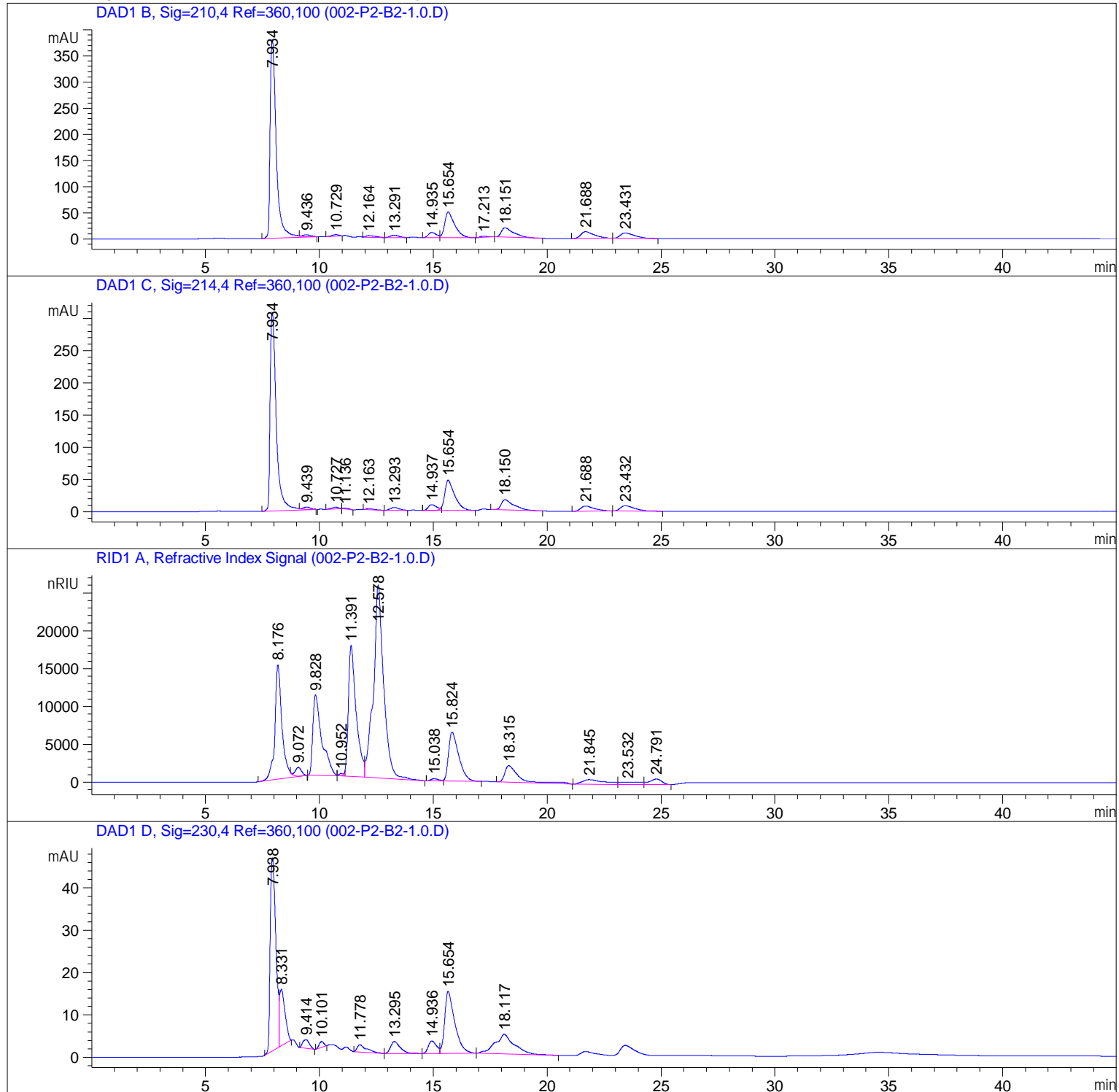


Sample Name: 1.0

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| | | | |
|-----------------|--|------------|-------------|
| Acq. Operator | : SYSTEM | Seq. Line | : 2 |
| Acq. Instrument | : HPLC-OXTLAB | Location | : P2-B-02 |
| Injection Date | : 11/9/2023 19:27:12 | 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 | | |



Sample Name: 1.0

```
=====
                        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 |
|------------------|------|-----------------|------------|-----------------|-----|-------------|
| 15.654 | VB | 1520.28406 | 6.56776e-4 | 9.98486e-1 | | Lactic acid |
| 18.151 | BB | 692.64069 | 9.16588e-4 | 6.34866e-1 | | Acetic acid |
| 21.688 | BB | 532.51270 | 0.00000 | 0.00000 | | Propionic |

Totals : 1.63335

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 |
