

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls Run Date(s): 7/19/19

Calibration Date: 7/19/19

Control Level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0786 g/100cc
					0.0815 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2054 g/100cc
					g/100cc
					g/100cc
Multi-Component mixture:		Sep-20	Lot #	FN06041502	ok
Curve Fit:		Column 1	1.00000	Column 2	0.99997

Ethanol Calibration Reference Material						
Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0503	0.0516	0.0013	0.0509
100	0.100	0.090 - 0.110	0.0997	0.0996	0.0001	0.0996
200	0.200	0.180 - 0.220	0.2000	0.1991	0.0009	0.1995
300	0.300	0.270 - 0.330	0.2999	0.2984	0.0015	0.2991
500	0.500	0.450 - 0.550	0.5001	0.5012	0.0011	0.5006

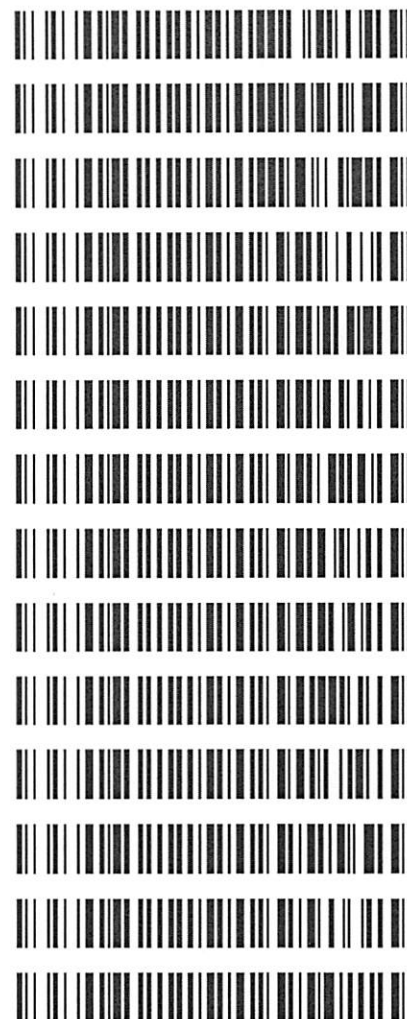
Aqueous Controls			
Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.080 g/100cc

**REVIEWED**

By Rachel Cutler at 9:06 am, Jul 23, 2019

**Worklist: 3554**

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
M2019-3066	1	156513	Alcohol Analysis
M2019-3143	1	156951	Alcohol Analysis
M2019-3144	1	156955	Alcohol Analysis
M2019-3185	1	157260	Alcohol Analysis
M2019-3186	2	157266	Alcohol Analysis
M2019-3187	1	157267	Alcohol Analysis
M2019-3188	1	157268	Alcohol Analysis
M2019-3189	1	157269	Alcohol Analysis
M2019-3190	1	157270	Alcohol Analysis
M2019-3195	1	157344	Alcohol Analysis
M2019-3201	1	157361	Alcohol Analysis
M2019-3238	1	157547	Alcohol Analysis
M2019-3247	1	157558	Alcohol Analysis
M2019-3255	1	157610	Alcohol Analysis



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Calibration Table  
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General Calibration Setting  
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Calib. Data Modified : Friday, July 19, 2019 10:28:16 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	4.49290	1.11287e-2	No	No 1	ethanol
			1.00000e-1	9.08480	1.10074e-2			
			2.00000e-1	18.48556	1.08193e-2			
			3.00000e-1	27.33419	1.09753e-2			
			5.00000e-1	46.12227	1.08408e-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	4.67755	1.06894e-2	No	No 2	ethanol
			1.00000e-1	9.44829	1.05839e-2			
			2.00000e-1	19.39910	1.03098e-2			
			3.00000e-1	28.84432	1.04007e-2			
			5.00000e-1	49.12614	1.01779e-2			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No 1	acetone
4.620	1	1	1.00000	46.49081	2.15096e-2	No	Yes 1	n-propanol
			1.00000	47.11196	2.12260e-2			
			1.00000	47.62738	2.09963e-2			
			1.00000	46.92963	2.13085e-2			
			1.00000	47.44746	2.10759e-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	48.88646	2.04556e-2	No	Yes 2	n-propanol
			1.00000	49.28146	2.02916e-2			
			1.00000	49.61608	2.01548e-2			
			1.00000	48.89425	2.04523e-2			
			1.00000	49.32278	2.02746e-2			

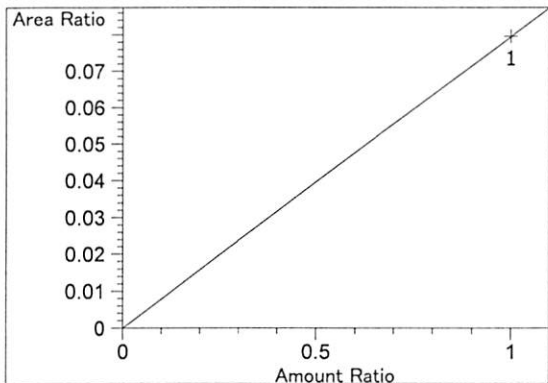
Peak Sum Table

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

1 Warnings or Errors :

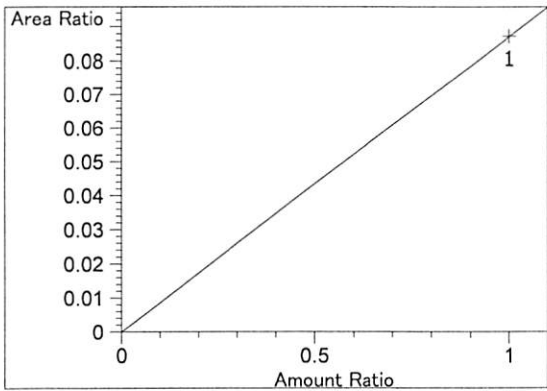
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

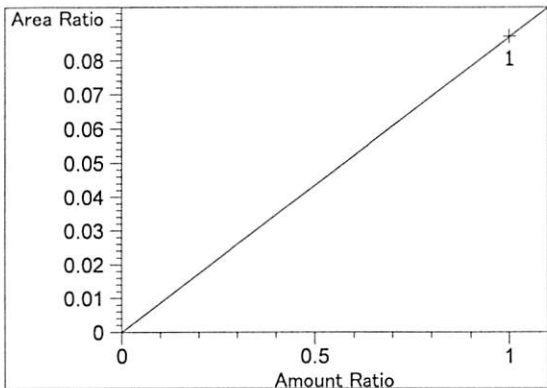


methanol at exp. RT: 2.586  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 7.95145e-2  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

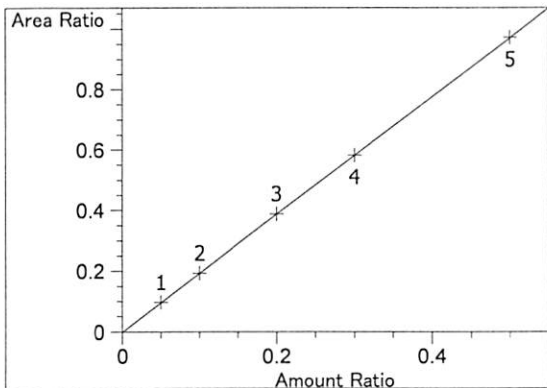
*Handwritten mark*



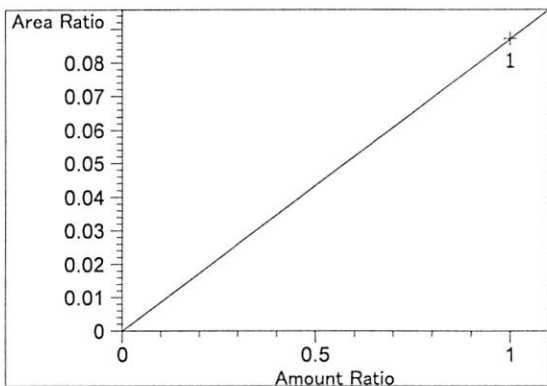
Acetaldehyde at exp. RT: 2.809  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m:  $8.71612e-2$   
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio



Acetaldehyde at exp. RT: 2.977  
 FID2 B, Back Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m:  $8.71612e-2$   
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

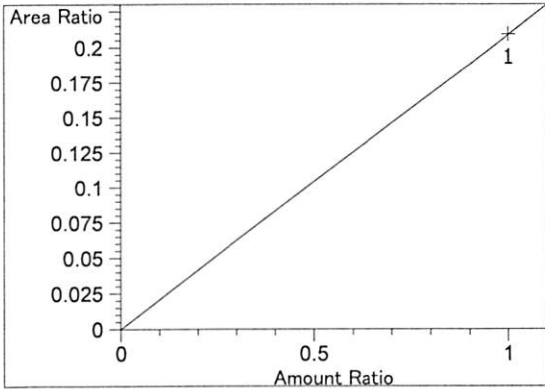


ethanol at exp. RT: 3.075  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00048  
 Formula:  $y = mx + b$   
 m: 1.94627  
 b:  $-1.21777e-3$   
 x: Amount Ratio  
 y: Area Ratio

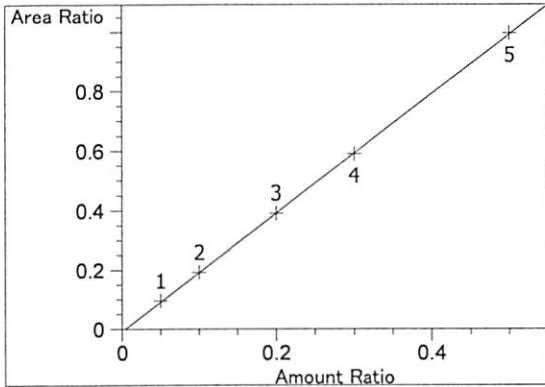


methanol at exp. RT: 3.388  
 FID2 B, Back Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m:  $8.71535e-2$   
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

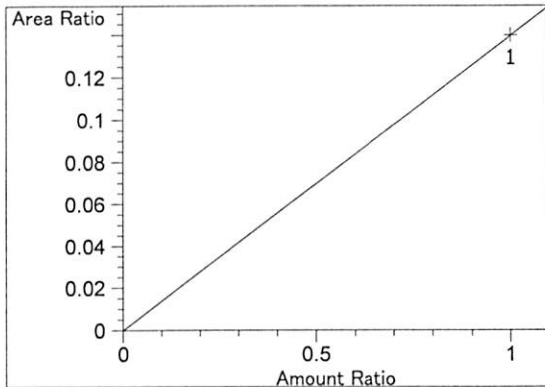
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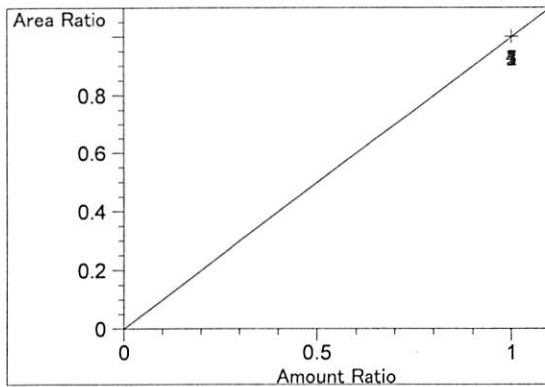
isopropyl alcohol at exp. RT: 3.628  
FID1 A, Front Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 2.09301e-1  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio



ethanol at exp. RT: 4.285  
FID2 B, Back Signal  
Correlation: 0.99997  
Residual Std. Dev.: 0.00318  
Formula:  $y = mx + b$   
m: 2.00268  
b: -7.74957e-3  
x: Amount Ratio  
y: Area Ratio

