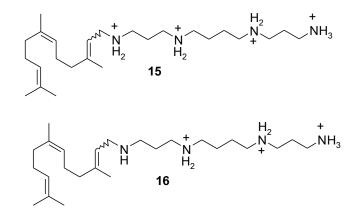
## **Chemical parameters**

a) Estimation of protonated species encountered at various pH for compound 3.



At pH 7.0 species **16** in 90.7% and species **15** in 4.99%

At pH 7.2 species 16 at 85.89% and species 15 in 7.49%

**b**) Identification of the major species according to pH theorical values.