|------------------|------|------------------|------------|-----------------|-----|----------|
| 9.828 | BB | 2.90306e5 | 1.05507e-5 | 3.06292 | | Sucrose |
| 11.391 | VV R | 4.13151e5 | 2.80890e-6 | 1.16050 | | Glucose |
| 12.578 | VB | 8.02377e5 | 3.80357e-6 | 3.05189 | | Fructose |
| 24.791 | VB | 2.71319e4 | 5.97228e-6 | 1.62039e-1 | | Ethanol |

Totals : 7.43736

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

2 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)

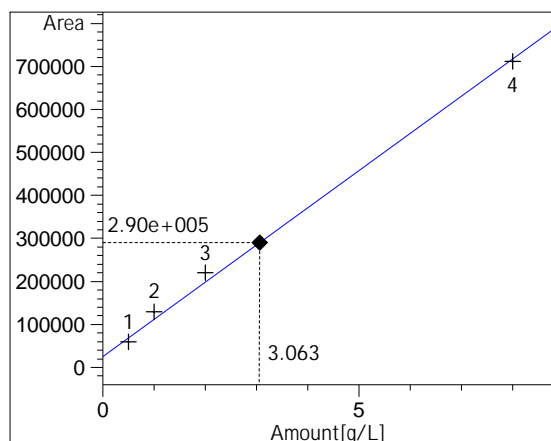
Warning : Negative results set to zero (cal. curve intercept), (Propionic)

Sample Name: 1.0

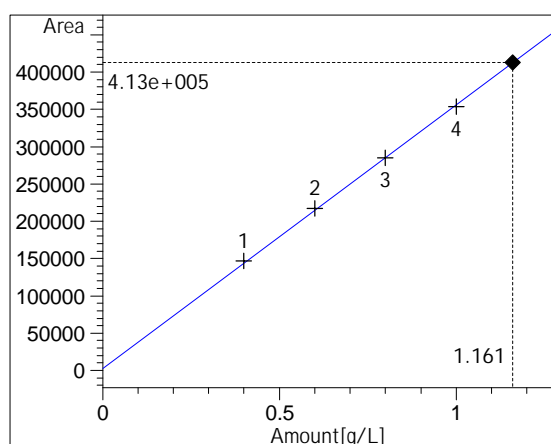
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Calibration Curves

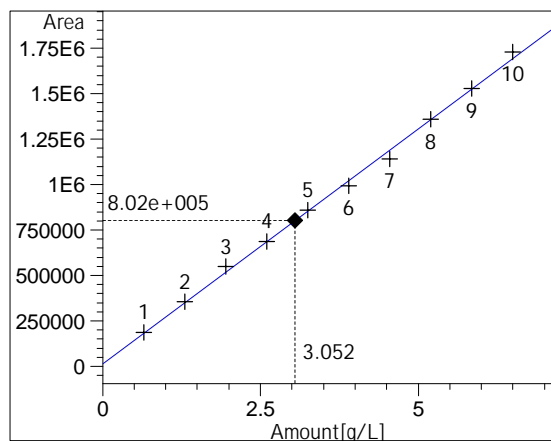
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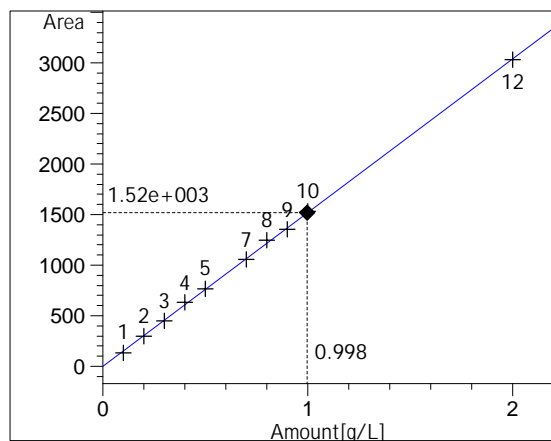
