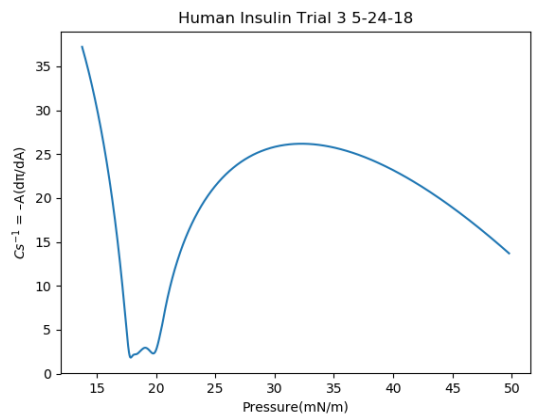
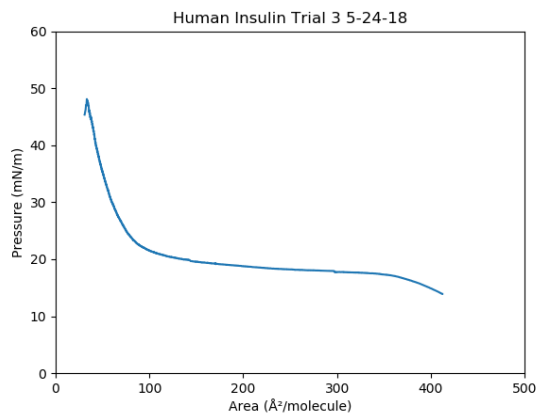
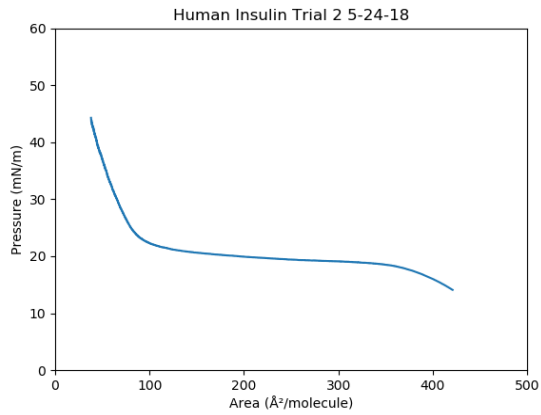
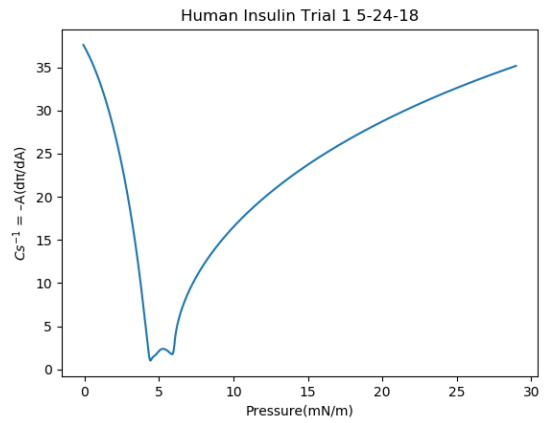
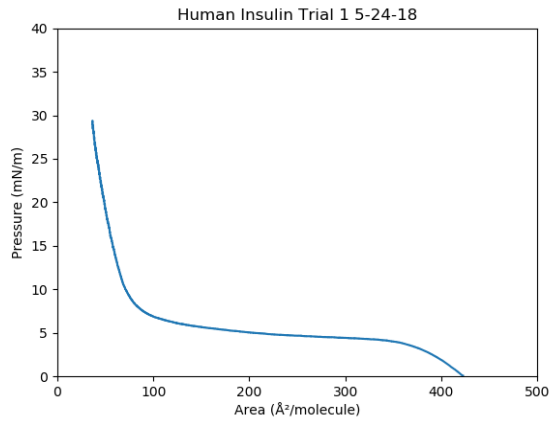
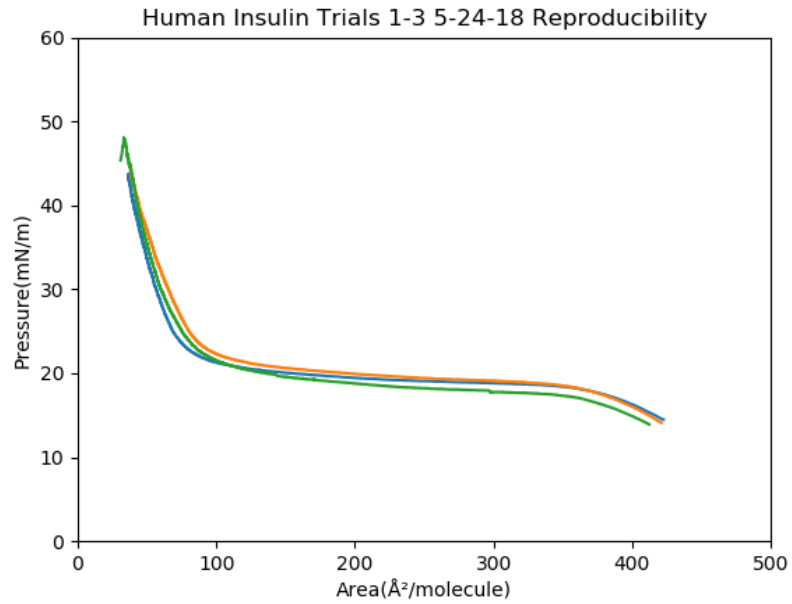


