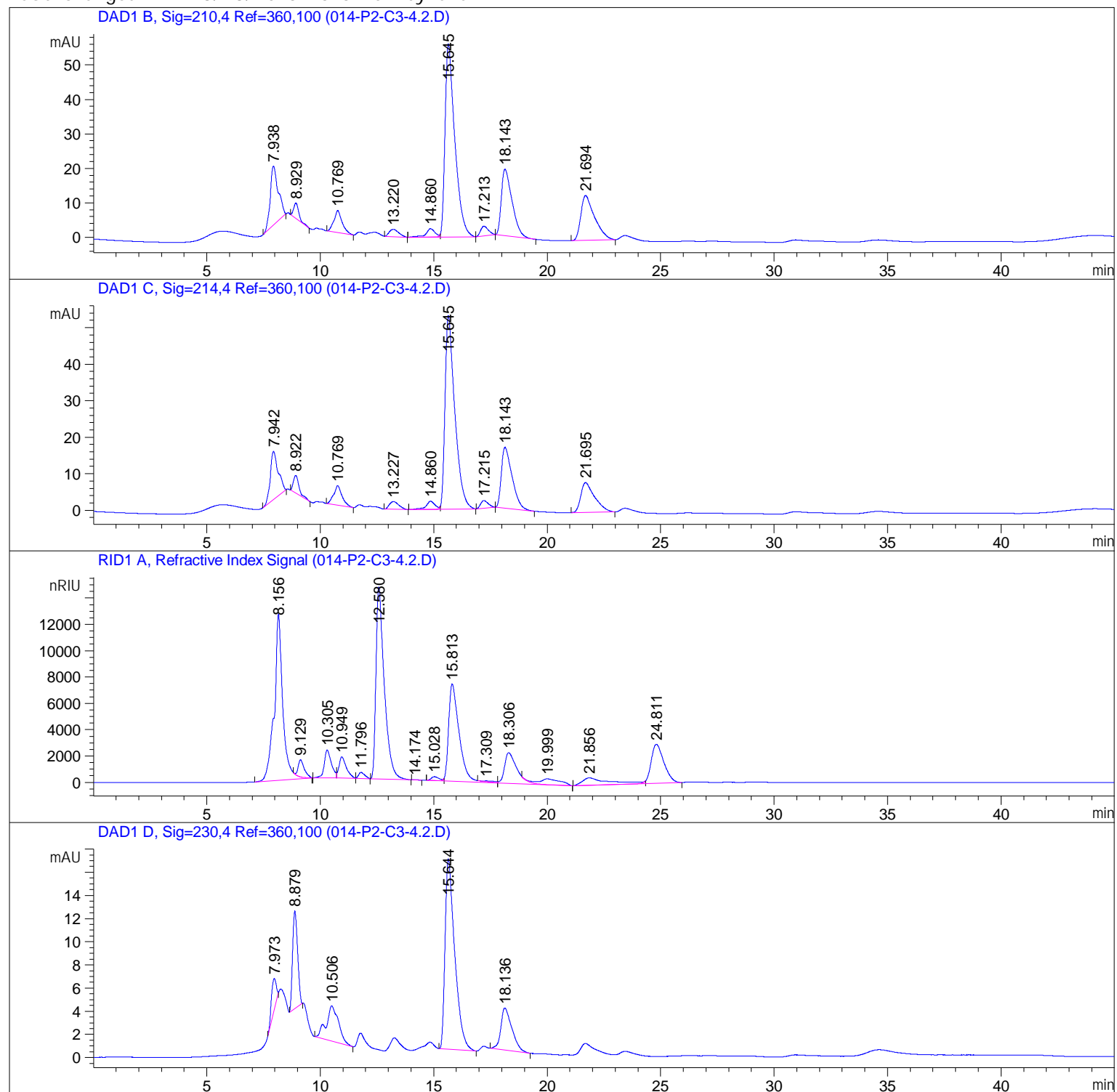


Sample Name: 4.2

=====

Acq. Operator	: SYSTEM	Seq. Line	: 14
Acq. Instrument	: HPLC-OXTLAB	Location	: P2-C-03
Injection Date	: 11/10/2023 04:40:39	Inj	: 1
		Inj Volume	: 20.000 µl
Sequence File	: C:\Chem32\1\Data\New 2023-11-09 18-39-57\New.S		
Method	: C:\Chem32\1\Data\New 2023-11-09 18-39-57\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	VB R	1675.34155	6.56814e-4	1.10039		Lactic acid
18.143	BB	632.63306	9.16674e-4	5.79918e-1		Acetic acid
21.694	BB	547.45477	0.00000	0.00000		Propionic

Totals : 1.68031

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
12.580	BB	3.70779e5	3.73187e-6	1.38370		Fructose
24.811	VB R	1.15823e5	8.15855e-6	9.44948e-1		Ethanol

Totals : 2.32864

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

