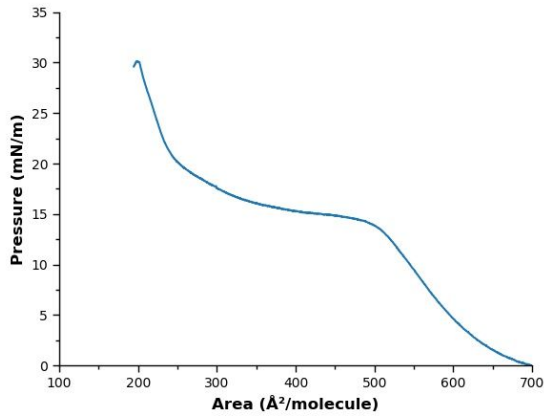


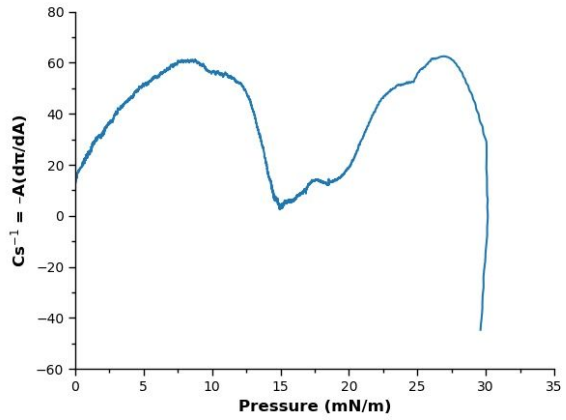
Fall 2019 Research Data

Insulin on Water - Unknown pH (~6.5-7)

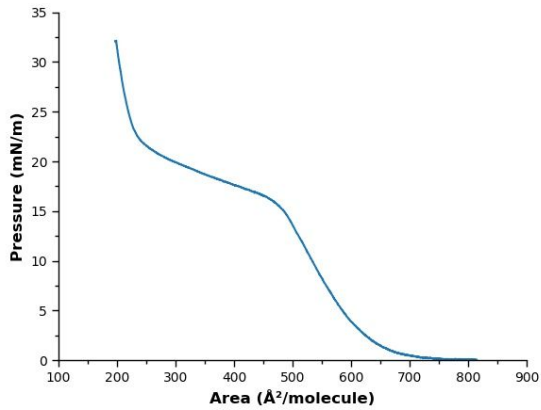
INS on Water 10-05-19 Trial 1 Isotherm



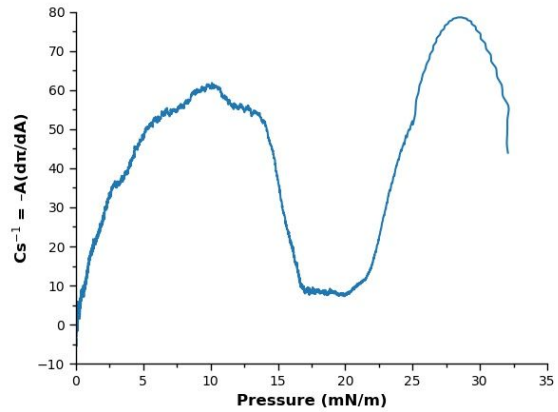
INS on Water 10-05-19 Trial 1 Compression Modulus



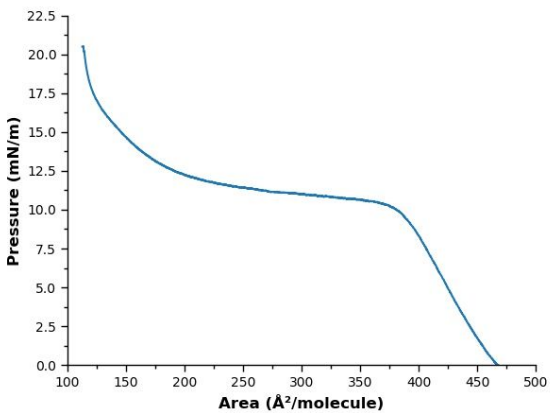
INS on Water 10-06-19 Trial 1 Isotherm



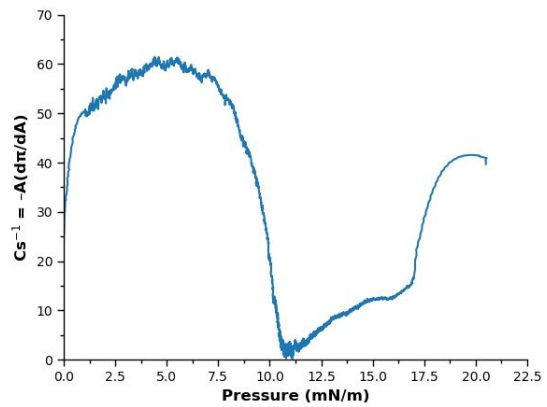
INS on Water 10-06-19 Trial 1 Compression Modulus



INS on Water 10-06-19 Trial 2 Isotherm

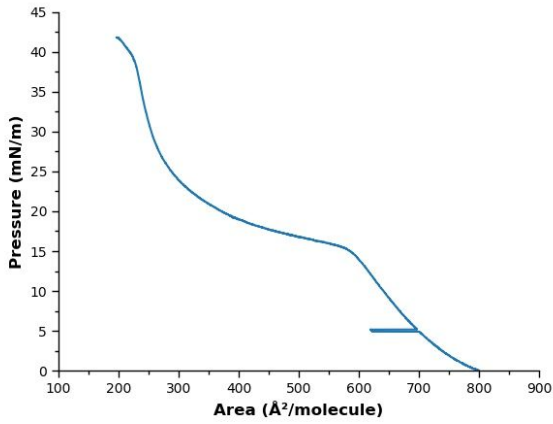


INS on Water 10-06-19 Trial 2 Compression Modulus

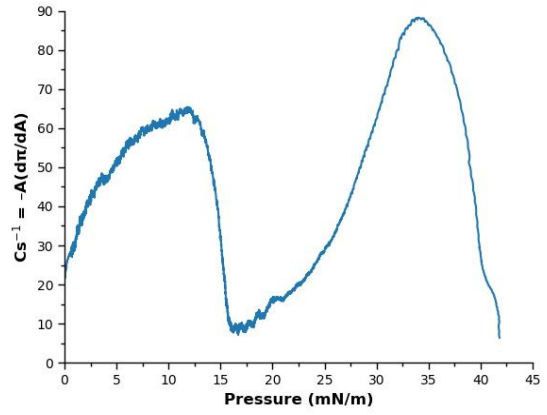


Insulin on Water - Unknown pH (~6.5-7) Continued

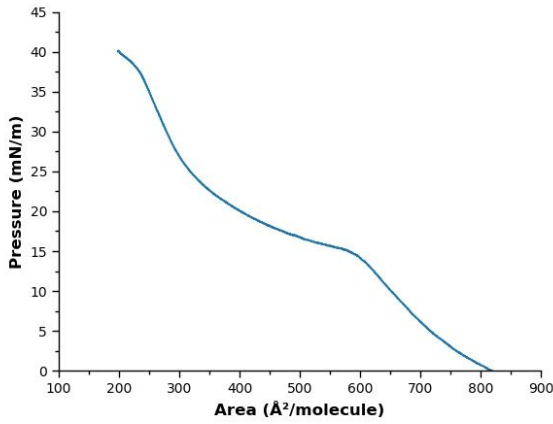
INS on Water 10-07-19 Trial 1 Isotherm



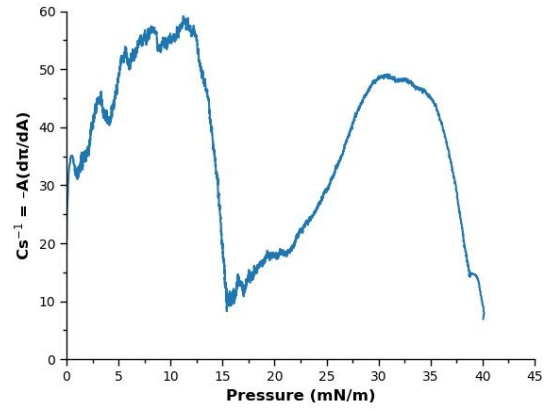
INS on Water 10-07-19 Trial 1 Compression Modulus



