

SUPPLEMENTARY INFORMATION

Synthesis and Biological Evaluation of Low Molecular Weight Fluorescent Imaging Agents for the Prostate-Specific Membrane Antigen

Ying Chen,¹ Mrudula Pullambhatla,¹ Sangeeta R. Banerjee,¹ Youngjoo Byun,² Marigo Stathis,³ Camilo Rojas,³ Barbara S. Slusher,³ Ronnie C. Mease,¹ Martin G. Pomper¹

HPLC Analysis of Final Compounds.

Column: phenomenex Luna C18 10 μ , 250 \times 4.6 mm.

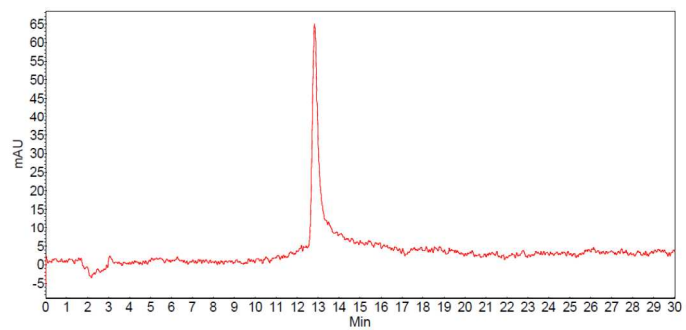
Method I: mobile phase, A = 0.1% TFA in H₂O, B = 0.1% TFA in CH₃CN; gradient, 0 min = 15% B, 30 min = 35% B; flow rate, 2 mL/min.

Method II: mobile phase, A = 0.1% TFA in H₂O, B = 0.1% TFA in CH₃CN; gradient, 0 min = 25% B, 30 min = 45% B; flow rate, 2 mL/min.

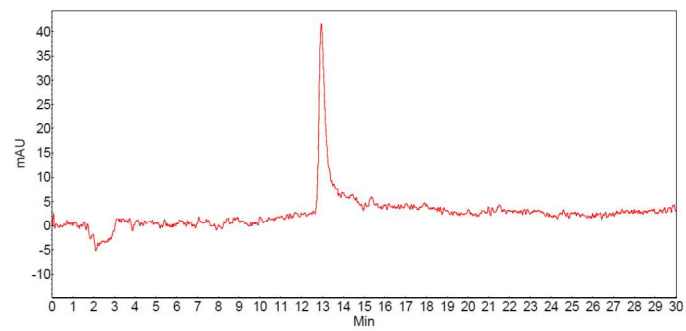
Method III: mobile phase, A = 0.1% TFA in H₂O, B = 0.1% TFA in CH₃CN; gradient, 0 min = 40% B, 30 min = 60% B; flow rate, 2 mL/min.

Method IV: mobile phase, A = 0.1% TFA in H₂O, B = 0.1% TFA in CH₃CN; gradient, 0 min = 10% B, 30 min = 40% B; flow rate, 2 mL/min.

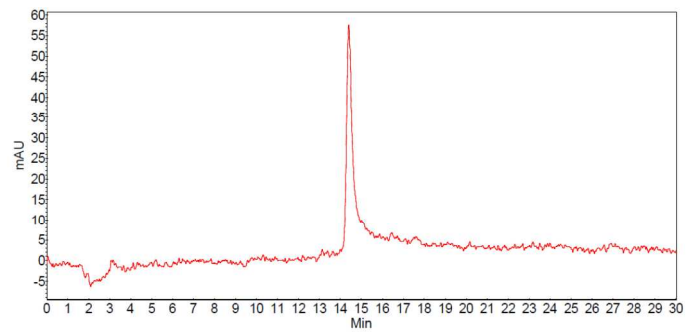
800CW-1 (method I)



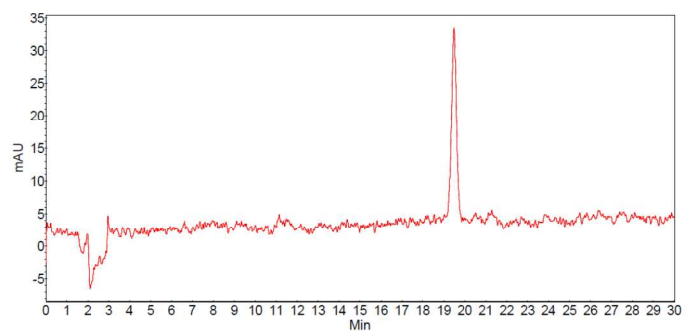
800CW-2 (method I)



