Data File C:\Chem32\1\Data\New 2023-11-13 13-58-43\020-P2-C9-8.3.D
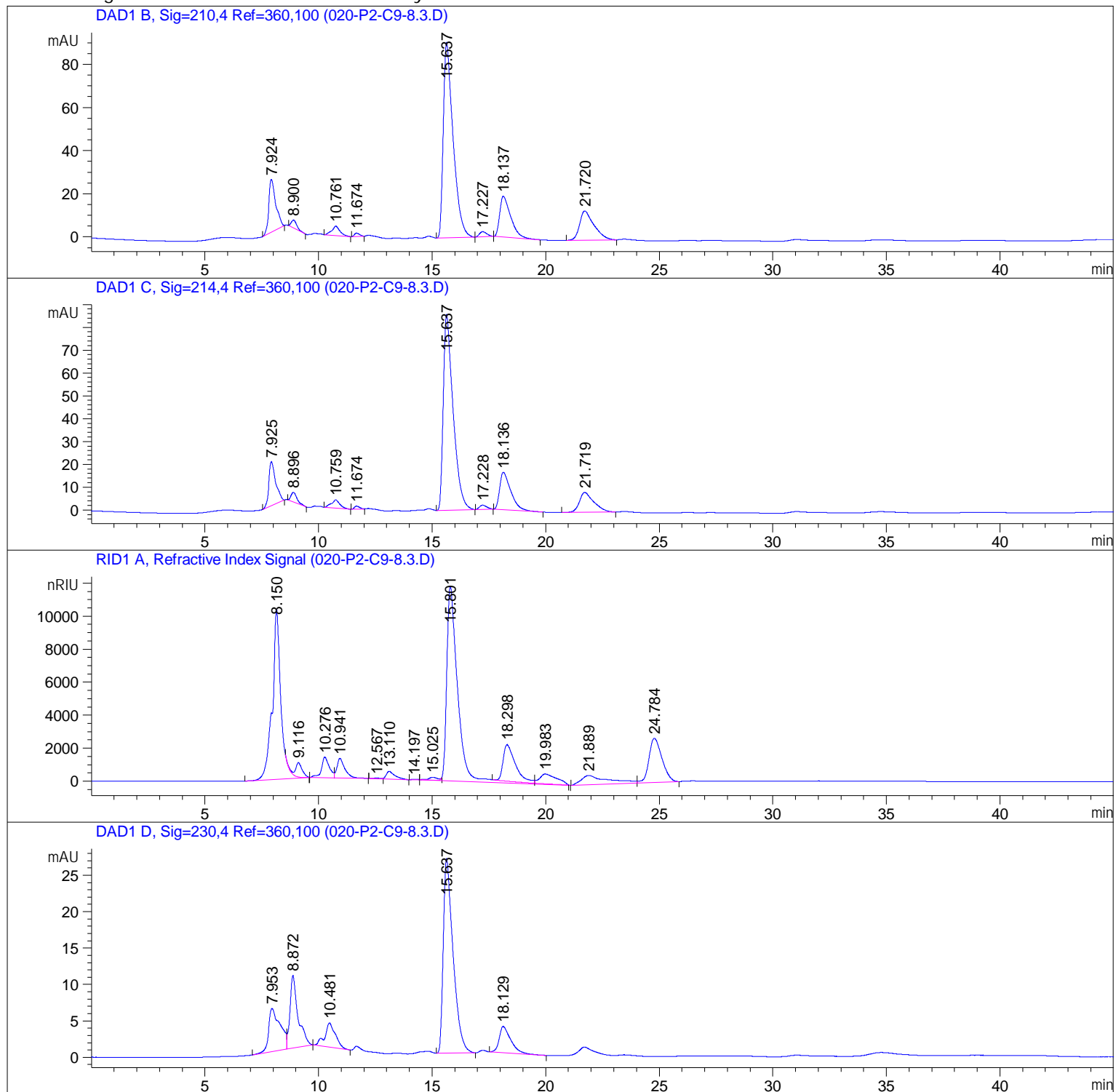
Sample Name: 8.3

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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
15.637	BB	2714.23608	6.56956e-4	1.78313		Lactic acid
18.137	BB	636.63873	9.16668e-4	5.83586e-1		Acetic acid
21.720	BB	591.50201	0.00000	0.00000		Propionic

Totals :   2.36672

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
12.567	BV E	751.75922	0.00000	0.00000		Fructose
24.784	VB	1.06498e5	8.09999e-6	8.62634e-1		Ethanol

Totals :   8.62634e-1

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

4 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), (Fructose)
Warning : Negative results set to zero (cal. curve intercept), (Propionic)


