Synthesis of high-density and low-freezing-point jet fuel using lignocellulose-derived isophorone and furanic aldehydes

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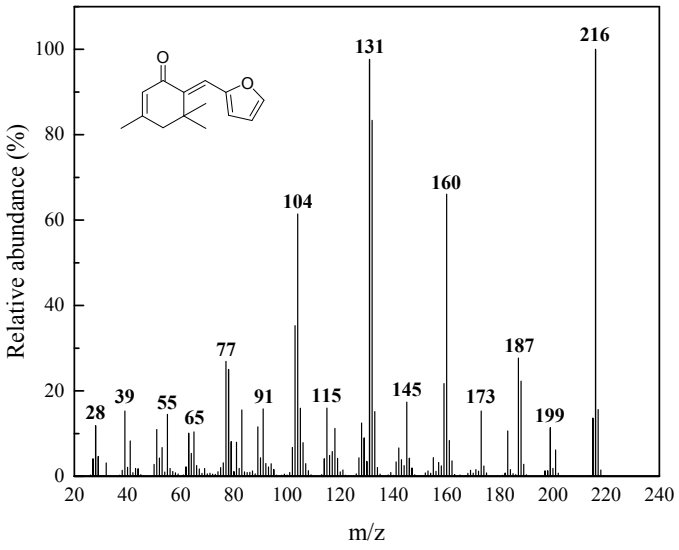

Figure S1. Mass spectra of 6-(2-furanylmethylene)-3,5,5-trimethyl-2-cyclohexen-1-one.

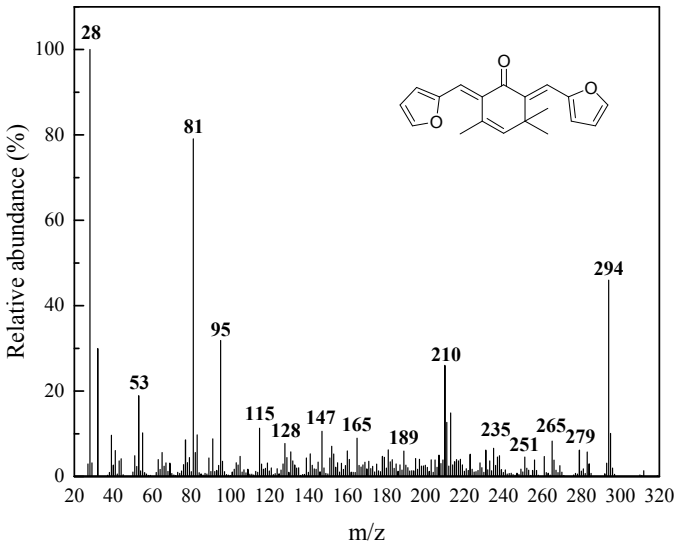

Figure S2. Mass spectra of 2,6-bis(2-furanylmethylene)-3,5,5-trimethyl-3-cyclohexen-1-one.

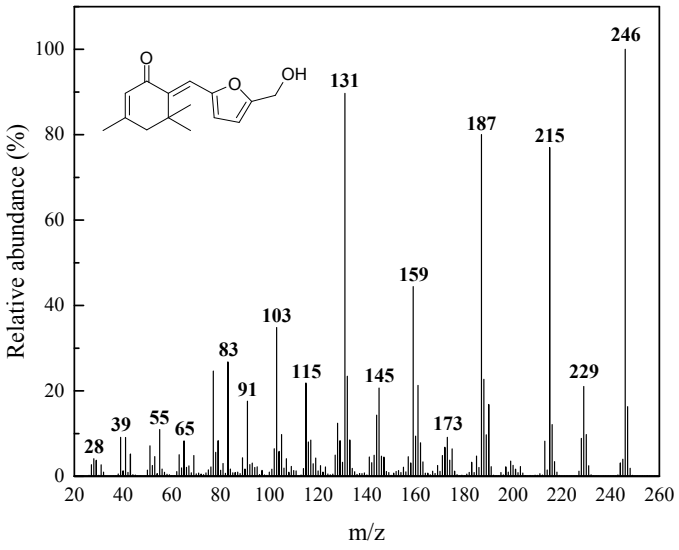

Figure S3. Mass spectra of 6-(5-hydroxymethyl-2-furylmethylidene)-3,5,5-trimethyl-2-cyclohexen-1-one.

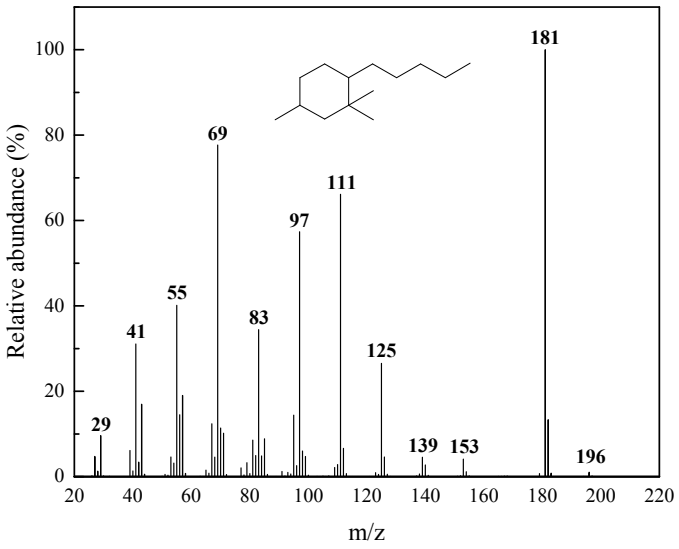

Figure S4. Mass spectra of 1,1,5-trimethyl-2-pentyl-cyclohexane.

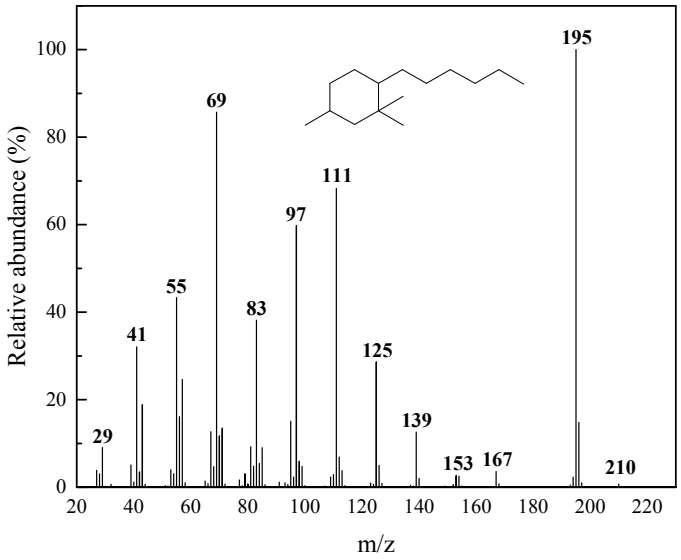

Figure S5. Mass spectra of 1,1,5-trimethyl-2-hexyl-cyclohexane.