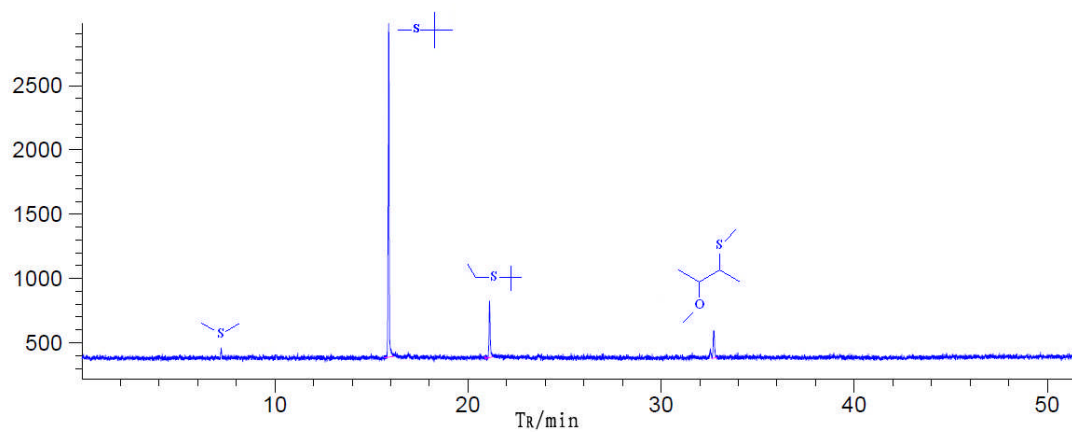
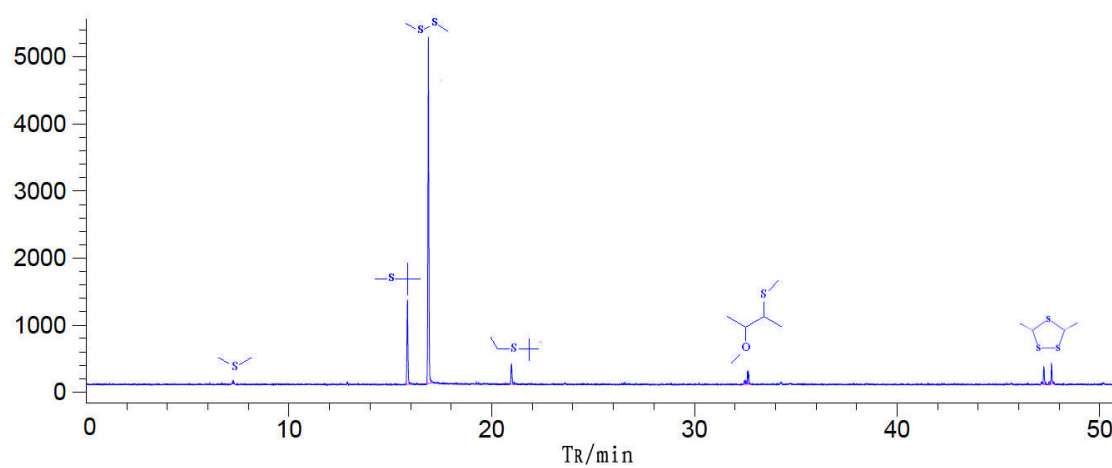


