

**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): 7/23/20-7/24/20 (calibration: 7/23)**












Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0798 g/100cc
					0.0813 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1995 g/100cc
					0.2015 g/100cc g/100cc
Multi-Component mixture:					
Curve Fit:		Column 1	Lot #	Column 2	
		0.99999	FN06041502	0.99996	0.99996

Ethanol Calibration Reference Material						
Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0504	0.0519	0.0015	0.0511
100	0.100	0.090 - 0.110	0.0998	0.0994	0.0004	0.0996
200	0.200	0.180 - 0.220	0.2005	0.1995	0.001	0.2
300	0.300	0.270 - 0.330	0.2985	0.2978	0.0007	0.2981
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5006	0.5015	0.0009	0.501

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

*NR*

## Worklist: 4385

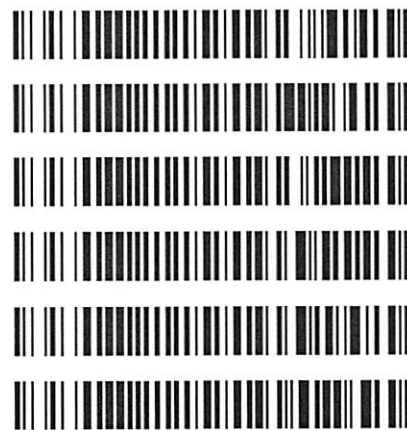
<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
C2020-1394	1	BCK	Alcohol Analysis	
C2020-1406	1	BCK	Alcohol Analysis	
C2020-1407	1	BCK	Alcohol Analysis	
C2020-1410	1	BCK	Alcohol Analysis	
M2020-2730	1	BCK	Alcohol Analysis	
M2020-2731	1	BCK	Alcohol Analysis	
M2020-2762	1	BCK	Alcohol Analysis	
M2020-2785	1	BCK	Alcohol Analysis	
M2020-2793	1	BCK	Alcohol Analysis	
M2020-2794	1	BCK	Alcohol Analysis	
M2020-2802	1	BCK	Alcohol Analysis	
M2020-2803	1	BCK	Alcohol Analysis	
M2020-2804	1	BCK	Alcohol Analysis	
M2020-2805	1	BCK	Alcohol Analysis	
M2020-2811	1	BCK	Alcohol Analysis	
M2020-2829	1	BCK	Alcohol Analysis	
P2020-1754	1	BCK	Alcohol Analysis	
P2020-2077	1	BCK	Alcohol Analysis	
P2020-2077	2	BCK	Alcohol Analysis	
P2020-2077	3	BCK	Alcohol Analysis	
P2020-2108	1	BCK	Alcohol Analysis	

→ did not meet  
Vial A and B  
Preclusion  
criteria  
NB 7/24/20

NB

**Worklist: 4385**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2020-2115	1	BCK	Alcohol Analysis
P2020-2129	1	BCK	Alcohol Analysis
P2020-2149	1	BCK	Alcohol Analysis
P2020-2150	1	BCK	Alcohol Analysis
P2020-2151	1	BCK	Alcohol Analysis
P2020-2153	2	BCK	Alcohol Analysis



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=====  
Calibration Table  
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General Calibration Setting  
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Calib. Data Modified : Thursday, July 23, 2020 12:21:10 PM  
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  
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Overview Table  
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NB



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	4.22027	1.18476e-2	No	No 1	ethanol
		2	1.00000e-1	8.46122	1.18186e-2			
		3	2.00000e-1	17.23751	1.16026e-2			
		4	3.00000e-1	26.33795	1.13904e-2			
		5	5.00000e-1	42.97801	1.16339e-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	4.33479	1.15346e-2	No	No 2	ethanol
		2	1.00000e-1	8.69182	1.15051e-2			
		3	2.00000e-1	17.94835	1.11431e-2			
		4	3.00000e-1	27.63737	1.08549e-2			
		5	5.00000e-1	45.36103	1.10227e-2			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No 1	acetone
4.620	1	1	1.00000	40.50233	2.46899e-2	No	Yes 1	n-propanol
		2	1.00000	40.72702	2.45537e-2			
		3	1.00000	41.13897	2.43079e-2			
		4	1.00000	42.17012	2.37135e-2			
		5	1.00000	40.99162	2.43952e-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	41.84101	2.39000e-2	No	Yes 2	n-propanol
		2	1.00000	41.86904	2.38840e-2			
		3	1.00000	42.11242	2.37460e-2			
		4	1.00000	43.10894	2.31970e-2			
		5	1.00000	41.75473	2.39494e-2			

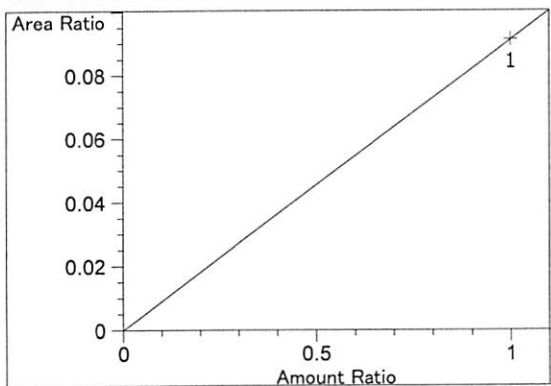
Peak Sum Table

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

1 Warnings or Errors :

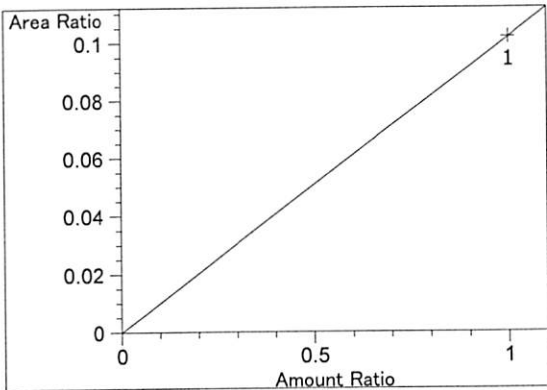
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

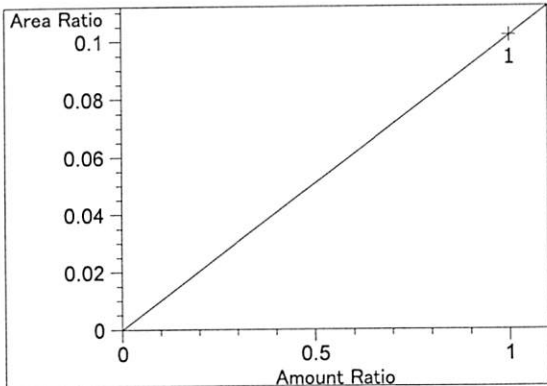


methanol at exp. RT: 2.586  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 9.12712e-2  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

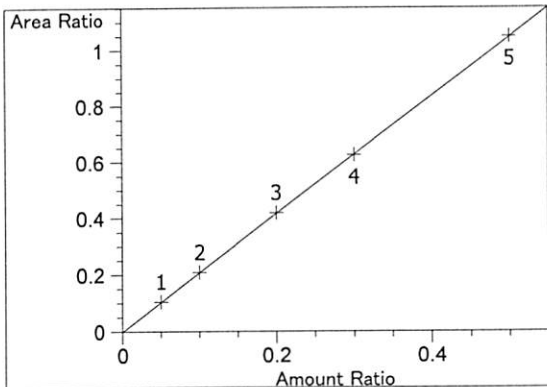
NB



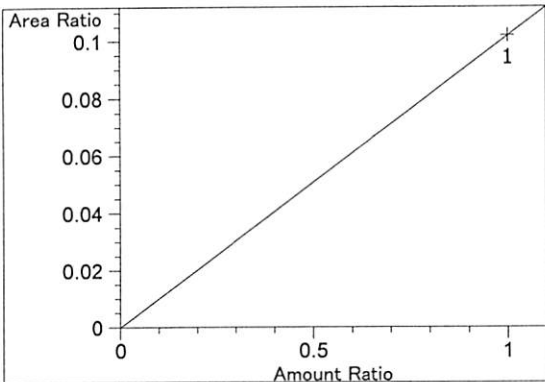
Acetaldehyde at exp. RT: 2.809  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 1.01838e-1  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio



Acetaldehyde at exp. RT: 2.977  
 FID2 B, Back Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 1.01838e-1  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

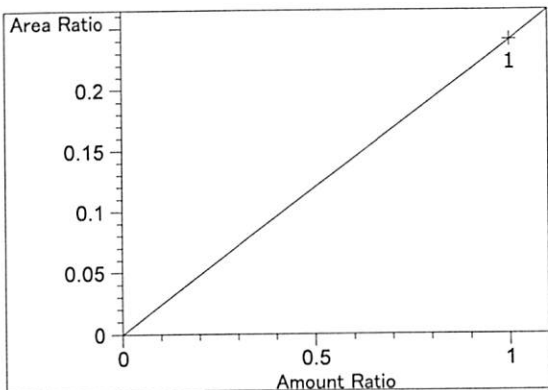


ethanol at exp. RT: 3.075  
 FID1 A, Front Signal  
 Correlation: 0.99999  
 Residual Std. Dev.: 0.00212  
 Formula:  $y = mx + b$   
 m: 2.09742  
 b: -1.60938e-3  
 x: Amount Ratio  
 y: Area Ratio

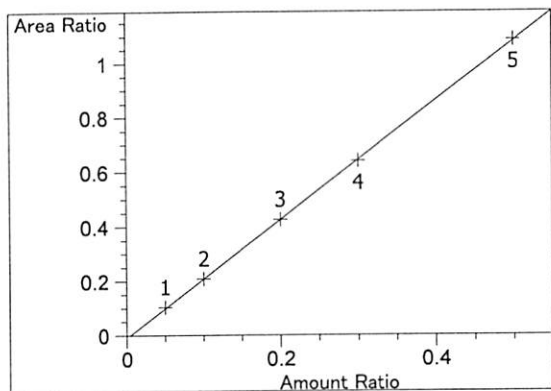


methanol at exp. RT: 3.388  
 FID2 B, Back Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 1.01829e-1  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

