

MB

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

*Analytical Method(s): 1.0*

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

**Volatiles Quality Assurance Controls**

**Run Date(s): 10/05/2020**

Calibration Date: 10/05/2020

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0730 g/100cc 0.0745 g/100cc g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1926 g/100cc g/100cc
<b>Multi-Component mixture:</b>		<b>Lot #</b>	<b>Column 1</b>	<b>Column 2</b>	<b>Overall Results</b>
<b>Curve Fit:</b>			0.99998	Column2	OK 0.99987

**Ethanol Calibration Reference Material**





Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0509	0.0528	0.0019	0.0518
100	0.100	0.090 - 0.110	0.1002	0.1005	0.0003	0.1003
200	0.200	0.180 - 0.220	0.1994	0.1976	0.0018	0.1985
300	0.300	0.270 - 0.330	0.2983	0.2964	0.0019	0.2973
400	0.400	0.360 - 0.440				
500	0.500	0.450 - 0.550	0.5011	0.5027	0.0016	0.5019

**Aqueous Controls**

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

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**Worklist: 4555**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2020-3885	1	BCK	Alcohol Analysis	
M2020-3886	1	BCK	Alcohol Analysis	
M2020-3887	1	BCK	Alcohol Analysis	
M2020-3888	1	BCK	Alcohol Analysis	
M2020-3897	1	BCK	Alcohol Analysis	
M2020-3898	1	BCK	Alcohol Analysis	
M2020-3899	1	BCK	Alcohol Analysis	
M2020-3900	1	BCK	Alcohol Analysis	
M2020-3914	1	BCK	Alcohol Analysis	
M2020-3924	1	BCK	Alcohol Analysis	
M2020-3934	1	BCK	Alcohol Analysis	
M2020-3935	1	BCK	Alcohol Analysis	
P2020-2860	1	BCK	Alcohol Analysis	
P2020-2866	1	BCK	Alcohol Analysis	
P2020-2898	1	BCK	Alcohol Analysis	
P2020-2903	1	BCK	Alcohol Analysis	
P2020-2926	1	BCK	Alcohol Analysis	



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Calibration Table  
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General Calibration Setting  
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Calib. Data Modified : Monday, October 05, 2020 11:14:06 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

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Signal Details  
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Signal 1: FID1 A, Front Signal  
Signal 2: FID2 B, Back Signal  
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Overview Table  
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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	4.46198	1.12058e-2	No	No	1 ethanol
		2	1.00000e-1	8.91385	1.12185e-2			
		3	2.00000e-1	17.74988	1.12677e-2			
		4	3.00000e-1	26.66089	1.12524e-2			
		5	5.00000e-1	44.13263	1.13295e-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	4.55351	1.09805e-2	No	No	2 ethanol
		2	1.00000e-1	9.16385	1.09124e-2			
		3	2.00000e-1	18.41589	1.08602e-2			
		4	3.00000e-1	27.92332	1.07437e-2			
		5	5.00000e-1	46.67204	1.07131e-2			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1 acetone
4.620	1	1	1.00000	46.83429	2.13519e-2	No	Yes	1 n-propanol
		2	1.00000	46.42060	2.15422e-2			
		3	1.00000	45.89629	2.17883e-2			
		4	1.00000	45.90044	2.17863e-2			
		5	1.00000	45.08084	2.21824e-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	48.65120	2.05545e-2	No	Yes	2 n-propanol
		2	1.00000	47.95044	2.08549e-2			
		3	1.00000	47.26522	2.11572e-2			
		4	1.00000	47.20947	2.11822e-2			
		5	1.00000	46.06719	2.17074e-2			

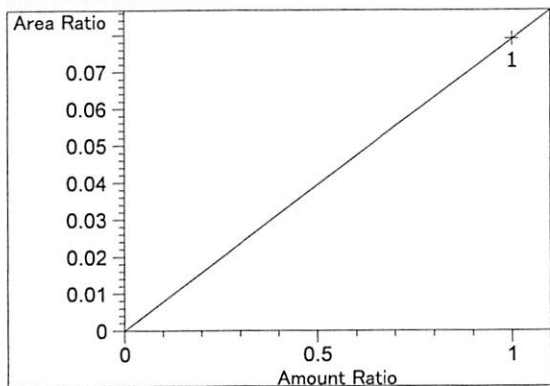
Peak Sum Table

\*\*\*No Entries in table\*\*\*

1 Warnings or Errors :

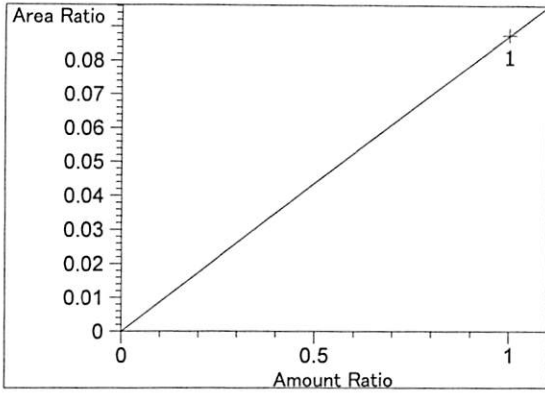
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

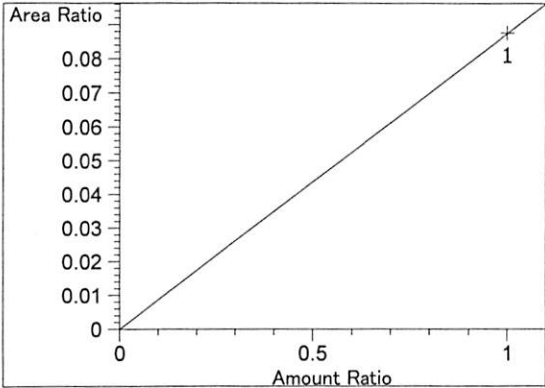


methanol at exp. RT: 2.586  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 7.89314e-2  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

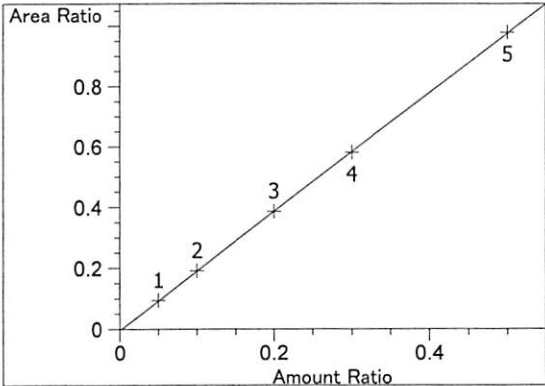
*W*



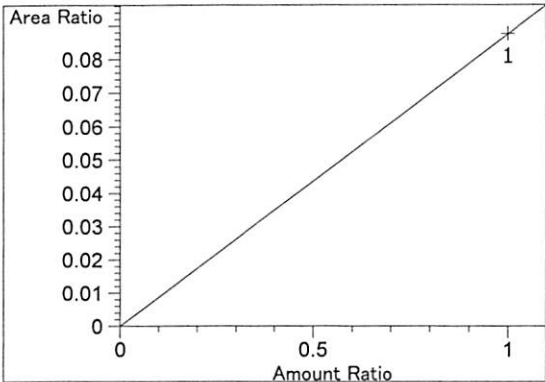
Acetaldehyde at exp. RT: 2.809  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m:  $8.75826e-2$   
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio



Acetaldehyde at exp. RT: 2.977  
 FID2 B, Back Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m:  $8.75826e-2$   
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

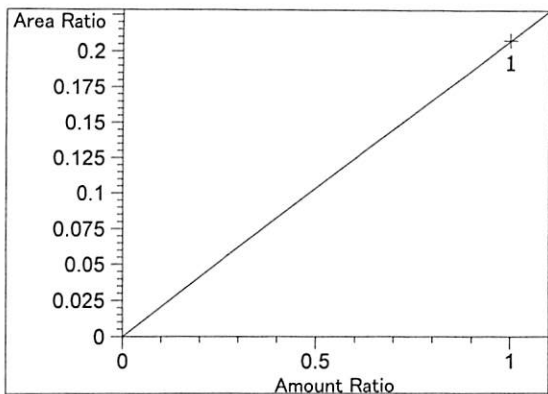


ethanol at exp. RT: 3.075  
 FID1 A, Front Signal  
 Correlation: 0.99998  
 Residual Std. Dev.: 0.00263  
 Formula:  $y = mx + b$   
 m: 1.96301  
 b:  $-4.72463e-3$   
 x: Amount Ratio  
 y: Area Ratio

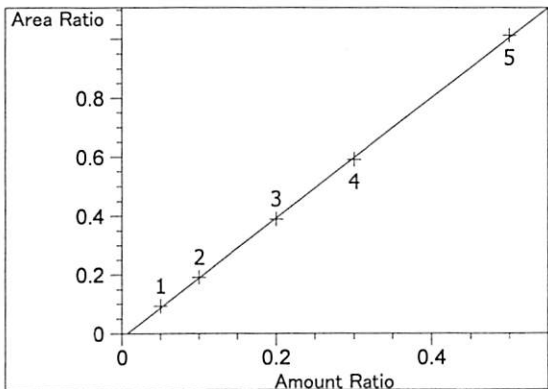


methanol at exp. RT: 3.388  
 FID2 B, Back Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m:  $8.75749e-2$   
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

