## Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

*Analytical Method(s): 1.0*

*Device: Hamilton MICROLAB 600 Liquid Processor/Dilutor Serial Number: ML600HC11378*

**Volatiles Quality Assurance Controls**

**Run Date(s): ext: 8/15/18**

calibration: 8/15/18

| Control level | Expiration | Lot # | Target Value | Acceptable Range | Overall Results |
|---|---|---|---|---|---|
| Level 1 | Jan-22 | 1801036 | 0.0812 | 0.0731-0.0893 | 0.0803 g/100cc |
| | | | | | g/100cc |
| | | | | | g/100cc |
| Level 2 | Mar-22 | 1803028 | 0.2035 | 0.1832-0.2238 | 0.2140 g/100cc |
| | | | | | g/100cc |
| | | | | | g/100cc |

| Multi-Component mixture: | Exp date: Sept 2020 | Lot # | FN06041502 | OK |
|---|---|---|---|---|
| Curve Fit: | Column 1 | 1.00000 | Column2 | 0.99991 |

**Ethanol Calibration Reference Material**

| Calibrator level | Expiration | Cerilliant Lot # | Target Value | Acceptable Range | Column 1 | Column 2 | Precision | Mean |
|---|---|---|---|---|---|---|---|---|
| 0.050 | Jul-19 | FN06231406 | 0.050 | 0.045 - 0.055 | 0.0505 | 0.0526 | 0.0021 | 0.0515 |
| 0.080 | | | 0.080 | 0.072 - 0.088 | | | 0 | #DIV/0! |
| 0.100 | Aug-21 | FN08101601 | 0.100 | 0.090 - 0.110 | 0.0999 | 0.1001 | 0.0002 | 0.1 |
| 0.200 | Apr-21 | FN03301601 | 0.200 | 0.180 - 0.220 | 0.1993 | 0.1977 | 0.0016 | 0.1985 |
| 0.300 | Feb-21 | FN02121601 | 0.300 | 0.270 - 0.330 | 0.3001 | 0.2974 | 0.0027 | 0.2987 |
| 0.400 | | | 0.400 | 0.360 - 0.440 | | | 0 | #DIV/0! |
| 0.500 | Aug-19 | FN07031402 | 0.500 | 0.450 - 0.550 | 0.5002 | 0.5022 | 0.002 | 0.5012 |

**Aqueous Controls**

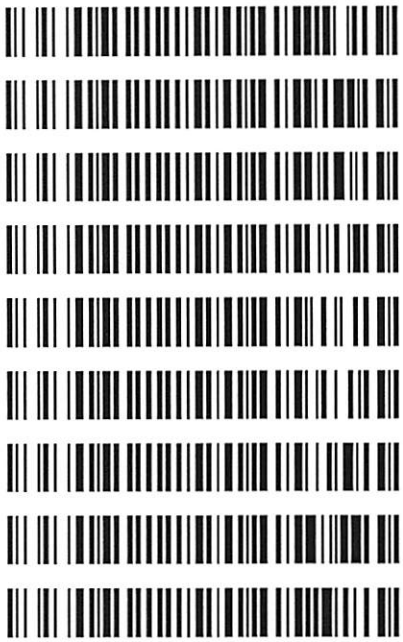
| Control level | Expiration | Cerilliant Lot # | Target Value | Acceptable Range | Overall Results |
|---|---|---|---|---|---|
| 0.080 | May-22 | FN04171701 | 0.08000 | 0.076 - 0.084 | 0.081 g/100cc |

~Any information on this document can be changed for laboratory use, except for the precision and mean determination fomulas.

8/16/2018

**Worklist: 2642**

| LAB_CASE | ITEM | TASK_ID | DESCRIPTION |
|---|---|---|---|
| M2018-3951 | 1 | 123503 | Alcohol Analysis |
| M2018-3952 | 1 | 123504 | Alcohol Analysis |
| M2018-3953 | 1 | 123505 | Alcohol Analysis |
| M2018-3954 | 1 | 123506 | Alcohol Analysis |
| M2018-3955 | 1 | 123507 | Alcohol Analysis |
| M2018-3956 | 1 | 123508 | Alcohol Analysis |
| M2018-3957 | 1 | 123509 | Alcohol Analysis |
| M2018-3972 | 1 | 123565 | Alcohol Analysis |
| M2018-3973 | 1 | 123566 | Alcohol Analysis |



Extraction date : 8/15/18

Method C:\CHEM32\1\METHODS\ALCOHOL.M

# Calibration Table

## General Calibration Setting

Calib. Data Modified : Wednesday, August 15, 2018 11:12:12 AM
Signals calculated separately : No

Rel. Reference Window : 0.000 %
Abs. Reference Window : 0.100 min
Rel. Non-ref. Window : 0.000 %
Abs. Non-ref. Window : 0.100 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Ignored
Weight : Equal

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):

| ISTD # | ISTD Amount [g/100cc] | Name |
|---|---|---|
| 1 | 1.00000 | n-propanol |
| 2 | 1.00000 | n-propanol |

## Signal Details

Signal 1: FID1 A, Front Signal
Signal 2: FID2 B, Back Signal

## Overview Table

| RT | Sig | Lvl | Amount [g/100cc] | Area | Rsp.Factor | Ref | ISTD | # | Compound |
|---|---|---|---|---|---|---|---|---|---|
| 2.586 | 1 | 1 | 1.00000 | 3.69669 | 2.70512e-1 | No | No | 1 | methanol |
| 2.809 | 1 | 1 | 1.00000 | 4.26100 | 2.34687e-1 | No | No | 2 | Acetaldehyde |
| 2.977 | 2 | 1 | 1.00000 | 4.26100 | 2.34687e-1 | No | No | 2 | Acetaldehyde |
| 3.075 | 1 | 1 | 5.00000e-2 | 4.61283 | 1.08393e-2 | No | No | 1 | ethanol |
| | | 2 | 1.00000e-1 | 9.32222 | 1.07271e-2 | | | | |
| | | 3 | 2.00000e-1 | 19.04376 | 1.05021e-2 | | | | |
| | | 4 | 3.00000e-1 | 28.43005 | 1.05522e-2 | | | | |
| | | 5 | 5.00000e-1 | 46.77858 | 1.06887e-2 | | | | |
| 3.388 | 2 | 1 | 1.00000 | 4.26062 | 2.34707e-1 | No | No | 2 | methanol |
| 3.628 | 1 | 1 | 1.00000 | 9.73055 | 1.02769e-1 | No | No | 1 | isopropyl alcohol |
| 4.285 | 2 | 1 | 5.00000e-2 | 4.74253 | 1.05429e-2 | No | No | 2 | ethanol |
| | | 2 | 1.00000e-1 | 9.57540 | 1.04434e-2 | | | | |
| | | 3 | 2.00000e-1 | 19.75056 | 1.01263e-2 | | | | |
| | | 4 | 3.00000e-1 | 29.58172 | 1.01414e-2 | | | | |
| | | 5 | 5.00000e-1 | 49.33341 | 1.01351e-2 | | | | |
| 4.308 | 1 | 1 | 1.00000 | 6.49940 | 1.53860e-1 | No | No | 1 | acetone |
| 4.620 | 1 | 1 | 1.00000 | 46.72383 | 2.14024e-2 | No | Yes | 1 | n-propanol |
| | | 2 | 1.00000 | 47.20430 | 2.11845e-2 | | | | |
| | | 3 | 1.00000 | 48.03819 | 2.08168e-2 | | | | |
| | | 4 | 1.00000 | 47.53685 | 2.10363e-2 | | | | |
| | | 5 | 1.00000 | 46.86649 | 2.13372e-2 | | | | |
| 4.661 | 2 | 1 | 1.00000 | 6.89301 | 1.45075e-1 | No | No | 2 | acetone |
| 4.969 | 2 | 1 | 1.00000 | 10.70642 | 9.34019e-2 | No | No | 2 | isopropyl alcohol |
| 7.550 | 2 | 1 | 1.00000 | 48.41121 | 2.06564e-2 | No | Yes | 2 | n-propanol |
| | | 2 | 1.00000 | 48.53545 | 2.06035e-2 | | | | |
| | | 3 | 1.00000 | 49.23846 | 2.03093e-2 | | | | |
| | | 4 | 1.00000 | 48.54959 | 2.05975e-2 | | | | |
| | | 5 | 1.00000 | 47.56211 | 2.10251e-2 | | | | |

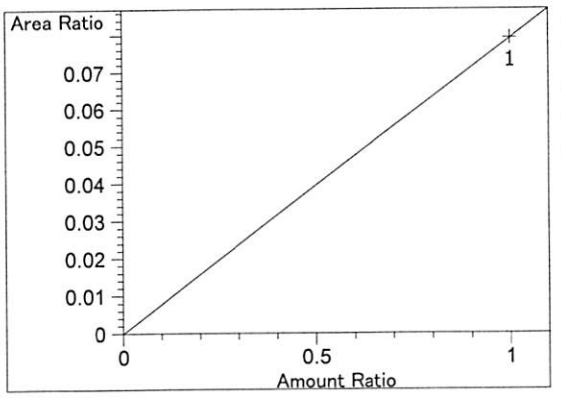
Peak Sum Table

***No Entries in table***

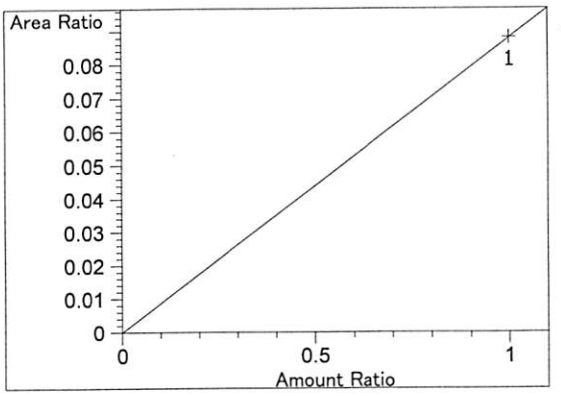
51 Warnings or Errors (10 first messages follow) :

