Data File C:\Chem32\1\Data\xaris-dimos-ntina 27.11 2023-11-27 14-11-38\023-P2-C1-4.3.D
Sample Name: 4.3

==
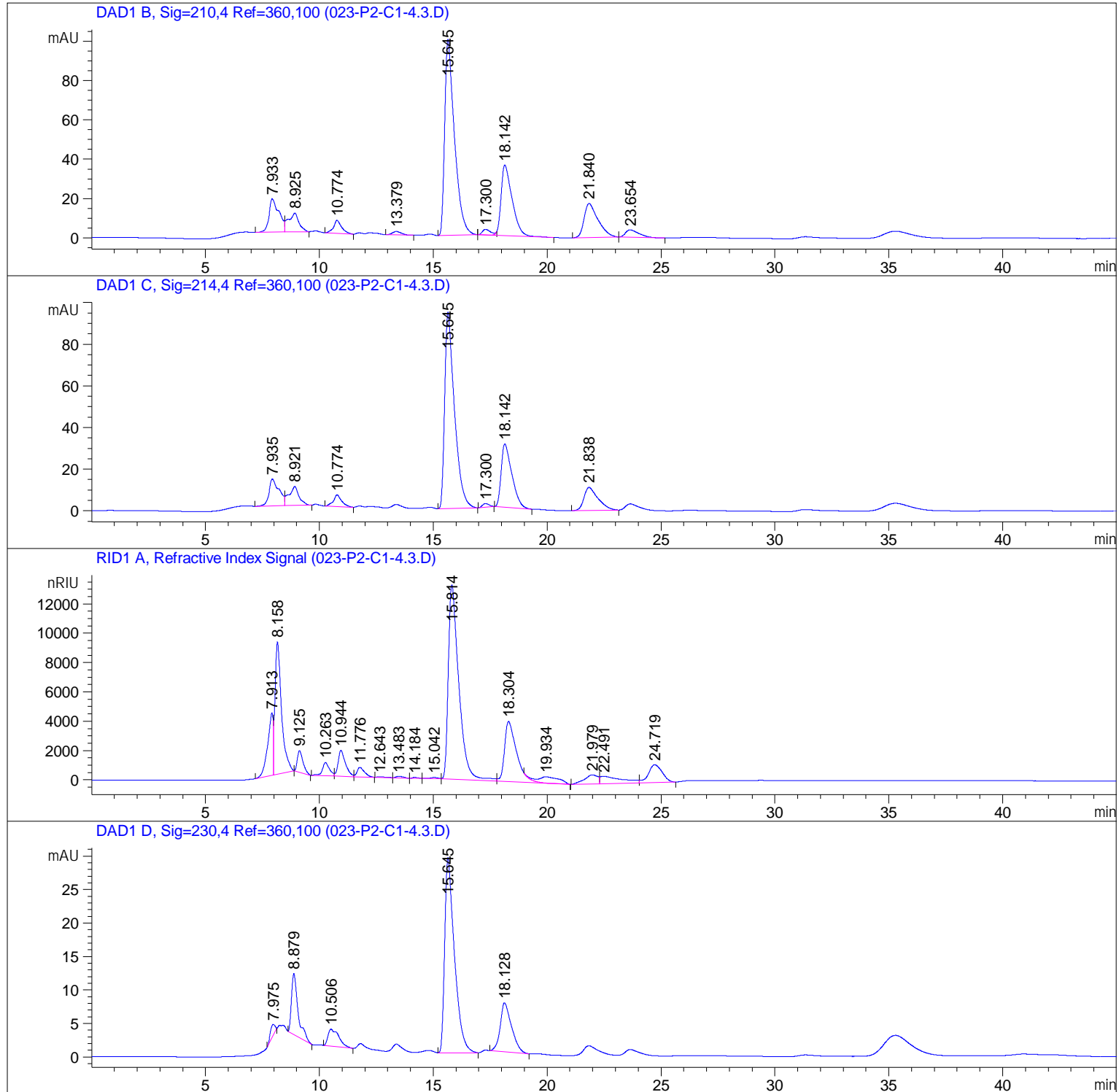
Acq. Operator   : SYSTEM   Seq. Line : 23
Acq. Instrument : HPLC-OXTLAB   Location :   P2-C-01
Injection Date : 11/28/2023 07:07:22   Inj :   1
                                          Inj Volume : 20.000 µl
Sequence File   : C:\Chem32\1\Data\xaris-dimos-ntina 27.11 2023-11-27 14-11-38\xaris-dimos-
                  ntina 27.11.S
Method   : C:\Chem32\1\Data\xaris-dimos-ntina 27.11 2023-11-27 14-11-38\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 [min]	Type	Area [mAU*s]	Amt/Area	Amount [g/L]	Grp	Name
15.645	BB	2969.42383	6.56975e-4	1.95084		Lactic acid
18.142	VB R	1225.61487	9.16195e-4	1.12290		Acetic acid
21.840	BB	735.56085	0.00000	0.00000		Propionic

