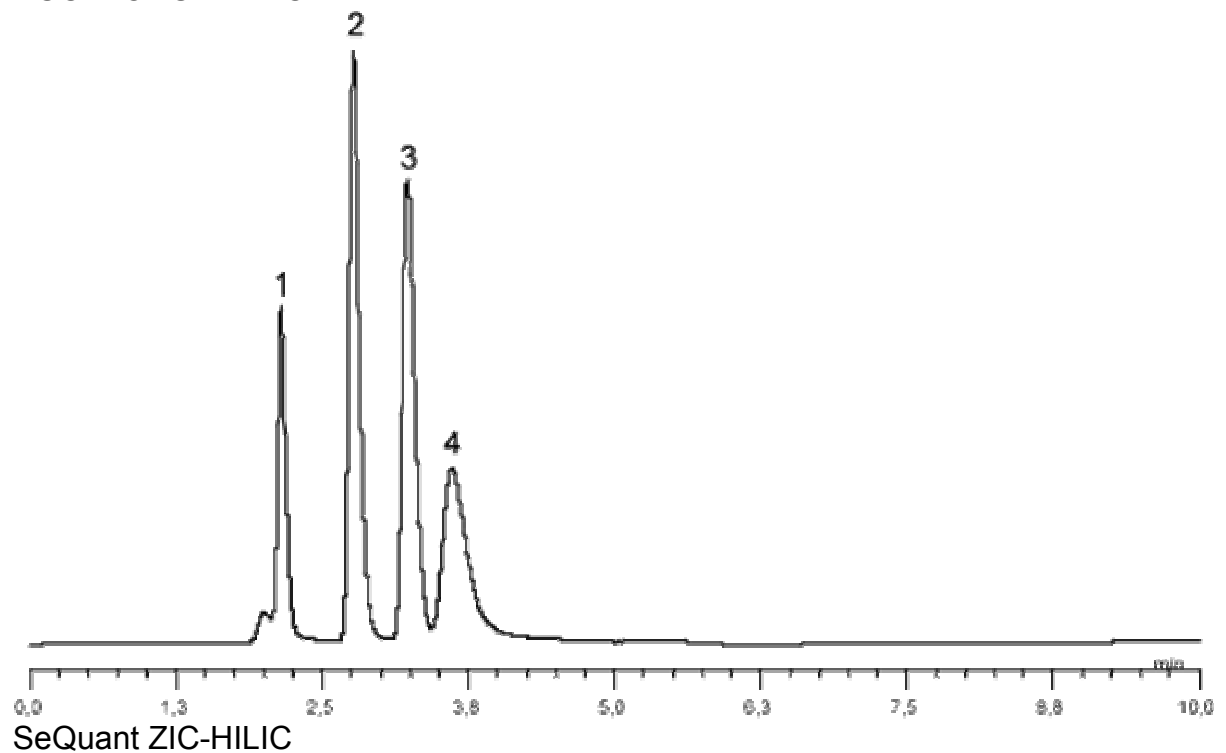
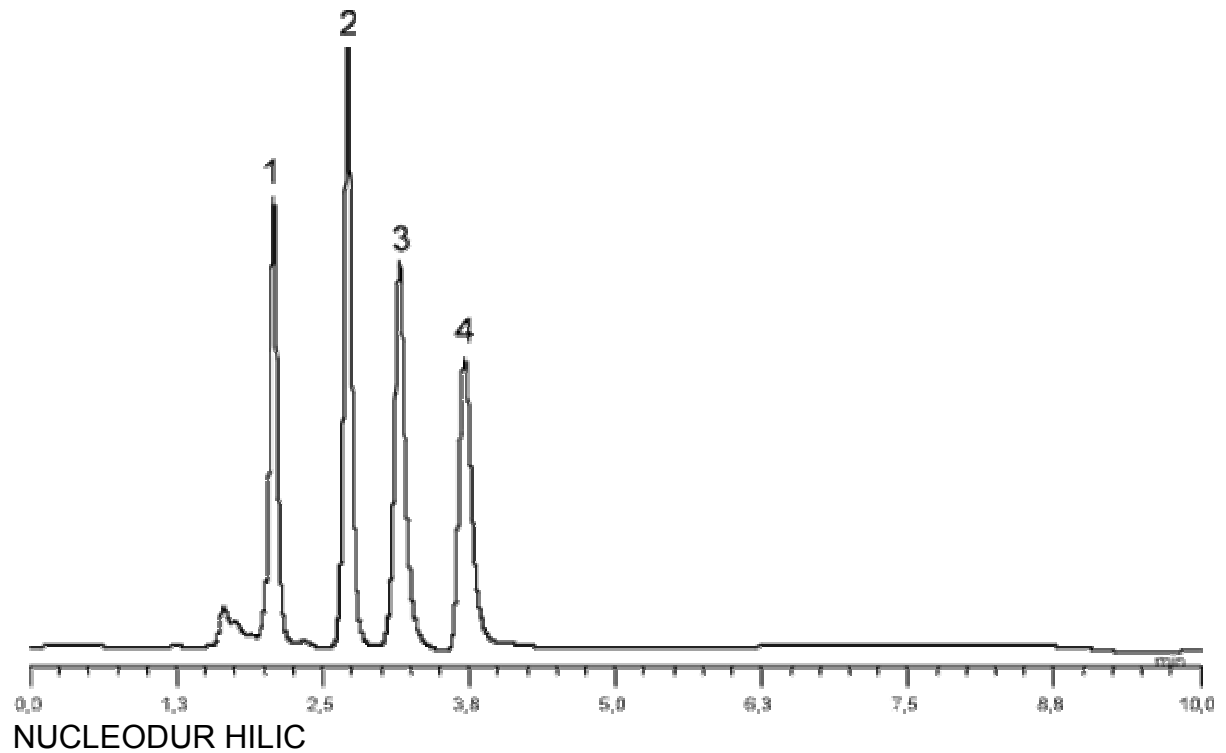


Comparison of NUCLEODUR HILIC with SeQuant ZIC HILIC for Acrylamide Separations

Application Number 123490



Legend

- 1 - impurity in standard
- 2 - methacrylamide

	3 - acrylamide
	4 - methacrylic acid
Column	EC 100/4.6 NUCLEODUR HILIC, 5µm
REF	760554.46
Conditions	Eluent: acetonitril / 0.1 % formic acid in water (98:2, v/v)
Flow rate	0.6 mL/min
Temperature	22 °C
Injection volume	0.5 µL
Detection	UV, 210 nm
Note	NUCLEODUR HILIC shows better resolution, peak shape and symmetry at similar retention compared to SeQuant ZIC-HILIC
Author	HPLC department
Source	MACHEREY-NAGEL, Germany 2010