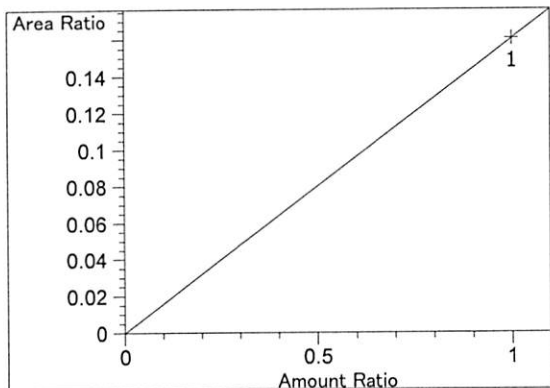
ND



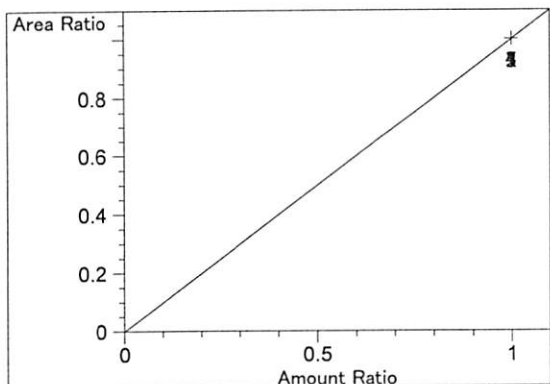
isopropyl alcohol at exp. RT: 3.628  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 2.40247e-1  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio



ethanol at exp. RT: 4.285  
 FID2 B, Back Signal  
 Correlation: 0.99996  
 Residual Std. Dev.: 0.00423  
 Formula:  $y = mx + b$   
 m: 2.18574  
 b: -9.74671e-3  
 x: Amount Ratio  
 y: Area Ratio

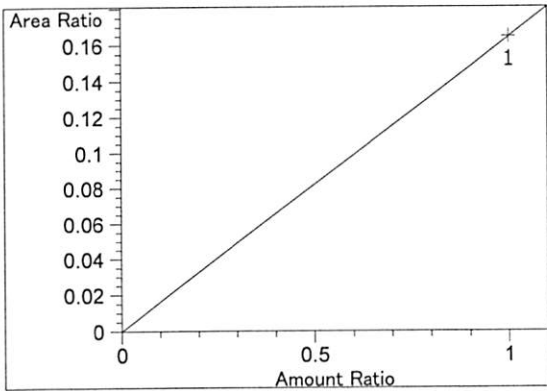


acetone at exp. RT: 4.308  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 1.60470e-1  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

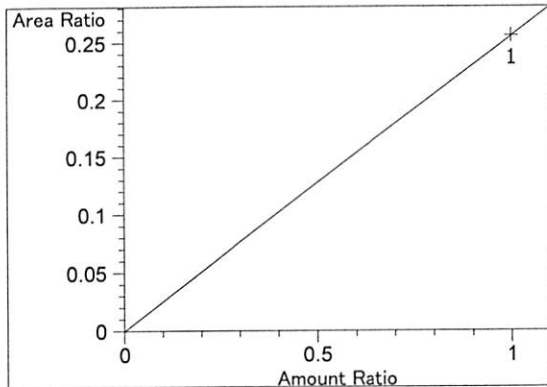


n-propanol at exp. RT: 4.620  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 1.00000  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

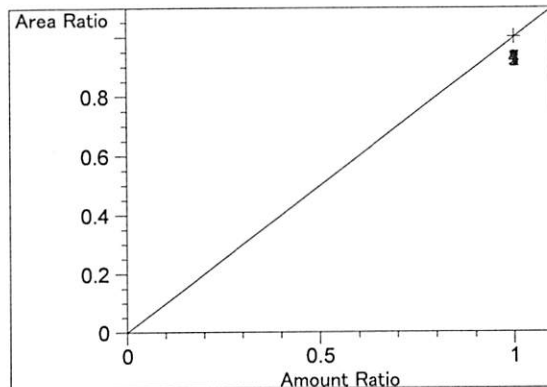
NB



acetone at exp. RT: 4.661  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 1.64743e-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: 2.55883e-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

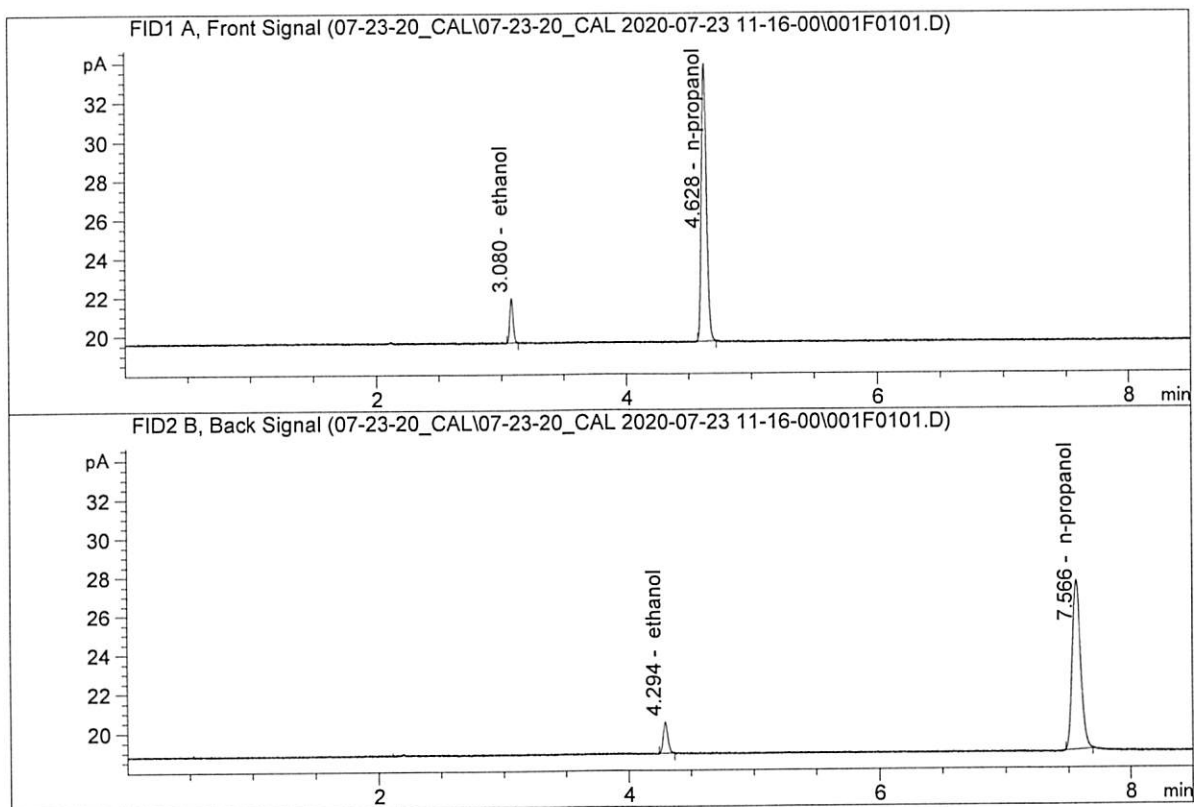
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NB



ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN05211804  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

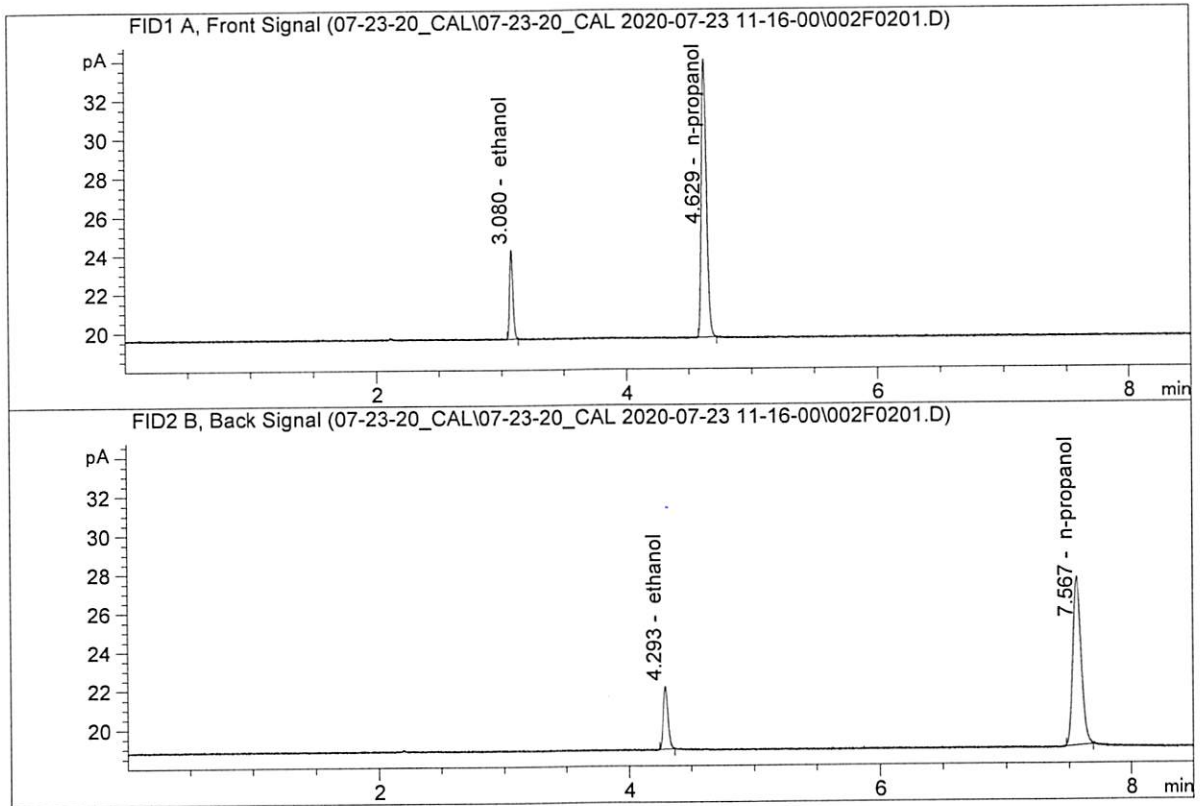


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.22027	0.0504	g/100cc
2.	Ethanol	Column 2:	4.33479	0.0519	g/100cc
3.	n-Propanol	Column 1:	40.50233	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.84101	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN02271802  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

