MB

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): 01/24/2019**

Calibration Date: 1/15/19

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0791 g/100cc
					0.0839 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2045 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	Exp Date: Sept. 2020	Lot #	FN06041502	
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	0.0510	0.0523	0.0013	0.0516
100	0.100	0.090 - 0.110	0.0992	0.0997	0.0005	0.0994
200	0.200	0.180 - 0.220	0.1992	0.1978	0.0014	0.1985
300	0.300	0.270 - 0.330	0.3004	0.2987	0.0017	0.2995
500	0.500	0.450 - 0.550	0.5001	0.5015	0.0014	0.5008

Aqueous Controls

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

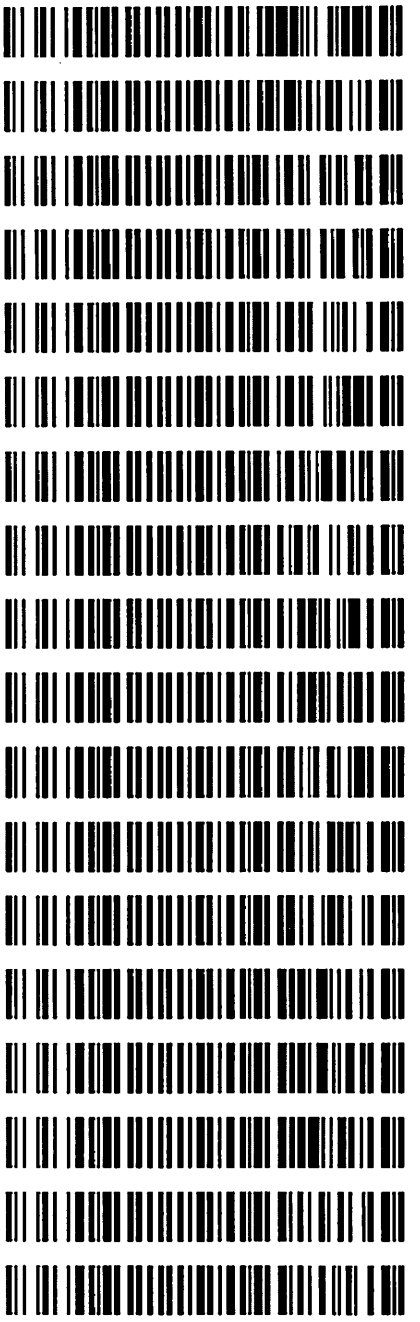
REVIEWED
By Melissa (Nikka) Bradley at 8:53 pm, Jan 30, 2019

JG

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

Worklist: 2903

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2019-0079	1	136180	Alcohol Analysis
M2019-0112	2	136598	Alcohol Analysis
M2019-0277	1	137218	Alcohol Analysis
M2019-0278	1	137222	Alcohol Analysis
M2019-0279	1	137223	Alcohol Analysis
M2019-0280	1	137227	Alcohol Analysis
M2019-0281	1	137229	Alcohol Analysis
M2019-0310	1	137335	Alcohol Analysis
M2019-0312	1	137403	Alcohol Analysis
M2019-0313	1	137408	Alcohol Analysis
M2019-0326	1	137457	Alcohol Analysis
M2019-0331	1	137466	Alcohol Analysis
M2019-0332	1	137467	Alcohol Analysis
M2019-0351	1	137627	Alcohol Analysis
M2019-0352	1	137631	Alcohol Analysis
M2019-0353	1	137632	Alcohol Analysis
M2019-0370	2	137652	Alcohol Analysis
M2019-0371	1	137653	Alcohol Analysis



JG

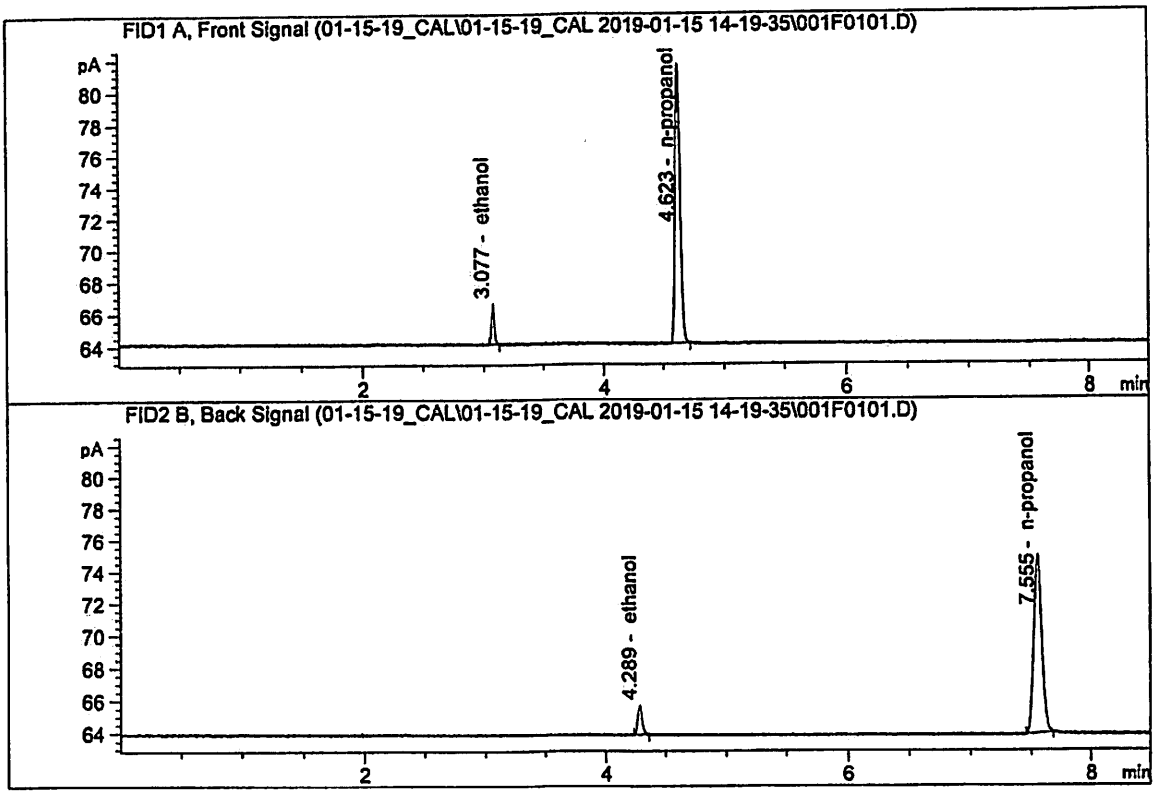
The samples were originally opened and extracted on 1/23/19. However, due to loss of communication from instrument, the samples were not analyzed. The samples were reopened, re-extracted, and analyzed on 1/24/19.

John Garner

1/25/19

ISP Forensic Services Blood Alcohol Report

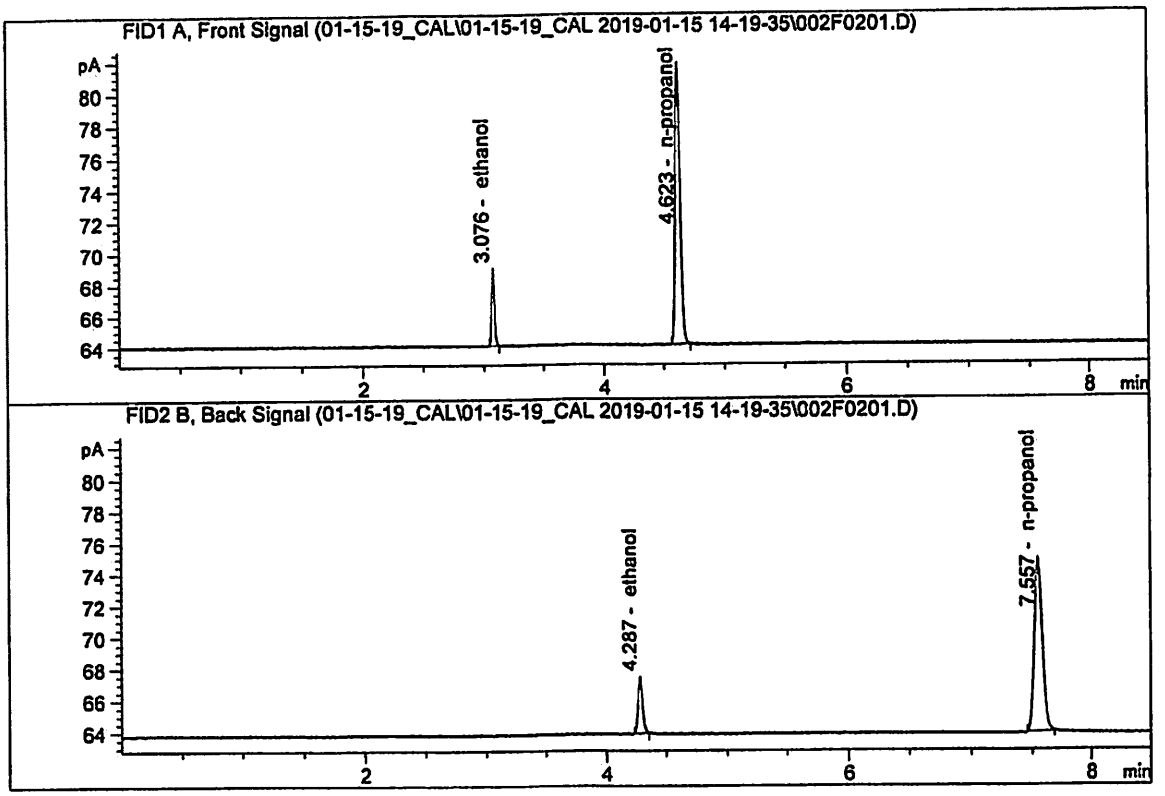
Sample Name : 0.050 FN04271601
Laboratory : Meridian
Injection Date : Jan 15, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.61959	0.0510	g/100cc
2.	Ethanol	Column 2:	4.73091	0.0523	g/100cc
3.	n-Propanol	Column 1:	49.92757	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.55404	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN08101601
Laboratory : Meridian
Injection Date : Jan 15, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.19858	0.0992	g/100cc
2.	Ethanol	Column 2:	9.54004	0.0997	g/100cc
3.	n-Propanol	Column 1:	50.50491	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.62359	1.0000	g/100cc

