



Supplementary Material Figure 1. Analysis of fluorescence correlation spectroscopy (FCS) measurements of star shaped nanoparticles. **(A)** Experimentally obtained auto-correlation curves (black) fitted with the FCS function (red). **(B)** Comparison of gold nanoparticle concentration extracted from A (solid circle) and predicted concentration based on chemical formulation and average shape assuming a hollow (hollow square) or solid (filled square) nanoparticle.