

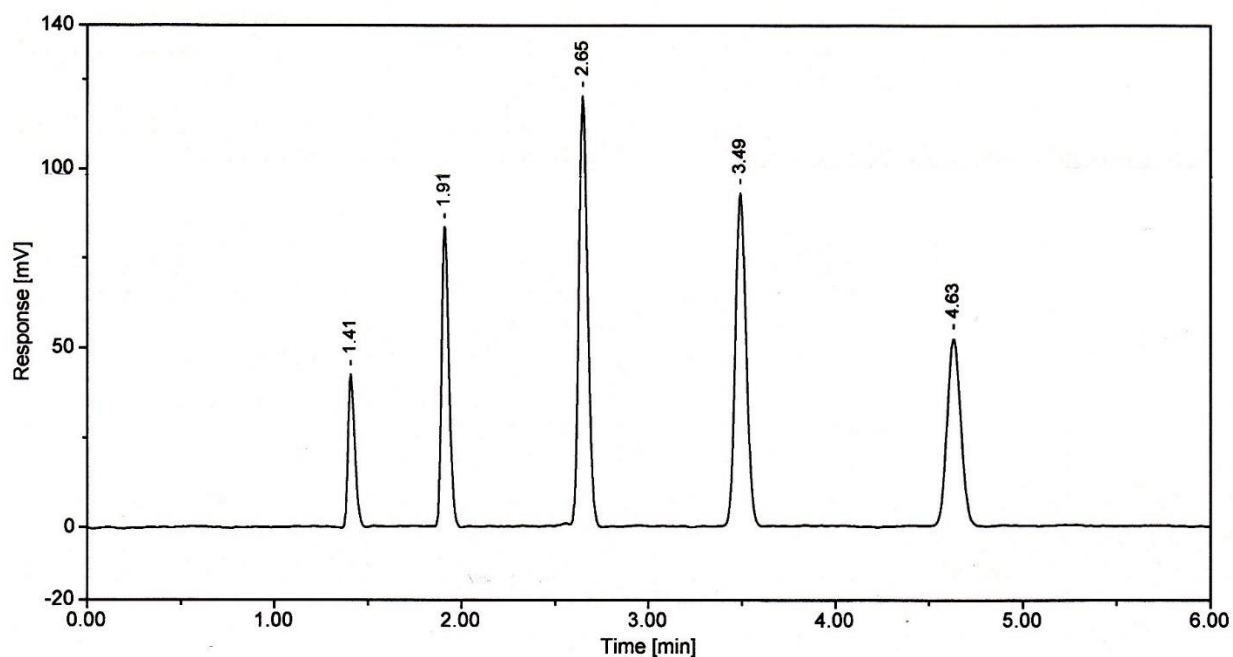
**Certificate of Analysis****LudgerSep™ R2 HPLC Column for Glycan Analysis**

Cat. #: LS-R2-4.6x150

Batch: B94T-04

Size: 4.6 x 150 mm

This column conforms to the specifications given in Ludger document # LS-R2-GUIDE.

**Packed Solvent** 60 % acetonitrile (aq)**Test Analysis****Flow Rate** 1.25 ml / min**Eluent** Isocratic 60 % acetonitrile (aq)**Pressure** 1781 psi**Sample Volume** 2.5 µl**Detection** UV at 254nm

Peak No	Peak Name	Retention time (minutes)	Tailing Factor (5%)
1	Theophylline	1.41	1.38
2	p-Nitroaniline	1.91	1.30
3	Methyl Benzoate	2.65	1.18
4	Phenetole	3.49	1.10
5	o-Xylene	4.63	1.07

Efficiency o-Xylene (n/m) = 125853

Asymmetry Factor (5%) o-Xylene = 1.07