

SI Fig. 1 Results of analysis of the synthesised AFRV by (a) NMR and (b) FT-ICR-MS in positive ion mode.

SI Fig. 2 Results of analysis of the synthesised AREG by (a) NMR and (b) FT-ICR-MS in positive ion mode.

SI Fig 3 Results of analysis of the synthesised AVFA by (a) NMR and (b) FT-ICR-MS in positive ion mode.

SI Fig. 4 Results of analysis of the synthesised 1, 4-naphthoquinon-2-yl-AFRV (Nap-AFRV) by (a) NMR and (b) FT-ICR-MS in positive ion mode.

SI Fig. 5 Results of analysis of the synthesised Nap-AREG by (a) NMR and (b) FT-ICR-MS in positive ion mode.

SI Fig 6 Results of analysis of the synthesised Nap-AVFA by (a) NMR and (b) FT-ICR-MS in positive ion mode.