

Bioresources and Bioprocessing

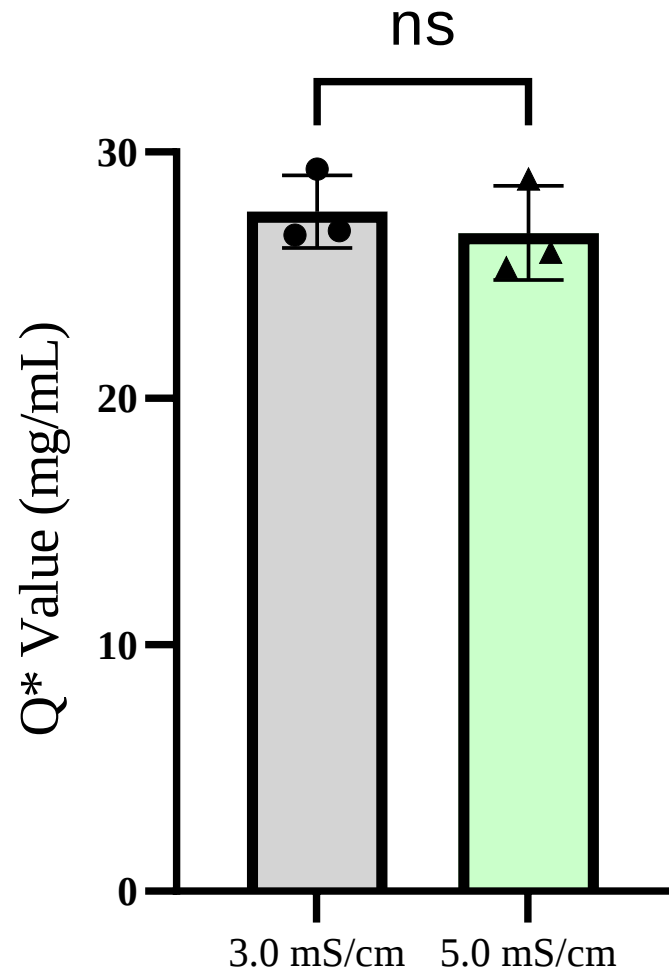
Non-Affinity Platform for Processing Knob-into-Hole Bispecific Antibody

Xiaoyang Wang, Min Li, Mengting Li, Huoyan Hong, Kai Gao, Puya Zhao *

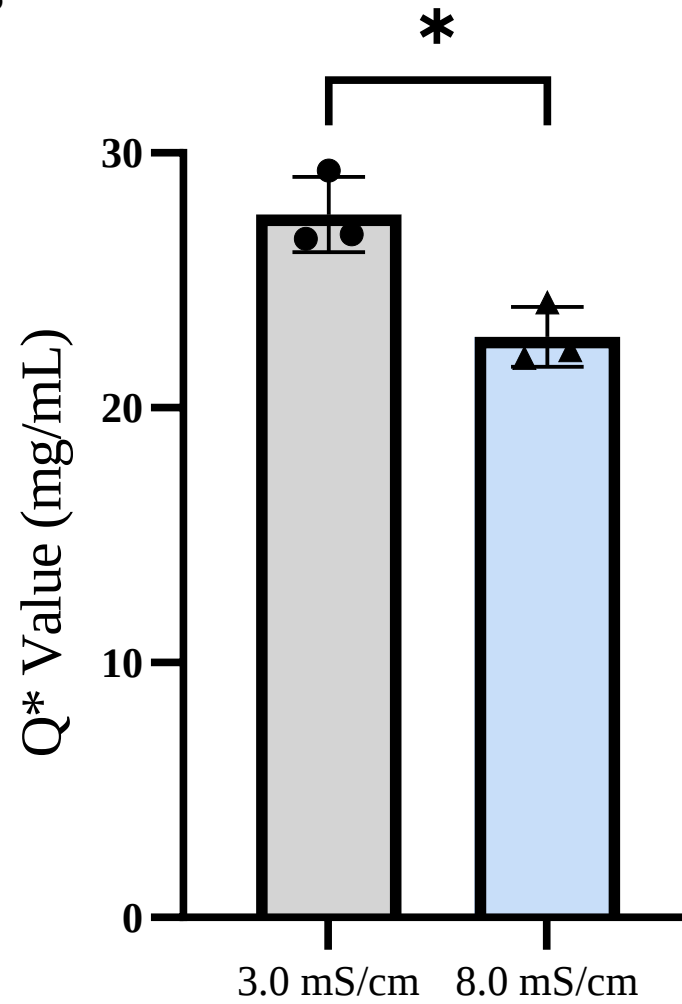
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*Correspondence: zhaopuya0522@asymchem.com.cn

