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):11/21/19-11/22/19**

Calibration Date: 11/14/19

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0803 g/100cc
					0.0819 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2002 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Sep-20**	**Lot #**	FN06041502		ok
Curve Fit:	**Column 1**	0.99999	**Column2**		0.99995

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0507	0.0518	0.0011	0.0512
100	0.100	0.090 - 0.110	0.1002	0.1002	0.0000	0.1002
200	0.200	0.180 - 0.220	0.1996	0.1983	0.0013	0.1989
300	0.300	0.270 - 0.330	0.2988	0.2982	0.0006	0.2985
500	0.500	0.450 - 0.550	0.5008	0.5016	0.0008	0.5012

Aqueous Controls

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

JC

Revision: 1
Issue Date: 01/03/2019
Issuing Authority: Quality Manager

Worklist: 3843

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2019-5116	1	BCK	Alcohol Analysis
M2019-5117	1	BCK	Alcohol Analysis
M2019-5118	1	BCK	Alcohol Analysis
M2019-5122	1	BCK	Alcohol Analysis
M2019-5153	1	BCK	Alcohol Analysis
M2019-5169	2	BCK	Alcohol Analysis
M2019-5170	1	BCK	Alcohol Analysis
M2019-5190	1	BCK	Alcohol Analysis
M2019-5211	1	BCK	Alcohol Analysis
M2019-5224	1	BCK	Alcohol Analysis
M2019-5227	1	BCK	Alcohol Analysis
M2019-5228	1	BCK	Alcohol Analysis
M2019-5229	1	BCK	Alcohol Analysis
M2019-5230	1	BCK	Alcohol Analysis
M2019-5257	1	BCK	Alcohol Analysis
M2019-5258	1	BCK	Alcohol Analysis
M2019-5260	1	BCK	Alcohol Analysis

JG

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Thursday, November 14, 2019 3:29:39 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

Overview Table

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

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	4.29843	1.16321e-2	No	No	1	ethanol
		2	1.00000e-1	8.68283	1.15170e-2				
		3	2.00000e-1	17.21634	1.16169e-2				
		4	3.00000e-1	26.38593	1.13697e-2				
		5	5.00000e-1	43.45055	1.15073e-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	4.43346	1.12779e-2	No	No	2	ethanol
		2	1.00000e-1	9.01305	1.10950e-2				
		3	2.00000e-1	17.98914	1.11178e-2				
		4	3.00000e-1	27.85958	1.07683e-2				
		5	5.00000e-1	46.06902	1.08533e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	44.97118	2.22365e-2	No	Yes	1	n-propanol
		2	1.00000	45.30305	2.20736e-2				
		3	1.00000	44.74408	2.23493e-2				
		4	1.00000	45.70848	2.18778e-2				
		5	1.00000	44.81903	2.23119e-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	47.04911	2.12544e-2	No	Yes	2	n-propanol
		2	1.00000	47.12088	2.12220e-2				
		3	1.00000	46.33341	2.15827e-2				
		4	1.00000	47.30963	2.11373e-2				
		5	1.00000	46.19559	2.16471e-2				

Peak Sum Table

No Entries in table

---

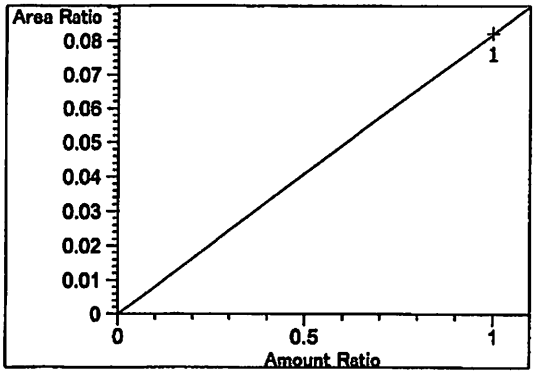
1 Warnings or Errors :

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

==========

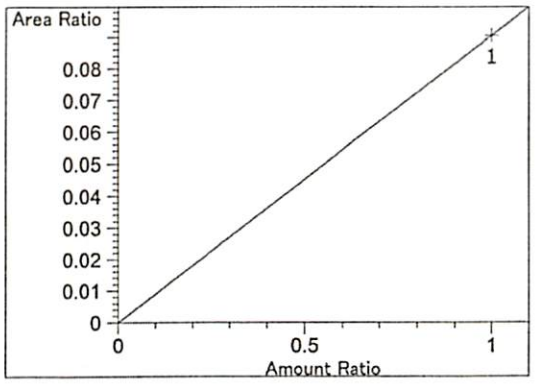
Calibration Curves

==========

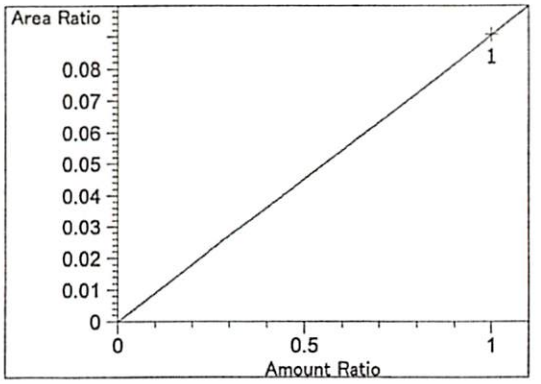


methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.22014e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

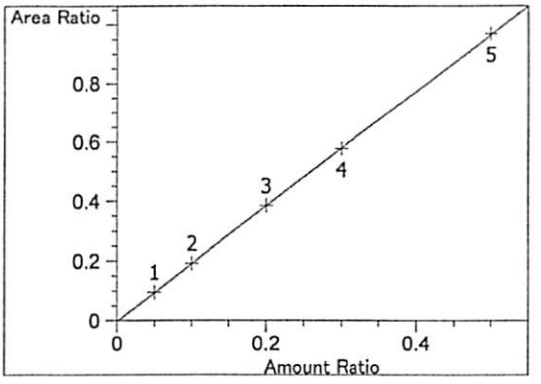
JG



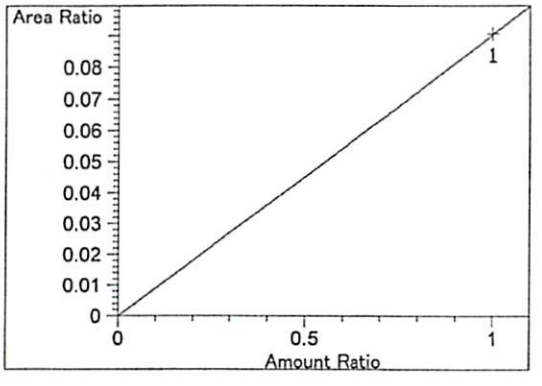
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.05649e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.05649e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

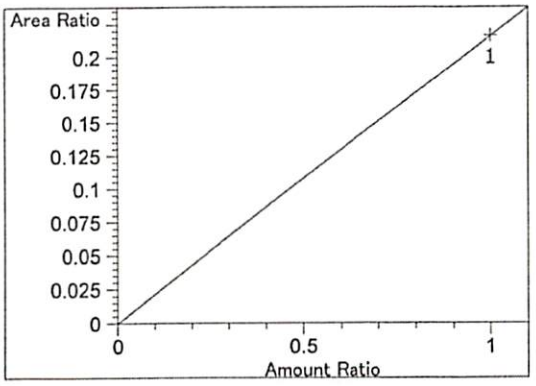


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00185
Formula: y = mx + b
m: 1.94141
b: -2.77479e-3
x: Amount Ratio
y: Area Ratio

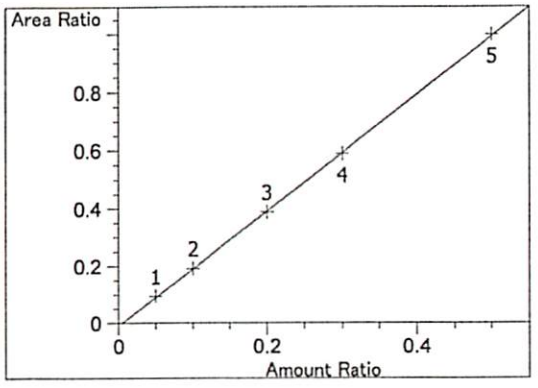


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.05570e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

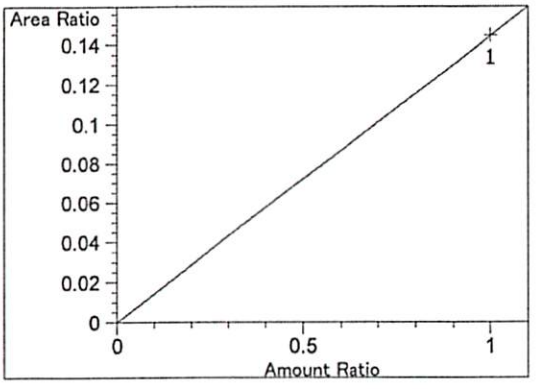
Method C:\CHEM32\1\METHODS\ALCOHOL.M



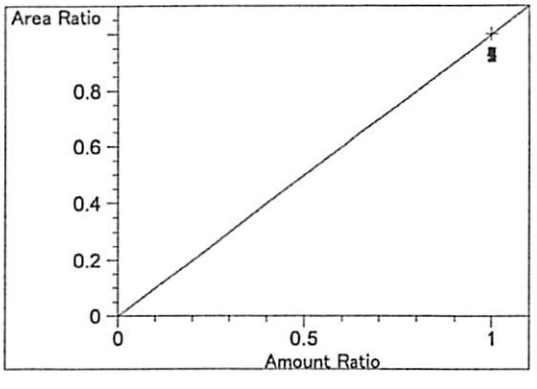
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.16373e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99995
Residual Std. Dev.: 0.00404
Formula: y = mx + b
m: 2.00787
b: -9.82953e-3
x: Amount Ratio
y: Area Ratio



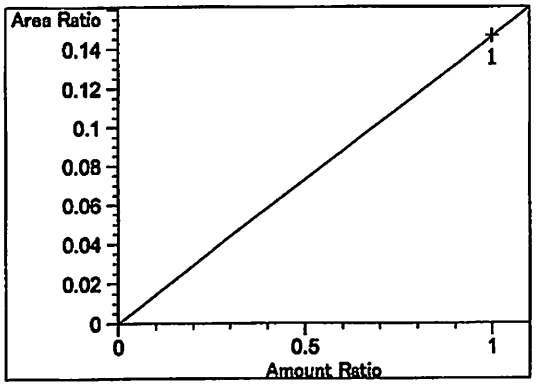
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.44524e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



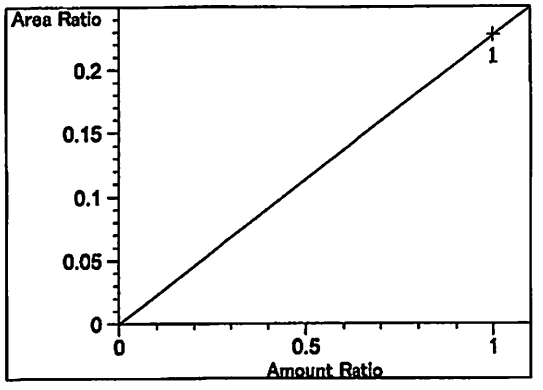
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

