ELECTRONIC SUPPLEMENTARY INFORMATION

Simultaneous Intracellular Redox Potential and pH Measurements in Live Cells Using SERS Nanosensors

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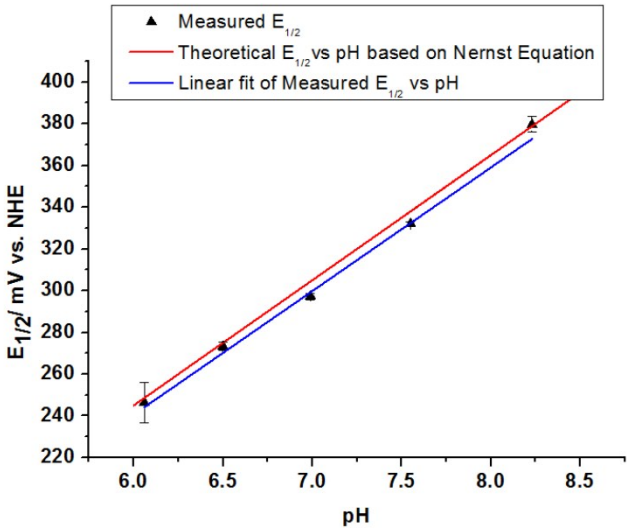

Fig S1. Half-cell potential of AQ at different pH measured by cyclic voltammetry which correlates with the theoretical dependence of half-cell potential with pH according to the Nernst Equation.

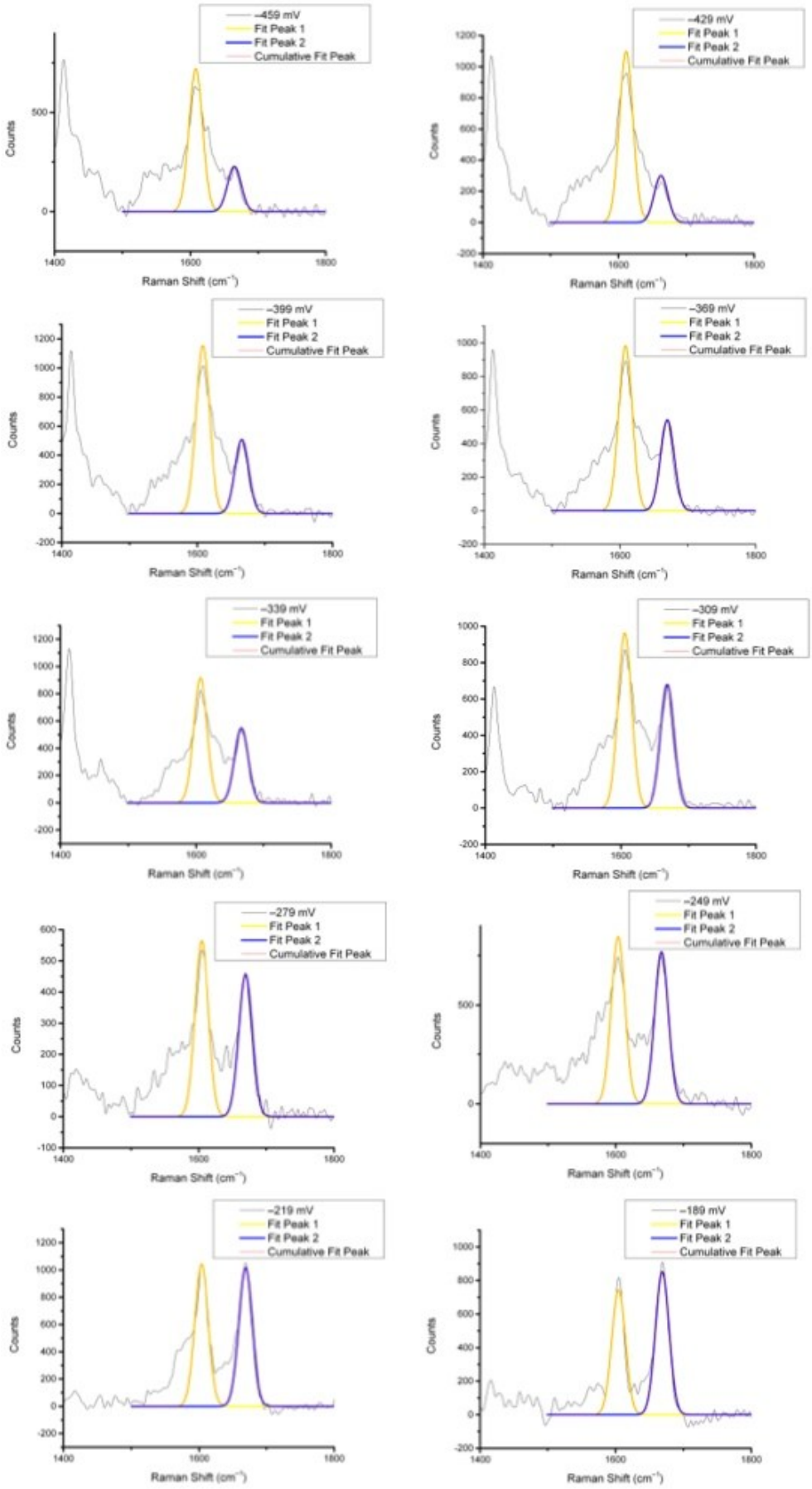

Fig S2 Representative AQ-NP spectra with GaussAmp fitting at a range of redox potentials.