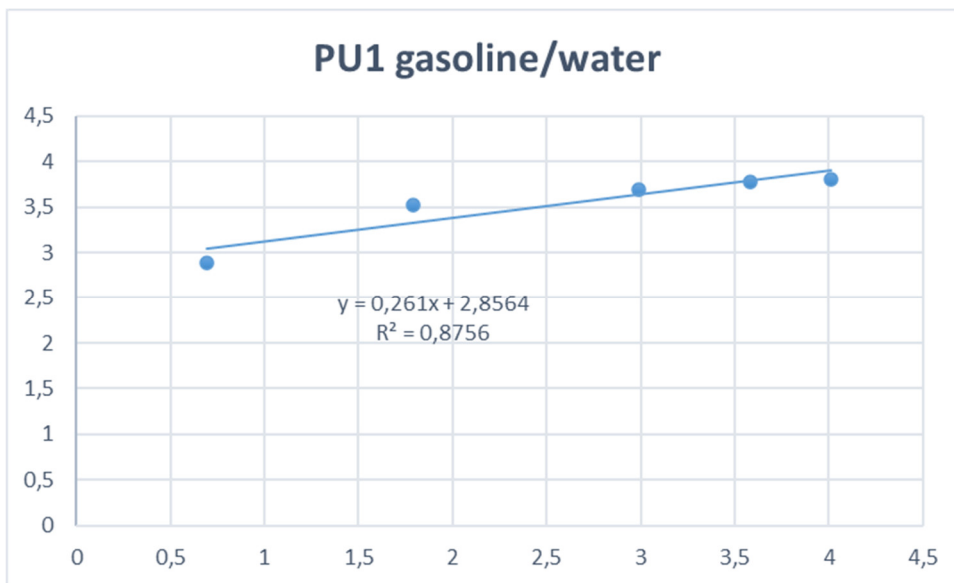
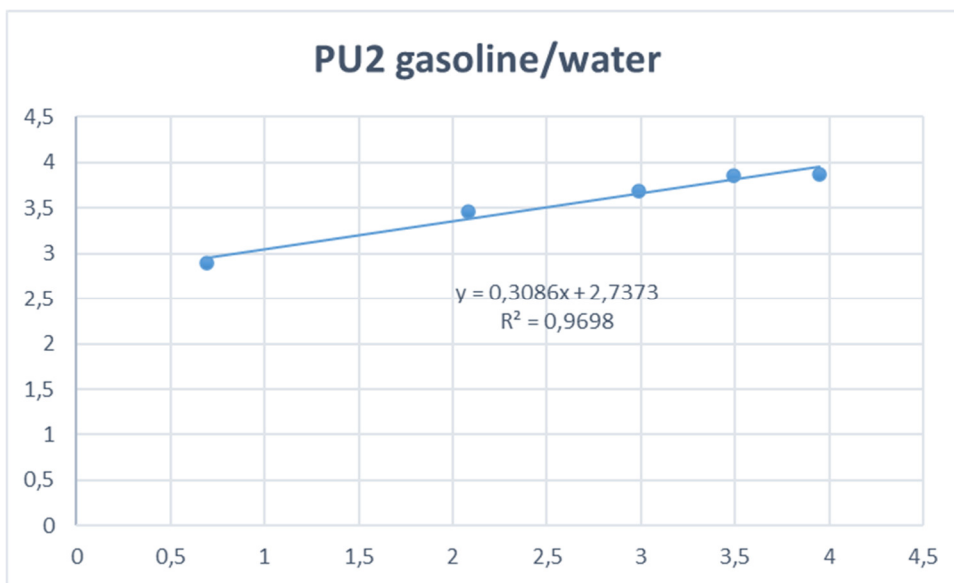