Totals :   3.07374

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

Signal 3: RID1 A, Refractive Index Signal

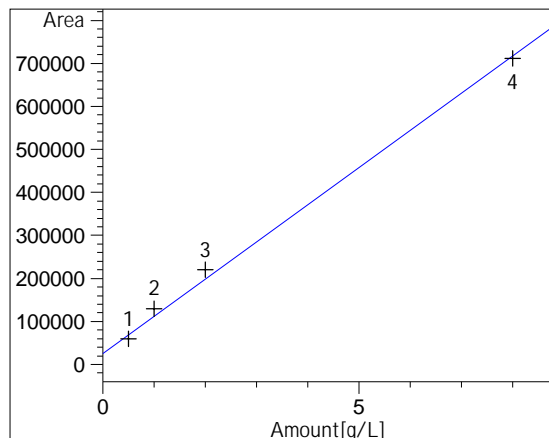| RetTime [min]	Type	Area [nRIU*s]	Amt/Area	Amount [g/L]	Grp	Name
9.863		-	-	-		Succrose
11.408		-	-	-		Glucose
12.100		-	-	-		Fructose
24.719	VB	5.02901e4	7.28702e-6	3.66465e-1		Ethanol

Totals :   3.66465e-1
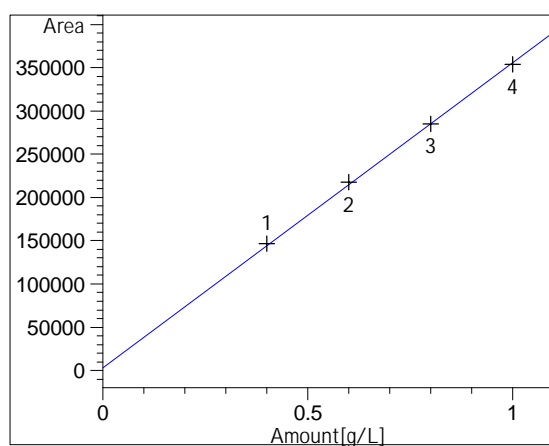
Signal 4: DAD1 D, Sig=230,4 Ref=360,100

3 Warnings or Errors :

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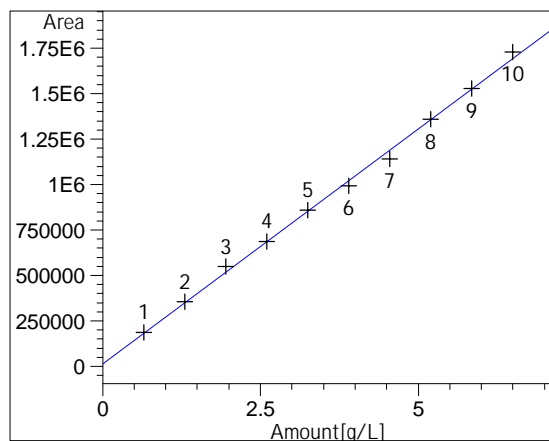Warning : Negative results set to zero (cal. curve intercept), (Propionic)

```
========================================================================
```

