

**REVIEWED**

By Tamara Salazar at 12:01 pm, Sep 15, 2023

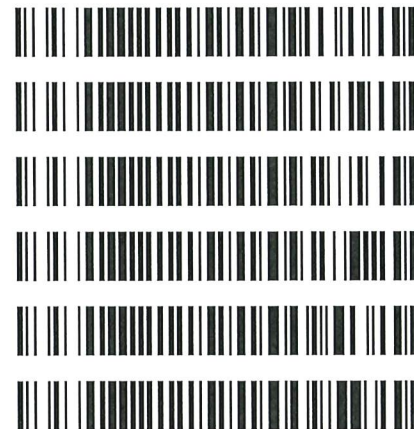
9/14/2023

**Worklist: 6495**

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u>    |   |
|-----------------|-------------|------------------|-----------------------|---|
| P2023-2645      | 1           | BCK              | Alcohol Analysis      |    |
| P2023-2699      | 1           | BCK              | Alcohol Analysis      |    |
| P2023-2707      | 1           | BCK              | Alcohol Analysis      |    |
| P2023-2708      | 1           | BCK              | Alcohol Analysis      |    |
| P2023-2709      | 1           | BCK              | Alcohol Analysis      |    |
| P2023-2710      | 1           | BCK              | Alcohol Analysis      |    |
| P2023-2712      | 1           | BCK              | Alcohol Analysis      |    |
| P2023-2740      | 1           | BCK              | Alcohol Analysis      |    |
| P2023-2766      | 1           | BCK              | Alcohol Analysis      |    |
| P2023-2779      | 1           | BCK              | Alcohol Analysis      |   |
| P2023-2781      | 1           | BCK              | Alcohol Analysis      |  |
| P2023-2783      | 1           | BCK              | Alcohol Analysis      |  |
| P2023-2785      | 1           | BCK              | Alcohol Analysis      |  |
| P2023-2793      | 1           | BCK              | Alcohol Analysis      |  |
| P2023-2799      | 1           | BCK              | BATS Proficiency Test |  |
| P2023-2799      | 2           | BCK              | BATS Proficiency Test |  |
| P2023-2799      | 3           | BCK              | BATS Proficiency Test |  |
| P2023-2799      | 4           | BCK              | BATS Proficiency Test |  |
| P2023-2800      | 1           | BCK              | Alcohol Analysis      |  |
| P2023-2820      | 1           | BCK              | Alcohol Analysis      |  |
| P2023-2821      | 1           | BCK              | Alcohol Analysis      |  |

**Worklist: 6495**

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> |
|-----------------|-------------|------------------|--------------------|
| P2023-2823      | 1           | BCK              | Alcohol Analysis   |
| P2023-2825      | 1           | BCK              | Alcohol Analysis   |
| P2023-2826      | 1           | BCK              | Alcohol Analysis   |
| P2023-2827      | 1           | BCK              | Alcohol Analysis   |
| P2023-2841      | 1           | BCK              | Alcohol Analysis   |
| P2023-2842      | 1           | BCK              | Alcohol Analysis   |



*RC*

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600GB9897

Volatiles Quality Assurance Controls Run Date(s): 09/14/2023

Calibration Date: (if different):

Worklist #: 6495

| Control level            | Expiration | Lot #    | Target Value | Acceptable Range | Overall Results |
|--------------------------|------------|----------|--------------|------------------|-----------------|
| Level 1                  | Oct-26     | 2209047  | 0.0877       | 0.0789-0.0964    | 0.0821 g/100cc  |
|                          |            |          |              |                  | 0.0878 g/100cc  |
| Level 2                  | Mar-26     | 2110181  | 0.2030       | 0.1827-0.2233    | 0.2046 g/100cc  |
|                          |            |          |              |                  | 0.2114 g/100cc  |
| Multi-Component mixture: |            | Exp:     | 2024 October | Lot #            | FN06041902 OK   |
| Curve Fit:               |            | Column 1 | Column 1     | Column 2         | 0.99995         |
|                          |            |          |              |                  | 0.99992         |

Ethanol Calibration Reference Material

| Calibrator level | Target Value | Acceptable Range | Column 1 | Column 2 | Precision | Mean    |
|------------------|--------------|------------------|----------|----------|-----------|---------|
| 50               | 0.050        | 0.045 - 0.055    | 0.0509   | 0.0515   | 0.0006    | 0.0512  |
| 100              | 0.100        | 0.090 - 0.110    | 0.1005   | 0.1003   | 0.0002    | 0.1004  |
| 200              | 0.200        | 0.180 - 0.220    | 0.1987   | 0.1982   | 0.0005    | 0.1984  |
| 300              | 0.300        | 0.270 - 0.330    | 0.2987   | 0.2983   | 0.0004    | 0.2985  |
| 400              | 0.400        | 0.360 - 0.440    |          |          | 0         | #DIV/0! |
| 500              | 0.500        | 0.450 - 0.550    | 0.5010   | 0.5014   | 0.0004    | 0.5012  |

Aqueous Controls

| Control level | Target Value | Acceptable Range | Overall Results |
|---------------|--------------|------------------|-----------------|
| 80            | 0.080        | 0.076 - 0.084    | 0.081 g/100cc   |

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

**Internal Standard Monitoring Worksheet**

**Worksheet #:** 6495      **Run Date(s):** 09/14/2023

**Internal Standard Solution:**      **Prep Date:** 8/16/2023      **Exp Date:** 2/16/2024

| Sample Name | Column 1 Value | Column 2 Value |
|-------------|----------------|----------------|
| 0.080       | 129441         | 132626         |
| 0.080       | 129910         | 133487         |
| QC1         | 131843         | 135471         |
| QC1         | 130644         | 134060         |
| QC1         | 134143         | 138116         |
| QC1         | 134309         | 138199         |
| QC1         |                |                |
| QC1         |                |                |
| QC2         | 129965         | 133755         |
| QC2         | 131051         | 134992         |
| QC2         | 141879         | 145632         |
| QC2         | 142682         | 146444         |
| QC2         |                |                |
| QC2         |                |                |

|          | Average  | (-)20%   | (+)20%   |
|----------|----------|----------|----------|
| Column 1 | 133586.7 | 106869.4 | 160304.0 |
| Column 2 | 137278.2 | 109822.6 | 164733.8 |

Revision: 5

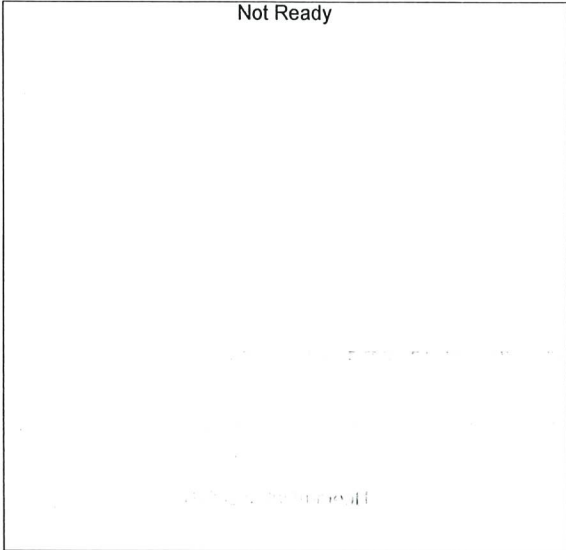
Issue Date: 07/05/2022

Issuing Authority: Quality Manager

# Calibration Table

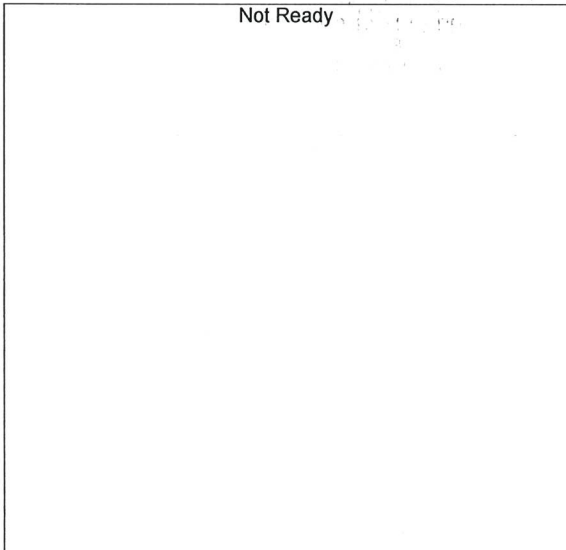
Laboratory: Pocatello  
 Instrument Name : G1KG333-Instrument1

<<Data File>>  
 Method File :Default Project - ALCOHOL\_09142023\_rc.gcm  
 Batch File :Default Project - BATCH\_09142023\_RC.gcb  
 Date Acquired :9/14/2023 12:31:55 PM  
 Date Created :9/14/2023 12:28:26 PM  
 Date Modified :9/15/2023 7:48:47 AM



Name : METHANOL  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

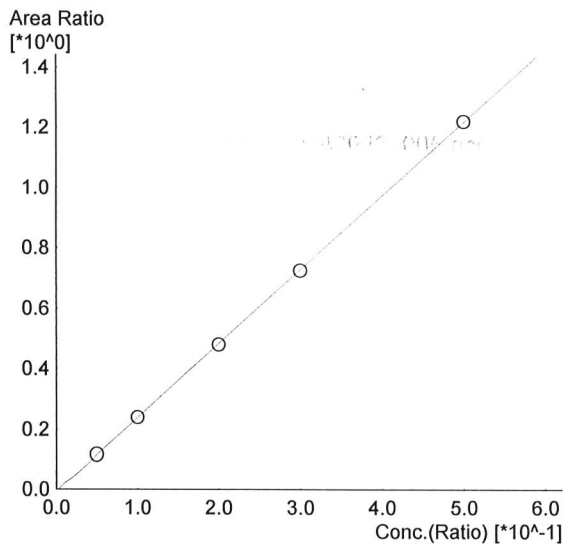
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|



Name : ACETALDEHYDE  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

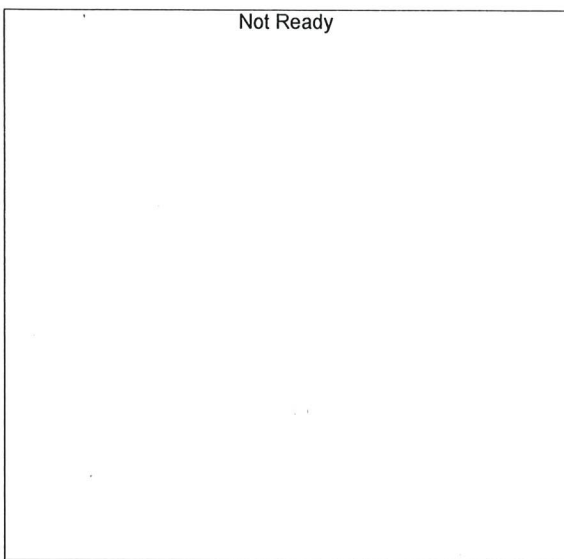
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

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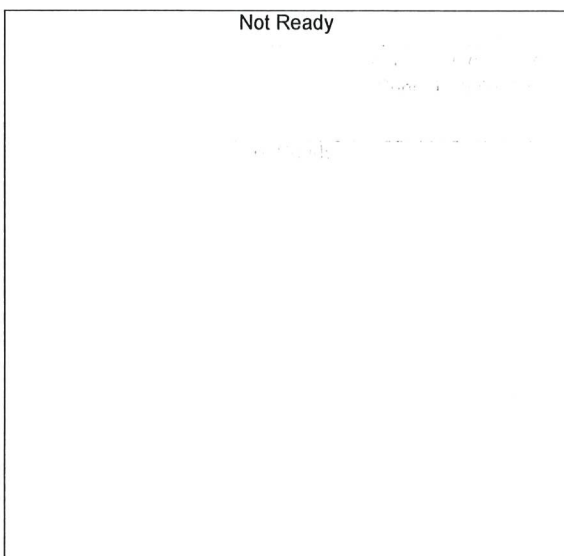
Name : ETHANOL  
 Detector Name: FID1  
 Function :  $f(x)=2.44635*x-0.00641423$   
 R<sup>2</sup> value= 0.9999576 ✓  
 FitType: Linear  
 ZeroThrough: Not Through

| # | Conc. | Area   | Std. Conc. | Data File Name        |
|---|-------|--------|------------|-----------------------|
| 1 | 0.050 | 15193  | 0.0509     | 0.050_9142023_001.gcd |
| 2 | 0.100 | 31088  | 0.1005     | 0.100_9142023_002.gcd |
| 3 | 0.200 | 63085  | 0.1987     | 0.200_9142023_003.gcd |
| 4 | 0.300 | 95738  | 0.2987     | 0.300_9142023_004.gcd |
| 5 | 0.500 | 161786 | 0.5010     | 0.500_9142023_005.gcd |