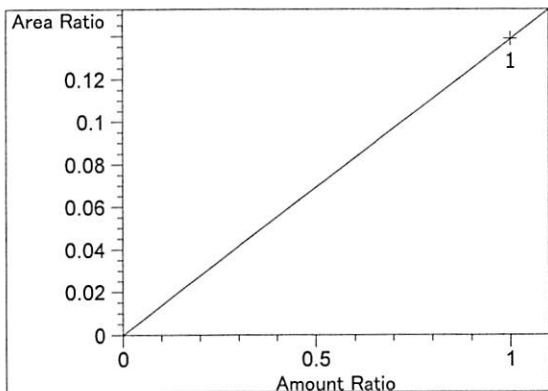
*W*



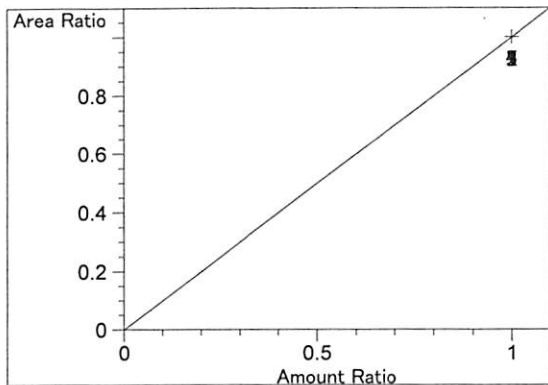
isopropyl alcohol at exp. RT: 3.628  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 2.07766e-1  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio



ethanol at exp. RT: 4.285  
 FID2 B, Back Signal  
 Correlation: 0.99987  
 Residual Std. Dev.: 0.00687  
 Formula:  $y = mx + b$   
 m: 2.04350  
 b: -1.42167e-2  
 x: Amount Ratio  
 y: Area Ratio

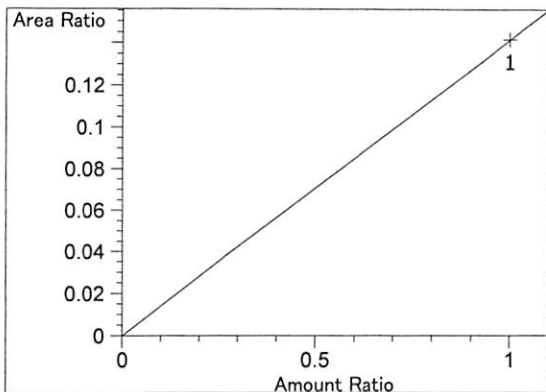


acetone at exp. RT: 4.308  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 1.38774e-1  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

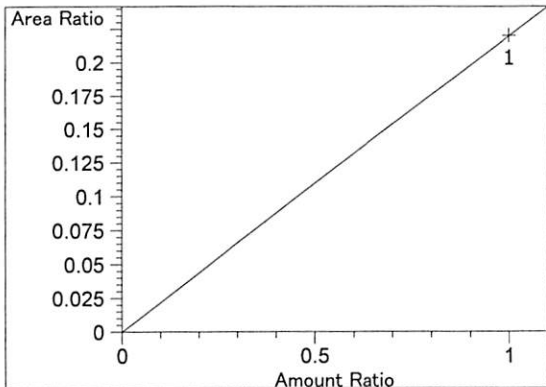


n-propanol at exp. RT: 4.620  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 1.00000  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

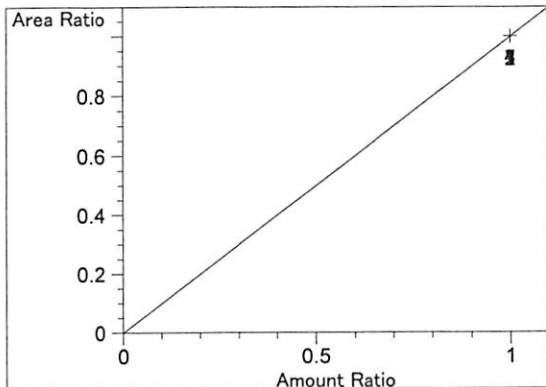
W



acetone at exp. RT: 4.661  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 1.41682e-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: 2.20065e-1  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio

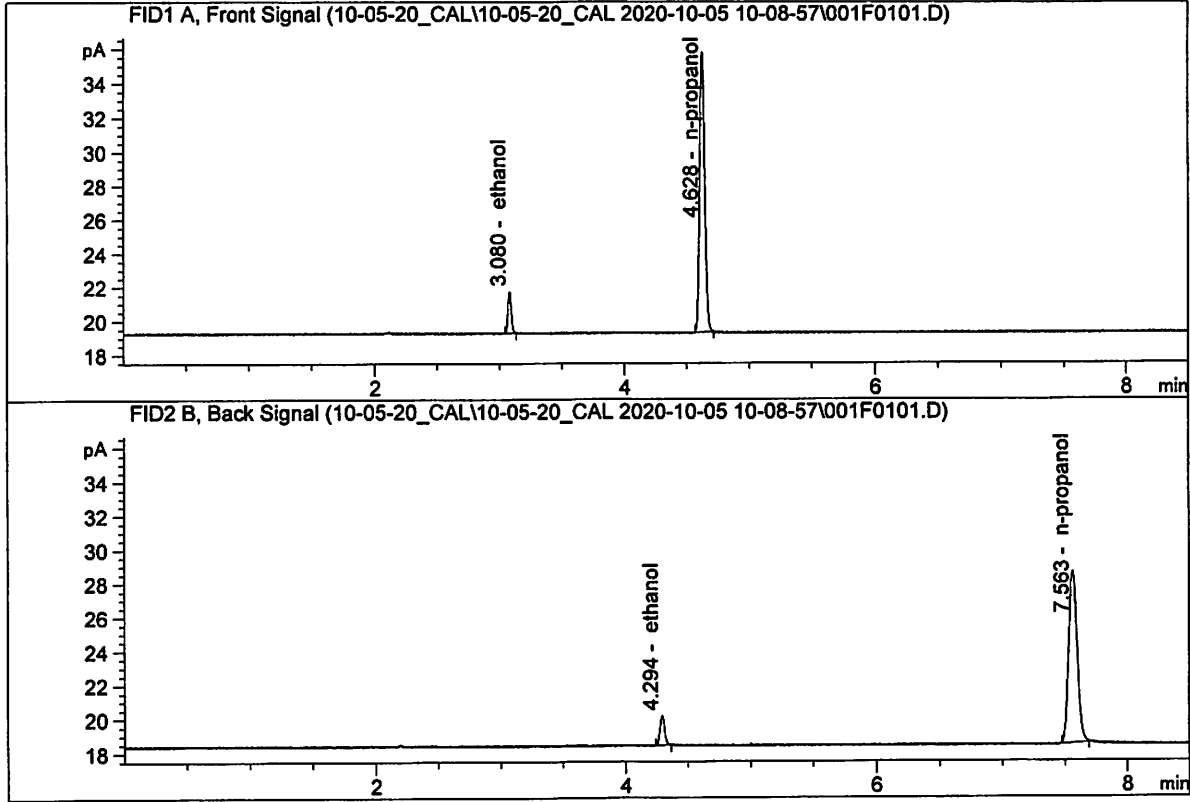


n-propanol at exp. RT: 7.550  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 1.00000  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN05211804  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



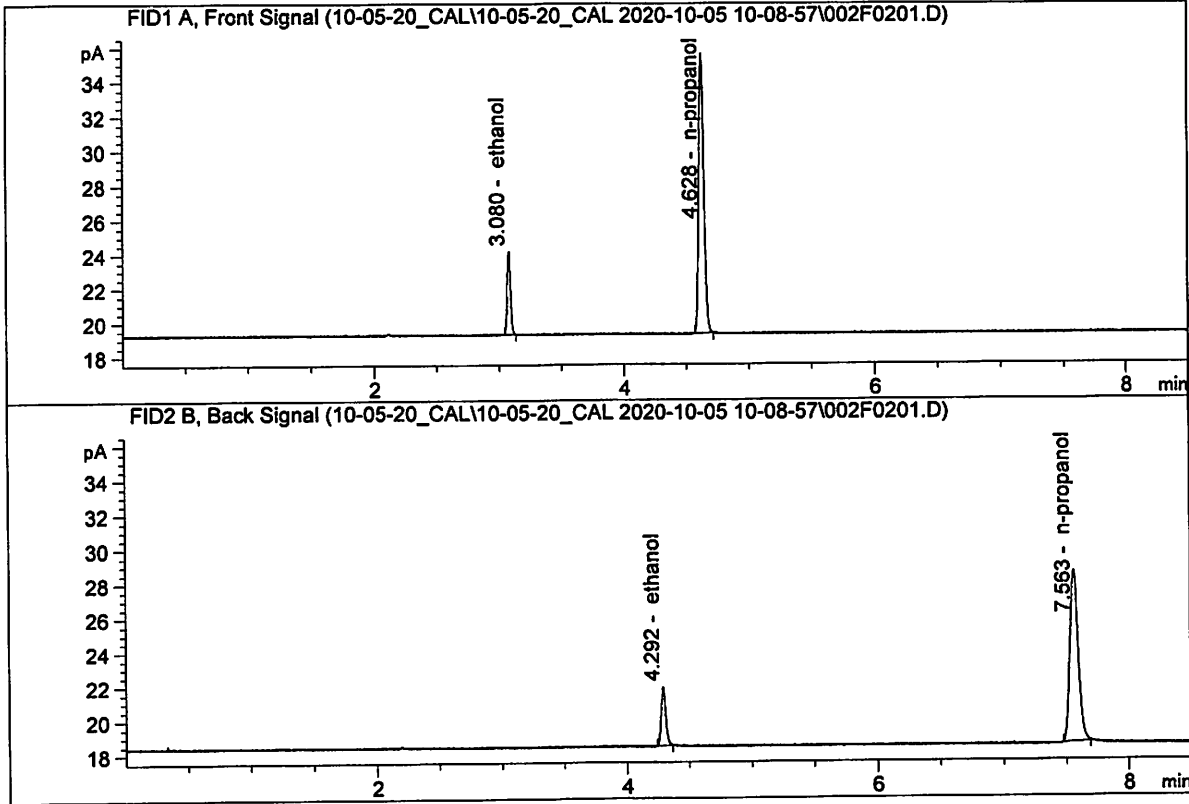
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.46198	0.0509	g/100cc
2.	Ethanol	Column 2:	4.55351	0.0528	g/100cc
3.	n-Propanol	Column 1:	46.83429	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.65120	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN02271802  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

