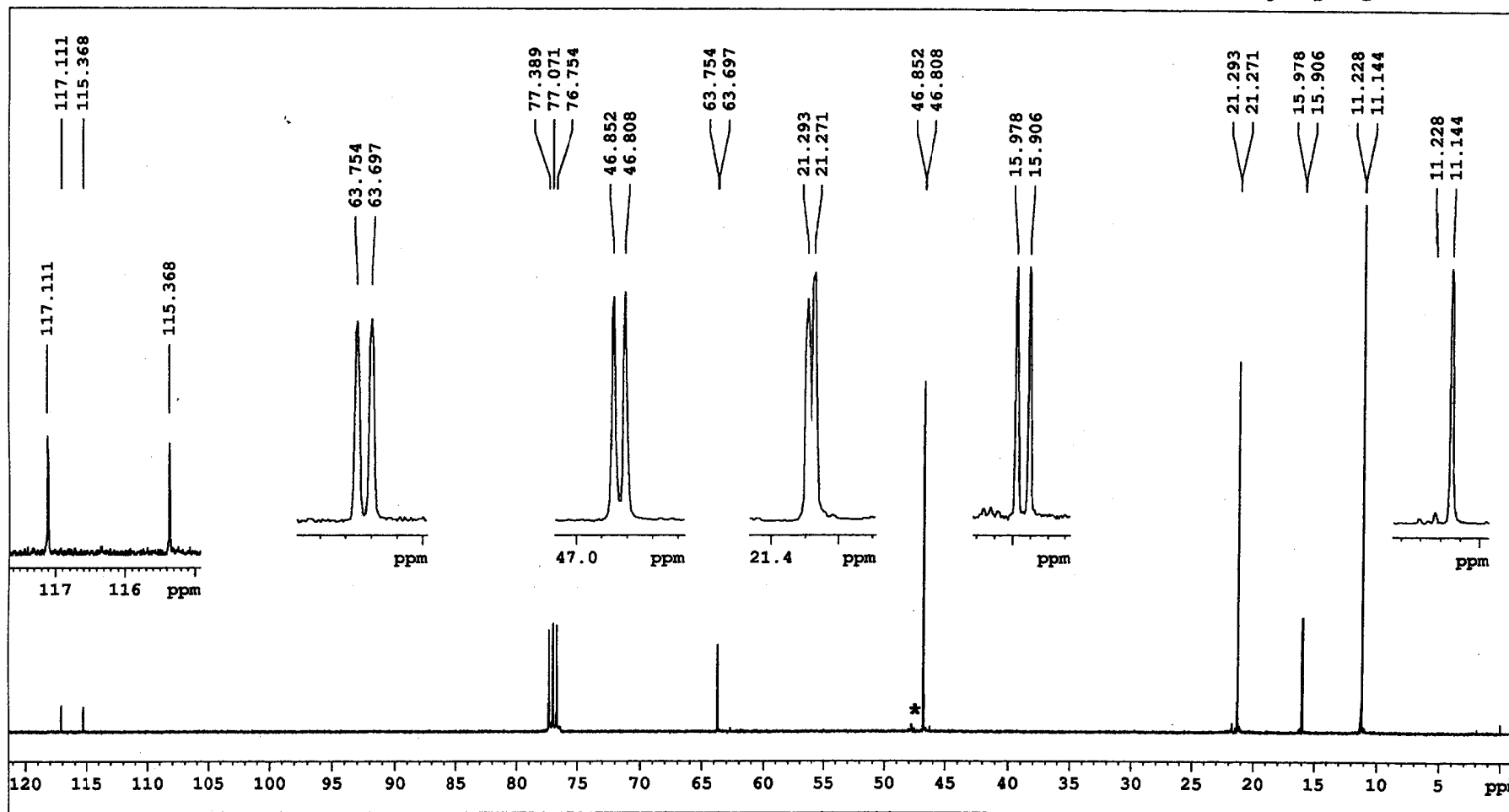
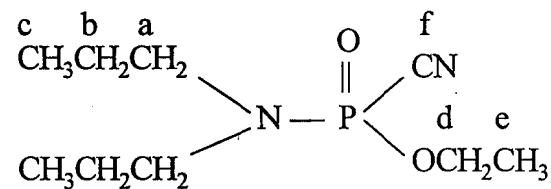


ETHYL N,N -DIPROPYLPHOSPHORAMIDOCYANIDATE

¹³C{H}-NMR



nuc.	δ [ppm]
a	46.83
b	21.28
c	11.14
d	63.73
e	15.94
f	116.24

J _{a-P}	4.43 Hz
J _{b-P}	2.21 Hz
J _{d-P}	5.74 Hz
J _{e-P}	7.24 Hz
J _{f-P}	175.38 Hz

* impurities

RES. FREQ. : 100.62 MHz
 SOLVENT : CDCl₃
 TEMPERATURE : 22°C
 CONCENTRATION : 60 mg/ml
 REFERENCE : TMS [INT.]

SPECTRAL WIDTH : 20080.32 Hz
 DATA POINTS [FID] : 65 K
 DATA POINTS [SPEC.] : 32 K
 PULSE WIDTH : 6.00 μs [90°]
 NUMBER OF SCANS : 8000

REP. TIME : 2.00 s
 LINE BROAD : not used
 RESOLUTION : 1.2 Hz [TMS]
 INSTRUMENT : BRUKER DPX-400