## Supporting information

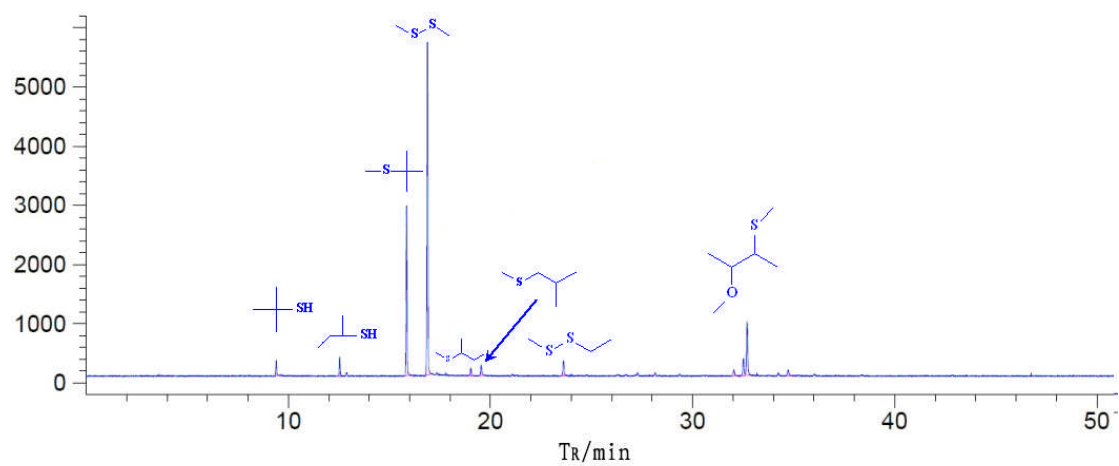
### 1. GC-SCD for other MTBE samples



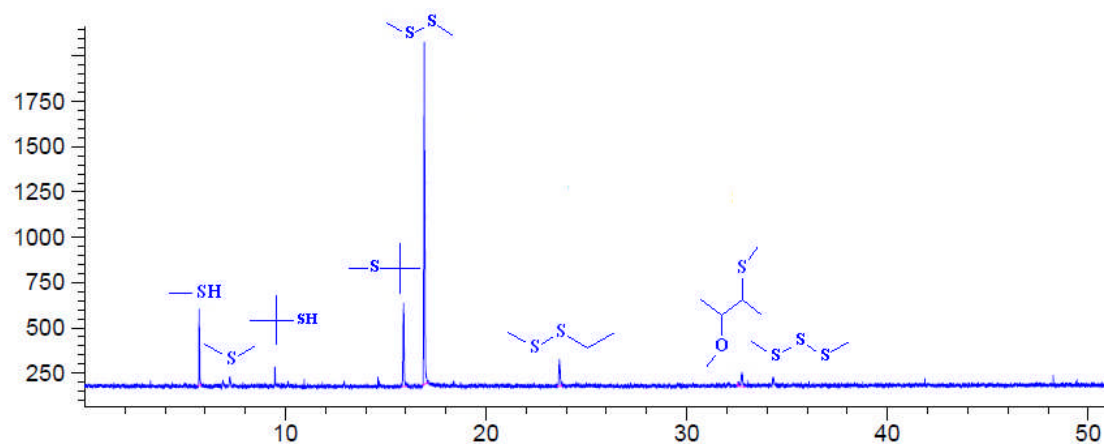
MTBE01



