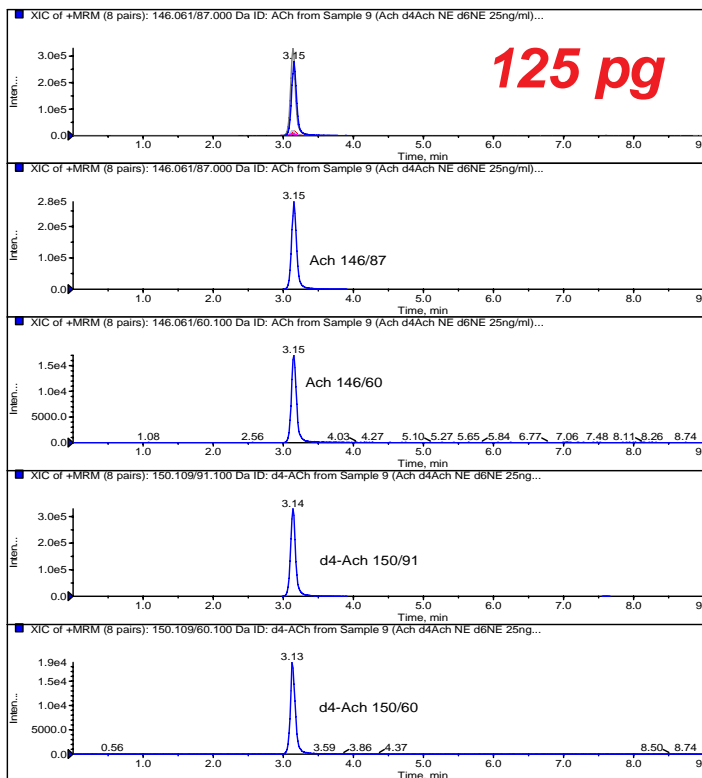


Scherzo SS-C18

50 x 2 mm

Application

LC-MS/MS: Acetylcholine and d4-acetylcholine
アセチルコリンと安定同位体の LC-MS/MS 分析



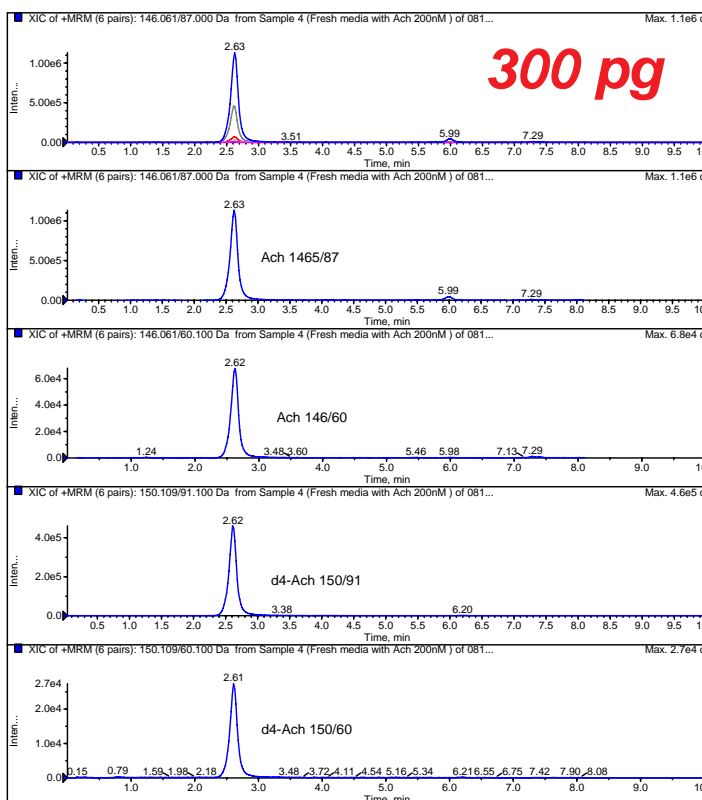
RP + IEX

Scherzo SS-C18, 50 x 2 mm
(3μ 130A, Imtakt Corp.)

A: 0.5% HCOOH
B: 100mM HCOONH₄ /ACN (65/35)
0-60%B (0-6min)
60-100%B (6-6.1min)
100%B (6.1-8.1min)
0%B (8.1-10min)

0.4 mL/min, 35°C
[MS/MS] TIC, XIC

Column Pretreatment:
not needed



HILIC

Polyhydroxyethyl, 50 x 2.1 mm
(3μ 100A, PolyLC INC)

A: 0.1% HCOOH + 20mM HCOONH₄
B: ACN
97%B (0-0.2min)
97-80%B (0.2-4min)
80-60%B (4-4.1min)
60%B (4.1-6.1min)
97%B (6.1-11.1min)

0.3 mL/min, 30°C
[MS/MS] TIC, XIC

Column Pretreatment:
water 20min @1ml/min;
100mM AcONH₄ 1hr @1ml/min;
water 20min @1ml/min;
mobile phase 1hr @1ml/min

Courtesy of Dr. Dennis R. Koop, Professor, Oregon Health & Science University, USA