Electronic Supplementary Material (ESI) for Analyst.
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Partial Filling Affinity Capillary Electrophoresis including Adsorption Energy Distribution Calculations – Towards Reliable and Feasible Biomolecular Interaction Studies

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Supporting information

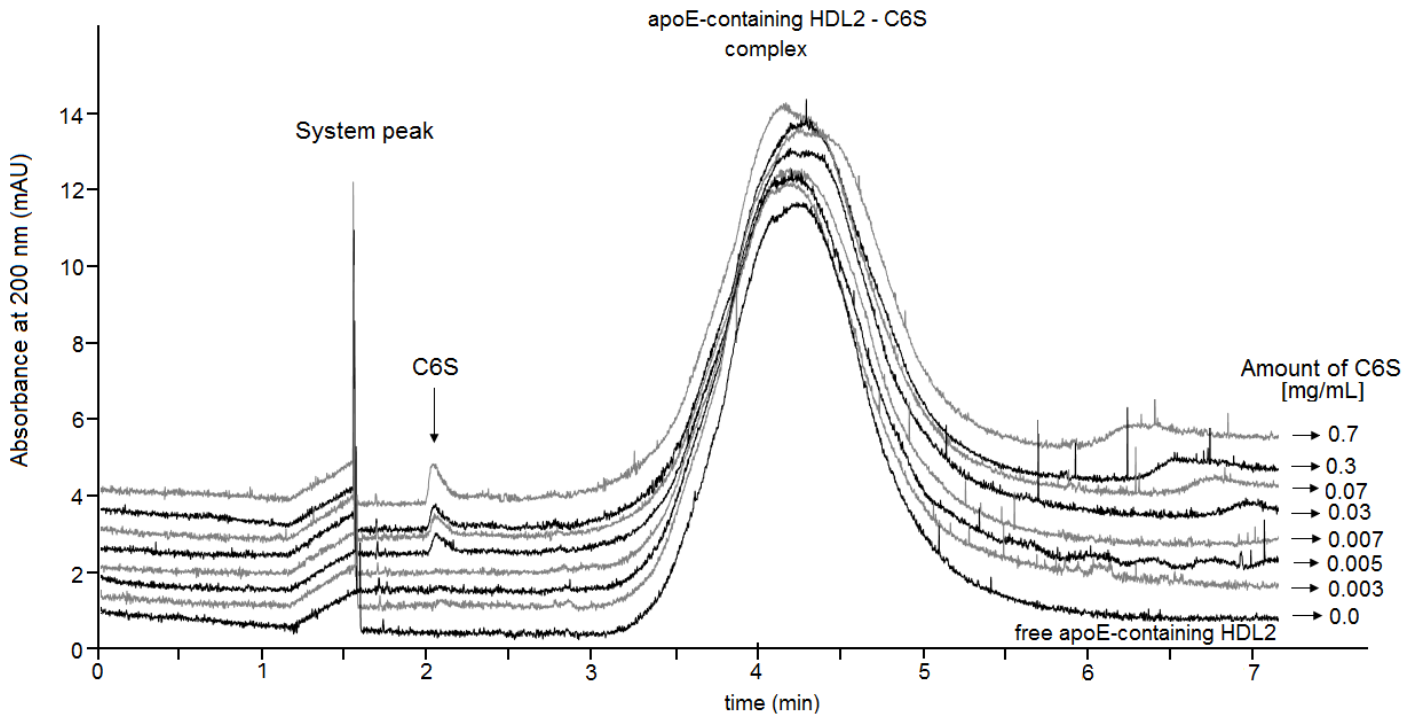

Figure S1. Electropherogram obtained by affinity capillary electrophoresis with partial filled technique are presented as a function of increased concentration of C6S interacting with HDL_2 including apoE. Running conditions: -25 kV, injection time of HDL_2 (containing apoE) 2 s at 50 mbar, injection time of C6S 3 s at 50 mbar, 25 ^{o}C, L_{tot} 38.5 cm, L_{det} 30 cm, UV detection 200 nm, BGE phosphate buffer (pH 7.4, I 20mM), and C6S concentration ranging from 0.0 mg/mL to 1.0 mg/mL.

