Distribution n-alkanes across all sampled *L. humile* populations

Test for normal distribution: *Shapiro-test*, $W = 0.96$, $p < 0.01^*$
Distribution n-alkenes across all sampled *L. humile* populations

Test for normal distribution: *Shapiro-test*, $W = 0.99$, $p = 0.31$
Distribution mono-methyl-branched alkanes across all sampled *L. humile* populations

Test for normal distribution: *Shapiro-test*, $W = 0.88$, $p < 0.0001^*$
Distribution di-methyl-branched alkanes across all sampled 
*L. humile* populations

Test for normal distribution: *Shapiro-test, W = 0.85, p < 0.0001*
Distribution tri-methyl-branched alkanes across all sampled *L. humile* populations

Test for normal distribution: *Shapiro-test*, W = 0.85, p < 0.0001*

[Graph showing distribution of tri-methyl-branched alkanes across *L. humile* populations with histogram bars and fitted normal distribution curve.]