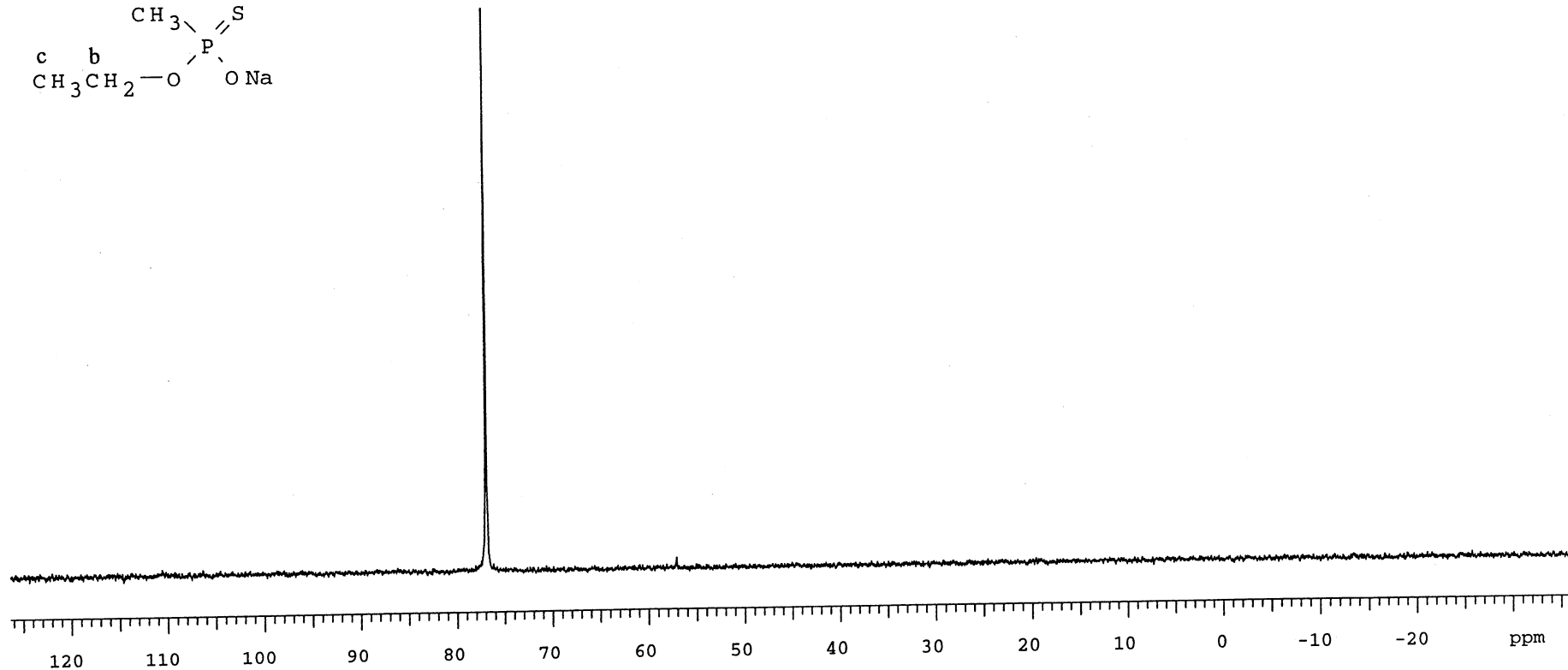
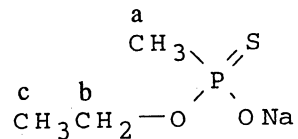


$^{31}\text{P}\{^1\text{H}\}$ NMR

O-Ethyl methylphosphonothionate sodium salt



Solvent:	$\text{CDCl}_3 + \text{CD}_3\text{OD}$	Flip angle; Pulse width:	46 °; 2.8 μs	nuc.	δ [ppm]
Concentration:	12.0 mg/ 1.2 ml	No. of scans; Rep. time:	128; 7.2 s	P	76.92
Reference substance:	ext. H_3PO_4	Weighting; Line broad.:	exp.; 5.0 Hz		
Sample temperature:	29.0 °C	Spectral resolution:	11.5 Hz (P)		
Resonance frequency:	161.983 MHz	Instrument:	Bruker AMX-400		40 μl of CD_3OD added
Spectral width:	26315.8 Hz	Source reference:	961008-3412		
Data points (FID; spec.):	64 k; 64 k	Signature:	<i>Markku Mesilaakso</i>		
			Markku Mesilaakso		

5 - 3 - 112

OPCW Code:05-3-0112(p1/1)