

Software Version	: 6.3.1.0504	Date	: 29.02.2024 14:36:40
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	: 39.48 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 13:55:51	Cycle	: 1

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

sugars&alcohols_3_18.12.09-20240229-135601.raw

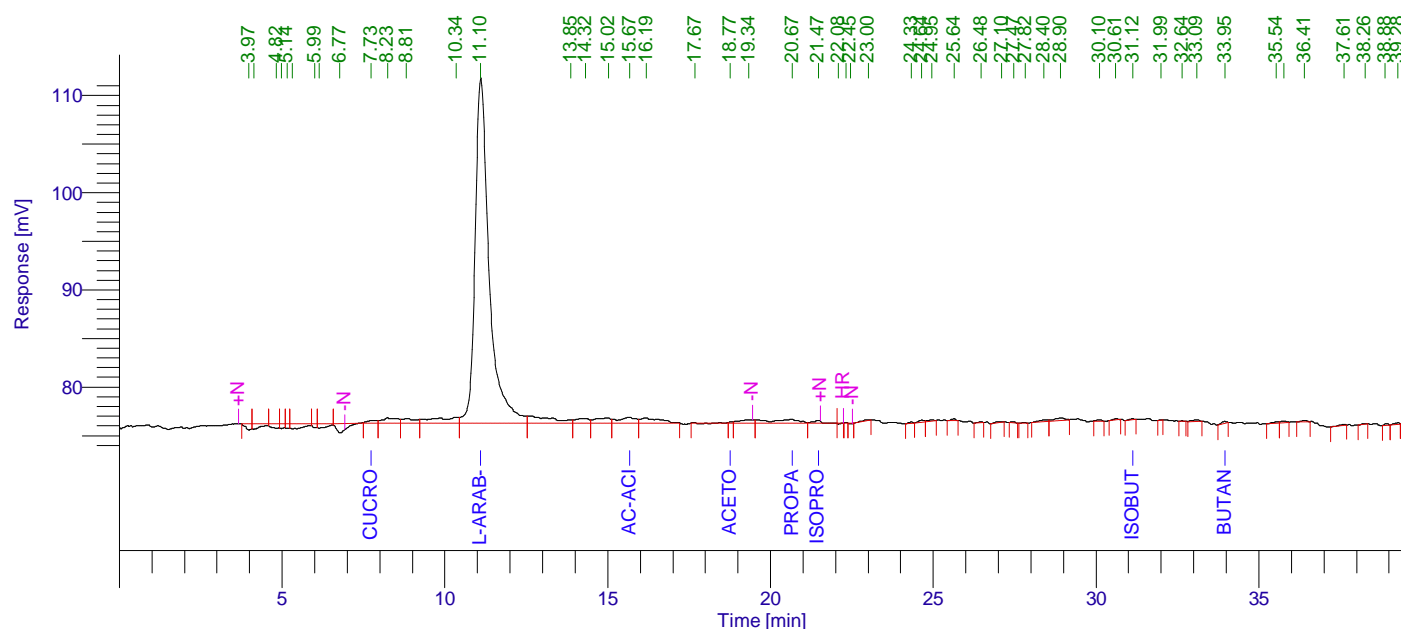
Inst Method : d:\hplc data\met\aminex ri(sugars)03+lactose from C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri
sugars&alcohols_3_18.12.09-20240229-135601.raw

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		3.973	9452.16	-697.88	0.66	0.66	0.0005	0.0005
2		4.125	12552.77	-631.09	0.87	0.87	0.0006	0.0006
3		4.815	9190.62	-523.90	0.64	0.64	0.0005	0.0005
4		4.968	5191.51	-564.81	0.36	0.36	0.0003	0.0003
5		5.143	4639.72	-537.33	0.32	0.32	0.0002	0.0002
6		5.314	17952.41	-592.24	1.25	1.25	0.0009	0.0009
7		5.992	4181.12	-473.27	0.29	0.29	0.0002	0.0002
8		6.132	11461.85	-505.00	0.80	0.80	0.0006	0.0006
9		6.772	22204.07	-1011.60	1.55	1.55	0.0011	0.0011
10	Cucose	7.730	5663.01	244.67	0.39	0.39	4.1102	4.1102
11		8.231	17194.10	564.33	1.20	1.20	0.0009	0.0009
12		8.809	14000.97	476.07	0.98	0.98	0.0007	0.0007
13		10.340	33800.41	610.60	2.35	2.35	0.0017	0.0017

