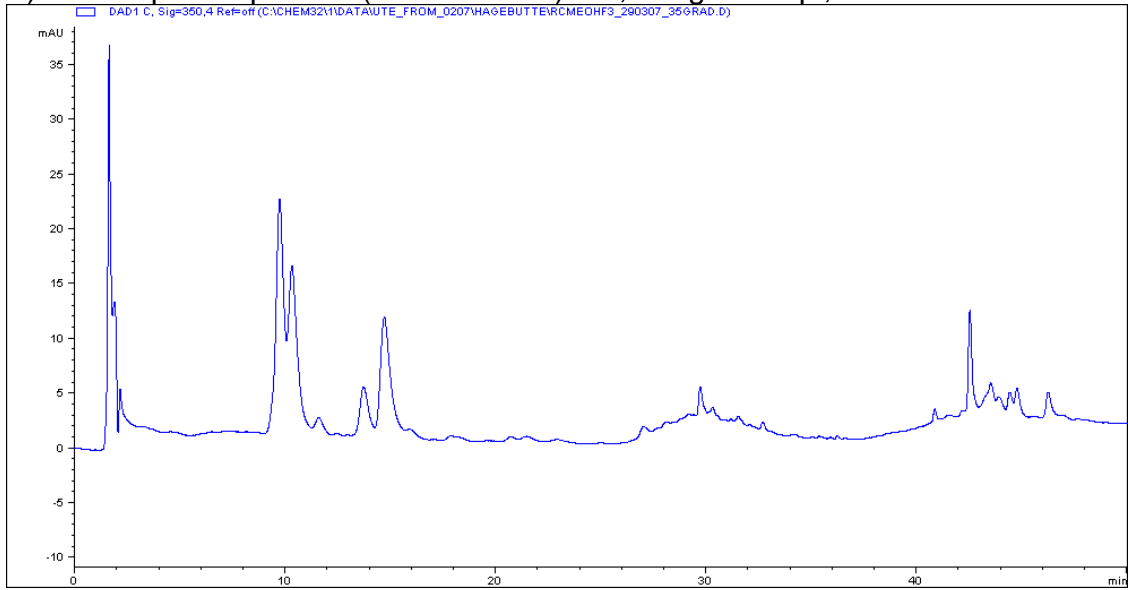
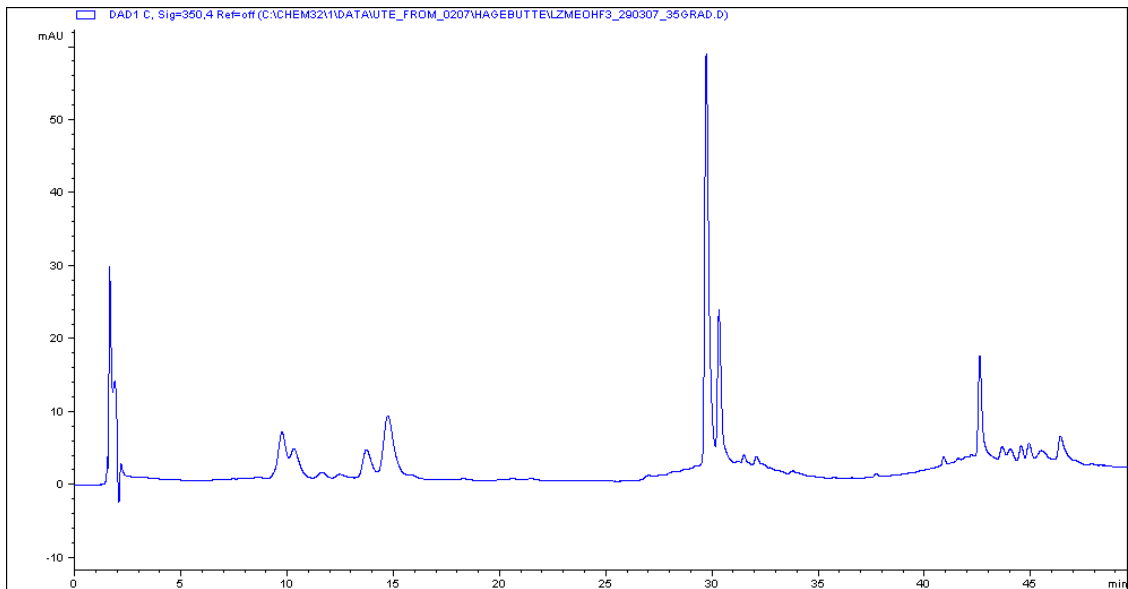


