

Electronic Supporting Information

Figure S1

De-convoluted XPS spectra obtained for the GSPE1 for surface carbon species (C1s – A) and surface oxygen species (O1s – B).

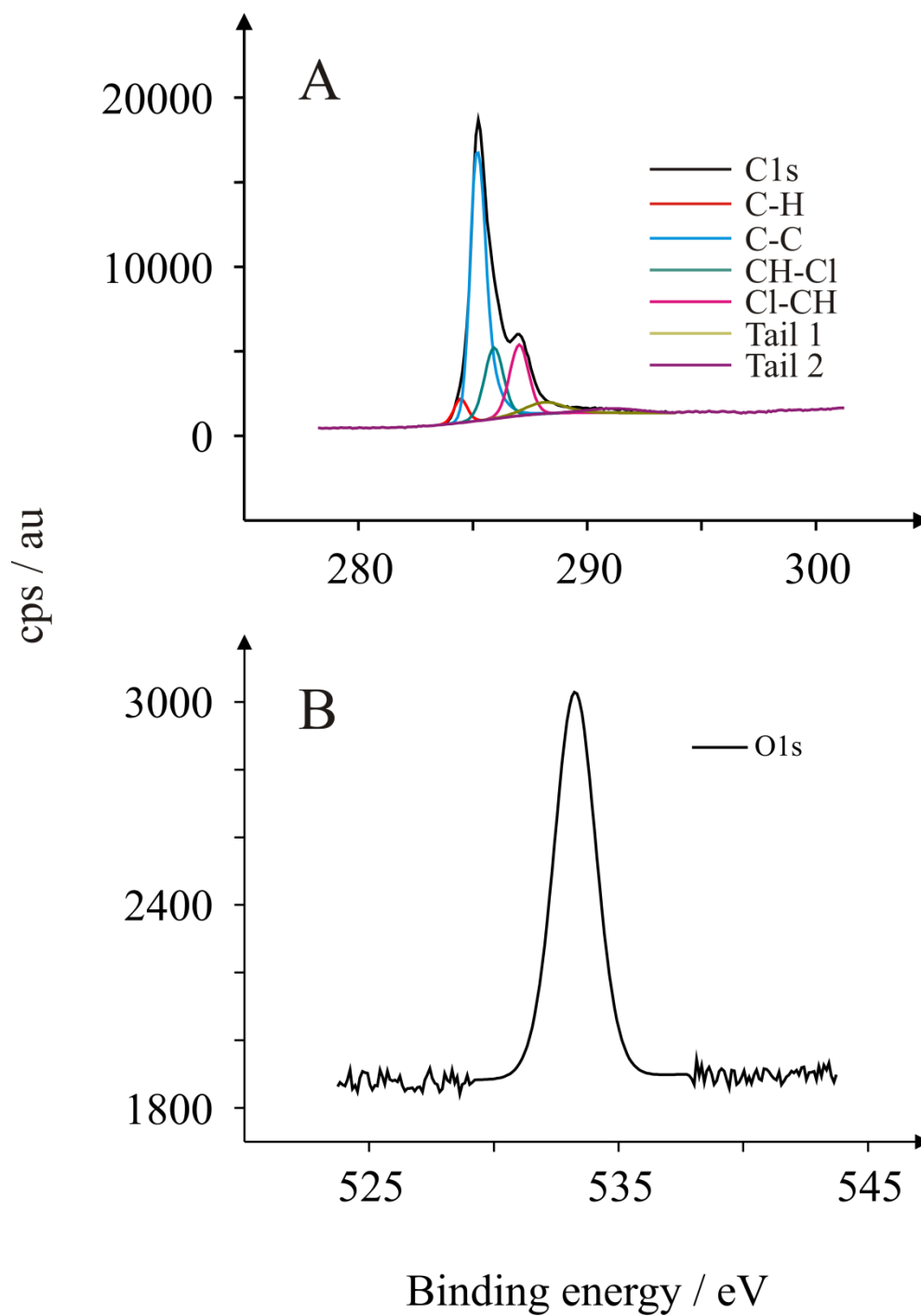


Figure S2

De-convoluted XPS spectra obtained for the GSPE2 for surface carbon species (C1s – A) and surface oxygen species (O1s – B).