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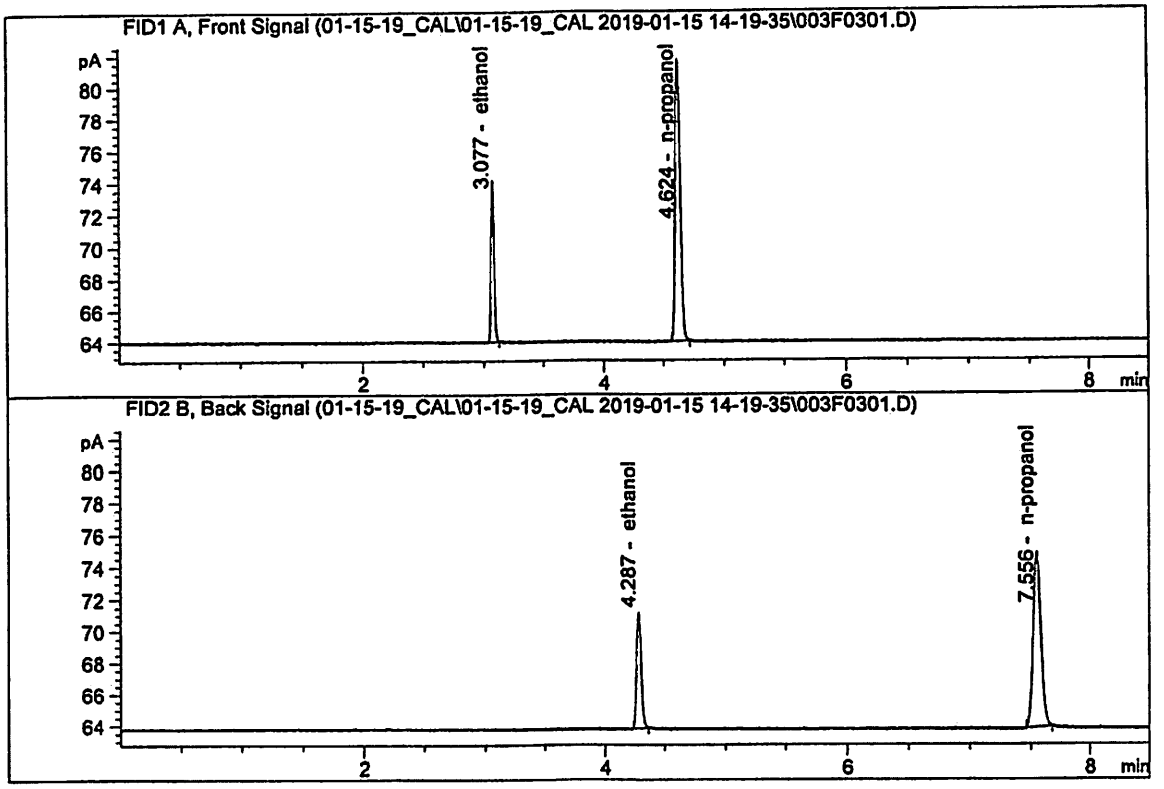
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN03301601
Laboratory : Meridian
Injection Date : Jan 15, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.56516	0.1992	g/100cc
2.	Ethanol	Column 2:	19.33027	0.1978	g/100cc
3.	n-Propanol	Column 1:	50.43311	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.25807	1.0000	g/100cc

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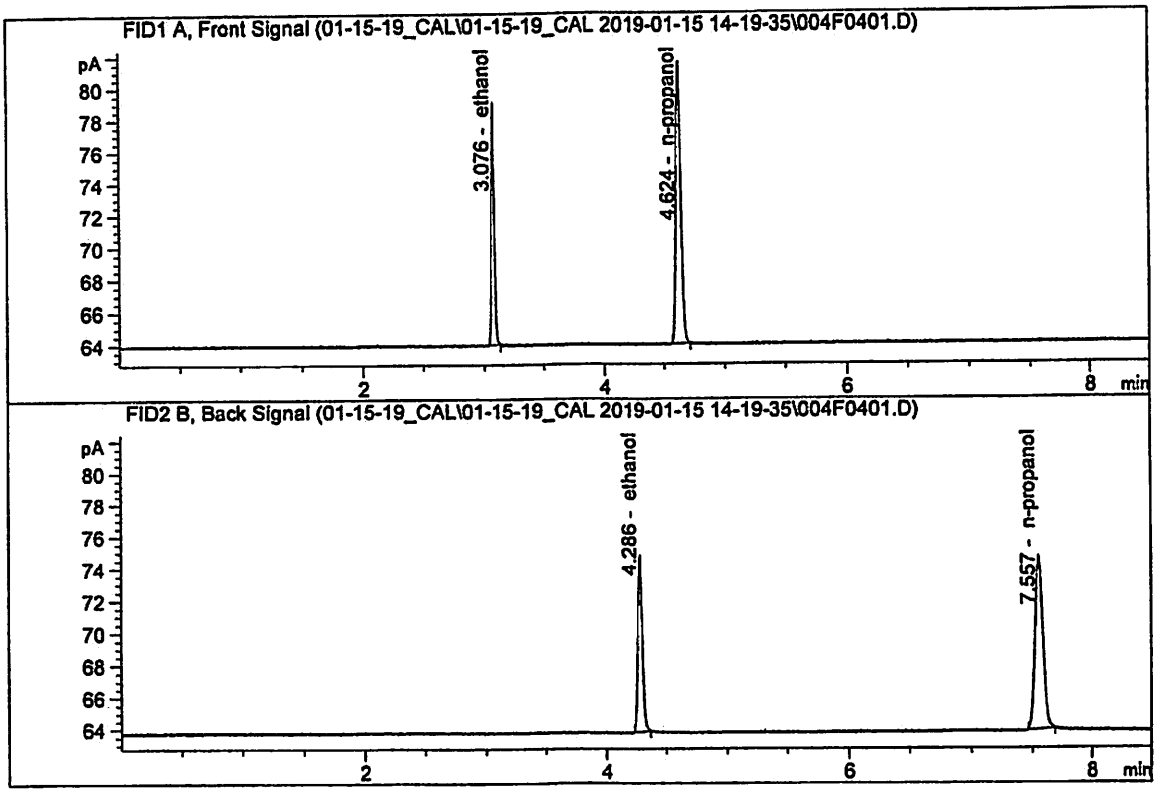
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN06051501
Laboratory : Meridian
Injection Date : Jan 15, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

