

Supplementary Material

The Influence of Oily Vehicle Composition and Vehicle-Membrane Interactions on the Diffusion of Model Permeants across Barrier Membranes

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Table S1: Analytical parameters for the gas chromatographic quantification of IPM/IHD, IHD/HD and IPM/HD mixtures (IPM = isopropyl myristate; IHD = isohexadecane; HD = hexadecane)

	IPM/IHD	IHD/HD	IPM/HD
Instrument temperature program			
Initial temperature (°C)	70	70	70
Initial time (min)	2	2	2
Rate (°C/ min)	7	8	7
Final temperature (°C)	260	295	260
Final time (min)	5	2	5
Injector temperature (°C)	220	220	220
Total time (min)	34.14	32.12	34.14
Inlet settings			
Mode split	Split	Split	Split
Split ratio	1:1	1:1	1:3
Injection volume (μL)	9.0	9.0	3
Flow rate (mLmin ⁻¹)	6	6	6

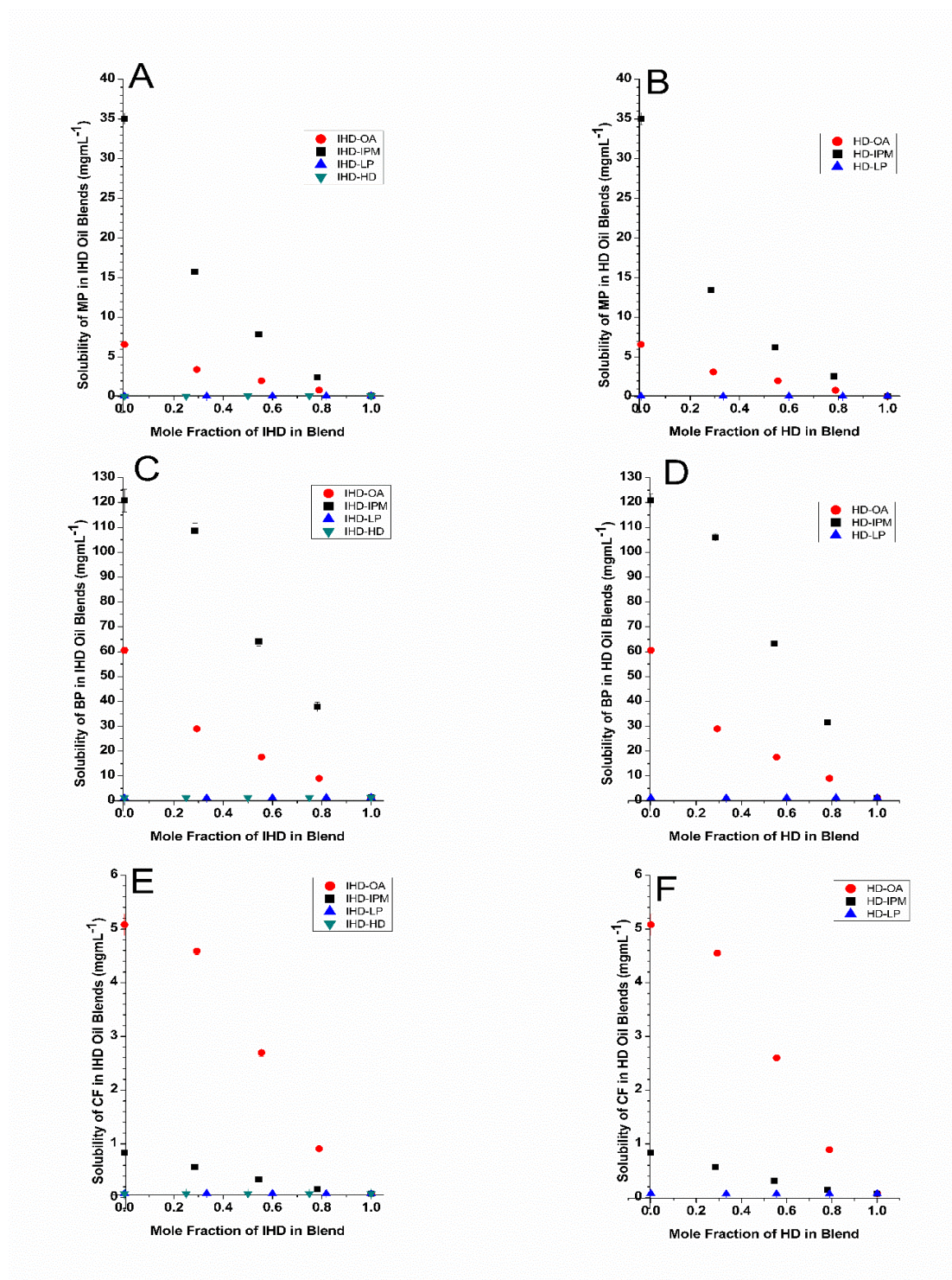


Figure S1. Solubility (mg mL^{-1}) in 100 % IHD, OA, IPM, LP, HD and different oil blends containing IHD or HD at 32 °C (A) MP solubility in IHD blends (B) MP solubility in HD blends (C) BP solubility in IHD blends (D) BP solubility in HD blends (E) CF solubility in IHD blends (F) CF solubility in HD blends. Data represent mean $\pm$ sd ($n \geq 4$). Error bars lie within the symbols.