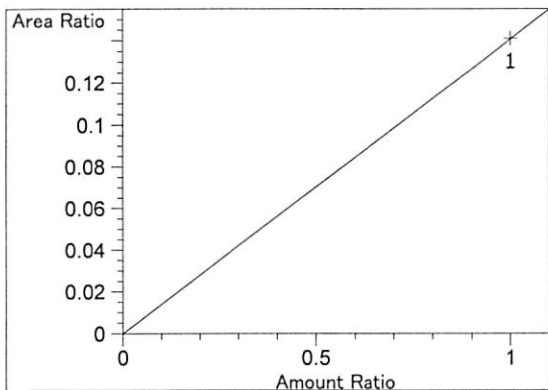


acetone at exp. RT: 4.308  
FID1 A, Front Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 1.39800e-1  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio

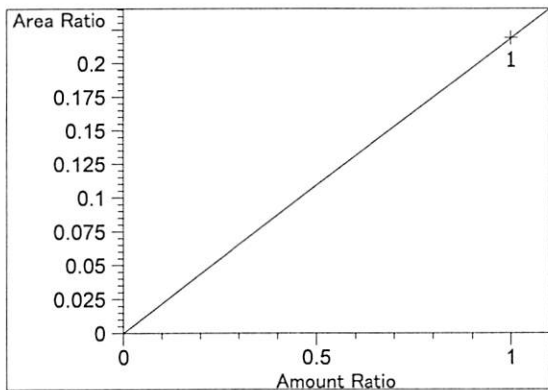


n-propanol at exp. RT: 4.620  
FID1 A, Front Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 1.00000  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio

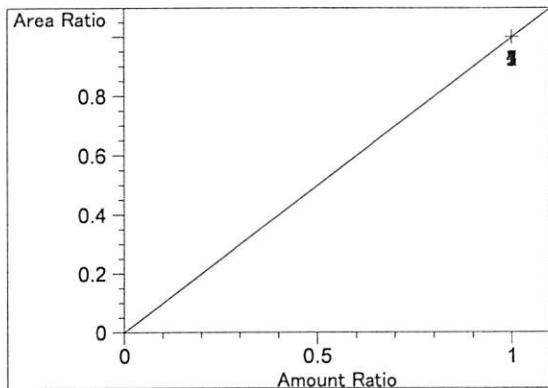
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acetone at exp. RT: 4.661  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 1.41000e-1  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio



isopropyl alcohol at exp. RT: 4.969  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 2.19006e-1  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio



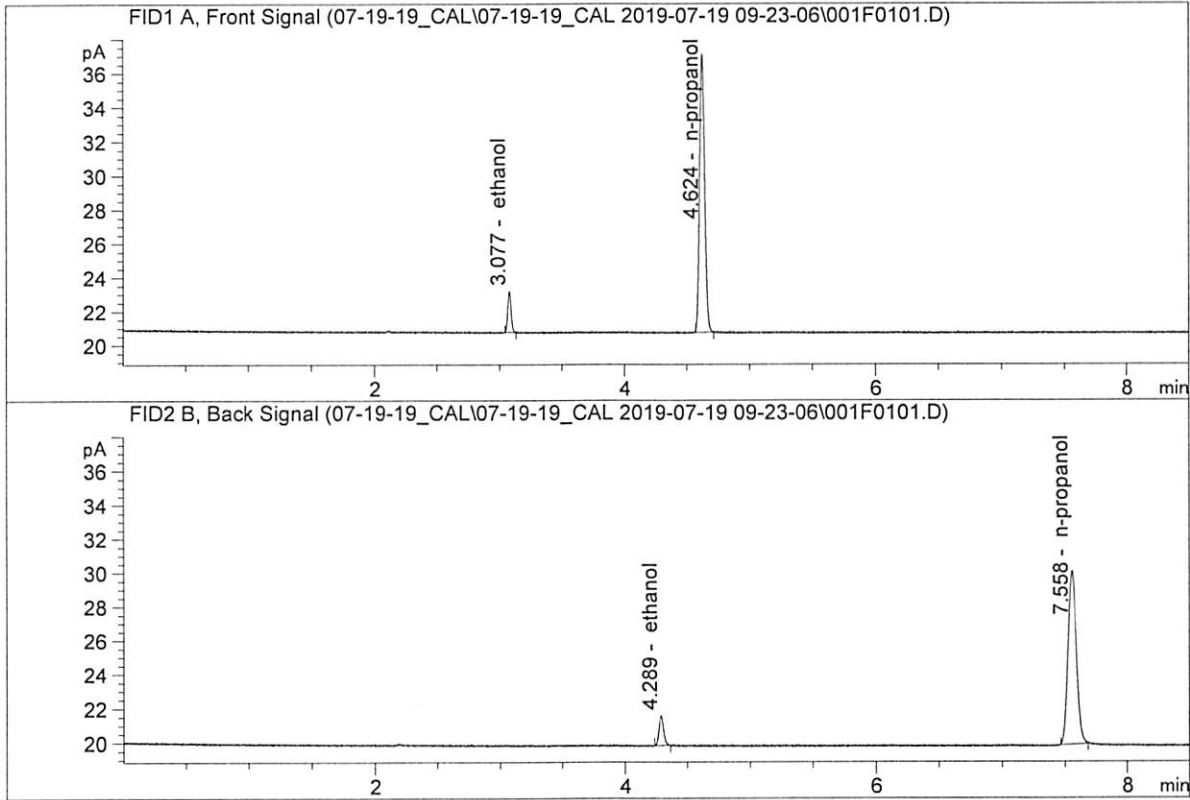
n-propanol at exp. RT: 7.550  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 1.00000  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN04271601  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



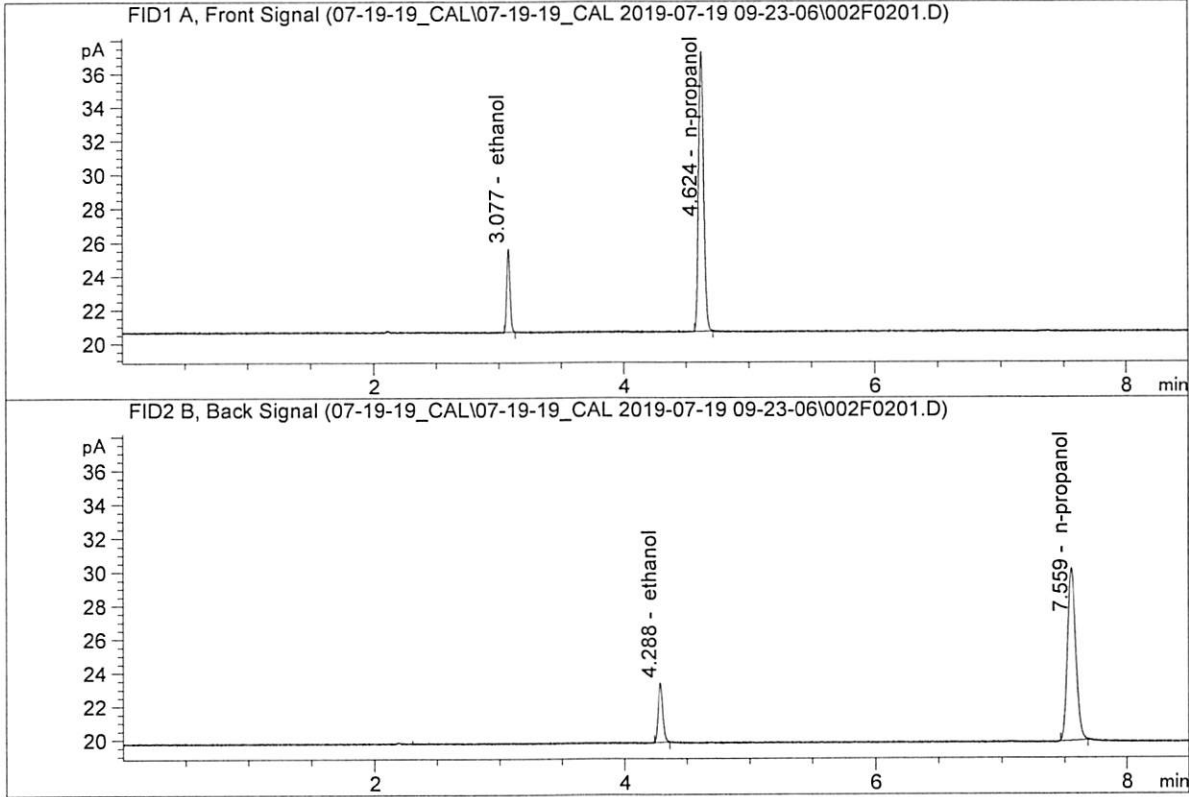
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.49290	0.0503	g/100cc
2.	Ethanol	Column 2:	4.67755	0.0516	g/100cc
3.	n-Propanol	Column 1:	46.49081	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.88646	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN02271802  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

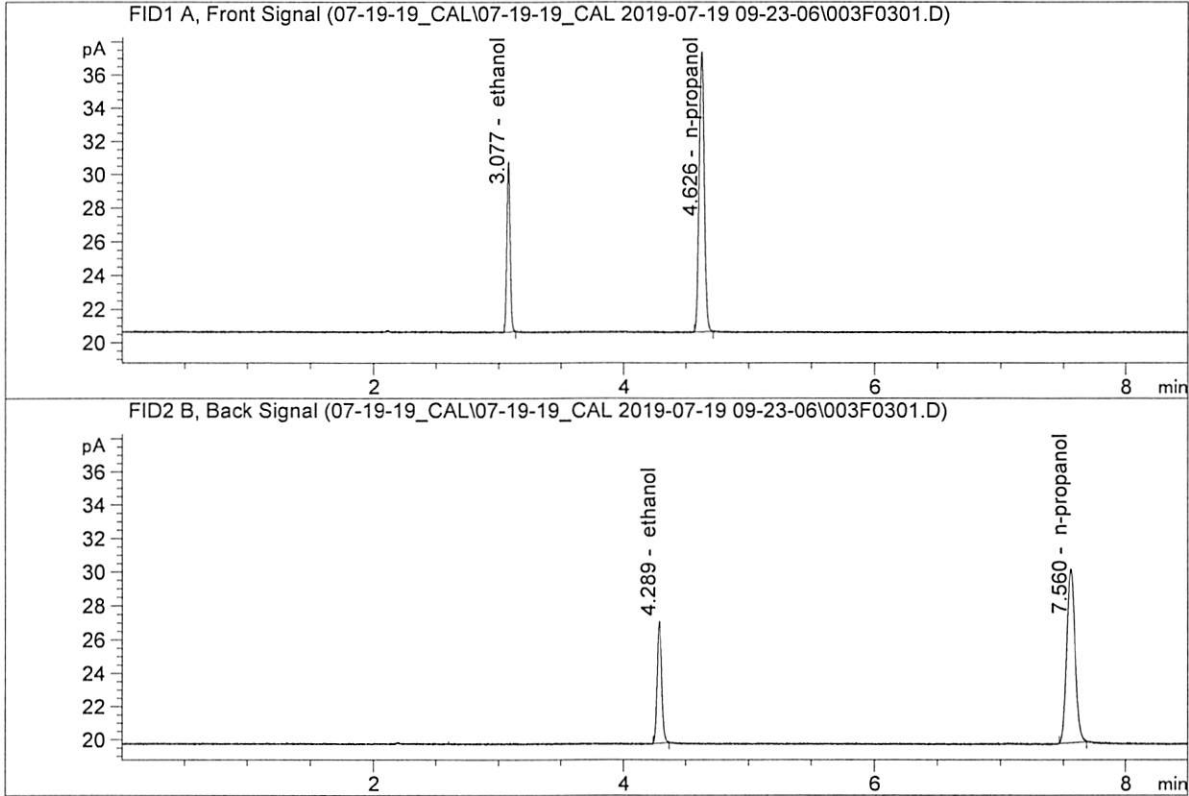


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.08480	0.0997	g/100cc
2.	Ethanol	Column 2:	9.44829	0.0996	g/100cc
3.	n-Propanol	Column 1:	47.11196	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.28146	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