Warning : Curve requires more calibration points., (methanol)
Warning : Curve requires more calibration points. at 2.586 min, signal 1
Warning : Curve requires more calibration points. at 2.809 min, signal 1
Warning : Curve requires more calibration points. at 2.977 min, signal 2
Warning : Curve requires more calibration points. at 3.388 min, signal 2
Warning : Curve requires more calibration points. at 3.628 min, signal 1
Warning : Curve requires more calibration points. at 4.308 min, signal 1
Warning : Curve requires more calibration points. at 4.62 min, signal 1
Warning : Curve requires more calibration points. at 4.661 min, signal 2
Warning : Curve requires more calibration points. at 4.969 min, signal 2

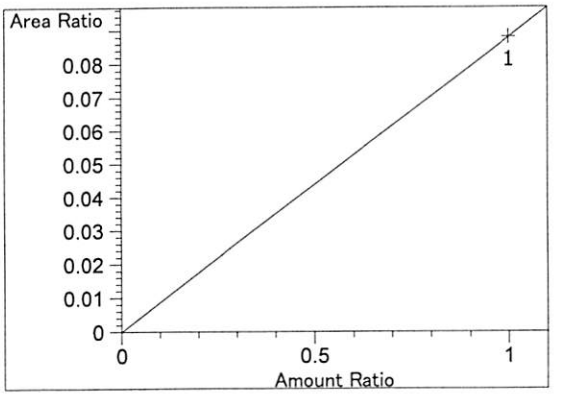
## Calibration Curves



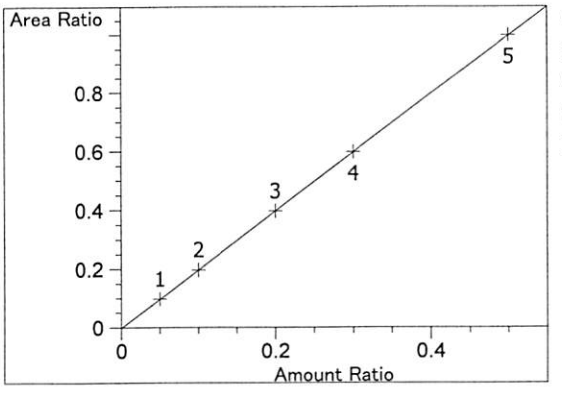

methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.91180e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



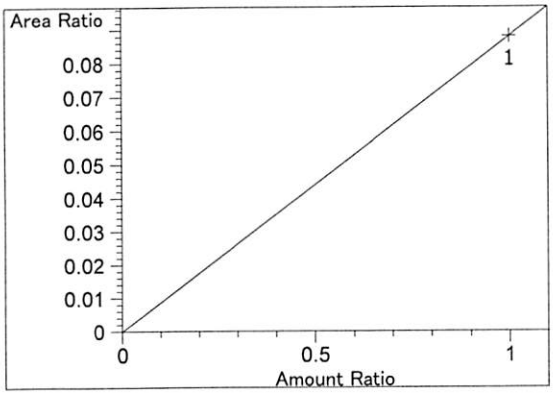

Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.80168e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



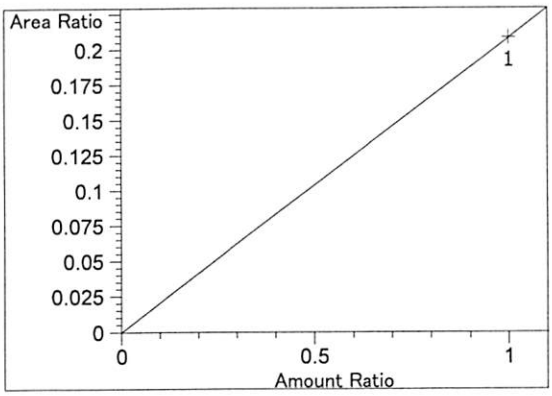

Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.80168e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



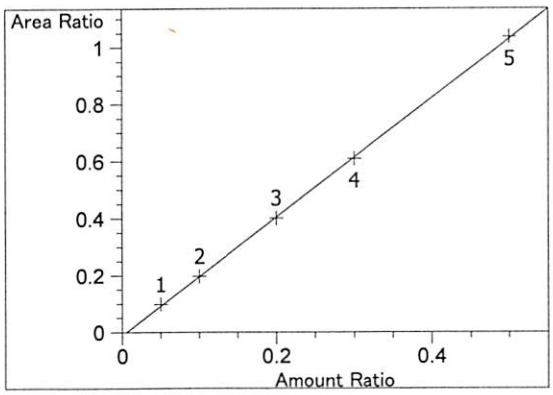

ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00100
Formula: y = mx + b
m: 2.00017
b: -2.27234e-3
x: Amount Ratio
y: Area Ratio



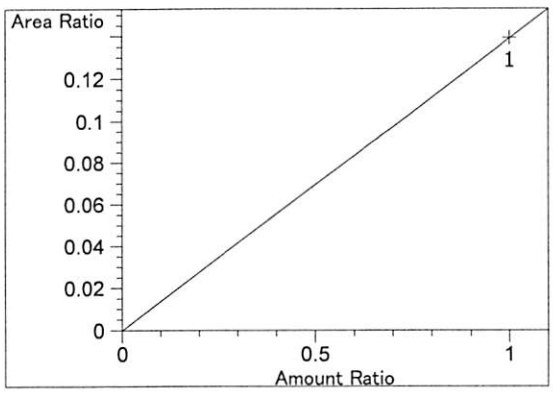

methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.80091e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



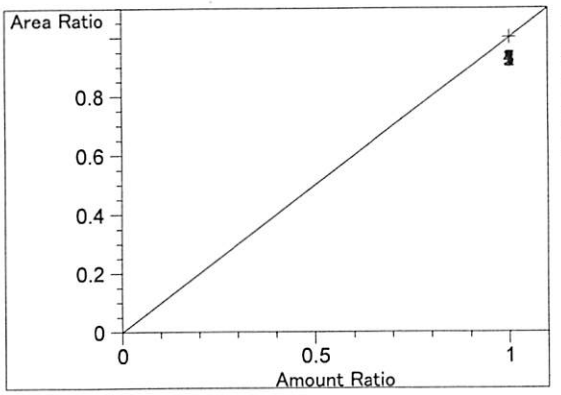

isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.08257e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



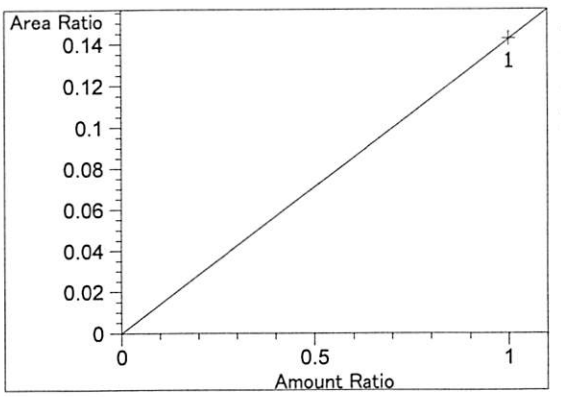

ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99991
Residual Std. Dev.: 0.00589
Formula: y = mx + b
m: 2.08900
b: -1.18867e-2
x: Amount Ratio
y: Area Ratio



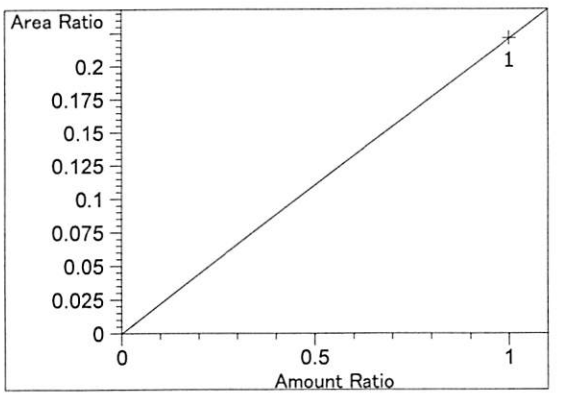

acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.39102e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



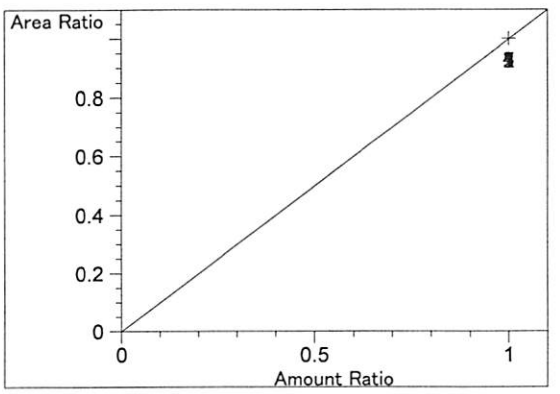

n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio




acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.42385e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio




isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.21156e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

