

**REVIEWED**

**By Galina Giso at 8:29 am, Jul 05, 2022**

7/2/2022

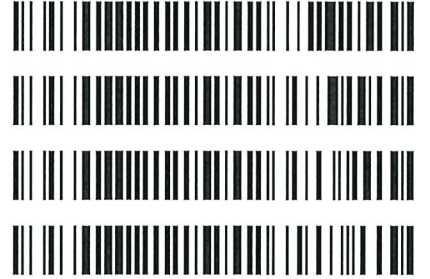
**Worklist: 6014**

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> |   |
|-----------------|-------------|------------------|--------------------|---|
| P2022-1853      | 1           | BCK              | Alcohol Analysis   |    |
| P2022-1854      | 2           | BCK              | Alcohol Analysis   |    |
| P2022-1866      | 1           | BCK              | Alcohol Analysis   |    |
| P2022-1867      | 1           | BCK              | Alcohol Analysis   |    |
| P2022-1878      | 1           | BCK              | Alcohol Analysis   |    |
| P2022-1879      | 1           | BCK              | Alcohol Analysis   |    |
| P2022-1887      | 1           | BCK              | Alcohol Analysis   |    |
| P2022-1888      | 1           | BCK              | Alcohol Analysis   |    |
| P2022-1920      | 1           | BCK              | Alcohol Analysis   |    |
| P2022-1921      | 1           | BCK              | Alcohol Analysis   |   |
| P2022-1922      | 1           | BLOOD            | Alcohol Analysis   |  |
| P2022-1923      | 1           | BCK              | Alcohol Analysis   |  |
| P2022-1941      | 1           | BCK              | Alcohol Analysis   |  |
| P2022-1942      | 1           | BCK              | Alcohol Analysis   |  |
| P2022-1945      | 1           | BCK              | Alcohol Analysis   |  |
| P2022-1946      | 1           | BCK              | Alcohol Analysis   |  |
| P2022-1961      | 1           | BCK              | Alcohol Analysis   |  |
| P2022-1964      | 1           | BCK              | Alcohol Analysis   |  |
| P2022-1965      | 1           | BCK              | Alcohol Analysis   |  |
| P2022-1966      | 1           | BCK              | Alcohol Analysis   |  |
| P2022-1974      | 1           | BCK              | Alcohol Analysis   |  |

*RC*

**Worklist: 6014**

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> |
|-----------------|-------------|------------------|--------------------|
| P2022-1986      | 1           | BCK              | Alcohol Analysis   |
| P2022-1992      | 2           | BCK              | Alcohol Analysis   |
| P2022-1995      | 1           | BCK              | Alcohol Analysis   |
| P2022-2003      | 1           | BCK              | Alcohol Analysis   |



*JFC*

**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): 7/1/22**

**Calibration Date: (if different)**

**Worksheet #: 6014**

| Control level                   | Expiration | Lot #   | Target Value      | Acceptable Range | Overall Results                             |
|---------------------------------|------------|---------|-------------------|------------------|---|
| Level 1                         | Jul-23     | 1907006 | 0.0764            | 0.0688-0.0840    | 0.0737 g/100cc<br>0.0800 g/100cc<br>g/100cc |
| Level 2                         | Jul-23     | 1907007 | 0.2170            | 0.1953-0.2387    | 0.2154 g/100cc<br>0.2254 g/100cc<br>g/100cc |
| <b>Multi-Component mixture:</b> |            |         | <b>Exp:</b>       | <b>Lot #</b>     | <b>ok</b>                                   |
| <b>Curve Fit:</b>               |            |         | <b>Column 1</b>   | <b>Column 2</b>  | <b>0.99999</b>                              |
|                                 |            |         | <b>FN06041902</b> | <b>Column2</b>   | <b>0.99994</b>                              |

**Ethanol Calibration Reference Material**

| Calibrator level  | Target Value | Acceptable Range | Column 1 | Column 2 | Precision | Mean    |
|-------------------|--------------|------------------|----------|----------|-----------|---------|
| 50                | 0.050        | 0.045 - 0.055    | 0.0501   | 0.0514   | 0.0013    | 0.0507  |
| 100               | 0.100        | 0.090 - 0.110    | 0.1002   | 0.1000   | 0.0002    | 0.1001  |
| 200               | 0.200        | 0.180 - 0.220    | 0.1994   | 0.1982   | 0.0012    | 0.1988  |
| 300               | 0.300        | 0.270 - 0.330    | 0.3001   | 0.2992   | 0.0009    | 0.2996  |
| 400               | 0.400        | 0.360 - 0.440    |          |          | 0         | #DIV/0! |
| 500               | 0.500        | 0.450 - 0.550    | 0.5000   | 0.5010   | 0.001     | 0.5005  |
| Internal Standard | Average      | (-) 20%          |          | (+) 20%  |           |         |
| N-Propanol:       | 199653.7     | 159723.0         |          | 239584.4 |           |         |

**Aqueous Controls**

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

*sc*

### Internal Standard Monitoring Worksheet

Worklist #: 6014

Run Date(s):

7/1/22

|                                      |                     |                      |
|--------------------------------------|---------------------|----------------------|
| Internal Standard Solution: 07012022 | Prep Date: 07/01/22 | Exp Date: 01/01/2023 |
|--------------------------------------|---------------------|----------------------|

| Sample Name | Column 1 Value | Column 2 Value | Average  |
|-------------|----------------|----------------|----------|
| 0.080       | 187805         | 200769         | 194287   |
| 0.080       | 188525         | 201531         | 195028   |
| QC1         | 189858         | 202956         | 196407   |
| QC1         | 188873         | 202299         | 195586   |
| QC1         | 199662         | 213462         | 206562   |
| QC1         | 196582         | 210172         | 203377   |
| QC1         |                |                | #DIV/0!  |
| QC1         |                |                | #DIV/0!  |
| QC2         | 182454         | 194581         | 188517.5 |
| QC2         | 182590         | 194748         | 188669   |
| QC2         | 203138         | 216909         | 210023.5 |
| QC2         | 210961         | 225199         | 218080   |
| QC2         |                |                | #DIV/0!  |
| QC2         |                |                | #DIV/0!  |

| Combined Average | (-)20%   | (+)20%   |
|------------------|----------|----------|
| 199653.7         | 159723.0 | 239584.4 |

*HC*

=====

## Calibration Table

=====

Laboratory: Pocatello  
 Instrument Name : GC2030-HS20

<<Data File>>  
 Method File :C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm  
 Batch File :C:\LabSolutions\Data\2022\7-1-22 RC\7-1-22 batch.gcb  
 Date Acquired :7/1/2022 12:29:01 PM  
 Date Created :7/1/2022 12:25:40 PM  
 Date Modified :7/2/2022 1:08:20 PM



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

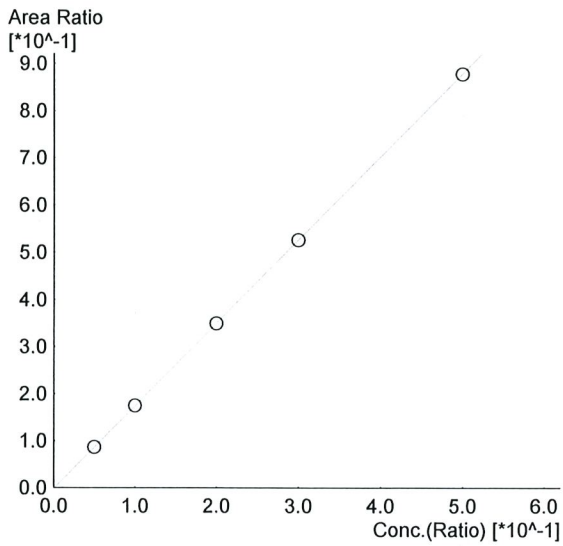
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|



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

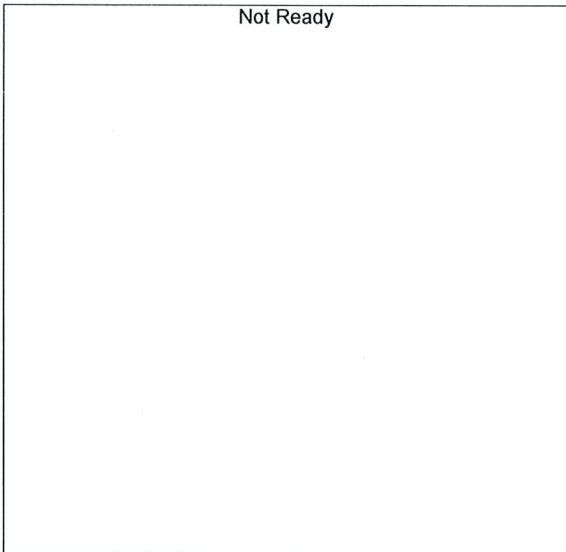
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

AC



Name : ETHANOL  
 Detector Name: FID1  
 Function :  $f(x)=1.75840*x-0.00163550$   
 R^2 value= 0.9999970  
 FitType: Linear  
 ZeroThrough: Not Through

| # | Conc. | Area   | Std. Conc. | Data File Name       |
|---|-------|--------|------------|----------------------|
| 1 | 0.050 | 16089  | 0.0501     | 0.050_712022_001.gcd |
| 2 | 0.100 | 32847  | 0.1002     | 0.100_712022_002.gcd |
| 3 | 0.200 | 66279  | 0.1994     | 0.200_712022_003.gcd |
| 4 | 0.300 | 100041 | 0.3001     | 0.300_712022_004.gcd |
| 5 | 0.500 | 168268 | 0.5000     | 0.500_712022_005.gcd |



Name : ISOPROPYL ALCOHOL  
 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 |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|



Name : ACETONE  
 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 |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

*Handwritten initials 'KC'*

Not Ready

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

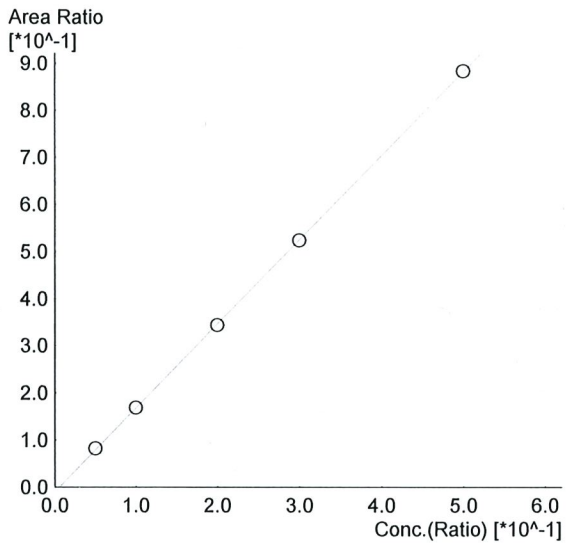
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

HC



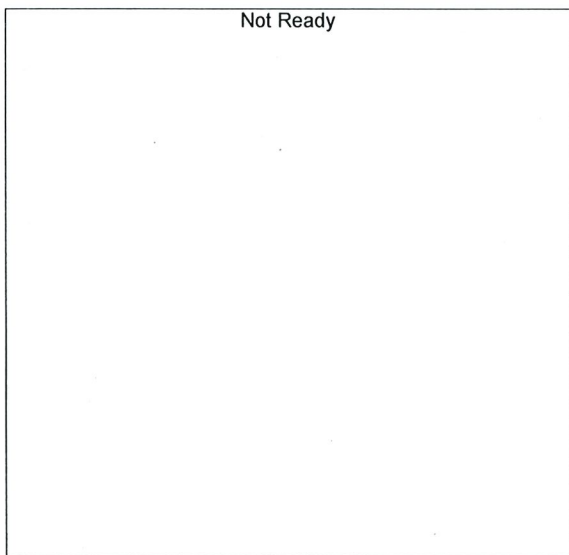
Name : METHANOL  
 Detector Name: FID2  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