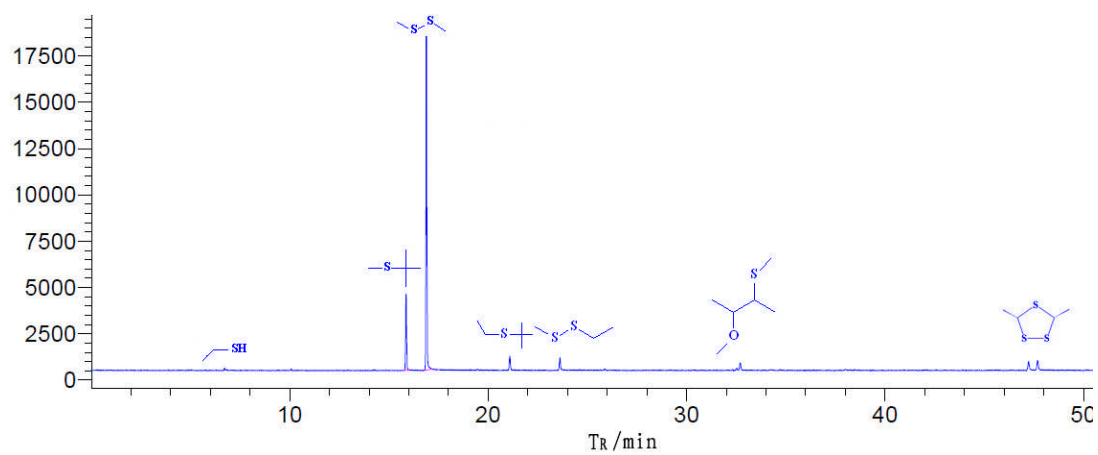
MTBE02



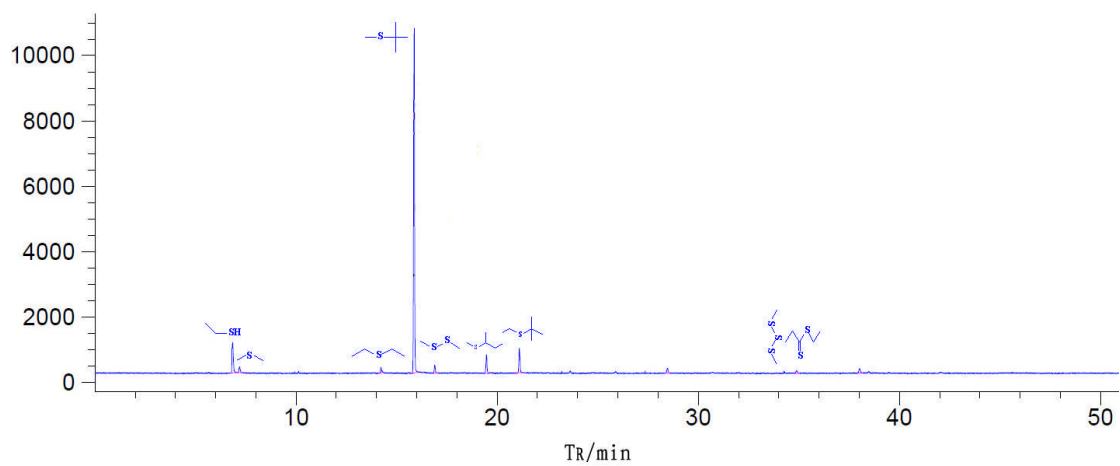
MTBE06



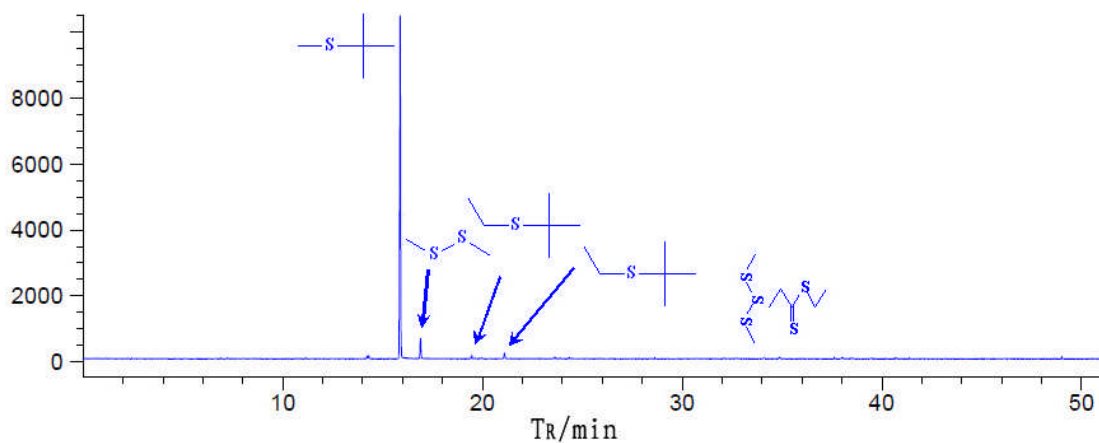
MTBE07



