Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls

Run Date: 11/27/18-11/28/18

Calibration Date: 11/27/18

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0783 g/100cc
					0.0820 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2022 g/100cc
					g/100cc
					g/100cc
Multi-Component mixture:		**Exp date: Sept. 2020**	**Lot #**	FN06041502	OK
Curve Fit:			**Column 1**	0.99999 **Column2**	0.99995

Ethanol Calibration Reference Material								
Calibrator level	**Expiration**	**Cerilliant Lot #**	**Target Value**	**Acceptable Range**	**Column 1**	**Column 2**	**Precision**	**Mean**
0.050	Jul-19	FN06231406	0.050	0.045 - 0.055	0.0509	0.0516	0.0007	0.0512
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Aug-21	FN08101601	0.100	0.090 - 0.110	0.0996	0.1005	0.0009	0.1
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1993	0.1977	0.0016	0.1985
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.2997	0.2988	0.0009	0.2992
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Sep-21	FN08031602	0.500	0.450 - 0.550	0.5004	0.5014	0.001	0.5009

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

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

Issued: 4/22/2015

Volatiles QA/QC data spreadsheet Rev 5

Issuing Authority: Quality Manager

REVIEWED
By Melissa (Nikka) Bradley at 1:37 pm, Nov 29, 2018

MB

JC

Worklist: 2810

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2018-5757	1	132199	Alcohol Analysis
M2018-5758	1	132200	Alcohol Analysis
M2018-5773	1	132228	Alcohol Analysis
M2018-5774	1	132229	Alcohol Analysis
M2018-5775	1	132230	Alcohol Analysis
M2018-5793	1	132292	Alcohol Analysis
M2018-5794	1	132296	Alcohol Analysis
M2018-5814	1	132331	Alcohol Analysis
M2018-5832	1	132699	Alcohol Analysis
M2018-5833	1	132700	Alcohol Analysis
M2018-5834	1	132701	Alcohol Analysis
M2018-5835	1	132705	Alcohol Analysis
P2018-3187	1	132903	Alcohol Analysis
P2018-3261	3	132281	Alcohol Analysis
P2018-3276	2	132391	Alcohol Analysis

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Tuesday, November 27, 2018 4:11:30 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

JG

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	4.56194	1.09602e-2	No	No	1	ethanol
		2	1.00000e-1	9.10056	1.09883e-2				
		3	2.00000e-1	18.23166	1.09699e-2				
		4	3.00000e-1	27.76342	1.08056e-2				
		5	5.00000e-1	45.93099	1.08859e-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	4.60882	1.08488e-2	No	No	2	ethanol
		2	1.00000e-1	9.43937	1.05939e-2				
		3	2.00000e-1	18.92577	1.05676e-2				
		4	3.00000e-1	28.94269	1.03653e-2				
		5	5.00000e-1	48.35098	1.03411e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	48.52174	2.06093e-2	No	Yes	1	n-propanol
		2	1.00000	49.23827	2.03094e-2				
		3	1.00000	49.18580	2.03311e-2				
		4	1.00000	49.76912	2.00928e-2				
		5	1.00000	49.28674	2.02894e-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	50.37904	1.98495e-2	No	Yes	2	n-propanol
		2	1.00000	50.89652	1.96477e-2				
		3	1.00000	50.80914	1.96815e-2				
		4	1.00000	51.05636	1.95862e-2				
		5	1.00000	50.53856	1.97869e-2				

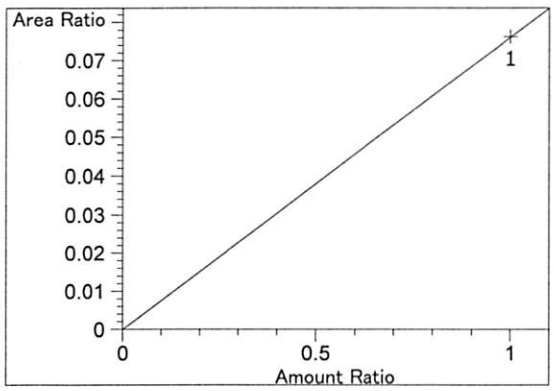
Peak Sum Table

No Entries in table

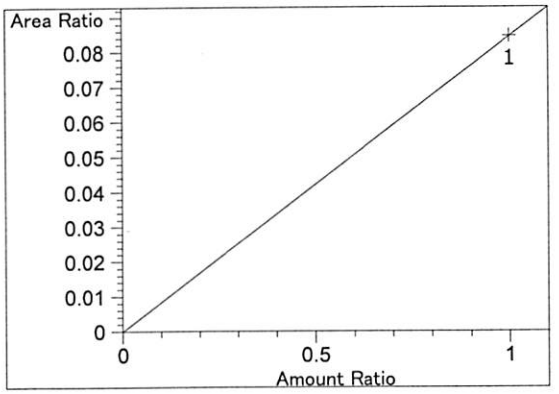
1 Warnings or Errors :

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

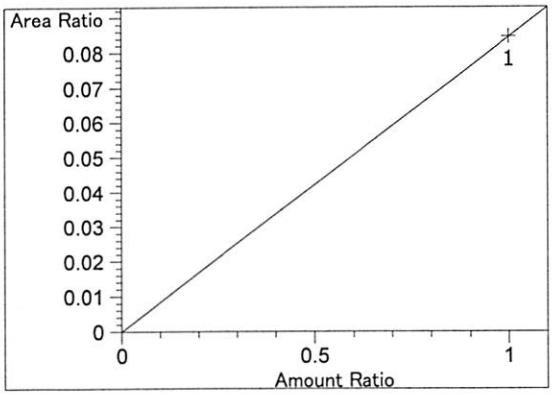
Calibration Curves



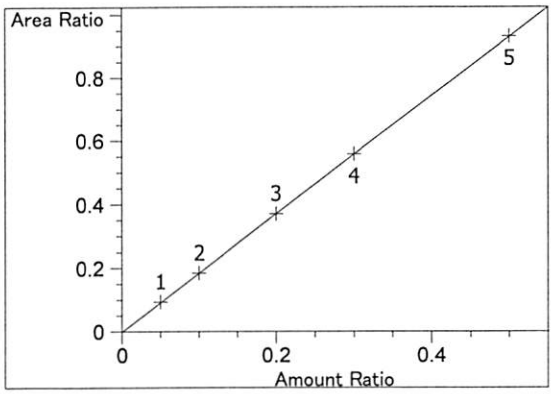
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.61864e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



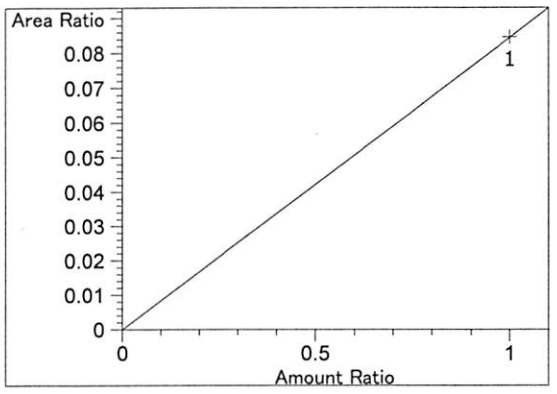
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.45788e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.45788e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

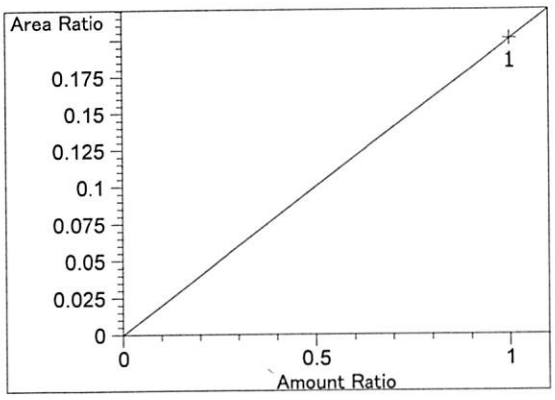


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00139
Formula: y = mx + b
m: 1.86402
b: -8.70668e-4
x: Amount Ratio
y: Area Ratio

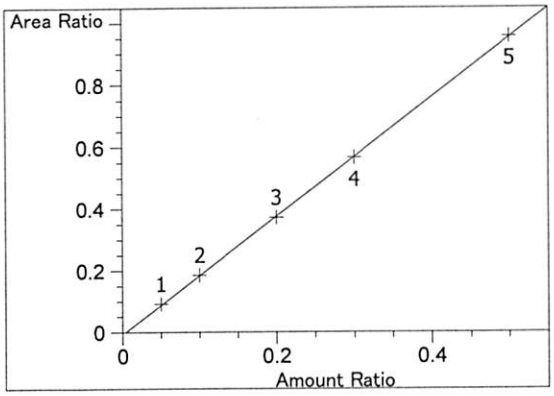


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.45714e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