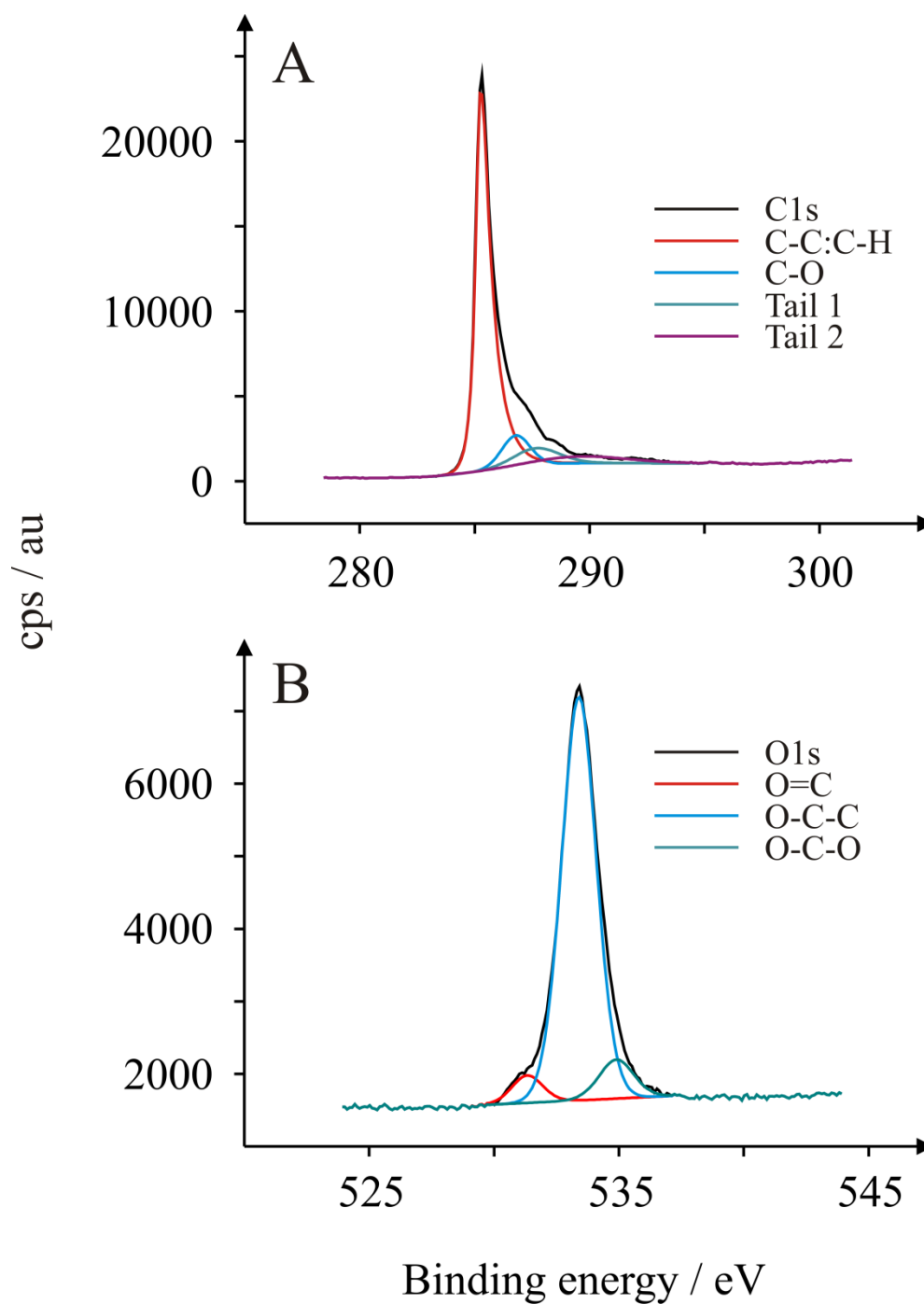


Figure S3

ATR spectra obtained for the as-received 'wet' graphene inks utilised in the screen-printing process: GSPE1 (black); and GSPE2 (red).

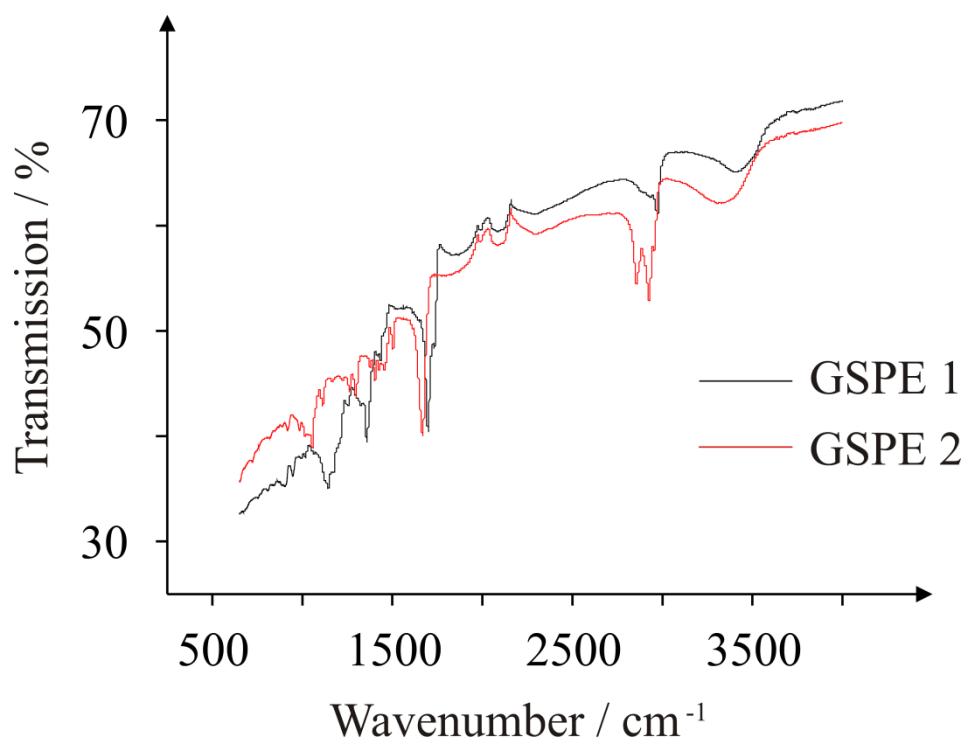


Figure S4

Cyclic voltammograms depicting the capacitive behaviour of ESPE (black), BSPE (red), GSPE1 (green), and GSPE2 (blue) in 1 M Na₂SO₄ at 100 mV s⁻¹.

