

Supplementary Material (ESI) for Chemical Communications  
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## Supporting Information

### Evidence of Tetraphenylporphyrin Monoacids by Ion-Transfer Voltammetry at Polarized Liquid|Liquid Interfaces

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### S1. Cyclic voltammetry of 50 $\mu\text{M}$ $\text{H}_2\text{TPP}$ at various scan rates

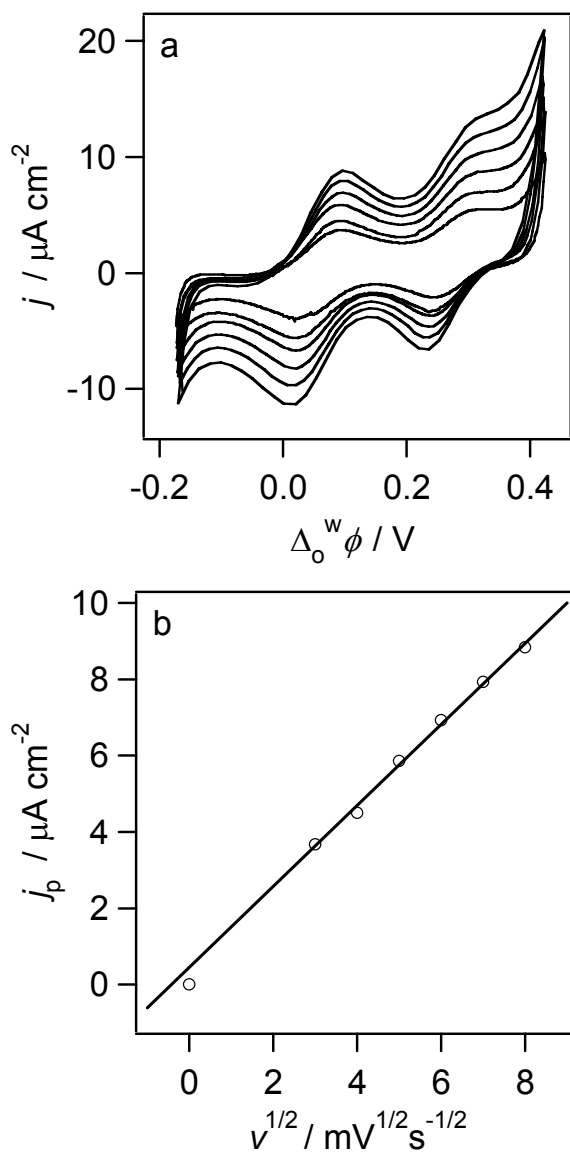


Figure S1. (a) CVs at various scan rates (9, 16, 25, 49 and 64 mV/s from inner to outer) for the interface between 5 mM BTTPATPFB + 50  $\mu\text{M}$   $\text{H}_2\text{TPP}$  in DCE and 10 mM LiCl + 100 mM HCl in water; (b) The first anodic peak current as a function of the square root of the scan rate.

## S2. Cyclic voltammetry at various concentrations of H<sub>2</sub>TPP

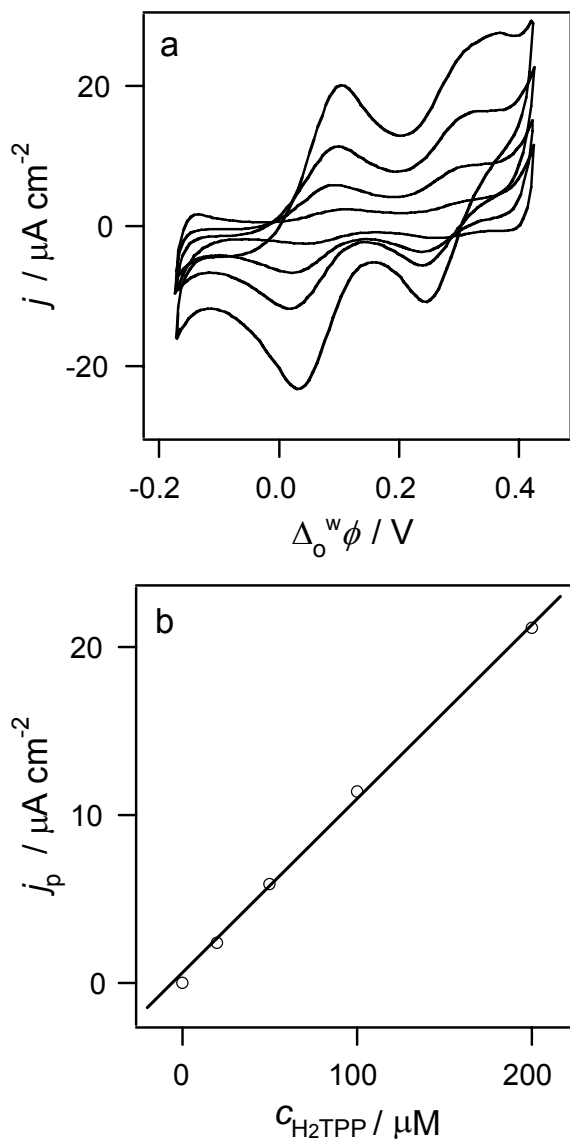


Figure S2. (a) CVs (25 mV/s) at various concentrations of H<sub>2</sub>TPP in DCE (20, 50, 100 and 200 μM, from inner to outer): 5 mM BTPPATPFB in DCE and 10 mM LiCl + 100 mM HCl in water; (b) The first anodic peak current as a function of H<sub>2</sub>TPP concentration.

### S3. Cyclic voltammetry of 50 $\mu\text{M}$ $\text{H}_2\text{TPP}$ at various pH

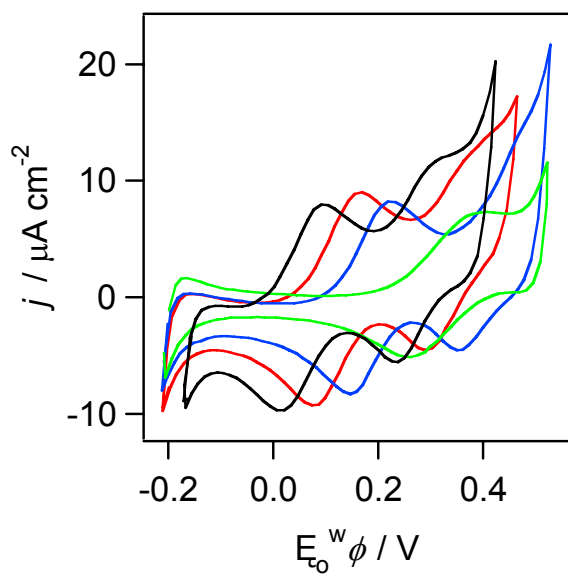


Figure S3. CVs (49 mV/s) at various aqueous pH (1, black; 2, red; 3, blue; 5, green); 5 mM BTPPATPFB in DCE and 10 mM LiCl in water, and the water phase acidified by HCl.