Data File C:\Chem32\1\Data\dimitra.27.5.24 2024-05-27 12-46-59\007-P2-A7-0.4a.D
Sample Name: 0.4a

==
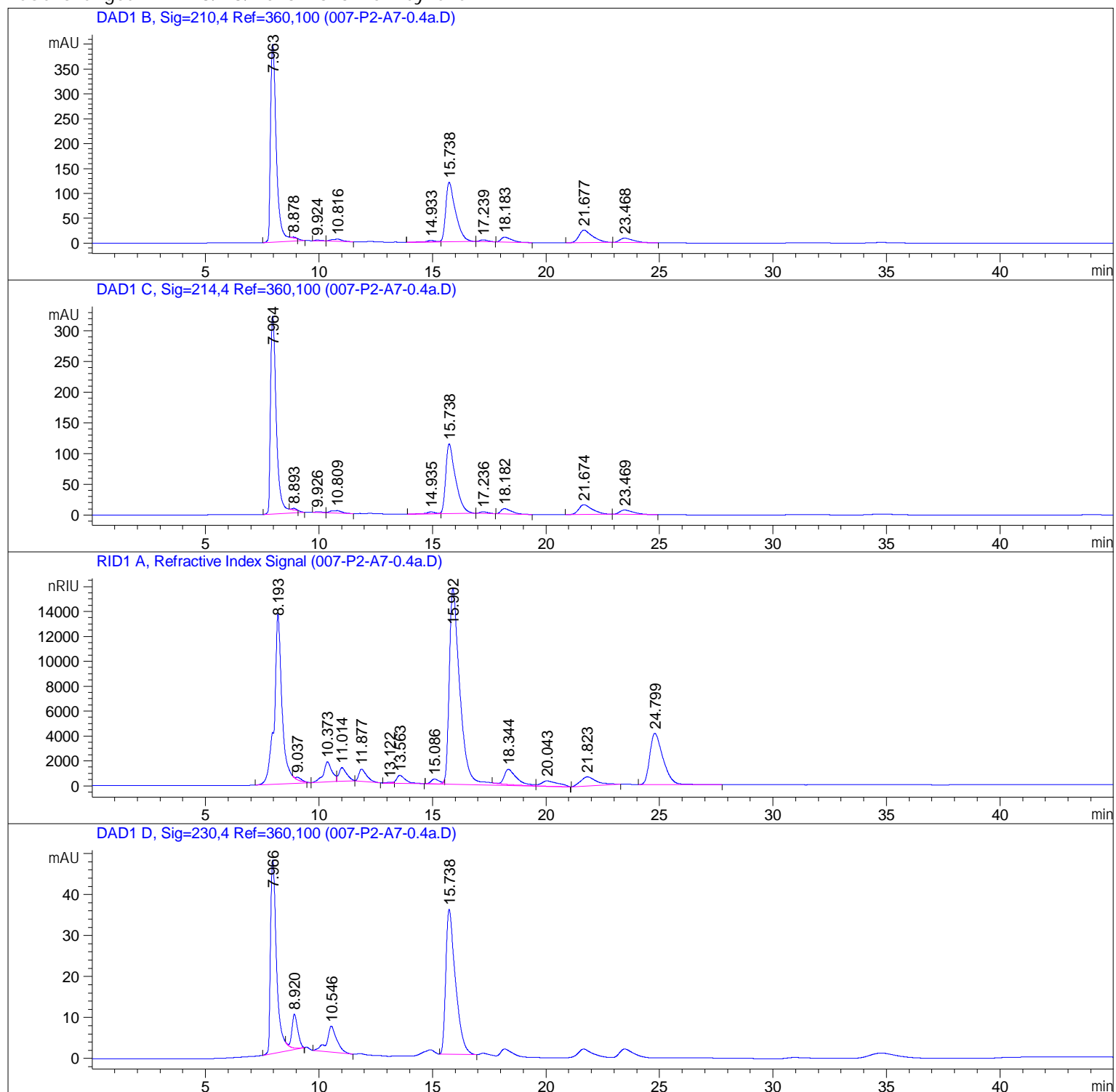
Acq. Operator   : SYSTEM   Seq. Line :   7
Acq. Instrument : HPLC-OXTLAB   Location :   P2-A-07
Injection Date : 5/27/2024 17:24:40   Inj :   1
                                          Inj Volume : 20.000 µl
Sequence File   : C:\Chem32\1\Data\dimitra.27.5.24 2024-05-27 12-46-59\dimitra.27.5.24.S
Method   : C:\Chem32\1\Data\dimitra.27.5.24 2024-05-27 12-46-59\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  Type      Area      Amt/Area      Amount   Grp   Name
 [min]            [mAU*s]                  [g/L]
-------|------|----------|----------|----------|--|------------------
 15.738 VB R   3584.33228 6.57011e-4    2.35495       Lactic acid
