

Materials and Methods

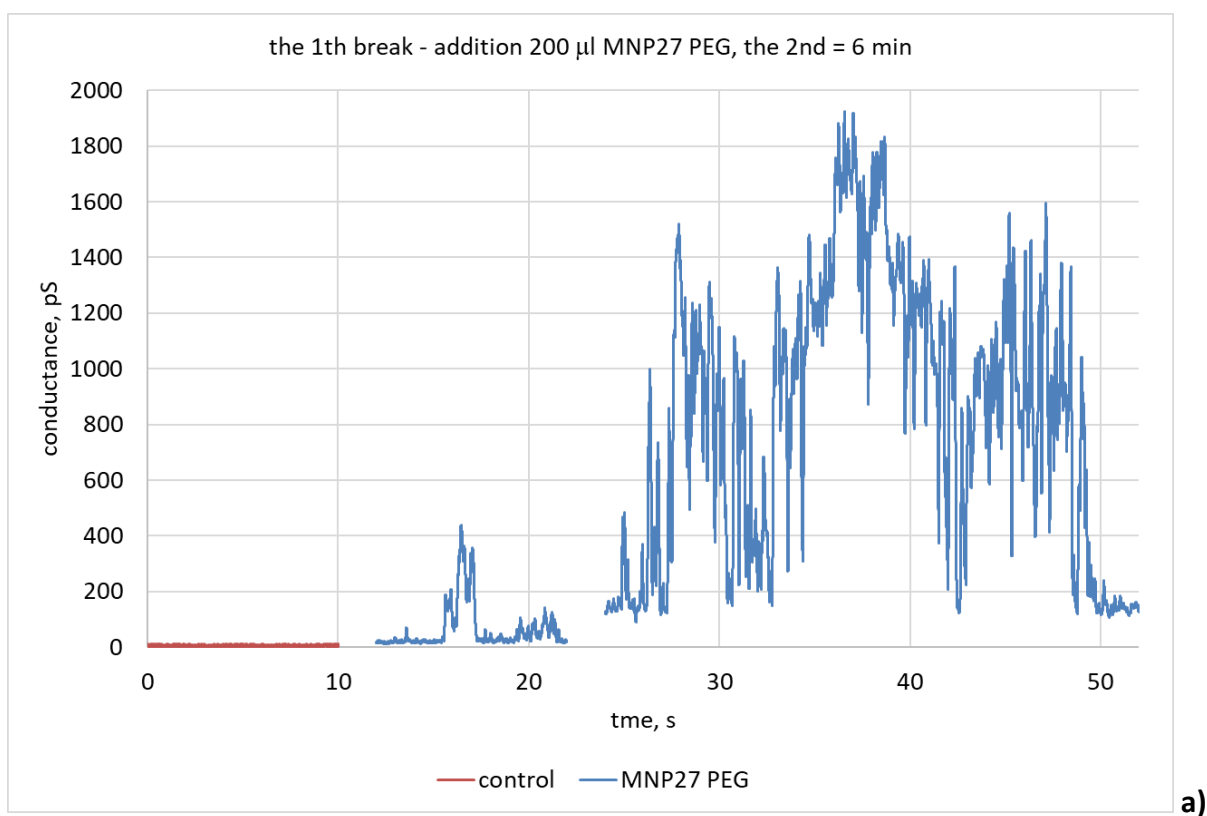


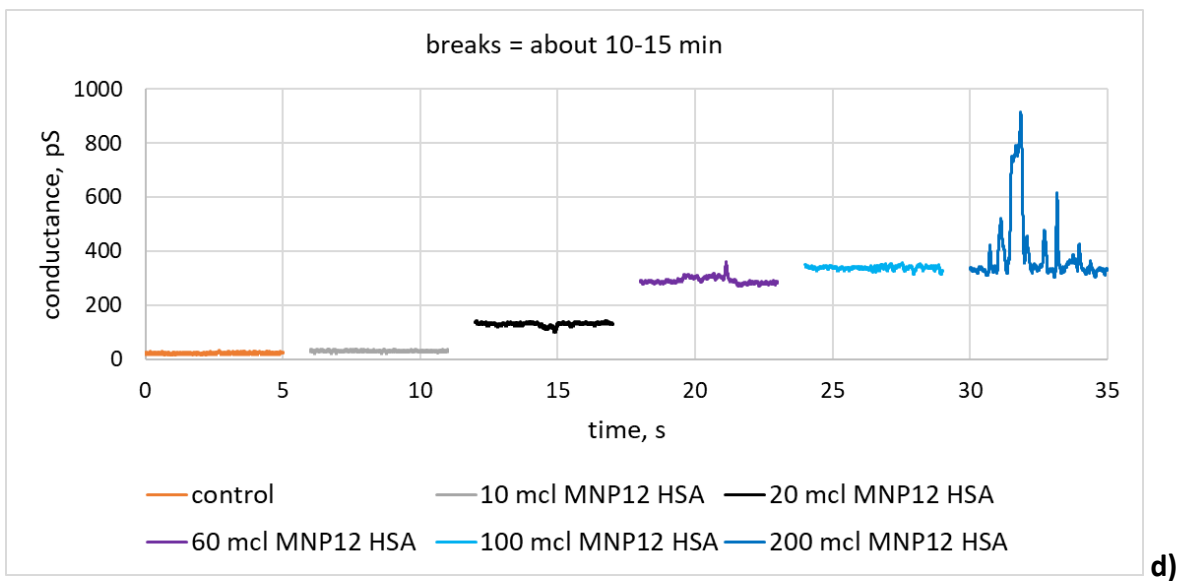
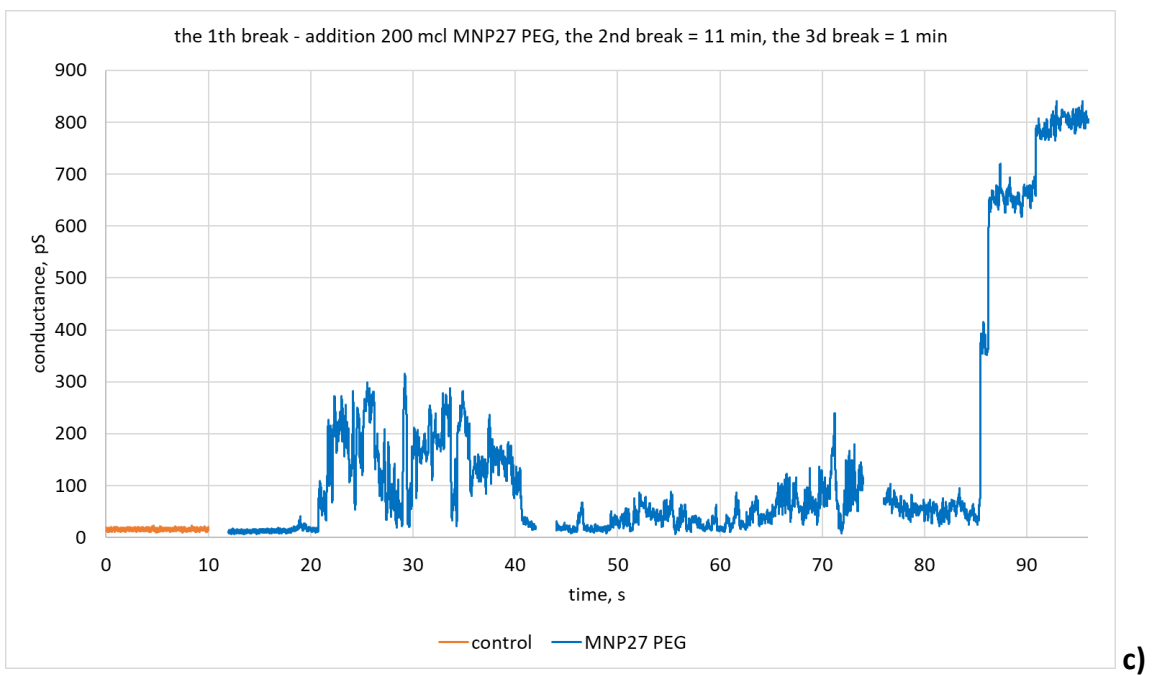
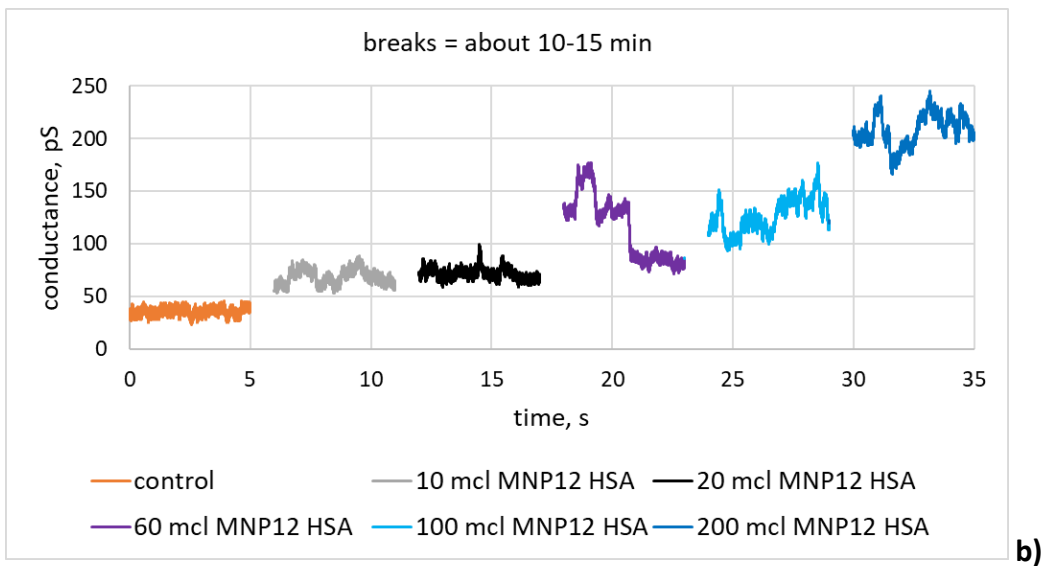
Figure S1. MNP27 PEG is in Teflon cuvette. 100 μ l MNP is added in *cis*-side of the cuvette and 60 μ l MNP is added in *trans*- side of the cuvette.