Human Insulin on Water Subphase

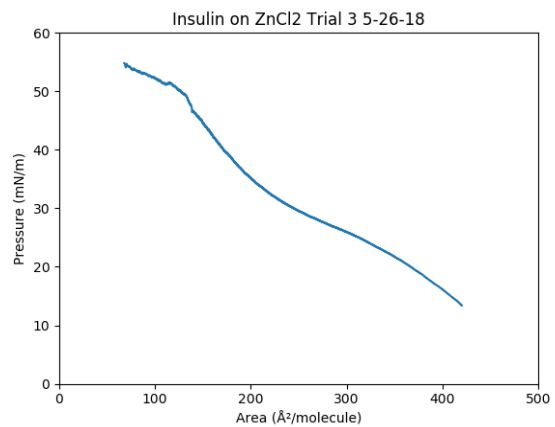
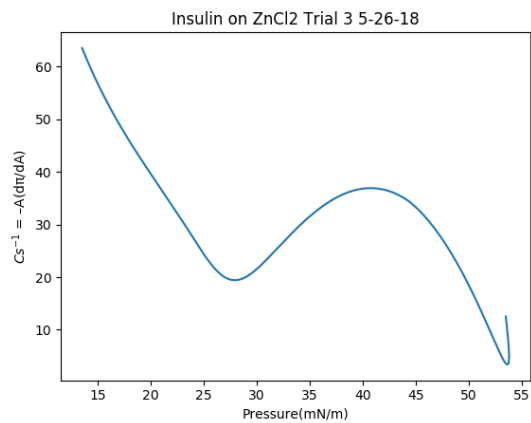
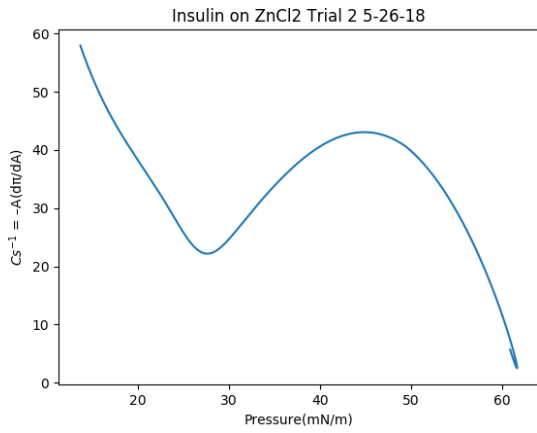
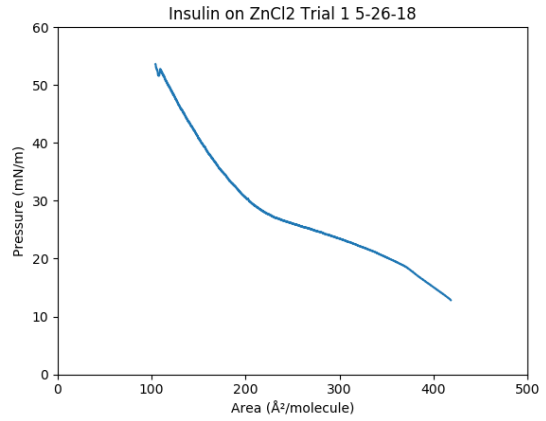
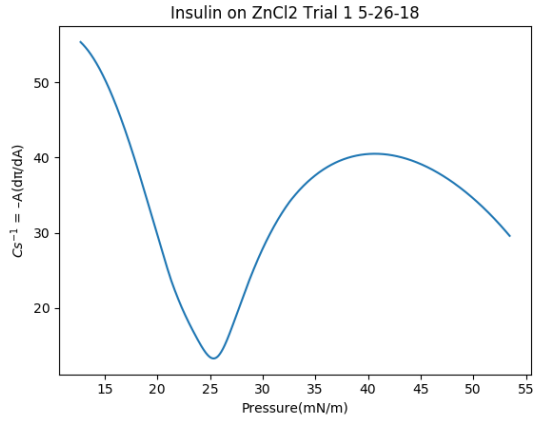


Insulin on Water Trials 1-3 Reproducibility



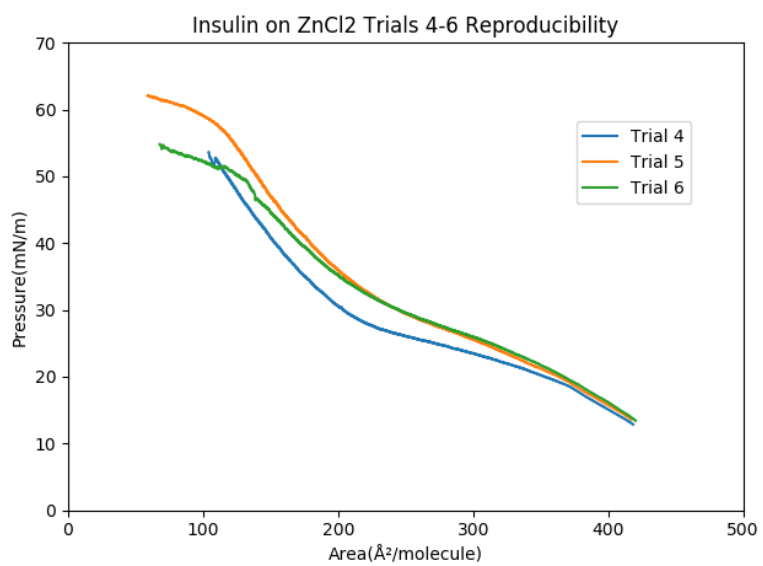
Note: I performed a zero before starting Trial 1, so I undid the zero by adding ~14 pressure, the recorded pressure before zeroing.

