



Certificate of Analysis

LudgerSep™ LS-C-BUFFX4

Cat. #: LS-C-BUFFX4

Batch #: B32J-03

Size: 50 mL

Test Analysis

Column	LudgerSep C3 (LS-C3-7.5x75)																														
Flow Rate	0.4 mL / min																														
Buffer A	20% Acetonitrile																														
Buffer B	LS-C-BUFFX4 50mL added to 200mL water and 50mL Acetonitrile																														
Gradient	<table><thead><tr><th>Time (min)</th><th>% A</th><th>%B</th></tr></thead><tbody><tr><td>0</td><td>100</td><td>0</td></tr><tr><td>5</td><td>100</td><td>0</td></tr><tr><td>21</td><td>96</td><td>4</td></tr><tr><td>61</td><td>74</td><td>26</td></tr><tr><td>72</td><td>59</td><td>41</td></tr><tr><td>77</td><td>51.5</td><td>48.5</td></tr><tr><td>80</td><td>51.5</td><td>48.5</td></tr><tr><td>81</td><td>100</td><td>0</td></tr><tr><td>90</td><td>100</td><td>0</td></tr></tbody></table>	Time (min)	% A	%B	0	100	0	5	100	0	21	96	4	61	74	26	72	59	41	77	51.5	48.5	80	51.5	48.5	81	100	0	90	100	0
Time (min)	% A	%B																													
0	100	0																													
5	100	0																													
21	96	4																													
61	74	26																													
72	59	41																													
77	51.5	48.5																													
80	51.5	48.5																													
81	100	0																													
90	100	0																													
Temperature	40 °C																														
Sample	GCP-FET-50U (batch B144-02)																														
Injection Volume	100 µL																														
Fluorescence Detection	λ_{Ex} 330nm, λ_{Em} 420nm																														

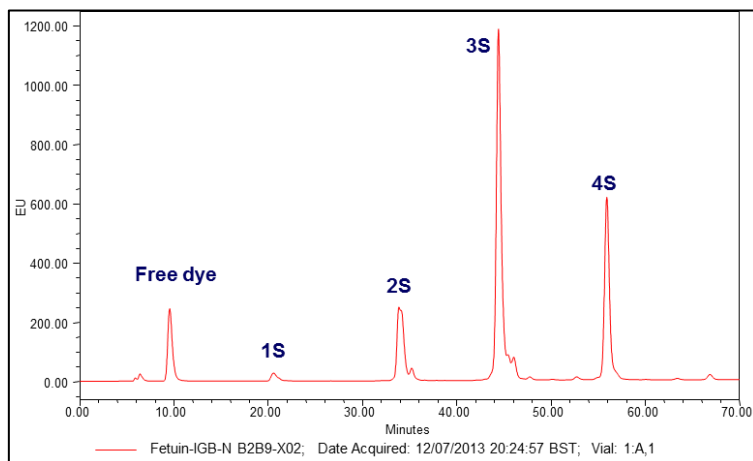


Figure 1: LudgerSep C3 chromatogram of 2AB labelled glycans released from GCP-FET-50U