

Sample Name: dimos 23\_10 FW

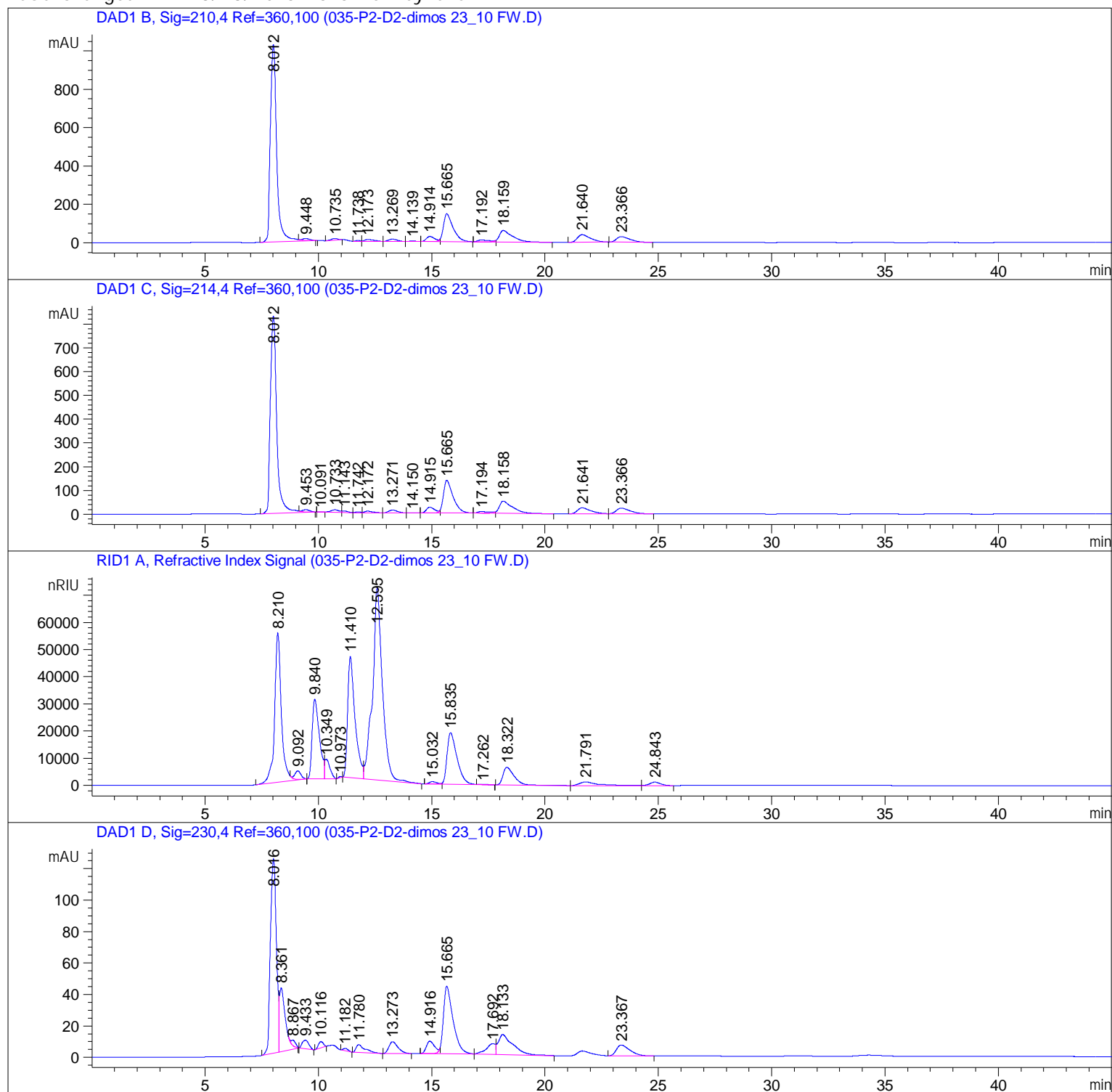
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Acq. Operator : SYSTEM Seq. Line : 35  
Acq. Instrument : HPLC-OXTLAB Location : P2-D-02  
Injection Date : 10/24/2023 15:32:02 Inj : 1  
Inj Volume : 20.000 µl

