

REVIEWED

By Melissa (Nikka) Bradley at 10:06 am, Sep 13, 2024

NB

9/11/2024

Worklist: 6922

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> | |
|-----------------|-------------|------------------|-----------------------|---|
| P2024-2679 | 1 | BCK | Alcohol Analysis |  |
| P2024-2680 | 1 | BCK | Alcohol Analysis |  |
| P2024-2683 | 1 | BCK | Alcohol Analysis |  |
| P2024-2703 | 1 | BCK | Alcohol Analysis |  |
| P2024-2720 | 1 | BCK | Alcohol Analysis |  |
| P2024-2728 | 1 | BCK | Alcohol Analysis |  |
| P2024-2729 | 1 | BCK | Alcohol Analysis |  |
| P2024-2730 | 1 | BCK | Alcohol Analysis |  |
| P2024-2744 | 1 | BCK | Alcohol Analysis |  |
| P2024-2758 | 1 | BCK | Alcohol Analysis |  |
| P2024-2759 | 1 | BCK | Alcohol Analysis |  |
| P2024-2760 | 1 | BCK | Alcohol Analysis |  |
| P2024-2761 | 1 | BCK | Alcohol Analysis |  |
| P2024-2763 | 1 | BCK | BATS Proficiency Test |  |
| P2024-2848 | 1 | BCK | Alcohol Analysis |  |

Ran P2024-2650-1 from Worklist 6912

PC

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): 9/11/24

Calibration Date: (if different):

Worklist #: 6922

| Control level | Expiration | Lot # | Target Value | Acceptable Range | Overall Results |
|--------------------------|------------|----------|--------------|------------------|-----------------|
| Level 1 | Oct-26 | 2209047 | 0.0877 | 0.0789-0.0964 | 0.0817 g/100cc |
| | | | | | 0.0891 g/100cc |
| | | | | | g/100cc |
| Level 2 | Mar-26 | 2110181 | 0.2030 | 0.1827-0.2233 | 0.2061 g/100cc |
| | | | | | g/100cc |
| | | | | | g/100cc |
| Multi-Component mixture: | | Exp: | 2024 October | Lot # | FN06041902 OK |
| Curve Fit: | | Column 1 | Column 1 | Column 2 | 0.99989 |

Ethanol Calibration Reference Material

| Calibrator level | Target Value | Acceptable Range | Column 1 | Column 2 | Precision | Mean |
|------------------|--------------|------------------|----------|----------|-----------|---------|
| 50 | 0.050 | 0.045 - 0.055 | 0.0513 | 0.0517 | 0.0004 | 0.0515 |
| 100 | 0.100 | 0.090 - 0.110 | 0.1004 | 0.1003 | 0.0001 | 0.1003 |
| 200 | 0.200 | 0.180 - 0.220 | 0.1985 | 0.1981 | 0.0004 | 0.1983 |
| 300 | 0.300 | 0.270 - 0.330 | 0.2983 | 0.2981 | 0.0002 | 0.2982 |
| 400 | 0.400 | 0.360 - 0.440 | | | 0 | #DIV/0! |
| 500 | 0.500 | 0.450 - 0.550 | 0.5013 | 0.5016 | 0.0003 | 0.5014 |

Aqueous Controls

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

Internal Standard Monitoring Worksheet

Worksheet #: 6922 **Run Date(s):** 9/11/24

Internal Standard Solution: **Prep Date:** 8/15/2024 **Exp Date:** 2/15/2025

| Sample Name | Column 1 Value | Column 2 Value |
|-------------|----------------|----------------|
| 0.080 | 172646 | 172344 |
| 0.080 | 173099 | 173009 |
| QC1 | 175985 | 175624 |
| QC1 | 174752 | 174721 |
| QC1 | 183407 | 184462 |
| QC1 | 185297 | 186415 |
| QC1 | | |
| QC1 | | |
| QC2 | 171328 | 170768 |
| QC2 | 170126 | 169479 |
| QC2 | | |
| QC2 | | |
| QC2 | | |
| QC2 | | |

| | Average | (-)20% | (+)20% |
|----------|----------|----------|----------|
| Column 1 | 175830.0 | 140664.0 | 210996.0 |
| Column 2 | 175852.8 | 140682.2 | 211023.3 |

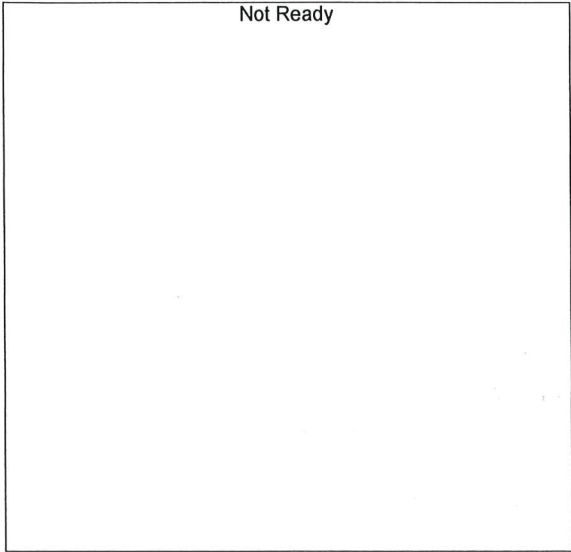
Revision: 5

Issue Date: 07/05/2022

Calibration Table

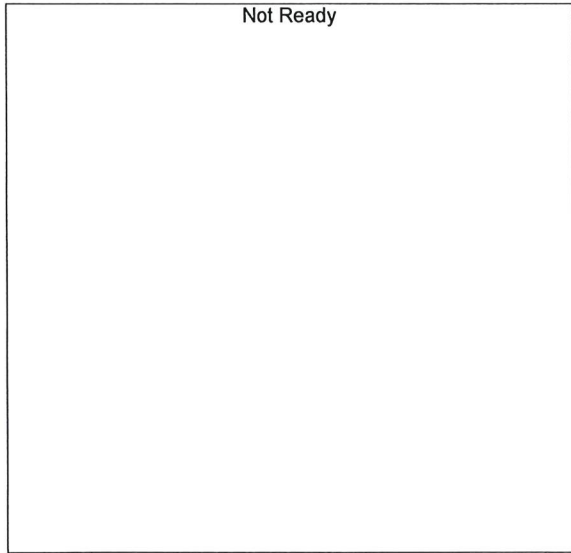
Laboratory: Pocatello
 Instrument Name : GC SN- C12255850662 / HS SN- C12595700014

<<Data File>>
 Method File :Default Project - ALCOHOL_091124_RC.gcm
 Batch File :Default Project - BATCH_91124_RC.gcb
 Date Acquired :9/11/2024 12:33:58 PM
 Date Created :9/11/2024 12:30:28 PM
 Date Modified :9/11/2024 12:40:00 PM



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

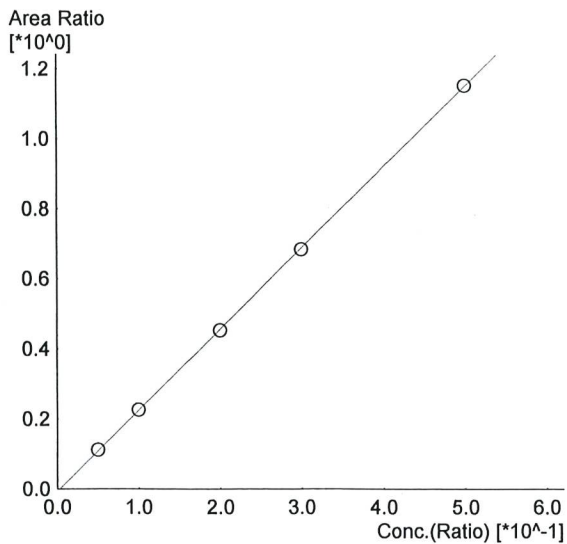
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|



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



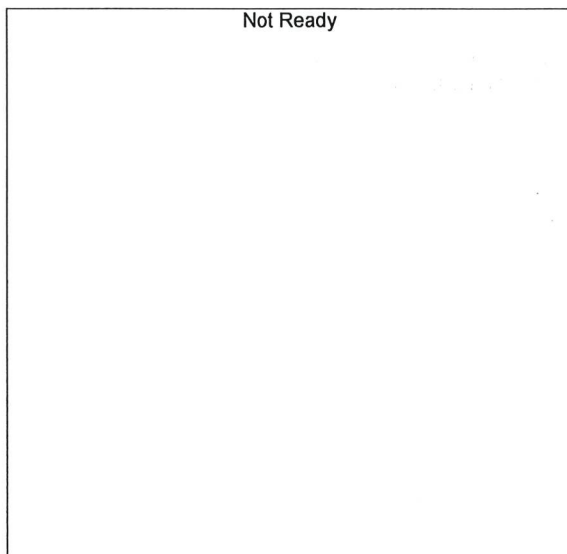
Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=2.31277*x-0.00719523$
 R² value= 0.9999297 ✓
 FitType: Linear
 ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|--------|------------|-----------------------|
| 1 | 0.050 | 19145 | 0.0513 | 0.050_9112024_001.gcd |
| 2 | 0.100 | 38884 | 0.1004 | 0.100_9112024_002.gcd |
| 3 | 0.200 | 78735 | 0.1985 | 0.200_9112024_003.gcd |
| 4 | 0.300 | 119445 | 0.2983 | 0.300_9112024_004.gcd |
| 5 | 0.500 | 201954 | 0.5013 | 0.500_9112024_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/TFE
Detector Name: FID1
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 : DME
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

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

Not Ready

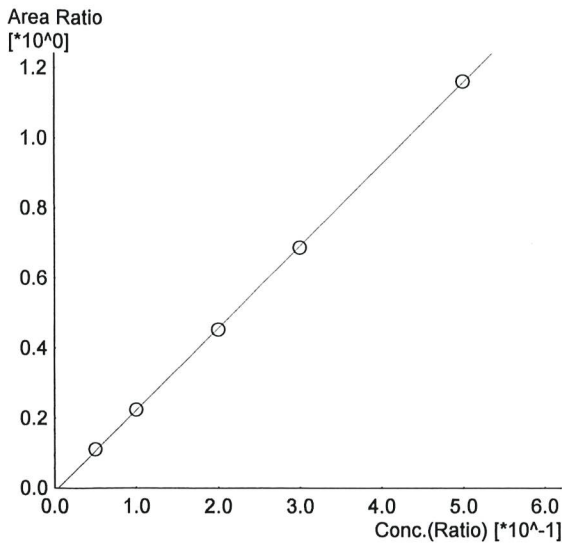
Name : ACETALDEHYDE
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

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



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 : $f(x)=2.33468*x-0.0104885$
 R² value= 0.9998984 ✓
 FitType: Linear
 ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|--------|------------|-----------------------|
| 1 | 0.050 | 19060 | 0.0517 | 0.050_9112024_001.gcd |
| 2 | 0.100 | 38834 | 0.1003 | 0.100_9112024_002.gcd |
| 3 | 0.200 | 79050 | 0.1981 | 0.200_9112024_003.gcd |
| 4 | 0.300 | 120345 | 0.2981 | 0.300_9112024_004.gcd |
| 5 | 0.500 | 204158 | 0.5016 | 0.500_9112024_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 |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