3 Warnings or Errors :

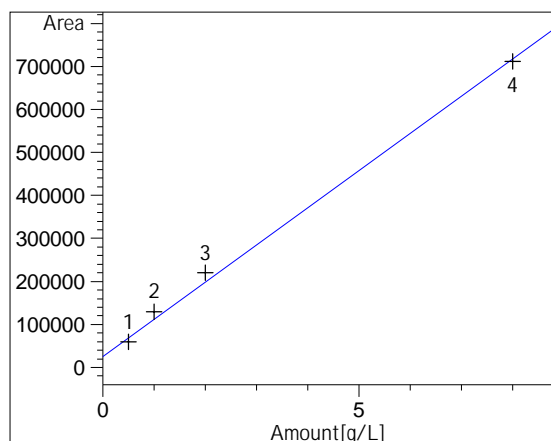
Warning : Calibration warnings (see calibration table listing)  
Warning : Calibrated compound(s) not found  
Warning : Negative results set to zero (cal. curve intercept), (Propionic)

Sample Name: 4.2

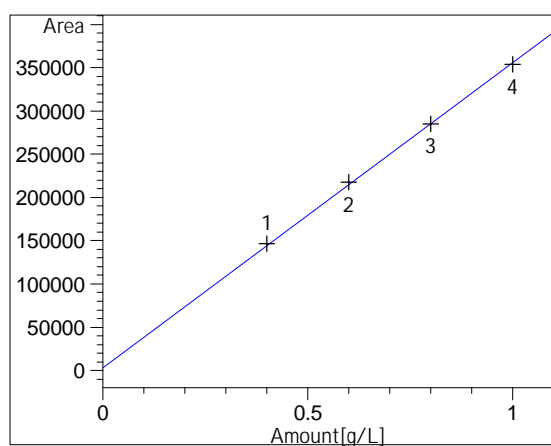
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Calibration Curves

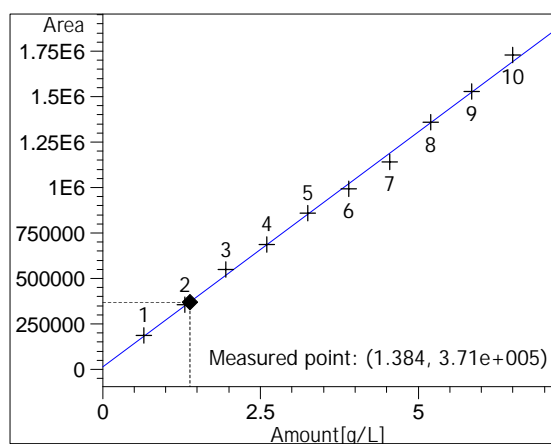
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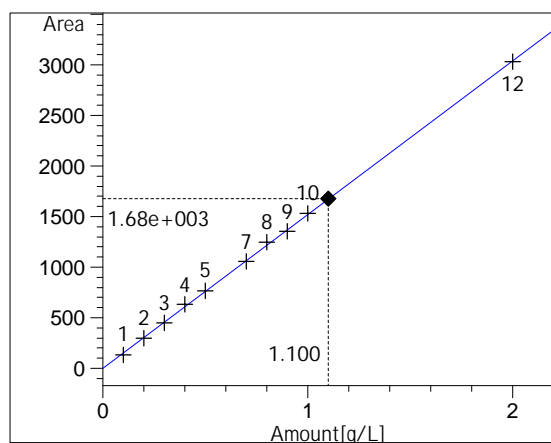
Succrose at exp. RT: 9.863  
 RID1 A, Refractive Index Signal  
 Correlation: 0.99759  
 Residual Std. Dev.: 22755.41185  
 Formula:  $y = mx + b$   
     m: 86671.29673  
     b: 24839.01752  
     x: Amount [g/L]  
     y: Area