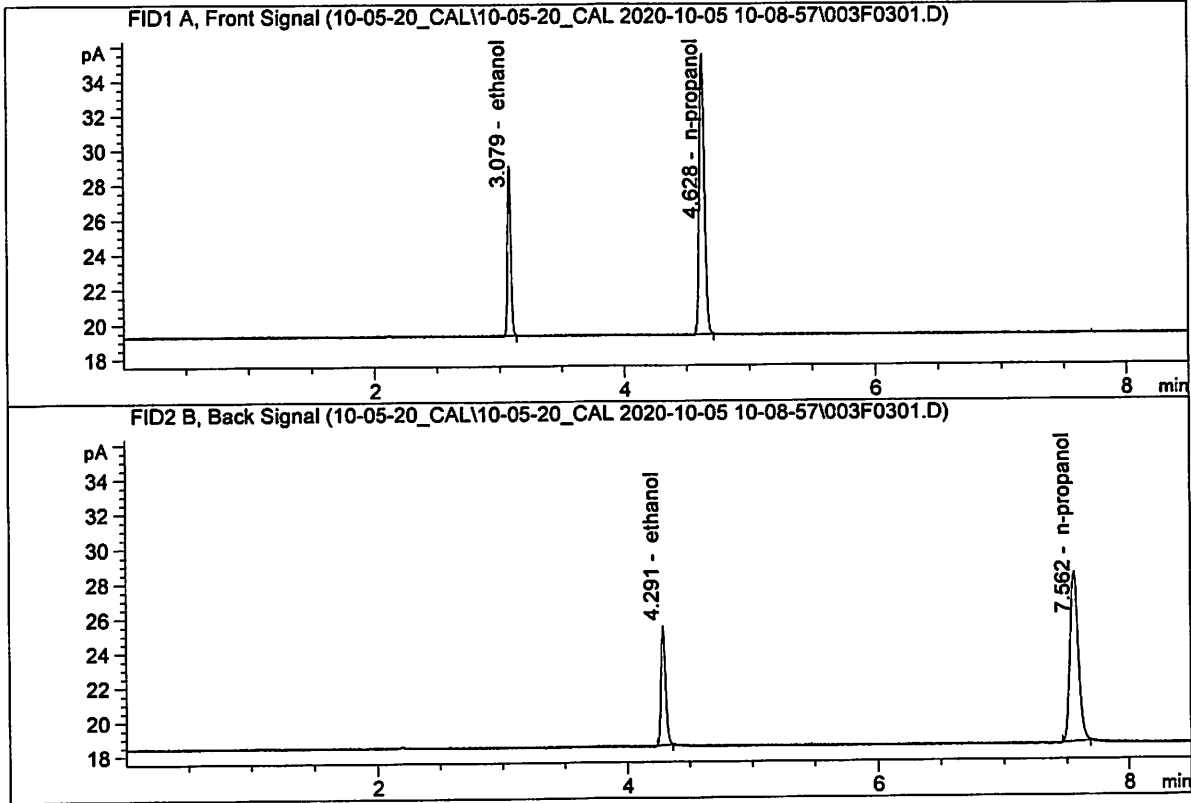


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.91385	0.1002	g/100cc
2.	Ethanol	Column 2:	9.16385	0.1005	g/100cc
3.	n-Propanol	Column 1:	46.42060	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.95044	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN06231704  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

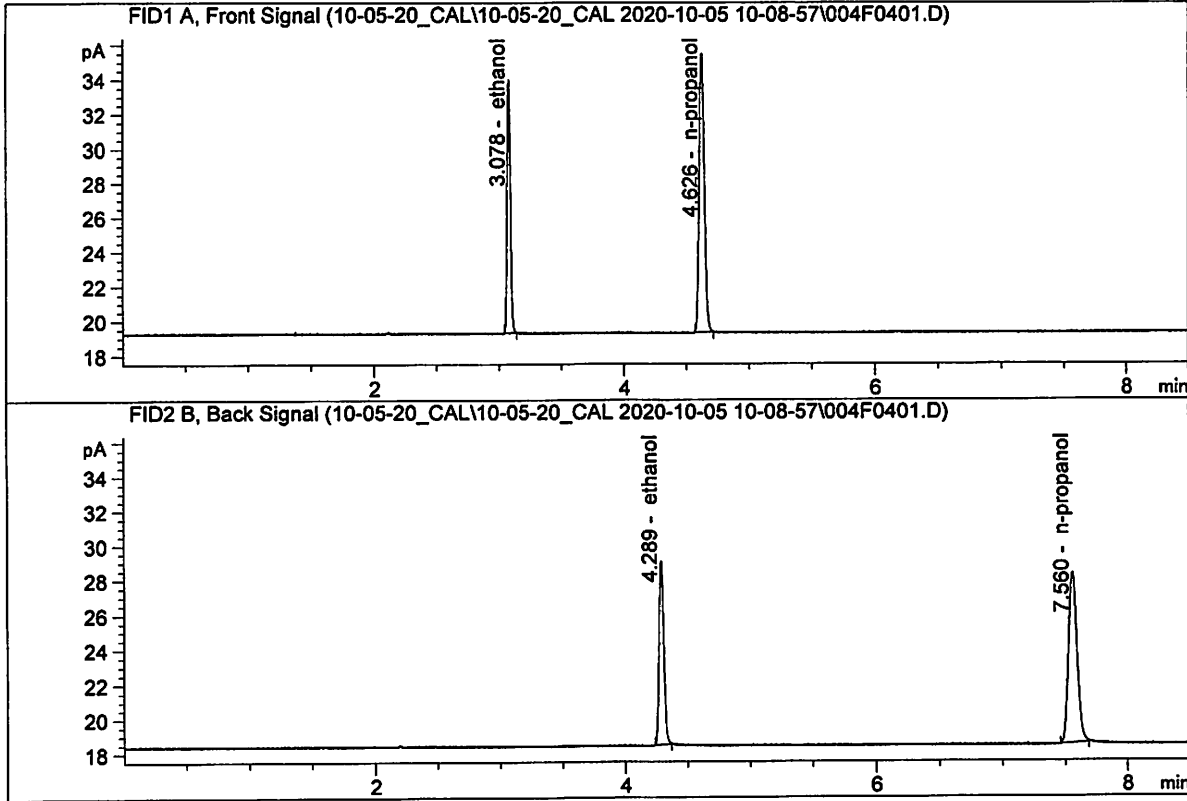


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.74988	0.1994	g/100cc
2.	Ethanol	Column 2:	18.41589	0.1976	g/100cc
3.	n-Propanol	Column 1:	45.89629	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.26522	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN07311804  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

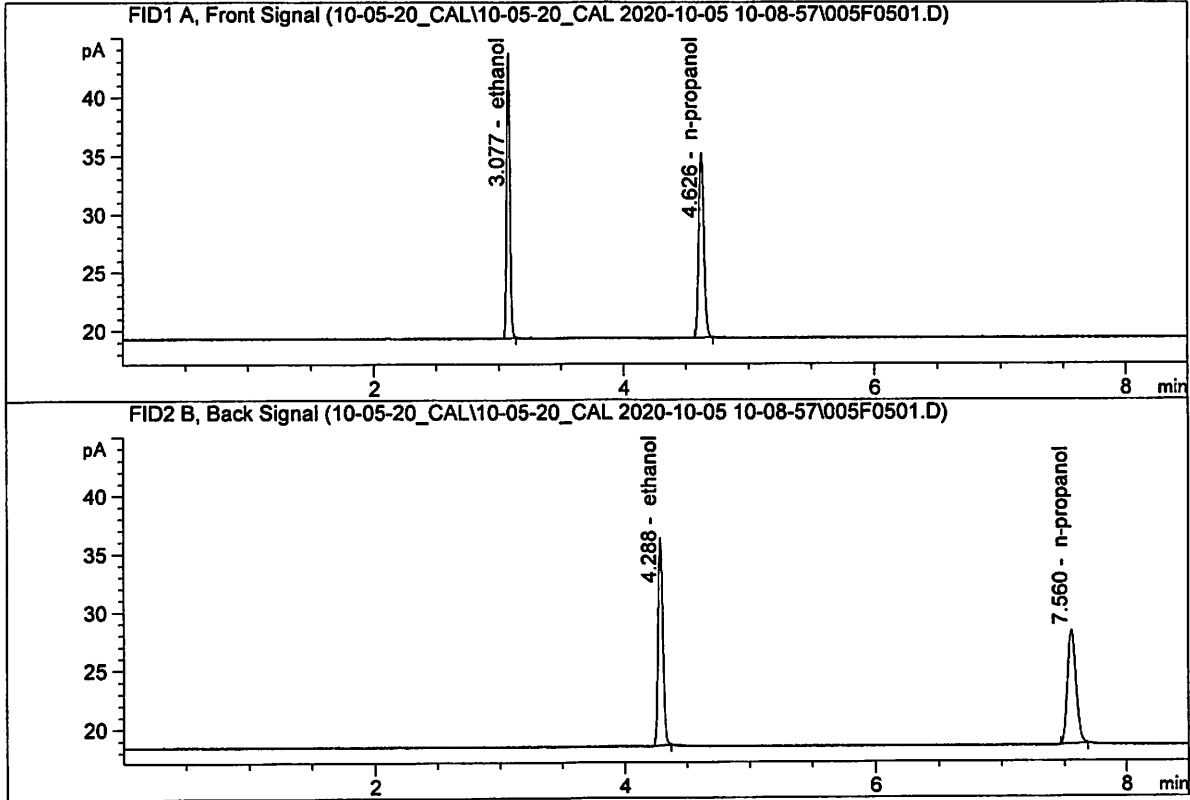


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.66089	0.2983	g/100cc
2.	Ethanol	Column 2:	27.92332	0.2964	g/100cc
3.	n-Propanol	Column 1:	45.90044	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.20947	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08241801  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