JG

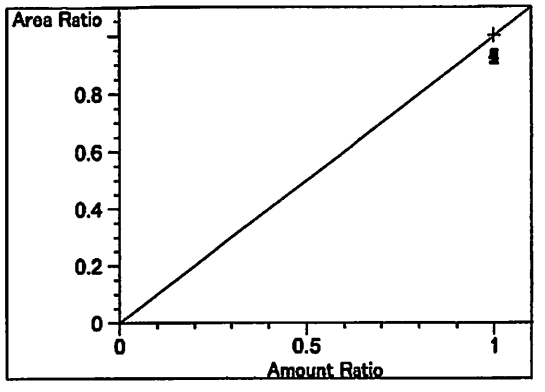
Method C:\CHEM32\1\METHODS\ALCOHOL.M



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.46507e-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: 2.27558e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



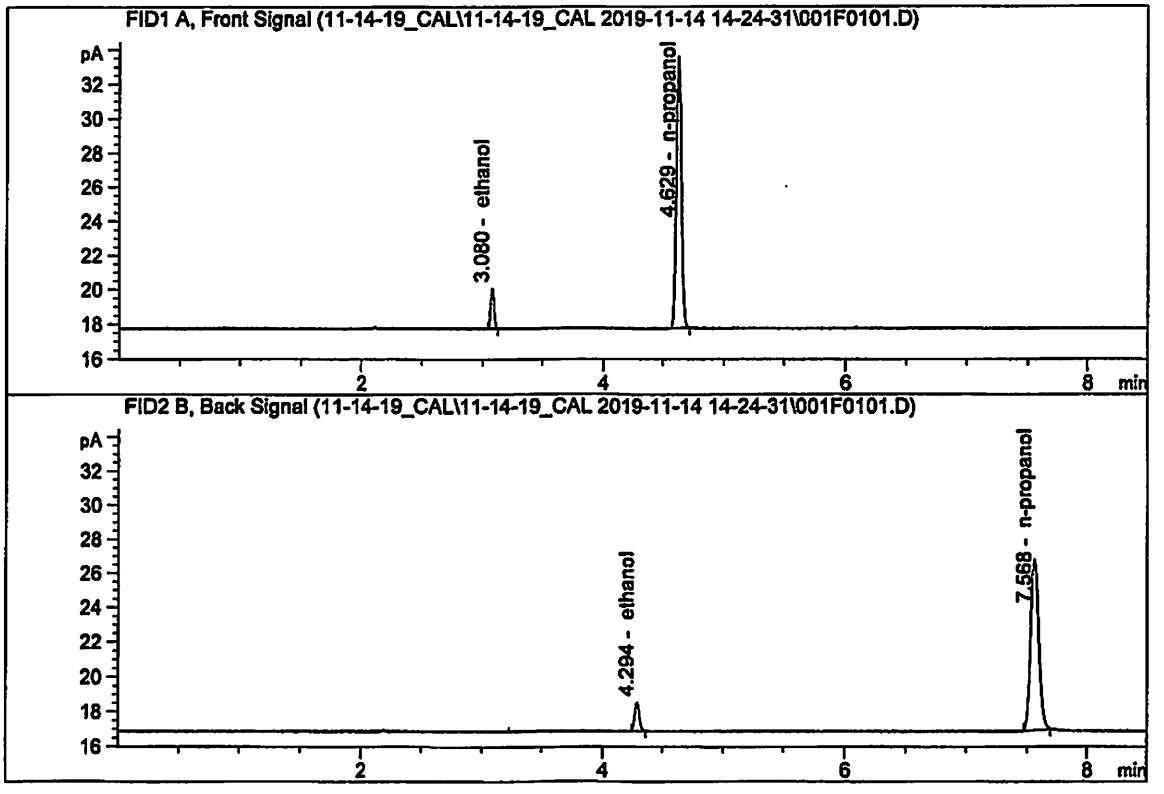
n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

JU

ISP Forensic Services Blood Alcohol Report

Sample Name	:	0.050 FN05211804
Laboratory	:	Meridian
Injection Date	:	Nov 14, 2019
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167

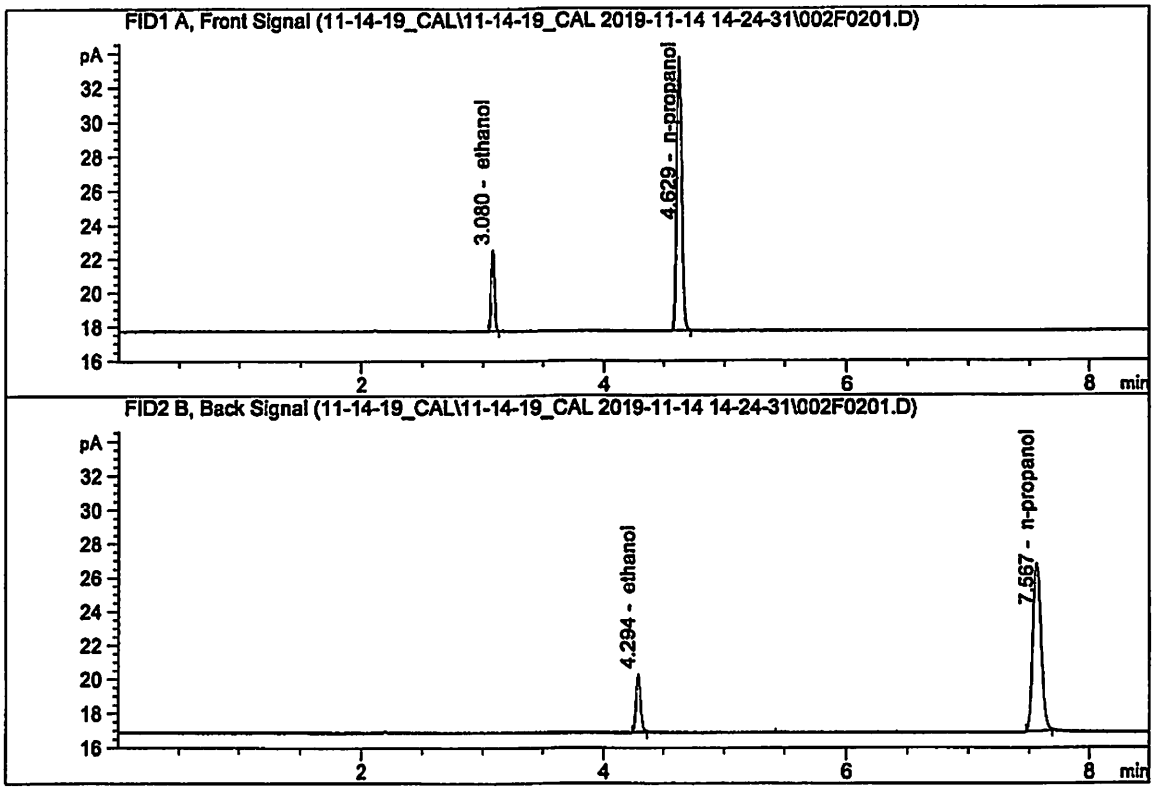


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.29843	0.0507	g/100cc
2.	Ethanol	Column 2:	4.43346	0.0518	g/100cc
3.	n-Propanol	Column 1:	44.97118	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.04911	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN02271802
Laboratory : Meridian
Injection Date : Nov 14, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

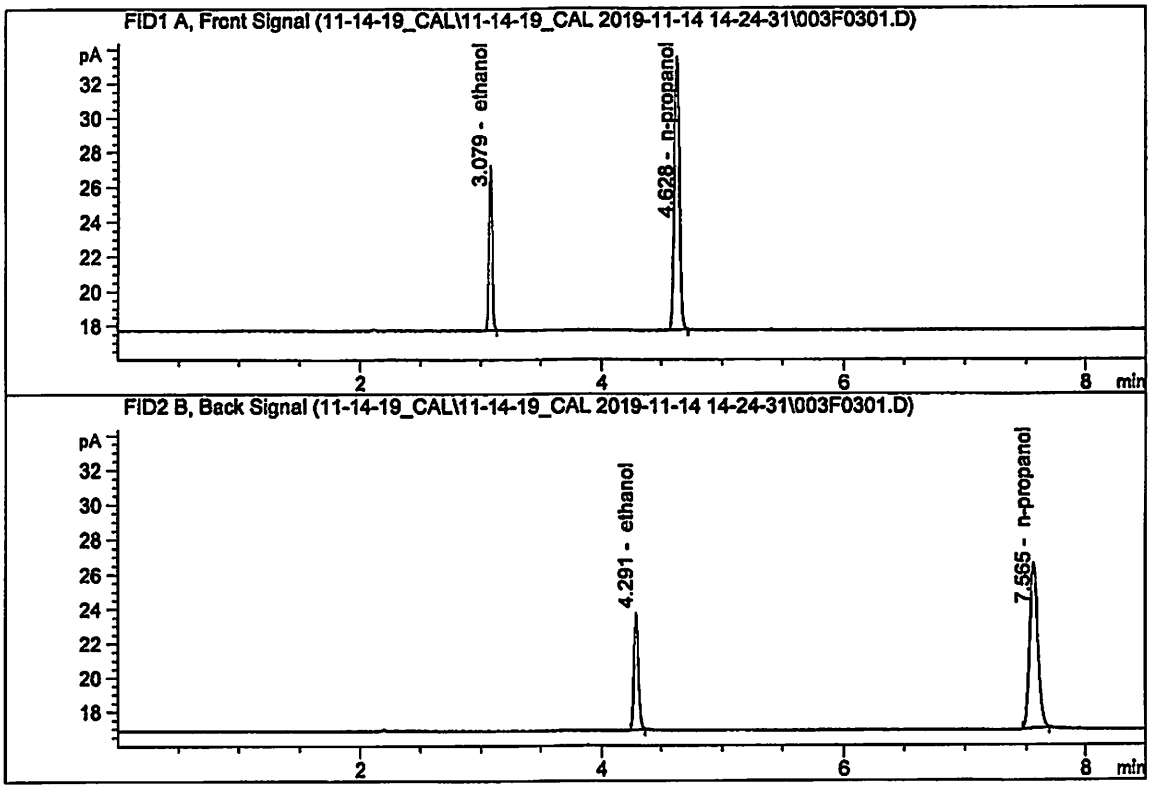


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.68283	0.1002	g/100cc
2.	Ethanol	Column 2:	9.01305	0.1002	g/100cc
3.	n-Propanol	Column 1:	45.30305	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.12088	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name	:	0.200 FN06231704
Laboratory	:	Meridian
Injection Date	:	Nov 14, 2019
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167

