

# Mixed polysaccharides Analysis on Carbomix Pb-NP5:8% ( 7815 )

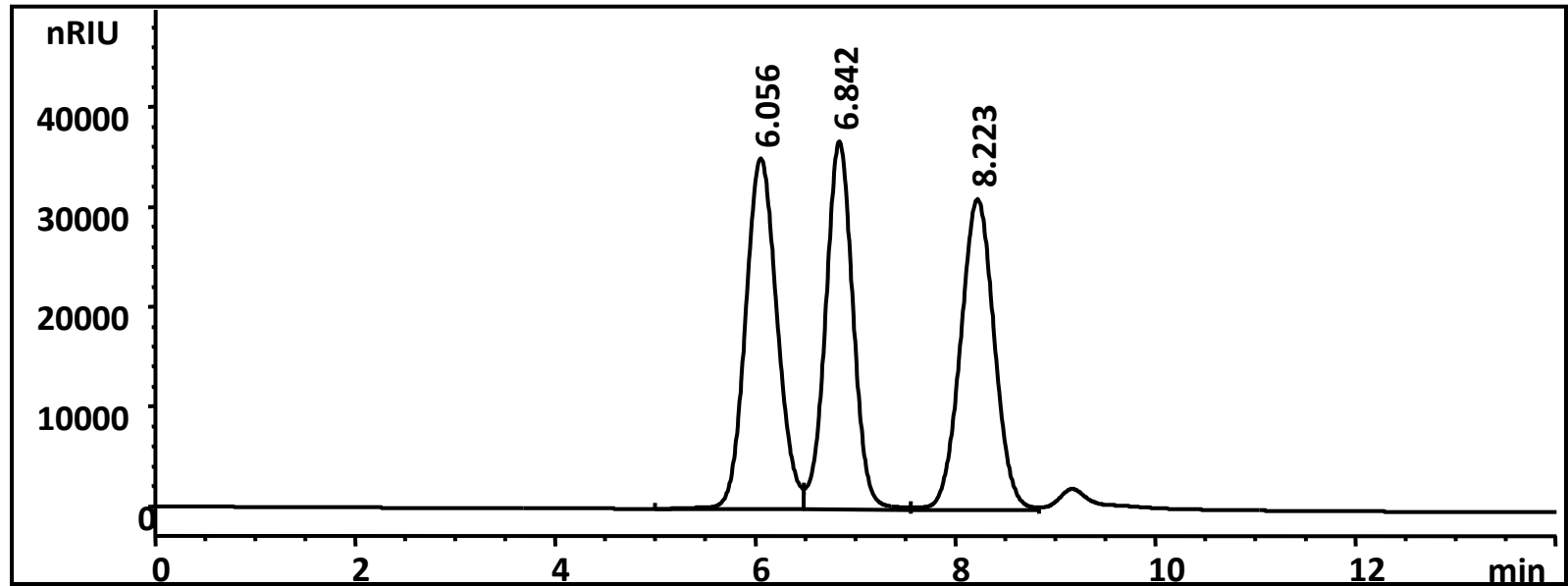
Column: Carbomix Pb-NP5:8% ( 5  $\mu$ m, 8%, 7.8 x 150 mm )

Mobile phase: Water, Flow rate: 0.6 mL/min, Detector: RI ( 35  $^{\circ}$ C )

Column temperature: 80  $^{\circ}$ C, Injection volume: 10  $\mu$ L

Samples: Cellobiose + Glucose + Mannose ( 5.0 mg/mL ),

Pressure: 10 bar



Compound Name	RT [min]	Height	Area	Plates	Tailing	Resolution
Cellobiose	6.06	35161	773754	1796	1.15	
Glucose	6.84	36869	704186	3073	0.96	1.47
Mannose	8.22	31136	735298	2890	1.30	2.50



