



















Worklist: 6500

| <u>LAB_CASE</u> | <u>ITEM</u> | <u>ITEM_TYPE</u> | <u>DESCRIPTION</u> | |
|-----------------|-------------|------------------|--------------------|---|
| P2023-2004 | 1 | BCK | Alcohol Analysis |  |
| P2023-2860 | 1 | BCK | Alcohol Analysis |  |
| P2023-2861 | 1 | BCK | Alcohol Analysis |  |
| P2023-2866 | 1 | BREF | Alcohol Analysis |  |
| P2023-2867 | 1 | BCK | Alcohol Analysis |  |
| P2023-2874 | 1 | BCK | Alcohol Analysis |  |
| P2023-2875 | 1 | BCK | Alcohol Analysis |  |
| P2023-2888 | 1 | BCK | Alcohol Analysis |  |
| P2023-2892 | 1 | BCK | Alcohol Analysis |  |
| P2023-2909 | 1 | BCK | Alcohol Analysis |  |
| P2023-2912 | 1 | BCK | Alcohol Analysis |  |
| P2023-2914 | 1 | BCK | Alcohol Analysis |  |
| P2023-2915 | 1 | BCK | Alcohol Analysis |  |
| P2023-2930 | 1 | BCK | Alcohol Analysis |  |
| P2023-2931 | 1 | BCK | Alcohol Analysis |  |
| P2023-2942 | 1 | BCK | Alcohol Analysis |  |
| P2023-2963 | 1 | BCK | Alcohol Analysis |  |
| P2023-2967 | 1 | BCK | Alcohol Analysis |  |
| P2023-2969 | 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): 09/15/2023

Calibration Date: (if different) : 09/14/23

Worklist #: 6500

| Control Level | Expiration | Lot # | Target Value | Acceptable Range | Overall Results |
|--------------------------|------------|---------|--------------|------------------|---|
| Level 1 | Oct-26 | 2209047 | 0.0877 | 0.0789-0.0964 | 0.0816 g/100cc |
| | | | | | 0.0875 g/100cc |
| | | | | | g/100cc |
| Level 2 | Mar-26 | 2110181 | 0.2030 | 0.1827-0.2233 | 0.2055 g/100cc 0.2125 g/100cc g/100cc |
| Multi-Component mixture: | | Exp: | 2024 October | Lot # | FN06041902 OK |
| Curve Fit: | | | Column 1 | Column 2 | 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 | 0.083 g/100cc |

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

Worklist #:

6500

Run Date(s):

09/15/2023

Internal Standard Solution:

Prep Date:

8/16/2023

Exp Date:

2/16/2024

| Sample Name | Column 1 Value | Column 2 Value |
|-------------|----------------|----------------|
| 0.080 | 130973 | 133576 |
| 0.080 | 123792 | 126970 |
| QC1 | 132001 | 134636 |
| QC1 | 132233 | 134947 |
| QC1 | 132648 | 136835 |
| QC1 | 130098 | 134151 |
| QC1 | | |
| QC1 | | |
| QC2 | 129513 | 132967 |
| QC2 | 129851 | 133276 |
| QC2 | 132597 | 136476 |
| QC2 | 135435 | 139178 |
| QC2 | | |
| QC2 | | |

| | Average | (-)20% | (+)20% |
|----------|----------|----------|----------|
| Column 1 | 130914.1 | 104731.3 | 157096.9 |
| Column 2 | 134301.2 | 107441.0 | 161161.4 |



Revision: 5

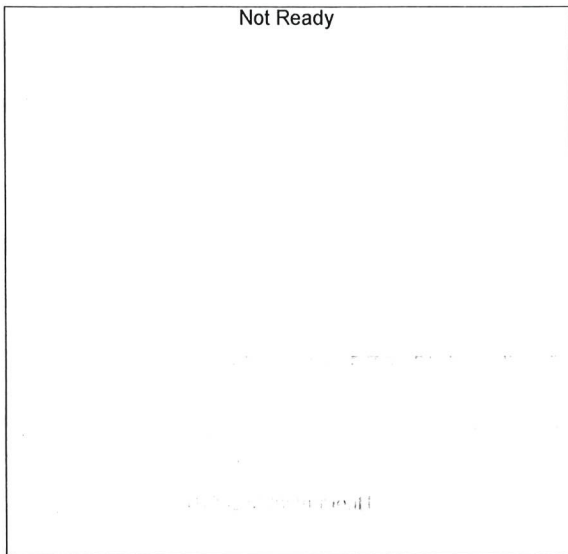
Issue Date: 07/05/2022

Issuing Authority: Quality Manager

Calibration Table

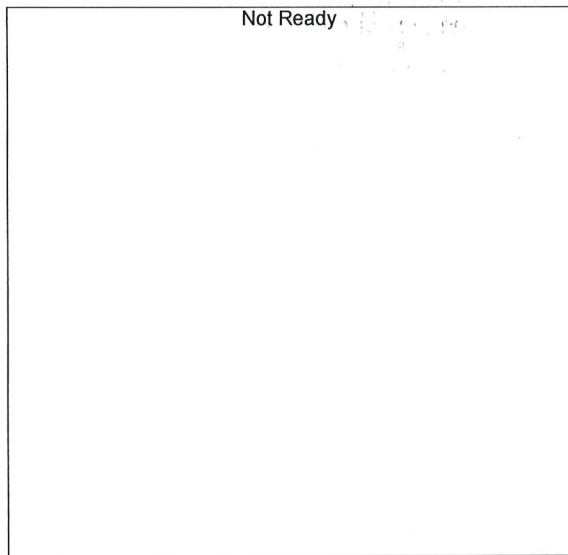
Laboratory: Pocatello
 Instrument Name : G1KG333-Instrument1

<<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 : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

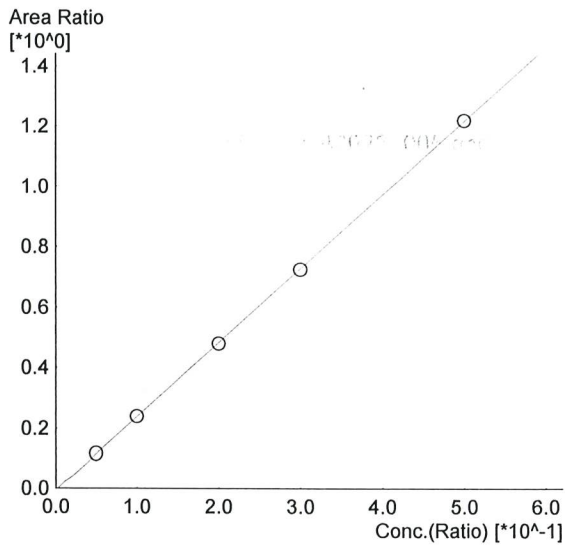
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|



Name : ACETALDEHYDE
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

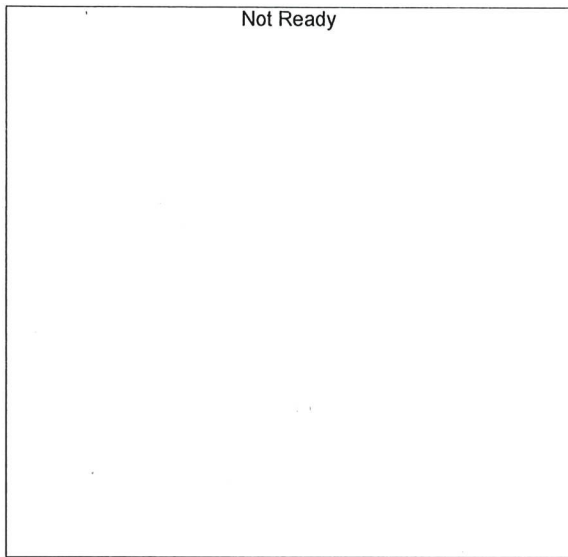
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

rc



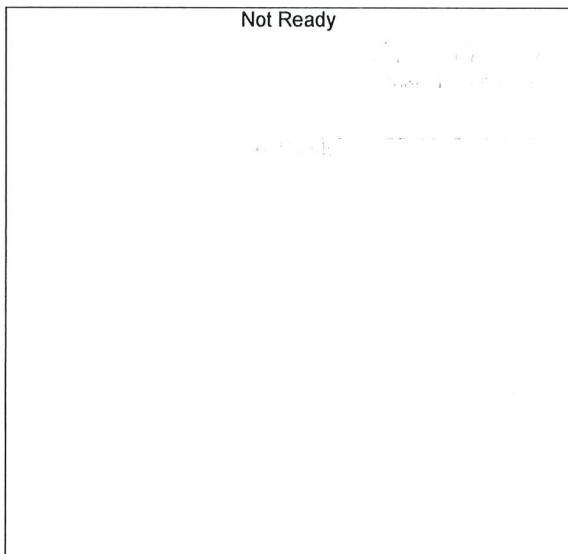
Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=2.44635*x-0.00641423$
 R² value= 0.9999576 ✓
 FitType: Linear
 ZeroThrough: Not Through

| # | 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 : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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



Name : ACETONE
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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

RC

Not Ready

Name : DFE
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

Not Ready

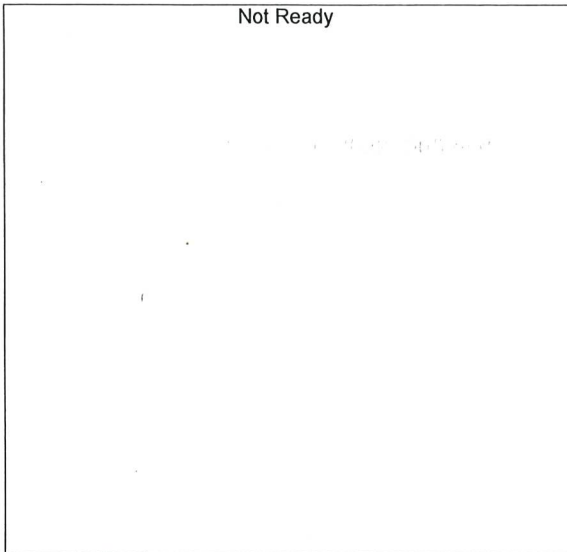
Name : TFE
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

Not Ready

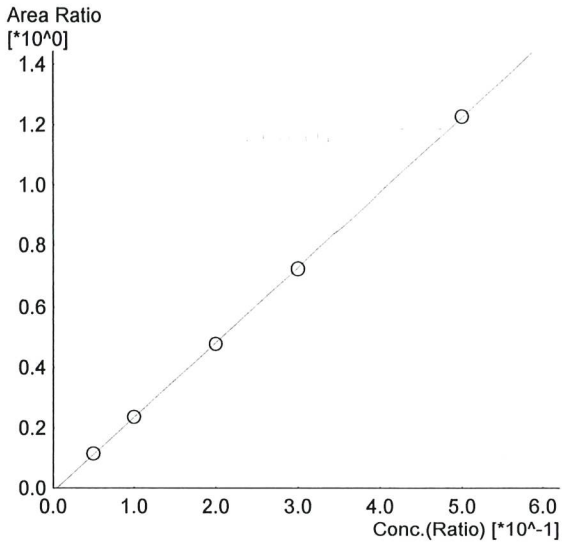
Name : ACETALDEHYDE
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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



Name : METHANOL
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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



Name : ETHANOL
 Detector Name: FID2
 Function : $f(x)=2.47508*x-0.0125432$
 R² value= 0.9999203 ✓
 FitType: Linear
 ZeroThrough: Not Through

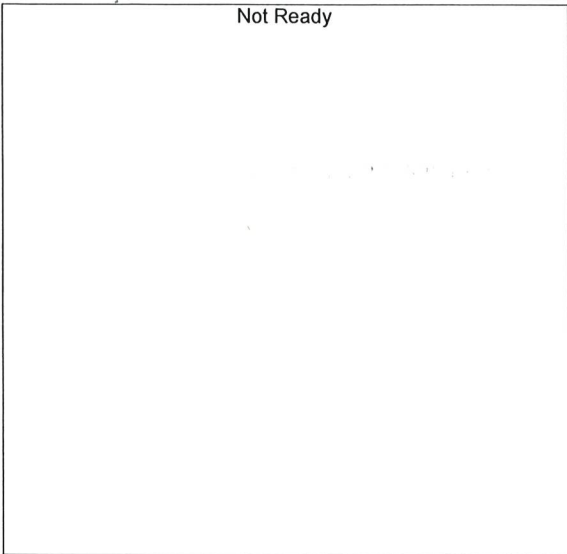
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|--------|------------|-----------------------|
| 1 | 0.050 | 15147 | 0.0515 | 0.050_9142023_001.gcd |
| 2 | 0.100 | 31380 | 0.1003 | 0.100_9142023_002.gcd |
| 3 | 0.200 | 64422 | 0.1982 | 0.200_9142023_003.gcd |
| 4 | 0.300 | 98116 | 0.2983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