===
Calibration Curves
===
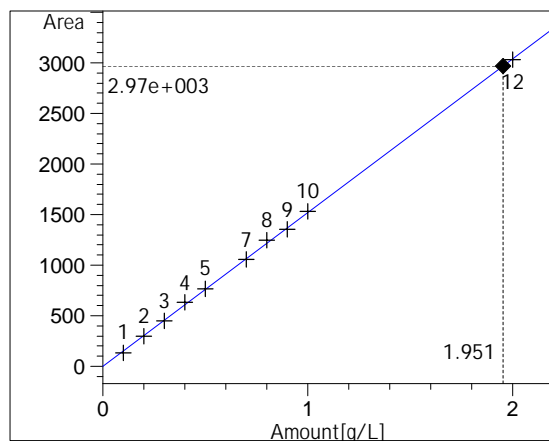

Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: y = mx + b
     m: 86671.29673
     b: 24839.01752
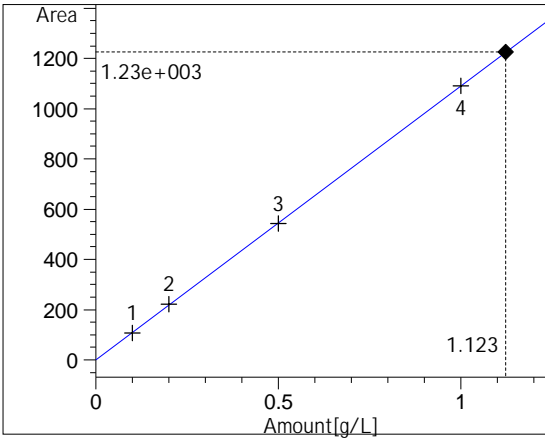   x: Amount[g/L]
     y: Area

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
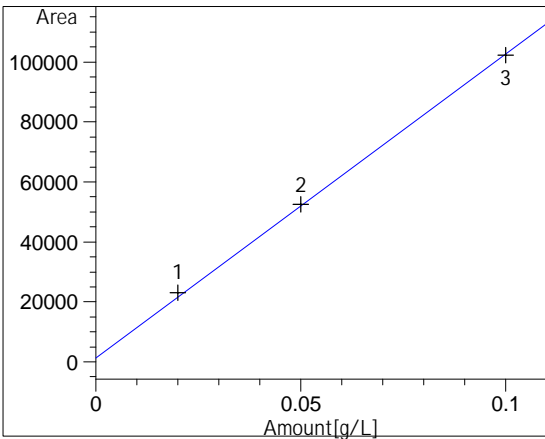   x: Amount[g/L]
     y: Area

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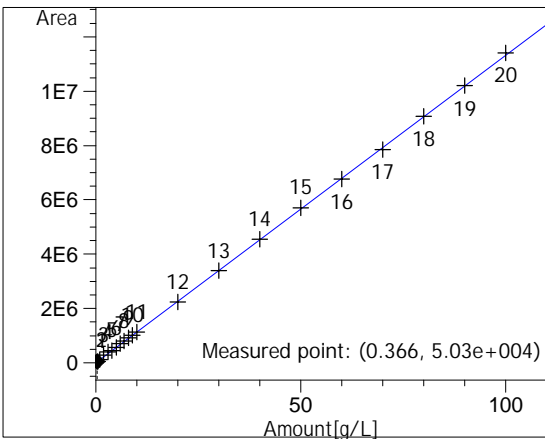   b: 12786.68182
     x: Amount[g/L]
     y: Area

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

Measured point: (0.366, 5.03e+004)

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*** End of Report ***