RC

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

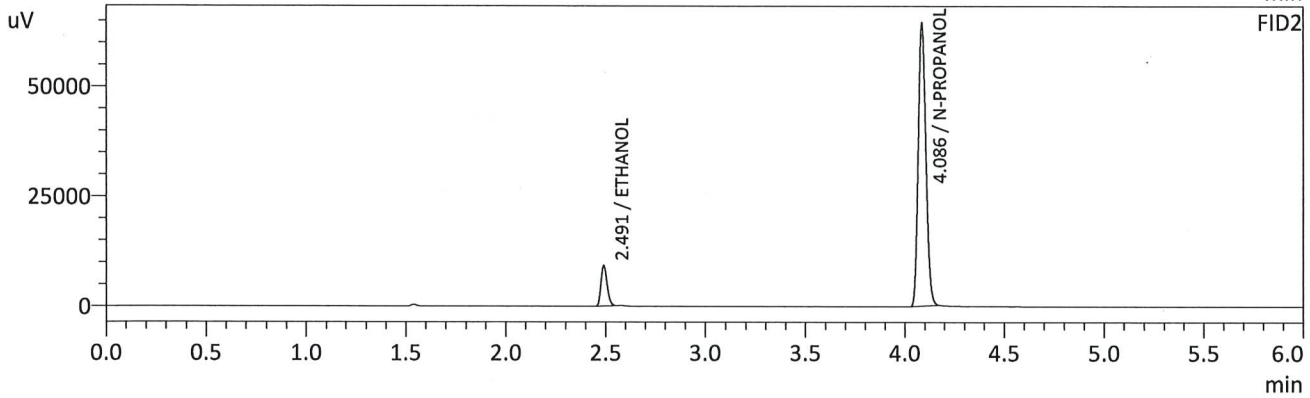
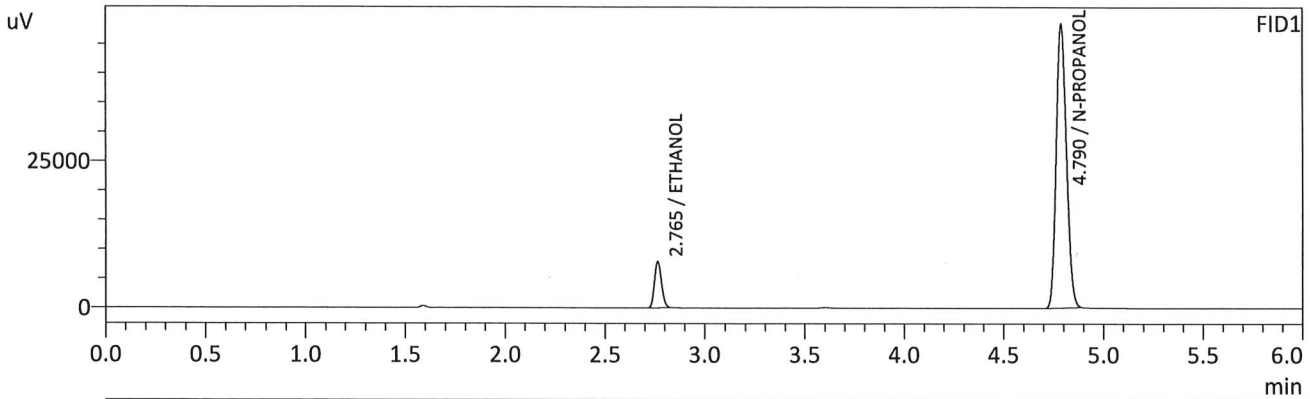
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

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_9112024_001.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 11:55:51 AM
 Date Processed : 9/12/2024 9:13:11 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

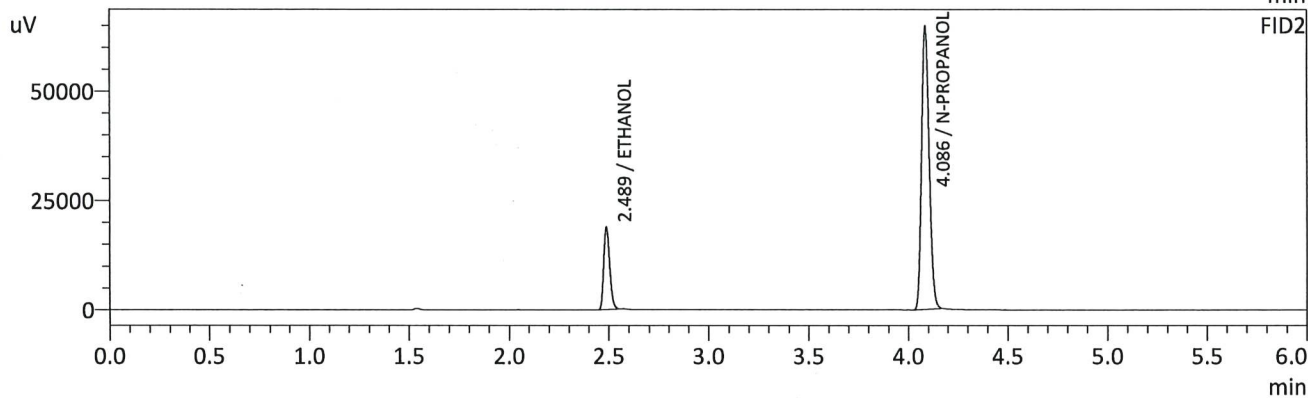
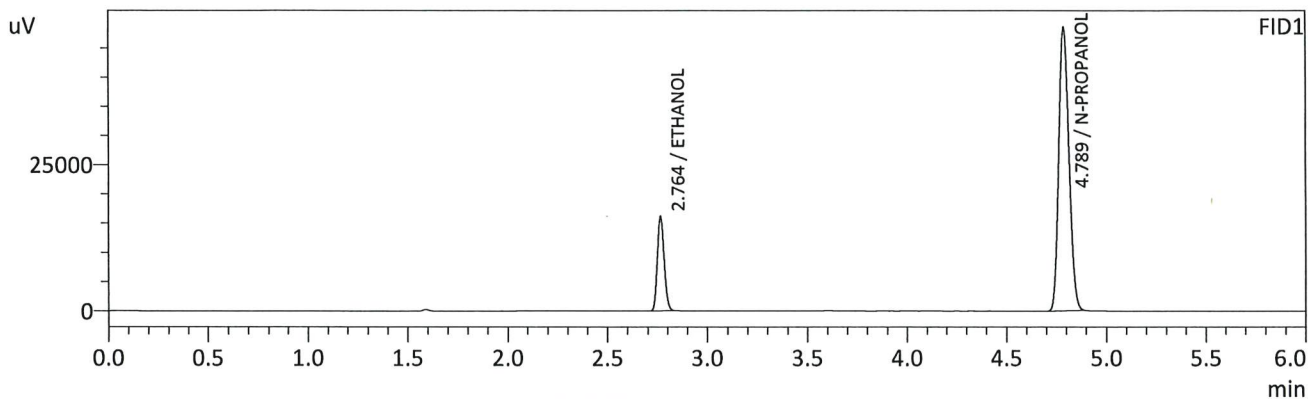
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0513 | g/100cc | 19145 | 7895 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 171572 | 48415 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0517 | g/100cc | 19060 | 9149 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 172765 | 64460 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : 0.100
 Vial # : 2
 Data Filename : 0.100_9112024_002.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 12:05:20 PM
 Date Processed : 9/12/2024 9:13:17 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

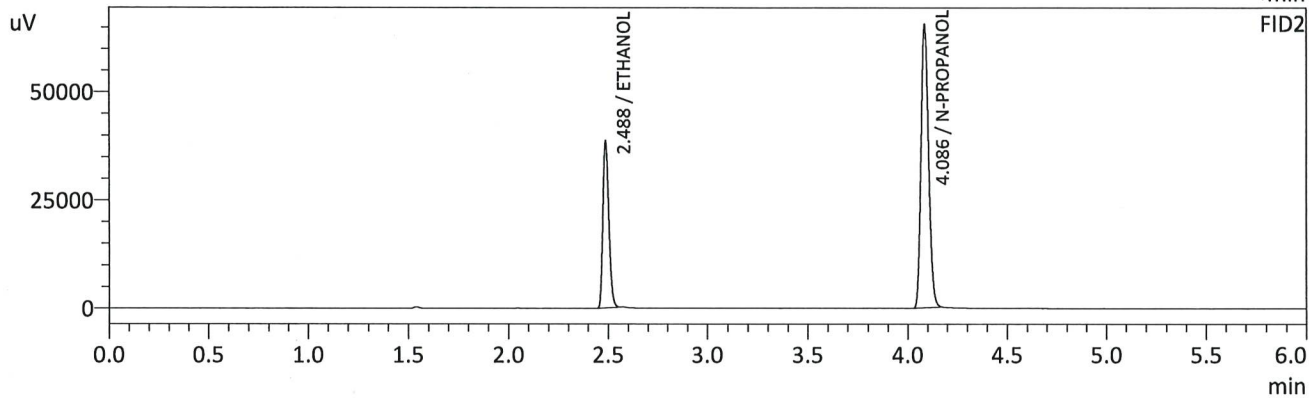
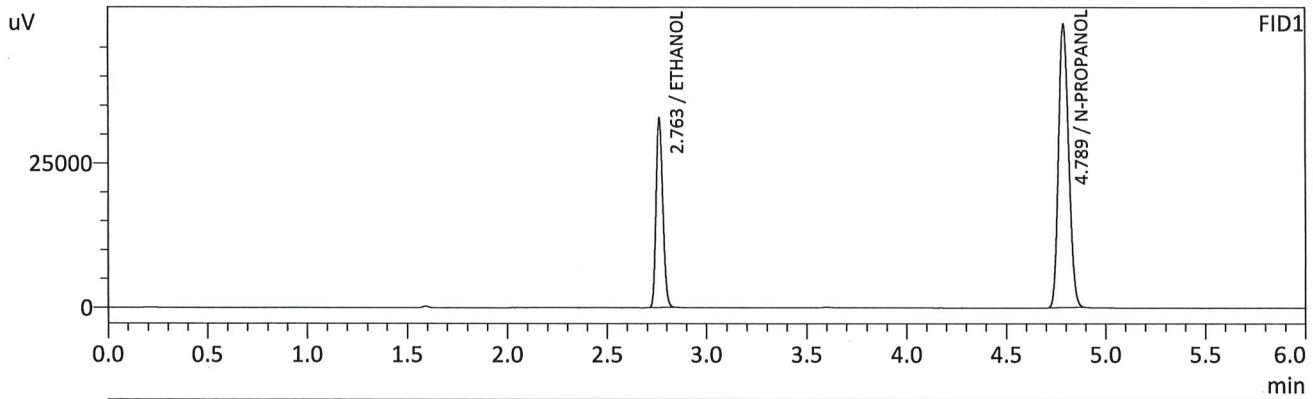
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.1004 | g/100cc | 38884 | 16067 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 172760 | 48468 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.1003 | g/100cc | 38834 | 18804 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 173446 | 64792 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : 0.200
 Vial # : 3
 Data Filename : 0.200_9112024_003.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 12:14:41 PM
 Date Processed : 9/12/2024 9:13:20 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