Name : ACETONE
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

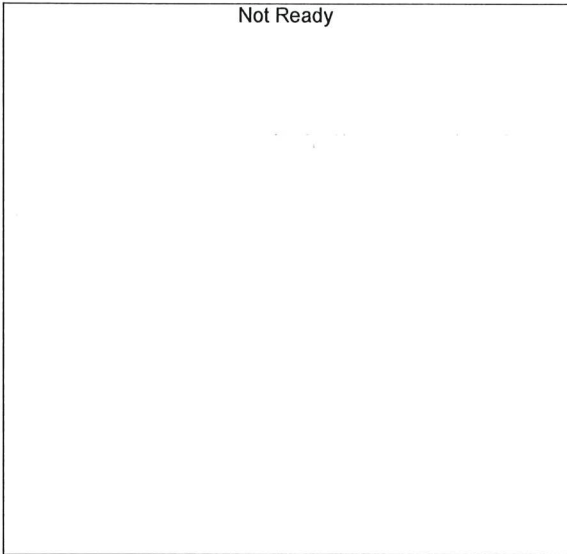
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

AC



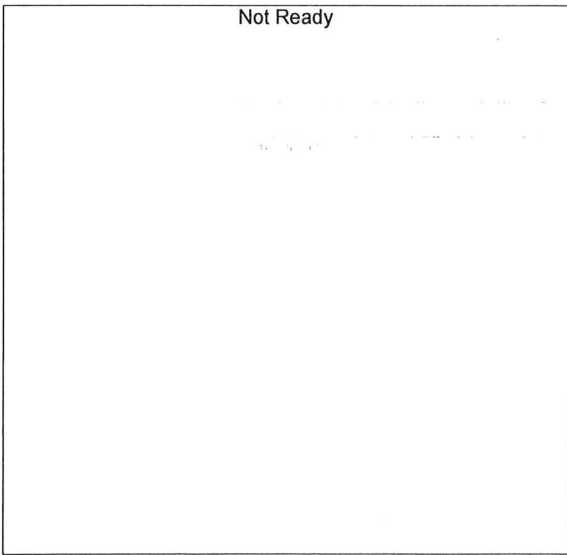
Name : ISOPROPYL ALCOHOL
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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



Name : DFE
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

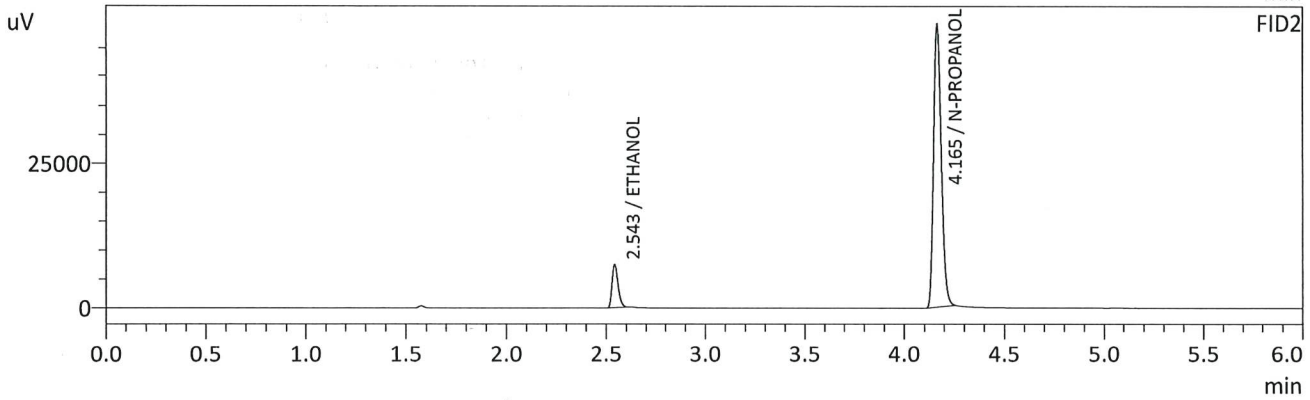
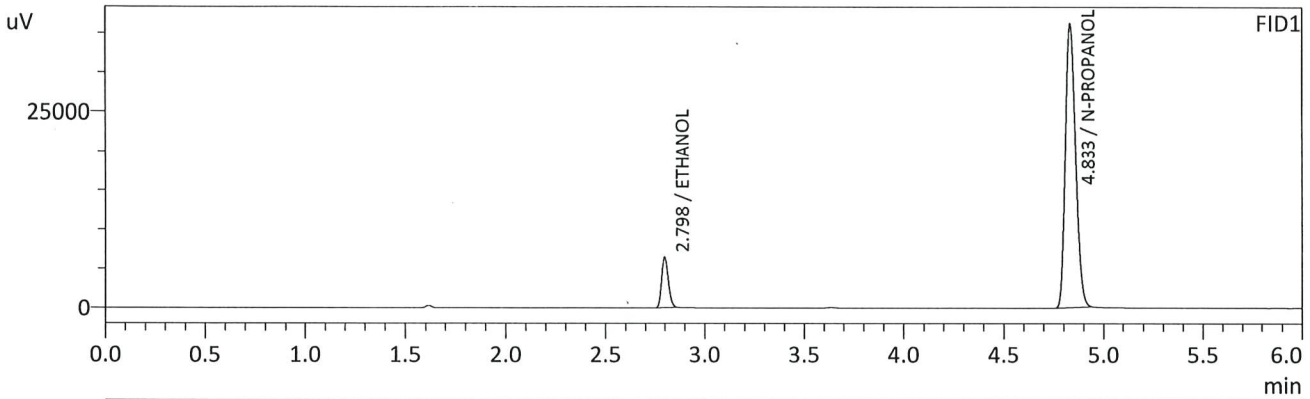
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|



Name : TFE
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² 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

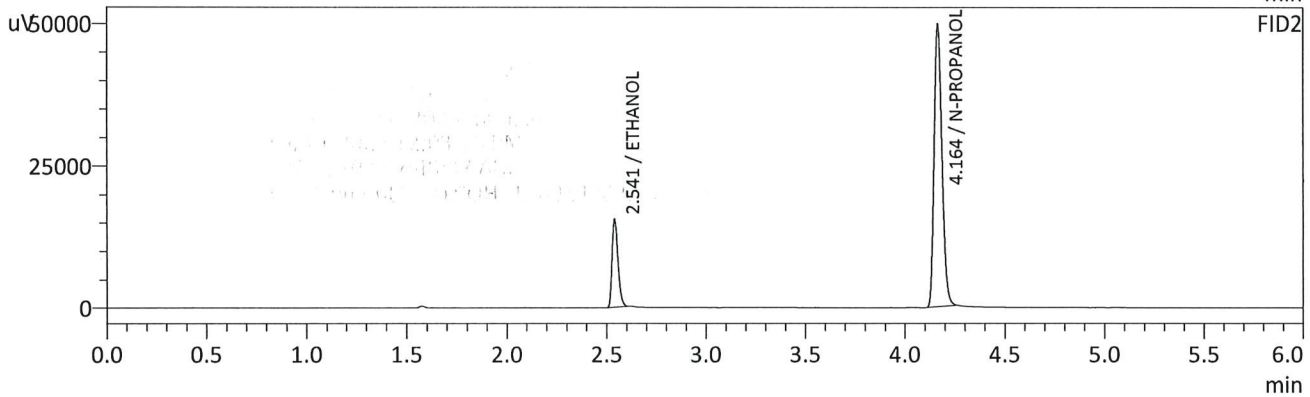
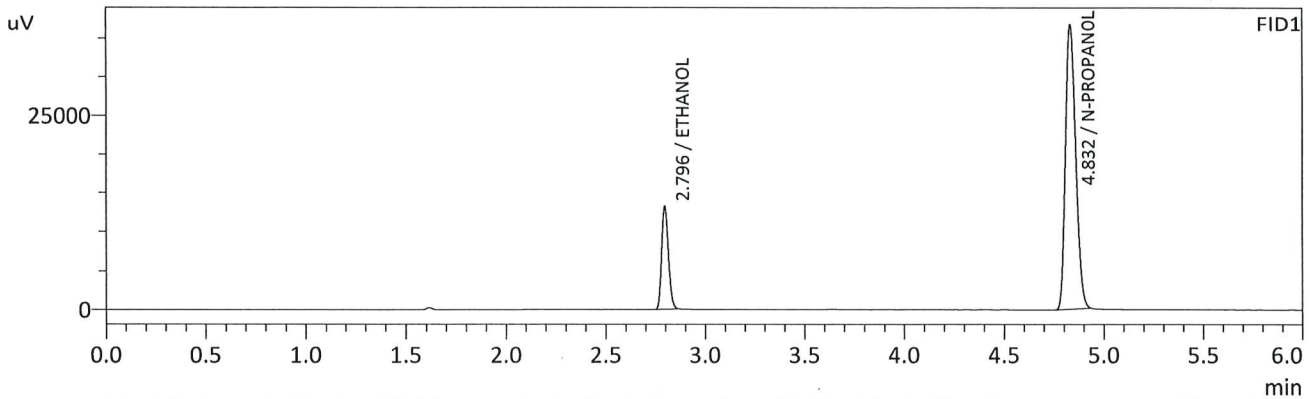
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0509 | g/100cc | 15193 | 6409 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| 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

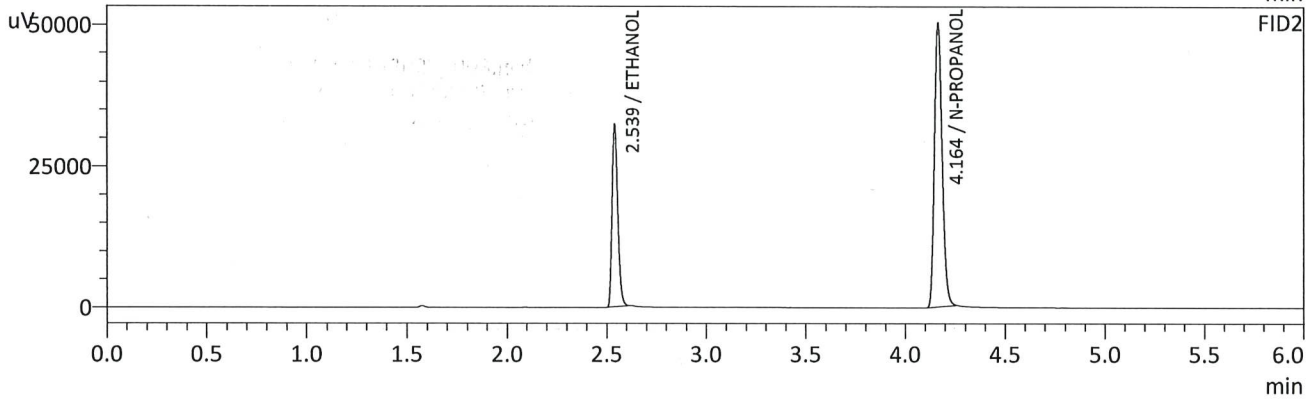
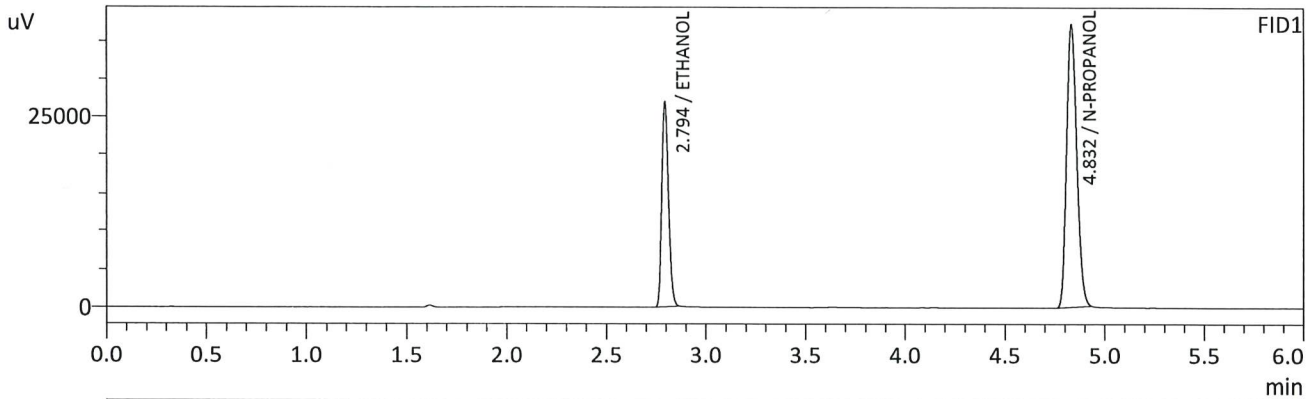
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.1005 | g/100cc | 31088 | 13052 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| 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 | -- | -- |

Handwritten signature/initials in blue ink.