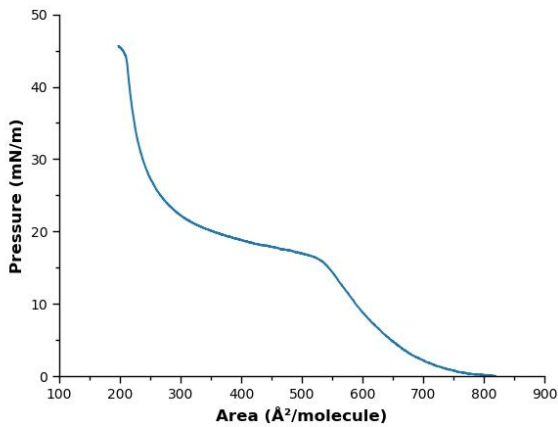
INS on Water 10-14-19 Trial 1 Isotherm



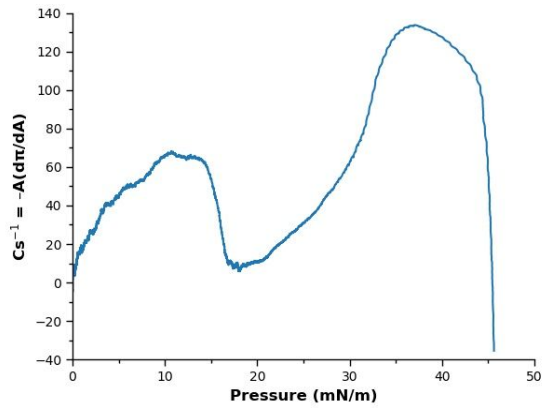
INS on Water 10-14-19 Trial 1 Compression Modulus



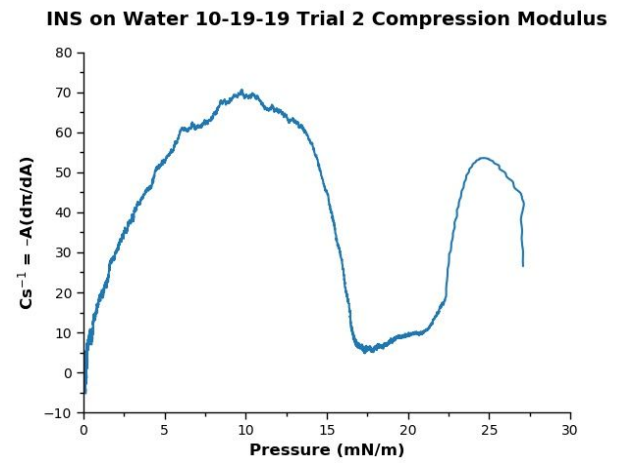
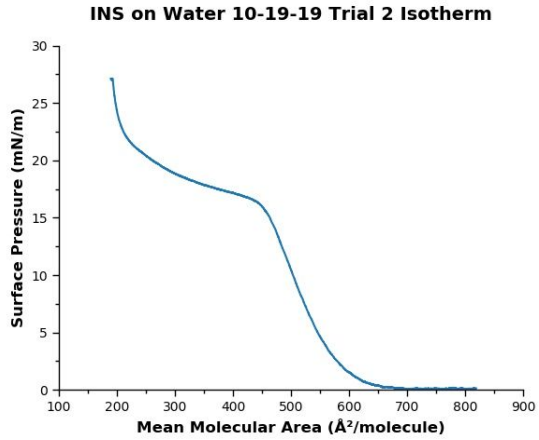
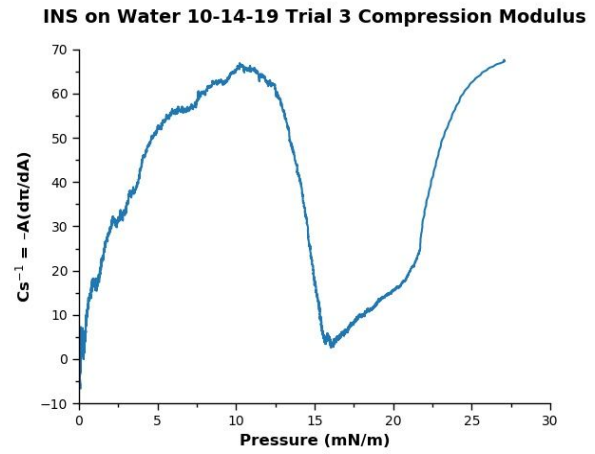
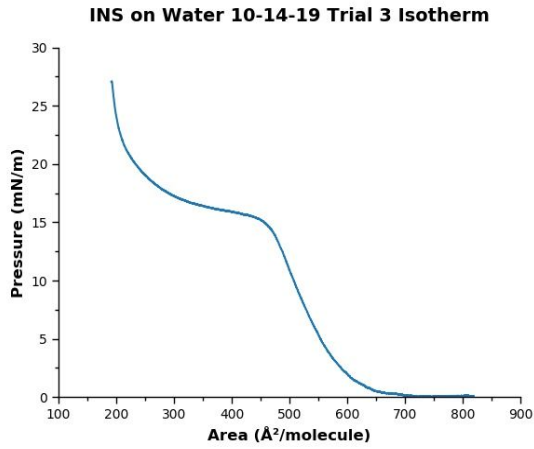
INS on Water 10-14-19 Trial 2 Isotherm