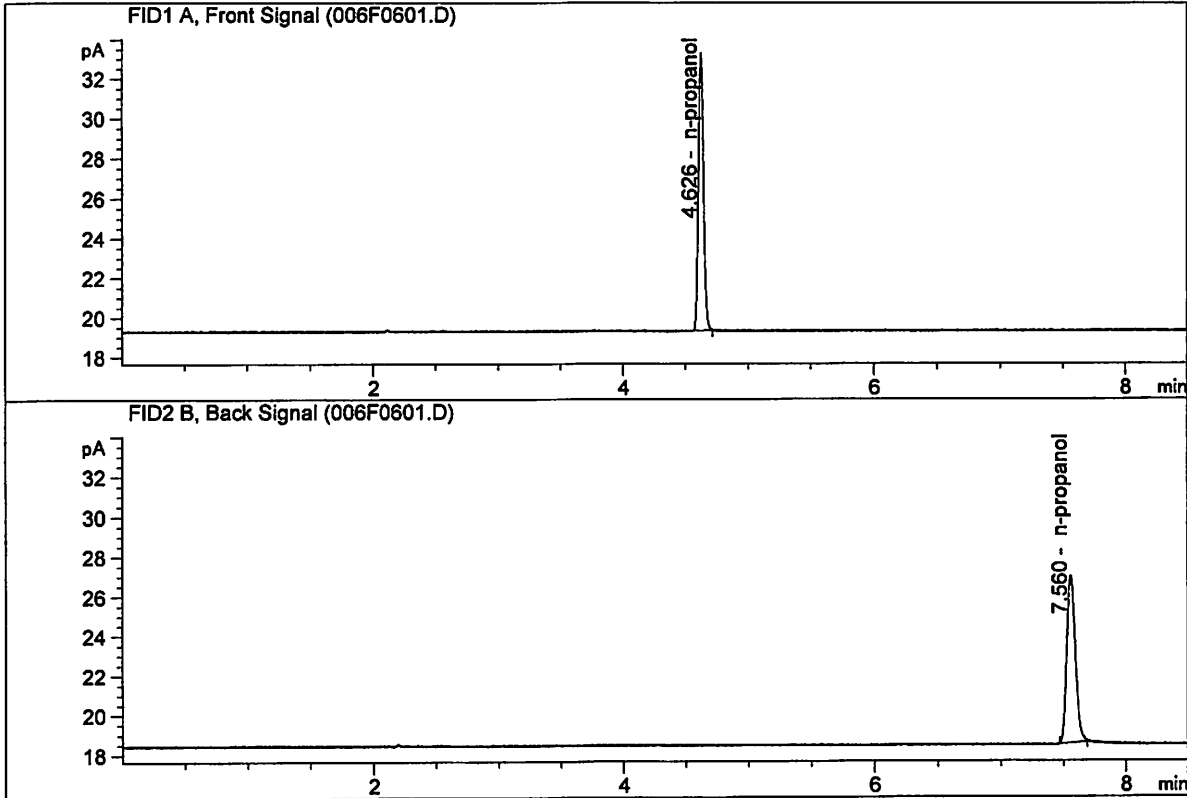


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.13263	0.5011	g/100cc
2.	Ethanol	Column 2:	46.67204	0.5027	g/100cc
3.	n-Propanol	Column 1:	45.08084	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.06719	1.0000	g/100cc

*Handwritten signature or initials.*

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 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:	39.70404	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.52530	1.0000	g/100cc

*Handwritten signature or initials*

S a m p l e S u m m a r y

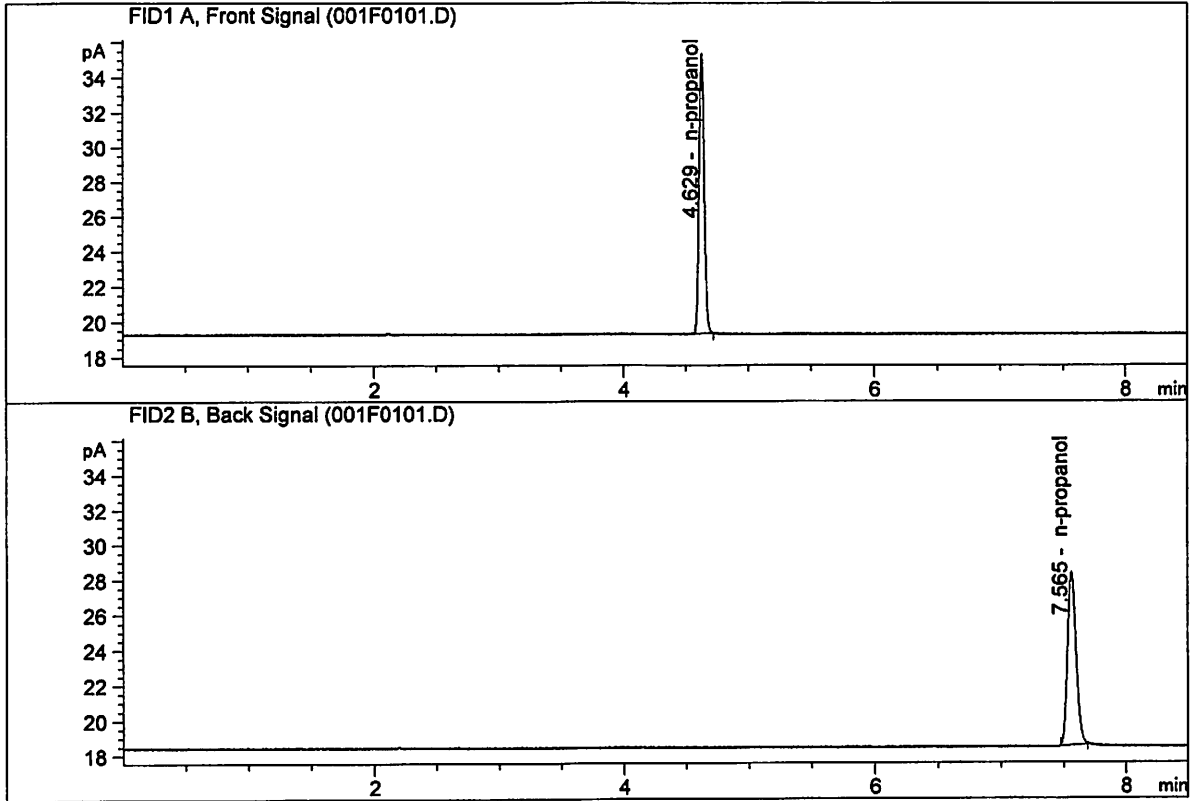
Sequence table: C:\Chem32\1\Data\10-05-20\_CAL\10-05-20\_CAL 2020-10-05 10-08-57\10-05-20\_CAL.S  
 Data directory path: C:\Chem32\1\Data\10-05-20\_CAL\10-05-20\_CAL 2020-10-05 10-08-57\  
 Logbook: C:\Chem32\1\Data\10-05-20\_CAL\10-05-20\_CAL 2020-10-05 10-08-57\10-05-20\_CAL.LOG  
 Sequence start: 10/5/2020 10:23:34 AM  
 Sequence Operator: SYSTEM  
 Operator: SYSTEM

Method file name: C:\Chem32\1\Data\10-05-20\_CAL\10-05-20\_CAL 2020-10-05 10-08-57\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
1	1	1	0.050 FN05211804	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN02271802	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN06231704	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN07311804	-	1.0000	004F0401.D	*	4
5	5	1	0.500 FN08241801	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

