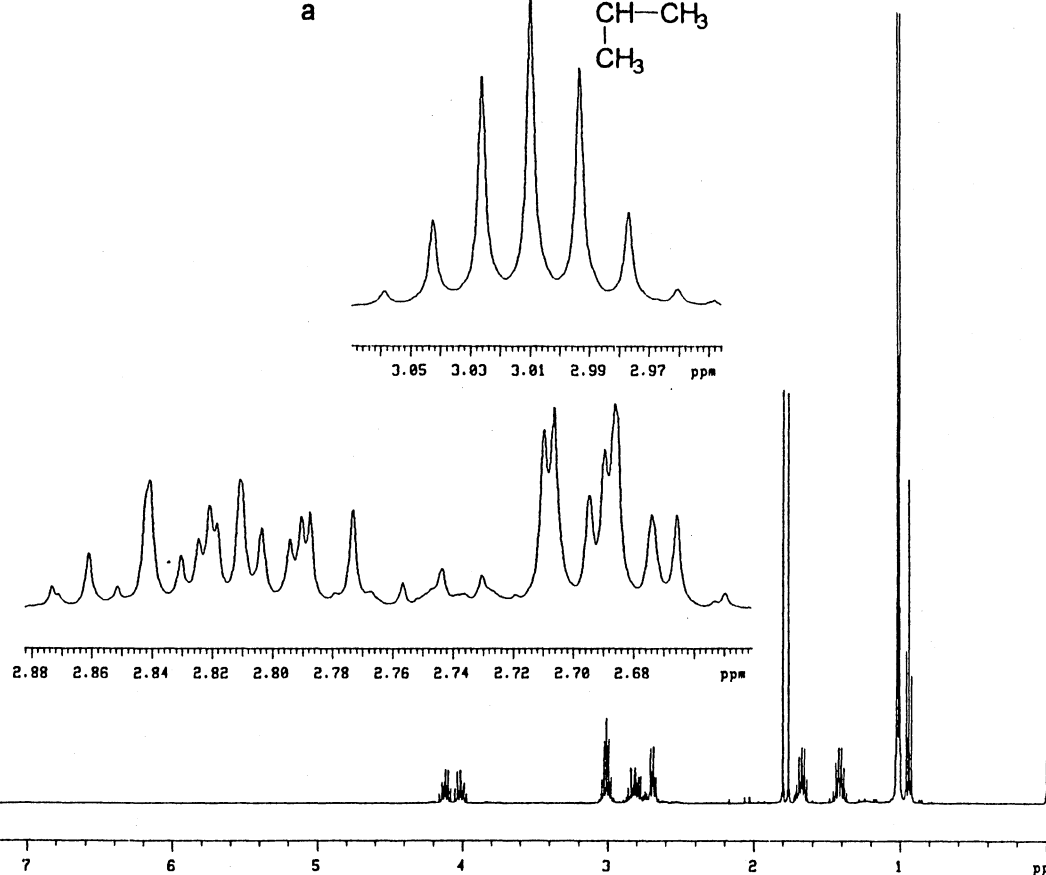
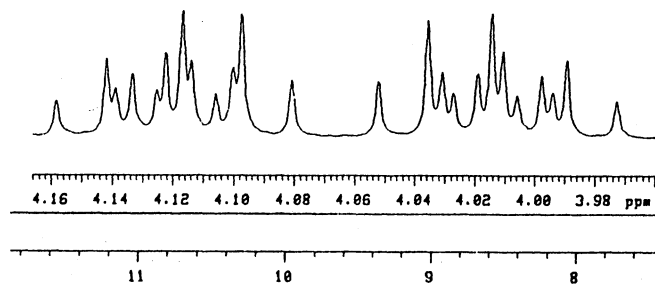
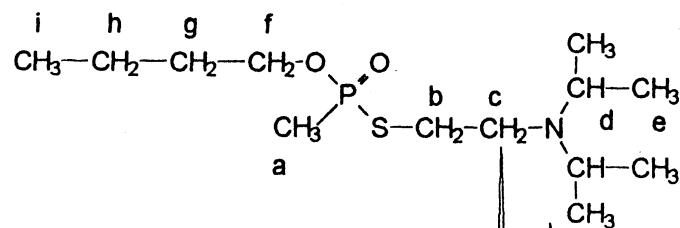


1H-NMR hjc38a  
 36.9mg U6 in ca 0.7ml CDCl3  
 214196066.004 jrn.407;053/100  
 OBSERVE H1  
 FREQUENCY 399.958 MHz  
 SPECTRAL WIDTH 6499.8 Hz  
 ACQUISITION TIME 5.041 sec  
 RELAXATION DELAY 3.000 sec  
 PULSE WIDTH 16.5 usec  
 TEMPERATURE 30.0 deg. C.  
 NO. REPETITIONS 240  
 DOUBLE PRECISION ACQUISITION  
 DATA PROCESSING  
 FT SIZE 131072  
 TOTAL ACQUISITION TIME 32 minutes

SPECTRAL LINES for th=7.0  
 rfl= 818.2 rfp= 0.0  
 TMS internal;dres=0.3Hz

nr	Hz	ppm	intensity
1	1210.21	3.026	8.1
2	1203.66	3.009	11.0
3	1197.12	2.993	8.4
4	1082.46	2.706	7.2
5	1074.33	2.686	7.3
6	720.55	1.802	54.4
7	704.98	1.763	53.9
8	669.27	1.673	7.3
9	661.34	1.654	7.1
10	568.51	1.421	7.3
11	560.87	1.402	7.3
12	410.21	1.026	103.7
13	407.83	1.020	14.1
14	403.67	1.009	103.5
15	384.33	0.961	19.7
16	376.89	0.942	42.4
17	369.55	0.924	16.5
18	0.00	0.000	36.8



n-Butyl S-2-diisopropylaminoethyl methylphosphonothiolate  
 Nucleus : <sup>1</sup>H  
 Frequency : 400.0 MHz  
 Concentration : ca. 36.9 mg/0.7 ml CDCl<sub>3</sub>  
 Reference TMS internal. Resolution : 0.3 Hz (TMS)  
 Instrument : Varian VXR 400S

Temperature : 30 °C  
 Spectral width : 6499.8 Hz  
 Data point (FID) : 64 K  
 Pulse angle : 16.4 μs (60°)  
 Number of pulses : 240  
 Repetition time : 8.0 s  
 Line broadening : not used  
 Data points (spec) : 128 K

a: 1.78 ppm	h: 1.41 ppm	J(aP) : 15.6 Hz
b: 2.82 ppm	i: 0.94 ppm	J(fP) : 7.7 Hz
c: 2.69 ppm	J(de) : 6.5 Hz	J(f'P) : 8.5 Hz
d: 3.01 ppm	J(ff') : 10.0 Hz	
e: 1.02 ppm	J(fg) : 6.6 Hz	
f: 4.12 ppm	J(fg) : 6.6 Hz	
f': 4.01 ppm	J(hi) : 7.4 Hz	
g: 1.67 ppm		