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

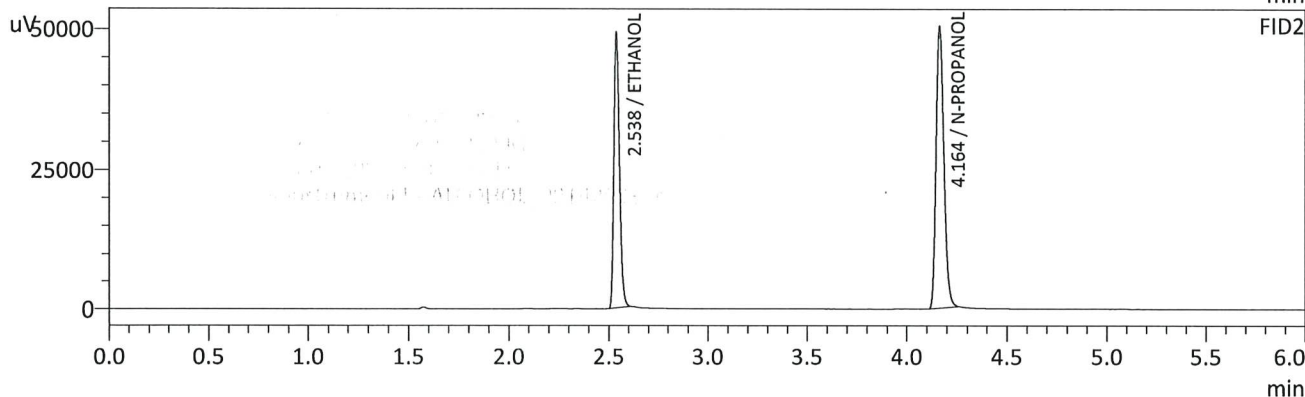
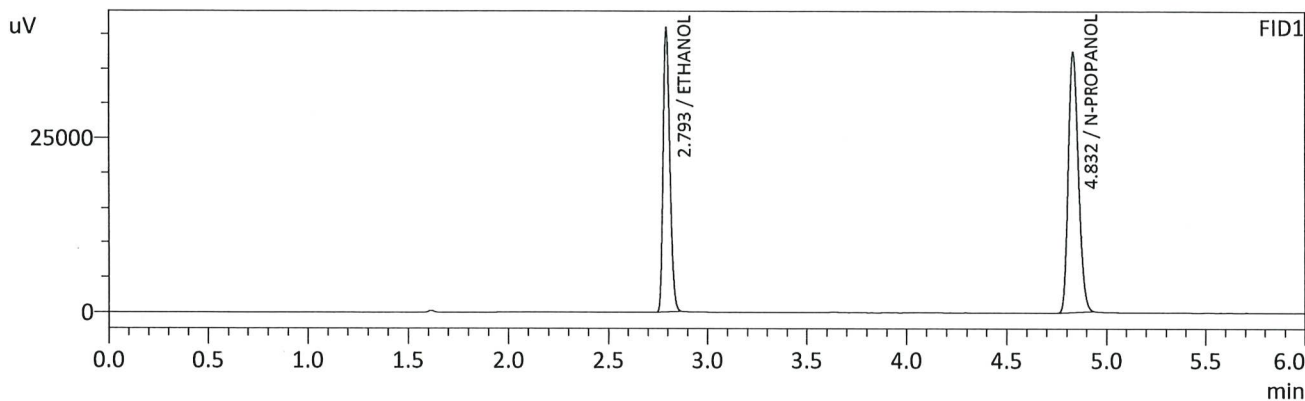
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.1987 | g/100cc | 63085 | 26823 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| 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

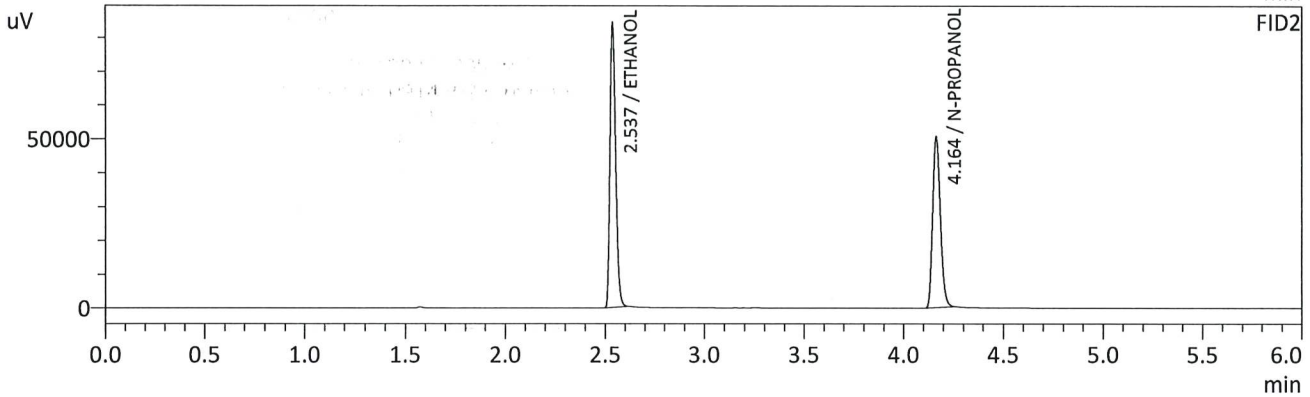
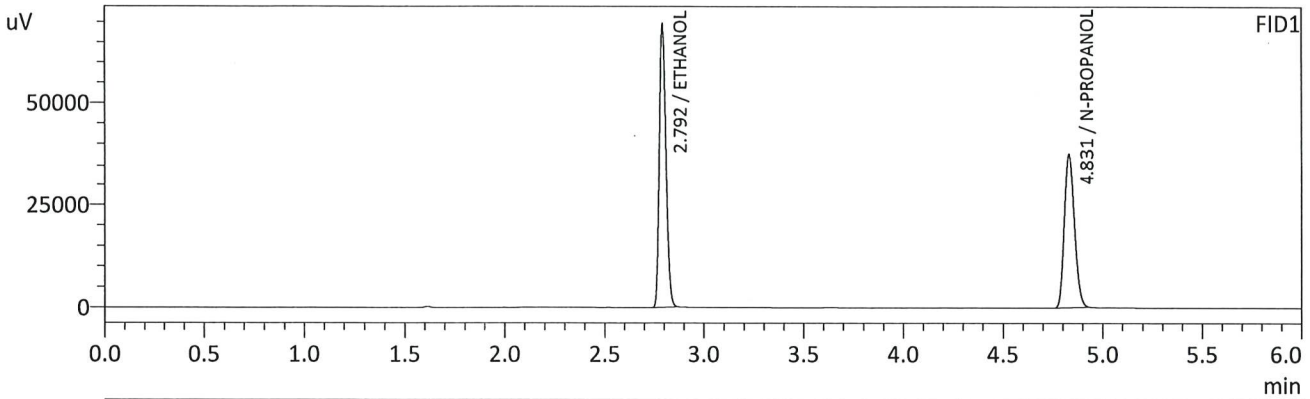
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.2987 | g/100cc | 95738 | 40836 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| 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/initials in blue ink.

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

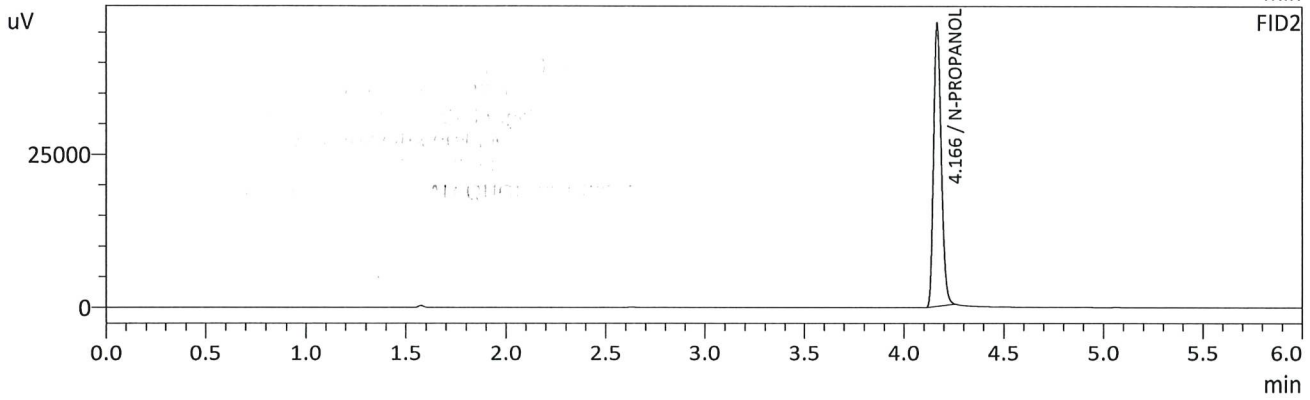
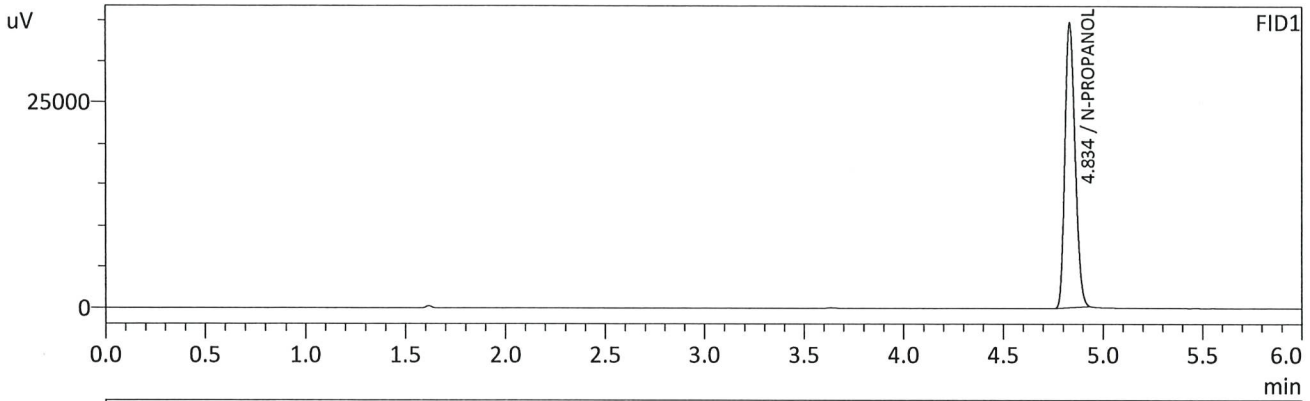
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.5010 | g/100cc | 161786 | 69174 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| 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 # : 1
 Data Filename : INT STD BLK 1_9152023_001.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/15/2023 4:37:04 PM
 Date Processed : 9/15/2023 4:43:05 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