INS on Water 10-14-19 Trial 2 Compression Modulus

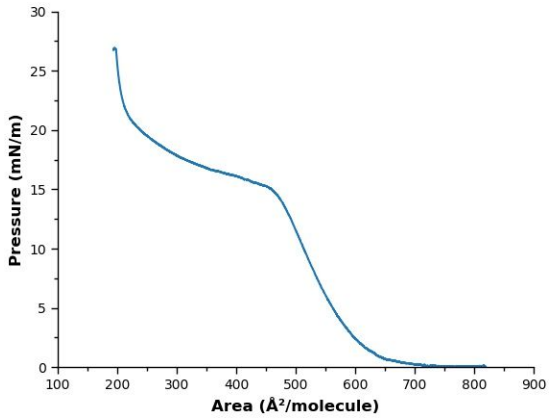


Insulin on Water - Unknown pH (~6.5-7) Continued

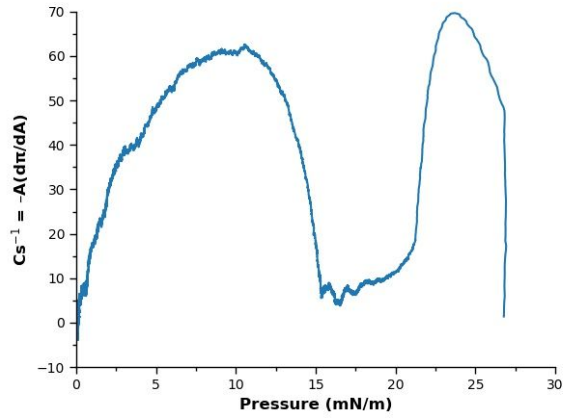


Insulin on Water - pH 7.4

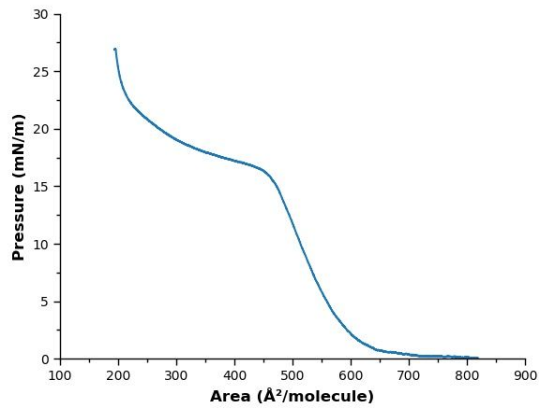
INS on Water 10-21-19 Trial 1 Isotherm



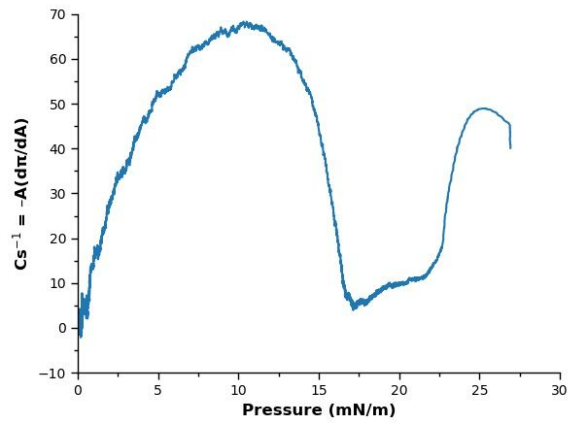
INS on Water 10-21-19 Trial 1 Compression Modulus



INS on Water 10-21-19 Trial 2 Isotherm

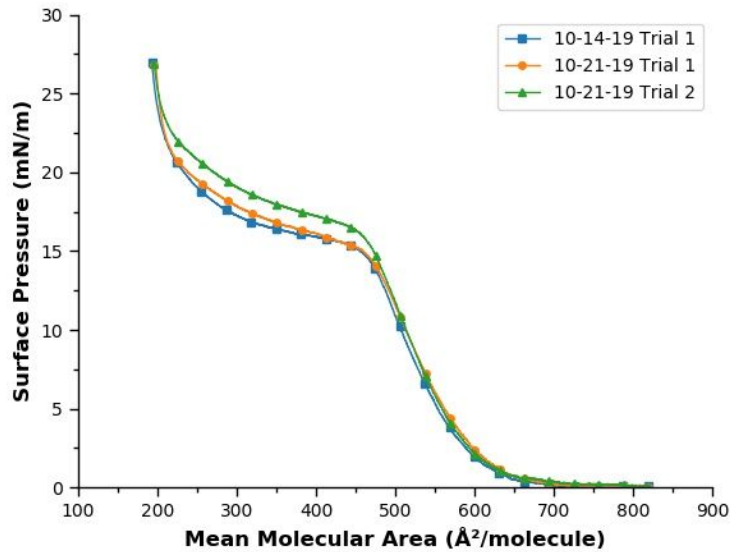


INS on Water 10-21-19 Trial 2 Compression Modulus

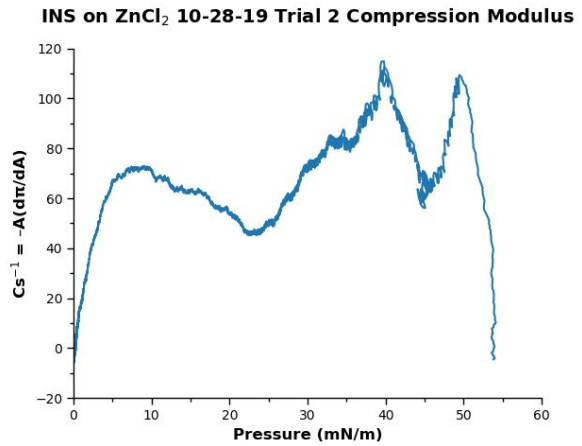
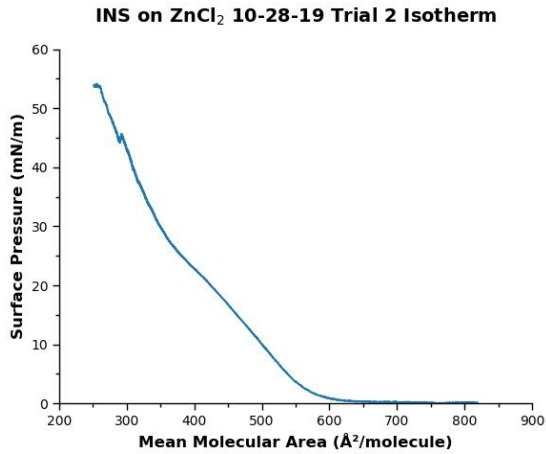
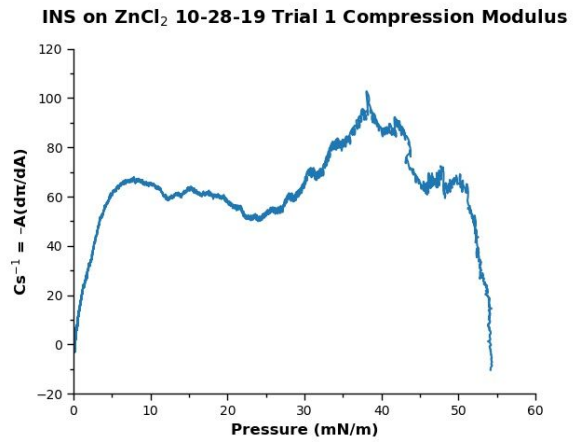
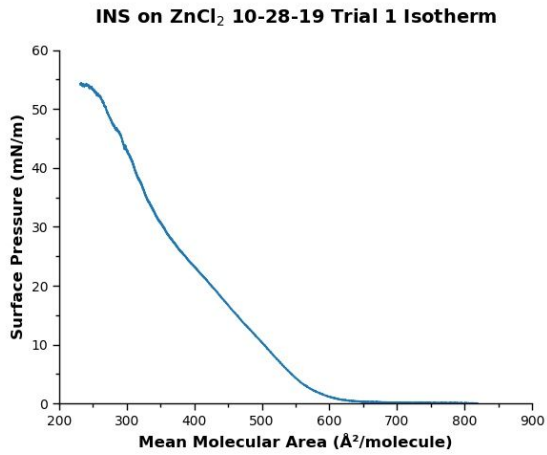