# Mixed polysaccharides Analysis on Carbomix Pb-NP5:8% ( 7815 )

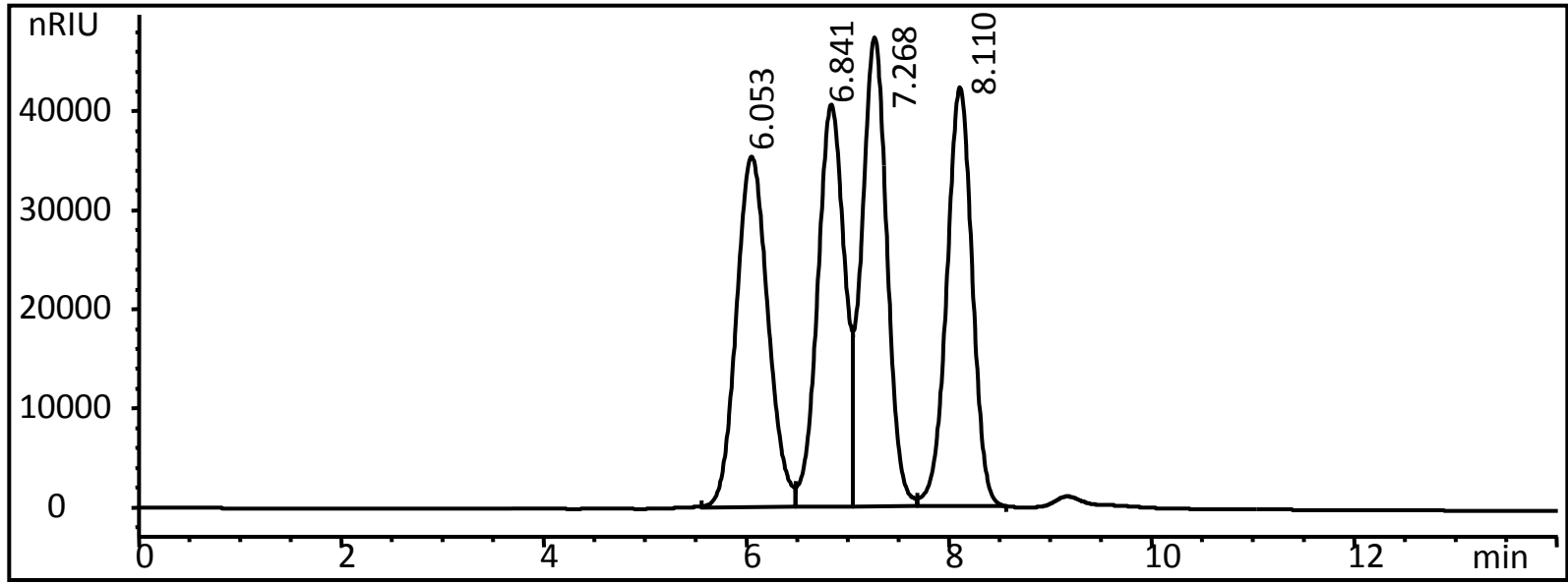
Column: Carbomix Pb-NP5:8% ( 5  $\mu$ m, 8%, 7.8 x 150 mm )

Mobile phase: Water, Flow rate: 0.6 mL/min, Detector: RI ( 35  $^{\circ}$ C )

Column temperature: 80  $^{\circ}$ C, Injection volume: 10  $\mu$ L

Samples: Cellobiose + Glucose + Xylose + Arabinose ( 5.0 mg/mL )

Pressure: 10 bar



Compound Name	RT [min]	Height	Area	Plates	Tailing	Resolution
<b>Cellobiose</b>	6.05	35510	774447	1785	1.14	
<b>Glucose</b>	6.84	40703	770842	2699	-1.38	1.43
<b>Xylose</b>	7.27	47491	811851	3708	1.26	0.85
<b>Arabinose</b>	8.11	42480	749898	5003	0.97	1.80



