Oxidized Aromatic-Aliphatic Mixed Films at the Air-Aqueous Solution Interface

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SUPPLEMENTAL INFORMATION

Figure S1: π-A isotherms of 0.01M aqueous solutions of benzoic acid (black) and benzaldehyde (red)
Figure S2: Snapshots of the MD simulations of benzaldehyde (A) and benzoic acid (B) solutions only at the water surface after 10 ns. The benzoic acid and benzaldehyde molecules are primarily located at the water/air interface, corroborating with the surface partitioning observed in isotherms.
Figure S3: Benzaldehyde (0.002M) – stearic acid isotherm cycles (only compression isotherm shown). Cycle (1) – (3) are indicated – after cycle (3), an IRRAS spectrum was taken (Fig. 2 of main text)