Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics.

Electronic Supplementary Information

Capping agent promoted oxidation of gold nanoparticles: Cetyl trimethylammonium bromide

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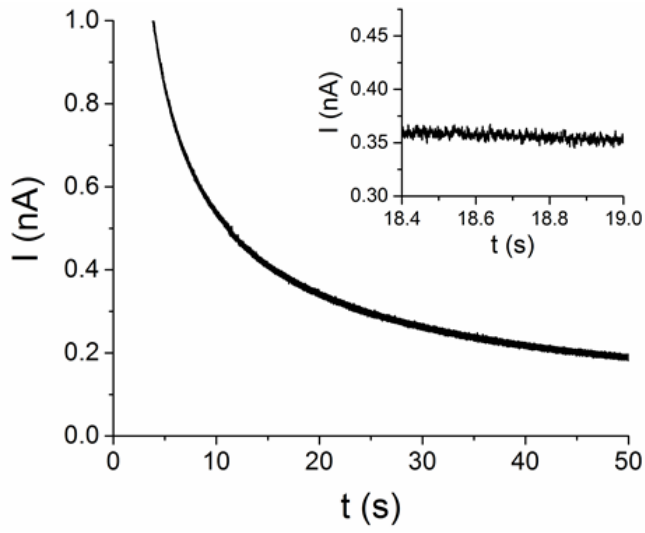

Figure S1. Chronoamperogram recorded at 0.7 V vs MSE using a carbon microcylinder electrode immersed in a solution of 0.1 M HNO_3.

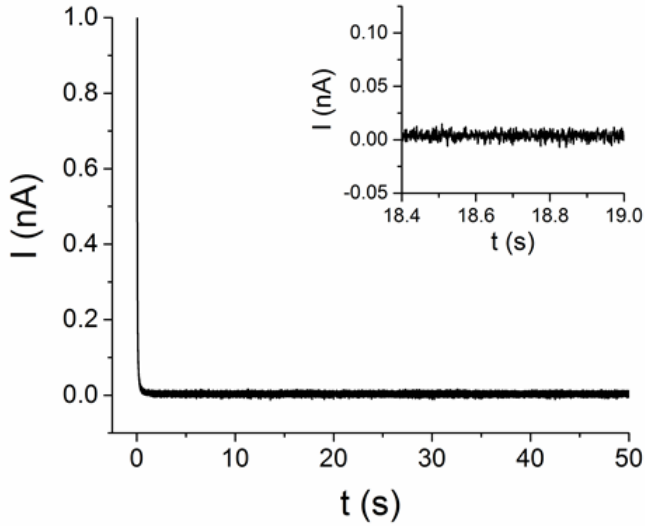

Figure S2. Chronoamperogram recorded at 0.4 V vs MSE using a carbon microcylinder electrode immersed in a solution of 0.1 M HNO_3 with 1 pM CTAB-capped gold nanoparticles.

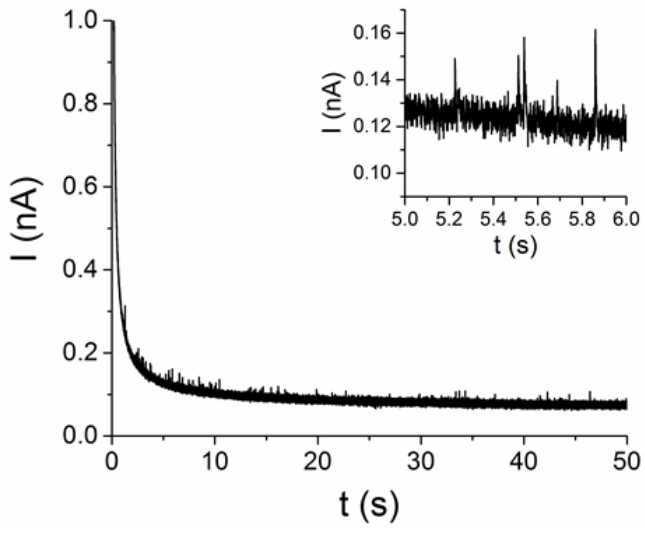

Figure S3. Chronoamperogram recorded at 0.7 V vs MSE using a carbon microcylinder electrode immersed in a solution of 0.1 M HNO_3 with 1 pM CTAB-capped gold nanoparticles.

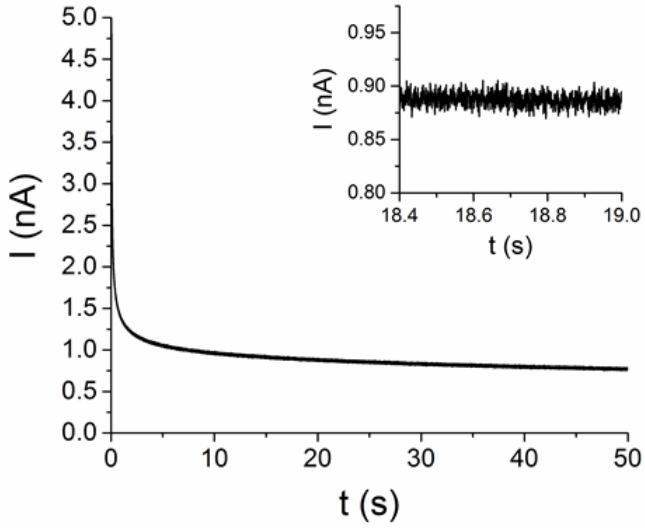

Figure S4. Chronoamperogram recorded at 0.7 V vs MSE using a carbon microcylinder electrode immersed in a solution of 0.1 M HNO_3 with 0.15 mM CTAB.