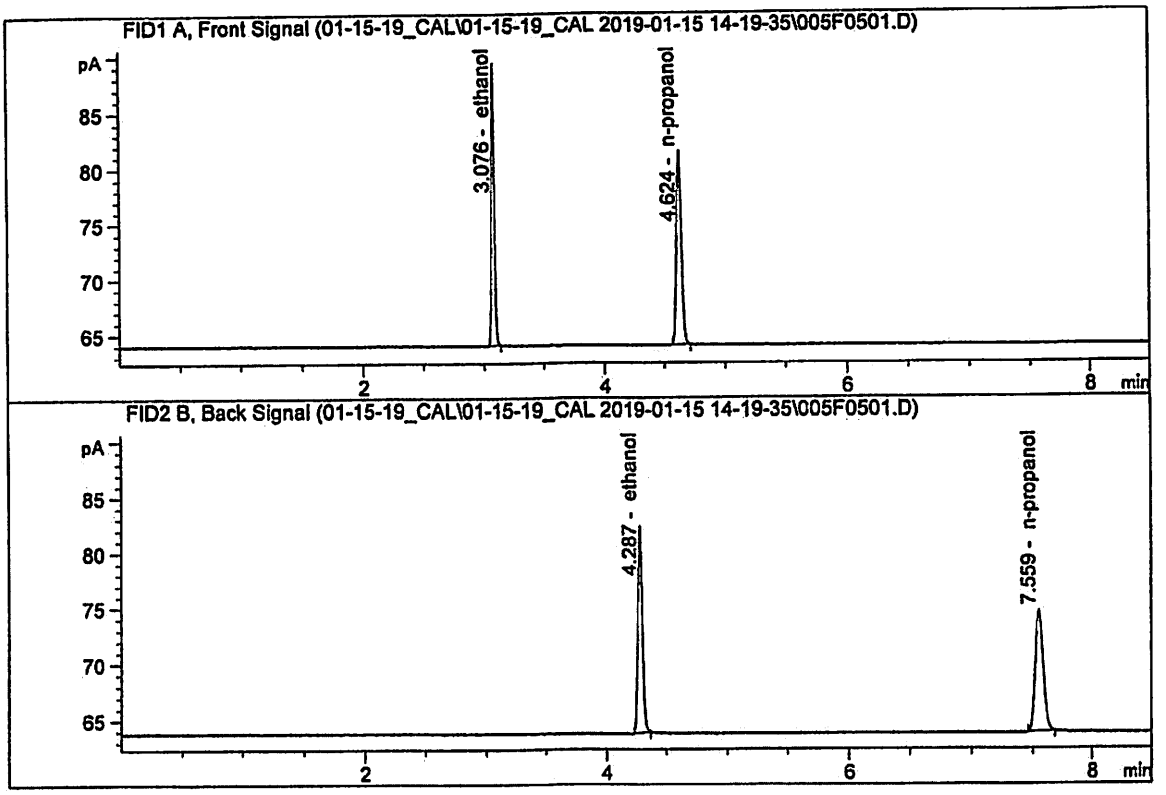


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.70694	0.3004	g/100cc
2.	Ethanol	Column 2:	29.08207	0.2987	g/100cc
3.	n-Propanol	Column 1:	49.80059	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.57576	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name	:	0.500 FN08031602
Laboratory	:	Meridian
Injection Date	:	Jan 15, 2019
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.18423	0.5001	g/100cc
2.	Ethanol	Column 2:	48.84401	0.5015	g/100cc
3.	n-Propanol	Column 1:	49.78487	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.20943	1.0000	g/100cc

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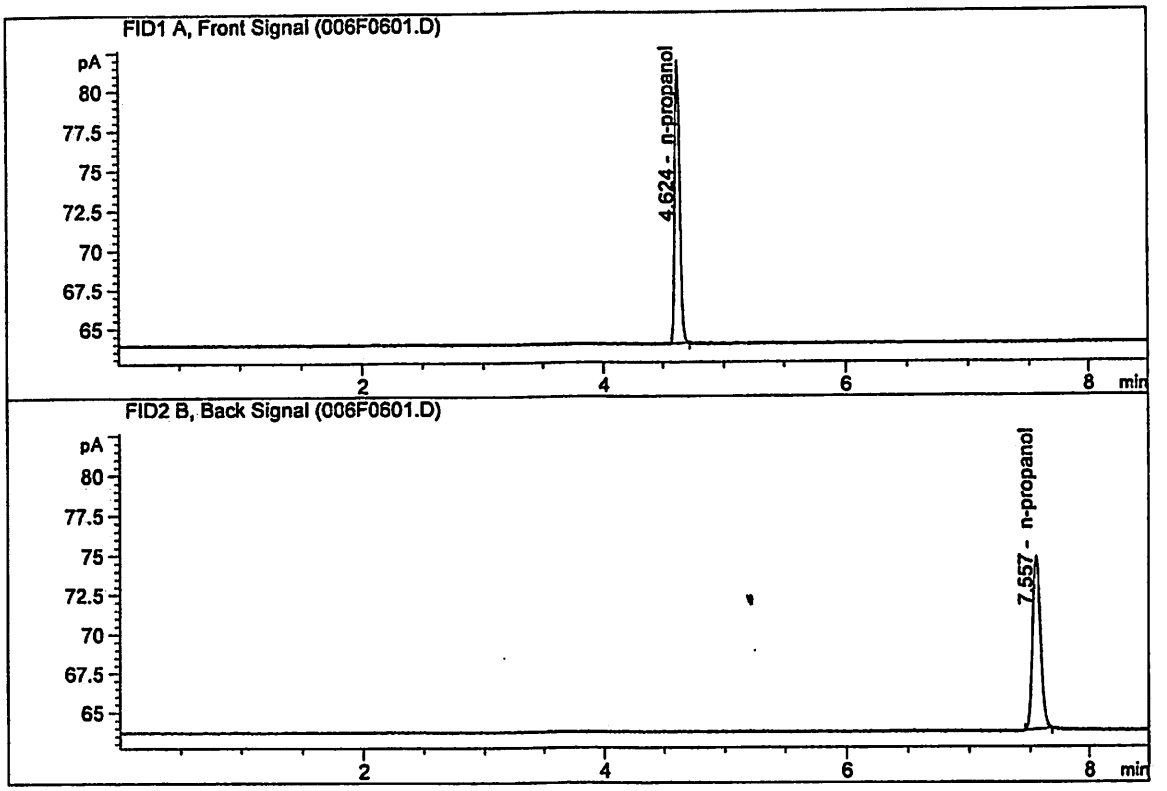
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Jan 15, 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:	50.72374	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.33178	1.0000	g/100cc

JC

Sequence File C:\Chem32\1\Data\01-15-19_CAL\01-15-19_CAL 2019-01-15 14-19-35\01-15-19_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\01-15-19_CAL\01-15-19_CAL 2019-01-15 14-19-35\01-15-19_CAL.S
Data directory path: C:\Chem32\1\Data\01-15-19_CAL\01-15-19_CAL 2019-01-15 14-19-35\
Logbook: C:\Chem32\1\Data\01-15-19_CAL\01-15-19_CAL 2019-01-15 14-19-35\01-15-19_CAL.LOG
Sequence start: 1/15/2019 2:34:09 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\01-15-19_CAL\01-15-19_CAL 2019-01-15 14-19-35\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 FN08101601	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN03301601	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN06051501	-	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

JC

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Tuesday, January 15, 2019 3:24:41 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

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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	4.61959	1.08235e-2	No	No	1	ethanol
		2	1.00000e-1	9.19858	1.08712e-2				
		3	2.00000e-1	18.56516	1.07729e-2				
		4	3.00000e-1	27.70694	1.08276e-2				
		5	5.00000e-1	46.18423	1.08262e-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	4.73091	1.05688e-2	No	No	2	ethanol
		2	1.00000e-1	9.54004	1.04821e-2				
		3	2.00000e-1	19.33027	1.03465e-2				
		4	3.00000e-1	29.08207	1.03156e-2				
		5	5.00000e-1	48.84401	1.02367e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	49.92757	2.00290e-2	No	Yes	1	n-propanol
		2	1.00000	50.50491	1.98001e-2				
		3	1.00000	50.43311	1.98282e-2				
		4	1.00000	49.80059	2.00801e-2				
		5	1.00000	49.78487	2.00864e-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	52.55404	1.90280e-2	No	Yes	2	n-propanol
		2	1.00000	52.62359	1.90029e-2				
		3	1.00000	52.25807	1.91358e-2				
		4	1.00000	51.57576	1.93890e-2				
		5	1.00000	51.20943	1.95277e-2				

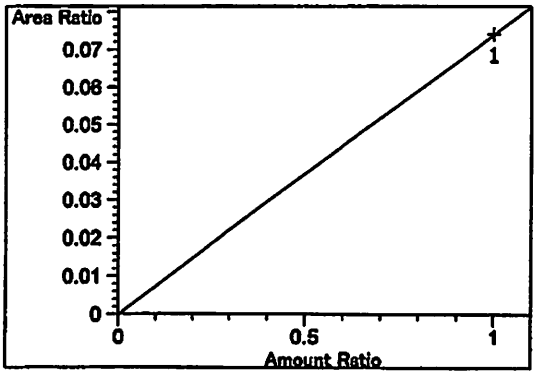
Peak Sum Table

No Entries in table

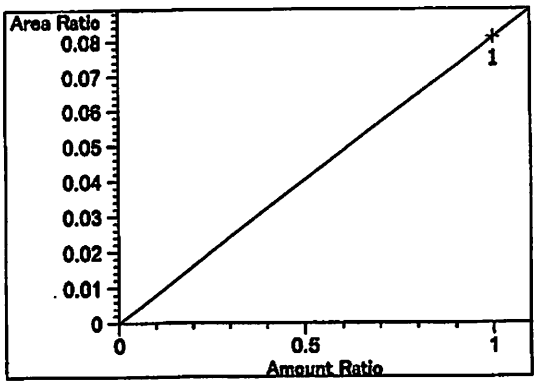
1 Warnings or Errors :

