

Sample Name: dimos 23\_10 1.70

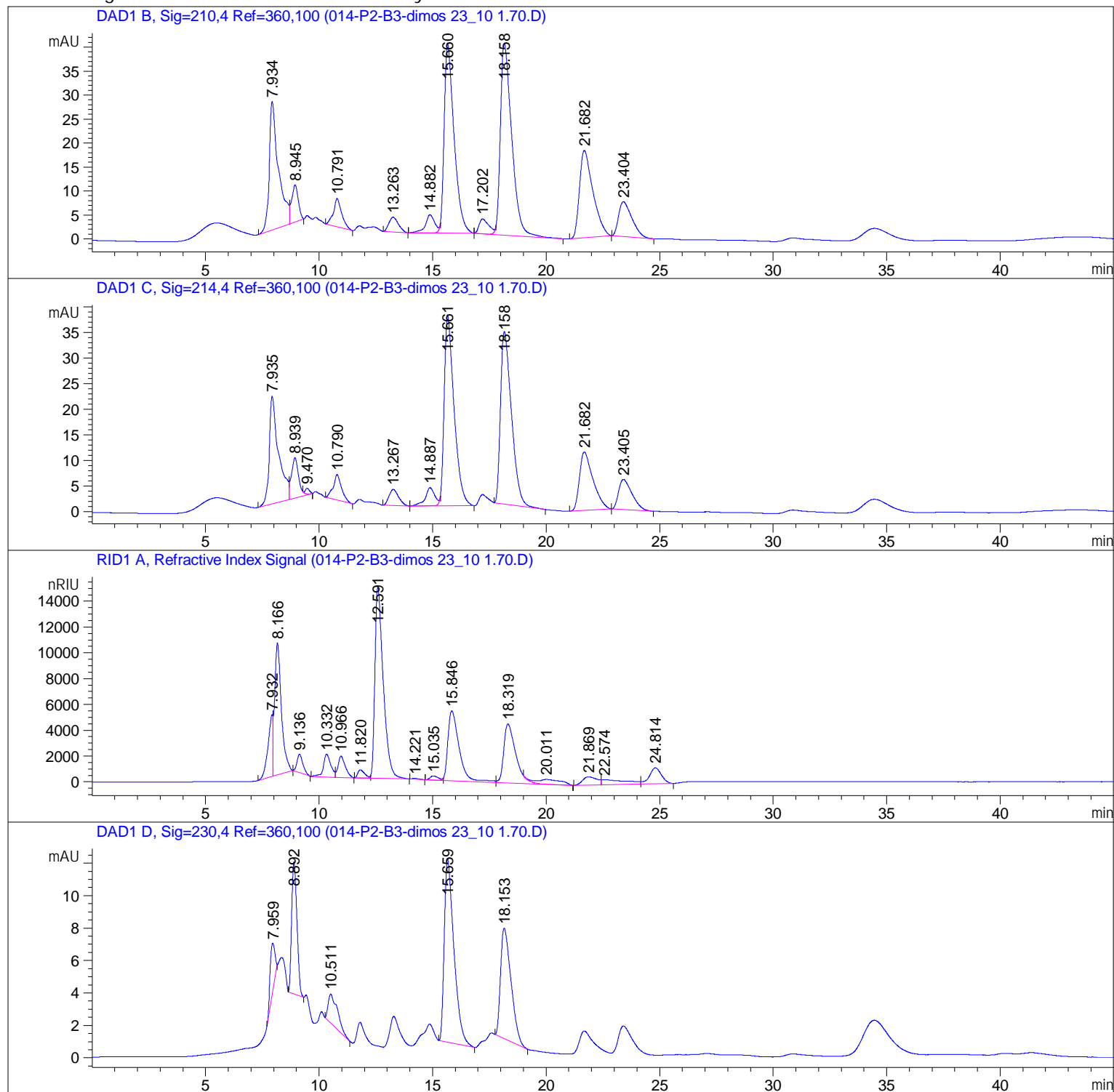
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Acq. Operator : SYSTEM Seq. Line : 14  
Acq. Instrument : HPLC-OXTLAB Location : P2-B-03  
Injection Date : 10/23/2023 23:23:25 Inj : 1  
Inj Volume : 20.000 µl