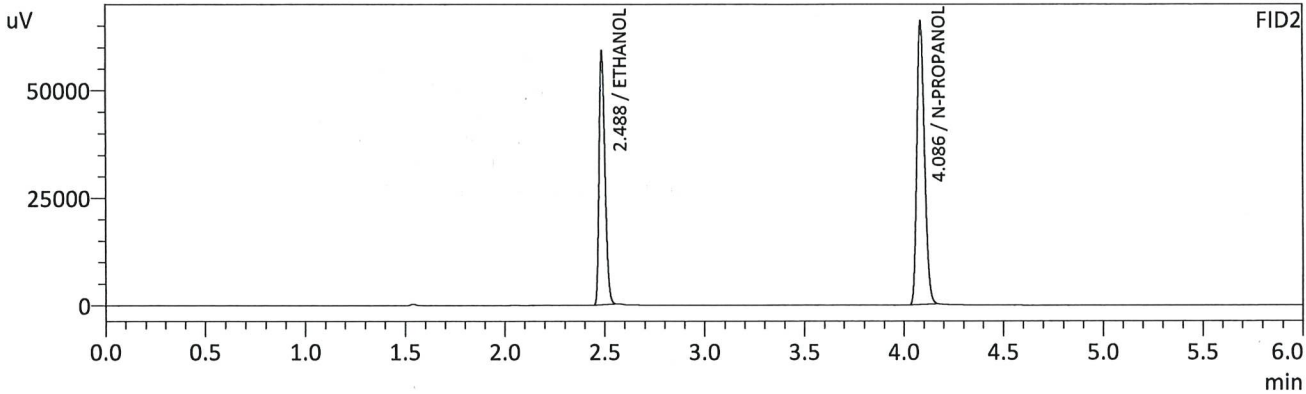
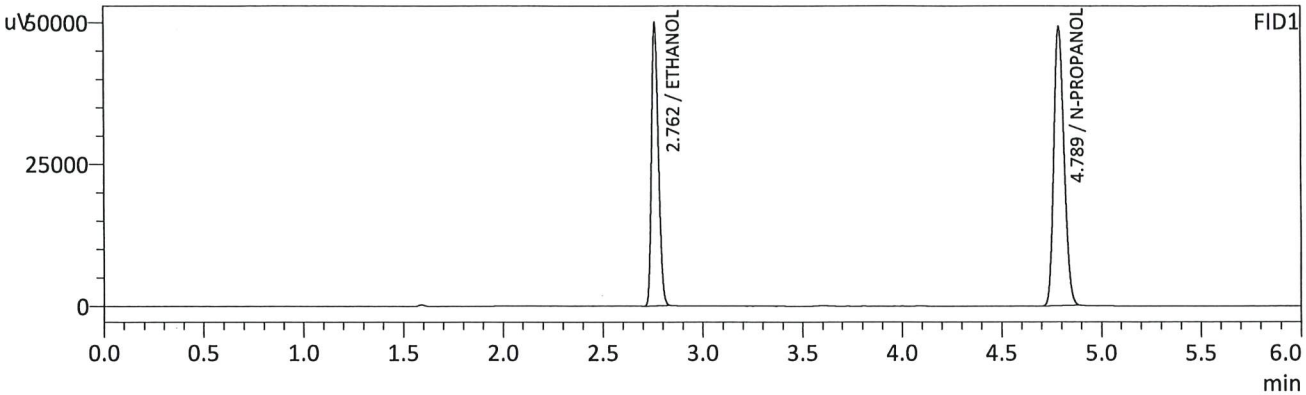
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.1985 | g/100cc | 78735 | 32515 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 174220 | 49006 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.1981 | g/100cc | 79050 | 38176 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 174867 | 65511 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

Handwritten signature/initials

Sample Name : 0.300
 Vial # : 4
 Data Filename : 0.300_9112024_004.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 12:24:26 PM
 Date Processed : 9/12/2024 9:13:24 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

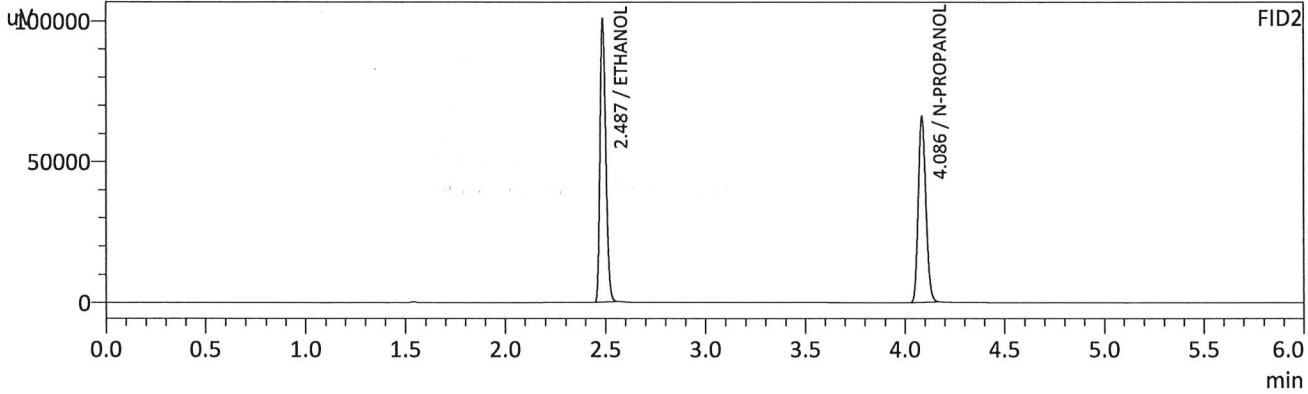
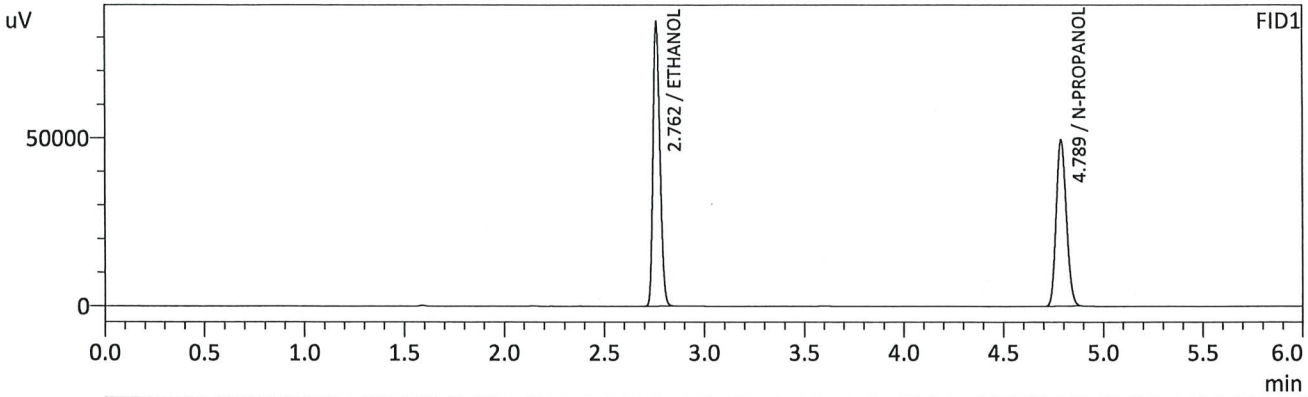
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.2983 | g/100cc | 119445 | 49658 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 174952 | 49068 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.2981 | g/100cc | 120345 | 58046 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 175559 | 65911 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : 0.500
 Vial # : 5
 Data Filename : 0.500_9112024_005.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 12:33:58 PM
 Date Processed : 9/11/2024 12:40:00 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

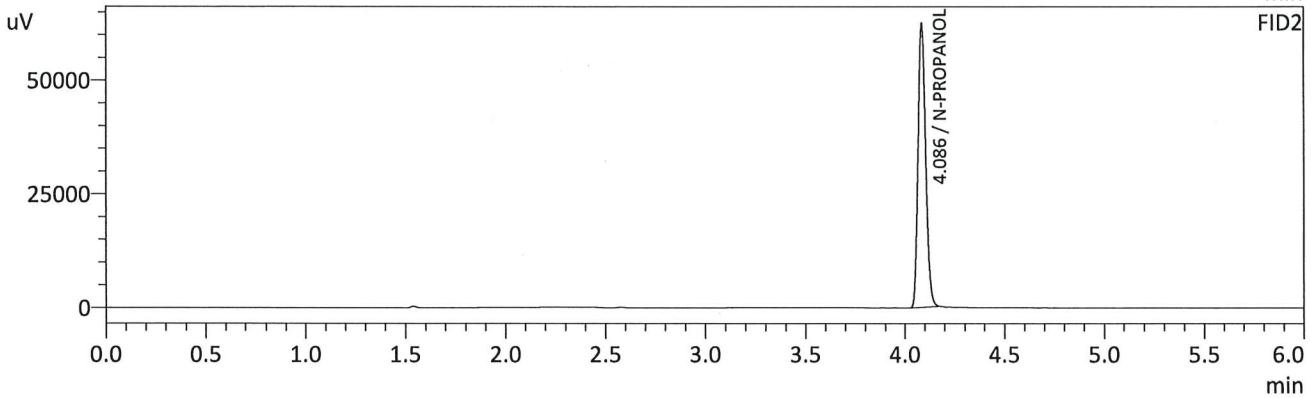
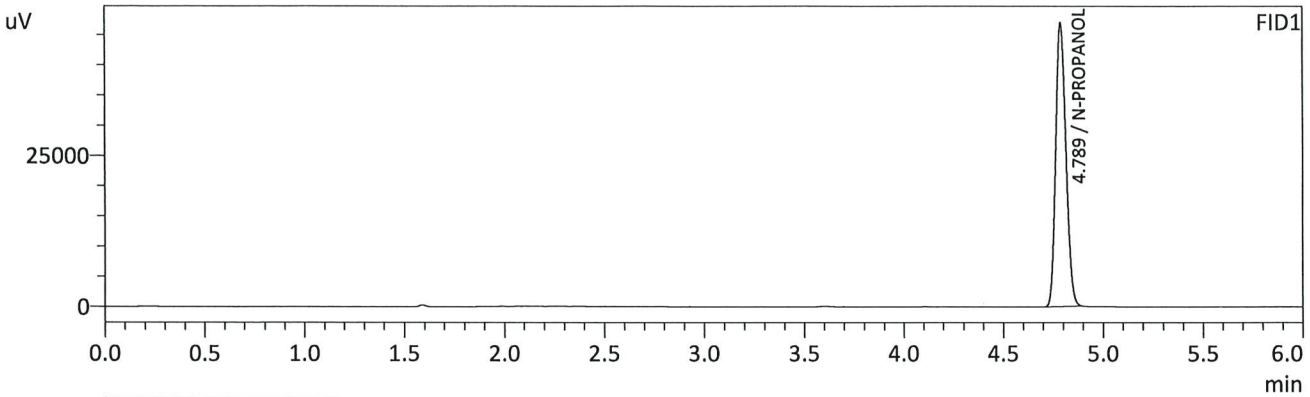
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.5013 | g/100cc | 201954 | 84337 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 175248 | 49253 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.5016 | g/100cc | 204158 | 99120 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 175897 | 65959 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : INT STD BLK 1
 Vial # : 6
 Data Filename : INT STD BLK 1_9112024_006.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 12:43:19 PM
 Date Processed : 9/11/2024 12:49:21 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