FID1

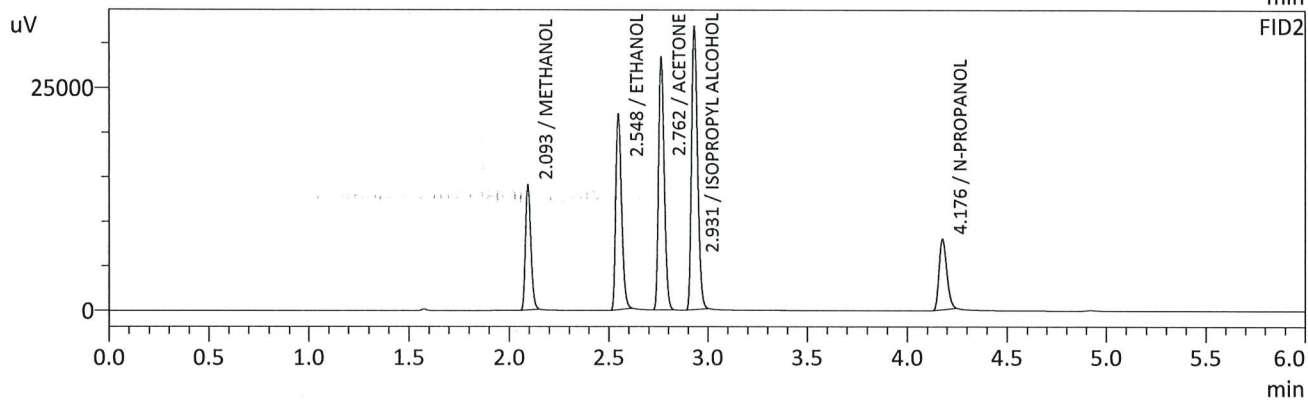
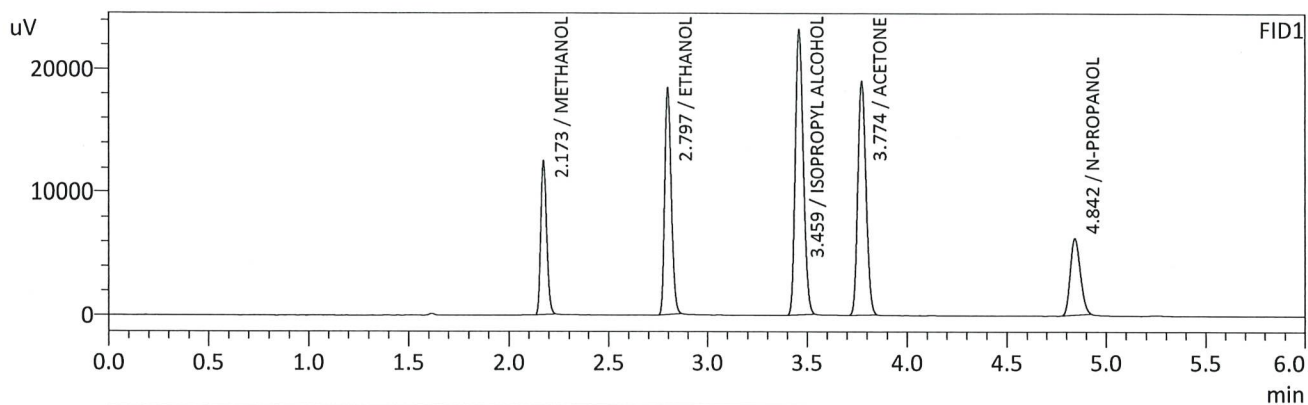
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 122396 | 34644 |
| 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 | 124321 | 46374 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : MULTI-COMP MIX
 Vial # : 2
 Data Filename : MULTI-COMP MIX_9152023_002.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/15/2023 4:46:34 PM
 Date Processed : 9/15/2023 4:52:35 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



FID1

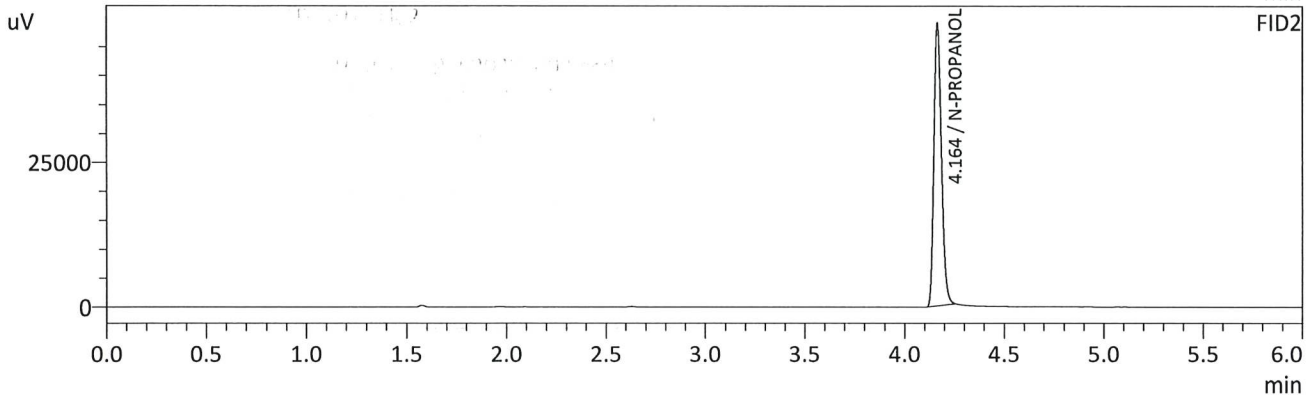
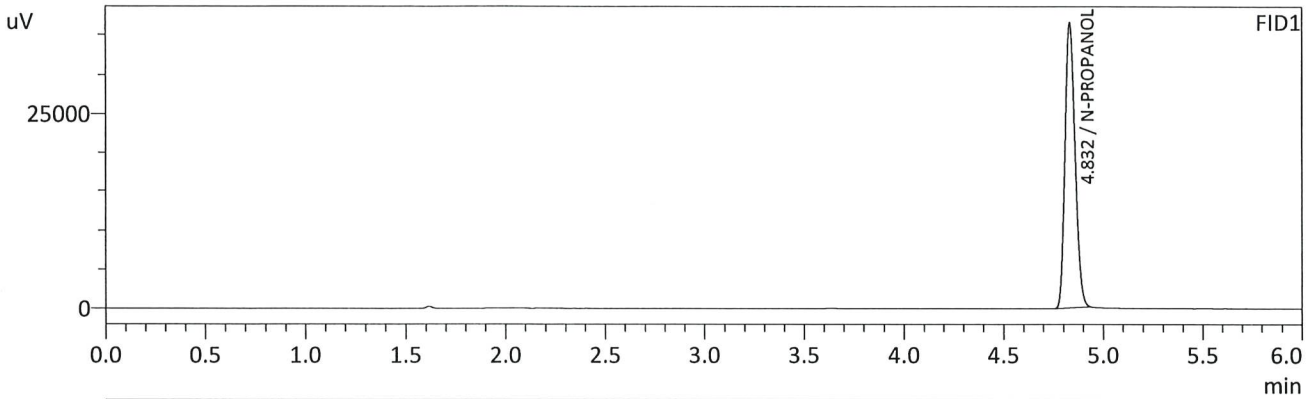
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|-------|--------|
| METHANOL | 0.0000 | g/100cc | 25702 | 12513 |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.8059 | g/100cc | 42908 | 18361 |
| ISOPROPYL ALCOHOL | 0.0000 | g/100cc | 64868 | 23095 |
| ACETONE | 0.0000 | g/100cc | 54524 | 18999 |
| N-PROPANOL | 0.0000 | g/100cc | 21833 | 6253 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|-------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | 0.0000 | g/100cc | 26590 | 14018 |
| ETHANOL | 0.8339 | g/100cc | 43923 | 21703 |
| ACETONE | 0.0000 | g/100cc | 56796 | 28166 |
| ISOPROPYL ALCOHOL | 0.0000 | g/100cc | 66900 | 31401 |
| N-PROPANOL | 0.0000 | g/100cc | 21409 | 7903 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : INT STD BLK 2
 Vial # : 3
 Data Filename : INT STD BLK 2_9152023_003.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/15/2023 4:55:54 PM
 Date Processed : 9/15/2023 5:01:56 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 | 128895 | 36424 |
| 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 | 131455 | 48834 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC1-1 | | | Analysis Date(s): 9/15/2023 5:05:39 PM(-06:00) | | | |
|----------------------|-------------------|-------------------|--|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.0812 | 0.0818 | 0.0006 | 0.0815 | 0.0002 | 0.0816 |
| (g/100cc) | 0.0815 | 0.0820 | 0.0005 | 0.0817 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

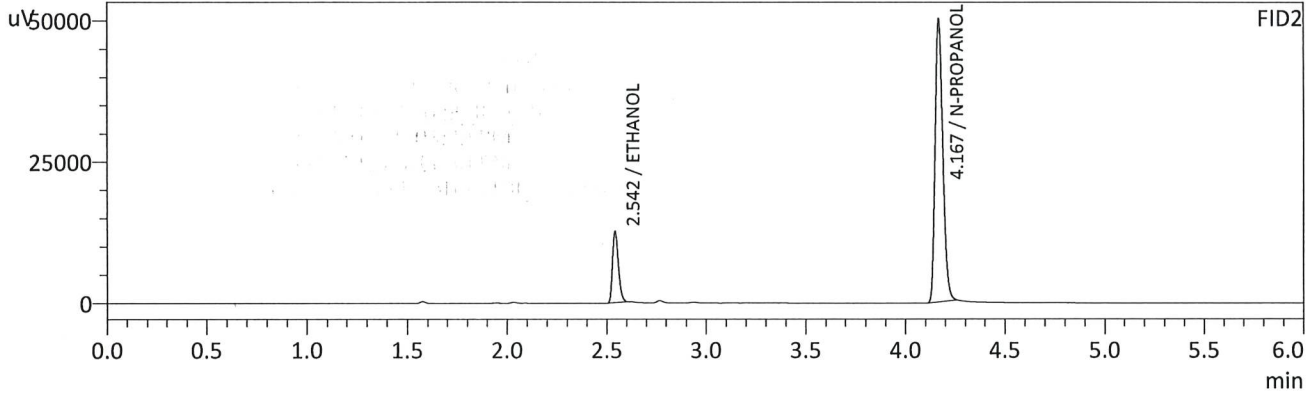
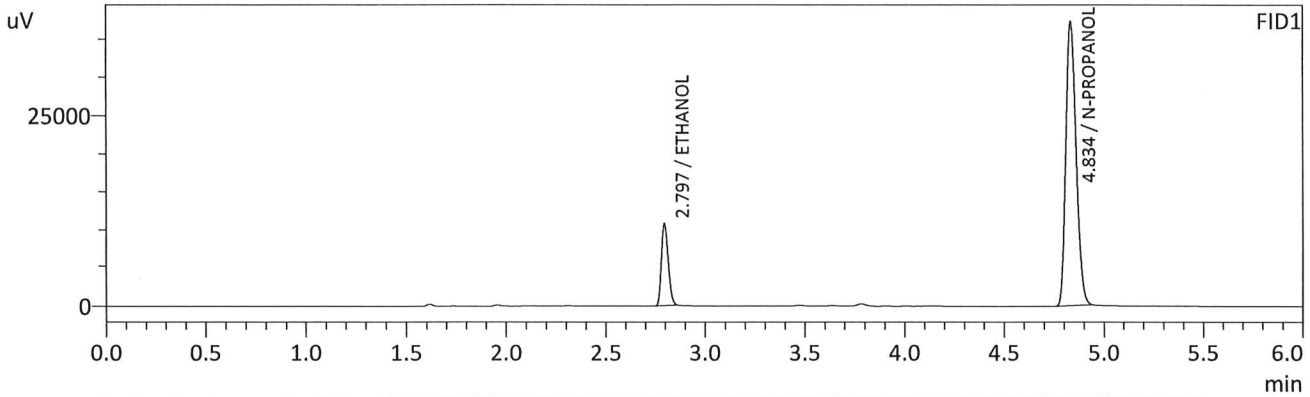
Refer To Instrument Method: ALCOHOL_09142023_rc.gcm

| 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 : QC1-1
 Vial # : 4
 Data Filename : QC1-1_9152023_004.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/15/2023 5:05:39 PM
 Date Processed : 9/15/2023 5:11:40 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