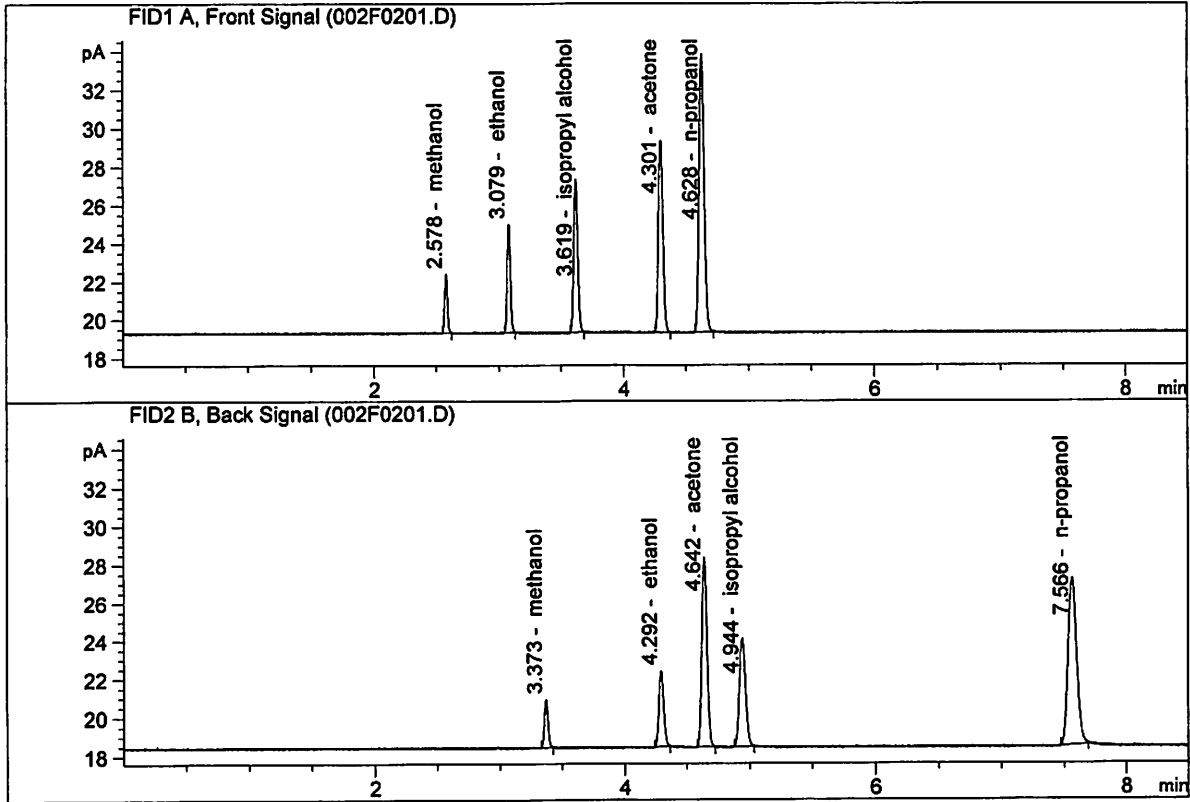


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	45.50035	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.07684	1.0000	g/100cc

*AS*

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN7101701  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	10.11169	0.1283	g/100cc
2.	Ethanol	Column 2:	10.41387	0.1288	g/100cc
3.	n-Propanol	Column 1:	40.91740	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.82512	1.0000	g/100cc

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**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC1-1

Analysis Date(s): 05 Oct 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0723	0.0739	0.0016	0.0731	0.0002	0.0730
(g/100cc)	0.0723	0.0735	0.0012	0.0729		

**Analysis Method**

Refer to Blood Alcohol Method #1

**Instrument Information**

*Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

**Reporting of Results**

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.073	0.069	0.077	0.004

Reported Result	
0.073	

*Calibration and control data are stored centrally.*

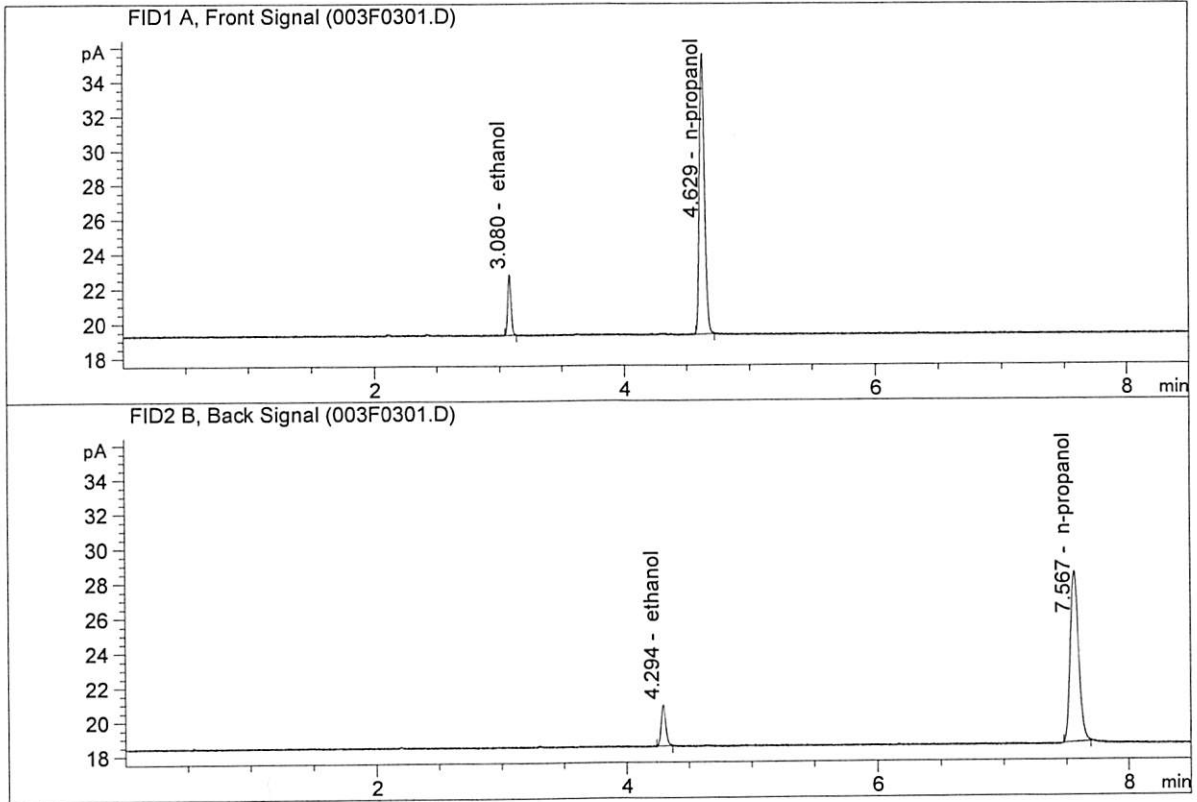
Revision: 2

Issue Date: 12/23/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

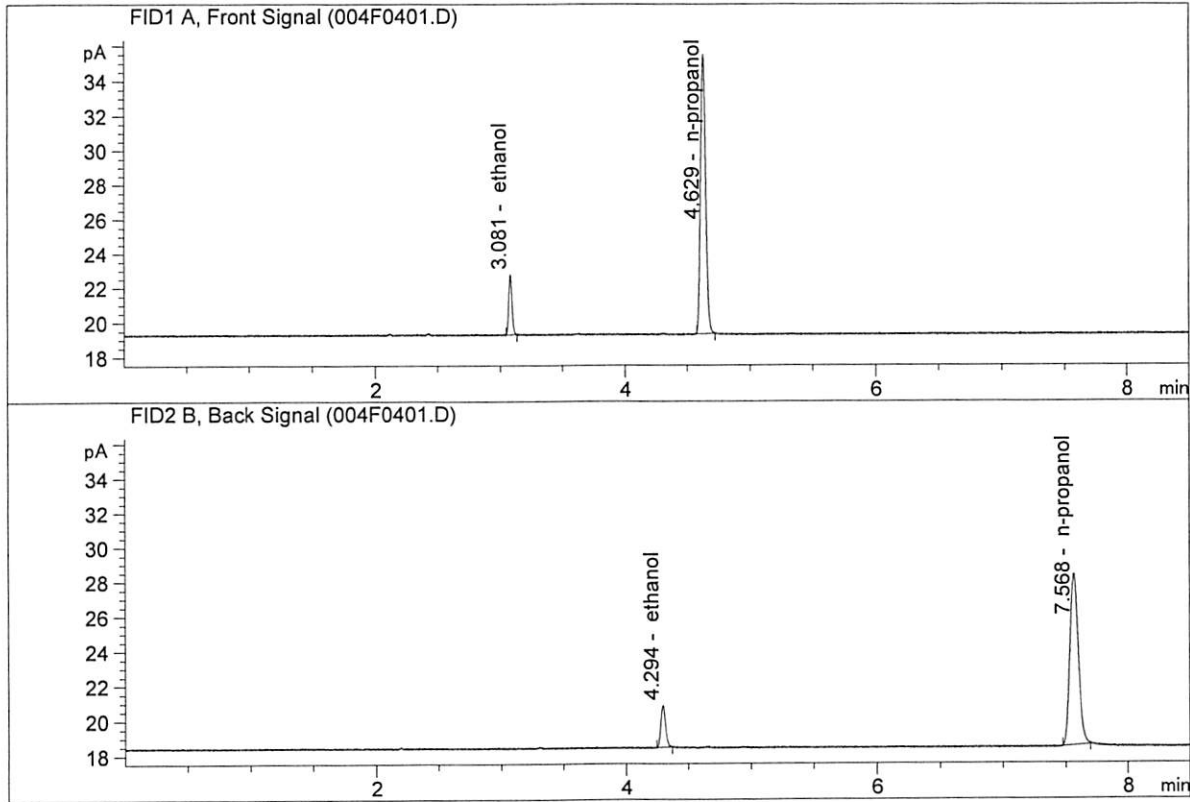
Sample Name : QC1-1-A  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.34985	0.0723	g/100cc
2.	Ethanol	Column 2:	6.49567	0.0739	g/100cc
3.	n-Propanol	Column 1:	46.25855	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.47450	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.29620	0.0723	g/100cc
2.	Ethanol	Column 2:	6.41740	0.0735	g/100cc
3.	n-Propanol	Column 1:	45.89471	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.19053	1.0000	g/100cc

*BB*

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC1-2

Analysis Date(s): 05 Oct 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0741	0.0751	0.0010	0.0746	0.0002	0.0745
(g/100cc)	0.0738	0.0751	0.0013	0.0744		