# Mixed polysaccharides Analysis on Carbomix Pb-NP5:8% ( 7815 )

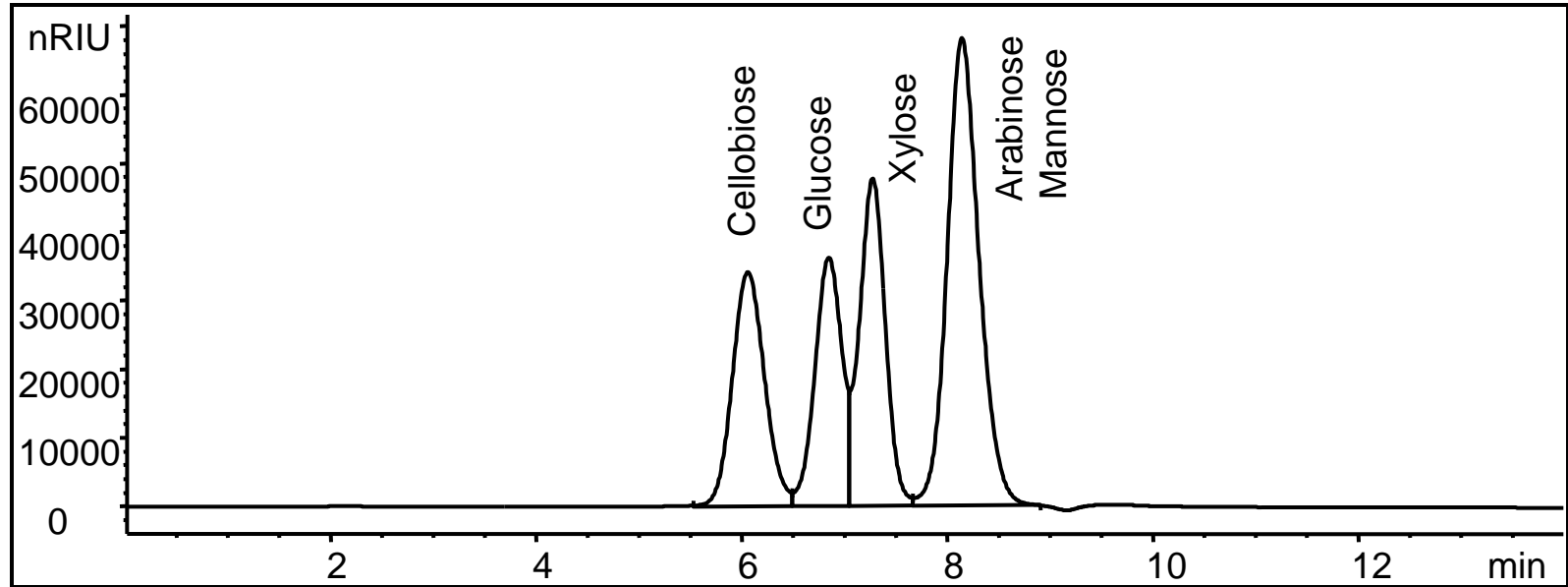
Column: Carbomix Pb-NP5:8% ( 5  $\mu\text{m}$ , 8%, 7.8 x 150 mm )

Mobile phase: Water, Flow rate: 0.6 mL/min, Detector: RI ( 35  $^{\circ}\text{C}$  )

Column temperature: 80  $^{\circ}\text{C}$ , Injection volume: 10  $\mu\text{L}$

Samples: Cellobiose + Glucose + Mannose + Xylose + Arabinose ( 5.0 mg/mL )

Pressure: 10 bar



Compound Name	RT [min]	Height	Area	Plates	Tailing	Resolution
<b>Cellobiose</b>	6.06	34131	746182	1773	1.16	
<b>Glucose</b>	6.84	36258	668023	2583	-1.44	1.41
<b>Xylose</b>	7.27	47756	834708	3757	1.17	0.84
<b>Arabinose/ Mannose</b>	8.14	68176	1476569	3408	1.14	1.68