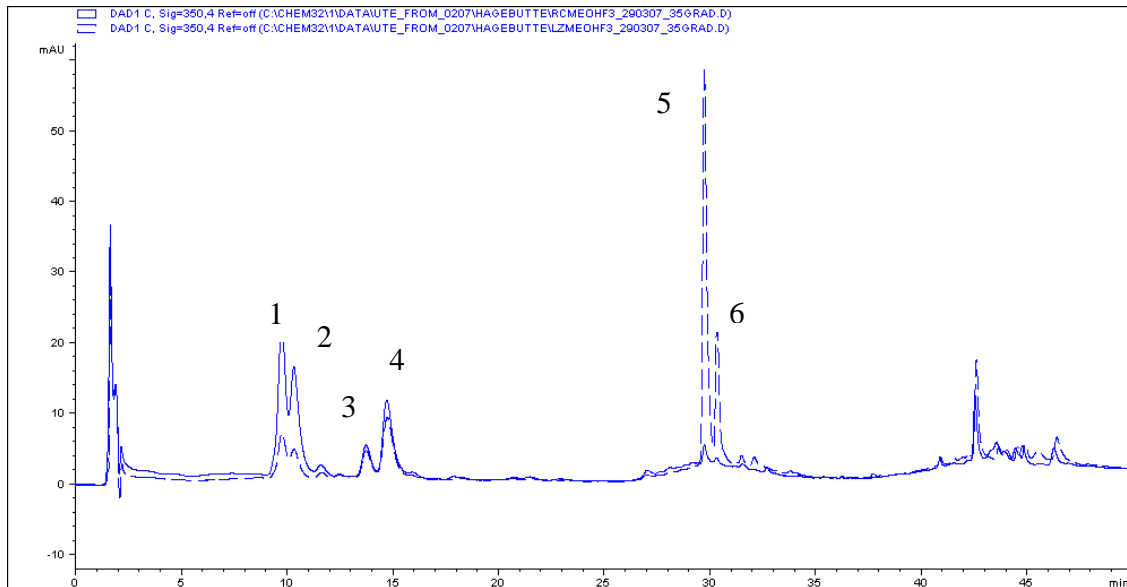
A) Rose hip shell powder (sine fructibus) F3, 5 mg/ml 10 µl, bei 350 nm



B.) LitoZin (cum fructibus) F3, 5 mg/ml, 10 µl bei 230 nm



C) Overlay of both Chromatograms



HPLC Analysis

Column: Agilent Zorbax C18

Precolumn: Agilent Zorbax C8

Mobile Phase: A: Wasser/0.1% HCOOH; B: AcCN/MeOH 4/3

0-20' A:B 88:22- 82:28; 20-35' 82:28-20:80; 35-45' 20:80; 45-46' 20:80-88:22; 46-55' reequil.

Column temp. 35°C

Flow rate 250 µl/min

Injection volume 10 µl

- 1 Hyperoside
- 2 Isoquercitrin (Quercetin-3-O-β-glucofuranoside) or Quercetin-3-O-β-glucopyranoside (same retention time, LCMS Fragmentation cannot distinguish between them)
- 3 not identified
- 4 Quercitrin
- 5, 6 Kaempferol 3-O-(6''-O-E-p-coumaryl)-β-D-glucopyranosid; Kaempferol 3-O-(6''-O-Z-p-coumaryl)-β-D-glucopyranoside (to clarify specific reference substances are necessary)