Data File C:\Chem32\...tina-Xaris-23.10.23 2023-10-23 13-22-49\003-P2-A3-dimos 23_10 1.2.D
Sample Name: dimos 23_10 1.2

```
==================================================================
Acq. Operator   : SYSTEM                          Seq. Line :   3
Acq. Instrument : HPLC-OXTLAB                       Location :   P2-A-03
Injection Date  : 10/23/2023 14:56:05                    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
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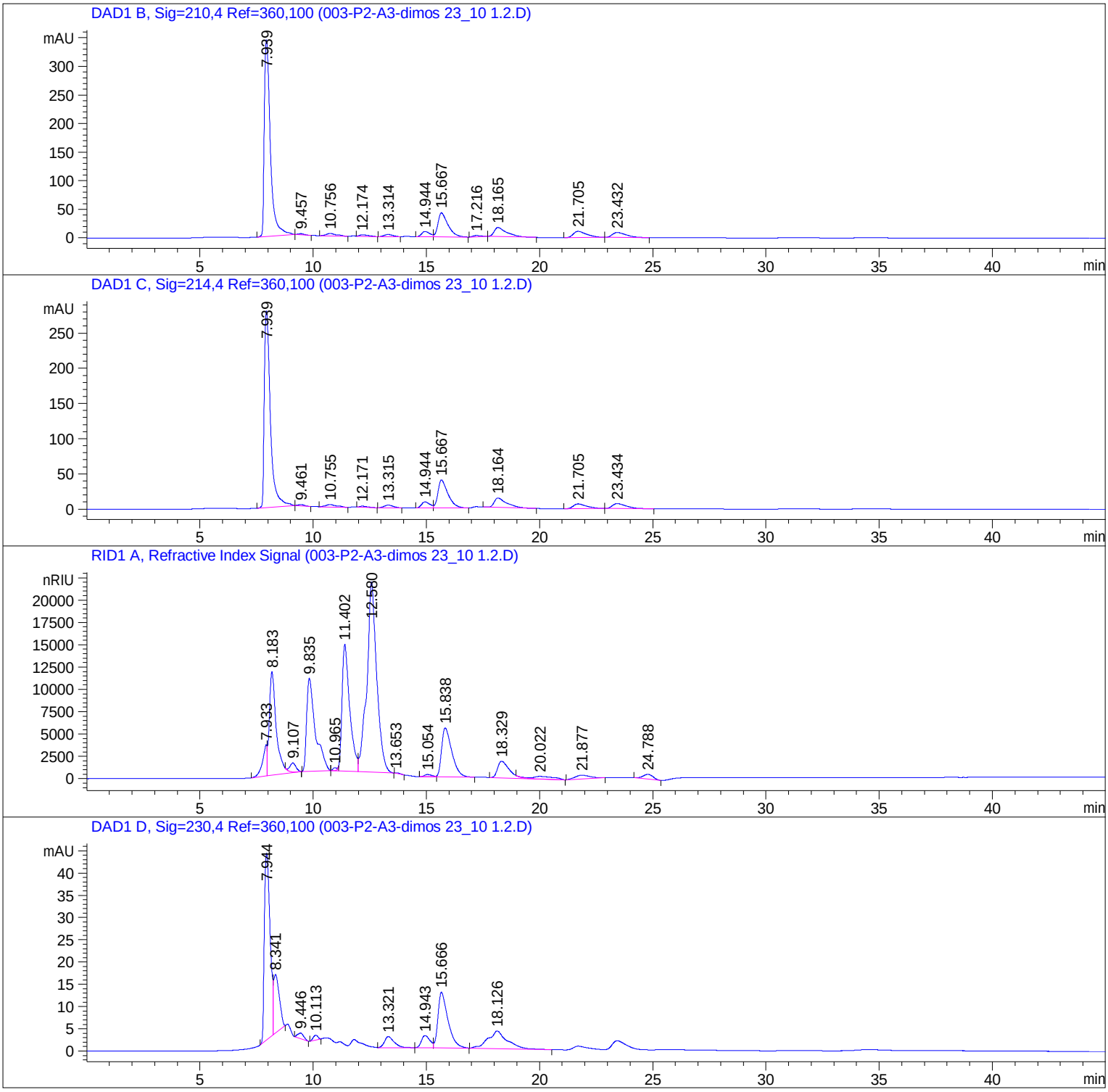


External Standard Report

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	1302.66394	6.56708e-4	8.55469e-1		Lactic acid
18.165	BB	592.94244	9.16740e-4	5.43574e-1		Acetic acid
21.705	BB	451.06616	0.00000	0.00000		Propionic

