

Supporting information,

Ultrasensitive an amperometric environmental toxic hydrazine sensor of reduced graphene oxide / gold tetraphenyl porphyrin (RGO/Au-TPP) nanocomposite

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Figure captions,

Figure S1 NMR data for Tetra phenyl Porphyrin (TPP).

Figure S2 NMR data for Gold Tetra Phenyl Porphyrin (Au-TPP).

Figure S3 Optimization of RGO/Au-TPP coated on the GCE.

Figure S4 Cyclic voltammetry of electrochemical reduction GO/Au-TPP.

Figure S5, Thermogravimetric analysis (TGA) of (a) RGO, (b) Au-TPP and (c) RGO/Au-TPP.

Figure S6, CVs of (b) Au-TPP modified electrodes in PBS (pH 7) containing 200 μ M hydrazine at the scan rate 50 mVs^{-1} and the CVs of (Inset) Au-TPP modified electrode in absence of hydrazine.

Figure S1,

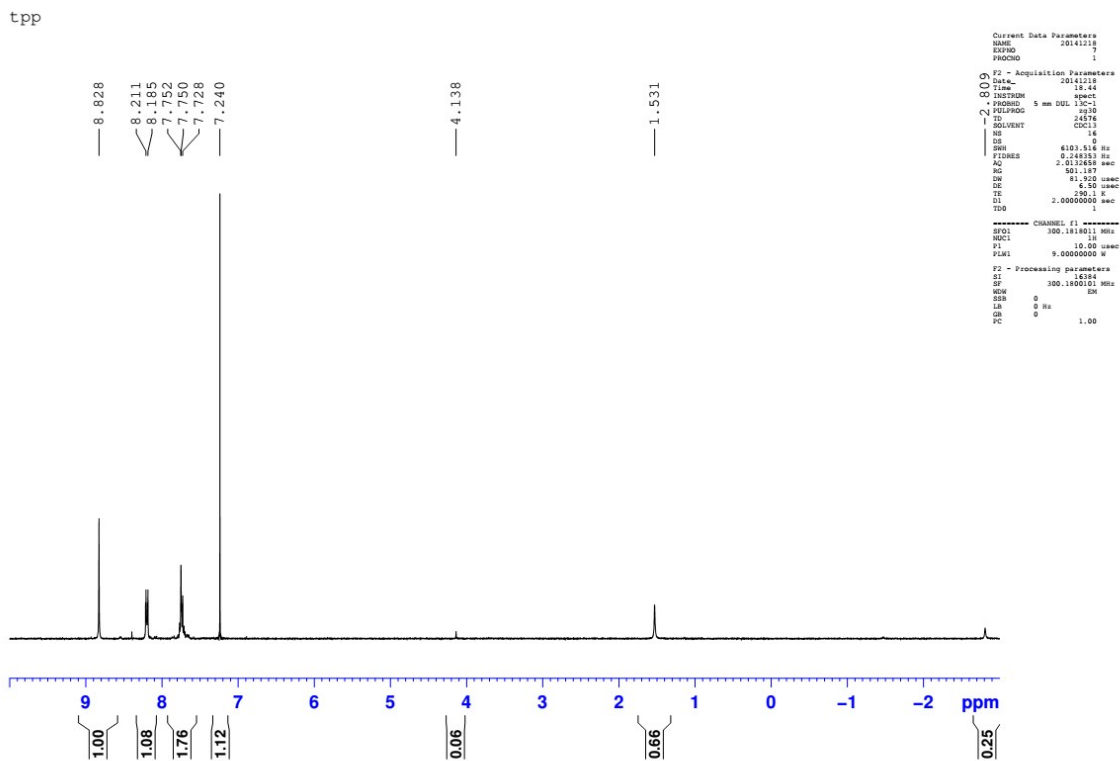


Figure S2,

Au TPP

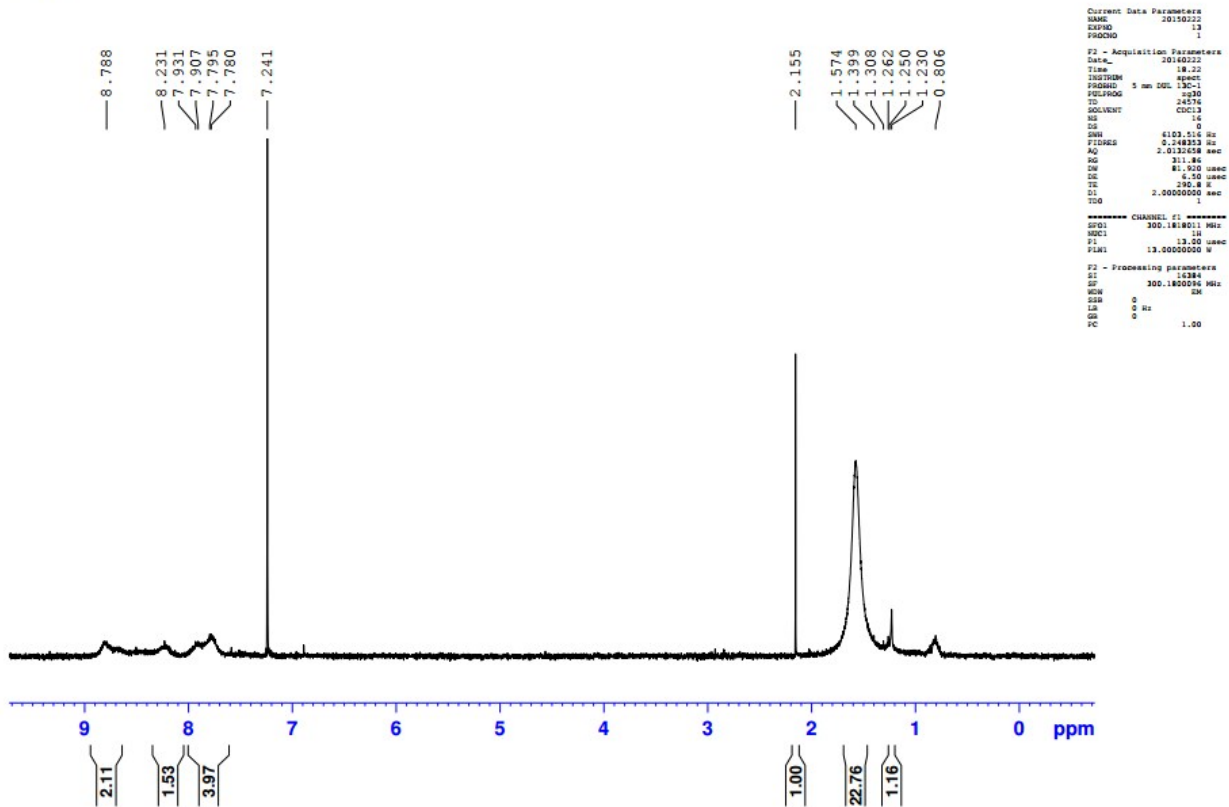


Figure S3,

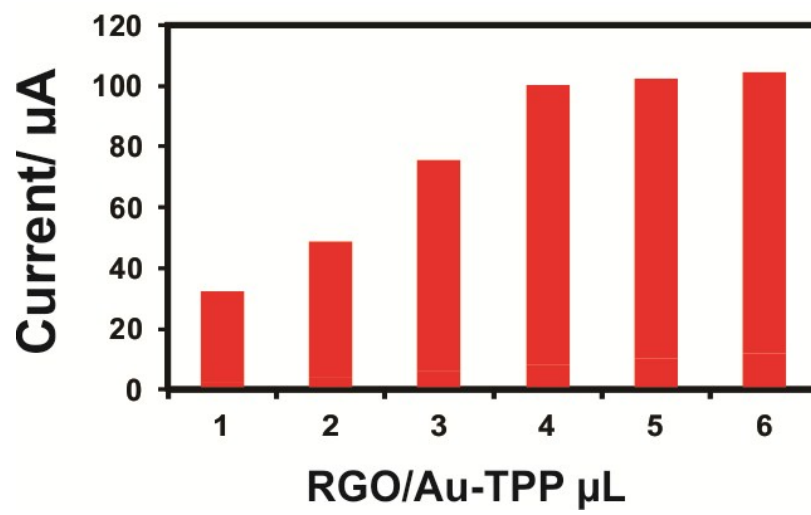


Figure S4,

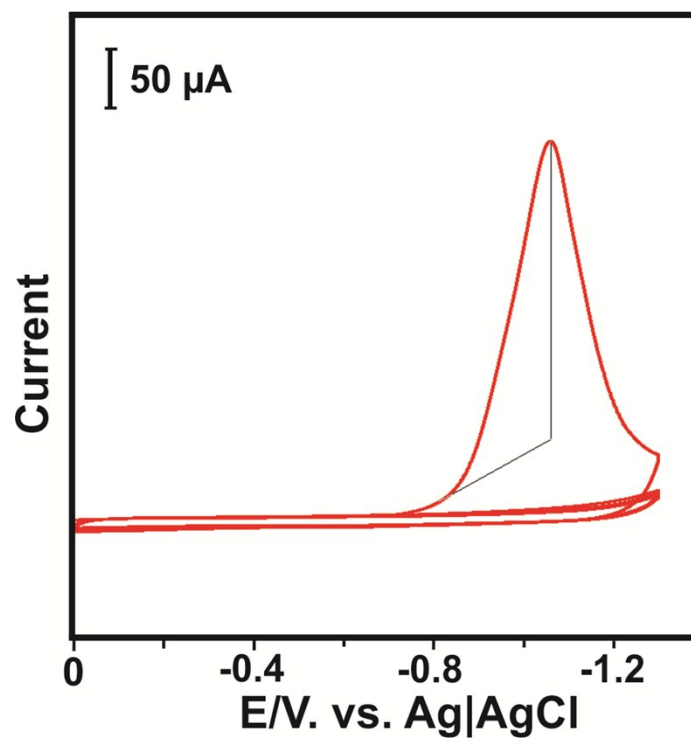


Figure S5,

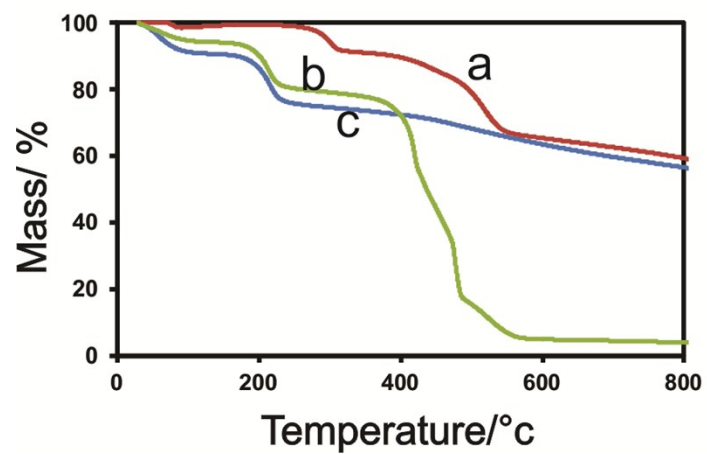


Figure S6,

