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Introducing the Novel Mixed Gaussian-Lorentzian Lineshape in the Analysis of the Raman Signal of Biochar

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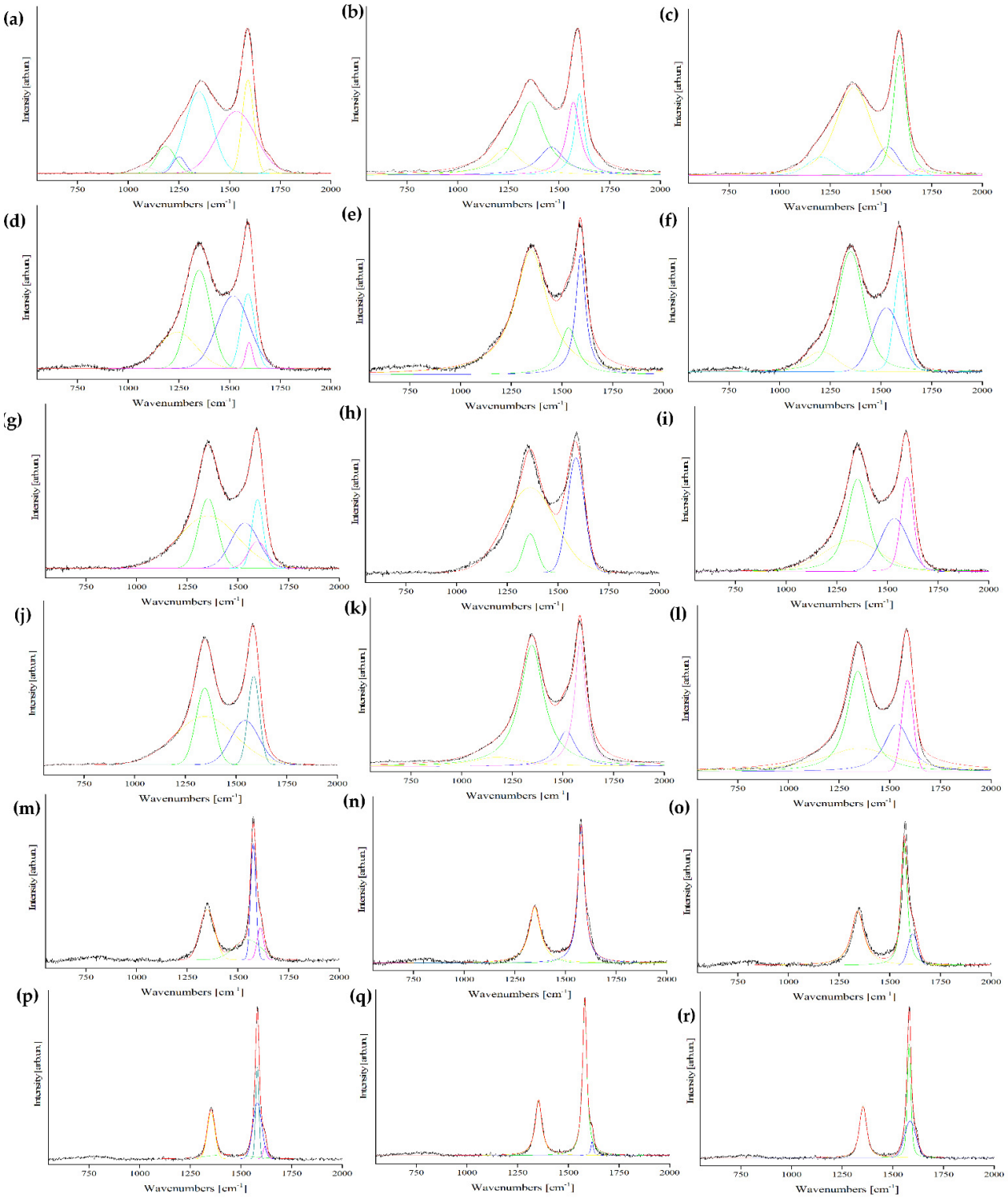

Figure S1. Raman spectra and related fit using respectively I_{Gau}, I_{Lor} and Voigt functions of a-c) OSR550, d-f) OSR900, g-i) OSR1100, j-l) OSR 1300, m-o) OSR1500 and p-r) OSR 2200. Original Raman spectra are reported in black, the fitted Raman spectra are reported in red.

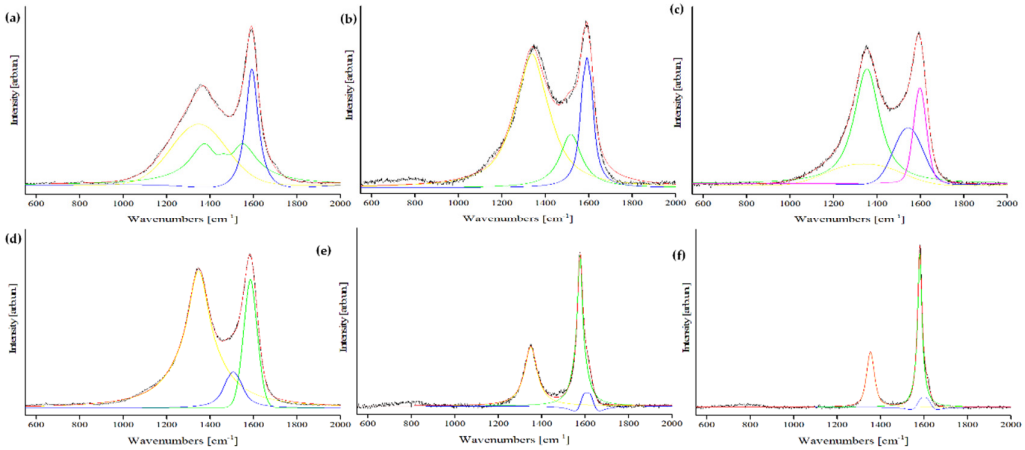

Figure S2. Raman spectra and related fit using respectively pseudo-Voigt functions of a) OSR550, b) OSR900, c) OSR1100, d) OSR 1300, e) OSR1500 and f) OSR 2200. Original Raman spectra are reported in black, the fitted Raman spectra are reported in red.