Insulin on Water Reproducibility

Insulin on Water Reproducibility Isotherm

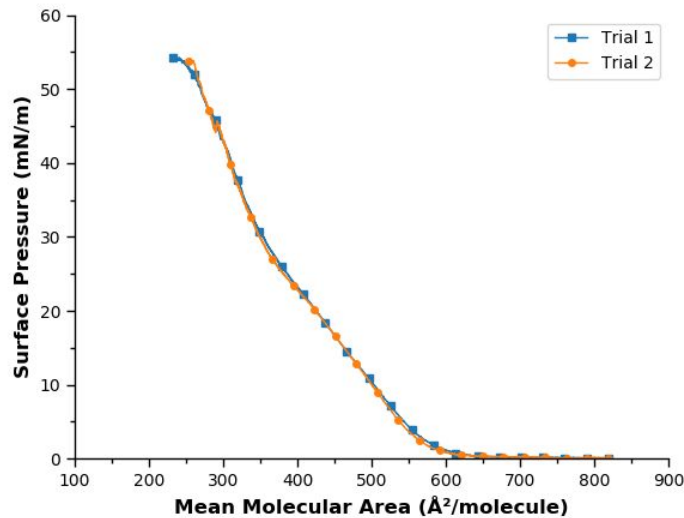


Insulin on ZnCl_2 - pH 7.4



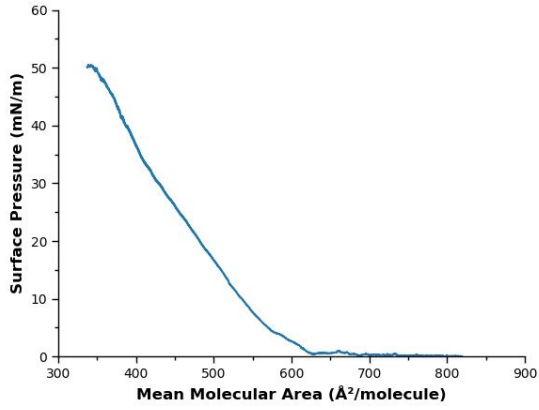
Insulin on Zinc Reproducibility

INS on ZnCl_2 Reproducibility Isotherm

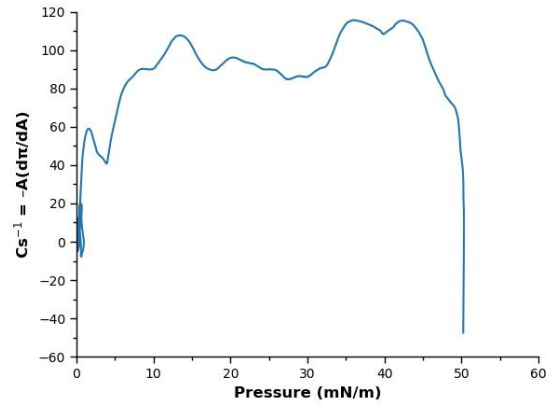


Insulin on CuCl_2

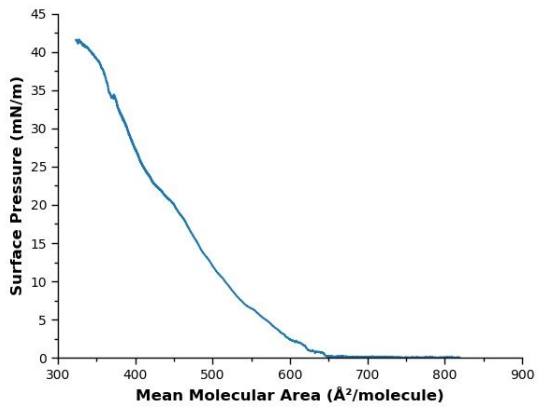
INS on CuCl_2 11-1-19 Trial 1 Isotherm



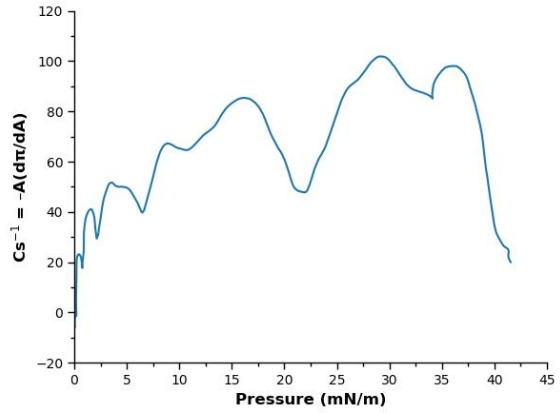
INS on CuCl_2 11-1-19 Trial 1 Compression Modulus



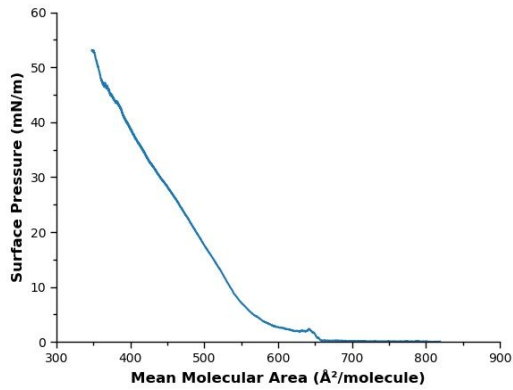
INS on CuCl_2 11-1-19 Trial 2 Isotherm



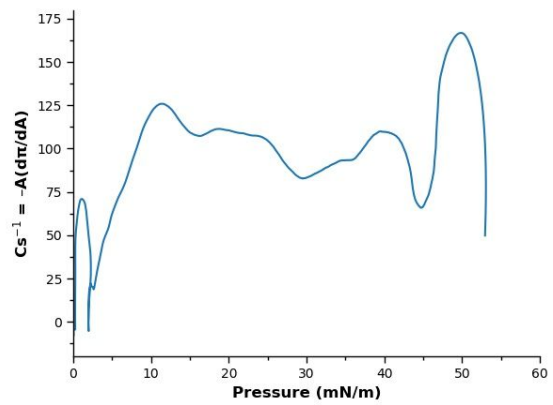
INS on CuCl_2 11-1-19 Trial 2 Compression Modulus



