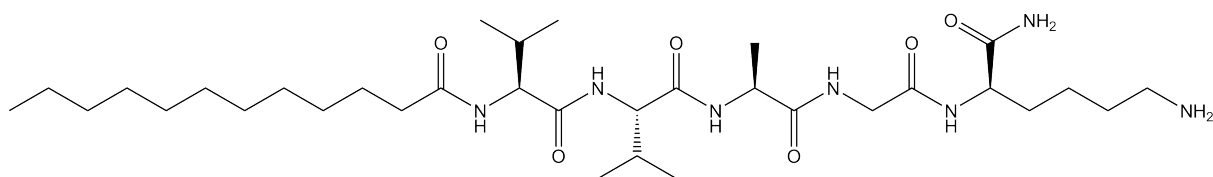
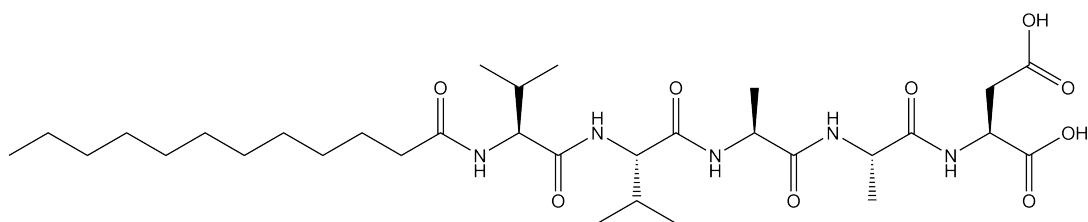


Supporting Information for
Peptide Functionalized Superparamagnetic Iron Oxide Nanoparticles as MRI
Contrast Agents



1



2

Figure S1. Chemical drawings of **PA1** and **PA2**

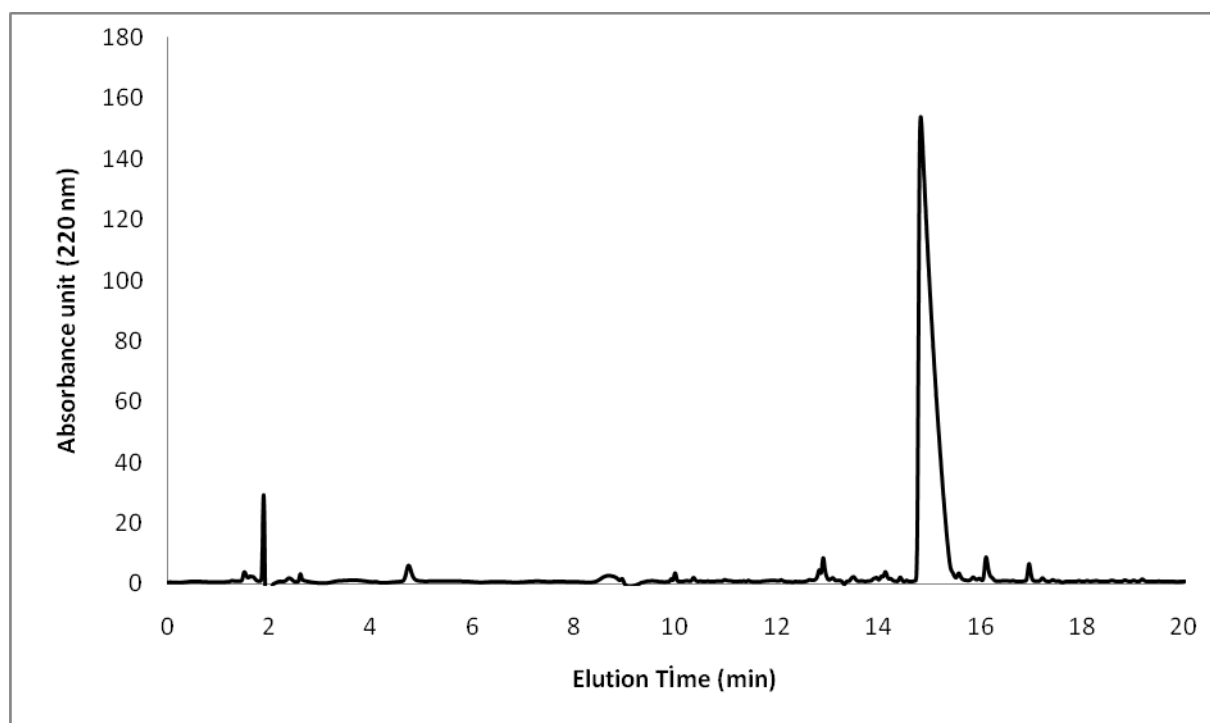


Figure S2. HPLC analysis of the **PA1**.

