

Spectroscopic, Thermal and Mass Spectrometry Investigations of Mechanochemically Synthesized Deep Eutectic Solvents

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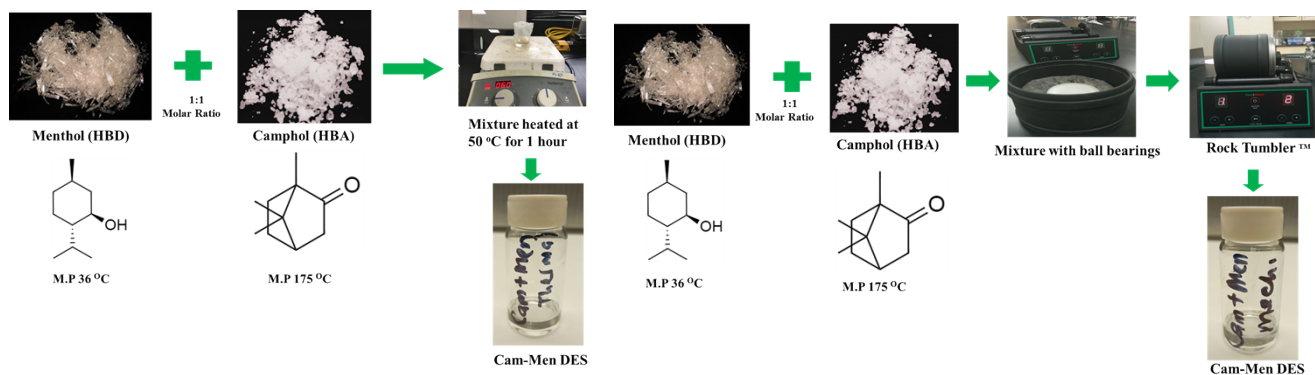


Figure S1. Preparation of Camphor-Menthol by thermal method (left), and mechanochemical method (right).

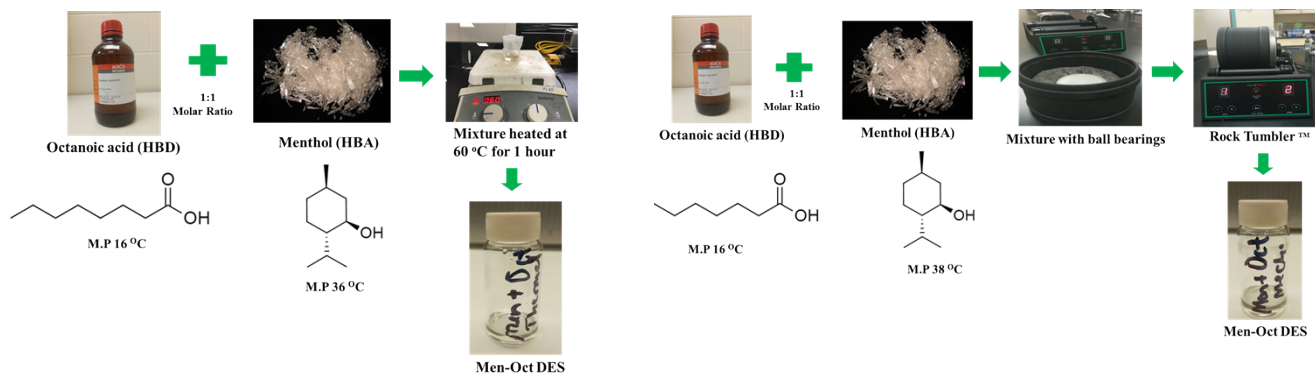


Figure S2. Preparation of Men-Oct DES by Thermal Method (left), and Mechanochemical Method (right)

