

Sample Name: dimos 23\_10 2.24

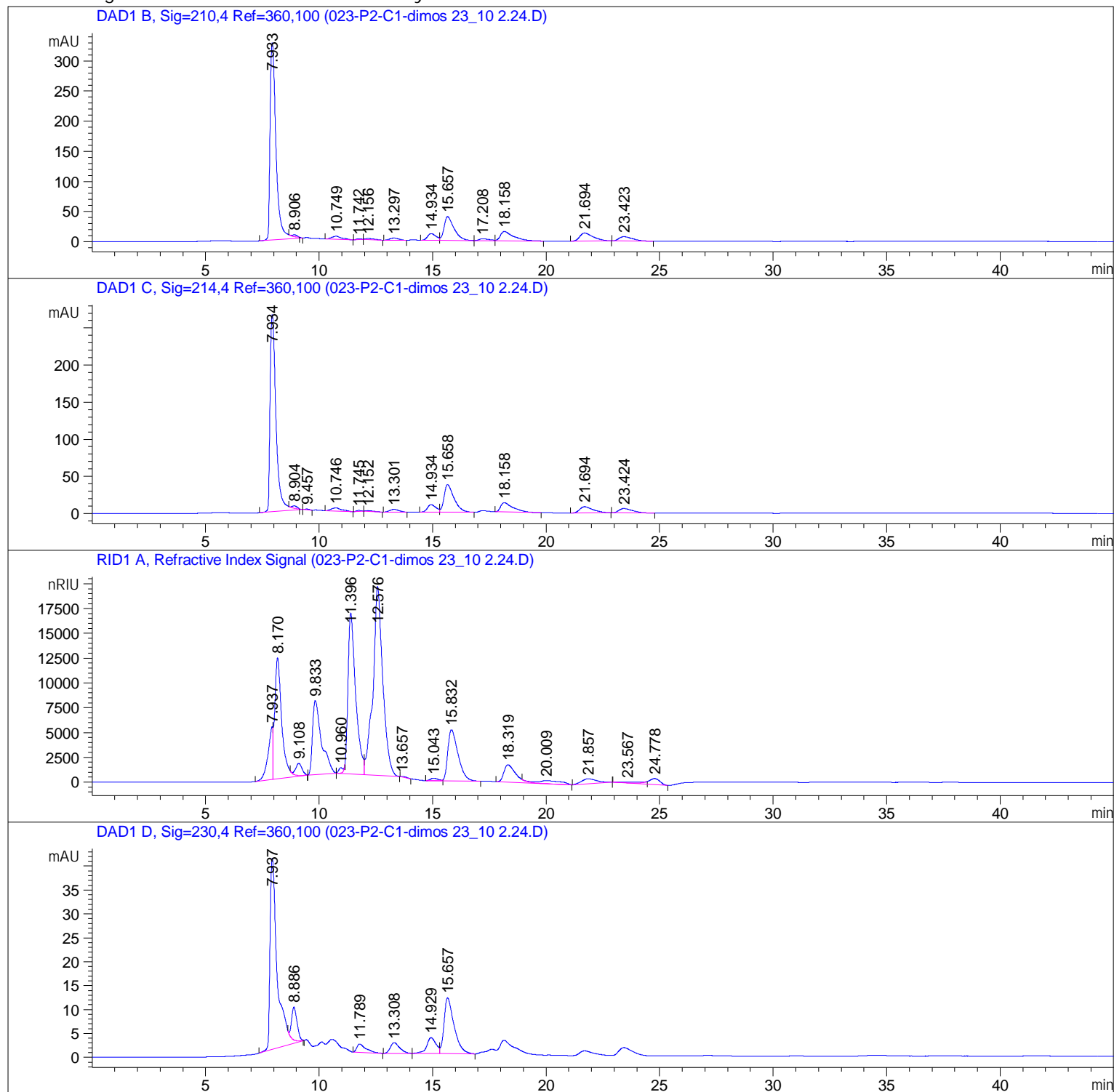
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Acq. Operator : SYSTEM Seq. Line : 23  
Acq. Instrument : HPLC-OXTLAB Location : P2-C-01  
Injection Date : 10/24/2023 06:18:32 Inj : 1  
Inj Volume : 20.000 µl