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

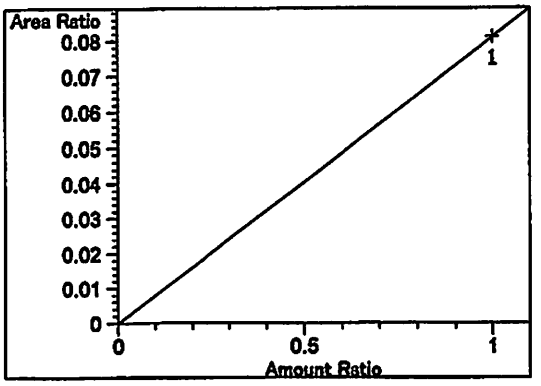
Calibration Curves



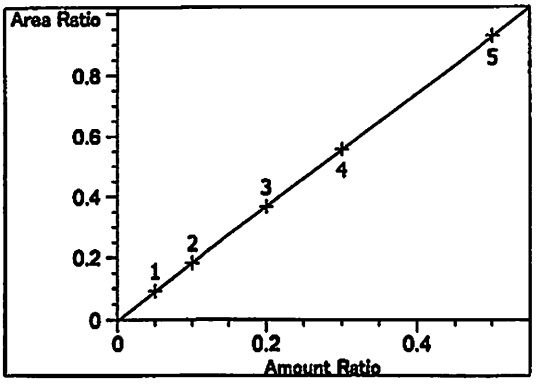
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.40411e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



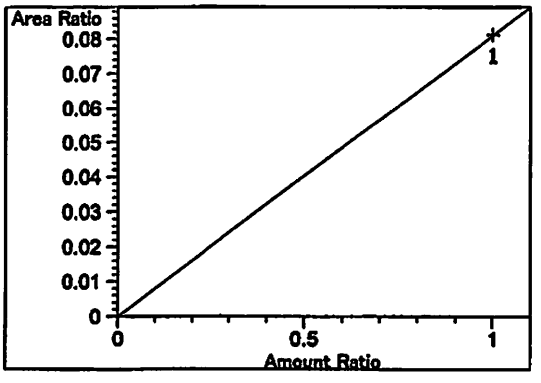
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.10784e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.10784e-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.: 0.00170
Formula: y = mx + b
m: 1.85970
b: -2.37087e-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: 8.10713e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

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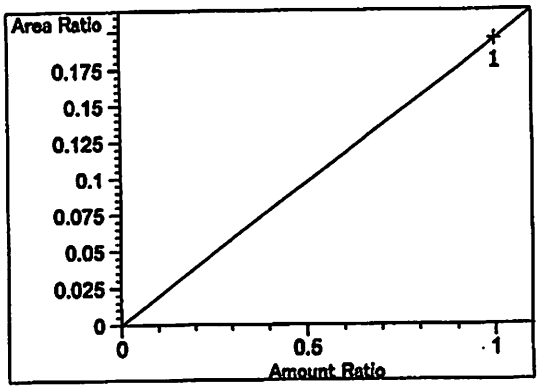
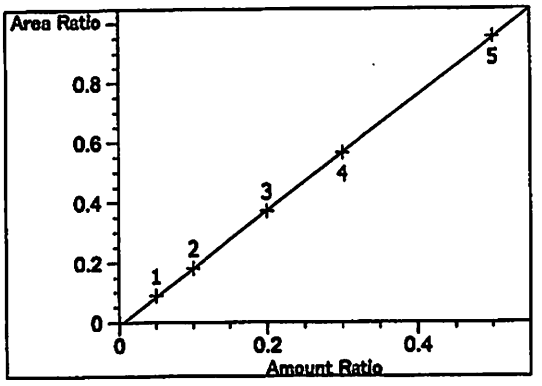
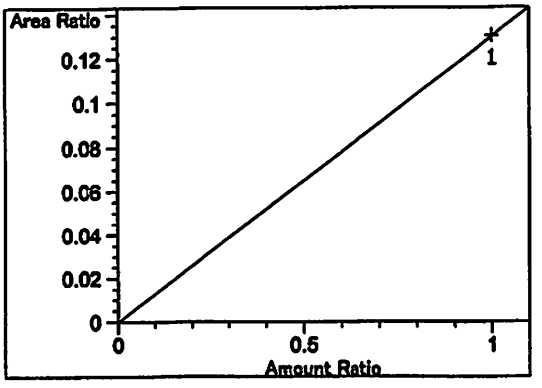


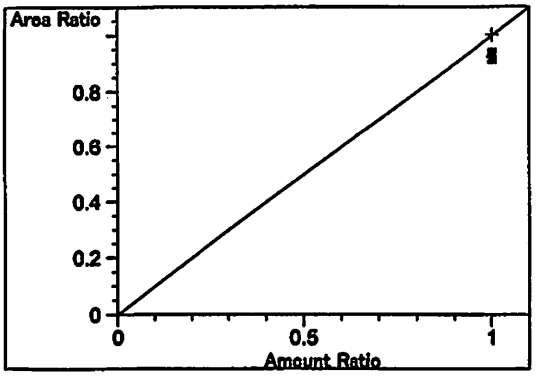
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.94893e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99995
Residual Std. Dev.: 0.00413
Formula: y = mx + b
m: 1.92290
b: -1.04895e-2
x: Amount Ratio
y: Area Ratio

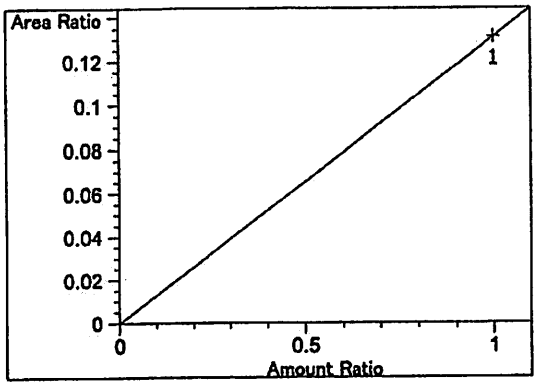


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.30177e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

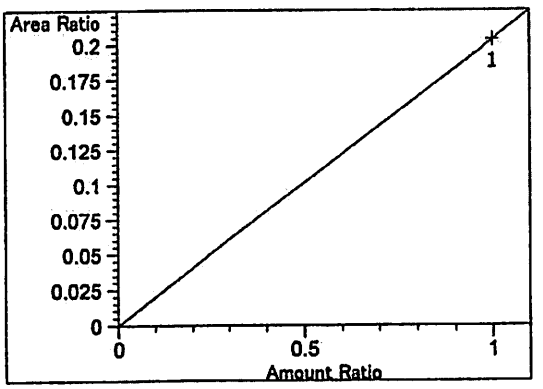


n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

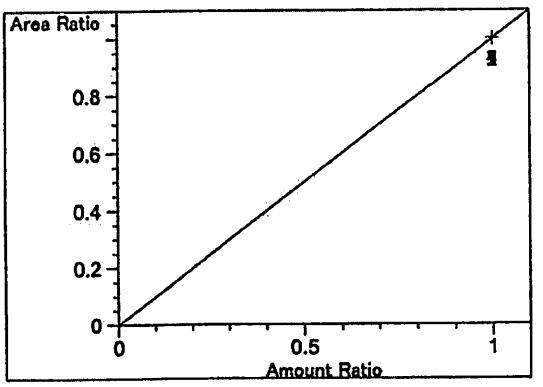
J6



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.31160e-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: 2.03722e-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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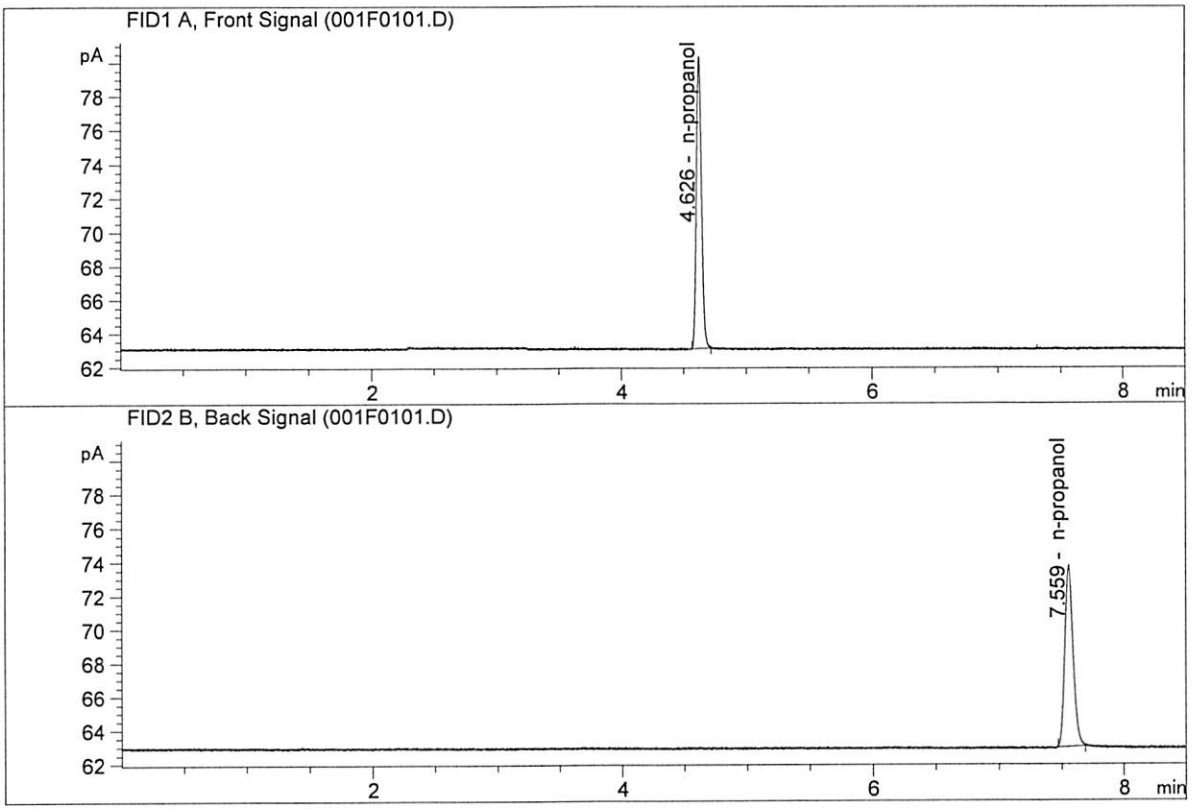
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Jan 24, 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:	49.18126	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.63215	1.0000	g/100cc