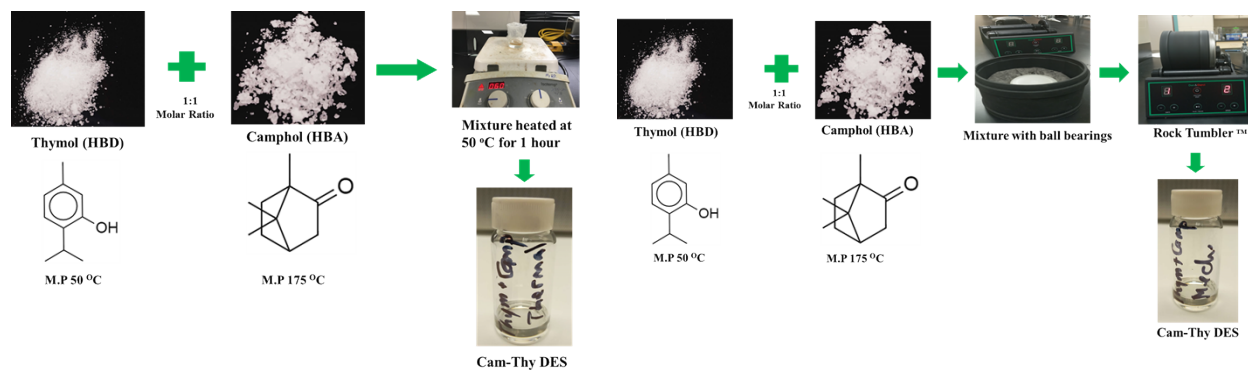


Figure S3. Preparation of Cam-Thy DES by Thermal Method (left), and Mechanochemical method (right)

Figure S4: ^1H NMR spectra of menthol (red), octanoic acid (green), the mechanochemically prepared DES (1:1 menthol:octanoic acid, blue), and the thermally prepared DES (1:1 menthol:octanoic acid in black), recorded in DMSO-d_6 at 298.1 K (^1H , 400 MHz). Chemical shift range: 5.0 to 2.5 ppm.

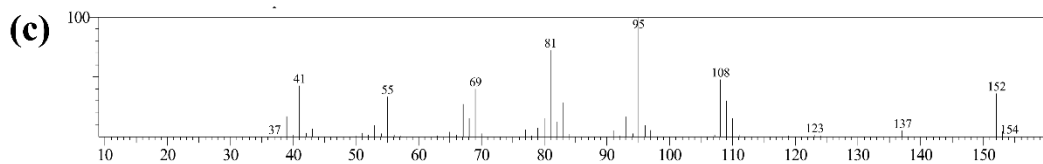
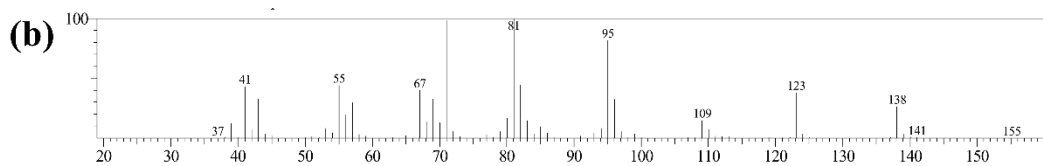
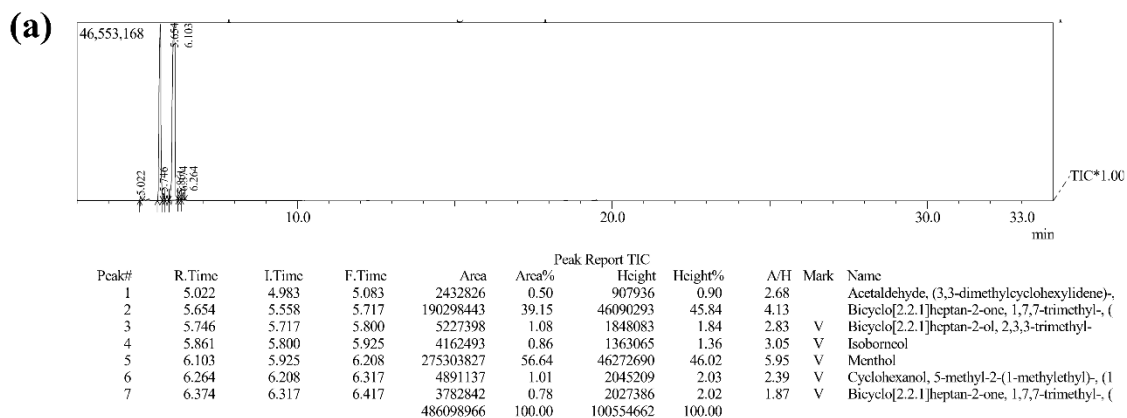


Figure S5. GC-MS spectrums of Thermally Prepared Men-Cam DES.