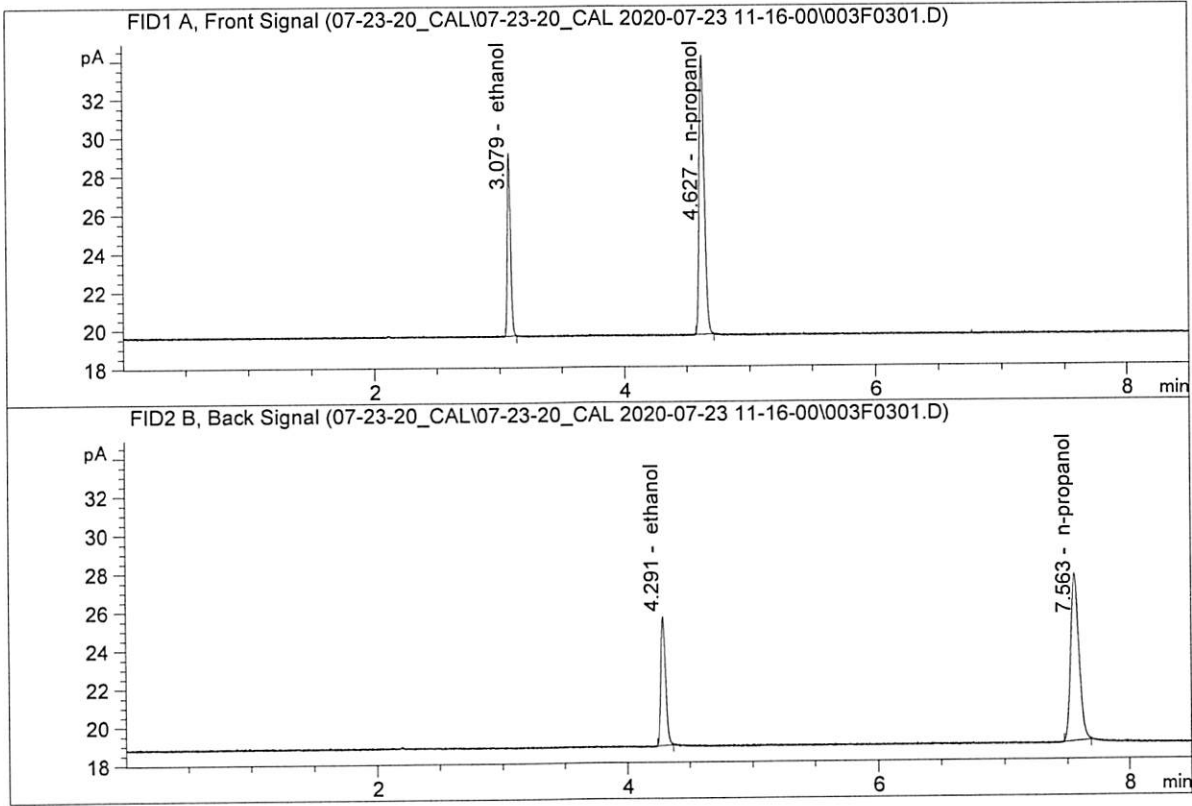


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.46122	0.0998	g/100cc
2.	Ethanol	Column 2:	8.69182	0.0994	g/100cc
3.	n-Propanol	Column 1:	40.72702	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.86904	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN06231704  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

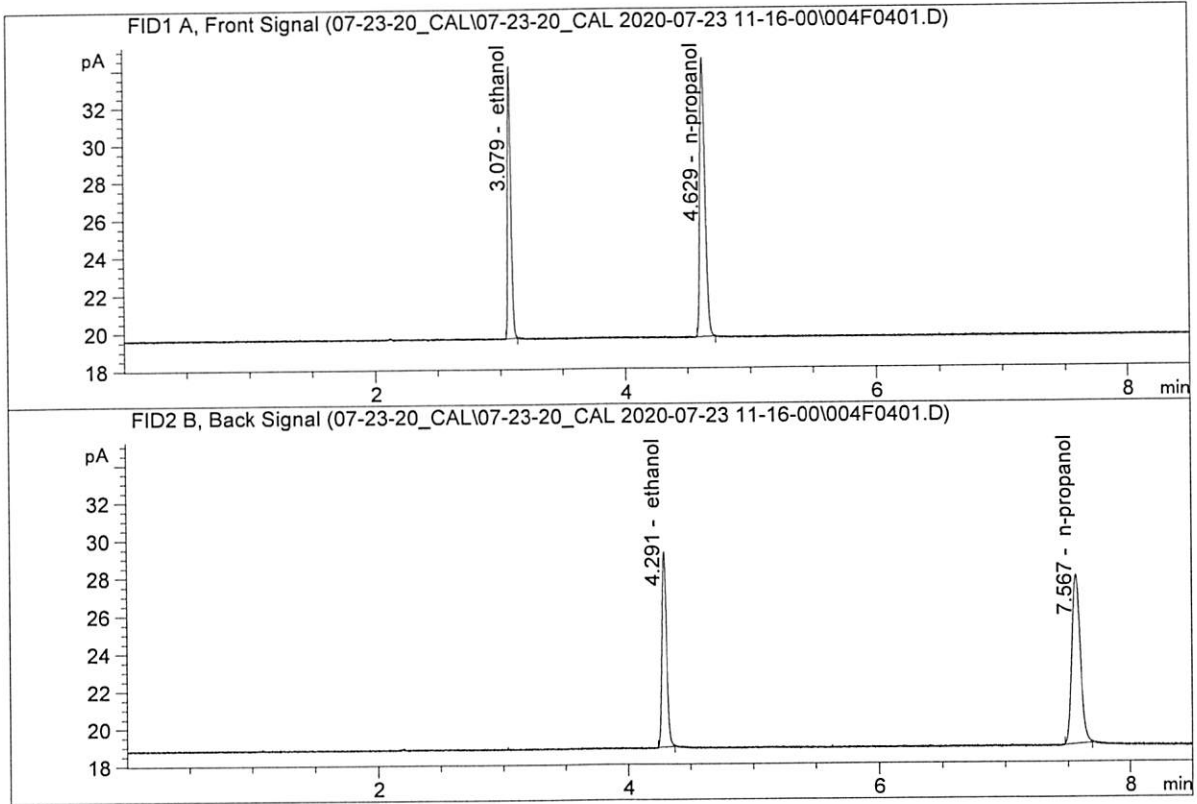


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.23751	0.2005	g/100cc
2.	Ethanol	Column 2:	17.94835	0.1995	g/100cc
3.	n-Propanol	Column 1:	41.13897	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.11242	1.0000	g/100cc

*NB*

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN07311804  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



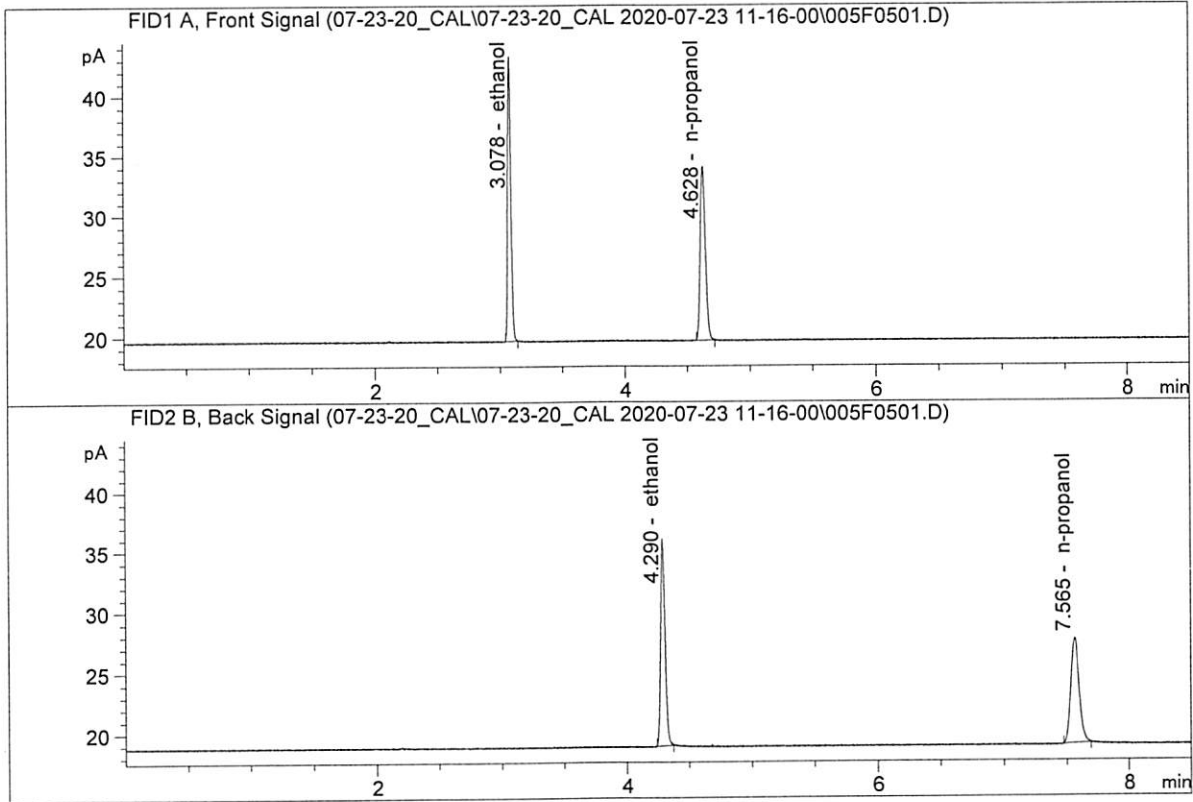
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.33795	0.2985	g/100cc
2.	Ethanol	Column 2:	27.63737	0.2978	g/100cc
3.	n-Propanol	Column 1:	42.17012	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.10894	1.0000	g/100cc

NB



ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	42.97801	0.5006	g/100cc
2.	Ethanol	Column 2:	45.36103	0.5015	g/100cc
3.	n-Propanol	Column 1:	40.99162	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.75473	1.0000	g/100cc