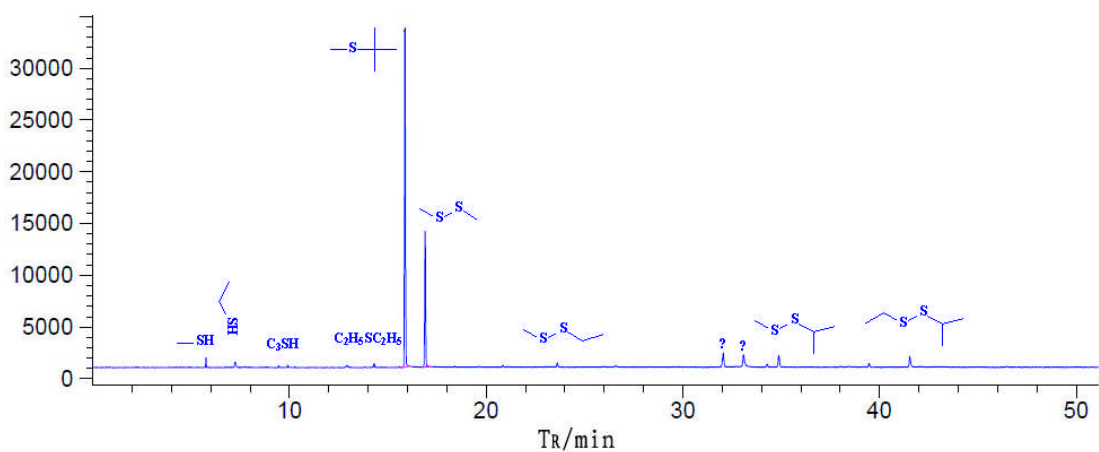
MTBE08



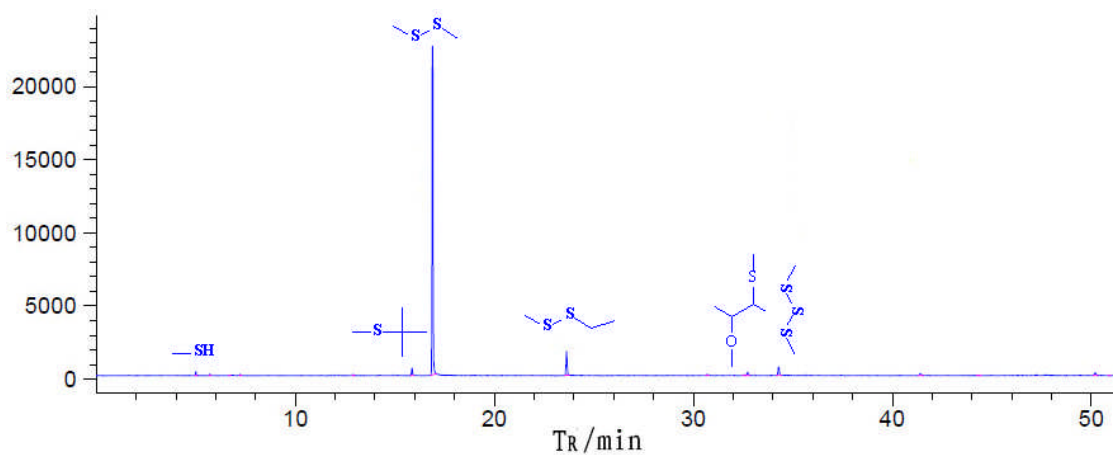
MTBE09



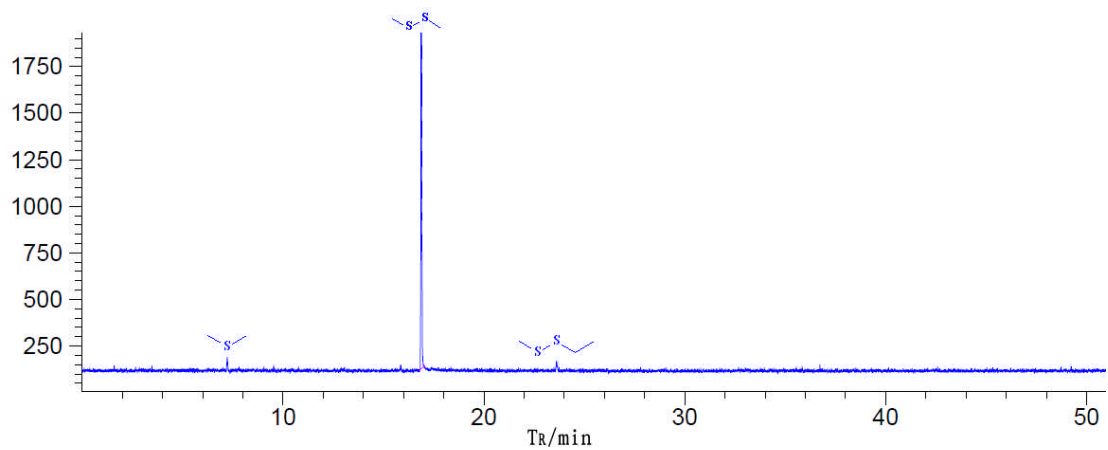
MTBE10



