

CHEMISTRY

A **European** Journal

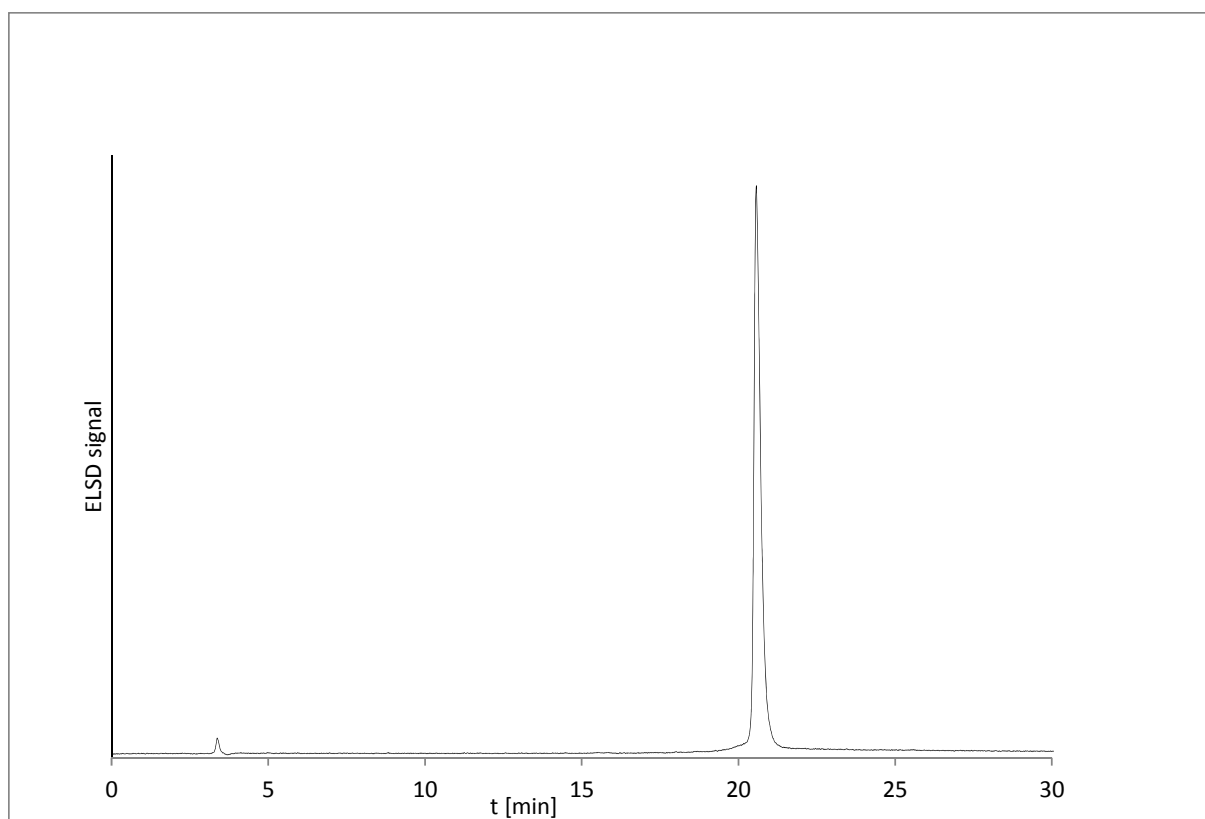
Supporting Information

Solid-Phase Synthesis and Characterization of N-Terminally Elongated A β _{-3-x}-Peptides