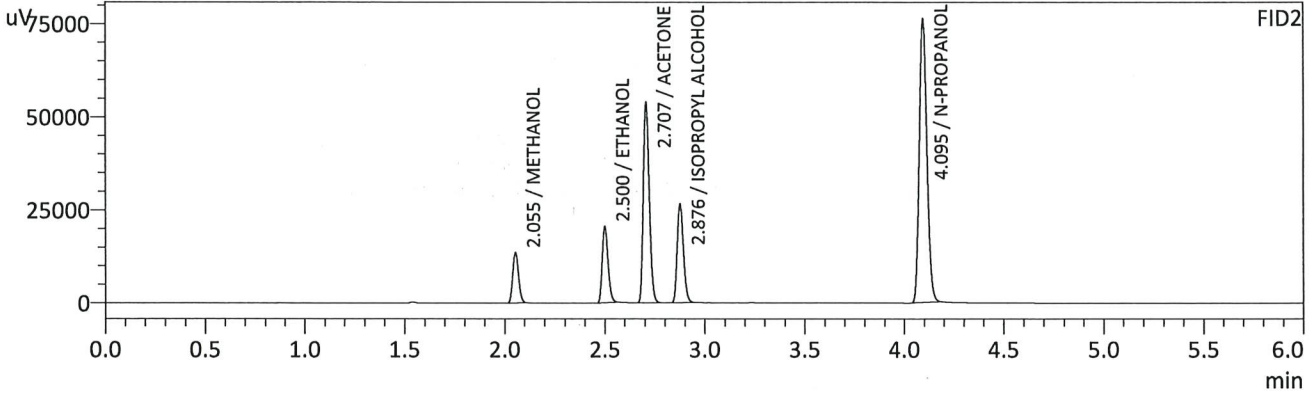
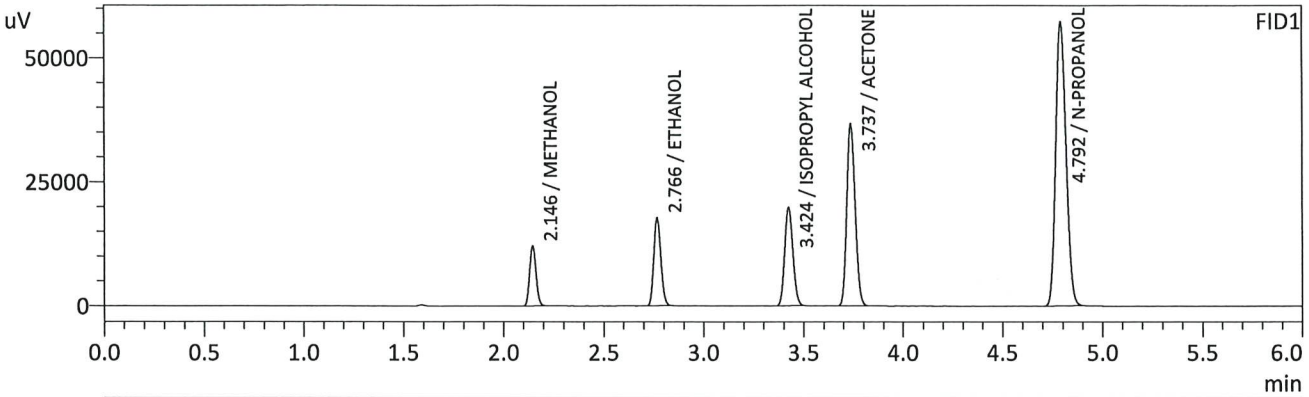
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 166112 | 46812 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | 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 | 166110 | 62384 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

Handwritten signature

Sample Name : MULTI-COMP MIX
 Vial # : 7
 Data Filename : MULTI-COMP MIX_9112024_007.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 12:53:03 PM
 Date Processed : 9/11/2024 12:59:04 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

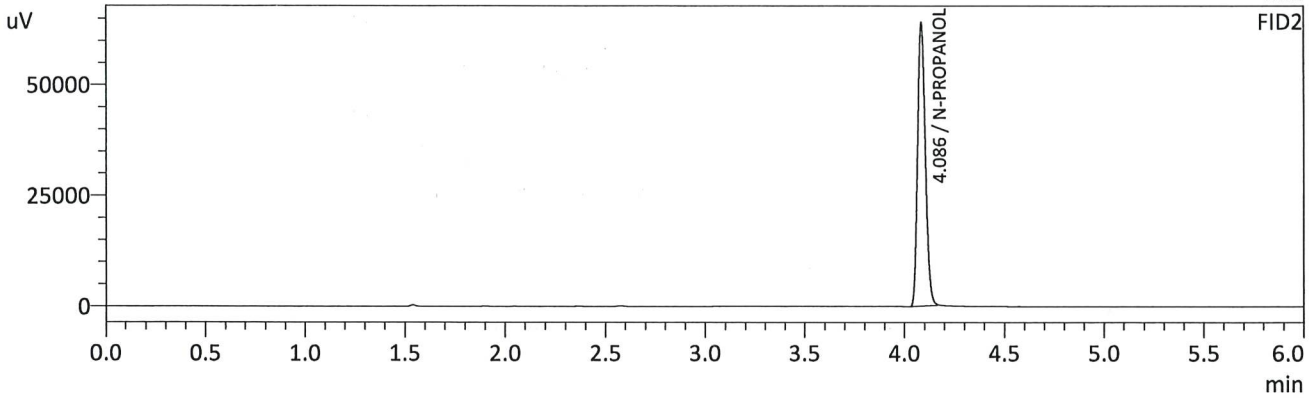
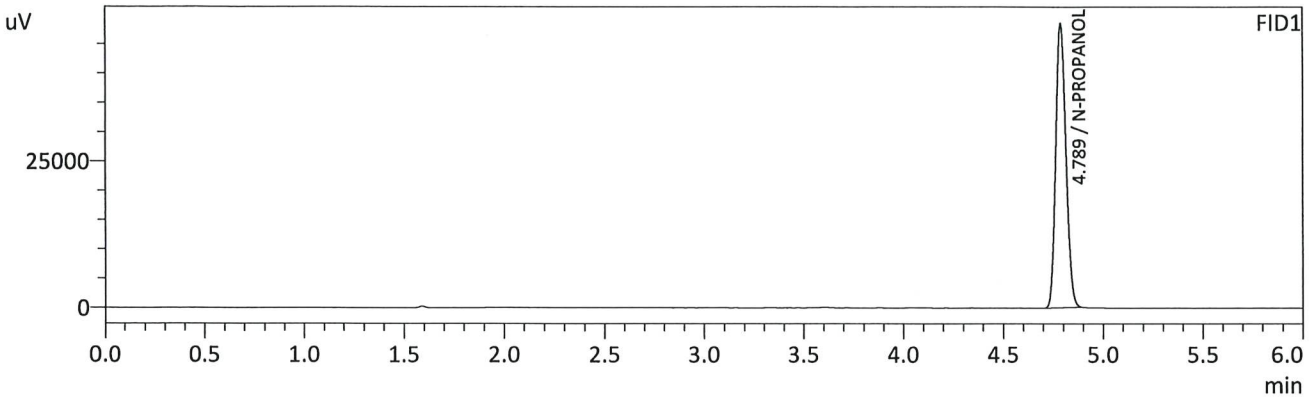
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | 0.0000 | g/100cc | 26616 | 11942 |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0948 | g/100cc | 42910 | 17659 |
| ISOPROPYL ALCOHOL | 0.0000 | g/100cc | 56391 | 19768 |
| ACETONE | 0.0000 | g/100cc | 106907 | 36617 |
| N-PROPANOL | 0.0000 | g/100cc | 202326 | 57187 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | 0.0000 | g/100cc | 27493 | 13389 |
| ETHANOL | 0.0946 | g/100cc | 42679 | 20442 |
| ACETONE | 0.0000 | g/100cc | 110766 | 53077 |
| ISOPROPYL ALCOHOL | 0.0000 | g/100cc | 57421 | 26289 |
| N-PROPANOL | 0.0000 | g/100cc | 202733 | 76118 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : INT STD BLK 2
 Vial # : 8
 Data Filename : INT STD BLK 2_9112024_008.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 1:02:35 PM
 Date Processed : 9/11/2024 1:08:37 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



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 | 171753 | 48306 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | 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 | 171326 | 64057 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC1-1 | | Analysis Date(s): 9/11/2024 1:11:54 PM(-06:00) | | | | |
|----------------------|-------------------|--|---------------------|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.0818 | 0.0815 | 0.0003 | 0.0816 | 0.0003 | 0.0817 |
| (g/100cc) | 0.0821 | 0.0817 | 0.0004 | 0.0819 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_091124_RC.gcm

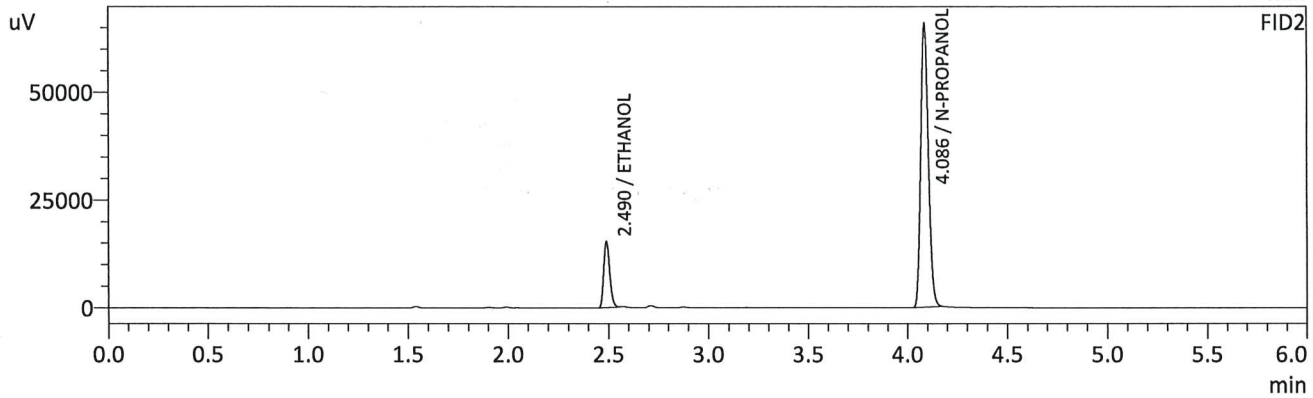
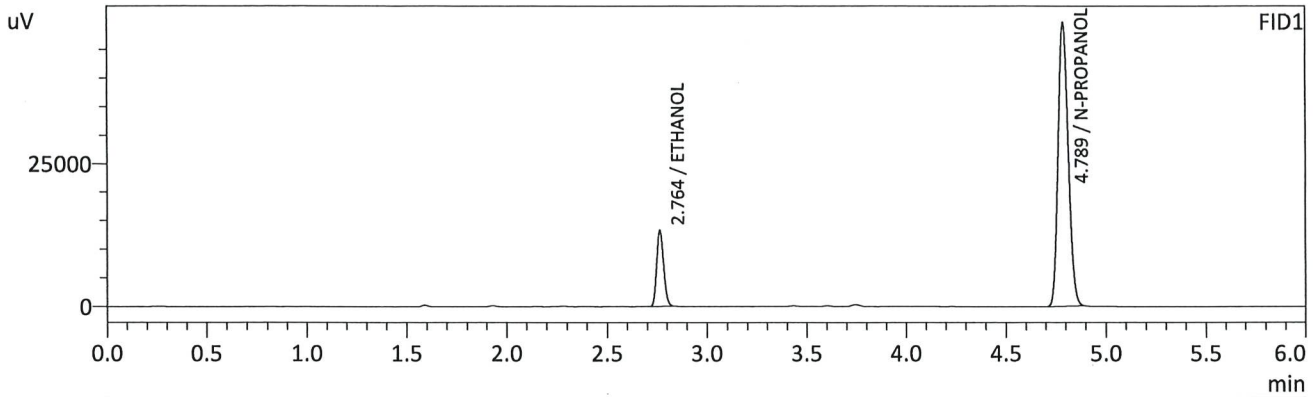
| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.081 | 0.076 | 0.086 | 0.005 |

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

Calibration and control data are stored centrally.

