

Software Version	: 6.3.1.0504	Date	: 29.02.2024 16:06:37
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	: 86.47 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	: 29.02.2024 14:38:12	Cycle	: 1

Raw Data File : C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri
sugars&alcohols_3_18.12.09-20240229-143822.raw

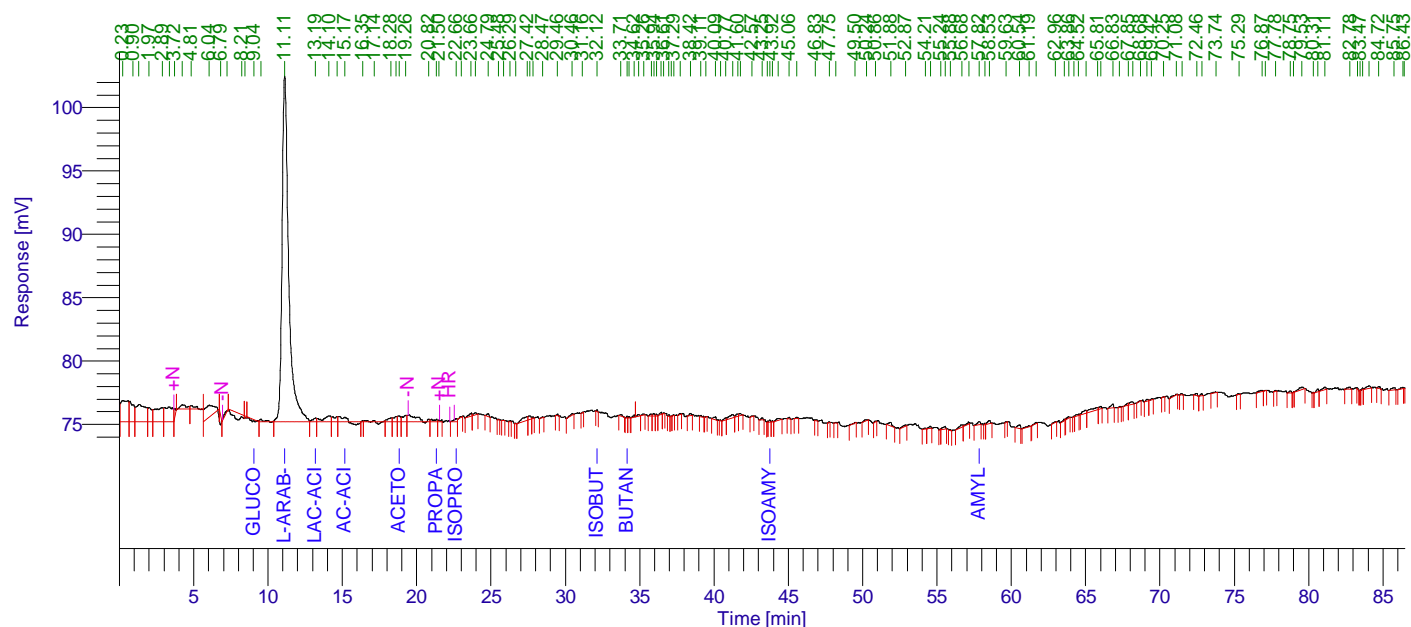
Inst Method : d:\hplc data\met\aminex ri(sugars)03+lactose from C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri
sugars&alcohols_3_18.12.09-20240229-143822.raw

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		0.228	59198.15	1654.58	3.56	3.56	0.0030	0.0030
2		0.901	33293.43	1373.23	2.00	2.00	0.0017	0.0017
3		1.315	62740.24	1357.65	3.77	3.77	0.0031	0.0031
4		1.967	21397.58	1131.16	1.29	1.29	0.0011	0.0011
5		2.889	43561.73	1134.00	2.62	2.62	0.0022	0.0022
6		3.378	46064.86	1165.61	2.77	2.77	0.0023	0.0023
7		3.722	8867.03	1044.10	0.53	0.53	0.0004	0.0004
8		4.232	64653.45	1344.52	3.88	3.88	0.0032	0.0032
9		4.805	62324.12	1287.39	3.74	3.74	0.0031	0.0031
10		6.045	71600.14	1308.06	4.30	4.30	0.0036	0.0036
11		6.790	1319.92	-252.13	0.08	0.08	0.0001	0.0001
12		7.232	14944.64	863.35	0.90	0.90	0.0007	0.0007
13		8.211	27179.66	409.60	1.63	1.63	0.0014	0.0014