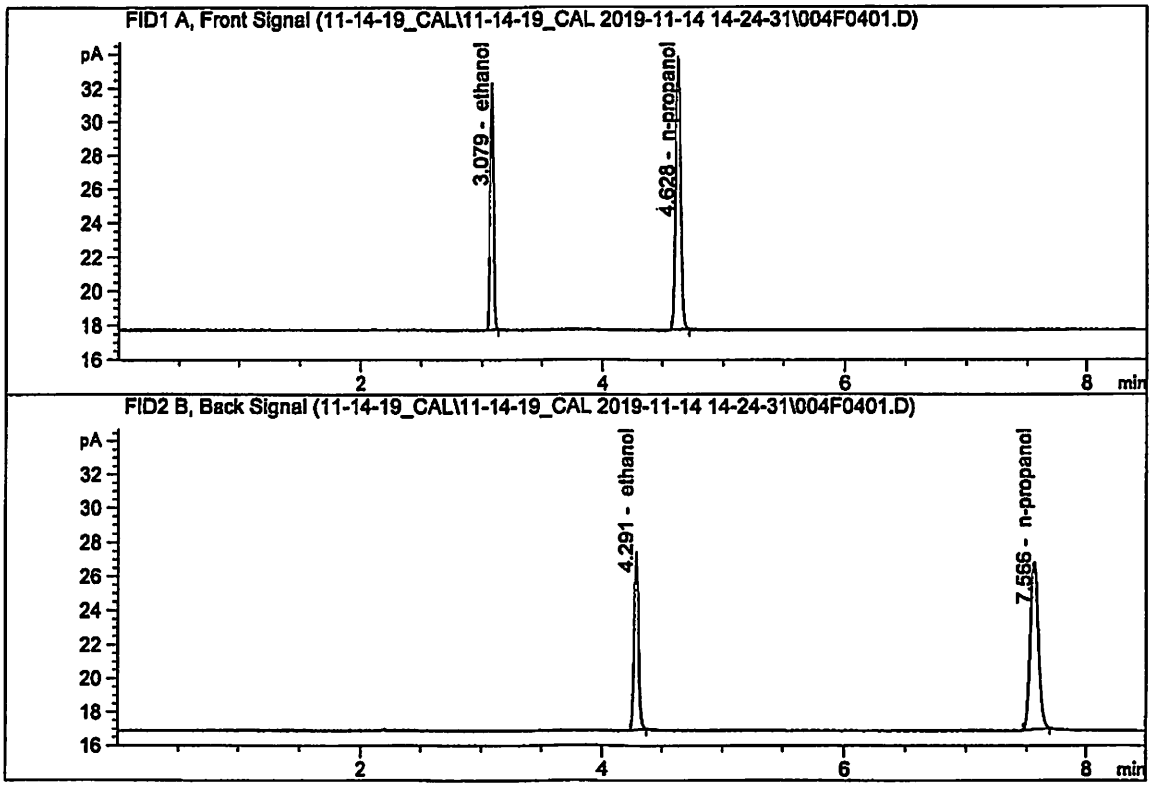


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.21634	0.1996	g/100cc
2.	Ethanol	Column 2:	17.98914	0.1983	g/100cc
3.	n-Propanol	Column 1:	44.74408	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.33341	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

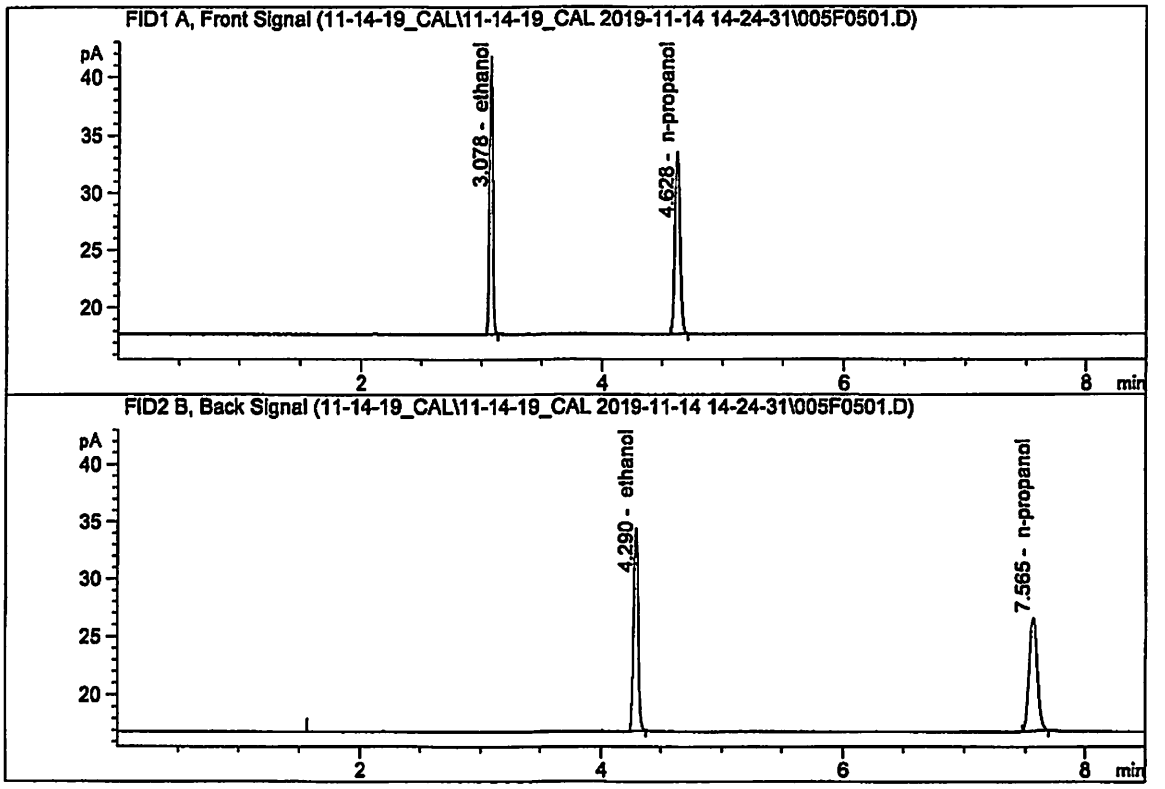
Sample Name : 0.300 FN07311804
Laboratory : Meridian
Injection Date : Nov 14, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.38593	0.2988	g/100cc
2.	Ethanol	Column 2:	27.85958	0.2982	g/100cc
3.	n-Propanol	Column 1:	45.70848	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.30963	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602
Laboratory : Meridian
Injection Date : Nov 14, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.45055	0.5008	g/100cc
2.	Ethanol	Column 2:	46.06902	0.5016	g/100cc
3.	n-Propanol	Column 1:	44.81903	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.19559	1.0000	g/100cc

Sequence File C:\Chem32\1\Data\11-14-19_CAL\11-14-19_CAL 2019-11-14 14-24-31\11-14-19_CAL.S

Sample Summary

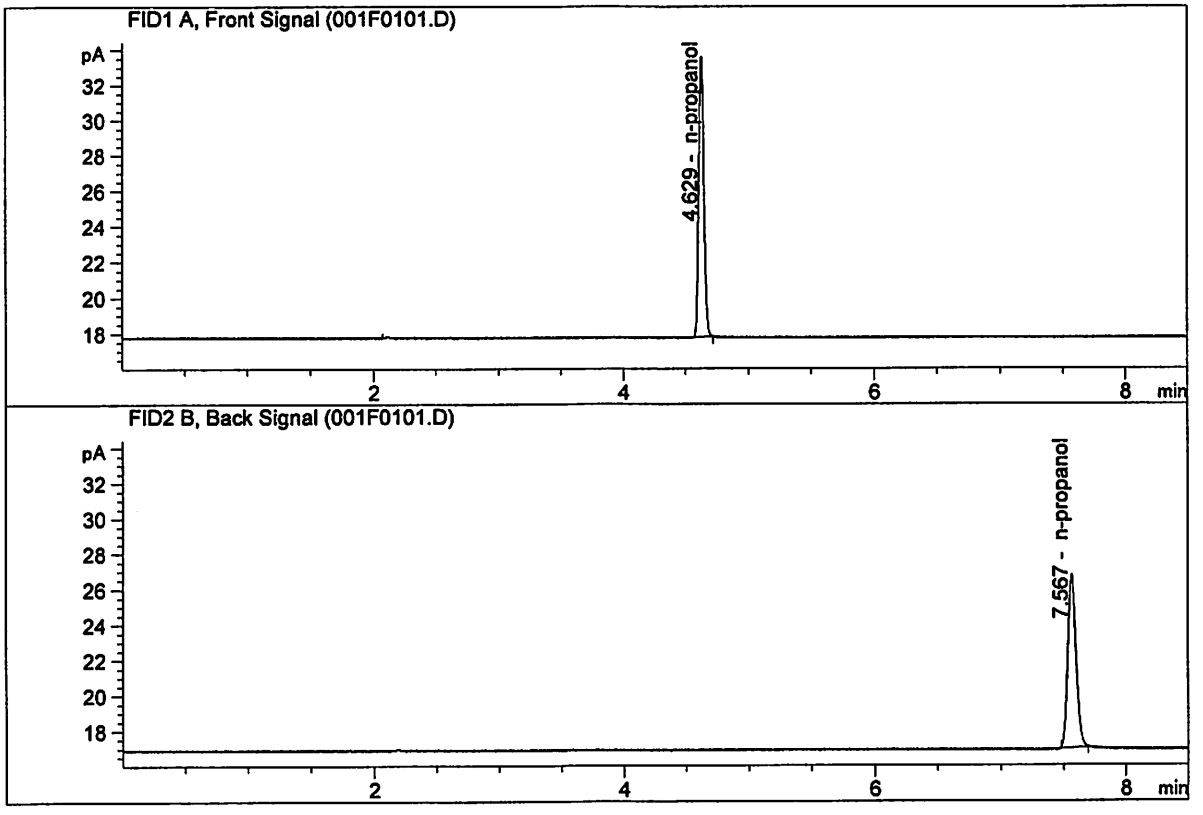
Sequence table: C:\Chem32\1\Data\11-14-19_CAL\11-14-19_CAL 2019-11-14 14-24-31\11-14-19_CAL.S
Data directory path: C:\Chem32\1\Data\11-14-19_CAL\11-14-19_CAL 2019-11-14 14-24-31\
Logbook: C:\Chem32\1\Data\11-14-19_CAL\11-14-19_CAL 2019-11-14 14-24-31\11-14-19_CAL.LOG
Sequence start: 11/14/2019 2:39:08 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\11-14-19_CAL\11-14-19_CAL 2019-11-14 14-24-31\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

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Nov 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