Totals : 1.39904

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
9.835	BB	2.78513e5	1.05089e-5	2.92685		Succrose
11.402	VV R	3.36926e5	2.80481e-6	9.45013e-1		Glucose
12.580	VB	6.46723e5	3.78874e-6	2.45026		Fructose
24.788	BB	1.62186e4	4.05113e-6	6.57035e-2		Ethanol

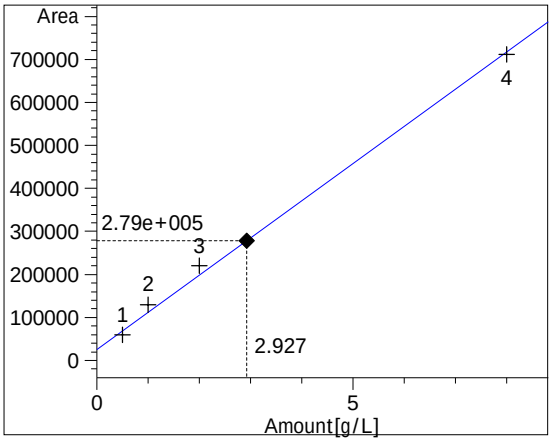
Totals : 6.38784

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

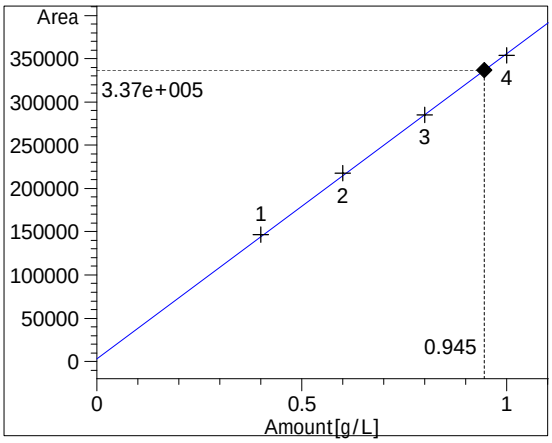
2 Warnings or Errors :

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

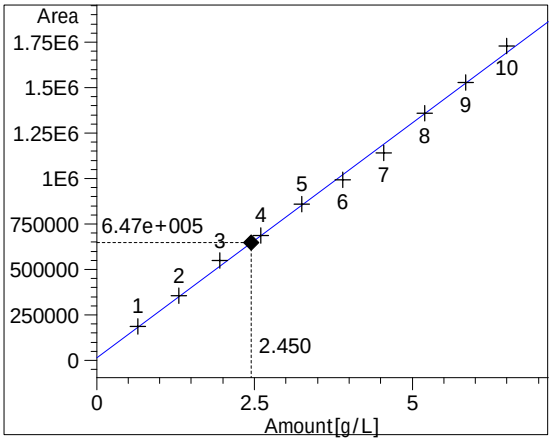
Calibration Curves



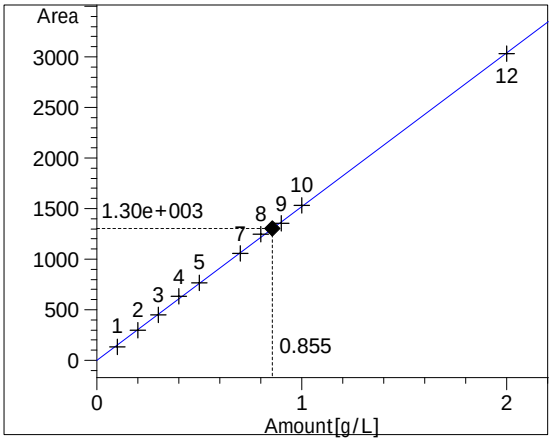
Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: y = mx + b
m: 86671.29673
b: 24839.01752
x: Amount[g/L]