29.02.2024 16:06:37 Result:

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [uV]	Area [%]	Norm. Area [%]	Raw amount g/L	Adjusted amount g/L
14		8.457	3172.26	321.98	0.19	0.19	0.0002	0.0002
15	Glucose	9.041	6068.46	99.08	0.36	0.36	0.0268	0.0268
16		9.535	4289.84	207.42	0.26	0.26	0.0002	0.0002
17	L-arab-se	11.111	841648.45	27298.34	50.57	50.57	0.0587	0.0587
18	Lac-acid	13.191	5427.90	291.58	0.33	0.33	0.0220	0.0220
19		14.104	17041.17	454.45	1.02	1.02	0.0009	0.0009
20		14.655	9551.40	409.21	0.57	0.57	0.0005	0.0005
21	Ac-acid	15.173	13216.00	342.90	0.79	0.79	0.0000	0.0000
22		16.347	536.12	78.33	0.03	0.03	0.0000	0.0000
23		17.138	3322.24	120.08	0.20	0.20	0.0002	0.0002
24		18.282	6427.00	293.45	0.39	0.39	0.0003	0.0003
25		18.617	7303.61	427.06	0.44	0.44	0.0004	0.0004
26	Acetone	18.804	6480.05	474.11	0.39	0.39	-7.7640	-7.7640
27		19.256	10867.80	531.99	0.65	0.65	0.0005	0.0005
28		20.819	24787.61	190.07	1.49	1.49	0.0012	0.0012
29	Propanol	21.331	4443.88	205.56	0.27	0.27	0.0000	0.0000
30		21.498	2002.36	169.40	0.12	0.12	0.0001	0.0001
31	Isopropanol	22.656	3819.47	263.24	0.23	0.23	0.0011	0.0011
32		22.993	829.40	55.23	0.05	0.05	0.0000	0.0000
33		23.656	3414.21	225.36	0.21	0.21	0.0002	0.0002
34		23.960	2163.17	137.77	0.13	0.13	0.0001	0.0001
35		24.791	2194.52	216.49	0.13	0.13	0.0001	0.0001
36		25.477	312.21	58.91	0.02	0.02	0.0000	0.0000
37		25.822	321.33	60.13	0.02	0.02	0.0000	0.0000
38		26.287	547.80	64.67	0.03	0.03	0.0000	0.0000
39		26.650	277.97	69.54	0.02	0.02	0.0000	0.0000
40		27.419	9608.84	323.83	0.58	0.58	0.0005	0.0005
41		27.599	3841.38	299.10	0.23	0.23	0.0002	0.0002
42		27.812	1023.85	156.45	0.06	0.06	0.0001	0.0001
43		28.474	759.48	77.41	0.05	0.05	0.0000	0.0000
44		29.461	784.75	114.08	0.05	0.05	0.0000	0.0000
45		30.460	1908.93	117.26	0.11	0.11	0.0001	0.0001
46		31.156	172.23	33.54	0.01	0.01	0.0000	0.0000
47	Isobutanol	32.124	717.46	134.51	0.04	0.04	0.0000	0.0000
48		33.710	1328.14	115.89	0.08	0.08	0.0001	0.0001
49	Butanol	34.127	514.77	111.74	0.03	0.03	0.0018	0.0018
50		34.288	527.66	100.15	0.03	0.03	0.0000	0.0000
51		34.623	1101.15	153.69	0.07	0.07	0.0001	0.0001
52		34.927	1469.74	127.52	0.09	0.09	0.0001	0.0001
53		35.263	1199.65	100.35	0.07	0.07	0.0001	0.0001
54		35.776	1404.83	139.11	0.08	0.08	0.0001	0.0001
55		35.942	1462.71	183.48	0.09	0.09	0.0001	0.0001
56		36.111	847.56	141.76	0.05	0.05	0.0000	0.0000
57		36.439	1774.90	169.28	0.11	0.11	0.0001	0.0001
58		36.613	397.90	62.91	0.02	0.02	0.0000	0.0000
59		36.945	519.22	124.91	0.03	0.03	0.0000	0.0000
60		37.125	155.59	43.65	0.01	0.01	0.0000	0.0000
61		37.287	280.84	53.89	0.02	0.02	0.0000	0.0000
62		37.725	504.61	58.19	0.03	0.03	0.0000	0.0000
63		38.424	1487.73	145.96	0.09	0.09	0.0001	0.0001
64		39.109	977.99	109.42	0.06	0.06	0.0000	0.0000
65		39.444	323.24	62.46	0.02	0.02	0.0000	0.0000
66		40.091	2504.29	224.19	0.15	0.15	0.0001	0.0001
67		40.431	436.54	91.97	0.03	0.03	0.0000	0.0000
68		40.768	1813.41	162.02	0.11	0.11	0.0001	0.0001
69		41.256	6413.78	266.86	0.39	0.39	0.0003	0.0003
70		41.597	2778.11	206.29	0.17	0.17	0.0001	0.0001
71		41.757	1854.81	194.56	0.11	0.11	0.0001	0.0001