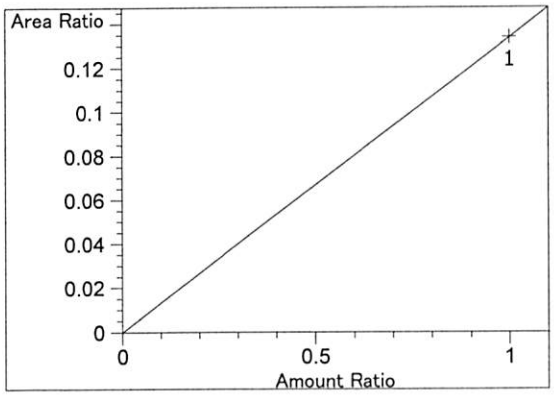
JG



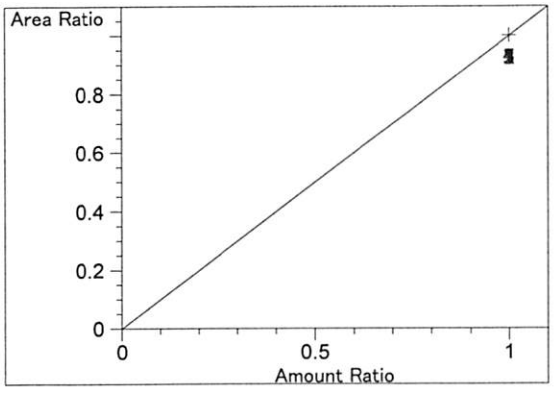
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.00540e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



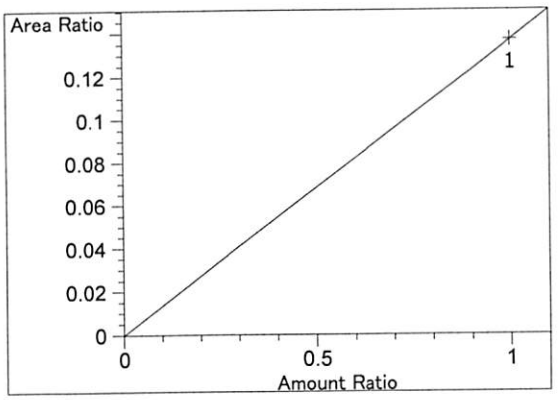
ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99995
Residual Std. Dev.: 0.00380
Formula: y = mx + b
m: 1.92377
b: -7.86251e-3
x: Amount Ratio
y: Area Ratio



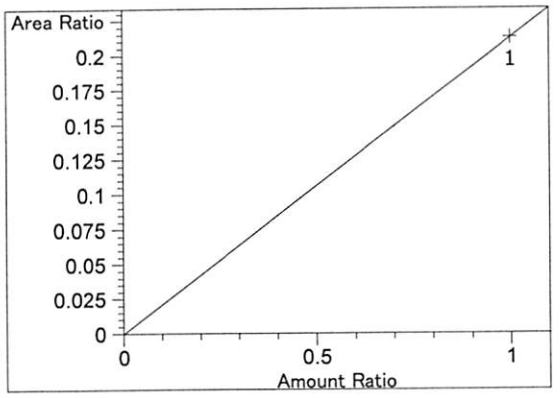
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.33948e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



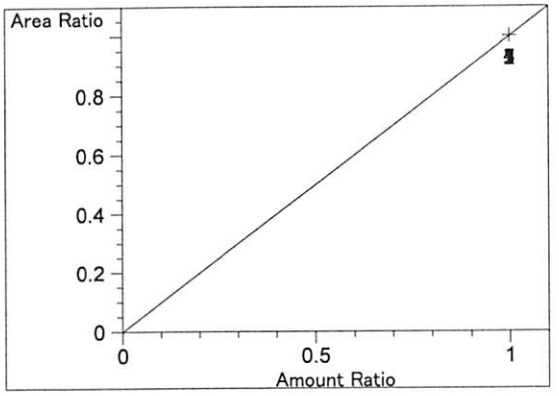
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.36823e-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: 2.12517e-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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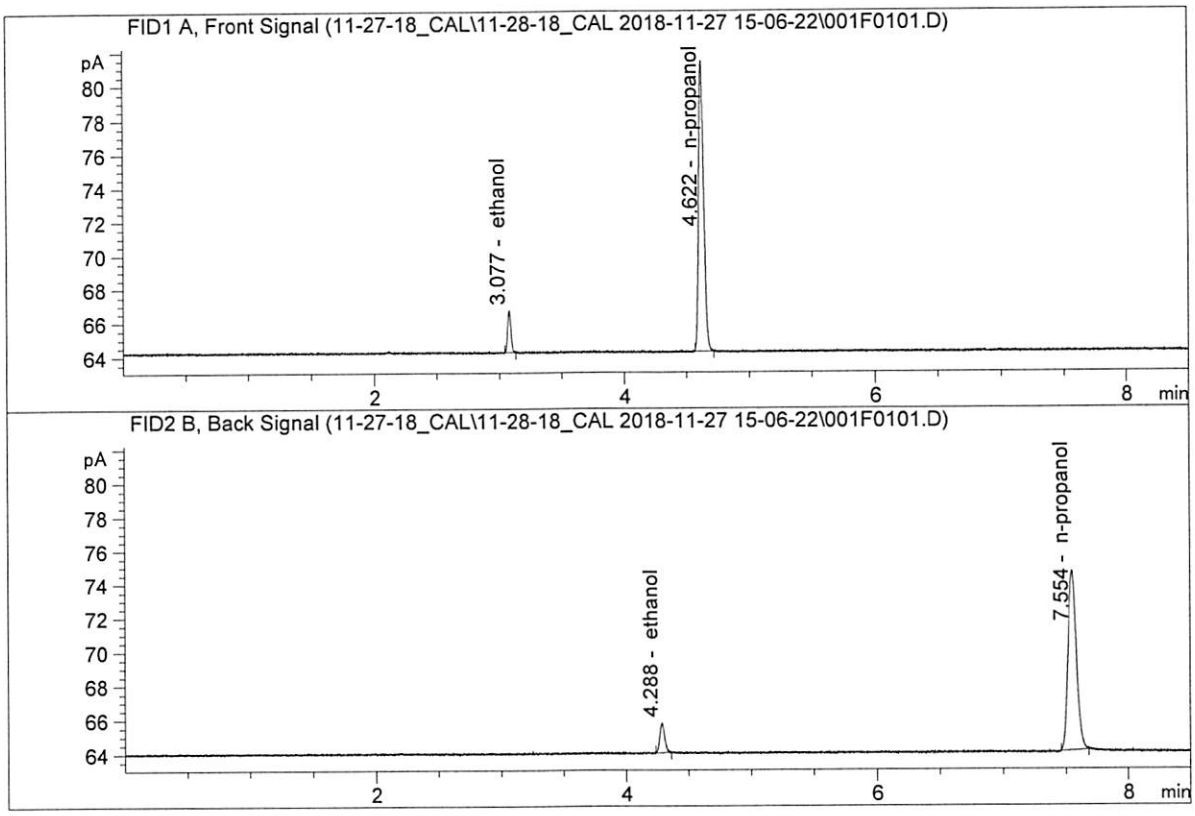
JG

ISP Forensic Services Blood Alcohol Report

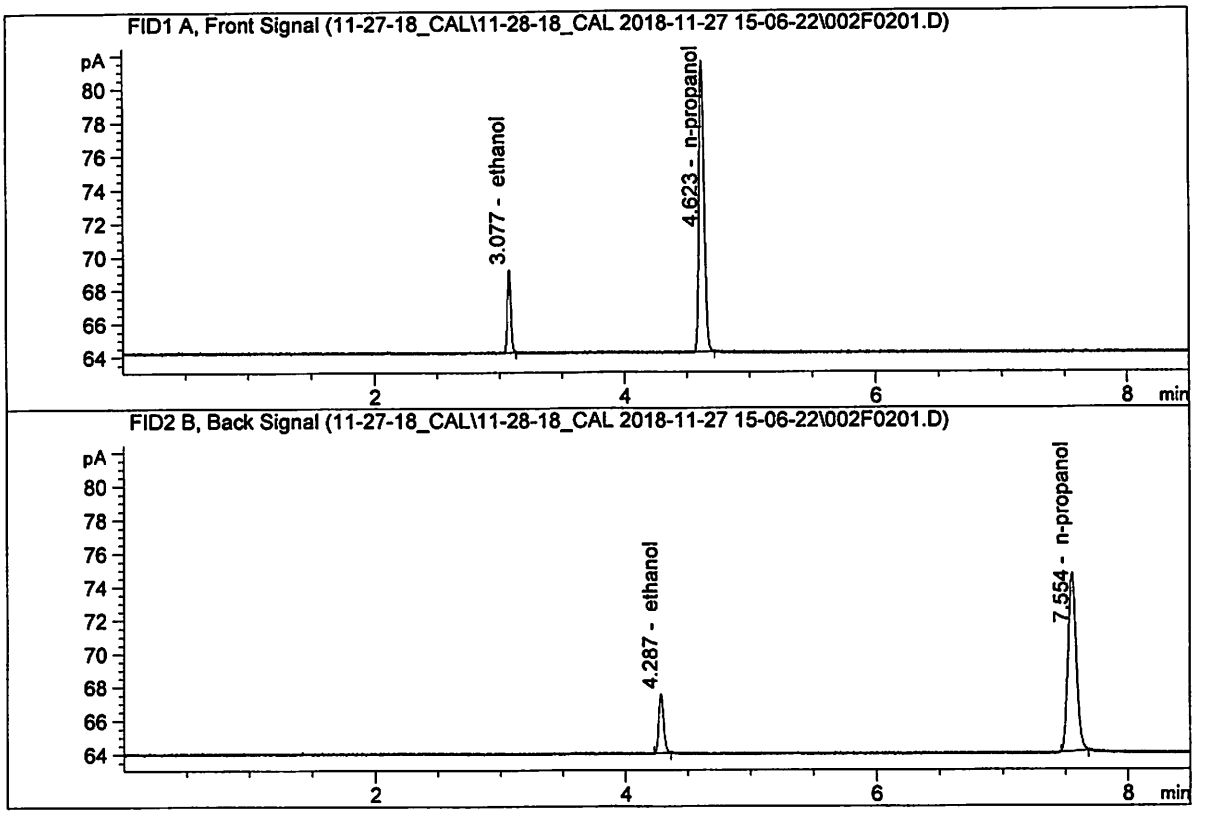
Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.56194	0.0509	g/100cc
2.	Ethanol	Column 2:	4.60882	0.0516	g/100cc
3.	n-Propanol	Column 1:	48.52174	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.37904	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