Name : ISOPROPYL ALCOHOL  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|



Name : ACETONE  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

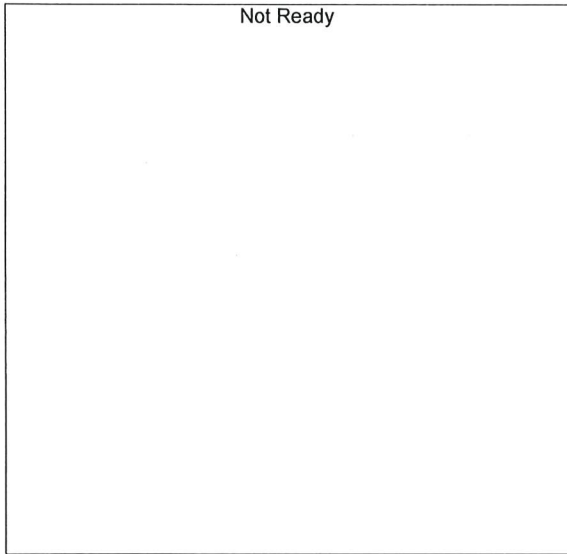
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

*RC*



Name : DFE  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|



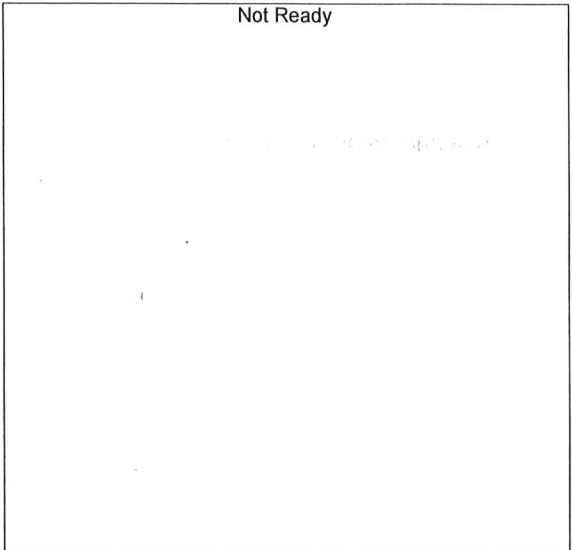
Name : TFE  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|



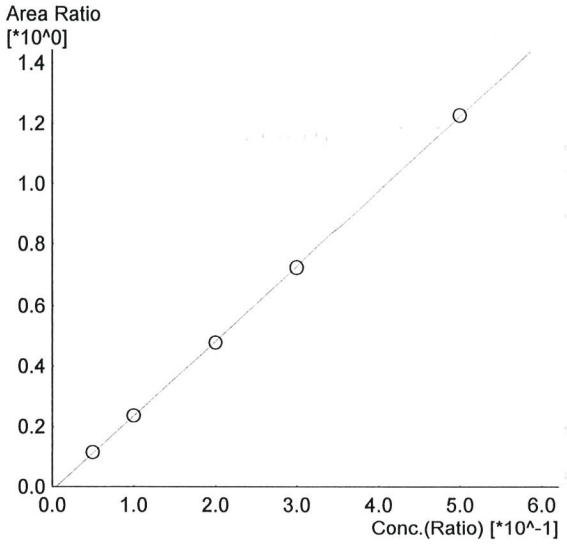
Name : ACETALDEHYDE  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|



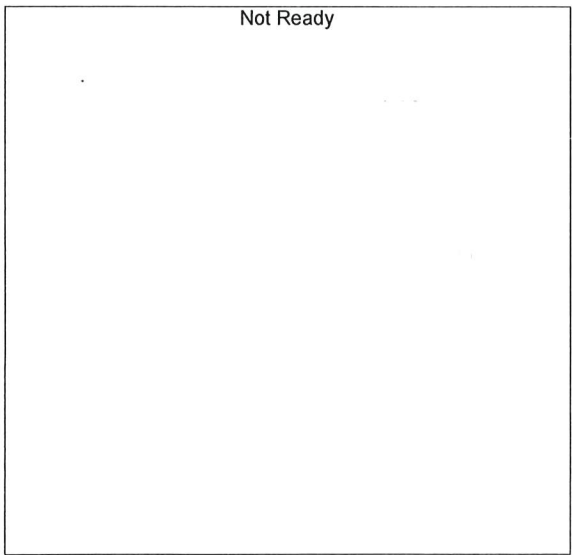
Name : METHANOL  
 Detector Name: FID2  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|



Name : ETHANOL  
 Detector Name: FID2  
 Function :  $f(x)=2.47508*x-0.0125432$   
 R<sup>2</sup> value= 0.9999203 ✓  
 FitType: Linear  
 ZeroThrough: Not Through

| # | Conc. | Area   | Std. Conc. | Data File Name        |
|---|-------|--------|------------|-----------------------|
| 1 | 0.050 | 15147  | 0.0515     | 0.050_9142023_001.gcd |
| 2 | 0.100 | 31380  | 0.1003     | 0.100_9142023_002.gcd |
| 3 | 0.200 | 64422  | 0.1982     | 0.200_9142023_003.gcd |
| 4 | 0.300 | 98116  | 0.2983     | 0.300_9142023_004.gcd |
| 5 | 0.500 | 166872 | 0.5014     | 0.500_9142023_005.gcd |



Name : ACETONE  
 Detector Name: FID2  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

AC



Not Ready

Name : ISOPROPYL ALCOHOL  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

Not Ready

Name : DFE  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

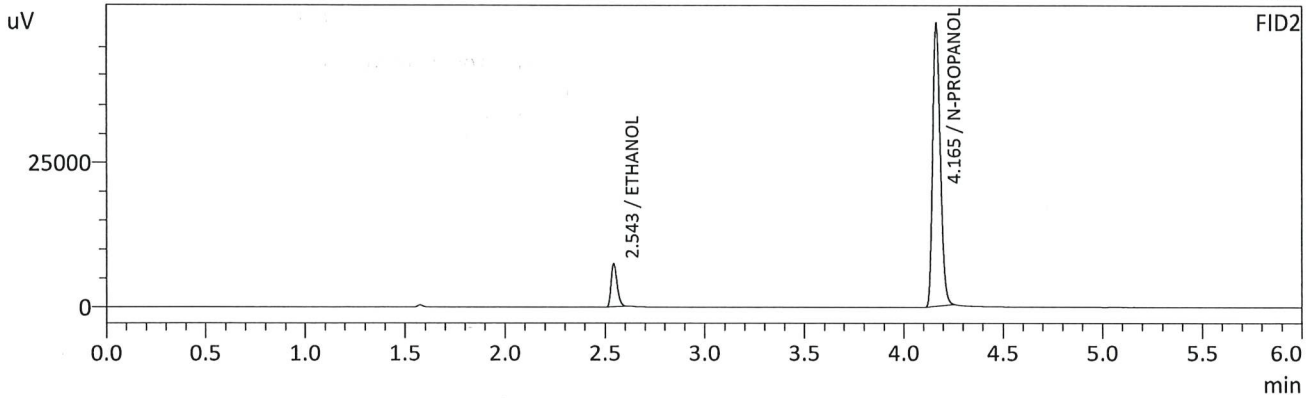
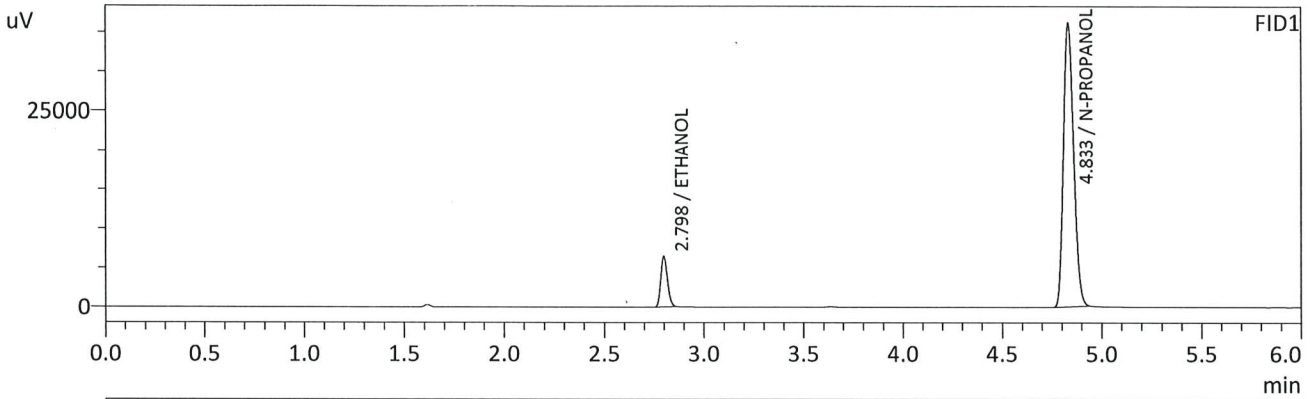
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

Not Ready

Name : TFE  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

Sample Name : 0.050  
 Vial # : 1  
 Data Filename : 0.050\_9142023\_001.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 11:53:48 AM  
 Date Processed : 9/15/2023 7:48:30 AM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

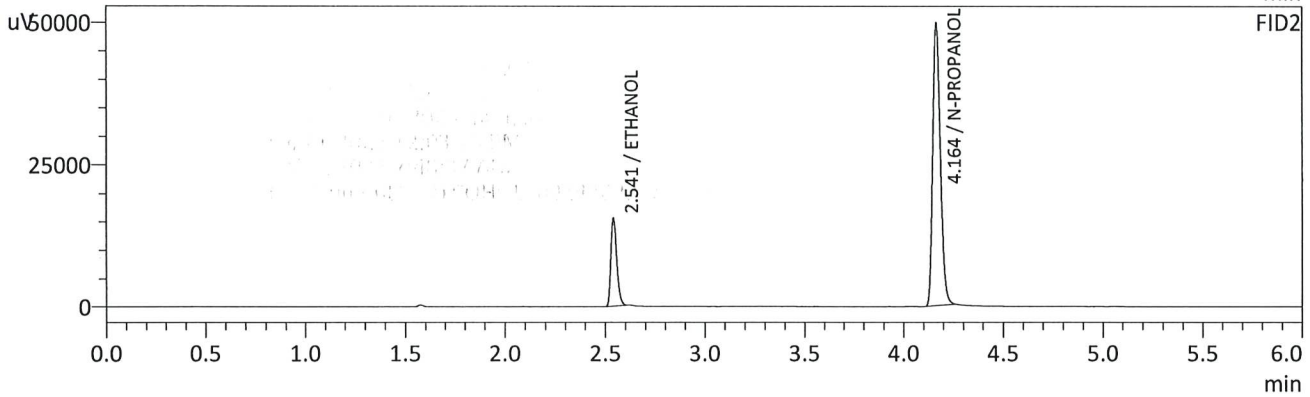
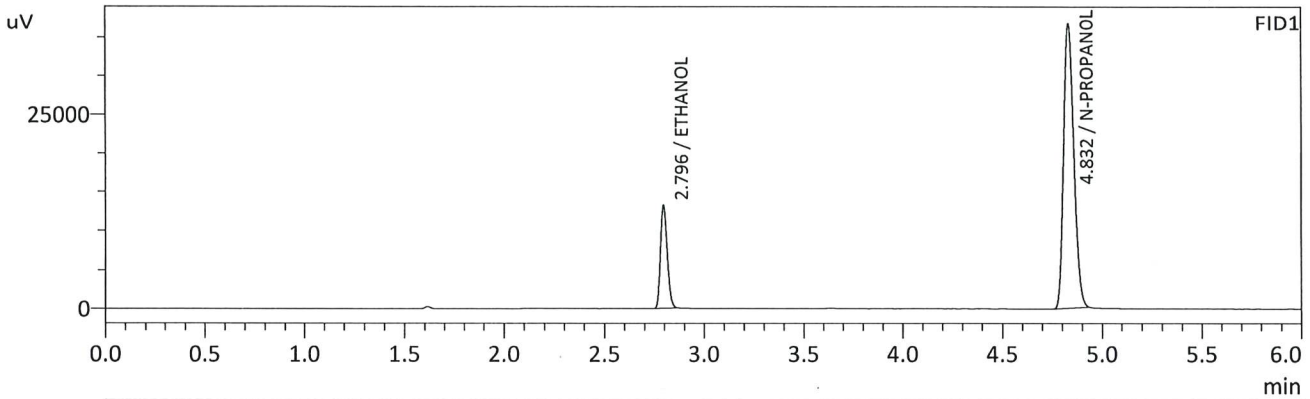
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0509 | g/100cc | 15193  | 6409   |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 128509 | 36178  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0515 | g/100cc | 15147  | 7369   |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 131626 | 49058  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC

Sample Name : 0.100  
 Vial # : 2  
 Data Filename : 0.100\_9142023\_002.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 12:03:18 PM  
 Date Processed : 9/15/2023 7:48:37 AM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



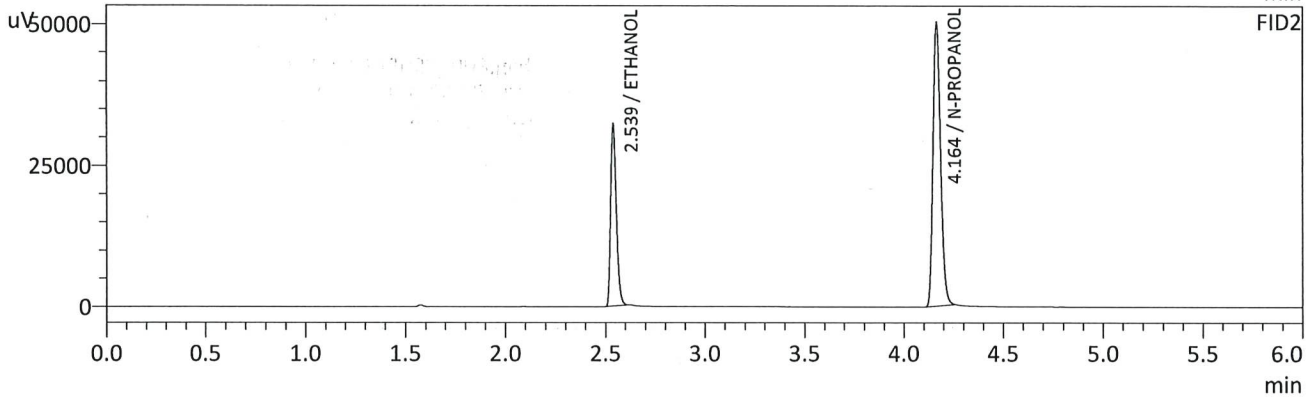
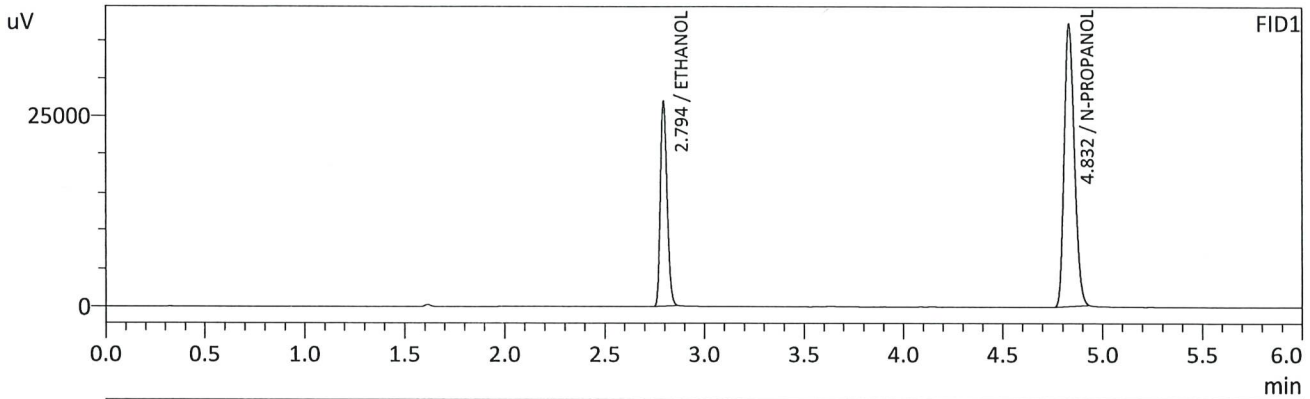
FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.1005 | g/100cc | 31088  | 13052  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 129834 | 36799  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.1003 | g/100cc | 31380  | 15494  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 133071 | 49589  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

Sample Name : 0.200  
 Vial # : 3  
 Data Filename : 0.200\_9142023\_003.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 12:12:39 PM  
 Date Processed : 9/15/2023 7:48:40 AM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

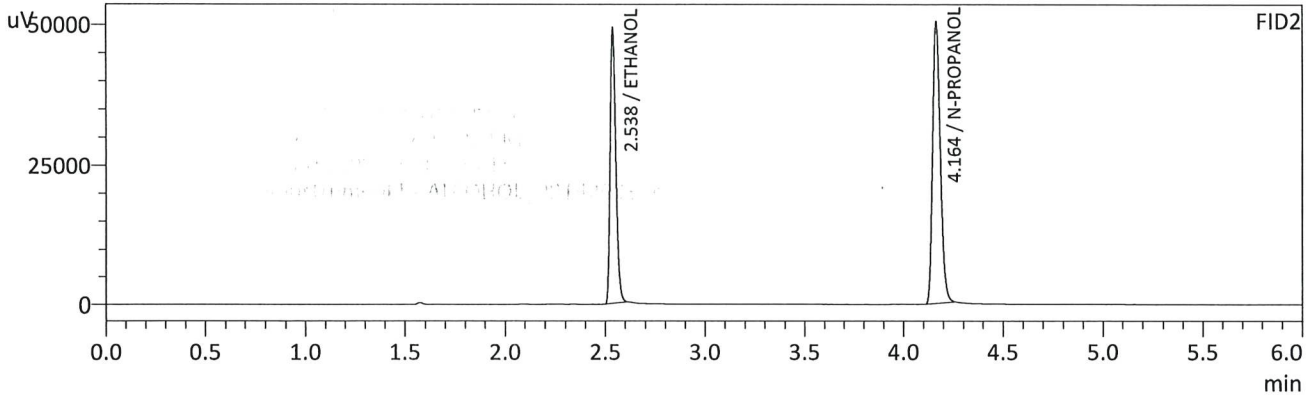
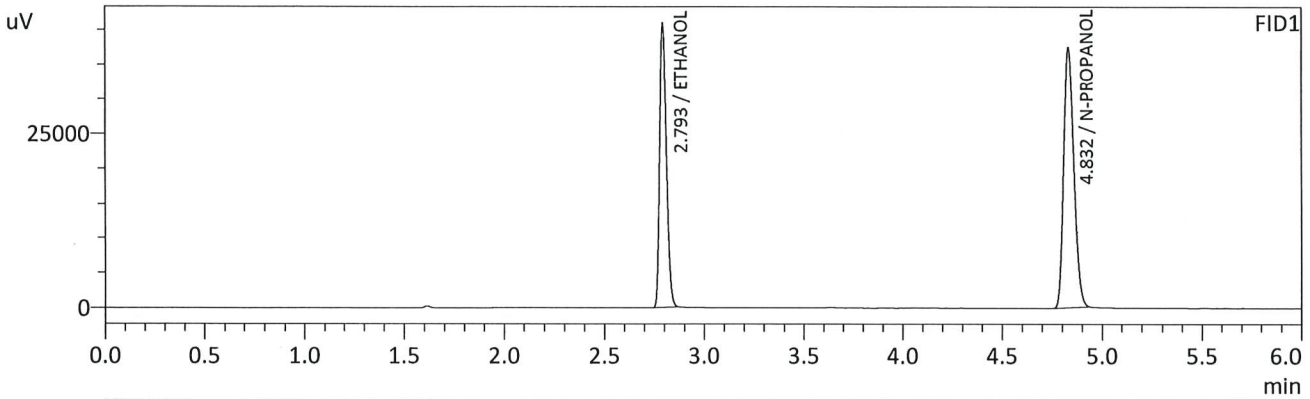
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.1987 | g/100cc | 63085  | 26823  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 131482 | 37239  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.1982 | g/100cc | 64422  | 31613  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 134712 | 50159  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

*JRC*

Sample Name : 0.300  
 Vial # : 4  
 Data Filename : 0.300\_9142023\_004.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 12:22:23 PM  
 Date Processed : 9/15/2023 7:48:43 AM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

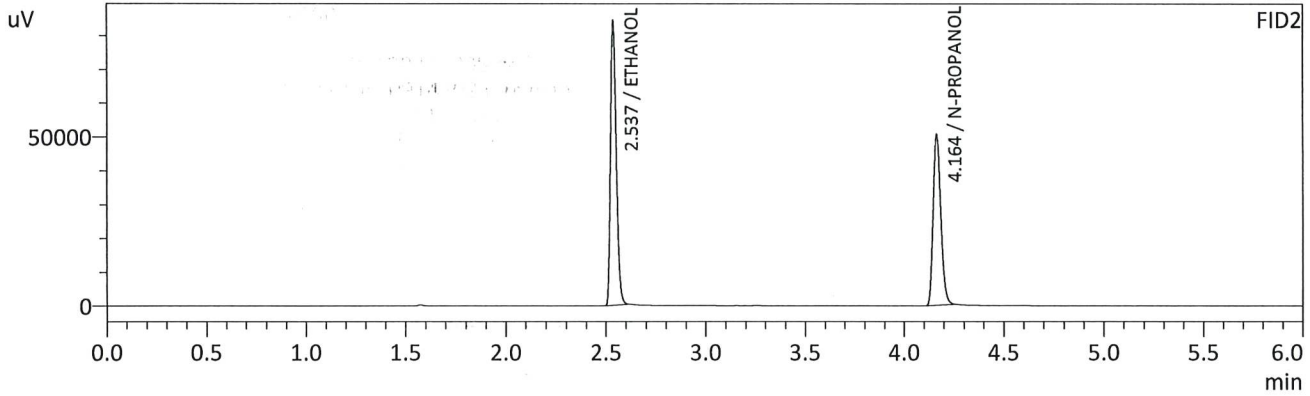
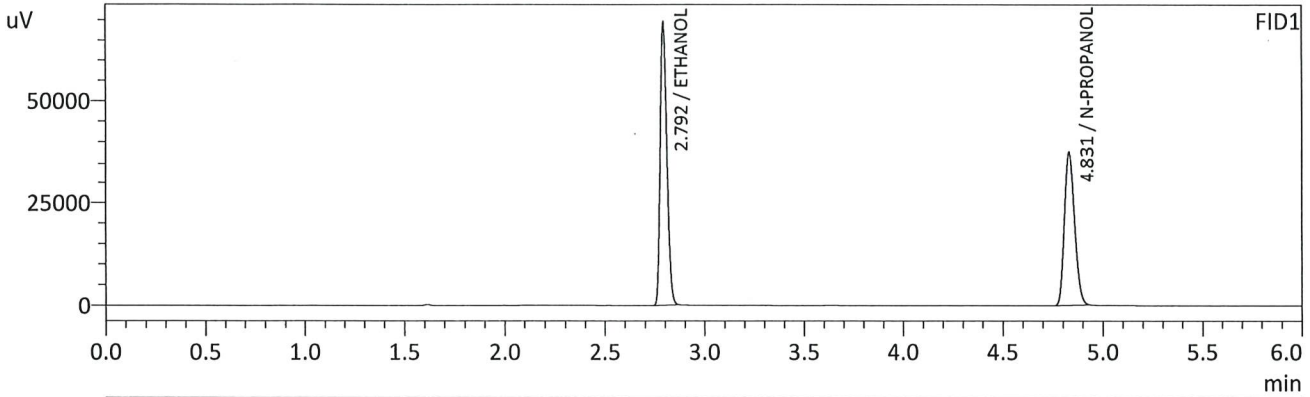
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2987 | g/100cc | 95738  | 40836  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 132160 | 37382  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2983 | g/100cc | 98116  | 48890  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 135152 | 50253  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

*Handwritten signature*

Sample Name : 0.500  
 Vial # : 5  
 Data Filename : 0.500\_9142023\_005.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 12:31:55 PM  
 Date Processed : 9/15/2023 7:48:47 AM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