29.02.2024 16:06:37 Result:

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [uV]	Area [%]	Norm. Area [%]	Raw amount g/L	Adjusted amount g/L
72		42.565	341.71	34.48	0.02	0.02	0.0000	0.0000
73		43.253	1453.76	171.51	0.09	0.09	0.0001	0.0001
74		43.599	258.49	58.29	0.02	0.02	0.0000	0.0000
75	Isoamyl	43.754	1250.61	182.63	0.08	0.08	0.0000	0.0000
76		43.919	617.42	114.26	0.04	0.04	0.0000	0.0000
77		44.328	3097.06	145.72	0.19	0.19	0.0002	0.0002
78		45.063	1015.19	119.60	0.06	0.06	0.0001	0.0001
79		45.574	748.46	84.15	0.04	0.04	0.0000	0.0000
80		46.831	690.88	66.96	0.04	0.04	0.0000	0.0000
81		47.745	454.22	93.66	0.03	0.03	0.0000	0.0000
82		48.174	392.91	51.95	0.02	0.02	0.0000	0.0000
83		49.496	1069.81	67.56	0.06	0.06	0.0001	0.0001
84		50.235	1355.11	76.76	0.08	0.08	0.0001	0.0001
85		50.860	508.25	55.98	0.03	0.03	0.0000	0.0000
86		51.876	4297.79	280.96	0.26	0.26	0.0002	0.0002
87		52.874	1613.77	68.62	0.10	0.10	0.0001	0.0001
88		54.211	730.87	83.83	0.04	0.04	0.0000	0.0000
89		54.545	1660.29	165.36	0.10	0.10	0.0001	0.0001
90		55.243	352.24	73.18	0.02	0.02	0.0000	0.0000
91		55.540	3184.17	221.55	0.19	0.19	0.0002	0.0002
92		55.876	491.98	98.94	0.03	0.03	0.0000	0.0000
93		56.676	3283.20	170.75	0.20	0.20	0.0002	0.0002
94		57.126	1966.89	136.13	0.12	0.12	0.0001	0.0001
95	Amyl	57.823	3595.08	246.48	0.22	0.22	-0.0002	-0.0002
96		58.216	419.86	85.65	0.03	0.03	0.0000	0.0000
97		58.525	3081.55	239.68	0.19	0.19	0.0002	0.0002
98		59.633	531.67	77.83	0.03	0.03	0.0000	0.0000
99		60.541	3622.98	263.85	0.22	0.22	0.0002	0.0002
100		61.188	1353.98	62.97	0.08	0.08	0.0001	0.0001
101		61.655	1021.33	67.68	0.06	0.06	0.0001	0.0001
102		62.956	1070.41	78.26	0.06	0.06	0.0001	0.0001
103		63.543	1233.97	130.39	0.07	0.07	0.0001	0.0001
104		63.857	1556.13	127.15	0.09	0.09	0.0001	0.0001
105		64.206	236.03	57.21	0.01	0.01	0.0000	0.0000
106		64.522	1748.19	89.54	0.11	0.11	0.0001	0.0001
107		65.000	4946.55	241.03	0.30	0.30	0.0002	0.0002
108		65.810	7939.35	141.78	0.48	0.48	0.0004	0.0004
109		66.007	1794.09	160.46	0.11	0.11	0.0001	0.0001
110		66.826	4124.73	317.94	0.25	0.25	0.0002	0.0002
111		67.269	368.24	50.20	0.02	0.02	0.0000	0.0000
112		67.846	2037.21	172.19	0.12	0.12	0.0001	0.0001
113		68.167	3161.27	165.73	0.19	0.19	0.0002	0.0002
114		68.683	626.80	34.07	0.04	0.04	0.0000	0.0000
115		69.107	1168.86	121.03	0.07	0.07	0.0001	0.0001
116		69.424	475.98	59.90	0.03	0.03	0.0000	0.0000
117		70.251	191.03	35.95	0.01	0.01	0.0000	0.0000
118		71.081	1782.89	72.47	0.11	0.11	0.0001	0.0001
119		71.472	882.27	96.42	0.05	0.05	0.0000	0.0000
120		72.459	1543.16	152.40	0.09	0.09	0.0001	0.0001
121		72.804	1733.48	168.05	0.10	0.10	0.0001	0.0001
122		73.743	741.54	47.60	0.04	0.04	0.0000	0.0000
123		75.293	897.71	91.24	0.05	0.05	0.0000	0.0000
124		76.872	2384.24	103.32	0.14	0.14	0.0001	0.0001
125		77.067	592.41	69.80	0.04	0.04	0.0000	0.0000
126		77.783	547.89	58.85	0.03	0.03	0.0000	0.0000
127		78.748	1930.12	164.17	0.12	0.12	0.0001	0.0001
128		78.986	201.34	46.23	0.01	0.01	0.0000	0.0000
129		79.534	5412.82	214.68	0.33	0.33	0.0003	0.0003