29.02.2024 14:36:40 Result:

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [uV]	Area [%]	Norm. Area [%]	Raw amount g/L	Adjusted amount g/L
14	L-arab-se	11.098	1068231.33	35520.71	74.39	74.39	0.0745	0.0745
15		13.855	38358.94	347.26	2.67	2.67	0.0019	0.0019
16		14.316	13577.72	464.01	0.95	0.95	0.0007	0.0007
17		15.020	17902.22	545.08	1.25	1.25	0.0009	0.0009
18	Ac-acid	15.673	21682.58	625.94	1.51	1.51	0.0000	0.0000
19		16.187	23330.96	540.96	1.62	1.62	0.0012	0.0012
20		17.672	1531.86	106.83	0.11	0.11	0.0001	0.0001
21	Acetone	18.770	1269.65	153.03	0.09	0.09	-6.8237	-6.8237
22		19.336	11070.93	351.02	0.77	0.77	0.0006	0.0006
23	Propanol	20.670	23949.83	382.16	1.67	1.67	0.0000	0.0000
24	Isopropanol	21.466	4333.73	269.71	0.30	0.30	0.0012	0.0012
25		22.083	588.78	-100.14	0.04	0.04	0.0000	0.0000
26		22.325	471.97	84.95	0.03	0.03	0.0000	0.0000
27		22.449	486.44	-66.36	0.03	0.03	0.0000	0.0000
28		22.997	2274.57	97.72	0.16	0.16	0.0001	0.0001
29		24.328	1024.01	127.10	0.07	0.07	0.0001	0.0001
30		24.641	2088.94	184.36	0.15	0.15	0.0001	0.0001
31		24.946	1573.23	116.11	0.11	0.11	0.0001	0.0001
32		25.638	1744.93	181.60	0.12	0.12	0.0001	0.0001
33		26.478	861.08	70.32	0.06	0.06	0.0000	0.0000
34		27.097	1262.61	51.76	0.09	0.09	0.0001	0.0001
35		27.472	1003.09	129.22	0.07	0.07	0.0001	0.0001
36		27.819	833.39	102.27	0.06	0.06	0.0000	0.0000
37		28.395	3854.78	212.85	0.27	0.27	0.0002	0.0002
38		28.904	5470.81	243.61	0.38	0.38	0.0003	0.0003
39		30.100	1644.73	148.11	0.11	0.11	0.0001	0.0001
40		30.608	1333.00	118.56	0.09	0.09	0.0001	0.0001
41	Isobutanol	31.121	1036.58	82.19	0.07	0.07	0.0000	0.0000
42		31.989	189.69	37.15	0.01	0.01	0.0000	0.0000
43		32.642	357.15	68.73	0.02	0.02	0.0000	0.0000
44		33.087	2277.73	149.91	0.16	0.16	0.0001	0.0001
45	Butanol	33.955	1726.57	165.08	0.12	0.12	0.0019	0.0019
46		35.538	1670.45	126.65	0.12	0.12	0.0001	0.0001
47		35.760	1993.04	167.37	0.14	0.14	0.0001	0.0001
48		36.405	1820.15	138.00	0.13	0.13	0.0001	0.0001
49		37.615	1187.95	78.81	0.08	0.08	0.0001	0.0001
50		38.256	795.36	72.60	0.06	0.06	0.0000	0.0000
51		38.880	1244.01	151.47	0.09	0.09	0.0001	0.0001
52		39.275	1881.11	163.75	0.13	0.13	0.0001	0.0001
53		39.440	481.08	88.44	0.03	0.03	0.0000	0.0000
			1435901.69	38857.45	100.00	100.00	-2.6205	-2.6205

