

Digital LC and Precision Medicine: Sample Centric Sampling

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Figure 1 (a)

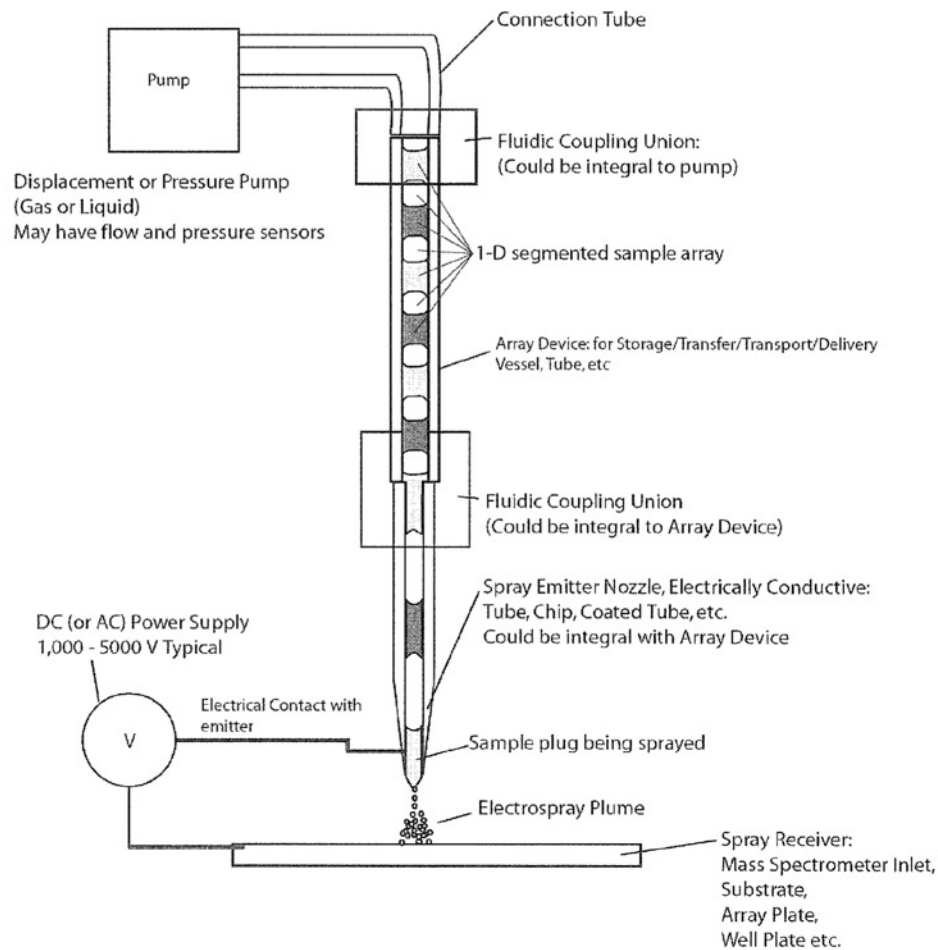
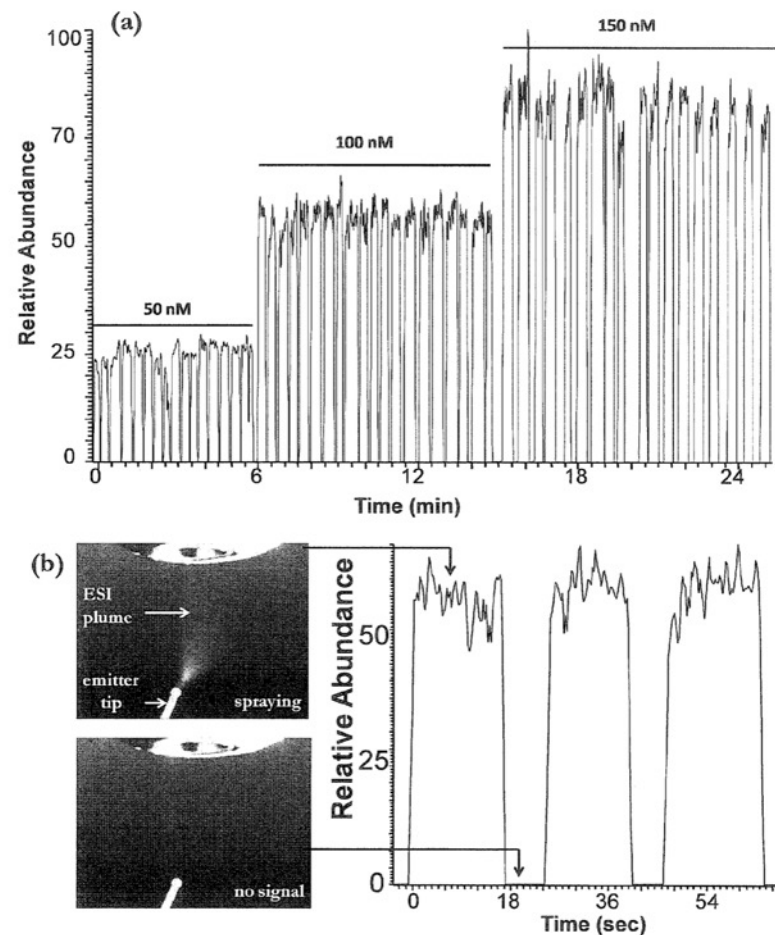
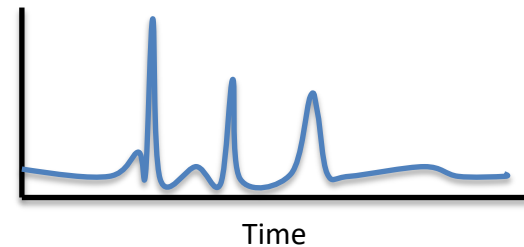
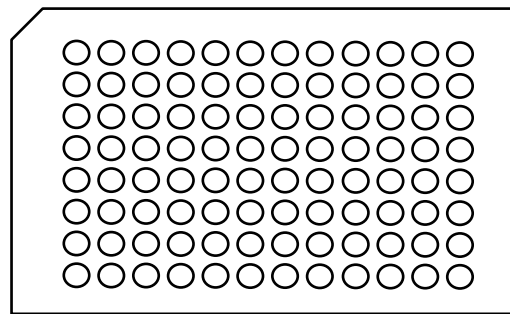