RC

Sample Name : QC1-1
 Vial # : 9
 Data Filename : QC1-1_9112024_009.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 1:11:54 PM
 Date Processed : 9/11/2024 1:17:55 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

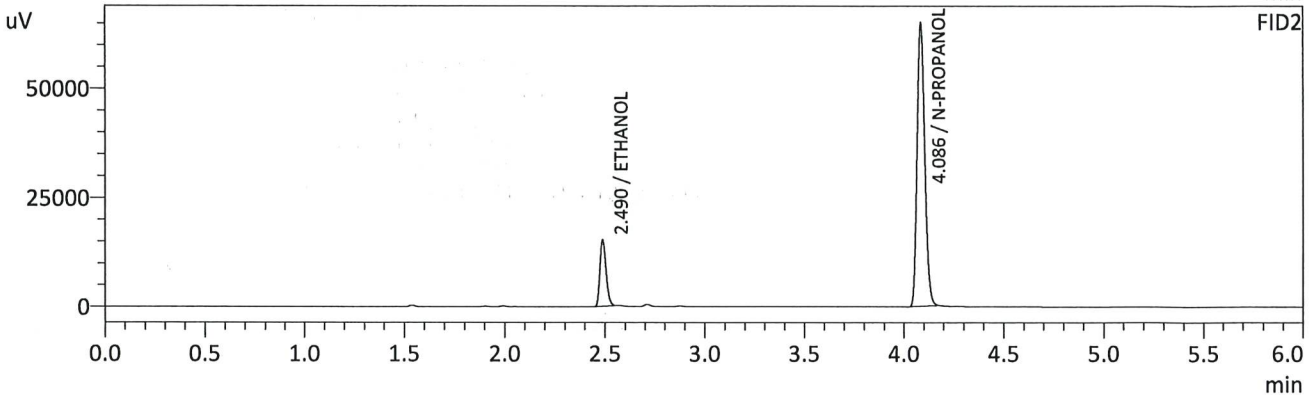
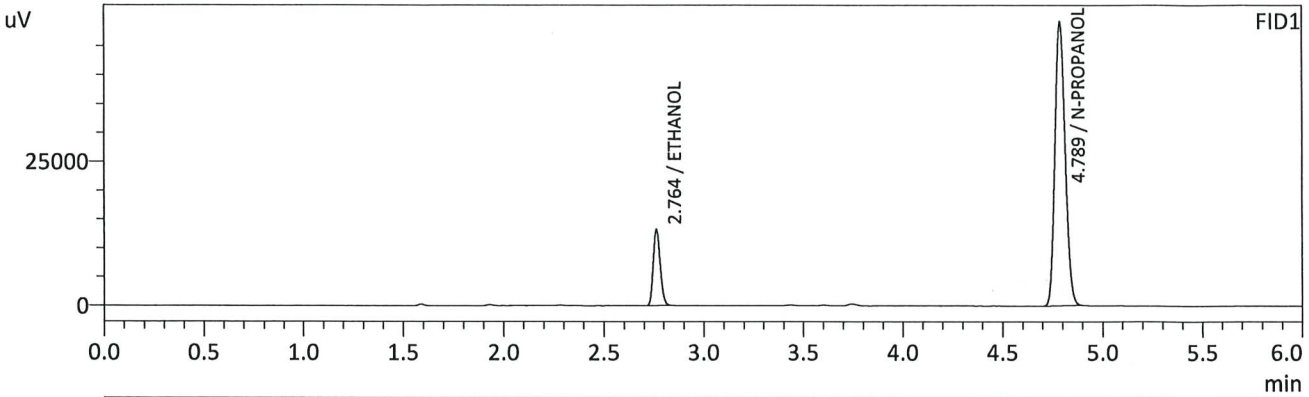
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0818 | g/100cc | 32051 | 13206 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 175985 | 49466 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0815 | g/100cc | 31609 | 15275 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 175624 | 65813 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : QC1-1-B
 Vial # : 10
 Data Filename : QC1-1-B_9112024_010.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 1:21:38 PM
 Date Processed : 9/11/2024 1:27:40 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0821 | g/100cc | 31958 | 13154 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 174752 | 49025 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0817 | g/100cc | 31533 | 15232 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 174721 | 65008 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: 0.08 QA | | Analysis Date(s): 9/11/2024 1:31:10 PM(-06:00) | | | | |
|------------------------|-------------------|--|---------------------|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.0809 | 0.0808 | 0.0001 | 0.0808 | 0.0002 | 0.0809 |
| (g/100cc) | 0.0813 | 0.0808 | 0.0005 | 0.0810 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_091124_RC.gcm

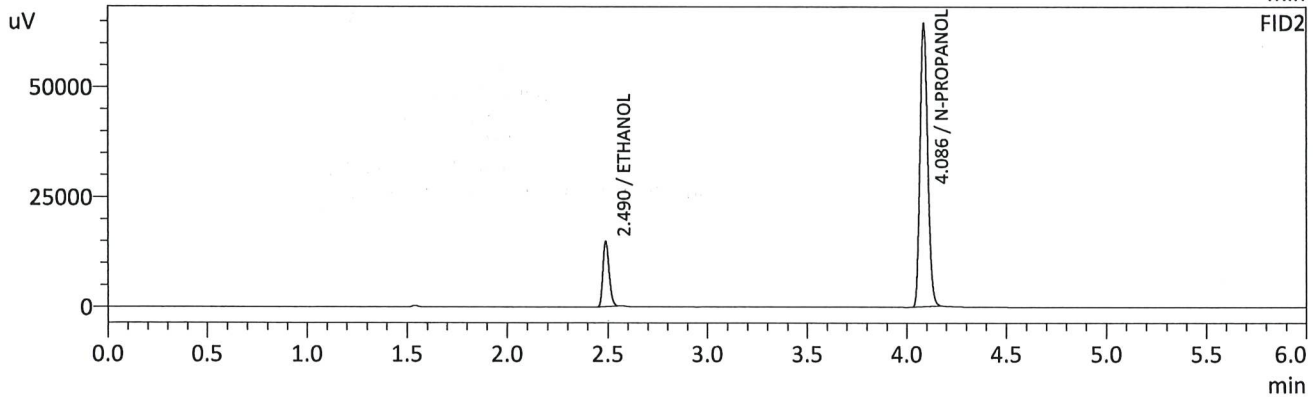
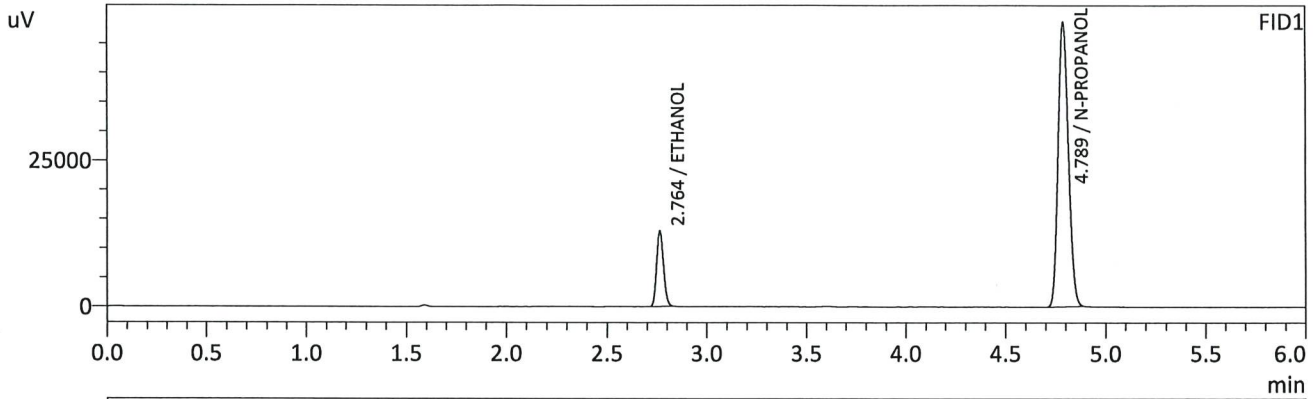
| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.080 | 0.076 | 0.084 | 0.004 |

| | Reported Results |
|--|------------------|
| | 0.080 |

Calibration and control data are stored centrally.

AC

Sample Name : 0.08 QA
 Vial # : 11
 Data Filename : 0.08 QA_9112024_011.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 1:31:10 PM
 Date Processed : 9/11/2024 1:37:12 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

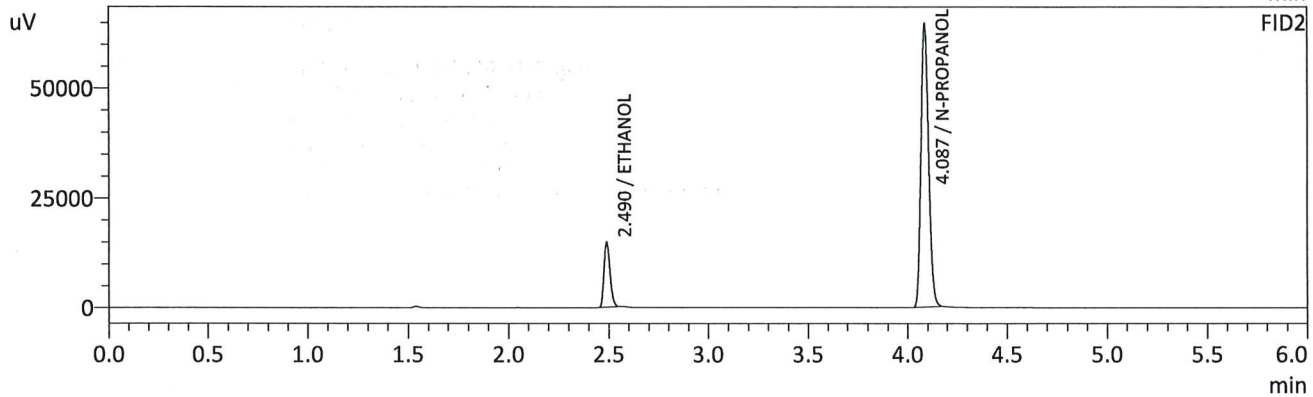
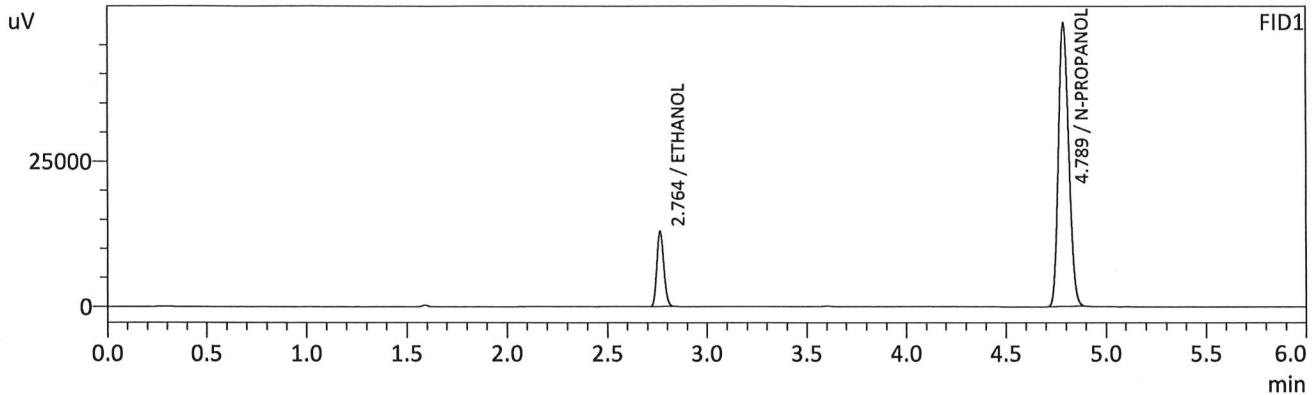
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0809 | g/100cc | 31070 | 12835 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 172646 | 48480 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0808 | g/100cc | 30732 | 14839 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 172344 | 64450 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : 0.08 QA - B
 Vial # : 12
 Data Filename : 0.08 QA - B_9112024_012.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 1:40:27 PM
 Date Processed : 9/11/2024 1:46:28 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0813 | g/100cc | 31304 | 12904 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 173099 | 48661 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0808 | g/100cc | 30828 | 14864 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 173009 | 64642 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC2-1 | | Analysis Date(s): 9/11/2024 4:41:35 PM(-06:00) | | | | |
|----------------------|-------------------|--|---------------------|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.2066 | 0.2058 | 0.0008 | 0.2062 | 0.0002 | 0.2061 |
| (g/100cc) | 0.2064 | 0.2056 | 0.0008 | 0.2060 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_091124_RC.gcm