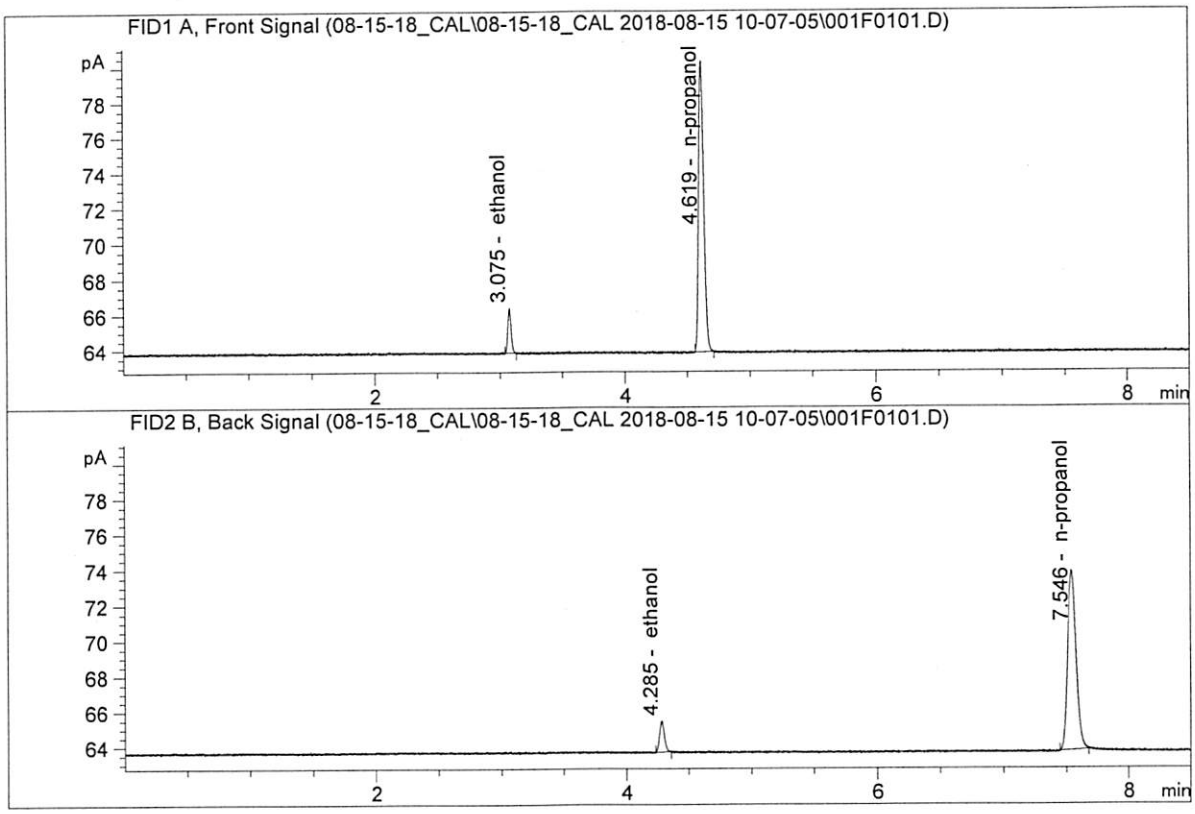



n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

# ISP Forensic Services Blood Alcohol Report

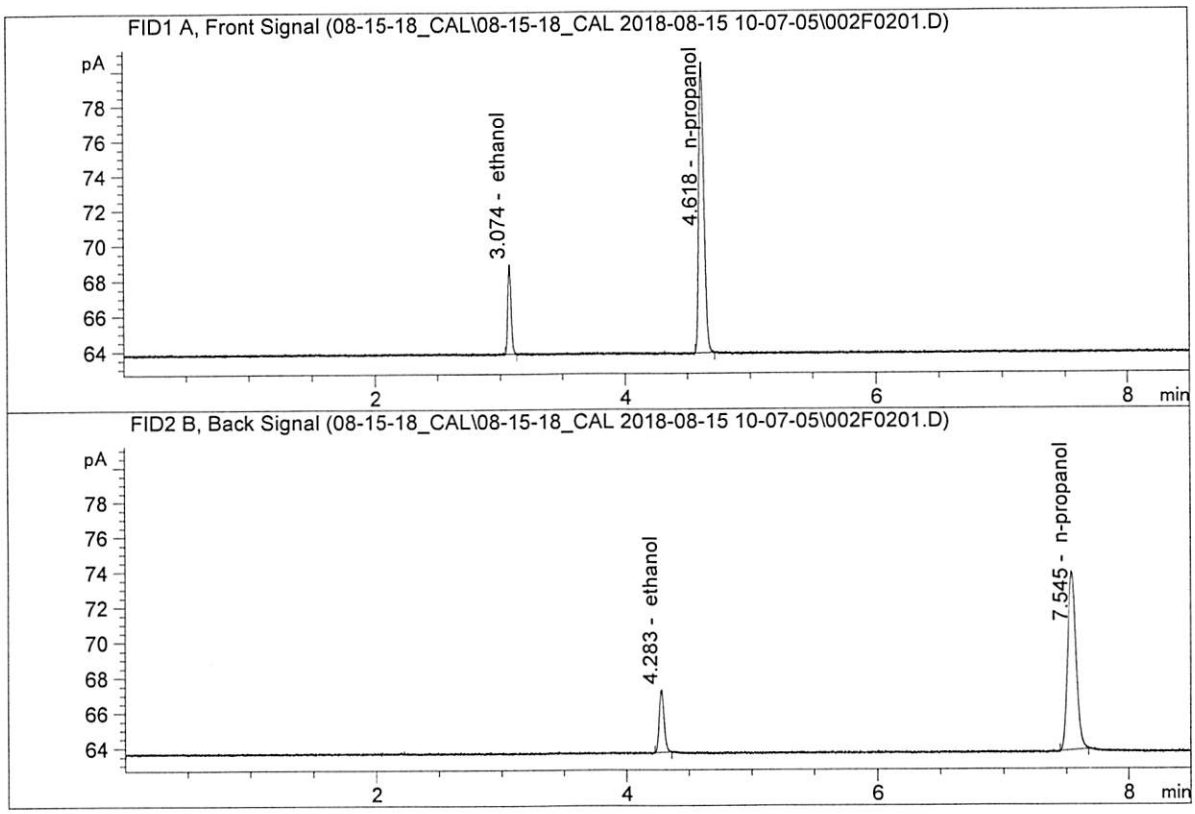
Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167




| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 4.61283 | 0.0505 | g/100cc |
| 2. | Ethanol | Column 2: | 4.74253 | 0.0526 | g/100cc |
| 3. | n-Propanol | Column 1: | 46.72383 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 48.41121 | 1.0000 | g/100cc |

# ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN08101601
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

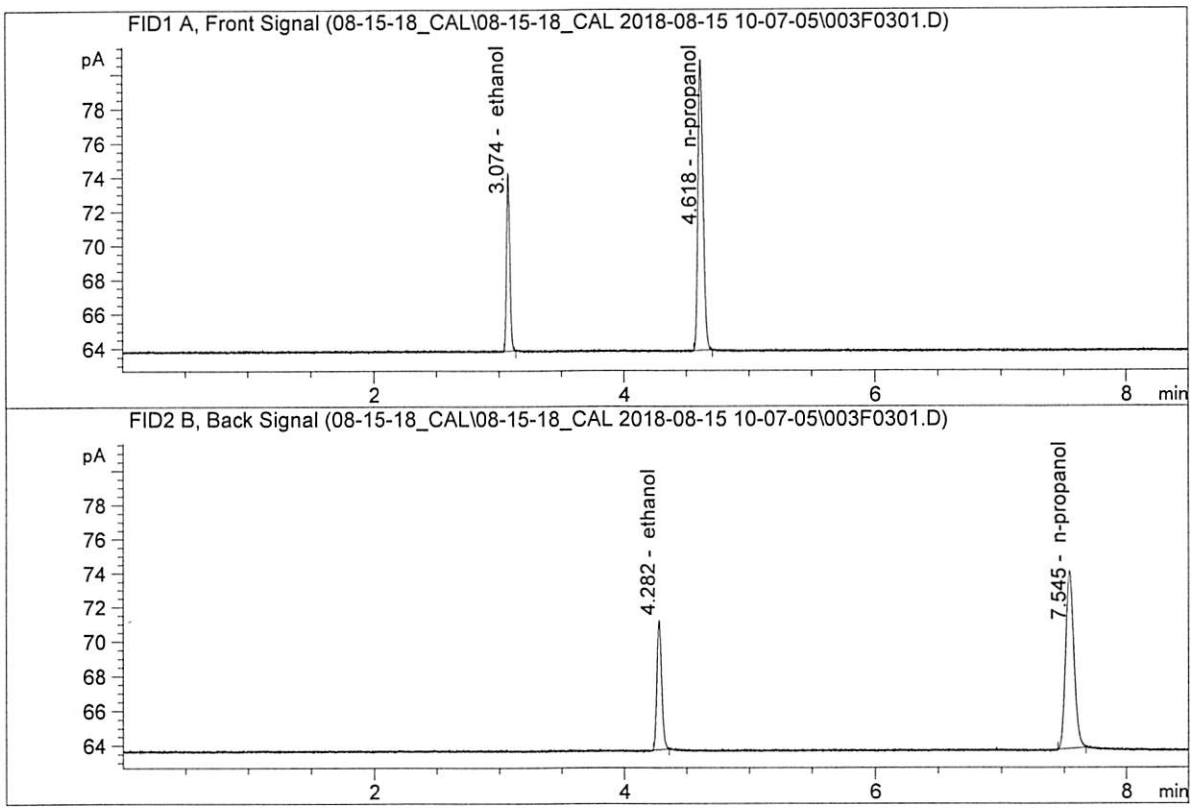



| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 9.32222 | 0.0999 | g/100cc |
| 2. | Ethanol | Column 2: | 9.57540 | 0.1001 | g/100cc |
| 3. | n-Propanol | Column 1: | 47.20430 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 48.53545 | 1.0000 | g/100cc |

