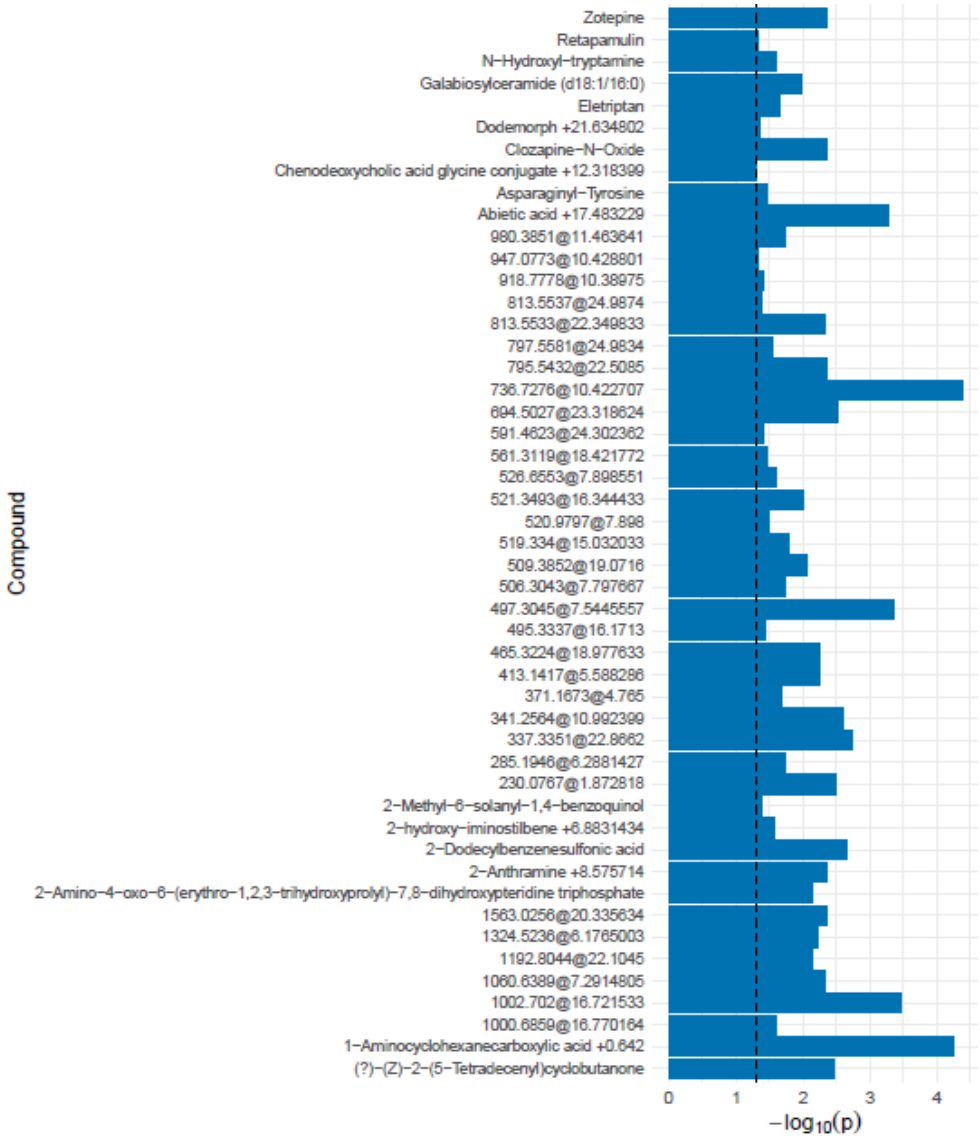

Figure S1. All significant features differentiating, based on the time effect of groups REH, NF and CON from two-way ANOVA. Horizontal bars represent $-\log_{10}$(p-values) for each compound. The vertical dashed line indicates the threshold for statistical significance (p = 0.05).

