

Software Version	: 6.3.1.0504	Date	: 19.06.2023 14:07:38
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	: 30.32 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	: 19.06.2023 13:20:15	Cycle	: 1

Raw Data File : C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri
sugars&alcohols_3_18.12.09-20230619-132025.raw

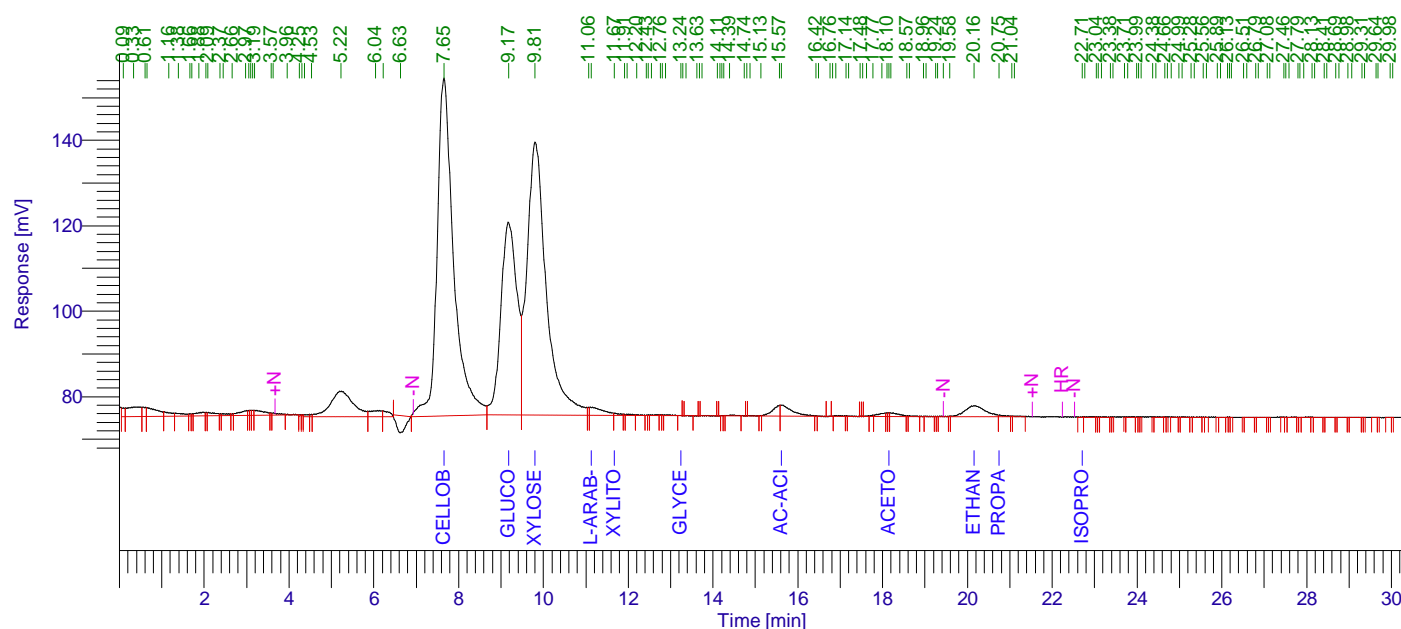
Inst Method : d:\hplc data\met\aminex ri(sugars)03+lactose from C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri
sugars&alcohols_3_18.12.09-20230619-132025.raw

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		0.091	10209.52	1996.85	0.16	0.16	0.0005	0.0005
2		0.329	51464.58	2218.74	0.80	0.80	0.0026	0.0026
3		0.606	12512.35	2145.77	0.20	0.20	0.0006	0.0006
4		0.655	38971.15	2066.33	0.61	0.61	0.0019	0.0019
5		1.157	14344.78	891.11	0.22	0.22	0.0007	0.0007
6		1.381	12818.76	728.24	0.20	0.20	0.0006	0.0006
7		1.661	2039.58	621.45	0.03	0.03	0.0001	0.0001
8		1.713	1860.47	655.65	0.03	0.03	0.0001	0.0001
9		1.877	14777.18	874.32	0.23	0.23	0.0007	0.0007
10		2.041	2914.52	1003.58	0.05	0.05	0.0001	0.0001
11		2.090	13640.58	936.90	0.21	0.21	0.0007	0.0007
12		2.374	1959.15	684.16	0.03	0.03	0.0001	0.0001
13		2.440	8643.96	642.22	0.14	0.14	0.0004	0.0004