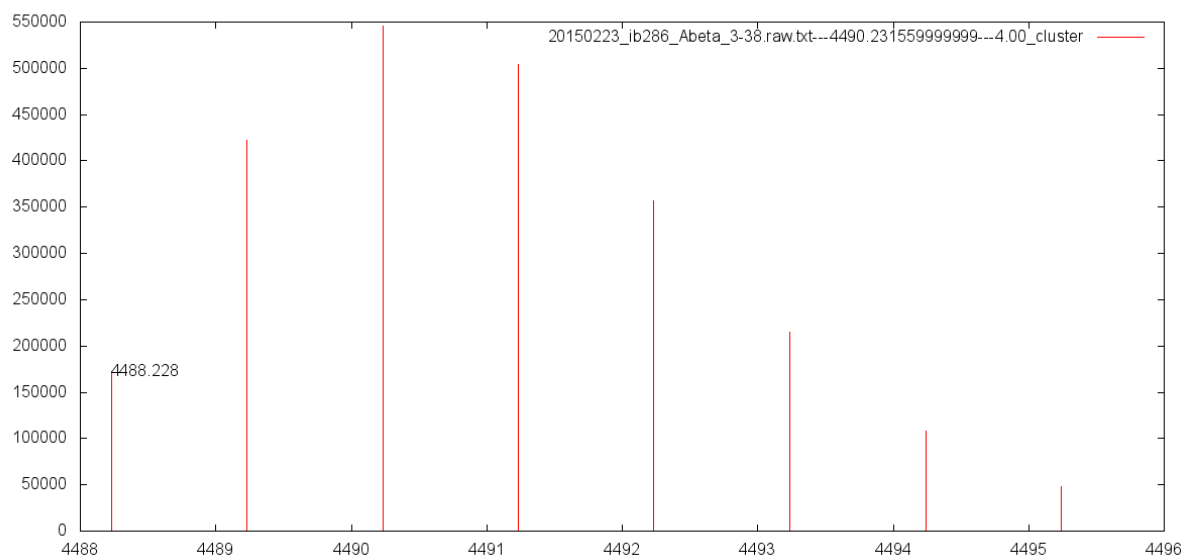
Isaak Beyer^{+, [a]} Nasrollah Rezaei-Ghaleh^{+, [b, c]} Hans-Wolfgang Klafki^[d] Olaf Jahn^[e, f]
Ute Haußmann^[g] Jens Wiltfang^{*, [c, d]} Markus Zweckstetter^{*, [b, c, f]} and Hans-Joachim Knölker^{*, [a]}

chem_201600892_sm_miscellaneous_information.pdf

A β ₃₋₃₈ (H-VKMDAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGG-OH) (**1**)

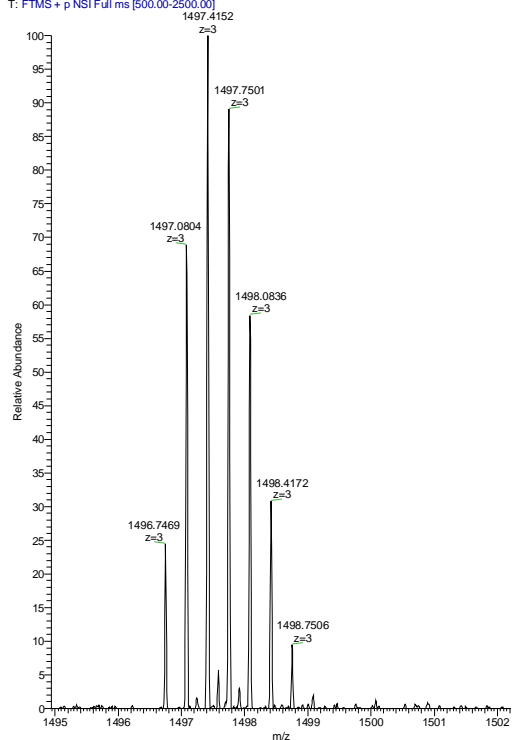


Mass reconstruction from ESI-MS of **1** (positive mode), high resolution:

