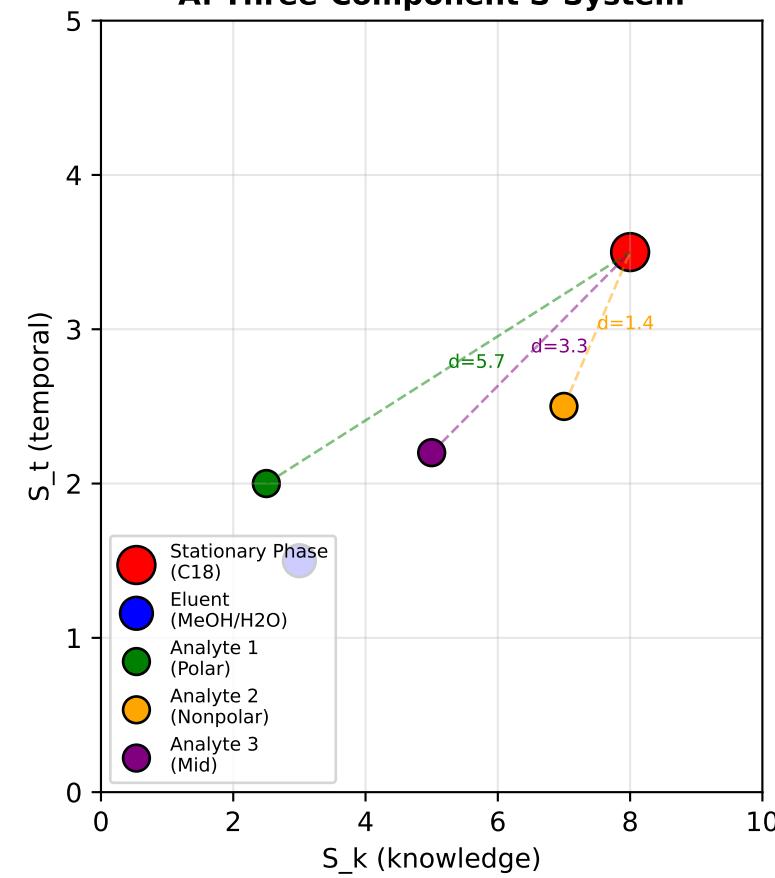
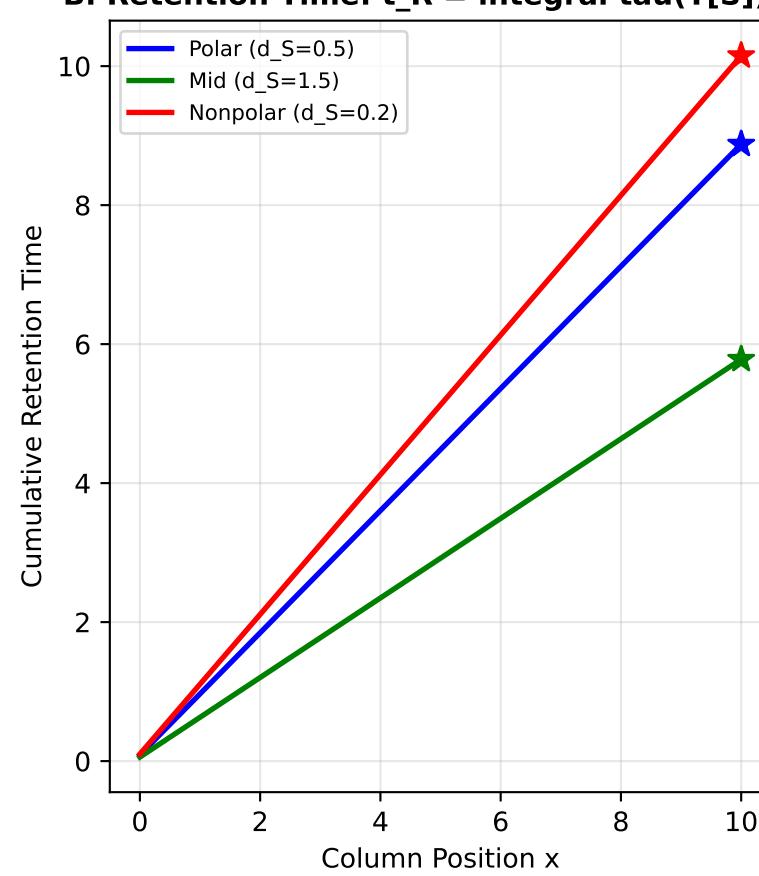