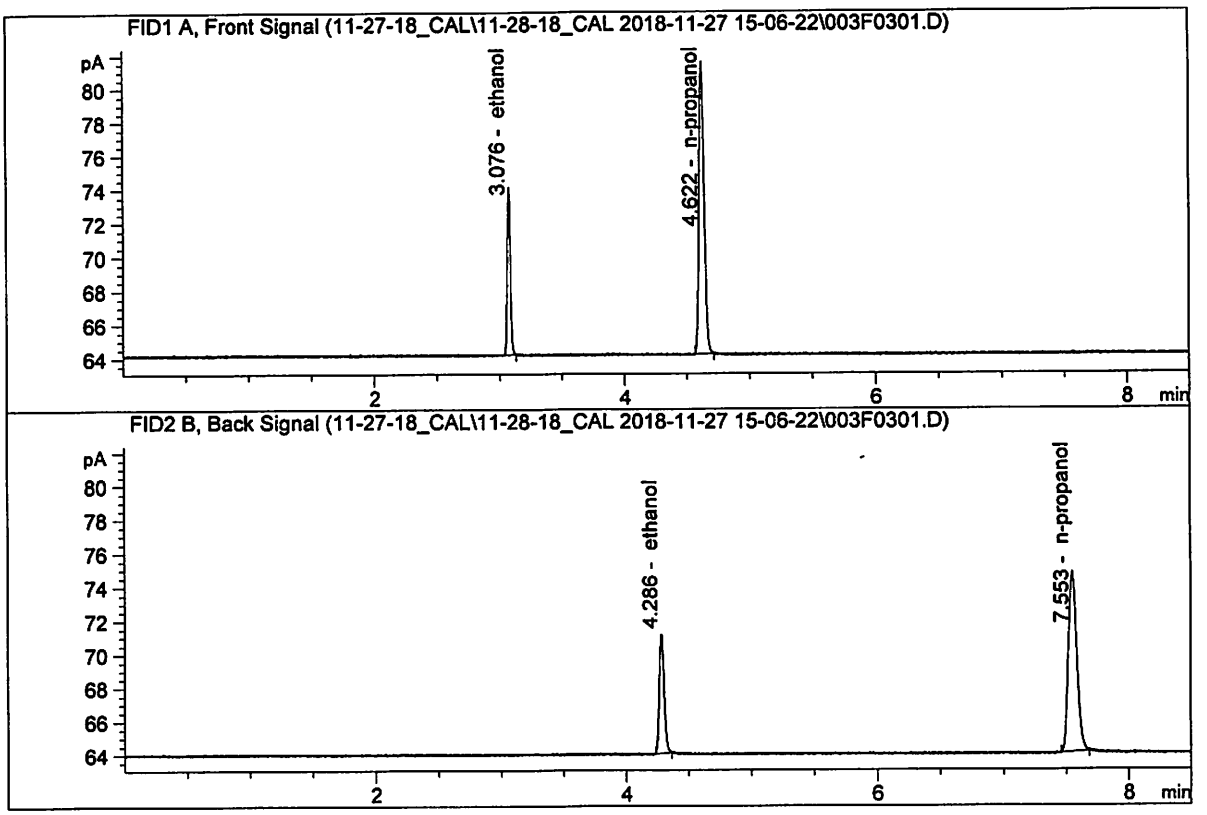
Sample Name : 0.100 FN08101601
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.10056	0.0996	g/100cc
2.	Ethanol	Column 2:	9.43937	0.1005	g/100cc
3.	n-Propanol	Column 1:	49.23827	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.89652	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN12011401
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

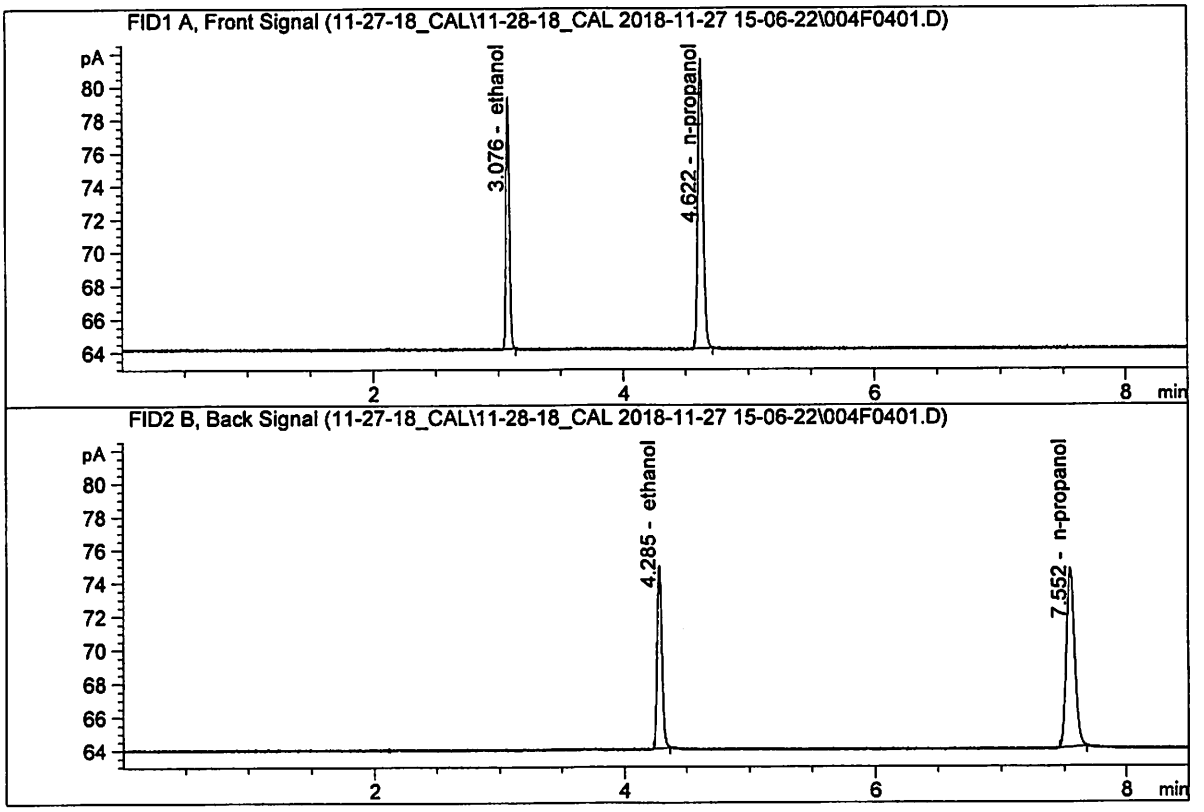


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.23166	0.1993	g/100cc
2.	Ethanol	Column 2:	18.92577	0.1977	g/100cc
3.	n-Propanol	Column 1:	49.18580	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.80914	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN02121601
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.76342	0.2997	g/100cc
2.	Ethanol	Column 2:	28.94269	0.2988	g/100cc
3.	n-Propanol	Column 1:	49.76912	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.05636	1.0000	g/100cc

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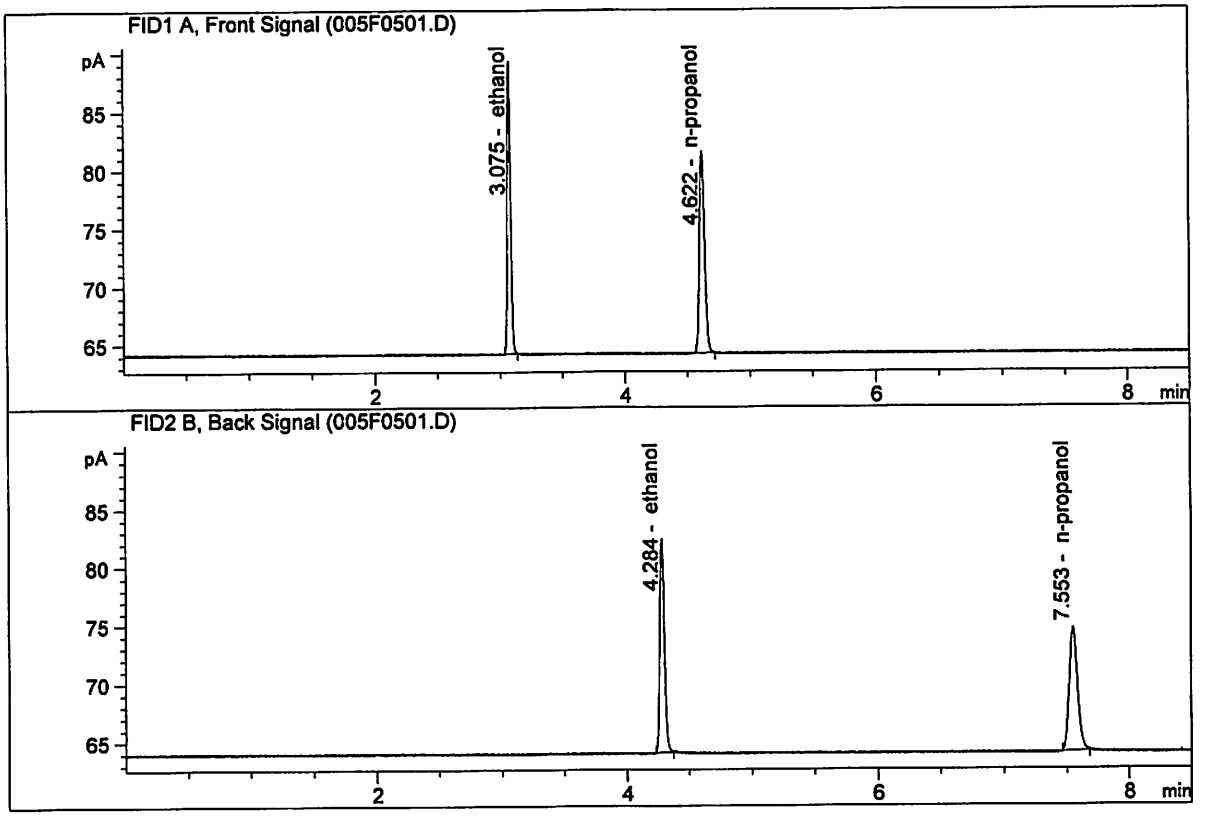
ISP Forensic Services Blood Alcohol Report

