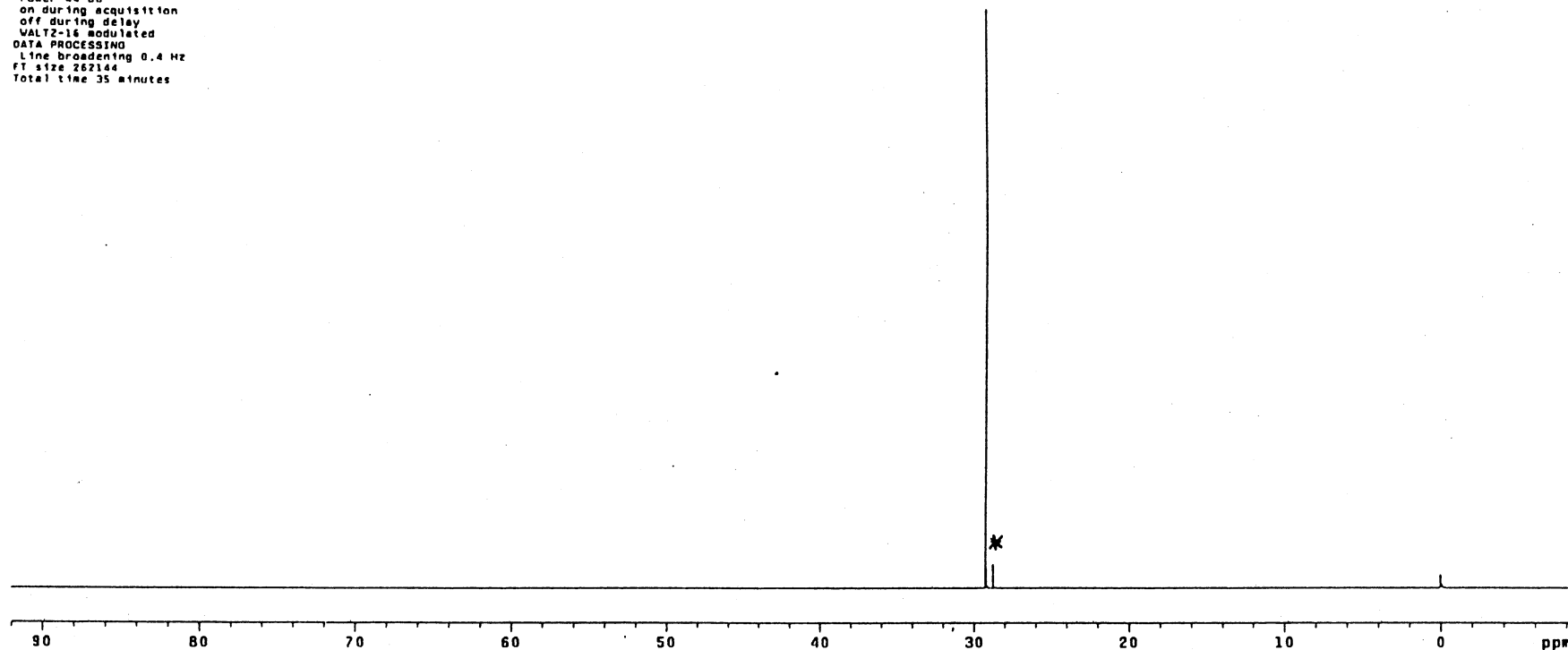
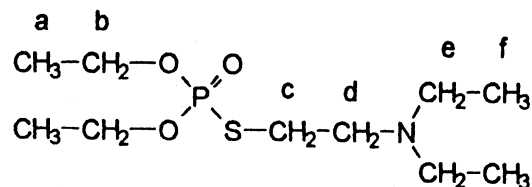


31P-NMR pjd04b2(1H) + cap 85X H3PO4
ca 36.1mg 96130M02/2 in 0.7ml CDCl3
214196066.004 jrn.407;062/100

Solvent: CDCl3
Temp. 30.0 C / 303.1 K
User: pm1
File: pjd04b2
VNR-8005 "palvvr"

PULSE SEQUENCE
Relax. delay 5.000 sec
Pulse 60.0 degrees
Acq. time 2.010 sec
Width 16299.9 Hz
300 repetitions
OBSERVE P31, 161.9047097 MHz
DECOUPLE H1, 399.9571985 MHz
Power 44 dB
on during acquisition
off during delay
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.4 Hz
FT size 262144
Total time 35 minutes

SPECTRAL LINES for th-34.0
rf1= 1404.3 rfp= 0.0
H3PO4 external; res 29.2ppm; 0.7Hz
nr Hz ppm intensity
1 4726.52 29.204 84.3



O,O-diethyl S-2-diethylaminoethyl phosphorothiolate
CAS 78-53-5
Nucleus : $^{31}\text{P}\{1\text{H}\}$
Frequency : 161.9 MHz
Concentration : ca. 36.1 mg/0.7 ml CDCl_3
Reference H_3PO_4 external. Res. : 0.7 Hz (29.2 ppm)
Instrument : Varian VXR 400S

Temperature : 30 °C
Spectral width : 16299.9 Hz
Data point (FID) : 64 K
Pulse angle : 10.3 μs (60°)
Number of pulses : 300
Repetition time : 7.0 s
Line broadening : 0.4 Hz
Data points (spec) : 256 K
P: 29.2 ppm