

COMPONENTS: (1) Hexatriacontane; $C_{36}H_{74}$; [630-06-8] (2) Water; H_2O ; [7732-18-5]	ORIGINAL MEASUREMENTS: Baker, E.G. <i>Am. Chem. Soc., Div. Petrol. Chem., Preprints</i> <u>1958</u> , 3, N°4, C61-8.
VARIABLES: One temperature: 25°C	PREPARED BY: M.C. Haulait-Pirson
EXPERIMENTAL VALUES: <p>The solubility of hexatriacontane-18,19-C^{14} in water at 25°C was reported to be 1.7×10^{-9} g(1)/g(2).</p> <p>The corresponding mass percent and mole fraction, x_1, calculated by the compiler are 1.7×10^{-7} g(1)/100 g soln and 6.1×10^{-11}.</p>	
AUXILIARY INFORMATION	
METHOD/APPARATUS/PROCEDURE: Carbon-14 labeled (1) was used as tracer. The technique of preparing a saturated aqueous solution of (1) by ultrafiltration of a (1)-(2) dispersion has been described in ref 1. A Packard Tri-Carb Liquid Scintillation Spectrometer was used to detect the radioactive (1) dissolved in (2).	SOURCE AND PURITY OF MATERIALS: (1) New England Nuclear Corporation; used as received. (2) distilled.
	ESTIMATED ERROR: soly. 20% (standard deviation from 17 replicate runs).
	REFERENCES: 1. Baker, E.G. <i>Am. Chem. Soc. Div. Petrol. Chem., Preprints-Symposia</i> <u>1956</u> , 1, N°2, 5.

COMPONENTS: (1) Hexatriacontane; $C_{36}H_{74}$; [630-06-8] (2) Water; H_2O ; [7732-18-5]	ORIGINAL MEASUREMENTS: Baker, E.G. <i>Science</i> <u>1959</u> , 129, 871-4.
VARIABLES: One temperature: 25°C	PREPARED BY: F. Kapuku
EXPERIMENTAL VALUES: <p>The solubility of hexatriacontane in water at 25°C was reported to be 2.09×10^{-7} mL (1)/100 mL (2).</p>	
AUXILIARY INFORMATION	
METHOD/APPARATUS/PROCEDURE: not specified.	SOURCE AND PURITY OF MATERIALS: not specified.
	ESTIMATED ERROR: not specified.
	REFERENCES:

