

Supplementary Materials: Assessing the Combined Effect of Water Temperature and Complex Water Matrices on Xanthate Adsorption Using Multiple Linear Regression

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Table S1. Raw Data (Concentration of SIBX at time t /Concentration of SIBX at $t = 0$) used in Two Way ANOVA test.

Temperature (°C)	Times (mins)							
	5	10	15	20	30	40	50	60
20	99.9	99.9	99.8	99.8	99.6	99.4	99.3	98.8
20	98.6	98.8	99.2	98.4	100.0	98.6	98.3	99.7
35	99.4	98.9	98.7	98.7	99.0	99.0	98.3	98.3
35	99.2	99.2	99.0	98.9	98.7	98.7	98.5	98.3
50	97.4	98.2	97.3	96.9	97.3	97.6	97.3	96.9
50	98.2	97.6	97.4	97.3	97.3	97.3	97.1	96.8
65	97.0	96.4	96.1	96.1	96.7	97.4	96.7	97.3
65	100.0	99.6	99.3	98.9	98.3	97.4	96.7	95.7

Table S2. Two Way ANOVA table assessing the significance of temperature and time on average (Concentration of SIBX at t /Concentration of SIBX at $t = 0$).

Source of Variation	SS	df	MS	F	P-value	F crit
Temperature	43.7	3	14.56	17.56	6.35×10^{-7}	2.90
Time	6.5	7	0.93	1.12	0.37	2.31
Interaction	3.9	21	0.18	0.22	1.00	1.90
Within	26.5	32	0.82			
Total	80.6	63				