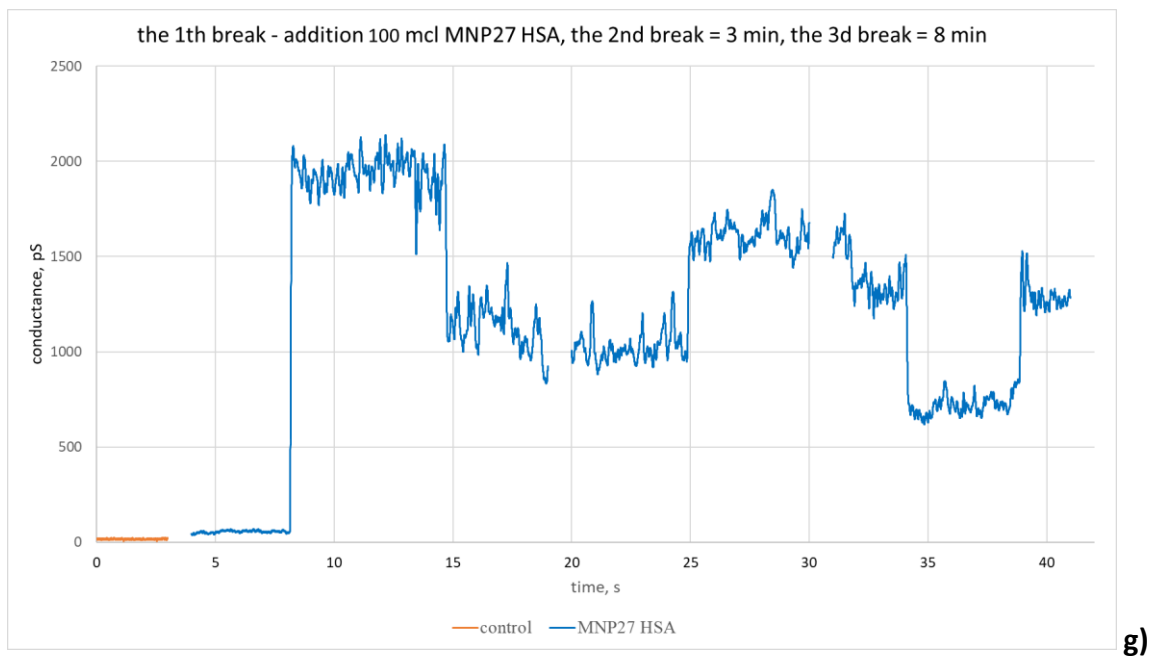
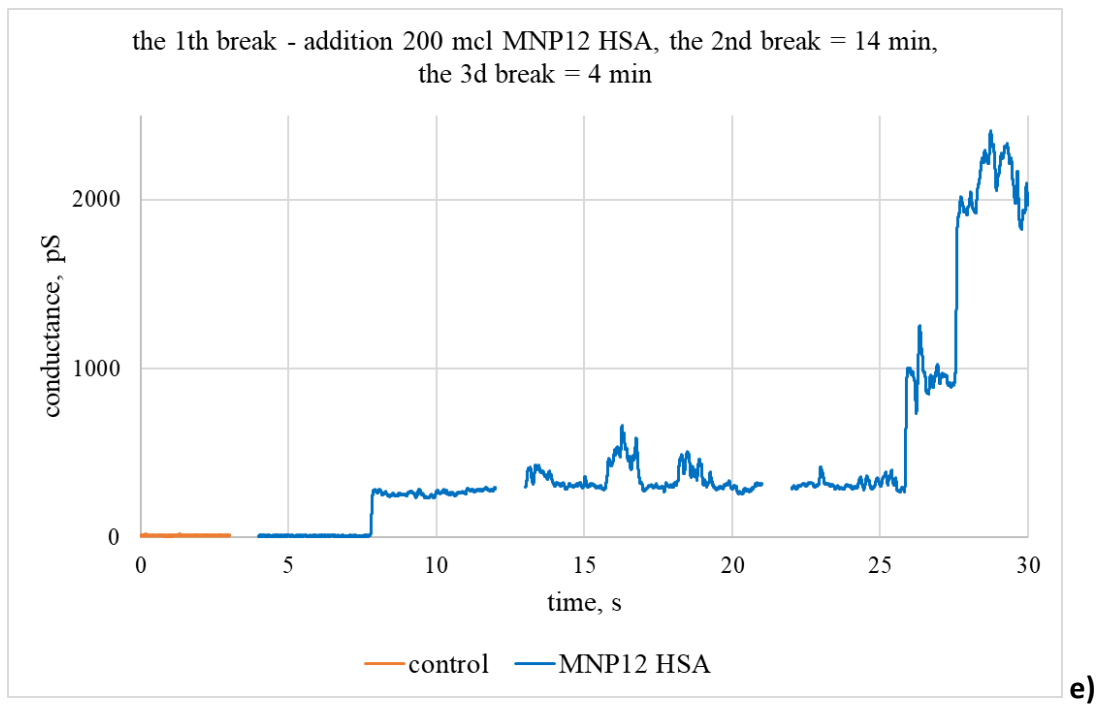