INS on CuCl_2 11-1-19 Trial 3 Isotherm

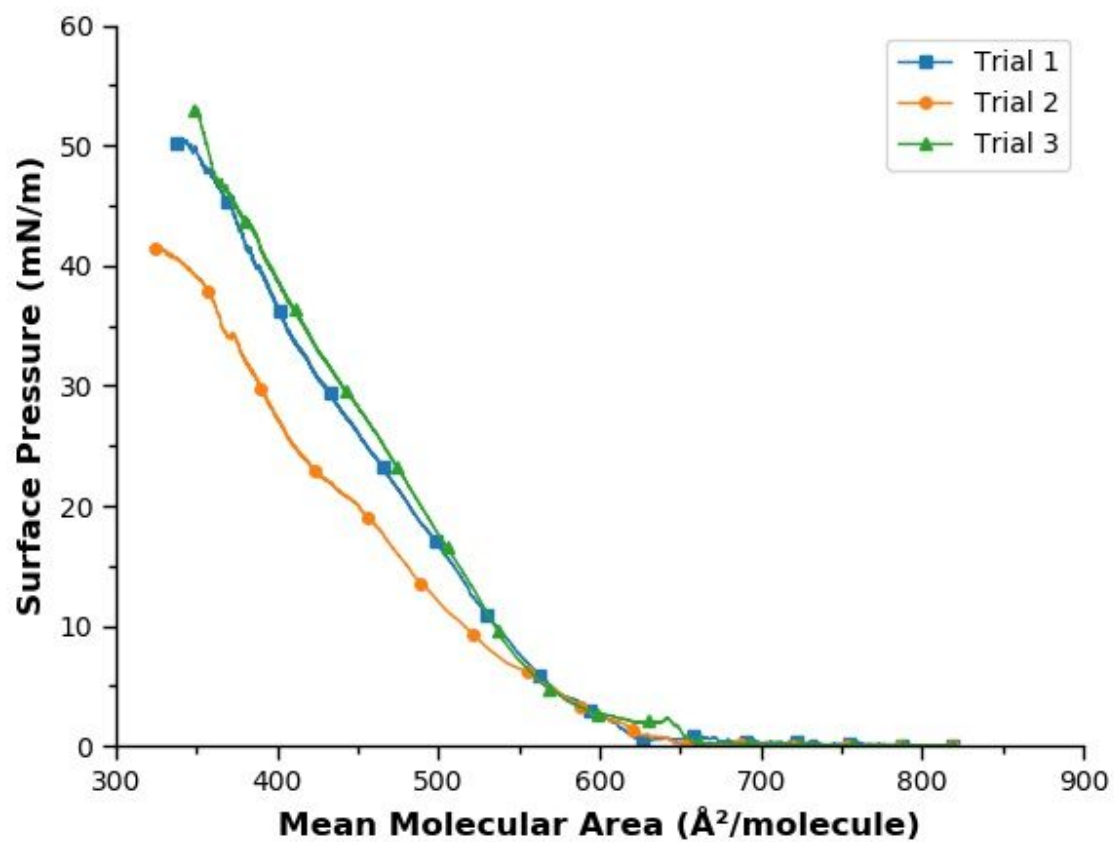


INS on CuCl_2 11-1-19 Trial 3 Compression Modulus

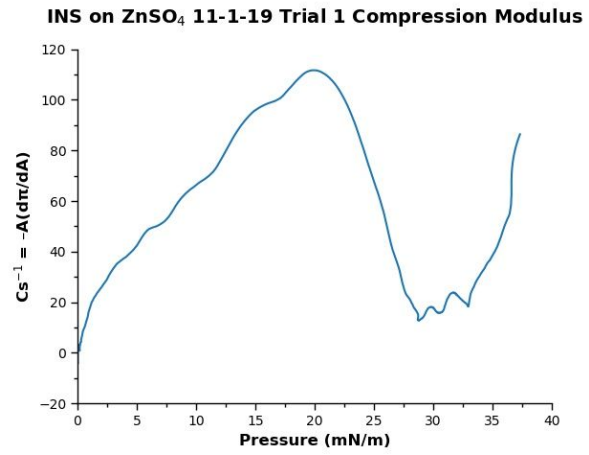
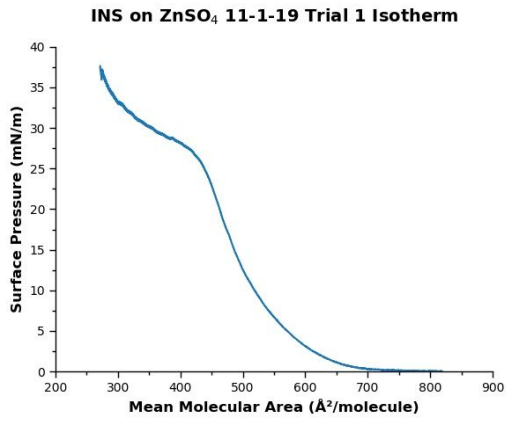


Insulin on CuCl₂ Reproducibility

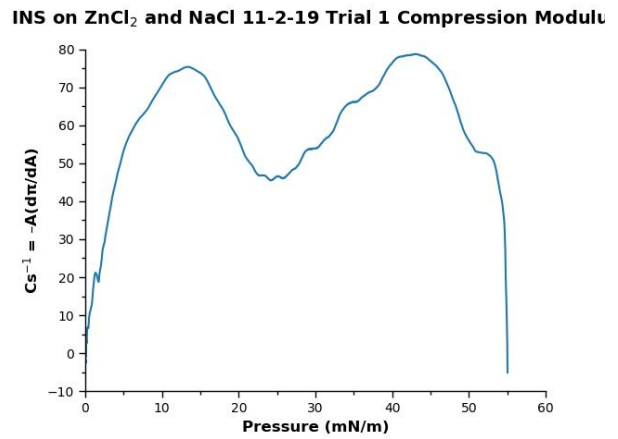
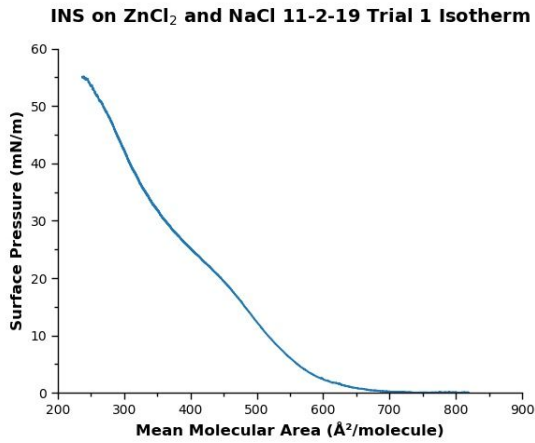
INS on CuCl₂ Reproducibility Isotherm