19.06.2023 14:07:38 Result:

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [uV]	Area [%]	Norm. Area [%]	Raw amount g/L	Adjusted amount g/L
14		2.664	2310.81	707.93	0.04	0.04	0.0001	0.0001
15		2.973	20664.96	1317.74	0.32	0.32	0.0010	0.0010
16		3.048	4269.06	1453.25	0.07	0.07	0.0002	0.0002
17		3.096	4429.67	1515.94	0.07	0.07	0.0002	0.0002
18		3.142	4465.07	1526.31	0.07	0.07	0.0002	0.0002
19		3.191	27254.11	1459.49	0.43	0.43	0.0014	0.0014
20		3.573	2516.60	874.74	0.04	0.04	0.0001	0.0001
21		3.620	12649.92	790.50	0.20	0.20	0.0006	0.0006
22		3.961	8771.09	498.36	0.14	0.14	0.0004	0.0004
23		4.249	1294.31	440.64	0.02	0.02	0.0001	0.0001
24		4.308	1258.94	415.54	0.02	0.02	0.0001	0.0001
25		4.363	3901.47	428.32	0.06	0.06	0.0002	0.0002
26		4.531	1784.79	497.13	0.03	0.03	0.0001	0.0001
27		5.225	223458.83	5951.64	3.49	3.49	0.0112	0.0112
28		6.040	27133.77	1364.96	0.42	0.42	0.0014	0.0014
29		6.215	15281.53	1288.63	0.24	0.24	0.0008	0.0008
30		6.632	53589.05	-3777.40	0.84	0.84	0.0027	0.0027
31	Cellobiose	7.649	2165774.30	79247.77	33.87	33.87	2.9819	2.9819
32	Glucose	9.175	1205569.51	45478.81	18.85	18.85	1.9522	1.9522
33	Xylose	9.806	2054343.21	64350.07	32.13	32.13	2.8137	2.8137
34		11.061	6382.88	2156.98	0.10	0.10	0.0003	0.0003
35	L-arab-se	11.124	51805.50	2159.25	0.81	0.81	0.0038	0.0038
36	Xylitol	11.671	9430.08	771.39	0.15	0.15	0.0294	0.0294
37		11.907	1644.91	579.83	0.03	0.03	0.0001	0.0001
38		11.969	6663.05	517.09	0.10	0.10	0.0003	0.0003
39		12.202	5372.68	417.31	0.08	0.08	0.0003	0.0003
40		12.426	1066.59	391.22	0.02	0.02	0.0001	0.0001
41		12.476	1092.14	396.64	0.02	0.02	0.0001	0.0001
42		12.553	5478.77	385.59	0.09	0.09	0.0003	0.0003
43		12.759	1254.59	450.42	0.02	0.02	0.0001	0.0001
44		12.809	1227.23	443.45	0.02	0.02	0.0001	0.0001
45		12.876	6768.55	403.56	0.11	0.11	0.0003	0.0003
46	Glycerol	13.241	1631.48	274.39	0.03	0.03	0.0000	0.0000
47		13.292	692.25	266.66	0.01	0.01	0.0000	0.0000
48		13.360	2723.09	232.85	0.04	0.04	0.0001	0.0001
49		13.626	1497.76	233.04	0.02	0.02	0.0001	0.0001
50		13.677	586.24	227.40	0.01	0.01	0.0000	0.0000
51		13.741	4702.57	227.96	0.07	0.07	0.0002	0.0002
52		14.110	612.35	233.49	0.01	0.01	0.0000	0.0000
53		14.162	629.31	240.32	0.01	0.01	0.0000	0.0000
54		14.211	736.33	285.19	0.01	0.01	0.0000	0.0000
55		14.260	784.31	299.66	0.01	0.01	0.0000	0.0000
56		14.392	6739.76	346.50	0.11	0.11	0.0003	0.0003
57		14.742	1328.03	236.38	0.02	0.02	0.0001	0.0001
58		14.792	576.85	228.55	0.01	0.01	0.0000	0.0000
59		14.870	3262.87	212.02	0.05	0.05	0.0002	0.0002
60		15.131	947.84	277.03	0.01	0.01	0.0000	0.0000
61		15.571	34197.78	2669.37	0.53	0.53	0.0017	0.0017
62	Ac-acid	15.611	54766.54	2692.64	0.86	0.86	0.0000	0.0000
63		16.422	505.69	201.53	0.01	0.01	0.0000	0.0000
64		16.480	991.43	137.51	0.02	0.02	0.0000	0.0000
65		16.764	496.21	119.80	0.01	0.01	0.0000	0.0000
66		16.813	392.20	166.00	0.01	0.01	0.0000	0.0000
67		16.889	3274.53	199.23	0.05	0.05	0.0002	0.0002
68		17.141	467.54	187.94	0.01	0.01	0.0000	0.0000
69		17.201	1542.27	129.97	0.02	0.02	0.0001	0.0001
70		17.477	221.31	105.04	0.00	0.00	0.0000	0.0000
71		17.527	254.51	119.73	0.00	0.00	0.0000	0.0000

