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Supplementary information

for the manuscript

Effect of anaesthetics on the properties of a lipid membrane in the biologically relevant phase. A computer simulation study

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Figure S1. Evolution of the total potential energy of the systems simulated at 1 bar during the course of the entire simulations (left); and that of the basic box volume and cross section area of the same systems during the production stage of the simulations (right). The zero point of the time scale, marked by the dashed vertical line in panel (a), corresponds to the beginning of the production runs. Energy data corresponding to the systems containing halothane and enflurane are shifted by 5×10^{-18} and -5×10^{-18} J, respectively, whereas area data corresponding to the pure system and systems containing enflurane, diethylether and halothane are shifted by -5, -3, 3, and 10 nm^2 , respectively, for better visibility.