Insulin on ZnSO₄

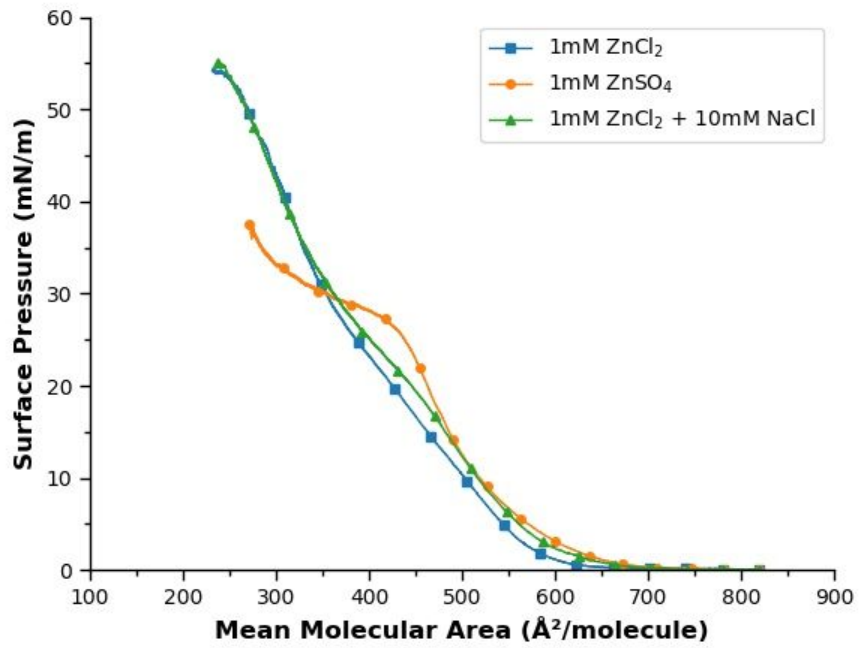


Insulin on ZnCl₂ + NaCl



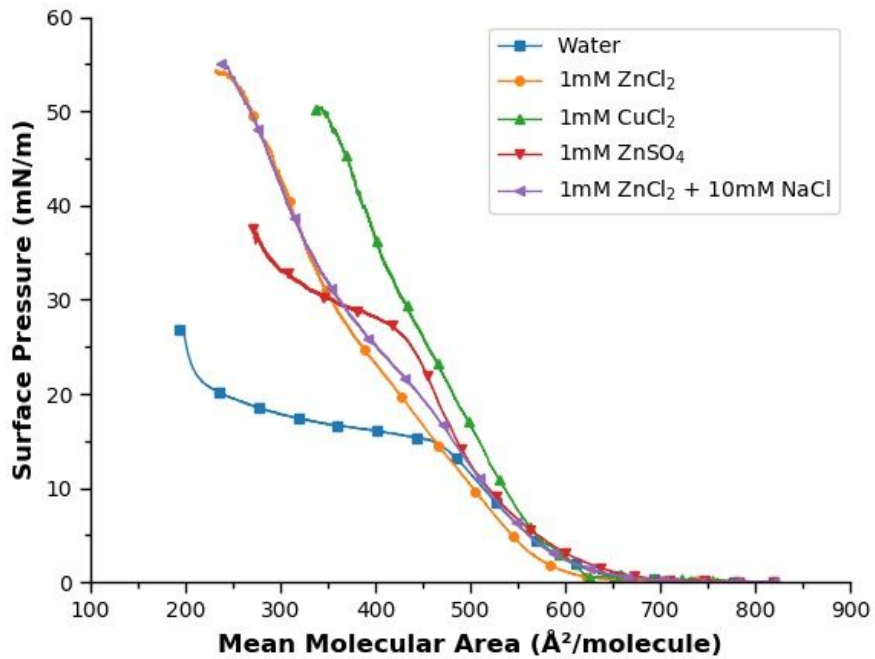
Insulin Zinc Comparison

Insulin ZnCl Trials Isotherm



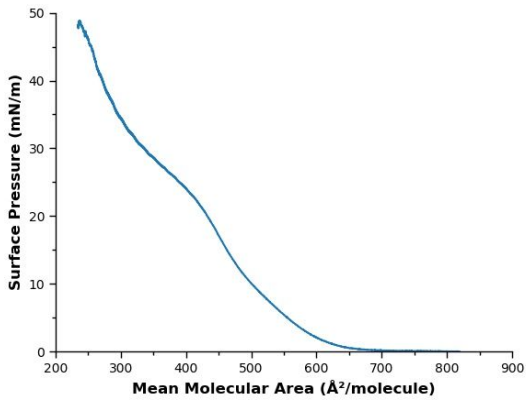
Insulin T_3R_3 (?) Subphase Comparison

Insulin Subphase Comparison Isotherm

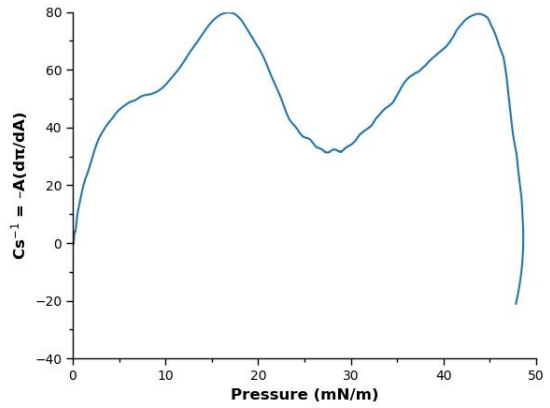


Insulin on ZnCl₂ and Phenol

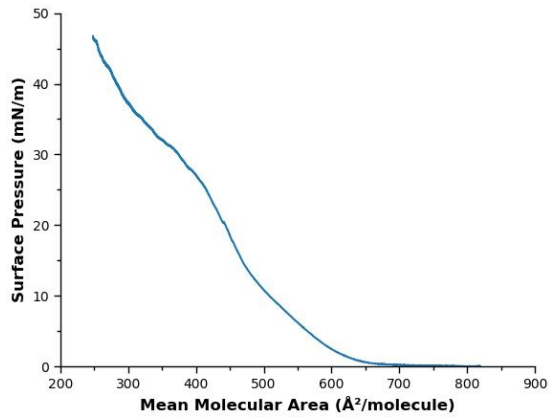
INS on ZnCl₂ and Phenol 11-4-19 Trial 1 Isotherm



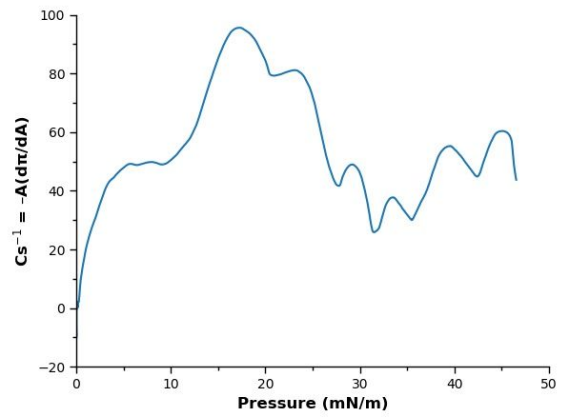
NS on ZnCl₂ and Phenol 11-4-19 Trial 1 Compression Modul



INS on ZnCl₂ and Phenol 11-4-19 Trial 2 Isotherm

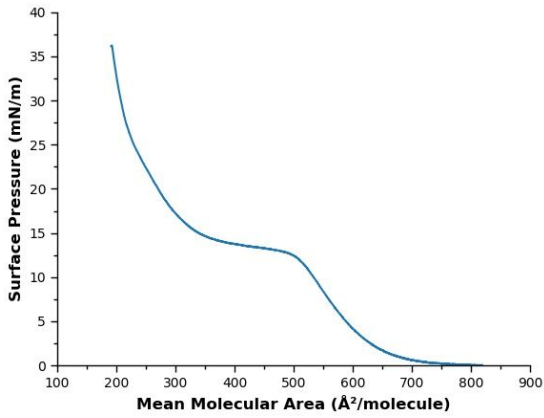


NS on ZnCl₂ and Phenol 11-4-19 Trial 2 Compression Modul

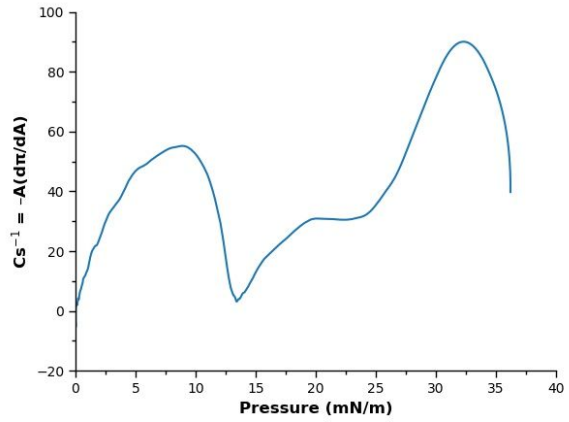


Insulin pH Trials

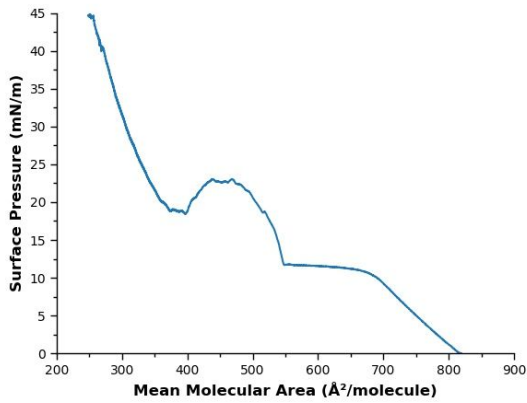
INS on pH 3.3 ZnCl₂ 11-9-19 Trial 1 Isotherm



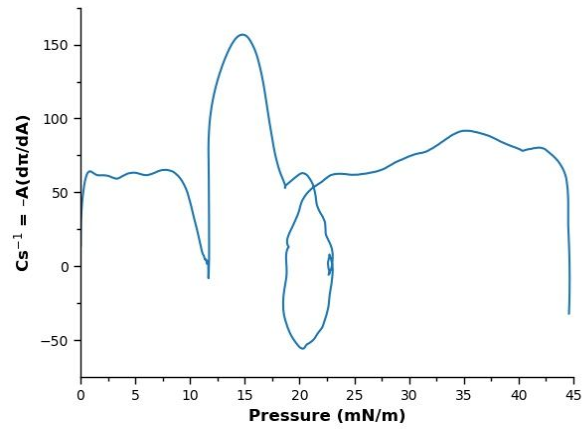
INS on pH 3.3 ZnCl₂ 11-9-19 Trial 1 Compression Modulus