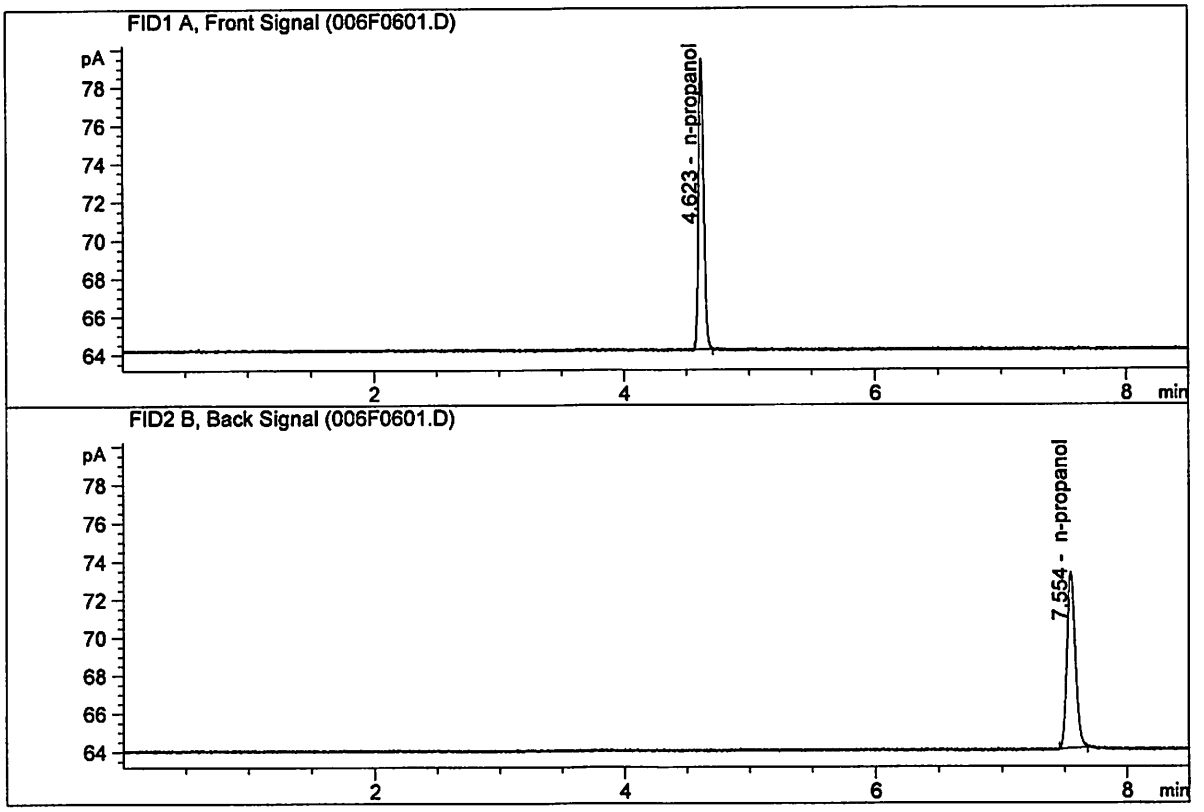
Sample Name : 0.500 FN08031602
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.93099	0.5004	g/100cc
2.	Ethanol	Column 2:	48.35098	0.5014	g/100cc
3.	n-Propanol	Column 1:	49.28674	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.53856	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	43.35644	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.46200	1.0000	g/100cc

Sequence File C:\Chem32\1\Data\11-27-18_CAL\11-28-18_CAL 2018-11-27 15-06-22\11-28-18_CAL.S

Sample Summary

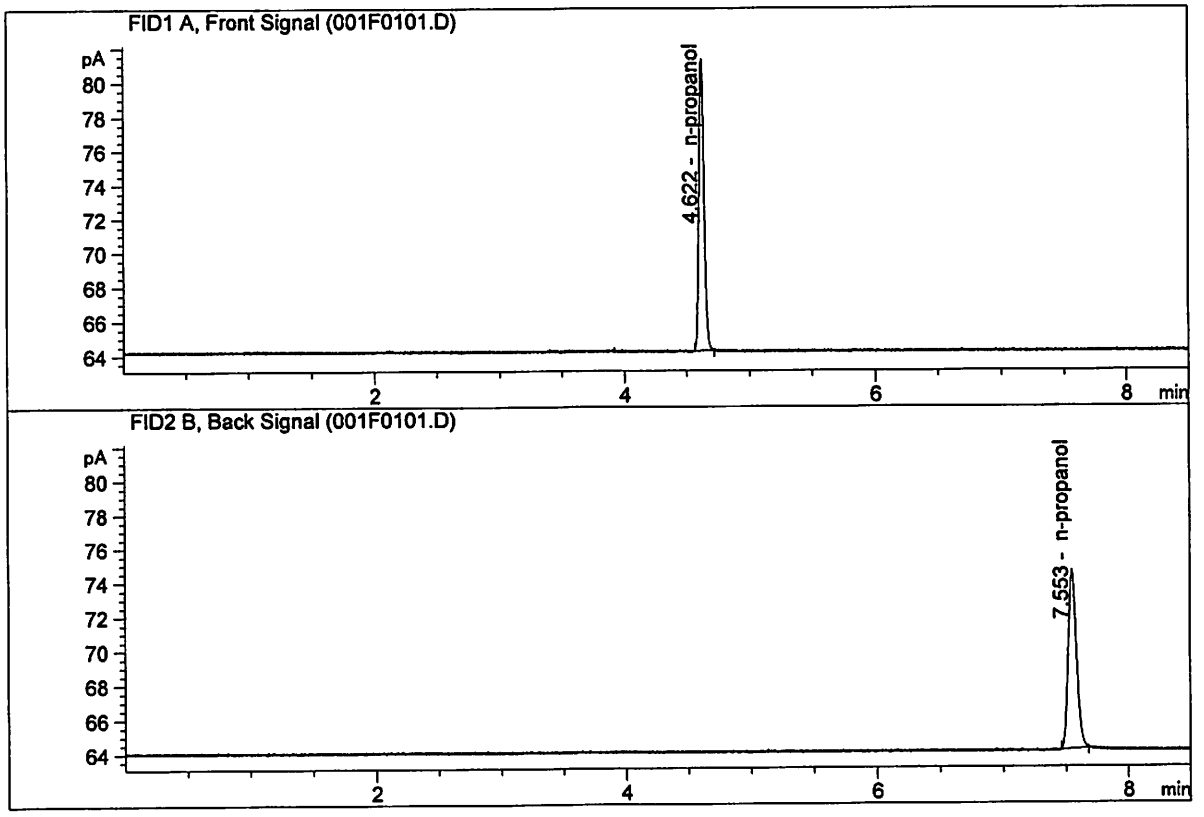
Sequence table: C:\Chem32\1\Data\11-27-18_CAL\11-28-18_CAL 2018-11-27 15-06-22\11-28-18_CAL.S
Data directory path: C:\Chem32\1\Data\11-27-18_CAL\11-28-18_CAL 2018-11-27 15-06-22\
Logbook: C:\Chem32\1\Data\11-27-18_CAL\11-28-18_CAL 2018-11-27 15-06-22\11-28-18_CAL.LOG
Sequence start: 11/27/2018 3:20:59 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\11-27-18_CAL\11-28-18_CAL 2018-11-27 15-06-22\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.050 FN06231406	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN08101601	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN12011401	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN02121601	-	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