Sequence File : C:\Chem32\1\Data\Dimos-Ntina-Xari s-23.10.23 2023-10-23 13-22-49\Dimos-Ntina-Xari s-23.10.23.S

Method : C:\Chem32\1\Data\Dimos-Ntina-Xari s-23.10.23 2023-10-23 13-22-49\LACTIC\_TEMP.M (Sequence Method)

Last changed : 8/28/2023 13:32:52 by SYSTEM



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
15.660	VB R	1201.35999	6.56667e-4	7.88894e-1		Lactic acid
18.158	VB R	1390.53125	9.16135e-4	1.27391		Acetic acid
21.682	BB	752.79211	0.00000	0.00000		Propionic

Totals : 2.06281

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
9.863		-	-	-		Succrose
11.408		-	-	-		Glucose
11.820	BV E	1.30651e4	8.23679e-8	1.07614e-3		Fructose
24.814	VB	4.53549e4	7.11942e-6	3.22900e-1		Ethanol

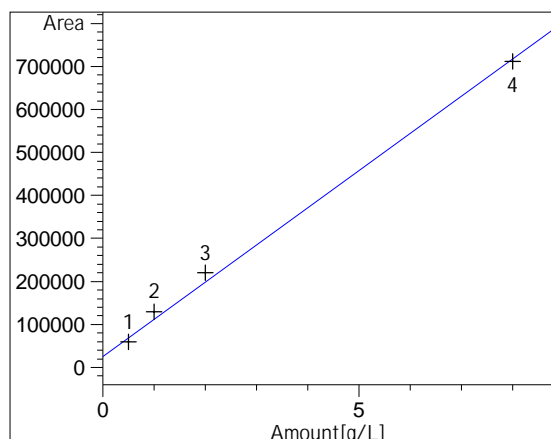
Totals : 3.23977e-1

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

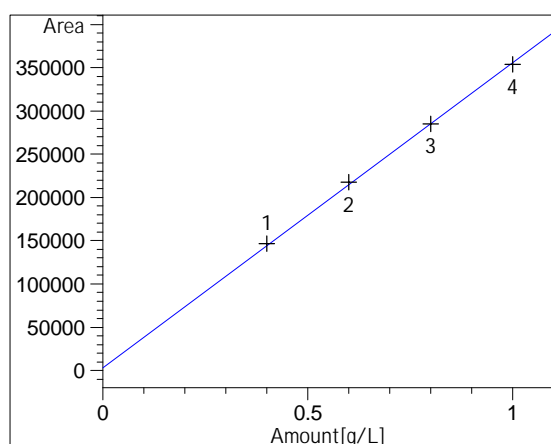
3 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)  
Warning : Calibrated compound(s) not found  
Warning : Negative results set to zero (cal. curve intercept), (Propionic)

