

Sample Name: dimos 23_10 1.24

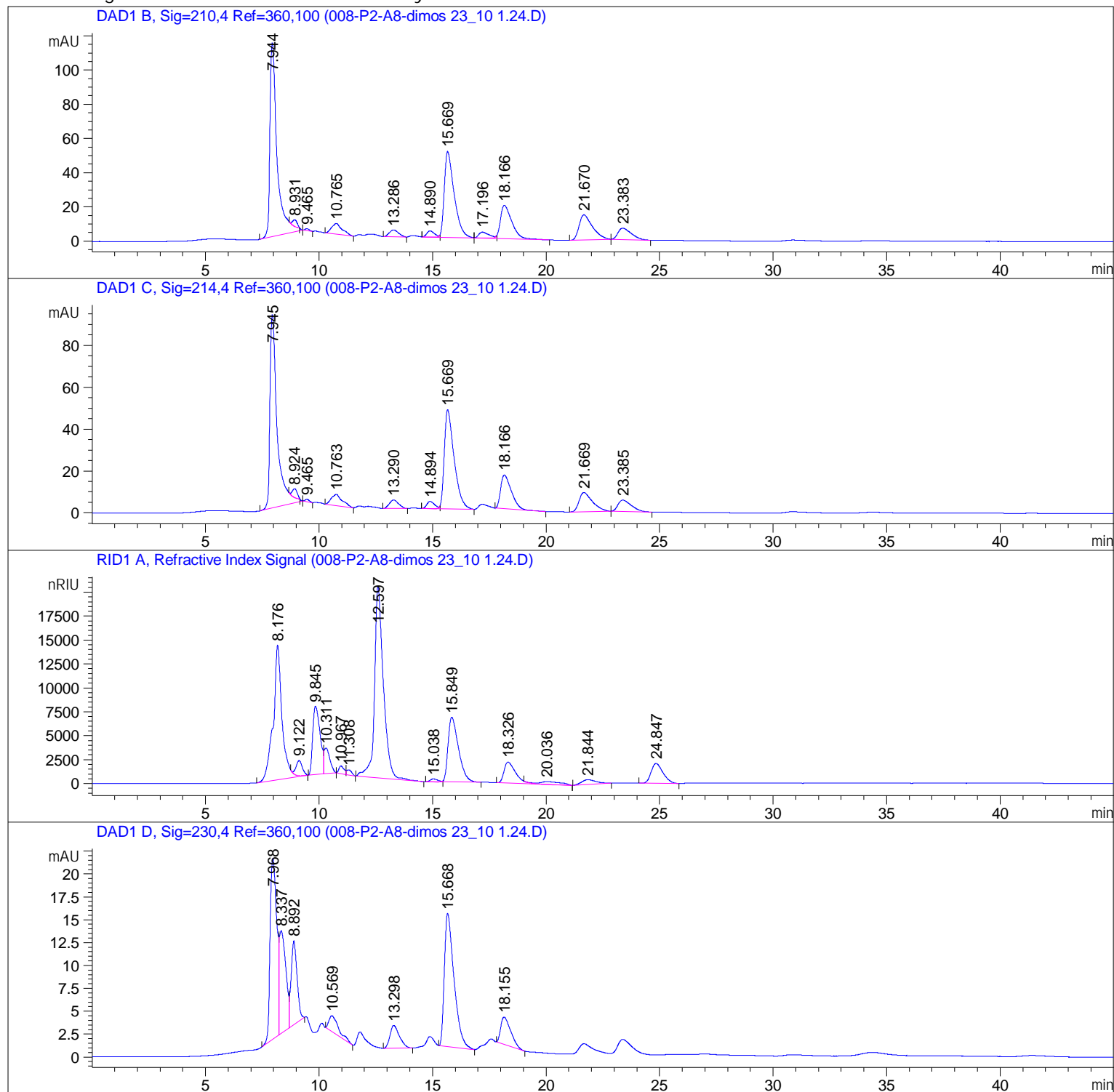
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Acq. Operator : SYSTEM Seq. Line : 8
Acq. Instrument : HPLC-OXTLAB Location : P2-A-08
Injection Date : 10/23/2023 18:46:42 Inj : 1
Inj Volume : 20.000 µl

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

Method : C:\Chem32\1\Data\Di mos-Nti na-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



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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
15.669	VB R	1508.52087	6.56773e-4	9.90755e-1		Lactic acid
18.166	VB R	685.29639	9.16598e-4	6.28141e-1		Acetic acid
21.670	BB	599.16266	0.00000	0.00000		Propionic

Totals : 1.61890

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
9.845	BV	1.60820e5	9.75579e-6	1.56892		Sucrose
11.308	VB	8263.26855	1.92406e-6	1.58990e-2		Glucose
12.597	BB	5.46831e5	3.77478e-6	2.06417		Fructose
24.847	BB	7.48987e4	7.79312e-6	5.83695e-1		Ethanol