FID1

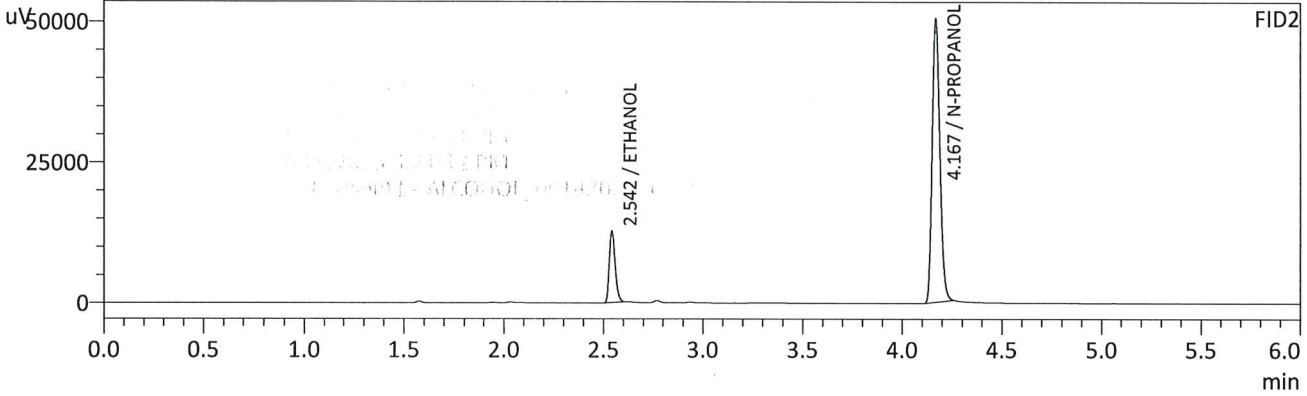
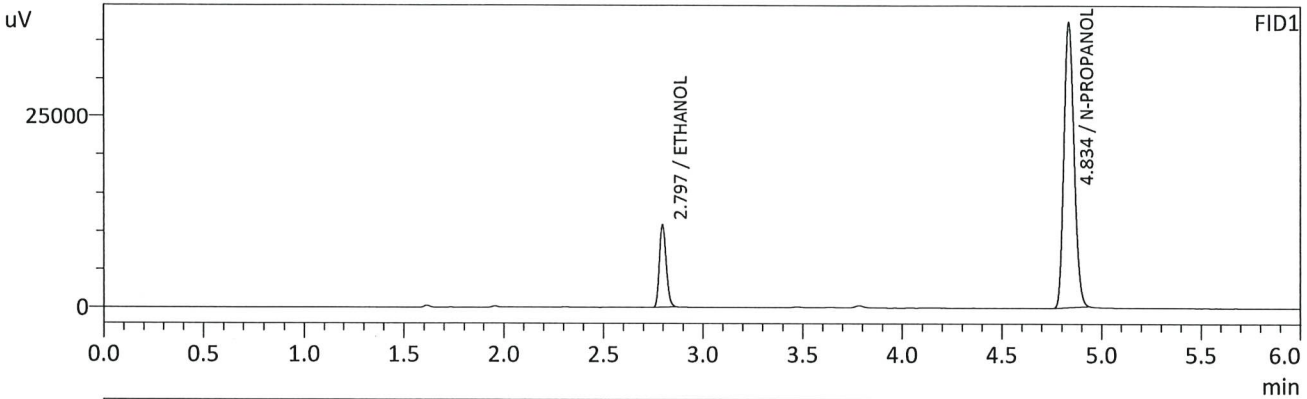
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0812 | g/100cc | 25393 | 10733 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 132001 | 37239 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0818 | g/100cc | 25603 | 12602 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 134636 | 49898 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

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Sample Name : QC1-1-B
 Vial # : 5
 Data Filename : QC1-1-B_9152023_005.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/15/2023 5:15:11 PM
 Date Processed : 9/15/2023 5:21:12 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



FID1

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0815 | g/100cc | 25521 | 10803 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 132233 | 37303 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0820 | g/100cc | 25709 | 12671 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 134947 | 50038 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

AC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: 0.08 QA | | | Analysis Date(s): 9/15/2023 5:24:29 PM(-06:00) | | | |
|------------------------|-------------------|-------------------|--|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.0804 | 0.0813 | 0.0009 | 0.0808 | 0.0052 | 0.0834 |
| (g/100cc) | 0.0857 | 0.0863 | 0.0006 | 0.0860 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

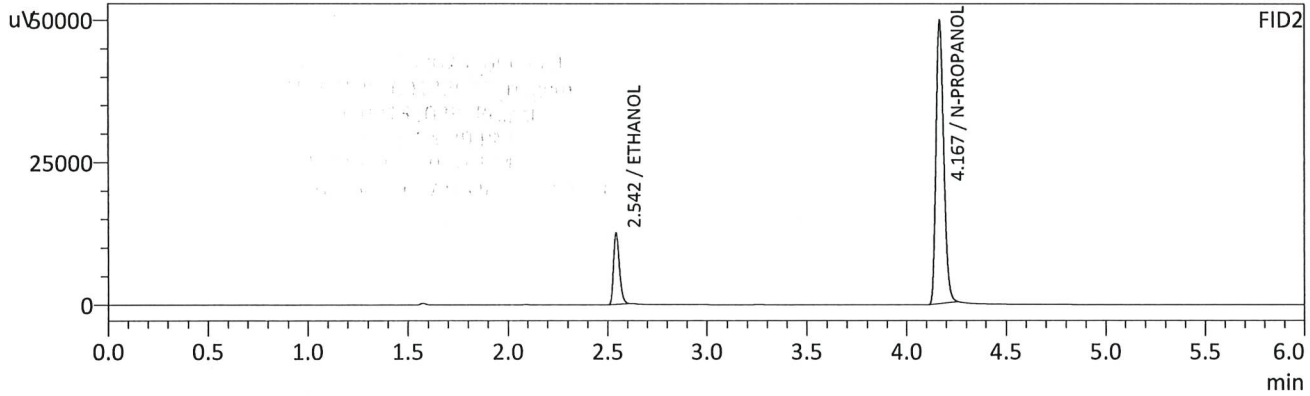
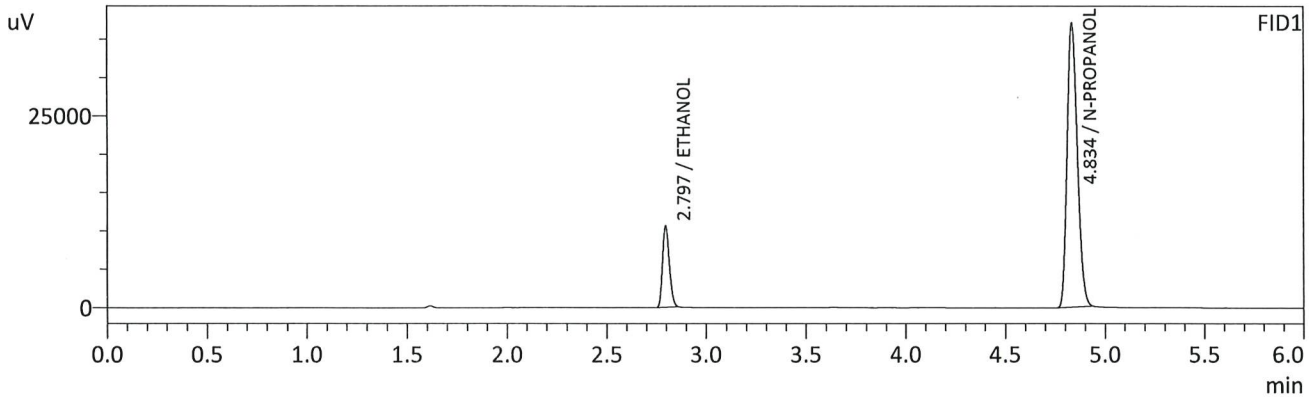
Refer To Instrument Method: ALCOHOL_09142023_rc.gcm

| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.083 | 0.078 | 0.088 | 0.005 |

| | Reported Results |
|--|------------------|
| | 0.083 |

Calibration and control data are stored centrally.

Sample Name : 0.08 QA
 Vial # : 6
 Data Filename : 0.08 QA_9152023_006.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/15/2023 5:24:29 PM
 Date Processed : 9/15/2023 5:30:31 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



FID1

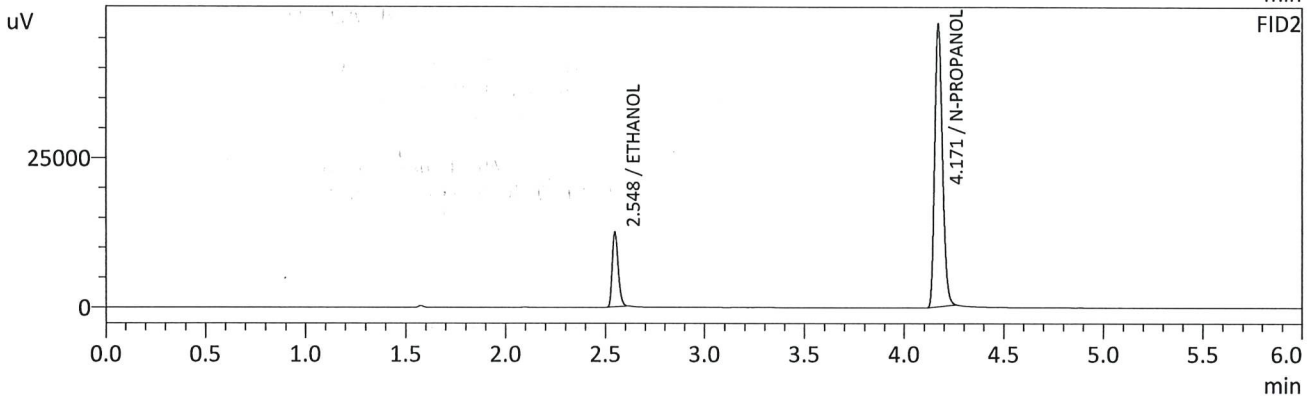
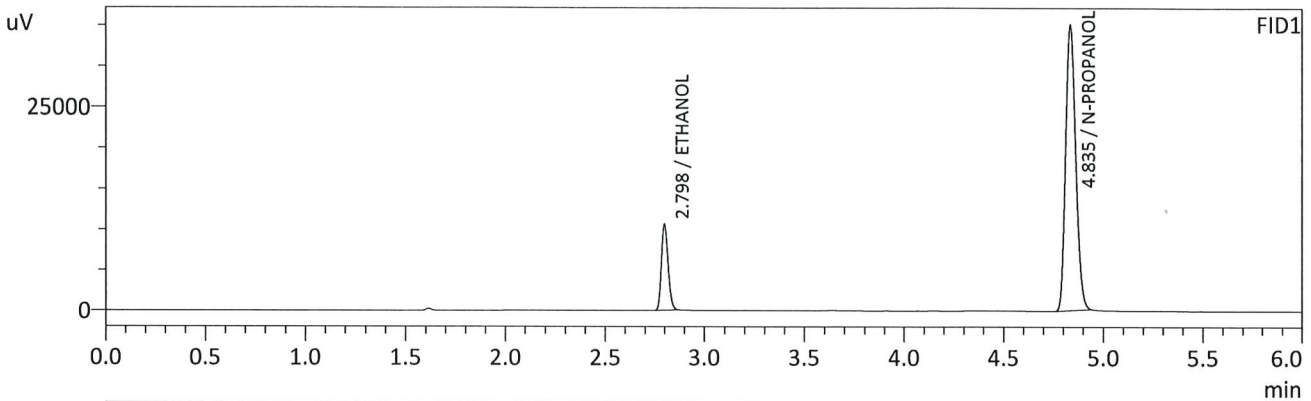
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0804 | g/100cc | 24931 | 10558 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 130973 | 36963 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0813 | g/100cc | 25220 | 12422 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 133576 | 49642 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : 0.08 QA - B
 Vial # : 7
 Data Filename : 0.08 QA - B_9152023_007.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/15/2023 5:34:14 PM
 Date Processed : 9/15/2023 5:40:15 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



FID1

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0857 | g/100cc | 25179 | 10612 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 123792 | 34919 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0863 | g/100cc | 25541 | 12399 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 126970 | 47255 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

JRC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC2-1 | | | Analysis Date(s): 9/15/2023 8:35:06 PM(-06:00) | | | |
|----------------------|-------------------|-------------------|--|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.2057 | 0.2057 | 0.0000 | 0.2057 | 0.0004 | 0.2055 |
| (g/100cc) | 0.2053 | 0.2053 | 0.0000 | 0.2053 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

