

Supporting Information for “Volatilisation of Ferrocene from Ionic Liquids: Kinetics and Mechanism”

Chaopeng Fu,¹ Dr. Leigh Aldous,¹ Edmund J. F. Dickinson,¹ Dr. Ninie S. A. Manan^{2,3} and Prof. Richard G. Compton^{1,}*

¹ Department of Chemistry, Physical and Theoretical Chemistry Laboratory, University of Oxford, South Parks Road, Oxford OX1 3QZ, United Kingdom

² School of Chemistry and Chemical Engineering, The QUILL Centre, Queen's University Belfast, Belfast BT9 5AG, United Kingdom

³ Department of Chemistry, Faculty of Science, University of Malaya, 50603, Kuala Lumpur, Malaysia

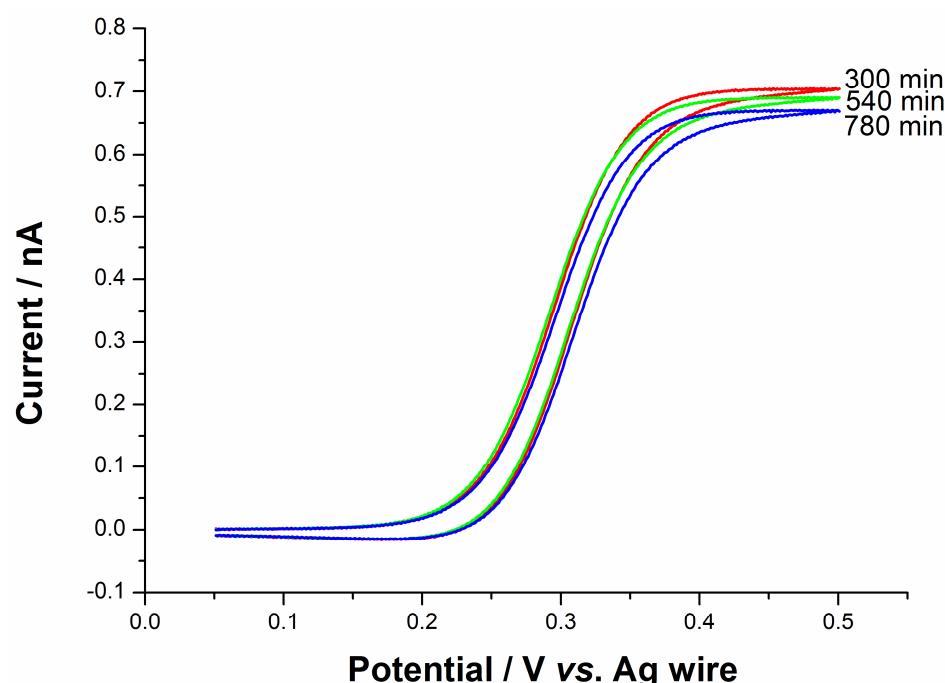


Figure S1 Cyclic voltammetry displaying the oxidation of ferrocene for 15 μL $[\text{C}_2\text{mim}][\text{NTf}_2]$ on a 10.2 μm platinum microelectrode at 298.15 K, after (a) 300, (b) 540 and (c) 780 min flow of dry nitrogen.