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

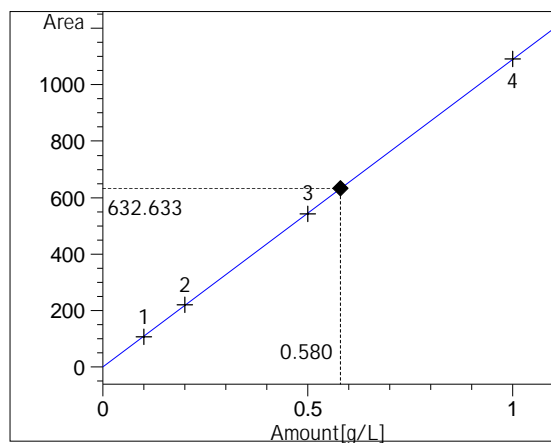


Fructose at exp. RT: 12.100  
 RID1 A, Refractive Index Signal  
 Correlation: 0.99909  
 Residual Std. Dev.: 25081.95145  
 Formula:  $y = mx + b$   
     m: 258721.41259  
     b: 12786.68182  
     x: Amount [g/L]  
     y: Area

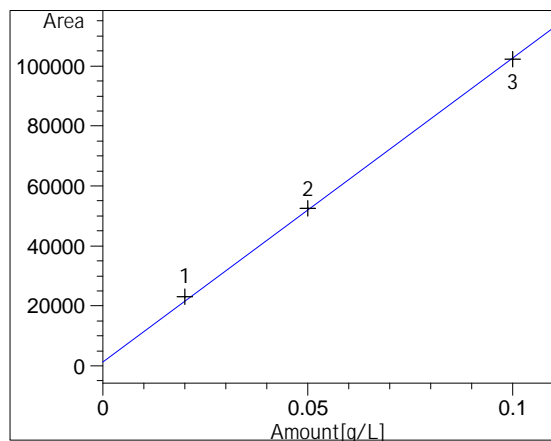


Lactic acid at exp. RT: 15.467  
 DAD1 B, Sig=210,4 Ref=360,100  
 Correlation: 0.99983  
 Residual Std. Dev.: 16.65547  
 Formula:  $y = mx + b$   
     m: 1521.64235  
     b: 9.45650e-1  
     x: Amount [g/L]  
     y: Area

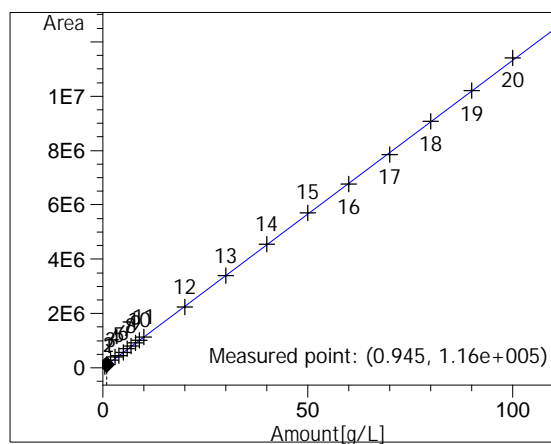
Sample Name: 4.2



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 \*\*\*