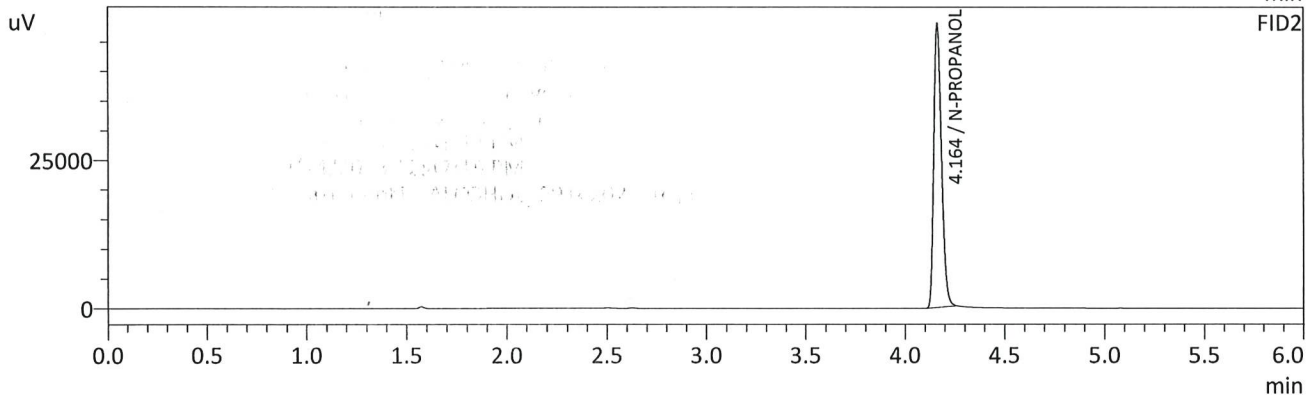
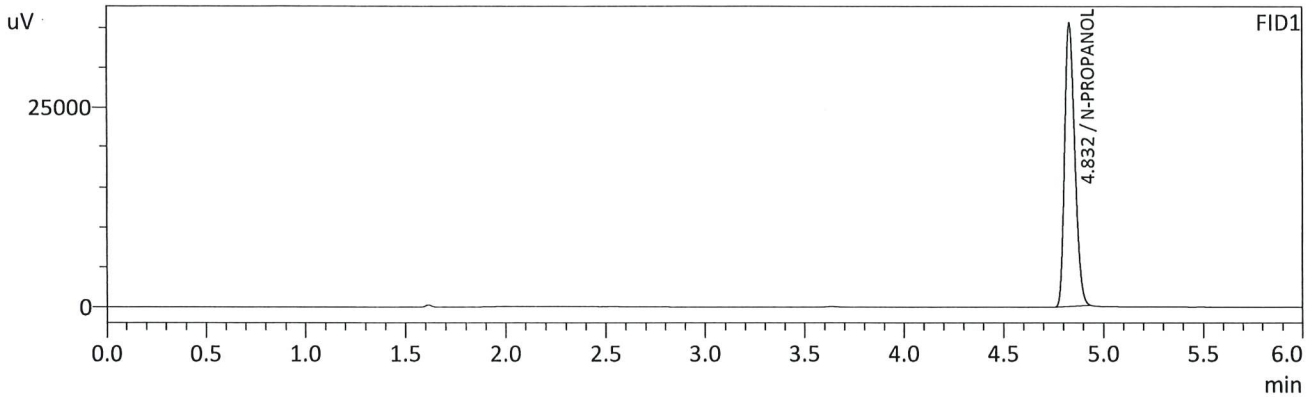
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.5010 | g/100cc | 161786 | 69174  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 132681 | 37539  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.5014 | g/100cc | 166872 | 83988  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 135828 | 50420  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

*JAC*

Sample Name : INT STD BLK 1  
 Vial # : 6  
 Data Filename : INT STD BLK 1\_9142023\_006.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 12:41:14 PM  
 Date Processed : 9/14/2023 12:47:15 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

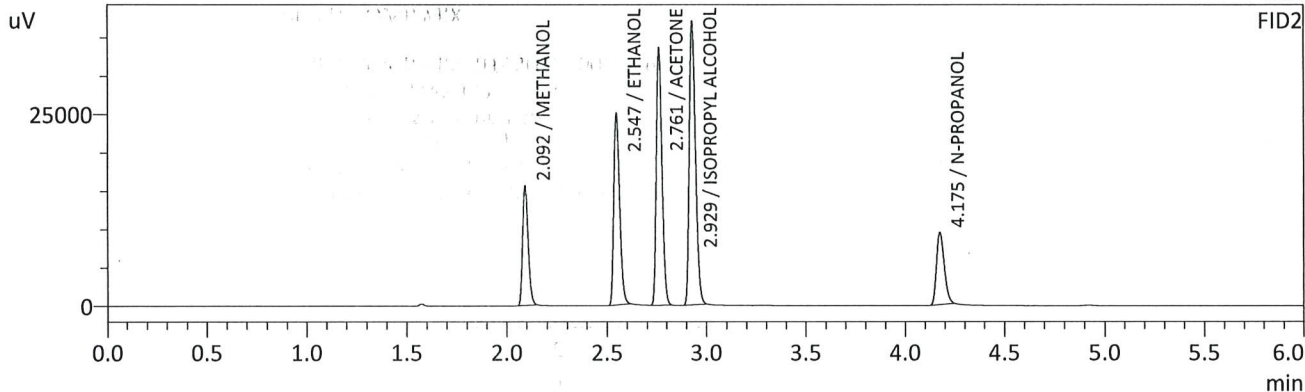
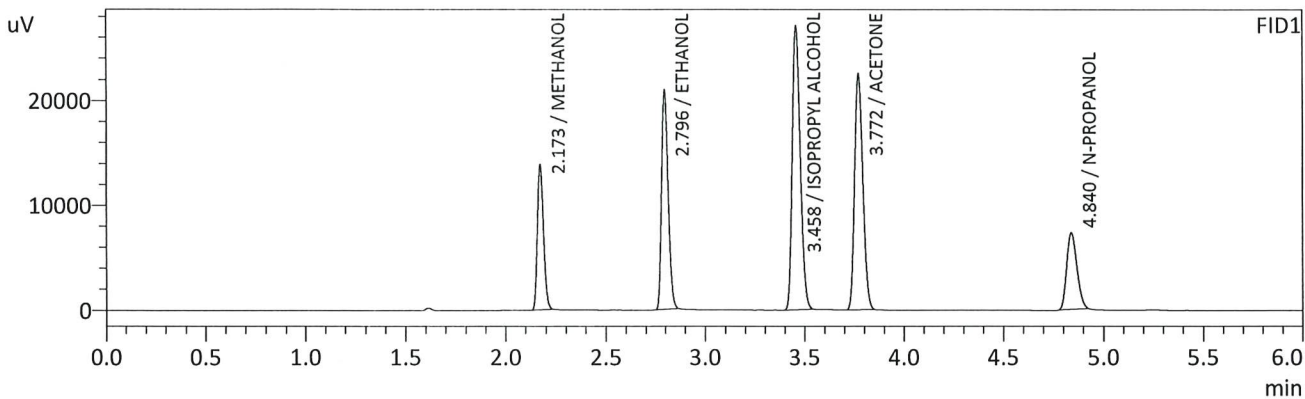
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 125267 | 35539  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 128556 | 47817  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

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Sample Name : MULTI-COMP MIX  
 Vial # : 7  
 Data Filename : MULTI-COMP MIX\_9142023\_007.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 12:50:58 PM  
 Date Processed : 9/14/2023 12:57:00 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

| Name              | Conc.  | Unit    | Area  | Height |
|-------------------|--------|---------|-------|--------|
| METHANOL          | 0.0000 | g/100cc | 28821 | 13834  |
| ACETALDEHYDE      | --     | g/100cc | --    | --     |
| ETHANOL           | 0.7847 | g/100cc | 49278 | 20742  |
| ISOPROPYL ALCOHOL | 0.0000 | g/100cc | 76223 | 26942  |
| ACETONE           | 0.0000 | g/100cc | 65026 | 22403  |
| N-PROPANOL        | 0.0000 | g/100cc | 25755 | 7304   |
| DFE               | --     | g/100cc | --    | --     |
| TFE               | --     | g/100cc | --    | --     |

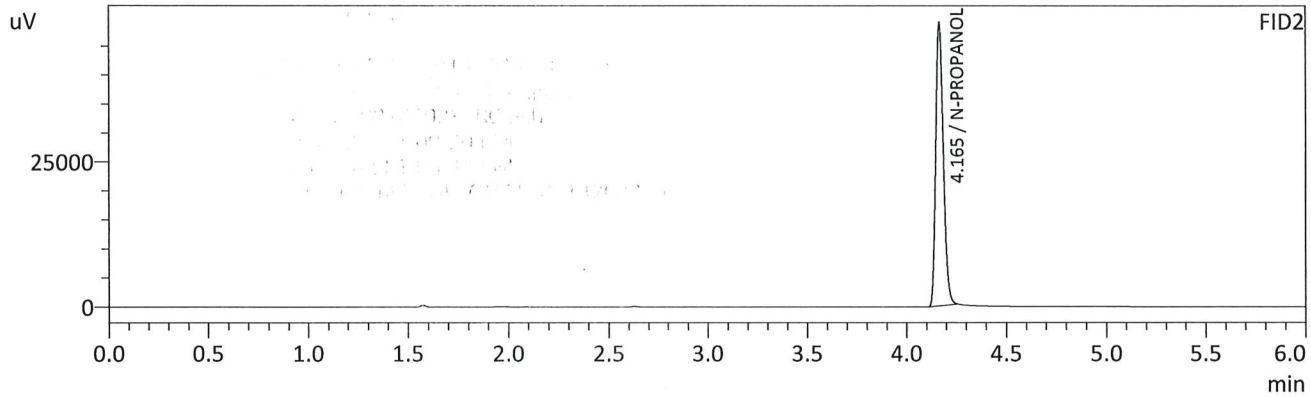
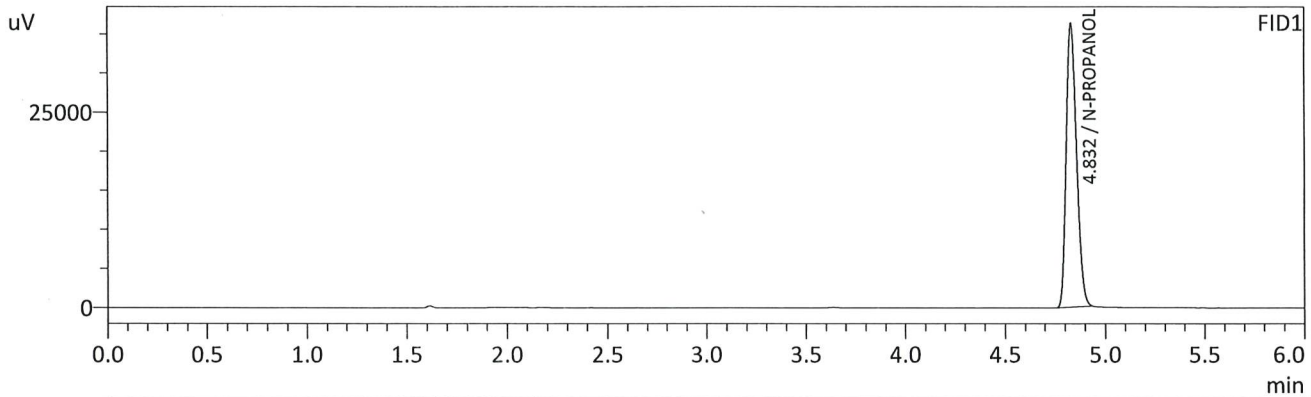
FID2

| Name              | Conc.  | Unit    | Area  | Height |
|-------------------|--------|---------|-------|--------|
| ACETALDEHYDE      | --     | g/100cc | --    | --     |
| METHANOL          | 0.0000 | g/100cc | 30027 | 15519  |
| ETHANOL           | 0.8039 | g/100cc | 50663 | 24957  |
| ACETONE           | 0.0000 | g/100cc | 67942 | 33510  |
| ISOPROPYL ALCOHOL | 0.0000 | g/100cc | 78728 | 36922  |
| N-PROPANOL        | 0.0000 | g/100cc | 25623 | 9471   |
| DFE               | --     | g/100cc | --    | --     |
| TFE               | --     | g/100cc | --    | --     |

*RC*



Sample Name : INT STD BLK 2  
 Vial # : 8  
 Data Filename : INT STD BLK 2\_9142023\_008.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 1:00:30 PM  
 Date Processed : 9/14/2023 1:06:30 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 127919 | 36257  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 131193 | 48861  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC1-1 |          |          | Analysis Date(s): 9/14/2023 1:09:47 PM(-06:00) |        |            |               |
|----------------------|----------|----------|--|--------|------------|---------------|
|                      | Column 1 | Column 2 | Column   | Mean   | Sample A-B | Over-all Mean |
|                      | FID A    | FID B    | Precision                                      | Value  | Difference |               |
| Sample Results       | 0.0821   | 0.0820   | 0.0001   | 0.0820 | 0.0002     | 0.0821        |
| (g/100cc)            | 0.0823   | 0.0821   | 0.0002   | 0.0822 |            |               |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_09142023\_rc.gcm

