

**Supplemental Information to manuscript titled “In-situ microfluidic SERS assay
for monitoring enzymatic breakdown of organophosphates”**

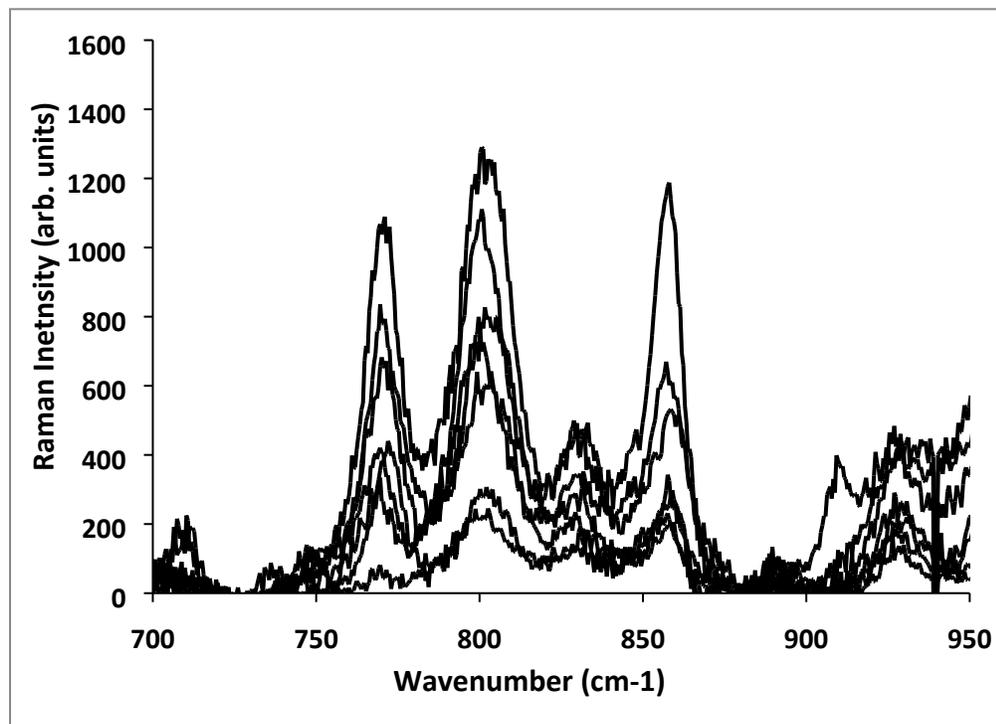


Figure S1. A series of Raman spectra from the same SERS cluster, showing reproducibility of spectral features of adsorbed citrate species.

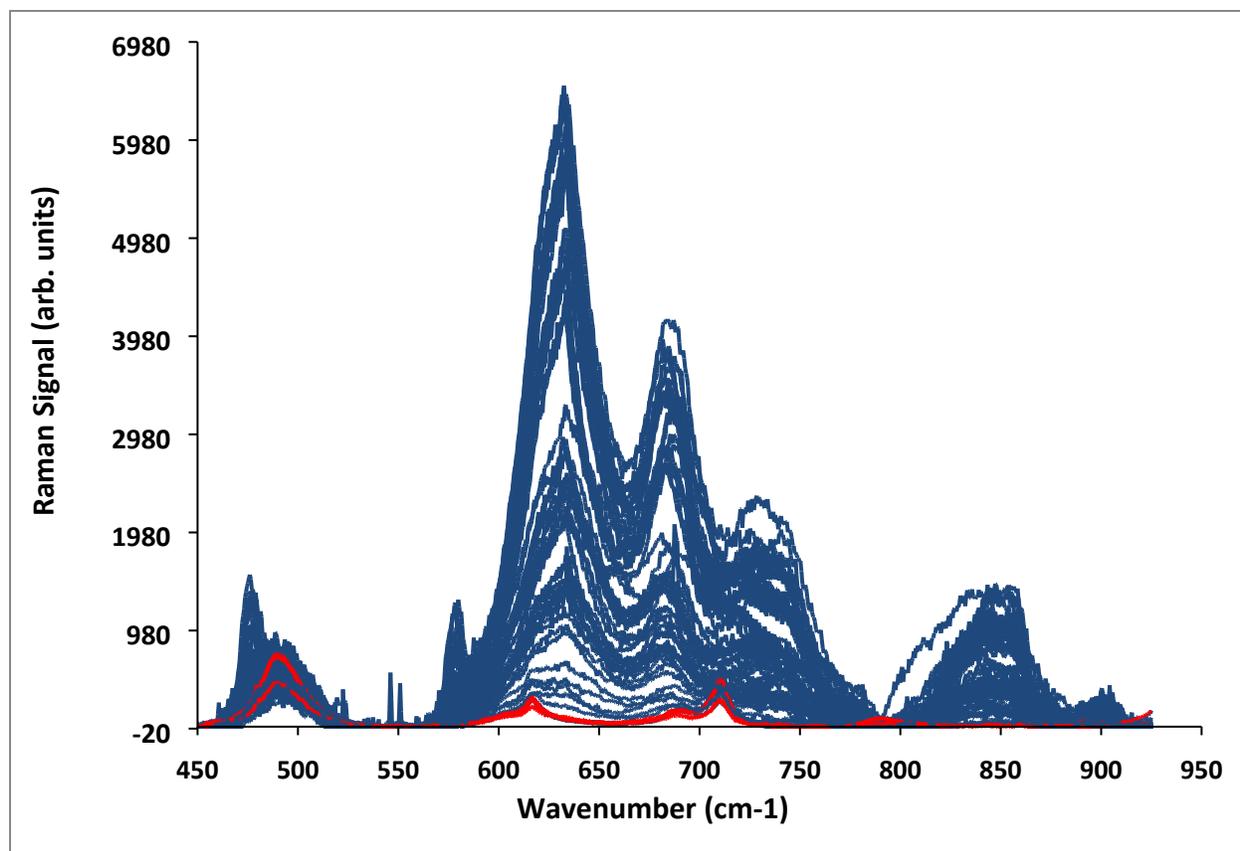


Figure S2. SERS spectra from a 2-EET-functionalized Ag cluster, corresponding to a Raman spatial map of Figure 5F. The blue peaks refer to the peaks inside the Ag cluster, corresponding to 2-EET. The red peaks are from areas outside of the cluster, representing PDMS background from the microchannel.