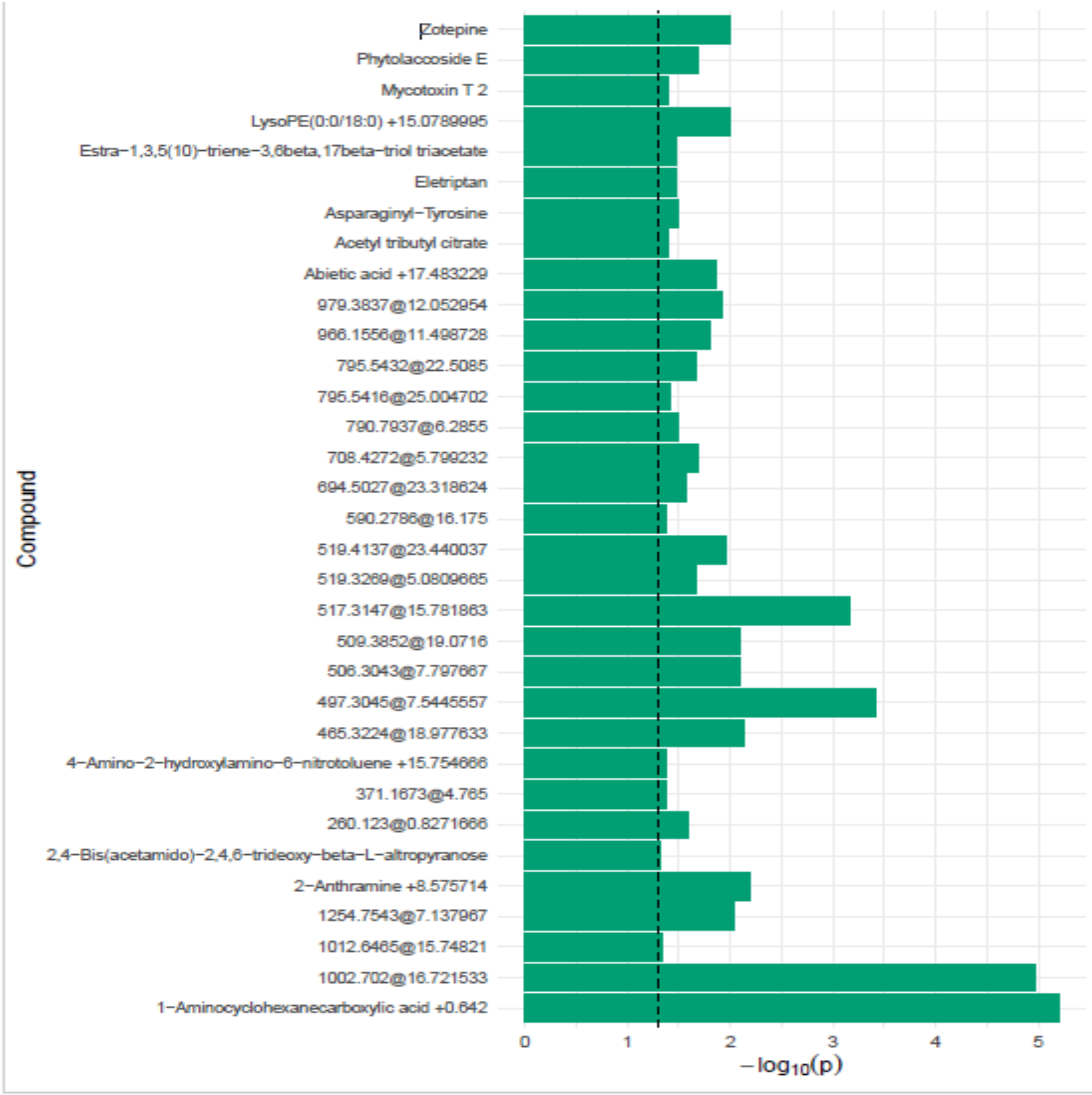

Figure S2. All significant features differentiating, based on combined time and group interactions of groups REH, NF and CON from two-way ANOVA. Horizontal bars represent $-\log_{10}$(p-values) for each compound. The vertical dashed line indicates the threshold for statistical significance (p = 0.05).