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  
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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
15.657	VB	1209.14966	6.56671e-4	7.94013e-1		Lactic acid
18.158	VB	617.99353	9.16697e-4	5.66513e-1		Acetic acid
21.694	BB	550.29474	0.00000	0.00000		Propionic

Totals : 1.36053

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
9.833	BB	2.03833e5	1.01318e-5	2.06520		Sucrose
11.396	VV R	3.83357e5	2.80750e-6	1.07627		Glucose
12.576	VB	5.74617e5	3.77915e-6	2.17156		Fructose
24.778	VB R	2.32407e4	5.49426e-6	1.27691e-1		Ethanol

Totals : 5.44073

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

2 Warnings or Errors :

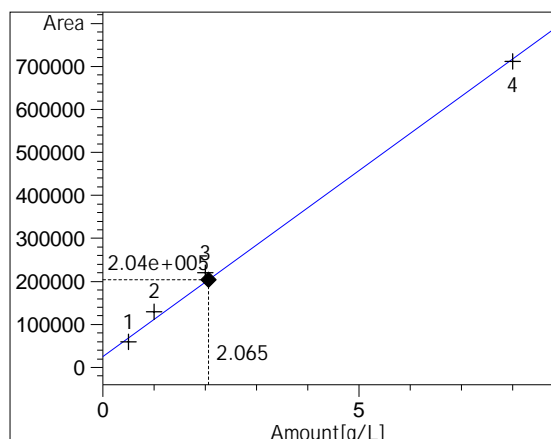
Warning : Calibration warnings (see calibration table listing)  
Warning : Negative results set to zero (cal. curve intercept), (Propionic)

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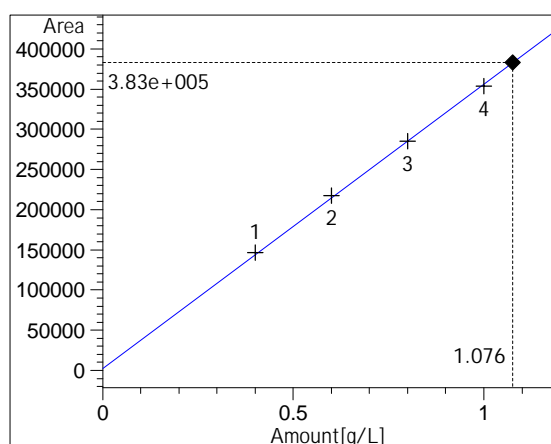
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Calibration Curves

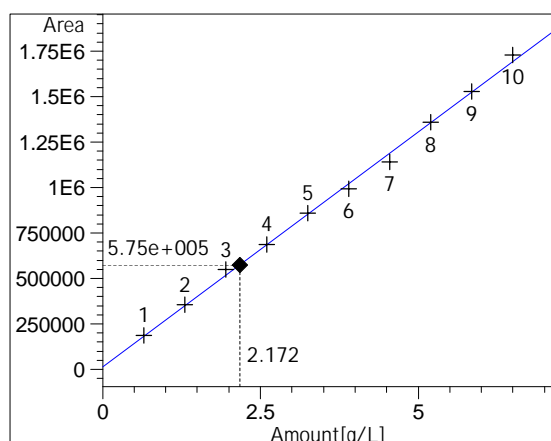
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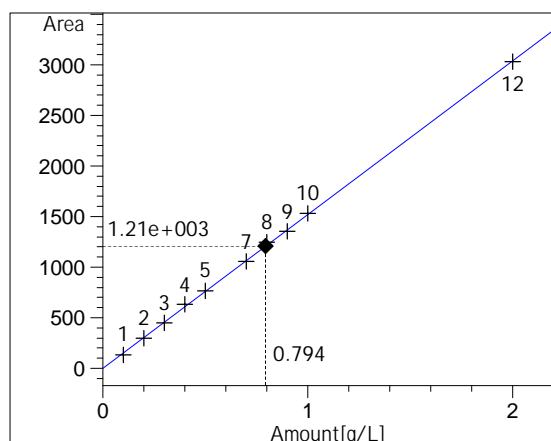
Succrose at exp. RT: 9.863  
 RID1 A, Refractive Index Signal  
 Correlation: 0.99759  
 Residual Std. Dev.: 22755.41185  
 Formula:  $y = mx + b$   
 m: 86671.29673  
 b: 24839.01752  
 x: Amount[g/L]  
 y: Area