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



Name : ETHANOL  
 Detector Name: FID2  
 Function :  $f(x)=1.78270*x-0.00978422$   
 R<sup>2</sup> value= 0.9999460  
 FitType: Linear  
 ZeroThrough: Not Through

| # | Conc. | Area   | Std. Conc. | Data File Name       |
|---|-------|--------|------------|----------------------|
| 1 | 0.050 | 15992  | 0.0514     | 0.050_712022_001.gcd |
| 2 | 0.100 | 33388  | 0.1000     | 0.100_712022_002.gcd |
| 3 | 0.200 | 68664  | 0.1982     | 0.200_712022_003.gcd |
| 4 | 0.300 | 104627 | 0.2992     | 0.300_712022_004.gcd |
| 5 | 0.500 | 177933 | 0.5010     | 0.500_712022_005.gcd |



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

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

*Handwritten signature/initials in blue ink.*



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

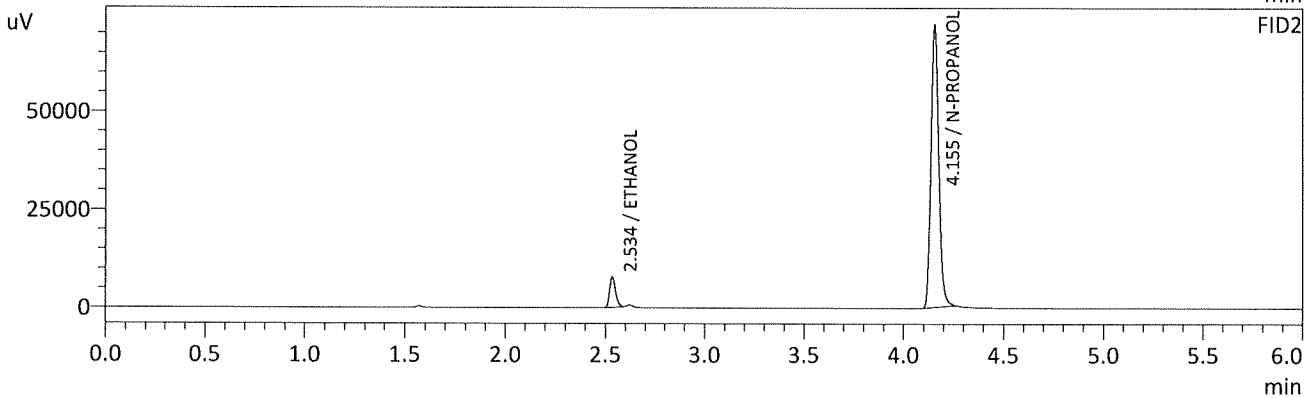
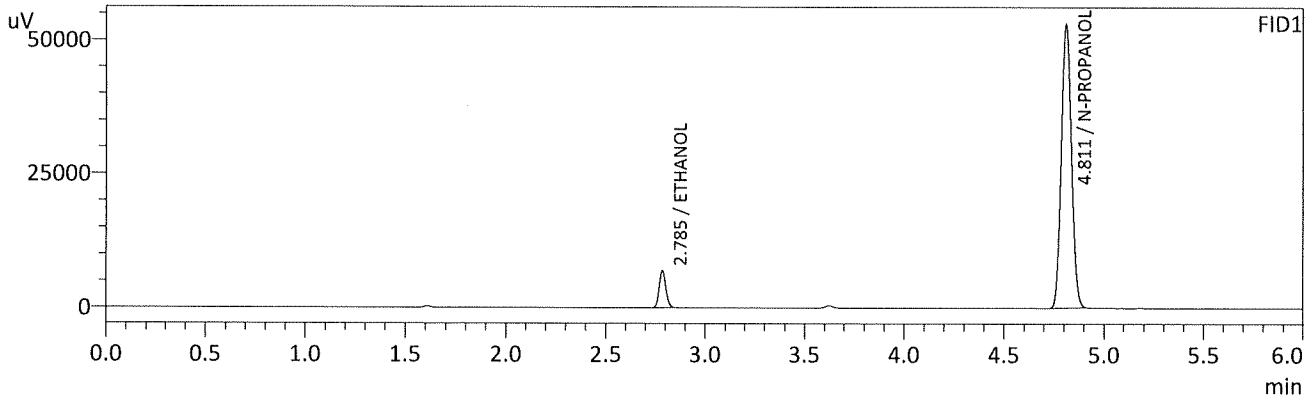
| # | Conc. | Area | Std. Conc. | Data File Name |
|---|-------|------|------------|----------------|
|---|-------|------|------------|----------------|

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\_712022\_001.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 11:50:54 AM  
 Date Processed : 7/2/2022 1:08:12 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



## FID1

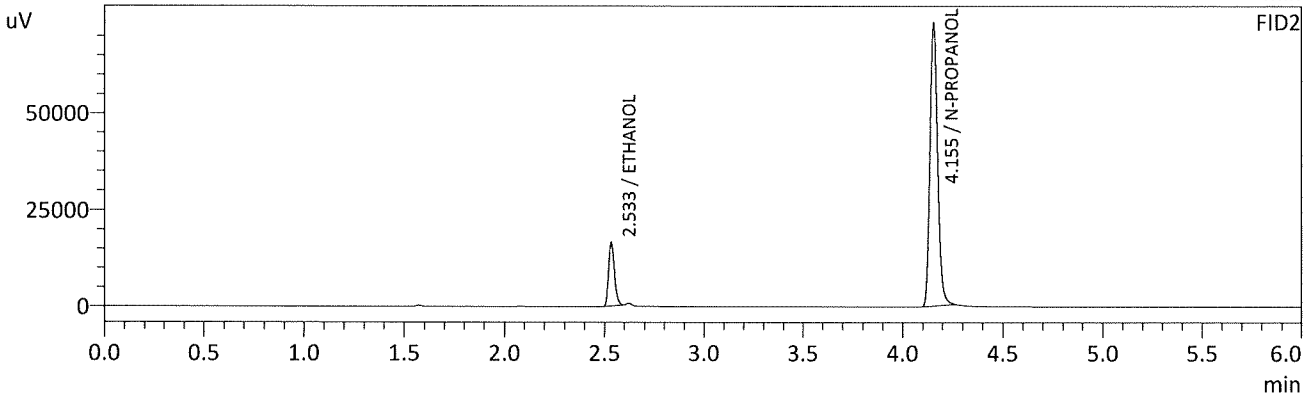
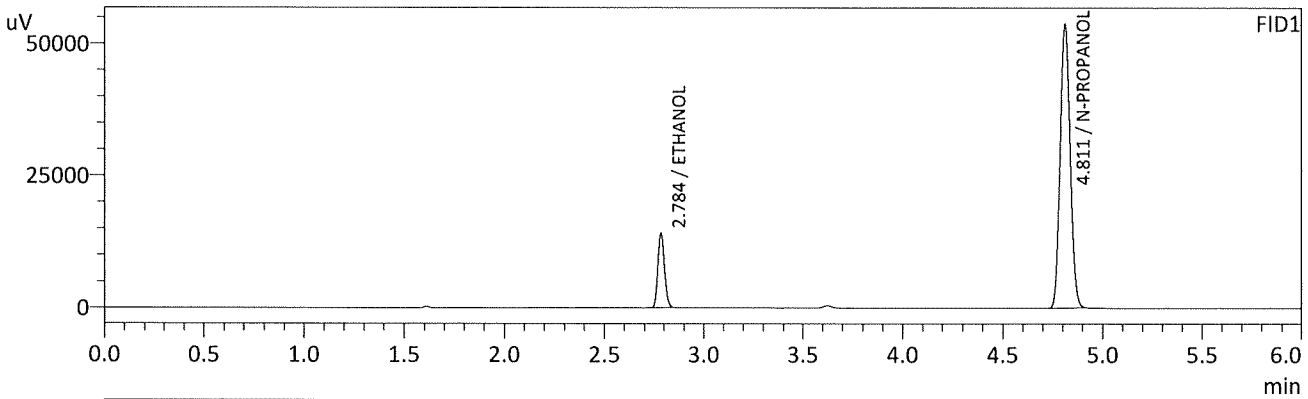
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0501 | g/100cc | 16089  | 6856   |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 186050 | 52903  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

## FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0514 | g/100cc | 15992  | 7711   |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 195123 | 71783  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

fc

Sample Name : 0.100  
 Vial # : 2  
 Data Filename : 0.100\_712022\_002.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 12:00:24 PM  
 Date Processed : 7/2/2022 1:08:15 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



FID1

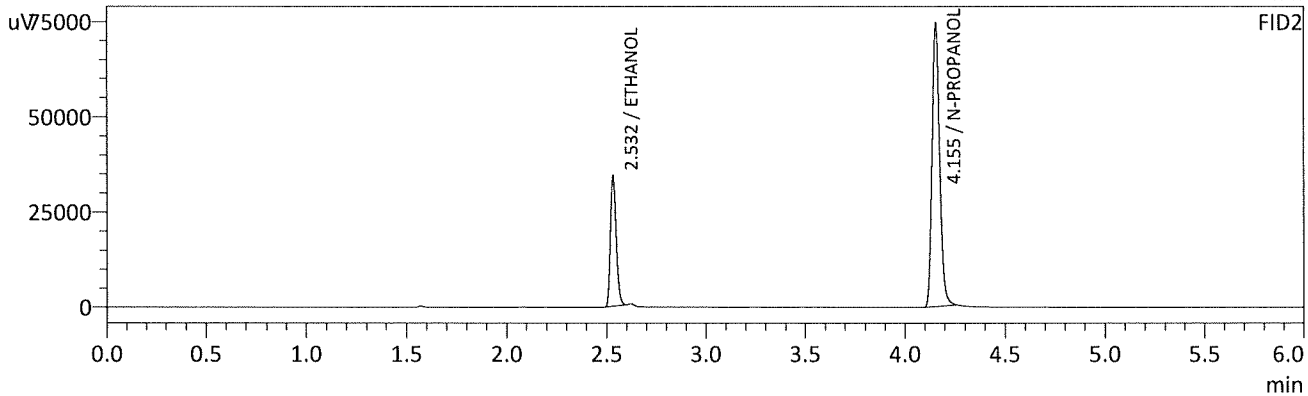
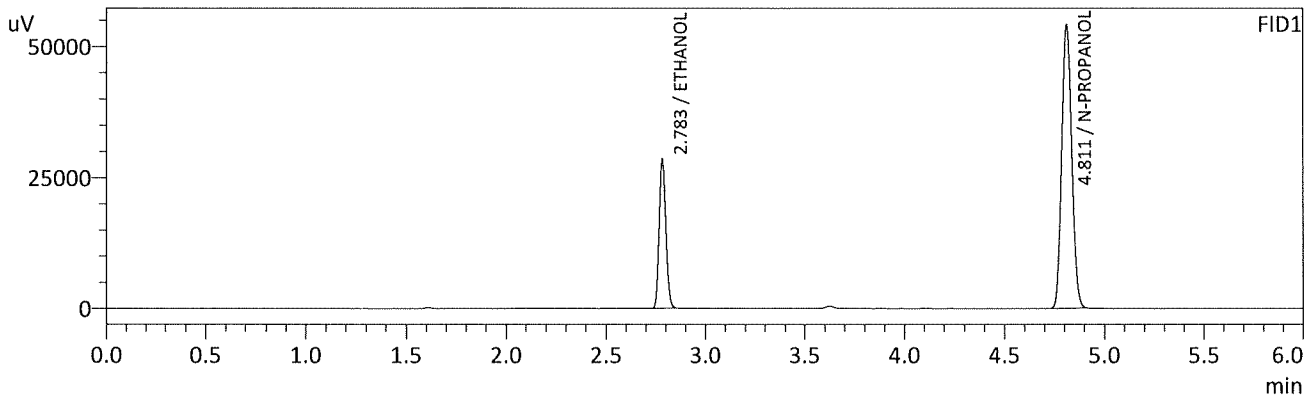
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.1002 | g/100cc | 32847  | 14067  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 188111 | 53501  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.1000 | g/100cc | 33388  | 16462  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 198016 | 73107  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC

Sample Name : 0.200  
 Vial # : 3  
 Data Filename : 0.200\_712022\_003.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 12:09:45 PM  
 Date Processed : 7/2/2022 1:08:16 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



## FID1

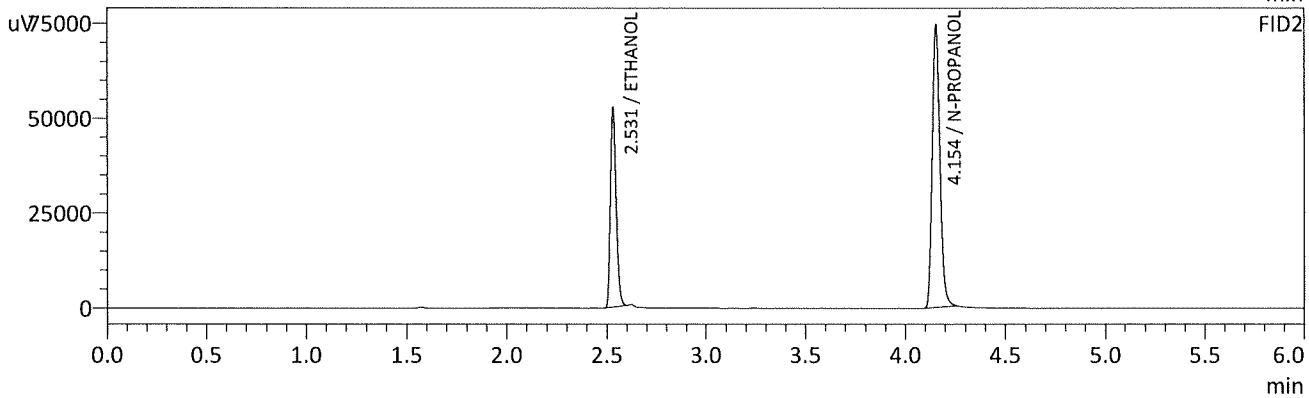
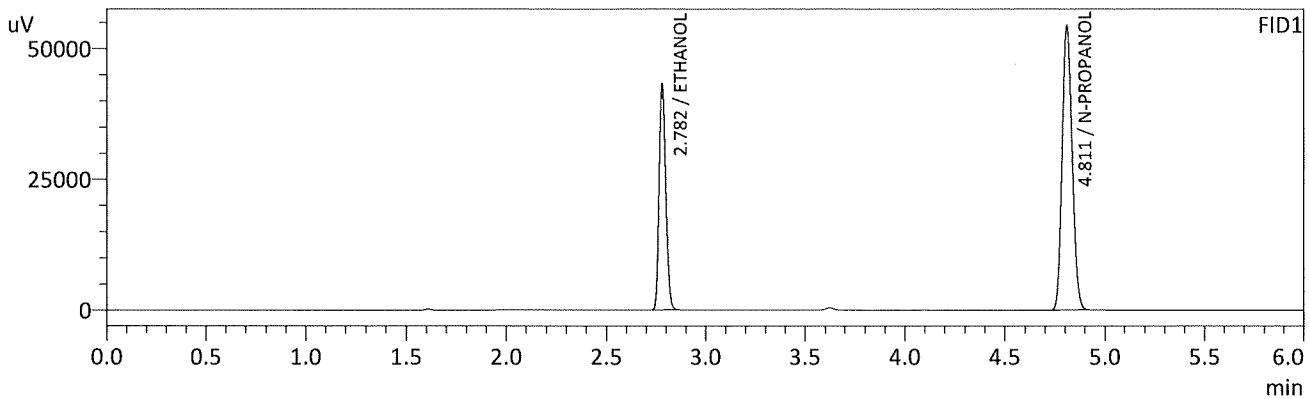
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.1994 | g/100cc | 66279  | 28387  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 189867 | 53948  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

## FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.1982 | g/100cc | 68664  | 34257  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 199852 | 74236  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC

Sample Name : 0.300  
 Vial # : 4  
 Data Filename : 0.300\_712022\_004.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 12:19:32 PM  
 Date Processed : 7/2/2022 1:08:18 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



## FID1

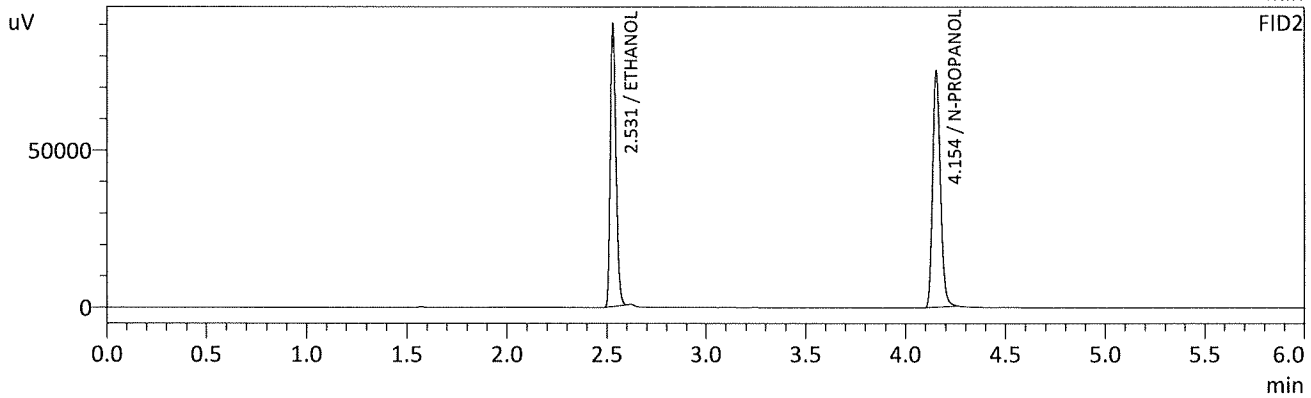
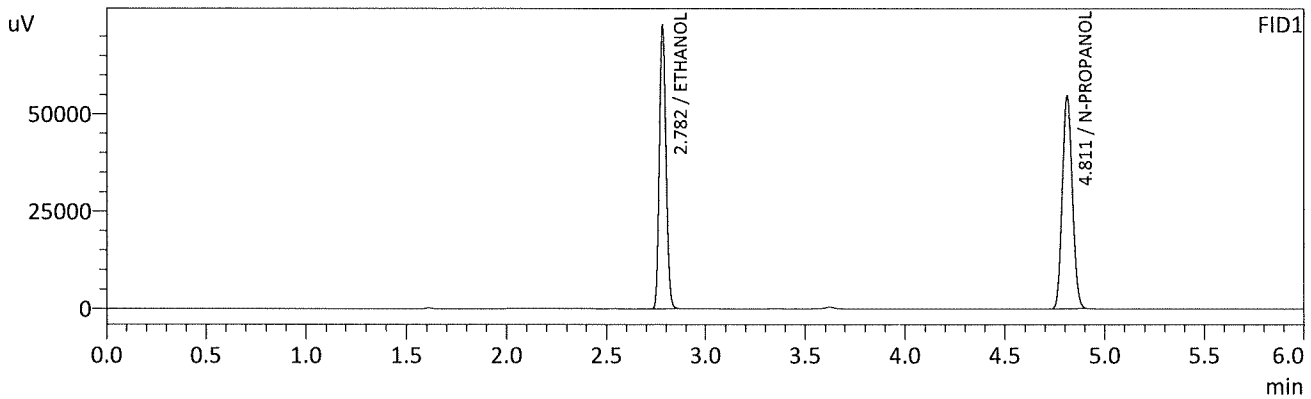
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.3001 | g/100cc | 100041 | 42771  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 190165 | 54278  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

## FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2992 | g/100cc | 104627 | 52342  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 199790 | 74042  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC

Sample Name : 0.500  
 Vial # : 5  
 Data Filename : 0.500\_712022\_005.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 12:29:01 PM  
 Date Processed : 7/2/2022 1:08:20 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



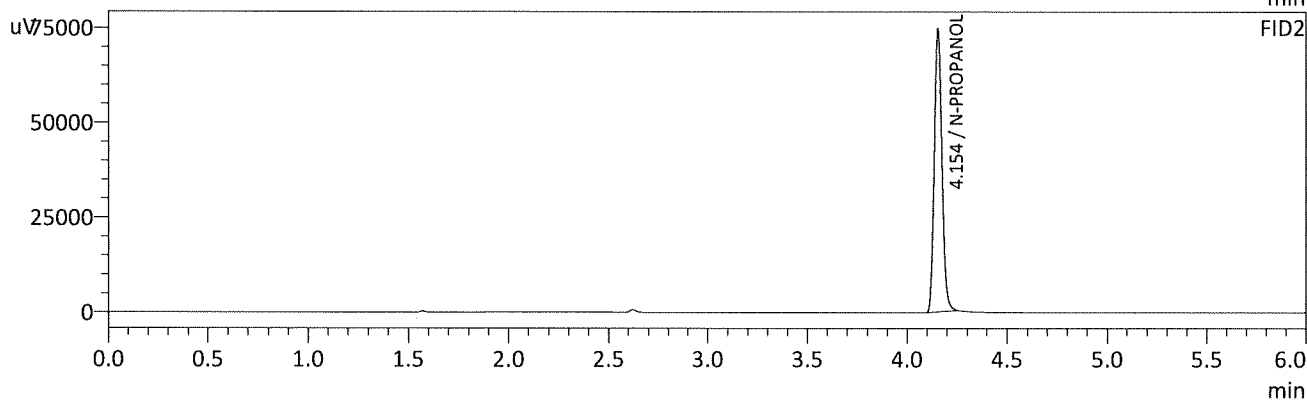
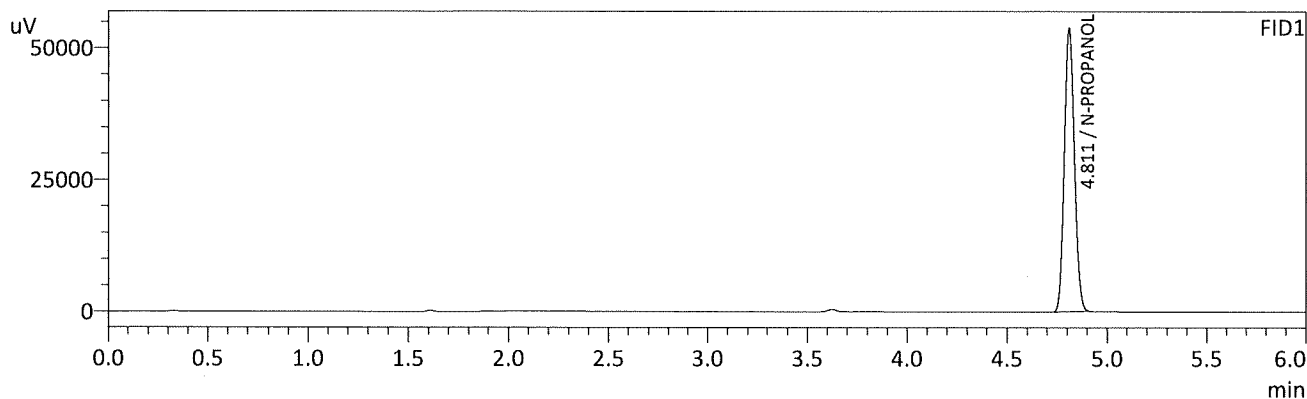
FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.5000 | g/100cc | 168268 | 71892  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 191707 | 54607  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.5010 | g/100cc | 177933 | 89499  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 201427 | 74840  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