*NB*

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

Sequence table: C:\Chem32\1\Data\07-23-20\_CAL\07-23-20\_CAL 2020-07-23 11-16-00\07-23-20\_CAL.S  
 Data directory path: C:\Chem32\1\Data\07-23-20\_CAL\07-23-20\_CAL 2020-07-23 11-16-00\  
 Logbook: C:\Chem32\1\Data\07-23-20\_CAL\07-23-20\_CAL 2020-07-23 11-16-00\07-23-20\_CAL.LOG  
 Sequence start: 7/23/2020 11:30:37 AM  
 Sequence Operator: SYSTEM  
 Operator: SYSTEM

Method file name: C:\Chem32\1\Data\07-23-20\_CAL\07-23-20\_CAL 2020-07-23 11-16-00\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 FN08031602	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC1-1

Analysis Date(s): 23 Jul 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0793	0.0802	0.0009	0.0797	0.0002	0.0798
(g/100cc)	0.0794	0.0804	0.0010	0.0799		

**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
0.079	0.075	0.083	0.004

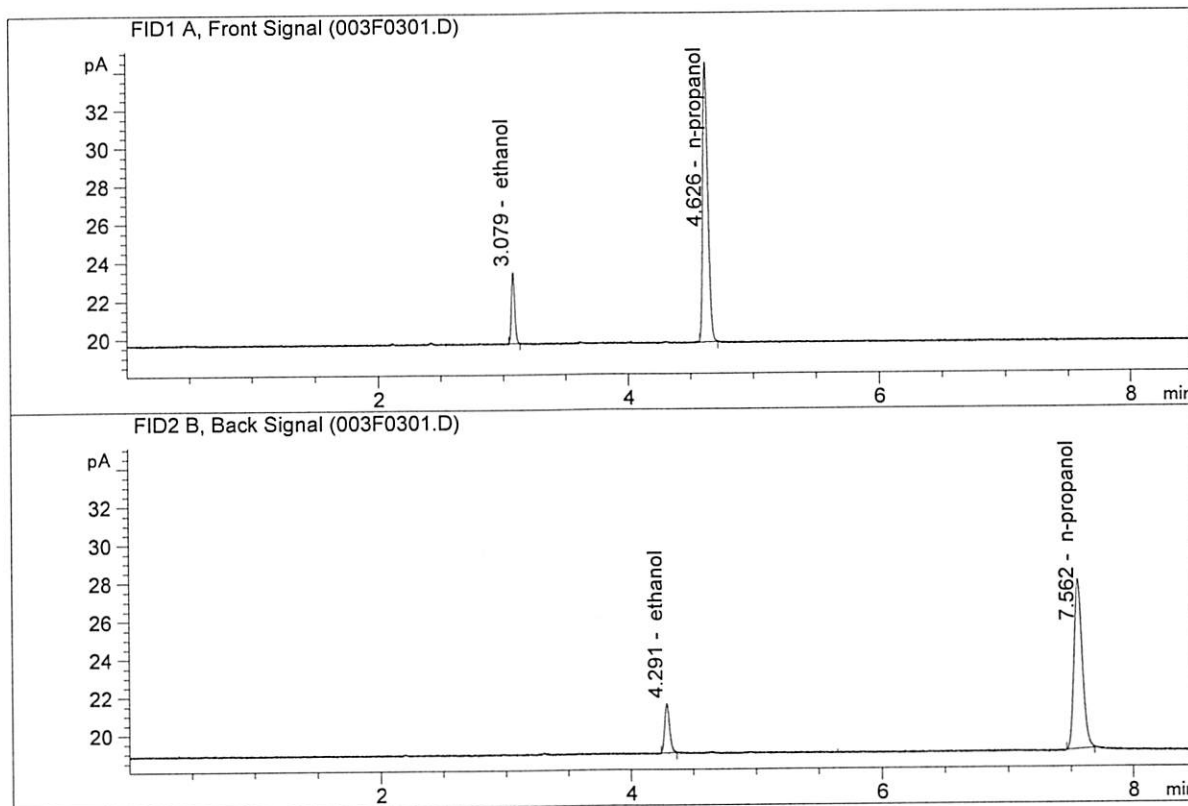
Reported Result	
0.079	

*Calibration and control data are stored centrally.*



ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



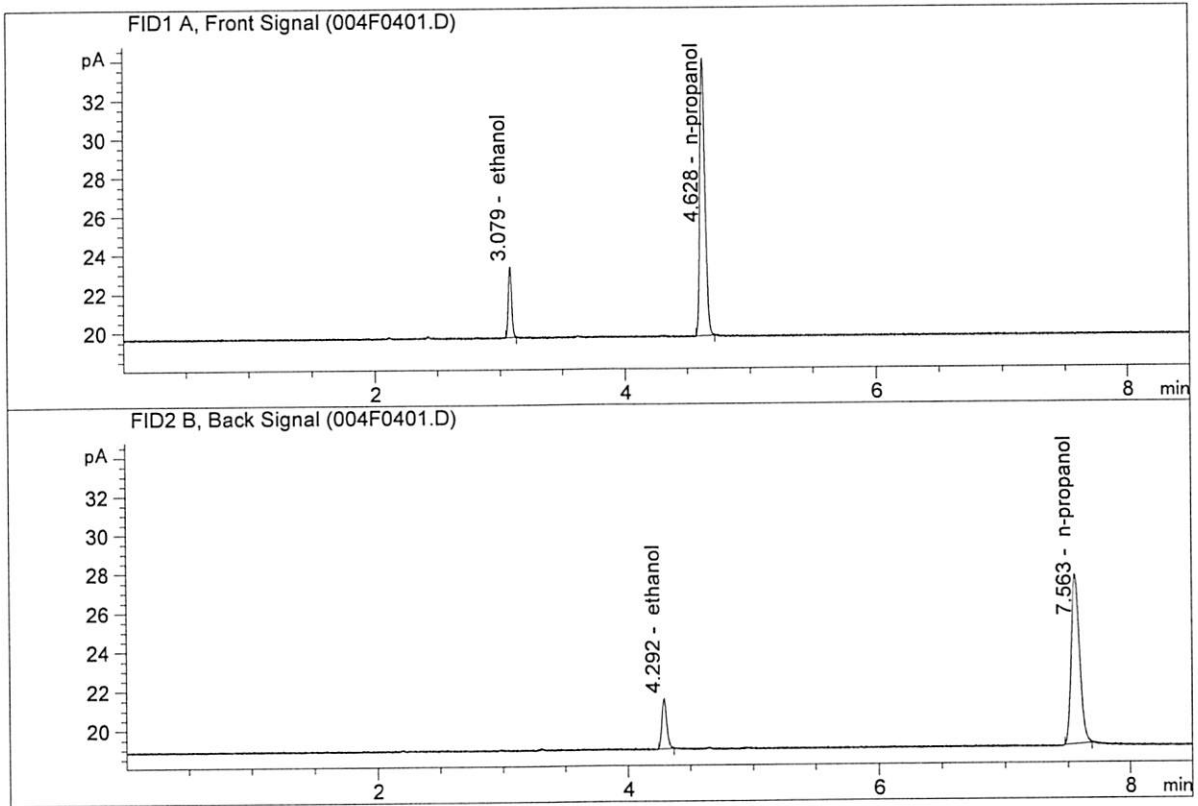
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.88166	0.0793	g/100cc
2.	Ethanol	Column 2:	7.09061	0.0802	g/100cc
3.	n-Propanol	Column 1:	41.79839	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.84507	1.0000	g/100cc

NB



ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.71979	0.0794	g/100cc
2.	Ethanol	Column 2:	6.90875	0.0804	g/100cc
3.	n-Propanol	Column 1:	40.73078	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.64781	1.0000	g/100cc

*MS*

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC1-2

Analysis Date(s): 23 Jul 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0813	0.0816	0.0003	0.0814	0.0002	0.0813
(g/100cc)	0.0813	0.0812	0.0001	0.0812		

**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%**

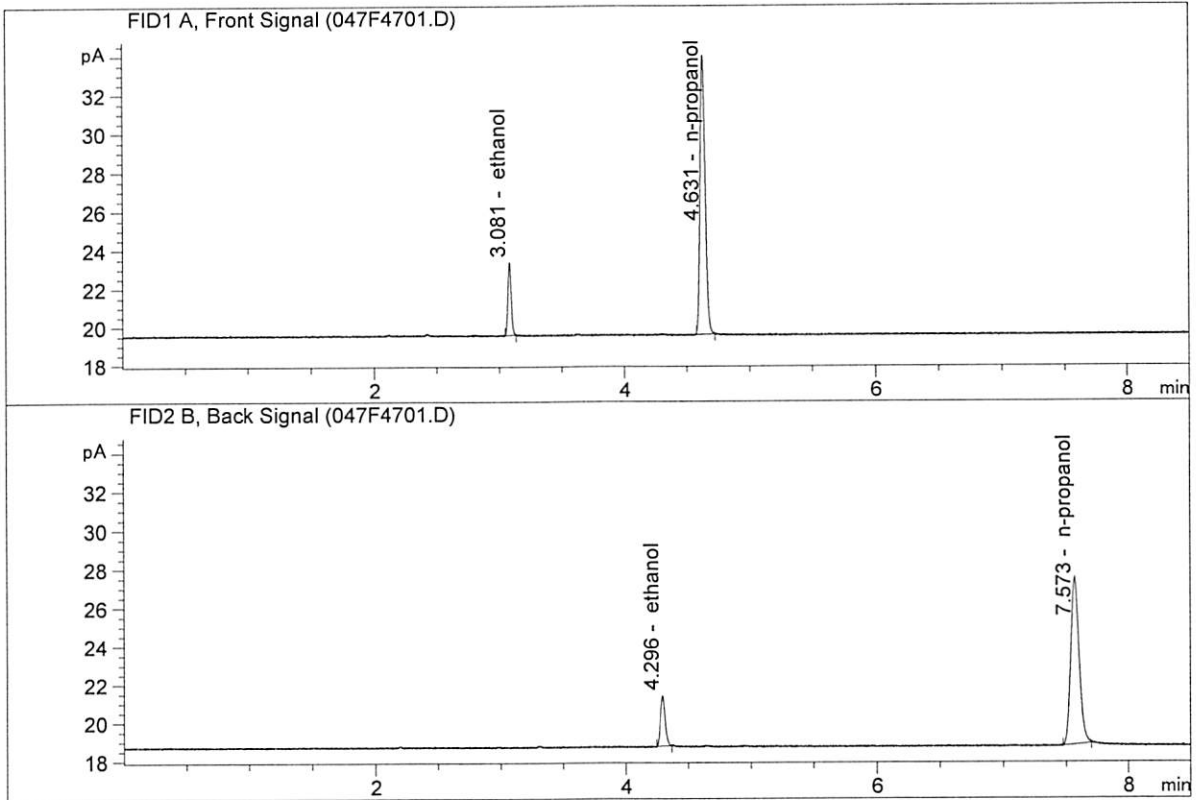
Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	0.076	0.086	0.005

