Data File C:\Chem32\...na-Xaris-23.10.23 2023-10-23 13-22-49\033-P2-C11-dimos 23_10 2.96.D
Sample Name: dimos 23_10 2.96

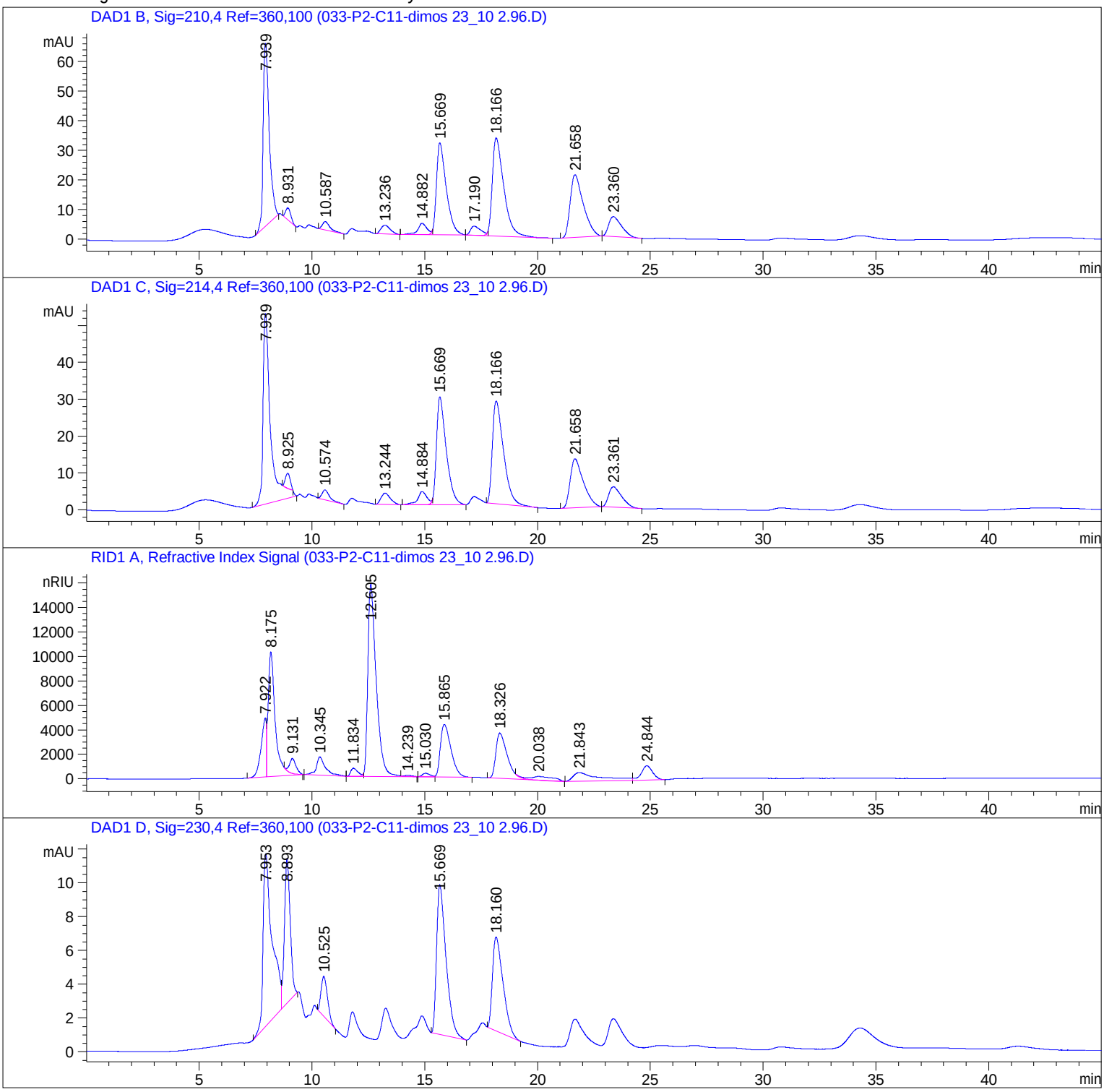
==========

| | | | |
|---|---|---|---|
| Acq. Operator | : SYSTEM | Seq. Line | : 33 |
| Acq. Instrument | : HPLC-OXTLAB | Location | : P2-C-11 |
| Injection Date | : 10/24/2023 13:59:44 | 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