Succrose at exp. RT: 9.863
 RID1 A, Refractive Index Signal
 Correlation: 0.99759
 Residual Std. Dev.: 22755.41185
 Formula: $y = mx + b$
 m: 86671.29673
 b: 24839.01752
 x: Amount[g/L]
 y: Area



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

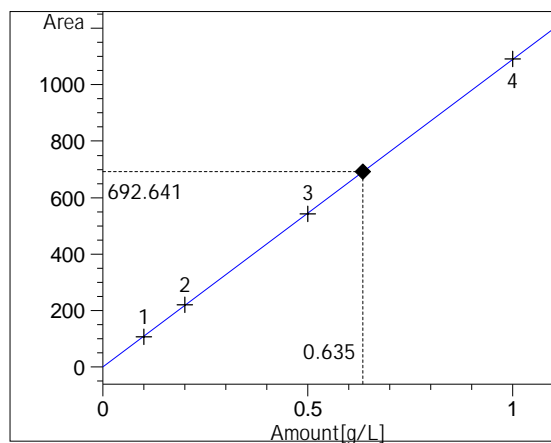


Fructose at exp. RT: 12.100
 RID1 A, Refractive Index Signal
 Correlation: 0.99909
 Residual Std. Dev.: 25081.95145
 Formula: $y = mx + b$
 m: 258721.41259
 b: 12786.68182
 x: Amount[g/L]
 y: Area

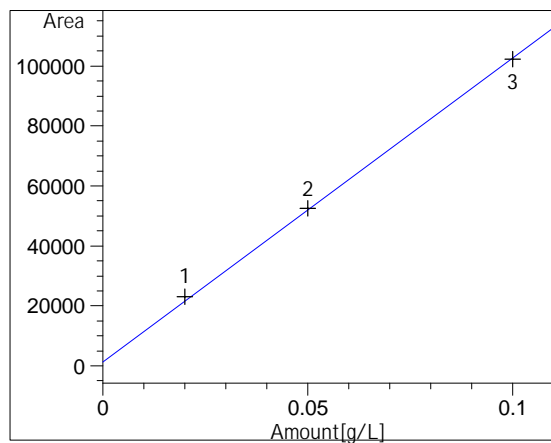


Lactic acid at exp. RT: 15.467
 DAD1 B, Sig=210,4 Ref=360,100
 Correlation: 0.99983
 Residual Std. Dev.: 16.65547
 Formula: $y = mx + b$
 m: 1521.64235
 b: 9.45650e-1
 x: Amount[g/L]
 y: Area

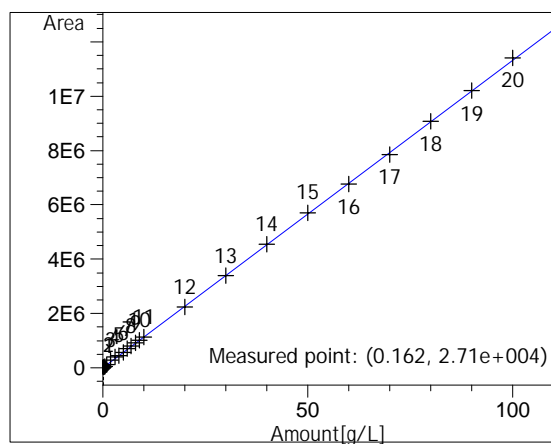
Sample Name: 1.0



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 ***