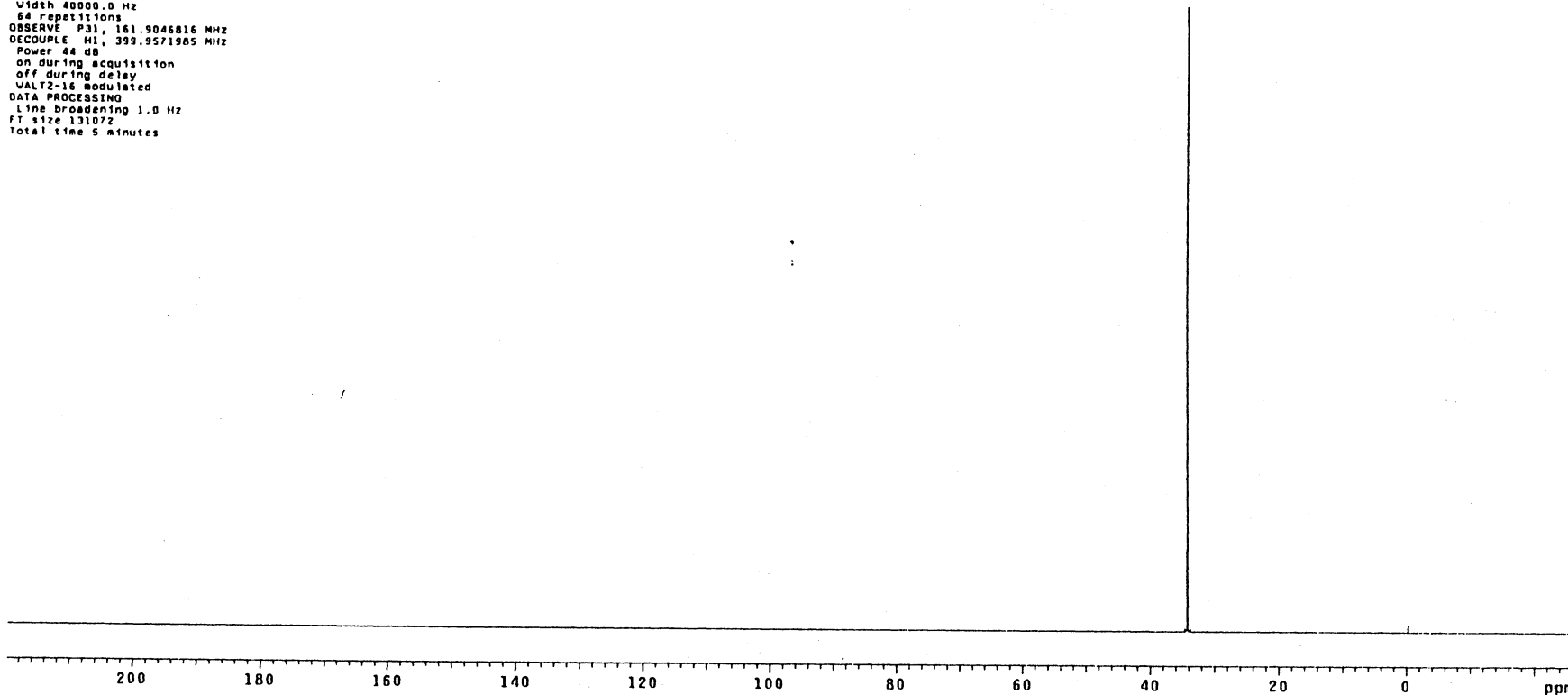
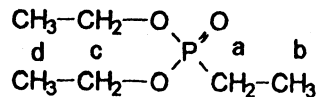


31P-NMR p1120b(1H) dm-nny
 diethylethylphosphonate
 in ca 0.7ml CDCl3
 214195126.006 Jrn.342;144/200
 Solvent: CDCl3
 Temp. 30.0 C / 303.1 K
 User: pm1
 File: p1120b
 VXR-400S "palvvr"
 PULSE SEQUENCE
 Relax. delay 3.400 sec
 Pulse 60.0 degrees
 Acq. time 1.600 sec
 Width 40000.0 Hz
 64 repetitions
 OBSERVE P31, 161.9046816 MHz
 DECOUPLE H1, 399.9571985 MHz
 Power 44 dB
 on during acquisition
 off during delay
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 1.0 Hz
 FT size 131072
 Total time 5 minutes

SPECTRAL LINES for th-61.1
 rfl- 9956.8 rfp- 5549.6
 H3PO4 external;res:34.3ppm:1.7Hz
 nr Hz ppm intensity
 1 5549.62 34.274 91.2



Diethyl ethylphosphonate
 CAS 78-38-6
 Nucleus :
 Frequency :
 Concentration :
 Reference H₃PO₄ external.
 Instrument :

³¹P{¹H}
 161.9 MHz
 ca. 158 mg/0.7 ml CDCl₃
 Res. : 1.7 Hz (34.3 ppm)
 Varian VXR 400S

Temperature : 30 °C
 Spectral width : 40000.0 Hz
 Data point (FID) : 128 K
 Pulse angle : 10.4 μs (60°)
 Number of pulses : 64
 Repetition time : 5.0 s
 Line broadening : 1.0 Hz
 Data points (spec) : 128 K
 P: 34.3 ppm