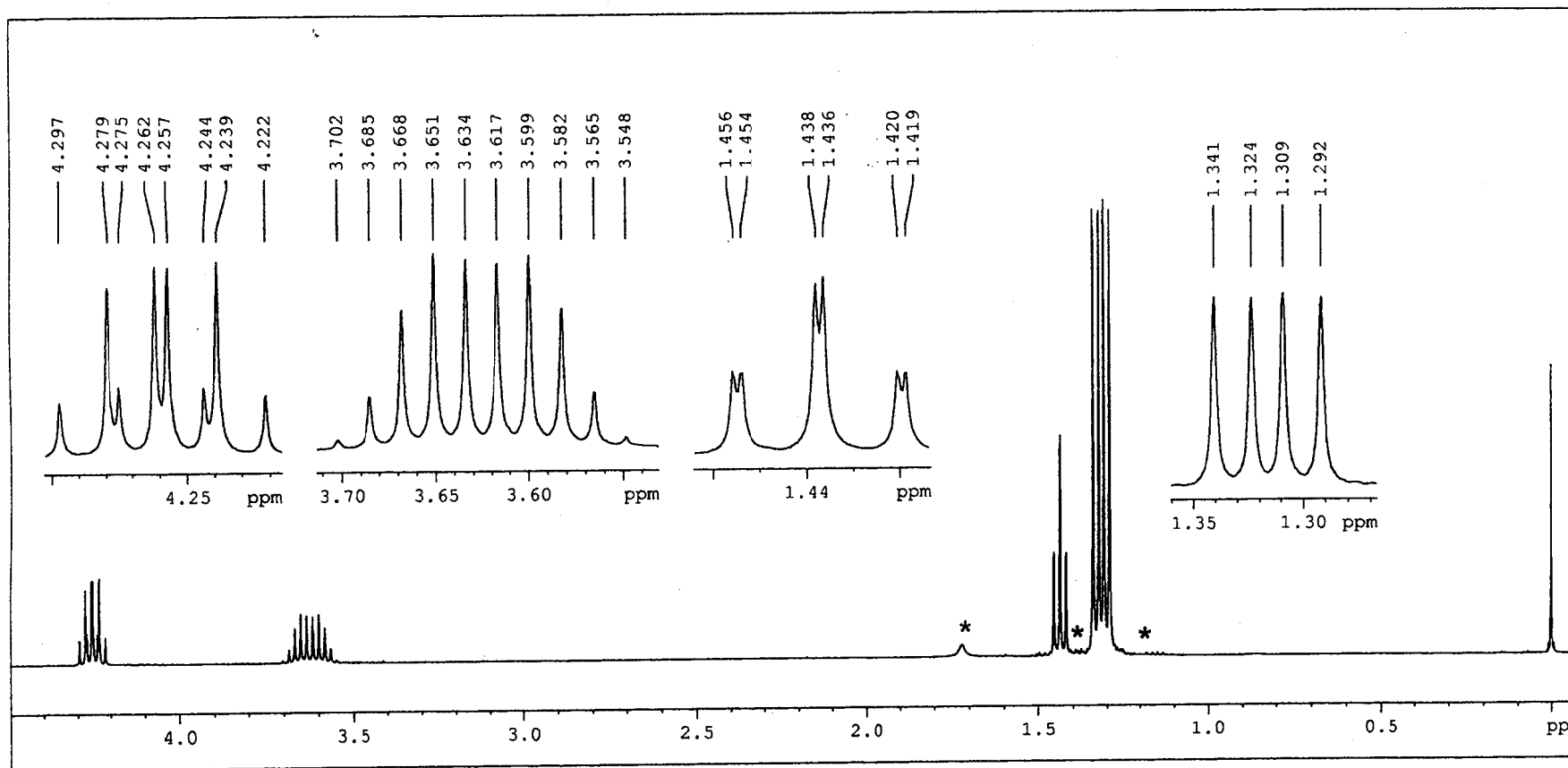
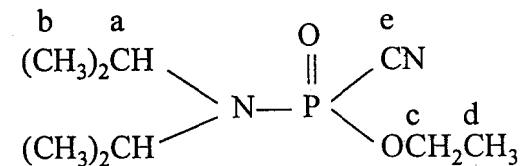


ETHYL N,N-DIISOPROPYLPHOSPHORAMIDOCYANIDATE

¹H-NMR



nuc.	δ [ppm]
a	3.63
b	1.30, 1.33
c	4.26
d	1.44
J _{a-b} 6.8 Hz	
J _{a-P} 20.8 Hz	
J _{c-P} 8.8 Hz	
J _{d-c} 7.2 Hz	
J _{d-P} 0.8 Hz	

* impurities

RES. FREQ. : 400.132 MHz
 SOLVENT : CDCl₃
 TEMPERATURE : 24°C
 CONCENTRATION : 40 mg/ml
 REFERENCE : TMS [INT.]

SPECTRAL WIDTH : 5208.33 Hz
 DATA POINTS [FID] : 32 K
 DATA POINTS [SPEC.] : 32 K
 PULSE WIDTH : 6.00 μs [90°]
 NUMBER OF SCANS : 100

REP. TIME : 5.00 s
 LINE BROAD : 0.00 Hz
 RESOLUTION : 0.32 Hz [TMS]
 INSTRUMENT : BRUKER DPX-400