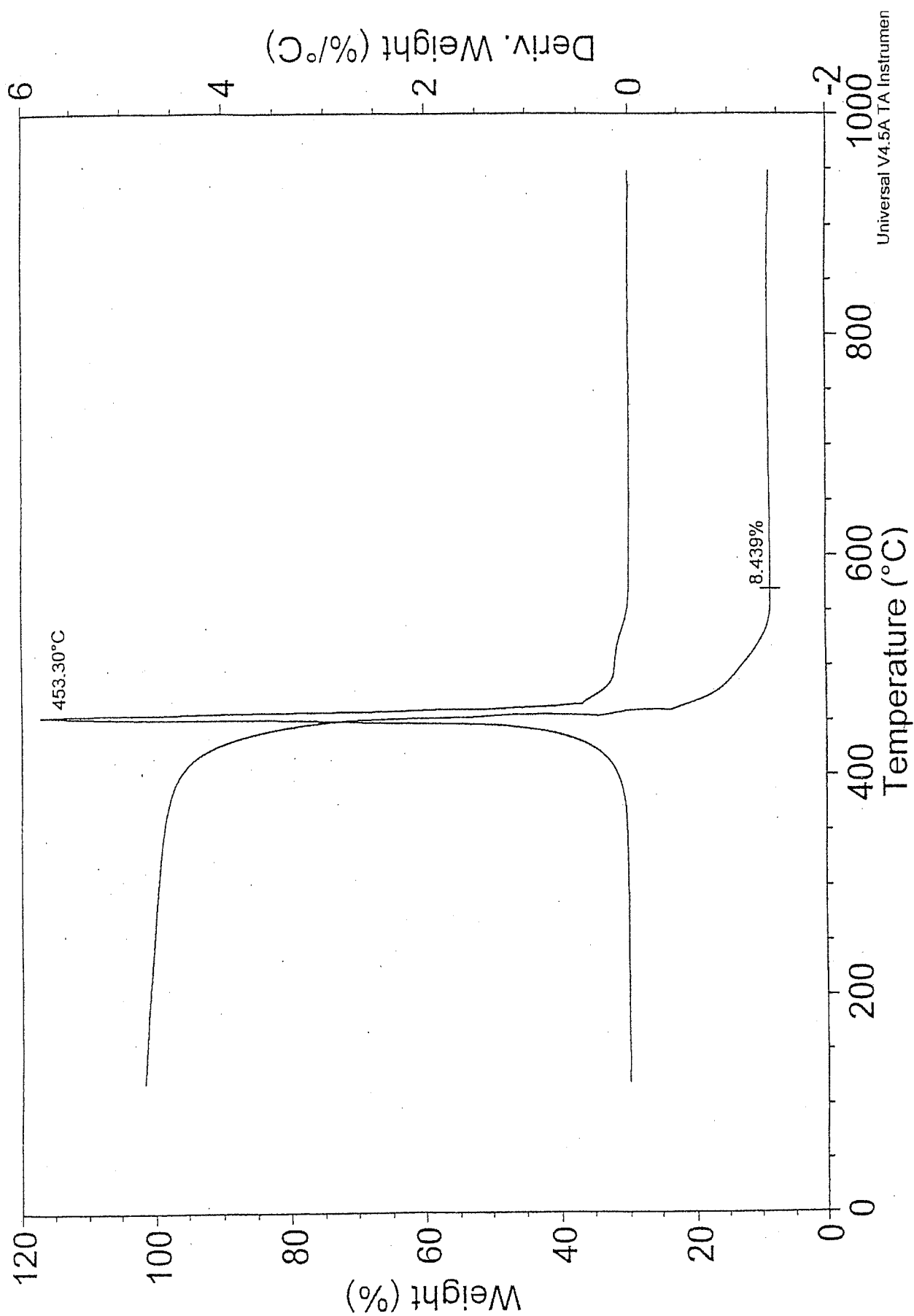


Fig. 3

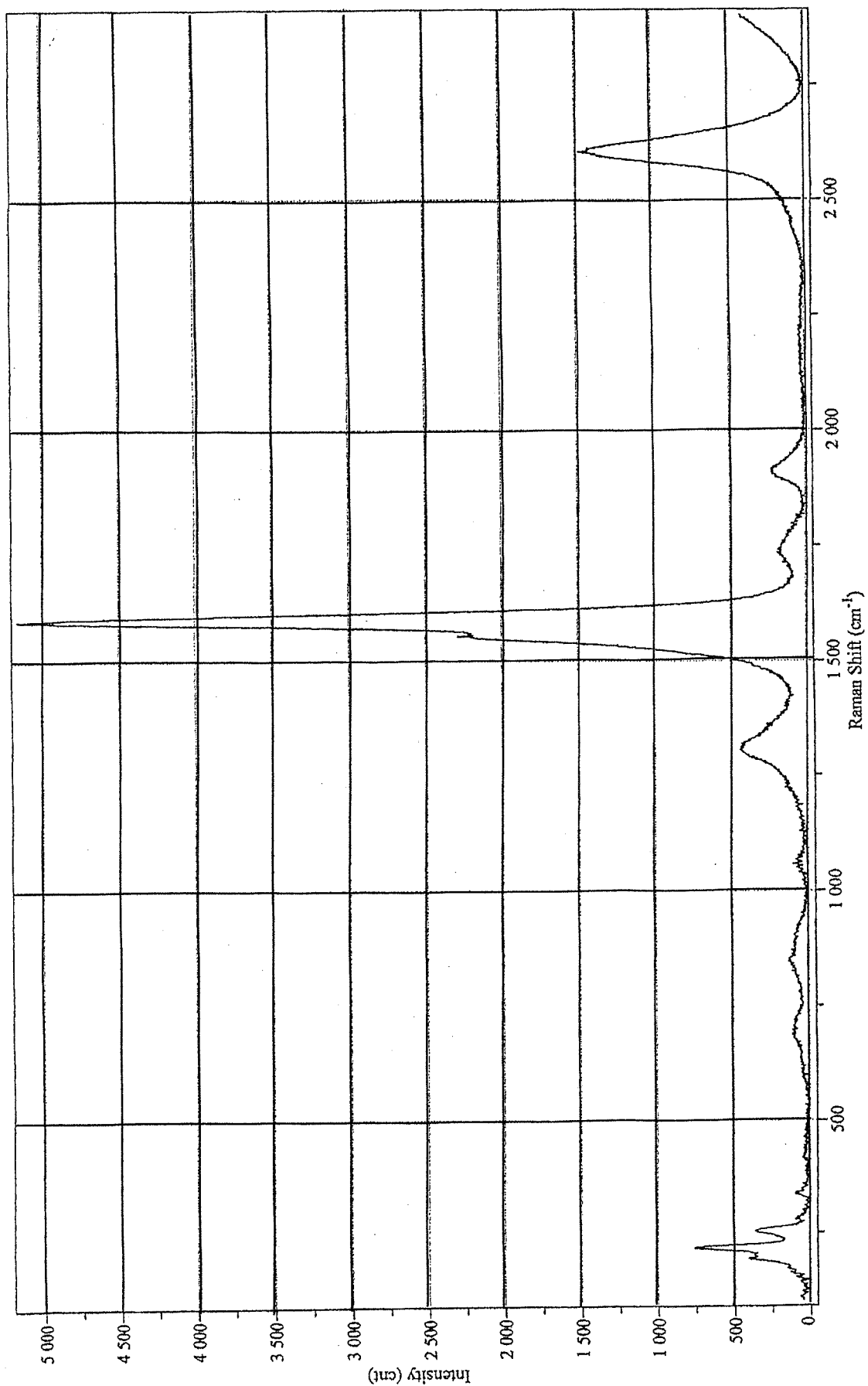


Fig. 4

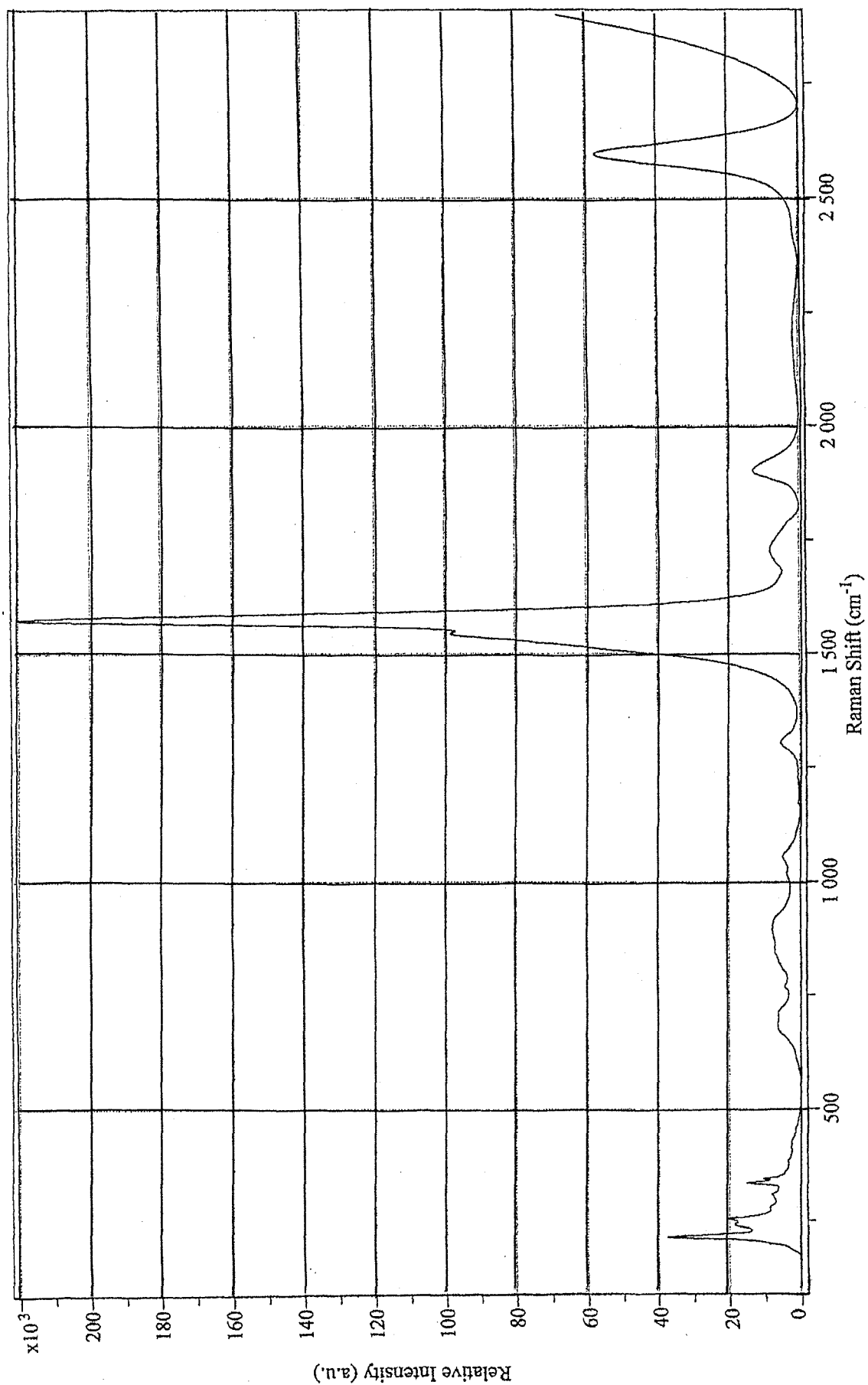


Fig. 5