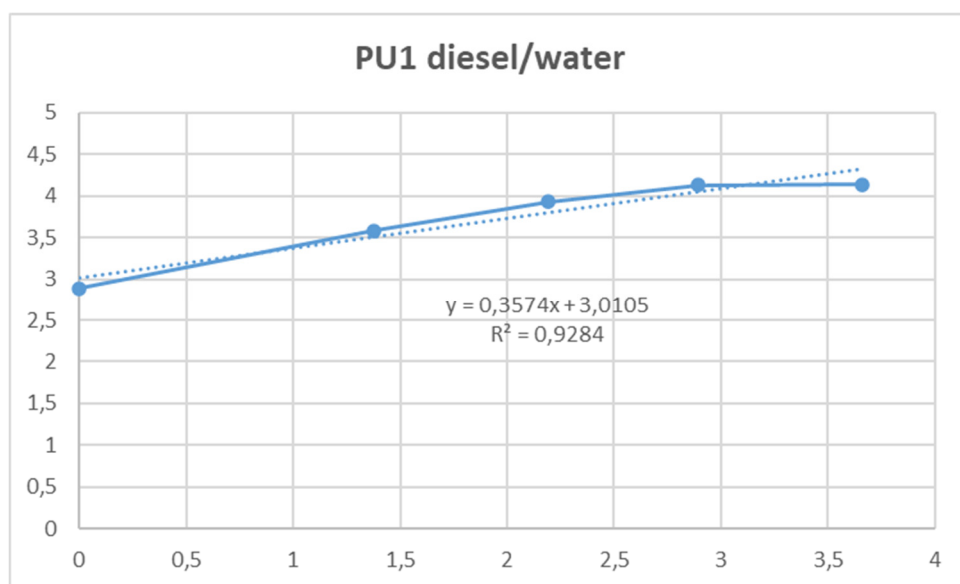
## FREUNDLICH MODEL PLOTS



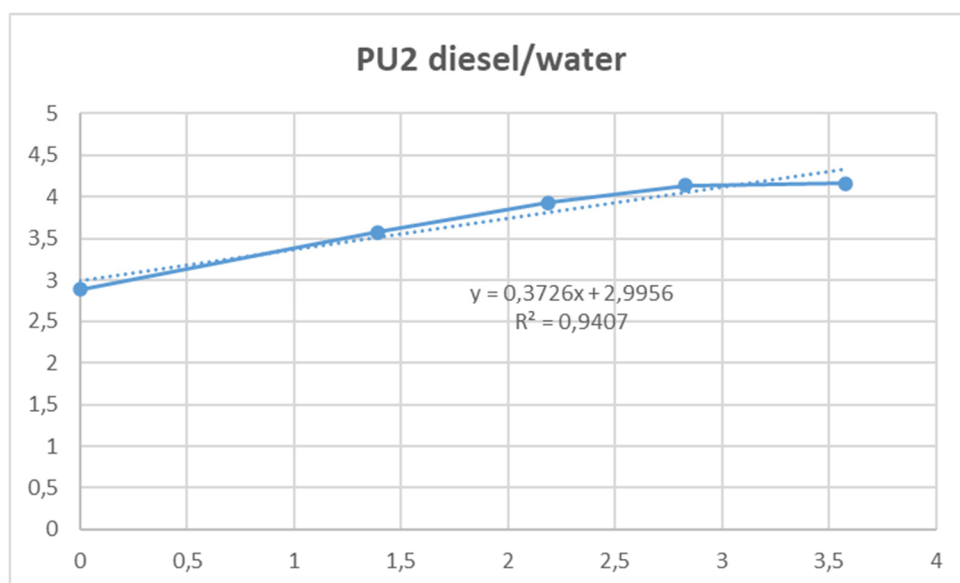
**Figure S1.** Freundlich plot for PU1 in gasoline/water.



