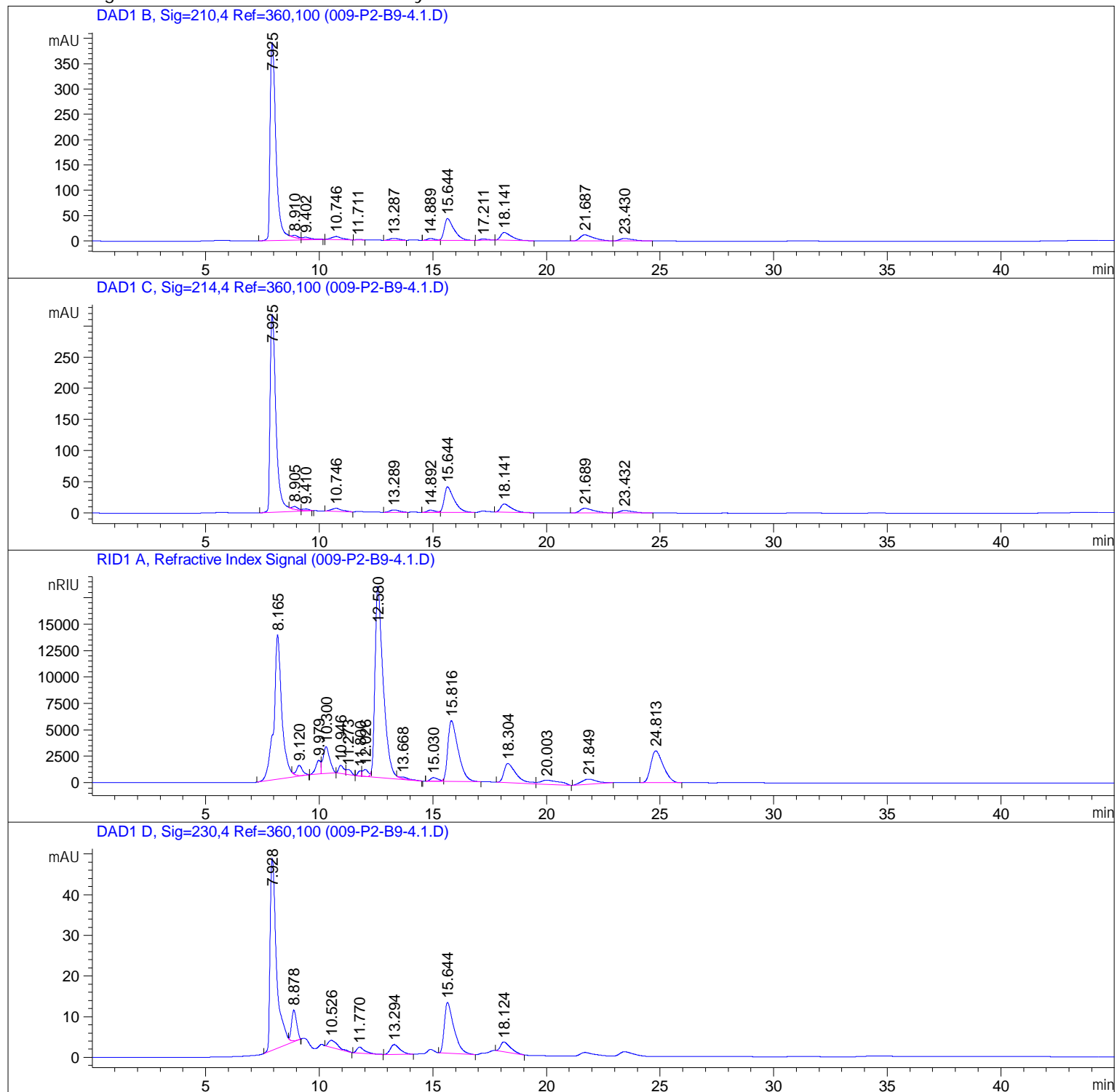


Sample Name: 4.1

=====

Acq. Operator	: SYSTEM	Seq. Line	: 9
Acq. Instrument	: HPLC-OXTLAB	Location	: P2-B-09
Injection Date	: 11/10/2023 00:50:02	Inj	: 1
		Inj Volume	: 20.000 µl
Sequence File	: C:\Chem32\1\Data\New 2023-11-09 18-39-57\New.S		
Method	: C:\Chem32\1\Data\New 2023-11-09 18-39-57\LACTIC_TEMP.M (Sequence Method)		
Last changed	: 8/28/2023 13:32:52 by SYSTEM		



Sample Name: 4.1

```
=====
                        External Standard Report
=====
```