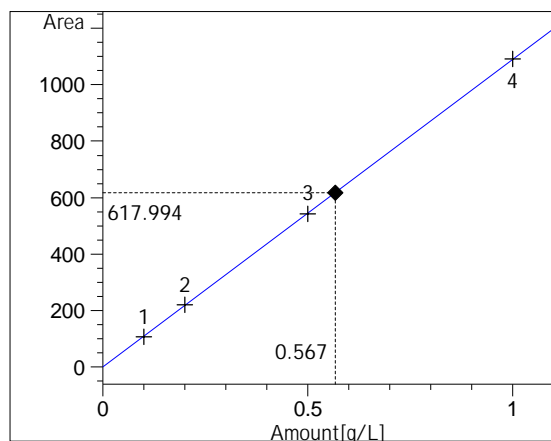
Glucose at exp. RT: 11.408  
 RID1 A, Refractive Index Signal  
 Correlation: 0.99981  
 Residual Std. Dev.: 3023.36360  
 Formula:  $y = mx + b$   
 m: 353737.16216  
 b: 2639.18919  
 x: Amount[g/L]  
 y: Area



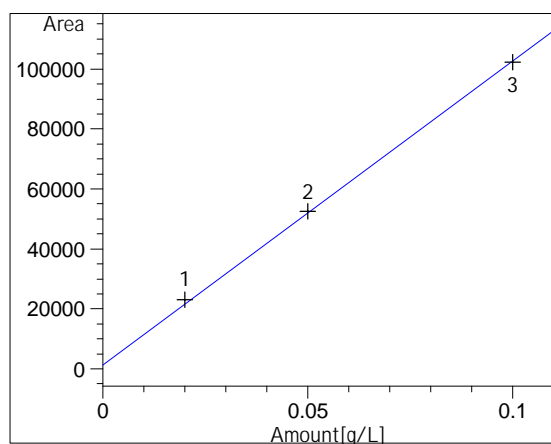
Fructose at exp. RT: 12.100  
 RID1 A, Refractive Index Signal  
 Correlation: 0.99909  
 Residual Std. Dev.: 25081.95145  
 Formula:  $y = mx + b$   
 m: 258721.41259  
 b: 12786.68182  
 x: Amount[g/L]  
 y: Area



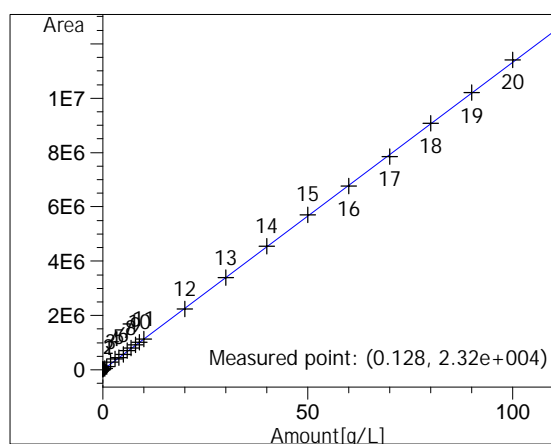
Lactic acid at exp. RT: 15.467  
 DAD1 B, Sig=210,4 Ref=360,100  
 Correlation: 0.99983  
 Residual Std. Dev.: 16.65547  
 Formula:  $y = mx + b$   
 m: 1521.64235  
 b: 9.45650e-1  
 x: Amount[g/L]  
 y: Area



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 \*\*\*