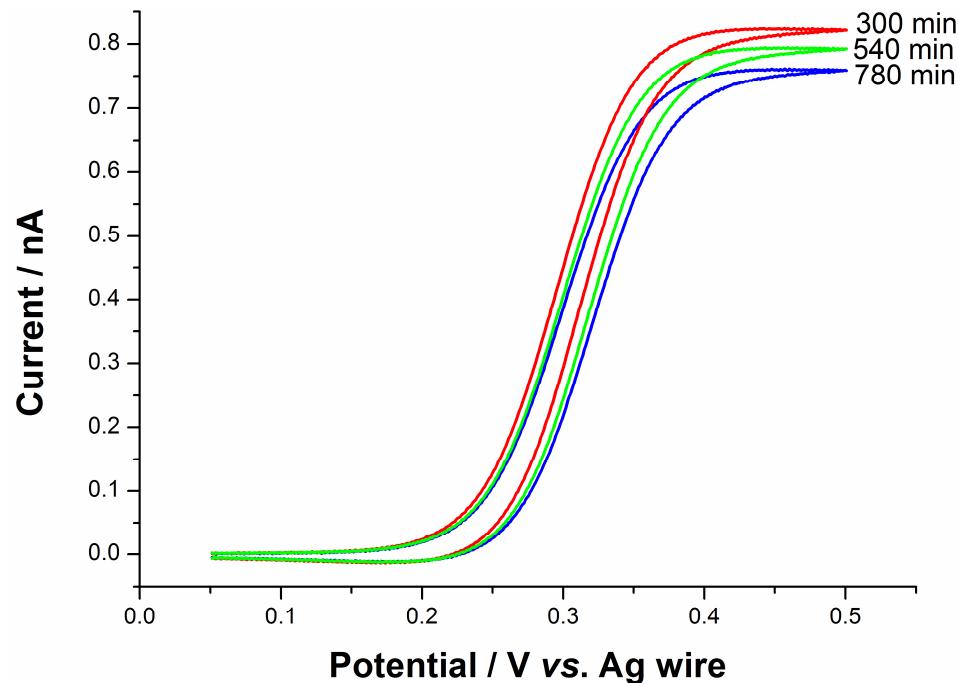


Figure S2 Cyclic voltammetry displaying the oxidation of ferrocene for 15 μL $[\text{C}_2\text{mim}][\text{NTf}_2]$ on a 10.2 μm platinum microelectrode at 302.15 K, after (a) 300, (b) 540 and (c) 780 min flow of dry nitrogen.

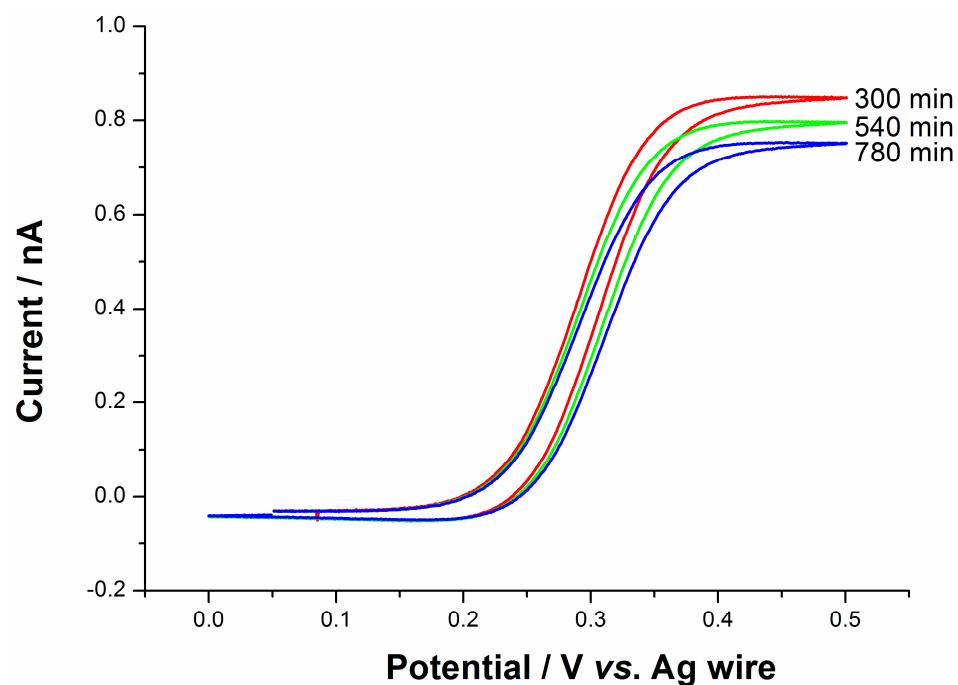


Figure S3 Cyclic voltammetry displaying the oxidation of ferrocene for 15 μL $[\text{C}_2\text{mim}][\text{NTf}_2]$ on a 10.2 μm platinum microelectrode at 306.15 K, after (a) 300, (b) 540 and (c) 780 min flow of dry nitrogen.