Reported Result	
0.081	

*Calibration and control data are stored centrally.*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

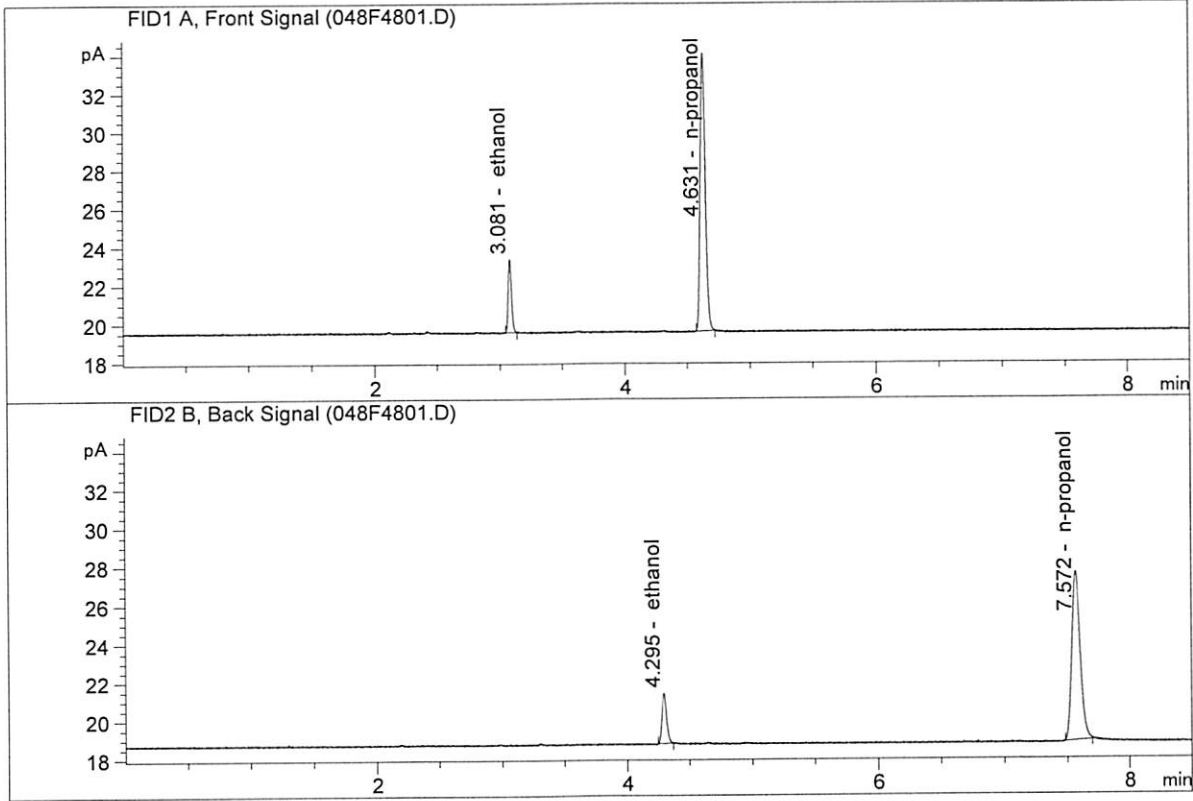


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.93466	0.0813	g/100cc
2.	Ethanol	Column 2:	7.10541	0.0816	g/100cc
3.	n-Propanol	Column 1:	41.07914	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.16248	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.96809	0.0813	g/100cc
2.	Ethanol	Column 2:	7.07441	0.0812	g/100cc
3.	n-Propanol	Column 1:	41.27270	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.15423	1.0000	g/100cc

NB



**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC2-1

Analysis Date(s): 23 Jul 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2001	0.1993	0.0008	0.1997	0.0003	0.1995
(g/100cc)	0.1995	0.1994	0.0001	0.1994		

**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
0.199	0.189	0.209	0.010

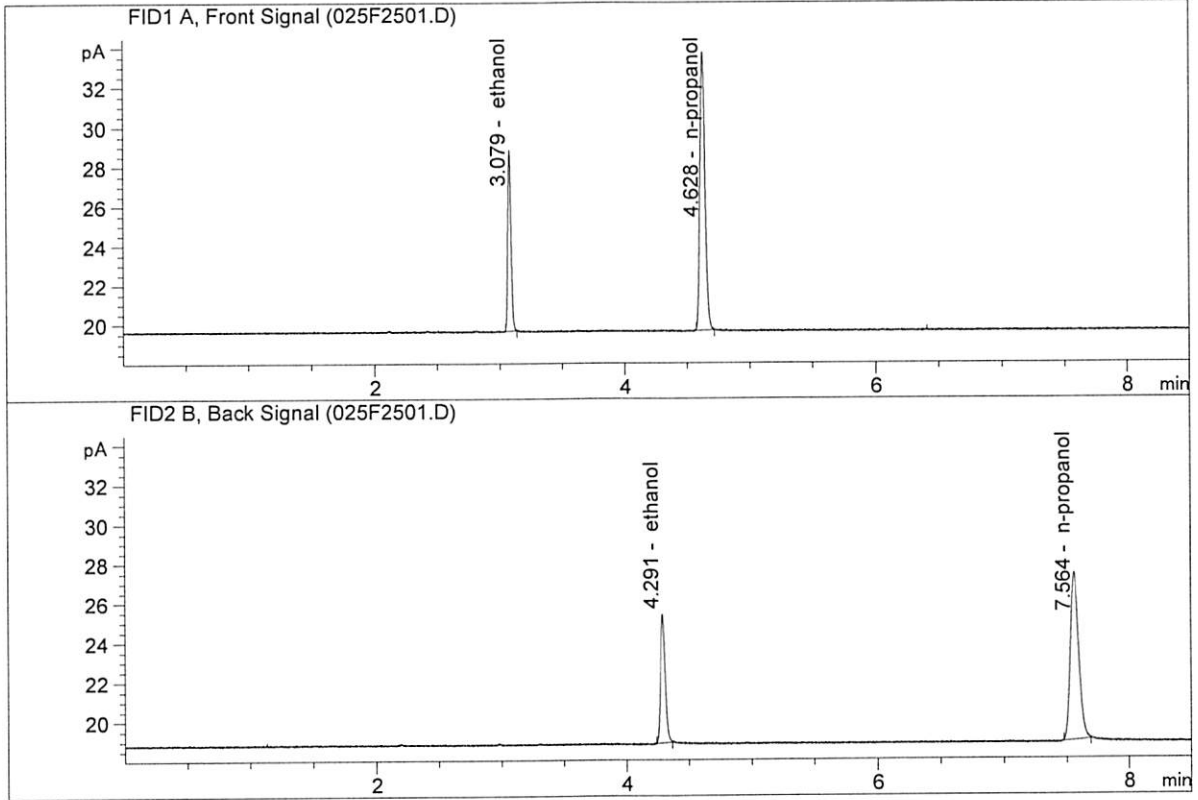
	Reported Result
	0.199

*Calibration and control data are stored centrally.*

*NB*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

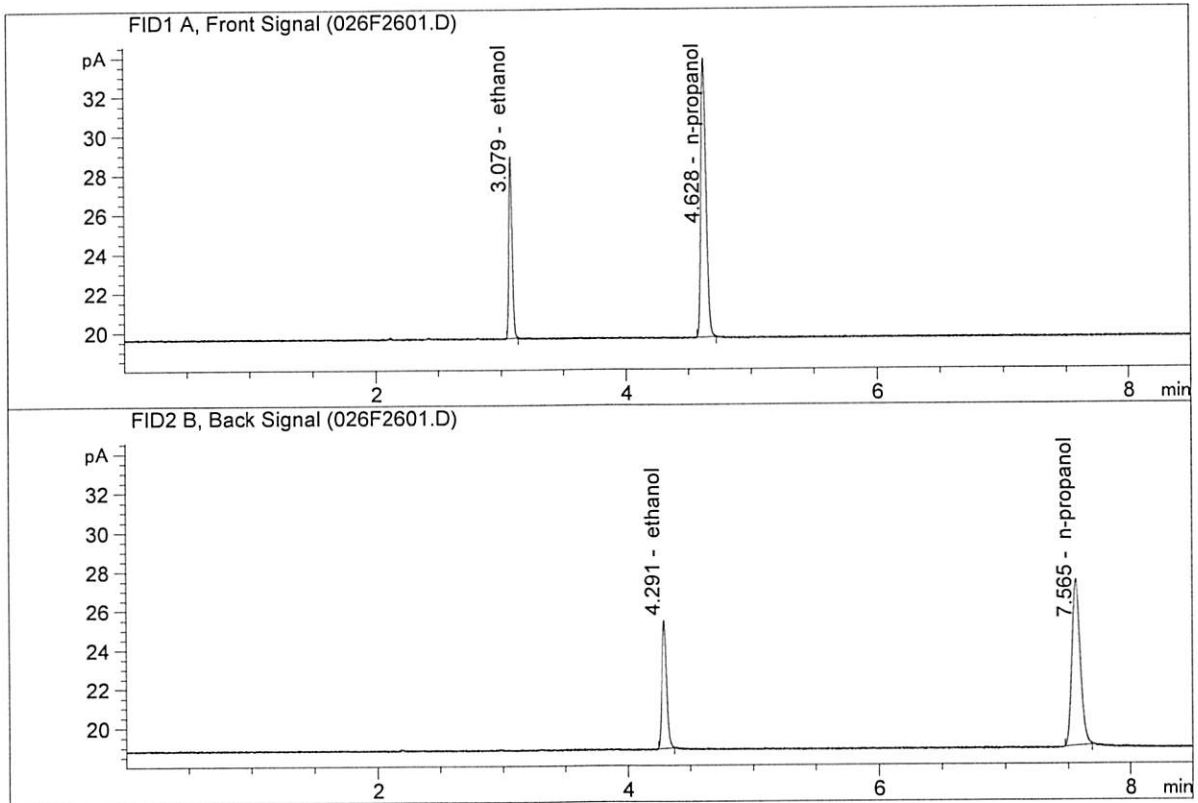


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.71869	0.2001	g/100cc
2.	Ethanol	Column 2:	17.34443	0.1993	g/100cc
3.	n-Propanol	Column 1:	39.98624	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.72048	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.82982	0.1995	g/100cc
2.	Ethanol	Column 2:	17.46814	0.1994	g/100cc
3.	n-Propanol	Column 1:	40.38577	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.99238	1.0000	g/100cc

