Int = Average of normalized integrals values
MW = Molecular weight
P = Purity (as percent value)
m = mass
n = number of protons giving rise to a given NMR signal (The total number of protons is set to one because an average of all normalized integrals is carried out)

$n_{IS} = 1$ $n_2 = 1$
$Int_{IS} = 1.021$ $Int_2 = 1.066$
$MW_{IS} = 165.15$ g/mol $MW_2 = 432.03$ g/mol
$m_{IS} = 8.26$ mg $m_2 = 23.02$ mg
$P_{IS} = 98\%$

$$P\,[\%] = \frac{n_{IS} \cdot Int_2 \cdot MW_2 \cdot m_{IS}}{n_2 \cdot Int_{IS} \cdot MW_{IS} \cdot m_2} \cdot P_{IS} = 96\ \%$$

2.00 2.04   3.13   2.07   6.23 6.60   5.27 9.94

10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)