

Sample Name: dimos 23_10 2.28

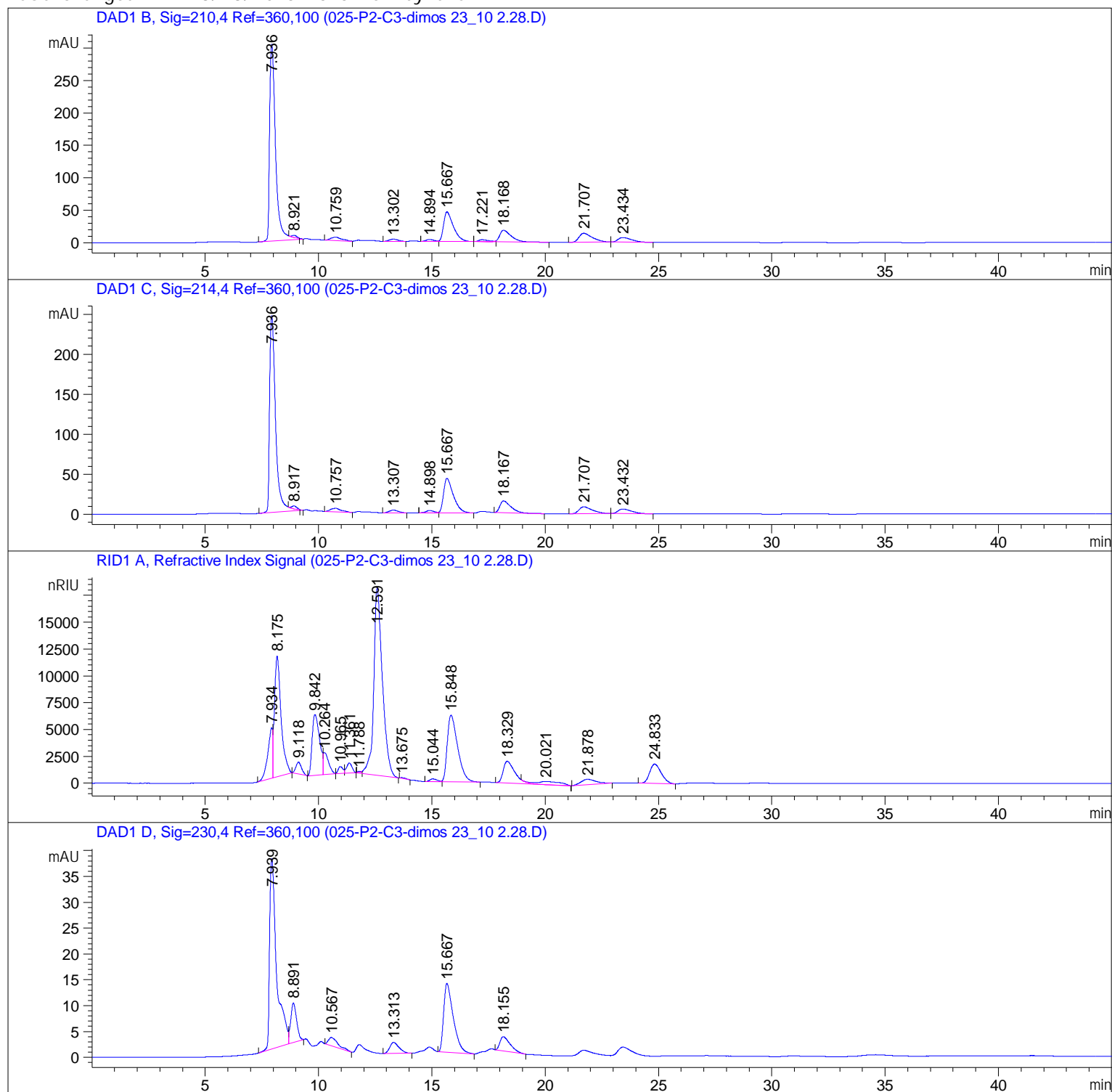
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Acq. Operator : SYSTEM Seq. Line : 25
Acq. Instrument : HPLC-OXTLAB Location : P2-C-03
Injection Date : 10/24/2023 07:50:46 Inj : 1
Inj Volume : 20.000 µl