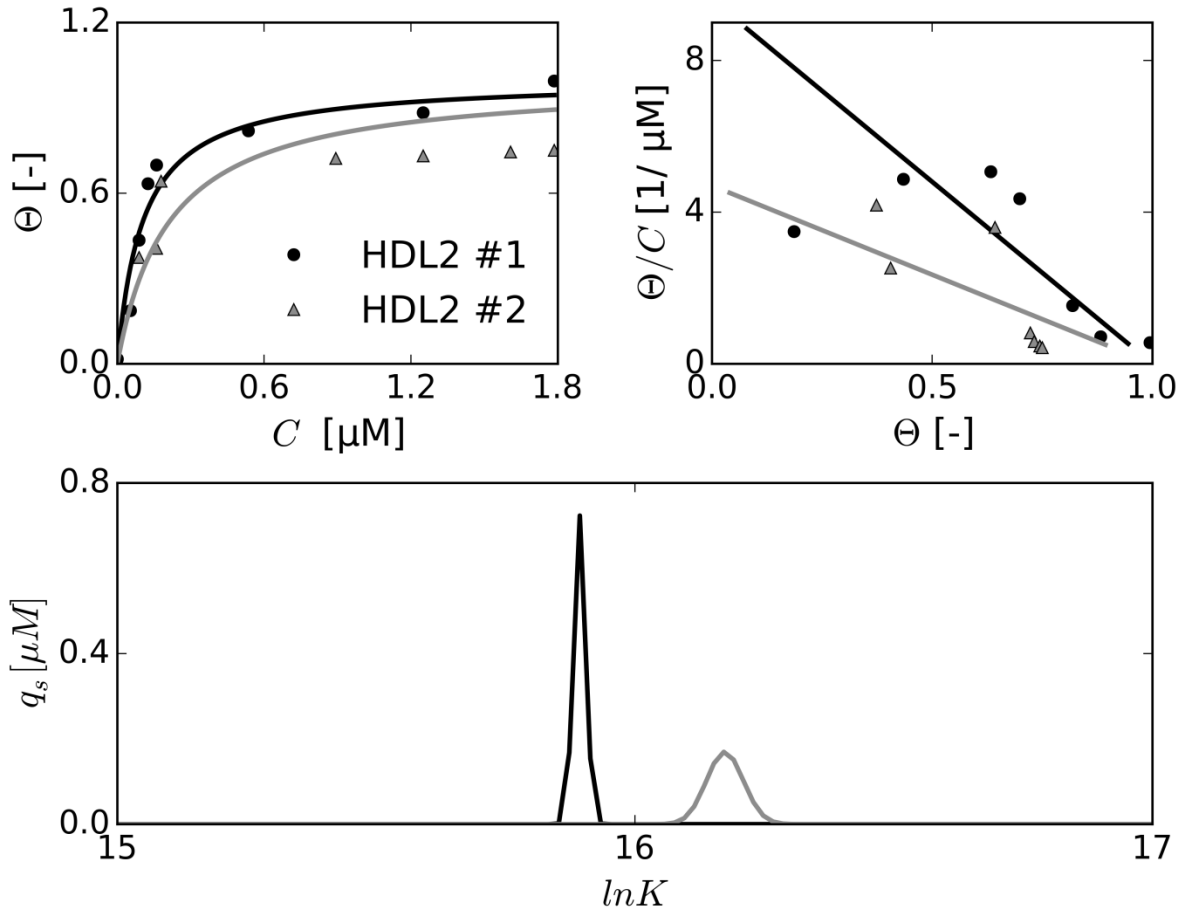

Figure S2. (A) Adsorption isotherm of HDL_2 including apoE, (B) corresponding Scatchard plot and (C) AED calculations for HDL_2 including apoE-C6S system at 25 ºC.