







UHPLC Peak Id	Average		Structure	HILIC-UHPLC-ESI-MS and MS/MS							
	GU (PROC)	% Area		Composition			[m/z] ⁺ calculated	[m/z] ²⁺ calculated	[m/z] ⁺ registered	[m/z] ²⁺ registered	[m/z] characteristic B and Y fragment ions (composition)
				Hex (H)	HexNAc (N)	Neu5Ac (S)					
1	1.93	6.80		1	1	0	603.32	302.17	603.35	nd	441.30 (N1-PROC)
2	2.18	16.15		1	0	1	691.34	346.17	691.36	nd	292.12 (S); 400.27 (H1-PROC)
3	2.50	62.82		1	1	1	894.42	447.71	894.41	nd	441.31 (N1-PROC); 603.34 (H1N1-PROC)
4	3.13	1.59		1	1	1	894.42	447.71	894.41	nd	441.32 (N1-PROC); 603.37 (H1N1-PROC)
5	3.90	10.42		1	1	2	1185.51	593.26	1185.54	593.30	292.13 (S); 441.26 (N1-PROC); 454.16 (HS); 603.33 (H1N1-PROC); 732.36 (N1S1-PROC); 894.38 (H1N1S1-PROC)
6	4.91	2.22		2	2	2	1550.65	775.83	nd	775.84	292.12 (S); 366.18 (H1N1); 441.28 (N1-PROC); 454.16 (H1S1); 603.36 (H1N1-PROC); 644.34 (N2-PROC); 657.24 (H1N1S1); 806.40 (H1N2-PROC); 894.39 (H1N1S1-PROC); 968.38 (H2N2-PROC); 1097.46 (H1N2S1-PROC); 1259.51 (H2N2S1-PROC)