

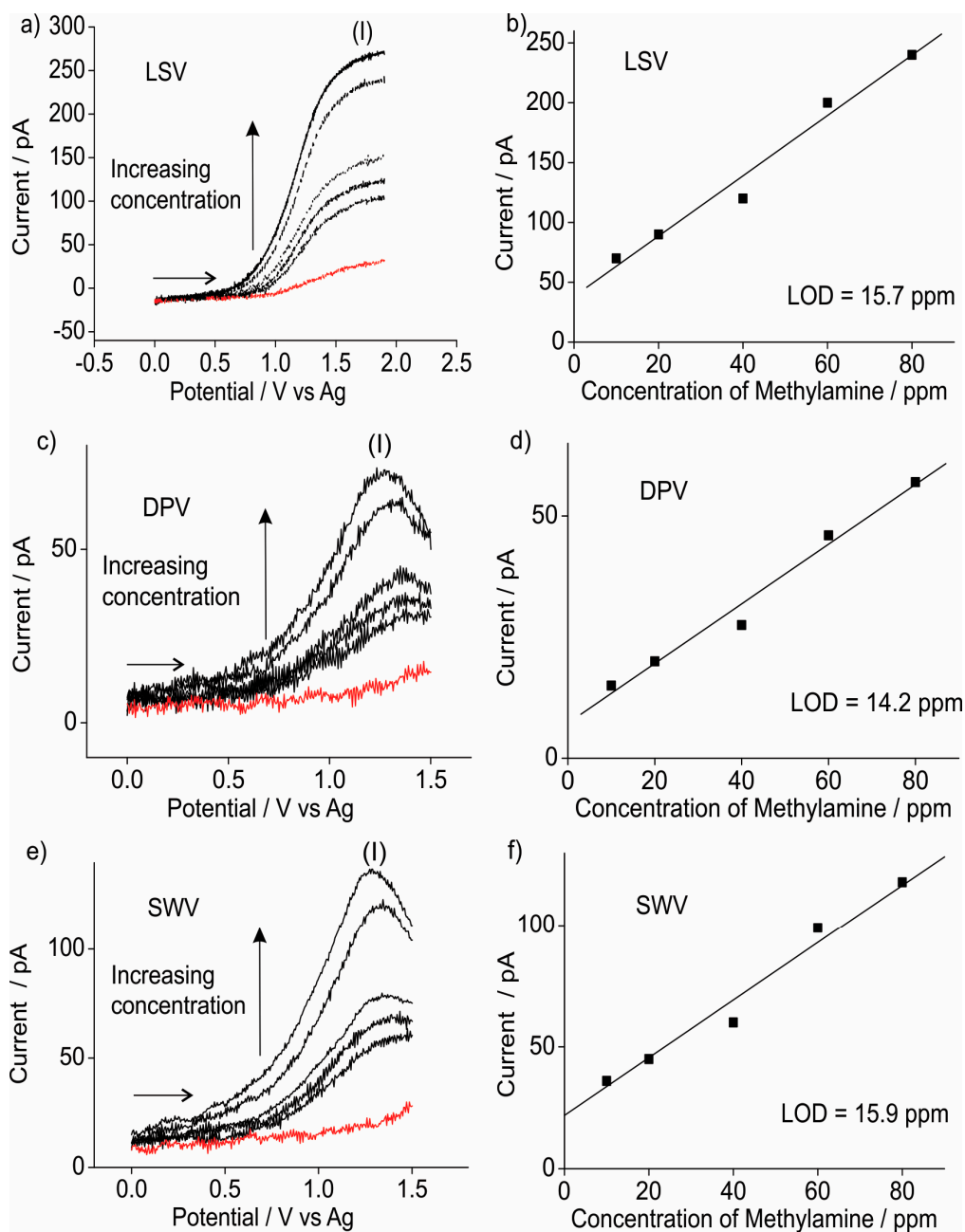
*Supplementary Information***Sensors for Highly Toxic Gases: Methylamine and Hydrogen Chloride Detection at Low Concentrations in an Ionic Liquid on Pt Screen Printed Electrodes. *Sensors* 2015, 15, 26866-26876****Krishnan Murugappan <sup>†</sup> and Debbie S. Silvester <sup>\*</sup>**

