

## Supplementary Materials

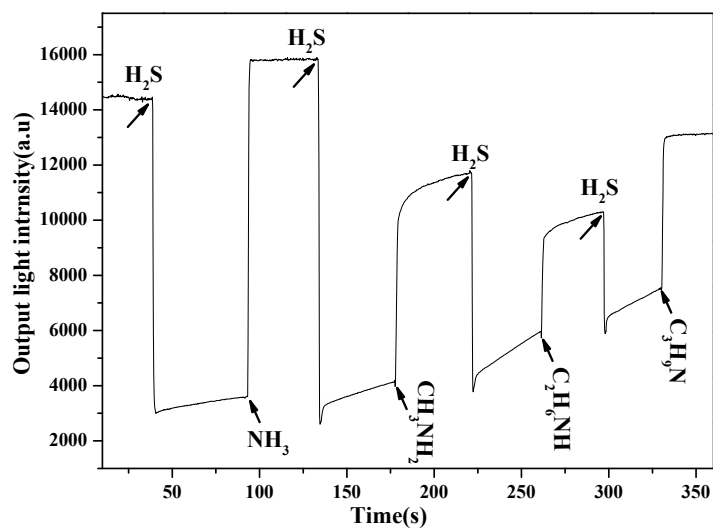


Figure S1. Response of protonated TPP thin film upon exposure to amine gases (100 ppm).