**Supplementary Figure 1**

Comparison of the HL of group C and S by for both time points independent two-factorial ANOVAs with the factors group (**left panels**) and its interaction with the *frequency* (**right panels**). **A:** 20 min after injection no significant effects of both factors on the HL could be identified**. B** 2h after injection no difference between both groups but a significant interaction of both factors with a significant Tukey post-hoc test at 4 kHz was detected.