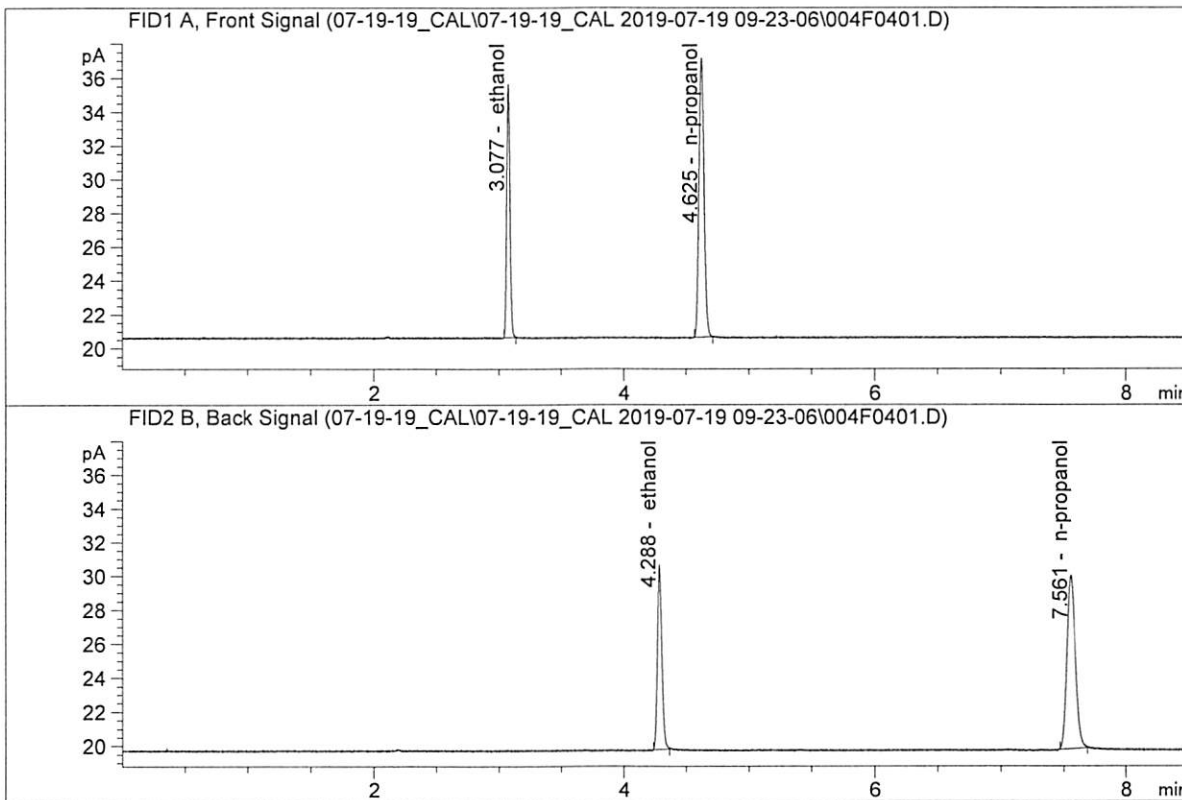
Sample Name : 0.200 FN03301601  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.48556	0.2000	g/100cc
2.	Ethanol	Column 2:	19.39910	0.1991	g/100cc
3.	n-Propanol	Column 1:	47.62738	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.61608	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN07311804  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

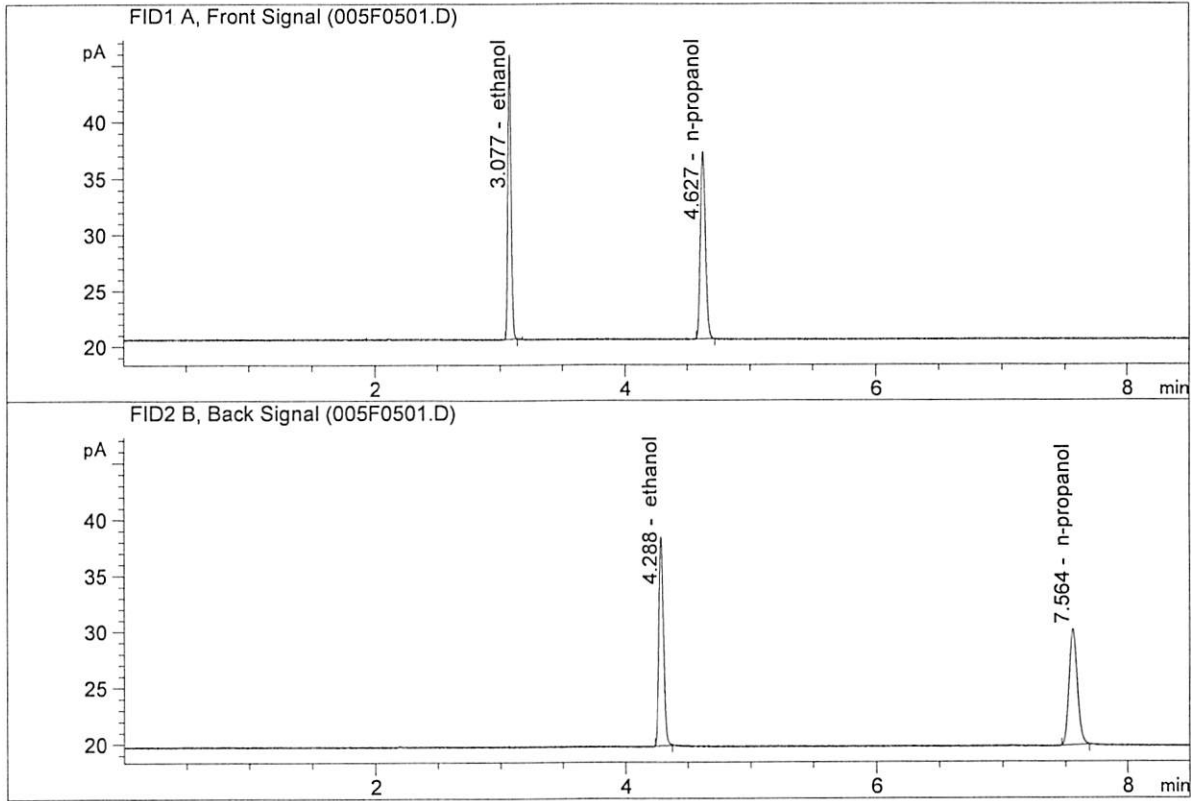


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.33419	0.2999	g/100cc
2.	Ethanol	Column 2:	28.84432	0.2984	g/100cc
3.	n-Propanol	Column 1:	46.92963	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.89425	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

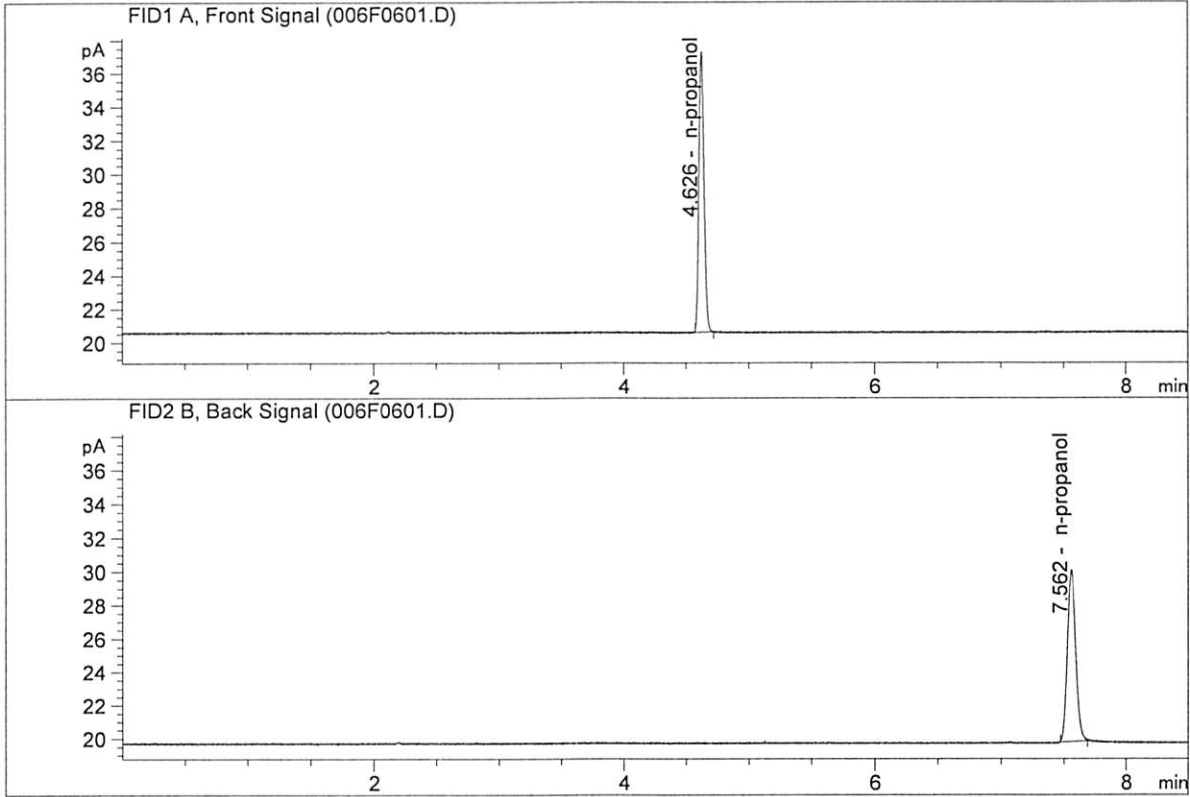
Sample Name : 0.500 FN08031602  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.12227	0.5001	g/100cc
2.	Ethanol	Column 2:	49.12614	0.5012	g/100cc
3.	n-Propanol	Column 1:	47.44746	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.32278	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 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:	47.36512	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.28585	1.0000	g/100cc

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

Sequence table: C:\Chem32\1\Data\07-19-19\_CAL\07-19-19\_CAL 2019-07-19 09-23-06\07-19-19\_CAL.S  
 Data directory path: C:\Chem32\1\Data\07-19-19\_CAL\07-19-19\_CAL 2019-07-19 09-23-06\  
 Logbook: C:\Chem32\1\Data\07-19-19\_CAL\07-19-19\_CAL 2019-07-19 09-23-06\07-19-19\_CAL.LOG  
 Sequence start: 7/19/2019 9:37:44 AM  
 Sequence Operator: SYSTEM  
 Operator: SYSTEM