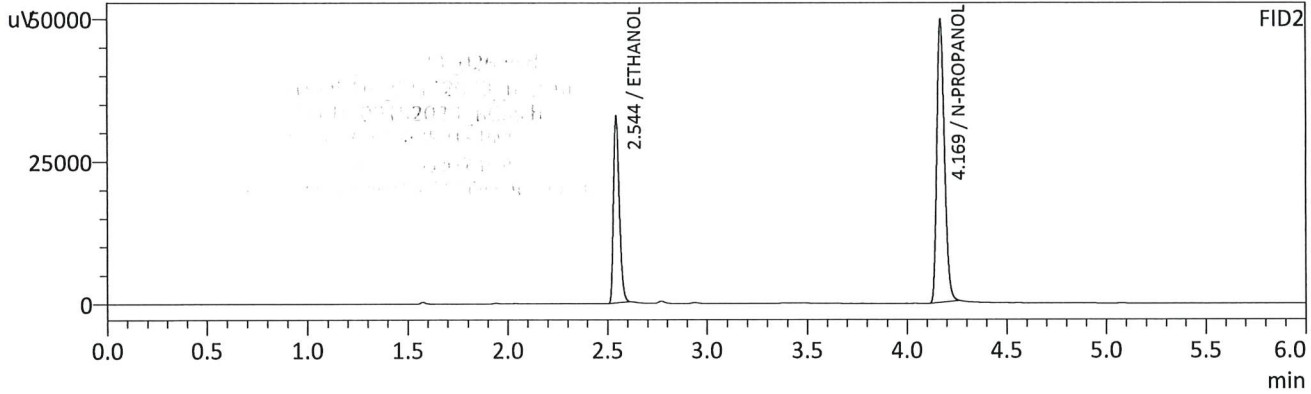
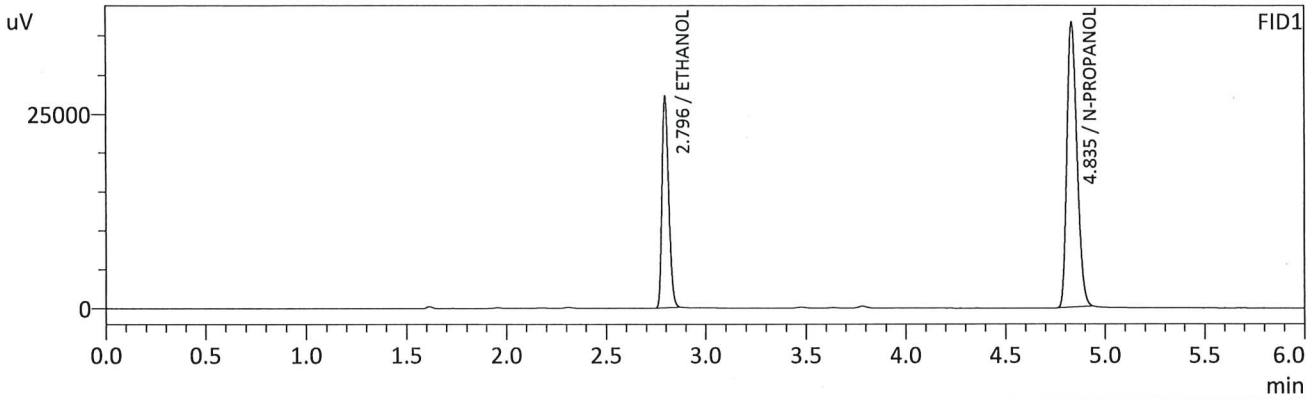
Refer To Instrument Method: ALCOHOL_09142023_rc.gcm

| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.205 | 0.194 | 0.216 | 0.011 |

| | Reported Results |
|--|------------------|
| | 0.205 |

Calibration and control data are stored centrally.

Sample Name : QC2-1
 Vial # : 26
 Data Filename : QC2-1_9152023_026.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/15/2023 8:35:06 PM
 Date Processed : 9/15/2023 8:41:07 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



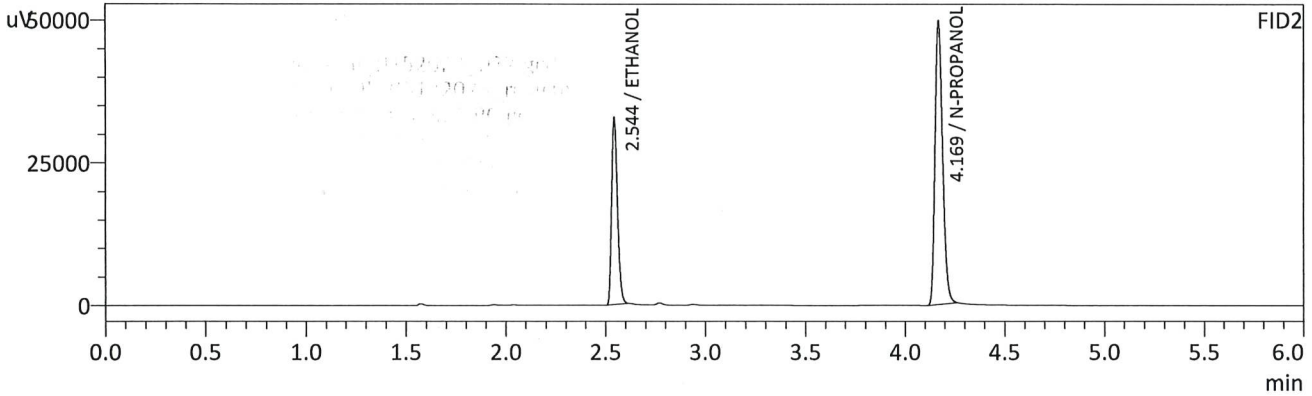
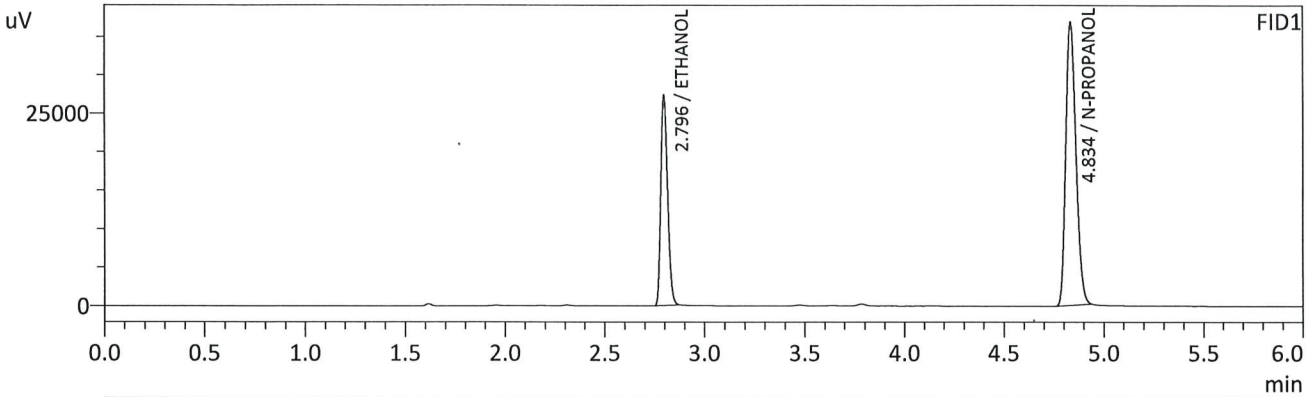
FID1

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.2057 | g/100cc | 64362 | 27057 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 129513 | 36434 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.2057 | g/100cc | 66030 | 32338 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 132967 | 49535 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

Sample Name : QC2-1-B
 Vial # : 27
 Data Filename : QC2-1-B_9152023_027.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/15/2023 8:44:25 PM
 Date Processed : 9/15/2023 8:50:27 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



FID1

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.2053 | g/100cc | 64414 | 27098 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 129851 | 36738 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.2053 | g/100cc | 66066 | 32395 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 133276 | 49622 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

Handwritten signature/initials in blue ink.

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC1-2 | | Analysis Date(s): 9/16/2023 12:04:22 AM(-06:00) | | | | |
|----------------------|-------------------|---|---------------------|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.0871 | 0.0877 | 0.0006 | 0.0874 | 0.0002 | 0.0875 |
| (g/100cc) | 0.0874 | 0.0879 | 0.0005 | 0.0876 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_09142023_rc.gcm

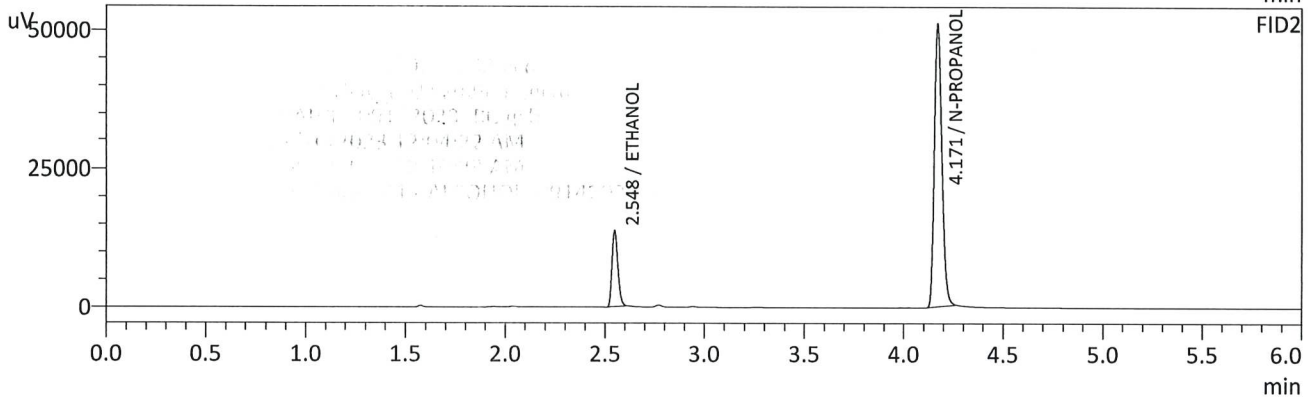
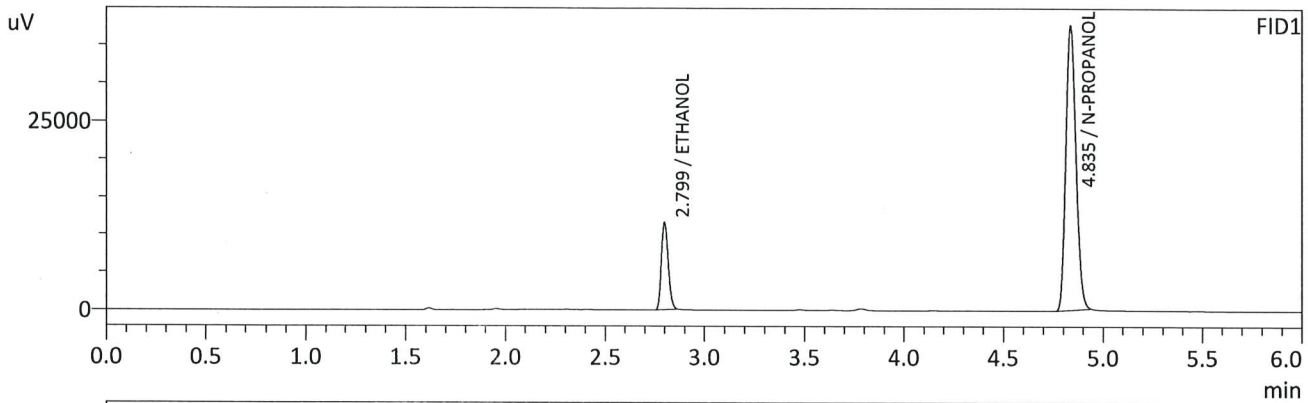
| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.087 | 0.082 | 0.092 | 0.005 |

| | Reported Results |
|--|------------------|
| | 0.087 |

Calibration and control data are stored centrally.

