## **Supporting informations**

## Biodiesel Production from Rapeseed Oil and Low Free Fatty Acids Waste Cooking Oil using Cesium Modified Natural Phosphate Catalyst

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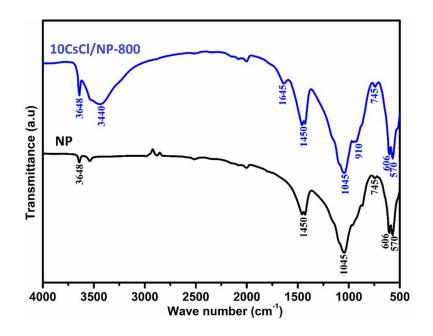


Figure S1 FTIR of NP and 10CsCl/NP-800.

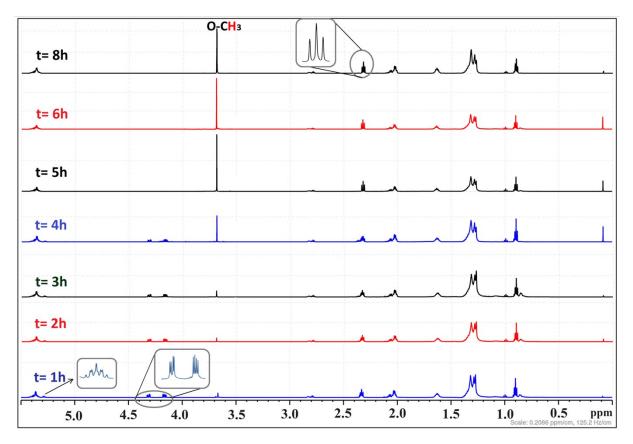


Figure S2 <sup>1</sup>H-NMR spectra of the biodiesel samples withdrawn at different interval of time.

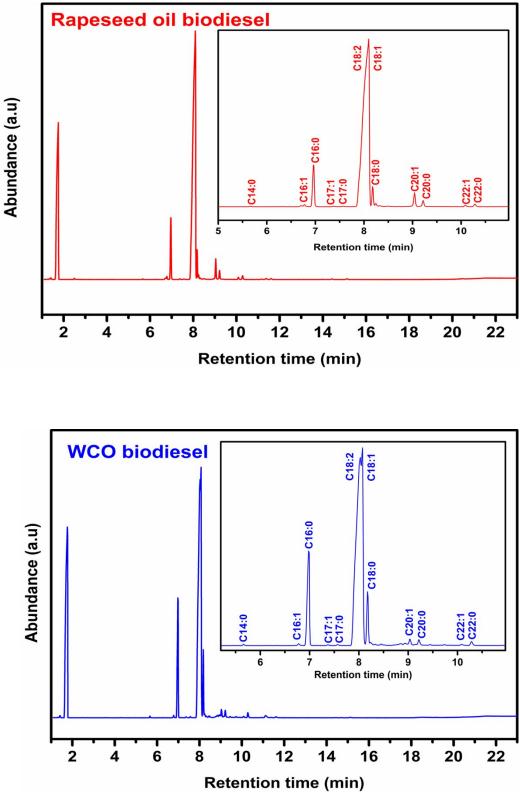


Figure S3 GC-MS chromatogram of rapeseed oil biodiesel.

Figure S4 GC-MS chromatogram of WCO biodiesel.