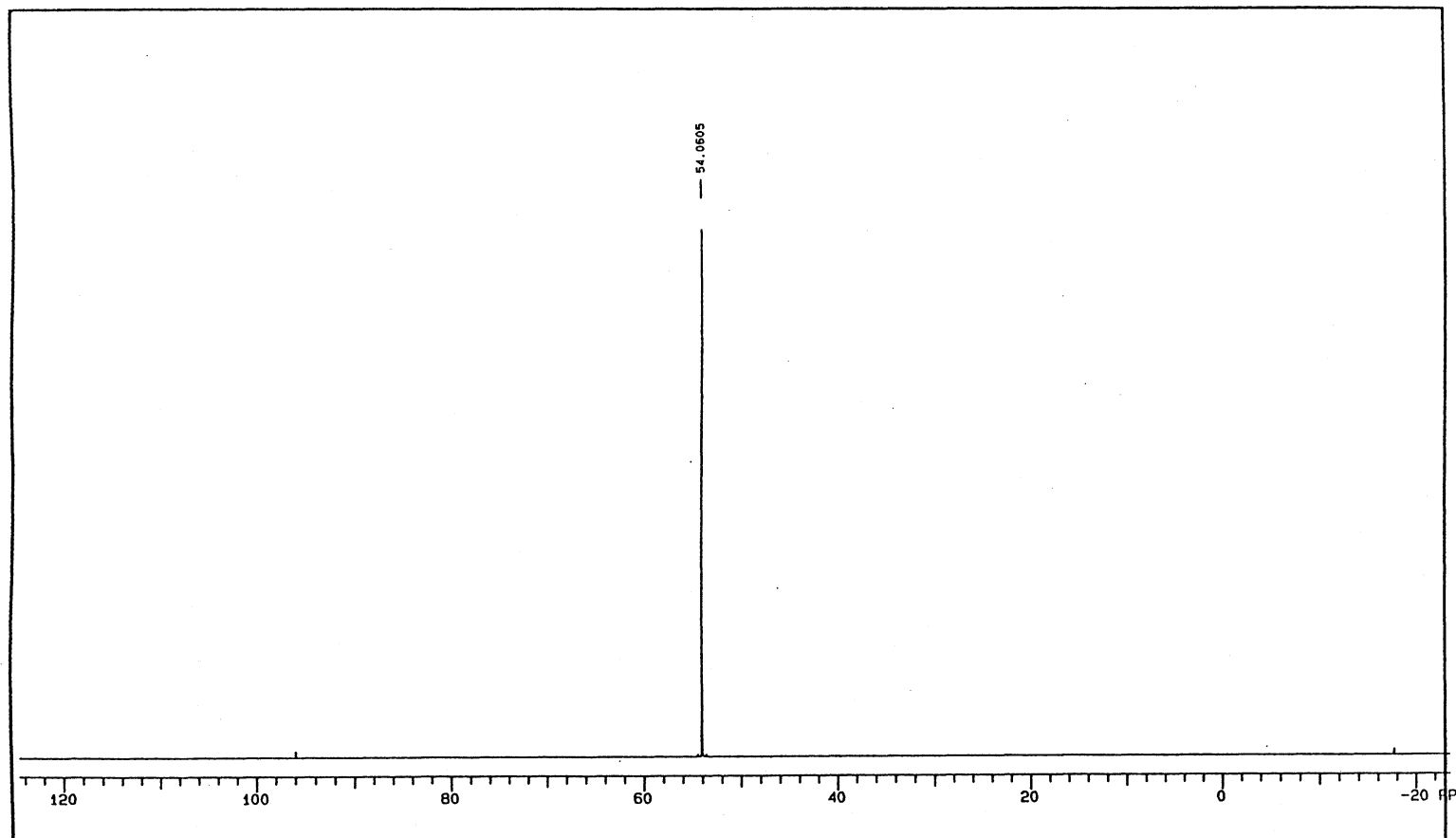
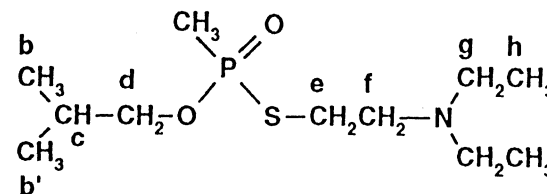


## Isobutyl S-2-(diethylamino)ethyl methylphosphonothiolate

[ ]

 $^{31}\text{P}\{\text{H}\}$ -NMR

nuc.	$\delta$ [ppm]
P	54.06

Res. freq. 121.421 MHz  
 Solvent:  $\text{CDCl}_3$   
 Temperature:  $24^\circ\text{C}$   
 Concentration: approx. 100mg/ml  
 Reference: Triphenylphosphate (TPP)  
 (-17.8ppm, internal)

Spectral width: 17986 Hz  
 Data points (FID): 64K  
 Data points (spec.): 32K  
 Pulse width: 5.5  $\mu\text{s}$  ( $45^\circ$ )  
 Number of scans: 1134

Rep.time.: 1.82 s  
 Line broad.: exp., 0.5 Hz  
 Resolution: 0.84 Hz (TPP), 1.44 Hz (P)  
 Instrument: Varian VXR-300  
 Sample Code: BI05396/2  
 Filename: ME2733/96