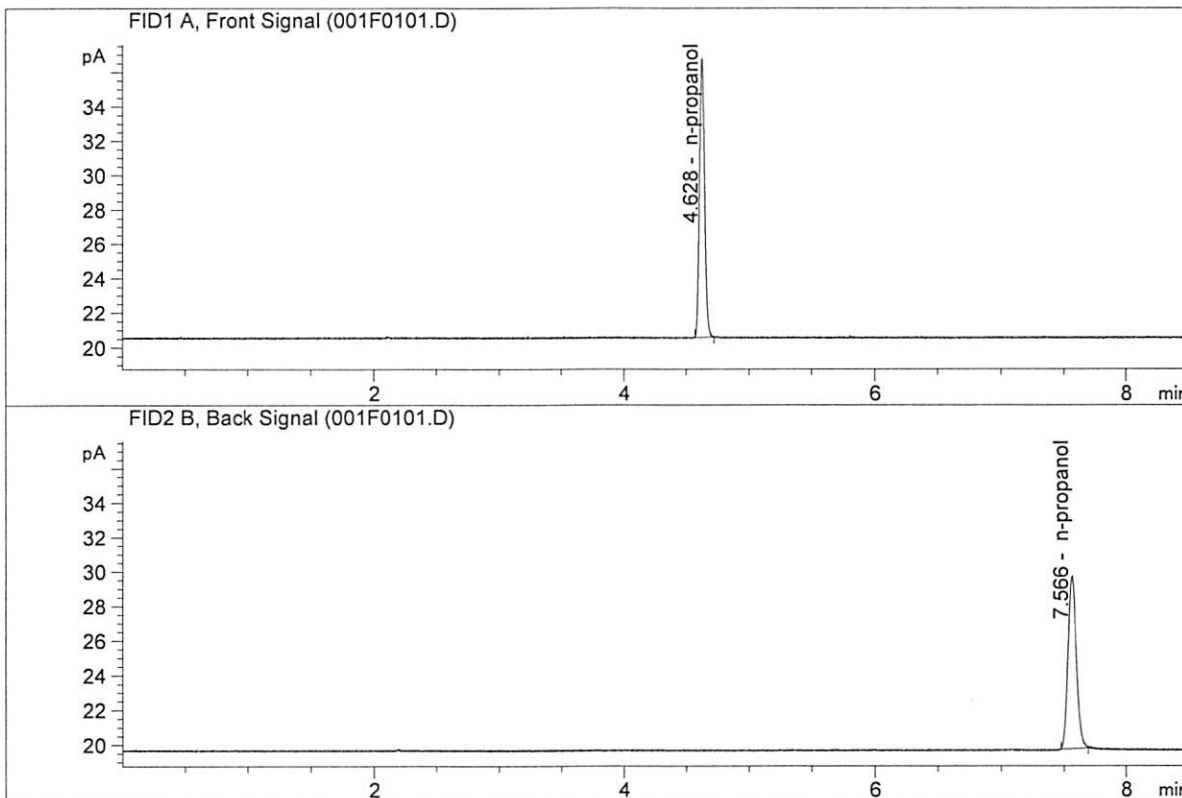
Method file name: C:\Chem32\1\Data\07-19-19\_CAL\07-19-19\_CAL 2019-07-19 09-23-06\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	Cmp
1	1	1	0.050 FN04271601	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN02271802	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN03301601	-	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

*JL*

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

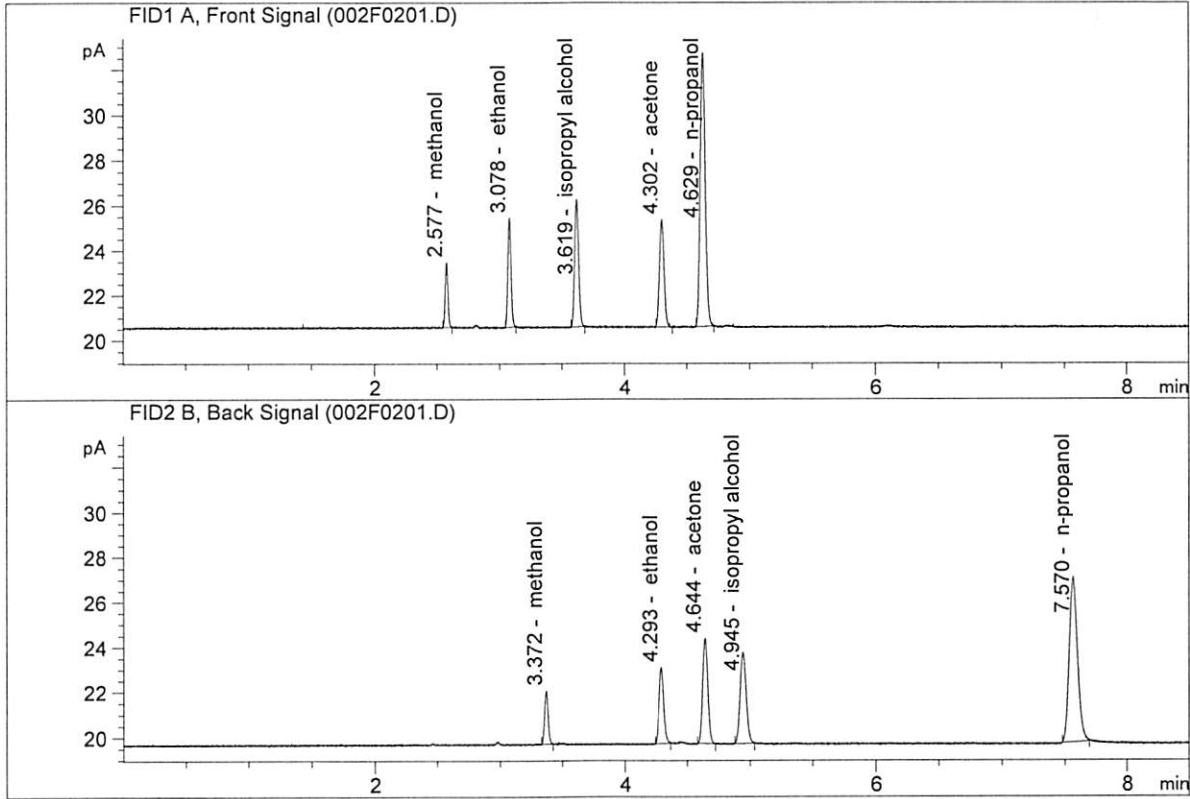


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	45.86676	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.80880	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.59057	0.1300	g/100cc
2.	Ethanol	Column 2:	8.90560	0.1309	g/100cc
3.	n-Propanol	Column 1:	34.10907	1.0000	g/100cc
4.	n-Propanol	Column 2:	35.01970	1.0000	g/100cc



## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 19 Jul 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0782	0.0783	0.0001	0.0782	0.0786	
(g/100cc)	0.0789	0.0793	0.0004	0.0791		

### 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%

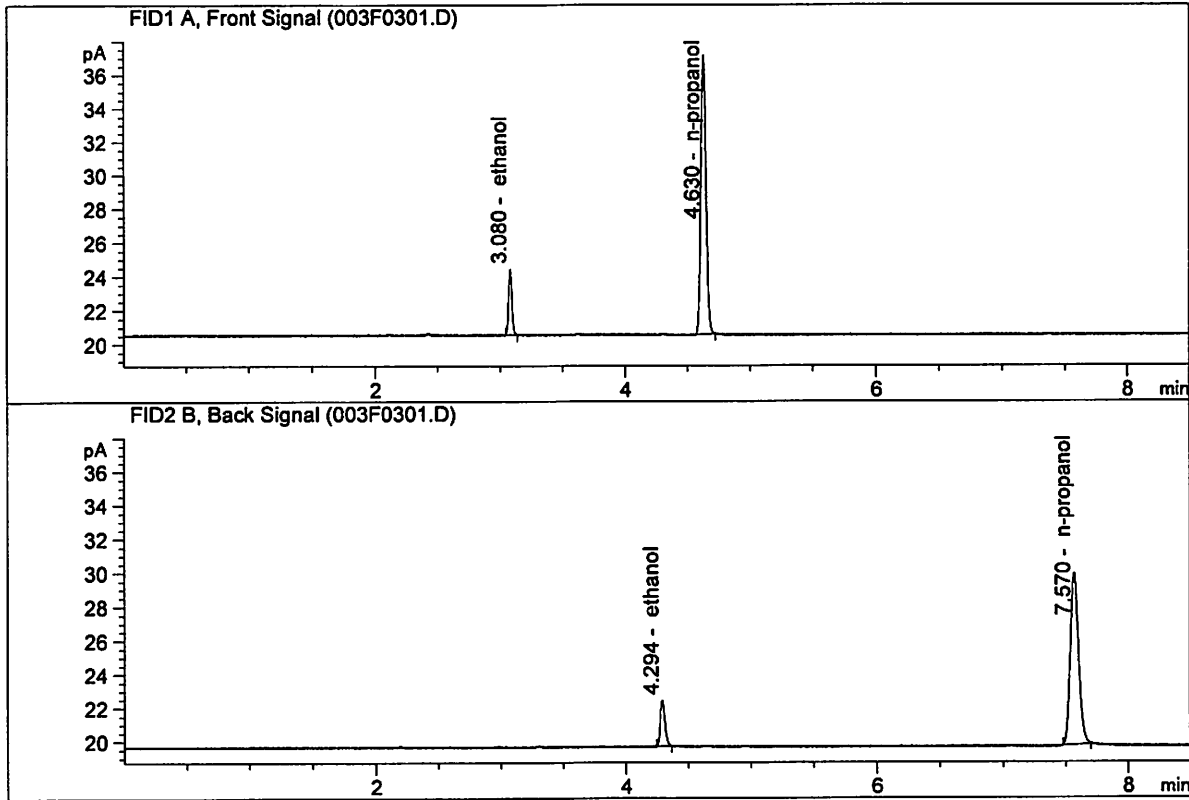
Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	0.074	0.082	0.004

	Reported Result	
	0.078	

*Calibration and control data are stored centrally.*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

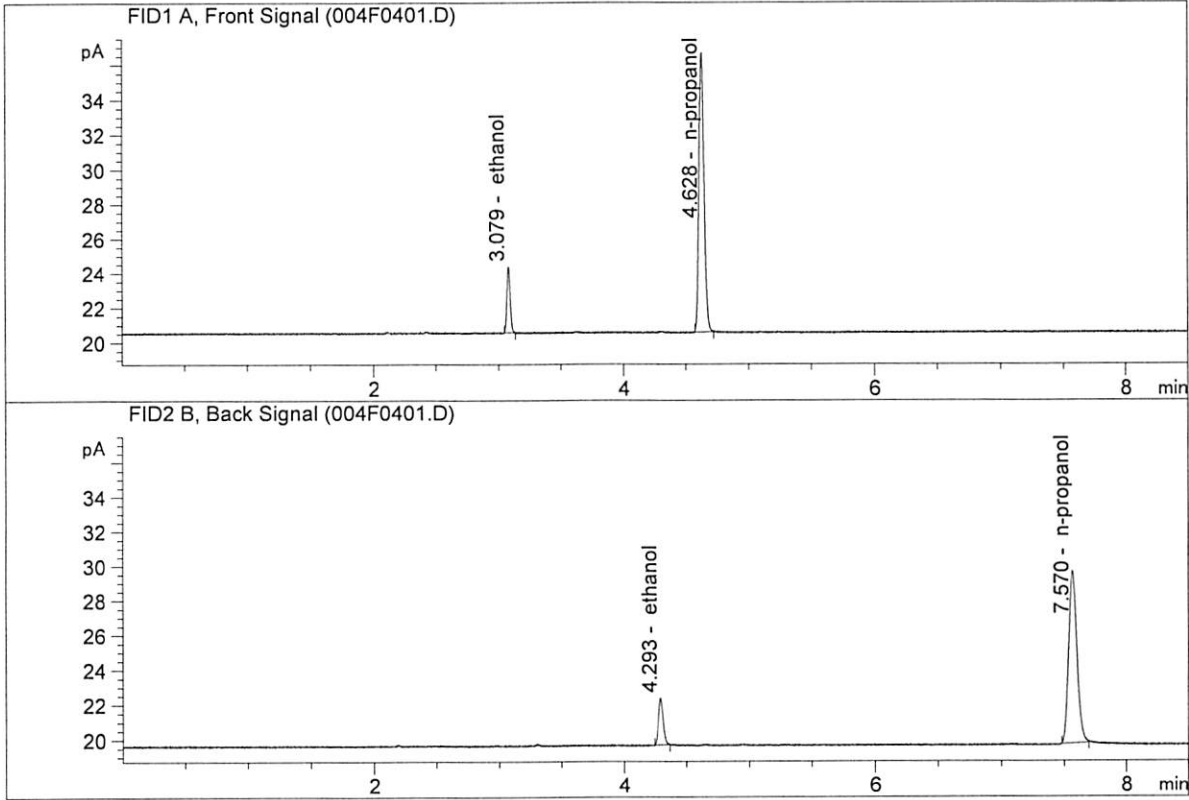


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.14245	0.0782	g/100cc
2.	Ethanol	Column 2:	7.32888	0.0783	g/100cc
3.	n-Propanol	Column 1:	47.32677	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.19292	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.97123	0.0789	g/100cc
2.	Ethanol	Column 2:	7.16836	0.0793	g/100cc
3.	n-Propanol	Column 1:	45.77247	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.43754	1.0000	g/100cc

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**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: 0.08 FN04171701

