

|                       |                      |                 |                                |
|-----------------------|----------------------|-----------------|--------------------------------|
| Software Version      | : 6.3.1.0504         | Date            | : 31.03.2023 2:29:02           |
| 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        | : 45.32 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 | : 31.03.2023 1:41:44 | Cycle           | : 1                            |

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

sugars&alcohols\_3\_18.12.09-20230331-014154.raw

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

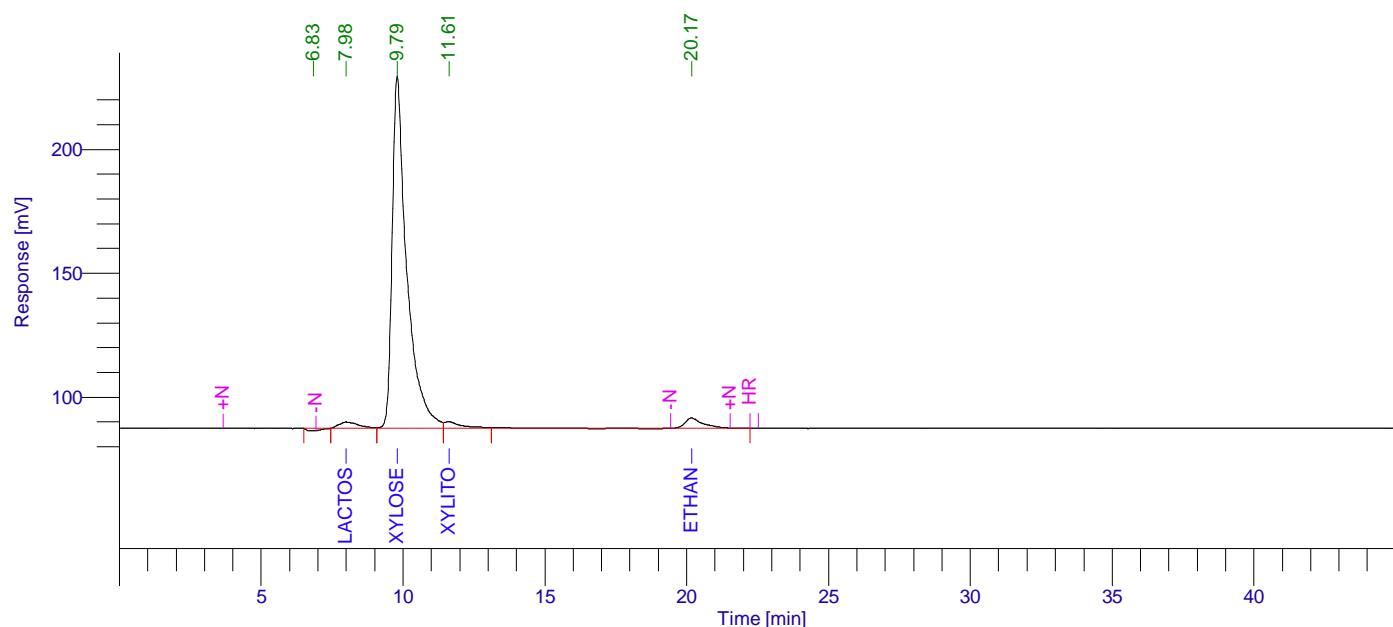
sugars&alcohols\_3\_18.12.09-20230331-014154.raw

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      |                | 6.829      | 35137.89      | -1063.15    | 0.63     | 0.63           | 0.0018         | 0.0018              |
| 2      | Lactose        | 7.983      | 123469.08     | 2537.75     | 2.21     | 2.21           | 0.0091         | 0.0091              |
| 3      | Xylose         | 9.790      | 5107011.62    | 142249.26   | 91.30    | 91.30          | 7.0378         | 7.0378              |
| 4      | Xylitol        | 11.614     | 114238.00     | 2682.95     | 2.04     | 2.04           | 0.1847         | 0.1847              |
| 5      | Ethanol        | 20.168     | 213888.56     | 4122.01     | 3.82     | 3.82           | 0.7187         | 0.7187              |
|        |                |            | 5593745.15    | 150528.82   | 100.00   | 100.00         | 7.9520         | 7.9520              |

31.03.2023 2:29:02 Result:

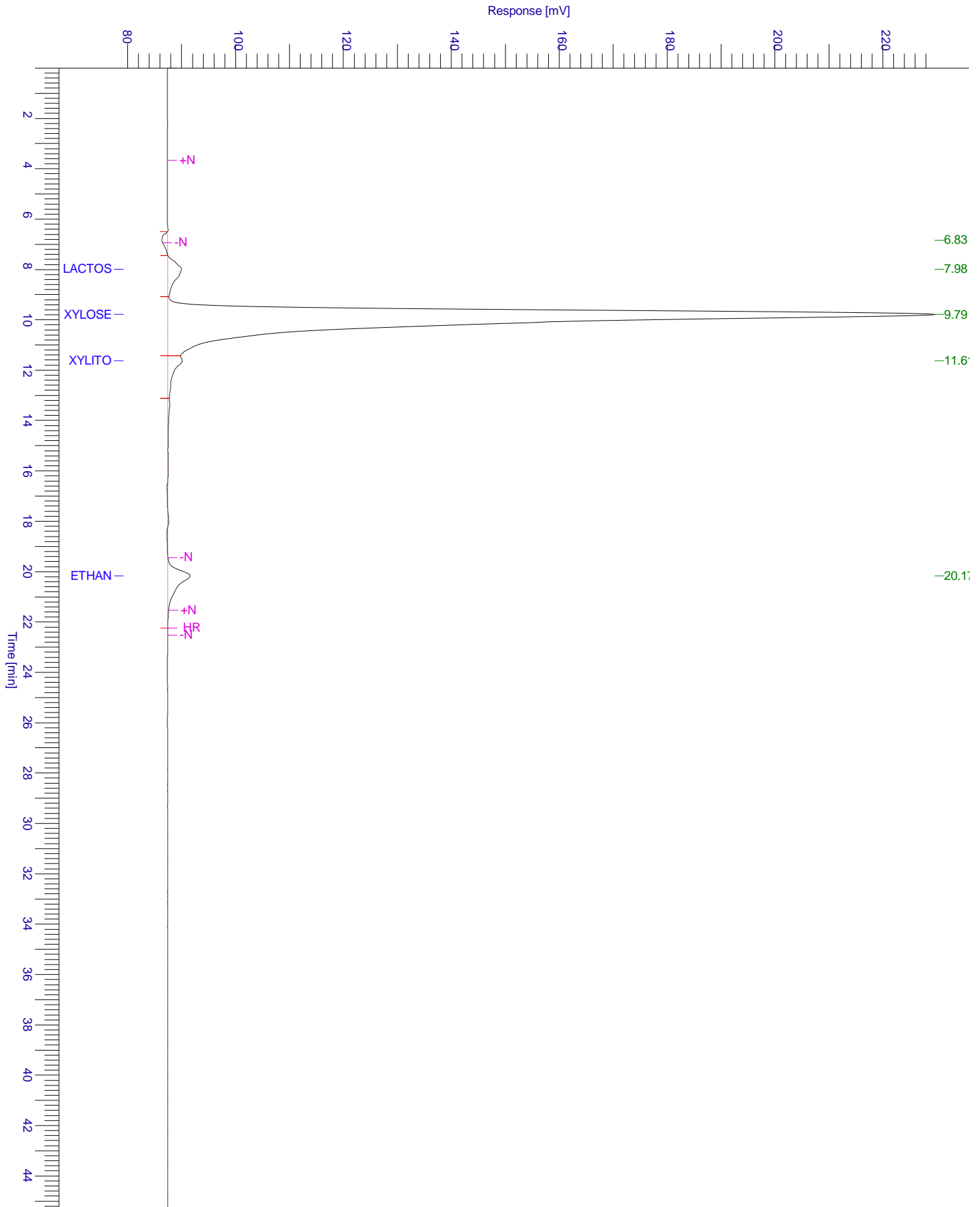
## Missing Component Report

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

|             |        |
|-------------|--------|
| Cucrose     | 7.733  |
| Glucose     | 9.172  |
| L-arab-se   | 10.800 |
| Lac-acid    | 13.126 |
| Glycerol    | 13.350 |
| Ac-acid     | 15.530 |
| Acetone     | 18.522 |
| 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\Temp\aminex ri sugars&alcohols\_3\_18.12.09-20230331-014154.raw  
Date : 31.03.2023 2:29:06  
Method : aminex ri(sugars)03+lactose.mth                      Time of Injection: 31.03.2023 1:41:44  
Start Time : 0.00 min                      End Time : 45.32 min                      Low Point : 79.21 mV                      High Point : 229.60 mV  
Scale Factor: 1.0                      Plot Offset: 79.21 mV                      Plot Scale: 150.4 mV



# Chromatogram

Sample Name :                      Sample #: 079                      Page 1 of 1  
FileName : C:\PenExe\TcWS\Ver6.3.1\Templaminex ri sugars&alcohols\_3\_18.12.09-20230331-014154.raw  
Date : 31.03.2023 2:29:06  
Method : aminex ri(sugars)03+lactose.mth                      Time of Injection: 31.03.2023 1:41:44  
Start Time : 0.00 min                      End Time : 45.32 min                      Low Point : 78.83 mV                      High Point : 229.60 mV  
Plot Offset: 78.83 mV                      Plot Scale: 150.8 mV