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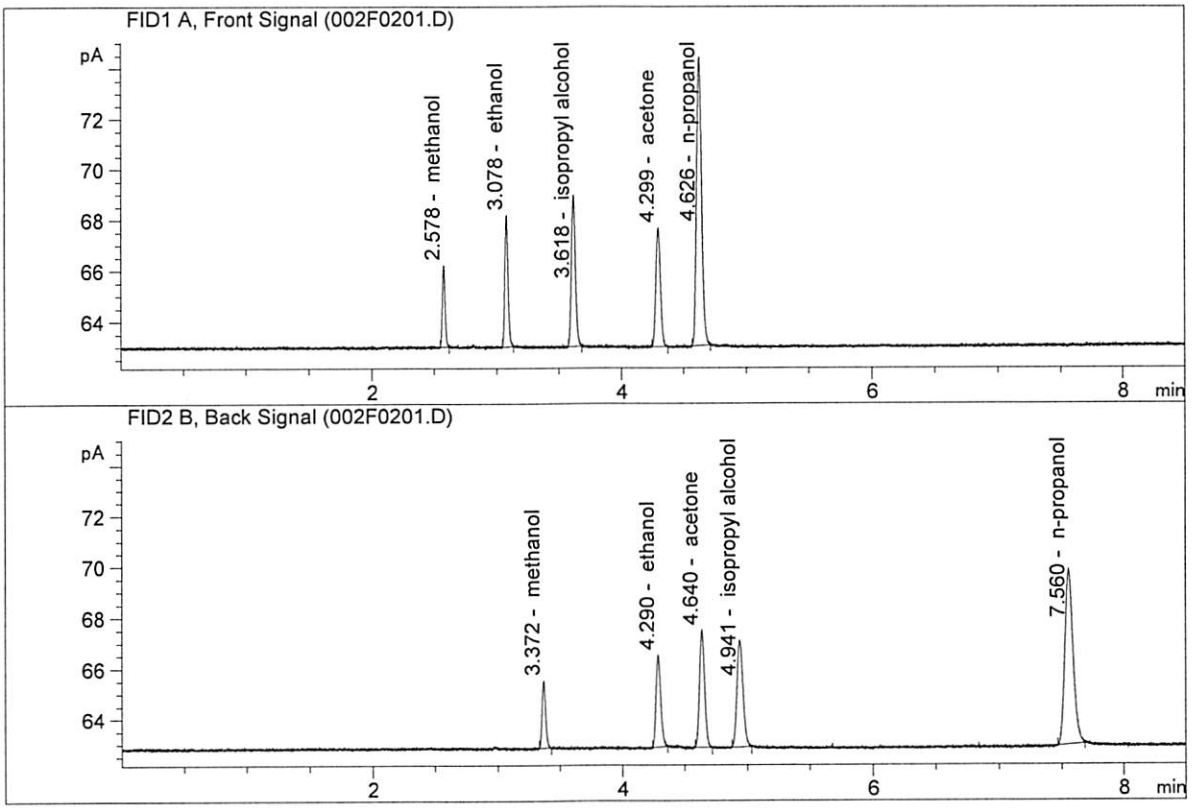
ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : Jan 24, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.29497	0.1564	g/100cc
2.	Ethanol	Column 2:	9.66102	0.1572	g/100cc
3.	n-Propanol	Column 1:	32.22122	1.0000	g/100cc
4.	n-Propanol	Column 2:	33.11668	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 24 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0792	0.0796	0.0004	0.0794	0.0791	
(g/100cc)	0.0783	0.0794	0.0011	0.0788		

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
0.079	0.075	0.083	0.004

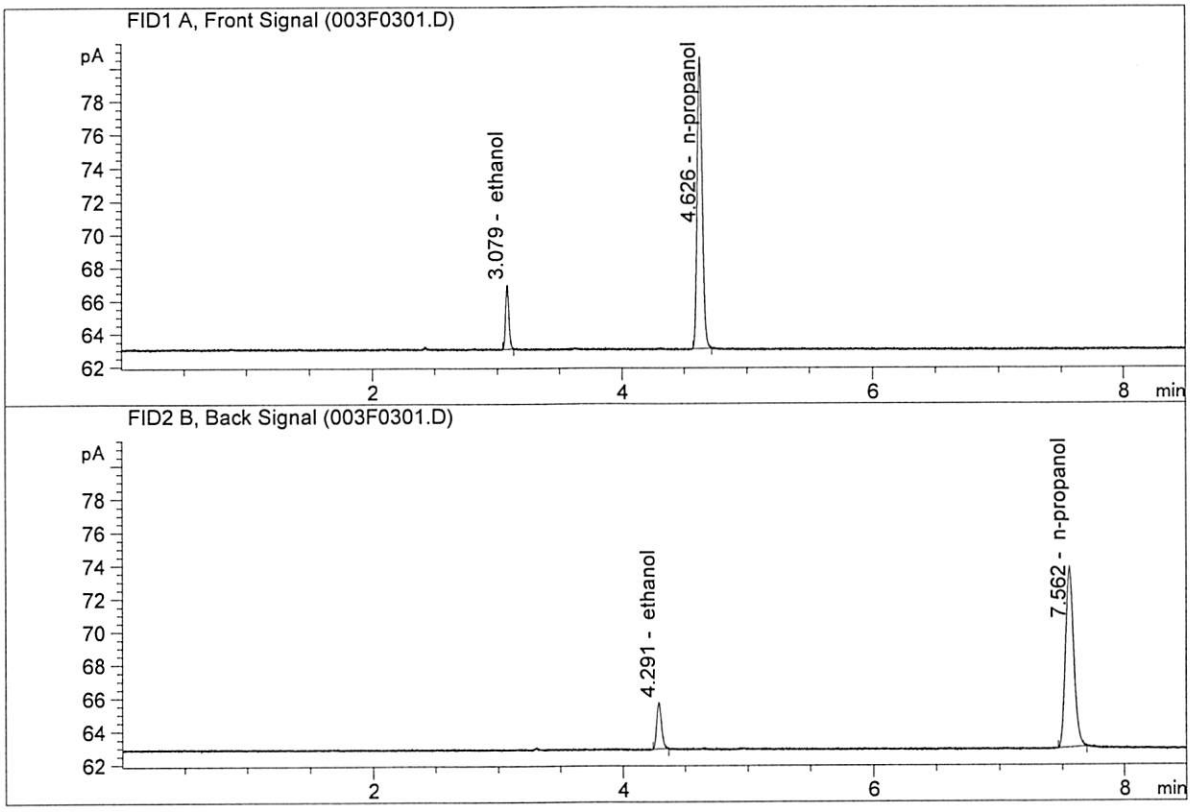
	Reported Result	
	0.079	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Jan 24, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