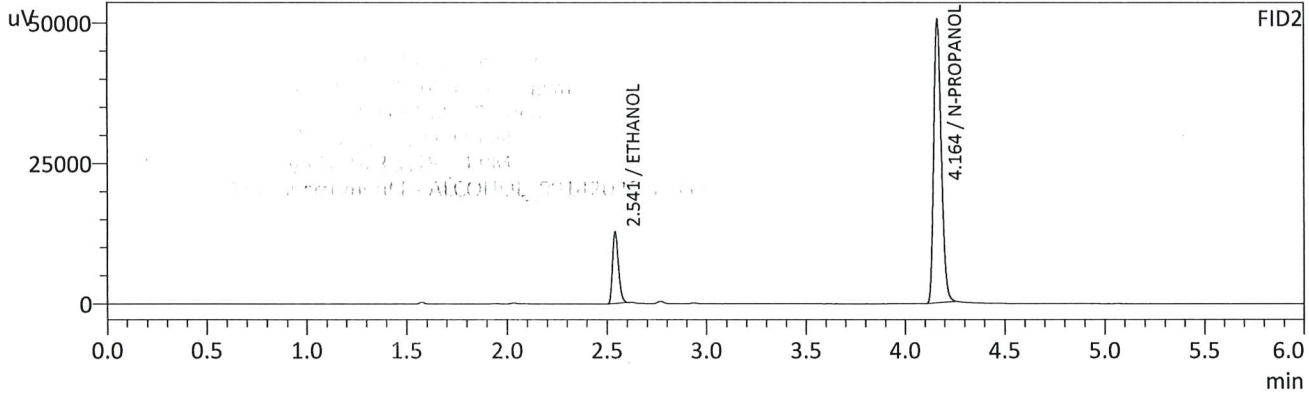
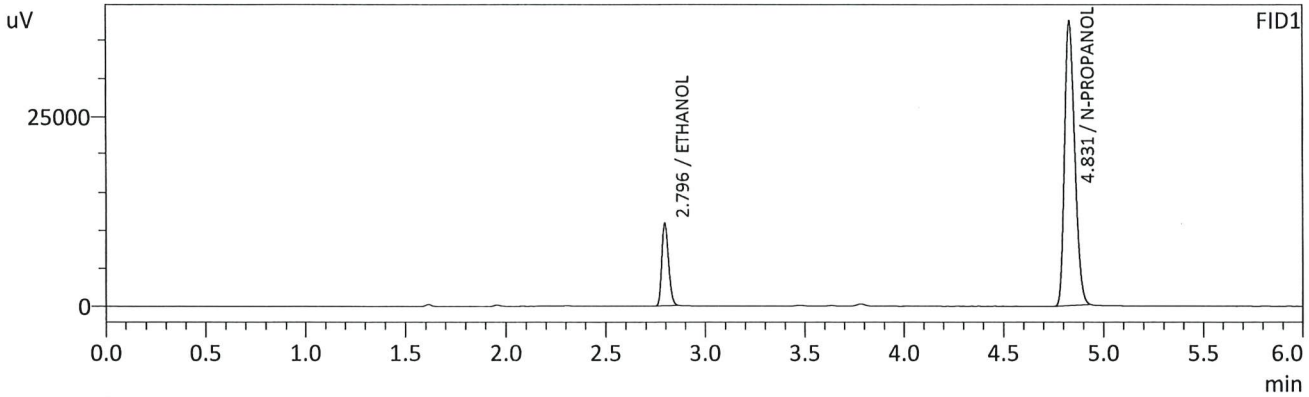
| Reporting of Results   | Uncertainty of Measurements (UM%): 5.00% |       |             |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low                                      | High  | 5 % of Mean |
| 0.082                  | 0.077                                    | 0.087 | 0.005       |

|  | Reported Results |
|--|------------------|
|  | 0.082            |

Calibration and control data are stored centrally.

RC

Sample Name : QC1-1  
 Vial # : 9  
 Data Filename : QC1-1\_9142023\_009.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 1:09:47 PM  
 Date Processed : 9/14/2023 1:15:49 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

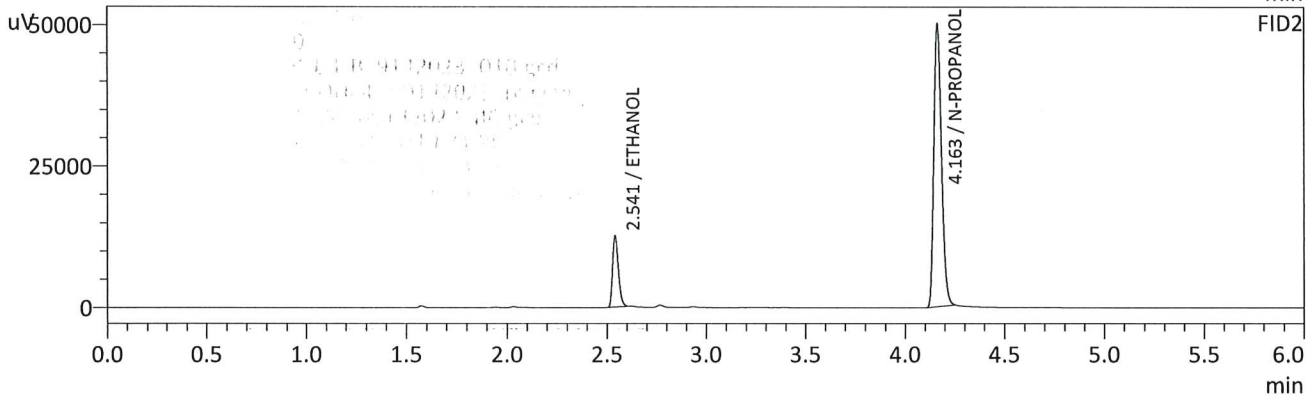
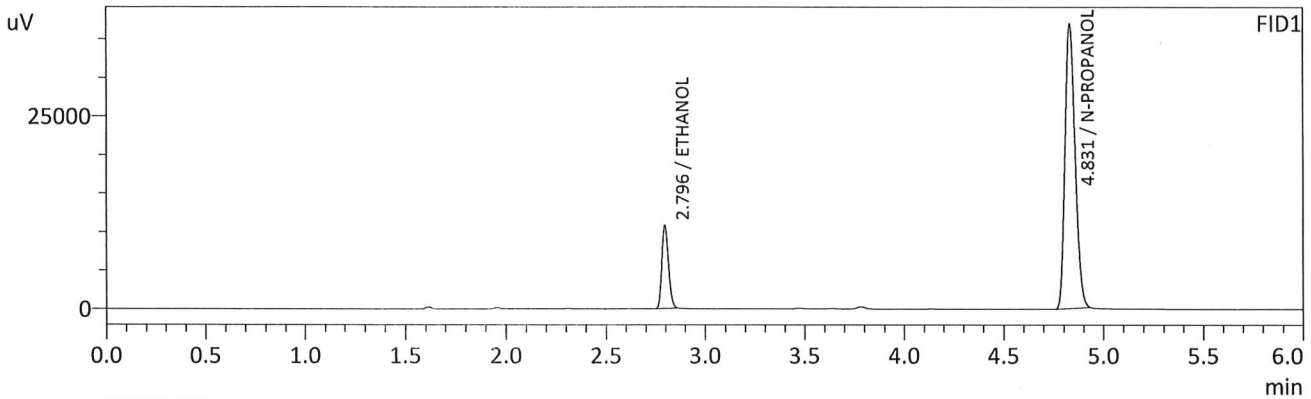
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0821 | g/100cc | 25647  | 10772  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 131843 | 37227  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0820 | g/100cc | 25799  | 12702  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 135471 | 50222  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

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Sample Name : QC1-1-B  
 Vial # : 10  
 Data Filename : QC1-1-B\_9142023\_010.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 1:19:31 PM  
 Date Processed : 9/14/2023 1:25:33 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0823 | g/100cc | 25475  | 10687  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 130644 | 36796  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0821 | g/100cc | 25588  | 12628  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 134060 | 49755  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

ARC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: 0.08 QA |                   |                   | Analysis Date(s): 9/14/2023 1:29:03 PM(-06:00) |               |                          |               |
|------------------------|-------------------|-------------------|--|---------------|--------------------------|---------------|
|                        | Column 1<br>FID A | Column 2<br>FID B | Column<br>Precision                            | Mean<br>Value | Sample A-B<br>Difference | Over-all Mean |
| Sample Results         | 0.0809            | 0.0813            | 0.0004   | 0.0811        | 0.0001                   | 0.0811        |
| (g/100cc)              | 0.0812            | 0.0813            | 0.0001   | 0.0812        |                          |               |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

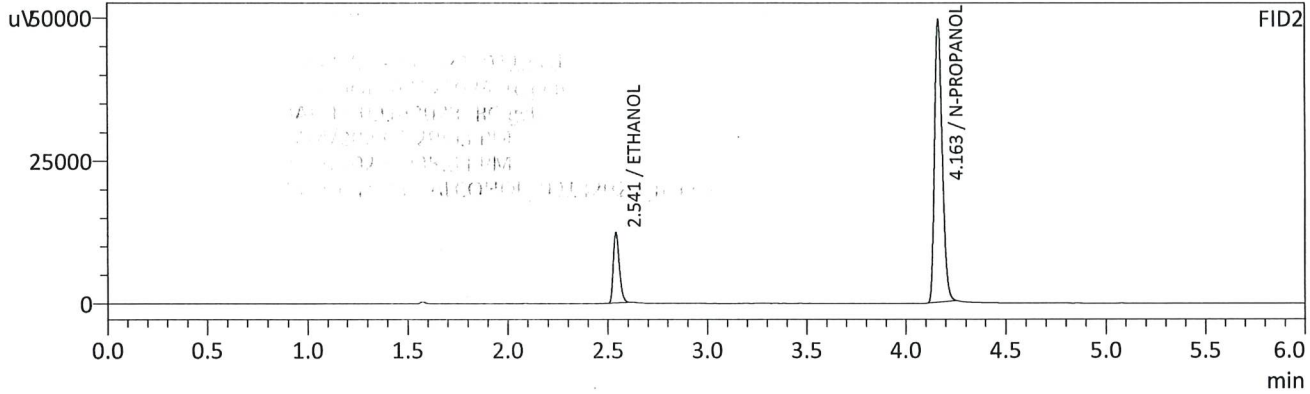
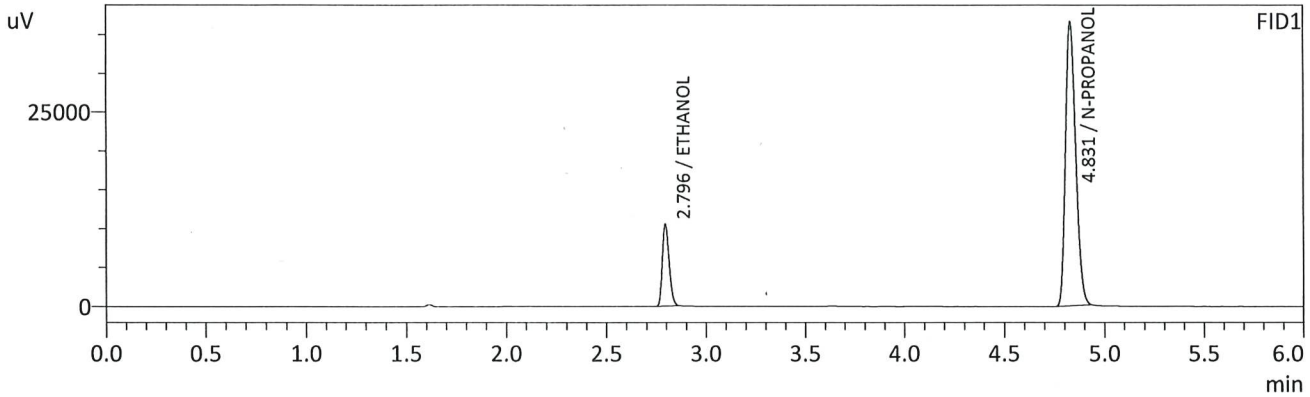
Refer To Instrument Method: ALCOHOL\_09142023\_rc.gcm

| Reporting of Results   | Uncertainty of Measurements (UM%): 5.00% |       |             |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low                                      | High  | 5 % of Mean |
| 0.081                  | 0.076                                    | 0.086 | 0.005       |

|  | Reported Results |
|--|------------------|
|  | 0.081            |

Calibration and control data are stored centrally.