NB

# ISP Forensic Services Blood Alcohol Report

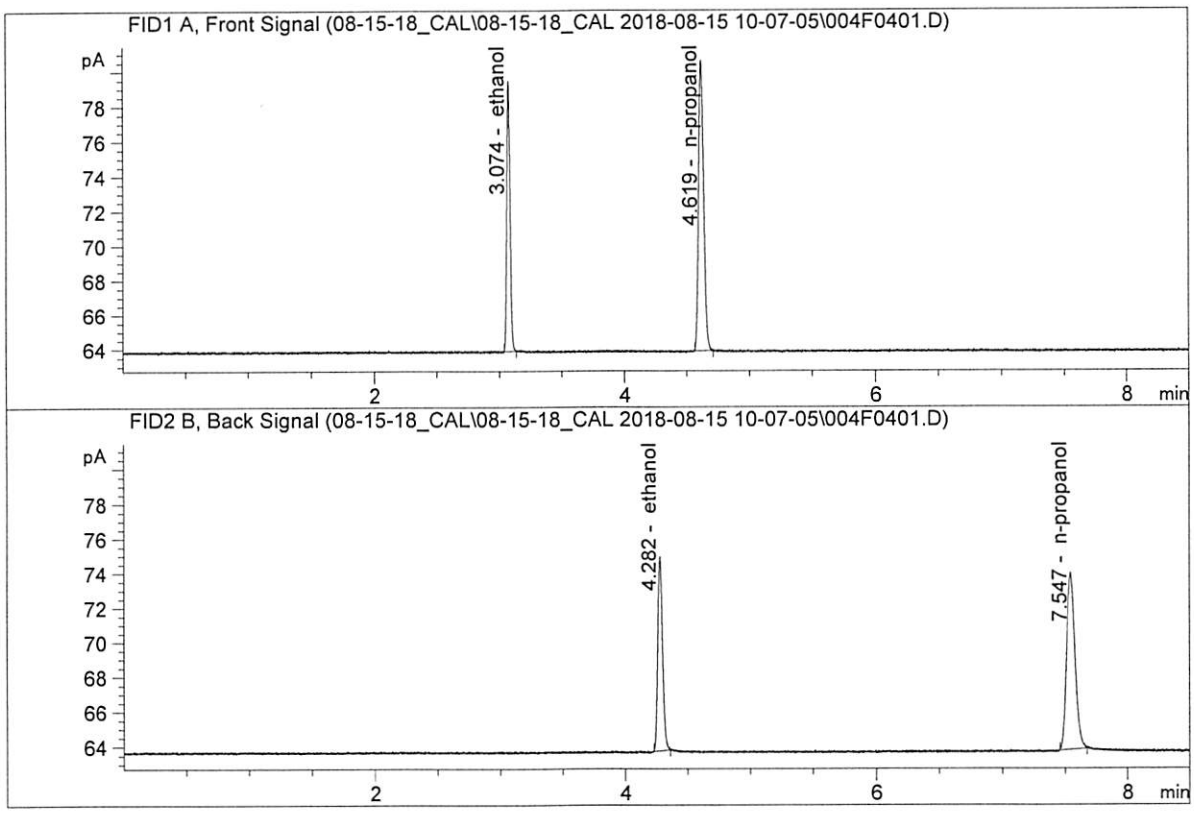
Sample Name : 0.200 FN03301601
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167




| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 19.04376 | 0.1993 | g/100cc |
| 2. | Ethanol | Column 2: | 19.75056 | 0.1977 | g/100cc |
| 3. | n-Propanol | Column 1: | 48.03819 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 49.23846 | 1.0000 | g/100cc |

# ISP Forensic Services Blood Alcohol Report

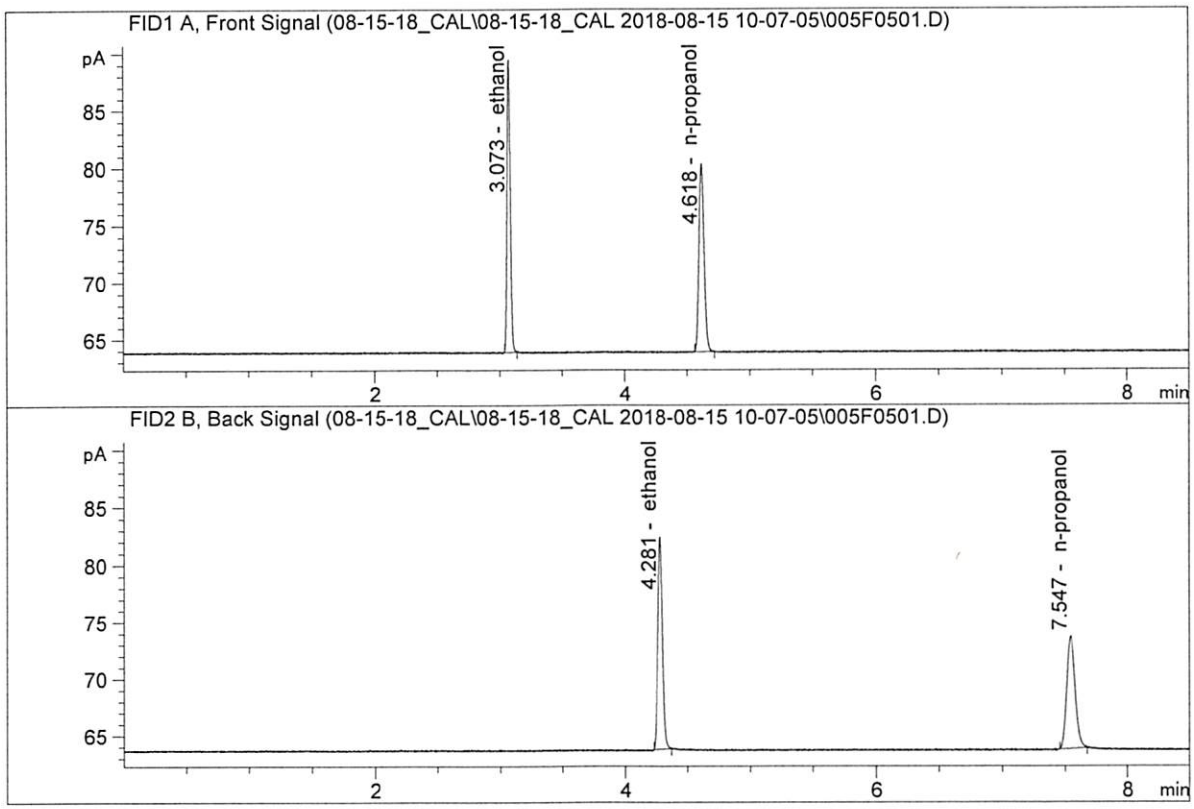
Sample Name : 0.300 FN02121601
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167




| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 28.43005 | 0.3001 | g/100cc |
| 2. | Ethanol | Column 2: | 29.58172 | 0.2974 | g/100cc |
| 3. | n-Propanol | Column 1: | 47.53685 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 48.54959 | 1.0000 | g/100cc |

# ISP Forensic Services Blood Alcohol Report

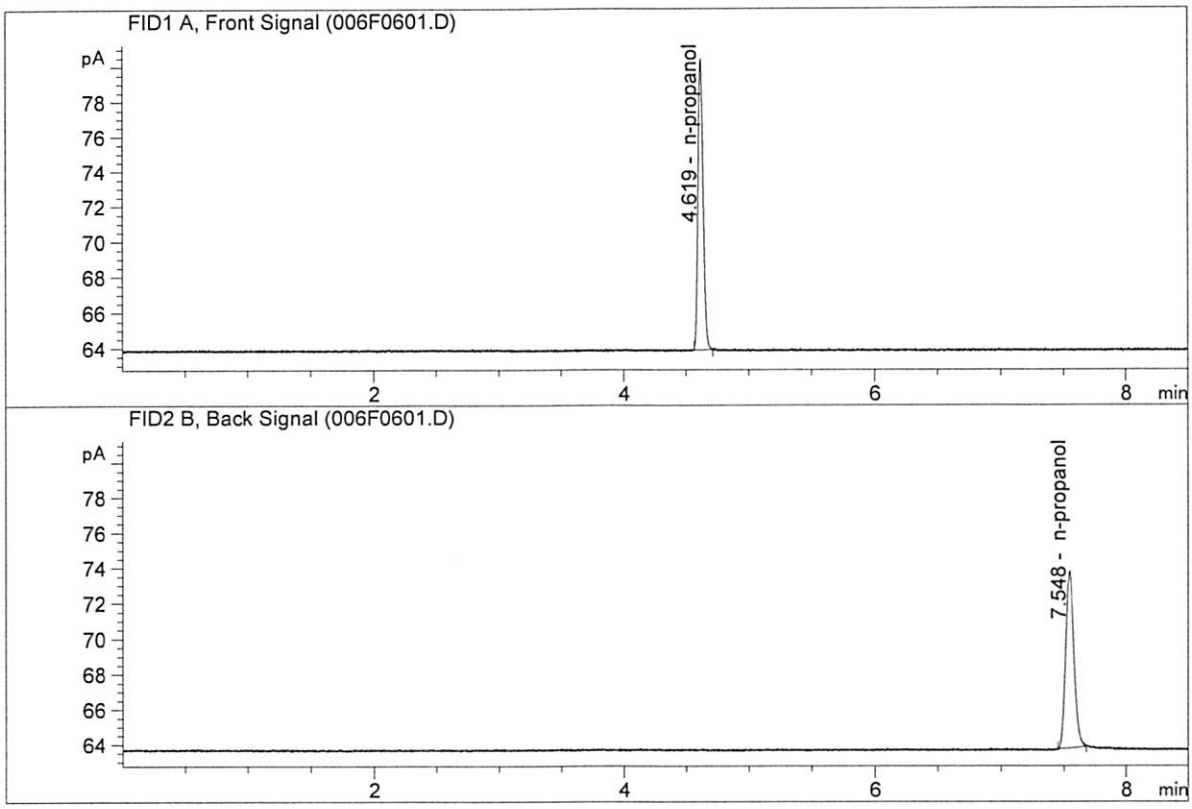
Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167




| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 46.77858 | 0.5002 | g/100cc |
| 2. | Ethanol | Column 2: | 49.33341 | 0.5022 | g/100cc |
| 3. | n-Propanol | Column 1: | 46.86649 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 47.56211 | 1.0000 | g/100cc |

# ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167




| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 0.00000 | 0.0000 | g/100cc |
| 2. | Ethanol | Column 2: | 0.00000 | 0.0000 | g/100cc |
| 3. | n-Propanol | Column 1: | 47.00183 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 47.92582 | 1.0000 | g/100cc |

Sequence File C:\Chem32\1\Data\08-15-18_CAL\08-15-18_CAL 2018-08-15 10-07-05\08-15-18_CAL.S

## Sample Summary

Sequence table: C:\Chem32\1\Data\08-15-18_CAL\08-15-18_CAL 2018-08-15 10-07-05\08-15-18_CAL.S
Data directory path: C:\Chem32\1\Data\08-15-18_CAL\08-15-18_CAL 2018-08-15 10-07-05\
Logbook: C:\Chem32\1\Data\08-15-18_CAL\08-15-18_CAL 2018-08-15 10-07-05\08-15-18_CAL.LOG
Sequence start: 8/15/2018 10:21:40 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\08-15-18_CAL\08-15-18_CAL 2018-08-15 10-07-05\ALCOHOL.M

| Run # | Location | Inj # | Sample Name | Sample Amt [g/100cc] | Multip.* Dilution | File name | Cal | # Cmp |
|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 0.050 FN06231406 | - | 1.0000 | 001F0101.D | * | 4 |
| 2 | 2 | 1 | 0.100 FN08101601 | - | 1.0000 | 002F0201.D | * | 4 |
| 3 | 3 | 1 | 0.200 FN03301601 | - | 1.0000 | 003F0301.D | * | 4 |
| 4 | 4 | 1 | 0.300 FN02121601 | - | 1.0000 | 004F0401.D | * | 4 |
| 5 | 5 | 1 | 0.500 FN07031402 | - | 1.0000 | 005F0501.D | * | 4 |
| 6 | 6 | 1 | INTERNAL STANDAR | - | 1.0000 | 006F0601.D | | 2 |

alcohol master method saved w/ this calibration curve on 8/15/18
C:\Chem32\1\Methods\Alcohol.m

# VOLATILES DETERMINATION CASEFILE WORKSHEET

**Laboratory No.: QC1-1** **Analysis Date(s): 15 Aug 2018**

| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Over-all Mean | |
|---|---|---|---|---|---|---|
| Sample Results | 0.0792 | 0.0812 | 0.0020 | 0.0802 | 0.0803 | |
| (g/100cc) | 0.0797 | 0.0812 | 0.0015 | 0.0804 | | |

**Analysis Method**

**Refer to Blood Alcohol Method #1**

**Instrument Information** *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number: ML600HC11378

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

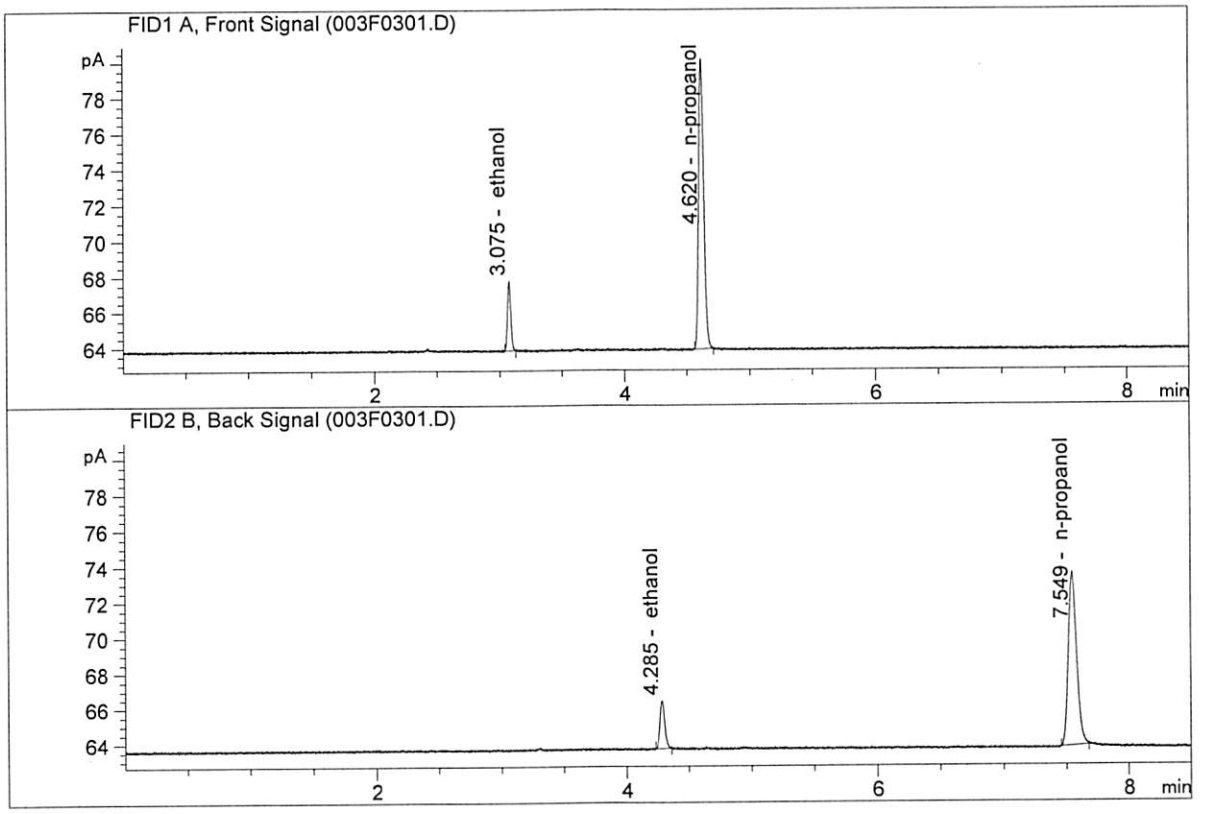
| Overall Mean (g/100cc) | Low | High | 5% of Mean |
|---|---|---|---|
| **0.080** | **0.076** | **0.084** | **0.004** |

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

***Calibration and control data are stored centrally.***

# ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

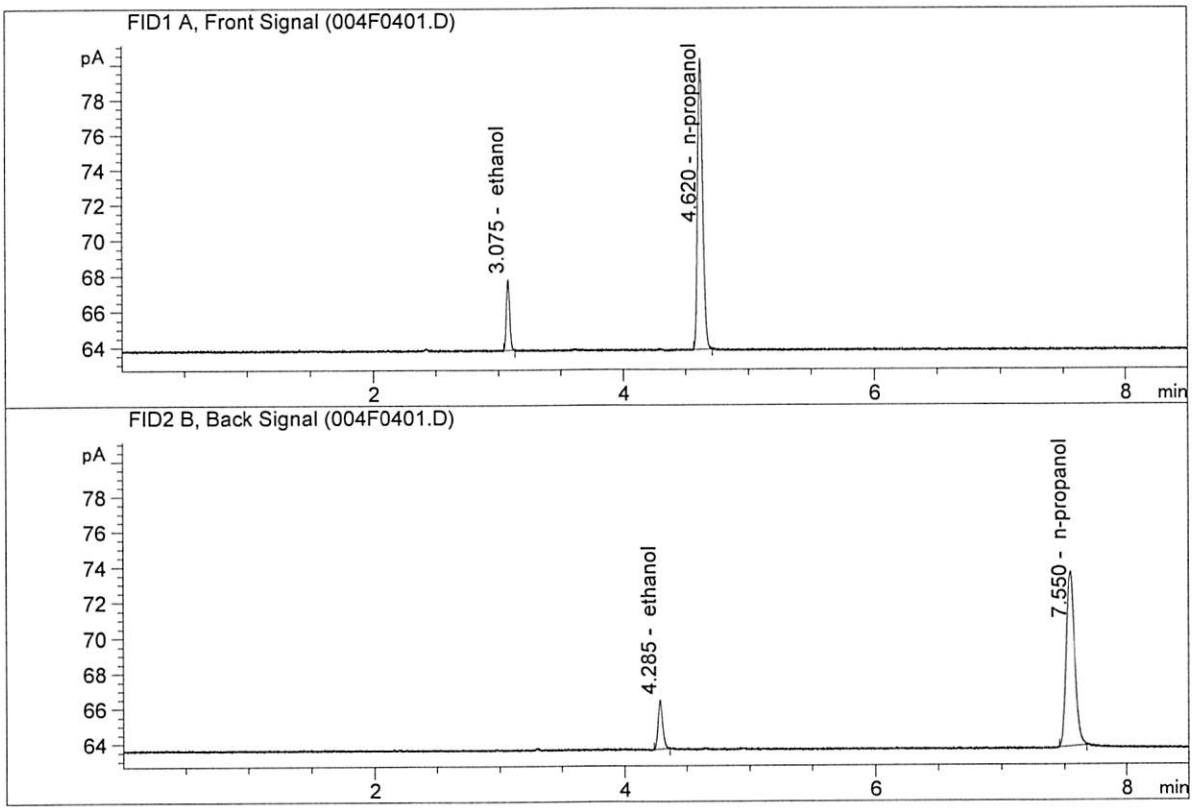



| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 7.23194 | 0.0792 | g/100cc |
| 2. | Ethanol | Column 2: | 7.41086 | 0.0812 | g/100cc |
| 3. | n-Propanol | Column 1: | 46.33368 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 46.95685 | 1.0000 | g/100cc |

