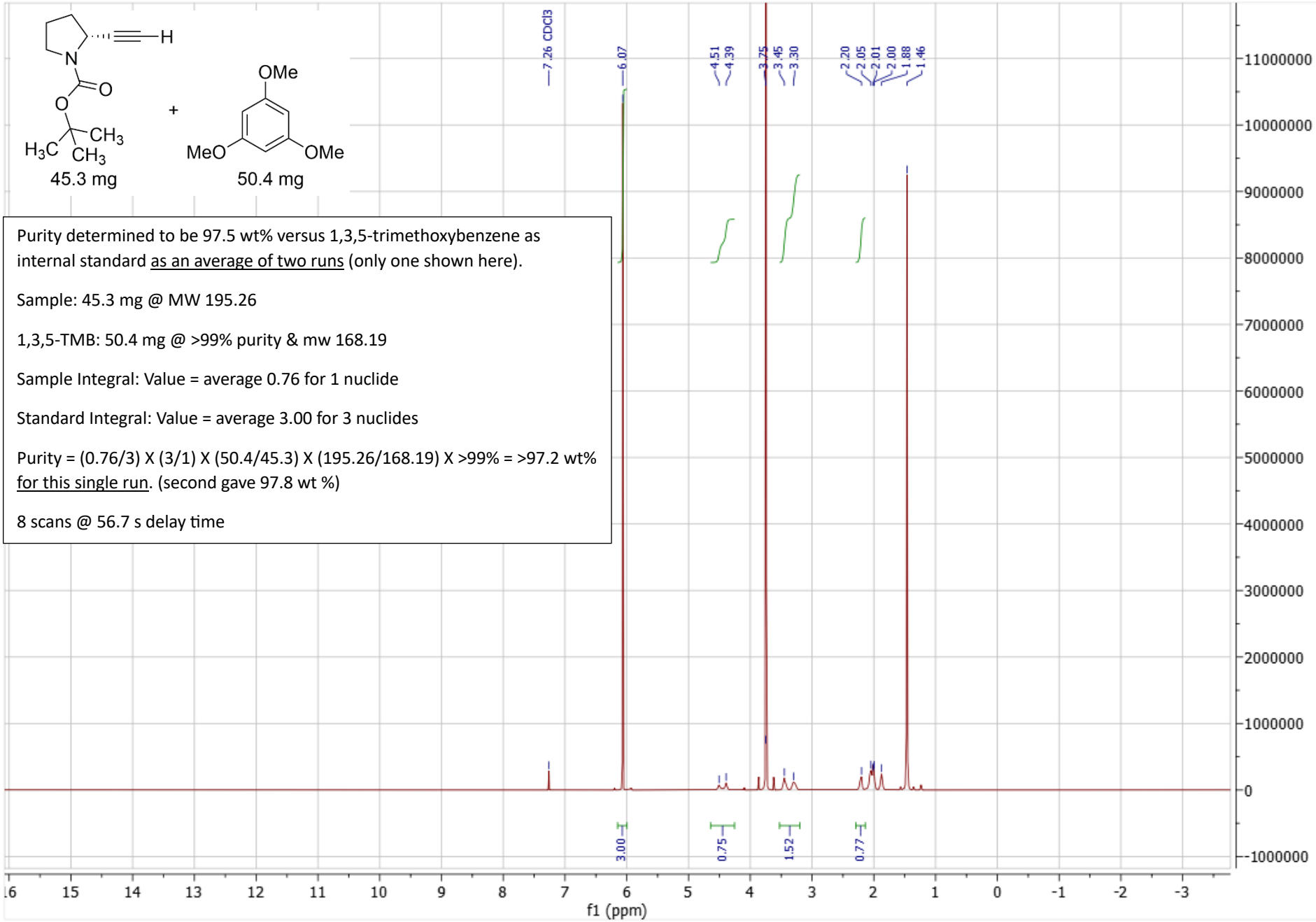

Purity determined to be 97.5 wt% versus 1,3,5-trimethoxybenzene as internal standard as an average of two runs (only one shown here).

Sample: 45.3 mg @ MW 195.26

1,3,5-TMB: 50.4 mg @ >99% purity & mw 168.19

Sample Integral: Value = average 0.76 for 1 nuclide

Standard Integral: Value = average 3.00 for 3 nuclides

Purity = (0.76/3) X (3/1) X (50.4/45.3) X (195.26/168.19) X >99% = >97.2 wt% for this single run. (second gave 97.8 wt %)

8 scans @ 56.7 s delay time