NB

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC2-2

Analysis Date(s): 24 Jul 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1999	0.1986	0.0013	0.1992	0.0045	0.2015
(g/100cc)	0.2046	0.2029	0.0017	0.2037		

**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
0.201	0.190	0.212	0.011

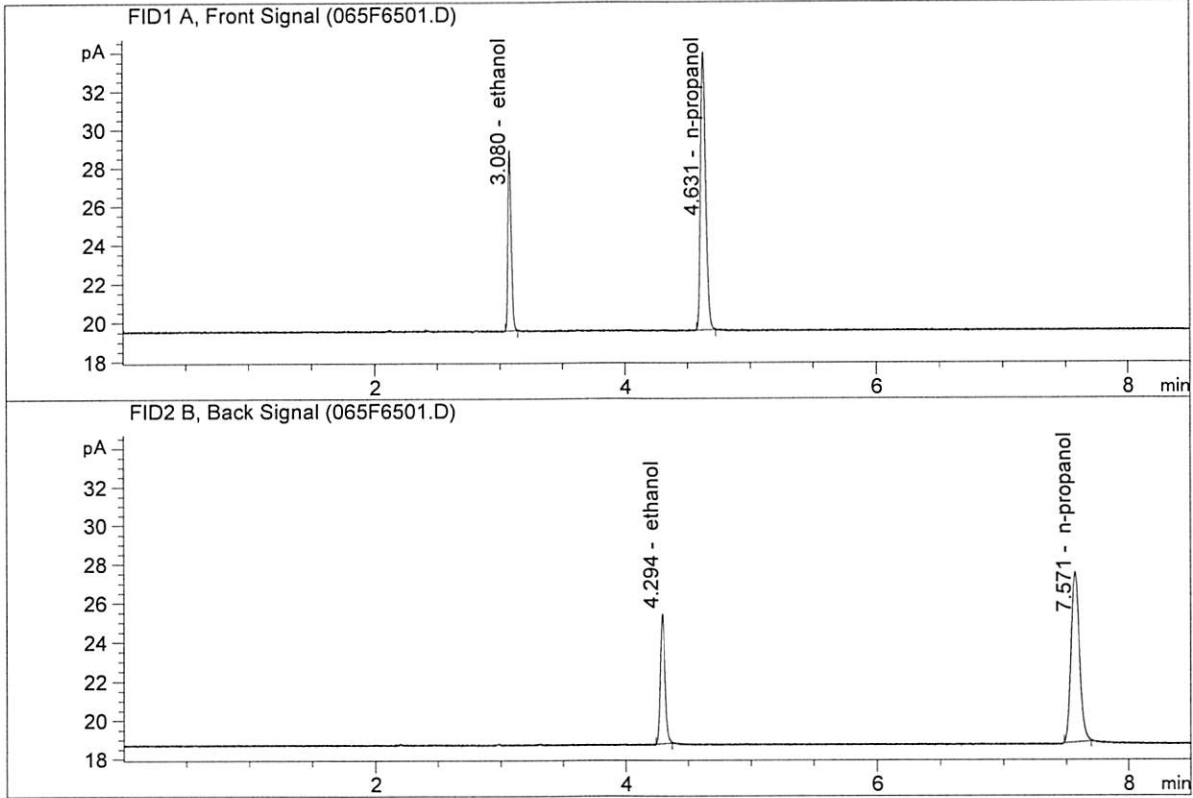
	Reported Result	
	0.201	

*Calibration and control data are stored centrally.*

*NB*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A  
 Laboratory : Meridian  
 Injection Date : Jul 24, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



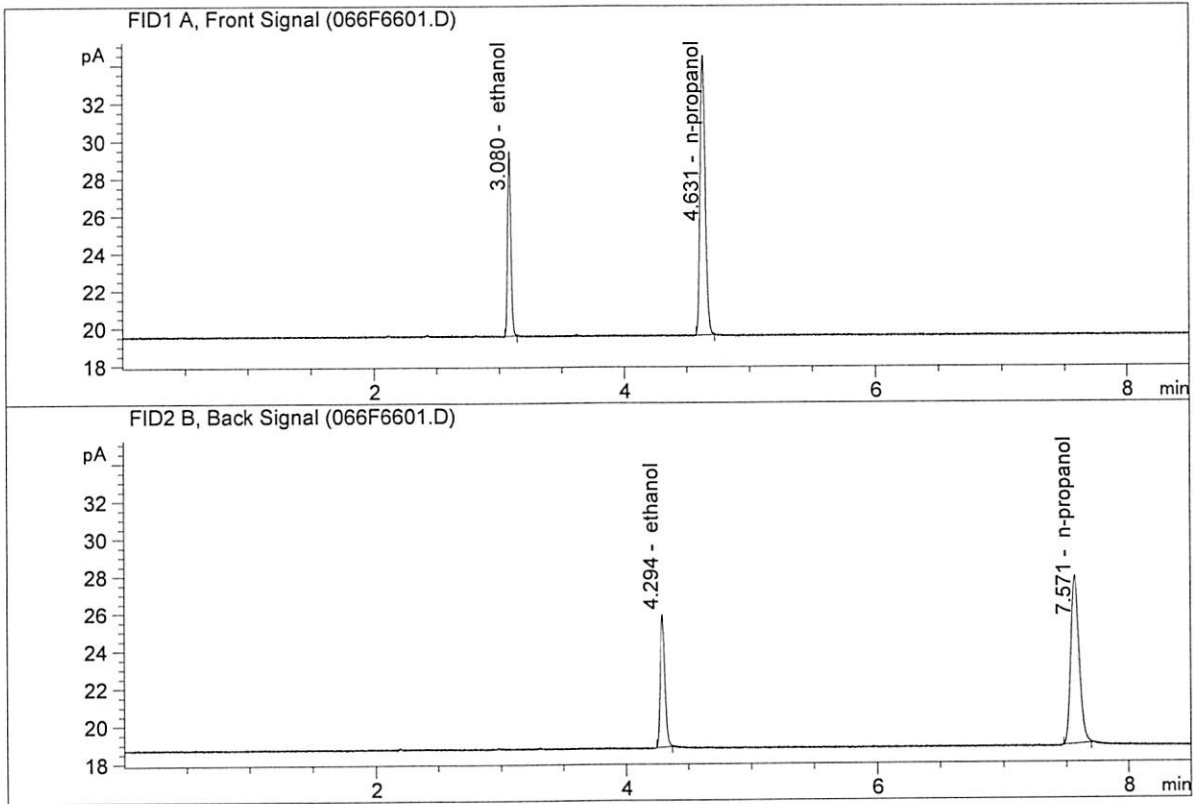
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.12752	0.1999	g/100cc
2.	Ethanol	Column 2:	17.76409	0.1986	g/100cc
3.	n-Propanol	Column 1:	41.01706	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.86979	1.0000	g/100cc

NB



ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B  
 Laboratory : Meridian  
 Injection Date : Jul 24, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.14544	0.2046	g/100cc
2.	Ethanol	Column 2:	18.82118	0.2029	g/100cc
3.	n-Propanol	Column 1:	42.45087	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.38736	1.0000	g/100cc

*RB*

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701

Analysis Date(s): 23 Jul 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0807	0.0812	0.0005	0.0809	0.0001	0.0809
(g/100cc)	0.0808	0.0812	0.0004	0.0810		