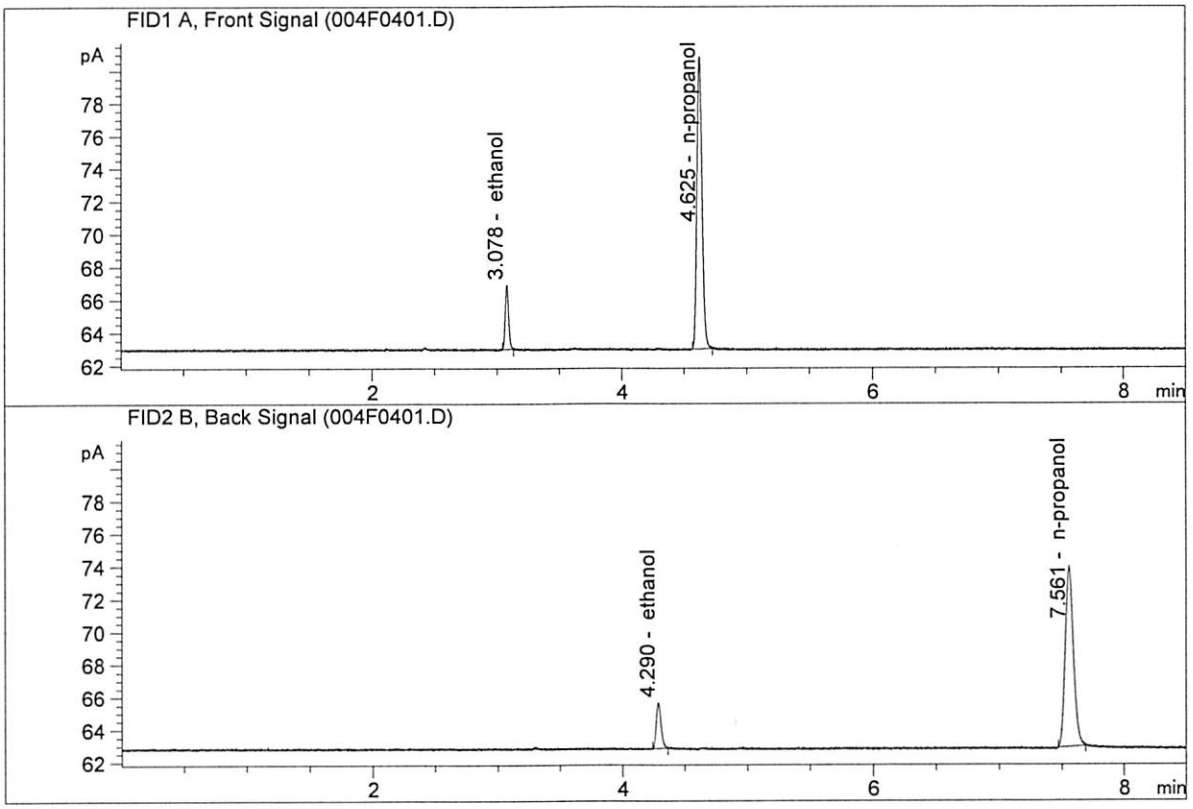


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.24990	0.0792	g/100cc
2.	Ethanol	Column 2:	7.43150	0.0796	g/100cc
3.	n-Propanol	Column 1:	50.05136	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.13716	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Jan 24, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.30712	0.0783	g/100cc
2.	Ethanol	Column 2:	7.52719	0.0794	g/100cc
3.	n-Propanol	Column 1:	51.02456	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.91571	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 24 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0797	0.0805	0.0008	0.0801	0.0806	
(g/100cc)	0.0807	0.0816	0.0009	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
0.080	0.076	0.084	0.004

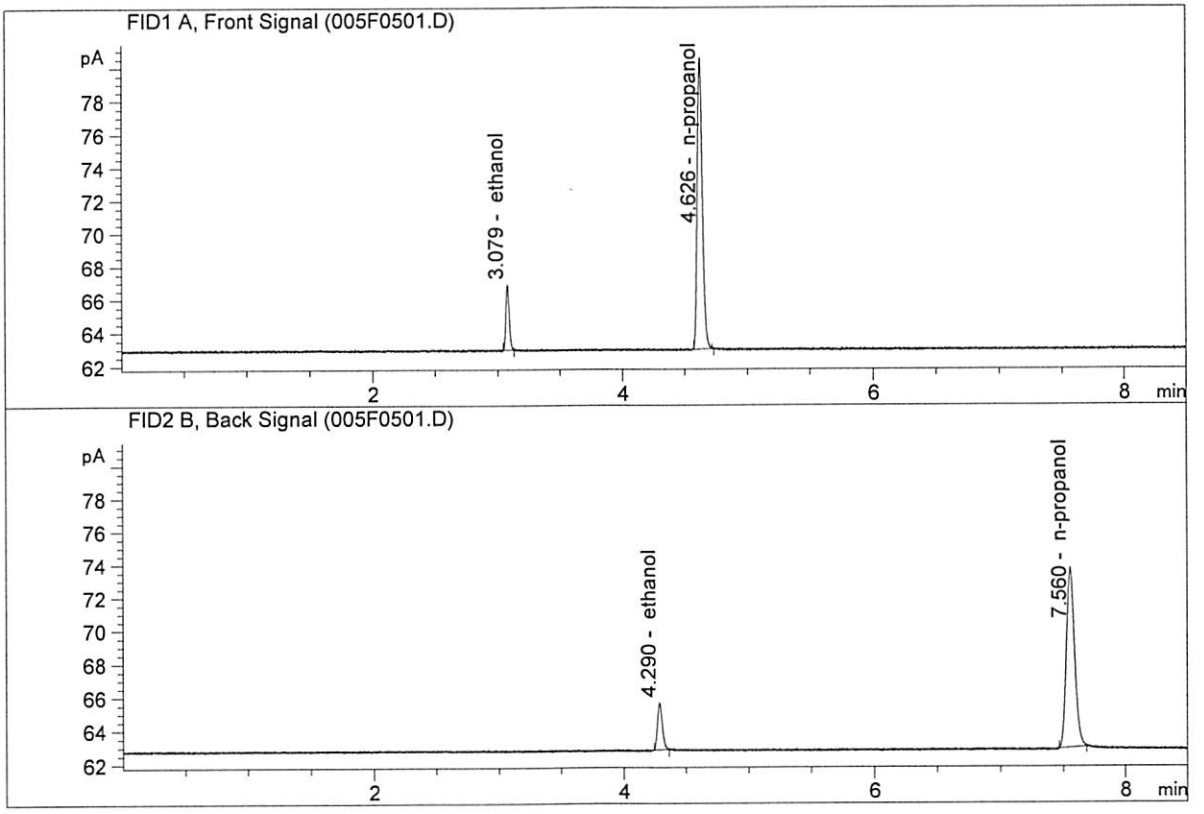
	Reported Result	
	0.080	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Jan 24, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

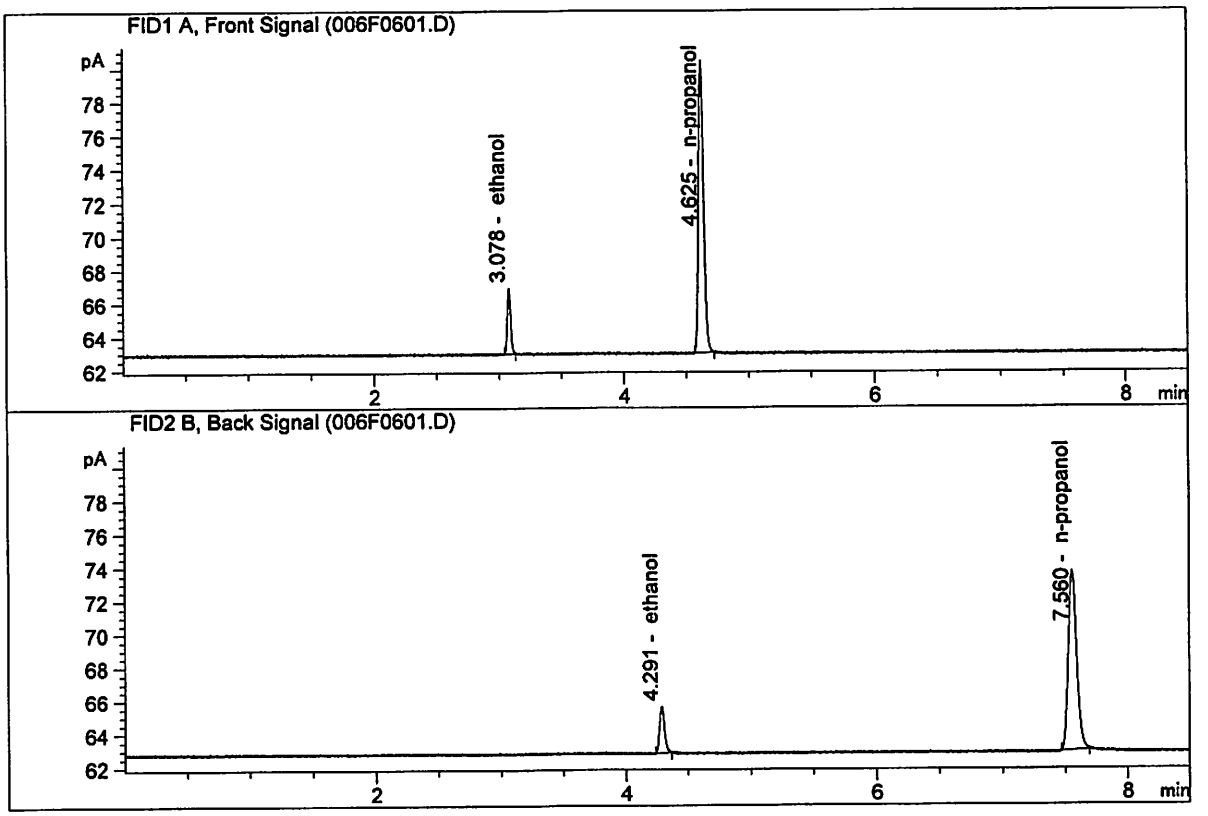


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.30163	0.0797	g/100cc
2.	Ethanol	Column 2:	7.46535	0.0805	g/100cc
3.	n-Propanol	Column 1:	50.06067	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.74512	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Jan 24, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.33565	0.0807	g/100cc
2.	Ethanol	Column 2:	7.54265	0.0816	g/100cc
3.	n-Propanol	Column 1:	49.69115	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.48486	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 24 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2040	0.2045	0.0005	0.2042	0.2045	
(g/100cc)	0.2046	0.2052	0.0006	0.2049		

