

Software Version	: 6.3.1.0504	Date	: 28.02.2024 17:07:19
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	: 86.07 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	: 28.02.2024 15:15:11	Cycle	: 1

Raw Data File : C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri  
sugars&alcohols\_3\_18.12.09-20240228-151521.raw

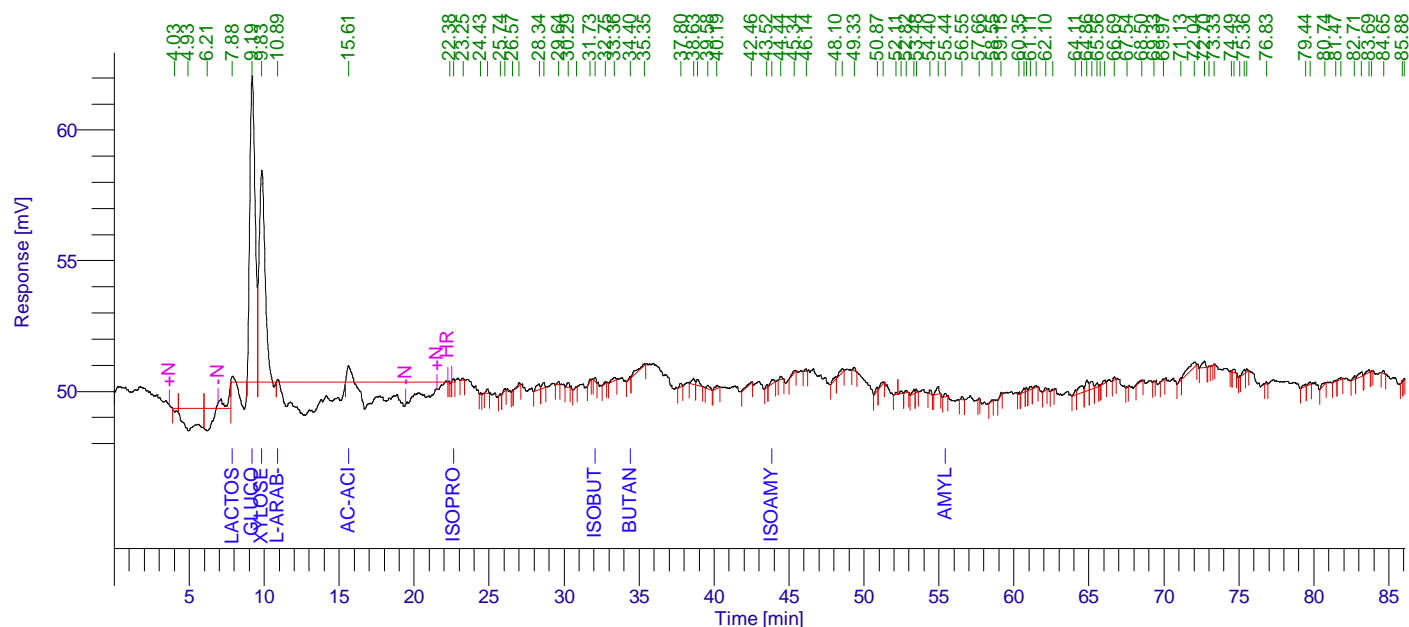
Inst Method : d:\hplc data\met\aminex ri(sugars)03+lactose from C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri  
sugars&alcohols\_3\_18.12.09-20240228-151521.raw

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		4.031	27865.14	-1149.13	2.81	2.81	0.0014	0.0014
2		4.929	168991.13	-1874.19	17.04	17.04	0.0084	0.0084
3		6.206	122412.39	-1871.58	12.34	12.34	0.0061	0.0061
4	Lactose	7.876	2930.76	228.78	0.30	0.30	0.0007	0.0007
5	Glucose	9.192	287967.76	11722.59	29.03	29.03	0.4793	0.4793
6	Xylose	9.835	225889.82	8116.61	22.77	22.77	0.2836	0.2836
7	L-arab-se	10.892	705.39	89.67	0.07	0.07	0.0002	0.0002
8	Ac-acid	15.614	12513.28	623.80	1.26	1.26	0.0000	0.0000
9		22.382	282.17	-62.26	0.03	0.03	0.0000	0.0000
10	Isopropanol	22.622	1180.62	137.31	0.12	0.12	0.0008	0.0008
11		23.253	748.69	76.18	0.08	0.08	0.0000	0.0000
12		24.426	339.15	82.37	0.03	0.03	0.0000	0.0000
13		24.875	1788.44	159.94	0.18	0.18	0.0001	0.0001

