

|                       |                       |                 |                                |
|-----------------------|-----------------------|-----------------|--------------------------------|
| Software Version      | : 6.3.1.0504          | Date            | : 07.06.2023 14:17:55          |
| Operator              | : manager             | Sample Name     | :                              |
| Sample Number         | : 079                 | Study           | : Aminex RI(Sugars&alcohols)01 |
| AutoSampler           | : NONE                | Rack/Vial       | : 0/0                          |
| Instrument Name       | : RI                  | Channel         | : A                            |
| Interface Serial #    | : 8289280011          | A/D mV Range    | : 1000                         |
| Delay Time            | : 0.00 min            | End Time        | : 12.62 min                    |
| Sampling Rate         | : 1.0000 pts/s        |                 |                                |
| Sample Volume         | : 20.000000 µL        | Area Reject     | : 0.000000                     |
| Sample Amount         | : 1.0000              | Dilution Factor | : 1.00                         |
| Data Acquisition Time | : 07.06.2023 14:02:47 | Cycle           | : 1                            |

Raw Data File : C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri

sugars&alcohols\_3\_18.12.09-20230607-140257.raw

Inst Method : d:\hplc data\met\aminex ri(sugars)03+lactose from C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri

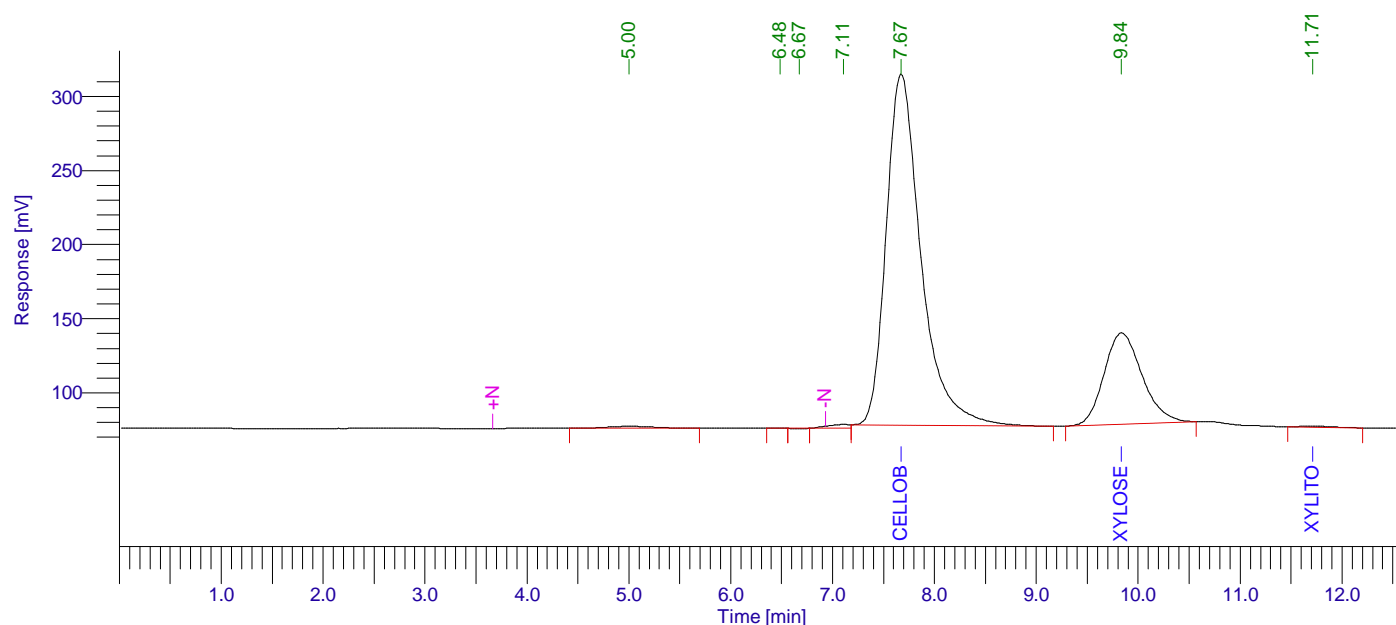
sugars&alcohols\_3\_18.12.09-20230607-140257.raw

