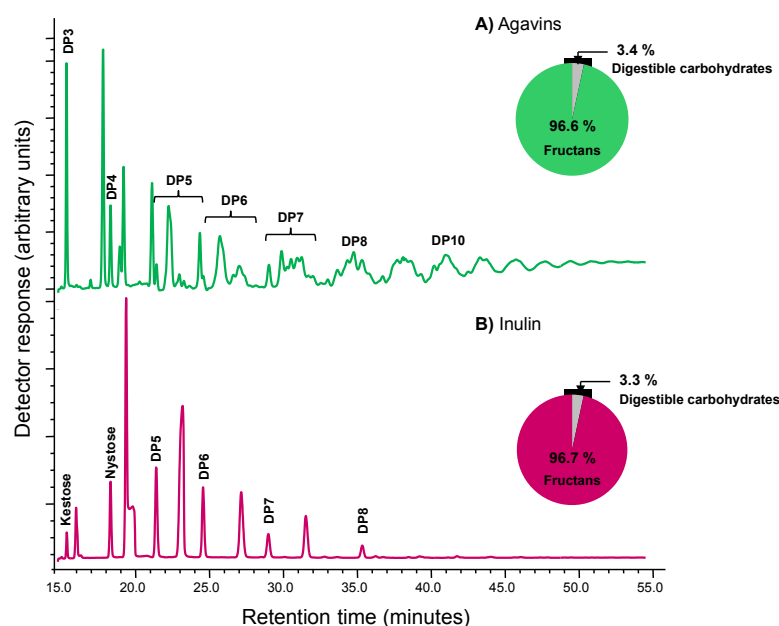
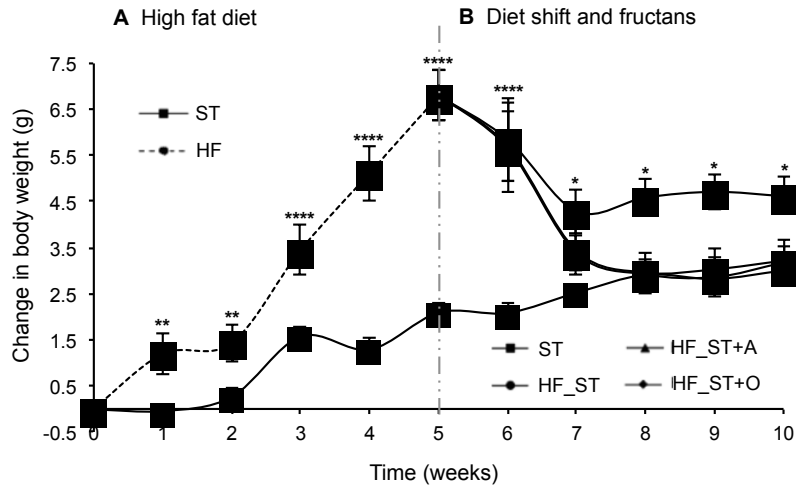




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2
3 **Figure S1.** Relative percentage of carbohydrates content and fructans profiles obtained
4 by HPAEC-PAD. A) Agavins from *Agave tequilana* Weber Blue variety of 4-year-old
5 plants. B) Inulin (oligofructose) from *Cichorium intybus*. Digestible carbohydrates
6 correspond to glucose, fructose and sucrose.



8

9 **Figure S2.** Changes on body weight along the experimental trial. A) Mice fed with a
 10 standard (ST) or high fat (HF) diet for 5 weeks. B) Diet shift of the overweight mice to
 11 standard diet (HF_ST) and standard diet added with agavins (HF_ST+A) or inulin
 12 (HF_ST+O) for 5 more weeks. All data are presented as mean $\pm$ SEM. The diet-time
 13 interactions were significant for body weight changes ($P < 0.0001$) with repeated
 14 measures Two-way ANOVA. At specific time points, body weight changes were
 15 significantly different between the groups: * $P < 0.05$, ** $P < 0.001$ and *** $P < 0.0001$,
 16 Bonferroni's multiple comparison test.

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