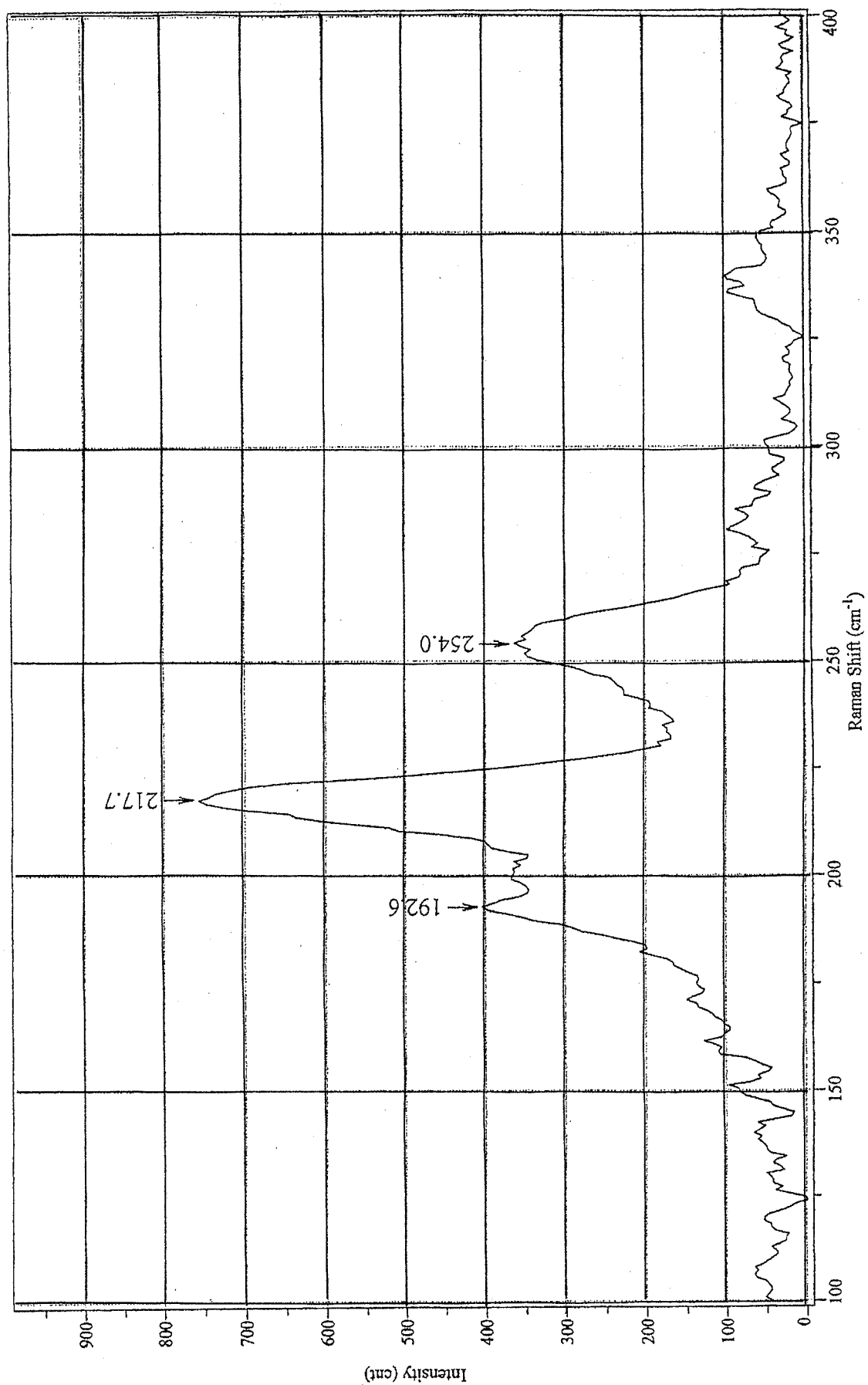


Fig. 6

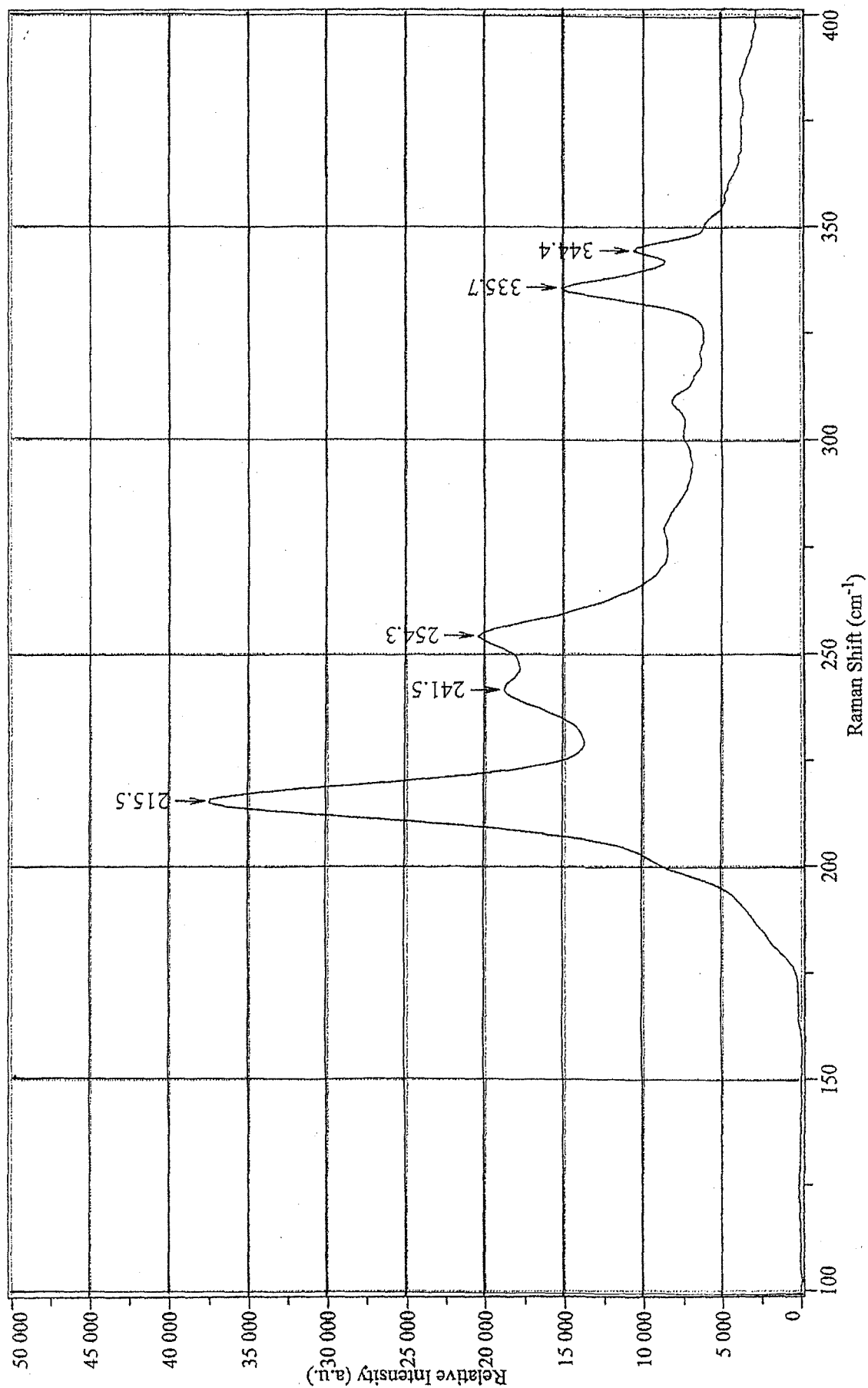


Fig. 7

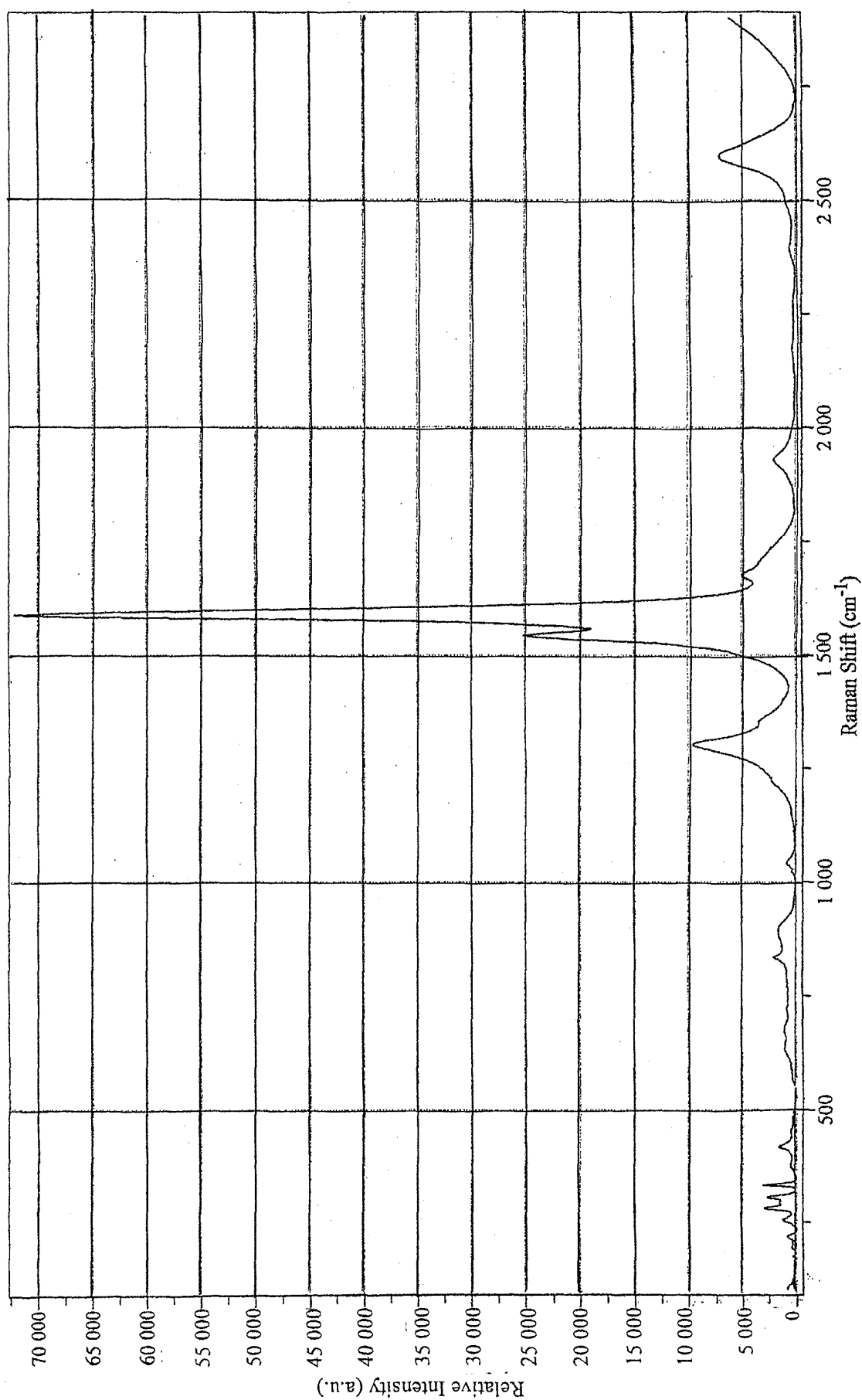


Fig. 8

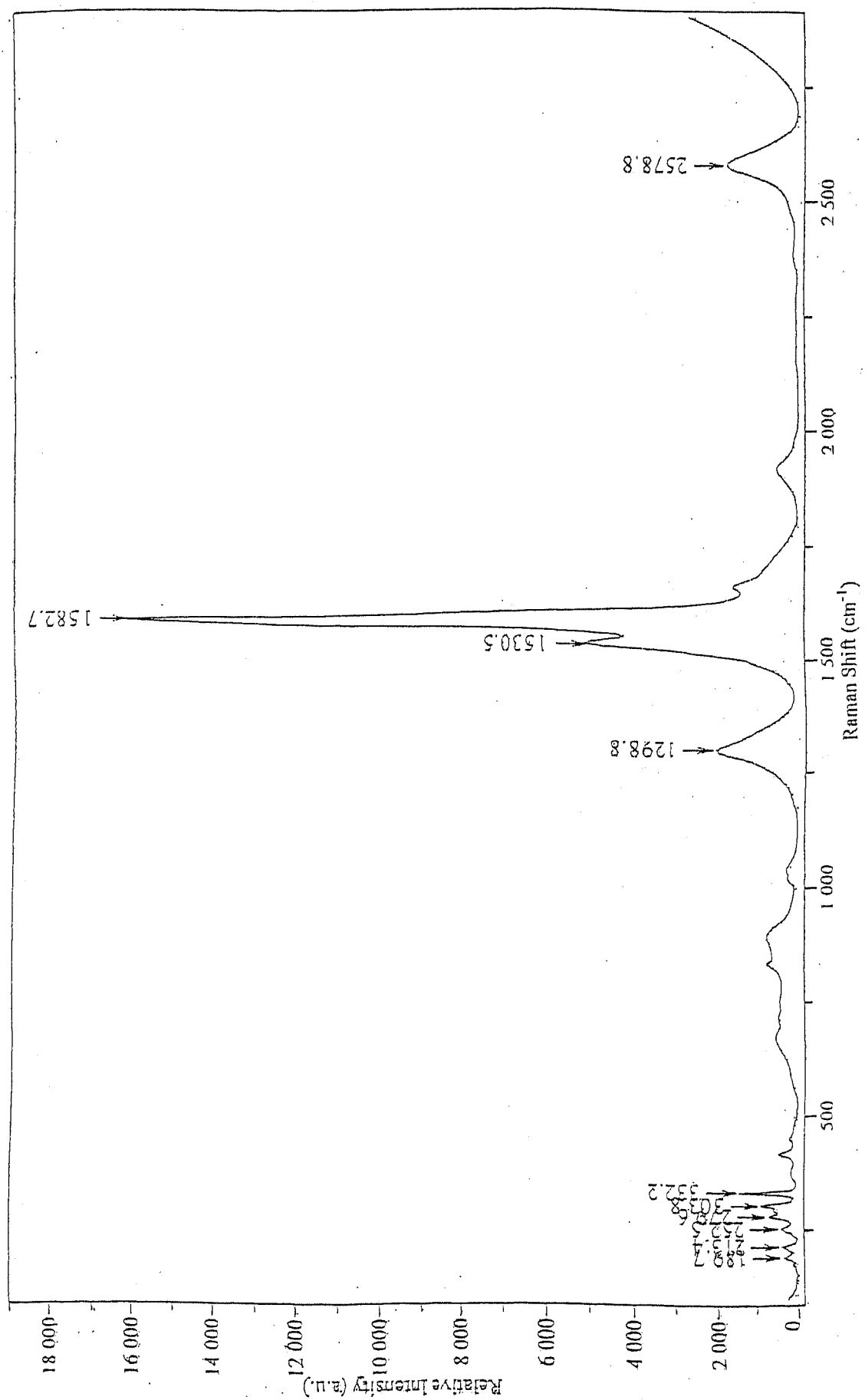