Sorted By : Signal
 Calib. Data Modified : 7/1/2021 14:39:58
 Multiplier : 1.0000
 Dilution : 1.0000
 Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 B, Sig=210, 4 Ref=360, 100

RetTime [min]	Type	Area [mAU*s]	Amt/Area	Amount [g/L]	Grp	Name
15.644	VB R	1300.94348	6.56707e-4	8.54339e-1		Lactic acid
18.141	BB	497.27286	9.16943e-4	4.55971e-1		Acetic acid
21.687	BB	503.77829	0.00000	0.00000		Propionic

Totals : 1.31031

Signal 2: DAD1 C, Sig=214, 4 Ref=360, 100

Signal 3: RID1 A, Refractive Index Signal

RetTime [min]	Type	Area [nRIU*s]	Amt/Area	Amount [g/L]	Grp	Name
9.979	BV	1.92569e4	0.00000	0.00000		Succrose
11.273	VB	7373.46387	1.81510e-6	1.33836e-2		Glucose
12.026	VV E	1.08616e4	0.00000	0.00000		Fructose
24.813	BB	1.14923e5	8.15332e-6	9.37003e-1		Ethanol

Totals : 9.50386e-1

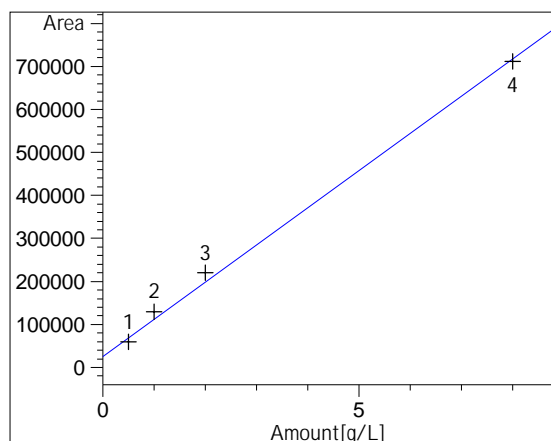
Signal 4: DAD1 D, Sig=230, 4 Ref=360, 100

4 Warnings or Errors :

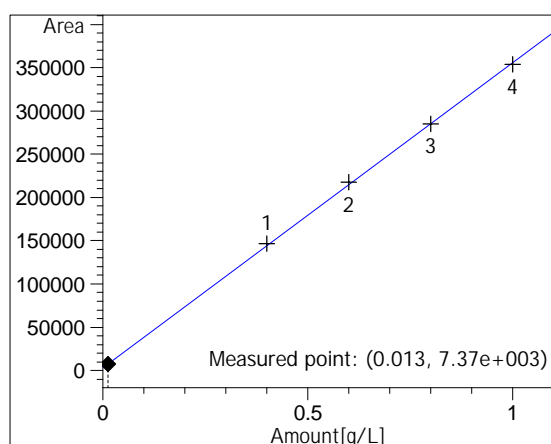
Warning : Calibration warnings (see calibration table listing)
 Warning : Negative results set to zero (cal. curve intercept), (Succrose)
 Warning : Negative results set to zero (cal. curve intercept), (Fructose)
 Warning : Negative results set to zero (cal. curve intercept), (Propionic)

Sample Name: 4.1

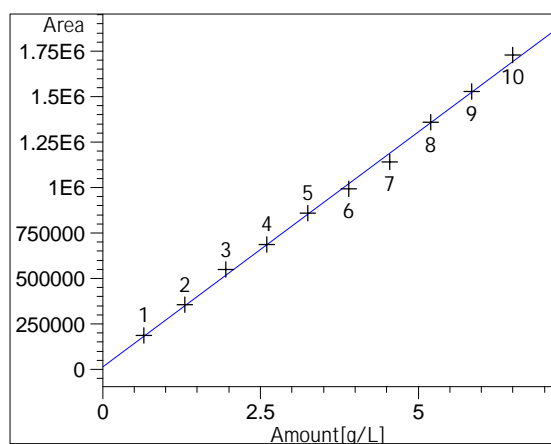
Calibration Curves



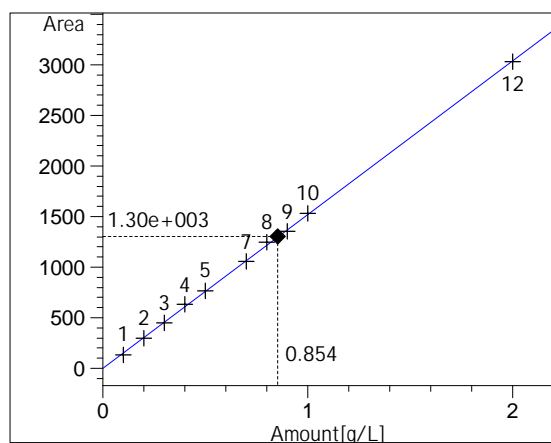
Succrose at exp. RT: 9.863
 RID1 A, Refractive Index Signal
 Correlation: 0.99759
 Residual Std. Dev.: 22755.41185
 Formula: $y = mx + b$
 m: 86671.29673
 b: 24839.01752
 x: Amount[g/L]
 y: Area