**Analysis Method**

Refer to Blood Alcohol Method #1

**Instrument Information**

*Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

**Reporting of Results**

Uncertainty of Measurement (UM%): 5.00%

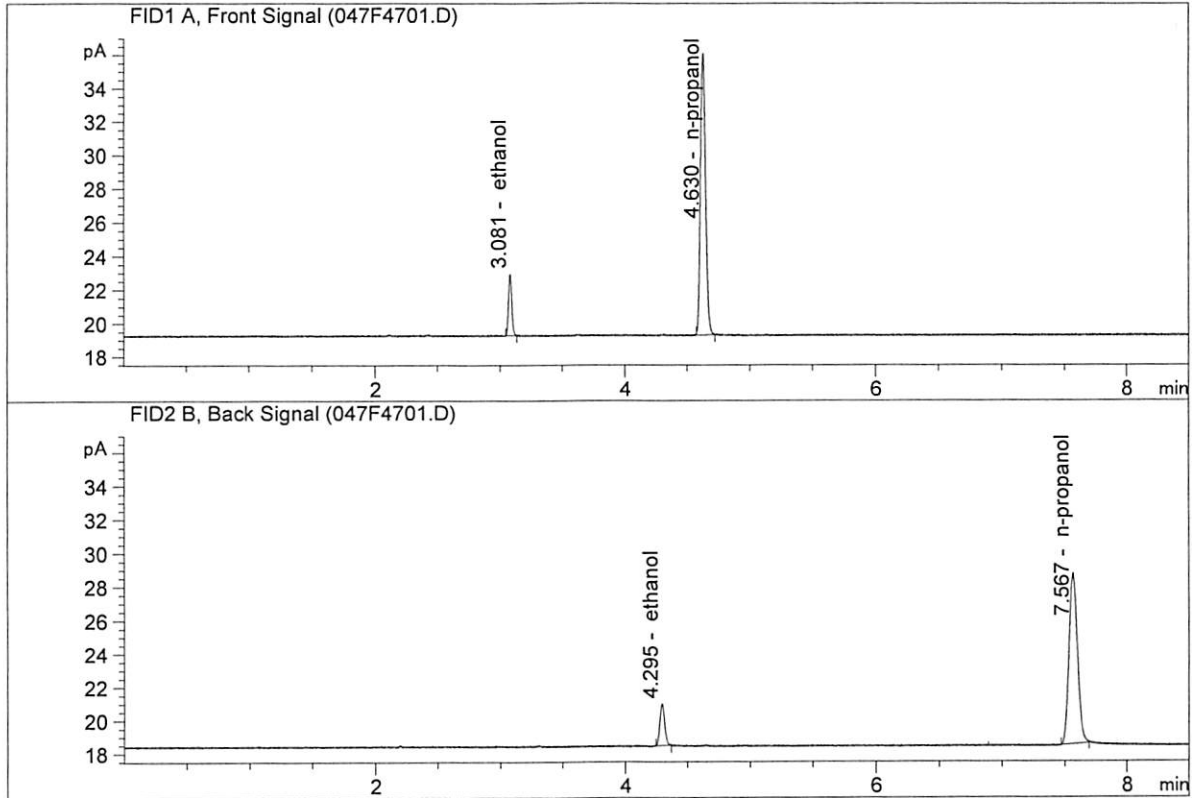
Overall Mean (g/100cc)	Low	High	5% of Mean
0.074	0.070	0.078	0.004

Reported Result	
0.074	

*Calibration and control data are stored centrally.*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

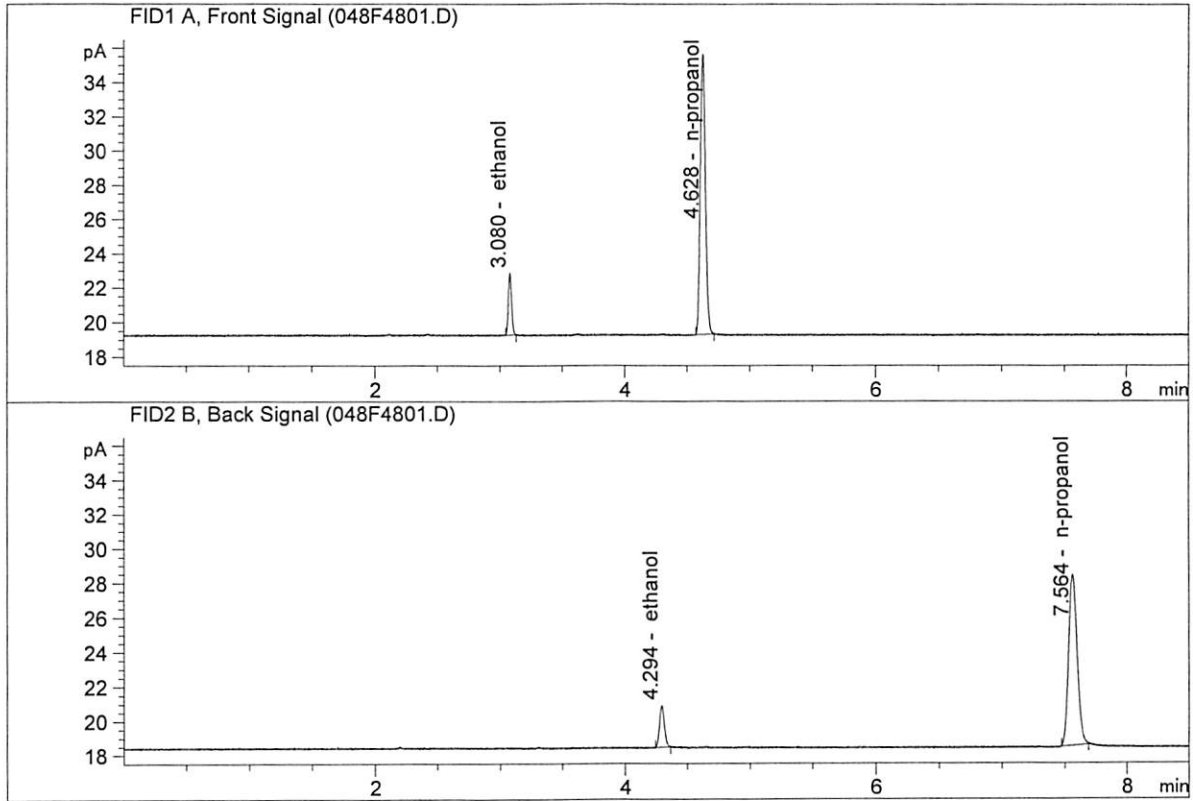


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.70197	0.0741	g/100cc
2.	Ethanol	Column 2:	6.80620	0.0751	g/100cc
3.	n-Propanol	Column 1:	47.60112	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.90746	1.0000	g/100cc

*Handwritten signature*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.49496	0.0738	g/100cc
2.	Ethanol	Column 2:	6.62252	0.0751	g/100cc
3.	n-Propanol	Column 1:	46.34901	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.54528	1.0000	g/100cc

W

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC2-1

Analysis Date(s): 05 Oct 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1946	0.1926	0.0020	0.1936	0.0020	0.1926
(g/100cc)	0.1917	0.1916	0.0001	0.1916		

**Analysis Method**

Refer to Blood Alcohol Method #1

**Instrument Information**

*Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

**Reporting of Results**

Uncertainty of Measurement (UM%): 5.00%

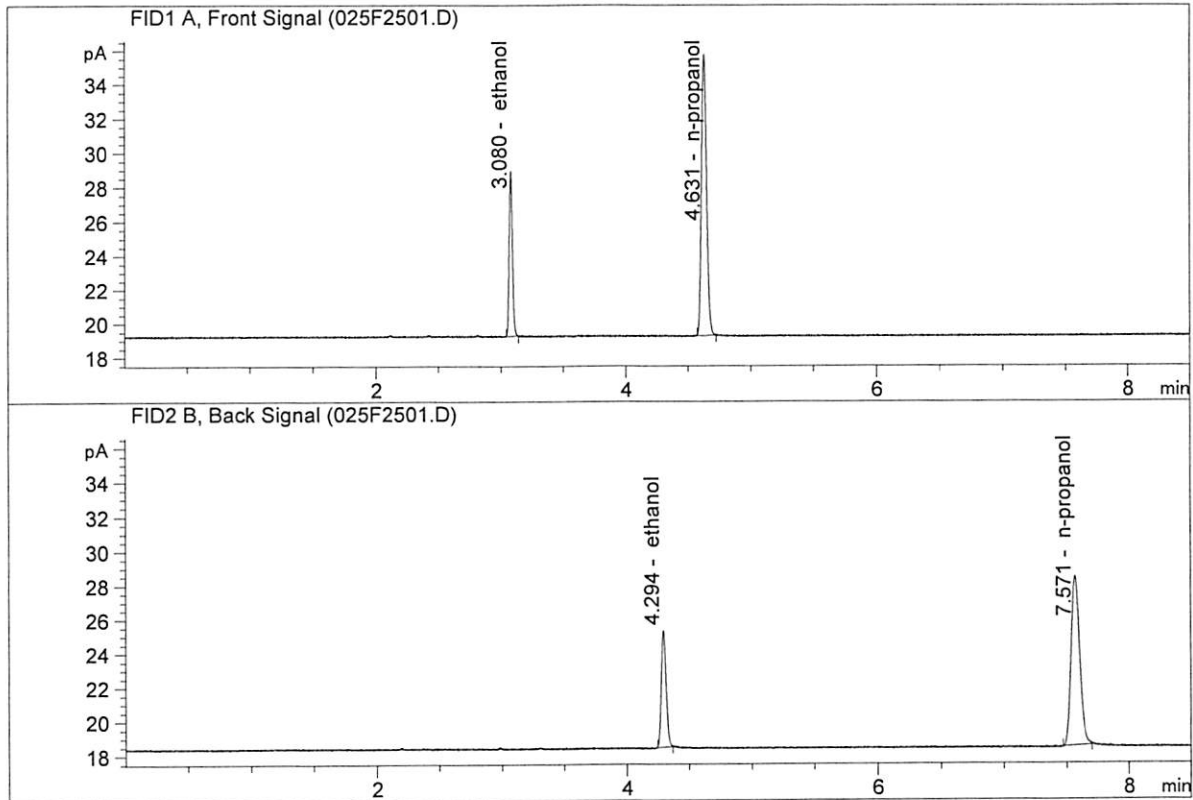
Overall Mean (g/100cc)	Low	High	5% of Mean
0.192	0.182	0.202	0.010