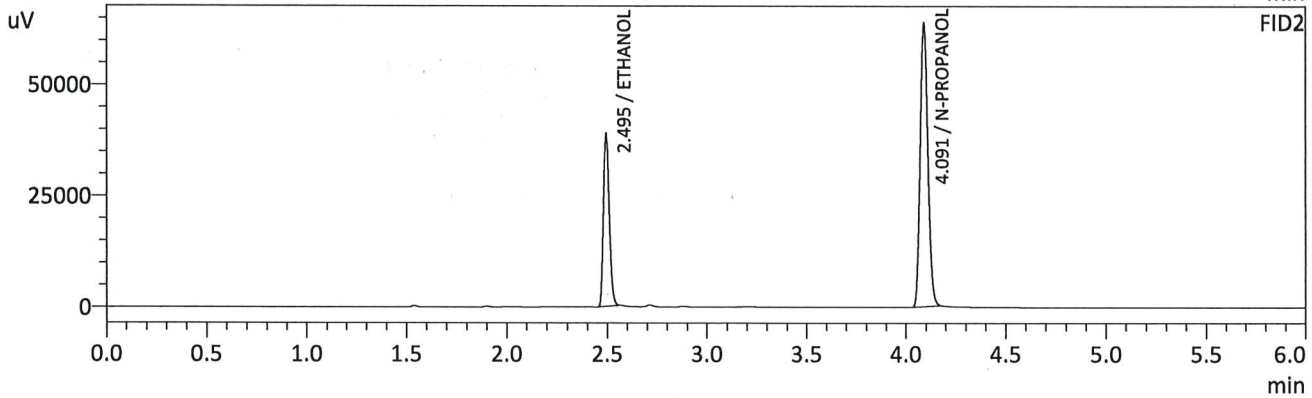
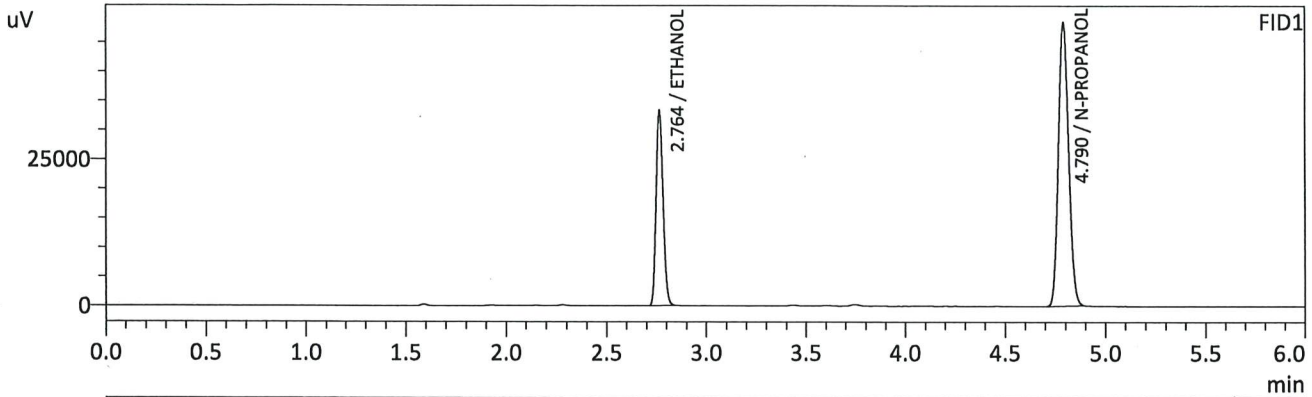
| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.206 | 0.195 | 0.217 | 0.011 |

| | Reported Results |
|--|------------------|
| | 0.206 |

Calibration and control data are stored centrally.

RC

Sample Name : QC2-1
 Vial # : 31
 Data Filename : QC2-1_9112024_031.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 4:41:35 PM
 Date Processed : 9/11/2024 4:47:37 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

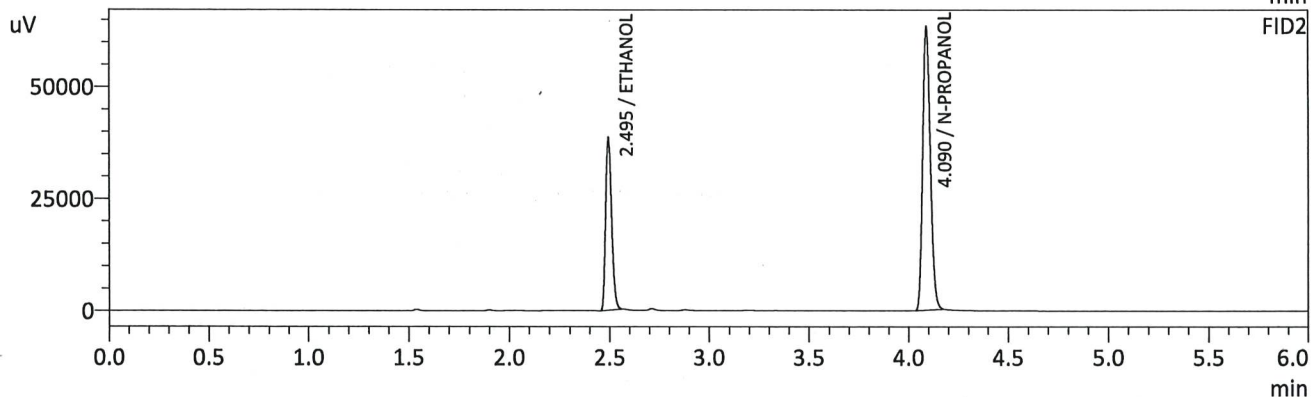
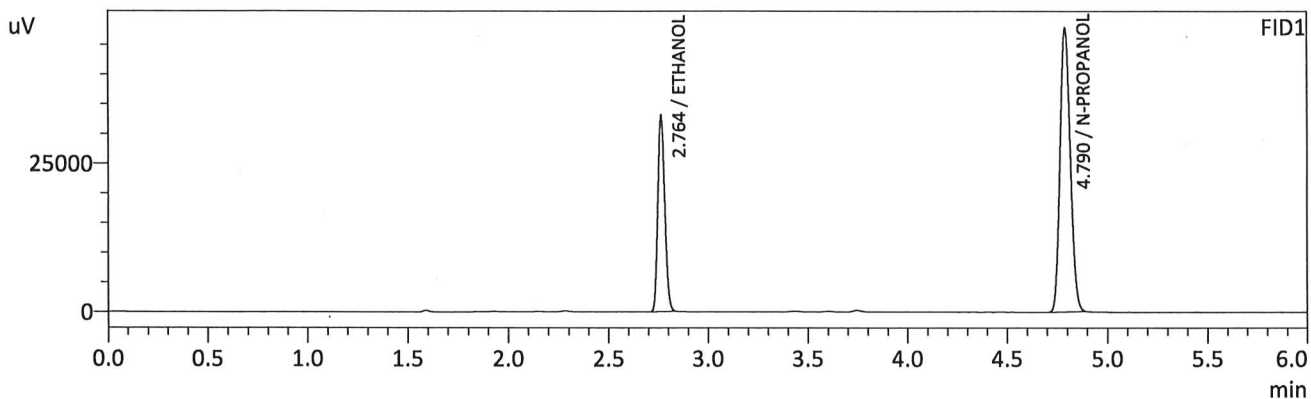
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.2066 | g/100cc | 80658 | 33238 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 171328 | 48420 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.2058 | g/100cc | 80276 | 38848 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 170768 | 63774 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

JAC

Sample Name : QC2-1-B
 Vial # : 32
 Data Filename : QC2-1-B_9112024_032.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 4:51:07 PM
 Date Processed : 9/11/2024 4:57:09 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.2064 | g/100cc | 80018 | 32979 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 170126 | 47840 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.2056 | g/100cc | 79614 | 38466 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 169479 | 63297 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

gpc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC1-2 | | Analysis Date(s): 9/11/2024 8:11:05 PM(-06:00) | | | | |
|----------------------|-------------------|--|---------------------|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.0896 | 0.0890 | 0.0006 | 0.0893 | 0.0004 | 0.0891 |
| (g/100cc) | 0.0892 | 0.0886 | 0.0006 | 0.0889 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_091124_RC.gcm

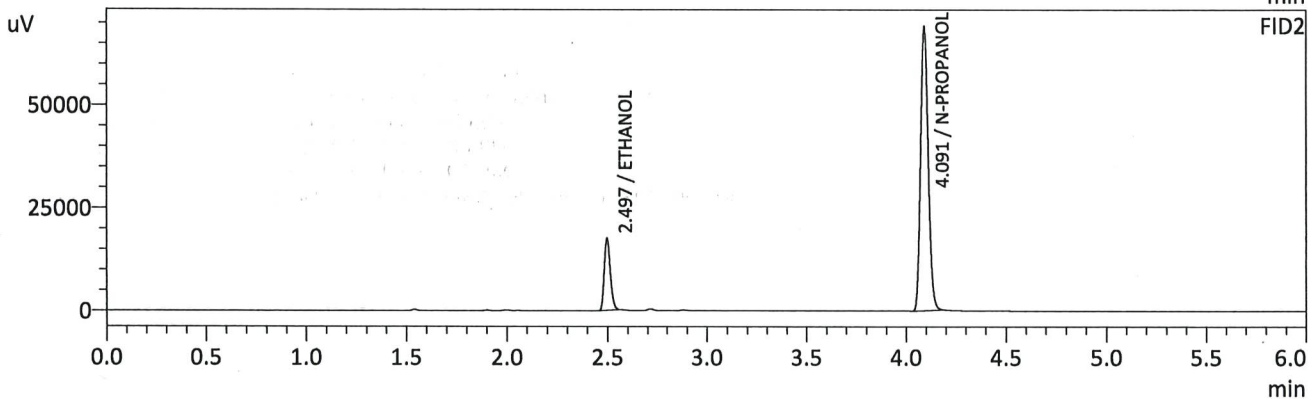
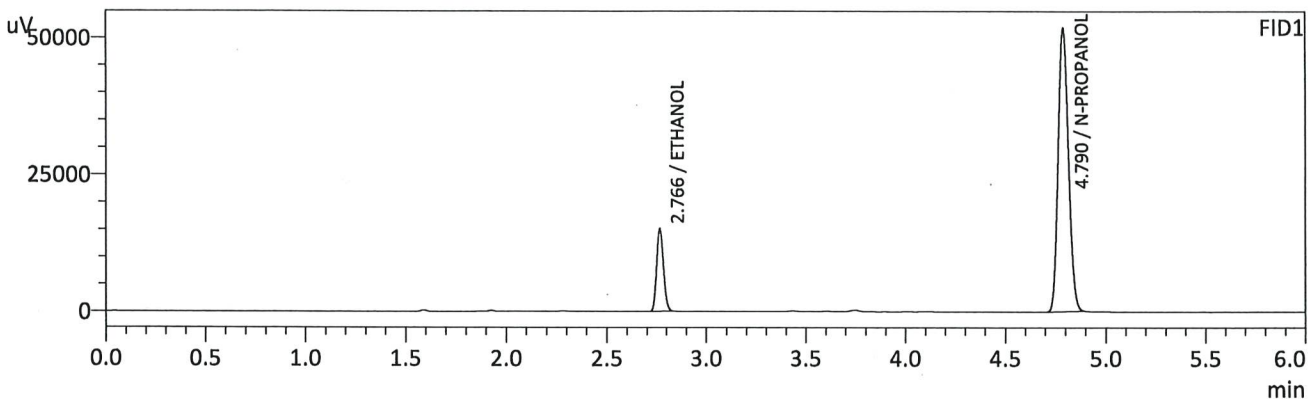
| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.089 | 0.084 | 0.094 | 0.005 |

| | Reported Results |
|--|------------------|
| | 0.089 |

Calibration and control data are stored centrally.