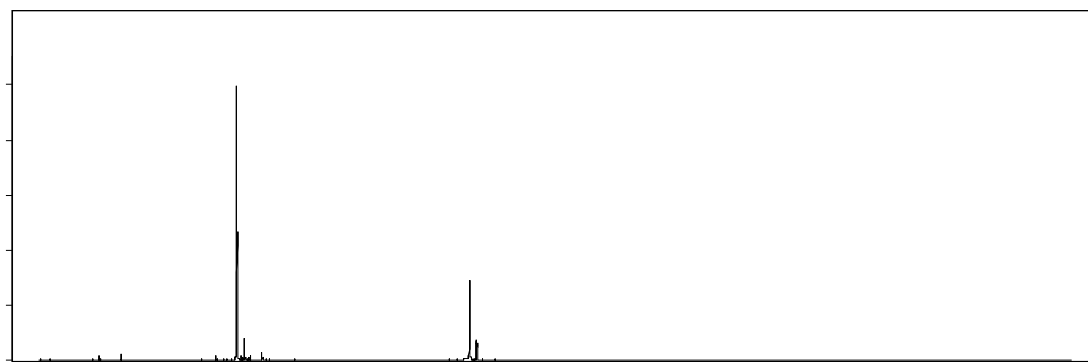


Figure S3. Mass spectrometry analysis of the **PA1**.

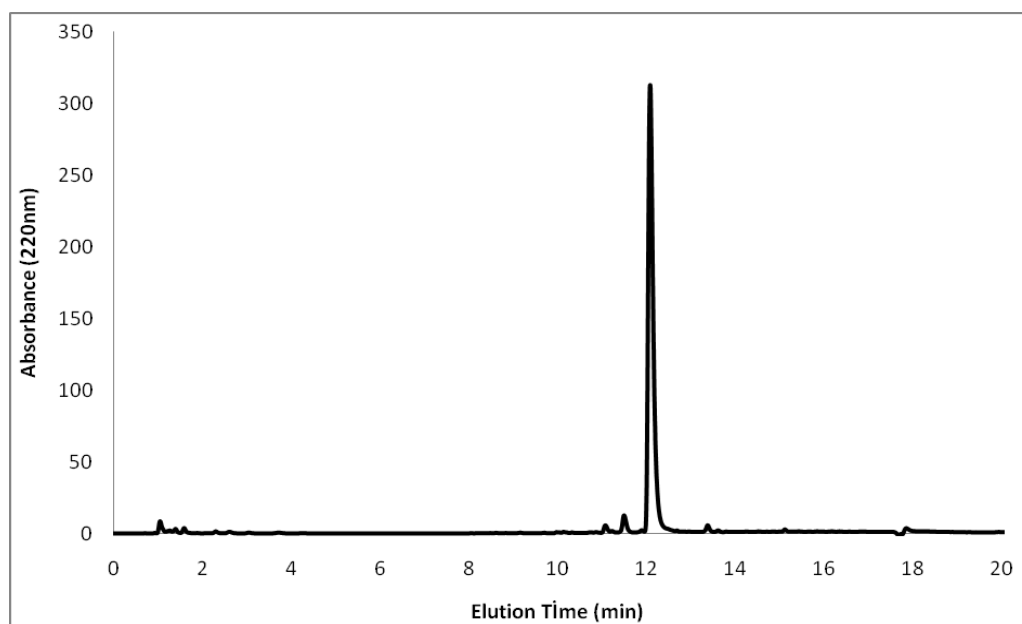


Figure S4. HPLC analysis of the **PA2**.

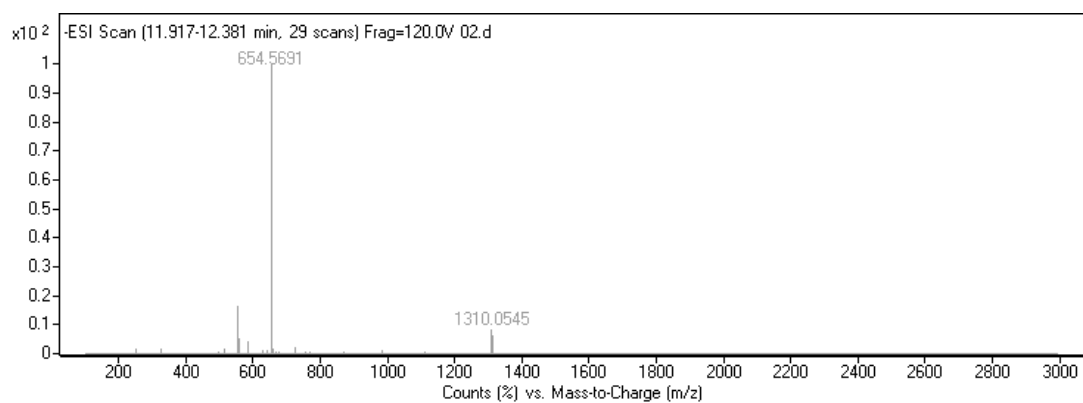


Figure S5. Mass spectrometry analysis of the **PA2**.