	Reported Result	
	0.192	

*Calibration and control data are stored centrally.*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



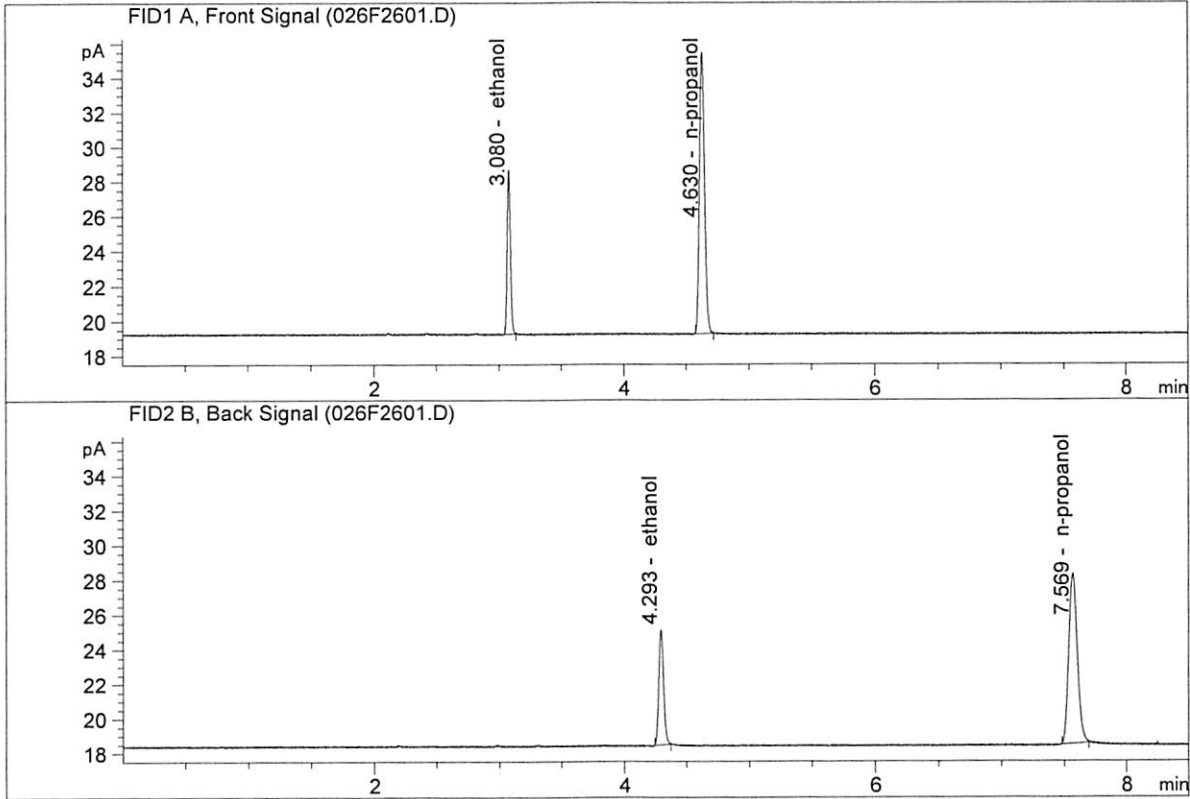
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.63054	0.1946	g/100cc
2.	Ethanol	Column 2:	18.23632	0.1926	g/100cc
3.	n-Propanol	Column 1:	46.72948	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.06052	1.0000	g/100cc

*W*



ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.09583	0.1917	g/100cc
2.	Ethanol	Column 2:	17.80291	0.1916	g/100cc
3.	n-Propanol	Column 1:	46.00087	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.17810	1.0000	g/100cc

*Handwritten signature*

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701

Analysis Date(s): 05 Oct 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0812	0.0827	0.0015	0.0819	0.0012	0.0813
(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

