

## Supporting Information

### **Efficient removal of both basic and non-basic nitrogen compounds from fuels by deep eutectic solvents**

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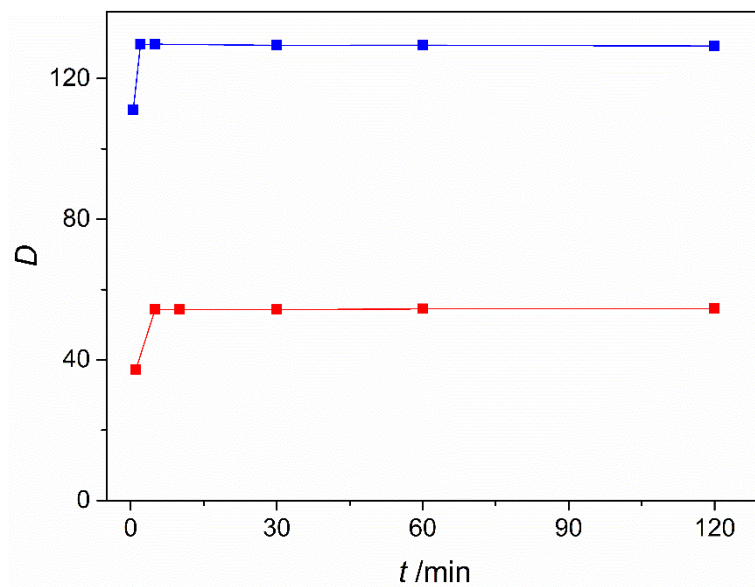
Fig. S1 Effect of shaking time on the distribution coefficients of pyridine and carbazole by DES3 at 308 K and 1:1 DES:oil mass ratio

Fig. S2 Optimized geometries of HBD molecules and anions used for the calculation of proton dissociation enthalpy

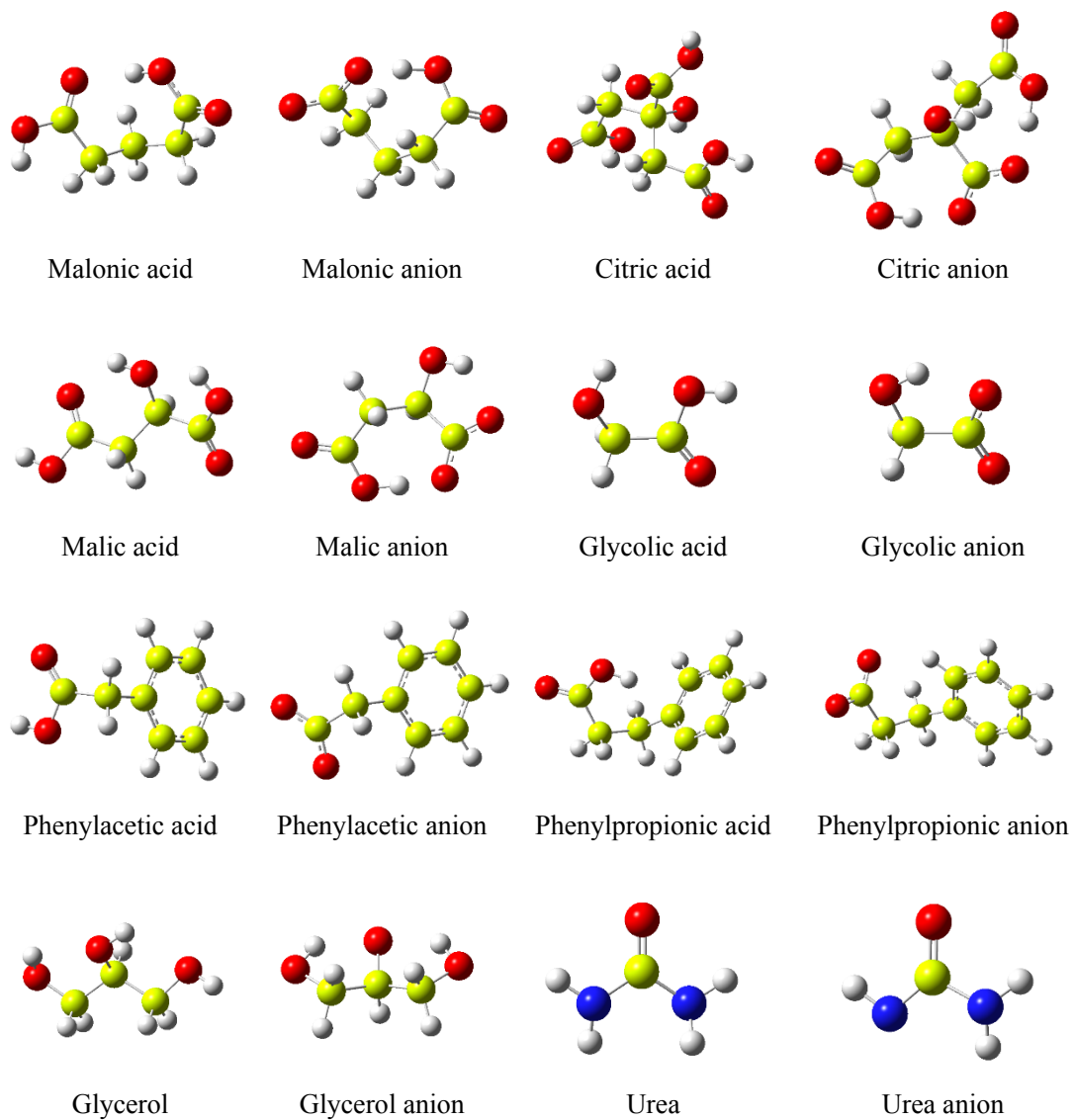
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**Fig. S1** Effect of shaking time on the distribution coefficients of pyridine (blue) and carbazole (red) by DES3 at 308 K and 1:1 DES:oil mass ratio



**Fig. S2** Optimized geometries of HBD molecules and anions used for the calculation of proton dissociation enthalpy