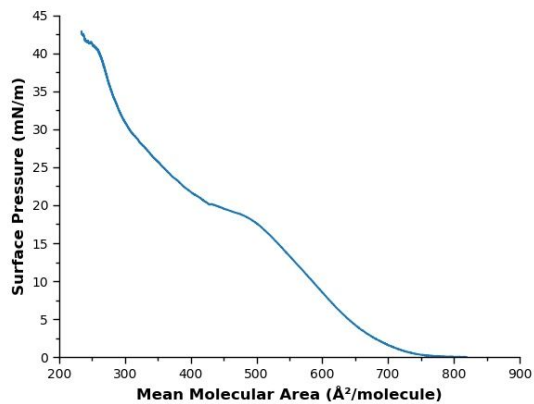
INS on pH 5.35 ZnCl₂ 11-9-19 Trial 1 Isotherm



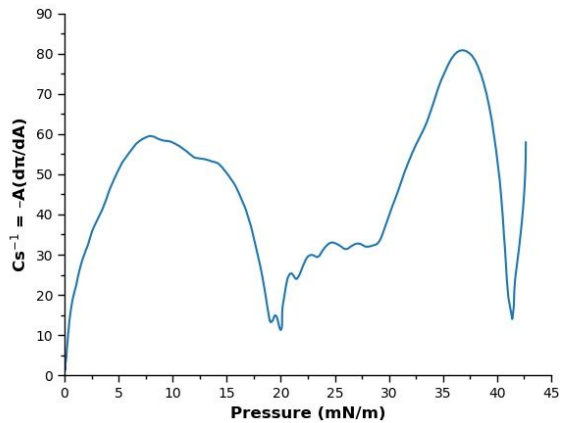
INS on pH 5.35 ZnCl₂ 11-9-19 Trial 1 Compression Modulus