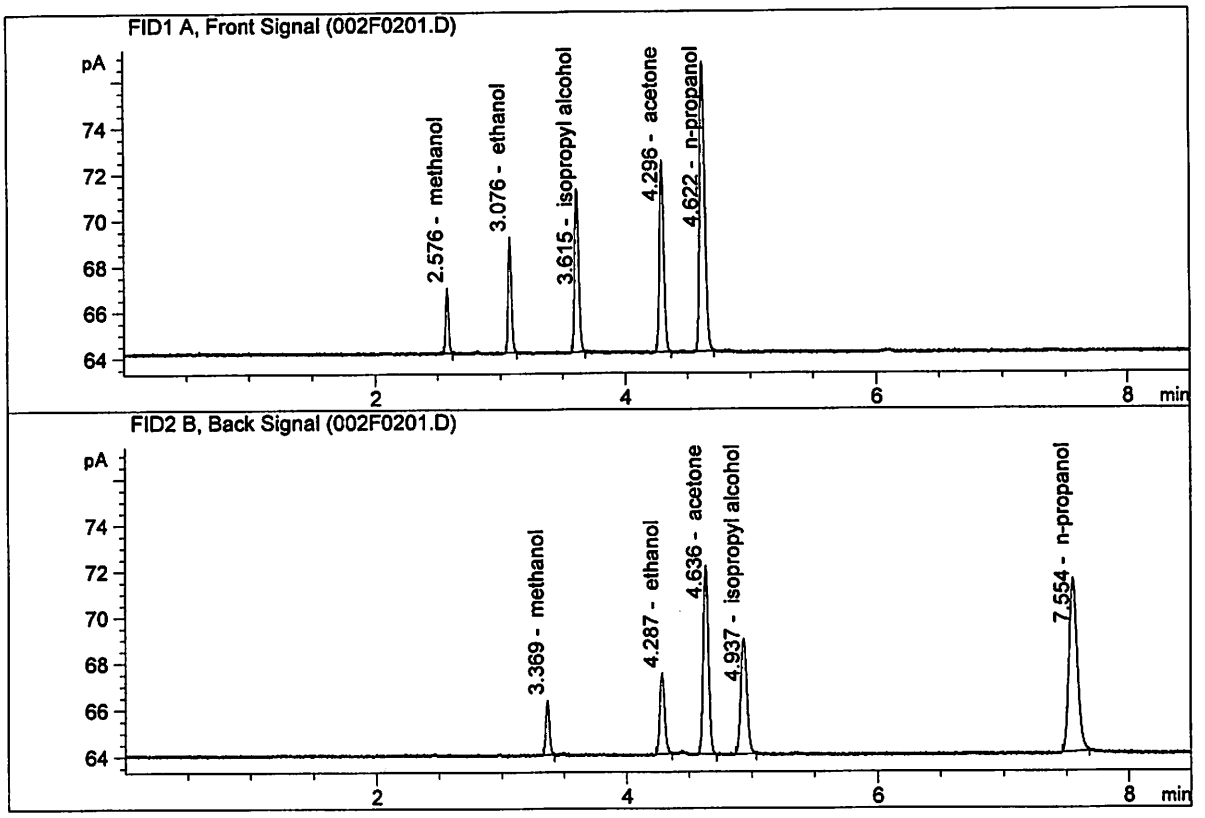
Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	48.68247	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.09259	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.05861	0.1382	g/100cc
2.	Ethanol	Column 2:	9.20218	0.1377	g/100cc
3.	n-Propanol	Column 1:	35.28971	1.0000	g/100cc
4.	n-Propanol	Column 2:	35.79841	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 27 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0783	0.0786	0.0003	0.0784	0.0783
(g/100cc)	0.0779	0.0784	0.0005	0.0781	

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

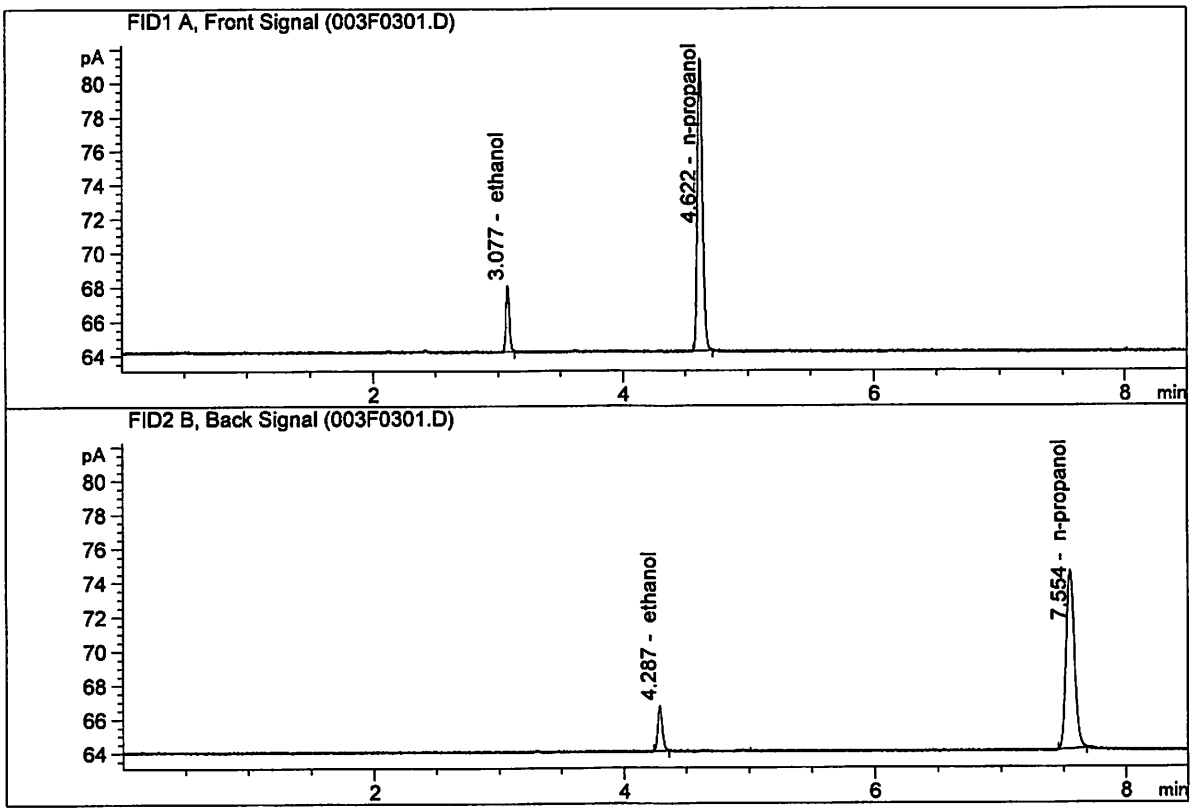
0.078

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

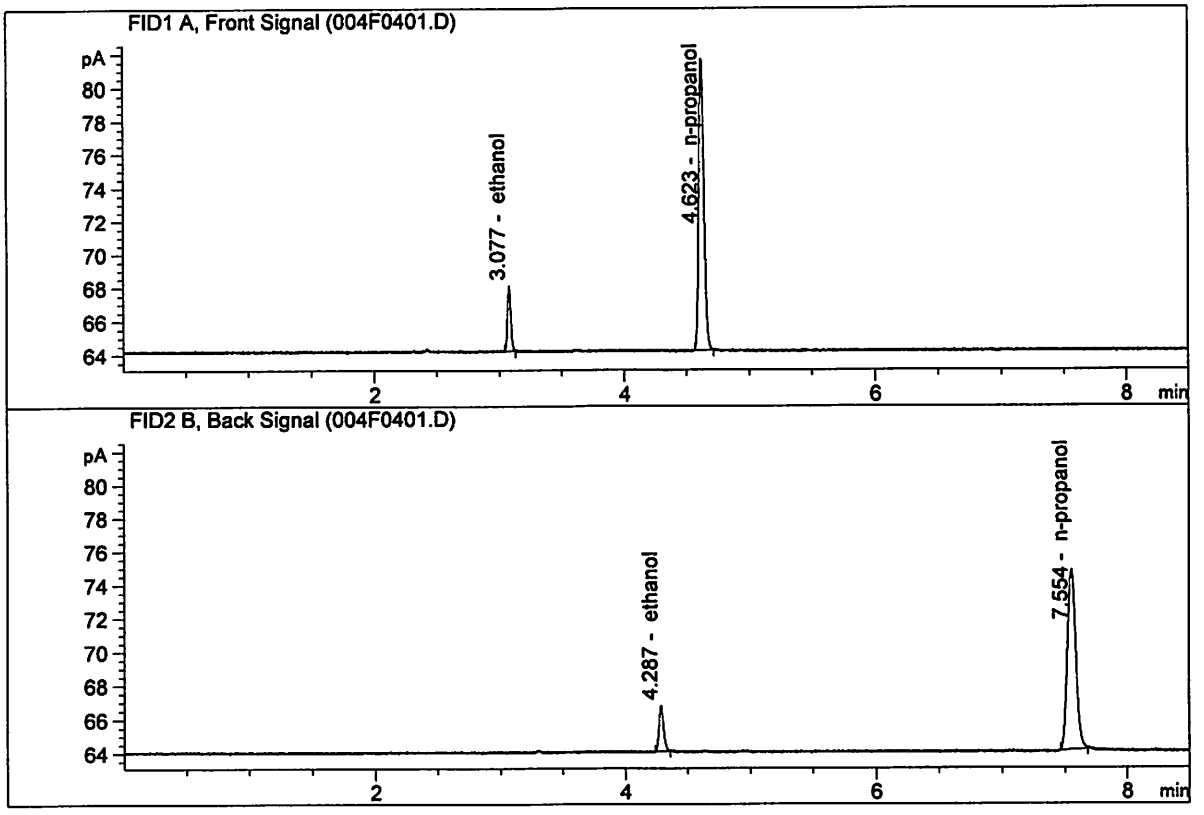


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.10048	0.0783	g/100cc
2.	Ethanol	Column 2:	7.19774	0.0786	g/100cc
3.	n-Propanol	Column 1:	48.93426	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.21319	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.15980	0.0779	g/100cc
2.	Ethanol	Column 2:	7.27578	0.0784	g/100cc
3.	n-Propanol	Column 1:	49.63566	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.85935	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 27 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0801	0.0818	0.0017	0.0809	0.0807
(g/100cc)	0.0805	0.0805	0.0000	0.0805	

