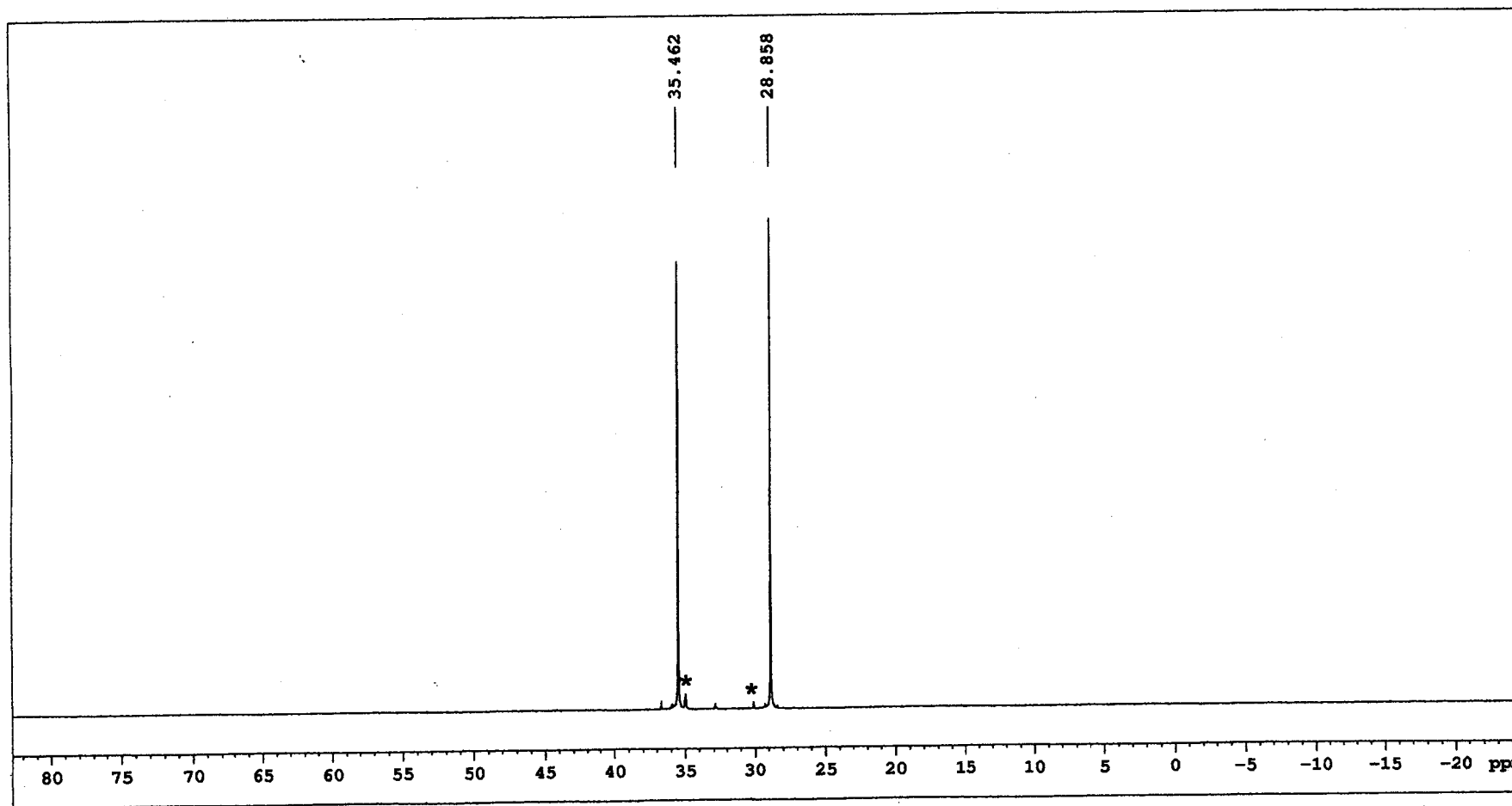
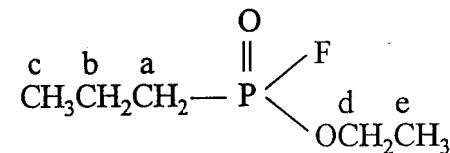


# ETHYL PROPYLPHOSPHONOFUORIDATE

$^{31}\text{P}\{\text{H}\}$ -NMR



nuc.  $\delta$  [ppm]  
P 32.16

$J_{[\text{P-F}]}$  1069.68 Hz

\* impurities

RES. FREQ.	: 161.975 MHz	SPECTRAL WIDTH	: 50251.00 Hz	REP. TIME	: 2.00 s
SOLVENT	: $\text{CDCl}_3$	DATA POINTS [FID]	: 32 K	LINE BROAD	: 3.00 Hz
TEMPERATURE	: 22°C	DATA POINTS [SPEC.]	: 16 K	RESOLUTION	: 4.24 Hz [P]
CONCENTRATION	: 40 mg/ml	PULSE WIDTH	: 6.00 $\mu\text{s}$ [90°]	INSTRUMENT	: BRUKER DPX-400
REFERENCE	: $\text{H}_3\text{PO}_4$ [Ext.]	NUMBER OF SCANS	: 100		