**Figure S2.** Freundlich plot for PU2 in gasoline/water system.

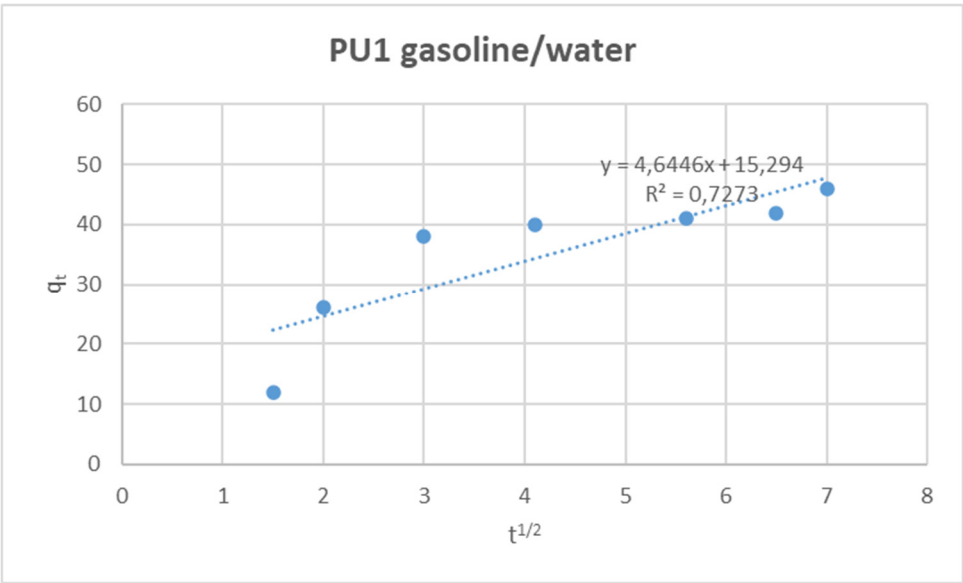


**Figure S3.** Freundlich plot for PU1 in diesel/water.

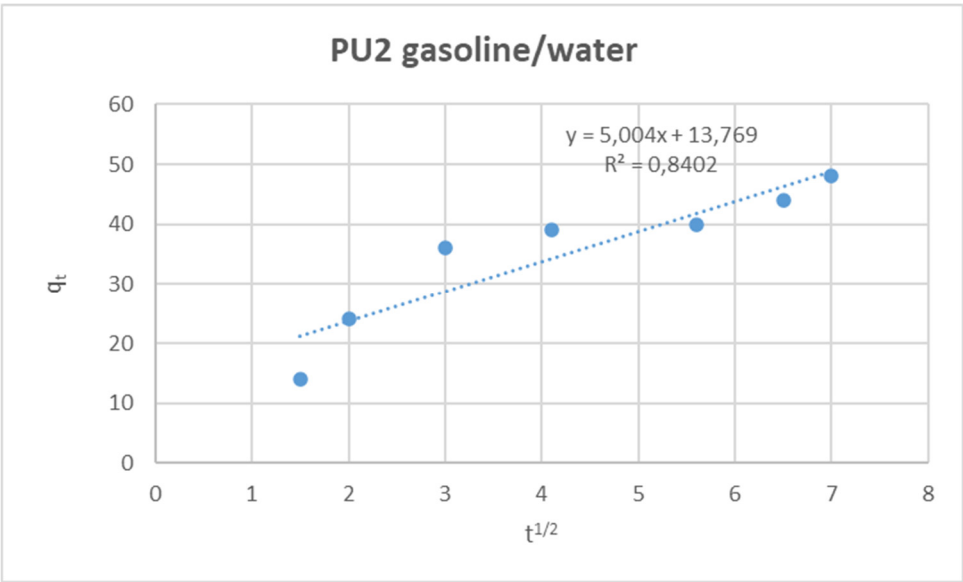


**Figure S4.** Freundlich plot for PU2 in diesel/water.

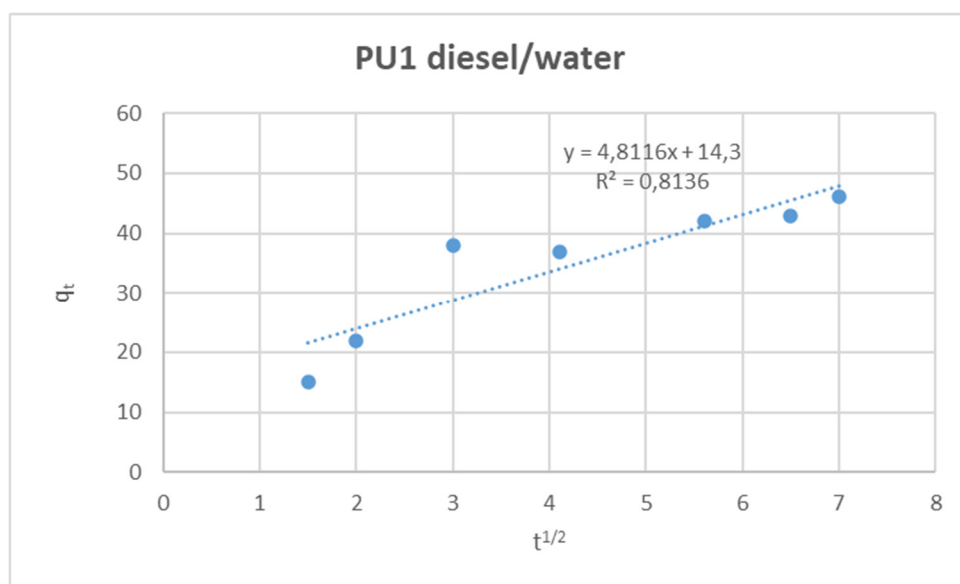