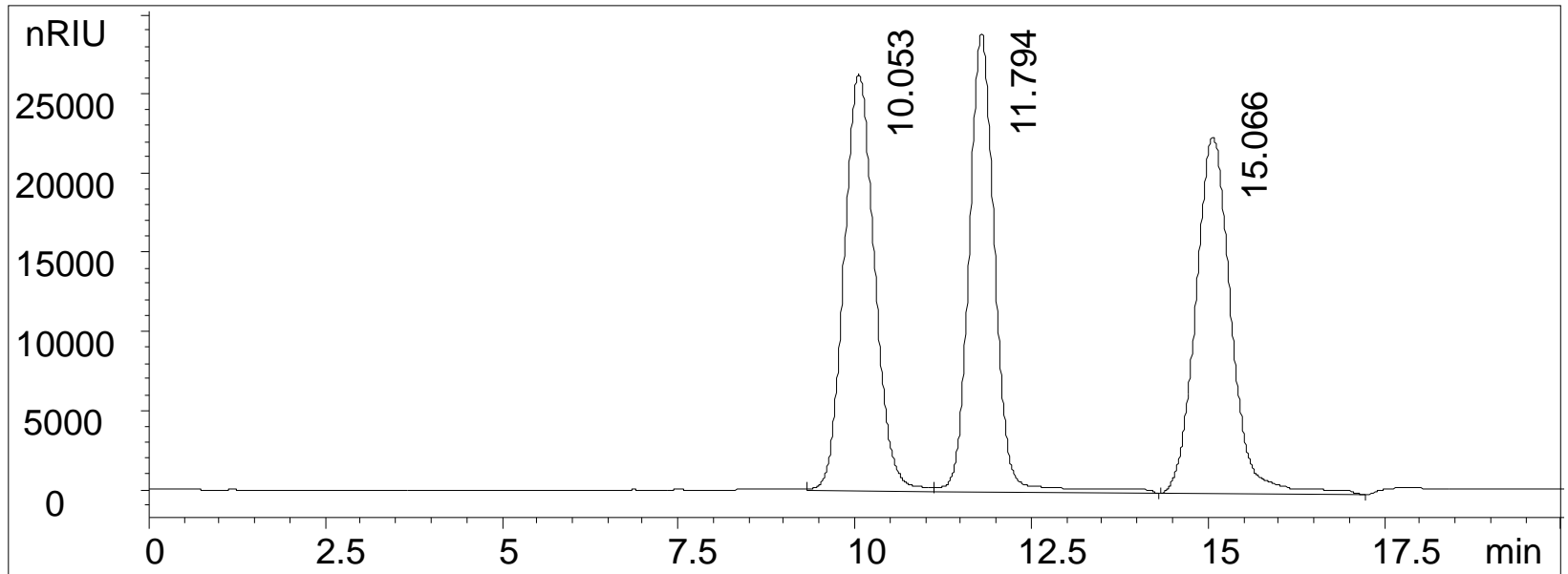
# Mixed polysaccharides Analysis on Carbomix Pb-NP5:8% ( 7830 )

Column: Carbomix Pb-NP5:8% ( 5  $\mu$ m, 8%, 7.8 x 300 mm )

Mobile phase: Water, Flow rate: 0.6 mL/min, Detector: RI ( 35  $^{\circ}$ C ), Column temperature: 80  $^{\circ}$ C

Injection volume: 10  $\mu$ L, Samples: Cellobiose + Glucose + Mannose ( 5.0 mg/mL ),

Pressure: 27 bar



Compound Name	RT [min]	Height	Area	Plates	Tailing	Resolution
Cellobiose	10.05	26275	795934	2622	1.10	
Glucose	11.79	28896	742086	5497	1.06	2.45
Mannose	15.07	22491	790449	4765	1.08	4.33