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

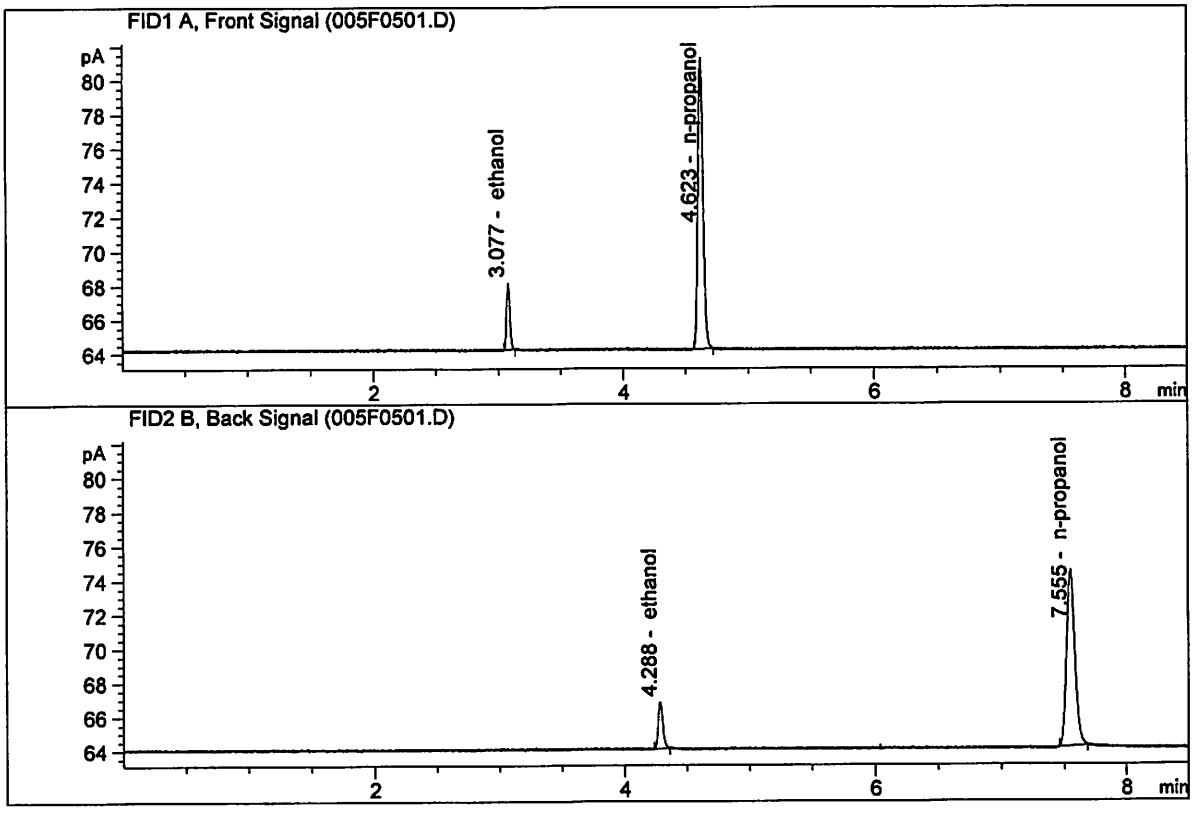
Reported Result

0.080

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

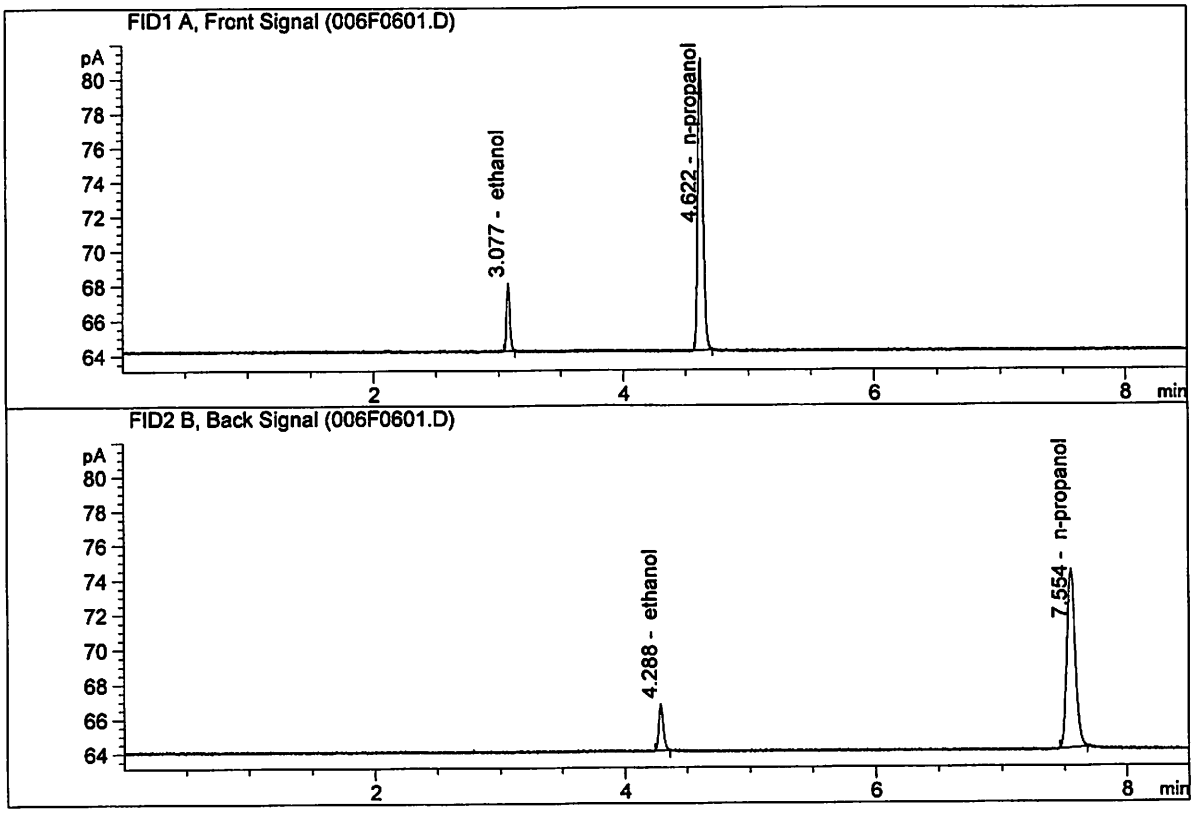
Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.22645	0.0801	g/100cc
2.	Ethanol	Column 2:	7.45464	0.0818	g/100cc
3.	n-Propanol	Column 1:	48.69162	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.85951	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.17138	0.0805	g/100cc
2.	Ethanol	Column 2:	7.24147	0.0805	g/100cc
3.	n-Propanol	Column 1:	48.09020	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.25269	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 27 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2009	0.2014	0.0005	0.2011	0.2022	
(g/100cc)	0.2037	0.2028	0.0009	0.2032		