y: Area



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

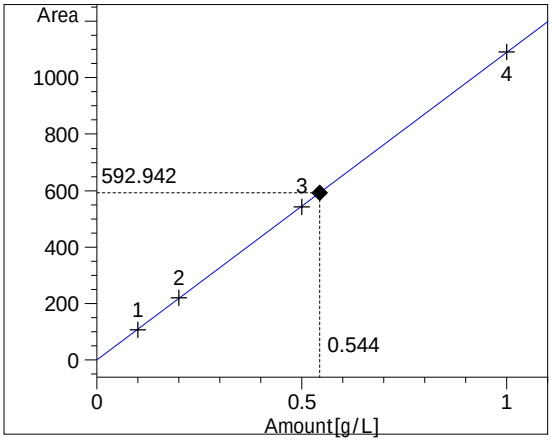


Fructose at exp. RT: 12.100
RID1 A, Refractive Index Signal
Correlation: 0.99909
Residual Std. Dev.: 25081.95145
Formula: y = mx + b
m: 258721.41259
b: 12786.68182
x: Amount[g/L]
y: Area

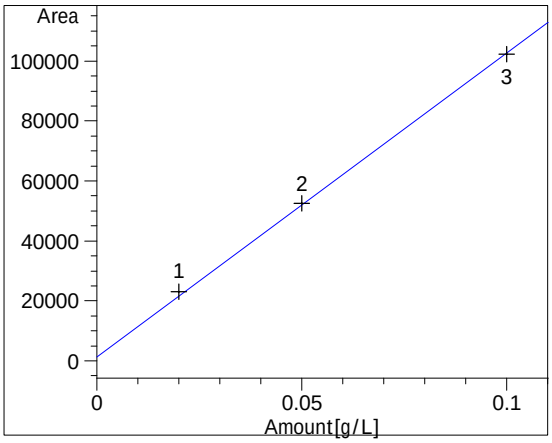


Lactic acid at exp. RT: 15.467
DAD1 B, Sig=210,4 Ref=360,100
Correlation: 0.99983
Residual Std. Dev.: 16.65547
Formula: y = mx + b
m: 1521.64235
b: 9.45650e-1
x: Amount[g/L]
y: Area

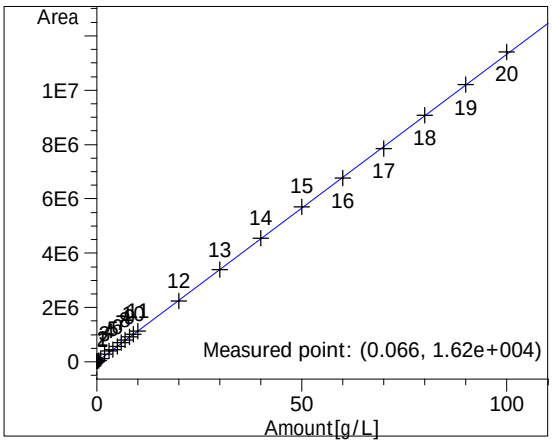
Data File C:\Chem32\...tina-Xaris-23.10.23 2023-10-23 13-22-49\003-P2-A3-dimos 23_10 1.2.D
Sample Name: dimos 23_10 1.2



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 ***