Glucose at exp. RT: 11.408
 RID1 A, Refractive Index Signal
 Correlation: 0.99981
 Residual Std. Dev.: 3023.36360
 Formula: $y = mx + b$
 m: 353737.16216
 b: 2639.18919
 x: Amount[g/L]
 y: Area

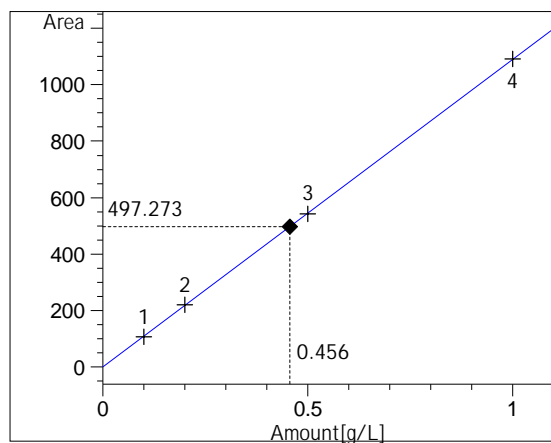


Fructose at exp. RT: 12.100
 RID1 A, Refractive Index Signal
 Correlation: 0.99909
 Residual Std. Dev.: 25081.95145
 Formula: $y = mx + b$
 m: 258721.41259
 b: 12786.68182
 x: Amount[g/L]
 y: Area

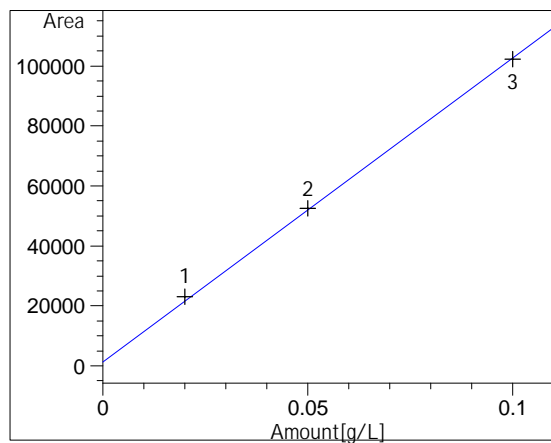


Lactic acid at exp. RT: 15.467
 DAD1 B, Sig=210, 4 Ref=360, 100
 Correlation: 0.99983
 Residual Std. Dev.: 16.65547
 Formula: $y = mx + b$
 m: 1521.64235
 b: 9.45650e-1
 x: Amount[g/L]
 y: Area

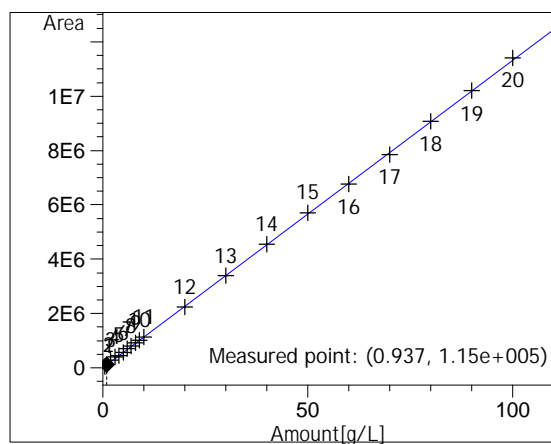
Sample Name: 4.1



Acetic acid at exp. RT: 18.226
 DAD1 B, Sig=210, 4 Ref=360, 100
 Correlation: 0.99999
 Residual Std. Dev.: 2.57101
 Formula: $y = mx + b$
 m: 1092.07931
 b: -6.83711e-1
 x: Amount[g/L]
 y: Area



Propionic at exp. RT: 21.787
 DAD1 B, Sig=210, 4 Ref=360, 100
 Correlation: 0.99961
 Residual Std. Dev.: 1507.31144
 Formula: $y = mx + b$
 m: 1.01431e6
 b: 1395.13216
 x: Amount[g/L]
 y: Area



Ethanol at exp. RT: 24.978
 RID1 A, Refractive Index Signal
 Correlation: 0.99996
 Residual Std. Dev.: 35437.06772
 Formula: $y = mx + b$
 m: 113284.07454
 b: 8775.42396
 x: Amount[g/L]
 y: Area

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 *** End of Report ***