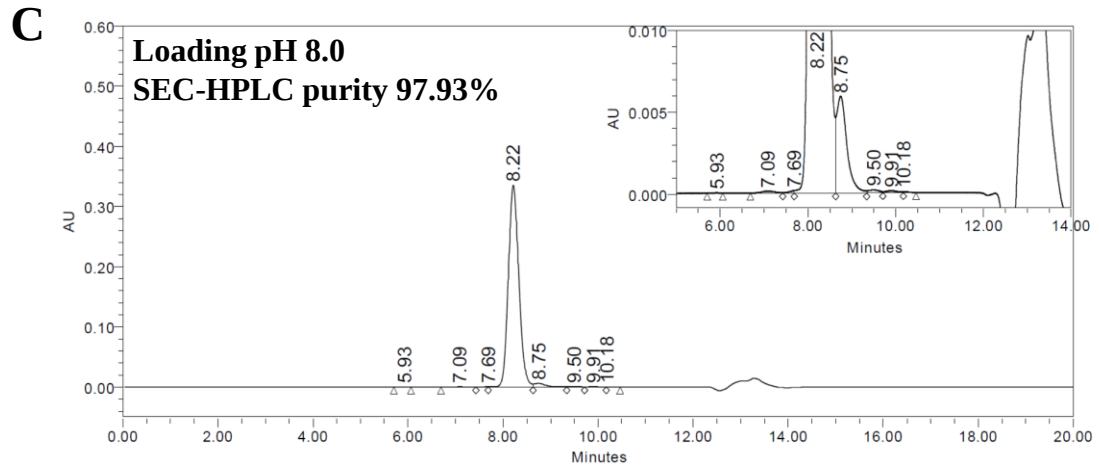
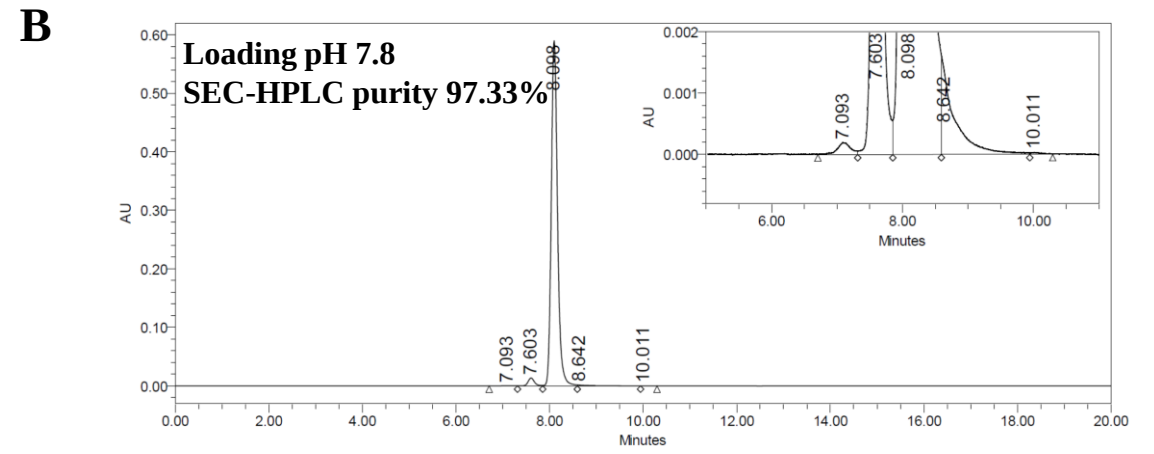
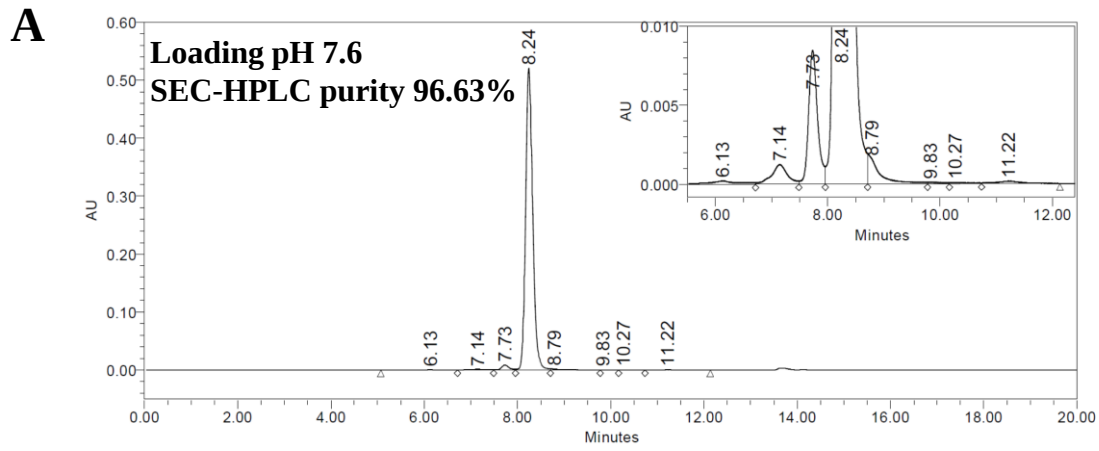
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