Sample Name : 0.08 QA  
 Vial # : 11  
 Data Filename : 0.08 QA\_9142023\_011.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 1:29:03 PM  
 Date Processed : 9/14/2023 1:35:04 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

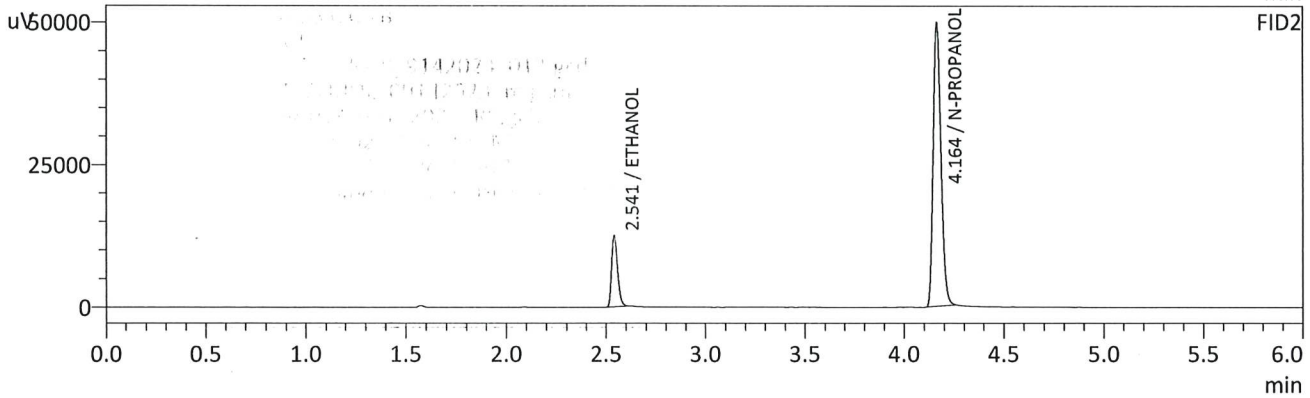
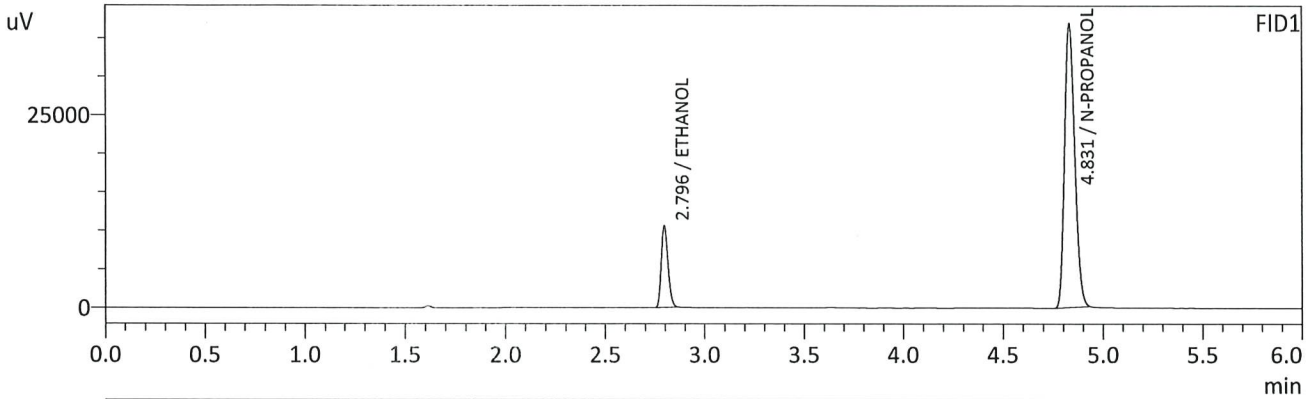
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0809 | g/100cc | 24793  | 10402  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 129441 | 36448  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0813 | g/100cc | 25027  | 12318  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 132626 | 49095  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

*RC*

Sample Name : 0.08 QA - B  
 Vial # : 12  
 Data Filename : 0.08 QA - B\_9142023\_012.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 1:38:20 PM  
 Date Processed : 9/14/2023 1:44:24 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0812 | g/100cc | 24975  | 10462  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 129910 | 36713  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0813 | g/100cc | 25211  | 12420  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 133487 | 49586  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

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VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC2-1 |                   |                   | Analysis Date(s): 9/14/2023 4:39:24 PM(-06:00) |               |                          |               |
|----------------------|-------------------|-------------------|--|---------------|--------------------------|---------------|
|                      | Column 1<br>FID A | Column 2<br>FID B | Column<br>Precision                            | Mean<br>Value | Sample A-B<br>Difference | Over-all Mean |
| Sample Results       | 0.2052            | 0.2047            | 0.0005   | 0.2049        | 0.0007                   | 0.2046        |
| (g/100cc)            | 0.2046            | 0.2039            | 0.0007   | 0.2042        |                          |               |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_09142023\_rc.gcm

| Reporting of Results   | Uncertainty of Measurements (UM%): 5.00% |       |             |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low                                      | High  | 5 % of Mean |
| 0.204                  | 0.193                                    | 0.215 | 0.011       |

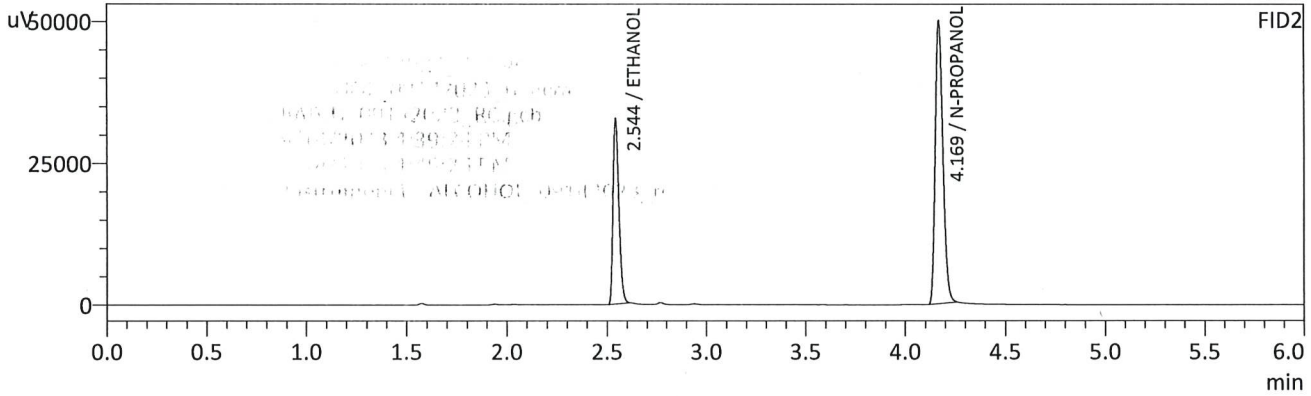
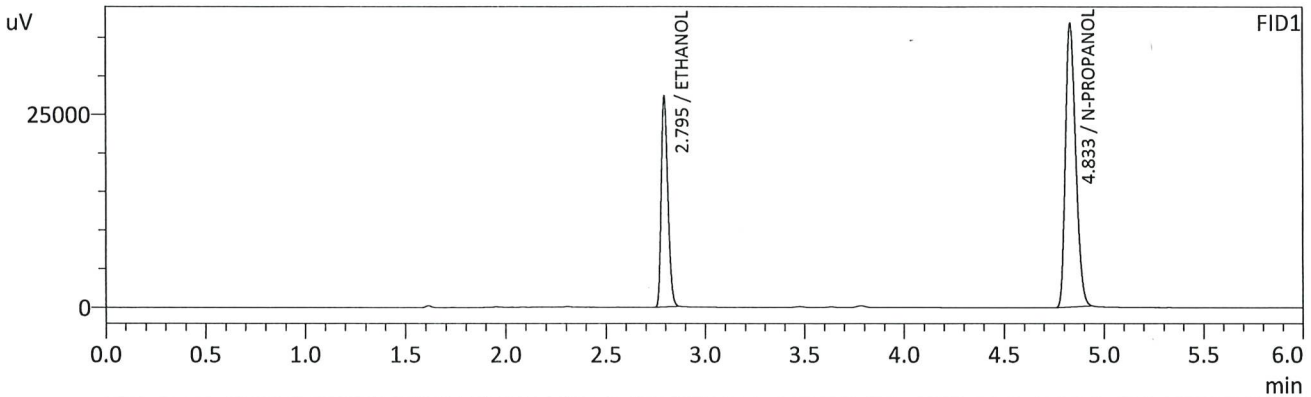
|  | Reported Results |
|--|------------------|
|  | 0.204            |

Calibration and control data are stored centrally.

RC



Sample Name : QC2-1  
 Vial # : 31  
 Data Filename : QC2-1\_9142023\_031.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 4:39:24 PM  
 Date Processed : 9/14/2023 4:45:26 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

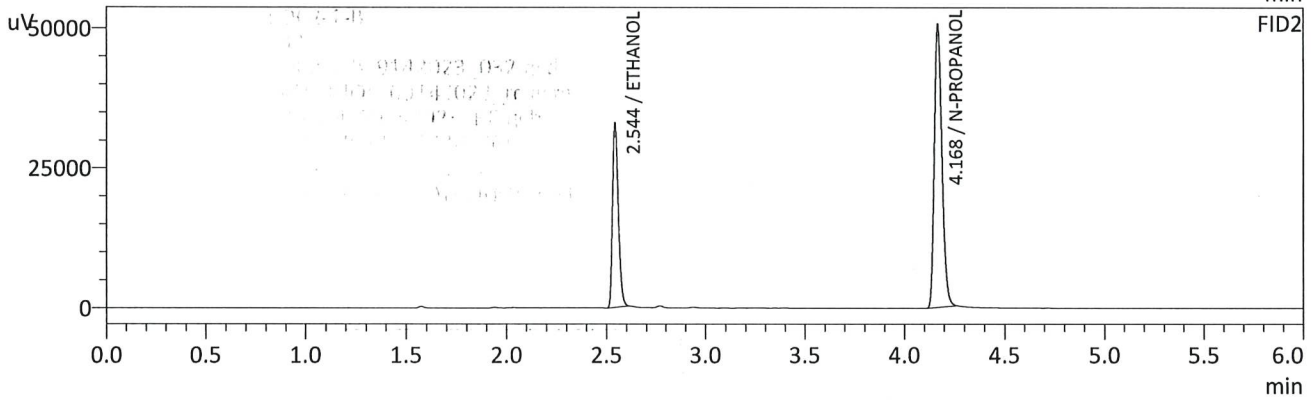
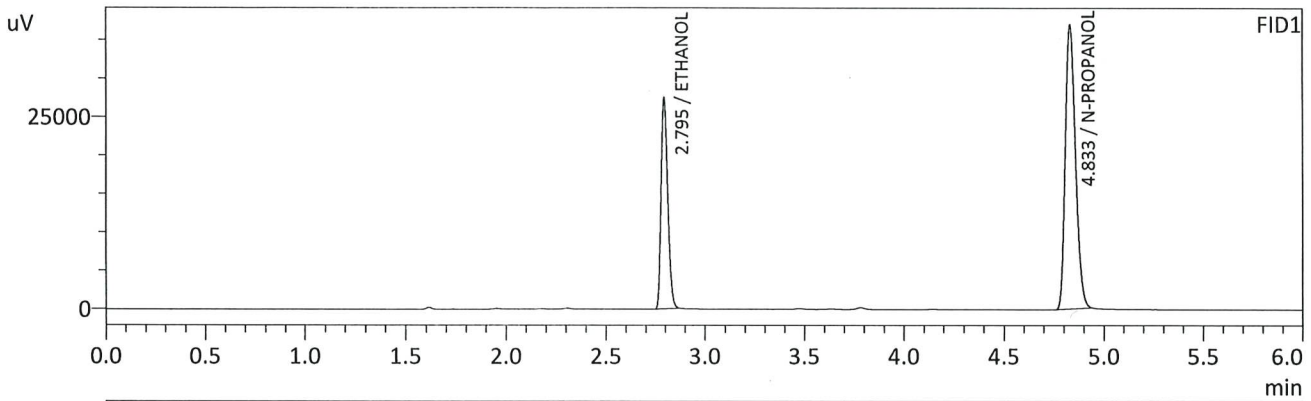
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2052 | g/100cc | 64412  | 27145  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 129965 | 36792  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2047 | g/100cc | 66120  | 32314  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 133755 | 49856  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

*Handwritten signature/initials in blue ink.*

Sample Name : QC2-1-B  
 Vial # : 32  
 Data Filename : QC2-1-B\_9142023\_032.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 4:48:56 PM  
 Date Processed : 9/14/2023 4:54:58 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2046 | g/100cc | 64775  | 27292  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 131051 | 36939  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2039 | g/100cc | 66460  | 32369  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 134992 | 50247  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