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
0.202	0.191	0.213	0.011

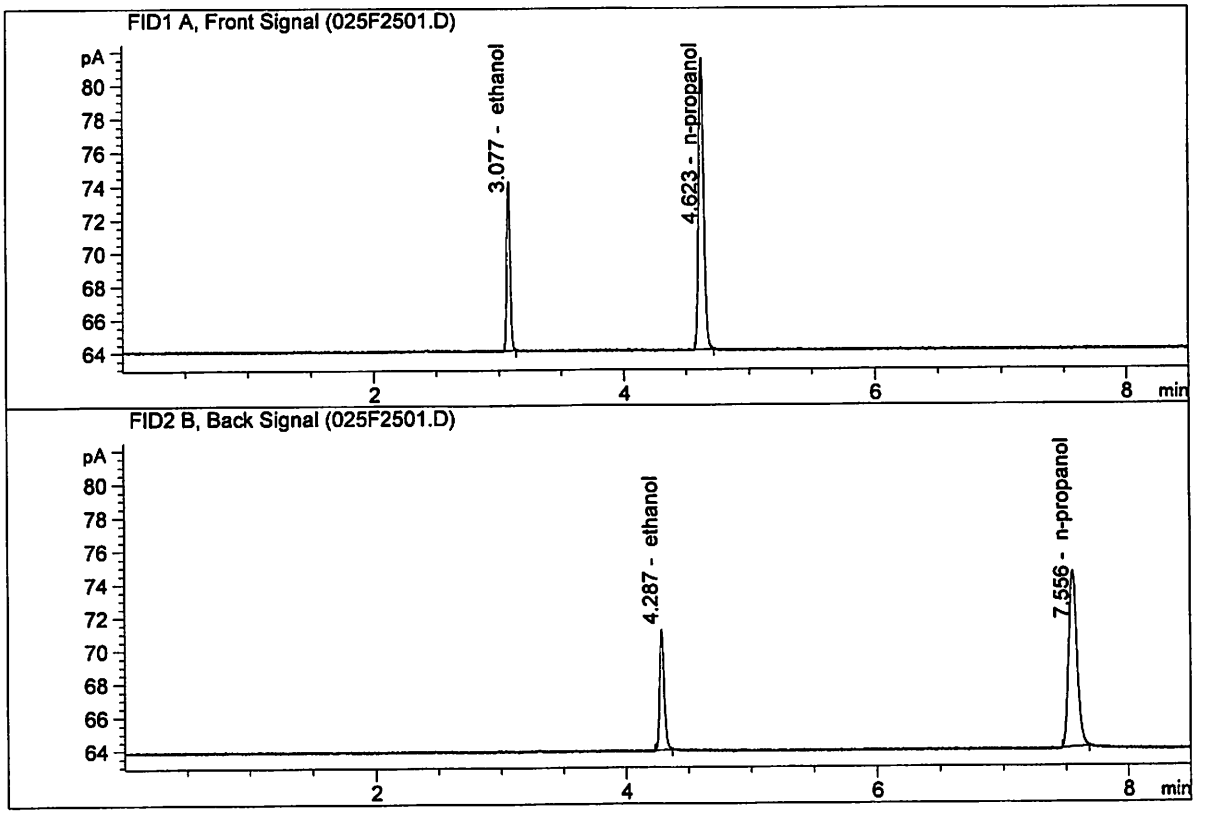
Reported Result

0.202

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

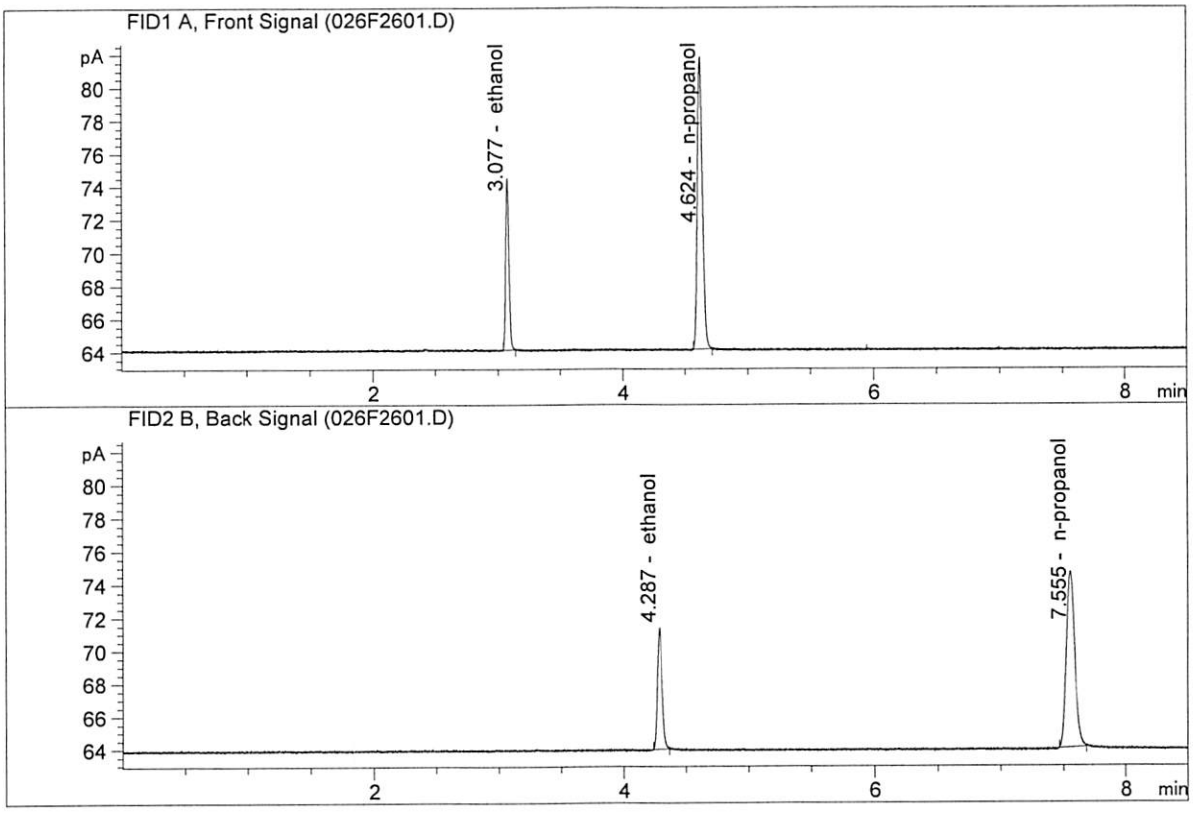


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.57462	0.2009	g/100cc
2.	Ethanol	Column 2:	19.19343	0.2014	g/100cc
3.	n-Propanol	Column 1:	49.72763	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.57485	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.03841	0.2037	g/100cc
2.	Ethanol	Column 2:	19.59631	0.2028	g/100cc
3.	n-Propanol	Column 1:	50.26033	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.25648	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 27 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0815	0.0815	0.0000	0.0815	0.0820	
(g/100cc)	0.0822	0.0830	0.0008	0.0826		

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%**

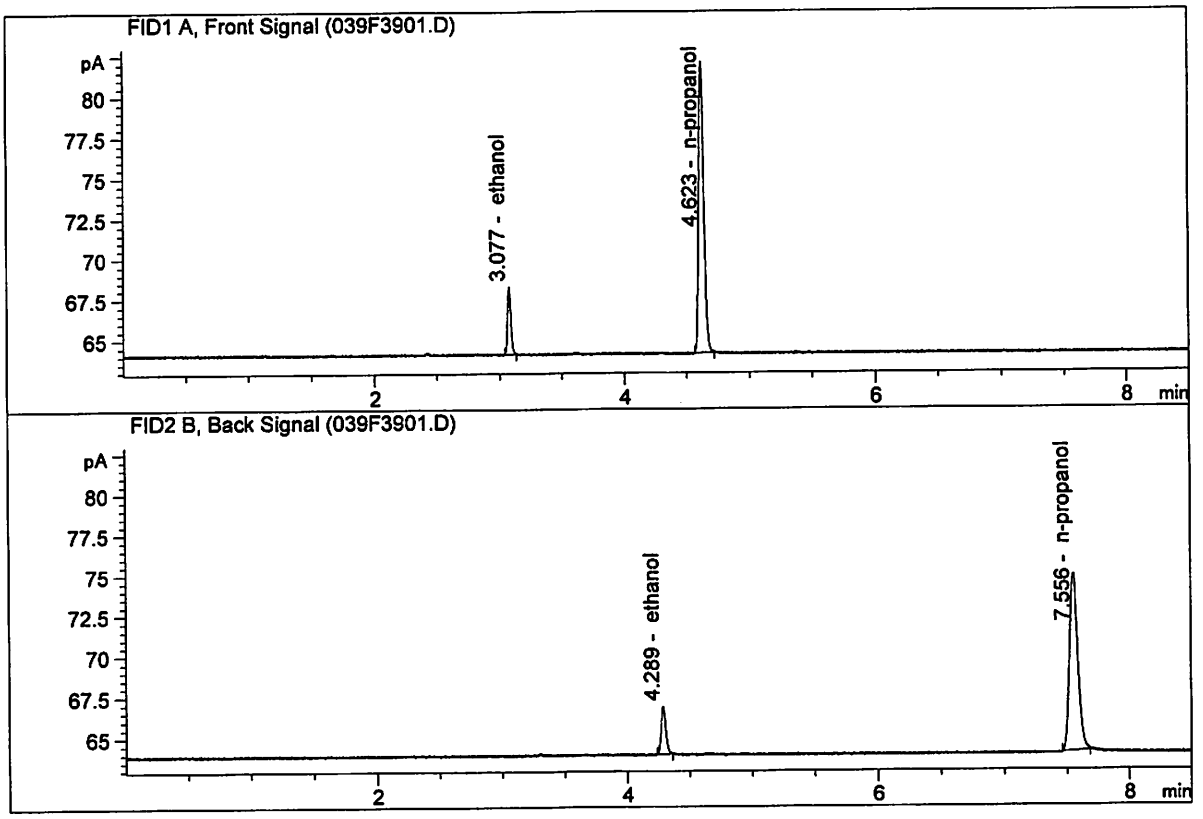
Overall Mean (g/100cc)	Low	High	5% of Mean
0.082	**0.077**	**0.087**	**0.005**