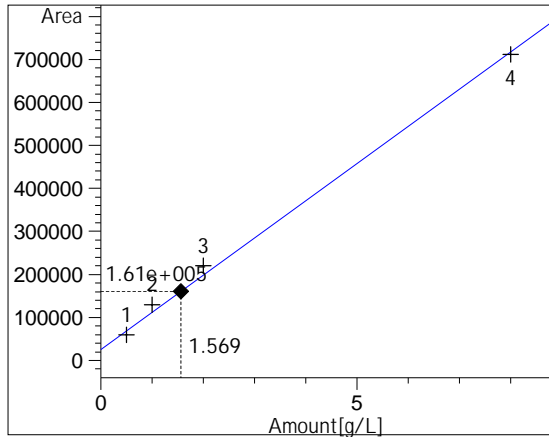
Totals : 4.23268

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

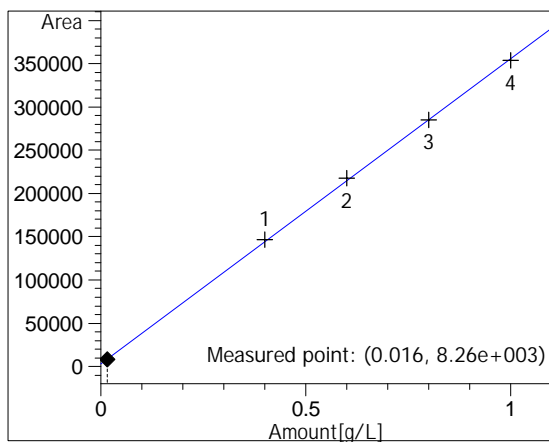
2 Warnings or Errors :

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

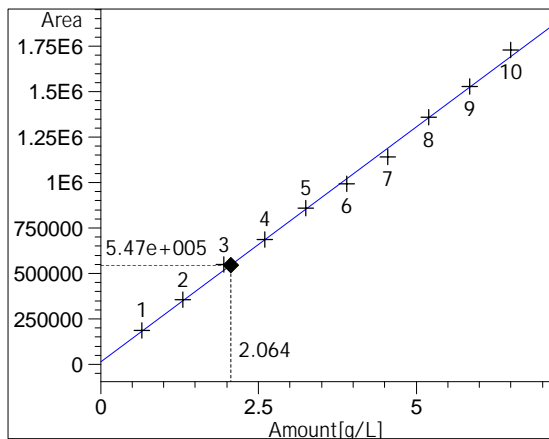
Calibration Curves



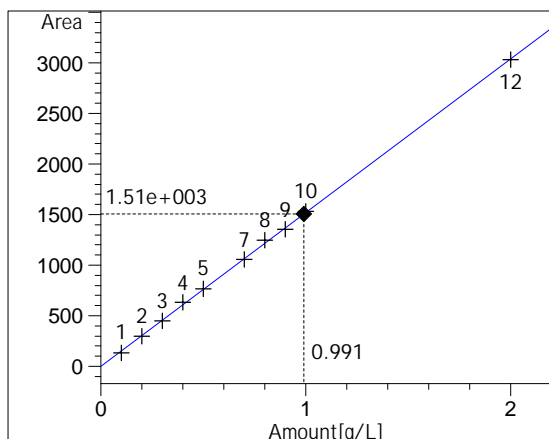
Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: $y = mx + b$
m: 86671.29673
b: 24839.01752
x: Amount[g/L]
y: Area



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

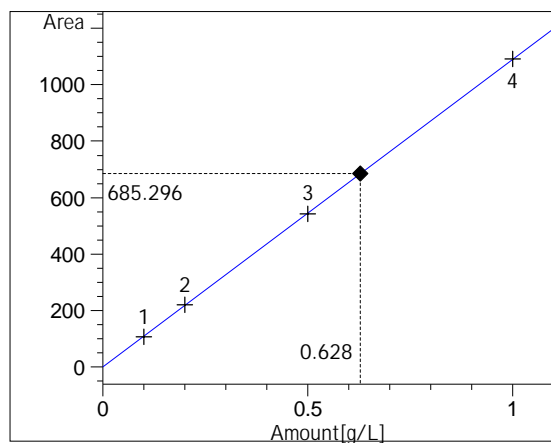


Fructose at exp. RT: 12.100
RID1 A, Refractive Index Signal
Correlation: 0.99909
Residual Std. Dev.: 25081.95145
Formula: $y = mx + b$
m: 258721.41259
b: 12786.68182
x: Amount[g/L]
y: Area

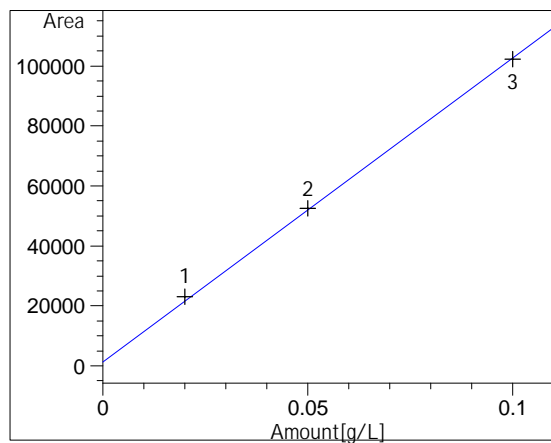


Lactic acid at exp. RT: 15.467
DAD1 B, Sig=210,4 Ref=360,100
Correlation: 0.99983
Residual Std. Dev.: 16.65547
Formula: $y = mx + b$
m: 1521.64235
b: 9.45650e-1
x: Amount[g/L]
y: Area

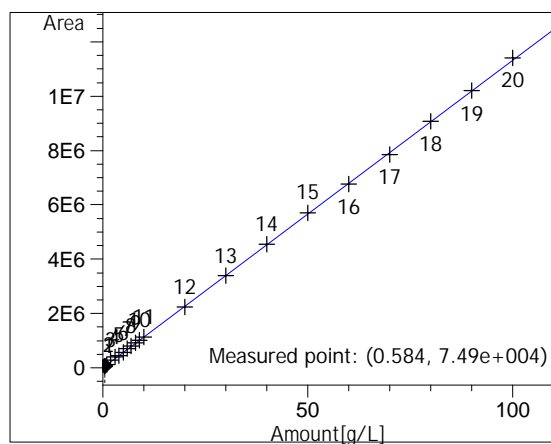
Sample Name: dimos 23_10 1.24



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 ***