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
0.204	**0.193**	**0.215**	**0.011**

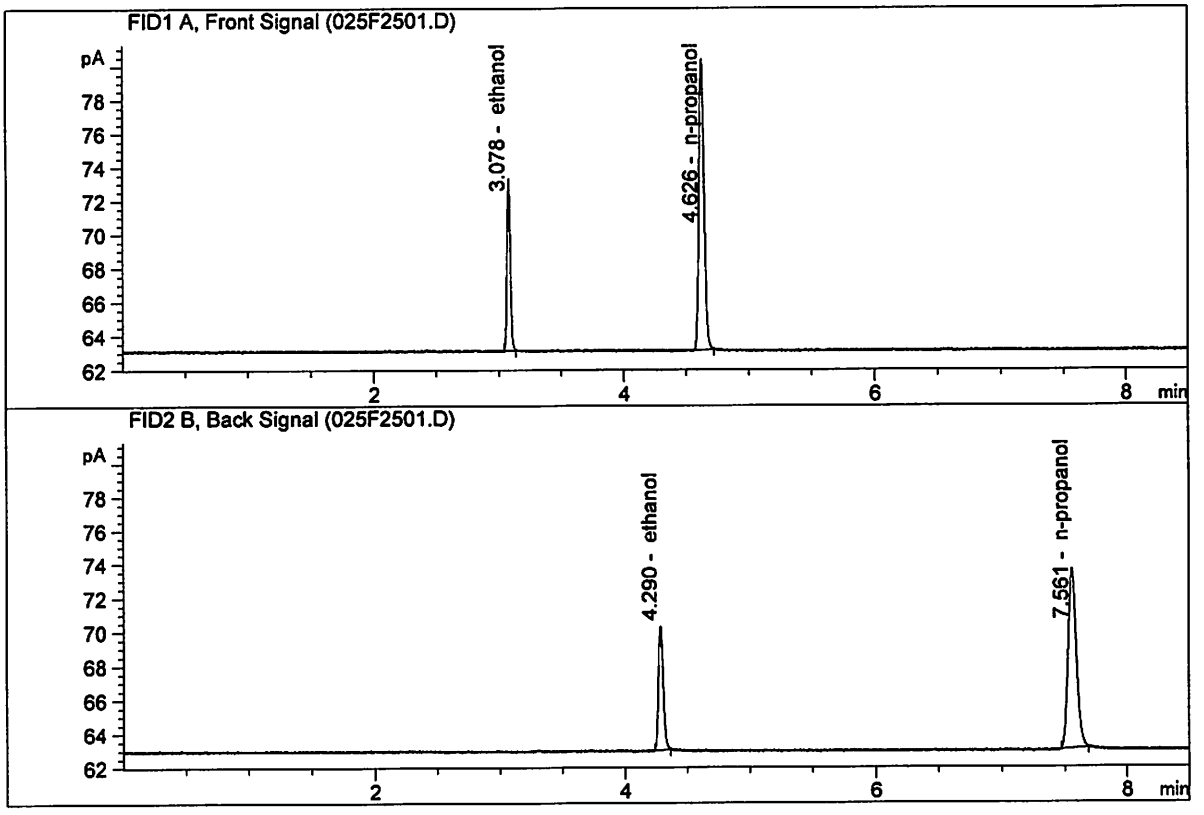
	Reported Result	
	0.204	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

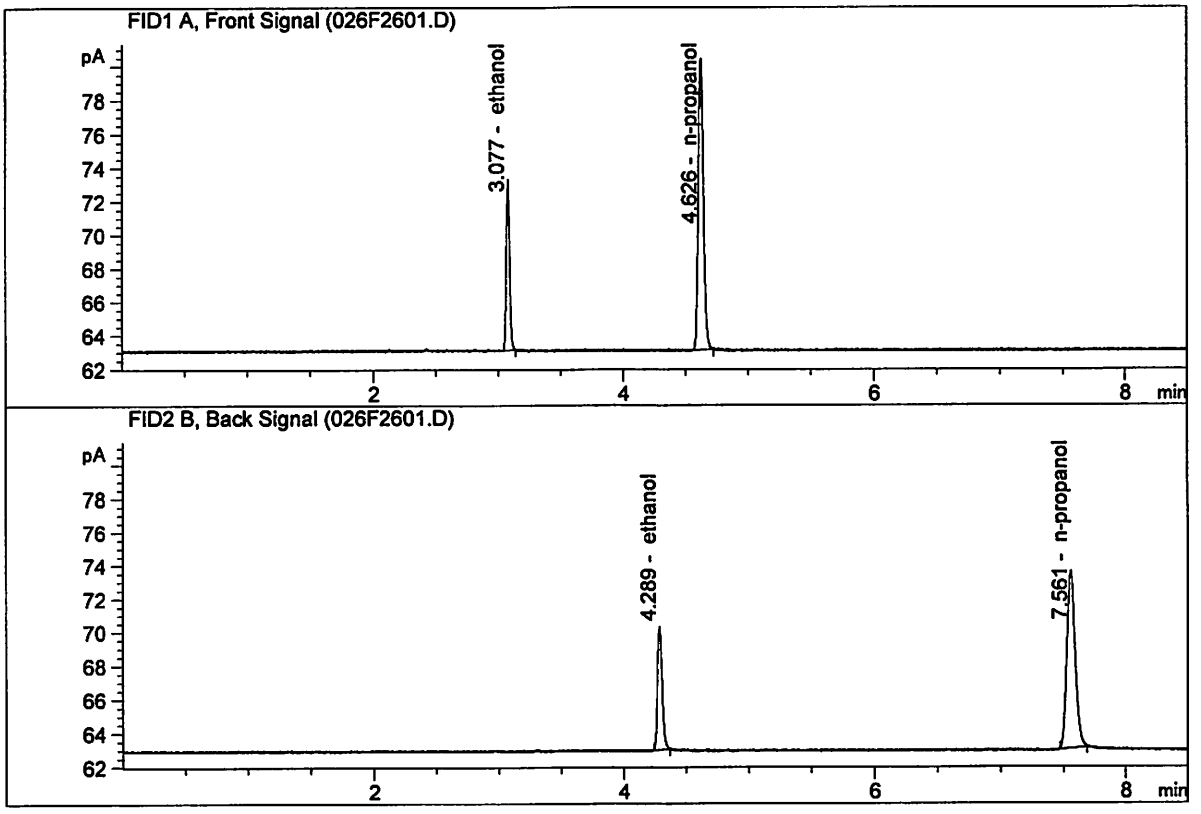
Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Jan 24, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.53287	0.2040	g/100cc
2.	Ethanol	Column 2:	19.37318	0.2045	g/100cc
3.	n-Propanol	Column 1:	49.16864	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.61283	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Jan 24, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.64328	0.2046	g/100cc
2.	Ethanol	Column 2:	19.50571	0.2052	g/100cc
3.	n-Propanol	Column 1:	49.29325	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.78170	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 24 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0841	0.0848	0.0007	0.0844	0.0839	
(g/100cc)	0.0825	0.0845	0.0020	0.0835		

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
0.083	0.078	0.088	0.005

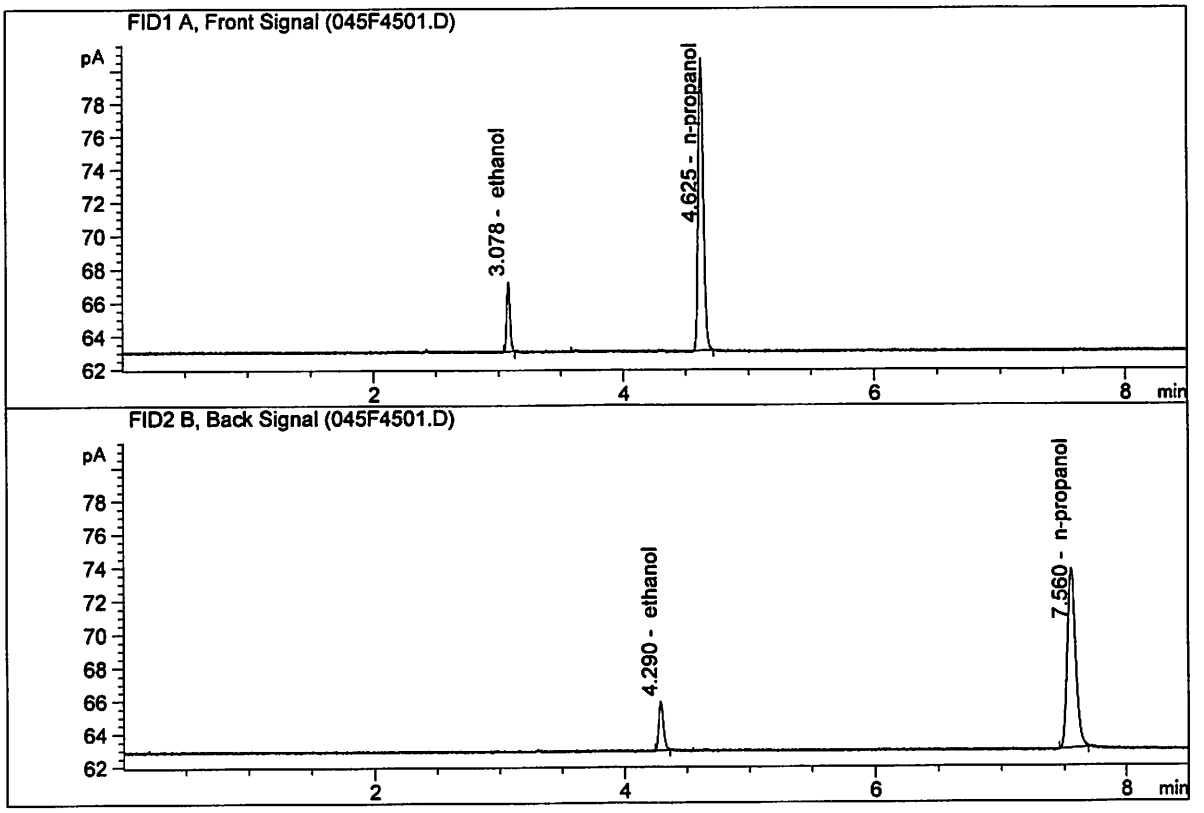
	Reported Result	
	0.083	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Jan 24, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

