**Supplementary Figure 1.** PC-DFA plot on HT FT-IR spectra for the three repeat experiments of the mixtures from the three types of milk. PCs 1–20 (accounting for 99.45% of the total variance) were used by the DFA algorithm with a priori knowledge of machine replicates (i.e., one class per time point, giving 63 classes in total). The numbers \([c, g, s]\) refer to the level of cow, goat and sheep milk in the tertiary mixture.