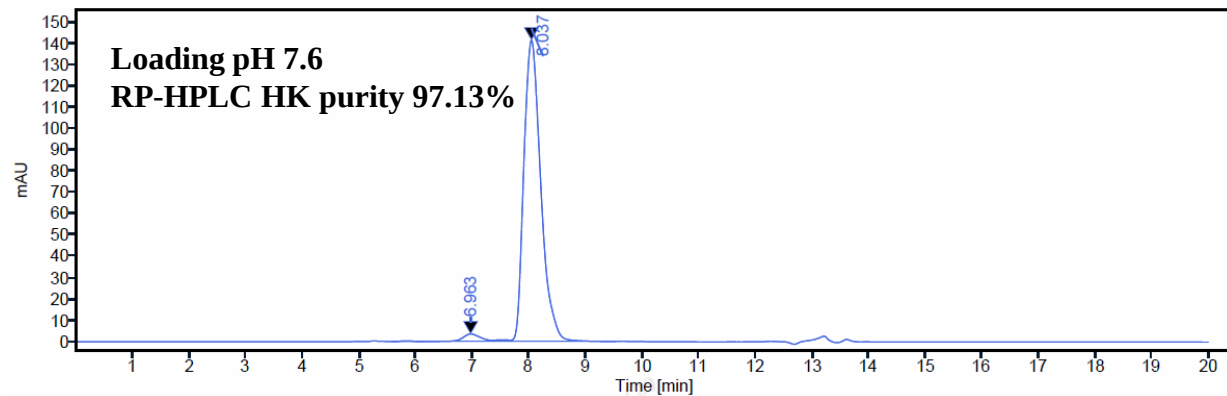
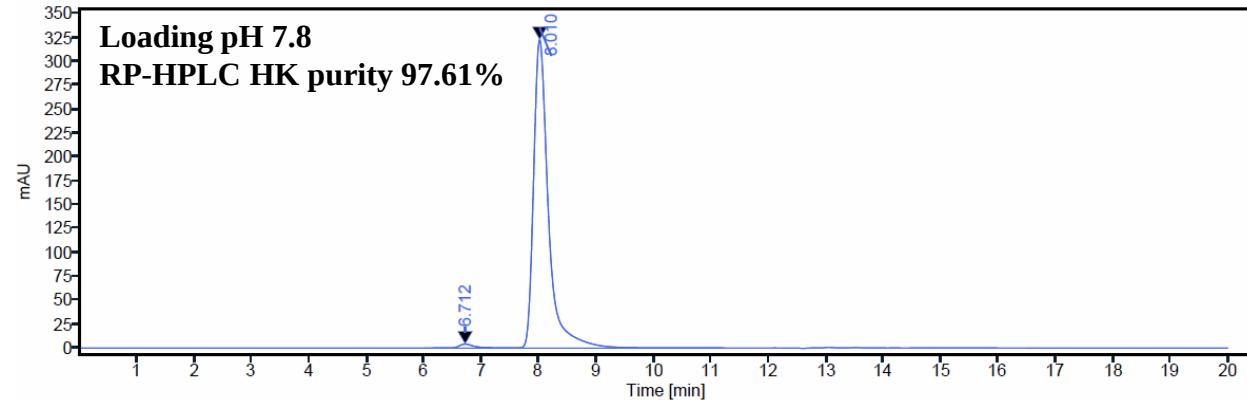
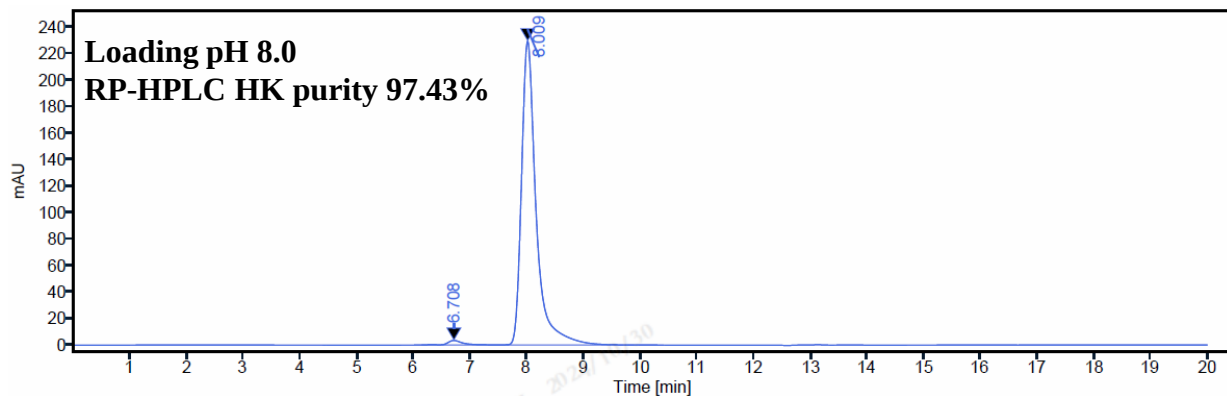
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