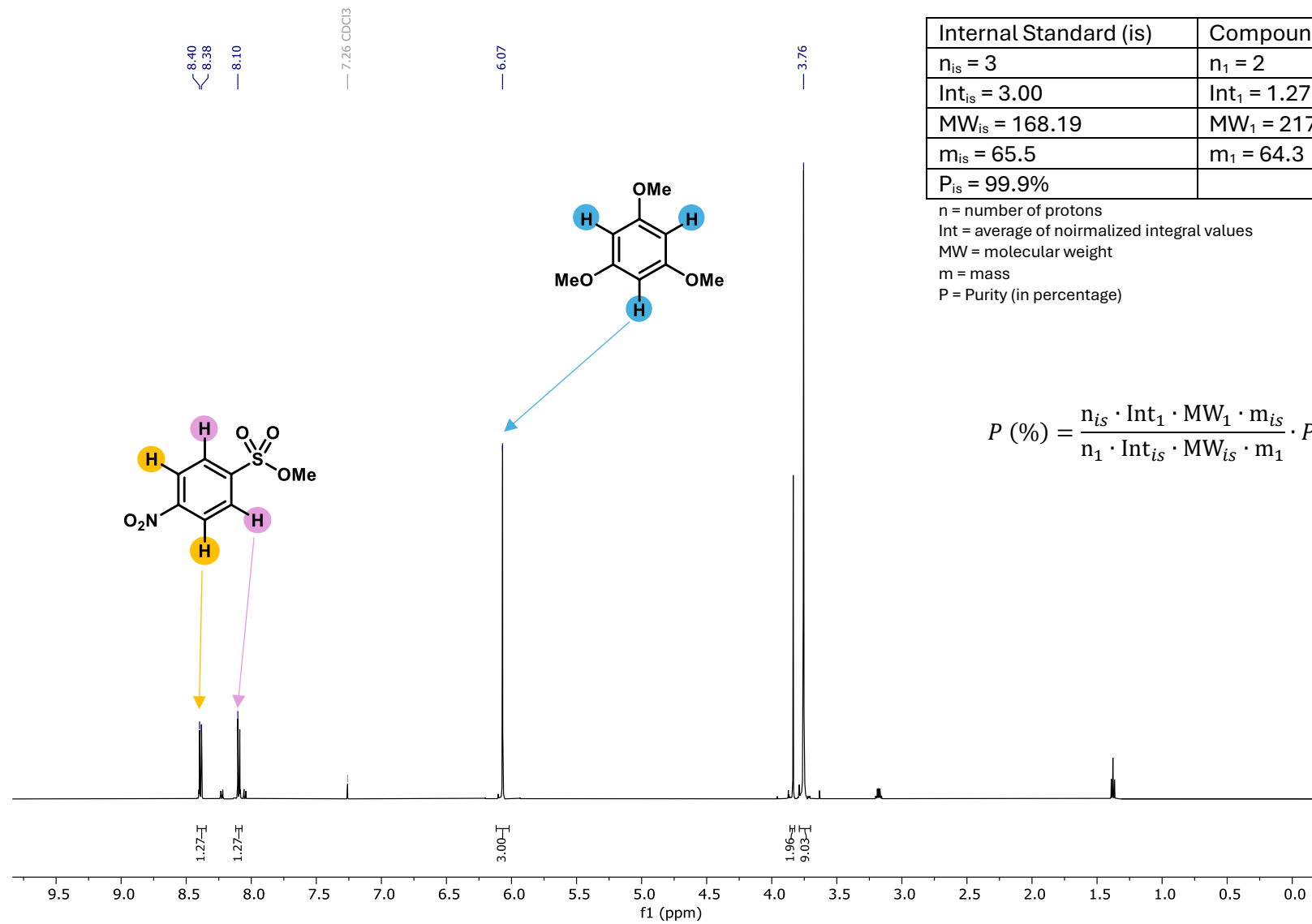


QNMR of **1** with 1,3,5-trimethoxybenzene before purification

<sup>1</sup>H, CDCl<sub>3</sub>, 600 MHz, 298.0 K



Internal Standard (is)	Compound <b>1</b>
$n_{is} = 3$	$n_1 = 2$
$Int_{is} = 3.00$	$Int_1 = 1.27$
$MW_{is} = 168.19$	$MW_1 = 217.20$
$m_{is} = 65.5$	$m_1 = 64.3$
$P_{is} = 99.9\%$	

$n$  = number of protons  
 $Int$  = average of noiralized integral values  
 $MW$  = molecular weight  
 $m$  = mass  
 $P$  = Purity (in percentage)

$$P (\%) = \frac{n_{is} \cdot Int_1 \cdot MW_1 \cdot m_{is}}{n_1 \cdot Int_{is} \cdot MW_{is} \cdot m_1} \cdot P_{is} = 83.5\%$$