INS on pH 5.35 ZnCl₂ 11-9-19 Trial 2 Isotherm

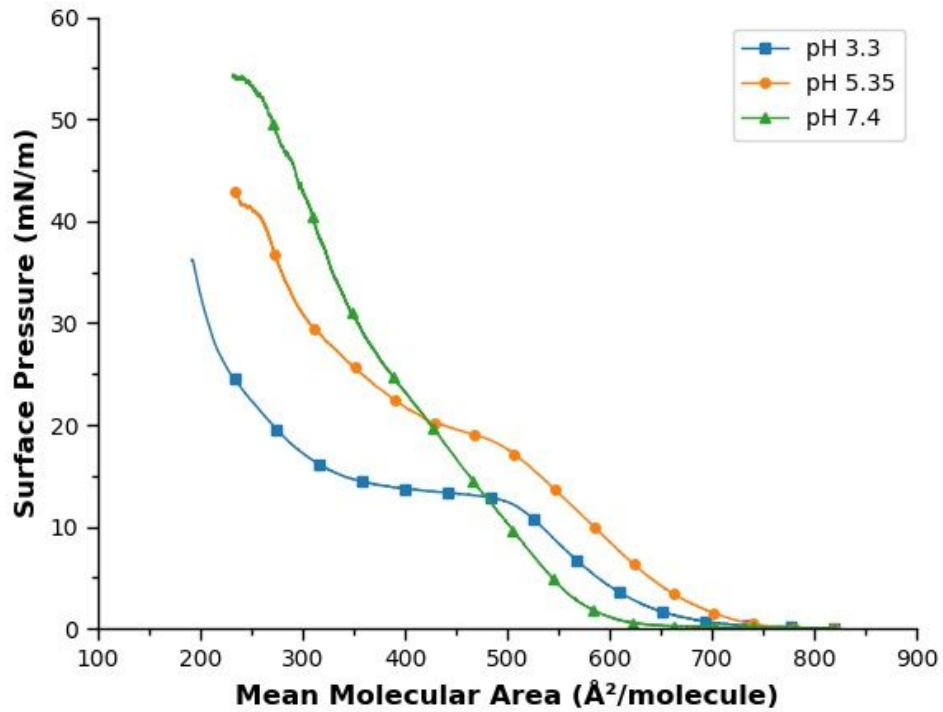


INS on pH 5.35 ZnCl₂ 11-9-19 Trial 2 Compression Modulus

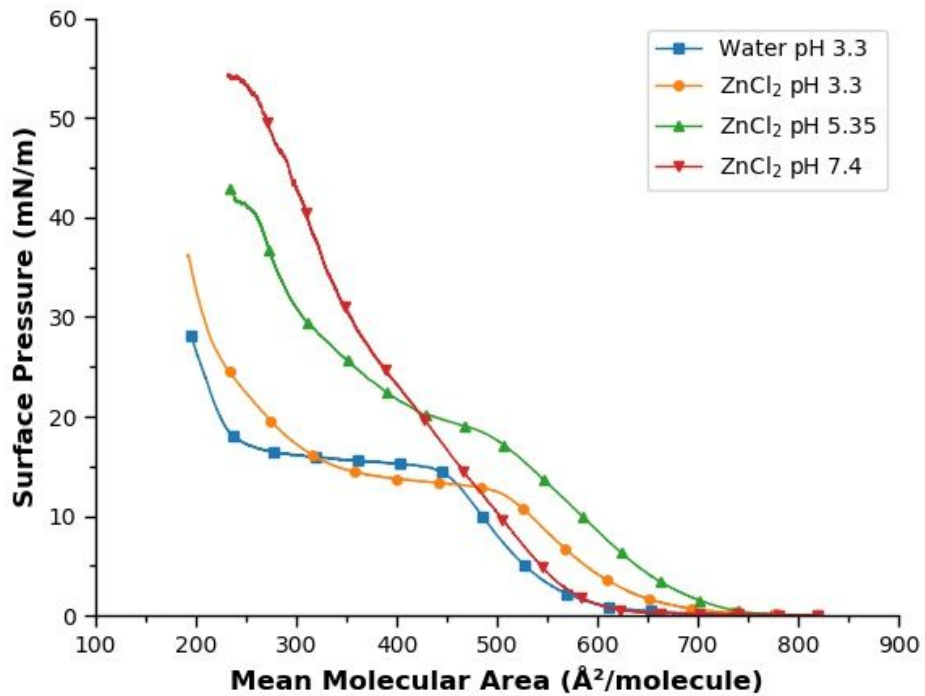


Insulin pH on Zinc Comparison

Insulin pH Comparison ZnCl₂ Isotherm

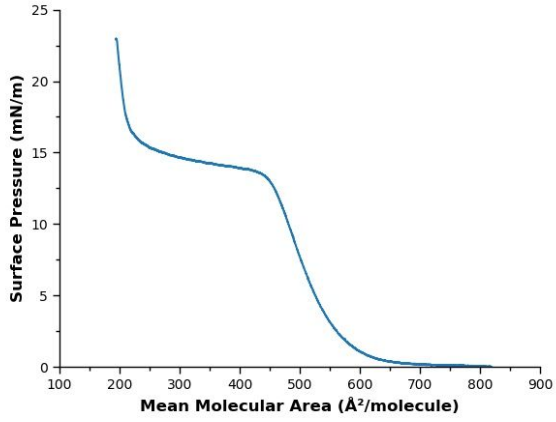


Insulin on ZnCl₂ pH Trials Isotherm

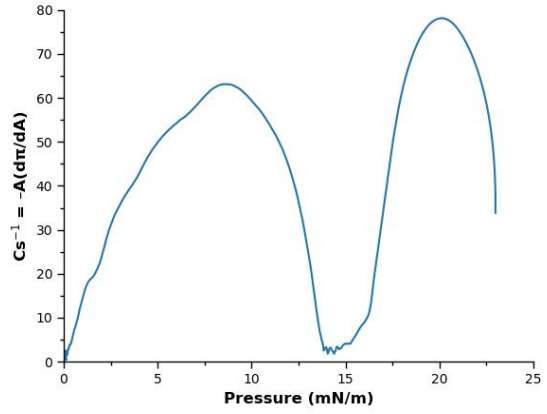


Insulin on Water pH 3.3 Trials

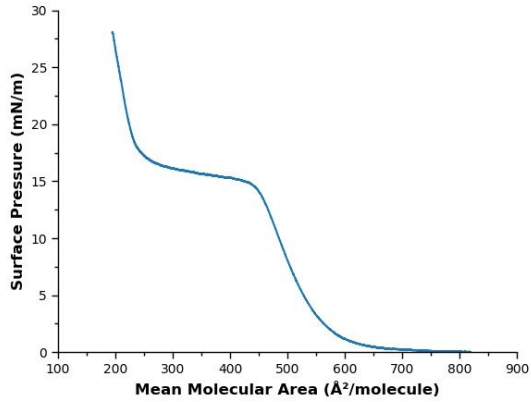
INS on Water pH 3.3 11-15-19 Trial 1 Isotherm



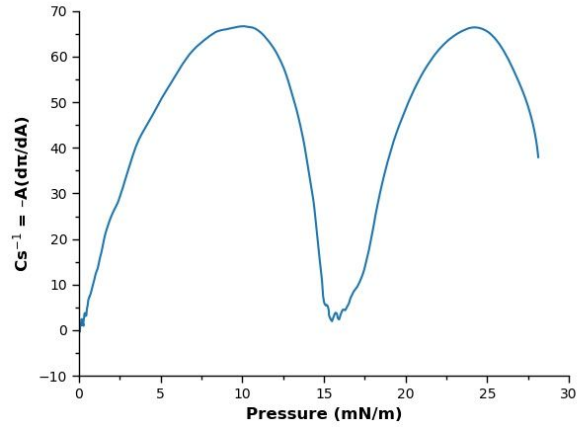
INS on Water pH 3.3 11-15-19 Trial 1 Compression Modulus



INS on Water pH 3.3 11-15-19 Trial 2 Isotherm

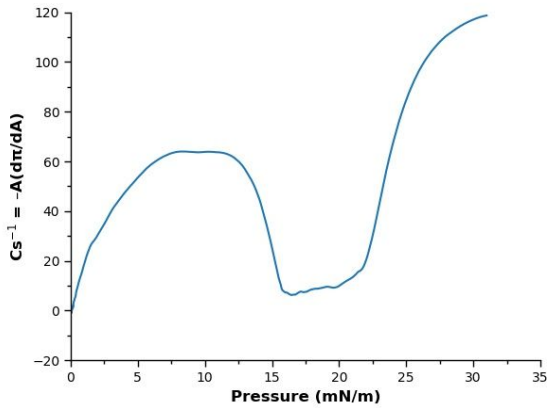


INS on Water pH 3.3 11-15-19 Trial 2 Compression Modulus

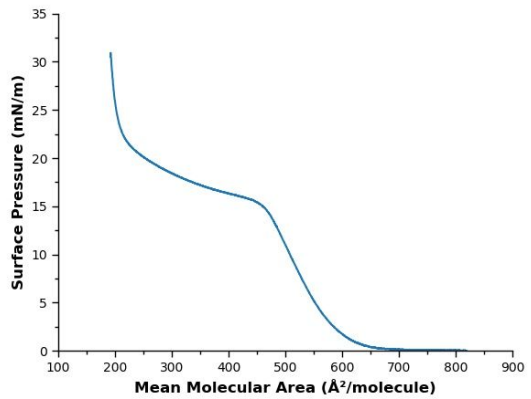


Insulin on Water pH 5.35 Trials

INS on Water pH 5.35 11-16-19 Trial 1 Compression Modulus

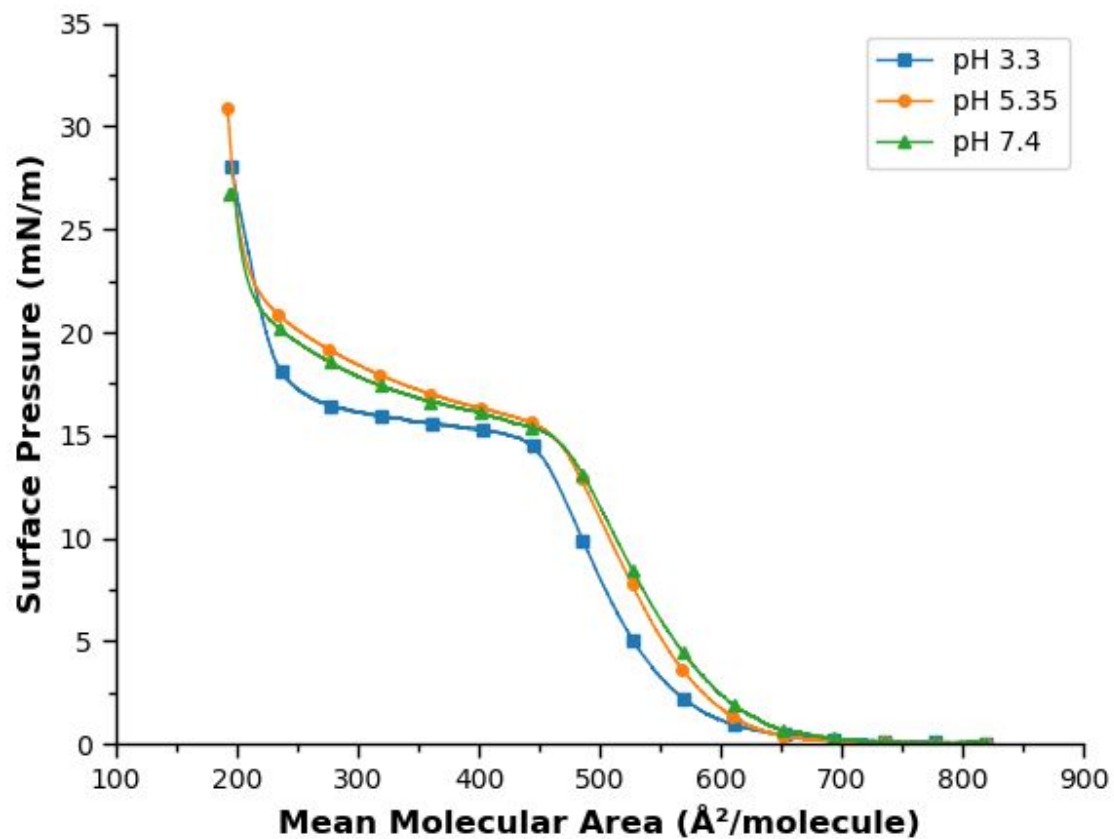


INS on Water pH 5.35 11-16-19 Trial 1 Isotherm



Insulin on Water pH Comparison

Insulin on Water pH Trials Isotherm



Insulin Conformation Comparison Isotherm