**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
0.080	0.076	0.084	0.004

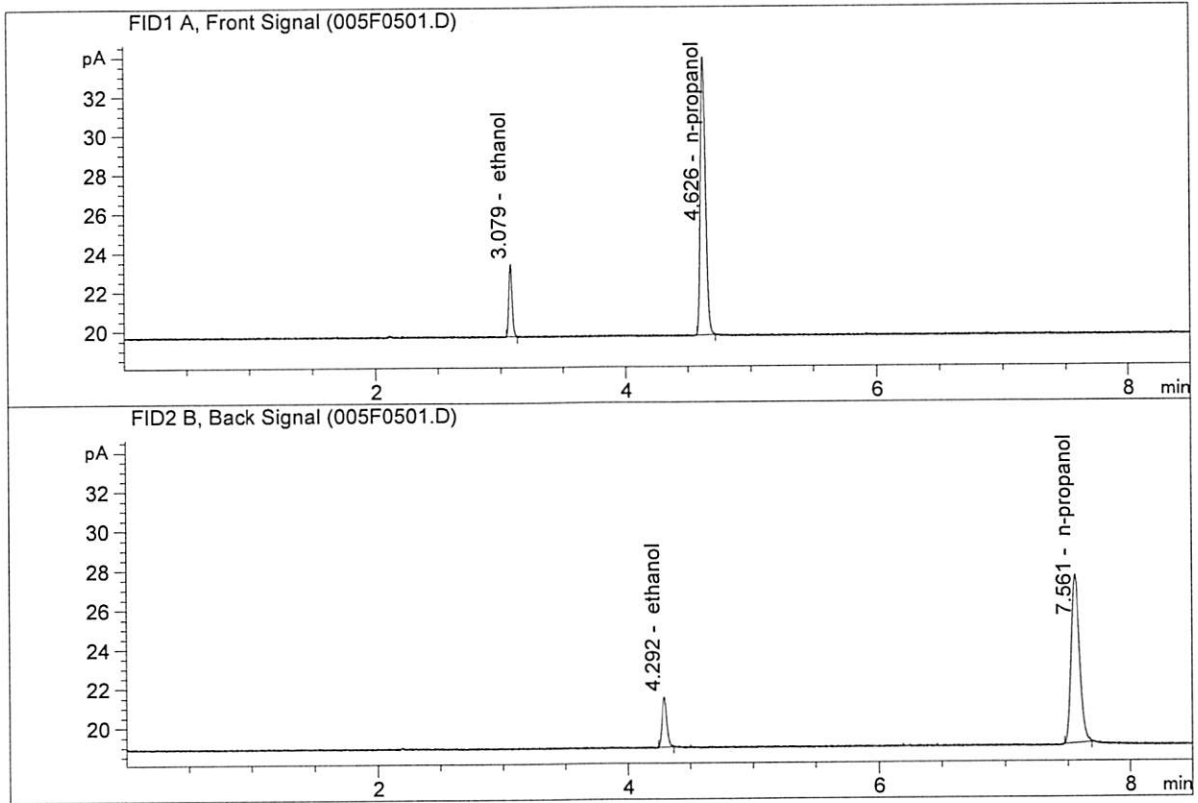
	<b>Reported Result</b>	
	0.080	

*Calibration and control data are stored centrally.*

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014 - CN11041167

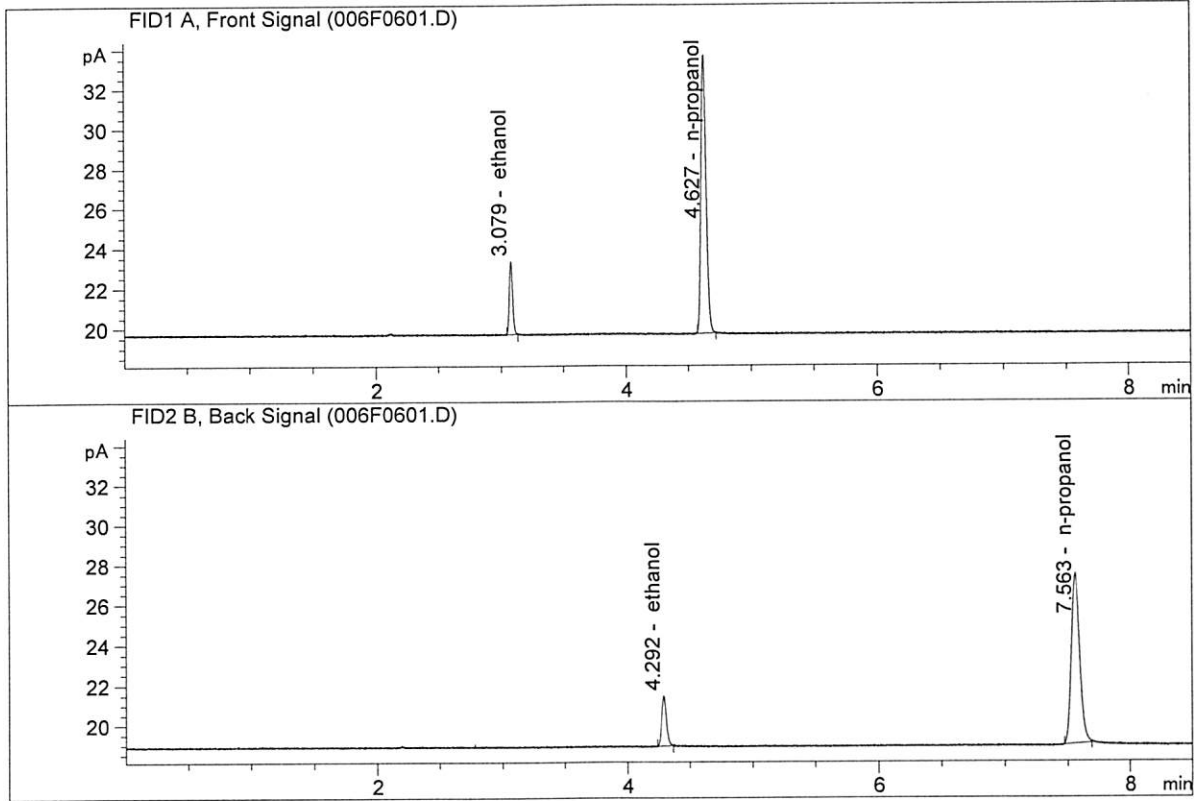


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.78117	0.0807	g/100cc
2.	Ethanol	Column 2:	6.92475	0.0812	g/100cc
3.	n-Propanol	Column 1:	40.44213	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.26841	1.0000	g/100cc

*NB*

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

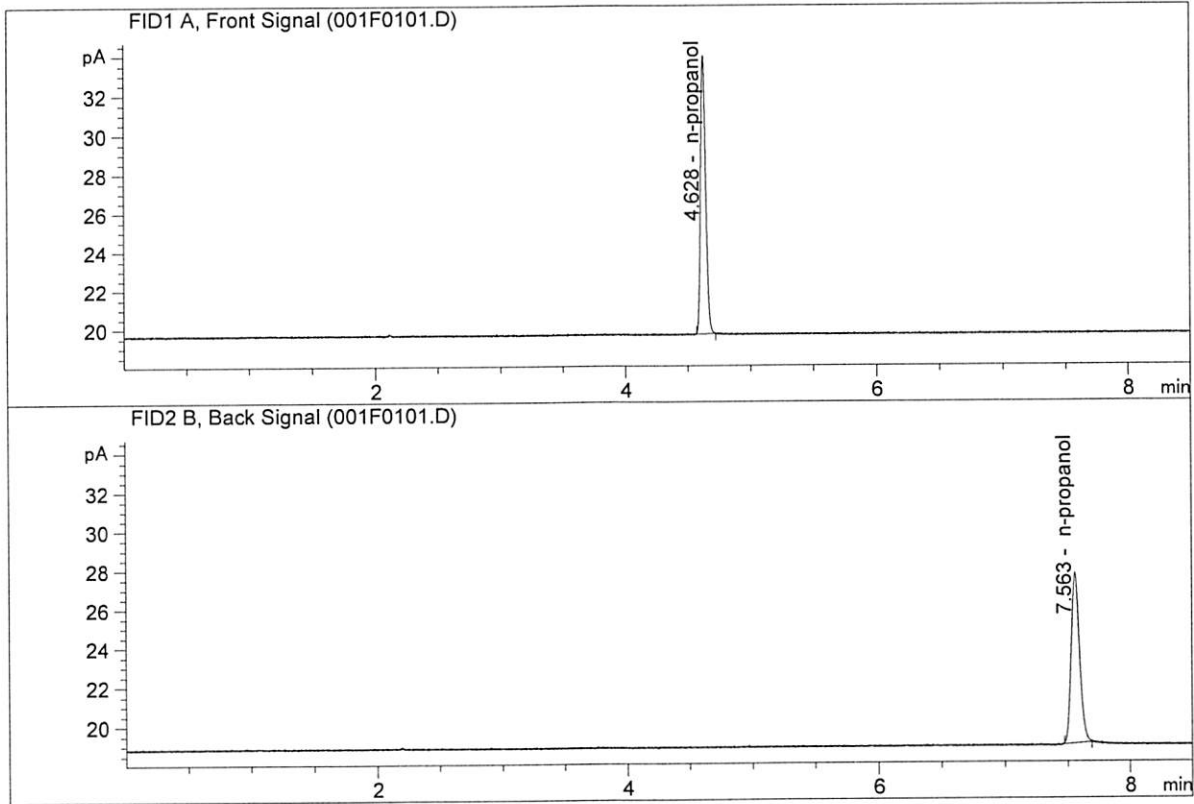


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.66851	0.0808	g/100cc
2.	Ethanol	Column 2:	6.80775	0.0812	g/100cc
3.	n-Propanol	Column 1:	39.73798	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.60258	1.0000	g/100cc

MB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



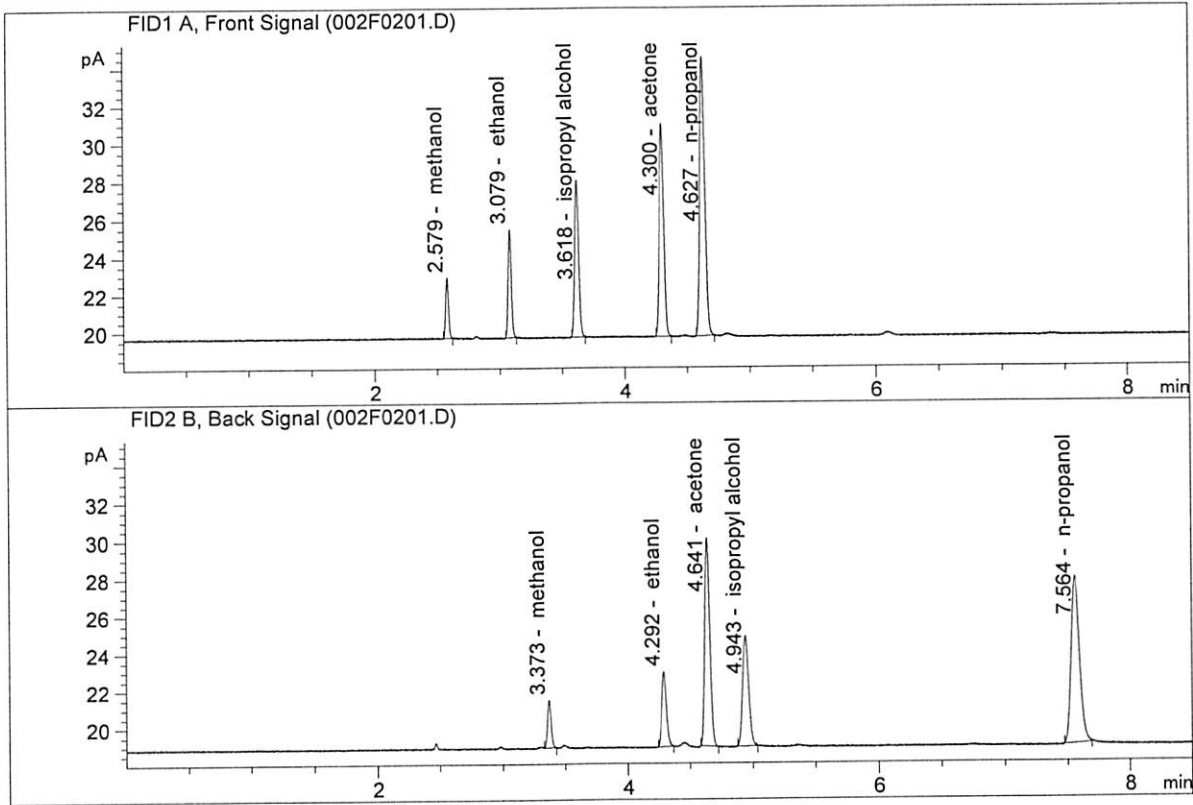
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.74401	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.13025	1.0000	g/100cc