Fig. 9

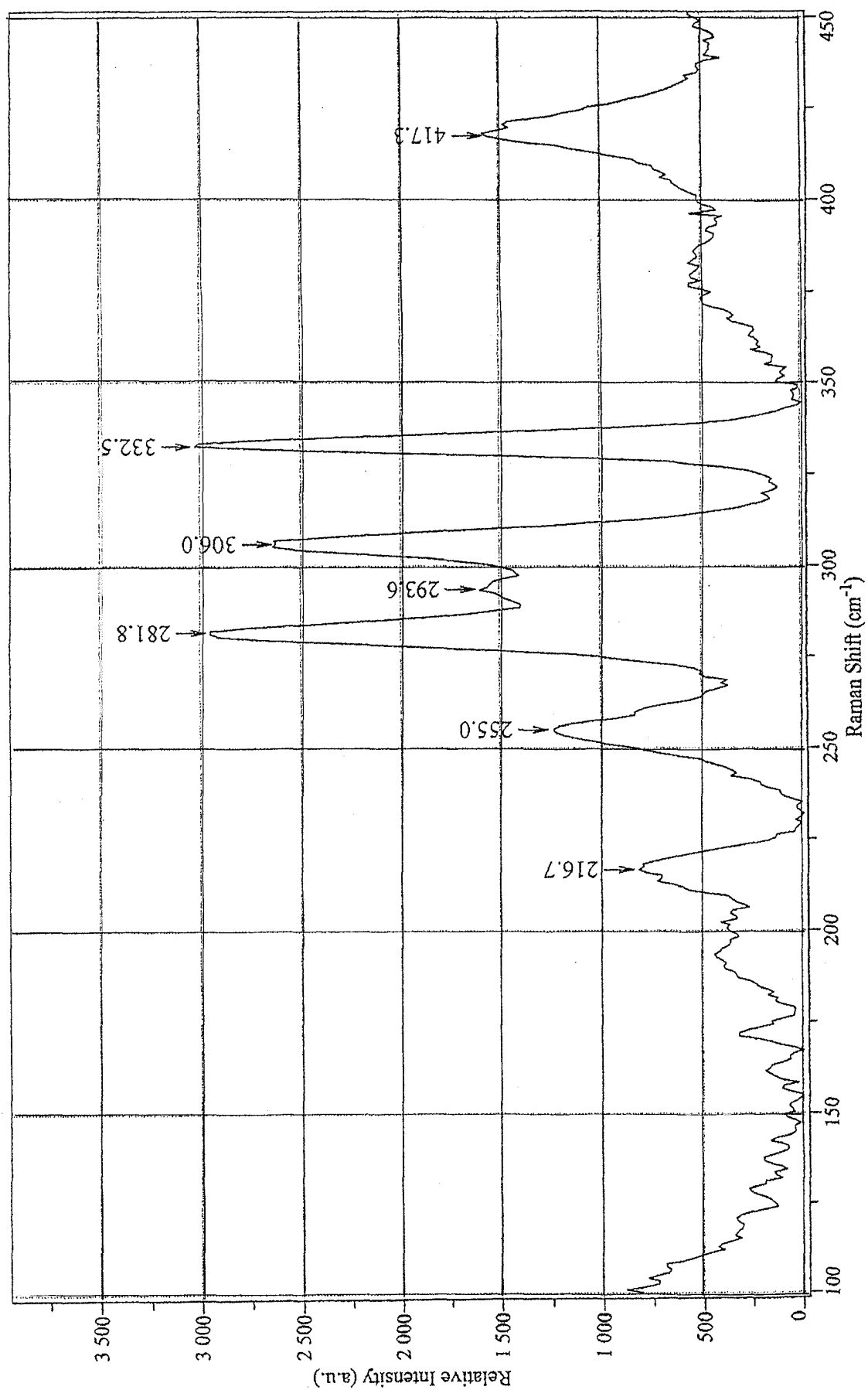


Fig. 10

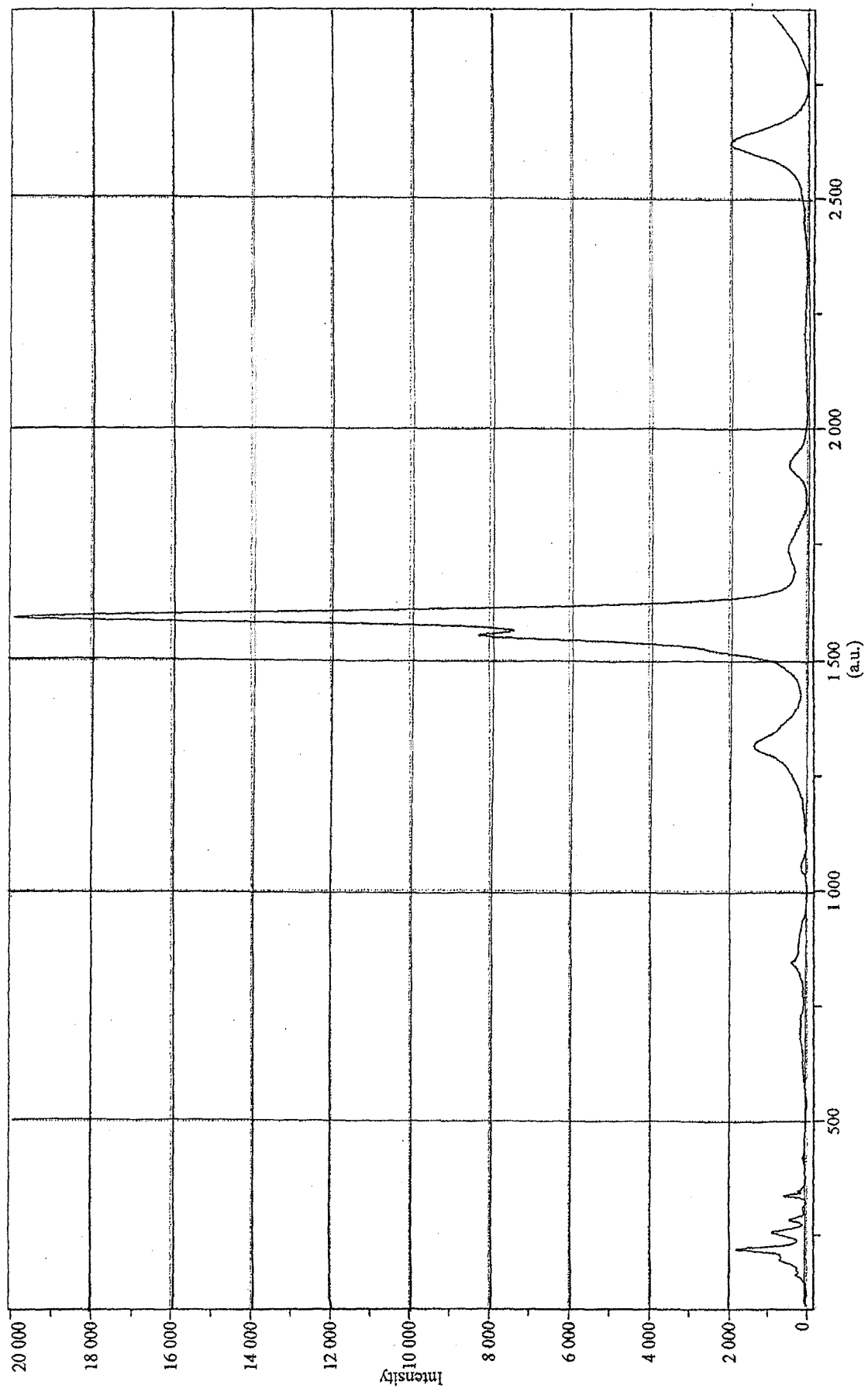


Fig. 11

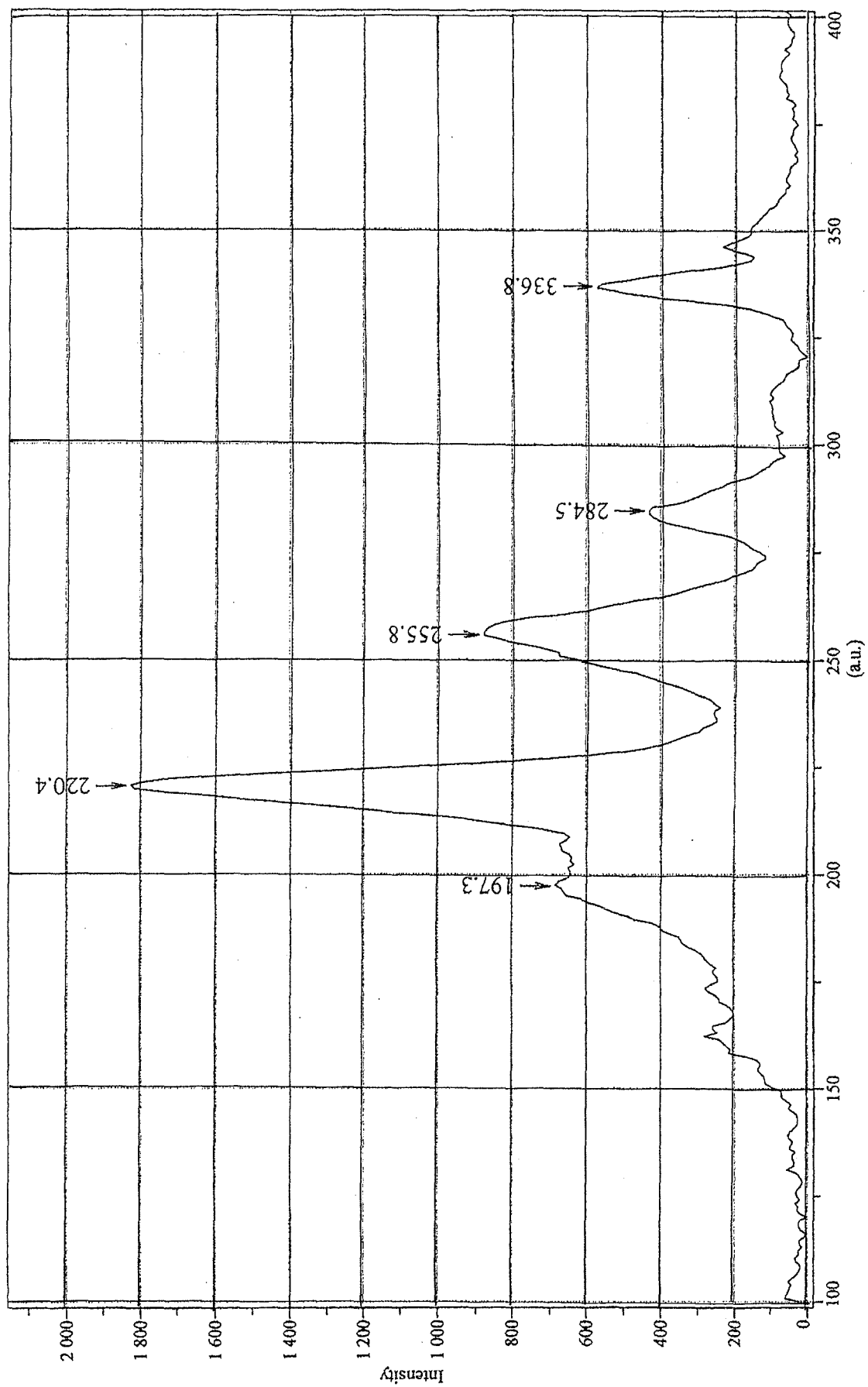


Fig. 12