29.02.2024 16:06:37 Result:

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [uV]	Area [%]	Norm. Area [%]	Raw amount g/L	Adjusted amount g/L
130		80.306	320.91	77.15	0.02	0.02	0.0000	0.0000
131		80.624	2277.05	216.62	0.14	0.14	0.0001	0.0001
132		81.107	3396.42	171.32	0.20	0.20	0.0002	0.0002
133		82.784	2565.62	164.45	0.15	0.15	0.0001	0.0001
134		83.276	536.20	115.63	0.03	0.03	0.0000	0.0000
135		83.466	183.89	50.71	0.01	0.01	0.0000	0.0000
136		83.628	788.87	138.59	0.05	0.05	0.0000	0.0000
137		84.050	3911.12	185.36	0.23	0.23	0.0002	0.0002
138		84.721	1621.31	142.33	0.10	0.10	0.0001	0.0001
139		85.753	3048.00	183.70	0.18	0.18	0.0002	0.0002
140		86.324	1268.63	104.93	0.08	0.08	0.0001	0.0001
141		86.433	121.36	37.17	0.01	0.01	0.0000	0.0000
			1664336.86	59816.90	100.00	100.00	-7.6149	-7.6149

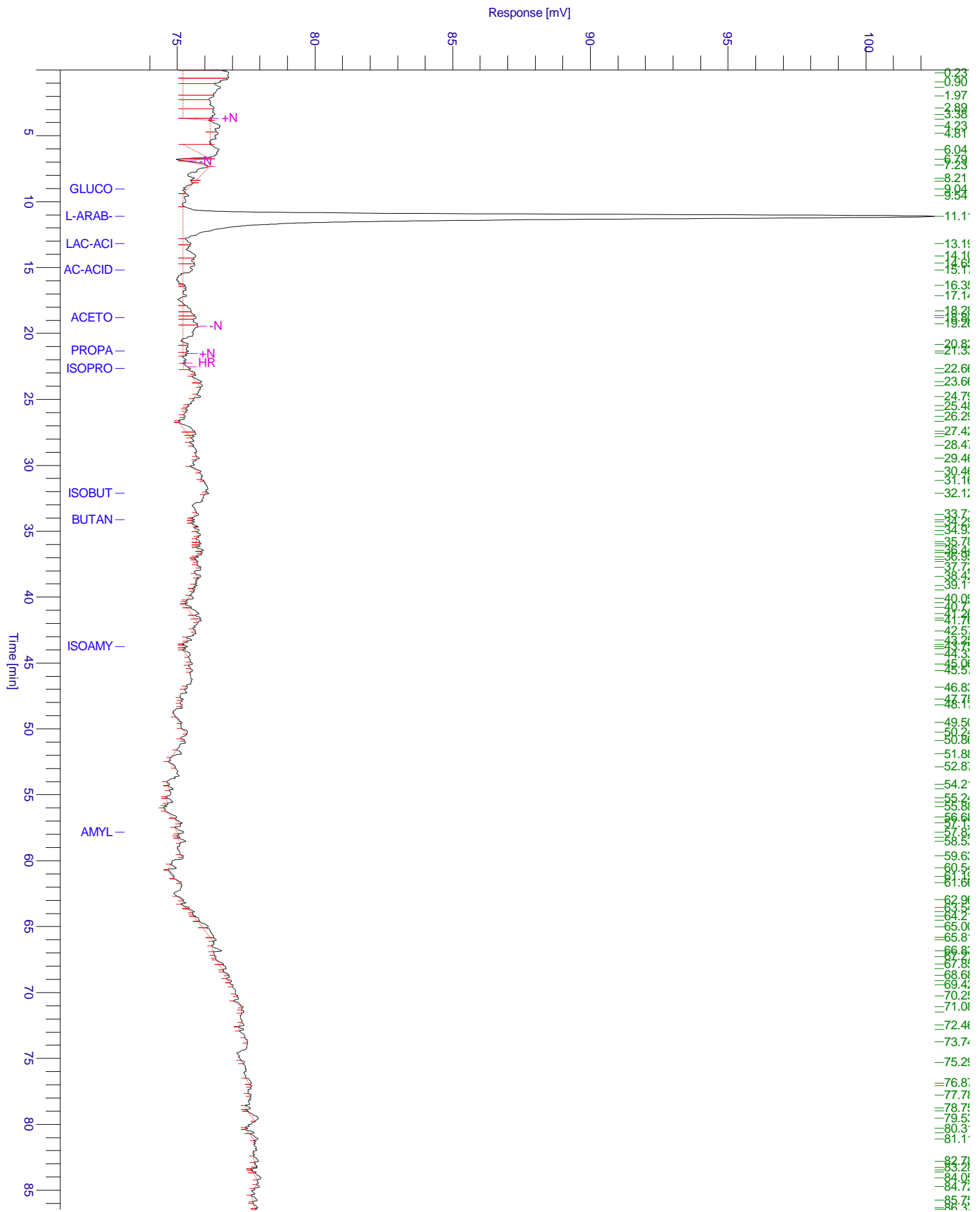
Missing Component Report

Component Expected Retention (Calibration File)

Cellobiose	7.626
Cucose	7.733
Lactose	7.920
Xylose	9.811
Xylitol	11.668
Glycerol	13.350
Ethanol	20.121

Chromatogram

Sample Name : Sample #: 079 Page 1 of 1
File Name : C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri sugars&alcohols_3_18.12.09-20240229-143822.raw
Date : 29.02.2024 16:06:42
Method : aminex ri(sugars)03+lactose.mth Time of Injection: 29.02.2024 14:38:12
Start Time : 0.00 min End Time : 86.47 min Low Point : 73.09 mV High Point : 102.49 mV
Scale Factor: 1.0 Plot Offset: 73.09 mV Plot Scale: 29.4 mV



Chromatogram

Sample Name : Sample #: 079 Page 1 of 1
FileName : C:\PenExe\TcWS\Ver6.3.1\Templaminex ri sugars&alcohols_3_18.12.09-20240229-143822.raw
Date : 29.02.2024 16:06:43
Method : aminex ri(sugars)03+lactose.mth Time of Injection: 29.02.2024 14:38:12
Start Time : 0.00 min End Time : 86.47 min Low Point : 73.02 mV High Point : 102.49 mV
Plot Offset: 73.02 mV Plot Scale: 29.5 mV