Analysis Date(s): 19 Jul 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0799	0.0804	0.0005	0.0801	0.0802	
(g/100cc)	0.0802	0.0806	0.0004	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%**

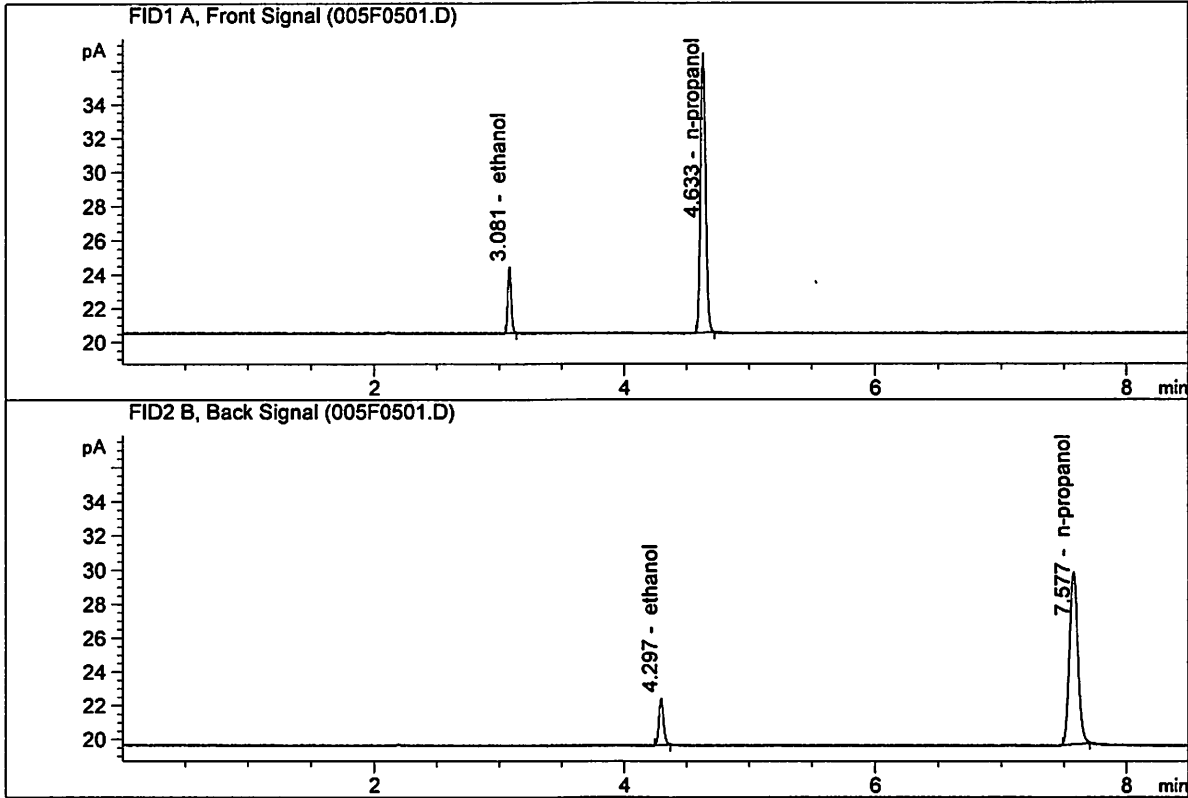
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

	Reported Result	
	0.080	

*Calibration and control data are stored centrally.*

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

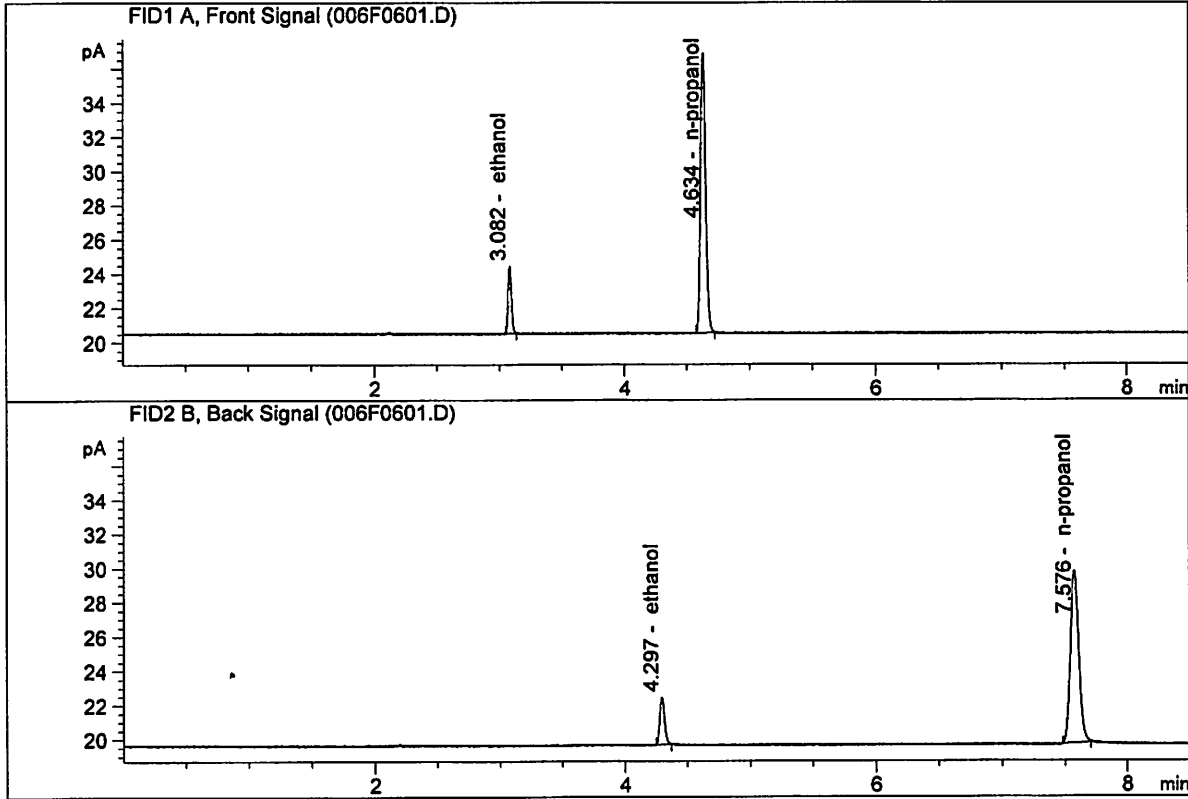


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.24108	0.0799	g/100cc
2.	Ethanol	Column 2:	7.48072	0.0804	g/100cc
3.	n-Propanol	Column 1:	46.90377	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.78572	1.0000	g/100cc

JK

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.21691	0.0802	g/100cc
2.	Ethanol	Column 2:	7.46523	0.0806	g/100cc
3.	n-Propanol	Column 1:	46.61551	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.54975	1.0000	g/100cc

JL

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC2-1

Analysis Date(s): 19 Jul 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2057	0.2049	0.0008	0.2053	0.2054	
(g/100cc)	0.2055	0.2056	0.0001	0.2055		

**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
0.205	0.194	0.216	0.011

	Reported Result	
	0.205	

*Calibration and control data are stored centrally.*

Revision: 1

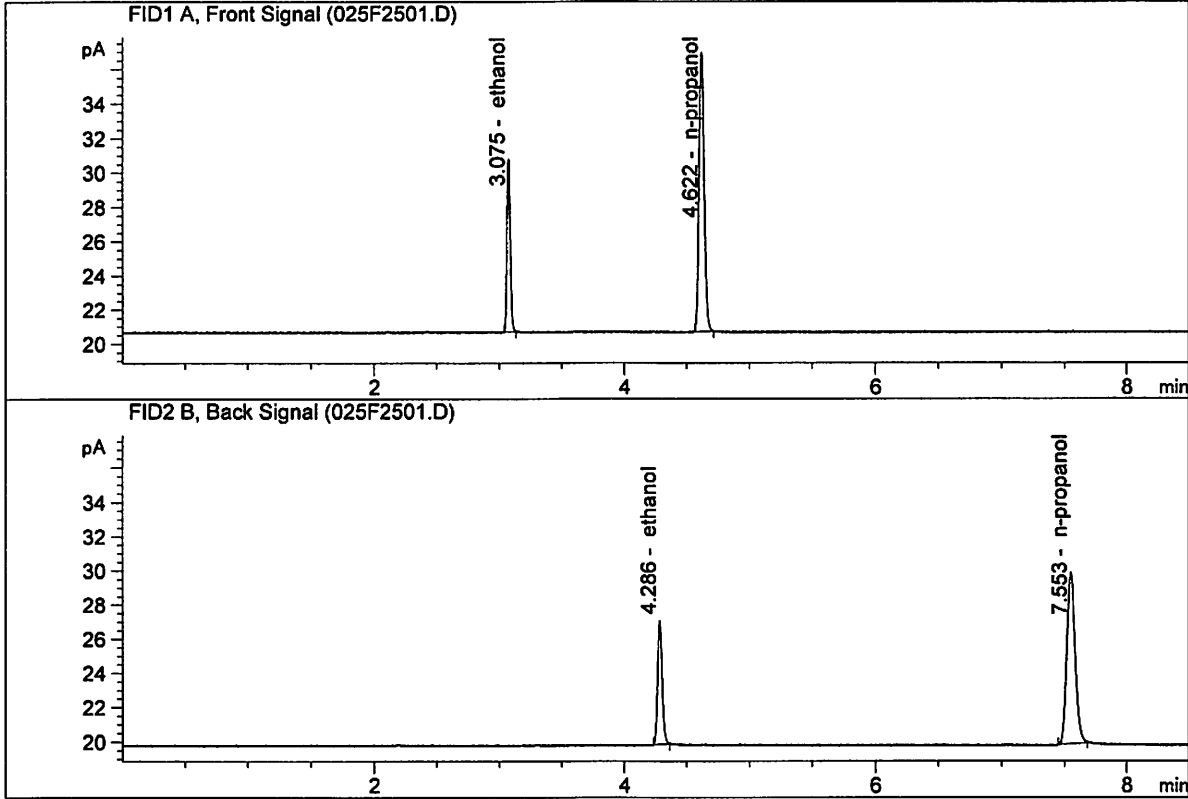
Issue Date: 01/04/2019

Issuing Authority: Quality Manager

*JK*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

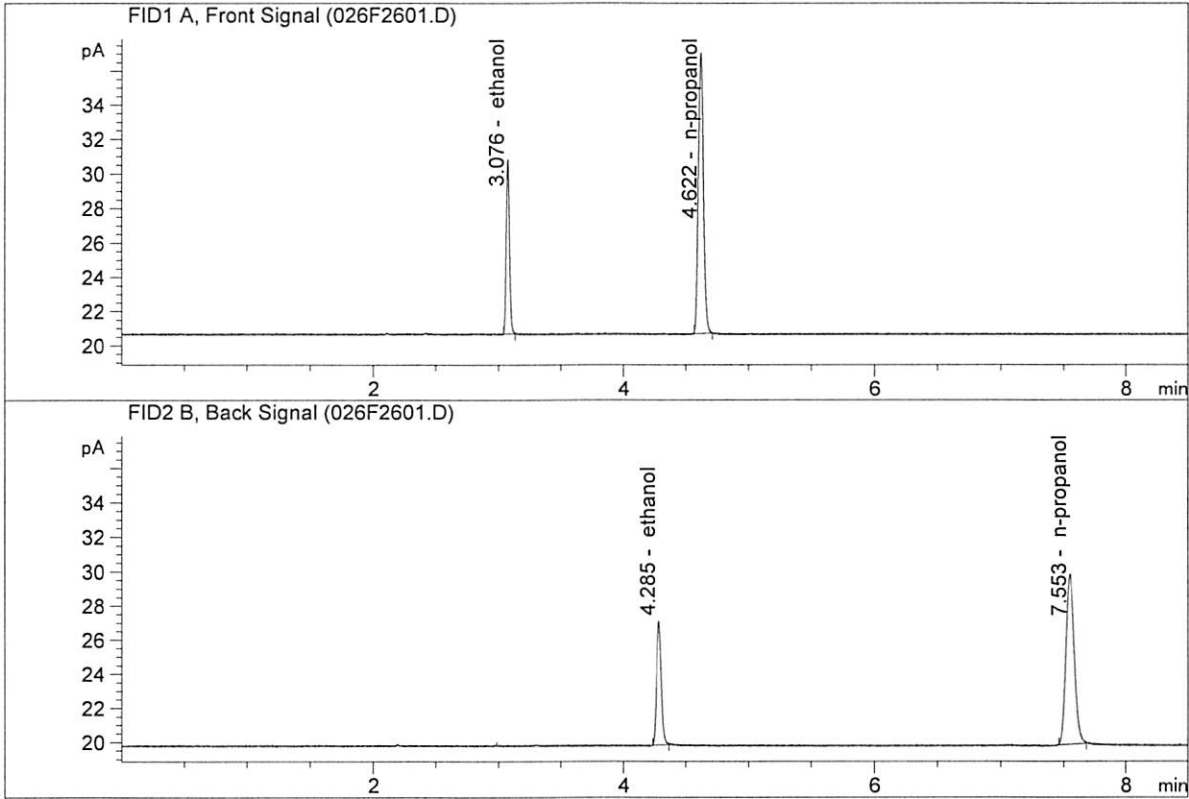


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.46600	0.2057	g/100cc
2.	Ethanol	Column 2:	19.29440	0.2049	g/100cc
3.	n-Propanol	Column 1:	46.27517	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.93297	1.0000	g/100cc



ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.45439	0.2055	g/100cc
2.	Ethanol	Column 2:	19.35567	0.2056	g/100cc
3.	n-Propanol	Column 1:	46.28999	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.91906	1.0000	g/100cc

*JL*

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC1-2

Analysis Date(s): 19 Jul 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0816	0.0824	0.0008	0.0820	0.0815	
(g/100cc)	0.0806	0.0816	0.0010	0.0811		

**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

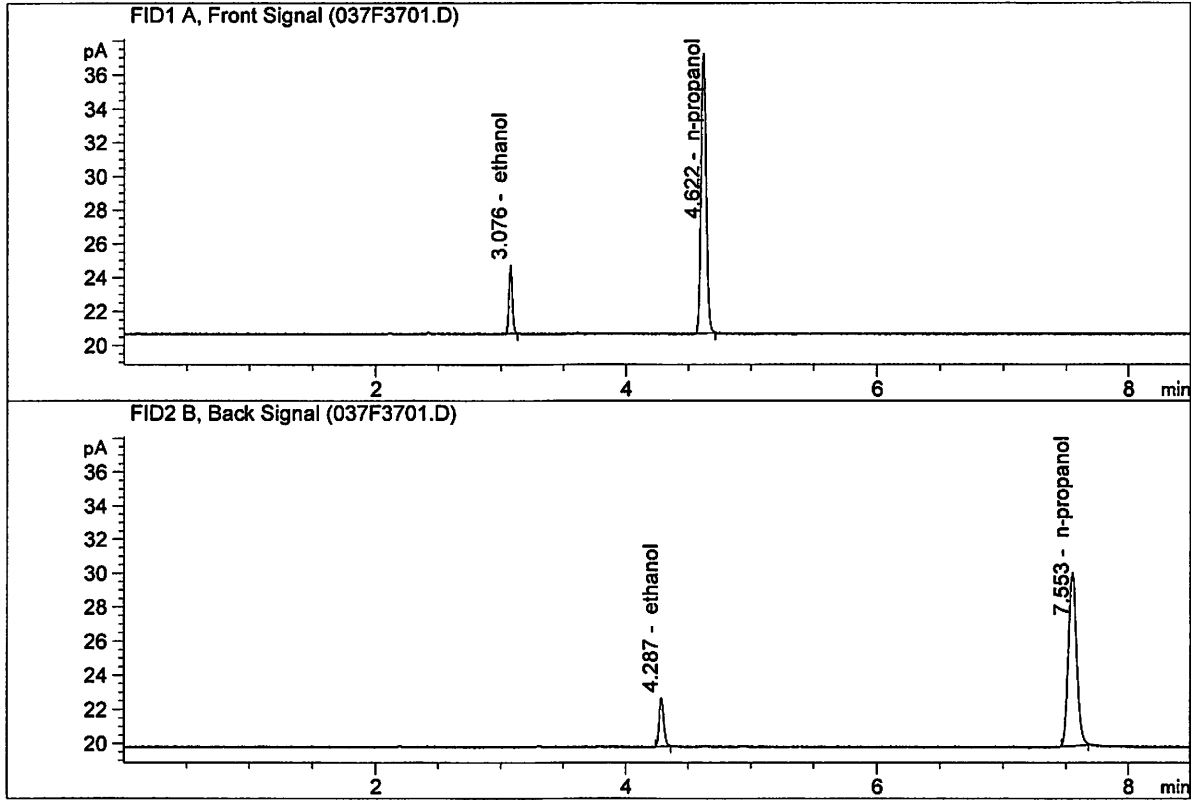
	Reported Result	
	0.081	

*Calibration and control data are stored centrally.*

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

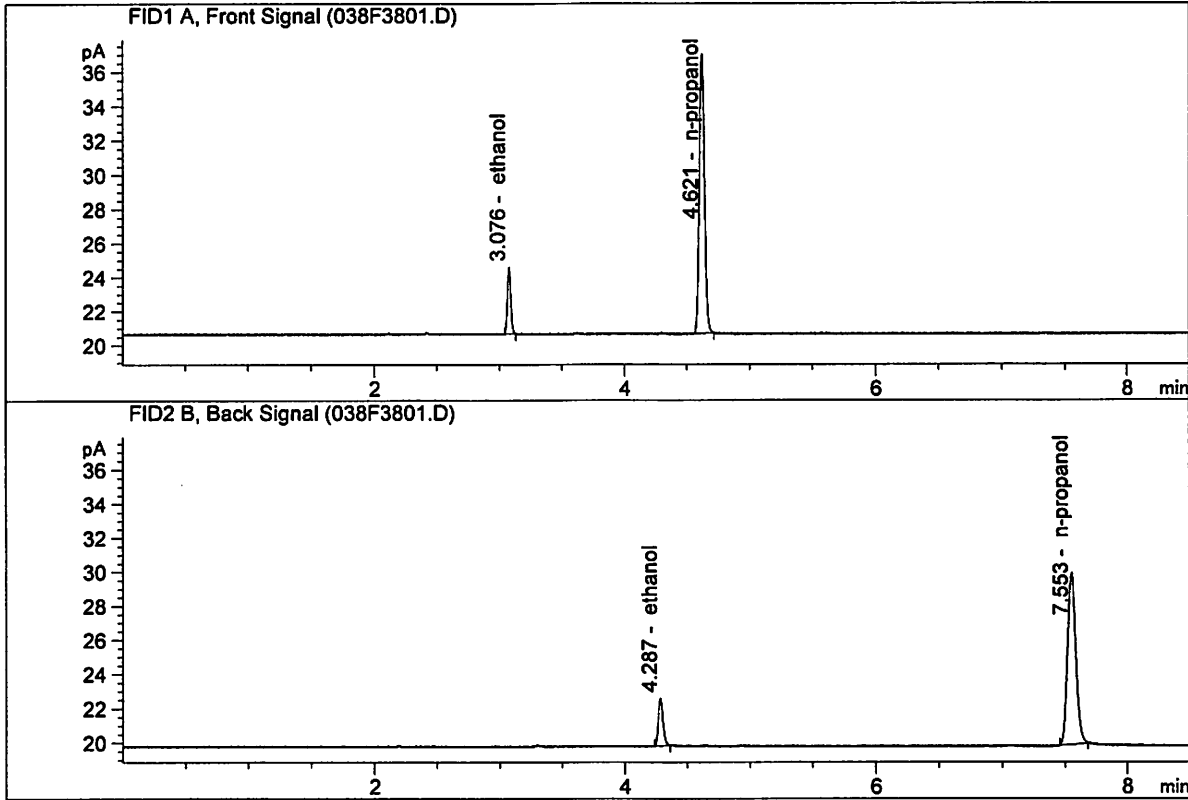


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.38782	0.0816	g/100cc
2.	Ethanol	Column 2:	7.63939	0.0824	g/100cc
3.	n-Propanol	Column 1:	46.89630	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.55825	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

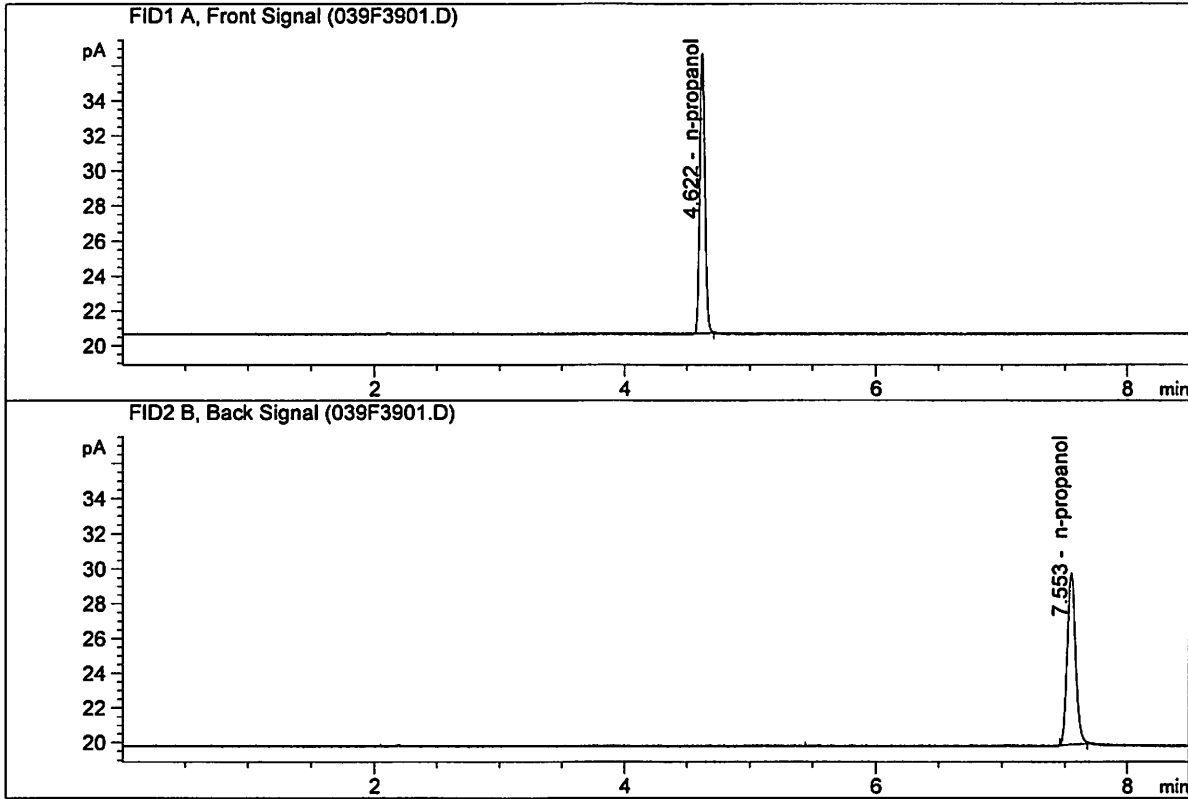
Sample Name : QC1-2-B  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.24798	0.0806	g/100cc
2.	Ethanol	Column 2:	7.48658	0.0816	g/100cc
3.	n-Propanol	Column 1:	46.55114	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.12120	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK  
 Laboratory : Meridian  
 Injection Date : Jul 19, 2019  
 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:	45.43639	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.07970	1.0000	g/100cc