### 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

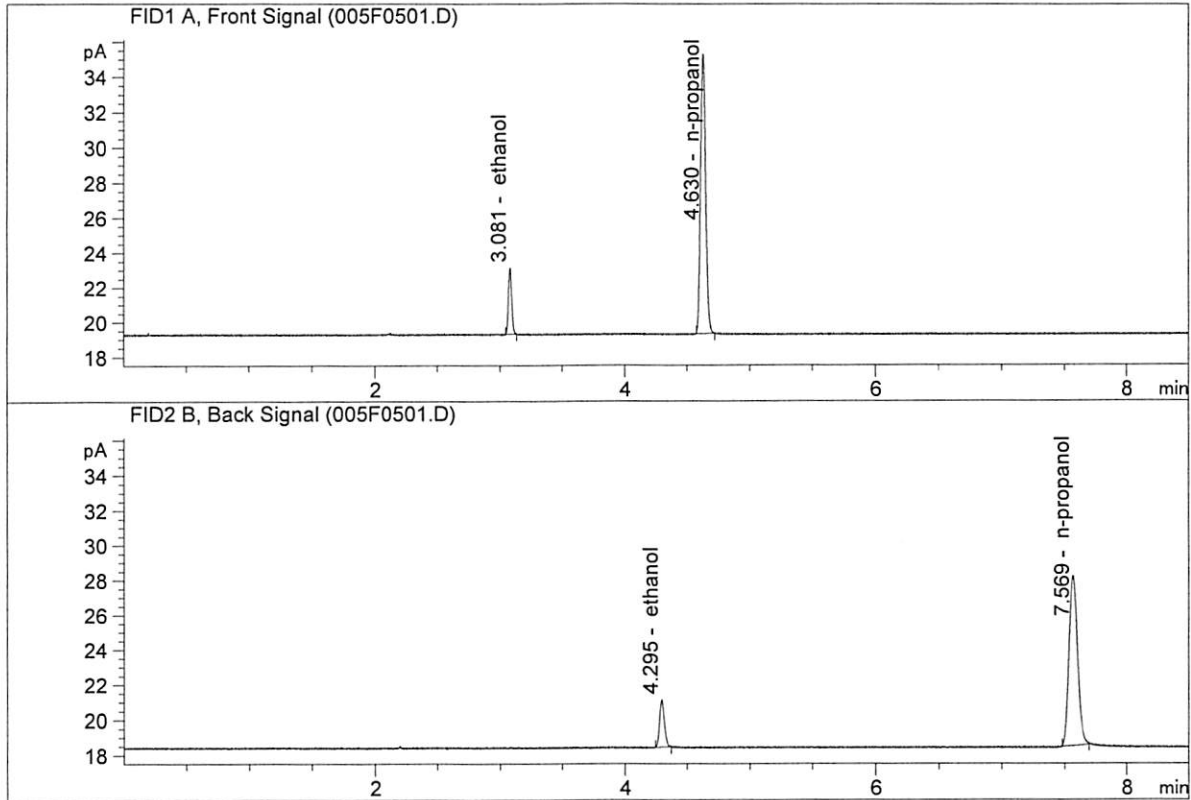
	Reported Result
	0.081

*Calibration and control data are stored centrally.*

66

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014 - CN11041167

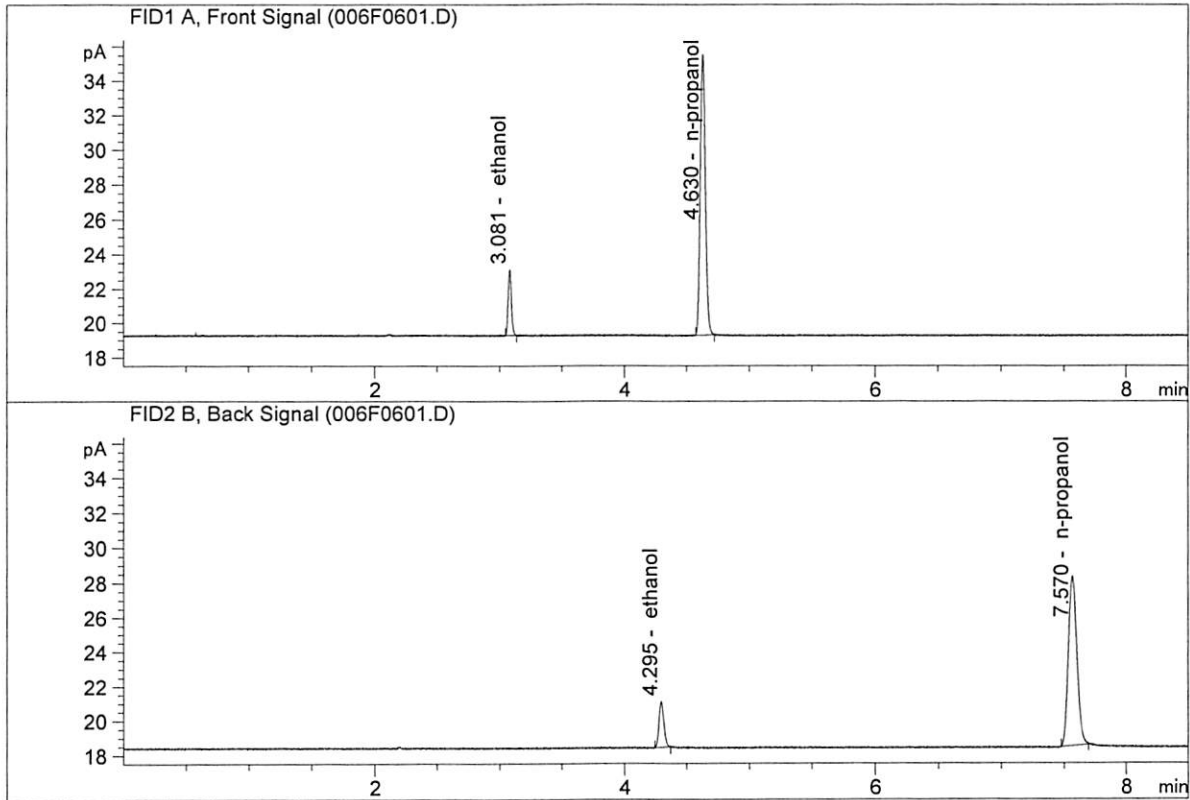


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.00721	0.0812	g/100cc
2.	Ethanol	Column 2:	7.18947	0.0827	g/100cc
3.	n-Propanol	Column 1:	45.32977	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.47883	1.0000	g/100cc

*Handwritten signature or initials.*

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

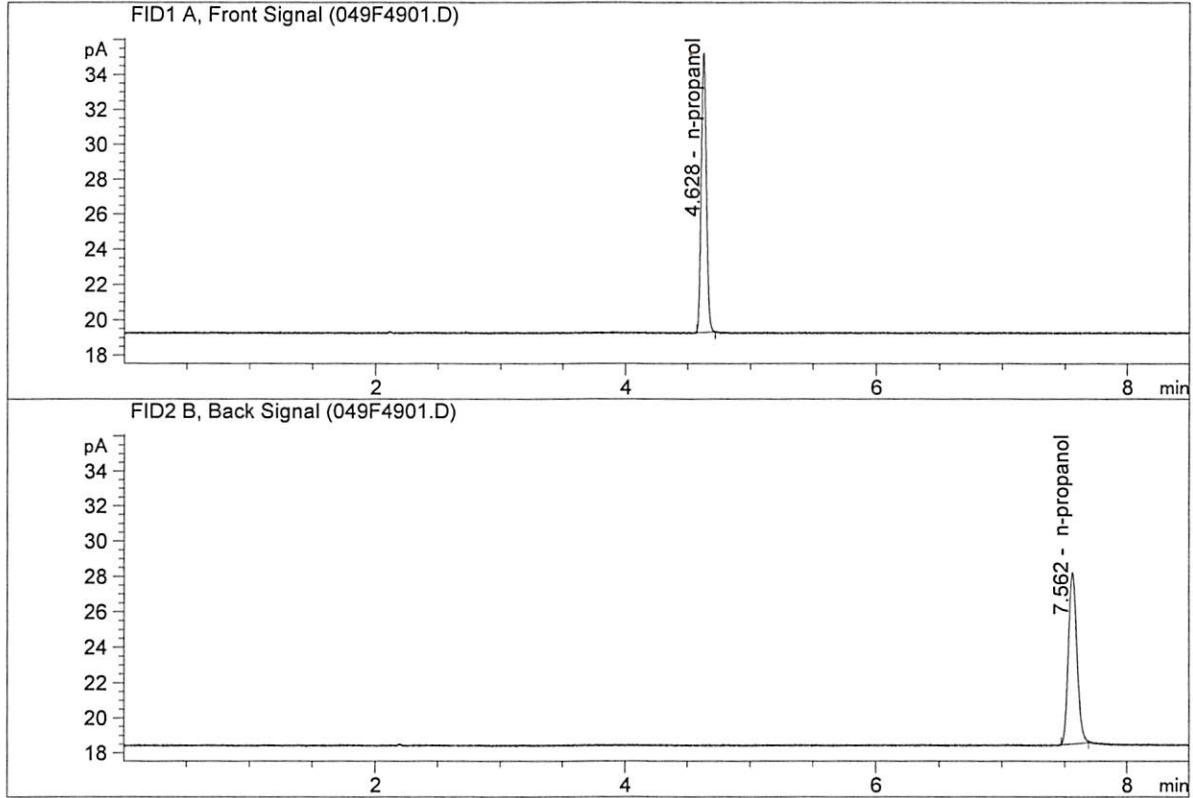


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.03353	0.0801	g/100cc
2.	Ethanol	Column 2:	7.18248	0.0813	g/100cc
3.	n-Propanol	Column 1:	46.09969	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.27771	1.0000	g/100cc

*ns*

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK  
 Laboratory : Meridian  
 Injection Date : Oct 5, 2020  
 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:	45.27678	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.41449	1.0000	g/100cc

*Handwritten signature*

Sample Summary

Sequence table: C:\Chem32\1\Data\10-05-20\_SAMPLES\10-05-20\_SAMPLES 2020-10-05 12-08-10\10-05-20\_SAMPLES.S  
 Data directory path: C:\Chem32\1\Data\10-05-20\_SAMPLES\10-05-20\_SAMPLES 2020-10-05 12-08-10\  
 Logbook: C:\Chem32\1\Data\10-05-20\_SAMPLES\10-05-20\_SAMPLES 2020-10-05 12-08-10\10-05-20\_SAMPLES.LOG  
 Sequence start: 10/5/2020 12:22:56 PM  
 Sequence Operator: SYSTEM  
 Operator: SYSTEM  
 Method file name: C:\Chem32\1\Data\10-05-20\_SAMPLES\10-05-20\_SAMPLES 2020-10-05 12-08-10\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 FN710170	-	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	20801BOTTLE#1-A	-	1.0000	007F0701.D	4
8	8	1	20801BOTTLE#1-B	-	1.0000	008F0801.D	4
9	9	1	20801BOTTLE#2-A	-	1.0000	009F0901.D	4
10	10	1	20801BOTTLE#2-B	-	1.0000	010F1001.D	4
11	11	1	M2020-3885-1-A	-	1.0000	011F1101.D	4
12	12	1	M2020-3885-1-B	-	1.0000	012F1201.D	4
13	13	1	M2020-3886-1-A	-	1.0000	013F1301.D	4
14	14	1	M2020-3886-1-B	-	1.0000	014F1401.D	4
15	15	1	M2020-3887-1-A	-	1.0000	015F1501.D	4
16	16	1	M2020-3887-1-B	-	1.0000	016F1601.D	4
17	17	1	M2020-3888-1-A	-	1.0000	017F1701.D	4
18	18	1	M2020-3888-1-B	-	1.0000	018F1801.D	4
19	19	1	M2020-3897-1-A	-	1.0000	019F1901.D	4
20	20	1	M2020-3897-1-B	-	1.0000	020F2001.D	4
21	21	1	M2020-3898-1-A	-	1.0000	021F2101.D	4
22	22	1	M2020-3898-1-B	-	1.0000	022F2201.D	4
23	23	1	M2020-3899-1-A	-	1.0000	023F2301.D	4
24	24	1	M2020-3899-1-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
27	27	1	M2020-3900-1-A	-	1.0000	027F2701.D	4
28	28	1	M2020-3900-1-B	-	1.0000	028F2801.D	4
29	29	1	M2020-3914-1-A	-	1.0000	029F2901.D	4
30	30	1	M2020-3914-1-B	-	1.0000	030F3001.D	4
31	31	1	M2020-3924-1-A	-	1.0000	031F3101.D	2
32	32	1	M2020-3924-1-B	-	1.0000	032F3201.D	2
33	33	1	M2020-3934-1-A	-	1.0000	033F3301.D	2
34	34	1	M2020-3934-1-B	-	1.0000	034F3401.D	2
35	35	1	M2020-3935-1-A	-	1.0000	035F3501.D	4
36	36	1	M2020-3935-1-B	-	1.0000	036F3601.D	4
37	37	1	P2020-2860-1-A	-	1.0000	037F3701.D	2
38	38	1	P2020-2860-1-B	-	1.0000	038F3801.D	2
39	39	1	P2020-2866-1-A	-	1.0000	039F3901.D	4
40	40	1	P2020-2866-1-B	-	1.0000	040F4001.D	4
41	41	1	P2020-2898-1-A	-	1.0000	041F4101.D	4
42	42	1	P2020-2898-1-B	-	1.0000	042F4201.D	4
43	43	1	P2020-2903-1-A	-	1.0000	043F4301.D	4

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	P2020-2903-1-B	-	1.0000	044F4401.D	4
45	45	1	P2020-2926-1-A	-	1.0000	045F4501.D	2
46	46	1	P2020-2926-1-B	-	1.0000	046F4601.D	2
47	47	1	QC1-2-A	-	1.0000	047F4701.D	4
48	48	1	QC1-2-B	-	1.0000	048F4801.D	4
49	49	1	INTERNAL STD BLK	-	1.0000	049F4901.D	2

Method file name: C:\Chem32\1\Data\10-05-20\_SAMPLES\10-05-20\_SAMPLES 2020-10-05 12-08-10  
 \SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
50	50	1	EMPTY	-	1.0000	050F5001.D	0