Human Insulin on ZnCl₂ Subphase

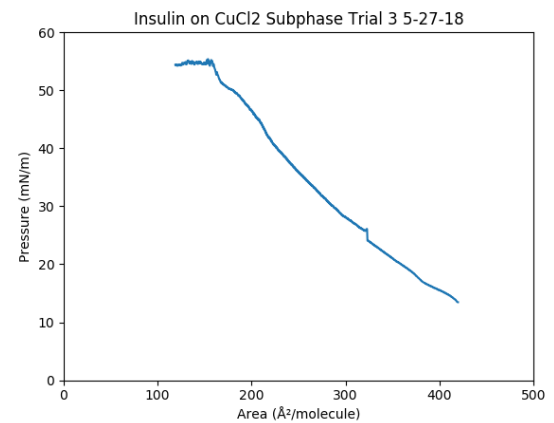
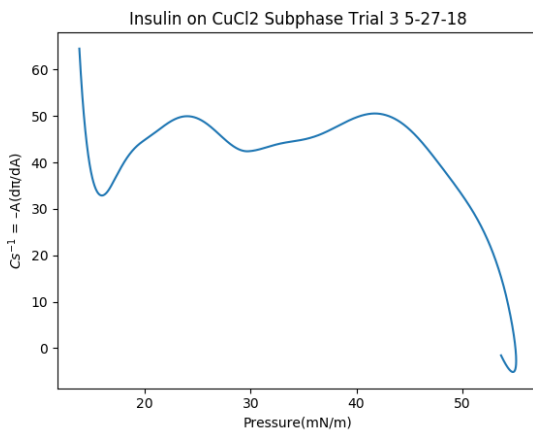
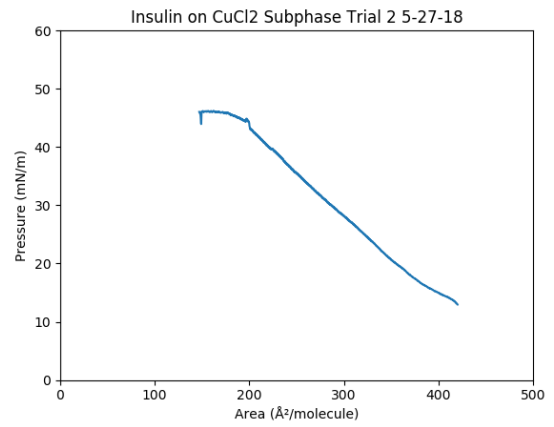
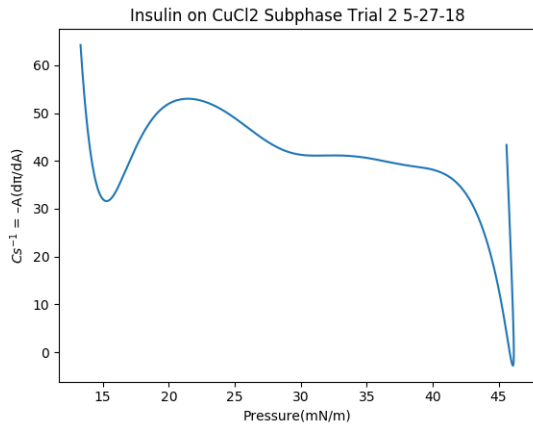
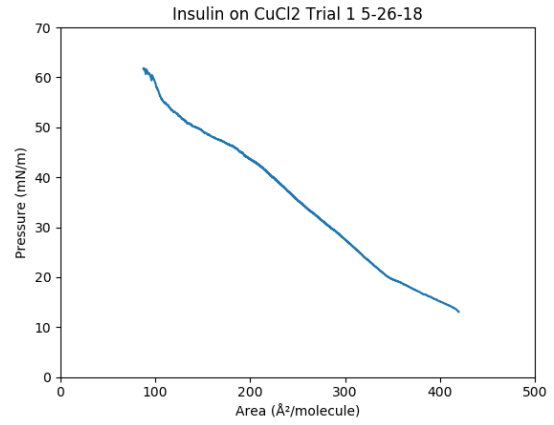
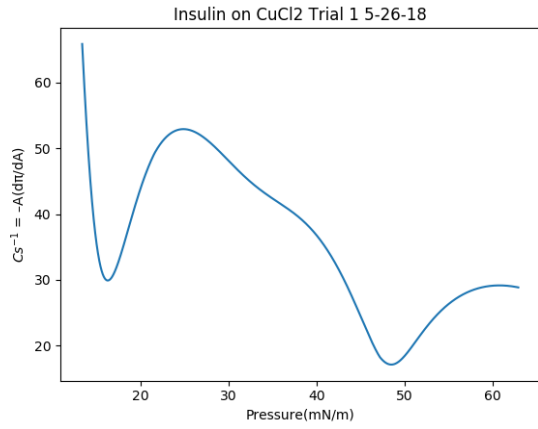


Note: Trials 1, 2, and 3, represent trials 4, 5, and 6

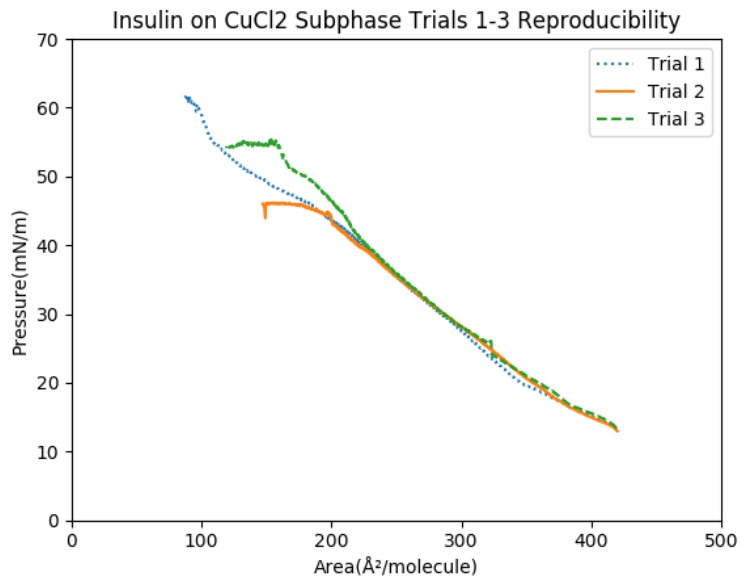
Insulin on ZnCl₂ Trials 4-6 Reproducibility