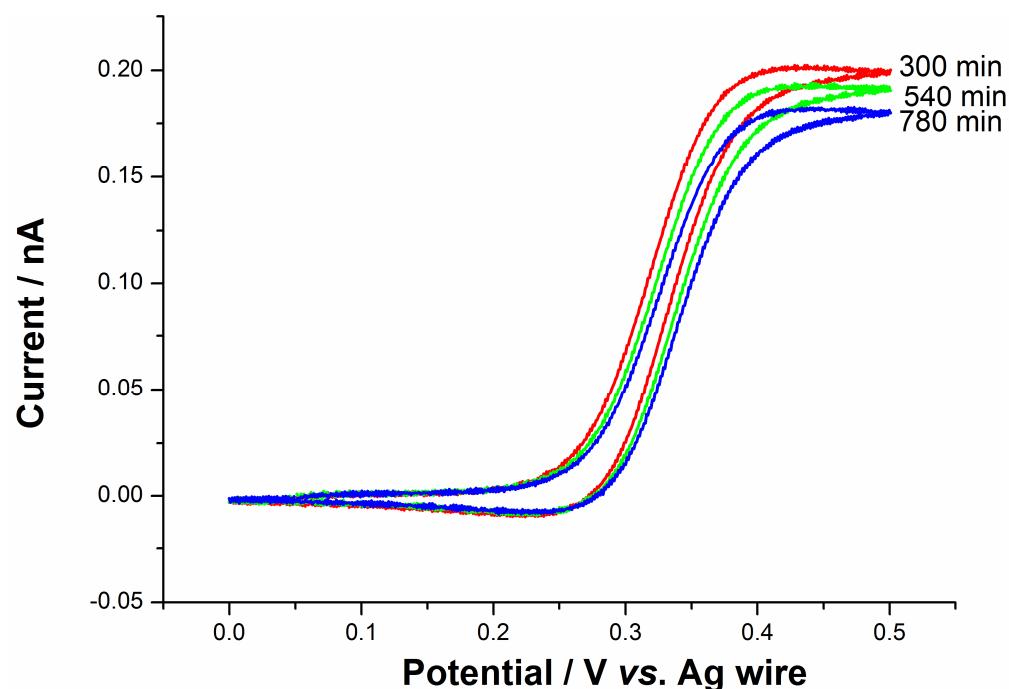


Figure S4 Cyclic voltammetry displaying the oxidation of ferrocene for 15 μL [C₄mim][BF₄] on a 10.2 μm platinum microelectrode at 298.15 K, after (a) 300, (b) 540 and (c) 780 min flow of dry nitrogen.

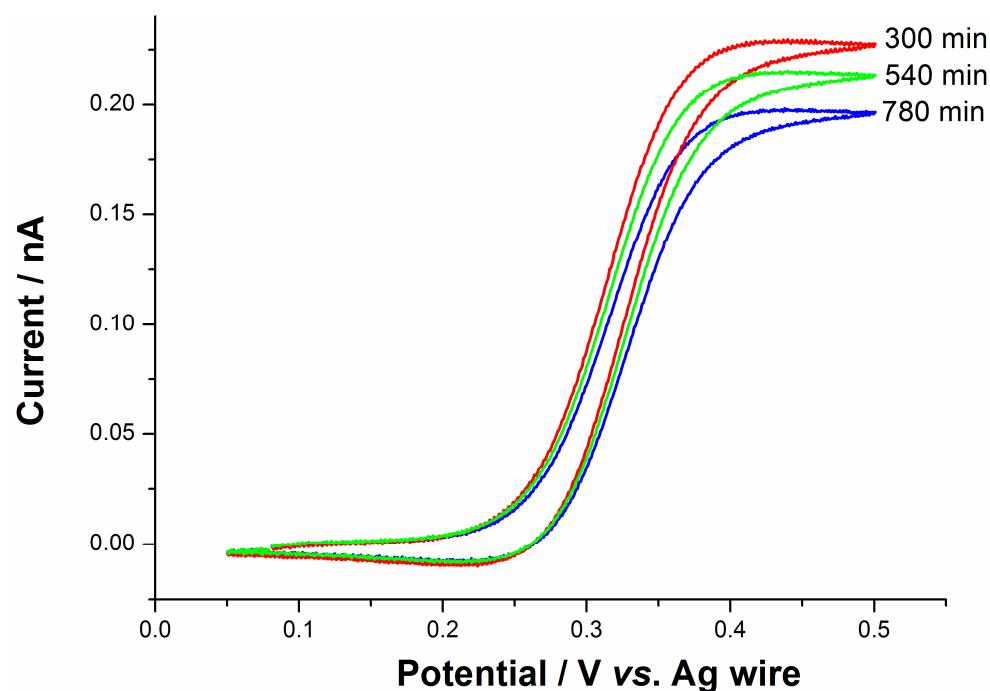


Figure S5 Cyclic voltammetry displaying the oxidation of ferrocene for 15 μL [C₄mim][BF₄] on a 10.2 μm platinum microelectrode at 302.15 K, after (a) 300, (b) 540 and (c) 780 min flow of dry nitrogen.