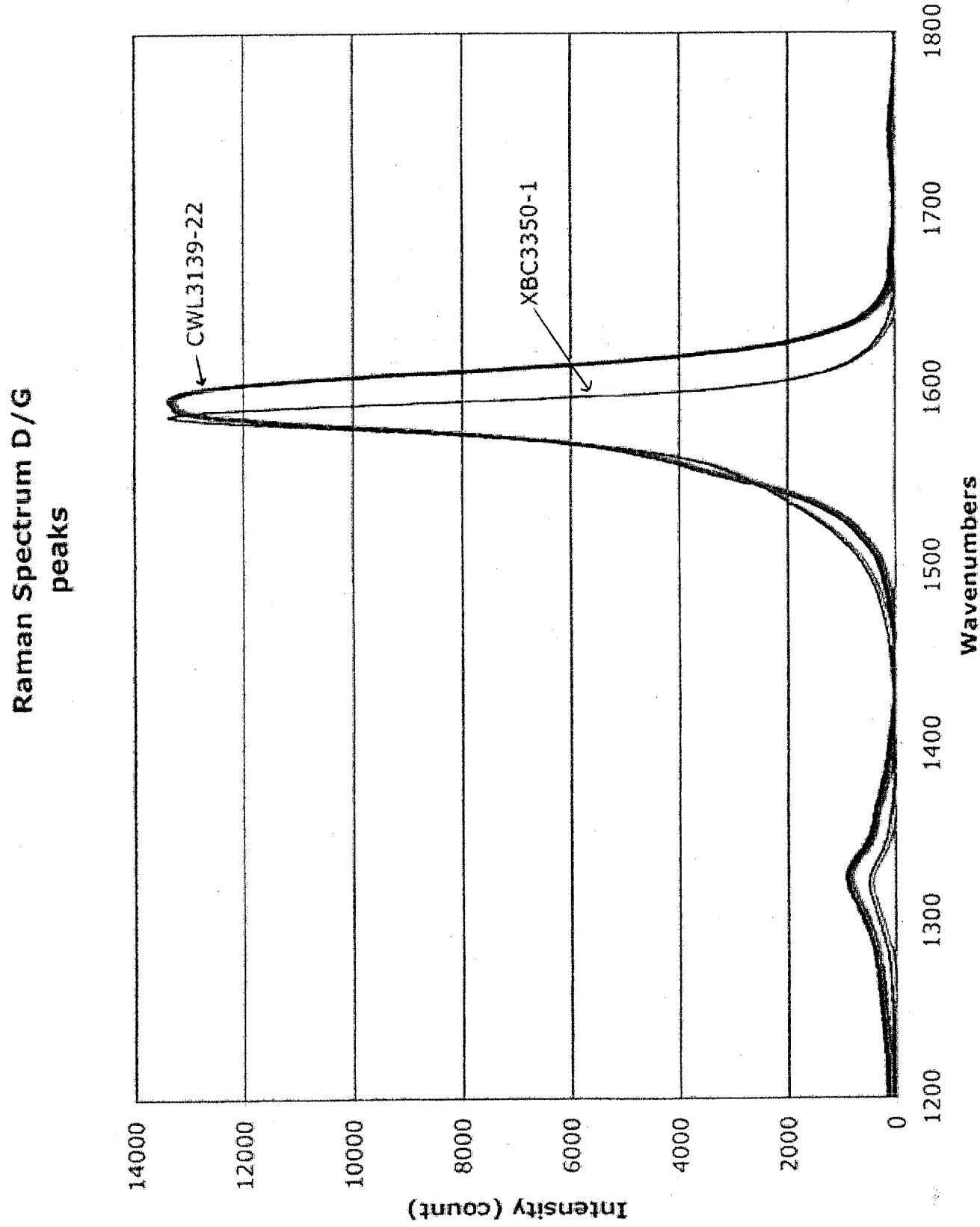


Fig. 13

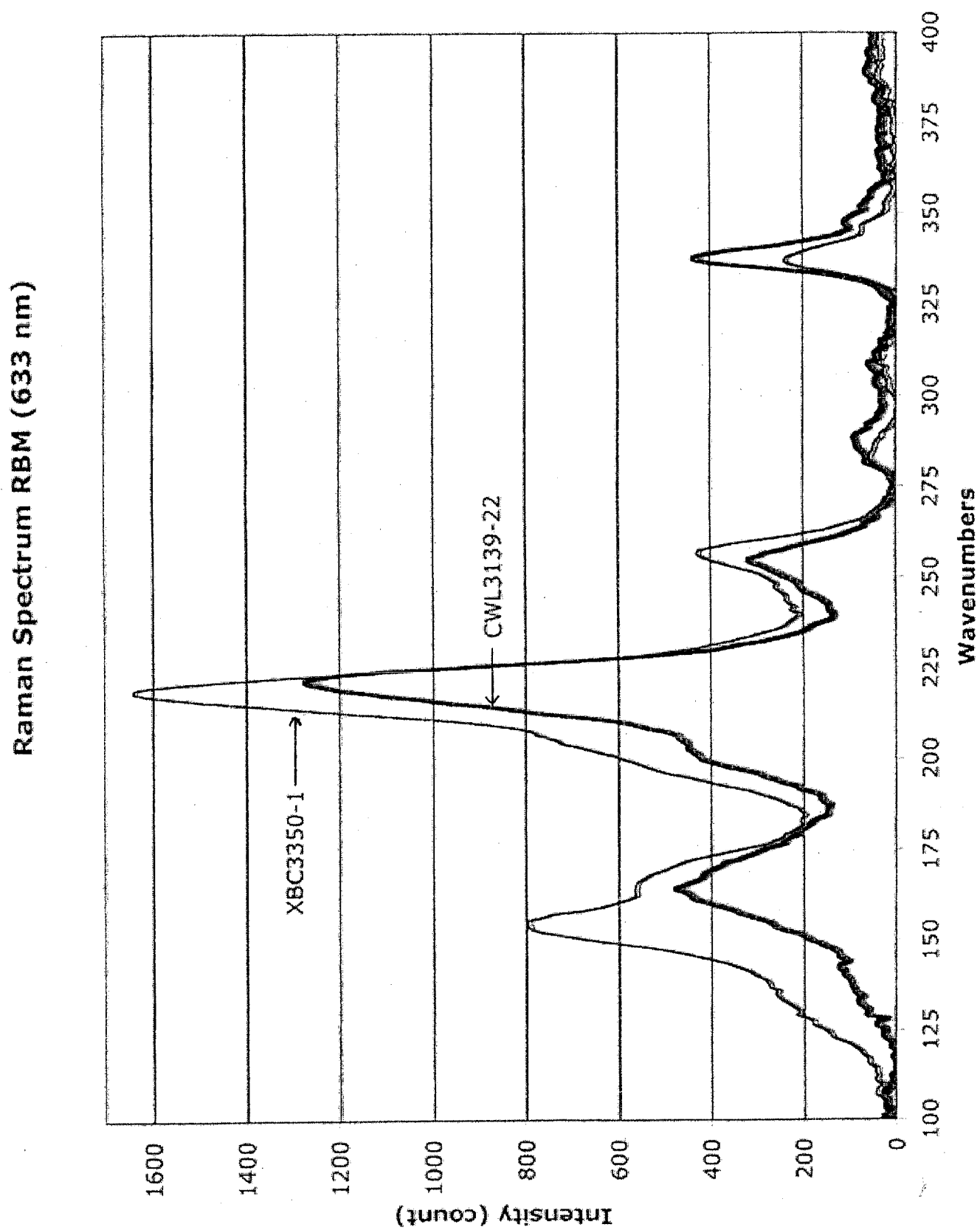


Fig. 14

Raman Spectrum D/G  
peaks

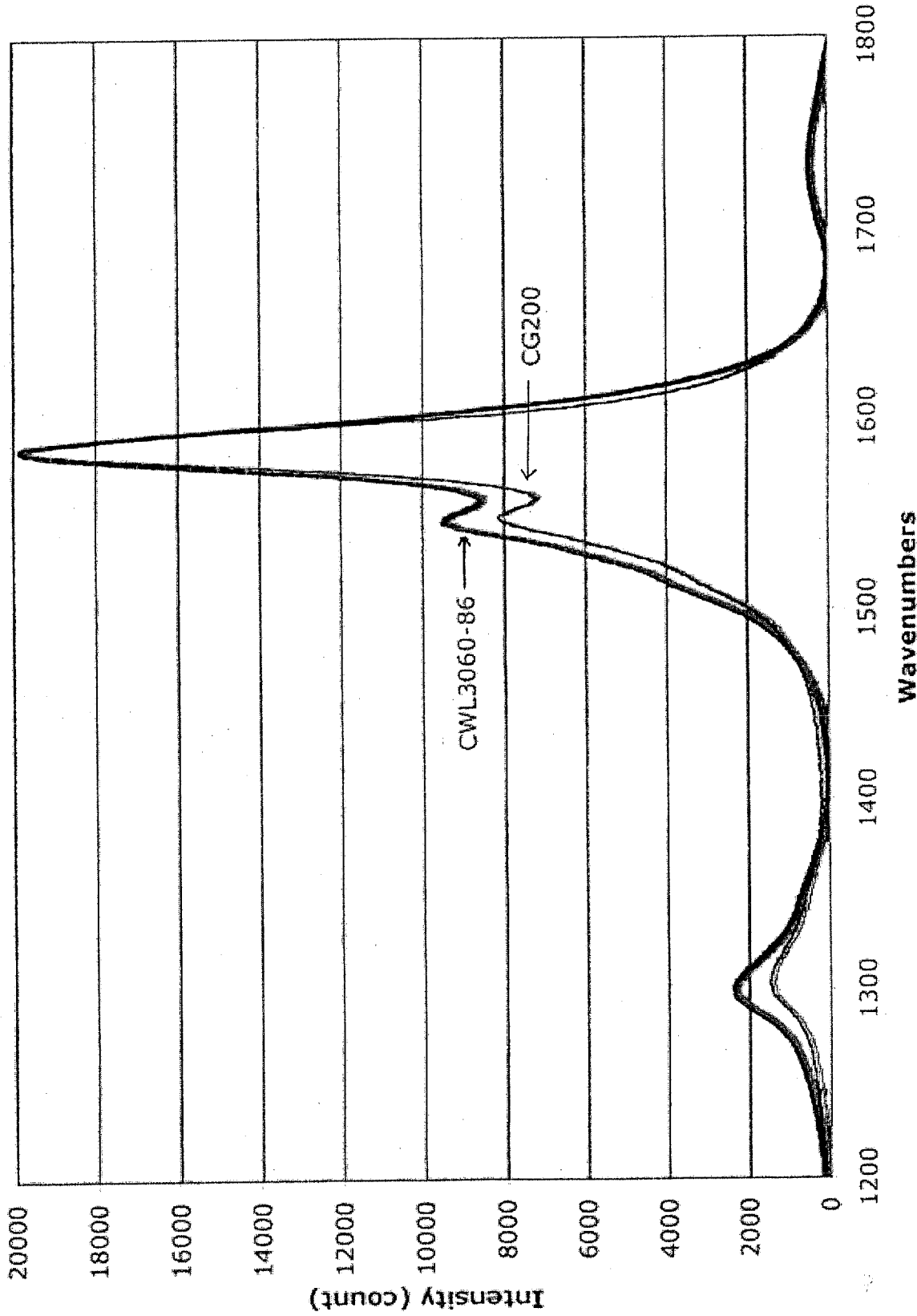