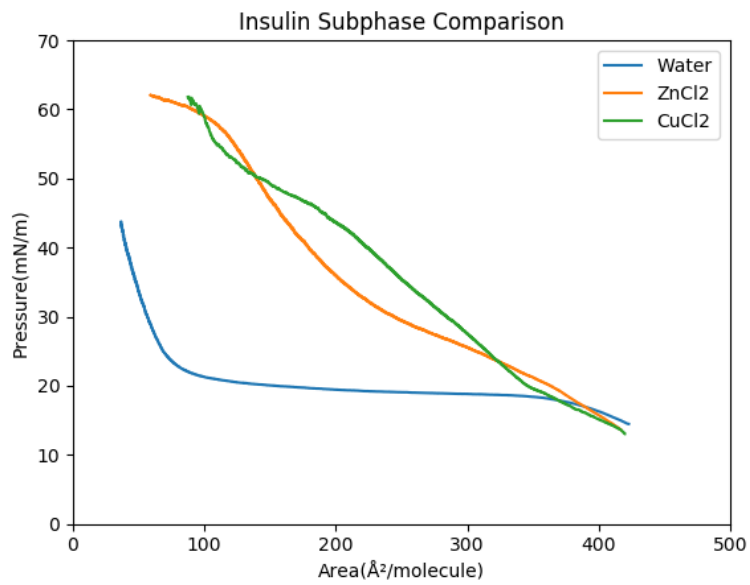
Insulin with CuCl₂ Subphase



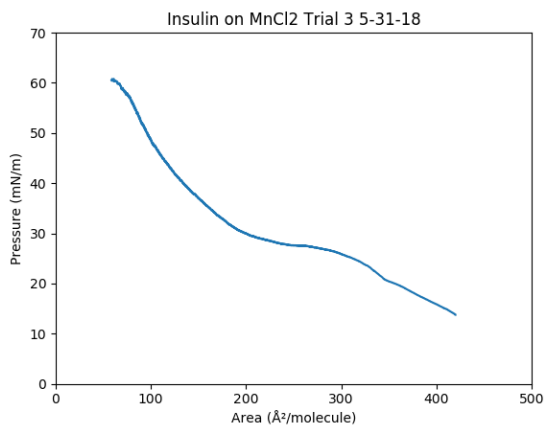
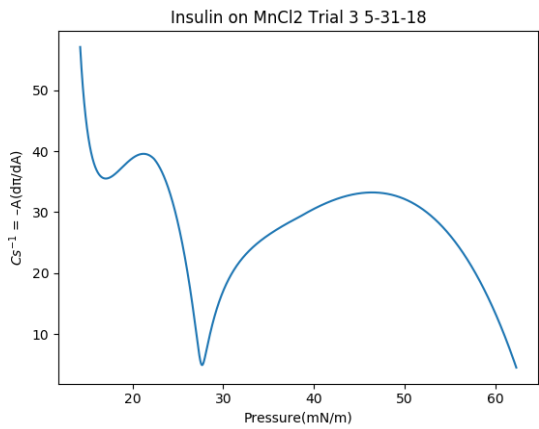
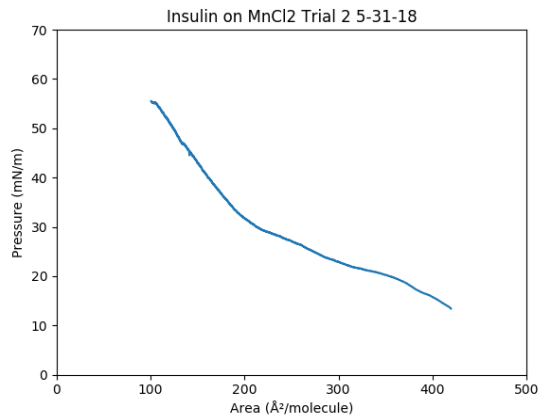
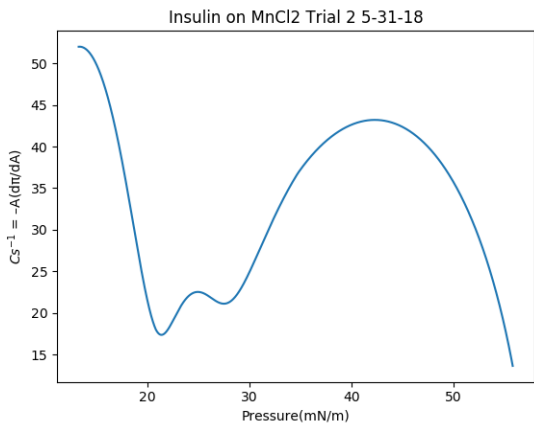
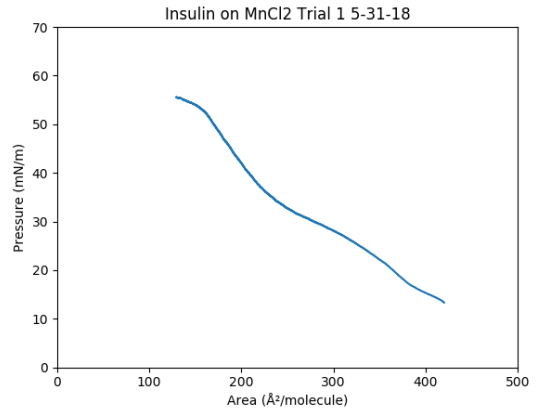
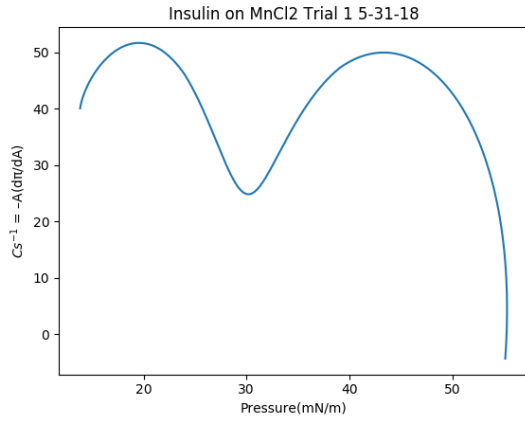
Insulin on CuCl₂ Trials 1-3 Reproducibility