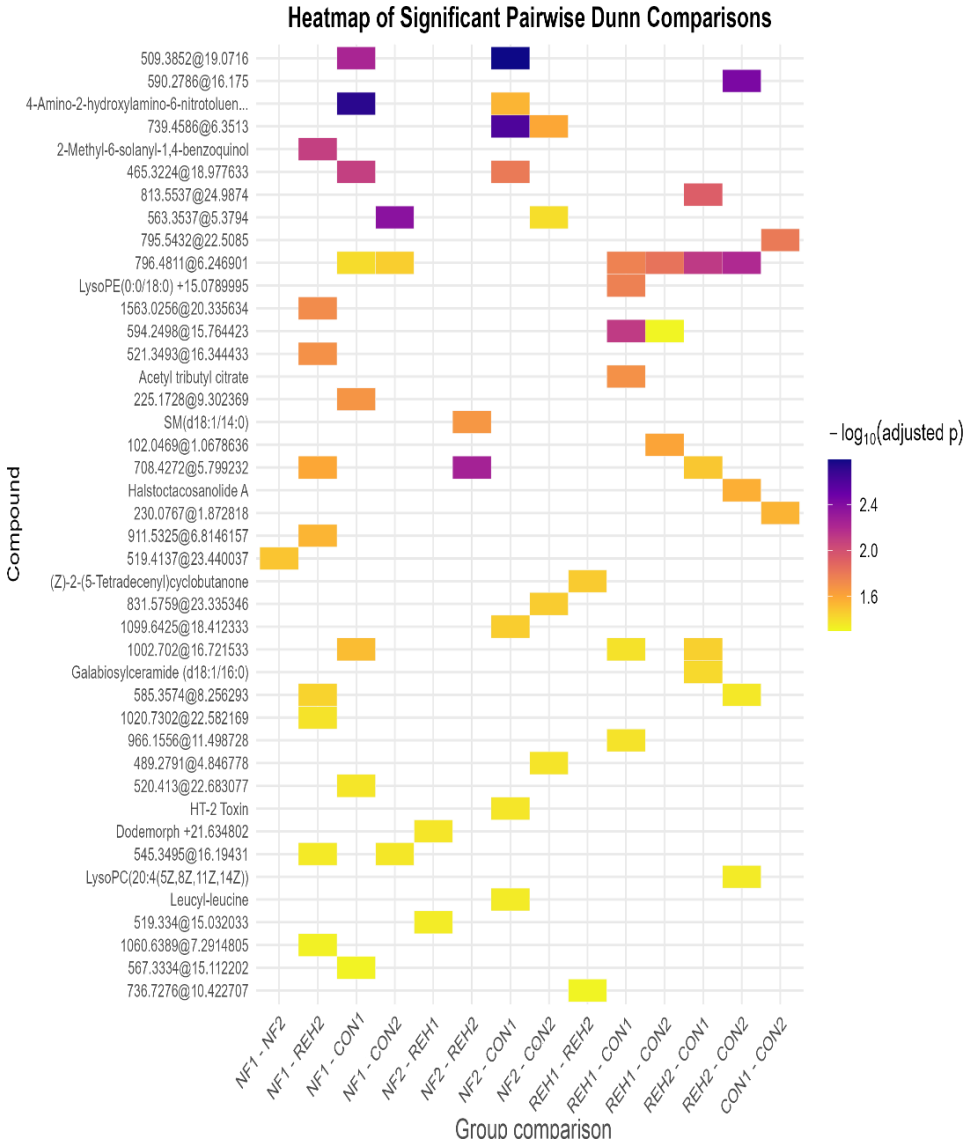

Figure S3. Heatmap displaying statistically significant pairwise group comparisons for all individual features, as identified using Dunn's post-hoc test with Holm correction for multiple testing (*adjusted* $p < 0.05$).