	Reported Result	
	0.082	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

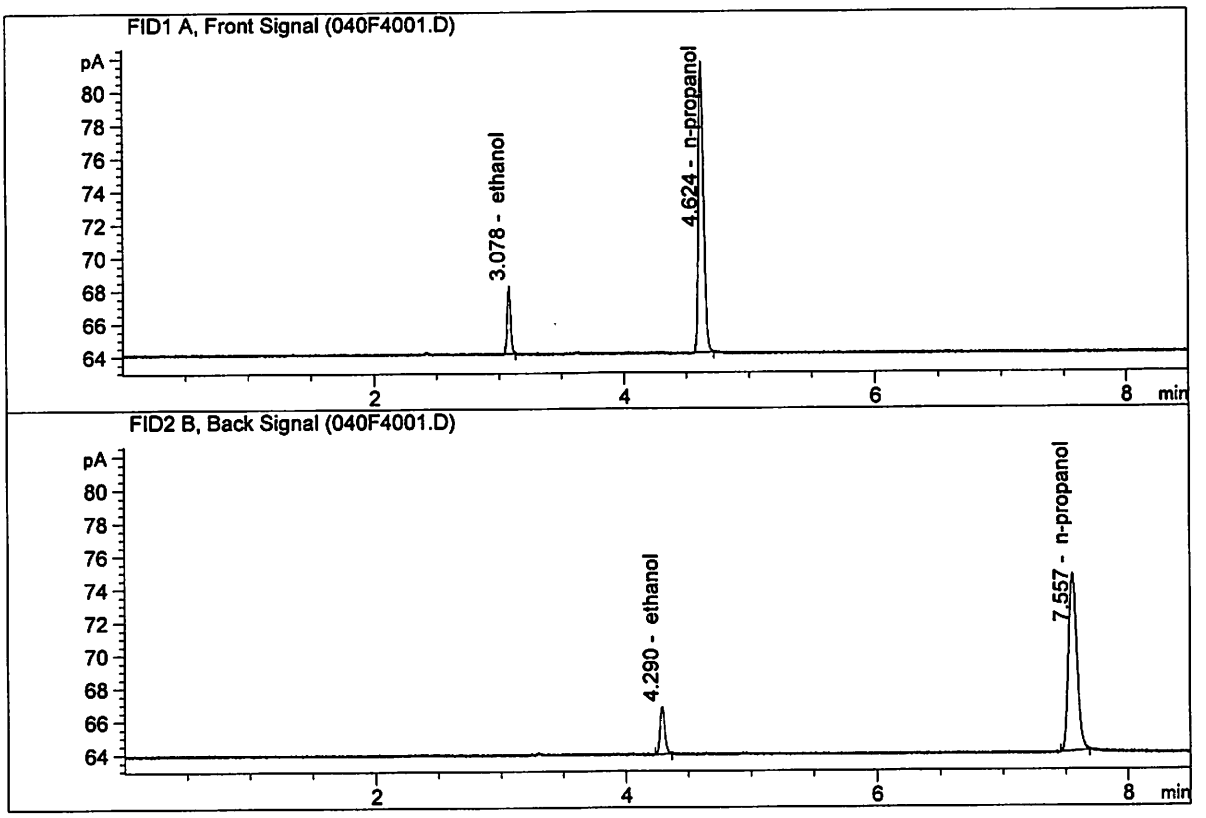


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.71046	0.0815	g/100cc
2.	Ethanol	Column 2:	7.74502	0.0815	g/100cc
3.	n-Propanol	Column 1:	51.05202	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.97801	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

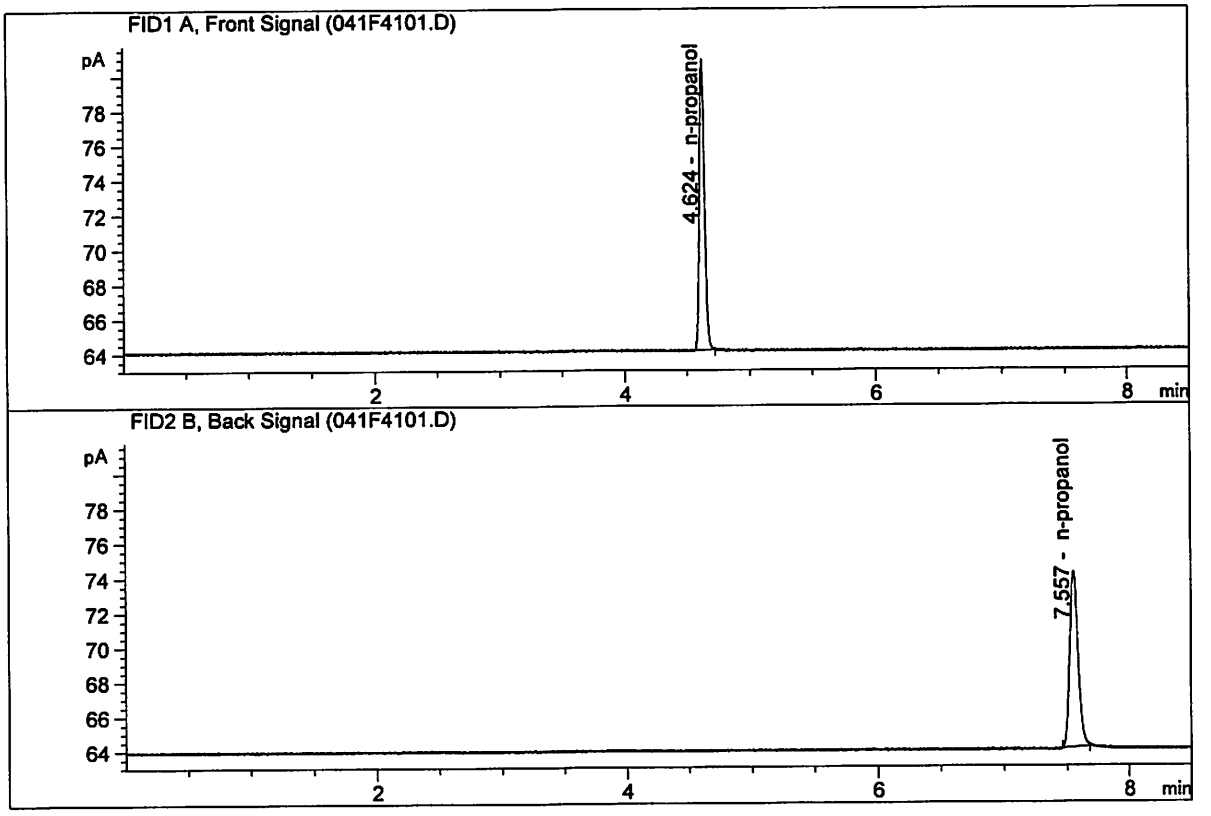


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.59443	0.0822	g/100cc
2.	Ethanol	Column 2:	7.75030	0.0830	g/100cc
3.	n-Propanol	Column 1:	49.87210	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.02354	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Nov 27, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	47.76527	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.40116	1.0000	g/100cc

JC

Sequence File C:\Chem32\...8_SAMPLES\11-27-18_SAMPLES 2018-11-27 16-40-06\11-27-18_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\11-27-18_SAMPLES\11-27-18_SAMPLES 2018-11-27 16-40-06\11-27-18_SAMPLES.S
Data directory path: C:\Chem32\1\Data\11-27-18_SAMPLES\11-27-18_SAMPLES 2018-11-27 16-40-06\
Logbook: C:\Chem32\1\Data\11-27-18_SAMPLES\11-27-18_SAMPLES 2018-11-27 16-40-06\11-27-18_SAMPLES.LOG
Sequence start: 11/27/2018 4:54:52 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\11-27-18_SAMPLES\11-27-18_SAMPLES 2018-11-27 16-40-06\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	M2018-5757-1-A	-	1.0000	007F0701.D		4
8	8	1	M2018-5757-1-B	-	1.0000	008F0801.D		4
9	9	1	M2018-5758-1-A	-	1.0000	009F0901.D		2
10	10	1	M2018-5758-1-B	-	1.0000	010F1001.D		2
11	11	1	M2018-5773-1-A	-	1.0000	011F1101.D		4
12	12	1	M2018-5773-1-B	-	1.0000	012F1201.D		4
13	13	1	M2018-5774-1-A	-	1.0000	013F1301.D		4
14	14	1	M2018-5774-1-B	-	1.0000	014F1401.D		4
15	15	1	M2018-5775-1-A	-	1.0000	015F1501.D		4
16	16	1	M2018-5775-1-B	-	1.0000	016F1601.D		4
17	17	1	M2018-5793-1-A	-	1.0000	017F1701.D		4
18	18	1	M2018-5793-1-B	-	1.0000	018F1801.D		4
19	19	1	M2018-5794-1-A	-	1.0000	019F1901.D		4
20	20	1	M2018-5794-1-B	-	1.0000	020F2001.D		4
21	21	1	M2018-5814-1-A	-	1.0000	021F2101.D		4
22	22	1	M2018-5814-1-B	-	1.0000	022F2201.D		4
23	23	1	M2018-5832-1-A	-	1.0000	023F2301.D		4
24	24	1	M2018-5832-1-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	M2018-5833-1-A	-	1.0000	027F2701.D		4
28	28	1	M2018-5833-1-B	-	1.0000	028F2801.D		4
29	29	1	M2018-5834-1-A	-	1.0000	029F2901.D		4
30	30	1	M2018-5834-1-B	-	1.0000	030F3001.D		4
31	31	1	M2018-5835-1-A	-	1.0000	031F3101.D		4
32	32	1	M2018-5835-1-B	-	1.0000	032F3201.D		4
33	33	1	P2018-3187-1-A	-	1.0000	033F3301.D		2
34	34	1	P2018-3187-1-B	-	1.0000	034F3401.D		2
35	35	1	P2018-3261-~~1-A~~ 3-A	-	1.0000	035F3501.D		2
36	36	1	P2018-3261-~~1-B~~ 3-A	-	1.0000	036F3601.D		2
37	37	1	P2018-3276-~~1-A~~ 2-A	-	1.0000	037F3701.D		4
38	38	1	P2018-3276-~~1-B~~ 2-B	-	1.0000	038F3801.D		4
39	39	1	QC1-2-A	-	1.0000	039F3901.D		4
40	40	1	QC1-2-B	-	1.0000	040F4001.D		4
41	41	1	INTERNAL STD BLK	-	1.0000	041F4101.D		2

Sequence File C:\Chem32\...8_SAMPLES\11-27-18_SAMPLES 2018-11-27 16-40-06\11-27-18_SAMPLES.S

Method file name: C:\Chem32\1\Data\11-27-18_SAMPLES\11-27-18_SAMPLES 2018-11-27 16-40-06\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
42	42	1	EMPTY	-	1.0000	042F4201.D		0

36