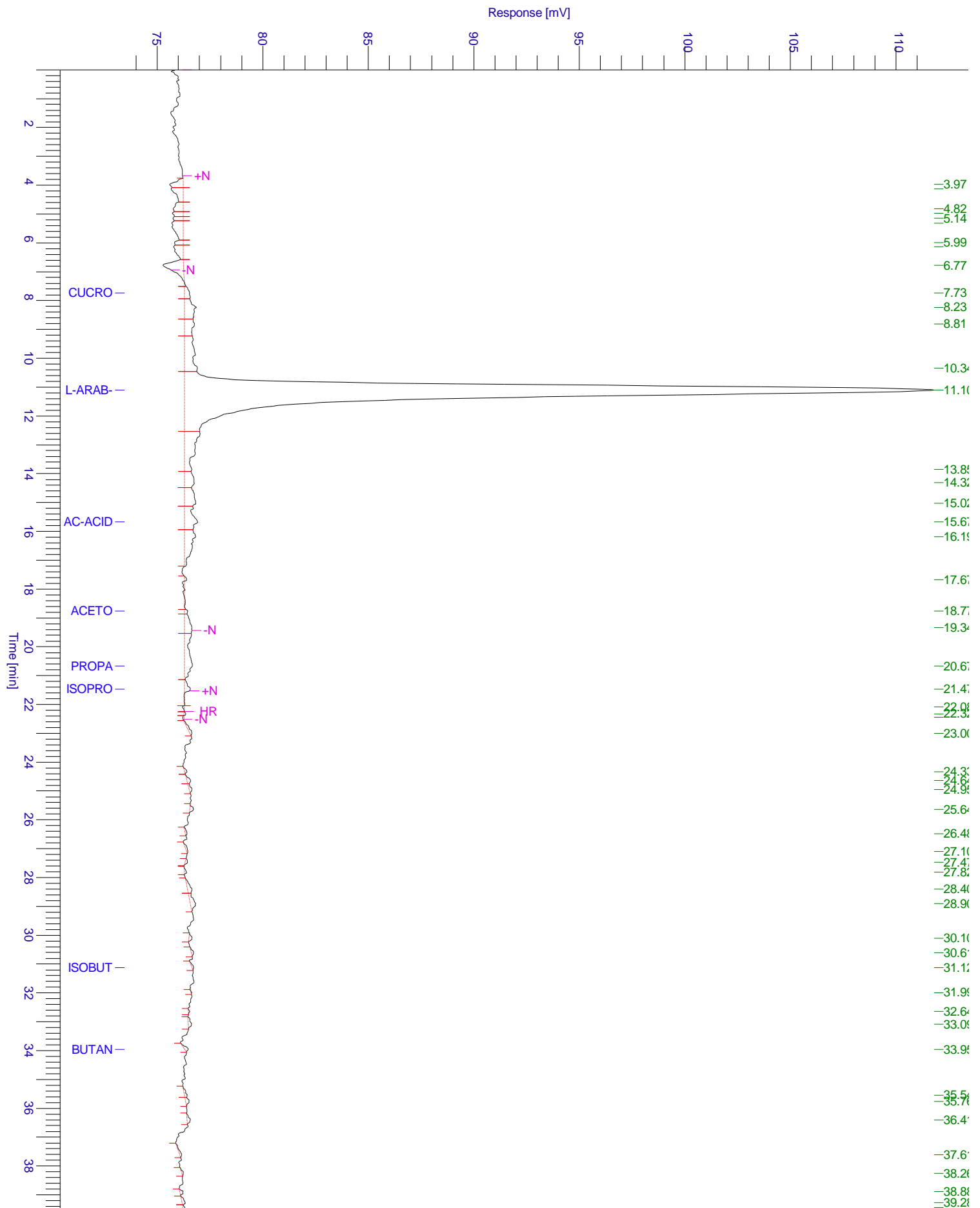
Missing Component Report

Component Expected Retention (Calibration File)

Cellobiose	7.626
Lactose	7.920
Glucose	9.172
Xylose	9.811
Xylitol	11.668
Lac-acid	13.126
Glycerol	13.350
Ethanol	20.121
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_18.12.09-20240229-135601.raw
Date : 29.02.2024 14:36:45
Method : aminex ri(sugars)03+lactose.mth Time of Injection: 29.02.2024 13:55:51
Start Time : 0.00 min End Time : 39.48 min Low Point : 73.45 mV High Point : 111.80 mV
Scale Factor: 1.0 Plot Offset: 73.45 mV Plot Scale: 38.4 mV



Chromatogram

Sample Name :
File Name : C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri sugars&alcohols_3_18.12.09-20240229-135601.raw
Date : 29.02.2024 14:36:46
Method : aminex ri(sugars)03+lactose.mth
Start Time : 0.00 min
Plot Offset: 73.35 mV

Sample #: 079
Page 1 of 1
Time of Injection: 29.02.2024 13:55:51
Low Point : 73.35 mV
High Point : 111.80 mV

End Time : 39.48 min
Plot Scale: 38.5 mV