RC

Sample Name : QC1-2
 Vial # : 48
 Data Filename : QC1-2_9152023_048.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/16/2023 12:04:22 AM
 Date Processed : 9/16/2023 12:10:23 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



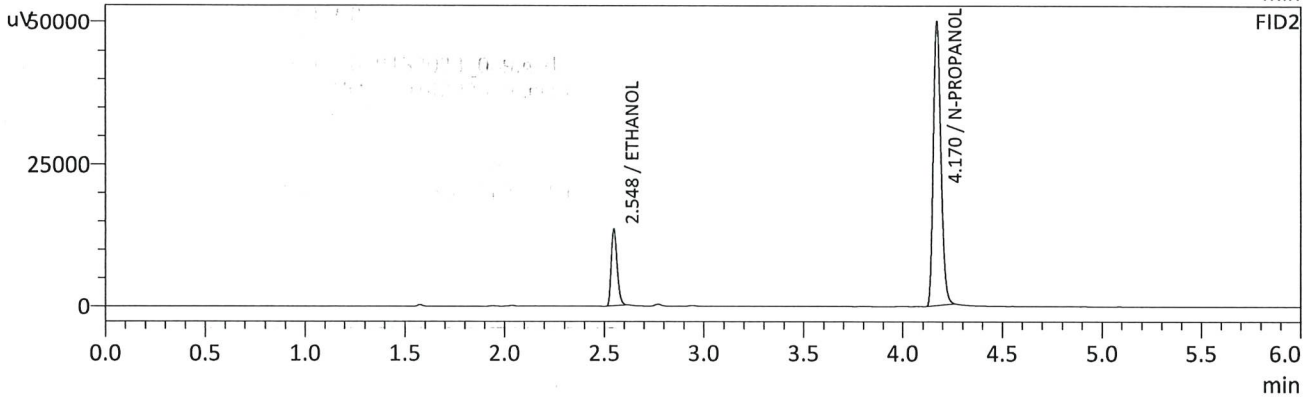
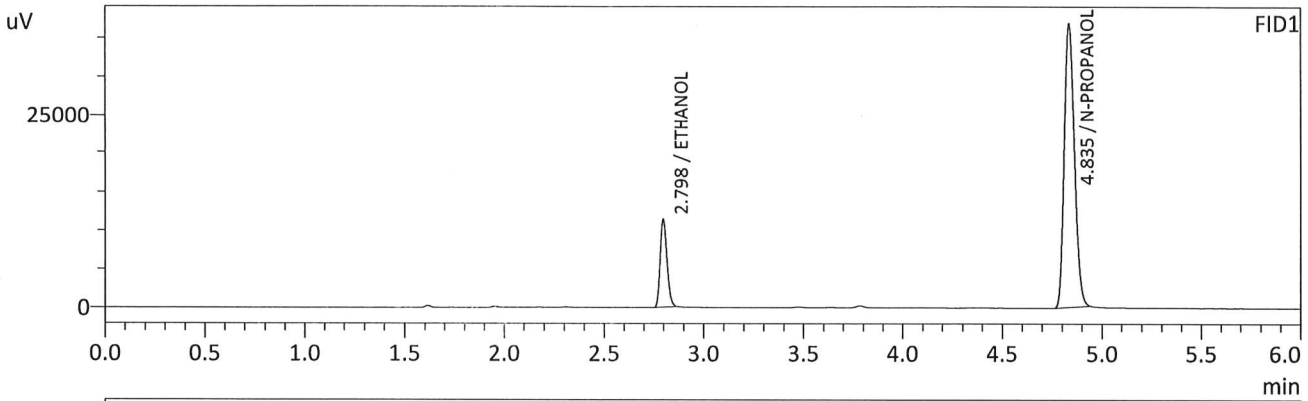
FID1

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0871 | g/100cc | 27440 | 11568 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 132648 | 37444 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0877 | g/100cc | 28011 | 13665 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 136835 | 51058 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

Sample Name : QC1-2-B
 Vial # : 49
 Data Filename : QC1-2-B_9152023_049.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/16/2023 12:14:07 AM
 Date Processed : 9/16/2023 12:20:09 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



FID1

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0874 | g/100cc | 26985 | 11378 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 130098 | 36631 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0879 | g/100cc | 27523 | 13403 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 134151 | 49947 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC2-2 | | Analysis Date(s): 9/16/2023 12:42:40 AM(-06:00) | | | | |
|----------------------|-------------------|---|---------------------|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.2130 | 0.2138 | 0.0008 | 0.2134 | 0.0017 | 0.2125 |
| (g/100cc) | 0.2114 | 0.2120 | 0.0006 | 0.2117 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

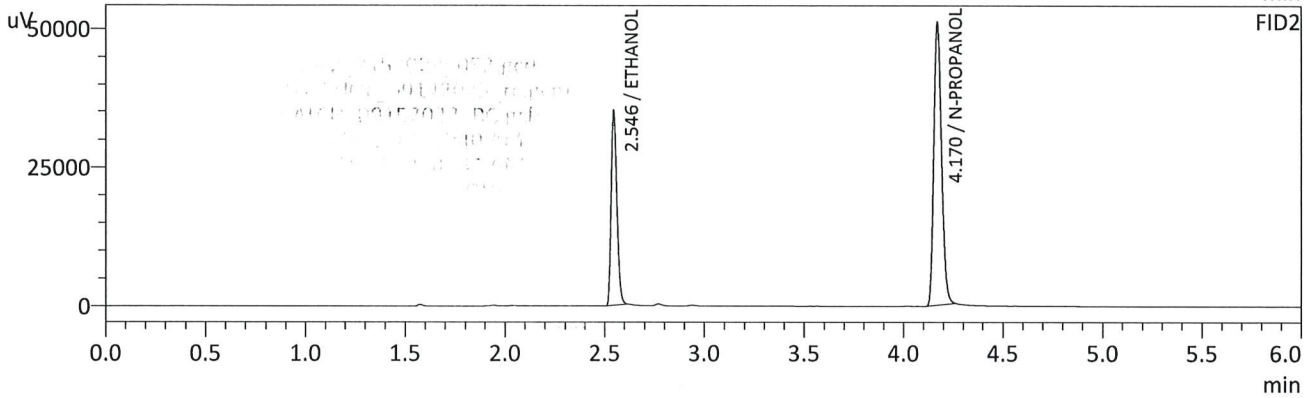
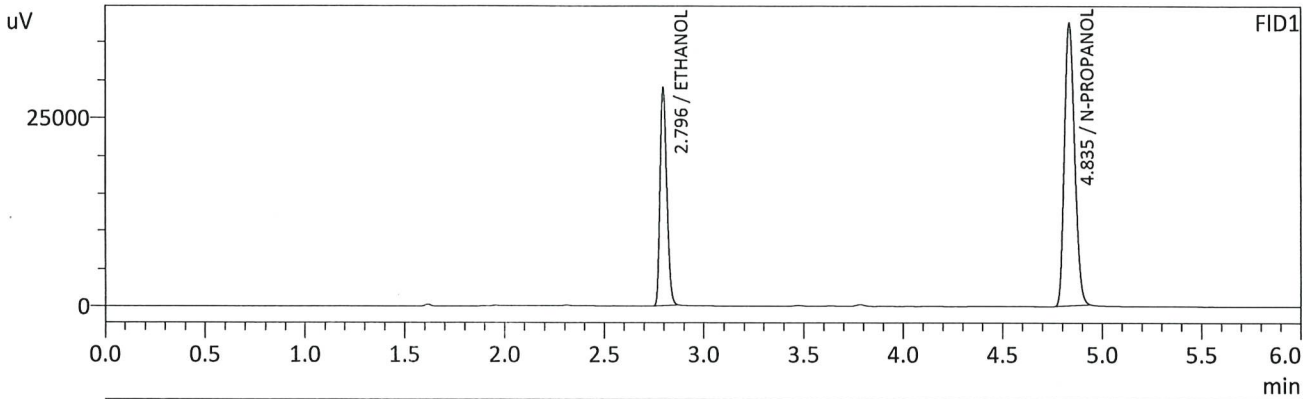
Refer To Instrument Method: ALCOHOL_09142023_rc.gcm

| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.212 | 0.201 | 0.223 | 0.011 |

| | Reported Results |
|--|------------------|
| | 0.212 |

Calibration and control data are stored centrally.

Sample Name : QC2-2
 Vial # : 52
 Data Filename : QC2-2_9152023_052.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/16/2023 12:42:40 AM
 Date Processed : 9/16/2023 12:48:42 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



FID1

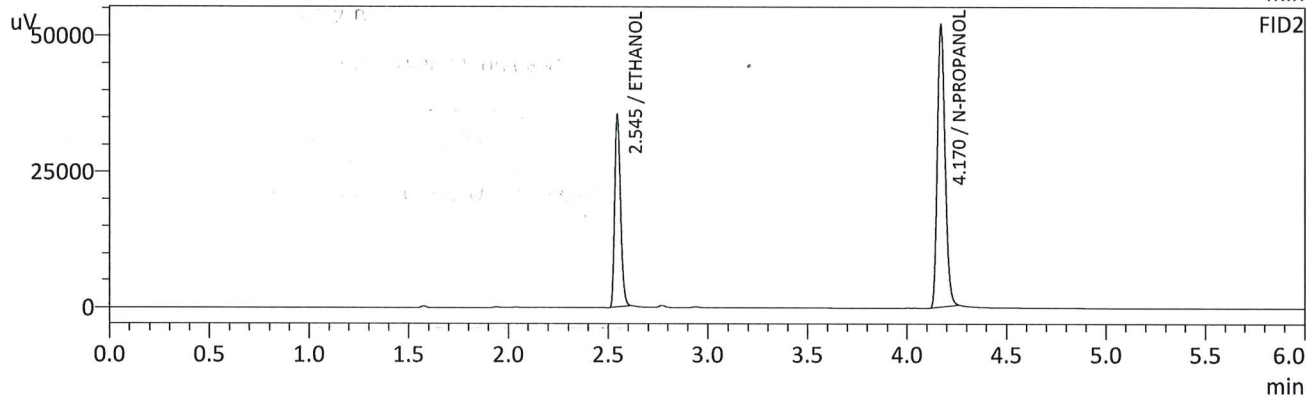
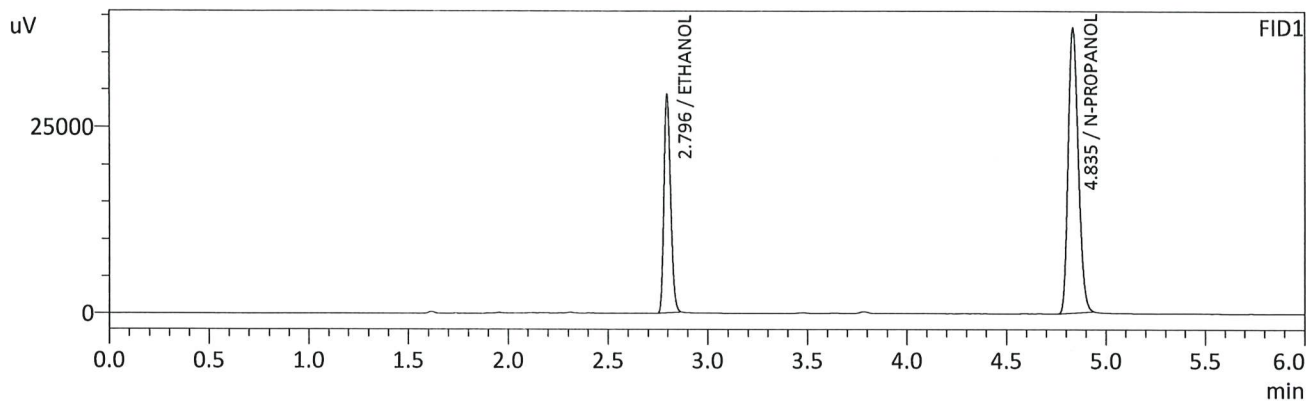
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.2130 | g/100cc | 68246 | 28723 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 132597 | 37279 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.2138 | g/100cc | 70516 | 34901 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 136476 | 51058 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : QC2-2-B
 Vial # : 53
 Data Filename : QC2-2-B_9152023_053.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/16/2023 12:52:11 AM
 Date Processed : 9/16/2023 12:58:13 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