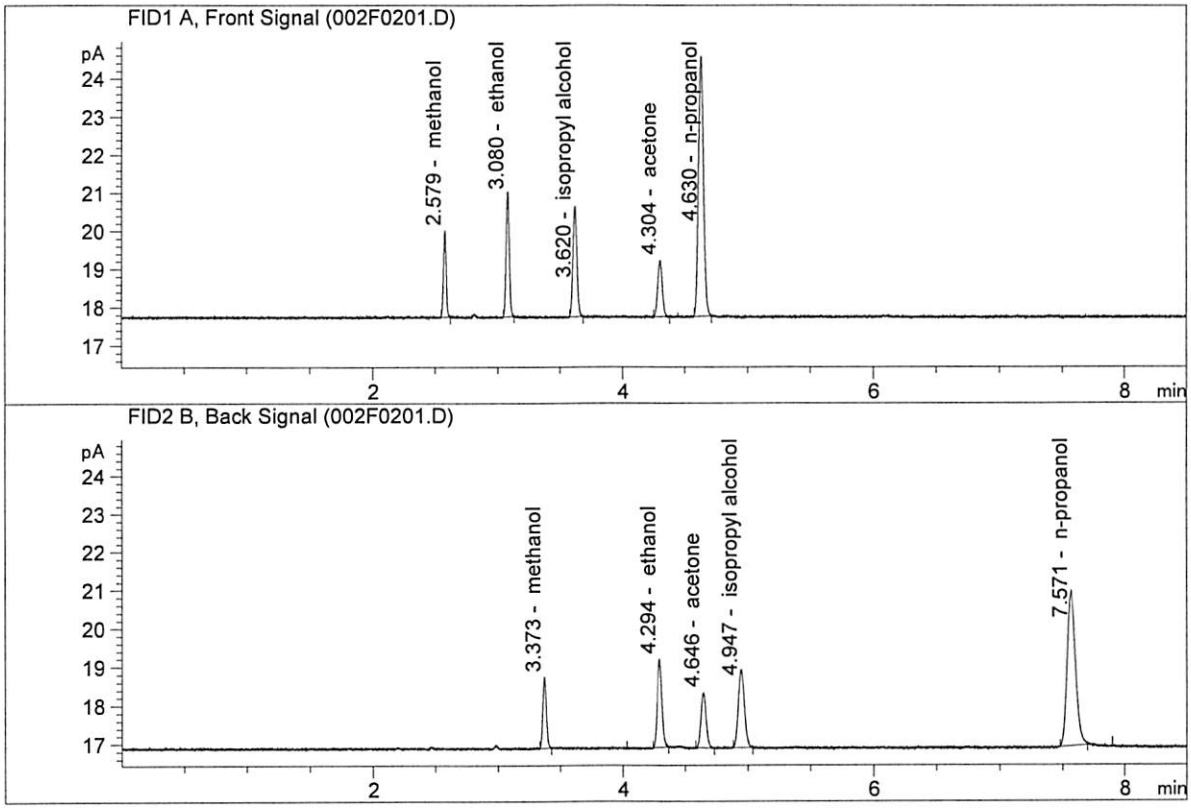


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	44.91570	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.06695	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : Nov 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	5.83383	0.1581	g/100cc
2.	Ethanol	Column 2:	6.04143	0.1597	g/100cc
3.	n-Propanol	Column 1:	19.18382	1.0000	g/100cc
4.	n-Propanol	Column 2:	19.43341	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 21 Nov 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0803	0.0807	0.0004	0.0805	0.0803	
(g/100cc)	0.0800	0.0804	0.0004	0.0802		

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

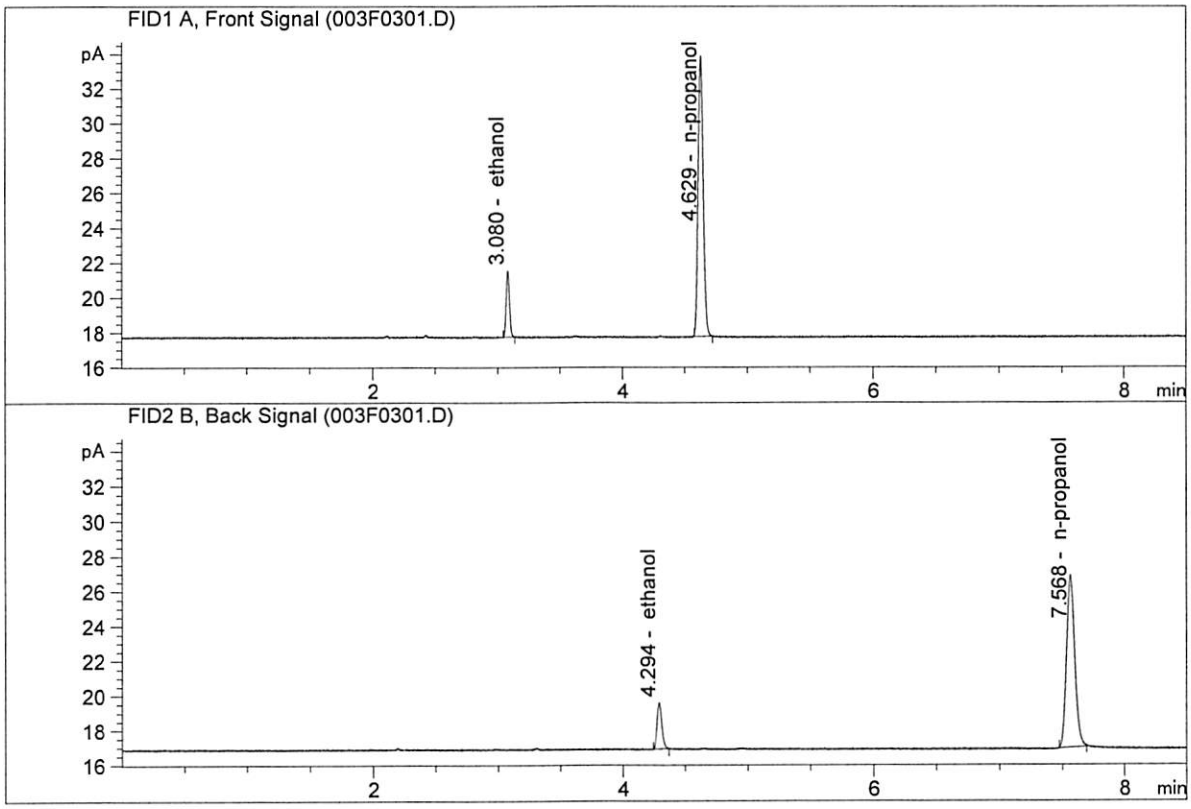
Reported Result
0.080

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

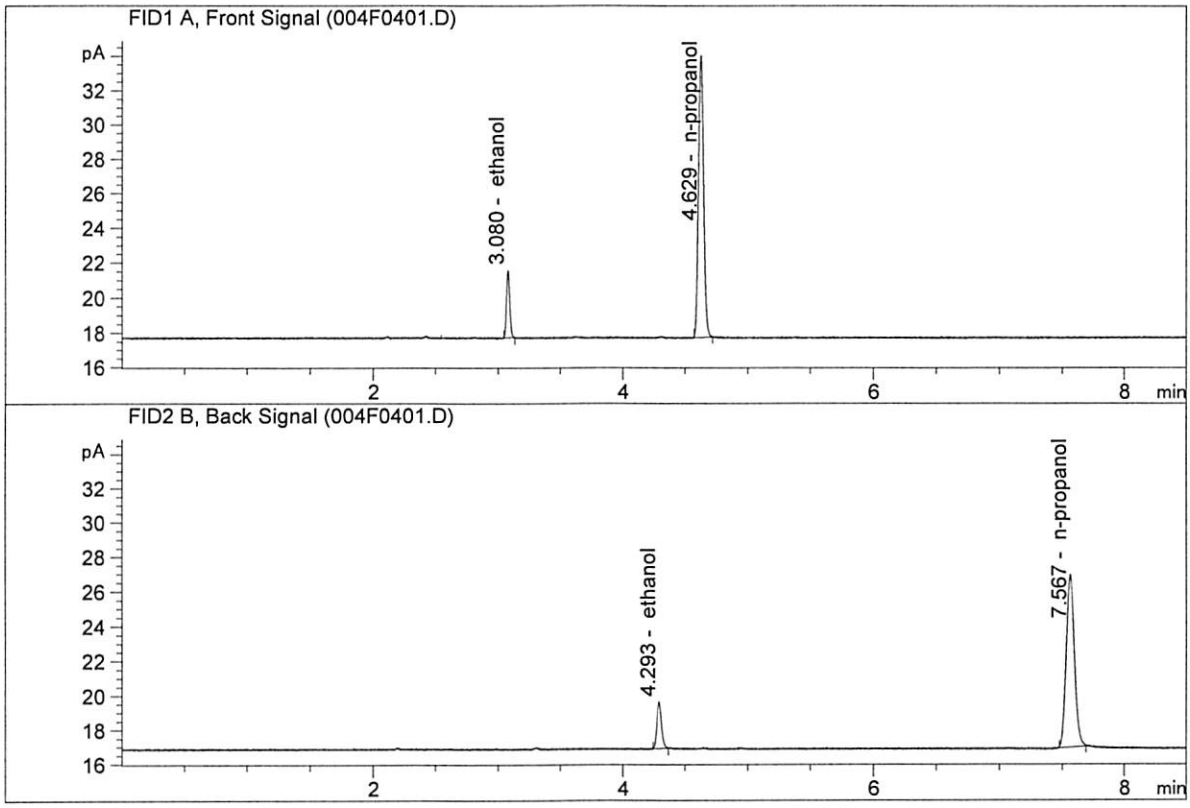
Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Nov 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.03441	0.0803	g/100cc
2.	Ethanol	Column 2:	7.23887	0.0807	g/100cc
3.	n-Propanol	Column 1:	45.91500	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.54589	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Nov 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.05732	0.0800	g/100cc
2.	Ethanol	Column 2:	7.25774	0.0804	g/100cc
3.	n-Propanol	Column 1:	46.28027	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.85252	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 21 Nov 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0800	0.0799	0.0001	0.0799	0.0803	
(g/100cc)	0.0807	0.0808	0.0001	0.0807		

