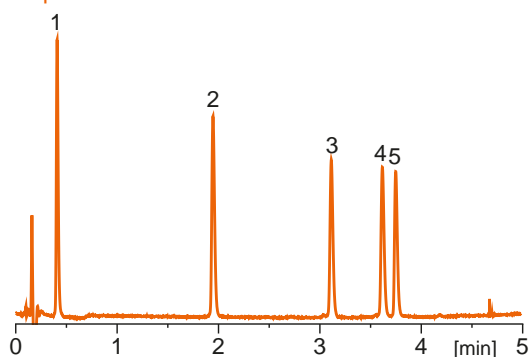


Kromasil EternityXT

UHPLC/HPLC columns
with extended lifetime

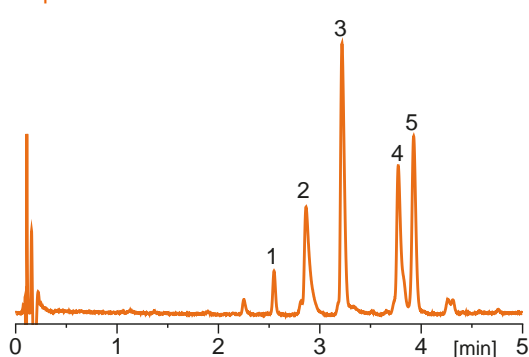


Peptides 1



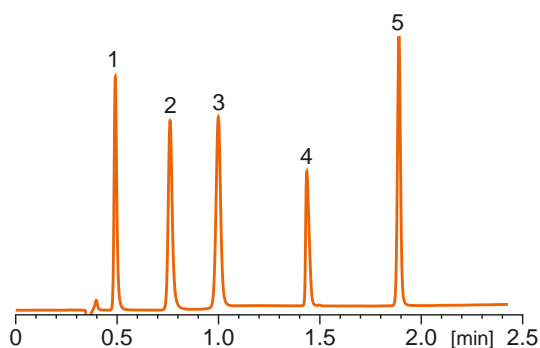
Column: Kromasil EternityXT-1.8-C8 2.1 x 50 mm
Substances: 1: gly-tyr, 2: val-tyr-val, 3: met-enkephalin, 4: leu-enkephalin, 5: angiotensin II
Mobile phase: acetonitrile/water + 0.1% TFA
Gradient: 0 - 0.5 min: 5%, 5 min: 30% acetonitrile
Flow rate: 1.5 ml/min Temperature: ambient
Detection: UV @ 220 nm

Peptides 2



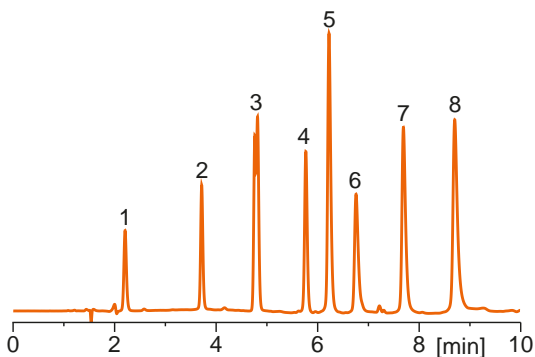
Column: Kromasil EternityXT-1.8-C8 2.1 x 50 mm
Substances: 1: oxytocin, 2: bradykinin, 3: angiotensin II, 4: neurotensin, 5: angiotensin I
Mobile phase: acetonitrile/water + 0.1% TFA
Gradient: 8 - 30% acetonitrile in 5 min
Flow rate: 1.5 ml/min Temperature: ambient
Detection: UV @ 220 nm

Additives and sweeteners in soft drinks



Column: Kromasil EternityXT-2.5-C8 4.6 x 50 mm
Substances: 1: acesulfame K, 2: caffeine, 3: saccharine, 4: aspartame, 5: benzoic acid
Mobile phase: acetonitrile/water + 0.1% TFA
Gradient: 15 - 70% acetonitrile in 2.5 min
Flow rate: 1.7 ml/min Temperature: 30 °C
Detection: UV @ 220 nm

Beta-blockers



Column: Kromasil EternityXT-5-C8 4.6 x 150 mm
Substances: 1: sotalol, 2: atenolol, 3: nadolol, 4: acebutolol, 5: pindolol, 6: metoprolol, 7: oxprenolol, 8: propranolol
Mobile phase: acetonitrile/10 mM ammonium bicarbonate
Gradient: 0min: 20%, 10 min: 90% acetonitrile
Flow rate: 1.0 ml/min Temperature: ambient
Detection: UV @ 230 nm

The moment you adopt our Kromasil High Performance Concept, you join thousands of chromatographers who share a common goal: to achieve better separations when analyzing or isolating pharmaceuticals or other substances.

Not only will you benefit from our patented silica technology, but you gain a strong partner with a reliable track record in the field of silica products. For the past 70 years, we have pioneered new types of silica. Our long experience in the field of silica chemistry is the secret behind the development of Kromasil, and the success of our Separation Products group. Kromasil is available in bulk and in high-pressure slurry-packed columns.

The development, production and marketing of Kromasil are ISO 9001 certified.

Kromasil is a brand of Nouryon, a global specialty chemicals leader. Industries worldwide rely on our essential chemistry in the manufacture of everyday products. Building on our nearly 400-year history and operations in over 80 countries, the dedication of our 10 000 employees, and our shared commitment to safety, sustainability, and innovation, we have established a world-class business and built strong partnerships with our customers.



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