28.02.2024 17:07:19 Result:

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [uV]	Area [%]	Norm. Area [%]	Raw amount g/L	Adjusted amount g/L
14		25.741	331.64	62.53	0.03	0.03	0.0000	0.0000
15		26.053	929.33	89.61	0.09	0.09	0.0000	0.0000
16		26.568	198.40	45.45	0.02	0.02	0.0000	0.0000
17		27.005	1640.64	118.85	0.17	0.17	0.0001	0.0001
18		28.335	4049.92	221.14	0.41	0.41	0.0002	0.0002
19		28.636	2774.81	206.02	0.28	0.28	0.0001	0.0001
20		29.640	1135.23	122.90	0.11	0.11	0.0001	0.0001
21		30.291	1915.90	183.85	0.19	0.19	0.0001	0.0001
22		30.809	301.12	34.44	0.03	0.03	0.0000	0.0000
23		31.732	764.10	94.26	0.08	0.08	0.0000	0.0000
24	Isobutanol	32.073	1096.37	139.19	0.11	0.11	0.0000	0.0000
25		32.746	866.29	92.65	0.09	0.09	0.0000	0.0000
26		33.364	2222.39	106.95	0.22	0.22	0.0001	0.0001
27	Butanol	34.402	751.36	89.06	0.08	0.08	0.0018	0.0018
28		35.353	4240.47	50.03	0.43	0.43	0.0002	0.0002
29		37.802	1541.88	142.10	0.16	0.16	0.0001	0.0001
30		38.627	3607.72	239.21	0.36	0.36	0.0002	0.0002
31		38.893	3358.99	230.82	0.34	0.34	0.0002	0.0002
32		39.581	1905.02	123.16	0.19	0.19	0.0001	0.0001
33		40.193	1643.72	103.85	0.17	0.17	0.0001	0.0001
34		42.461	1523.23	50.54	0.15	0.15	0.0001	0.0001
35		43.522	807.99	98.40	0.08	0.08	0.0000	0.0000
36	Isoamyl	43.863	2661.54	169.26	0.27	0.27	0.0000	0.0000
37		44.439	1177.13	114.49	0.12	0.12	0.0001	0.0001
38		45.338	1494.11	78.41	0.15	0.15	0.0001	0.0001
39		46.135	771.88	94.20	0.08	0.08	0.0000	0.0000
40		48.099	2214.47	118.37	0.22	0.22	0.0001	0.0001
41		48.549	2979.84	130.45	0.30	0.30	0.0001	0.0001
42		49.334	1344.20	134.39	0.14	0.14	0.0001	0.0001
43		50.871	1746.28	159.08	0.18	0.18	0.0001	0.0001
44		51.274	1986.52	66.96	0.20	0.20	0.0001	0.0001
45		52.113	805.29	90.86	0.08	0.08	0.0000	0.0000
46		52.491	1113.60	115.30	0.11	0.11	0.0001	0.0001
47		52.820	909.05	99.97	0.09	0.09	0.0000	0.0000
48		53.329	1789.51	167.98	0.18	0.18	0.0001	0.0001
49		53.481	936.18	136.44	0.09	0.09	0.0000	0.0000
50		54.396	1458.23	155.70	0.15	0.15	0.0001	0.0001
51		54.945	3828.47	288.15	0.39	0.39	0.0002	0.0002
52	Amyl	55.438	1266.18	120.45	0.13	0.13	-0.0004	-0.0004
53		56.546	1088.11	115.78	0.11	0.11	0.0001	0.0001
54		57.660	247.60	43.49	0.02	0.02	0.0000	0.0000
55		58.551	454.72	46.82	0.05	0.05	0.0000	0.0000
56		59.150	1109.63	118.27	0.11	0.11	0.0001	0.0001
57		60.345	391.57	87.49	0.04	0.04	0.0000	0.0000
58		60.675	1742.96	177.19	0.18	0.18	0.0001	0.0001
59		60.830	1087.99	158.23	0.11	0.11	0.0001	0.0001
60		61.108	1590.11	126.80	0.16	0.16	0.0001	0.0001
61		61.471	1264.69	80.41	0.13	0.13	0.0001	0.0001
62		62.102	1002.55	91.59	0.10	0.10	0.0001	0.0001
63		62.573	381.44	39.96	0.04	0.04	0.0000	0.0000
64		64.108	2151.18	197.16	0.22	0.22	0.0001	0.0001
65		64.508	6633.19	271.13	0.67	0.67	0.0003	0.0003
66		64.865	6131.88	409.82	0.62	0.62	0.0003	0.0003
67		65.180	5191.95	311.89	0.52	0.52	0.0003	0.0003
68		65.556	2002.93	168.09	0.20	0.20	0.0001	0.0001
69		65.740	237.46	54.69	0.02	0.02	0.0000	0.0000
70		66.056	1436.51	102.66	0.14	0.14	0.0001	0.0001
71		66.694	898.78	106.82	0.09	0.09	0.0000	0.0000