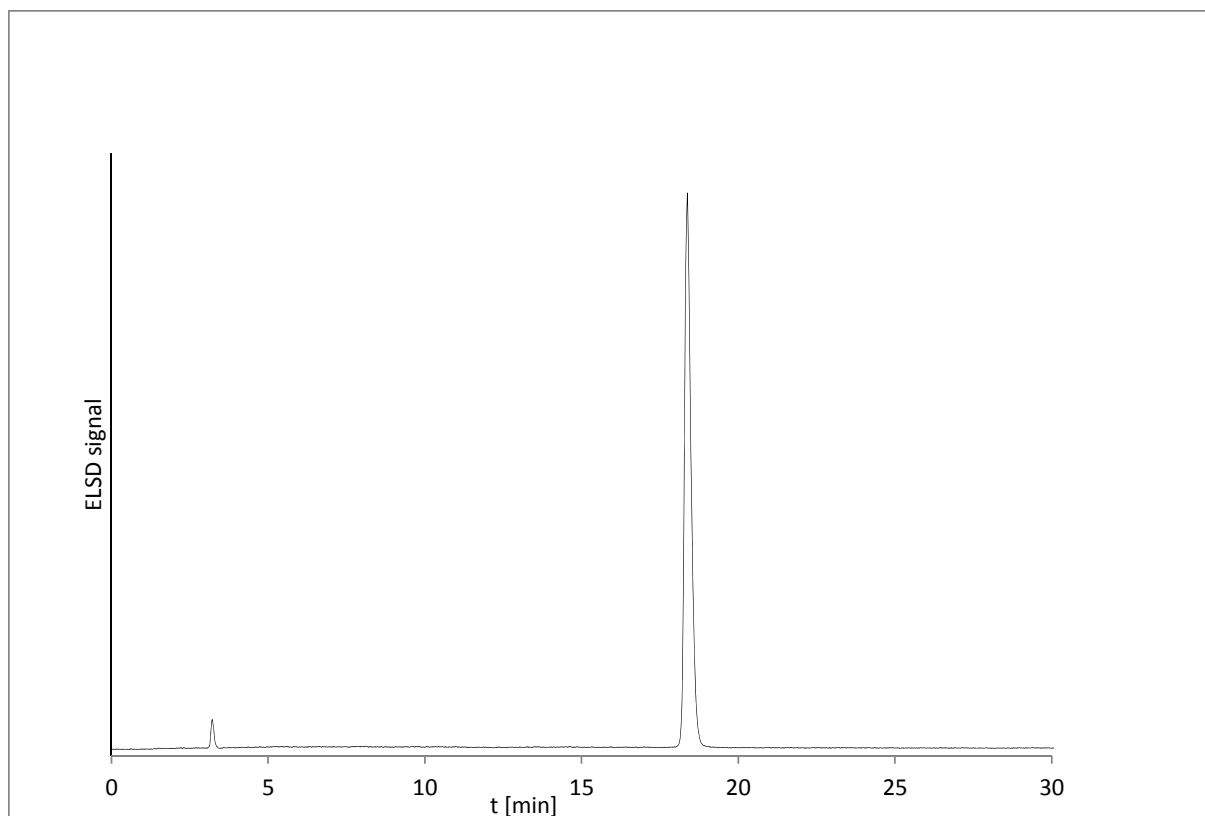


ESI-MS of **1** (positive mode), high resolution:

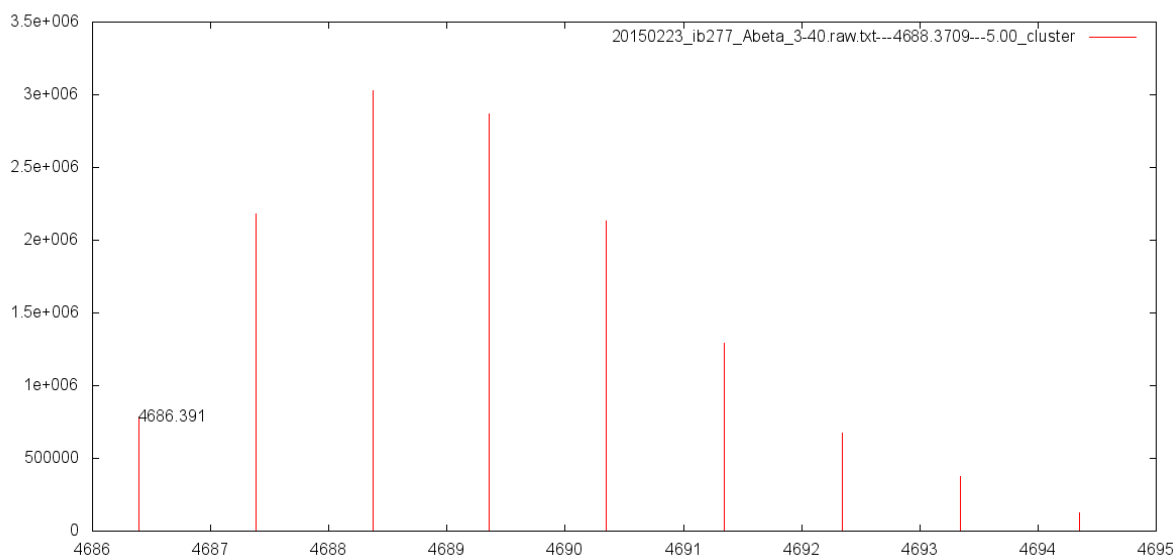
20150223_ib286_Abeta_3-38 #5-78 RT: 0.10-0.97 AV: 74 NL: 1.53E4
T: FTMS + p NSI Full ms [500.00-2500.00]