19.06.2023 14:07:38 Result:

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [uV]	Area [%]	Norm. Area [%]	Raw amount g/L	Adjusted amount g/L
72		17.619	1005.02	138.36	0.02	0.02	0.0001	0.0001
73		17.769	1583.81	321.25	0.02	0.02	0.0001	0.0001
74		17.978	10068.15	679.50	0.16	0.16	0.0005	0.0005
75		18.099	2536.27	874.61	0.04	0.04	0.0001	0.0001
76	Acetone	18.144	2653.39	918.83	0.04	0.04	-7.0734	-7.0734
77		18.193	13278.93	875.36	0.21	0.21	0.0007	0.0007
78		18.573	570.27	218.44	0.01	0.01	0.0000	0.0000
79		18.632	1969.02	169.67	0.03	0.03	0.0001	0.0001
80		18.958	419.81	83.96	0.01	0.01	0.0000	0.0000
81		19.026	435.86	52.12	0.01	0.01	0.0000	0.0000
82		19.244	87.11	58.78	0.00	0.00	0.0000	0.0000
83		19.293	107.17	69.91	0.00	0.00	0.0000	0.0000
84		19.428	682.74	54.74	0.01	0.01	0.0000	0.0000
85		19.578	260.44	118.09	0.00	0.00	0.0000	0.0000
86	Ethanol	20.161	84901.93	2528.38	1.33	1.33	0.2901	0.2901
87	Propanol	20.749	3645.36	330.98	0.06	0.06	0.0000	0.0000
88		21.043	324.96	138.70	0.01	0.01	0.0000	0.0000
89		21.101	1227.02	110.71	0.02	0.02	0.0001	0.0001
90	Isopropanol	22.710	388.74	90.35	0.01	0.01	0.0007	0.0007
91		22.774	944.07	58.85	0.01	0.01	0.0000	0.0000
92		23.043	149.20	79.11	0.00	0.00	0.0000	0.0000
93		23.092	141.86	79.85	0.00	0.00	0.0000	0.0000
94		23.163	615.42	57.81	0.01	0.01	0.0000	0.0000
95		23.376	141.85	78.82	0.00	0.00	0.0000	0.0000
96		23.425	146.27	82.35	0.00	0.00	0.0000	0.0000
97		23.709	138.52	78.09	0.00	0.00	0.0000	0.0000
98		23.782	807.91	62.35	0.01	0.01	0.0000	0.0000
99		23.993	162.50	83.85	0.00	0.00	0.0000	0.0000
100		24.042	153.59	83.76	0.00	0.00	0.0000	0.0000
101		24.091	150.32	84.50	0.00	0.00	0.0000	0.0000
102		24.375	144.24	81.17	0.00	0.00	0.0000	0.0000
103		24.447	583.89	58.16	0.01	0.01	0.0000	0.0000
104		24.660	192.19	83.35	0.00	0.00	0.0000	0.0000
105		24.709	157.80	86.47	0.00	0.00	0.0000	0.0000
106		24.808	581.57	88.72	0.01	0.01	0.0000	0.0000
107		24.992	137.80	73.89	0.00	0.00	0.0000	0.0000
108		25.062	656.56	58.77	0.01	0.01	0.0000	0.0000
109		25.276	135.94	74.04	0.00	0.00	0.0000	0.0000
110		25.346	692.42	60.49	0.01	0.01	0.0000	0.0000
111		25.560	133.35	73.07	0.00	0.00	0.0000	0.0000
112		25.630	297.70	62.76	0.00	0.00	0.0000	0.0000
113		25.892	137.69	77.58	0.00	0.00	0.0000	0.0000
114		25.963	393.93	53.16	0.01	0.01	0.0000	0.0000
115		26.129	185.92	83.35	0.00	0.00	0.0000	0.0000
116		26.176	178.03	90.35	0.00	0.00	0.0000	0.0000
117		26.226	156.46	85.19	0.00	0.00	0.0000	0.0000
118		26.509	134.35	75.78	0.00	0.00	0.0000	0.0000
119		26.583	686.08	62.81	0.01	0.01	0.0000	0.0000
120		26.793	121.83	68.81	0.00	0.00	0.0000	0.0000
121		26.863	742.27	51.99	0.01	0.01	0.0000	0.0000
122		27.078	158.52	78.87	0.00	0.00	0.0000	0.0000
123		27.125	170.18	90.37	0.00	0.00	0.0000	0.0000
124		27.460	298.77	91.53	0.00	0.00	0.0000	0.0000
125		27.509	150.05	81.21	0.00	0.00	0.0000	0.0000
126		27.584	861.81	72.22	0.01	0.01	0.0000	0.0000
127		27.792	141.75	75.31	0.00	0.00	0.0000	0.0000
128		27.842	140.19	78.90	0.00	0.00	0.0000	0.0000
129		27.928	1125.15	89.13	0.02	0.02	0.0001	0.0001