Sample Name : INT STD BLK 1  
 Vial # : 6  
 Data Filename : INT STD BLK 1\_712022\_006.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 12:38:18 PM  
 Date Processed : 7/2/2022 1:08:23 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



FID1

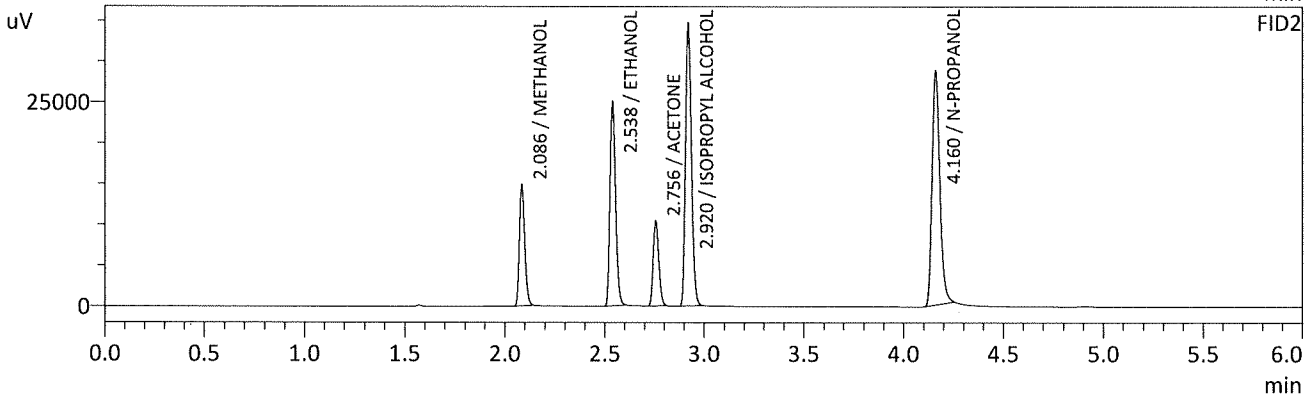
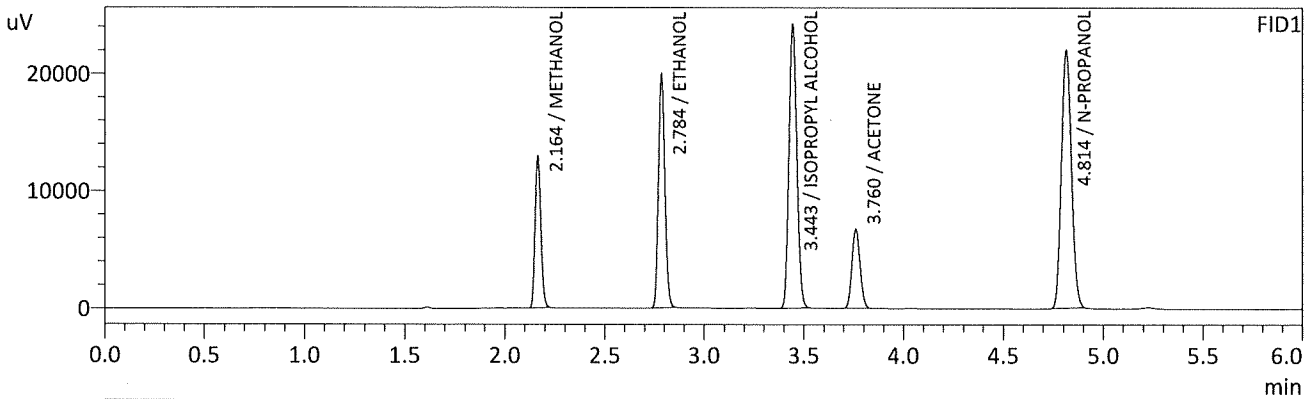
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 188131 | 53685  |
| 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 | 198909 | 74295  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC

Sample Name : MULTI-COMP MIX  
 Vial # : 7  
 Data Filename : MULTI-COMP MIX\_712022\_007.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 12:48:03 PM  
 Date Processed : 7/2/2022 1:08:25 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



FID1

| Name              | Conc.  | Unit    | Area  | Height |
|-------------------|--------|---------|-------|--------|
| METHANOL          | 0.0000 | g/100cc | 25875 | 12860  |
| ACETALDEHYDE      | --     | g/100cc | --    | --     |
| ETHANOL           | 0.3403 | g/100cc | 45646 | 19894  |
| ISOPROPYL ALCOHOL | 0.0000 | g/100cc | 66749 | 24094  |
| ACETONE           | 0.0000 | g/100cc | 19022 | 6719   |
| N-PROPANOL        | 0.0000 | g/100cc | 76476 | 21950  |
| DFE               | --     | g/100cc | --    | --     |
| TFE               | --     | g/100cc | --    | --     |

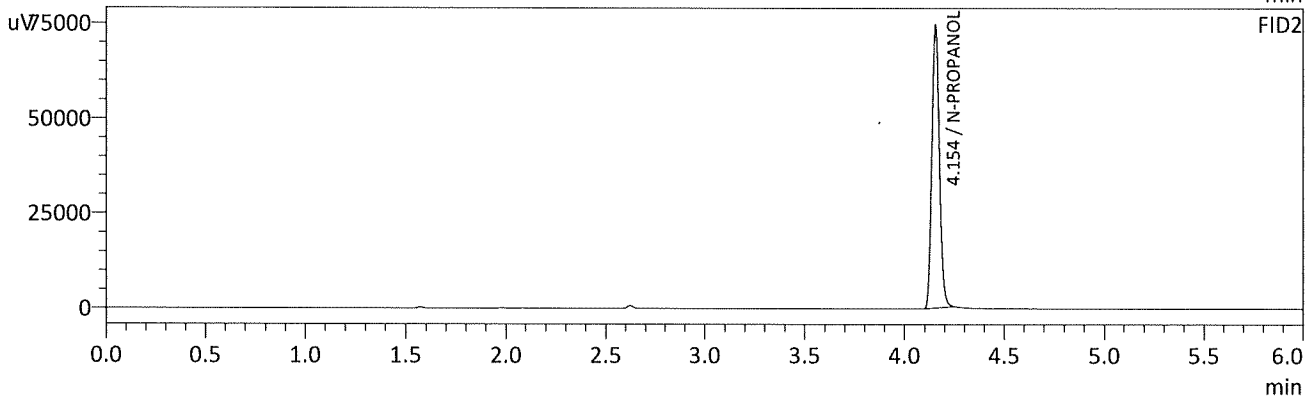
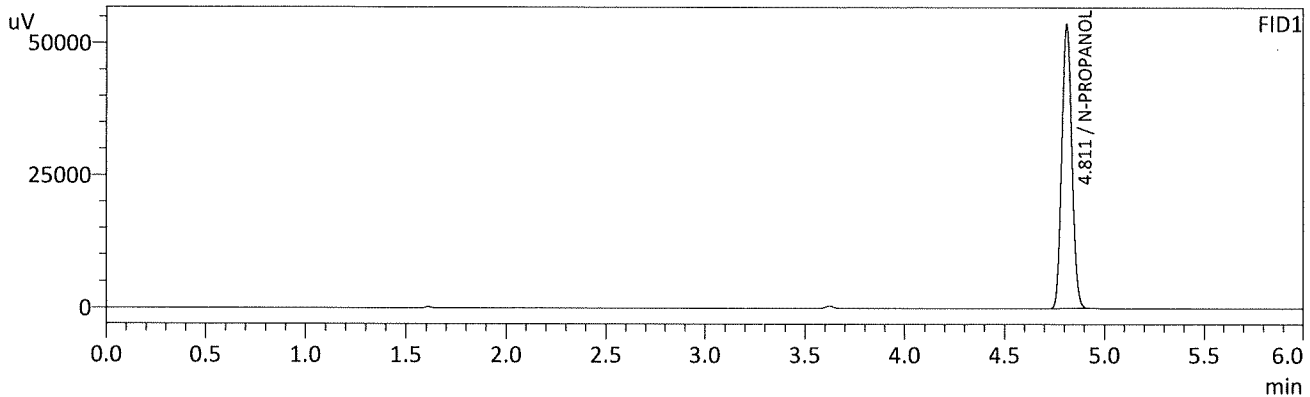
FID2

| Name              | Conc.  | Unit    | Area  | Height |
|-------------------|--------|---------|-------|--------|
| ACETALDEHYDE      | --     | g/100cc | --    | --     |
| METHANOL          | 0.0000 | g/100cc | 27502 | 14690  |
| ETHANOL           | 0.3594 | g/100cc | 48935 | 24743  |
| ACETONE           | 0.0000 | g/100cc | 20699 | 10411  |
| ISOPROPYL ALCOHOL | 0.0000 | g/100cc | 71827 | 34472  |
| N-PROPANOL        | 0.0000 | g/100cc | 77548 | 28587  |
| DFE               | --     | g/100cc | --    | --     |
| TFE               | --     | g/100cc | --    | --     |

RC



Sample Name : INT STD BLK 2  
 Vial # : 8  
 Data Filename : INT STD BLK 2\_712022\_008.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 12:57:34 PM  
 Date Processed : 7/2/2022 1:08:26 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.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 | 187599 | 53504  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

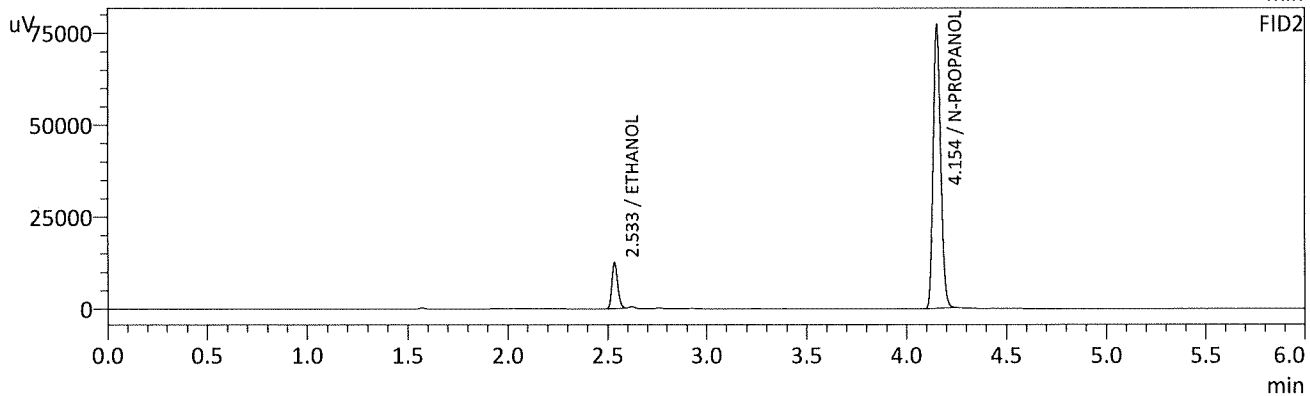
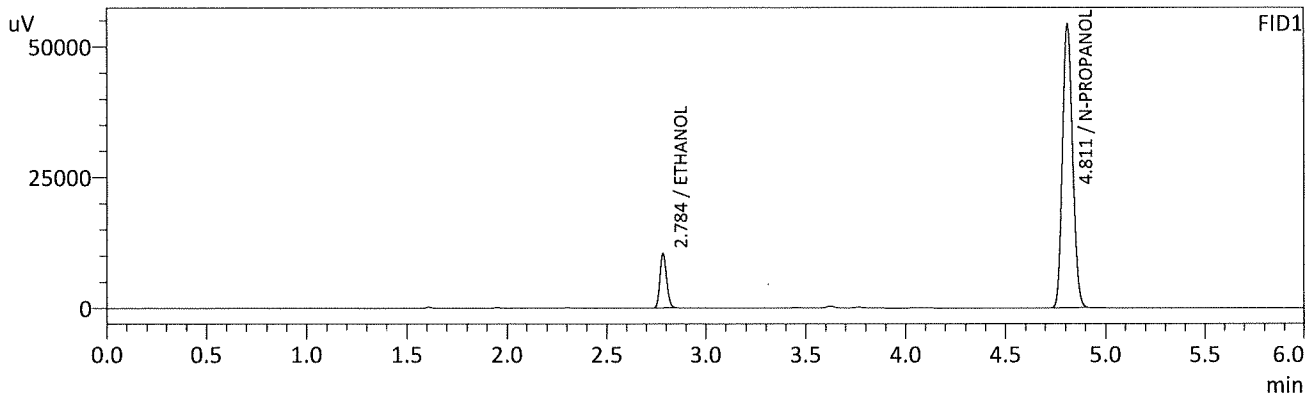
FID2

| 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 | 198166 | 73858  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC



Sample Name : QC-1-1-A  
 Vial # : 9  
 Data Filename : QC-1-1-A\_712022\_009.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 1:06:51 PM  
 Date Processed : 7/2/2022 1:08:28 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



FID1

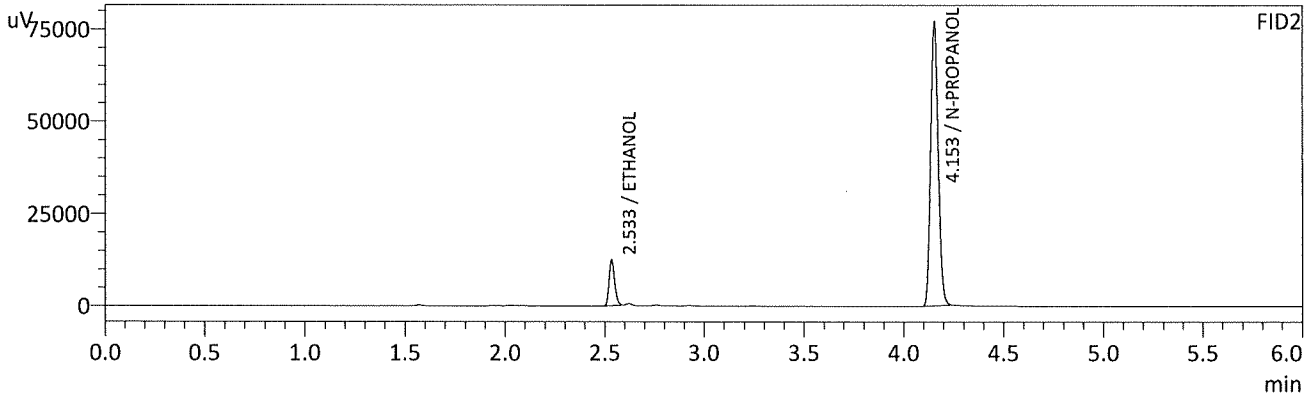
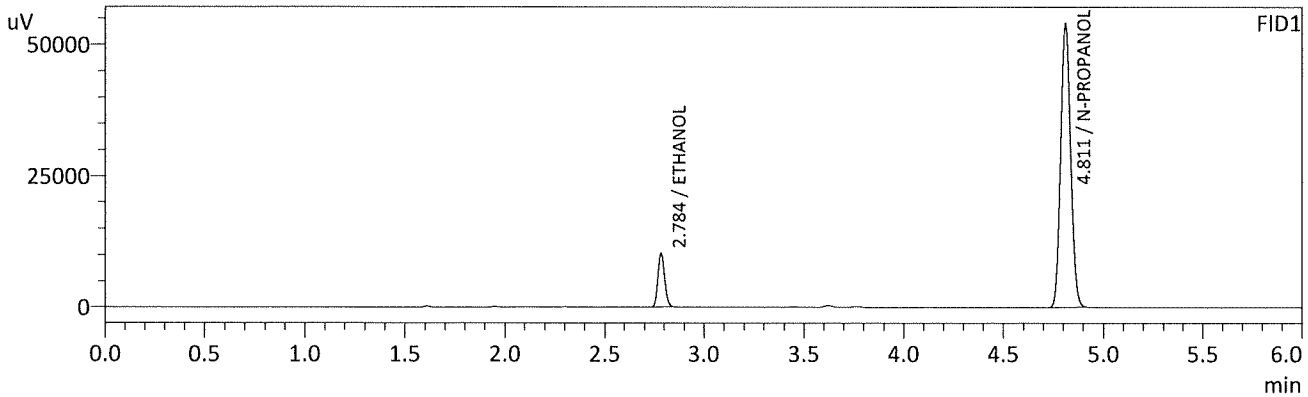
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0732 | g/100cc | 24156  | 10375  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 189858 | 54027  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0743 | g/100cc | 24901  | 12466  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 202956 | 76412  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC

Sample Name : QC-1-1-B  
 Vial # : 10  
 Data Filename : QC-1-1-B\_712022\_010.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 1:16:36 PM  
 Date Processed : 7/2/2022 1:08:29 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0733 | g/100cc | 24057  | 10317  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 188873 | 53843  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0743 | g/100cc | 24827  | 12416  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 202299 | 76303  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC

**VOLATILES BAC CASEFILE WORKSHEET**

Laboratory No.: 0.080 QA

Item #

Analysis Date(s): 7/1/2022

|                | Column 1<br>FID A | Column 2<br>FID B | Column Precision | Mean Value | Sample A-B<br>Difference | Over-all Mean |
|----------------|-------------------|-------------------|------------------|------------|--------------------------|---------------|
| Sample Results | 0.0801            | 0.0812            | 0.0011           | 0.0806     | 0.0001                   | 0.0806        |
| (g/100cc)      | 0.0801            | 0.0813            | 0.0012           | 0.0807     |                          |               |

**Analysis Method**

Refer to Blood Alcohol Method #1

**Instrument Information**

*Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

**Reporting of Results**

**Uncertainty of Measurement (UM%): 5.00%**

| Overall Mean (g/100cc) | Low   | High  | 5% of Mean |
|------------------------|-------|-------|------------|
| 0.080                  | 0.076 | 0.084 | 0.004      |

| Reported Result |  |
|-----------------|--|
| 0.080           |  |

*Calibration and control data are stored centrally.*

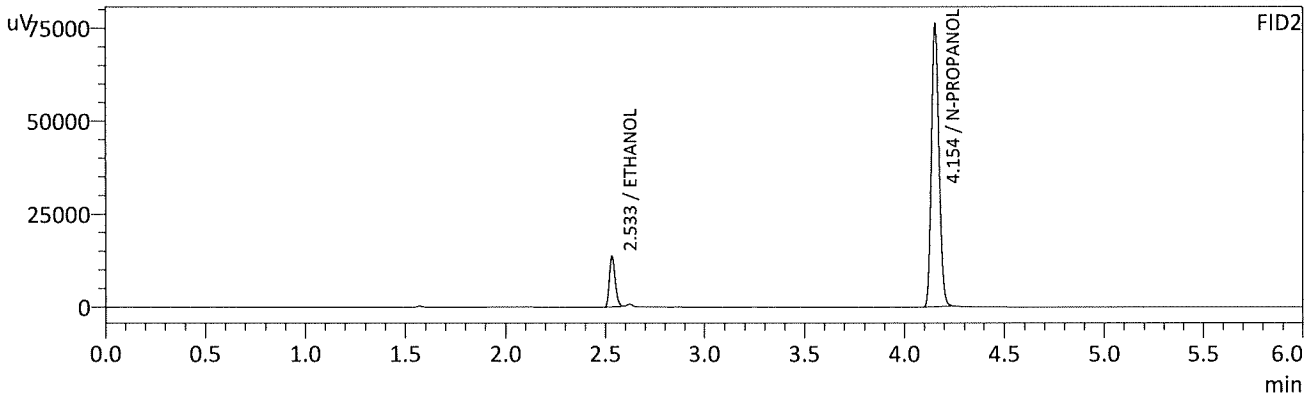
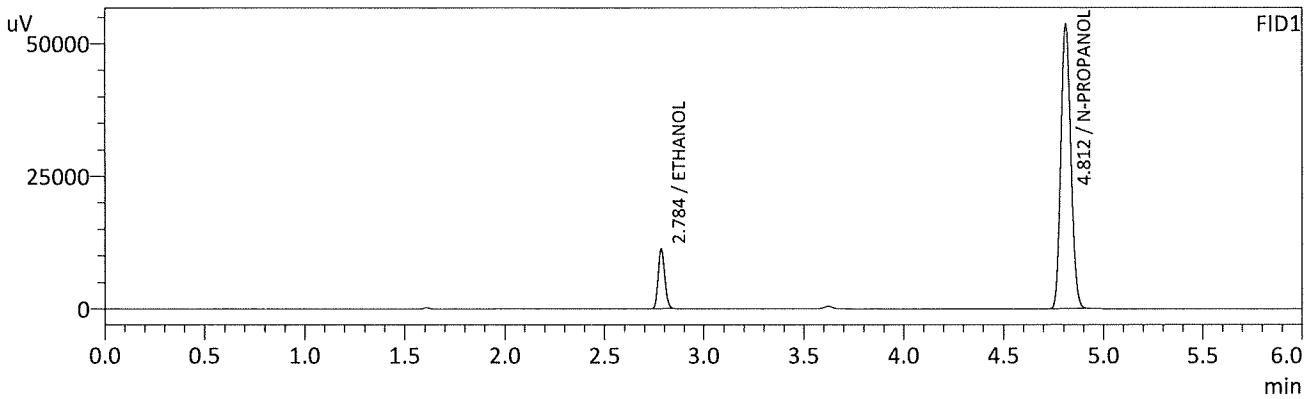


Revision: 1

Issue Date: 12/29/2021

Issuing Authority: Quality Manager

Sample Name : 0.08 QA - A  
 Vial # : 11  
 Data Filename : 0.08 QA - A\_712022\_011.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 1:26:07 PM  
 Date Processed : 7/2/2022 1:08:31 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