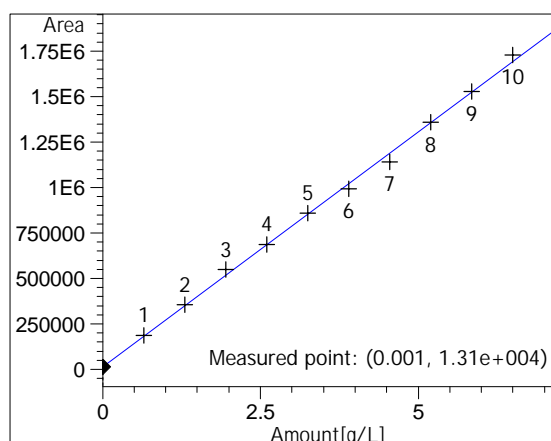
# Calibration Curves



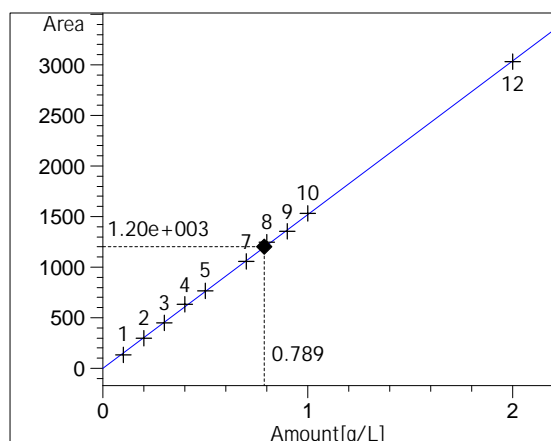
Succrose at exp. RT: 9.863  
RID1 A, Refractive Index Signal  
Correlation: 0.99759  
Residual Std. Dev.: 22755.41185  
Formula:  $y = mx + b$   
m: 86671.29673  
b: 24839.01752  
x: Amount [g/L]  
y: Area



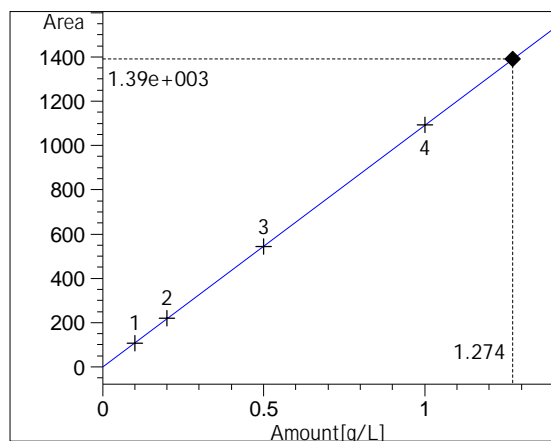
Glucose at exp. RT: 11.408  
RID1 A, Refractive Index Signal  
Correlation: 0.99981  
Residual Std. Dev.: 3023.36360  
Formula:  $y = mx + b$   
m: 353737.16216  
b: 2639.18919  
x: Amount [g/L]  
y: Area



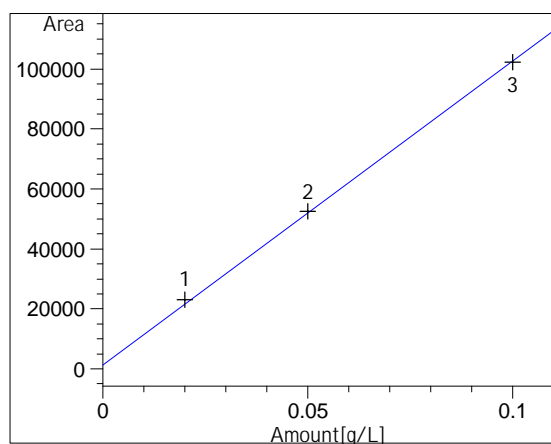
Fructose at exp. RT: 12.100  
RID1 A, Refractive Index Signal  
Correlation: 0.99909  
Residual Std. Dev.: 25081.95145  
Formula:  $y = mx + b$   
m: 258721.41259  
b: 12786.68182  
x: Amount [g/L]  
y: Area



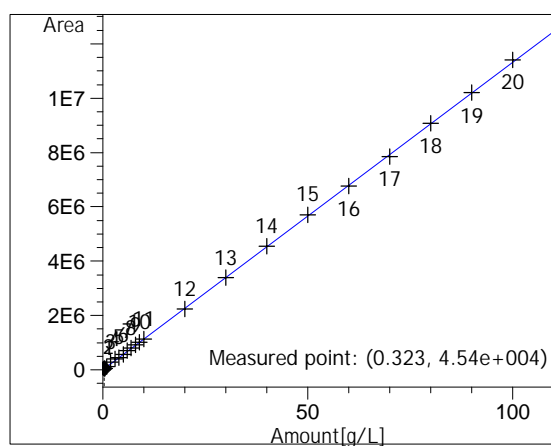
Lactic acid at exp. RT: 15.467  
DAD1 B, Sig=210,4 Ref=360,100  
Correlation: 0.99983  
Residual Std. Dev.: 16.65547  
Formula:  $y = mx + b$   
m: 1521.64235  
b: 9.45650e-1  
x: Amount [g/L]  
y: Area



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

\*\*\* End of Report \*\*\*