19.06.2023 14:07:38 Result:

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [uV]	Area [%]	Norm. Area [%]	Raw amount g/L	Adjusted amount g/L
130		28.125	243.06	111.25	0.00	0.00	0.0000	0.0000
131		28.192	852.82	78.09	0.01	0.01	0.0000	0.0000
132		28.409	147.27	78.85	0.00	0.00	0.0000	0.0000
133		28.483	715.14	65.67	0.01	0.01	0.0000	0.0000
134		28.693	132.79	74.44	0.00	0.00	0.0000	0.0000
135		28.767	765.74	65.73	0.01	0.01	0.0000	0.0000
136		28.975	157.48	83.45	0.00	0.00	0.0000	0.0000
137		29.057	912.51	63.19	0.01	0.01	0.0000	0.0000
138		29.309	158.35	83.12	0.00	0.00	0.0000	0.0000
139		29.360	141.44	79.68	0.00	0.00	0.0000	0.0000
140		29.643	468.11	84.39	0.01	0.01	0.0000	0.0000
141		29.691	163.22	87.19	0.00	0.00	0.0000	0.0000
142		29.976	360.94	72.94	0.01	0.01	0.0000	0.0000
143		30.027	140.49	79.01	0.00	0.00	0.0000	0.0000
			6394178.92	252795.17	100.00	100.00	1.0363	1.0363