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VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC1-2 |                   |                   | Analysis Date(s): 9/14/2023 8:08:52 PM(-06:00) |               |                          |               |
|----------------------|-------------------|-------------------|--|---------------|--------------------------|---------------|
|                      | Column 1<br>FID A | Column 2<br>FID B | Column<br>Precision                            | Mean<br>Value | Sample A-B<br>Difference | Over-all Mean |
| Sample Results       | 0.0875            | 0.0877            | 0.0002   | 0.0876        | 0.0005                   | 0.0878        |
| (g/100cc)            | 0.0880            | 0.0882            | 0.0002   | 0.0881        |                          |               |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

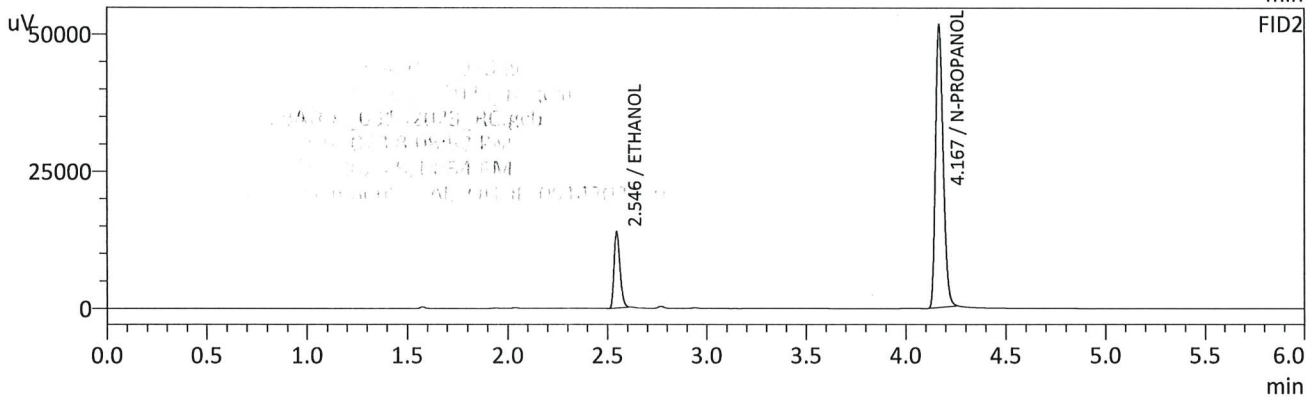
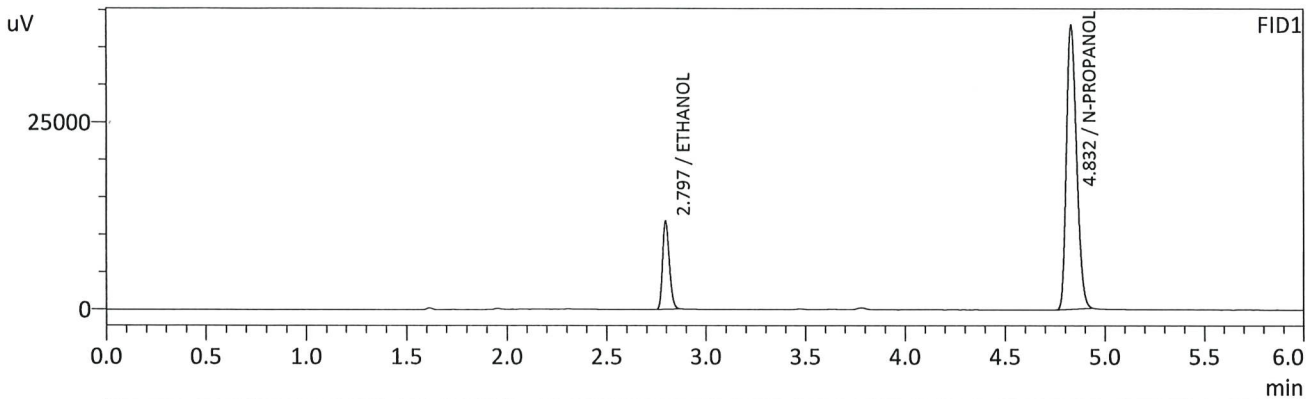
Refer To Instrument Method: ALCOHOL\_09142023\_rc.gcm

| Reporting of Results   | Uncertainty of Measurements (UM%): 5.00% |       |             |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low                                      | High  | 5 % of Mean |
| 0.087                  | 0.082                                    | 0.092 | 0.005       |

|       | Reported Results |
|-------|------------------|
| FID A | 0.087            |

Calibration and control data are stored centrally.

Sample Name : QC1-2  
 Vial # : 53  
 Data Filename : QC1-2\_9142023\_053.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 8:08:52 PM  
 Date Processed : 9/14/2023 8:14:54 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

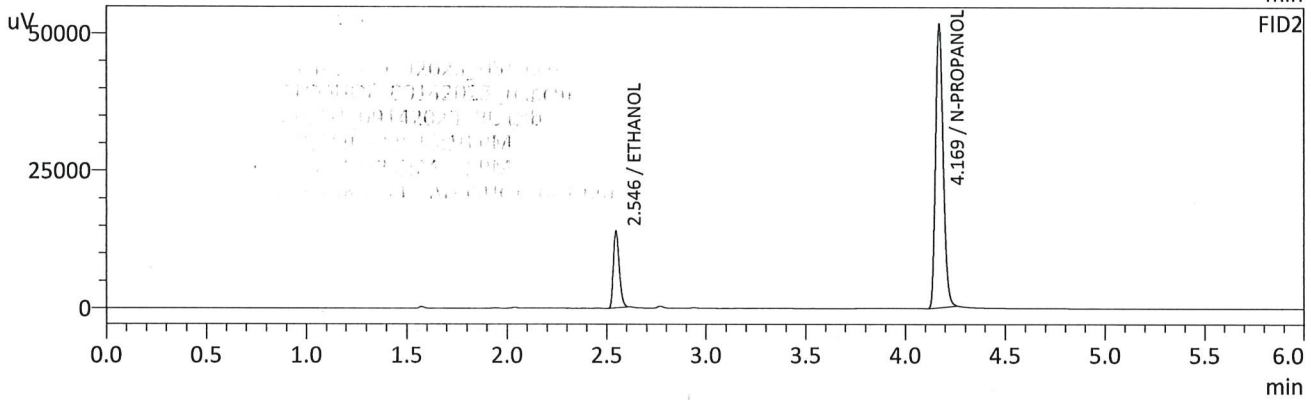
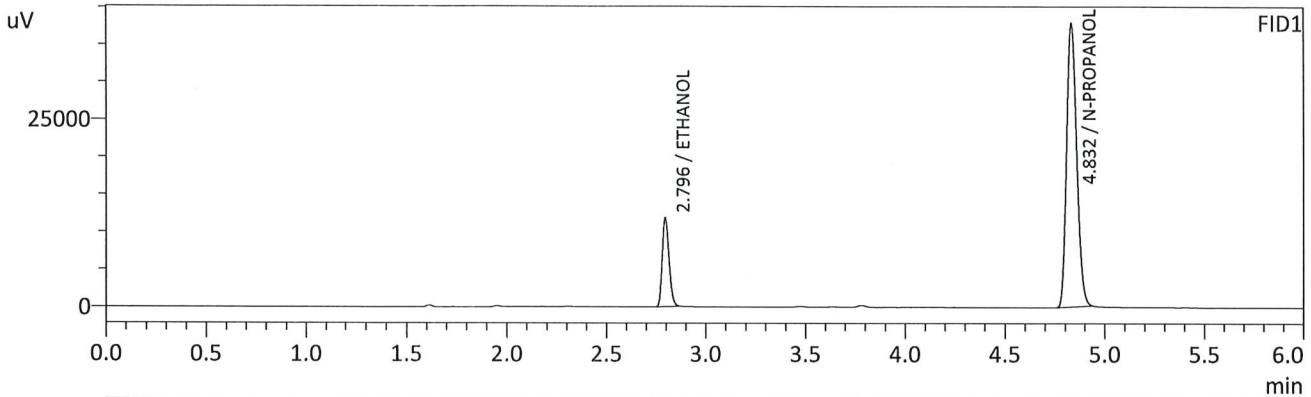
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0875 | g/100cc | 27867  | 11700  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 134143 | 37918  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0877 | g/100cc | 28256  | 13877  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 138116 | 51237  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

*RC*

Sample Name : QC1-2-B  
 Vial # : 54  
 Data Filename : QC1-2-B\_9142023\_054.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 8:18:10 PM  
 Date Processed : 9/14/2023 8:24:12 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0880 | g/100cc | 28053  | 11757  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 134309 | 37840  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0882 | g/100cc | 28437  | 13958  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 138199 | 51499  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

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VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC2-2 |                   |                   | Analysis Date(s): 9/14/2023 11:00:08 PM(-06:00) |               |                          |               |
|----------------------|-------------------|-------------------|---|---------------|--------------------------|---------------|
|                      | Column 1<br>FID A | Column 2<br>FID B | Column<br>Precision                             | Mean<br>Value | Sample A-B<br>Difference | Over-all Mean |
| Sample Results       | 0.2102            | 0.2104            | 0.0002  | 0.2103        | 0.0023                   | 0.2114        |
| (g/100cc)            | 0.2123            | 0.2129            | 0.0006  | 0.2126        |                          |               |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

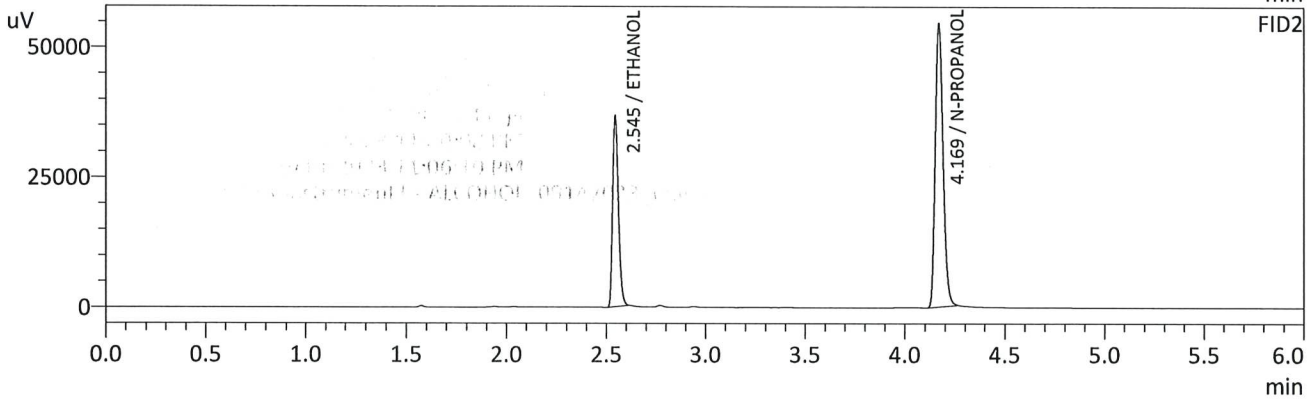
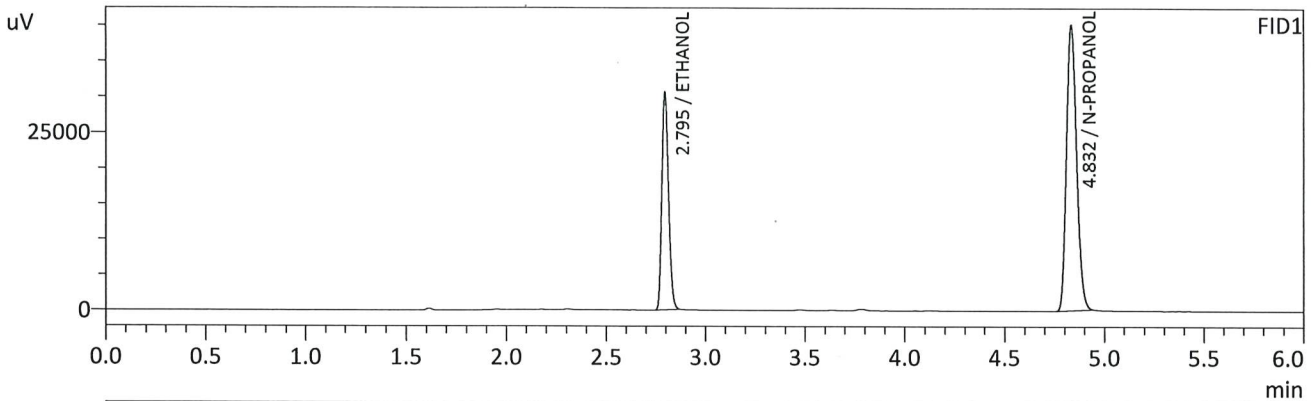
Refer To Instrument Method: ALCOHOL\_09142023\_rc.gcm

| Reporting of Results   | Uncertainty of Measurements (UM%): 5.00% |       |             |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low                                      | High  | 5 % of Mean |
| 0.211                  | 0.200                                    | 0.222 | 0.011       |

|  | Reported Results |
|--|------------------|
|  | 0.211            |

Calibration and control data are stored centrally.

