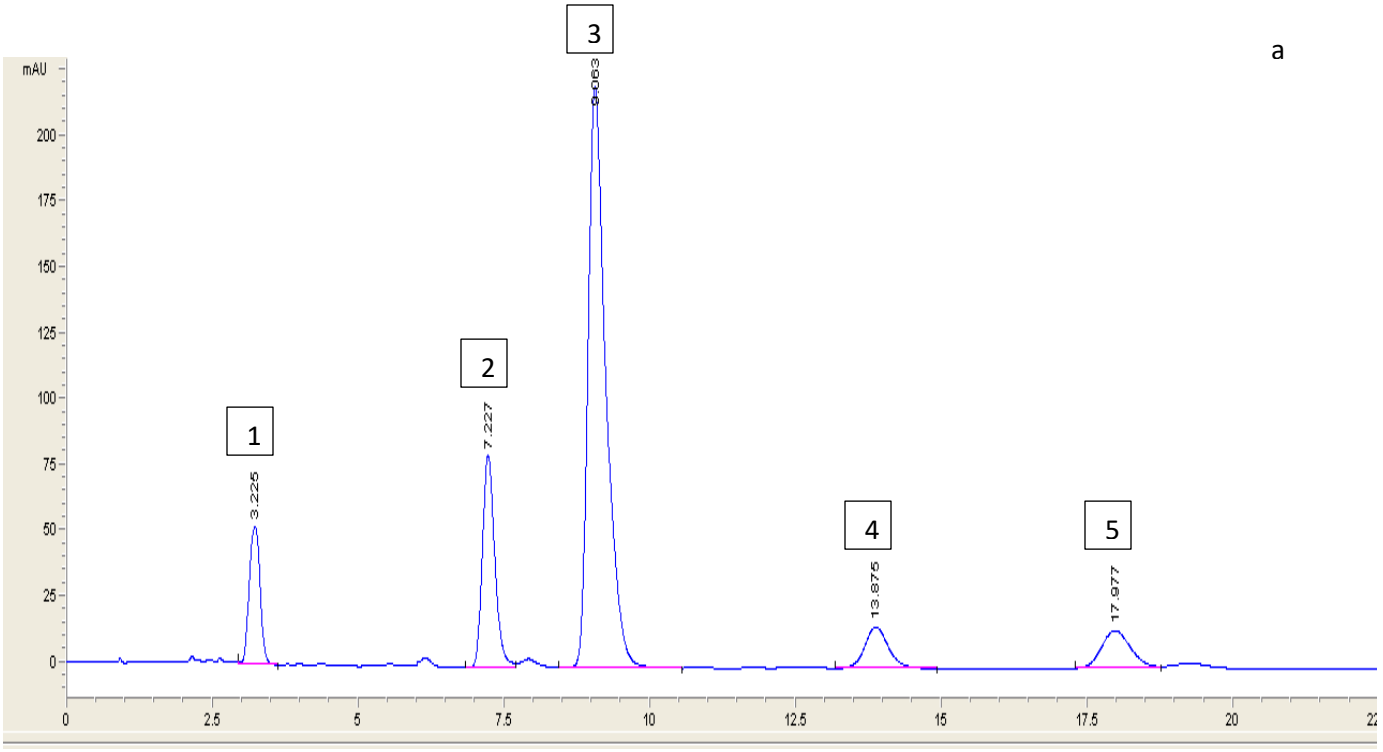


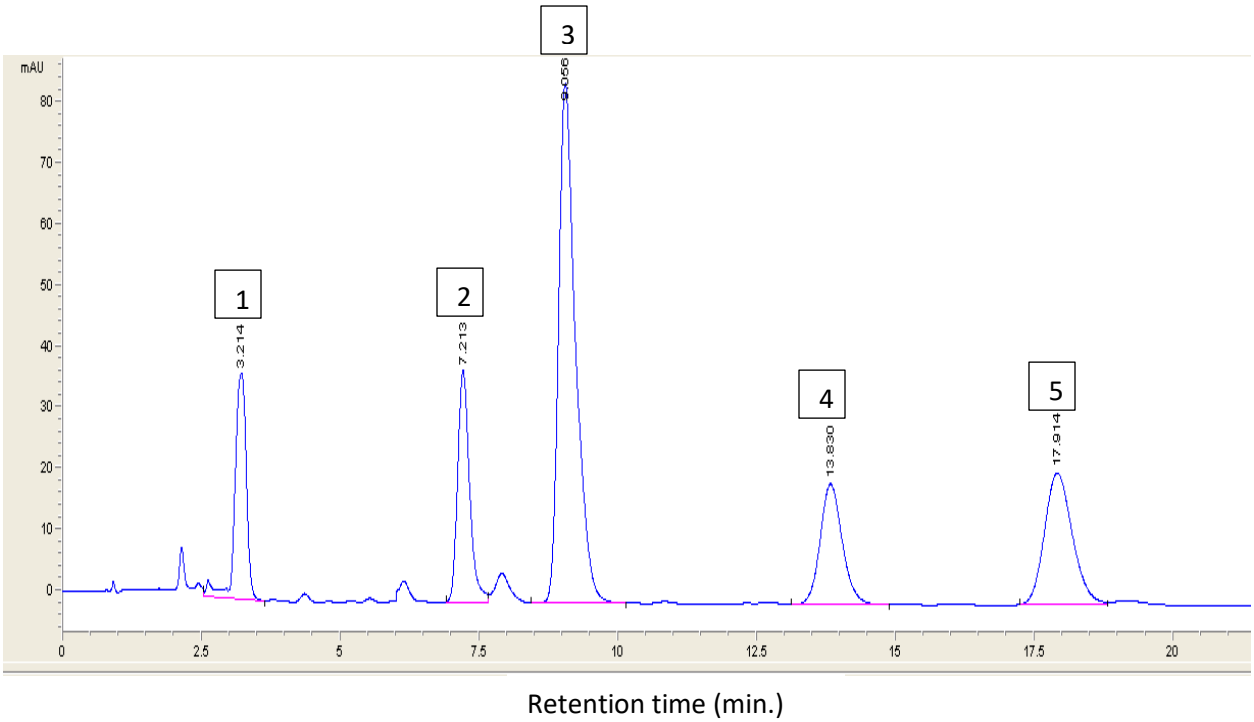


Figure S1. The HPLC profiles of secondary metabolites and their retention times: (1) xanthohumol (tr=3.21); alpha acids: (2) cohumulon (tr=7.22), (3) adhumulon + humulon (tr=9.0); beta acids: (4) colupulon (tr=13,8), (5) adlupulon + lupulon (tr=17,9) in cv. Magnat (a) and cv. Lubelski (b).