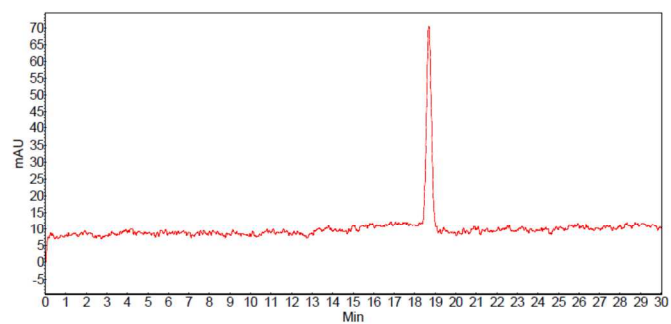
800CW-3 (method I)



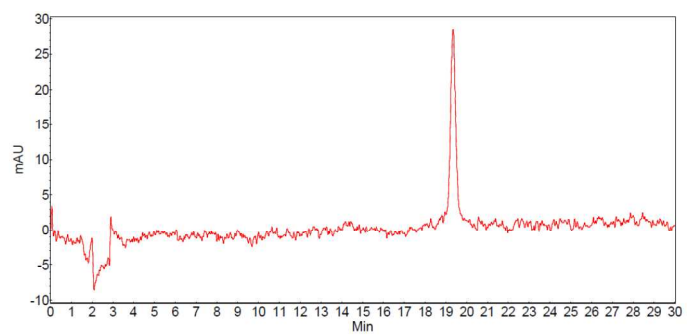
800RS-1 (method II)



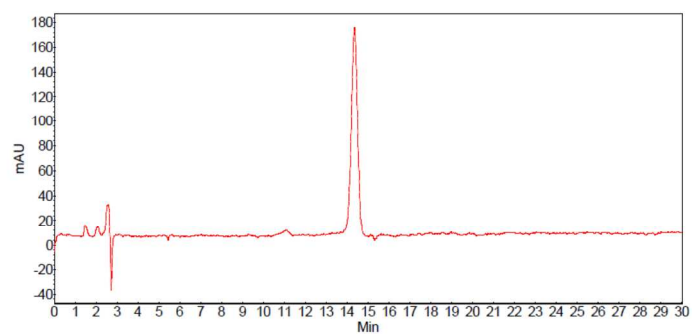
800RS-2 (method II)



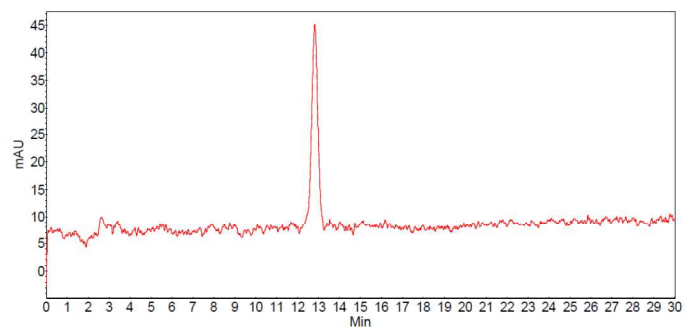
800RS-3 (method II)



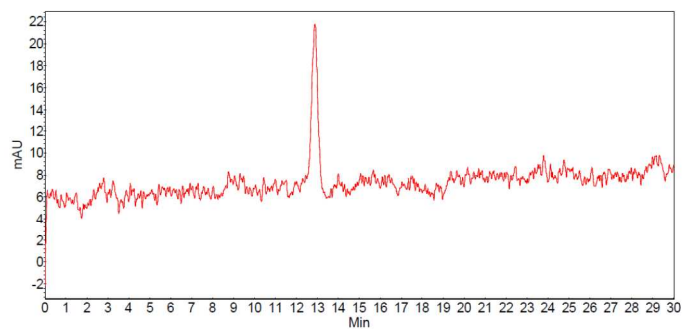
ICG-1 (method III)