# INTRA-PARTICLE DIFFUSION MODEL PLOTS



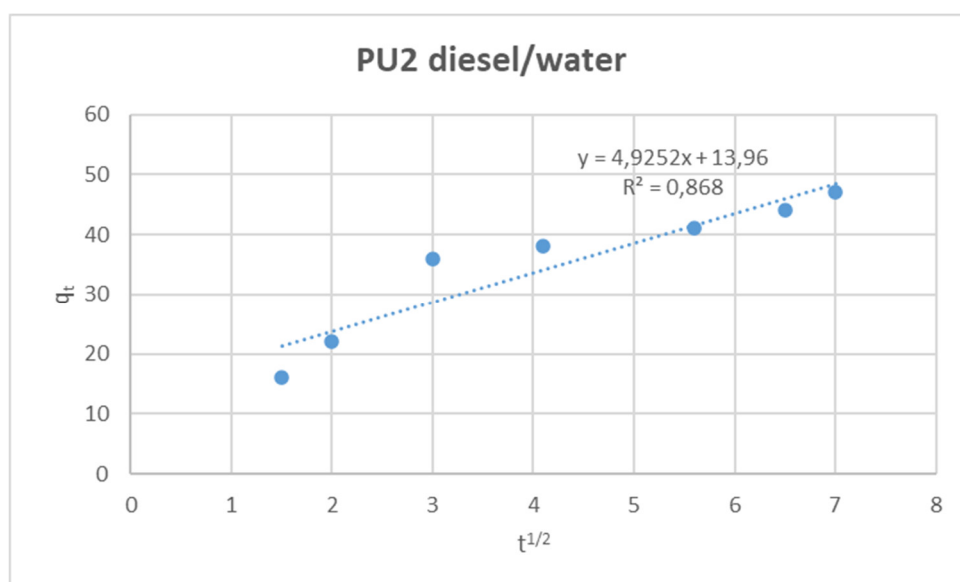
**Figure S5.** Intra-particle diffusion plot for PU1 in gasoline/water.



**Figure S6.** Intra-particle diffusion plot for PU2 in gasoline/water.



**Figure S7.** Intra-particle diffusion plot for PU1 in diesel/water.



**Figure S8.** Intra-particle diffusion plot for PU2 in diesel/water.