NB

# ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167




| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 7.35229 | 0.0797 | g/100cc |
| 2. | Ethanol | Column 2: | 7.50533 | 0.0812 | g/100cc |
| 3. | n-Propanol | Column 1: | 46.80874 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 47.58548 | 1.0000 | g/100cc |

# VOLATILES DETERMINATION CASEFILE WORKSHEET

**Laboratory No.: QC2-1** **Analysis Date(s): 15 Aug 2018**

| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Over-all Mean | 0.2200 − 0.2081 = 0.0119 |
|---|---|---|---|---|---|---|
| Sample Results | 0.2201 | 0.2200 | 0.0001 | 0.2200 | 0.2140 | |
| (g/100cc) | 0.2086 | 0.2076 | 0.0010 | 0.2081 | | |

**Analysis Method**

results range between 0.1100 − 0.2299
precision needs to be at least 0.0150

**Refer to Blood Alcohol Method #1**

**Instrument Information** *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number: ML600HC11378

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

| Overall Mean (g/100cc) | Low | High | 5% of Mean |
|---|---|---|---|
| **0.214** | **0.203** | **0.225** | **0.011** |

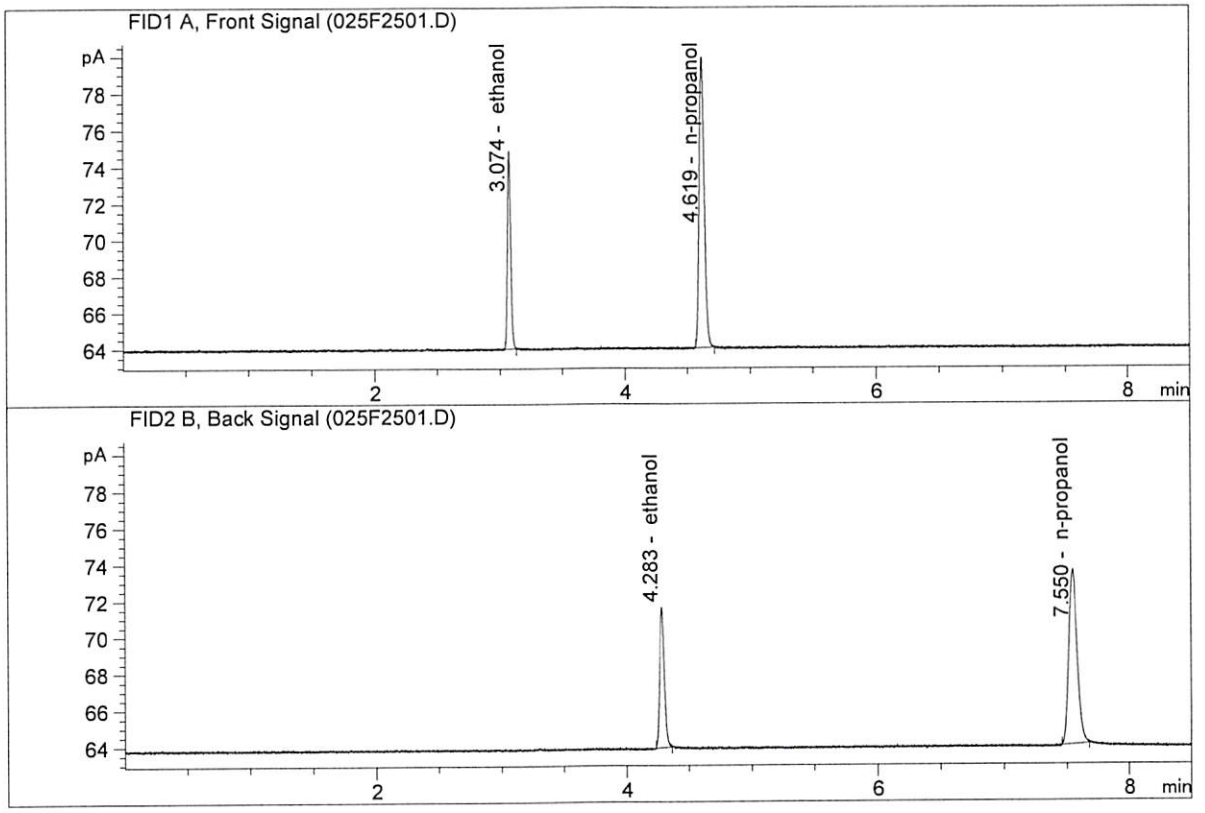
| | Reported Result | |
|---|---|---|
| | **0.214** | |

***Calibration and control data are stored centrally.***

NB

# ISP Forensic Services Blood Alcohol Report

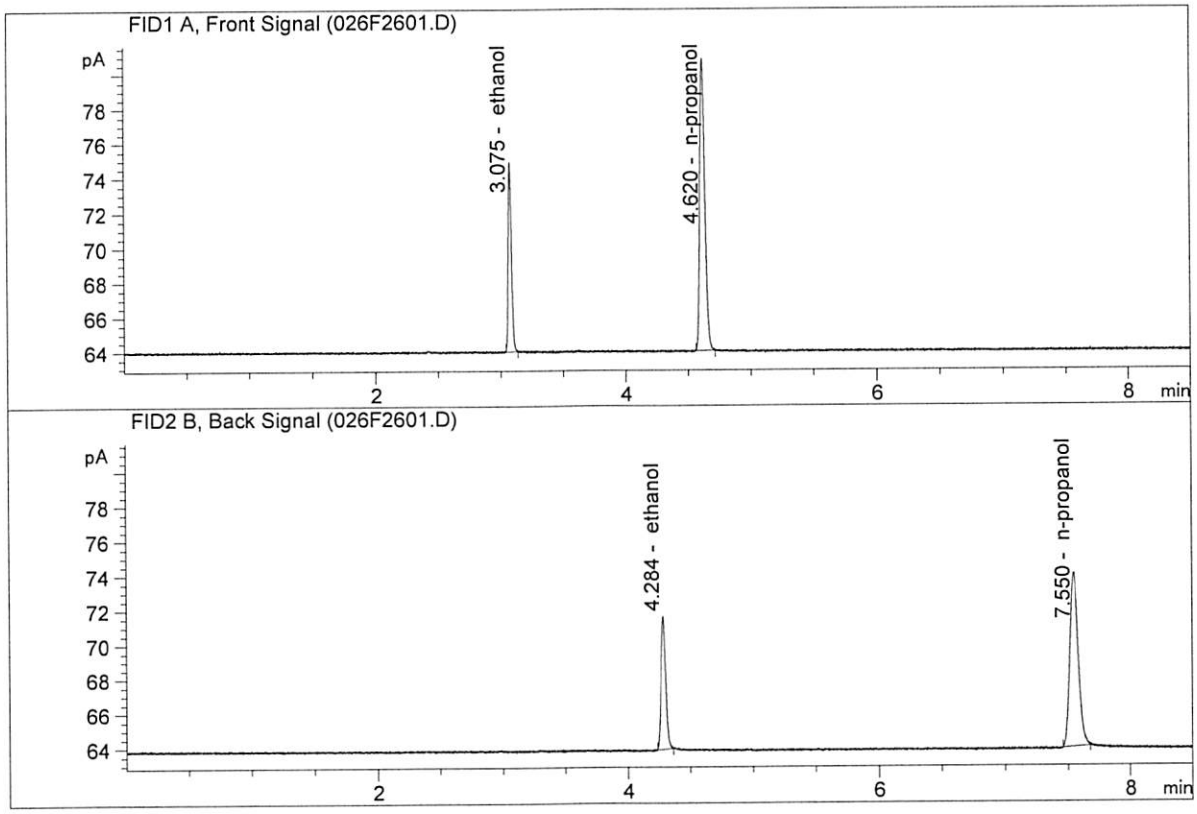
Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167




| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 19.86687 | 0.2201 | g/100cc |
| 2. | Ethanol | Column 2: | 20.60067 | 0.2200 | g/100cc |
| 3. | n-Propanol | Column 1: | 45.37184 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 46.01102 | 1.0000 | g/100cc |

# ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167




| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 19.86841 | 0.2086 | g/100cc |
| 2. | Ethanol | Column 2: | 20.53218 | 0.2076 | g/100cc |
| 3. | n-Propanol | Column 1: | 47.87608 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 48.67273 | 1.0000 | g/100cc |