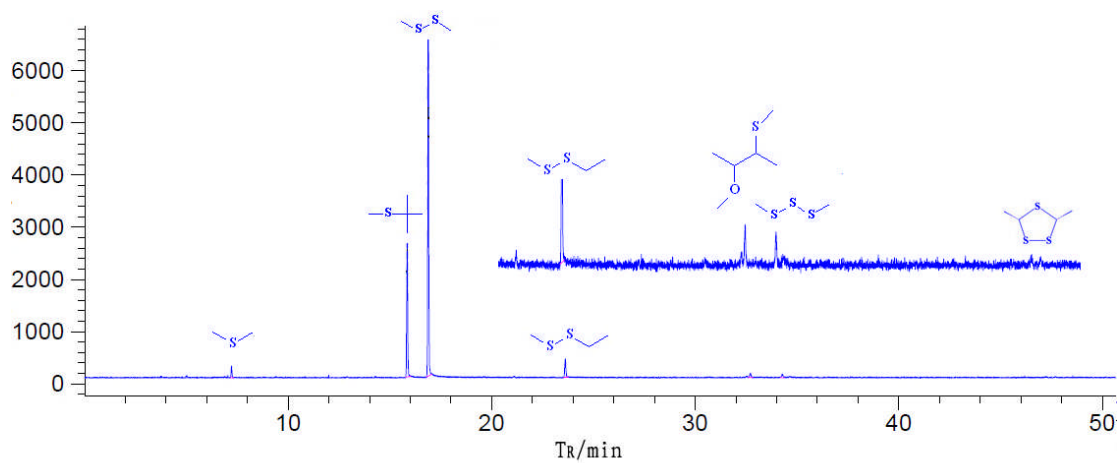
MTBE11



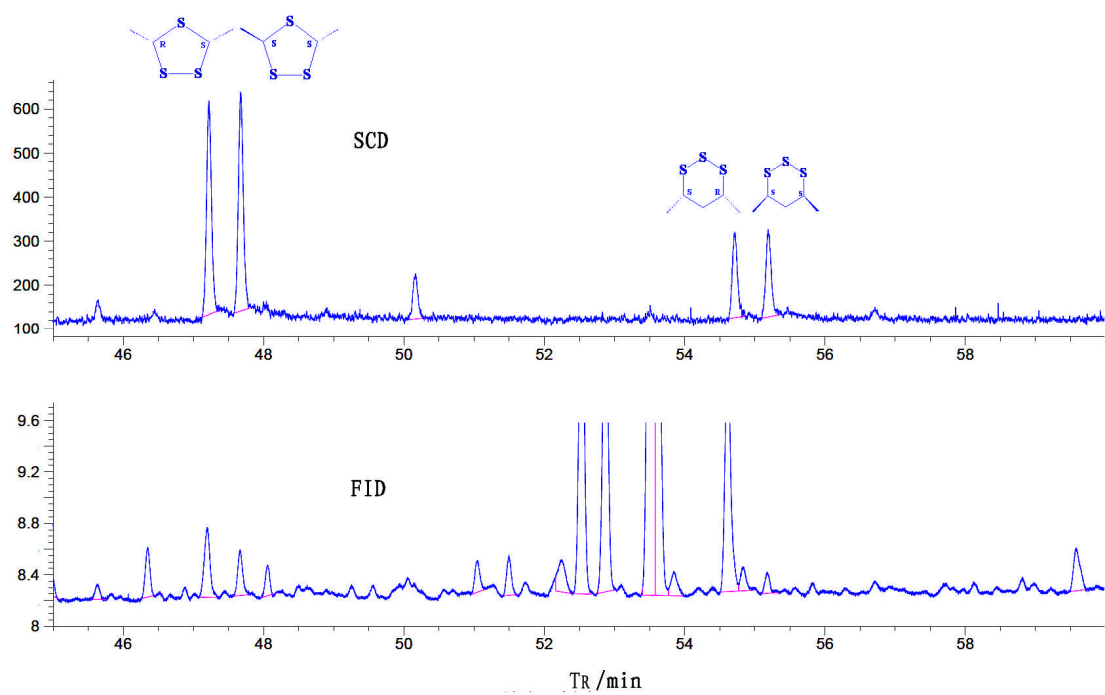
MTBE12



MTBE13

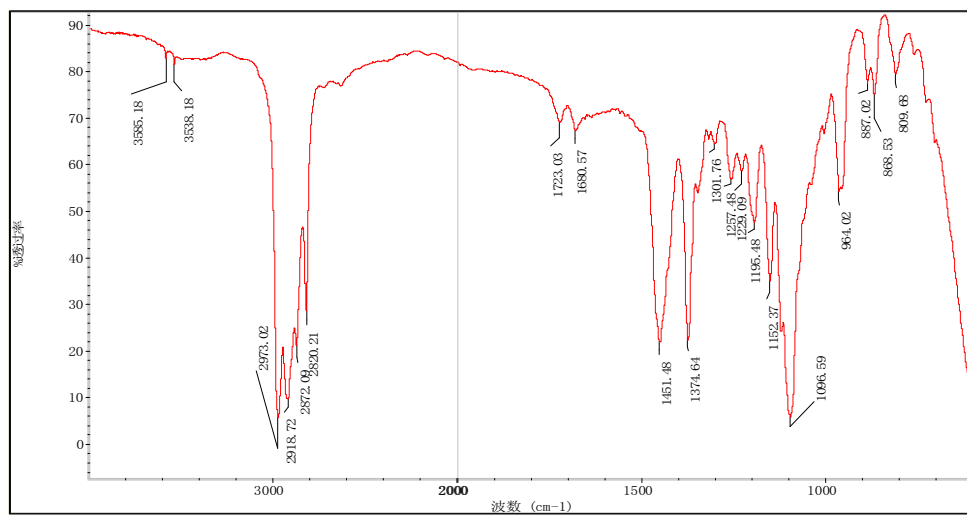


MTBE14

