

*Supplementary Material*

# **Biodiesel Processing Using Sodium and Potassium Geopolymer Powders as Heterogeneous Catalysts**

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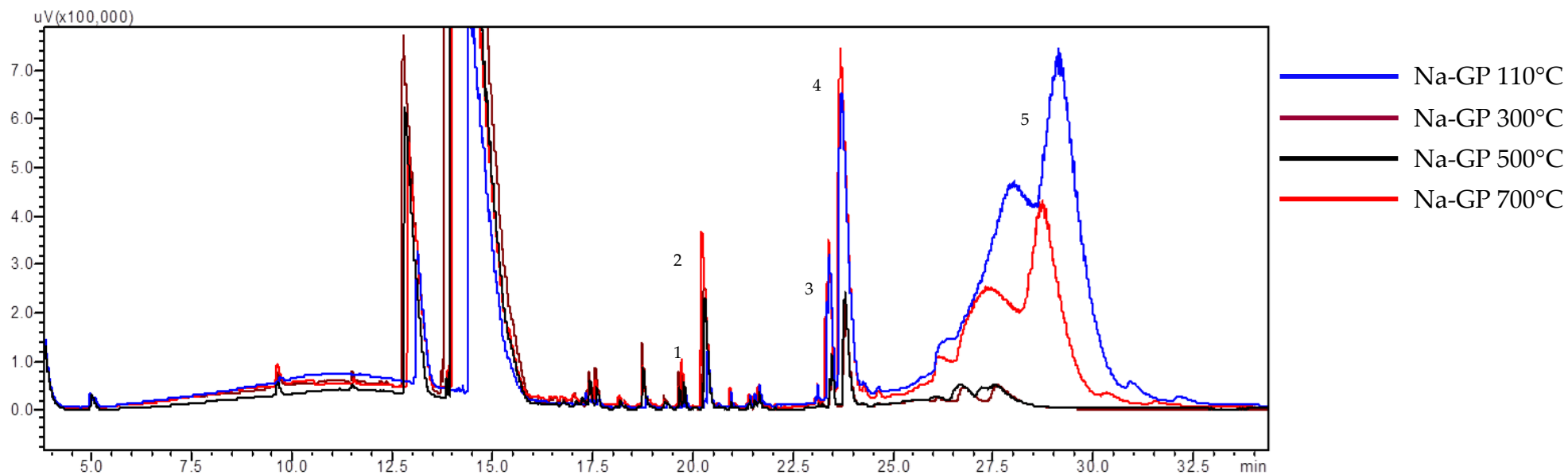
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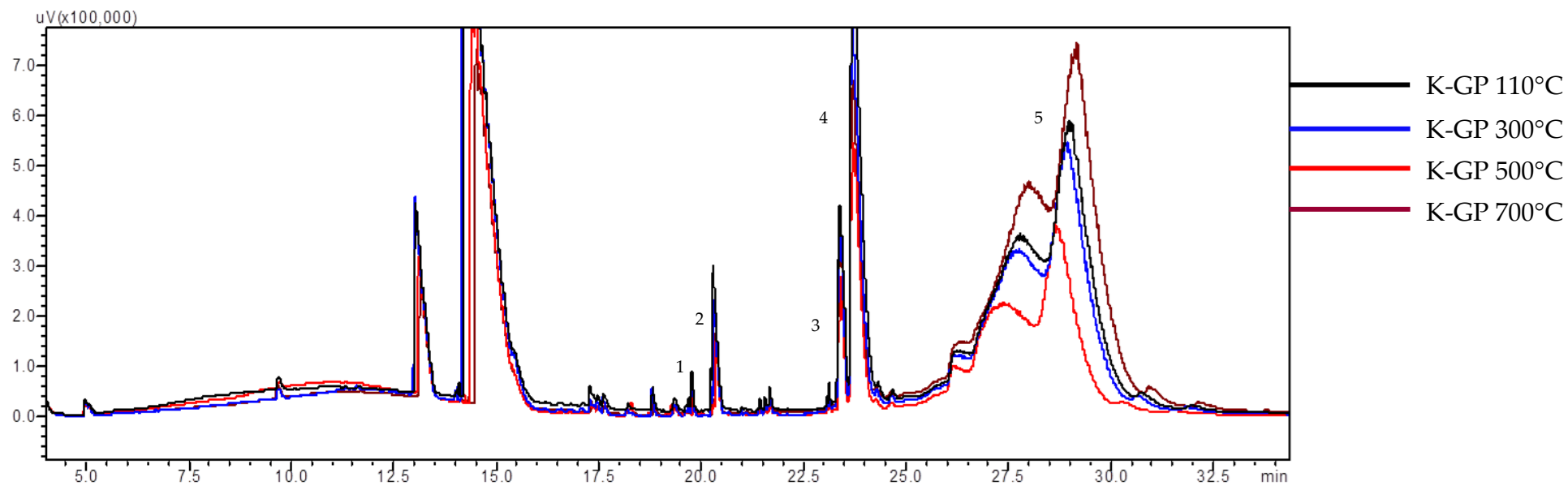
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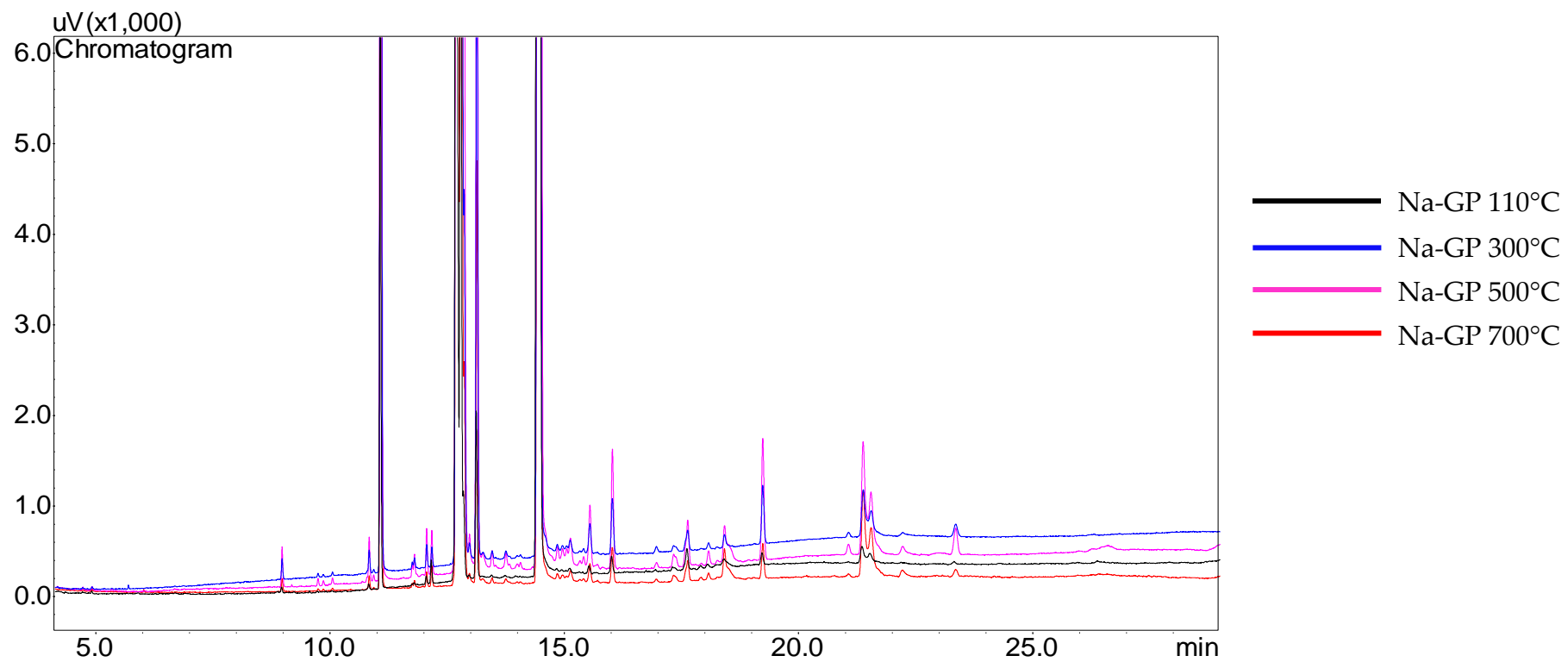
**Figure S1.** Chromatogram profiles of Mono (1 and 2); Di (3 and 4); Triglycerides (5) obtained through ABNT NBR 15908 in biodiesel yields with sodium geopolymers treated at different temperatures.



**Figure S2.** Chromatogram profiles of Mono (1 and 2); Di (3 and 4); Triglycerides (5) obtained through ABNT NBR 15908 in biodiesel yields with potassium geopolymer powders treated at different temperatures.



**Figure S3.** Chromatogram profile of biodiesel (FAMES) obtained through EN 14103 using with sodium geopolymer powders treated at different temperatures.



**Figure S4.** Chromatogram profile of biodiesel (FAMES) obtained through EN 14103 using with potassium geopolymer powders treated at different temperatures.

