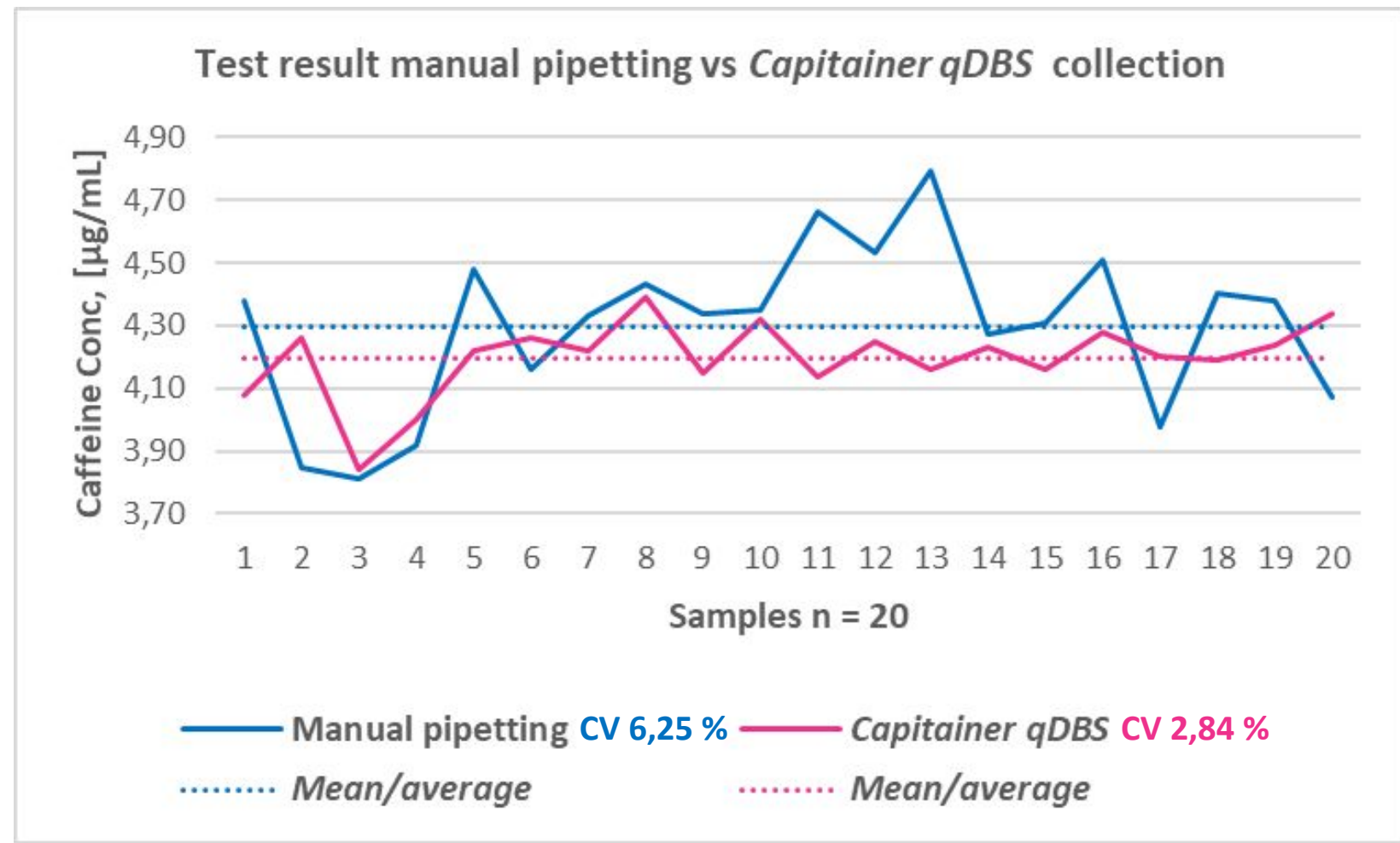


Manual pipetting of blood vs Capitainer qDBS collection



Source: Evaluation study conducted by Dr Olof Beck. Analysis of caffeine was performed by LC-MS/MS

● Experiment

- EDTA-blood was collected from a coffee drinker by venous puncture
- 25 μL of blood was applied to 20 Capitainer qDBS channels
- For reference 20 discs were taken out from Capitainer qDBS devices and 10 μL of blood was applied by manual displacement pipetting.
- Caffeine concentration was measured by an accredited LC-MS/MS method