Data File C:\Chem32\...na-Xaris-23.10.23 2023-10-23 13-22-49\033-P2-C11-dimos 23_10 2.96.D
Sample Name: dimos 23_10 2.96

==========

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 |
|---|---|---|---|---|---|---|
| 15.669 | VB R | 938.74713 | 6.56523e-4 | 6.16309e-1 | | Lactic acid |
| 18.166 | VB R | 1178.45557 | 9.16216e-4 | 1.07972 | | Acetic acid |
| 21.658 | BB | 861.96796 | 0.00000 | 0.00000 | | Propionic |
| Totals : | | | | 1.69603 | | |

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 |
|---|---|---|---|---|---|---|
| 9.863 | | - | - | - | | Succrose |
| 11.408 | | - | - | - | | Glucose |
| 11.834 | BV E | 1.42559e4 | 3.98341e-7 | 5.67870e-3 | | Fructose |
| 24.844 | VB | 4.11391e4 | 6.94439e-6 | 2.85686e-1 | | Ethanol |
| Totals : | | | | 2.91365e-1 | | |

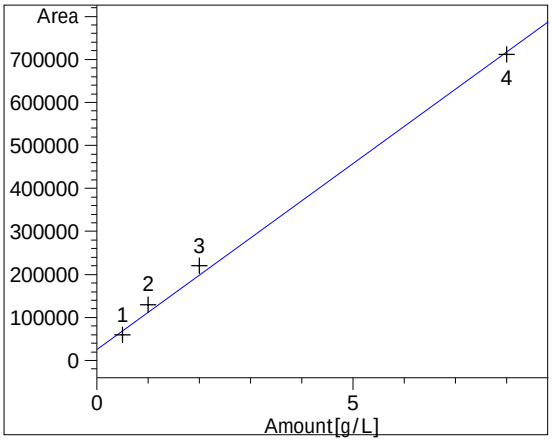
Signal 4: DAD1 D, Sig=230,4 Ref=360,100

3 Warnings or Errors :

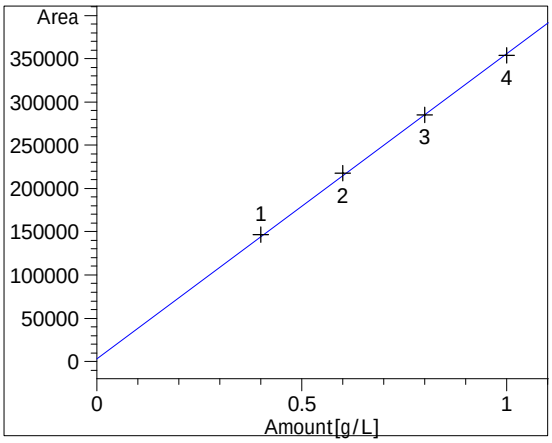
Warning : Calibration warnings (see calibration table listing)
Warning : Calibrated compound(s) not found
Warning : Negative results set to zero (cal. curve intercept), (Propionic)