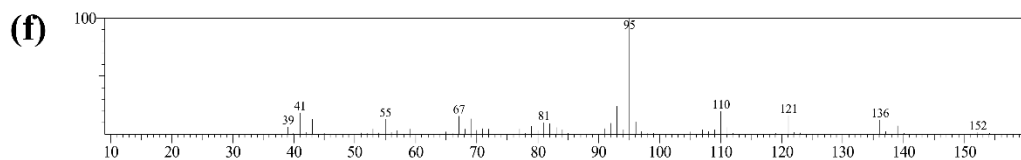
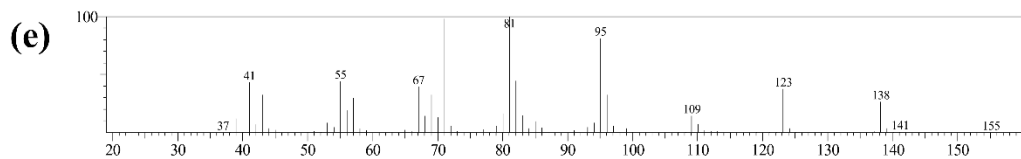
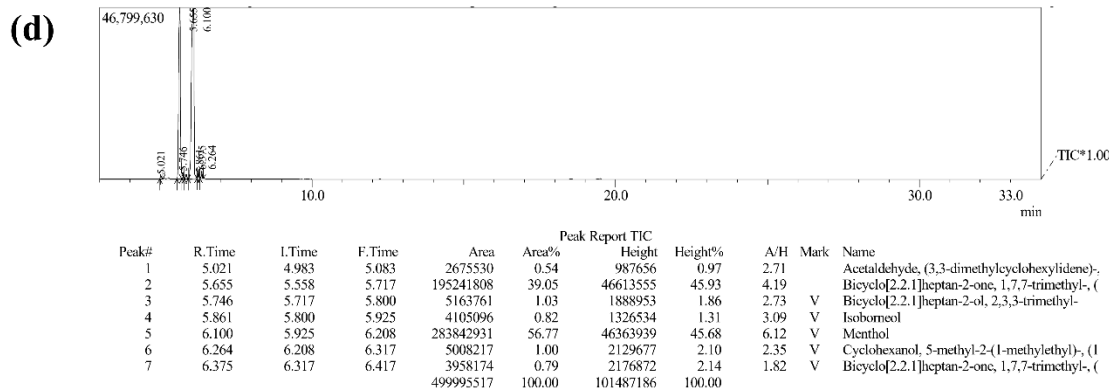


Figure S6. GC-MS spectrums of Mechanochemically Prepared Men-Cam DES.

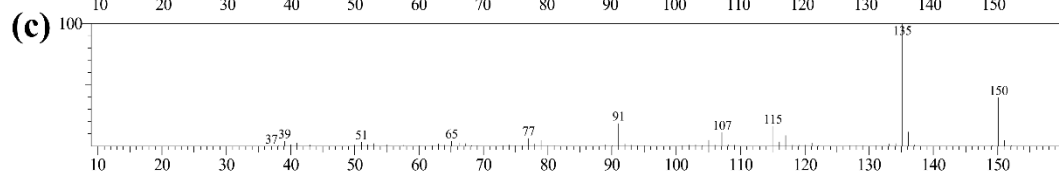
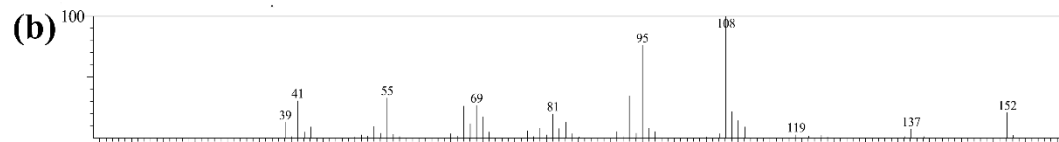
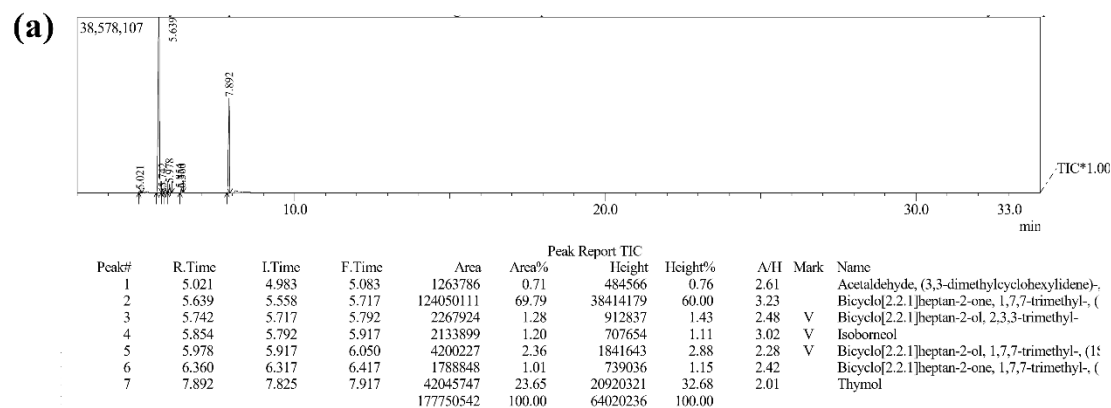