Handwritten initials/signature

Sample Name : QC1-2
 Vial # : 53
 Data Filename : QC1-2_9112024_053.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 8:11:05 PM
 Date Processed : 9/11/2024 8:17:06 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

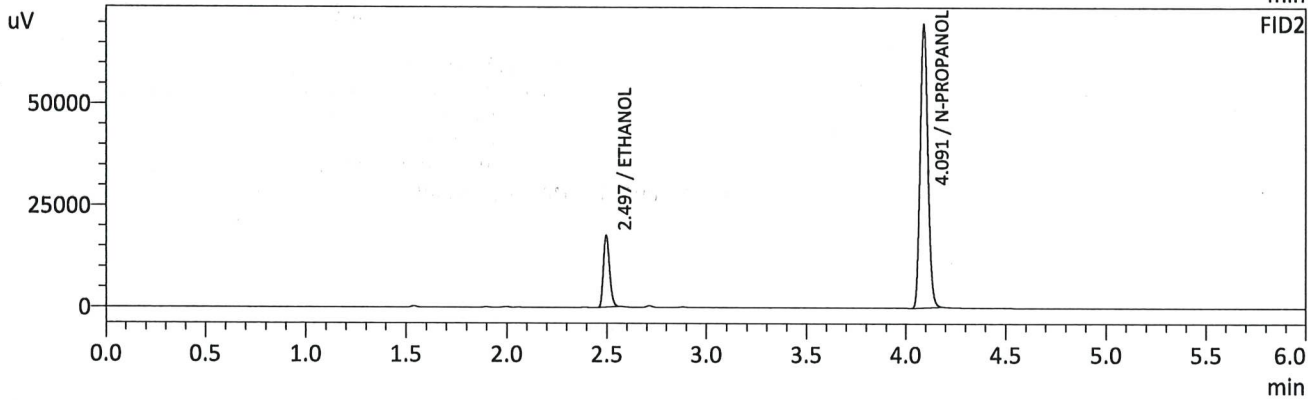
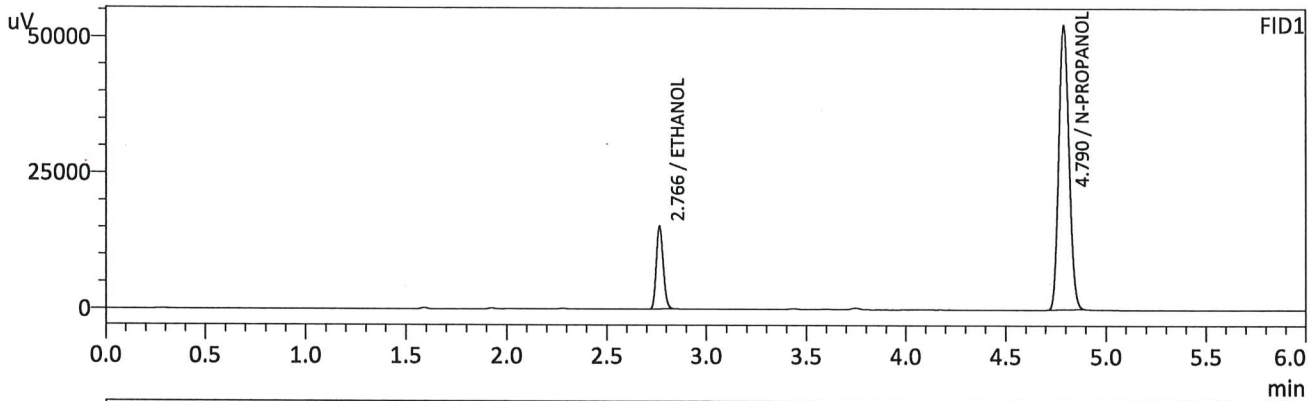
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0896 | g/100cc | 36702 | 15093 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 183407 | 51850 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0890 | g/100cc | 36402 | 17284 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 184462 | 68990 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : QC1-2-B
 Vial # : 54
 Data Filename : QC1-2-B_9112024_054.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 8:20:22 PM
 Date Processed : 9/11/2024 8:26:24 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | 0.0892 | g/100cc | 36927 | 15197 |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 185297 | 52286 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | g/100cc | -- | -- |

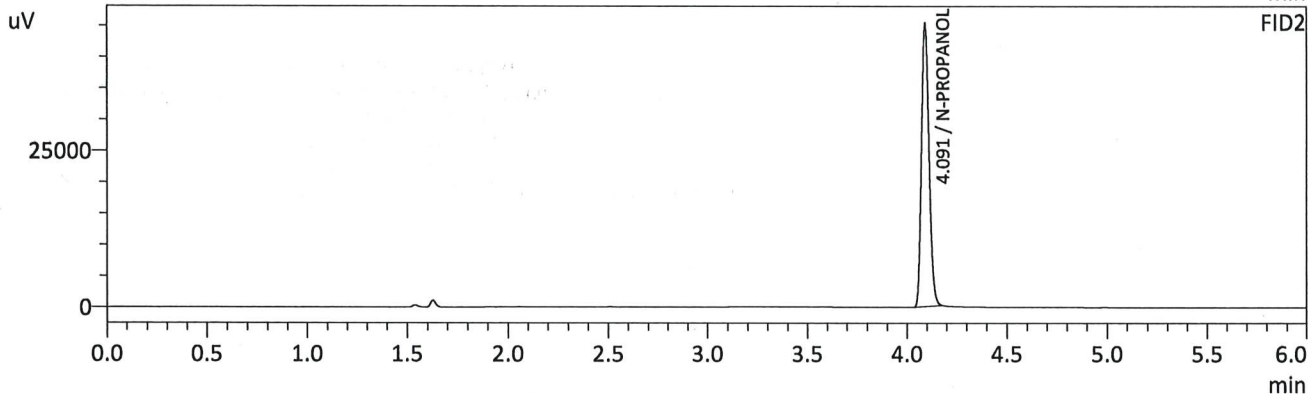
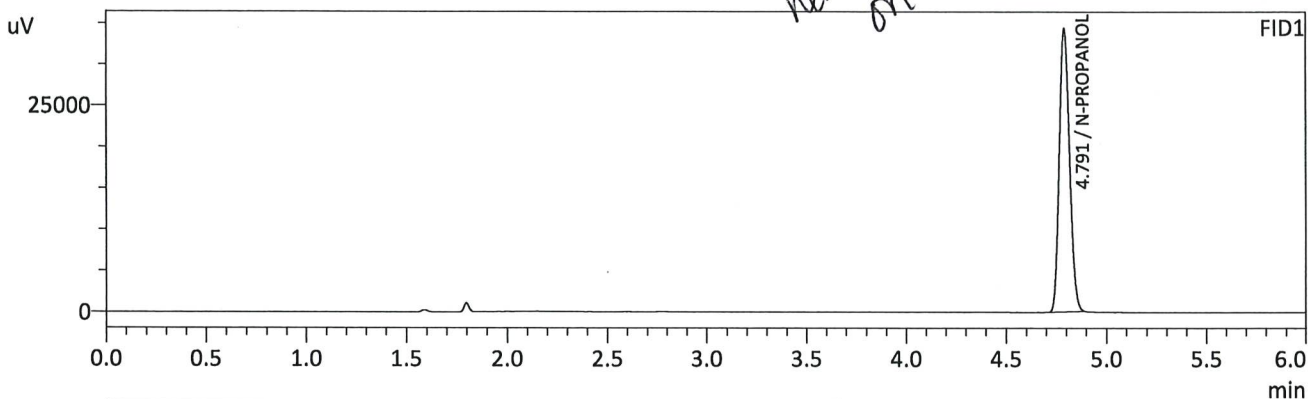
FID2

| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| METHANOL | -- | g/100cc | -- | -- |
| ETHANOL | 0.0886 | g/100cc | 36615 | 17362 |
| ACETONE | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 186415 | 69681 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : DFE
 Vial # : 55
 Data Filename : DFE_9112024_055.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 8:30:11 PM
 Date Processed : 9/11/2024 8:36:13 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014

*Will run
 new sample
 on 9-12-24
 RC*



FID1

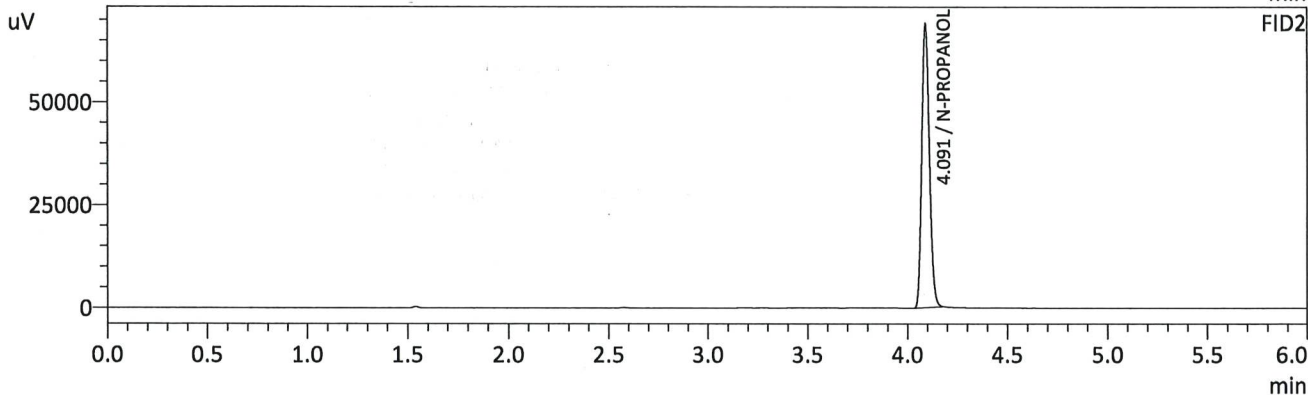
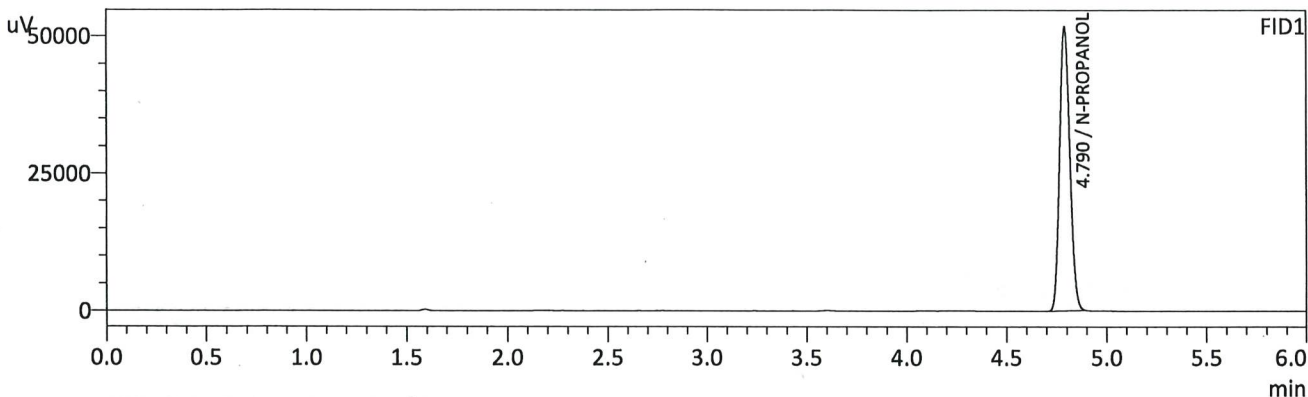
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 121420 | 34346 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | 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 | 121156 | 45314 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : INT STD BLK 3
 Vial # : 56
 Data Filename : INT STD BLK 3_9112024_056.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : BATCH_91124_RC.gcb
 Date Acquired : 9/11/2024 8:39:37 PM
 Date Processed : 9/11/2024 8:45:37 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