A β ₃₋₄₀ (H-VKMDAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVV-OH) (**2**)

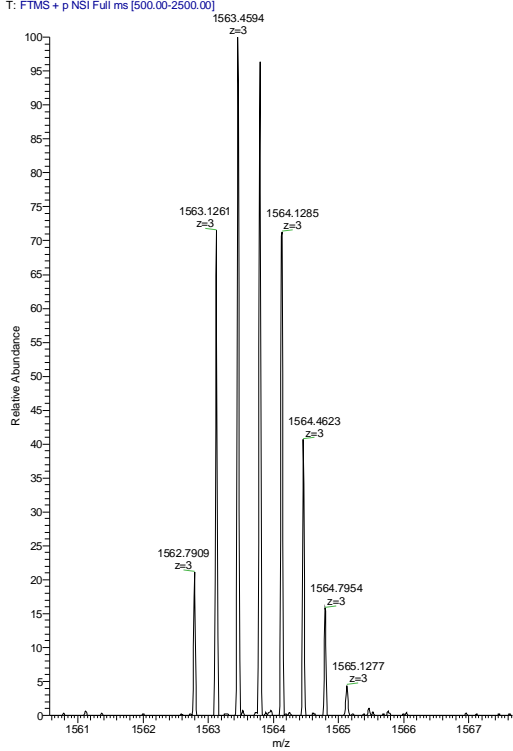


Mass reconstruction from ESI-MS of **2** (positive mode), high resolution:

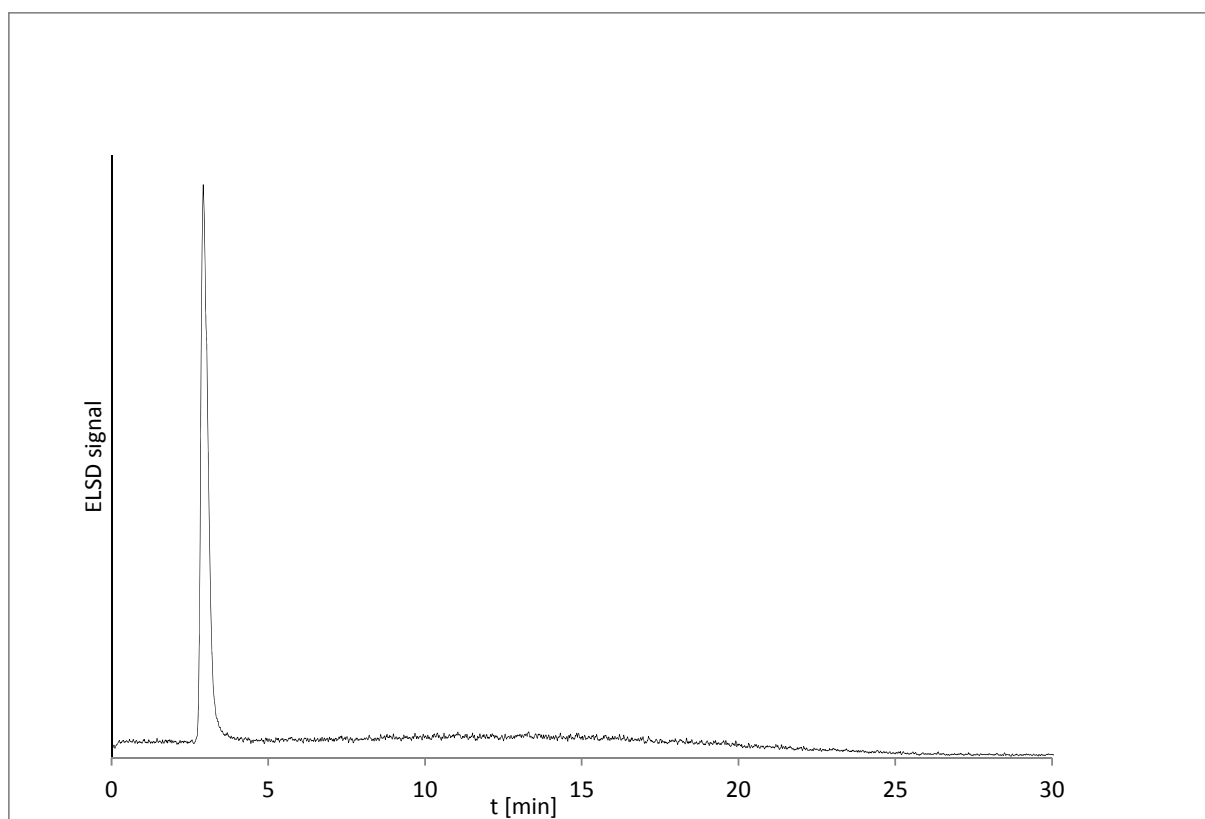


ESI-MS of **2** (positive mode), high resolution:

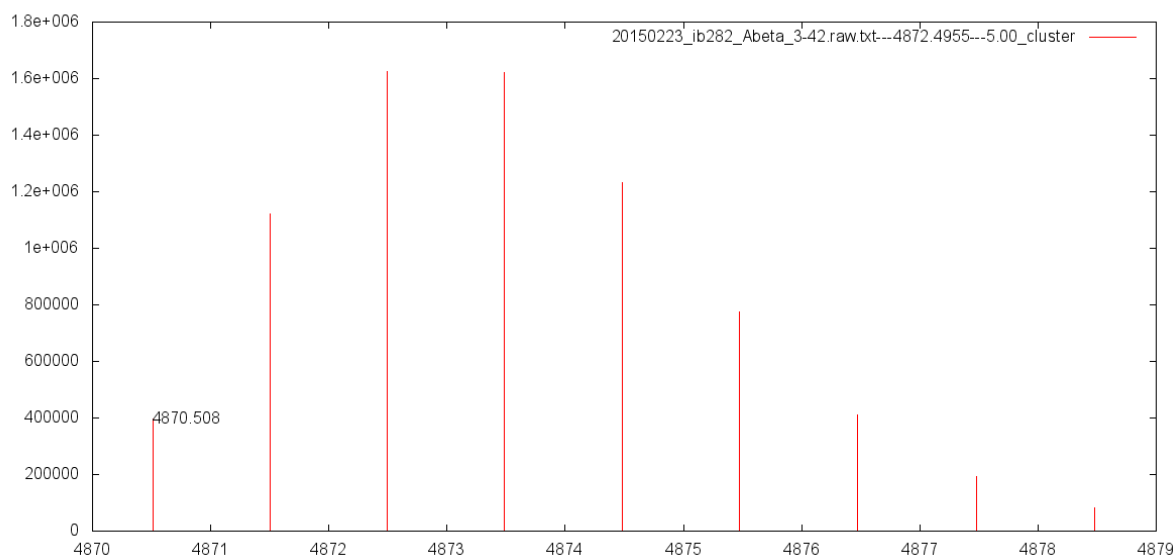
20150223_ib277_Abeta_3-40 #3-80 RT: 0.12-0.97 AV: 78 NL: 2.33E4
T: FTMS + p NSI Full ms [500.00-2500.00]



A β ₃₋₄₂ (H-VKMDAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVVIA-OH) (**3**)



Mass reconstruction from ESI-MS of **3** (positive mode), high resolution:



ESI-MS of **3** (positive mode), high resolution:

20150223_ib282_Abeta_3-42 #2-85 RT: 0.08-0.99 AV: 84 NL: 6.16E3
T: FTMS + p NSI Full ms [500.00-2500.00]