==========

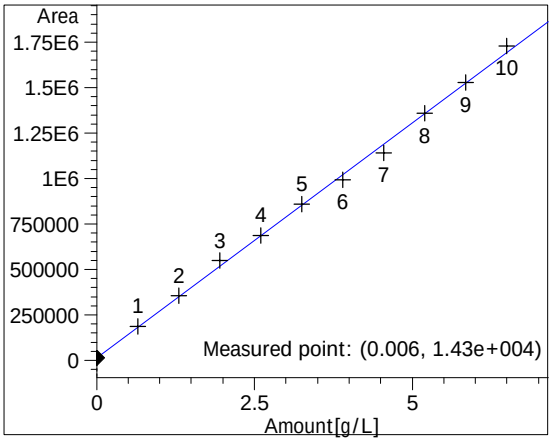
## Calibration Curves



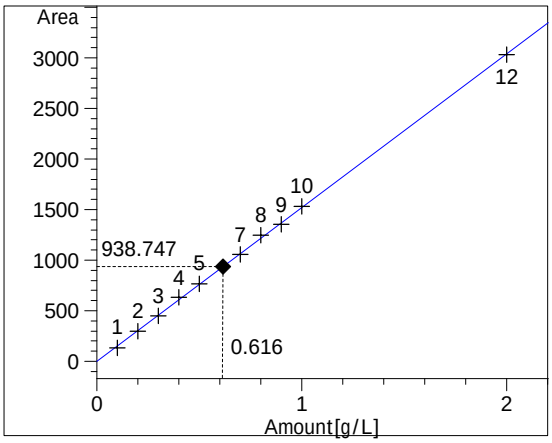

Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: y = mx + b
m: 86671.29673
b: 24839.01752
x: Amount[g/L]
y: Area



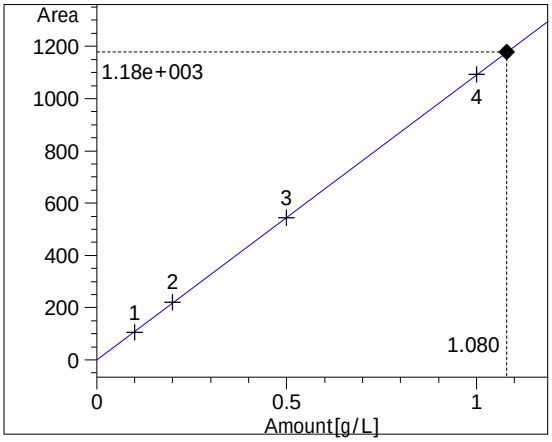

Glucose at exp. RT: 11.408
RID1 A, Refractive Index Signal
Correlation: 0.99981
Residual Std. Dev.: 3023.36360
Formula: y = mx + b
m: 353737.16216
b: 2639.18919
x: Amount[g/L]
y: Area



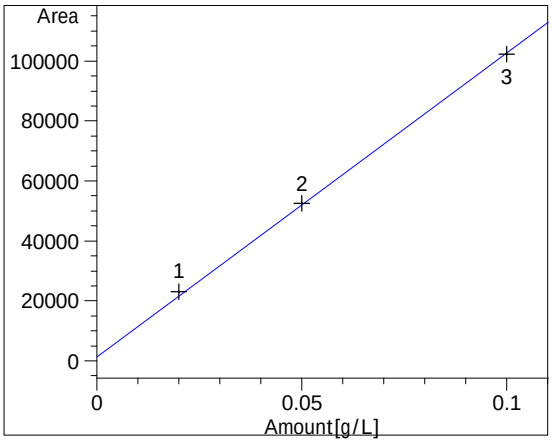

Fructose at exp. RT: 12.100
RID1 A, Refractive Index Signal
Correlation: 0.99909
Residual Std. Dev.: 25081.95145
Formula: y = mx + b
m: 258721.41259
b: 12786.68182
x: Amount[g/L]
y: Area



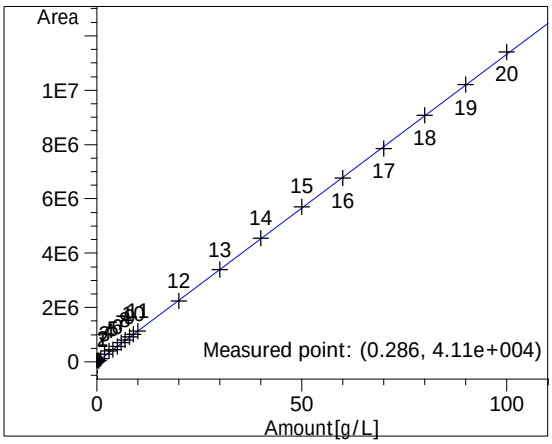

Lactic acid at exp. RT: 15.467
DAD1 B, Sig=210,4 Ref=360,100
Correlation: 0.99983
Residual Std. Dev.: 16.65547
Formula: y = mx + b
m: 1521.64235
b: 9.45650e-1
x: Amount[g/L]
y: Area




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 ***