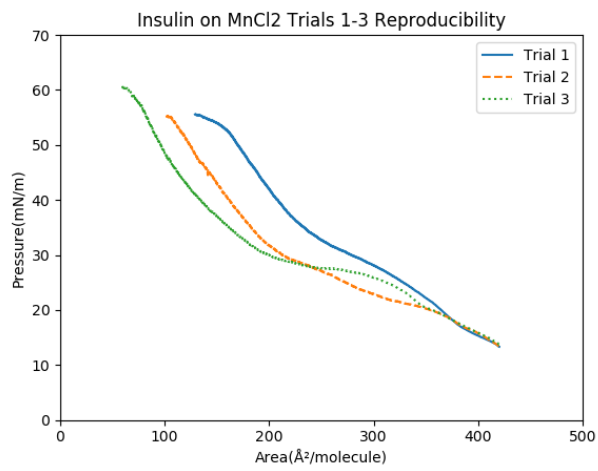
Subphase Comparison



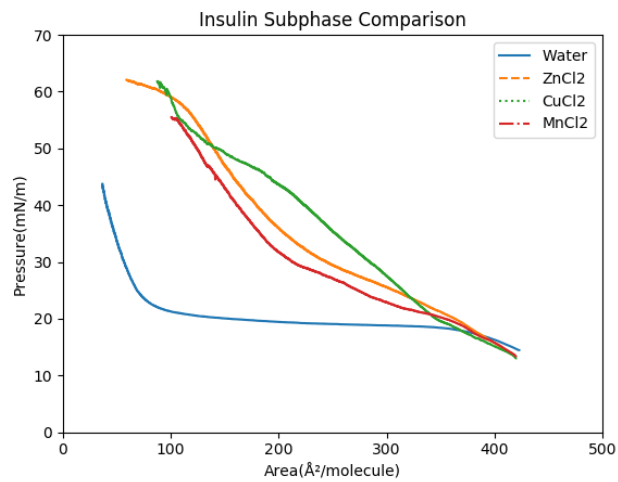
Insulin on MnCl₂



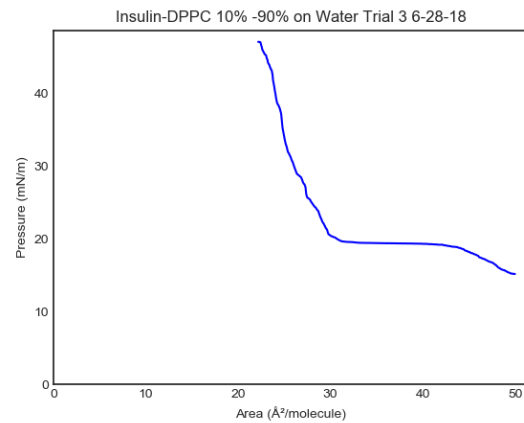
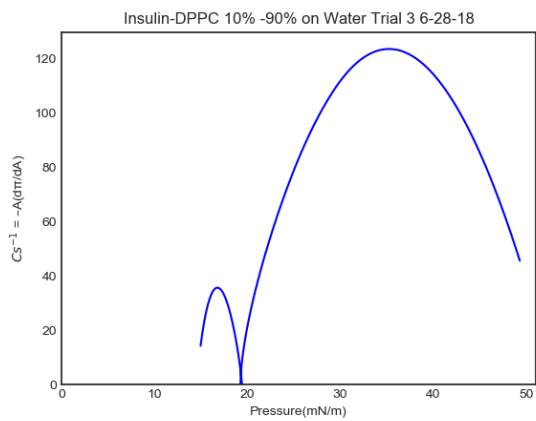
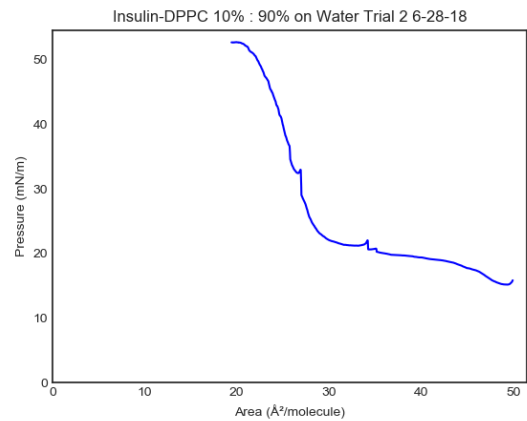
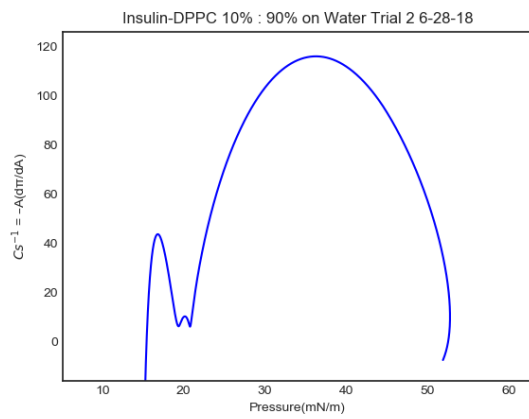
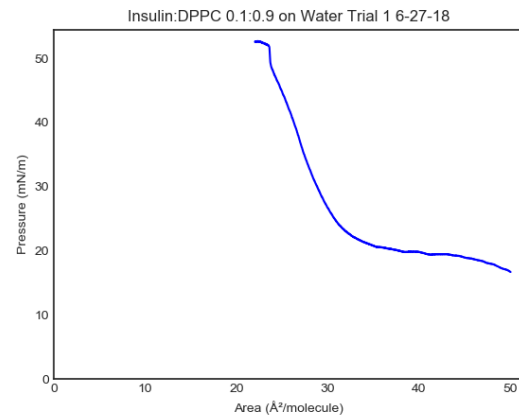
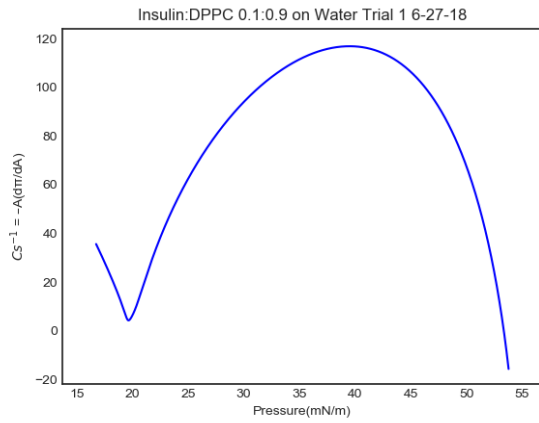
Insulin on MnCl₂ Reproducibility