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%**

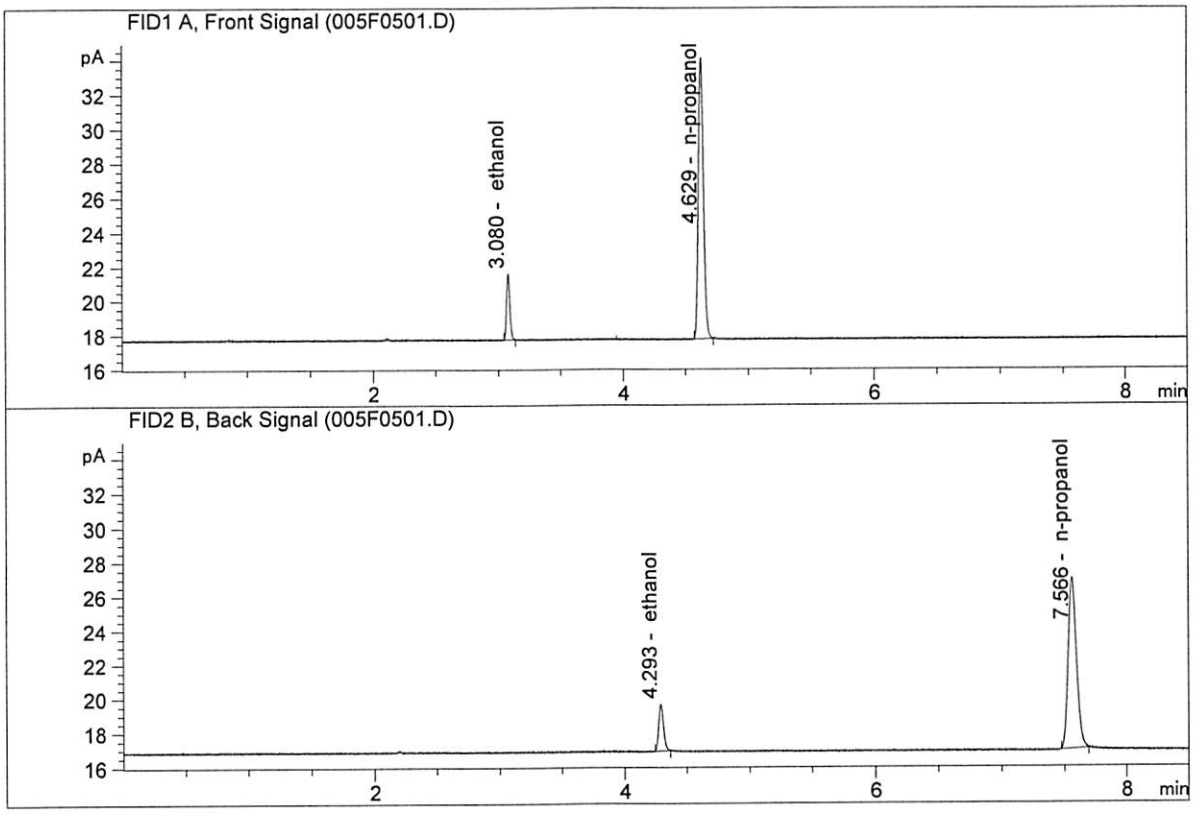
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

	Reported Result	
	0.080	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

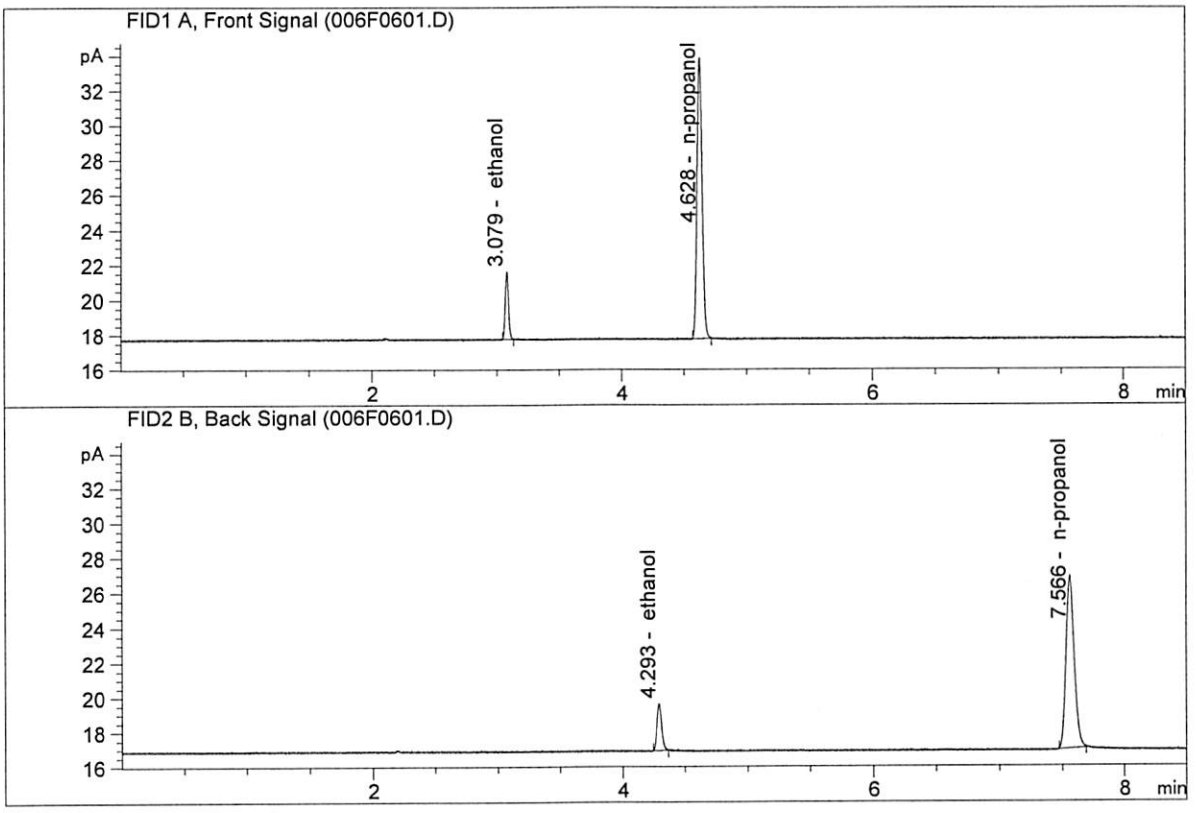
Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Nov 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.10563	0.0800	g/100cc
2.	Ethanol	Column 2:	7.26755	0.0799	g/100cc
3.	n-Propanol	Column 1:	46.61069	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.25982	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Nov 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.06351	0.0807	g/100cc
2.	Ethanol	Column 2:	7.23096	0.0808	g/100cc
3.	n-Propanol	Column 1:	45.92347	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.45089	1.0000	g/100cc

JL

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 21 Nov 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2003	0.1992	0.0011	0.1997	0.2002	
(g/100cc)	0.2010	0.2003	0.0007	0.2006		

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
0.200	**0.190**	**0.210**	**0.010**

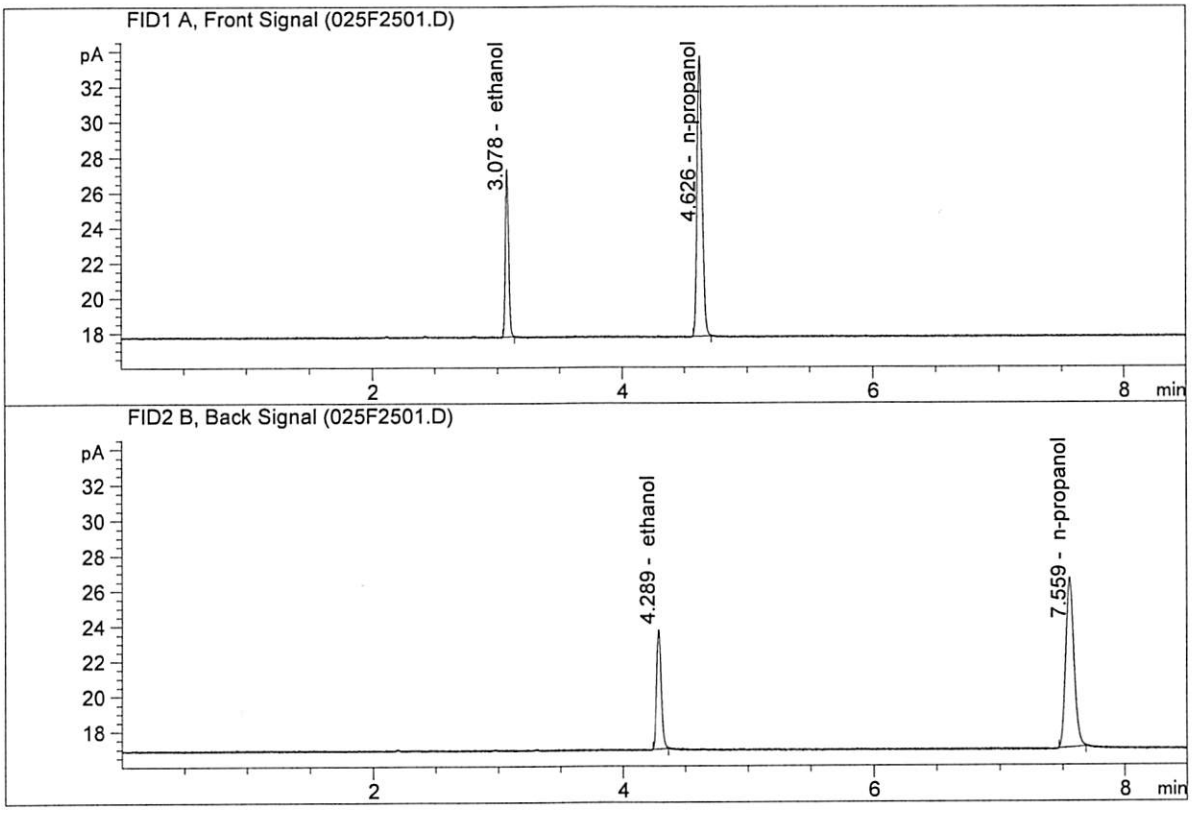
	Reported Result	
	0.200	

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Nov 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

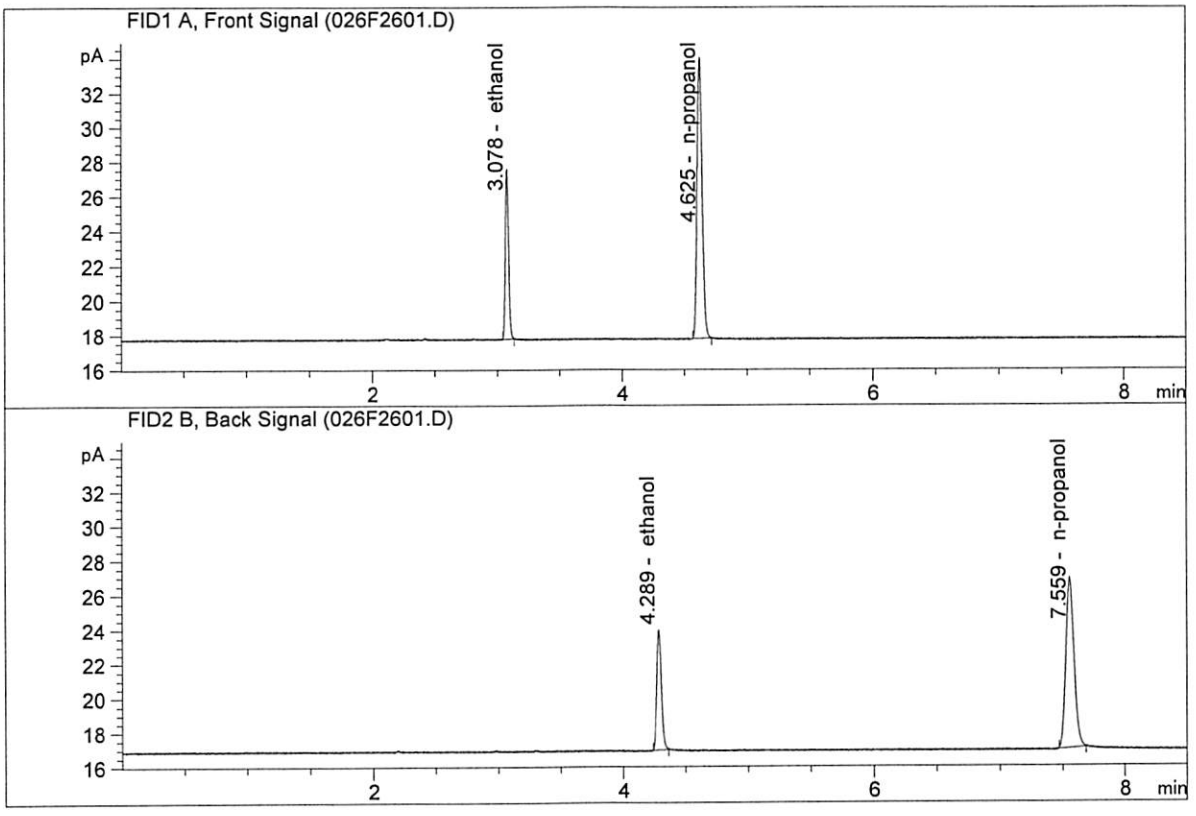


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.42929	0.2003	g/100cc
2.	Ethanol	Column 2:	18.07990	0.1992	g/100cc
3.	n-Propanol	Column 1:	45.15439	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.33994	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Nov 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.90802	0.2010	g/100cc
2.	Ethanol	Column 2:	18.60599	0.2003	g/100cc
3.	n-Propanol	Column 1:	46.23093	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.41755	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 22 Nov 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0815	0.0817	0.0002	0.0816	0.0819	
(g/100cc)	0.0818	0.0826	0.0008	0.0822		

