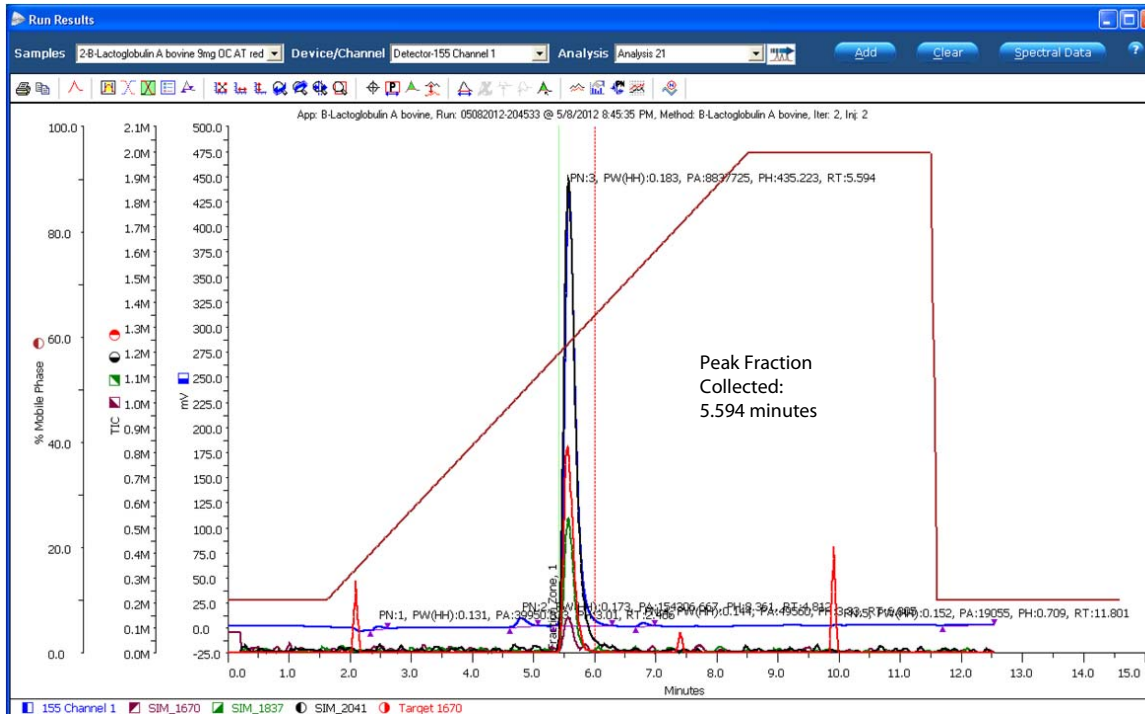




Purification of the β -Lactoglobulin A Protein with the Gilson GX-271 LC/MS Purification System

Gilson_ProteinLCMS_AB010313



Conditions

Sample: β -Lactoglobulin A in water at 5 mg/mL

Molecular weight: 18363.3 kDa

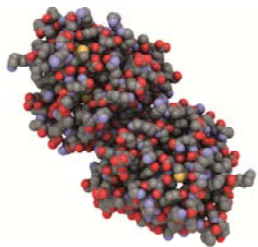
HPLC column: 21.2 x 50 mm C18

Mobile phase:

- A: 0.1% formic acid in methanol
- B: 0.1% formic acid in water

SIM (Single Ion Monitoring) channels:

- M9H + (2041.3)
- M10H + (1837.3)
- M11H + (1670.4)



The Gilson GX-271 LC/MS mass targeted purification system with TRILUTION LC software was used to isolate the β -Lactoglobulin A protein by monitoring three target masses with the UV signal. β -Lactoglobulin A has a molecular weight of 18363.3 kDa, and using conditional logic fraction collection, TRILUTION LC effectively collected the protein at 5.594 minutes when conditions for the UV signal and three SIM channels were met.