28.02.2024 17:07:19 Result:

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [uV]	Area [%]	Norm. Area [%]	Raw amount g/L	Adjusted amount g/L
72		67.540	94.95	27.61	0.01	0.01	0.0000	0.0000
73		68.503	952.48	34.62	0.10	0.10	0.0000	0.0000
74		69.328	187.16	44.29	0.02	0.02	0.0000	0.0000
75		69.966	414.64	47.74	0.04	0.04	0.0000	0.0000
76		71.133	1112.37	117.24	0.11	0.11	0.0001	0.0001
77		72.036	10465.06	191.74	1.05	1.05	0.0005	0.0005
78		72.697	3983.32	247.89	0.40	0.40	0.0002	0.0002
79		72.995	206.41	36.81	0.02	0.02	0.0000	0.0000
80		73.325	191.27	36.80	0.02	0.02	0.0000	0.0000
81		74.489	486.77	67.67	0.05	0.05	0.0000	0.0000
82		74.684	1410.63	141.40	0.14	0.14	0.0001	0.0001
83		75.054	173.85	47.75	0.02	0.02	0.0000	0.0000
84		75.363	2029.22	165.93	0.20	0.20	0.0001	0.0001
85		75.530	908.42	111.17	0.09	0.09	0.0000	0.0000
86		76.828	425.04	83.78	0.04	0.04	0.0000	0.0000
87		79.441	1460.66	89.63	0.15	0.15	0.0001	0.0001
88		79.769	1498.09	115.15	0.15	0.15	0.0001	0.0001
89		80.743	1643.06	55.35	0.17	0.17	0.0001	0.0001
90		81.471	815.66	61.64	0.08	0.08	0.0000	0.0000
91		81.809	1165.06	75.21	0.12	0.12	0.0001	0.0001
92		82.709	1160.74	132.31	0.12	0.12	0.0001	0.0001
93		83.191	3186.70	173.40	0.32	0.32	0.0002	0.0002
94		83.686	1681.98	106.27	0.17	0.17	0.0001	0.0001
95		83.866	131.96	24.24	0.01	0.01	0.0000	0.0000
96		84.649	911.89	106.91	0.09	0.09	0.0000	0.0000
97		85.879	222.03	63.88	0.02	0.02	0.0000	0.0000
98		86.032	343.62	51.27	0.03	0.03	0.0000	0.0000
			992012.03	26331.58	100.00	100.00	0.7888	0.7888