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

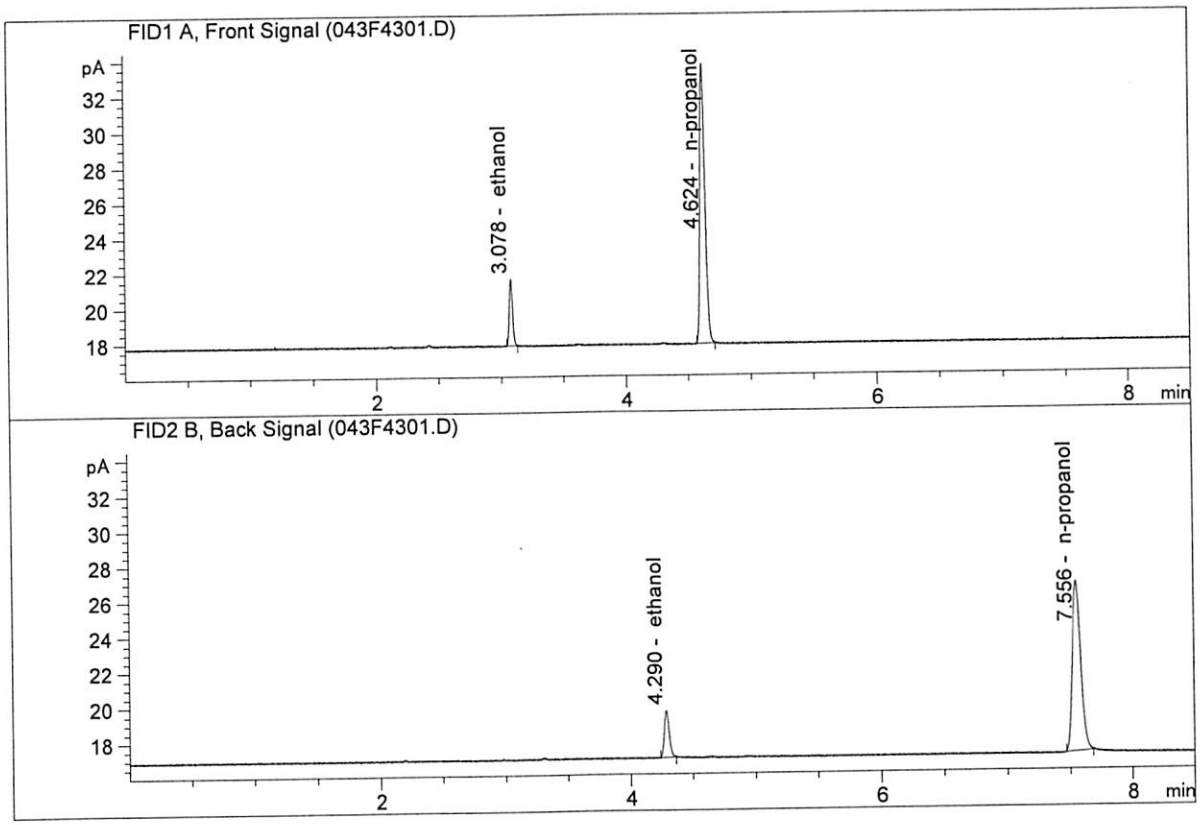
	Reported Result	
	0.081	

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Nov 22, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

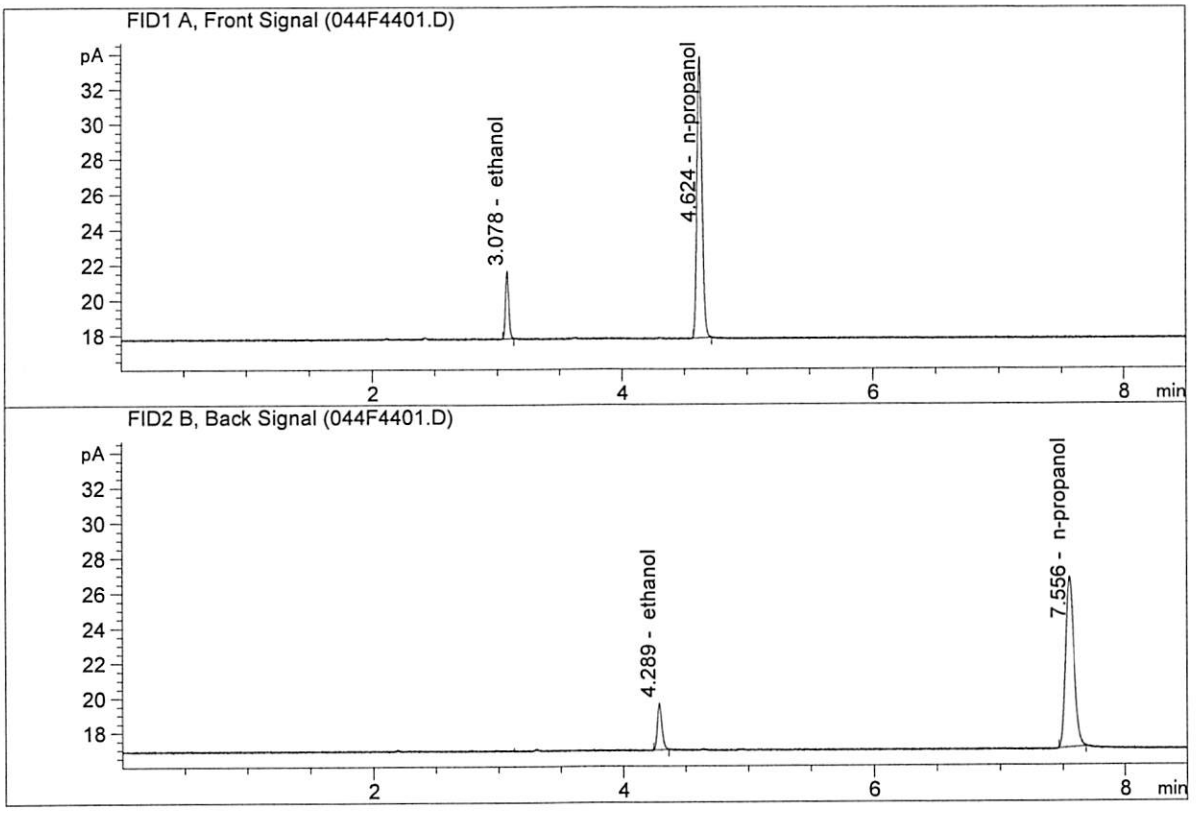


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.98079	0.0815	g/100cc
2.	Ethanol	Column 2:	7.11924	0.0817	g/100cc
3.	n-Propanol	Column 1:	44.90052	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.13519	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

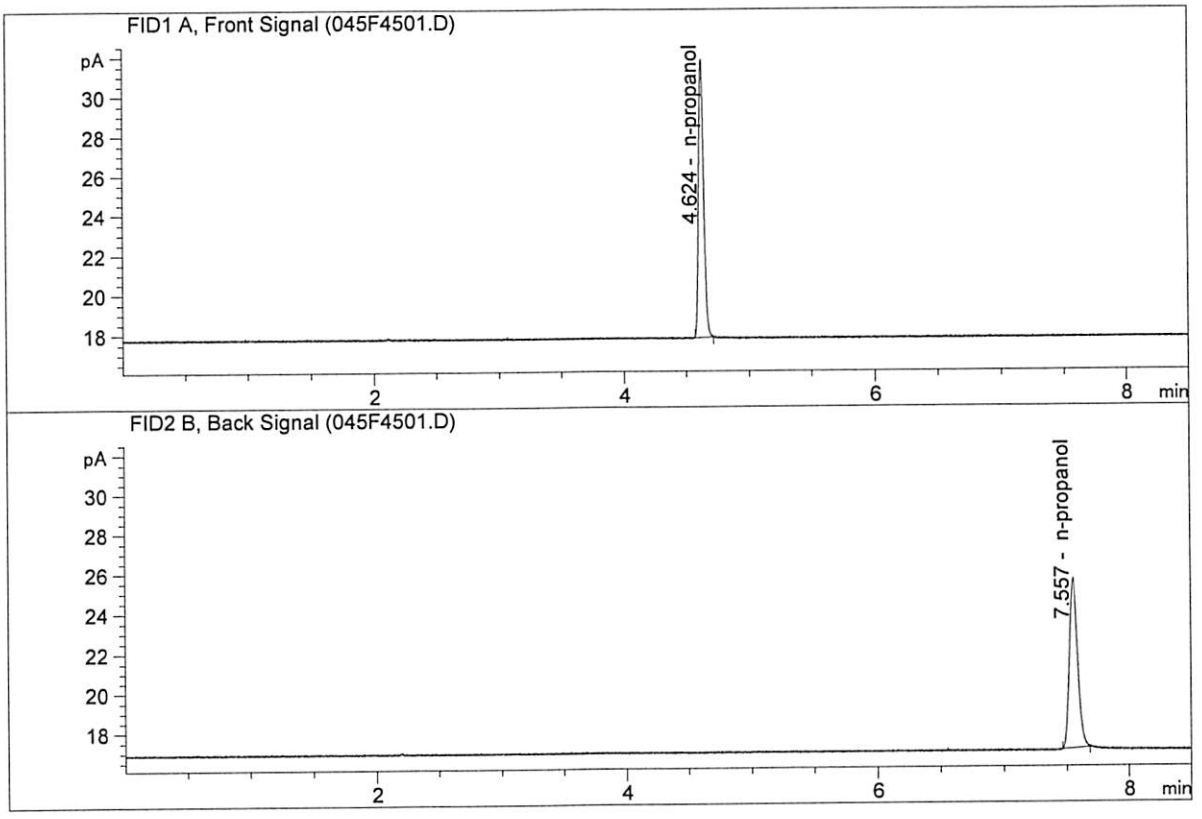
Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Nov 22, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.10197	0.0818	g/100cc
2.	Ethanol	Column 2:	7.28473	0.0826	g/100cc
3.	n-Propanol	Column 1:	45.51289	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.71546	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Nov 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:	39.76707	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.62142	1.0000	g/100cc