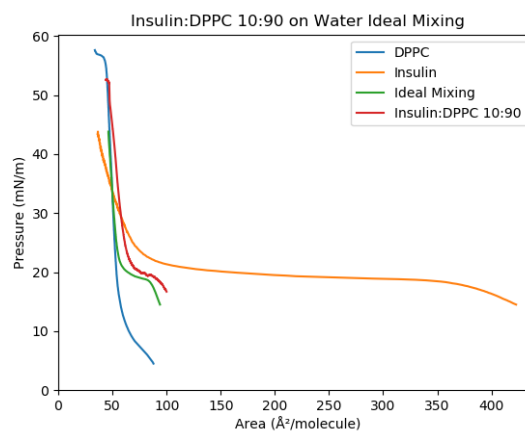
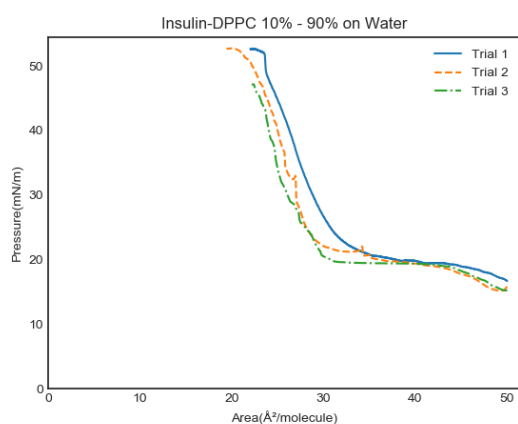
Insulin Subphase Comparison



Insulin:DPPC 0.1:0.9 on Water Subphase

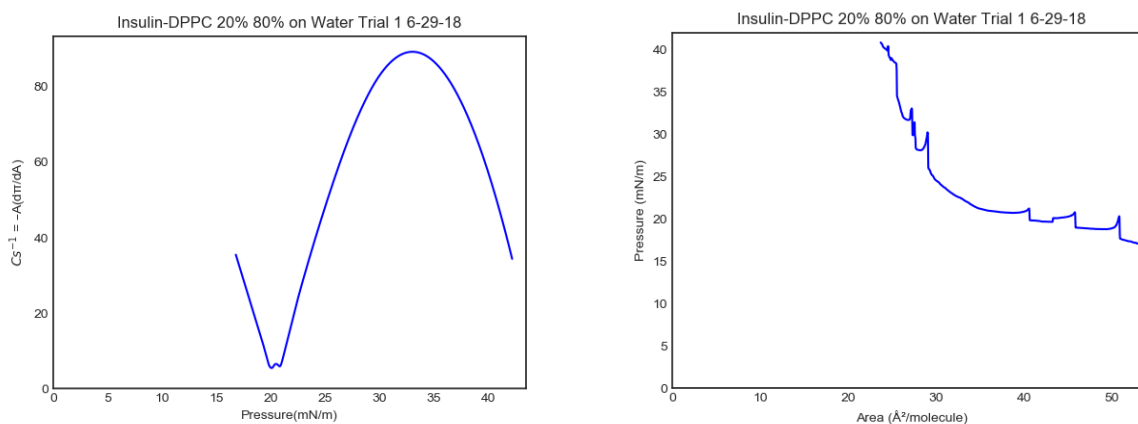


Insulin:DPPC 0.1:0.9 Reproducibility/Ideal Mixing



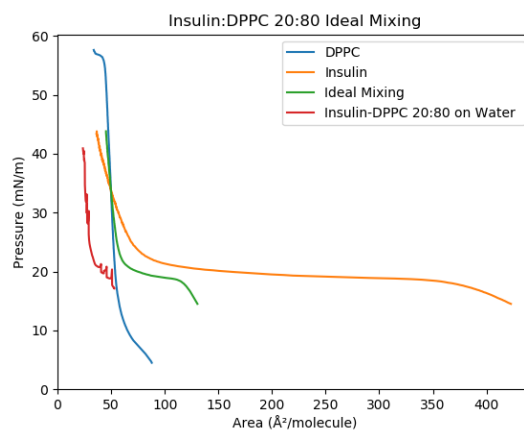
Note: The trials with Insulin:DPPC had messed up graphs. They should be scaled by two since the number of chains was set to 2 in the trough setup, making the resulting graph scaled by $\frac{1}{2}$. The Ideal mixing was graphed with corrected scaling.