Proc Method : d:\hplc data\met\aminex ri(sugars)03+lactose.mth from

Calib Method : d:\hplc data\met\aminex ri(sugars)03+lactose.mth from

Report Format File: d:\hplc data\met\aminex ri(sugars) 01 .rpt

Sequence File : D:\HPLC Data\Seq\Aminex RI (Sugars & alcohols) 01.seq



## Aminex RI (Sugars) 01

| Peak # | Component Name | Time [min] | Area [uV*sec] | Height [uV] | Area [%] | Norm. Area [%] | Raw amount g/L | Adjusted amount g/L |
|--------|----------------|------------|---------------|-------------|----------|----------------|----------------|---------------------|
| 1      |                | 5.002      | 44376.48      | 1313.17     | 0.61     | 0.61           | 0.0022         | 0.0022              |
| 2      |                | 6.484      | 1434.98       | 188.80      | 0.02     | 0.02           | 0.0001         | 0.0001              |
| 3      |                | 6.674      | 3961.80       | -486.54     | 0.05     | 0.05           | 0.0002         | 0.0002              |
| 4      |                | 7.108      | 39452.44      | 2497.96     | 0.54     | 0.54           | 0.0020         | 0.0020              |
| 5      | Cellobiose     | 7.671      | 5620683.65    | 236964.25   | 76.85    | 76.85          | 7.7283         | 7.7283              |
| 6      | Xylose         | 9.836      | 1591123.56    | 61503.39    | 21.76    | 21.76          | 2.1727         | 2.1727              |
| 7      | Xylitol        | 11.710     | 12770.83      | 616.50      | 0.17     | 0.17           | 0.0343         | 0.0343              |
|        |                |            | 7313803.73    | 302597.53   | 100.00   | 100.00         | 9.9398         | 9.9398              |

07.06.2023 14:17:55 Result:

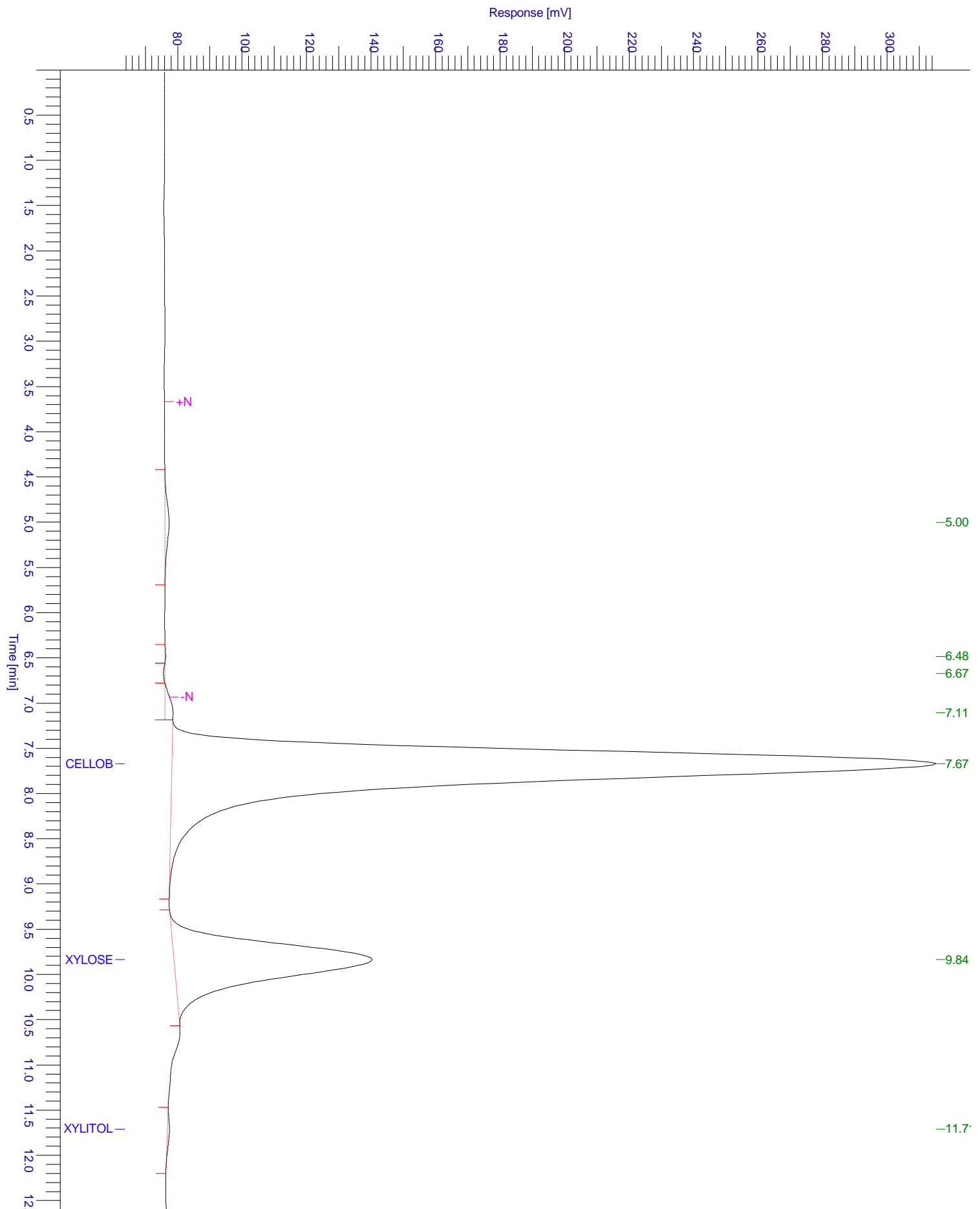
## Missing Component Report

| Component | Expected Retention (Calibration File) |
|-----------|---------------------------------------|
|-----------|---------------------------------------|

|             |        |
|-------------|--------|
| Cucrose     | 7.733  |
| Lactose     | 7.920  |
| Glucose     | 9.172  |
| L-arab-se   | 10.800 |
| Lac-acid    | 13.126 |
| Glycerol    | 13.350 |
| Ac-acid     | 15.530 |
| Acetone     | 18.522 |
| Ethanol     | 20.121 |
| Propanol    | 21.098 |
| Isopropanol | 22.119 |
| Isobutanol  | 31.890 |
| Butanol     | 34.050 |
| Isoamyl     | 44.911 |
| Amyl        | 57.198 |

# Chromatogram

Sample Name :                      Sample #: 079                      Page 1 of 1  
FileName : C:\PenExe\TcWS\Ver6.3.1\Templaminex ri sugars&alcohols\_3\_18.12.09-20230607-140257.raw  
Date : 07.06.2023 14:18:00  
Method : aminex ri(sugars)03+lactose.mth                      Time of Injection: 07.06.2023 14:02:47  
Start Time : 0.00 min                      End Time : 12.62 min                      Low Point : 63.63 mV                      High Point : 315.12 mV  
Scale Factor: 1.0                      Plot Offset: 63.63 mV                      Plot Scale: 251.5 mV



# Chromatogram

Sample Name :                      Sample #: 079                      Page 1 of 1  
FileName : C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri sugars&alcohols\_3\_18.12.09-20230607-140257.raw  
Date : 07.06.2023 14:18:00  
Method : aminex ri(sugars)03+lactose.mth                      Time of Injection: 07.06.2023 14:02:47  
Start Time : 0.00 min                      End Time : 12.62 min                      Low Point : 63.00 mV                      High Point : 315.12 mV  
Plot Offset: 63.00 mV                      Plot Scale: 252.1 mV