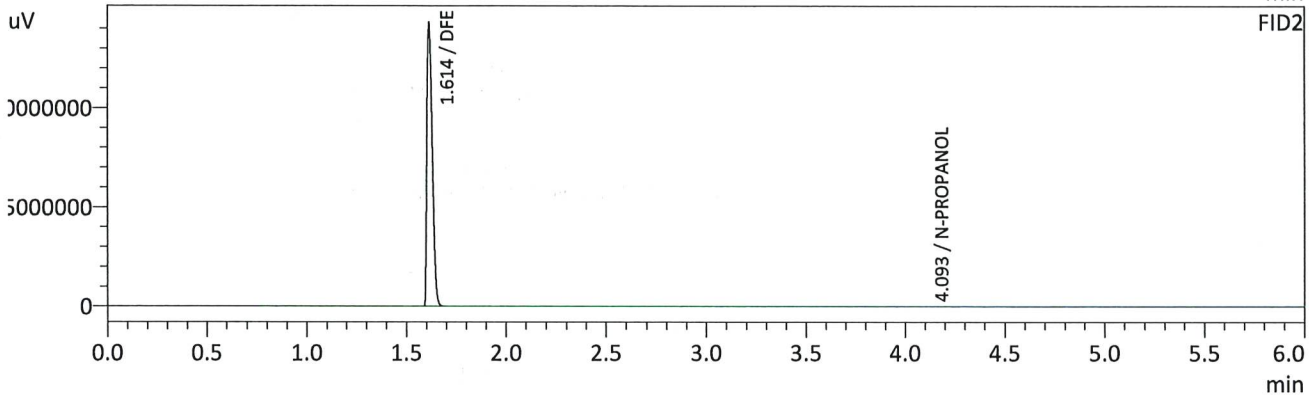
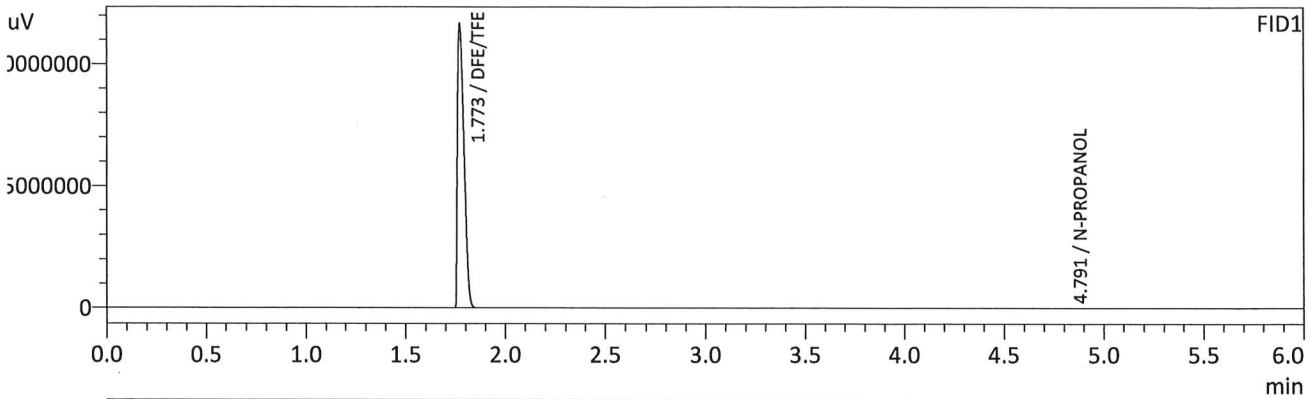
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 183198 | 51673 |
| DFE/TFE | -- | g/100cc | -- | -- |
| DME | -- | 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 | 184107 | 68987 |
| DFE | -- | g/100cc | -- | -- |
| TFE | -- | g/100cc | -- | -- |

JRC

Sample Name : DFE
 Vial # : 80
 Data Filename : DFE_9122024_001.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : DFE AND TFE.gcb
 Date Acquired : 9/12/2024 9:48:51 AM
 Date Processed : 9/12/2024 9:54:53 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

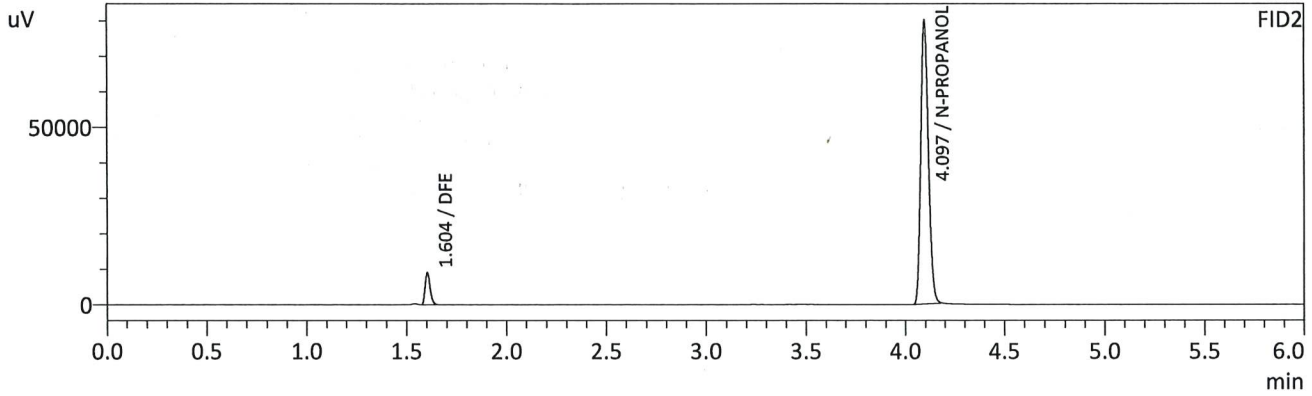
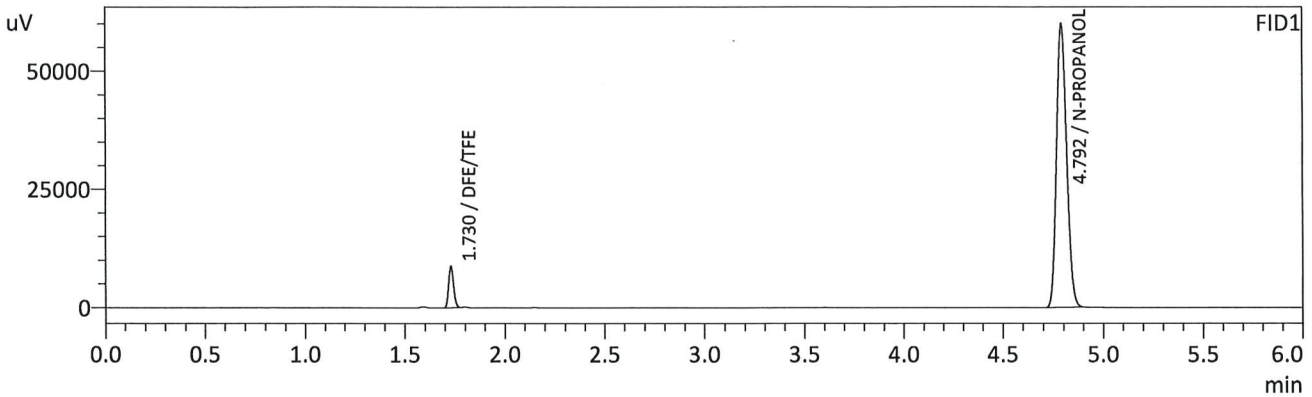
| Name | Conc. | Unit | Area | Height |
|-------------------|--------|---------|-----------|----------|
| METHANOL | -- | g/100cc | -- | -- |
| ACETALDEHYDE | -- | g/100cc | -- | -- |
| ETHANOL | -- | g/100cc | -- | -- |
| ISOPROPYL ALCOHOL | -- | g/100cc | -- | -- |
| ACETONE | -- | g/100cc | -- | -- |
| N-PROPANOL | 0.0000 | g/100cc | 120851 | 34012 |
| DFE/TFE | 0.0000 | g/100cc | 131868395 | 58062851 |
| DME | -- | 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 | 120307 | 44303 |
| DFE | 0.0000 | g/100cc | 134036714 | 70991658 |
| TFE | -- | g/100cc | -- | -- |

RC

Sample Name : TFE
 Vial # : 81
 Data Filename : TFE_9122024_002.gcd
 Method Filename : ALCOHOL_091124_RC.gcm
 Batch Filename : DFE AND TFE.gcb
 Date Acquired : 9/12/2024 9:58:17 AM
 Date Processed : 9/12/2024 10:04:18 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



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 | 211055 | 59868 |
| DFE/TFE | 0.0000 | g/100cc | 15207 | 8748 |
| DME | -- | 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 | 211978 | 79548 |
| DFE | 0.0000 | g/100cc | 15208 | 8983 |
| TFE | -- | g/100cc | -- | -- |

RC

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_091124_RC.gcm | | 1 |
| 2 | 0.100 | 1:Standard:(R) | ALCOHOL_091124_RC.gcm | | 2 |
| 3 | 0.200 | 1:Standard:(R) | ALCOHOL_091124_RC.gcm | | 3 |
| 4 | 0.300 | 1:Standard:(R) | ALCOHOL_091124_RC.gcm | | 4 |
| 5 | 0.500 | 1:Standard:(R) | ALCOHOL_091124_RC.gcm | | 5 |
| 6 | INT STD BLK 1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 7 | MULTI-COMP MIX | 0:Unknown | ALCOHOL_091124_RC.gcm | | 1 |
| 8 | INT STD BLK 2 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 9 | QC1-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 10 | QC1-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 11 | 0.08 QA | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 12 | 0.08 QA - B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 13 | P2024-2650-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 14 | P2024-2650-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 15 | P2024-2763-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 16 | P2024-2763-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 17 | P2024-2763-2 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 18 | P2024-2763-2-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 19 | P2024-2763-3 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 20 | P2024-2763-3-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 21 | P2024-2763-4 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 22 | P2024-2763-4-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 23 | P2024-2679-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 24 | P2024-2679-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 25 | P2024-2680-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 26 | P2024-2680-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 27 | P2024-2683-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 28 | P2024-2683-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 29 | P2024-2703-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 30 | P2024-2703-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 31 | QC2-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 32 | QC2-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 33 | P2024-2720-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 34 | P2024-2720-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 35 | P2024-2728-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 36 | P2024-2728-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 37 | P2024-2729-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 38 | P2024-2729-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 39 | P2024-2730-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 40 | P2024-2730-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 41 | P2024-2744-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 42 | P2024-2744-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 43 | P2024-2758-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 44 | P2024-2758-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 45 | P2024-2759-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 46 | P2024-2759-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 47 | P2024-2760-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 48 | P2024-2760-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 49 | P2024-2761-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 50 | P2024-2761-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 51 | P2024-2848-1 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 52 | P2024-2848-1-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 53 | QC1-2 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 54 | QC1-2-B | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 55 | DFE | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |
| 56 | INT STD BLK 3 | 0:Unknown | ALCOHOL_091124_RC.gcm | | 0 |