## Section 6: Chromatography - Experimental Validation

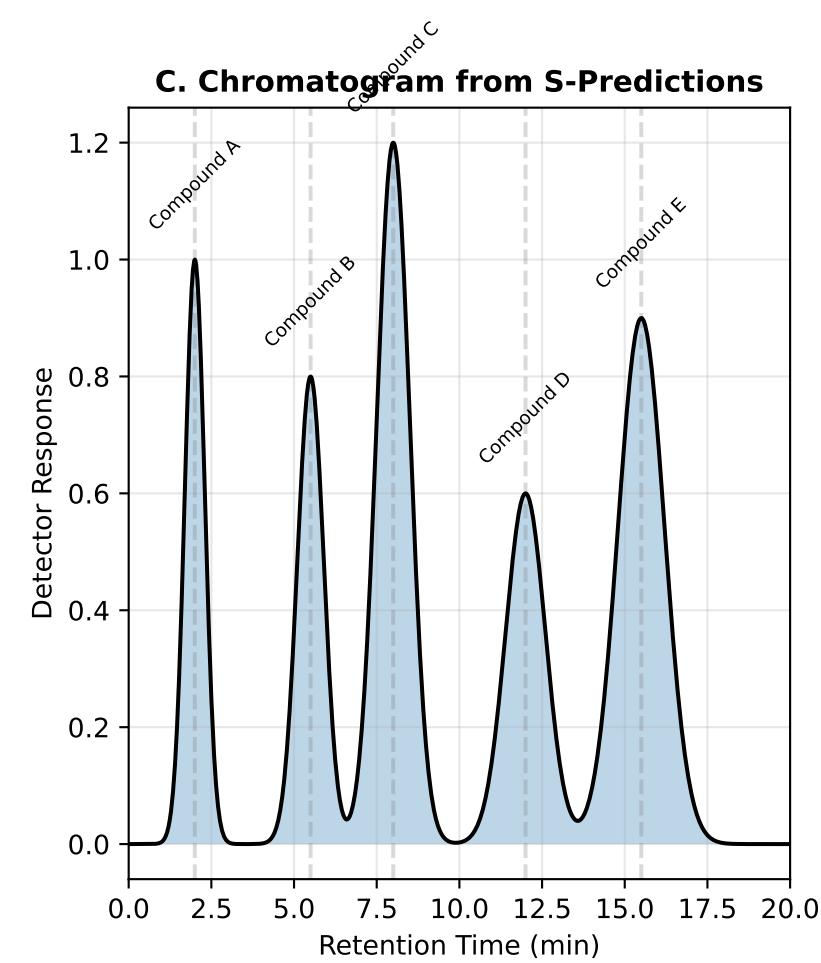
**A. Three-Component S-System**



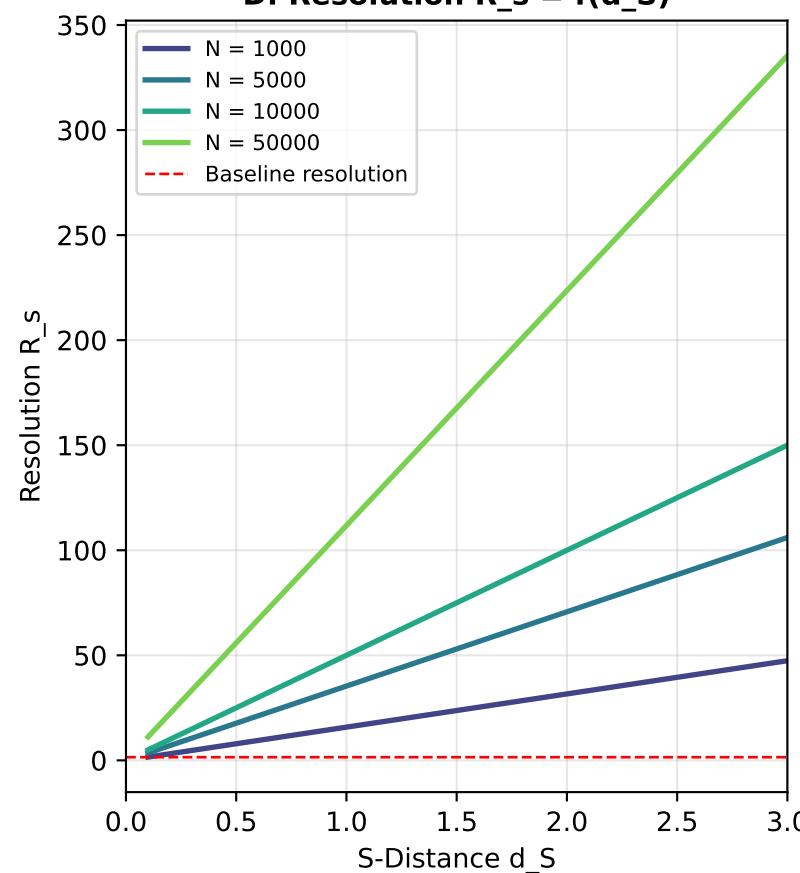
**B. Retention Time:  $t_R = \int \tau(T[S]) dx$**