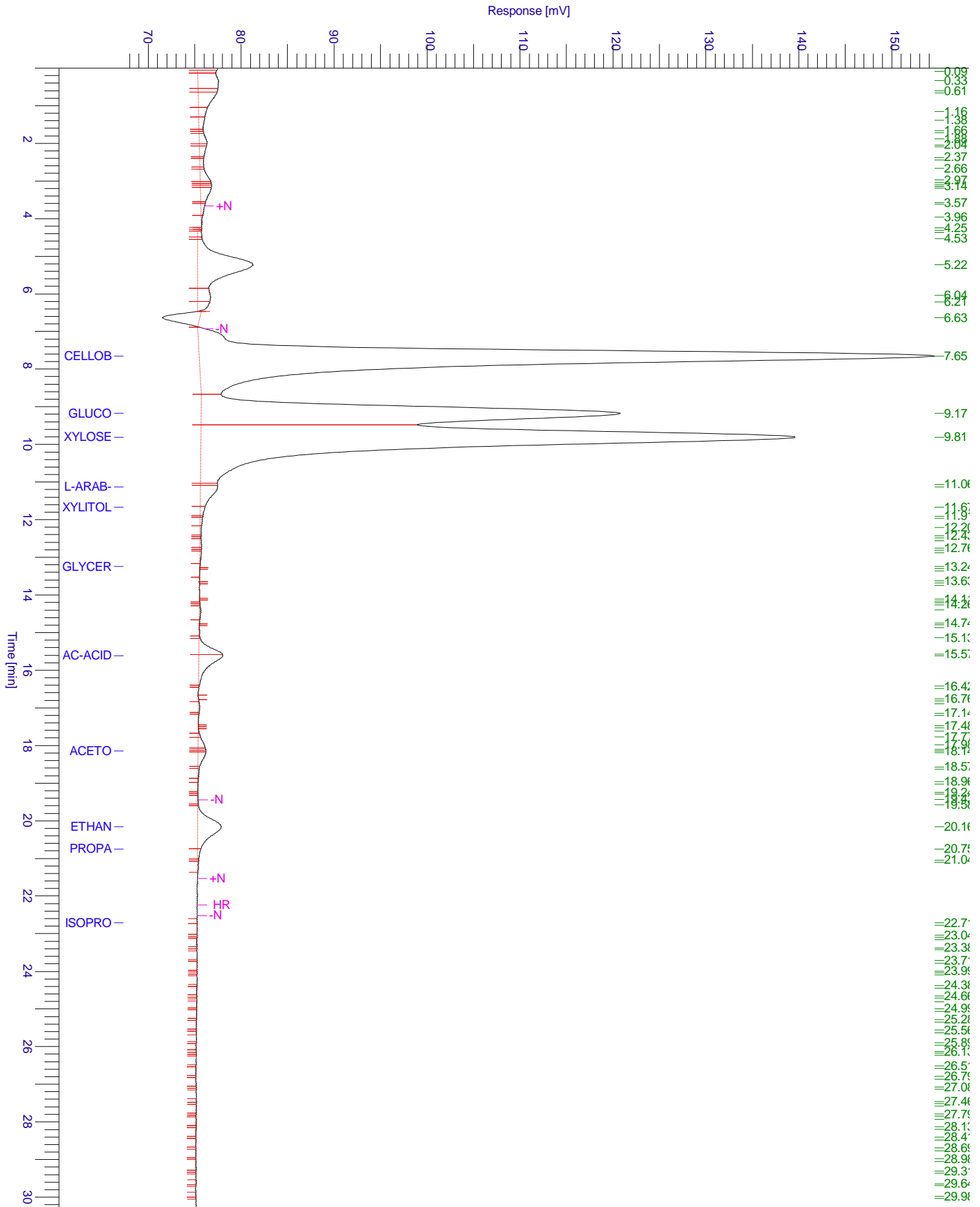
Missing Component Report

Component Expected Retention (Calibration File)

Cucose	7.733
Lactose	7.920
Lac-acid	13.126
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_18.12.09-20230619-132025.raw
Date : 19.06.2023 14:07:43
Method : aminex ri(sugars)03+lactose.mth Time of Injection: 19.06.2023 13:20:15
Start Time : 0.00 min End Time : 30.32 min Low Point : 67.34 mV High Point : 154.60 mV
Scale Factor: 1.0 Plot Offset: 67.34 mV Plot Scale: 87.3 mV



Chromatogram

Sample Name : Sample #: 079 Page 1 of 1
FileName : C:\PenExe\TcWS\Ver6.3.1\Templaminex ri sugars&alcohols_3_18.12.09-20230619-132025.raw
Date : 19.06.2023 14:07:43
Method : aminex ri(sugars)03+lactose.mth Time of Injection: 19.06.2023 13:20:15
Start Time : 0.00 min End Time : 30.32 min Low Point : 67.12 mV High Point : 154.60 mV
Plot Offset: 67.12 mV Plot Scale: 87.5 mV