Figure S2. CoFe_2O_4 MNP dissolved in toluene (without hydrophilic coating) is in Teflon cuvette.

Results







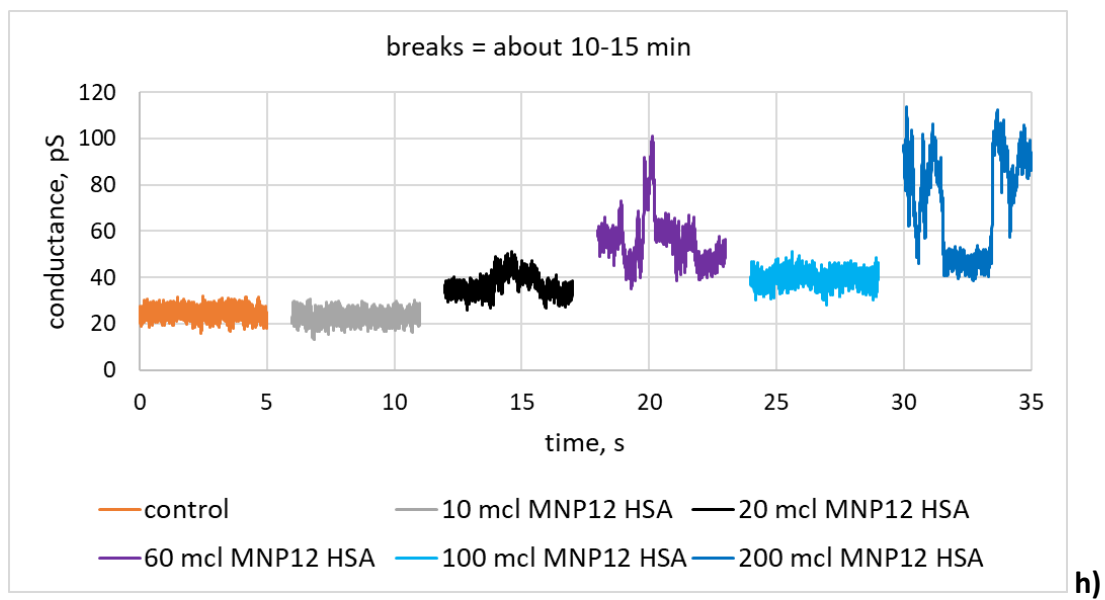


Figure S3. Examples of conductance traces for different membranes.