FID1

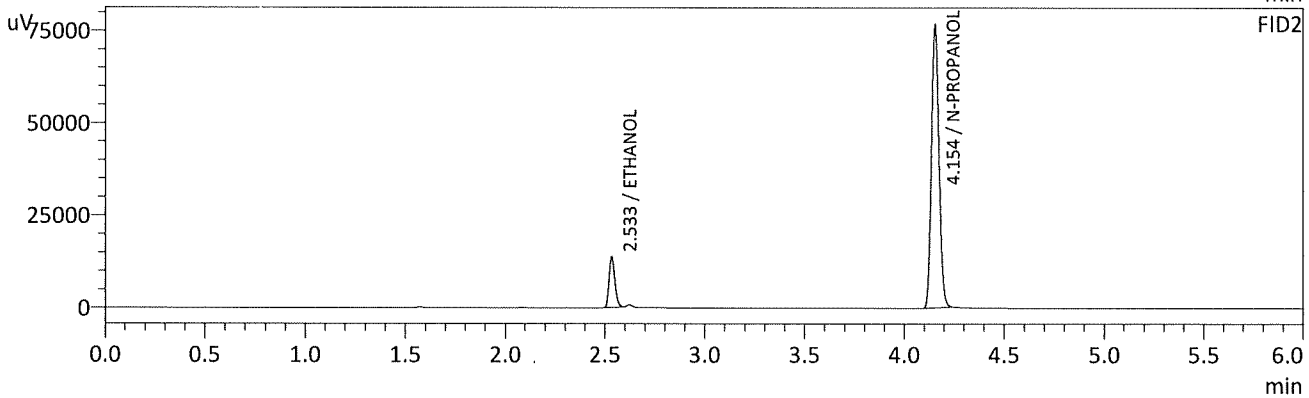
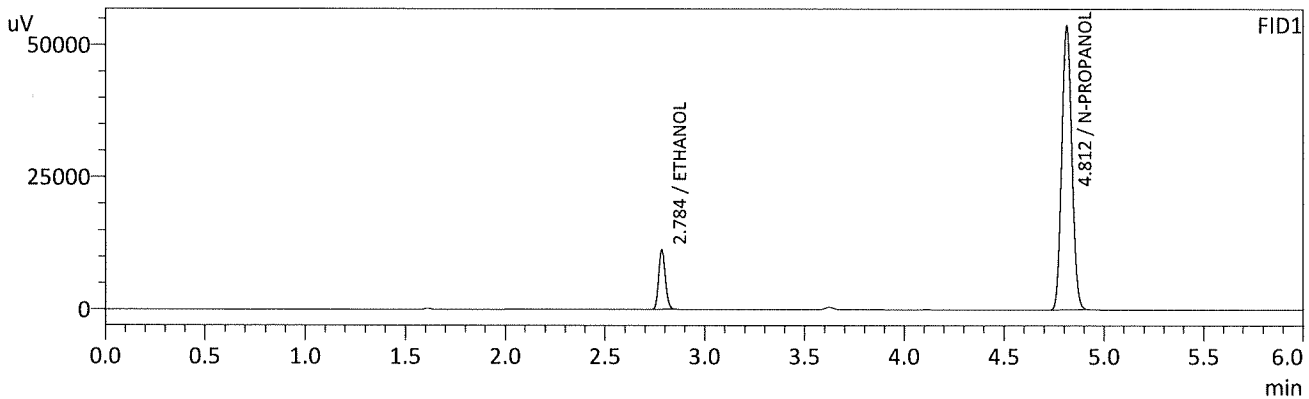
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0801 | g/100cc | 26168  | 11220  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 187805 | 53325  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0812 | g/100cc | 27133  | 13579  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 200769 | 75537  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

*chc*

Sample Name : 0.08 QA - B  
 Vial # : 12  
 Data Filename : 0.08 QA - B\_712022\_012.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 1:35:25 PM  
 Date Processed : 7/2/2022 1:08:32 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



## FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0801 | g/100cc | 26267  | 11245  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 188525 | 53459  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

## FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0813 | g/100cc | 27241  | 13614  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 201531 | 76150  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC

**VOLATILES BAC CASEFILE WORKSHEET**

Laboratory No.: QC2-1

Item #

Analysis Date(s): 7/1/2022

|                | Column 1<br>FID A | Column 2<br>FID B | Column Precision | Mean Value | Sample A-B<br>Difference | Over-all Mean |
|----------------|-------------------|-------------------|------------------|------------|--------------------------|---------------|
| Sample Results | 0.2156            | 0.2159            | 0.0003           | 0.2157     | 0.0007                   | 0.2154        |
| (g/100cc)      | 0.2148            | 0.2153            | 0.0005           | 0.2150     |                          |               |

**Analysis Method**

Refer to Blood Alcohol Method #1

**Instrument Information**

*Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

**Reporting of Results**

**Uncertainty of Measurement (UM%): 5.00%**

| Overall Mean (g/100cc) | Low   | High  | 5% of Mean |
|------------------------|-------|-------|------------|
| 0.215                  | 0.204 | 0.226 | 0.011      |

| Reported Result |  |
|-----------------|--|
| 0.215           |  |

*Calibration and control data are stored centrally.*



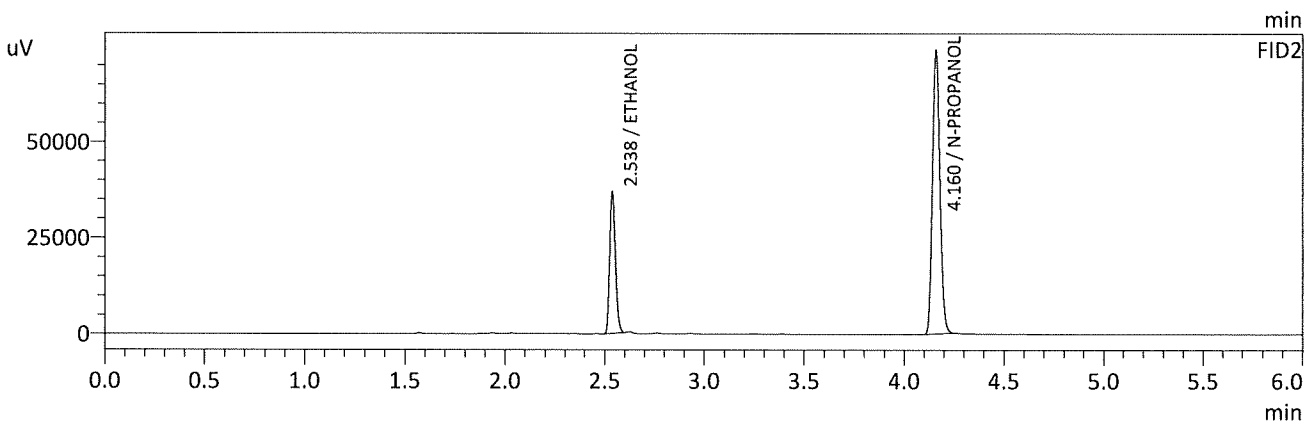
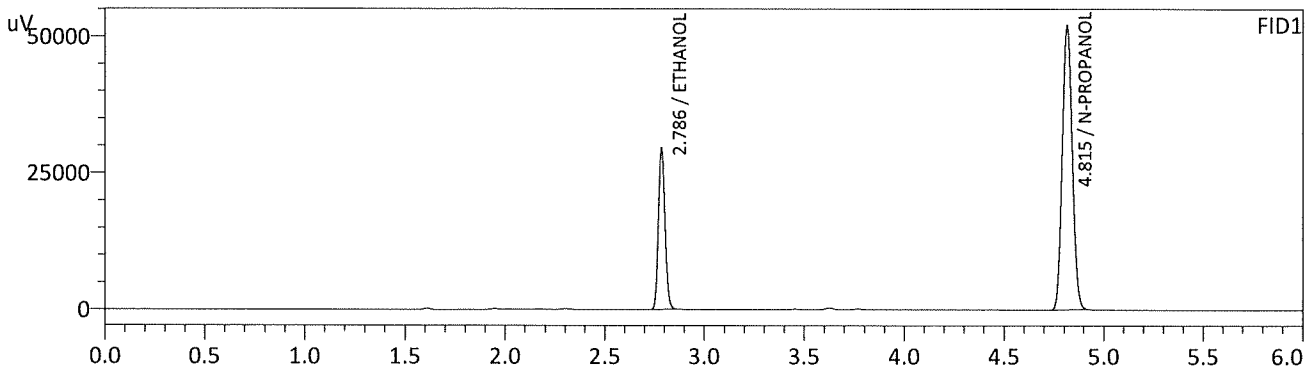
Revision: 1

Issue Date: 12/29/2021

Issuing Authority: Quality Manager



Sample Name : QC-2-1-A  
 Vial # : 31  
 Data Filename : QC-2-1-A\_712022\_031.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 4:36:27 PM  
 Date Processed : 7/2/2022 1:09:01 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



FID1

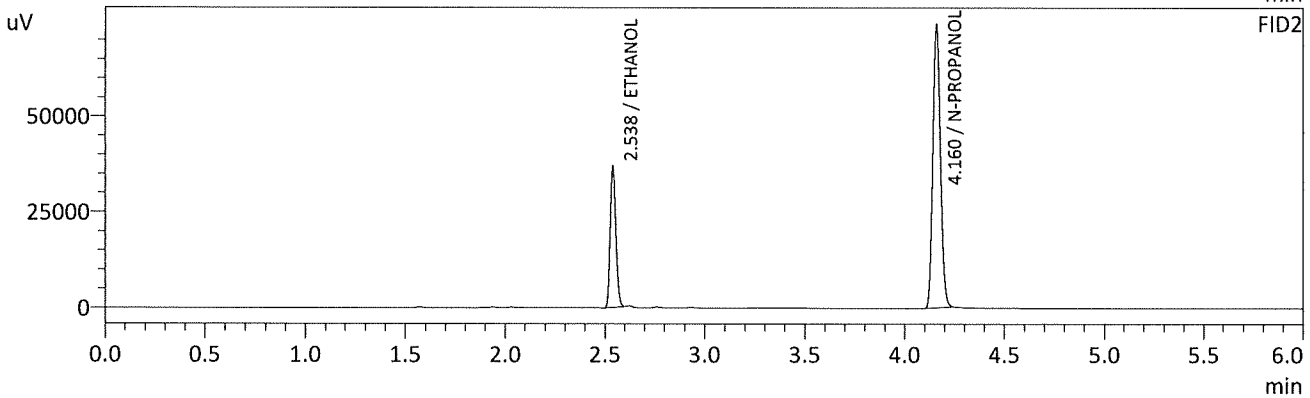
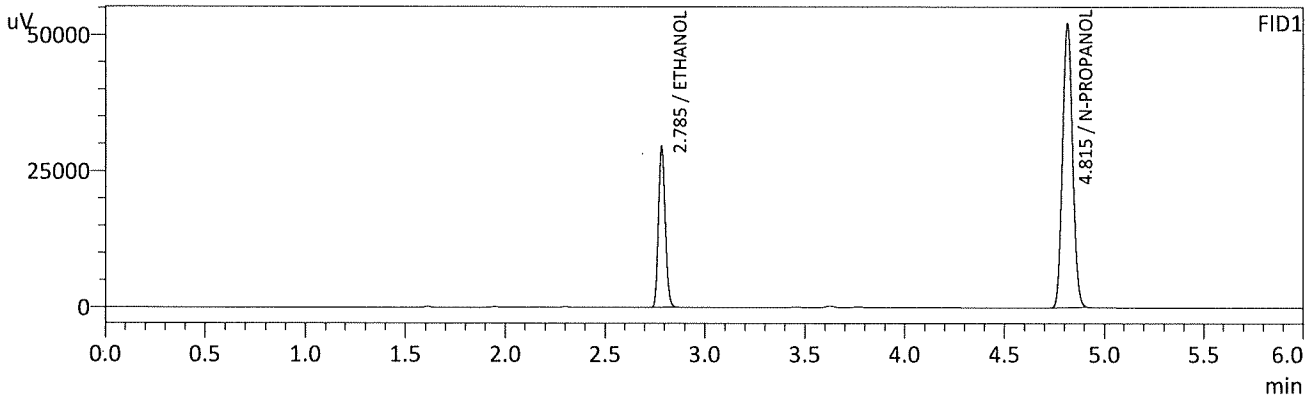
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2156 | g/100cc | 68875  | 29362  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 182454 | 51966  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2159 | g/100cc | 72991  | 36471  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 194581 | 73780  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

HC

Sample Name : QC-2-1-B  
 Vial # : 32  
 Data Filename : QC-2-1-B\_712022\_032.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 4:45:59 PM  
 Date Processed : 7/2/2022 1:09:02 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2148 | g/100cc | 68698  | 29340  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 182590 | 52124  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