FID1

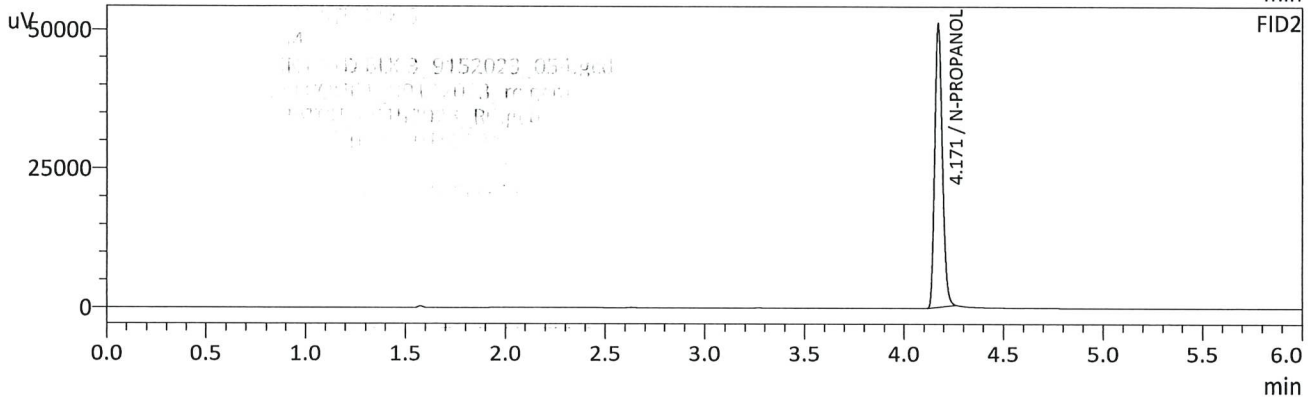
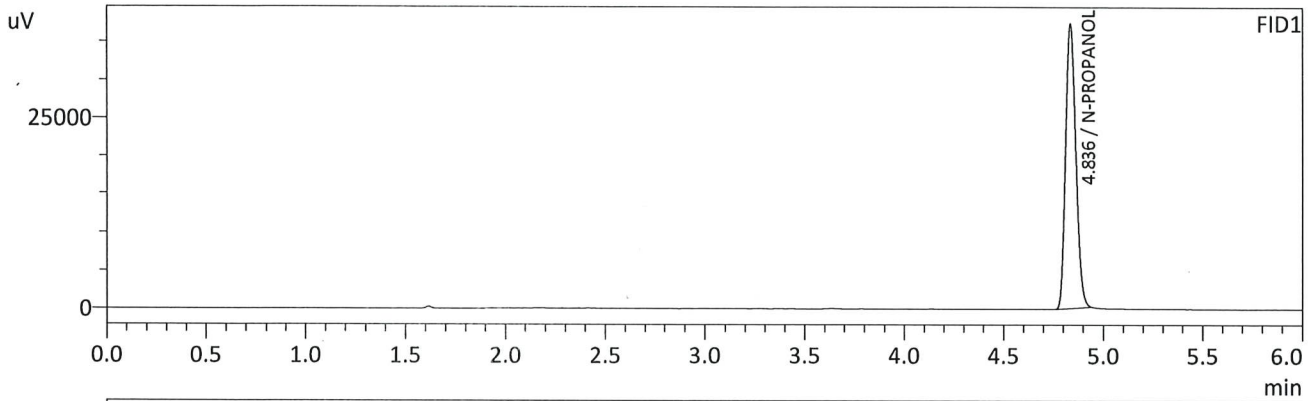
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.2114 | g/100cc | 69188 | 29034 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 135435 | 38132 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.2120 | g/100cc | 71317 | 35269 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 139178 | 51965 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

Handwritten signature/initials

Sample Name : INT STD BLK 3
 Vial # : 54
 Data Filename : INT STD BLK 3_9152023_054.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/16/2023 1:01:27 AM
 Date Processed : 9/16/2023 1:07:29 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_09142023_rc.gcm



FID1

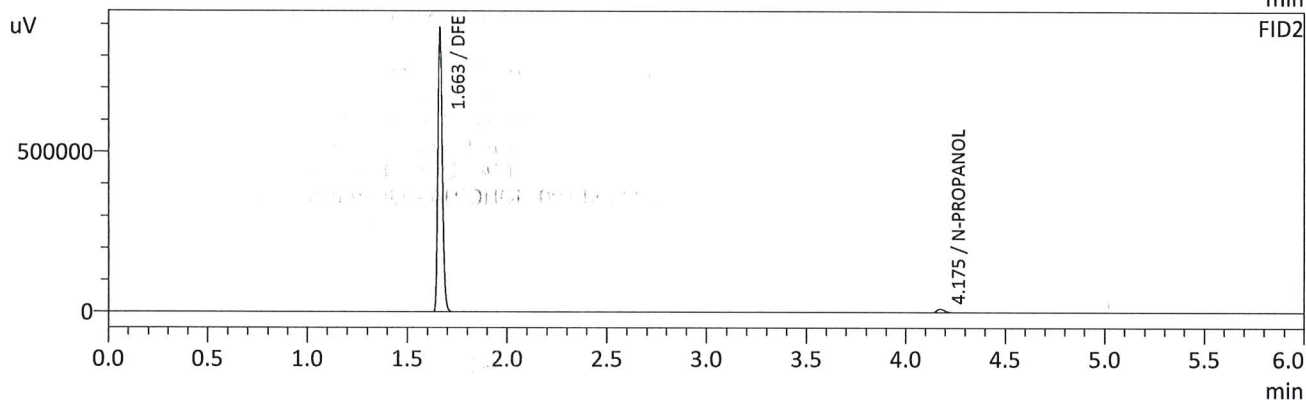
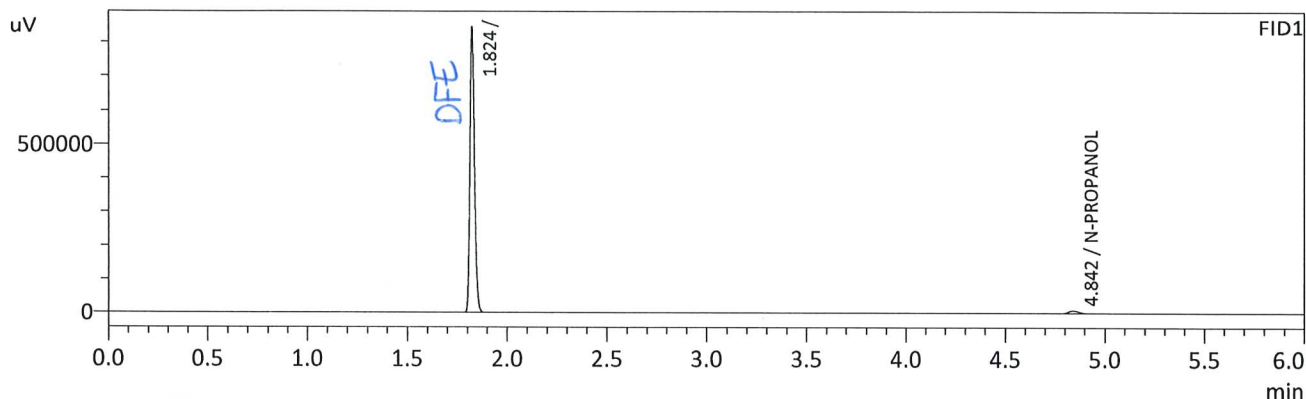
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 131513 | 37085 |
| 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 | 135726 | 50843 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

Handwritten signature/initials

Sample Name : DFE LOT OMO47369
 Vial # : 55
 Data Filename : DFE LOT OMO47369_9152023_055.gcd
 Method Filename : ALCOHOL_09142023_rc.gcm
 Batch Filename : BATCH_09152023_RC.gcb
 Date Acquired : 9/16/2023 1:11:19 AM
 Date Processed : 9/16/2023 1:17:19 AM
 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 | 29813 | 8479 |
| 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 | 29931 | 11124 |
| DFE | 0.0000 | g/100cc | 1390449 | 875949 |
| TFE | -- | g/100cc | -- | -- |

JPC

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 | INT STD BLK 1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1098 - INT STD BLK 1_9142023_006.gcd | 0 |
| 2 | MULTI-COMP MIX | 0:Unknown | ALCOHOL_09142023_rc.gcm | 099 - MULTI-COMP MIX_9142023_007.gcd | 1 |
| 3 | INT STD BLK 2 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1100 - INT STD BLK 2_9142023_008.gcd | 0 |
| 4 | QC1-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1101 - QC1-1_9142023_009.gcd | 0 |
| 5 | QC1-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1102 - QC1-1-B_9142023_010.gcd | 0 |
| 6 | 0.08 QA | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1103 - 0.08 QA_9142023_011.gcd | 0 |
| 7 | 0.08 QA - B | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1104 - 0.08 QA - B_9142023_012.gcd | 0 |
| 8 | P2023-2004-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1105 - P2023-2799-1_9142023_013.gcd | 0 |
| 9 | P2023-2004-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1106 - P2023-2799-1-B_9142023_014.gcd | 0 |
| 10 | P2023-2823-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1107 - P2023-2799-2_9142023_015.gcd | 0 |
| 11 | P2023-2823-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1108 - P2023-2799-2-B_9142023_016.gcd | 0 |
| 12 | P2023-2860-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1109 - P2023-2799-3_9142023_017.gcd | 0 |
| 13 | P2023-2860-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1110 - P2023-2799-3-B_9142023_018.gcd | 0 |
| 14 | P2023-2861-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1111 - P2023-2799-4_9142023_019.gcd | 0 |
| 15 | P2023-2861-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1112 - P2023-2799-4-B_9142023_020.gcd | 0 |
| 16 | P2023-2866-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1113 - P2023-2645-1_9142023_021.gcd | 0 |
| 17 | P2023-2866-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1114 - P2023-2645-1-B_9142023_022.gcd | 0 |
| 18 | P2023-2867-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1115 - P2023-2699-1_9142023_023.gcd | 0 |
| 19 | P2023-2867-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1116 - P2023-2699-1-B_9142023_024.gcd | 0 |
| 20 | P2023-2874-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1117 - P2023-2707-1_9142023_025.gcd | 0 |
| 21 | P2023-2874-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1118 - P2023-2707-1-B_9142023_026.gcd | 0 |
| 22 | P2023-2875-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1119 - P2023-2708-1_9142023_027.gcd | 0 |
| 23 | P2023-2875-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1120 - P2023-2708-1-B_9142023_028.gcd | 0 |
| 24 | P2023-2888-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1121 - P2023-2709-1_9142023_029.gcd | 0 |
| 25 | P2023-2888-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1122 - P2023-2709-1-B_9142023_030.gcd | 0 |
| 26 | QC2-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1123 - QC2-1_9142023_031.gcd | 0 |
| 27 | QC2-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1124 - QC2-1-B_9142023_032.gcd | 0 |
| 28 | P2023-2892-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1125 - P2023-2710-1_9142023_033.gcd | 0 |
| 29 | P2023-2892-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1126 - P2023-2710-1-B_9142023_034.gcd | 0 |
| 30 | P2023-2909-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1127 - P2023-2712-1_9142023_035.gcd | 0 |
| 31 | P2023-2909-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1128 - P2023-2712-1-B_9142023_036.gcd | 0 |
| 32 | P2023-2912-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1129 - P2023-2740-1_9142023_037.gcd | 0 |
| 33 | P2023-2912-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1130 - P2023-2740-1-B_9142023_038.gcd | 0 |
| 34 | P2023-2914-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1131 - P2023-2766-1_9142023_039.gcd | 0 |
| 35 | P2023-2914-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1132 - P2023-2766-1-B_9142023_040.gcd | 0 |
| 36 | P2023-2915-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1133 - P2023-2779-1_9142023_041.gcd | 0 |
| 37 | P2023-2915-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1134 - P2023-2779-1-B_9142023_042.gcd | 0 |
| 38 | P2023-2930-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1135 - P2023-2781-1_9142023_043.gcd | 0 |
| 39 | P2023-2930-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1136 - P2023-2781-1-B_9142023_044.gcd | 0 |
| 40 | P2023-2931-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1137 - P2023-2783-1_9142023_045.gcd | 0 |
| 41 | P2023-2931-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1138 - P2023-2783-1-B_9142023_046.gcd | 0 |
| 42 | P2023-2942-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1139 - P2023-2785-1_9142023_047.gcd | 0 |
| 43 | P2023-2942-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1140 - P2023-2785-1-B_9142023_048.gcd | 0 |
| 44 | P2023-2963-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1141 - P2023-2793-1_9142023_049.gcd | 0 |
| 45 | P2023-2963-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1142 - P2023-2793-1-B_9142023_050.gcd | 0 |
| 46 | P2023-2967-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1143 - P2023-2800-1_9142023_051.gcd | 0 |
| 47 | P2023-2967-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1144 - P2023-2800-1-B_9142023_052.gcd | 0 |
| 48 | QC1-2 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1145 - QC1-2_9142023_053.gcd | 0 |
| 49 | QC1-2-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1146 - QC1-2-B_9142023_054.gcd | 0 |
| 50 | P2023-2969-1 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1147 - P2023-2820-1_9142023_055.gcd | 0 |
| 51 | P2023-2969-1-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | -1148 - P2023-2820-1-B_9142023_056.gcd | 0 |
| 52 | QC2-2 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1163 - QC2-2_9142023_071.gcd | 0 |
| 53 | QC2-2-B | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1164 - QC2-2-B_9142023_072.gcd | 0 |
| 54 | INT STD BLK 3 | 0:Unknown | ALCOHOL_09142023_rc.gcm | | 0 |
| 55 | DFE LOT OMO47369 | 0:Unknown | ALCOHOL_09142023_rc.gcm | 1-1165 - INT STD BLK 3_9142023_073.gcd | 0 |