

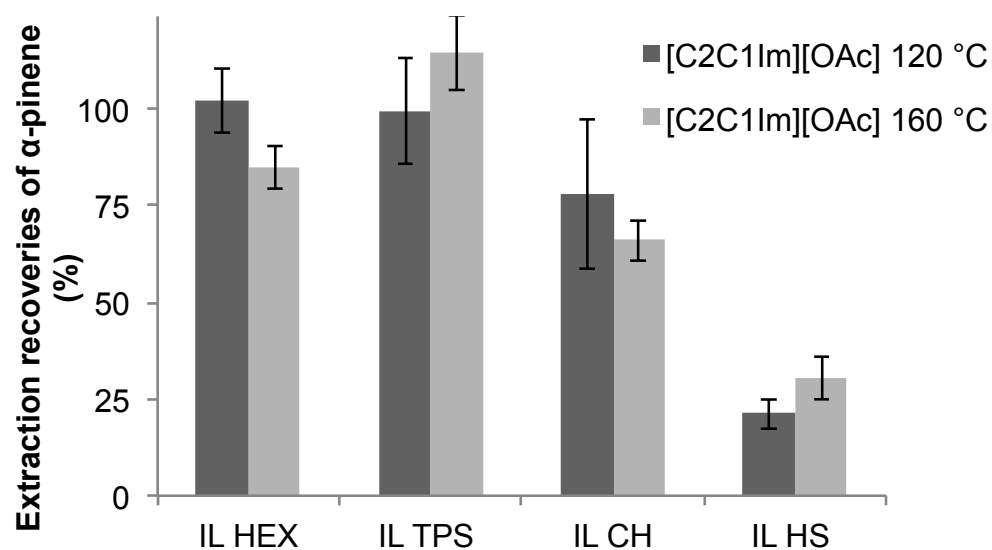


Fig S1 The extraction efficiency of α-pinene using ionic liquid based hexane (IL-HEX), two phase system (IL-TPS), solid-phase trapping on charcoal (IL-CH), head space (IL-HS) extraction methods at 120 and 160 °C.

Tab S1 Linear calibration curves by GC/MS quantification of α -pinene using different IL $[\text{C}_2\text{C}_1\text{Im}][\text{OAc}]$ based extraction methods varying the α -pinene extraction procedures **(a)** IL hexane extraction (IL-HEX) **(b)** (IL two phase solvent extraction (IL-TPS), **(c)** solid-phase trapping on charcoal (IL-CH) **(d)** IL head space extraction (IL-HS).