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
15.667	VB R	1371.60706	6.56732e-4	9.00778e-1		Lactic acid
18.168	VB R	650.32080	9.16647e-4	5.96115e-1		Acetic acid
21.707	BB	571.07520	0.00000	0.00000		Propionic

Totals : 1.49689

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
9.842	BV	1.29945e5	9.33239e-6	1.21270		Succrose
11.361	VB	1.52832e4	2.33878e-6	3.57441e-2		Glucose
12.591	VB R	4.63542e5	3.75854e-6	1.74224		Fructose
24.833	BB	6.35262e4	7.60797e-6	4.83306e-1		Ethanol

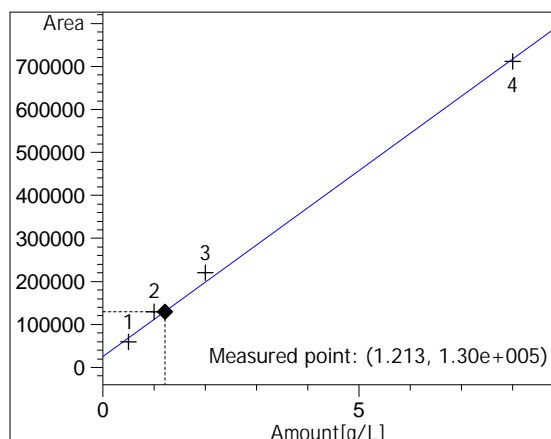
Totals : 3.47399

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

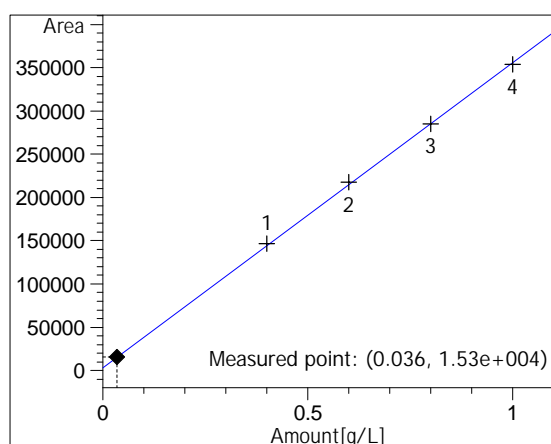
2 Warnings or Errors :

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

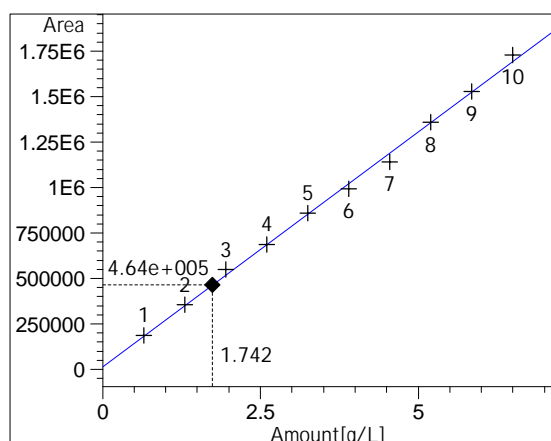
Calibration Curves



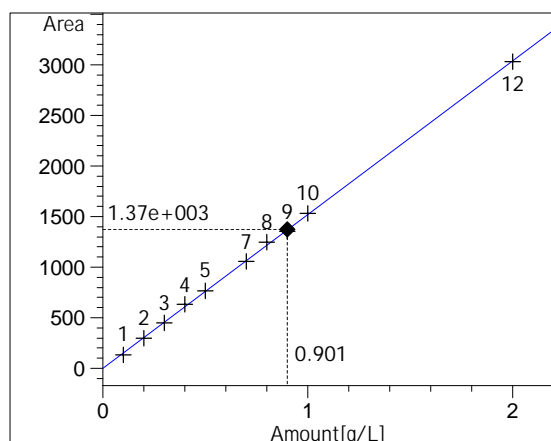
Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: $y = mx + b$
m: 86671.29673
b: 24839.01752
x: Amount[g/L]
y: Area