Figure S7. GC-MS spectrums of Thermally Prepared Thy-Cam DES.

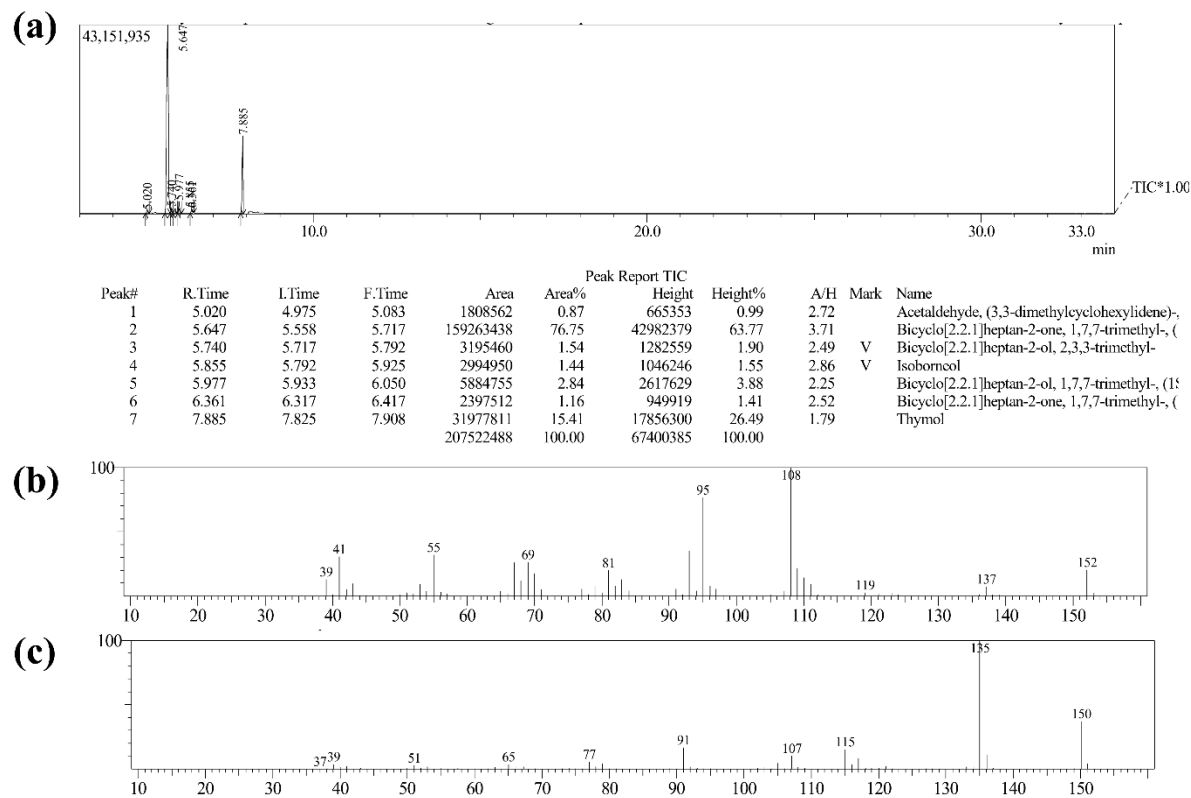


Figure S8. GC-MS spectrums of Mechanochemically Prepared Thy-Cam DES.