

**Figure captions:**

Figure S1. Particle size analysis with DLS (Dynamic Light Scattering) confirms overall particle radii of the monodisperse carbon-encapsulated superparamagnetic colloidal nanoparticles to be approximately 63.2 nm.

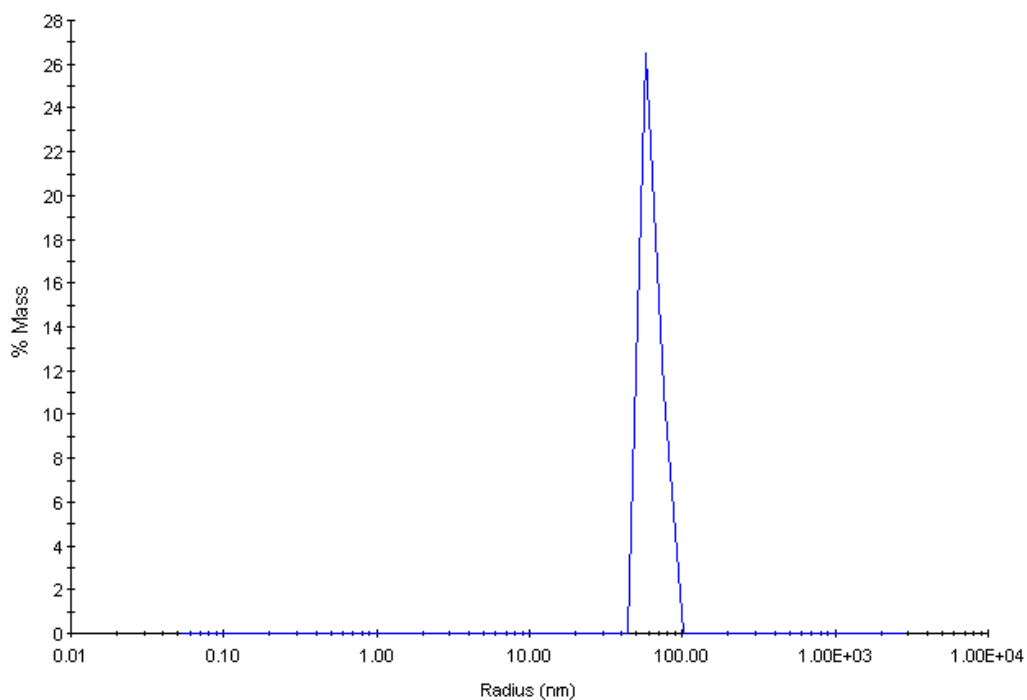


Fig S1.

Item	R (nm)	%Pd	MW-R (kDa)	%Int	%Mass	D (cm <sup>2</sup> /s)
Peak 1	63.2	13.4	55108	100.0	100.0	3.01177e-008