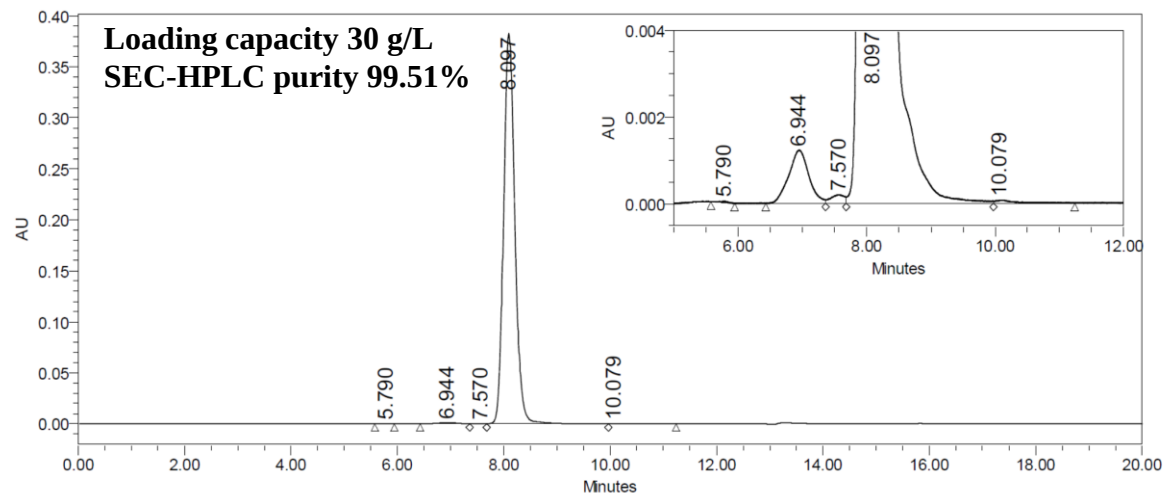
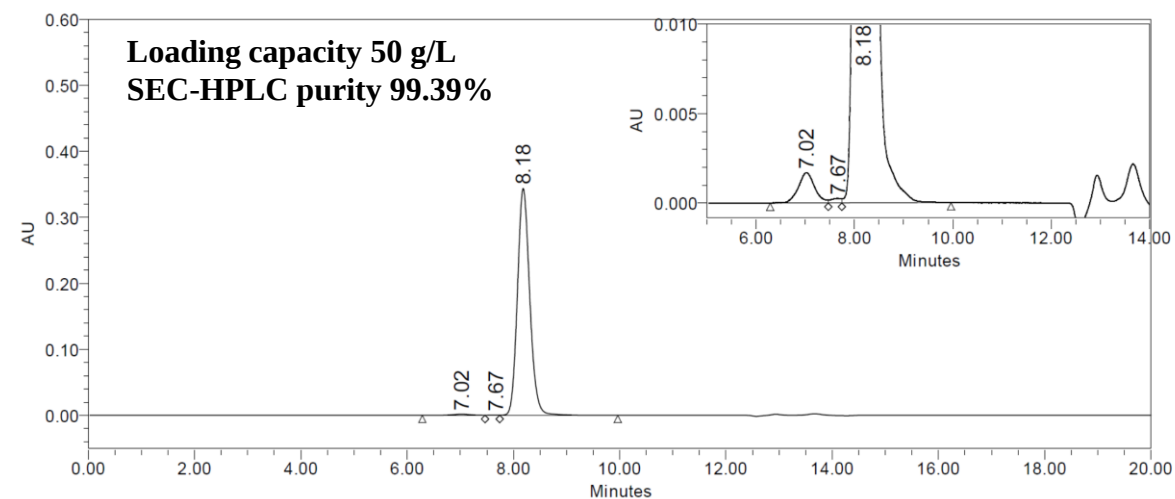
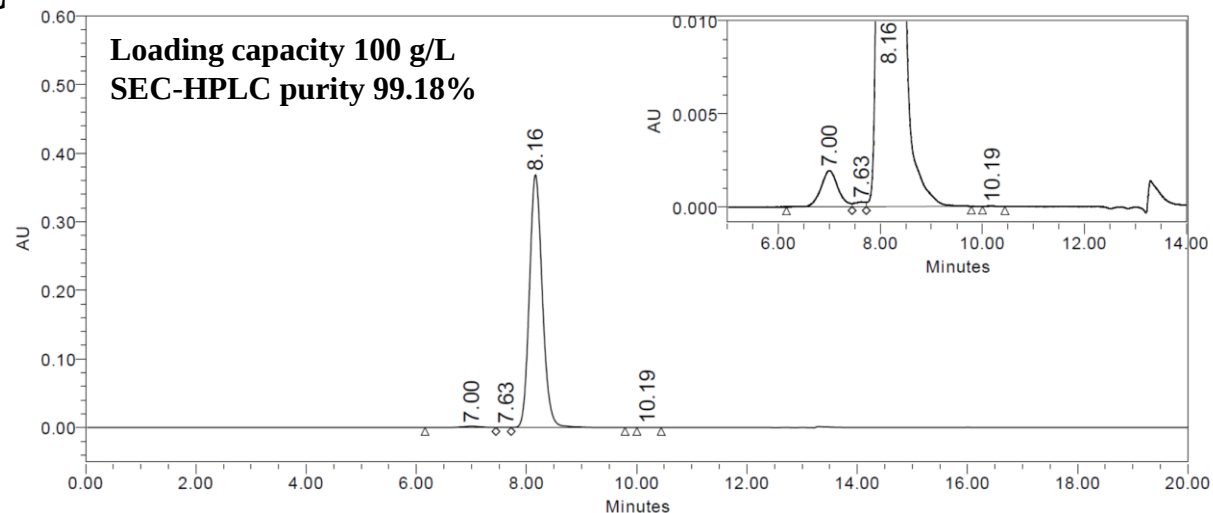
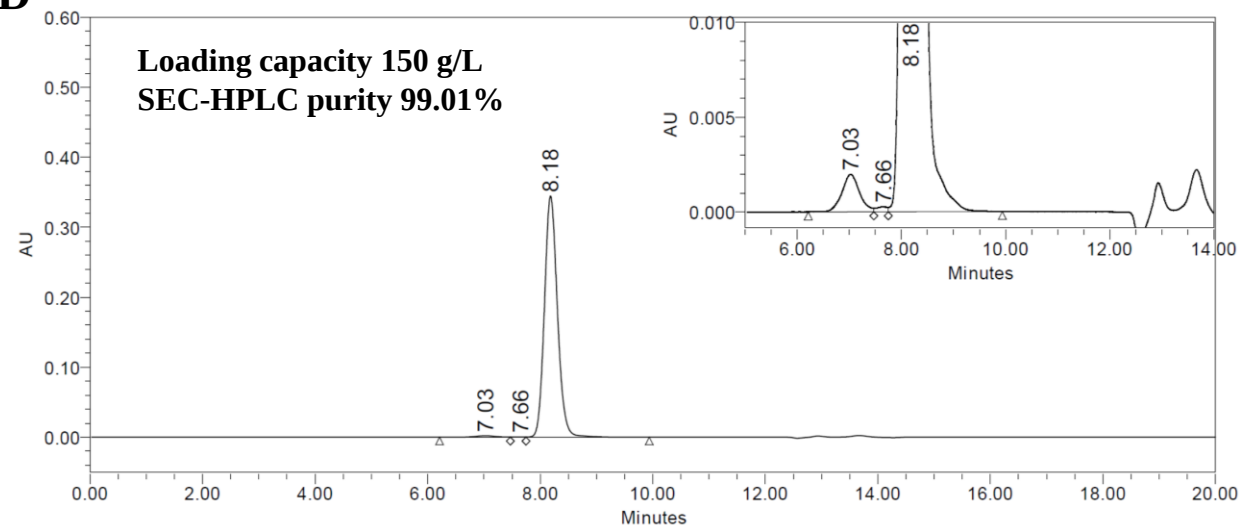
Supplementary Data 1: A : The Q* value comparison results of 3.0 mS/cm and 5.0 mS/cm . B: The Q* value comparison results of 3.0 mS/cm and 8.0 mS/cm. ns: No significant.
*: p-value < 0.05, significant.