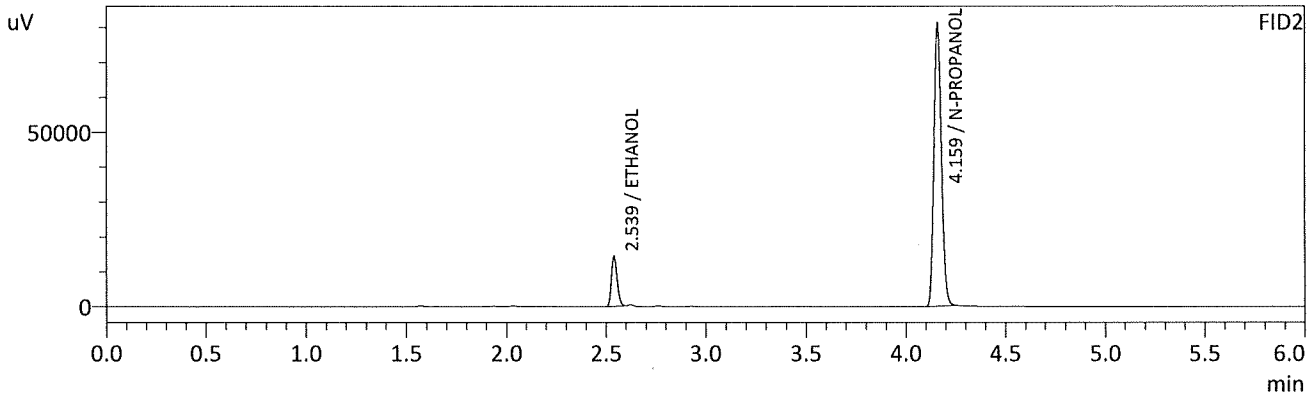
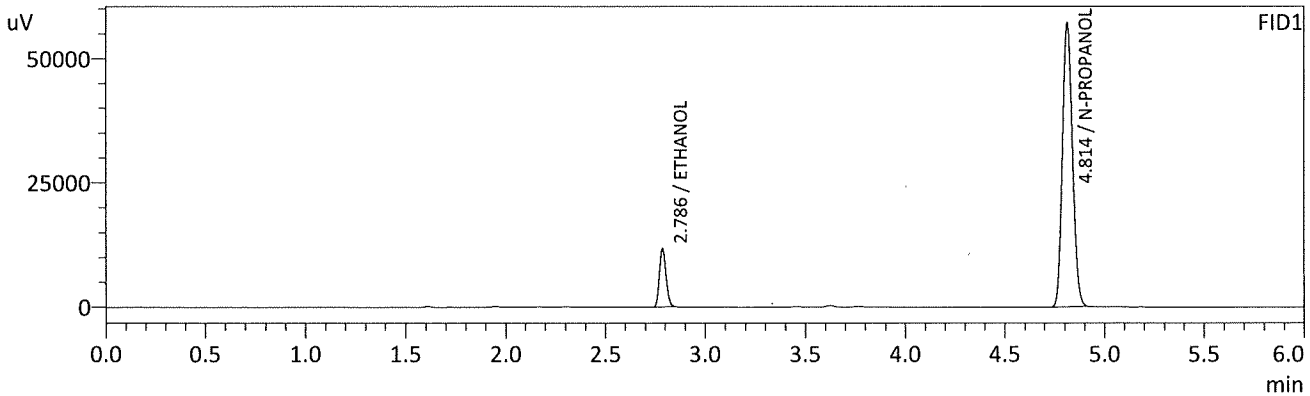
FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2153 | g/100cc | 72842  | 36513  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 194748 | 73815  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

AC



Sample Name : QC1-2-A  
 Vial # : 53  
 Data Filename : QC1-2-A\_712022\_053.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 8:05:52 PM  
 Date Processed : 7/2/2022 1:09:28 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



FID1

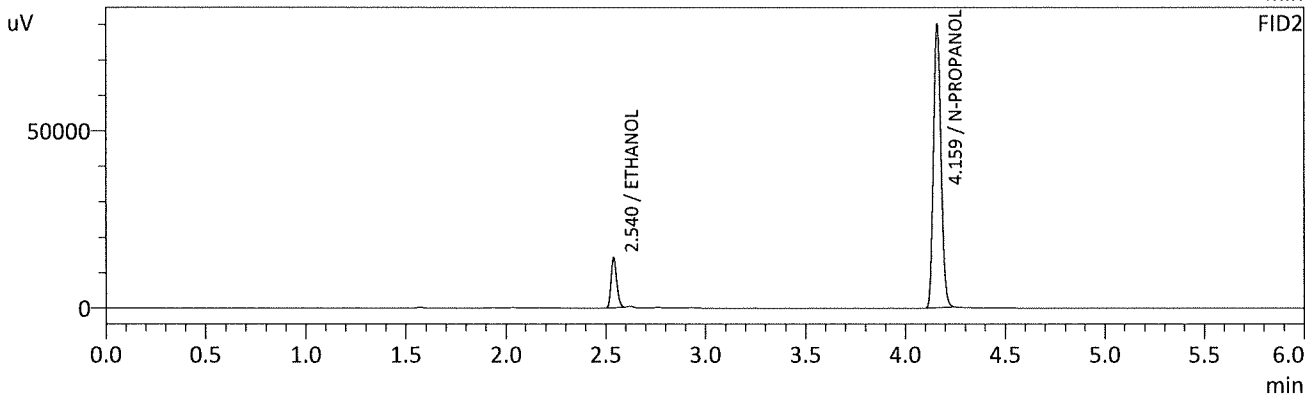
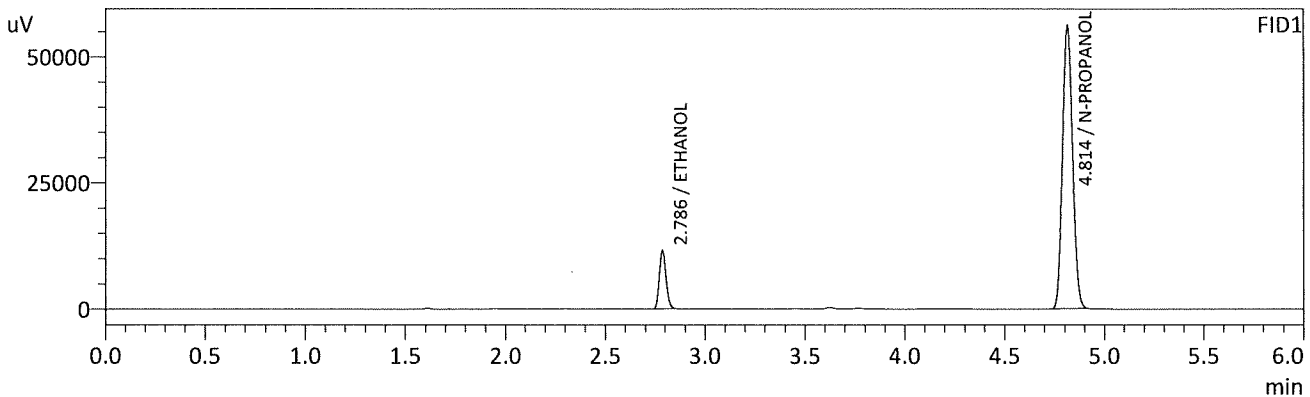
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0793 | g/100cc | 27522  | 11659  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 199662 | 57124  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0807 | g/100cc | 28644  | 14189  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 213462 | 80738  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC

Sample Name : QC1-2-B  
 Vial # : 54  
 Data Filename : QC1-2-B\_712022\_054.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 8:15:09 PM  
 Date Processed : 7/2/2022 1:09:29 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0794 | g/100cc | 27126  | 11478  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 196582 | 56169  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

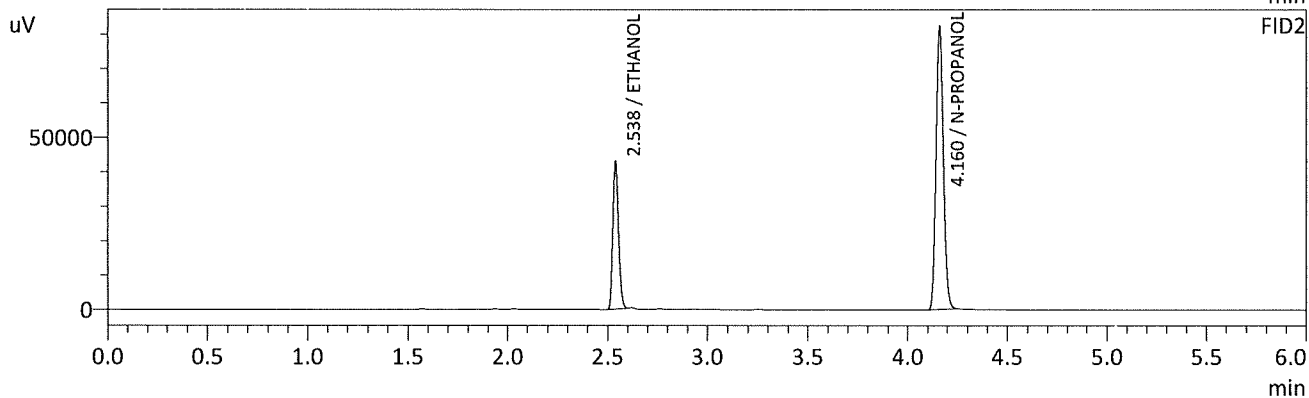
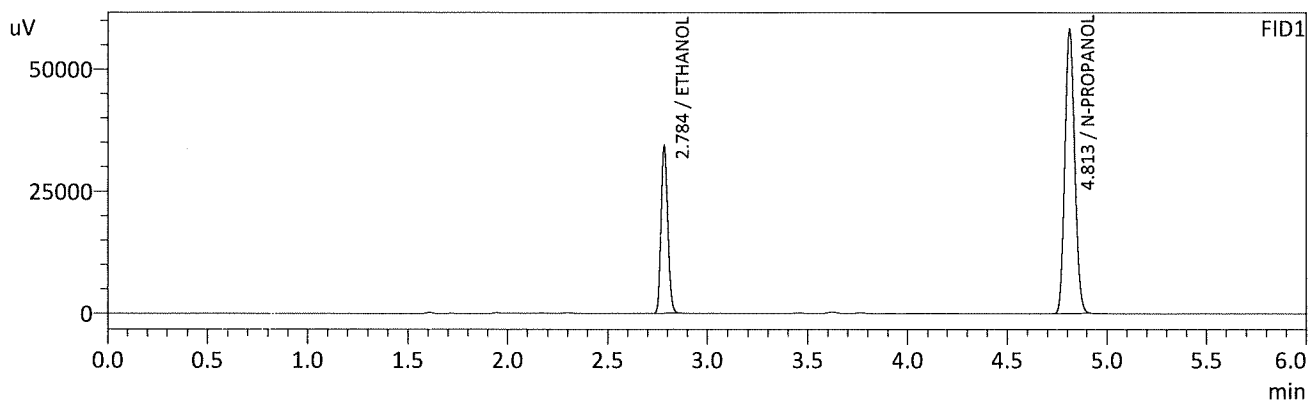
FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.0808 | g/100cc | 28236  | 14041  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 210172 | 79762  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC



Sample Name : QC2-2-A  
 Vial # : 67  
 Data Filename : QC2-2-A\_712022\_067.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 10:19:09 PM  
 Date Processed : 7/2/2022 1:09:44 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



