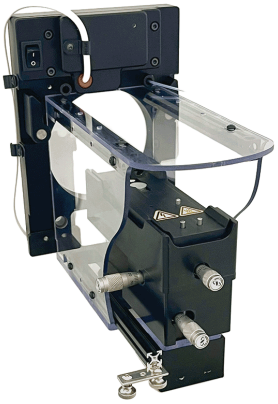
REPRODUCIBLE. CONSISTENT. EFFICIENT.

SOLUTIONS™: TRANSFORMING CLINICAL MS WORKFLOWS



UFS



PICOCHIP

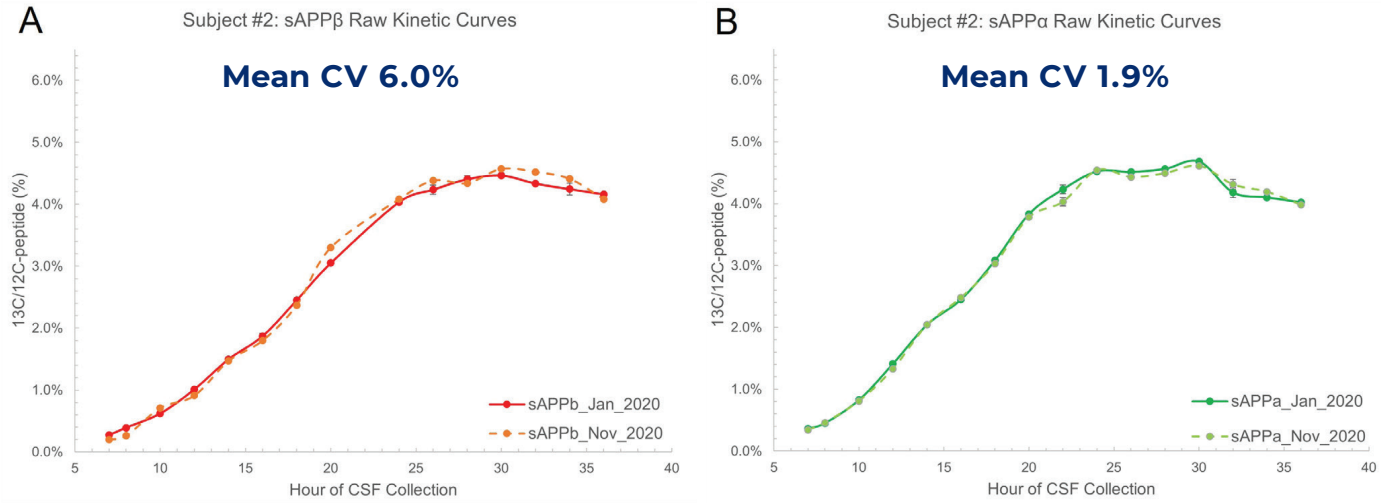


FLOWCHIP

Clinical MS Laboratory operators need reproducible results. Improve instrument uptime and lab efficiency with New Objective Solutions. Experience reproducible results - every time: analyst to analyst, platform to platform, lab to lab.

Focus on the science, not the system.

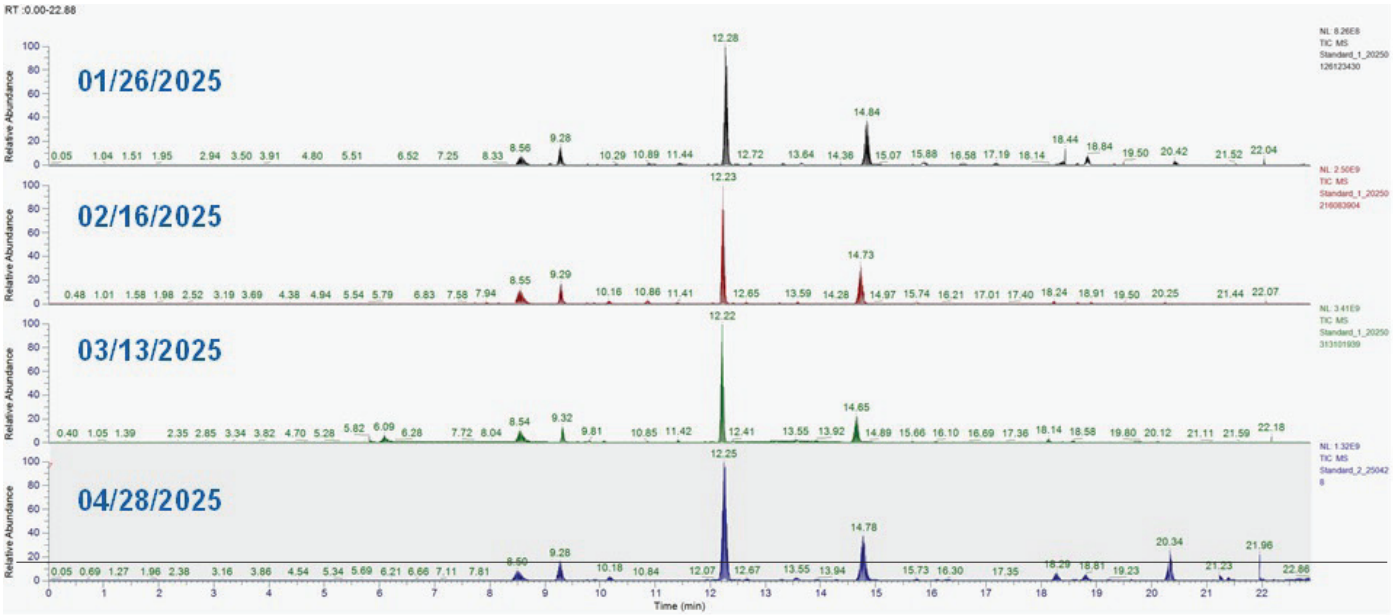
> PicoChips are not only easy to use, but they have allowed for phenomenal reproducibility of data sets I collected from human biofluid samples run nearly a year apart. On average CVs for data points have been ~ 2-3%, which gives me confidence in the data and peace of mind.
>
> —Justyna Dobrowolska Zakaria, Northwestern University Feinberg School of Medicine