NB



ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502  
 Laboratory : Meridian  
 Injection Date : Jul 23, 2020  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

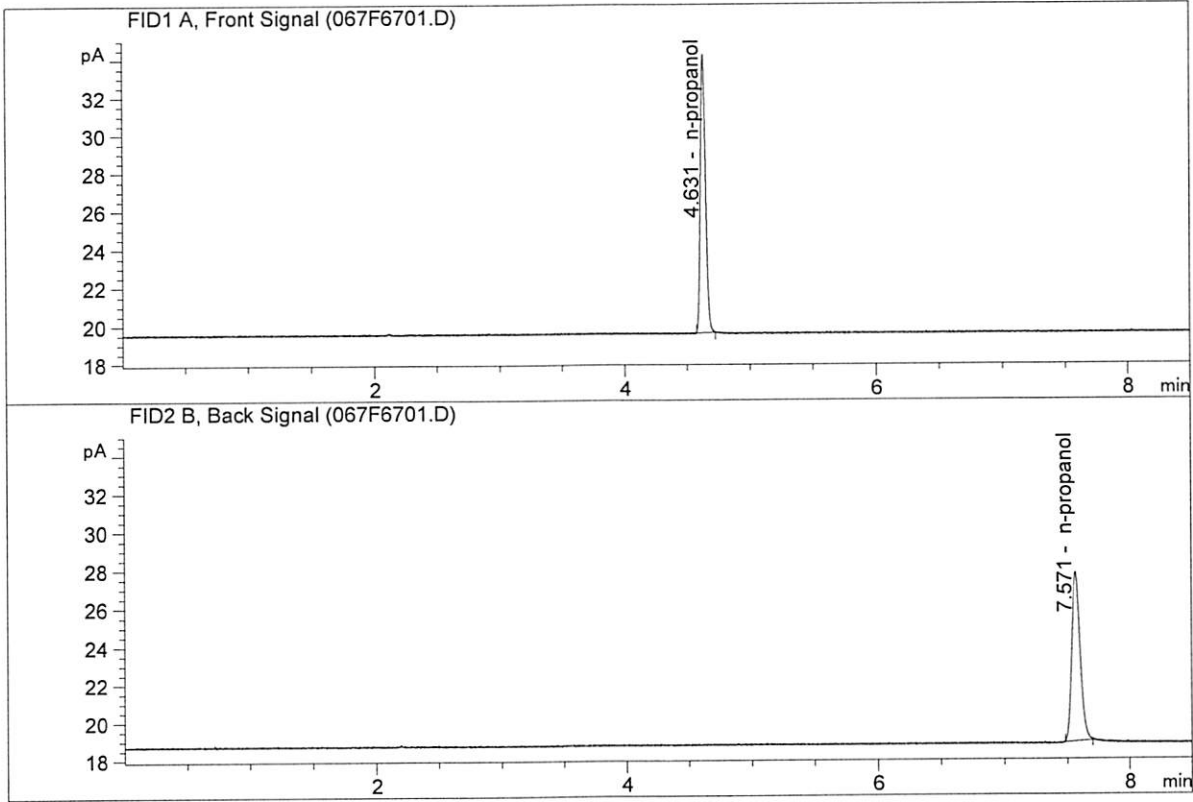


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	10.27129	0.1178	g/100cc
2.	Ethanol	Column 2:	10.65738	0.1179	g/100cc
3.	n-Propanol	Column 1:	41.84792	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.96883	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK  
 Laboratory : Meridian  
 Injection Date : Jul 24, 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:	41.81434	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.76013	1.0000	g/100cc

RB

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

Sequence table: C:\Chem32\1\Data\07-23-20\_SAMPLES\07-23-20\_SAMPLES 2020-07-23 14-49-47\07-23-20\_SAMPLES.S  
 Data directory path: C:\Chem32\1\Data\07-23-20\_SAMPLES\07-23-20\_SAMPLES 2020-07-23 14-49-47\  
 Logbook: C:\Chem32\1\Data\07-23-20\_SAMPLES\07-23-20\_SAMPLES 2020-07-23 14-49-47\07-23-20\_SAMPLES.LOG  
 Sequence start: 7/23/2020 3:04:37 PM  
 Sequence Operator: SYSTEM  
 Operator: SYSTEM  
 Method file name: C:\Chem32\1\Data\07-23-20\_SAMPLES\07-23-20\_SAMPLES 2020-07-23 14-49-47\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	C2020-1394-1-A	-	1.0000	007F0701.D	4
8	8	1	C2020-1394-1-B	-	1.0000	008F0801.D	4
9	9	1	C2020-1406-1-A	-	1.0000	009F0901.D	4
10	10	1	C2020-1406-1-B	-	1.0000	010F1001.D	4
11	11	1	C2020-1407-1-A	-	1.0000	011F1101.D	4
12	12	1	C2020-1407-1-B	-	1.0000	012F1201.D	4
13	13	1	C2020-1410-1-A	-	1.0000	013F1301.D	4
14	14	1	C2020-1410-1-B	-	1.0000	014F1401.D	4
15	15	1	M2020-2730-1-A	-	1.0000	015F1501.D	4
16	16	1	M2020-2730-1-B	-	1.0000	016F1601.D	4
17	17	1	M2020-2731-1-A	-	1.0000	017F1701.D	4
18	18	1	M2020-2731-1-B	-	1.0000	018F1801.D	4
19	19	1	M2020-2762-1-A	-	1.0000	019F1901.D	4
20	20	1	M2020-2762-1-B	-	1.0000	020F2001.D	4
21	21	1	M2020-2785-1-A	-	1.0000	021F2101.D	4
22	22	1	M2020-2785-1-B	-	1.0000	022F2201.D	4
23	23	1	M2020-2793-1-A	-	1.0000	023F2301.D	2
24	24	1	M2020-2793-1-B	-	1.0000	024F2401.D	2
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	M2020-2794-1-A	-	1.0000	027F2701.D	3
28	28	1	M2020-2794-1-B	-	1.0000	028F2801.D	3
29	29	1	M2020-2802-1-A	-	1.0000	029F2901.D	2
30	30	1	M2020-2802-1-B	-	1.0000	030F3001.D	2
31	31	1	M2020-2803-1-A	-	1.0000	031F3101.D	4
32	32	1	M2020-2803-1-B	-	1.0000	032F3201.D	4
33	33	1	M2020-2804-1-A	-	1.0000	033F3301.D	4
34	34	1	M2020-2804-1-B	-	1.0000	034F3401.D	4
35	35	1	M2020-2805-1-A	-	1.0000	035F3501.D	4
36	36	1	M2020-2805-1-B	-	1.0000	036F3601.D	4
37	37	1	M2020-2811-1-A	-	1.0000	037F3701.D	2
38	38	1	M2020-2811-1-B	-	1.0000	038F3801.D	2
39	39	1	M2020-2829-1-A	-	1.0000	039F3901.D	4
40	40	1	M2020-2829-1-B	-	1.0000	040F4001.D	4
41	41	1	P2020-1754-1-A	-	1.0000	041F4101.D	5
42	42	1	P2020-1754-1-B	-	1.0000	042F4201.D	5
43	43	1	P2020-2077-1-A	-	1.0000	043F4301.D	2

*Need to be repeated  
 NB 7/24/20*

*NB*

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	P2020-2077-1-B	-	1.0000	044F4401.D	2
45	45	1	P2020-2077-2-A	-	1.0000	045F4501.D	2
46	46	1	P2020-2077-2-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	P2020-2077-3-A	-	1.0000	049F4901.D	2
50	50	1	P2020-2077-3-B	-	1.0000	050F5001.D	2
51	51	1	P2020-2108-1-A	-	1.0000	051F5101.D	2
52	52	1	P2020-2108-1-B	-	1.0000	052F5201.D	2
53	53	1	P2020-2115-1-A	-	1.0000	053F5301.D	2
54	54	1	P2020-2115-1-B	-	1.0000	054F5401.D	2
55	55	1	P2020-2129-1-A	-	1.0000	055F5501.D	4
56	56	1	P2020-2129-1-B	-	1.0000	056F5601.D	4
57	57	1	P2020-2149-1-A	-	1.0000	057F5701.D	4
58	58	1	P2020-2149-1-B	-	1.0000	058F5801.D	4
59	59	1	P2020-2150-1-A	-	1.0000	059F5901.D	6
60	60	1	P2020-2150-1-B	-	1.0000	060F6001.D	6
61	61	1	P2020-2151-1-A	-	1.0000	061F6101.D	4
62	62	1	P2020-2151-1-B	-	1.0000	062F6201.D	4
63	63	1	P2020-2153-2-A	-	1.0000	063F6301.D	4
64	64	1	P2020-2153-2-B	-	1.0000	064F6401.D	4
65	65	1	QC2-2-A	-	1.0000	065F6501.D	4
66	66	1	QC2-2-B	-	1.0000	066F6601.D	4
67	67	1	INTERNAL STD BLK	-	1.0000	067F6701.D	2

Method file name: C:\Chem32\1\Data\07-23-20\_SAMPLES\07-23-20\_SAMPLES 2020-07-23 14-49-47 \SHUTDOWN.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
68	68	1	EMPTY	-	1.0000	068F6801.D	0

*NB*