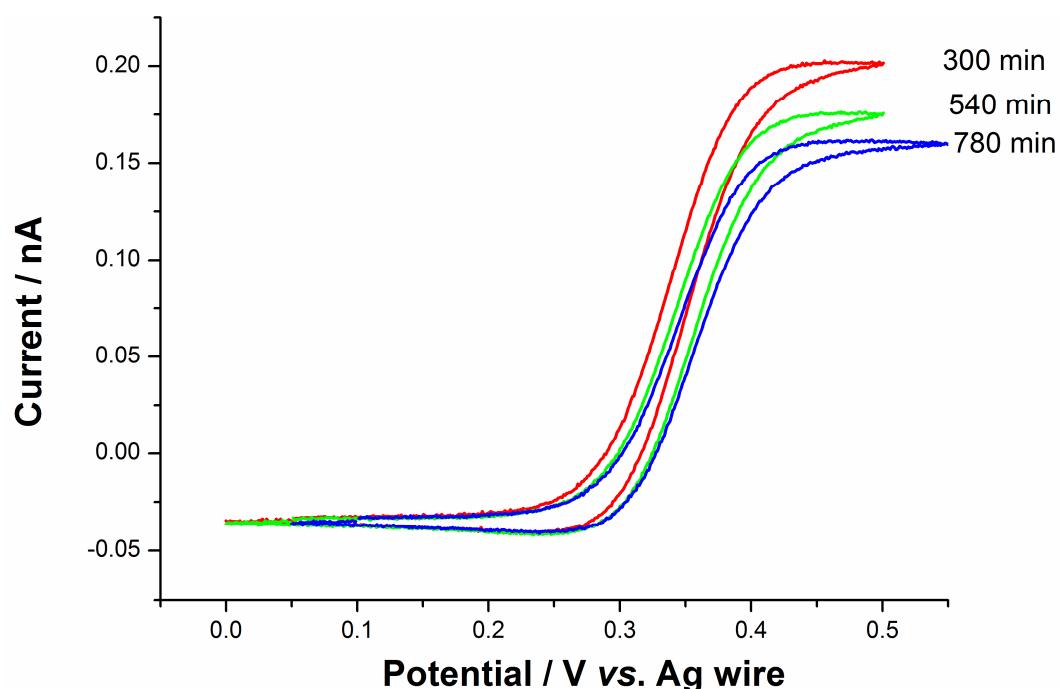


Figure S6 Cyclic voltammetry displaying the oxidation of ferrocene for 15 μL [C₄mim][BF₄] on a 10.2 μm platinum microelectrode at 306.15 K, after (a) 300, (b) 540 and (c) 780 min flow of dry nitrogen.

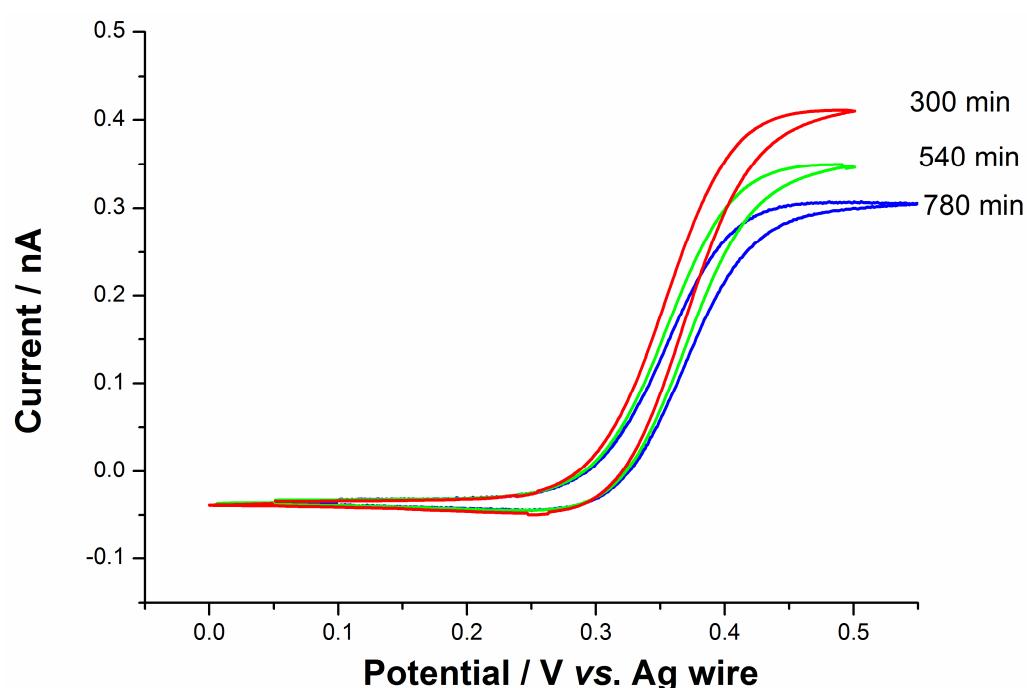


Figure S7 Cyclic voltammetry displaying the oxidation of ferrocene for 15 μL [C₄mim][BF₄] on a 10.2 μm platinum microelectrode at 306.15 K, after (a) 300, (b) 540 and (c) 780 min flow of dry nitrogen.