dg

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

Sequence table: C:\Chem32\1\Data\07-19-19\_SAMPLES\07-19-19\_SAMPLES 2019-07-19 10-59-06\07-19-19\_SAMPLES.S  
 Data directory path: C:\Chem32\1\Data\07-19-19\_SAMPLES\07-19-19\_SAMPLES 2019-07-19 10-59-06\  
 Logbook: C:\Chem32\1\Data\07-19-19\_SAMPLES\07-19-19\_SAMPLES 2019-07-19 10-59-06\07-19-19\_SAMPLES.LOG  
 Sequence start: 7/19/2019 11:13:50 AM  
 Sequence Operator: SYSTEM  
 Operator: SYSTEM  
 Method file name: C:\Chem32\1\Data\07-19-19\_SAMPLES\07-19-19\_SAMPLES 2019-07-19 10-59-06\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	M2019-3066-1-A	-	1.0000	007F0701.D		2
8	8	1	M2019-3066-1-B	-	1.0000	008F0801.D		2
9	9	1	M2019-3143-1-A	-	1.0000	009F0901.D		4
10	10	1	M2019-3143-1-B	-	1.0000	010F1001.D		4
11	11	1	M2019-3144-1-A	-	1.0000	011F1101.D		4
12	12	1	M2019-3144-1-B	-	1.0000	012F1201.D		4
13	13	1	M2019-3185-1-A	-	1.0000	013F1301.D		2
14	14	1	M2019-3185-1-B	-	1.0000	014F1401.D		2
15	15	1	M2019-3186-2-A	-	1.0000	015F1501.D		2
16	16	1	M2019-3186-2-B	-	1.0000	016F1601.D		2
17	17	1	M2019-3187-1-A	-	1.0000	017F1701.D		4
18	18	1	M2019-3187-1-B	-	1.0000	018F1801.D		4
19	19	1	M2019-3188-1-A	-	1.0000	019F1901.D		4
20	20	1	M2019-3188-1-B	-	1.0000	020F2001.D		4
21	21	1	M2019-3189-1-A	-	1.0000	021F2101.D		4
22	22	1	M2019-3189-1-B	-	1.0000	022F2201.D		4
23	23	1	M2019-3190-1-A	-	1.0000	023F2301.D		4
24	24	1	M2019-3190-1-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	M2019-3195-1-A	-	1.0000	027F2701.D		2
28	28	1	M2019-3195-1-B	-	1.0000	028F2801.D		2
29	29	1	M2019-3201-1-A	-	1.0000	029F2901.D		4
30	30	1	M2019-3201-1-B	-	1.0000	030F3001.D		4
31	31	1	M2019-3238-1-A	-	1.0000	031F3101.D		4
32	32	1	M2019-3238-1-B	-	1.0000	032F3201.D		4
33	33	1	M2019-3247-1-A	-	1.0000	033F3301.D		4
34	34	1	M2019-3247-1-B	-	1.0000	034F3401.D		4
35	35	1	M2019-3255-1-A	-	1.0000	035F3501.D		4
36	36	1	M2019-3255-1-B	-	1.0000	036F3601.D		4
37	37	1	QC1-2-A	-	1.0000	037F3701.D		4
38	38	1	QC1-2-B	-	1.0000	038F3801.D		4
39	39	1	INTERNAL STD BLK	-	1.0000	039F3901.D		2

dl

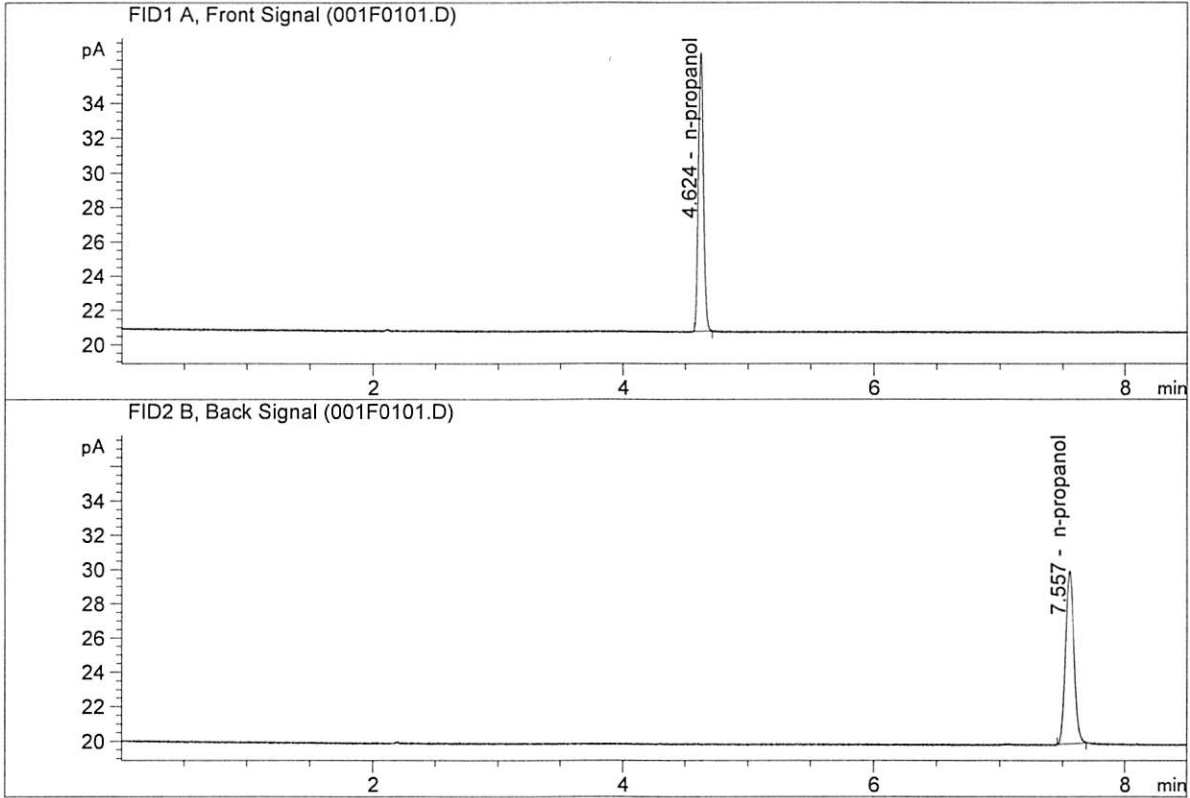
Method file name: C:\Chem32\1\Data\07-19-19\_SAMPLES\07-19-19\_SAMPLES 2019-07-19 10-59-06  
\SHUTDOWN.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
40	40	1	EMPTY	-	1.0000	040F4001.D		0

JK

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1  
 Laboratory : Meridian  
 Injection Date : Jul 22, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



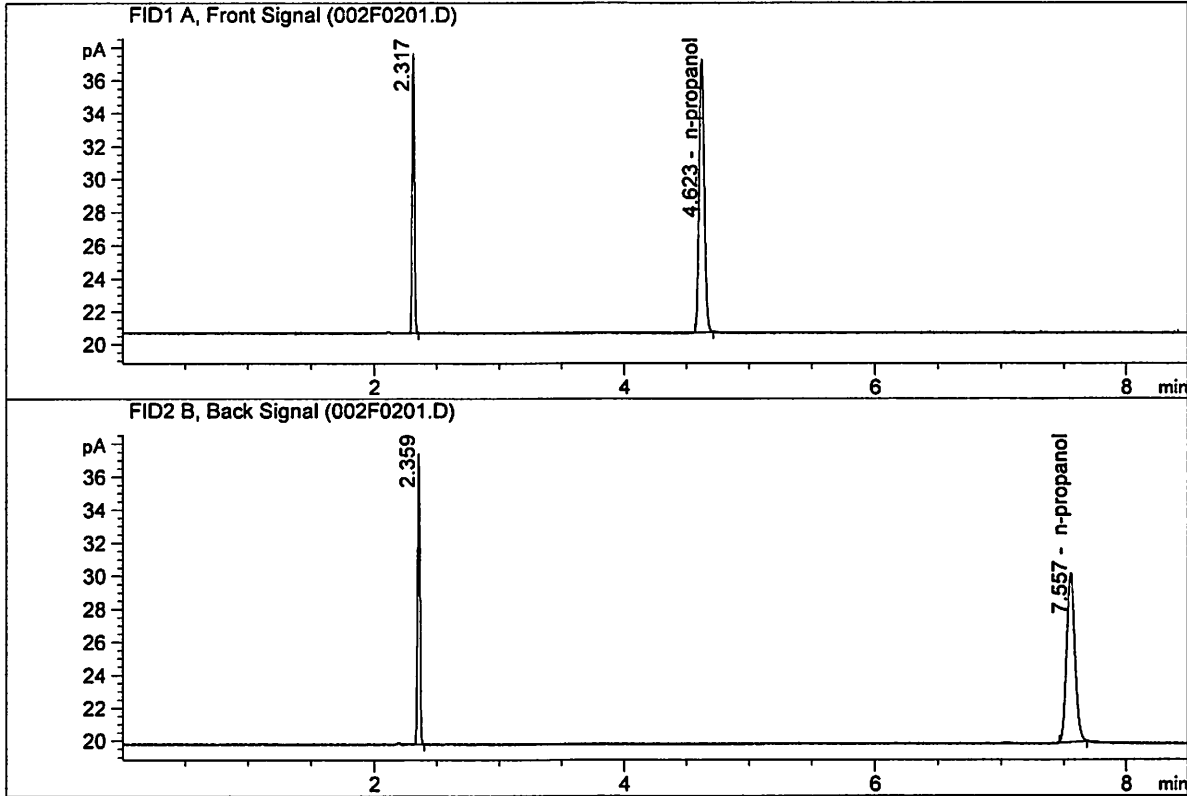
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	45.96010	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.46936	1.0000	g/100cc

DL



ISP Forensic Services Blood Alcohol Report

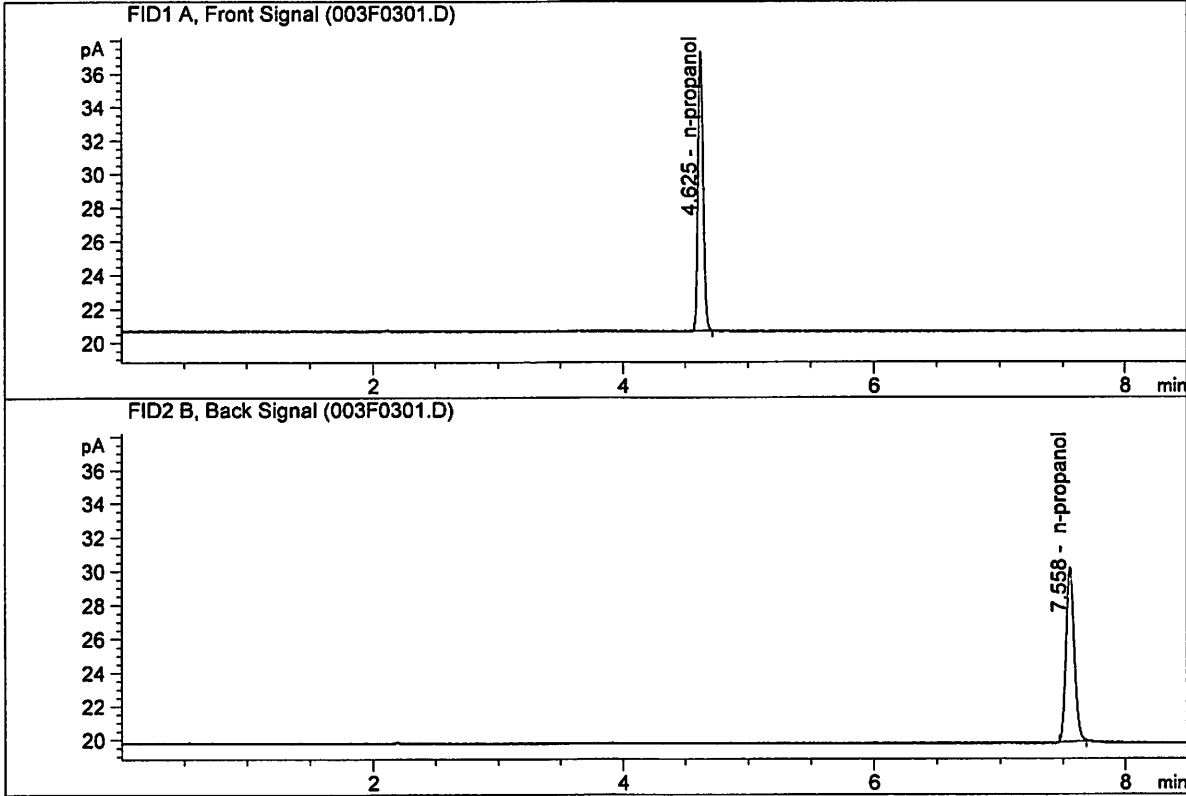
Sample Name : DFE 111914OM  
 Laboratory : Meridian  
 Injection Date : Jul 22, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	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:	47.04809	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.35794	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK  
 Laboratory : Meridian  
 Injection Date : Jul 22, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