JC

Sequence File C:\Chem32\...9_SAMPLES\11-21-19_SAMPLES 2019-11-21 16-27-54\11-21-19_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\11-21-19_SAMPLES\11-21-19_SAMPLES 2019-11-21 16-27-54\11-21-19_SAMPLES.S
Data directory path: C:\Chem32\1\Data\11-21-19_SAMPLES\11-21-19_SAMPLES 2019-11-21 16-27-54\
Logbook: C:\Chem32\1\Data\11-21-19_SAMPLES\11-21-19_SAMPLES 2019-11-21 16-27-54\11-21-19_SAMPLES.LOG
Sequence start: 11/21/2019 4:42:42 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\11-21-19_SAMPLES\11-21-19_SAMPLES 2019-11-21 16-27-54\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	M2019-5116-1-A	-	1.0000	007F0701.D	4
8	8	1	M2019-5116-1-B	-	1.0000	008F0801.D	4
9	9	1	M2019-5117-1-A	-	1.0000	009F0901.D	2
10	10	1	M2019-5117-1-B	-	1.0000	010F1001.D	2
11	11	1	M2019-5118-1-A	-	1.0000	011F1101.D	4
12	12	1	M2019-5118-1-B	-	1.0000	012F1201.D	4
13	13	1	M2019-5122-1-A	-	1.0000	013F1301.D	4
14	14	1	M2019-5122-1-B	-	1.0000	014F1401.D	4
15	15	1	M2019-~~5123~~-1-A JG 11/22/19 S153	-	1.0000	015F1501.D	2
16	16	1	M2019-~~5123~~-1-B JG 11/22/19 S153	-	1.0000	016F1601.D	2
17	17	1	M2019-5169-2-A	-	1.0000	017F1701.D	2
18	18	1	M2019-5169-2-B	-	1.0000	018F1801.D	2
19	19	1	M2019-5170-1-A	-	1.0000	019F1901.D	4
20	20	1	M2019-5170-1-B	-	1.0000	020F2001.D	4
21	21	1	M2019-5190-1-A	-	1.0000	021F2101.D	4
22	22	1	M2019-5190-1-B	-	1.0000	022F2201.D	4
23	23	1	M2019-5211-1-A	-	1.0000	023F2301.D	4
24	24	1	M2019-5211-1-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	M2019-5224-1-A	-	1.0000	027F2701.D	2
28	28	1	M2019-5224-1-B	-	1.0000	028F2801.D	2
29	29	1	M2019-5227-1-A	-	1.0000	029F2901.D	4
30	30	1	M2019-5227-1-B	-	1.0000	030F3001.D	4
31	31	1	M2019-5228-1-A	-	1.0000	031F3101.D	4
32	32	1	M2019-5228-1-B	-	1.0000	032F3201.D	4
33	33	1	M2019-5229-1-A	-	1.0000	033F3301.D	4
34	34	1	M2019-5229-1-B	-	1.0000	034F3401.D	4
35	35	1	M2019-5230-1-A	-	1.0000	035F3501.D	4
36	36	1	M2019-5230-1-B	-	1.0000	036F3601.D	4
37	37	1	M2019-5257-1-A	-	1.0000	037F3701.D	4
38	38	1	M2019-5257-1-B	-	1.0000	038F3801.D	4
39	39	1	M2019-5258-1-A	-	1.0000	039F3901.D	4
40	40	1	M2019-5258-1-B	-	1.0000	040F4001.D	4
41	41	1	M2019-5260-1-A	-	1.0000	041F4101.D	4
42	42	1	M2019-5260-1-B	-	1.0000	042F4201.D	4
43	43	1	QC1-2-A	-	1.0000	043F4301.D	4

JC

Sequence File C:\Chem32\...9_SAMPLES\11-21-19_SAMPLES 2019-11-21 16-27-54\11-21-19_SAMPLES.S

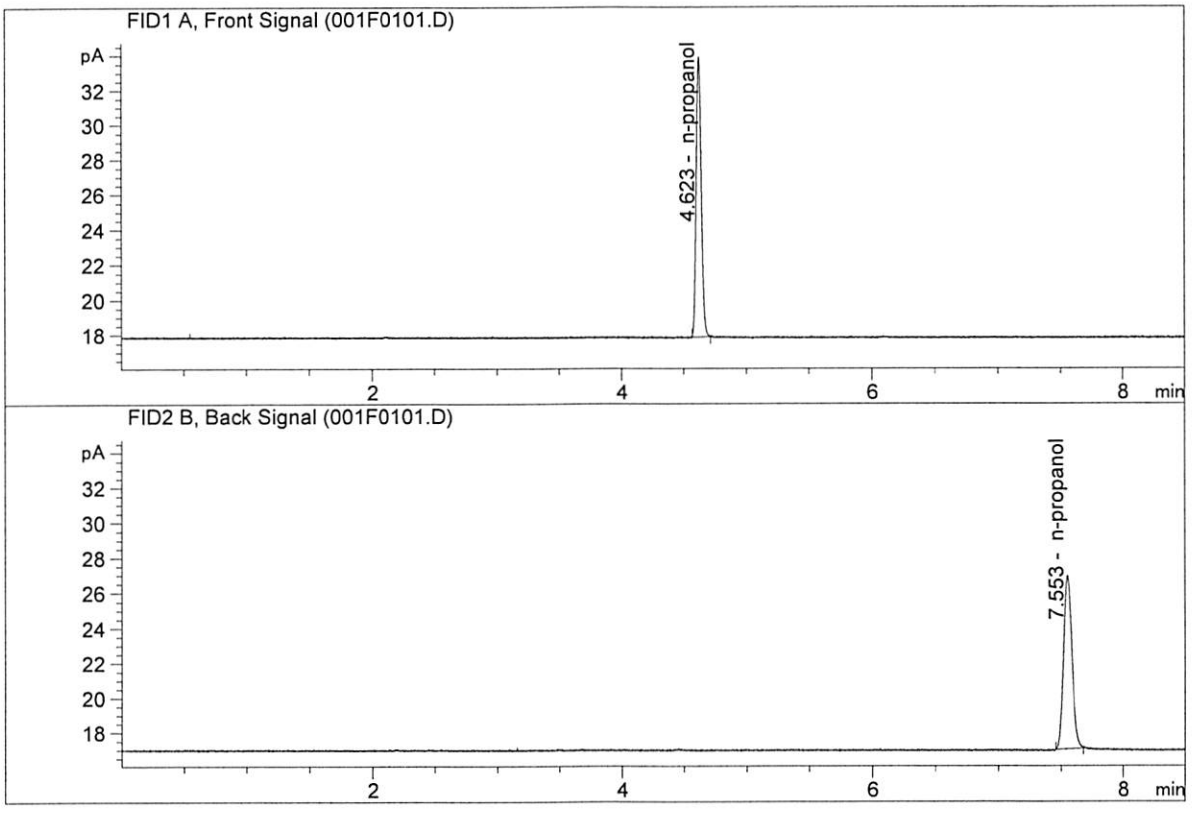
Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	QC1-2-B	-	1.0000	044F4401.D	4
45	45	1	INTERNAL STD BLK	-	1.0000	045F4501.D	2

Method file name: C:\Chem32\1\Data\11-21-19_SAMPLES\11-21-19_SAMPLES 2019-11-21 16-27-54 \SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
46	46	1	EMPTY	-	1.0000	046F4601.D	0

ISP Forensic Services Blood Alcohol Report

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

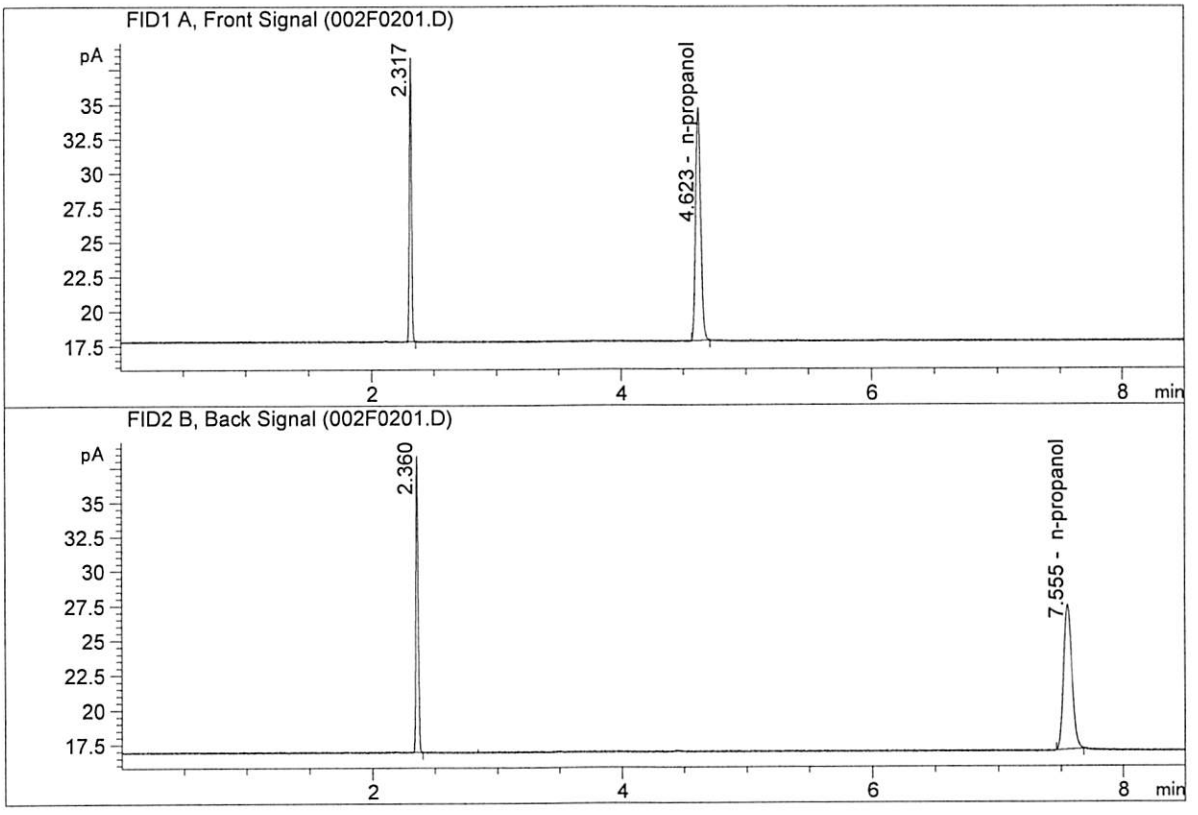


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	45.29617	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.26802	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