NB

# VOLATILES DETERMINATION CASEFILE WORKSHEET

**Laboratory No.: 0.08 FN04171701** **Analysis Date(s): 15 Aug 2018**

| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Over-all Mean | |
|---|---|---|---|---|---|---|
| Sample Results | 0.0807 | 0.0825 | 0.0018 | 0.0816 | 0.0812 | |
| (g/100cc) | 0.0802 | 0.0816 | 0.0014 | 0.0809 | | |

**Analysis Method**

**Refer to Blood Alcohol Method #1**

**Instrument Information** *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number: ML600HC11378

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

| Overall Mean (g/100cc) | Low | High | 5% of Mean |
|---|---|---|---|
| 0.081 | 0.076 | 0.086 | 0.005 |

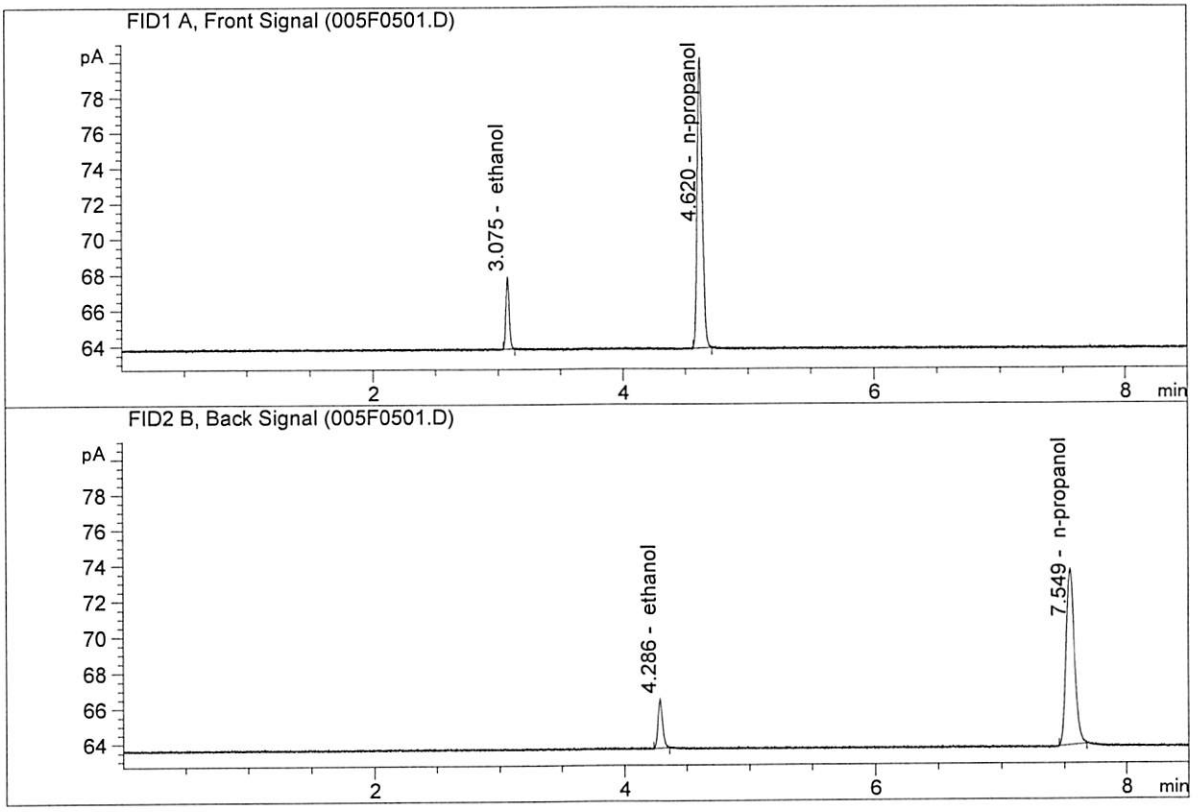
| | Reported Result | |
|---|---|---|
| | 0.081 | |

***Calibration and control data are stored centrally.***

NB

# ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

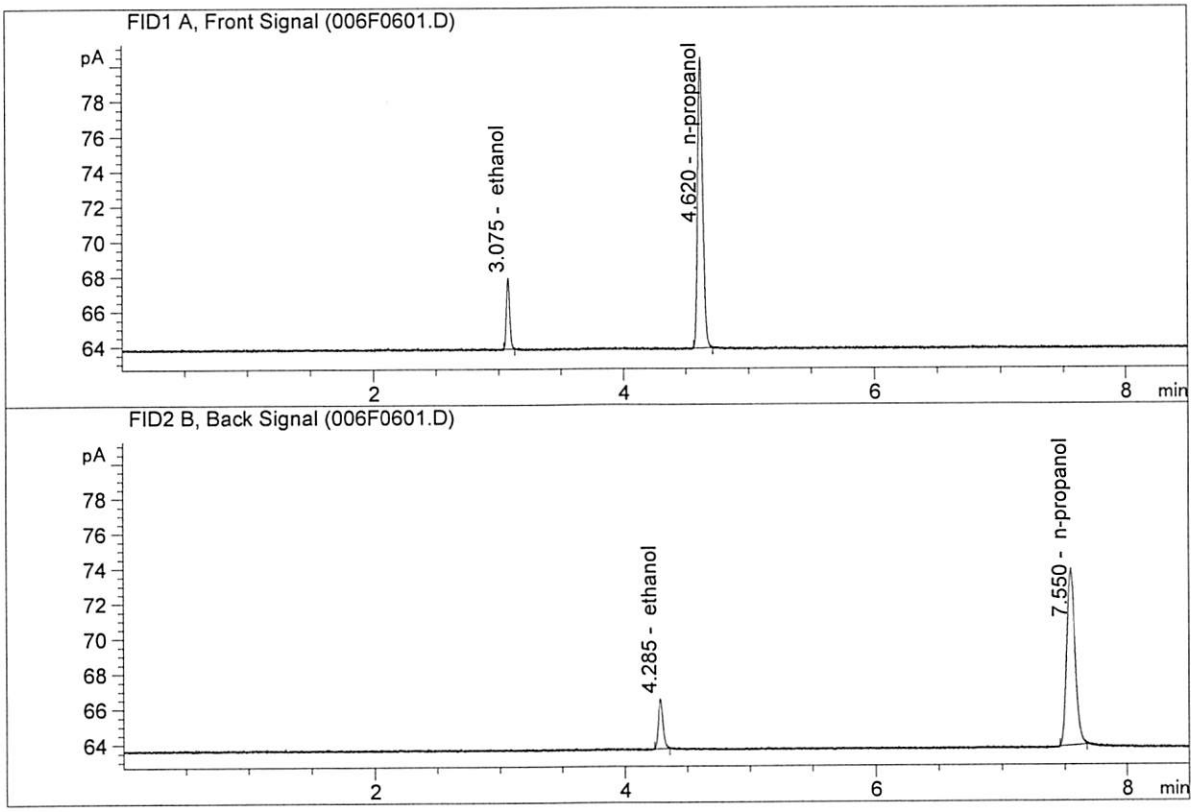



| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 7.41059 | 0.0807 | g/100cc |
| 2. | Ethanol | Column 2: | 7.57776 | 0.0825 | g/100cc |
| 3. | n-Propanol | Column 1: | 46.55043 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 47.24930 | 1.0000 | g/100cc |

NB

# ISP Forensic Services Blood Alcohol Report

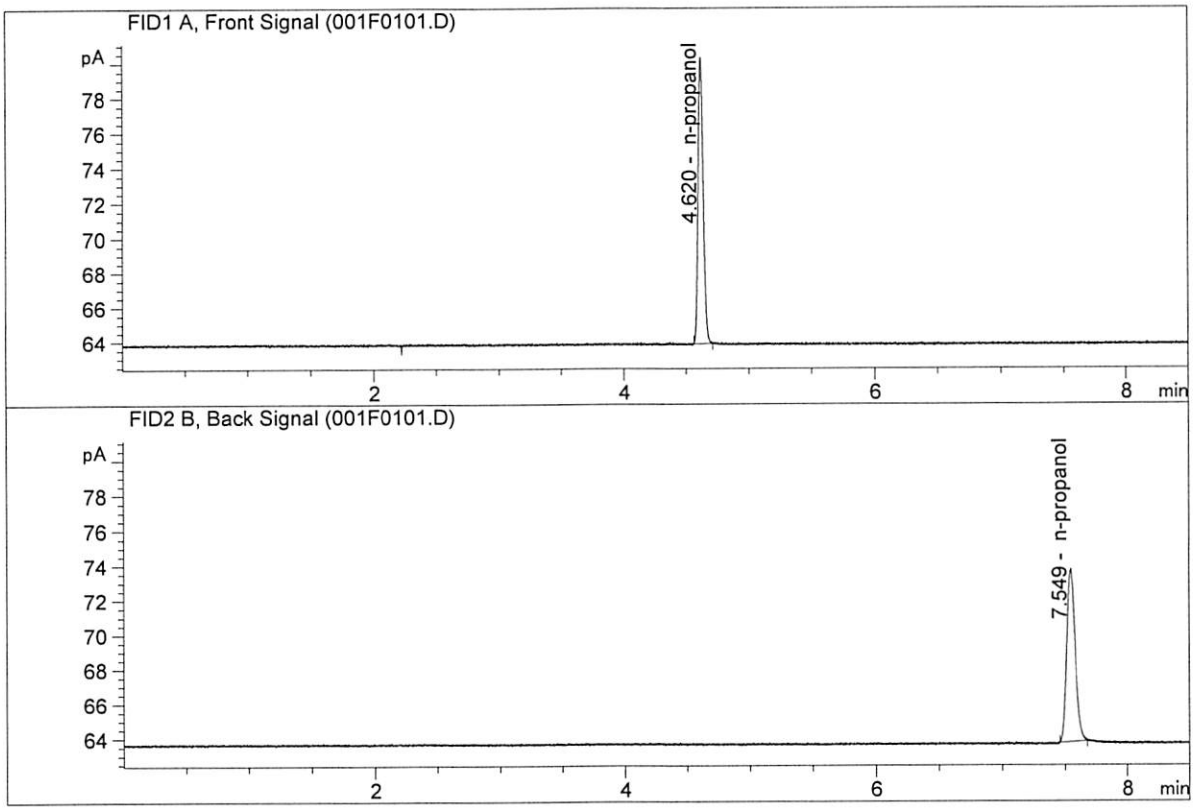
Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167




| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 7.44866 | 0.0802 | g/100cc |
| 2. | Ethanol | Column 2: | 7.57017 | 0.0816 | g/100cc |
| 3. | n-Propanol | Column 1: | 47.10609 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 47.74408 | 1.0000 | g/100cc |

# ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

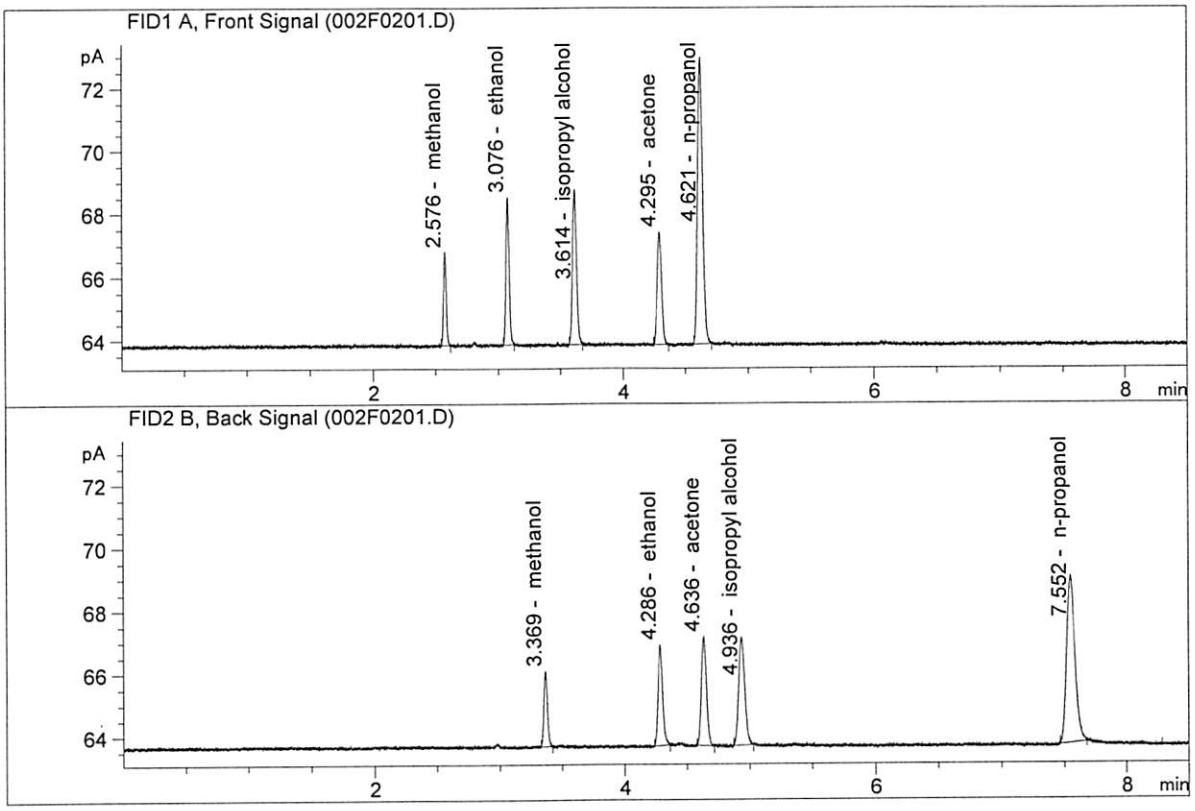



| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 0.00000 | 0.0000 | g/100cc |
| 2. | Ethanol | Column 2: | 0.00000 | 0.0000 | g/100cc |
| 3. | n-Propanol | Column 1: | 46.74395 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 47.82379 | 1.0000 | g/100cc |

NB

# ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : Aug 15, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167




| # | Compound | Column | Area | Amount | Units |
|---|---|---|---|---|---|
| 1. | Ethanol | Column 1: | 8.33498 | 0.1635 | g/100cc |
| 2. | Ethanol | Column 2: | 8.52020 | 0.1659 | g/100cc |
| 3. | n-Propanol | Column 1: | 25.66228 | 1.0000 | g/100cc |
| 4. | n-Propanol | Column 2: | 25.45854 | 1.0000 | g/100cc |

Sequence File C:\Chem32\...8_SAMPLES\08-15-18_SAMPLES 2018-08-15 11-44-25\08-15-18_SAMPLES.S

## Sample Summary

Sequence table: C:\Chem32\1\Data\08-15-18_SAMPLES\08-15-18_SAMPLES 2018-08-15 11-44-25\08-15-18_SAMPLES.S
Data directory path: C:\Chem32\1\Data\08-15-18_SAMPLES\08-15-18_SAMPLES 2018-08-15 11-44-25\
Logbook: C:\Chem32\1\Data\08-15-18_SAMPLES\08-15-18_SAMPLES 2018-08-15 11-44-25\08-15-18_SAMPLES.LOG
Sequence start: 8/15/2018 11:59:13 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\08-15-18_SAMPLES\08-15-18_SAMPLES 2018-08-15 11-44-25\ALCOHOL.M

| Run # | Location # | Inj # | Sample Name | Sample Amt [g/100cc] | Multip.* Dilution | File name | Cal # Cmp |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | INTERNAL STD BLK | - | 1.0000 | 001F0101.D | 2 |
| 2 | 2 | 1 | MIX VOL FN060415 | - | 1.0000 | 002F0201.D | 10 |
| 3 | 3 | 1 | QC1-1-A | - | 1.0000 | 003F0301.D | 4 |
| 4 | 4 | 1 | QC1-1-B | - | 1.0000 | 004F0401.D | 4 |
| 5 | 5 | 1 | 0.08 FN04171701- | - | 1.0000 | 005F0501.D | 4 |
| 6 | 6 | 1 | 0.08 FN04171701- | - | 1.0000 | 006F0601.D | 4 |
| 7 | 7 | 1 | M2018-3951-1-A | - | 1.0000 | 007F0701.D | 2 |
| 8 | 8 | 1 | M2018-3951-1-B | - | 1.0000 | 008F0801.D | 2 |
| 9 | 9 | 1 | M2018-3952-1-A | - | 1.0000 | 009F0901.D | 4 |
| 10 | 10 | 1 | M2018-3952-1-B | - | 1.0000 | 010F1001.D | 4 |
| 11 | 11 | 1 | M2018-3953-1-A | - | 1.0000 | 011F1101.D | 6 |
| 12 | 12 | 1 | M2018-3953-1-B | - | 1.0000 | 012F1201.D | 6 |
| 13 | 13 | 1 | M2018-3954-1-A | - | 1.0000 | 013F1301.D | 4 |
| 14 | 14 | 1 | M2018-3954-1-B | - | 1.0000 | 014F1401.D | 4 |
| 15 | 15 | 1 | M2018-3955-1-A | - | 1.0000 | 015F1501.D | 2 |
| 16 | 16 | 1 | M2018-3955-1-B | - | 1.0000 | 016F1601.D | 2 |
| 17 | 17 | 1 | M2018-3956-1-A | - | 1.0000 | 017F1701.D | 4 |
| 18 | 18 | 1 | M2018-3956-1-B | - | 1.0000 | 018F1801.D | 4 |
| 19 | 19 | 1 | M2018-3957-1-A | - | 1.0000 | 019F1901.D | 4 |
| 20 | 20 | 1 | M2018-3957-1-B | - | 1.0000 | 020F2001.D | 4 |
| 21 | 21 | 1 | M2018-3972-1-A | - | 1.0000 | 021F2101.D | 6 |
| 22 | 22 | 1 | M2018-3972-1-B | - | 1.0000 | 022F2201.D | 4 |
| 23 | 23 | 1 | M2018-3973-1-A | - | 1.0000 | 023F2301.D | 4 |
| 24 | 24 | 1 | M2018-3973-1-B | - | 1.0000 | 024F2401.D | 4 |
| 25 | 25 | 1 | QC2-1-A | - | 1.0000 | 025F2501.D | 4 |
| 26 | 26 | 1 | QC2-1-B | - | 1.0000 | 026F2601.D | 4 |

Prior to leaving the lab on 8/15/18
I noticed the sequence stopped
I created a new sequence
to start sample after QC2-1-B
NB 8/15/18

After re-starting the sequence after it stopped after QC-2-1-B, the run aborted again. I re-started the computer and now the software will not turn on. The following cases were originally extracted on 8/15/18 and will now have to be re-extracted at a later date:

M2018-3988-1

M2018-3989-1

M2018-4068-1

M2018-4069-1

M2018-4070-1

M2018-4075-1

M2018-4076-1

M2018-4077-1

M2018-4079-1

M2018-4090-1

M2018-4101-1

P2018-2287-2

re-extraction will occur
After the software is fixed by IT.

MBradley
MB 8/16/18