Fig. 15

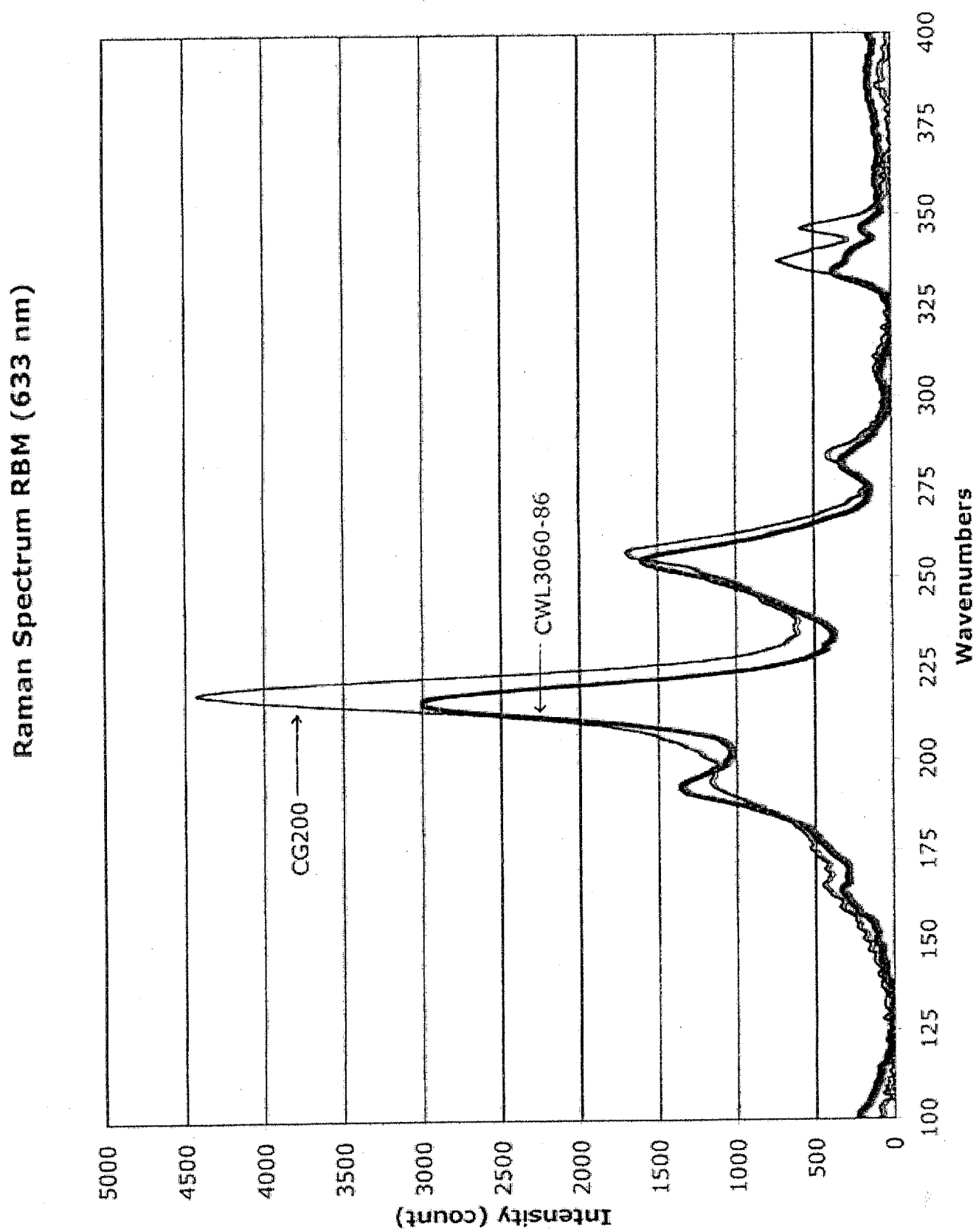


Fig. 16

Sample: D2) pyrene opd  
 Sample ID: e\_20120504\_11  
 File: e\_20120504\_11\data\d2o\_01.fid

Pulse Sequence: zgpg30  
 Solvent: d2o  
 Temp: 25.00 °C  
 Operator: waltup  
 File: d2o\_01  
 INOVA-400 Varian MMH  
 Relax, delay 1.000 sec  
 Pulses 45.0 degrees  
 Acq. time 2.049 sec  
 Width 6398.0 Hz  
 8 repetitions  
 OBSERVE H1, 399.55550 MHz  
 DATA PROCESSING  
 Resol. enhancement -0.0 Hz  
 FT size 65536  
 Total time 0 min 31 sec