 18.183 BB      316.41711 9.17663e-4 2.90364e-1       Acetic acid
 21.677 BB     1056.38965    0.00000    0.00000       Propionic
```

Totals :   2.64531

Signal 2: DAD1 C, Sig=214,4 Ref=360,100

Signal 3: RID1 A, Refractive Index Signal

```
RetTime  Type      Area      Amt/Area      Amount   Grp   Name
 [min]            [nRIU*s]                 [g/L]
-------|------|----------|----------|----------|--|------------------
  9.863          -          -          -          Succrose
 11.408          -          -          -          Glucose
 11.877 BB    2.29584e4  1.71246e-6 3.93153e-2       Fructose
 24.799 BB    1.65908e5  8.36046e-6    1.38706       Ethanol
```
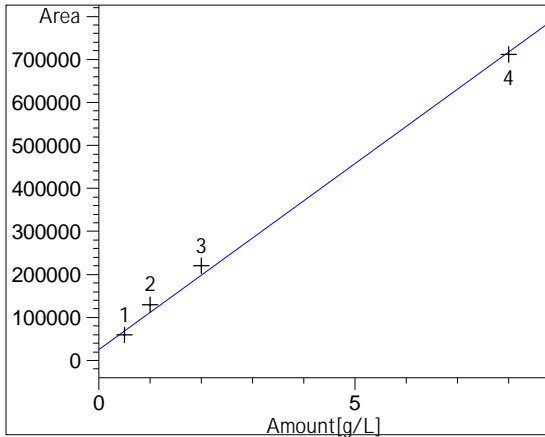
Totals :   1.42638

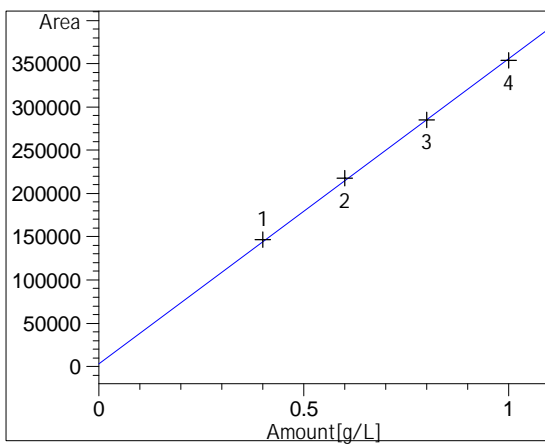Signal 4: DAD1 D, Sig=230,4 Ref=360,100