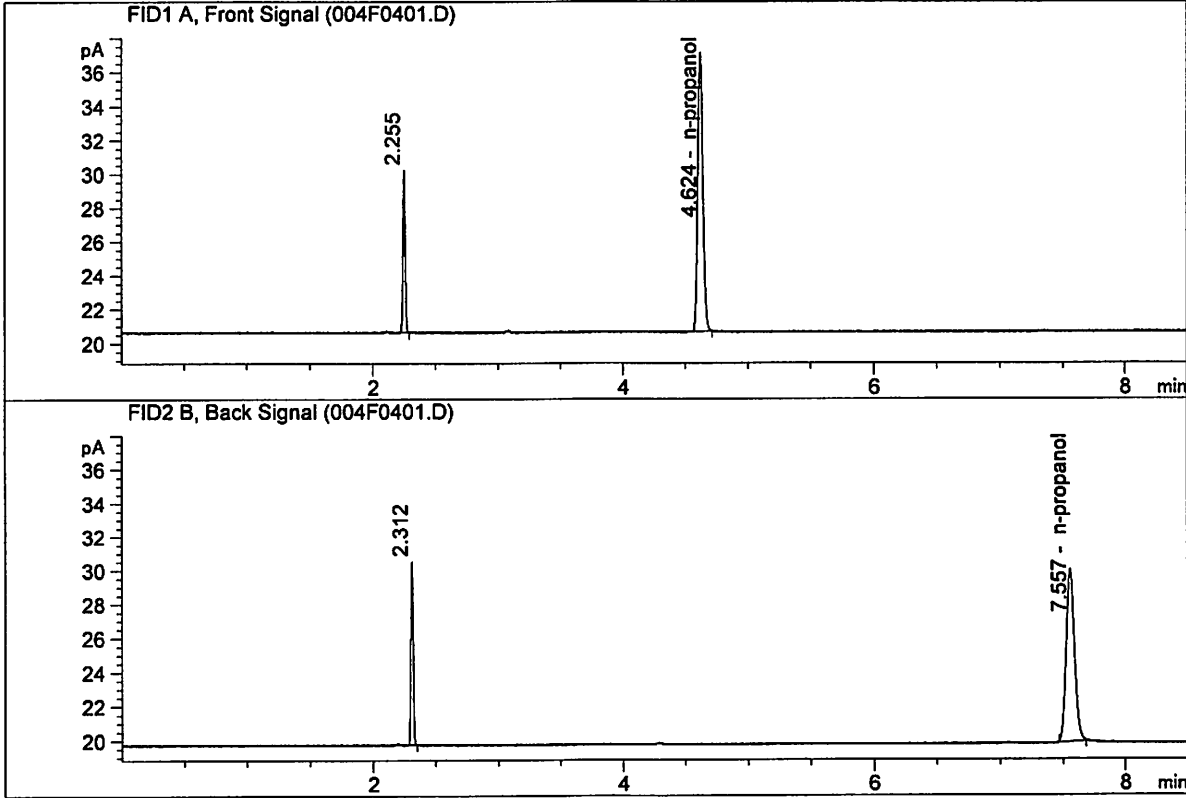


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	47.30995	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.47989	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

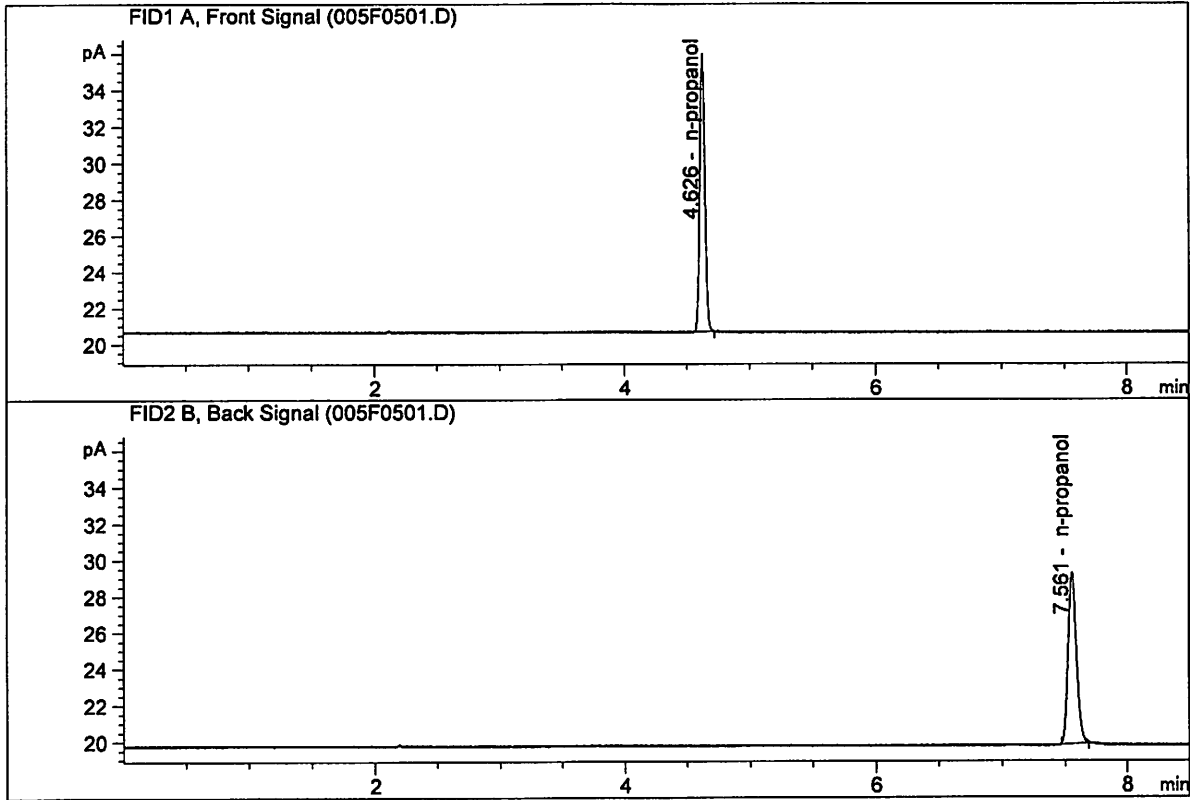
Sample Name : TFE 111914  
 Laboratory : Meridian  
 Injection Date : Jul 22, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	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:	46.80431	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.86557	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

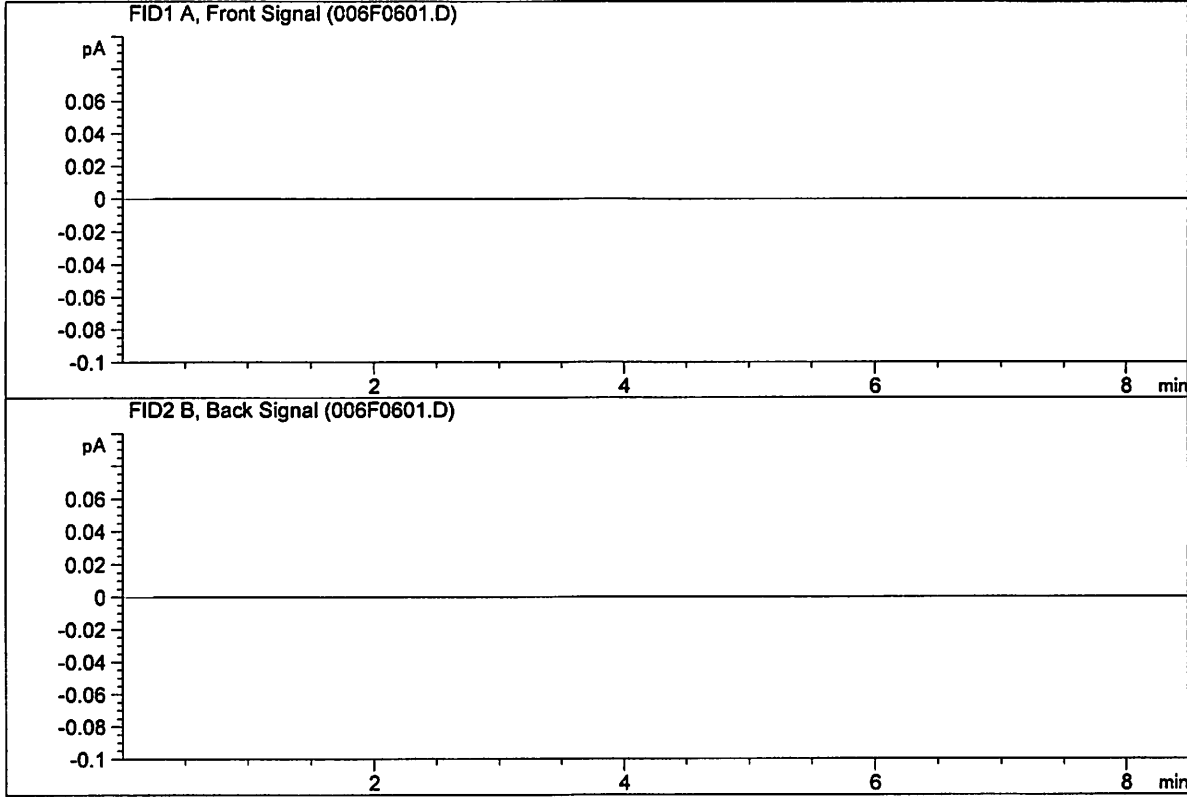
Sample Name : INTERNAL STD BLK  
 Laboratory : Meridian  
 Injection Date : Jul 22, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	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:	43.53649	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.32379	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : EMPTY  
 Laboratory : Meridian  
 Injection Date : Jul 22, 2019  
 Method : SHUTDOWN.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:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

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

Sequence table: C:\Chem32\1\Data\07-22-19\_INH\07-22-19\_INH 2019-07-22 11-09-20\07-22-19\_INH.S  
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 Logbook: C:\Chem32\1\Data\07-22-19\_INH\07-22-19\_INH 2019-07-22 11-09-20\07-22-19\_INH.LOG  
 Sequence start: 7/22/2019 11:23:58 AM  
 Sequence Operator: SYSTEM  
 Operator: SYSTEM

Method file name: C:\Chem32\1\Data\07-22-19\_INH\07-22-19\_INH 2019-07-22 11-09-20\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	2	1	DFE 111914OM	-	1.0000	002F0201.D	2	2
3	3	1	INTERNAL STD BLK	-	1.0000	003F0301.D	2	2
4	4	1	TFE 111914	-	1.0000	004F0401.D	2	2
5	5	1	INTERNAL STD BLK	-	1.0000	005F0501.D	2	2

Method file name: C:\Chem32\1\Data\07-22-19\_INH\07-22-19\_INH 2019-07-22 11-09-20\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
6	6	1	EMPTY	-	1.0000	006F0601.D	0	0

DL