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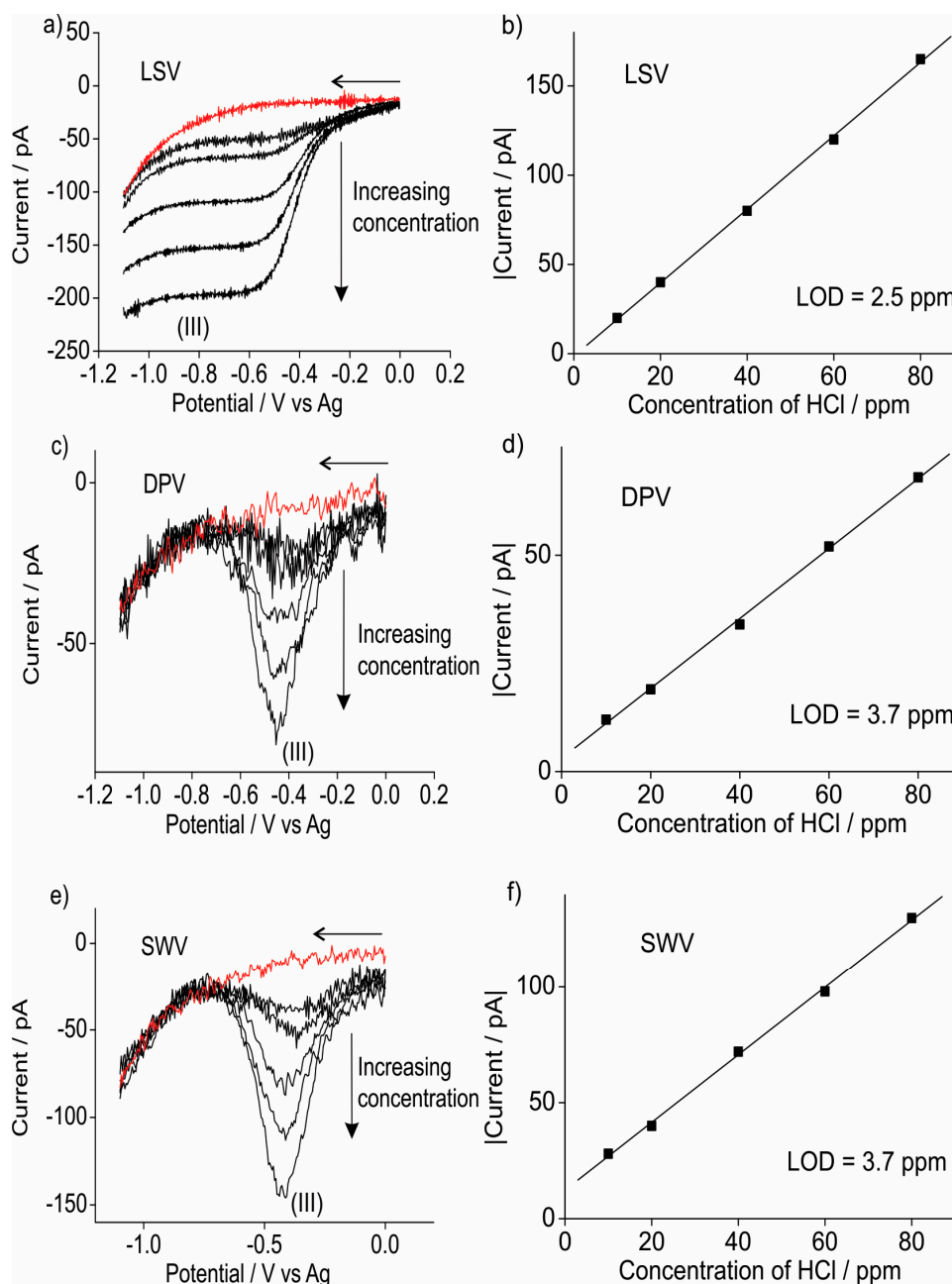
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**Figure S1.** (a) LSV, (c) DPV and (e) SWV for the oxidation of methylamine gas (10, 20, 40, 60 and 80 ppm in the gas phase) on a Pt microelectrode (radius 8.3  $\mu\text{m}$ ) in  $[\text{C}_2\text{mim}][\text{NTf}_2]$ . Dashed line is the response in the absence of methylamine gas. Calibration plot obtained for (b) LSV, (d) DPV and (f) SWV using the peak currents from (a,c,e).



**Figure S2.** (a) LSV, (c) DPV and (e) SWV for the reduction of protons (10, 20, 40, 60 and 80 ppm in the gas phase) on a Pt microelectrode (radius 8.3  $\mu\text{m}$ ) in  $[\text{C}_2\text{mim}][\text{NTf}_2]$ . Dashed line is the response in the absence of hydrogen chloride gas. Calibration plot obtained for (b) LSV, (d) DPV and (f) SWV using the peak currents from (a,c,e).