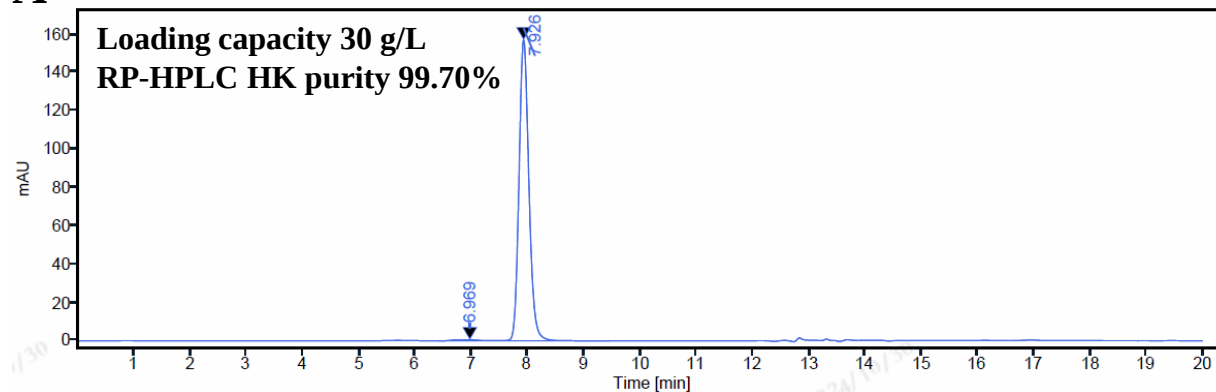
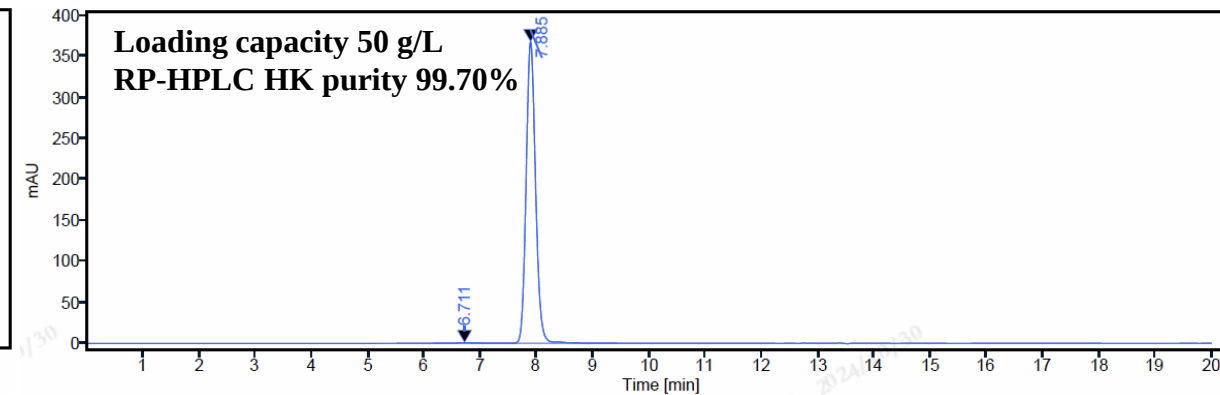
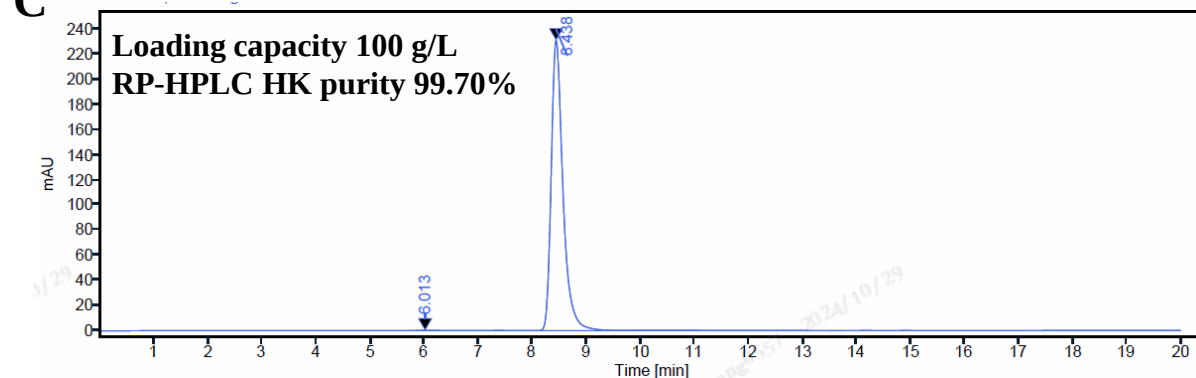
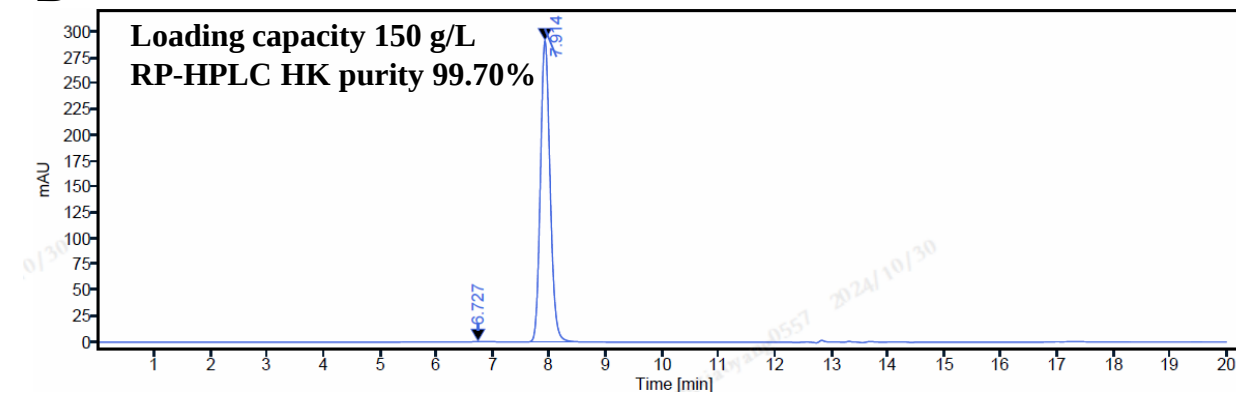
Supplementary Data 2: A : The SEC-HPLC purity of Capto adhere loading condition optimization with pH 7.6; B: The SEC-HPLC purity of Capto adhere loading condition optimization with pH 7.8. C: The SEC-HPLC purity of Capto adhere loading condition optimization with pH 8.0;

