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 $5 \times 10^{-18}$ and $-5 \times 10^{-18}$ J, respectively, whereas area data corresponding
to the pure system and systems containing enfurane, diethylether and halothane are shifted by
-5, -3, 3, and 10 nm$^2$, respectively, for better visibility.