Figure 8



Liquid Chromatography Is Inherently Analog



LC is inherently Analog:

- An individual sample is mixed with flowing mobile phase.
- The individual nature of the sample is lost.

The analog nature of LC forces the MS to work (i.e. wait) on the LC timescale.

A digital workflow frees MS productivity.



Fluid Path

Sample
Aliquot/Storage

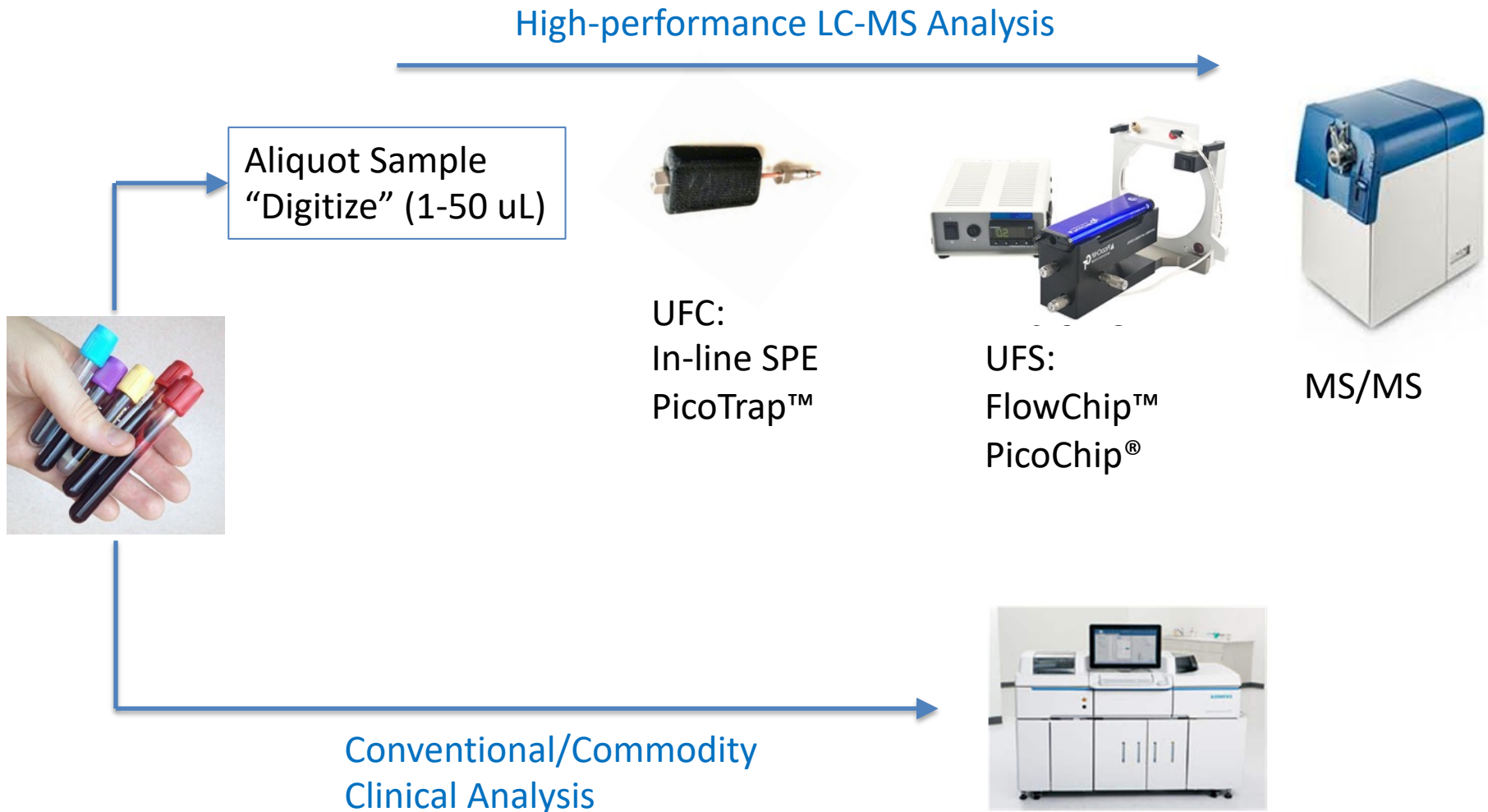
Sample
Preparation

Analytical
Chromatography

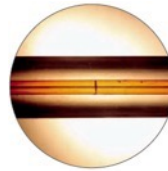
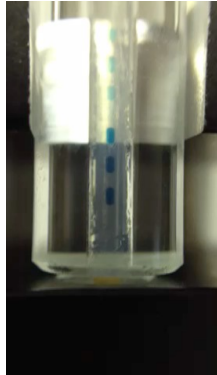
LC-ESI

Mass Spec

Sample Centric Sampling™



Solutions to Sample Aliquot/Prep/Store/Analyze



Build Solutions for LC-MS
And non-MS Applications