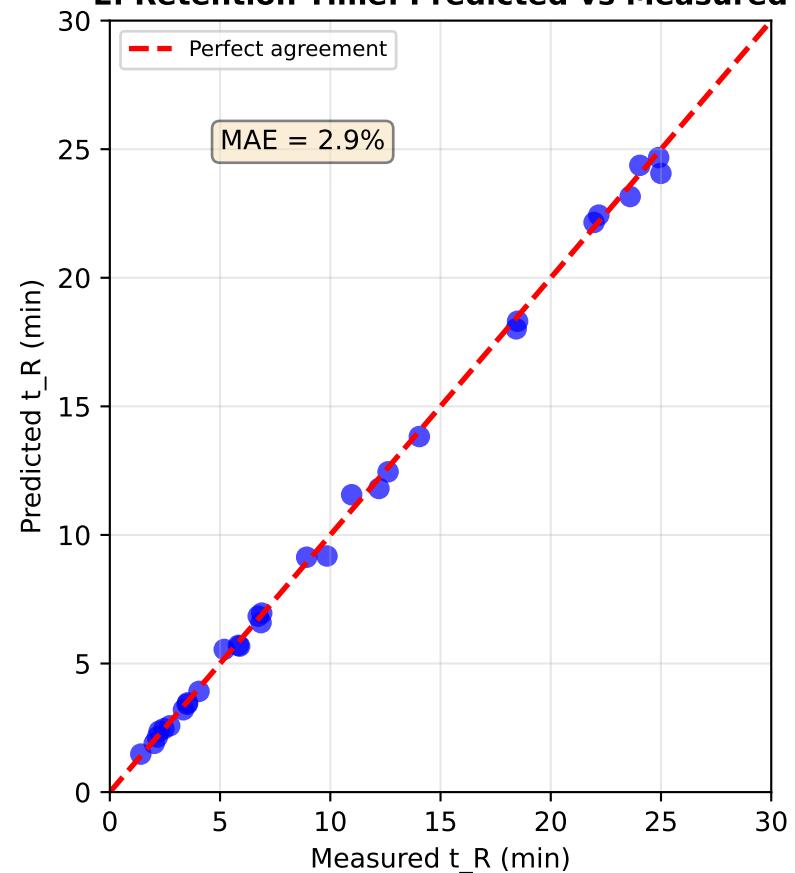
**C. Chromatogram from S-Predictions**



**D. Resolution  $R_s = f(d_S)$**



**E. Retention Time: Predicted vs Measured**



**F. Platform Independence**  
(dashed = true value)