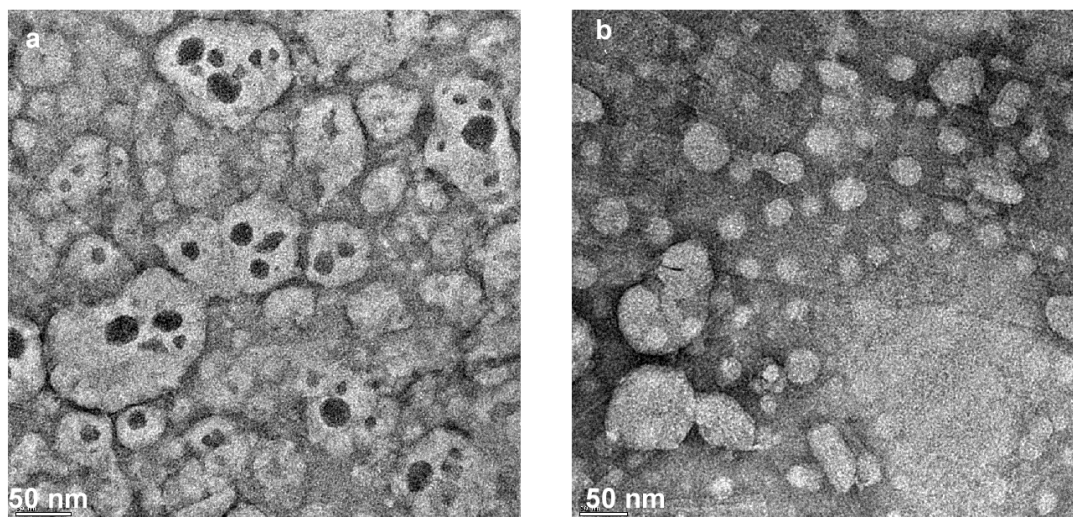


Figure S6. a) TEM image of **PA1**-SPION complex stained with uranyl acetate. b) TEM image of **PA2**-SPION complex stained with phosphotungstic acid.

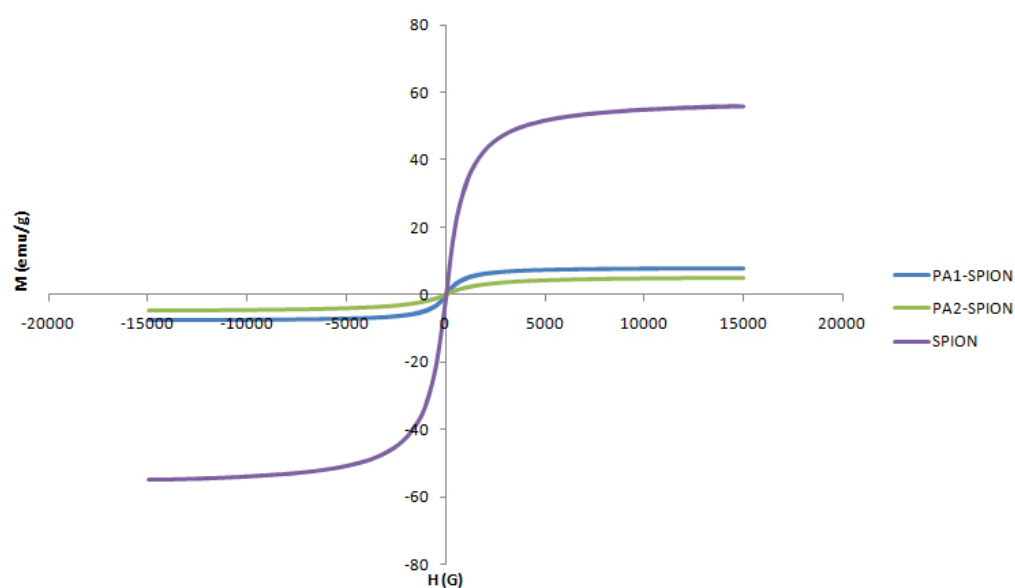


Figure S7. Hysteresis loop graphs of **PA1**-SPION, **PA2**-SPION and SPION obtained by VSM.