Kinetics Curves Acquired with 2 different PicoChip (15 µm tip x 75 µm ID) columns packed with 10 cm 3 µm C18 material. The curves were collected 10 months apart, with 2 different columns. (Dobrowolska Zakaria et al., 2022)

See Application Note - PicoChip ®: *Improved Assay Reproducibility for Alzheimer's Disease Biomarkers* available at newobjective.com

> PicoChip has revolutionized what we can do in our laboratory. They last so long and give us what we want with robust, sensitive chromatography, out-of-the box.
>
> —Robert Salzler, Regeneron Pharmaceuticals



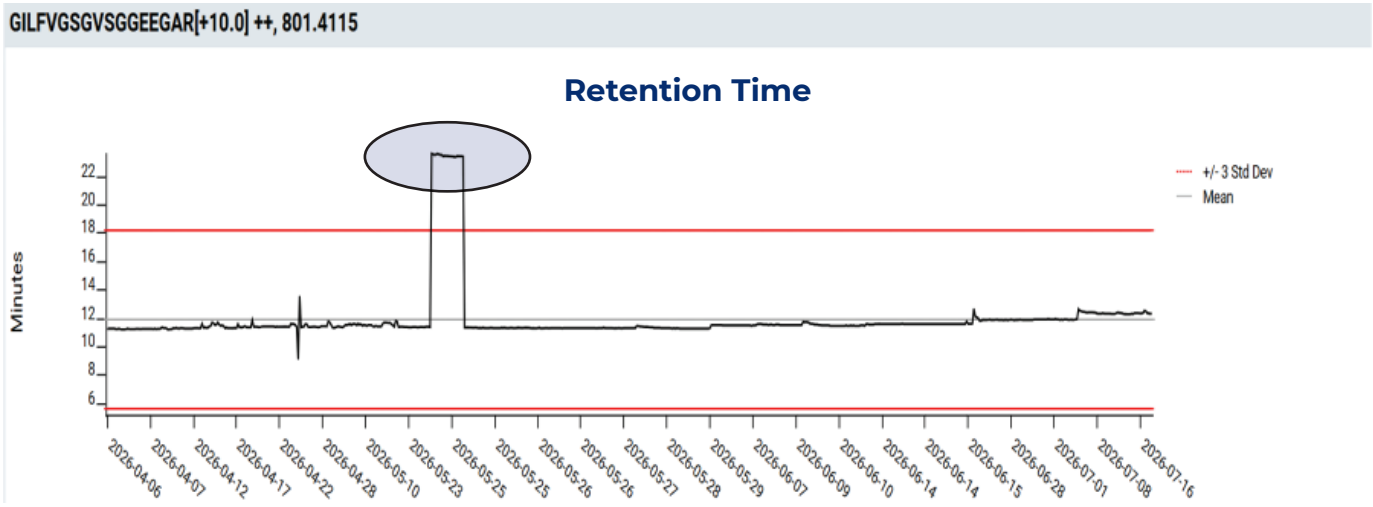
Standard Peptide Mix chromatograms from over 3-month period.

See Application Note - PicoChip®: *Robust Identification of HLA Peptides from High Value Clinical Samples* available at newobjective.com

PICOCHIP®: MONITOR THE QUALITY OF YOUR LC-MS SYSTEM PERFORMANCE

INSTANTLY RECOGNIZE AND DIAGNOSE INSTRUMENT FAILURES

> We have never seen that level of consistency with the same column.
>
> —Brian Searle, Mayo Clinic



Retention time over a 3 month period for an internal peptide standard (801.4115 m/z) representing over 700 injections from a total of 1800 injections on column. The noted deviation from the baseline highlights systemic instrument failures. Data workup by New Objective.

See Application Note - Discovery-to-targeted assays for proteomic fingerprinting of flow-sorted immune cells from healthy human donors available at newobjective.com.