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

Method : C:\Chem32\1\Data\Dimos-Ntina-Xaris-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
15.665	VB R	4330.38086	6.57041e-4	2.84524		Lactic acid
18.159	VB R	2451.77588	9.15940e-4	2.24568		Acetic acid
21.640	BB	1593.40381	1.22677e-7	1.95474e-4		Propionic

Totals : 5.09111

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
9.840	BV	6.49195e5	1.10964e-5	7.20372		Sucrose
11.410	BV	1.01288e6	2.81959e-6	2.85590		Glucose
12.595	VB	2.15397e6	3.84222e-6	8.27604		Fructose
24.843	VB	4.47612e4	7.09676e-6	3.17659e-1		Ethanol

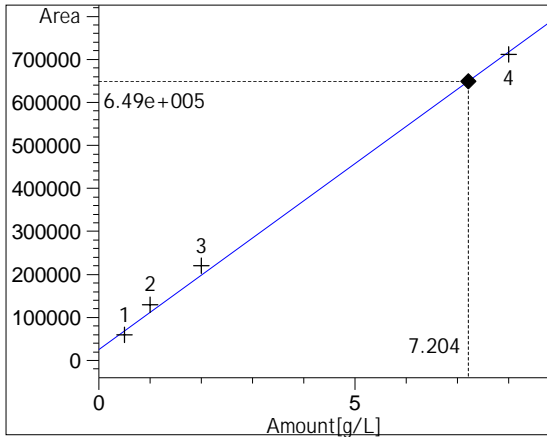
Totals : 18.65332

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

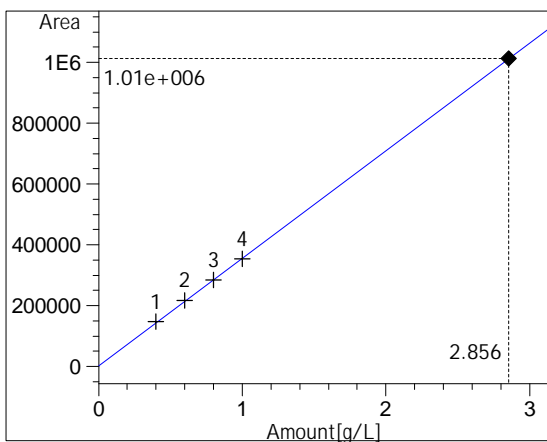
1 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)