Sample Name : QC2-2  
 Vial # : 71  
 Data Filename : QC2-2\_9142023\_071.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 11:00:08 PM  
 Date Processed : 9/14/2023 11:06:10 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

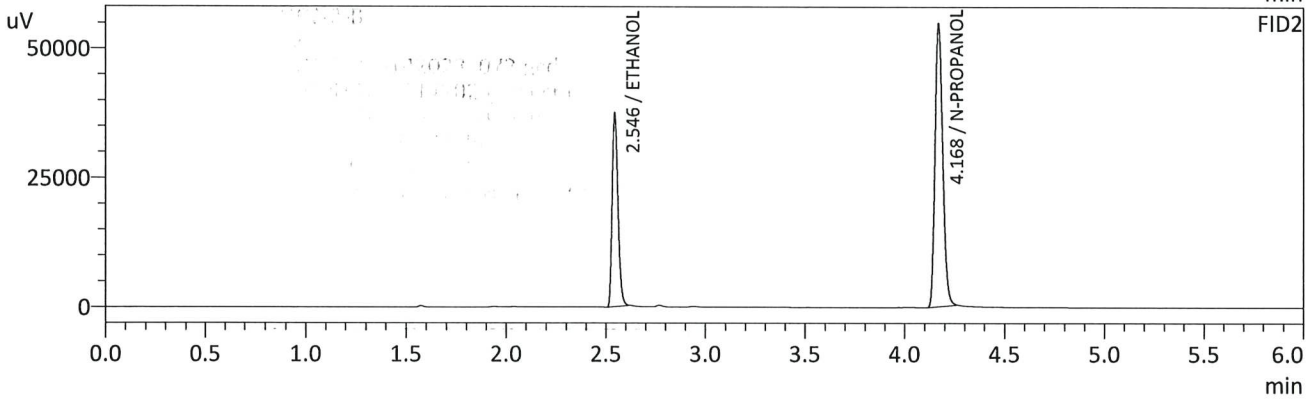
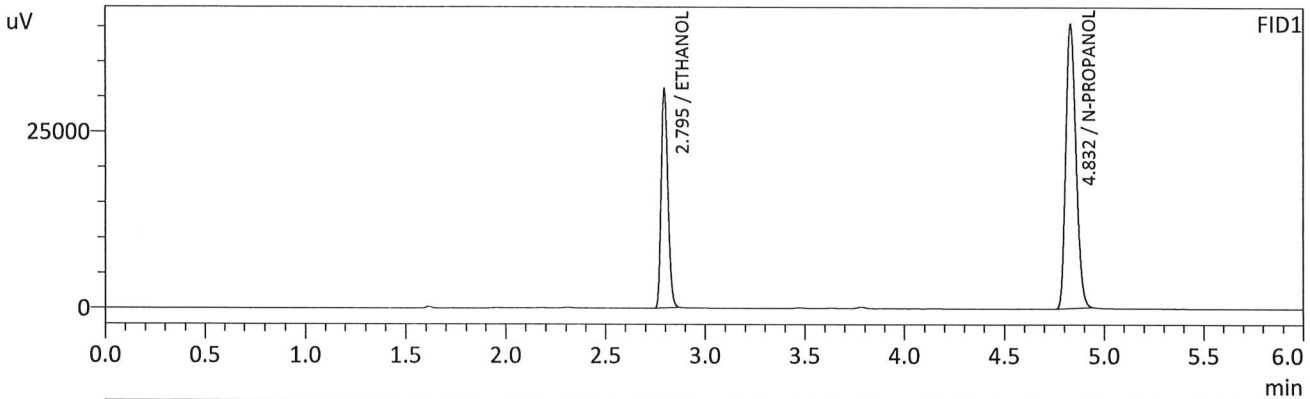
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2102 | g/100cc | 72059  | 30428  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 141879 | 40085  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2104 | g/100cc | 74026  | 36534  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 145632 | 54346  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

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Sample Name : QC2-2-B  
 Vial # : 72  
 Data Filename : QC2-2-B\_9142023\_072.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 11:09:25 PM  
 Date Processed : 9/14/2023 11:15:26 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2123 | g/100cc | 73202  | 30967  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 142682 | 40368  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

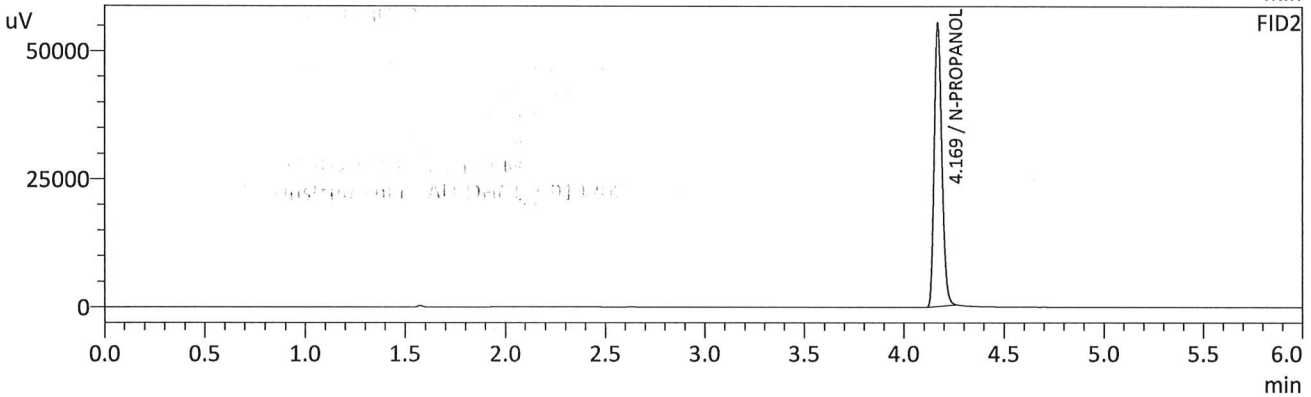
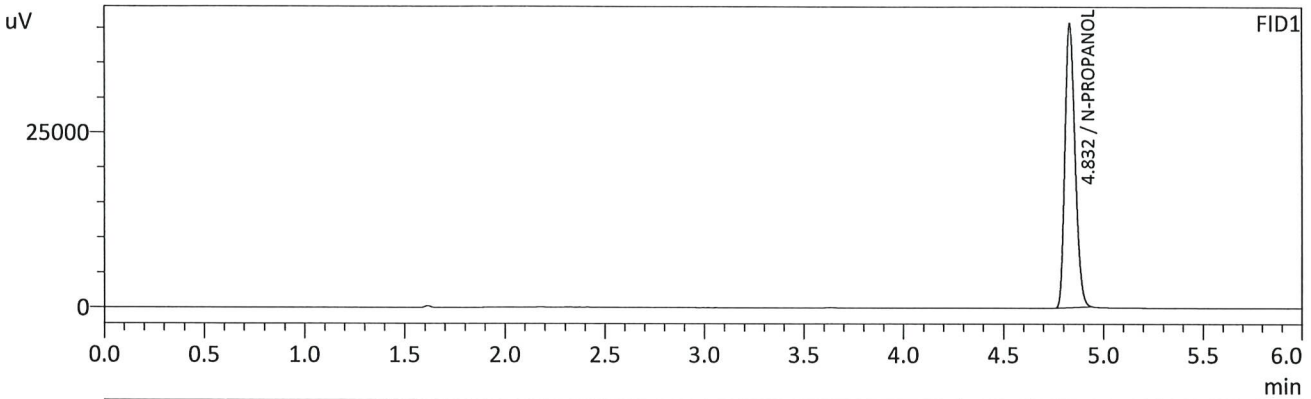
FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2129 | g/100cc | 75363  | 37326  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 146444 | 54542  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

*AC*



Sample Name : INT STD BLK 3  
 Vial # : 73  
 Data Filename : INT STD BLK 3\_9142023\_073.gcd  
 Method Filename : ALCOHOL\_09142023\_rc.gcm  
 Batch Filename : BATCH\_09142023\_RC.gcb  
 Date Acquired : 9/14/2023 11:19:14 PM  
 Date Processed : 9/14/2023 11:25:17 PM  
 Default Project - G1KG333-Instrument1 - ALCOHOL\_09142023\_rc.gcm



FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 143097 | 40643  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 147452 | 55301  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

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# Region 5 Pocatello Blood Alcohol Analysis Batch Table

Shimadzu Nexis GC-2030 Serial Number: C12255850662

Shimadzu HS-20 Serial Number: C12595700014

LabSolutions Version 6.117

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| Vial# | Sample Name    | Sample Type    | Method File             | Data File                      | Level# |
|-------|----------------|----------------|-------------------------|--------------------------------|--------|
| 1     | 0.050          | 1:Standard:(R) | ALCOHOL_09142023_rc.gcm |                                | 1      |
| 2     | 0.100          | 1:Standard:(R) | ALCOHOL_09142023_rc.gcm |                                | 2      |
| 3     | 0.200          | 1:Standard:(R) | ALCOHOL_09142023_rc.gcm |                                | 3      |
| 4     | 0.300          | 1:Standard:(R) | ALCOHOL_09142023_rc.gcm |                                | 4      |
| 5     | 0.500          | 1:Standard:(R) | ALCOHOL_09142023_rc.gcm |                                | 5      |
| 6     | INT STD BLK 1  | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 7     | MULTI-COMP MIX | 0:Unknown      | ALCOHOL_09142023_rc.gcm | MULTI-COMP MIX_1292021_001.gcd | 1      |
| 8     | INT STD BLK 2  | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 9     | QC1-1          | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 10    | QC1-1-B        | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 11    | 0.08 QA        | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 12    | 0.08 QA - B    | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 13    | P2023-2799-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 14    | P2023-2799-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 15    | P2023-2799-2   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 16    | P2023-2799-2-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 17    | P2023-2799-3   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 18    | P2023-2799-3-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 19    | P2023-2799-4   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 20    | P2023-2799-4-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 21    | P2023-2645-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 22    | P2023-2645-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 23    | P2023-2699-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 24    | P2023-2699-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 25    | P2023-2707-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 26    | P2023-2707-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 27    | P2023-2708-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 28    | P2023-2708-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 29    | P2023-2709-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 30    | P2023-2709-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 31    | QC2-1          | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 32    | QC2-1-B        | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 33    | P2023-2710-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 34    | P2023-2710-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 35    | P2023-2712-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 36    | P2023-2712-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 37    | P2023-2740-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 38    | P2023-2740-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 39    | P2023-2766-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 40    | P2023-2766-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 41    | P2023-2779-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 42    | P2023-2779-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 43    | P2023-2781-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 44    | P2023-2781-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 45    | P2023-2783-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 46    | P2023-2783-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 47    | P2023-2785-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 48    | P2023-2785-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 49    | P2023-2793-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 50    | P2023-2793-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 51    | P2023-2800-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 52    | P2023-2800-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 53    | QC1-2          | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 54    | QC1-2-B        | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 55    | P2023-2820-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 56    | P2023-2820-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 57    | P2023-2821-1   | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |
| 58    | P2023-2821-1-B | 0:Unknown      | ALCOHOL_09142023_rc.gcm |                                | 0      |

| Vial# | Sample Name    | Sample Type | Method File             | Data File | Level# |
|-------|----------------|-------------|-------------------------|-----------|--------|
| 59    | P2023-2823-1   | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 60    | P2023-2823-1-B | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 61    | P2023-2825-1   | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 62    | P2023-2825-1-B | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 63    | P2023-2826-1   | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 64    | P2023-2826-1-B | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 65    | P2023-2827-1   | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 66    | P2023-2827-1-B | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 67    | P2023-2841-1   | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 68    | P2023-2841-1-B | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 69    | P2023-2842-1   | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 70    | P2023-2842-1-B | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 71    | QC2-2          | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 72    | QC2-2-B        | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |
| 73    | INT STD BLK 3  | 0:Unknown   | ALCOHOL_09142023_rc.gcm |           | 0      |

0:Unknown  
 0:Unknown  
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0:Unknown  
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RC