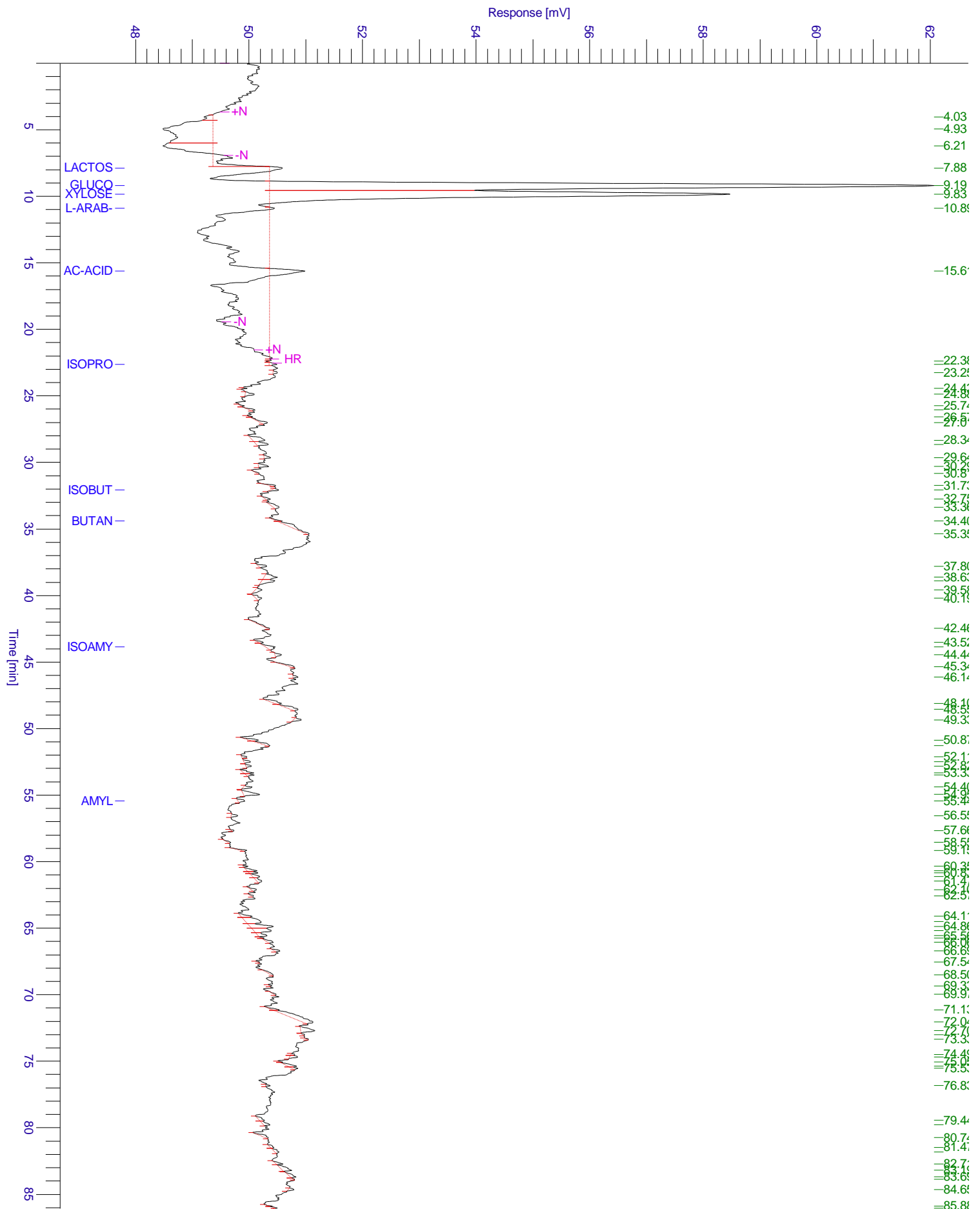
## Missing Component Report

Component Expected Retention (Calibration File)

Cellobiose	7.626
Cucose	7.733
Xylitol	11.668
Lac-acid	13.126
Glycerol	13.350
Acetone	18.522
Ethanol	20.121
Propanol	21.098

# Chromatogram

Sample Name :                      Sample #: 079                      Page 1 of 1  
FileName : C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri sugars&alcohols\_3\_18.12.09-20240228-151521.raw  
Date : 28.02.2024 17:07:24  
Method : aminex ri(sugars)03+lactose.mth                      Time of Injection: 28.02.2024 15:15:11  
Start Time : 0.00 min                      End Time : 86.07 min                      Low Point : 47.81 mV                      High Point : 62.07 mV  
Scale Factor: 1.0                      Plot Offset: 47.81 mV                      Plot Scale: 14.3 mV



Chromatogram

Sample Name :  
File Name : C:\PenExe\TcWS\Ver6.3.1\Templaminex ri sugars&alcohols\_3\_18.12.09-20240228-151521.raw  
Date : 28.02.2024 17:07:25  
Method : aminex ri(sugars)03+lactose.mth  
Start Time : 0.00 min  
Plot Offset: 47.77 mV

Sample #: 079  
Page 1 of 1  
Time of Injection: 28.02.2024 15:15:11  
Low Point : 47.77 mV  
High Point : 62.07 mV

End Time : 86.07 min  
Plot Scale: 14.3 mV