A**B****C**

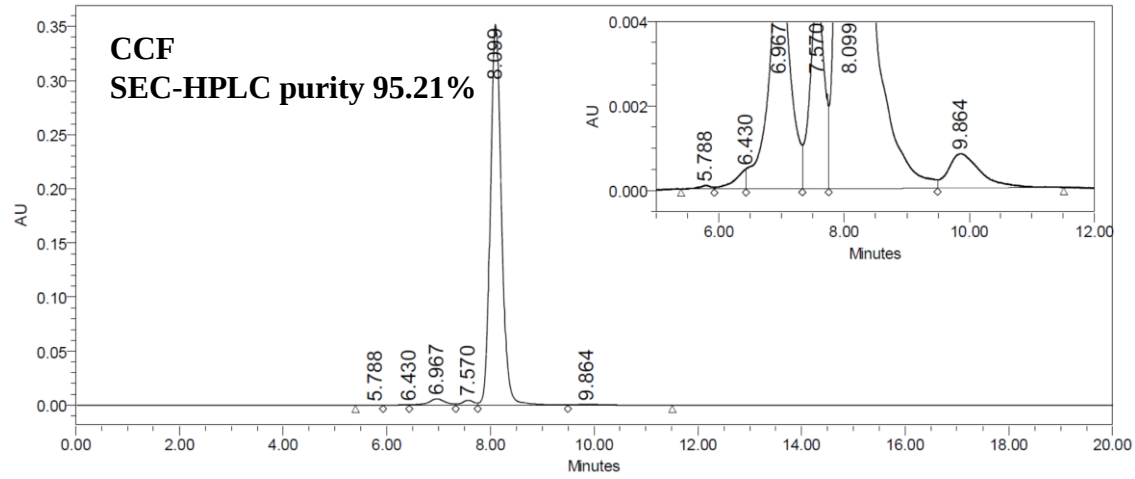
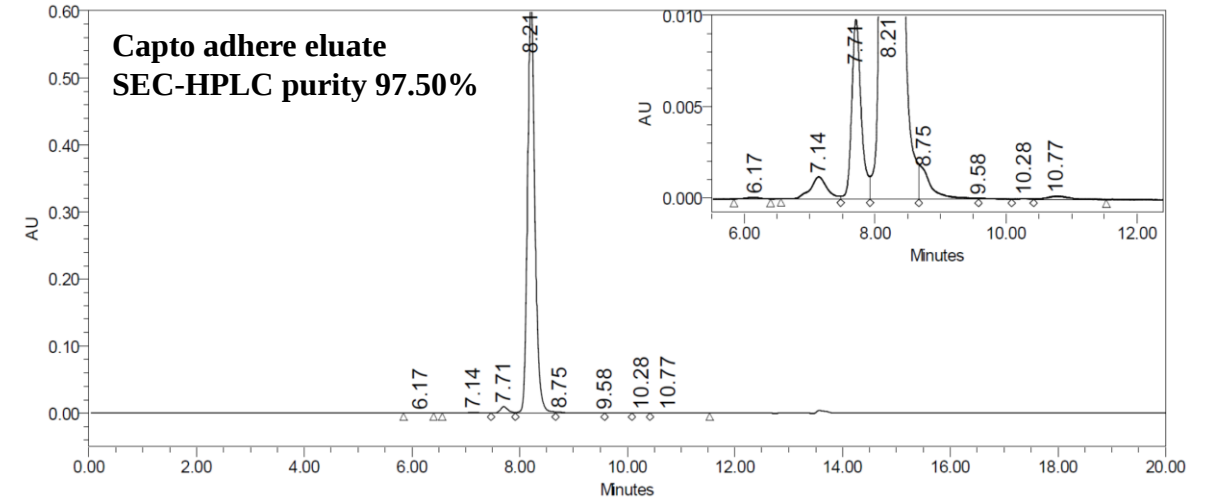
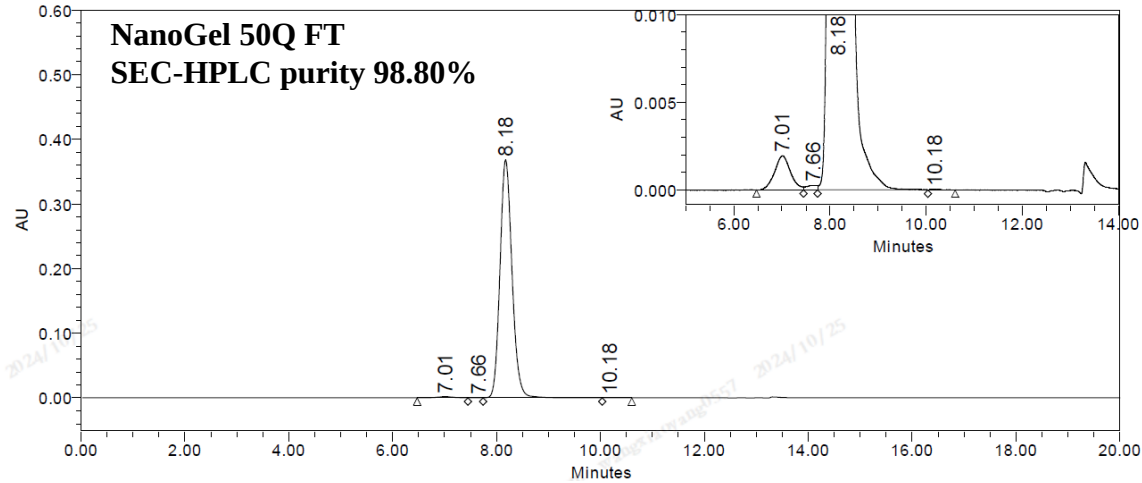
Supplementary Data 3: A : The RP-HPLC purity of Capto adhere loading condition optimization with pH 7.6; B: The RP-HPLC purity of Capto adhere loading condition optimization with pH 7.8. C: The RP-HPLC purity of Capto adhere loading condition optimization with pH 8.0;

