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# Process analysis of hydrothermal carbonization of corn Stover with subcritical H<sub>2</sub>O

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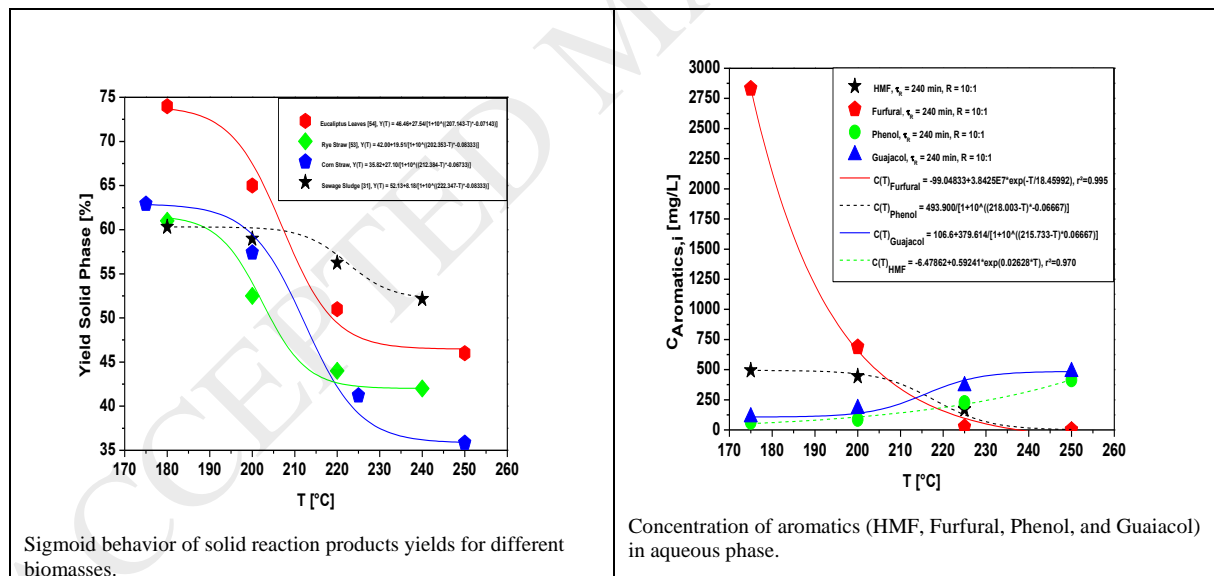
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## GRAPHICAL ABSTRACT



## HIGHLIGHTS

- Corn Stover HTC studied in pilot scale within 175-250°C, 240 min, biomass/H<sub>2</sub>O of 1:10;
- Solid yields increase with temperature showing an inflection region between 200-225°C;
- Furfural and HMF concentrations decrease exponentially, being not detectable at 250°C;

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