Insulin:DPPC 0.2:0.8 on Water



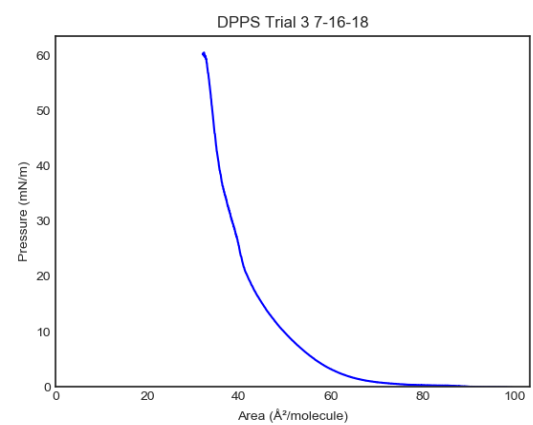
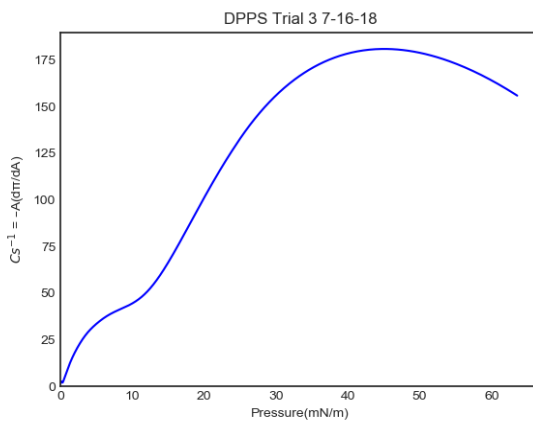
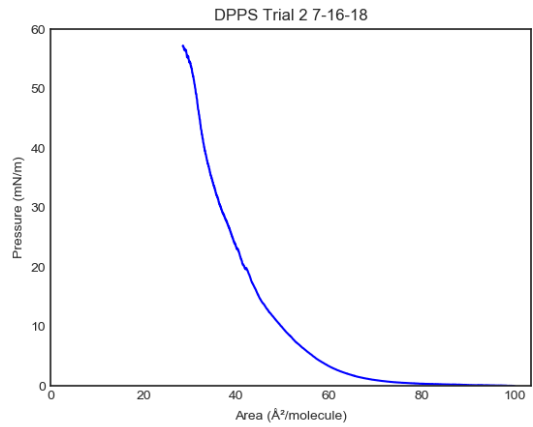
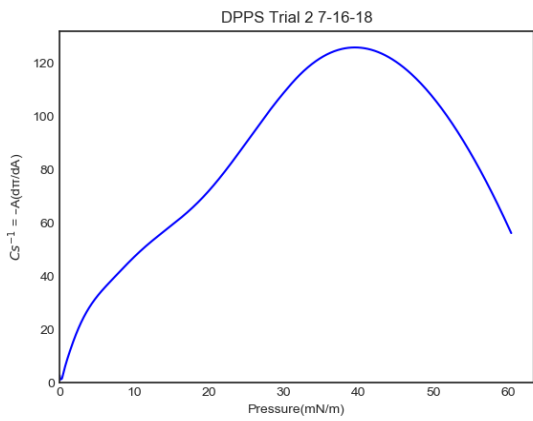
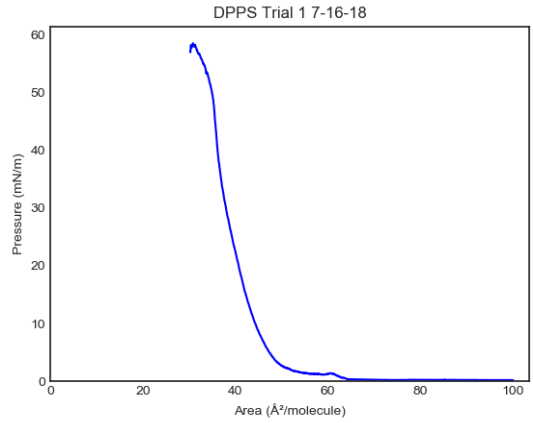
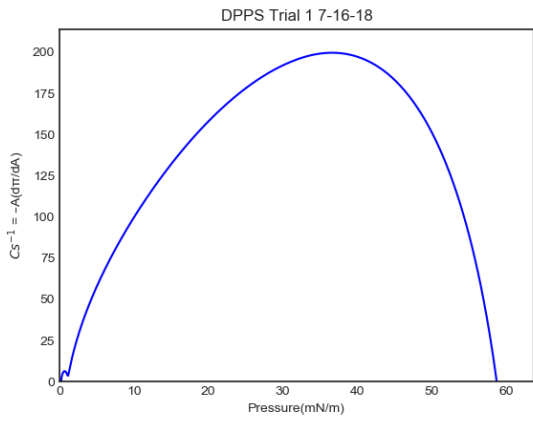
Note: I believe the probe might have been slightly stuck during this trial, notice the isotherm.

Insulin:DPPC 0.2:0.8 Ideal

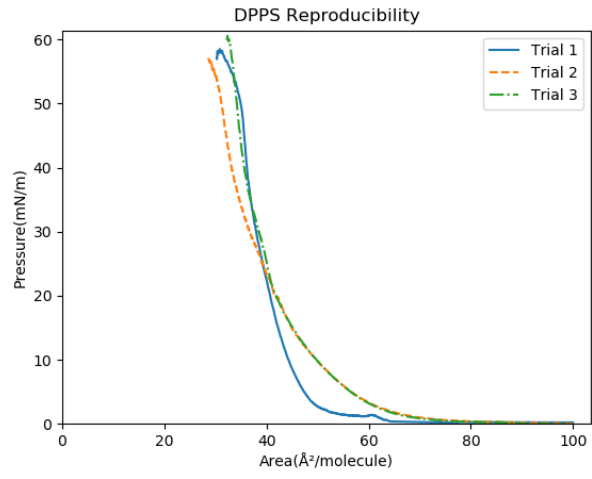


Note: This was graphed using the uncorrected Insulin:DPPC graph, to correct, scale by 2.