FID1

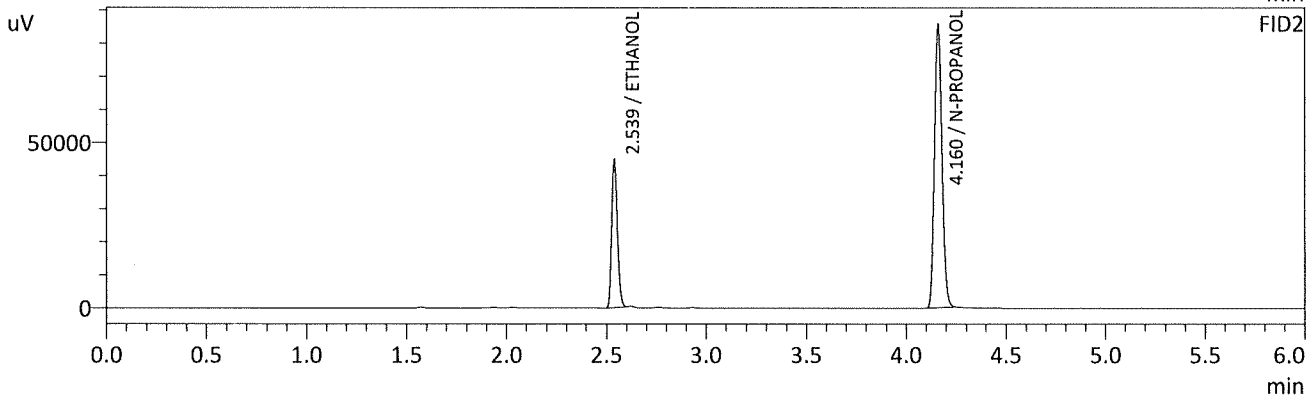
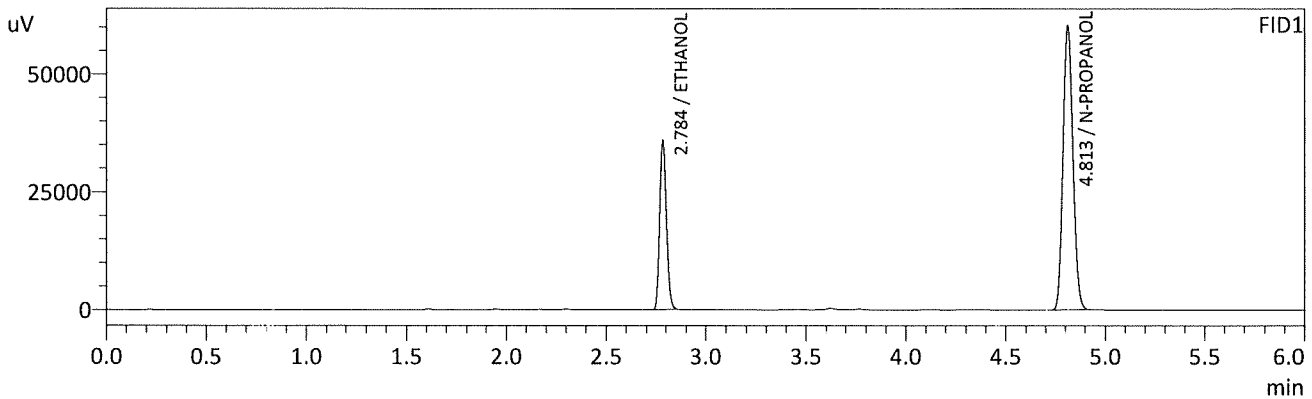
| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2247 | g/100cc | 79937  | 34266  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 203138 | 58143  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2249 | g/100cc | 84848  | 42514  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 216909 | 82203  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC

Sample Name : QC2-2-B  
 Vial # : 68  
 Data Filename : QC2-2-B\_712022\_068.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 10:28:33 PM  
 Date Processed : 7/2/2022 1:09:45 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.gcm



FID1

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| METHANOL          | --     | g/100cc | --     | --     |
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2260 | g/100cc | 83505  | 35813  |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| ACETONE           | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 210961 | 60253  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

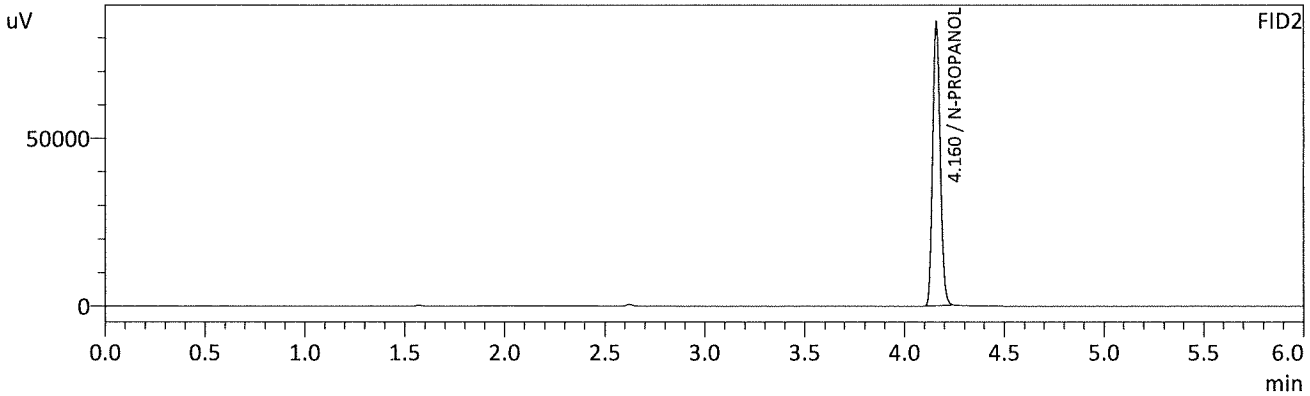
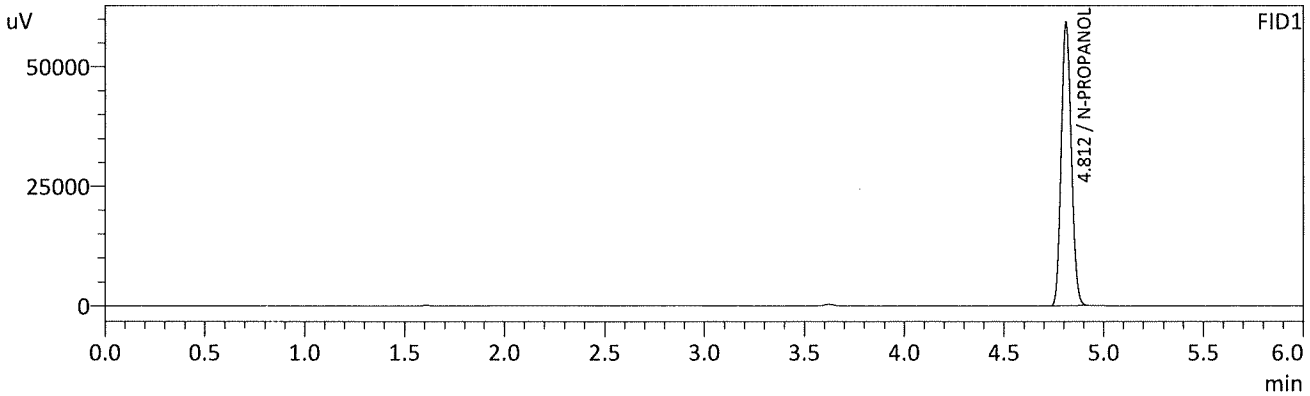
FID2

| Name              | Conc.  | Unit    | Area   | Height |
|-------------------|--------|---------|--------|--------|
| ACETALDEHYDE      | --     | g/100cc | --     | --     |
| METHANOL          | --     | g/100cc | --     | --     |
| ETHANOL           | 0.2262 | g/100cc | 88618  | 44241  |
| ACETONE           | --     | g/100cc | --     | --     |
| ISOPROPYL ALCOHOL | --     | g/100cc | --     | --     |
| N-PROPANOL        | 0.0000 | g/100cc | 225199 | 85515  |
| DFE               | --     | g/100cc | --     | --     |
| TFE               | --     | g/100cc | --     | --     |

RC



Sample Name : INT STD BLK 3  
 Vial # : 69  
 Data Filename : INT STD BLK 3\_712022\_069.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 7-1-22 batch.gcb  
 Date Acquired : 7/1/2022 10:37:50 PM  
 Date Processed : 7/2/2022 1:09:46 PM  
 C:\LabSolutions\Data\2022\7-1-22 RC\ALCOHOL.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 | 207198 | 59196  |
| 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 | 222105 | 84471  |
| DFE               | --     | g/100cc | --     | --     |
| 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 5.98

Copyright (C) 2008-2019 Shimadzu Corporation. All rights reserved.

| Vial# | Sample Name    | Sample Type    | Method File | Data File                      | Level# |
|-------|----------------|----------------|-------------|--------------------------------|--------|
| 1     | 0.050          | 1:Standard:(I) | ALCOHOL.gcm |                                | 1      |
| 2     | 0.100          | 1:Standard:(R) | ALCOHOL.gcm |                                | 2      |
| 3     | 0.200          | 1:Standard:(R) | ALCOHOL.gcm |                                | 3      |
| 4     | 0.300          | 1:Standard:(R) | ALCOHOL.gcm |                                | 4      |
| 5     | 0.500          | 1:Standard:(R) | ALCOHOL.gcm |                                | 5      |
| 6     | INT STD BLK 1  | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 7     | MULTI-COMP MIX | 0:Unknown      | ALCOHOL.gcm | MULTI-COMP MIX_1292021_001.gcd | 1      |
| 8     | INT STD BLK 2  | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 9     | QC-1-1-A       | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 10    | QC-1-1-B       | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 11    | 0.08 QA - A    | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 12    | 0.08 QA - B    | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 13    | P2022-1853-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 14    | P2022-1853-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 15    | P2022-1854-2-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 16    | P2022-1854-2-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 17    | P2022-1866-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 18    | P2022-1866-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 19    | P2022-1867-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 20    | P2022-1867-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 21    | P2022-1878-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 22    | P2022-1878-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 23    | P2022-1879-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 24    | P2022-1879-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 25    | P2022-1887-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 26    | P2022-1887-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 27    | P2022-1888-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 28    | P2022-1888-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 29    | P2022-1920-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 30    | P2022-1920-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 31    | QC-2-1-A       | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 32    | QC-2-1-B       | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 33    | P2022-1921-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 34    | P2022-1921-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 35    | P2022-1922-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 36    | P2022-1922-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 37    | P2022-1923-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 38    | P2022-1923-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 39    | P2022-1941-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 40    | P2022-1941-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 41    | P2022-1942-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 42    | P2022-1942-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 43    | P2022-1945-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 44    | P2022-1945-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 45    | P2022-1946-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 46    | P2022-1946-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 47    | P2022-1961-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 48    | P2022-1961-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 49    | P2022-1964-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 50    | P2022-1964-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 51    | P2022-1965-1-A | 0:Unknown      | ALCOHOL.gcm |                                | 0      |
| 52    | P2022-1965-1-B | 0:Unknown      | ALCOHOL.gcm |                                | 0      |

RC

| Vial# | Sample Name    | Sample Type | Method File | Data File | Level# |
|-------|----------------|-------------|-------------|-----------|--------|
| 53    | QC1-2-A        | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 54    | QC1-2-B        | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 55    | P2022-1966-1-A | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 56    | P2022-1966-1-B | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 57    | P2022-1974-1-A | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 58    | P2022-1974-1-B | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 59    | P2022-1986-1-A | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 60    | P2022-1986-1-B | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 61    | P2022-1992-2-A | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 62    | P2022-1992-2-B | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 63    | P2022-1995-1-A | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 64    | P2022-1995-1-B | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 65    | P2022-2003-1-A | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 66    | P2022-2003-1-B | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 67    | QC2-2-A        | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 68    | QC2-2-B        | 0:Unknown   | ALCOHOL.gcm |           | 0      |
| 69    | INT STD BLK 3  | 0:Unknown   | ALCOHOL.gcm |           | 0      |