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)
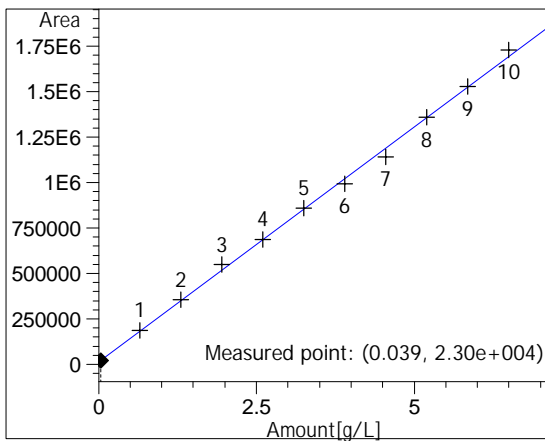
```
========================================================================
```

===
Calibration Curves
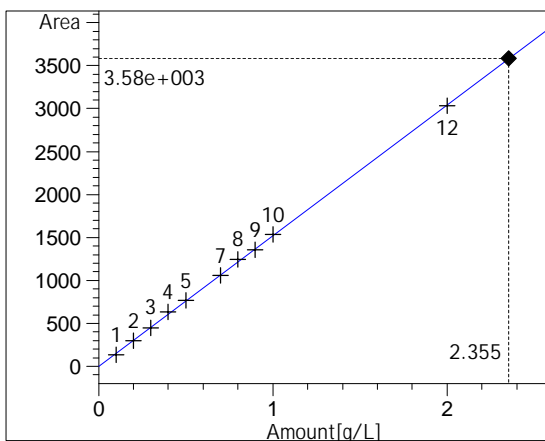===

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

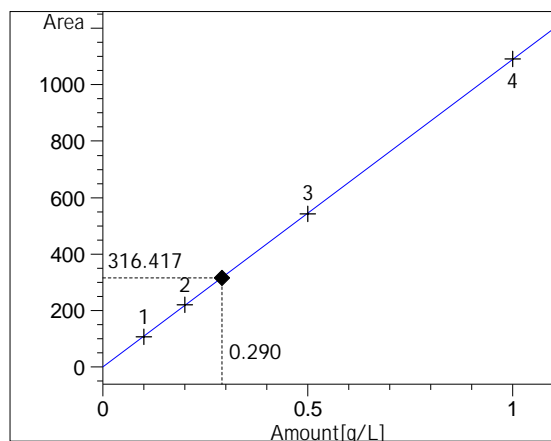

Glucose at exp. RT: 11.408
RID1 A, Refractive Index Signal
Correlation: 0.99981
Residual Std. Dev.: 3023.36360
Formula: y = mx + b
    m: 353737.16216
    b: 2639.18919
    x: Amount[g/L]
    y: Area
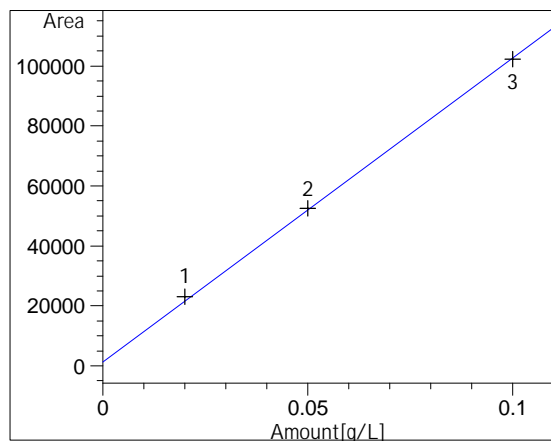

Measured point: (0.039, 2.30e+004)

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
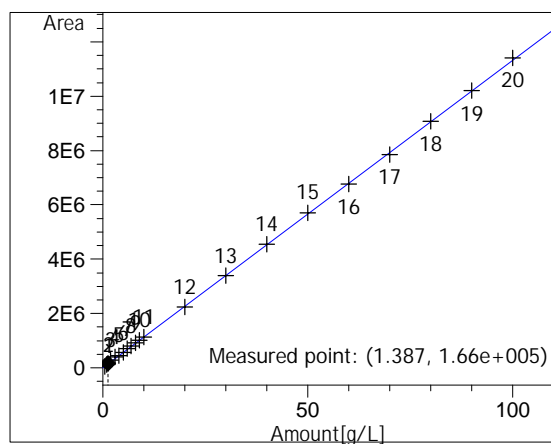   b: 12786.68182
    x: Amount[g/L]
    y: Area

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 ***