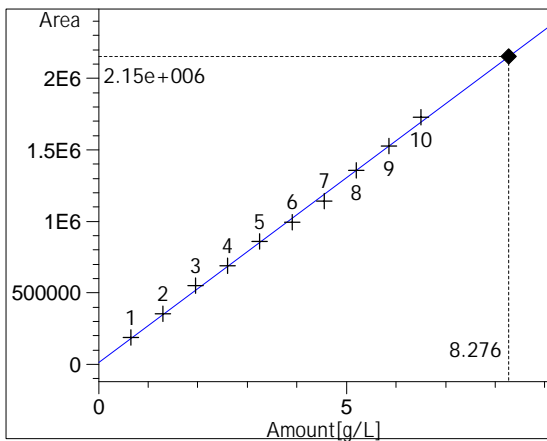
# Calibration Curves



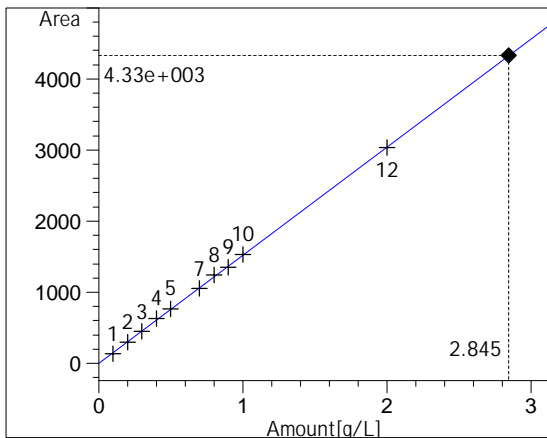
Succrose at exp. RT: 9.863  
RID1 A, Refractive Index Signal  
Correlation: 0.99759  
Residual Std. Dev.: 22755.41185  
Formula:  $y = mx + b$   
m: 86671.29673  
b: 24839.01752  
x: Amount[g/L]  
y: Area



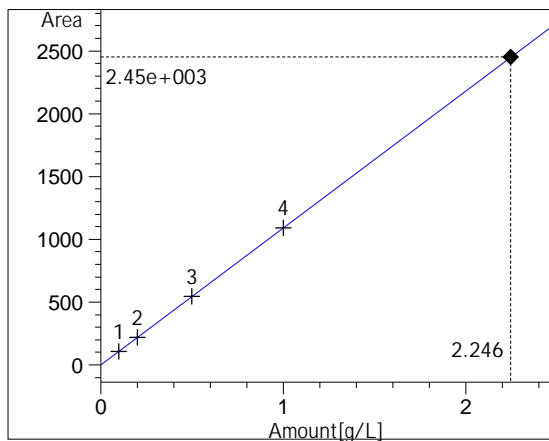
Glucose at exp. RT: 11.408  
RID1 A, Refractive Index Signal  
Correlation: 0.99981  
Residual Std. Dev.: 3023.36360  
Formula:  $y = mx + b$   
m: 353737.16216  
b: 2639.18919  
x: Amount[g/L]  
y: Area



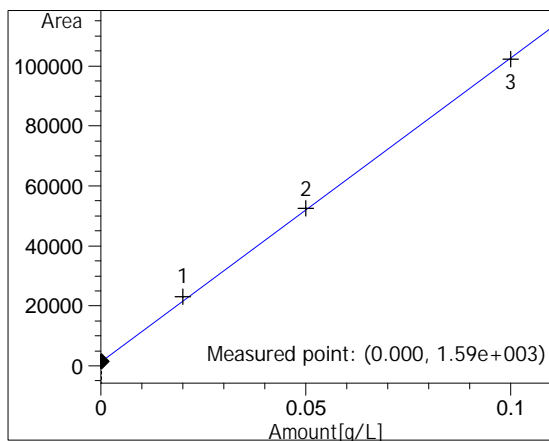
Fructose at exp. RT: 12.100  
RID1 A, Refractive Index Signal  
Correlation: 0.99909  
Residual Std. Dev.: 25081.95145  
Formula:  $y = mx + b$   
m: 258721.41259  
b: 12786.68182  
x: Amount[g/L]  
y: Area



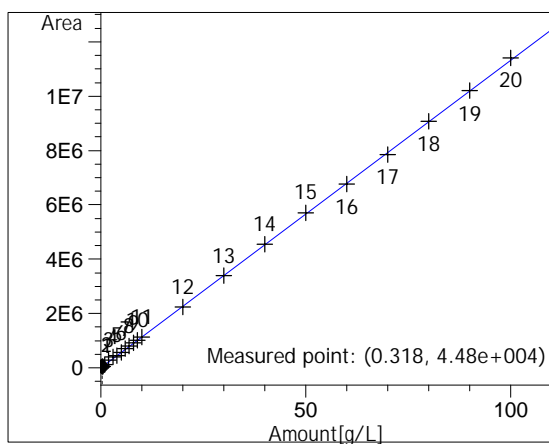
Lactic acid at exp. RT: 15.467  
DAD1 B, Sig=210,4 Ref=360,100  
Correlation: 0.99983  
Residual Std. Dev.: 16.65547  
Formula:  $y = mx + b$   
m: 1521.64235  
b: 9.45650e-1  
x: Amount[g/L]  
y: Area



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 \*\*\*