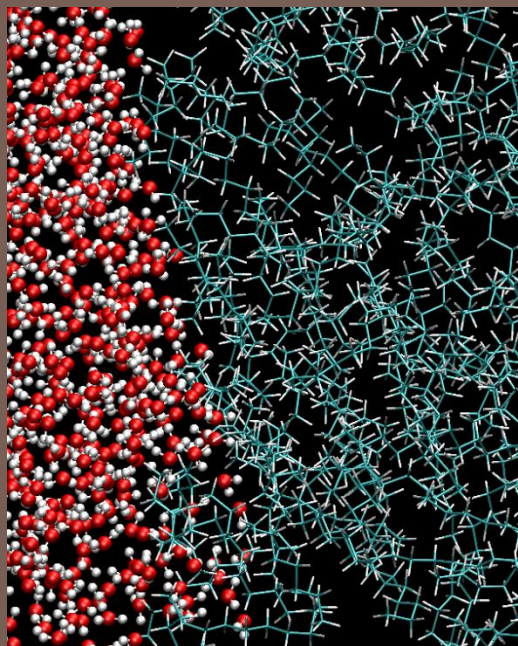


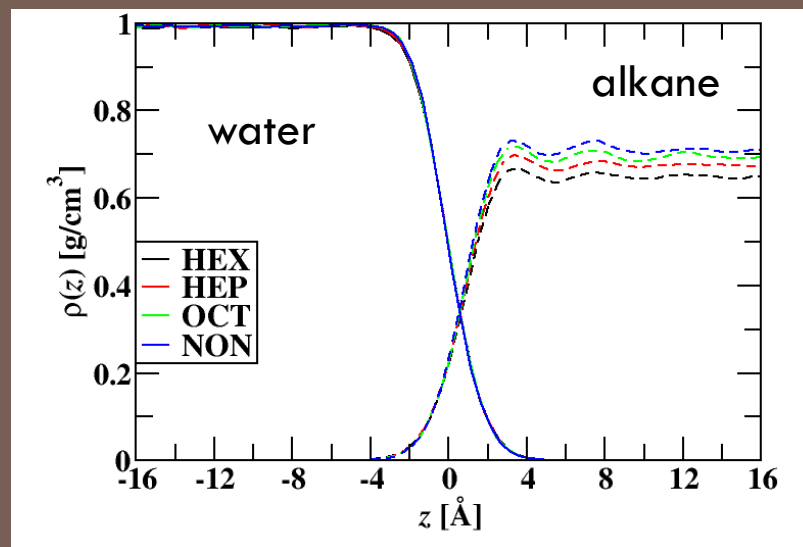
# Investigation of the effect of *n*-alkane chain length on the alkane-water interface

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Alkane	Interfacial Width
<i>n</i> -hexane	3.05
<i>n</i> -heptane	3.01
<i>n</i> -octane	2.91
<i>n</i> -nonane	2.90



## Density Profile



Computational results show that alkane interfacial width increases with higher molecular weight, and alkane density quickly reaches a bulk value away from the interface.

