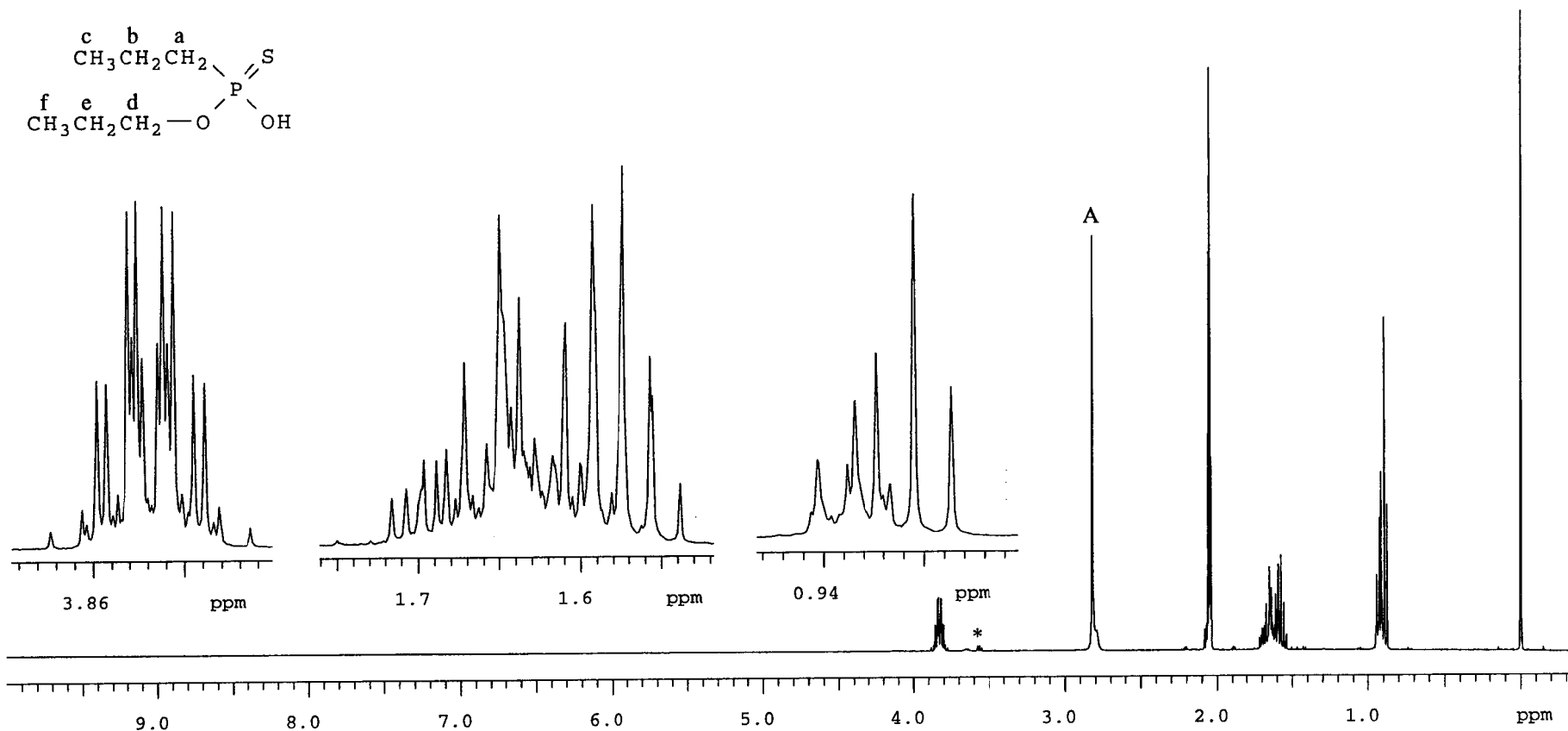
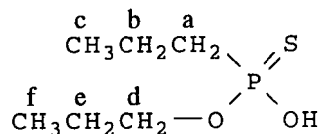


5-3-113:r

 $^1\text{H NMR}$ **O-Propyl propylphosphonothionate**

Solvent:	$(\text{CD}_3)_2\text{CO}$	Flip angle; Pulse width:	45 °; 3.4 $\mu\text{s}$	nuc.	$\delta$ [ppm]	J [Hz]	nuc.	$\delta$ [ppm]
Concentration:	3.9 mg/ 0.8 ml	No. of scans; Rep. time:	32; 23.0 s	a	1.6-1.7		f	0.895
Reference substance:	TMS	Weighting; Line broad.:	exp.; 0.1 Hz	b	1.6-1.7	7.4 (c)		
Sample temperature:	30.0 °C	Spectral resolution:	0.3 Hz (TMS)	c	0.925			
Resonance frequency:	400.132 MHz	Instrument:	Bruker AMX-400	d	3.820	8.1 (P); -10.0 (d'); 6.8 (e)		
Spectral width:	4672.9 Hz	Source reference:	980604-4669	d'	3.838	7.7 (P); 6.7 (e)		
Data points (FID; spec.):	64 k; 64 k	Signature:	<i>Markku Mesilaakso</i> Markku Mesilaakso	e	1.583	7.4 (f)		

A Propably from exchangeable proton(-s)

OPCW Code: 05-3-0113:r (p1/1)