A**B****C****D**

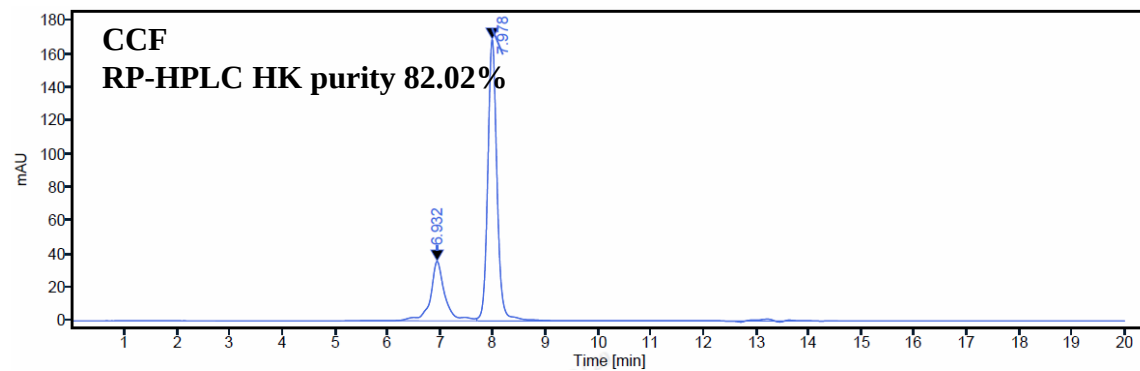
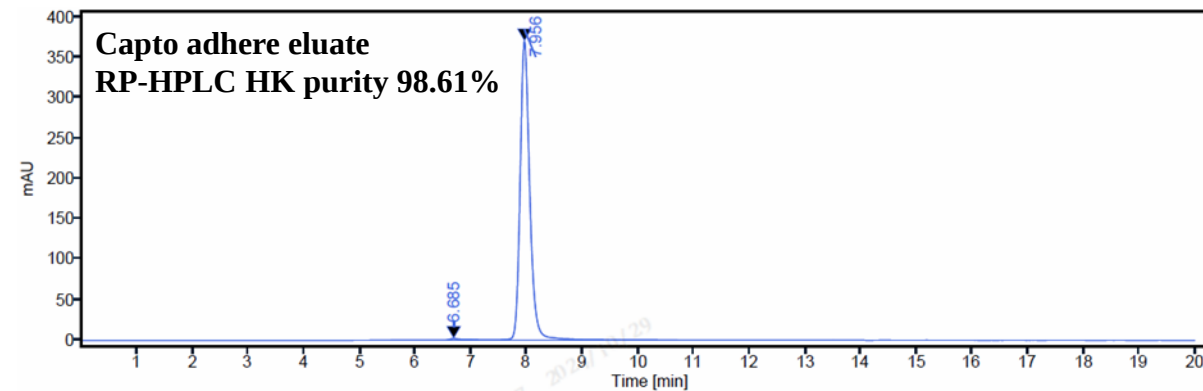
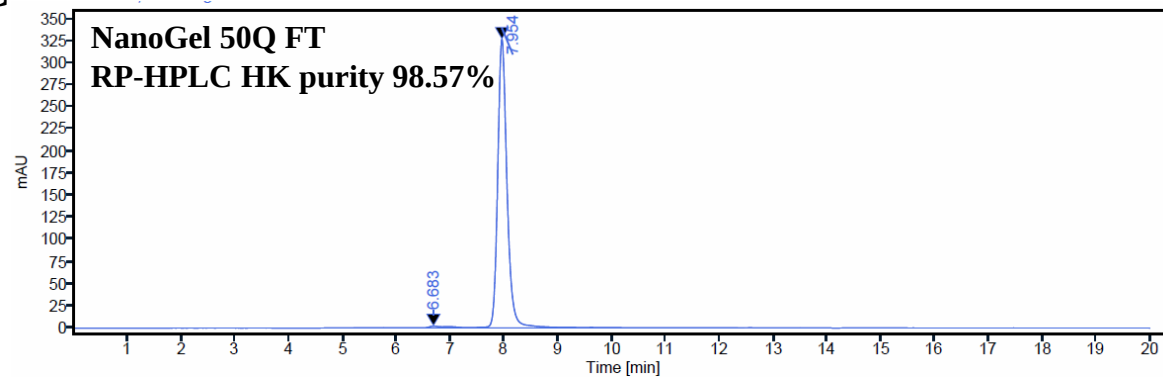
Supplementary Data 4: A : The SEC-HPLC purity of AEX capacity determination with 30 g/L; B: The SEC-HPLC purity of AEX capacity determination with 50 g/L; C: The SEC-HPLC purity of AEX capacity determination with 100 g/L; D: The SEC-HPLC purity of AEX capacity determination with 150 g/L.

A**B****C****D**

Supplementary Data 4: A : The RP-HPLC purity of AEX capacity determination with 30 g/L; B: The RP-HPLC purity of AEX capacity determination with 50 g/L; C: The RP-HPLC purity of AEX capacity determination with 100 g/L; D: The RP-HPLC purity of AEX capacity determination with 150 g/L.

A**B****C**

Supplementary Data 6: A : The SEC-HPLC purity of CCF; B: The SEC-HPLC purity of elution for Capto adhere; C: The SEC-HPLC purity of AEX flow-through.

A**B****C**

Supplementary Data 7: A : The RP-HPLC purity of CCF; B: The RP-HPLC purity of elution for Capto adhere; C: The RP-HPLC purity of AEX flow-through.