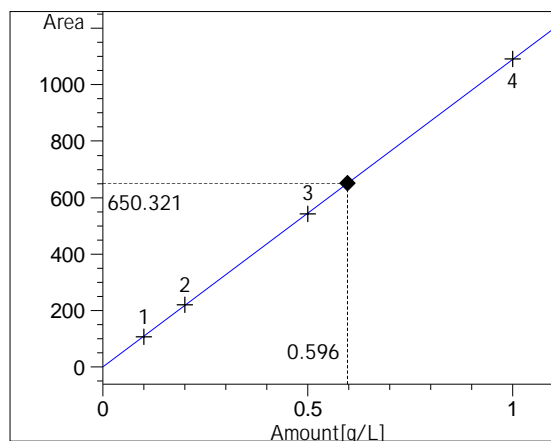
Glucose at exp. RT: 11.408
RID1 A, Refractive Index Signal
Correlation: 0.99981
Residual Std. Dev.: 3023.36360
Formula: $y = mx + b$
m: 353737.16216
b: 2639.18919
x: Amount[g/L]
y: Area



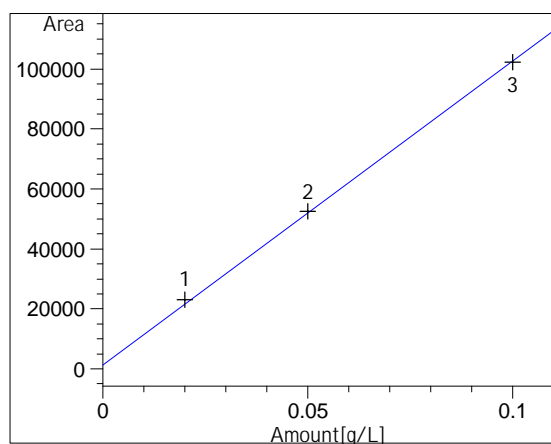
Fructose at exp. RT: 12.100
RID1 A, Refractive Index Signal
Correlation: 0.99909
Residual Std. Dev.: 25081.95145
Formula: $y = mx + b$
m: 258721.41259
b: 12786.68182
x: Amount[g/L]
y: Area



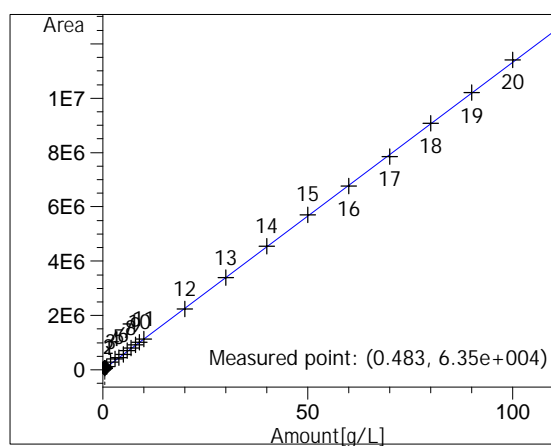
Lactic acid at exp. RT: 15.467
DAD1 B, Sig=210,4 Ref=360,100
Correlation: 0.99983
Residual Std. Dev.: 16.65547
Formula: $y = mx + b$
m: 1521.64235
b: 9.45650e-1
x: Amount[g/L]
y: Area



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 ***