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

===
Calibration Curves
===
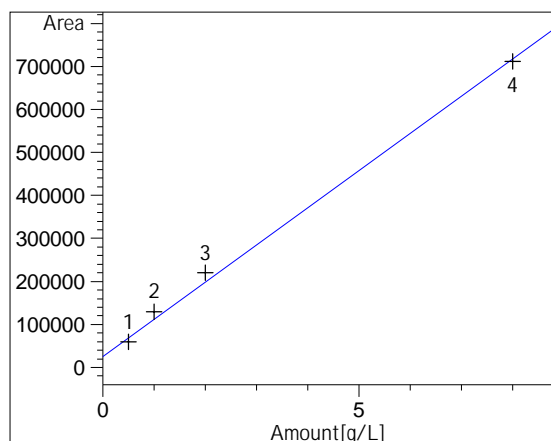

Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: y = mx + b
     m: 86671.29673
     b: 24839.01752
     x: Amount[g/L]
     y: Area
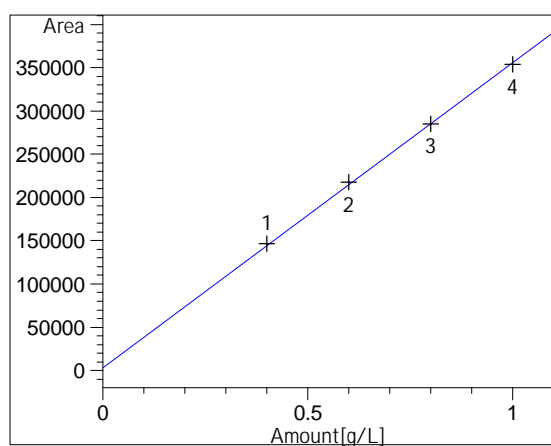
Glucose at exp. RT: 11.408
RID1 A, Refractive Index Signal
Correlation: 0.99981
Residual Std. Dev.: 3023.36360
Formula: y = mx + b
     m: 353737.16216
     b: 2639.18919
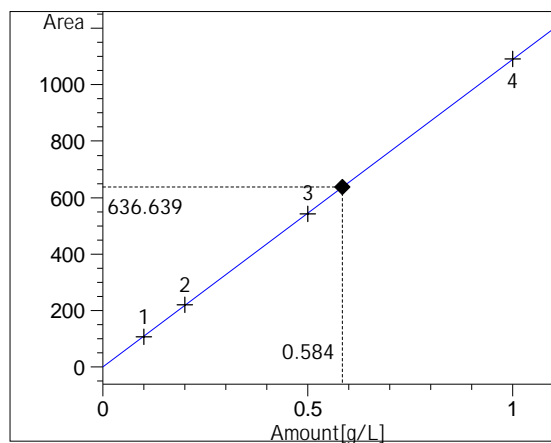   x: Amount[g/L]
     y: Area
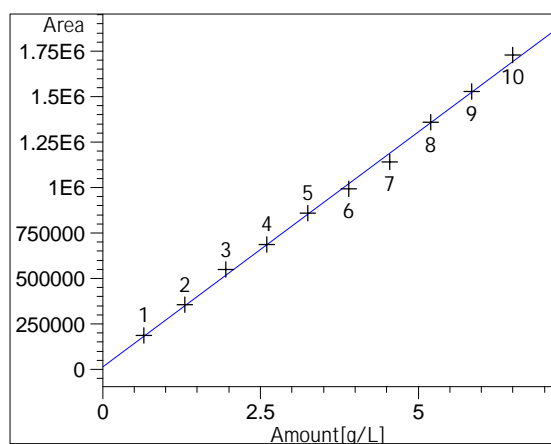
Fructose at exp. RT: 12.100
RID1 A, Refractive Index Signal
Correlation: 0.99909
Residual Std. Dev.: 25081.95145
Formula: y = mx + b
     m: 258721.41259
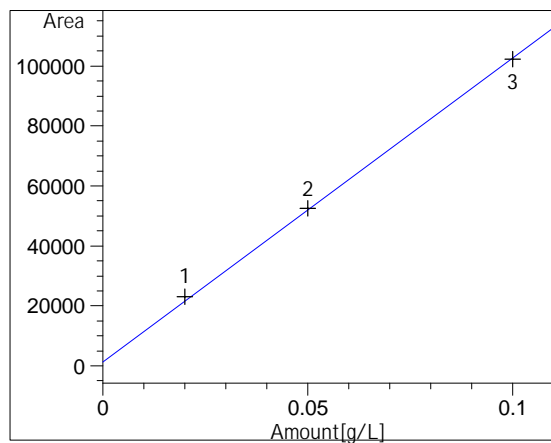   b: 12786.68182
     x: Amount[g/L]
     y: Area
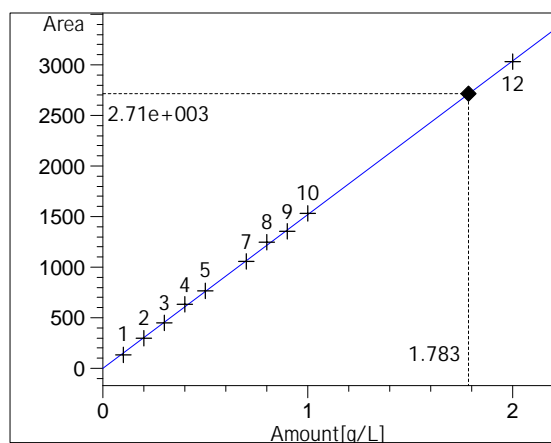
Lactic acid at exp. RT: 15.467
DAD1 B, Sig=210,4 Ref=360,100
Correlation: 0.99983
Residual Std. Dev.:   16.65547
Formula: y = mx + b
     m: 1521.64235
     b: 9.45650e-1
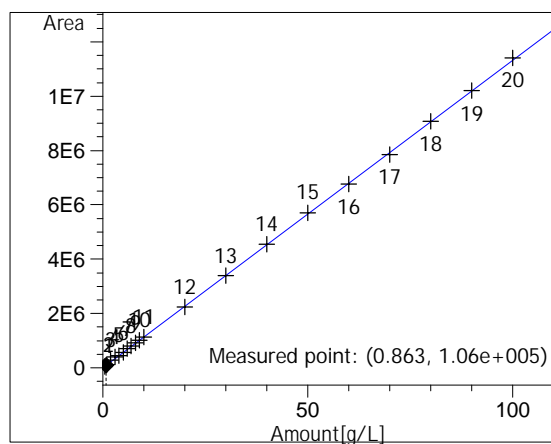   x: Amount[g/L]
     y: Area

Sample Name: 8.3

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 ***