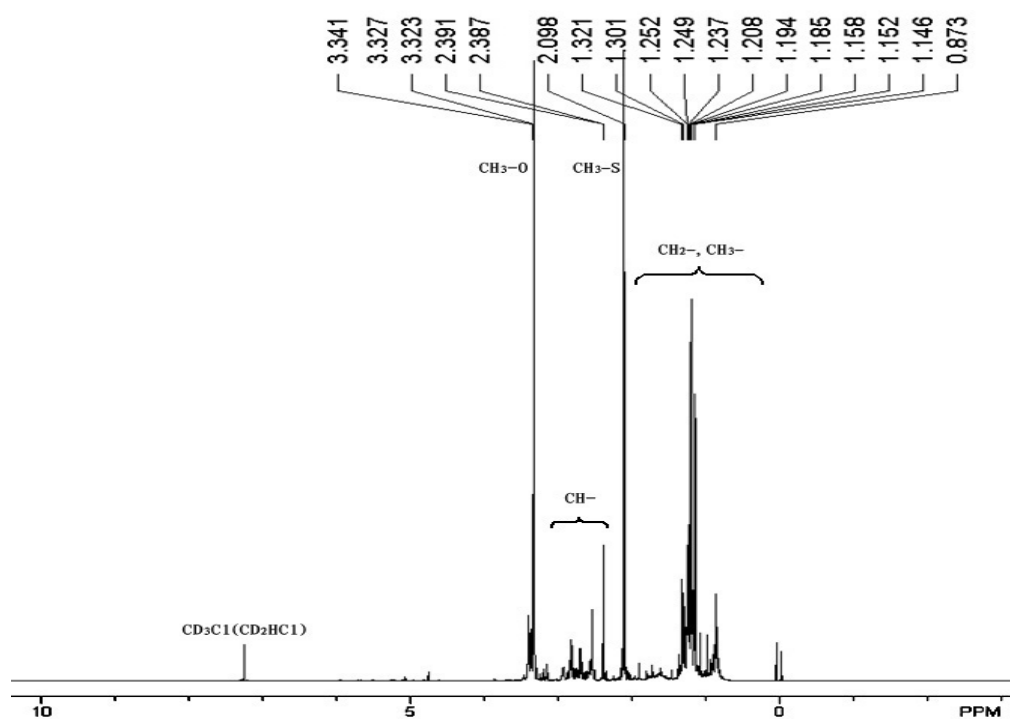


## GC-SCD-FID OF heavy sulfur compounds in MTBE15

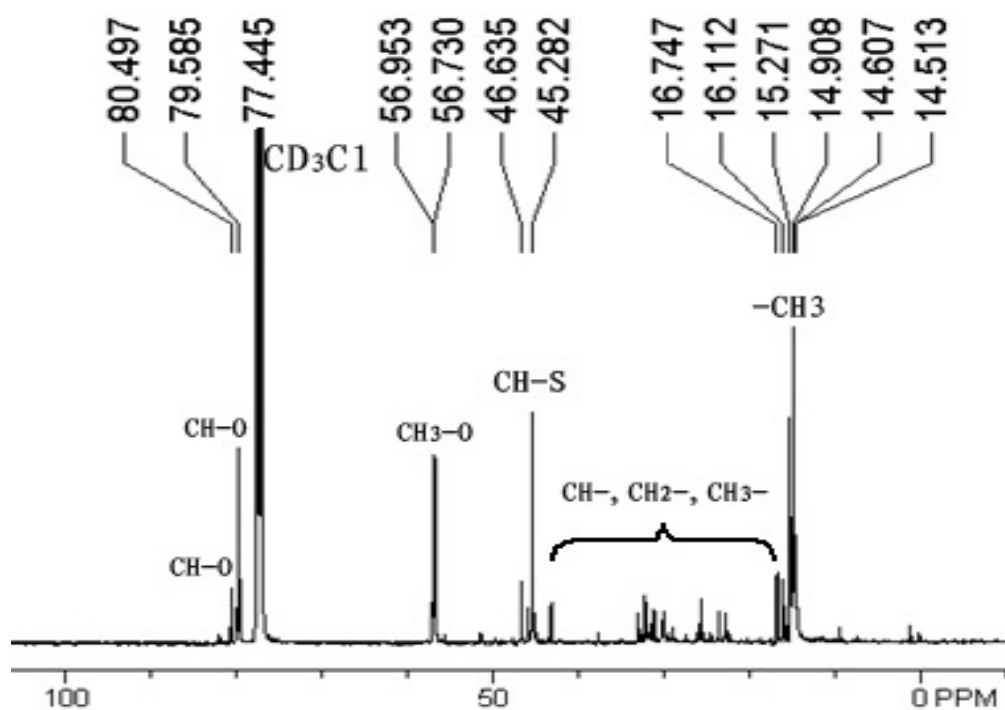
## 2. IR of heavy sulfur compounds seperated from MTBE03



### 3. NMR of heavy sulfur compounds separated from MTBE03



<sup>1</sup>H NMR



<sup>13</sup>C NMR(CD<sub>3</sub>Cl as solvent)