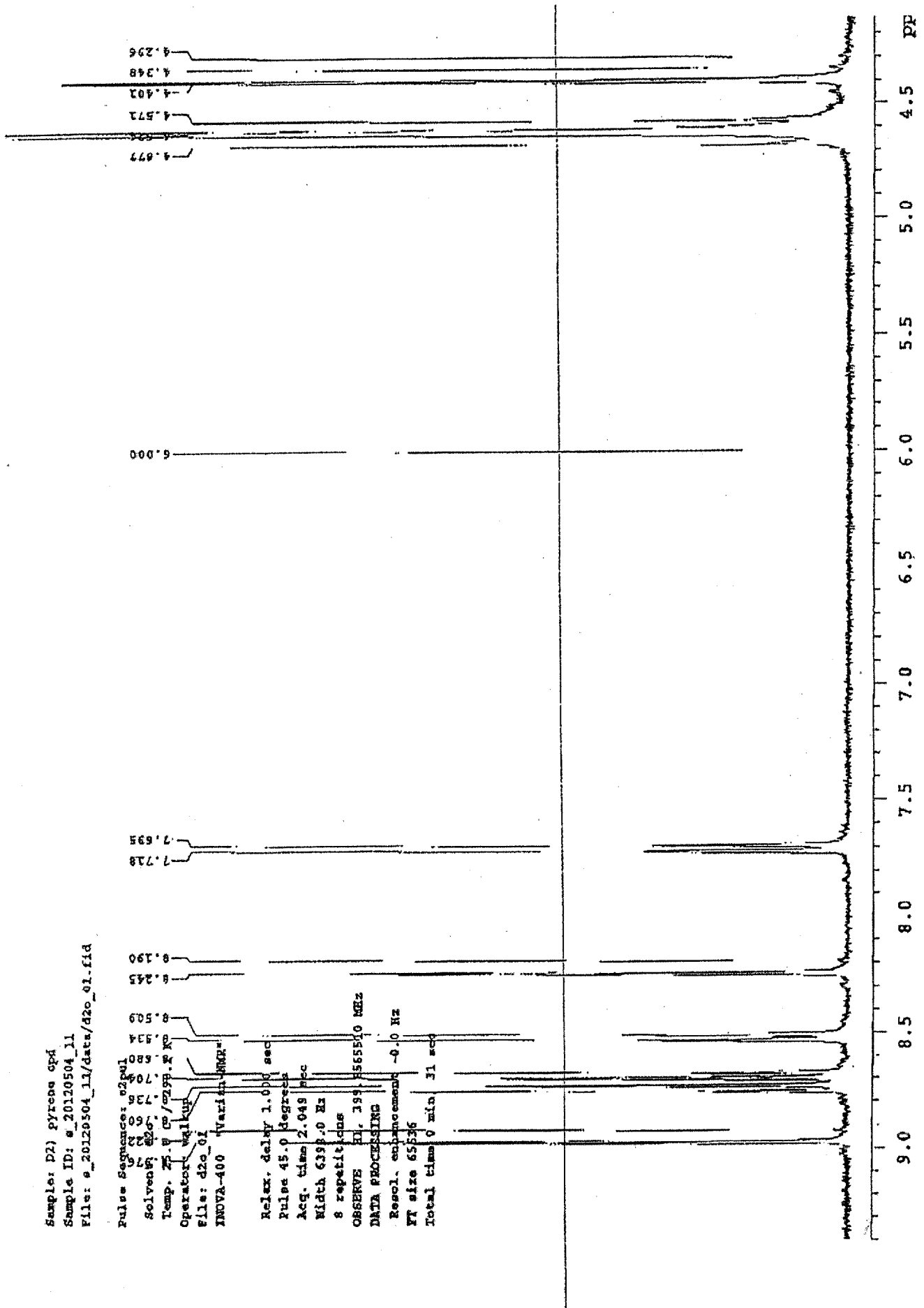


Fig. 17

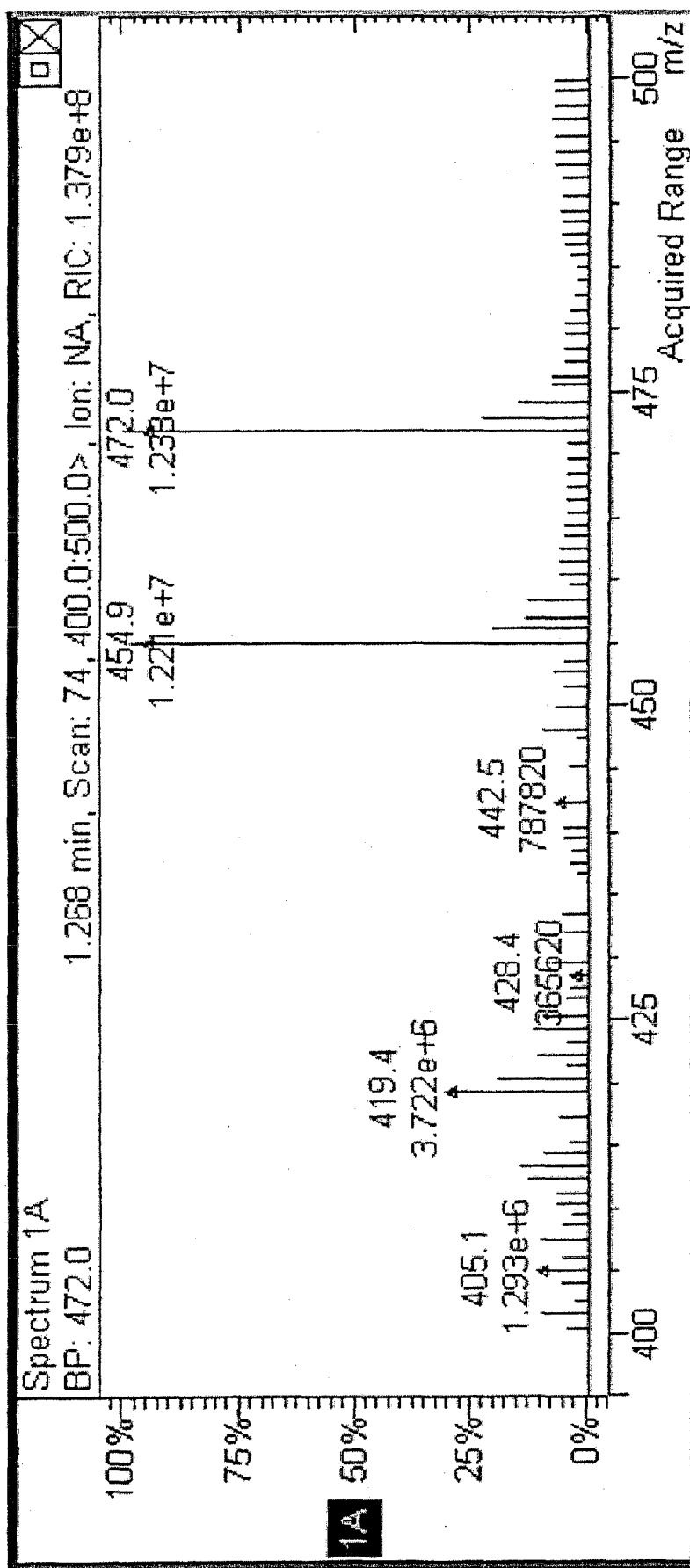


Fig. 18

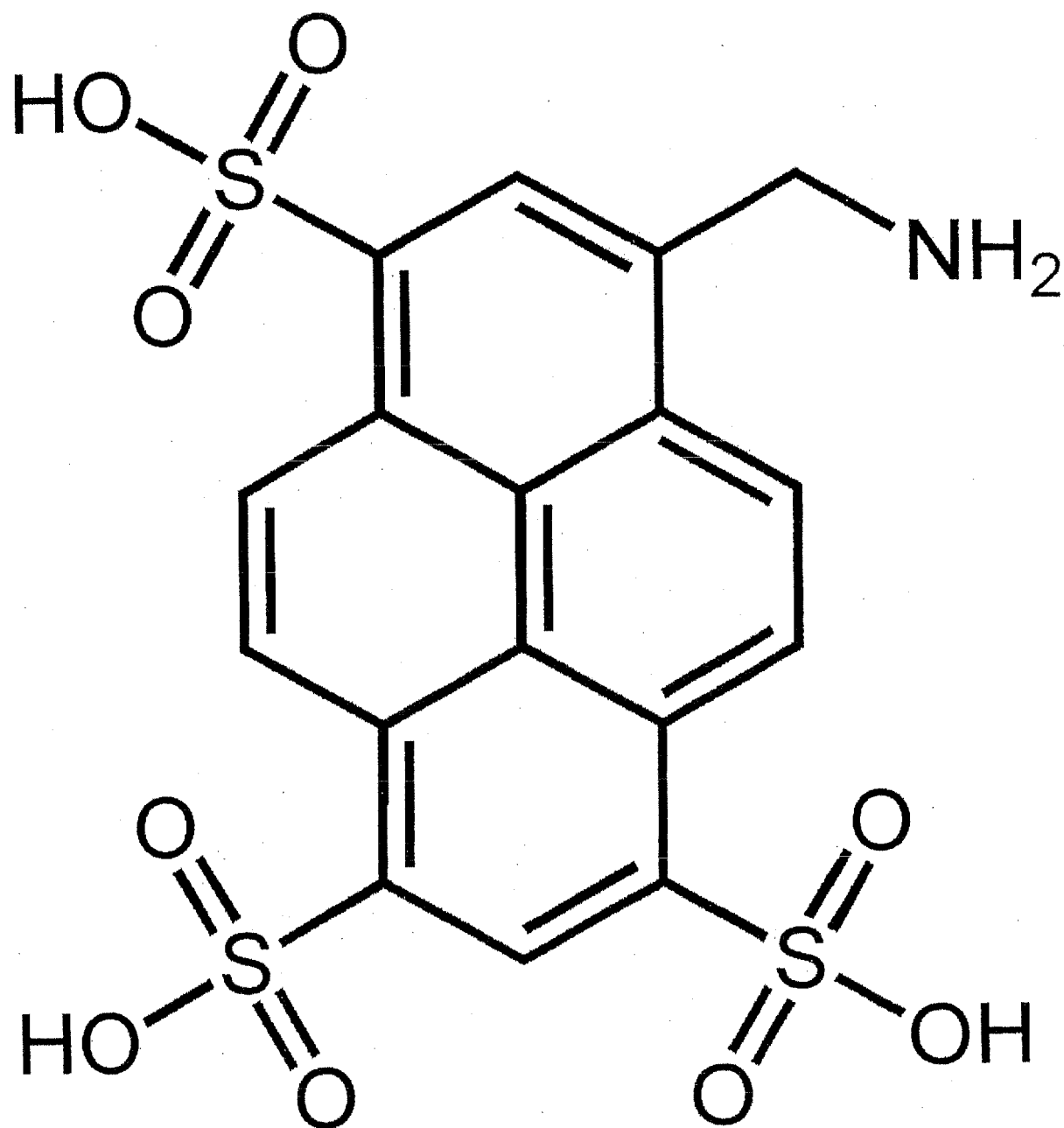


Fig. 19