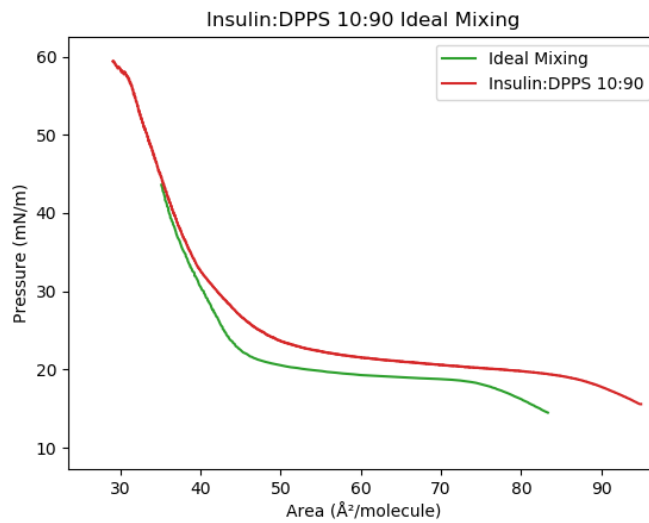
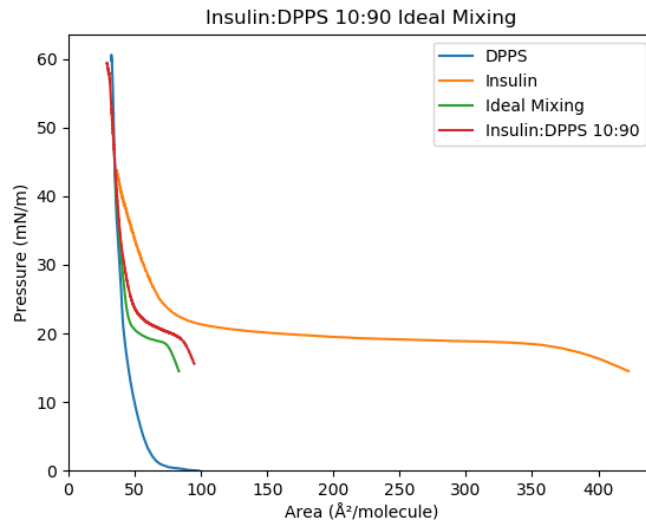
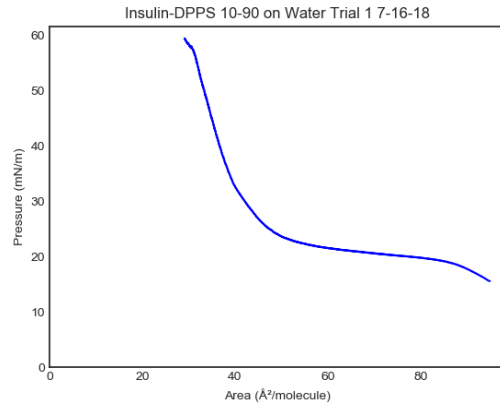
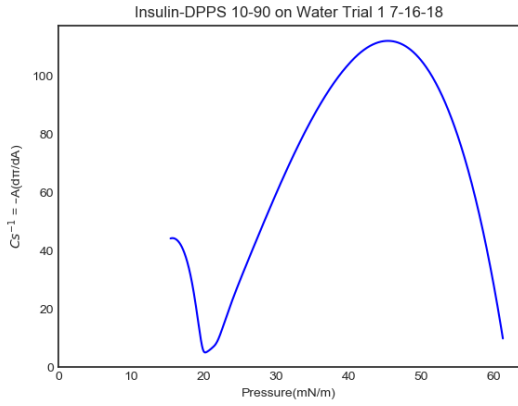
DPPS Trials



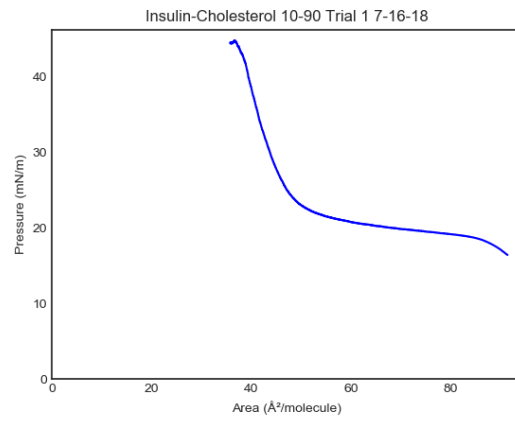
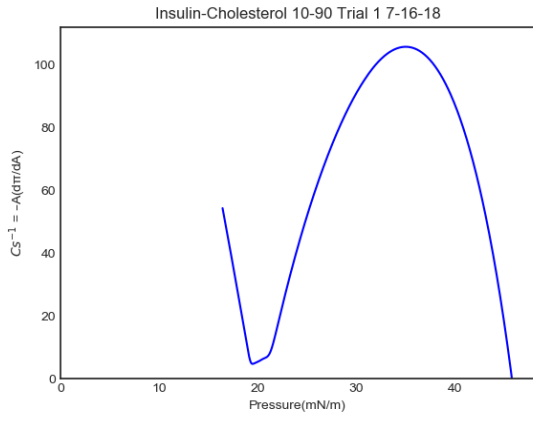
DPPS Reproducibility



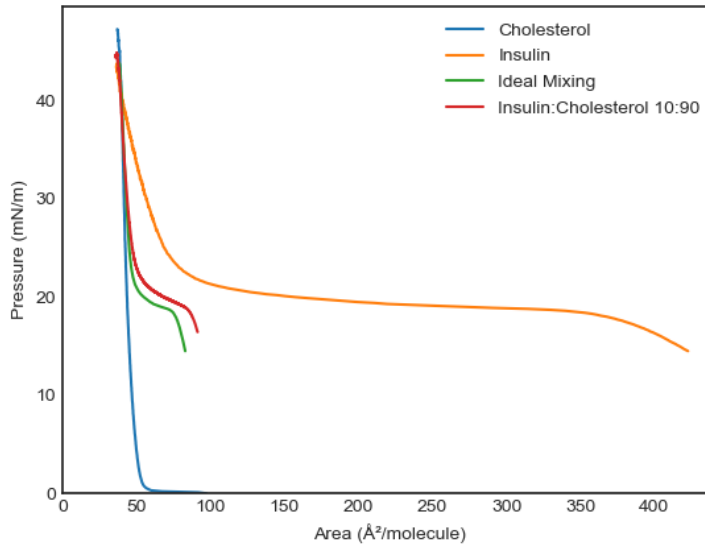
Insulin:DPPS 10:90 Ideal Mixing



Insulin:Cholesterol 10:90 Ideal Mixing



Insulin:Cholesterol 10:90 Ideal Mixing



Insulin:Cholesterol 10:90 Ideal Mixing