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

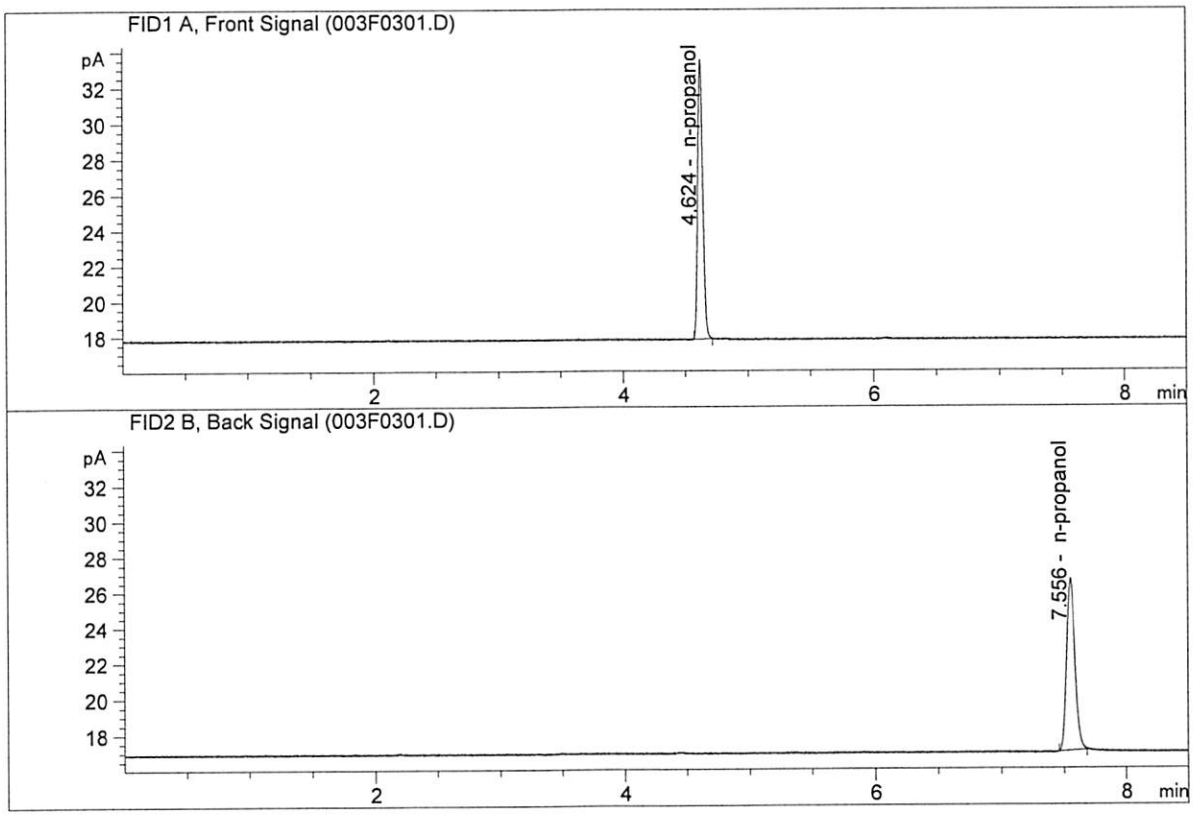


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	47.67128	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.56472	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

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

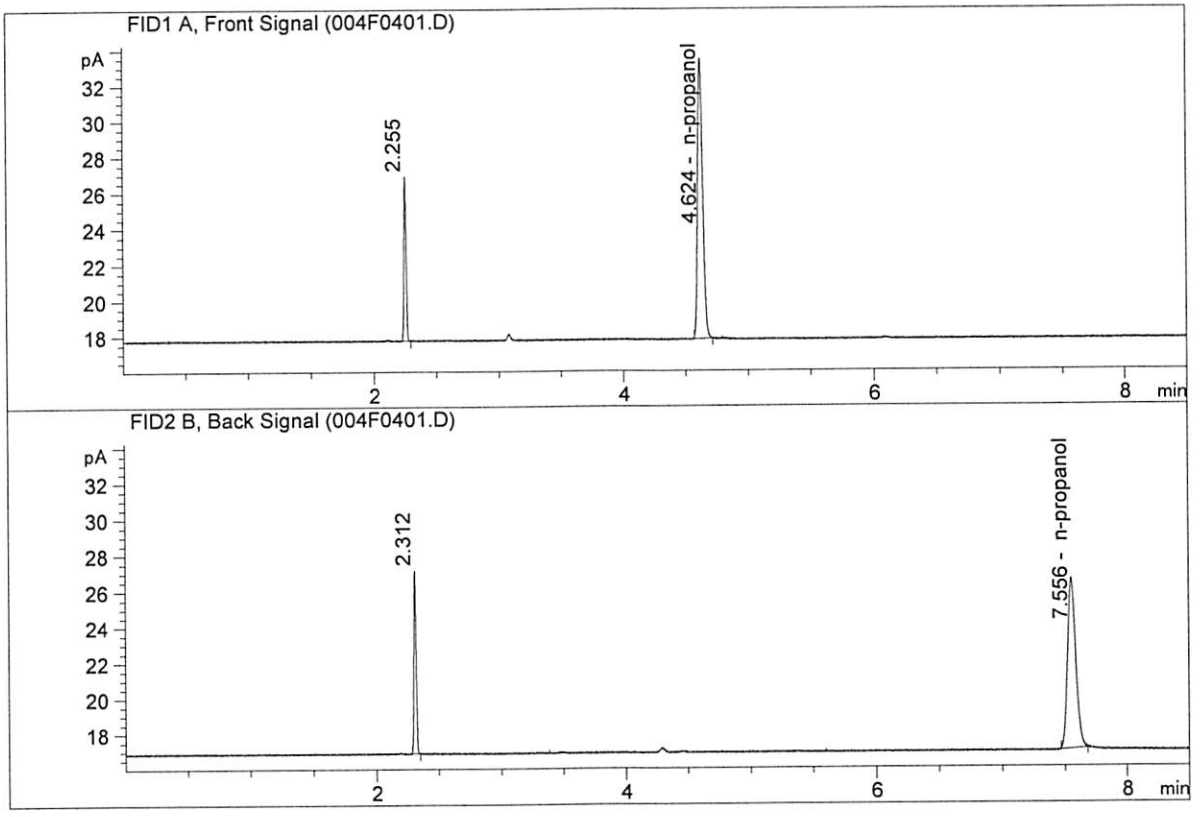


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	44.35149	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.87909	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

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

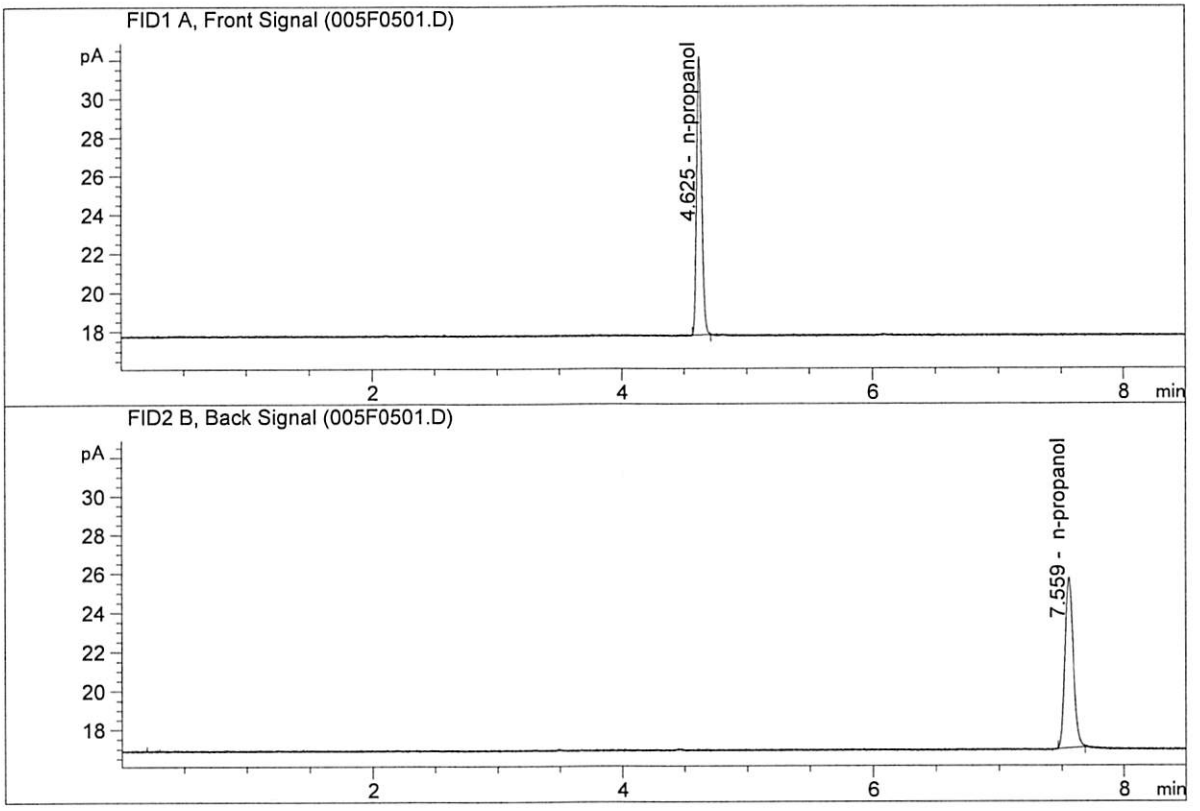


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	44.32141	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.61937	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Nov 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:	40.45114	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.62303	1.0000	g/100cc

JG

Sequence File C:\Chem32\1\Data\11-22-19_INH\11-22-19_INH 2019-11-22 08-17-47\11-22-19_INH.S

Sample Summary

Sequence table: C:\Chem32\1\Data\11-22-19_INH\11-22-19_INH 2019-11-22 08-17-47\11-22-19_INH.S
Data directory path: C:\Chem32\1\Data\11-22-19_INH\11-22-19_INH 2019-11-22 08-17-47\
Logbook: C:\Chem32\1\Data\11-22-19_INH\11-22-19_INH 2019-11-22 08-17-47\11-22-19_INH.LOG
Sequence start: 11/22/2019 8:32:26 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\11-22-19_INH\11-22-19_INH 2019-11-22 08-17-47\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	DFE 111914OM	-	1.0000	002F0201.D		2
3	3	1	INTERNAL STD BLK	-	1.0000	003F0301.D		2
4	4	1	TFE 111914	-	1.0000	004F0401.D		2
5	5	1	INTERNAL STD BLK	-	1.0000	005F0501.D		2

Method file name: C:\Chem32\1\Data\11-22-19_INH\11-22-19_INH 2019-11-22 08-17-47\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

JG