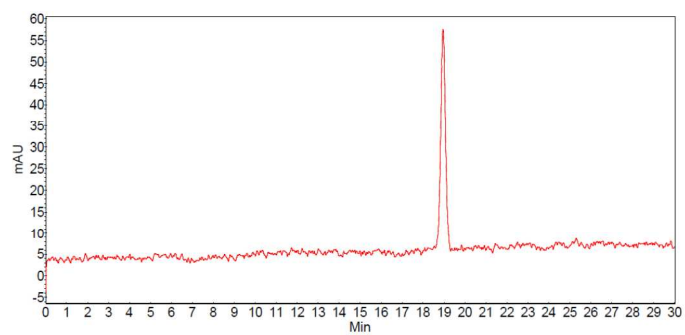
ICG-2 (method III)



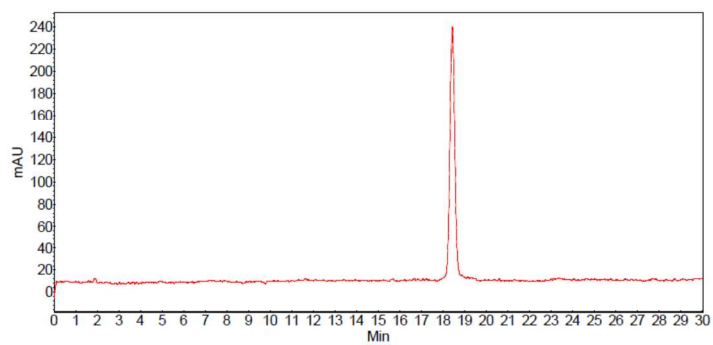
ICG-3 (method III)



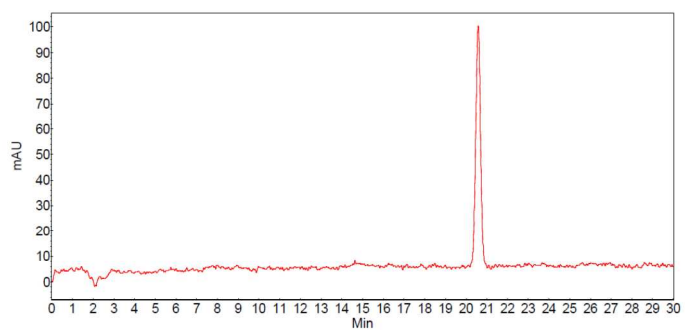
Cy7-1 (method I)



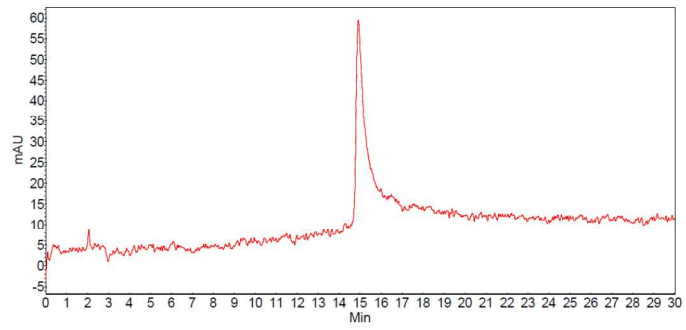
Cy7-2 (method I)



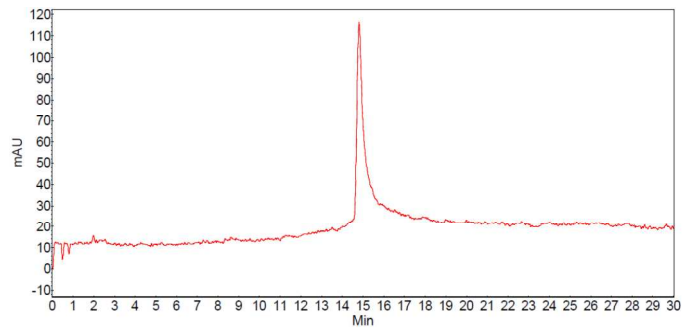
Cy7-3 (method I)



Cy5.5-1 (method IV)



Cy5.5-2 (method IV)



Cy5.5-3 (method IV)

