Supporting Information

Industrial Scale Direct Liquefaction of *Eucalyptus* Biomass

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600

1100

1600

2100

2600

3100

3600

Absorvância

Número de Onda (cm

-

1

)

Xylitol

Xylose

Trehalose

Sorbose

Ribose

Rhamnose

Mannose

HMF

Glucose

Galactose

Furfural

Fructose

Cellobiose

Arabinose

Acid

Succinic

Acid

Lactic

Acid

Levullinic

*S1: FTIR Spectrum of Sugars Standards.*

A graph showing the temperature of a plant

Description automatically generated

*S2: TG/DTG/DSC of glucose.*

A graph showing the temperature of a pc

Description automatically generated

*S3: Curva de TG/DTG/DSC of furfural.*

A diagram of a temperature

Description automatically generated

*S4: TG/DTG/DSC of lactic acid.*

A graph of a temperature

Description automatically generated

*S5: TG/DTG/DSC of Levullinic acid.*

A diagram of a temperature diagram

Description automatically generated

*S6: TG/DTG/DSC of cellobiose.*

A diagram of a graph showing the temperature

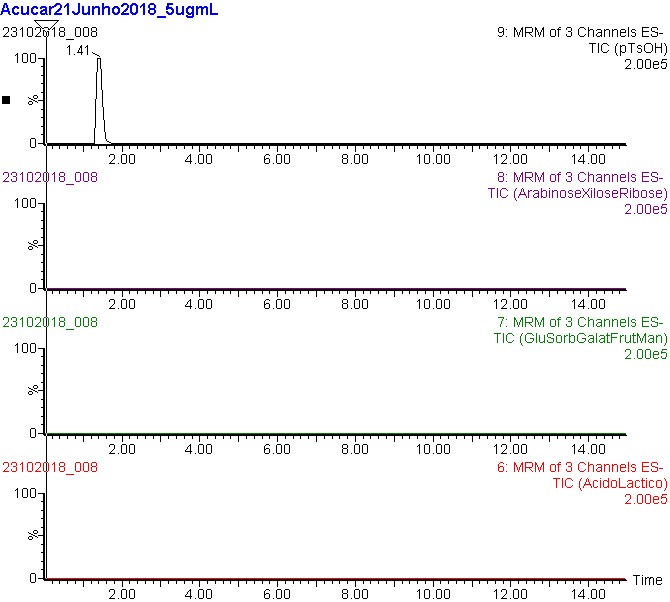
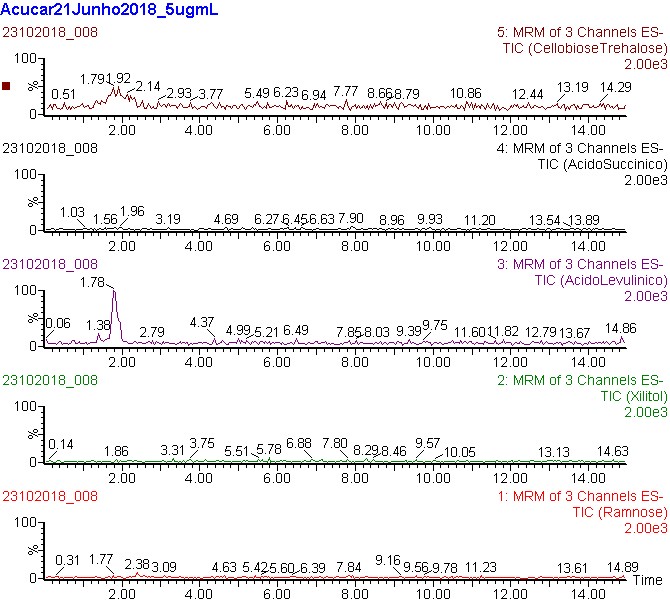
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*S7: TG/DTG/DSC of Succinic Acid.*

A screen shot of a computer

Description automatically generated

*S8: Mass spectrum of the sugar solution from the third reaction by direct infusion: cone 20V (left) and 50V (right).*



*S9: HPLC Chromatogram for all standards sugars (TIC - Total Ion Count).*