Supporting Figures

**Fig.S1** (a) XRD patterns of WO$_3$ and PANI-WO$_3$ and (b) TGA curves of PANI and PANI-WO$_3$. 
Fig. S2 FESEM images of (a) PANI, (b) PW10, (c) PW30 and (d) PW50.
Fig. S3 Transient resistances of sensors based on (a) PANI, (b) PW30 to 10-100 ppm TEA and (c) PANI, (d) PW30 to 2-8 ppm TEA at room temperature.