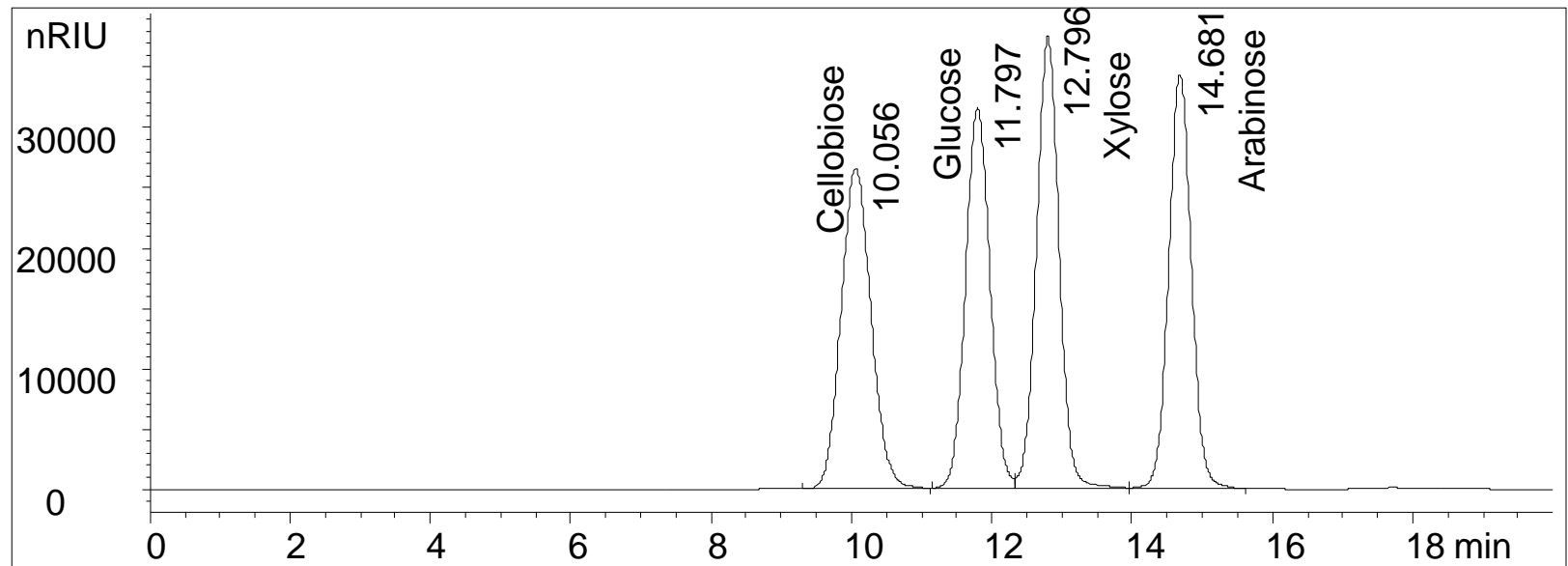
# Mixed polysaccharides Analysis on Carbomix Pb-NP5:8% ( 7830 )

Column: Carbomix Pb-NP5:8% ( 5  $\mu$ m, 8%, 7.8 x 300 mm )

Mobile phase: Water, Flow rate: 0.6 mL/min, Detector: RI ( 35  $^{\circ}$ C ), Column temperature: 80  $^{\circ}$ C

Injection volume: 10  $\mu$ L, Samples: Cellobiose + Glucose + Xylose + Arabinose ( 5.0 mg/mL )

Pressure: 27 bar



Compound Name	RT [min]	Height	Area	Plates	Tailing	Resolution
<b>Cellobiose</b>	10.06	26514	788578	2605	1.09	
<b>Glucose</b>	11.80	31549	761051	5427	1.06	2.43
<b>Xylose</b>	12.80	37433	836972	7680	1.02	1.63
<b>Arabinose</b>	14.68	34248	763254	10208	1.04	3.23