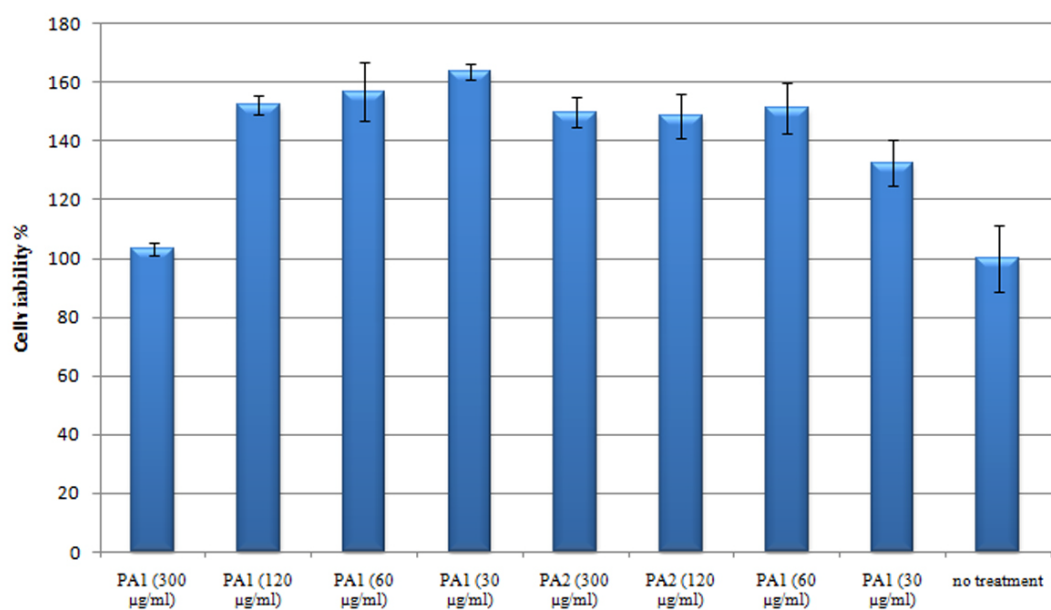


Figure S8. Cell viability assay 48 h after addition of PAs on NIH 3T3 cells.

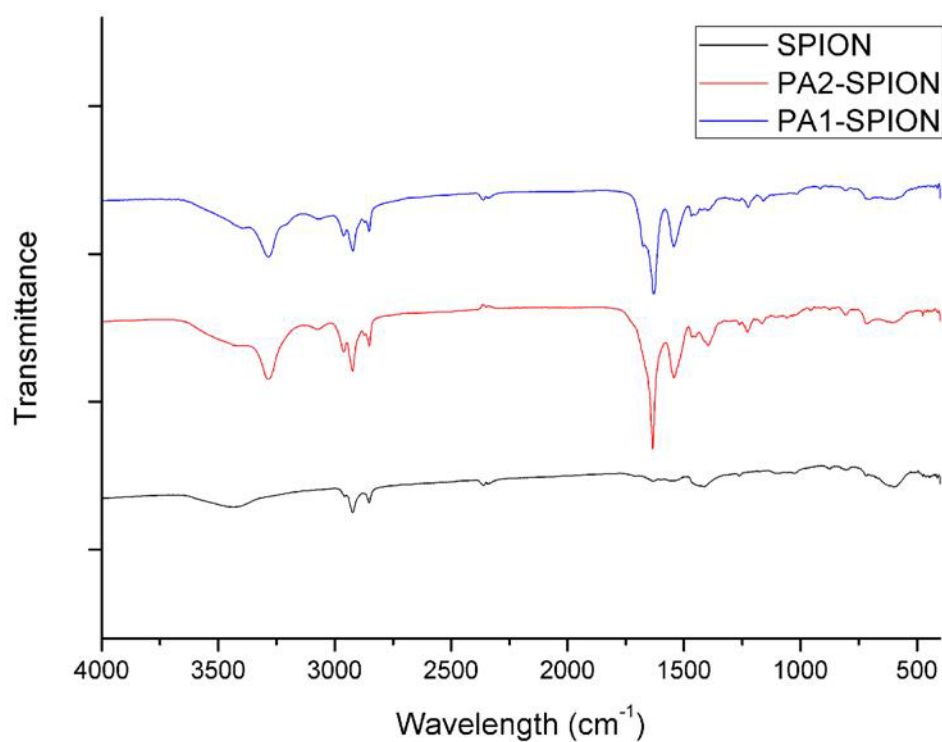


Figure S9. FT-IR spectra of SPION, PA1-SPION and PA2-SPION.