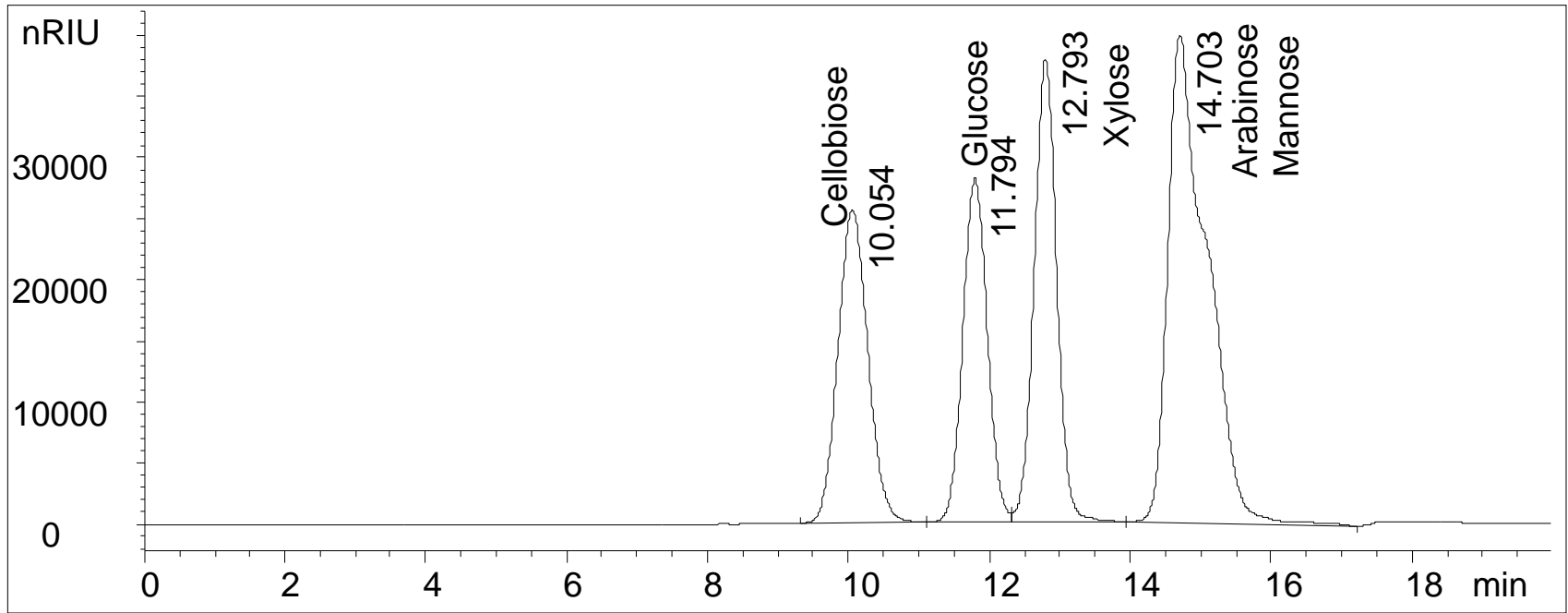
# Mixed polysaccharides Analysis on Carbomix Pb-NP5:8% ( 7830 )

Column: Carbomix Pb-NP5:8% ( 5  $\mu$ m, 8%, 7.8 x 300 mm )

Mobile phase: Water, Flow rate: 0.6 mL/min, Detector: RI ( 35  $^{\circ}$ C ), Column temperature: 80  $^{\circ}$ C

Injection volume: 10  $\mu$ L, Samples: Cellobiose + Glucose + Mannose + Xylose + Arabinose ( 5.0 mg/mL )

Pressure: 27 bar



Compound Name	RT [min]	Height	Area	Plates	Tailing	Resolution
<b>Cellobiose</b>	10.05	25585	762067	2589	1.10	
<b>Glucose</b>	11.79	28182	681061	5427	1.05	2.43
<b>Xylose</b>	12.79	37818	845283	7676	1.02	1.63
<b>Arabinose /Mannose</b>	14.70	39849	1534915	2775	1.65	2.24