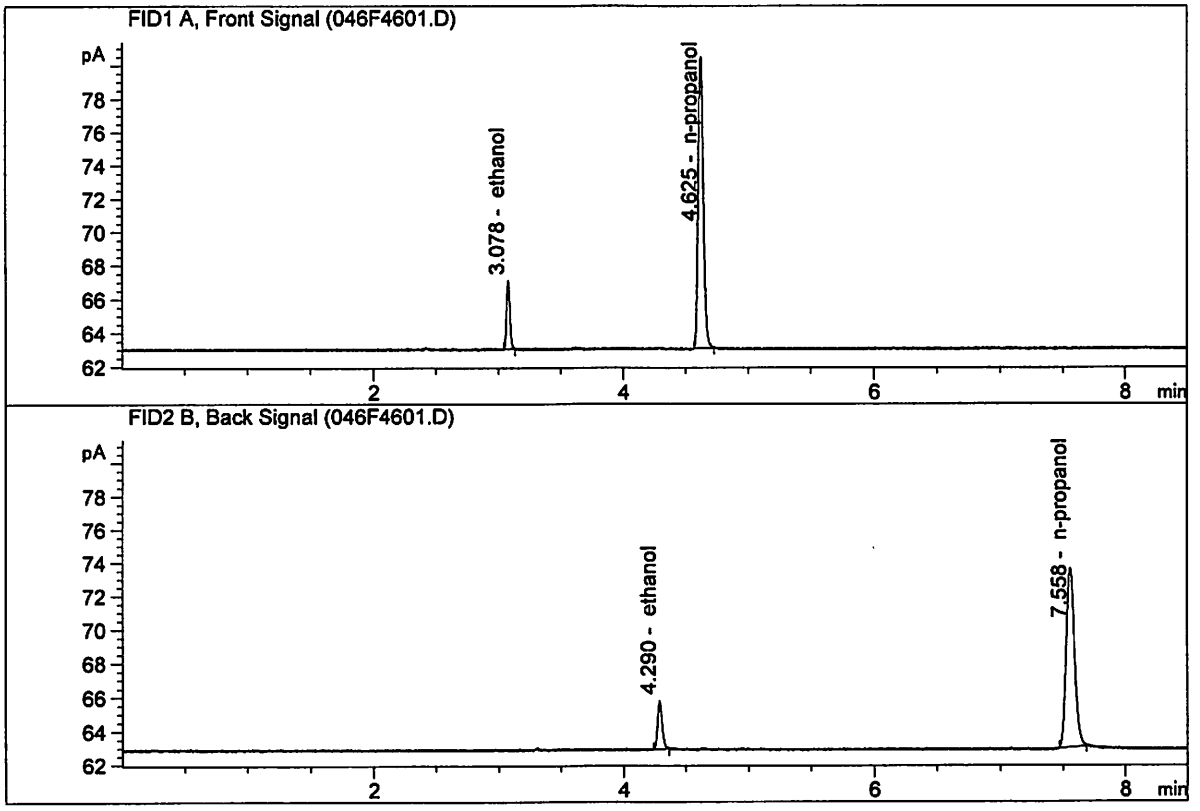


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.70545	0.0841	g/100cc
2.	Ethanol	Column 2:	7.88778	0.0848	g/100cc
3.	n-Propanol	Column 1:	50.01939	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.72555	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Jan 24, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

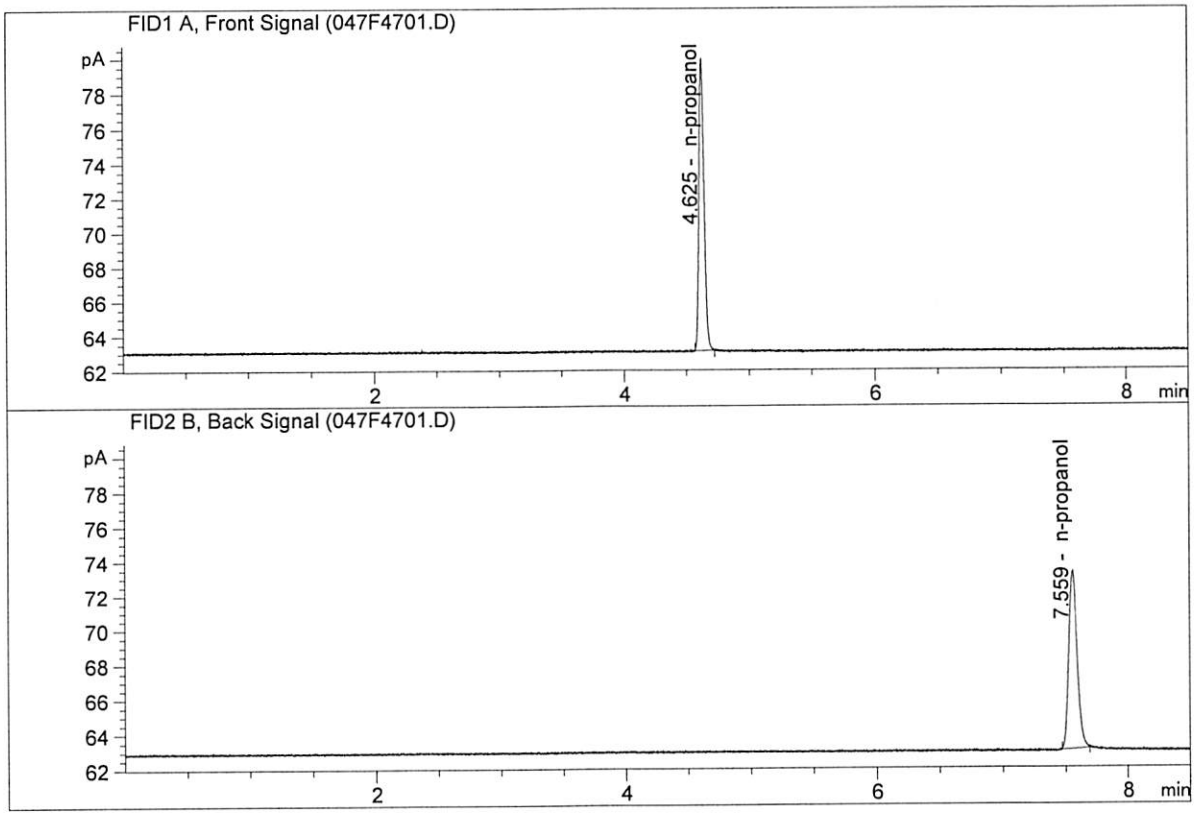


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.50583	0.0825	g/100cc
2.	Ethanol	Column 2:	7.72029	0.0845	g/100cc
3.	n-Propanol	Column 1:	49.69629	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.81275	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jan 24, 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:	47.80776	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.15018	1.0000	g/100cc

Sequence File C:\Chem32\...9_SAMPLES\01-24-19_SAMPLES 2019-01-24 11-14-38\01-24-19_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\01-24-19_SAMPLES\01-24-19_SAMPLES 2019-01-24 11-14-38\01 24-19_SAMPLES.S
Data directory path: C:\Chem32\1\Data\01-24-19_SAMPLES\01-24-19_SAMPLES 2019-01-24 11-14-38\
Logbook: C:\Chem32\1\Data\01-24-19_SAMPLES\01-24-19_SAMPLES 2019-01-24 11-14-38\01 24-19_SAMPLES.LOG
Sequence start: 1/24/2019 11:29:22 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\01-24-19_SAMPLES\01-24-19_SAMPLES 2019-01-24 11-14-38 \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	M2019-0079-1-A	-	1.0000	007F0701.D		4
8	8	1	M2019-0079-1-B	-	1.0000	008F0801.D		4
9	9	1	M2019-0112-2-A	-	1.0000	009F0901.D		6
10	10	1	M2019-0112-2-B	-	1.0000	010F1001.D		6
11	11	1	M2019-0277-1-A	-	1.0000	011F1101.D		2
12	12	1	M2019-0277-1-B	-	1.0000	012F1201.D		2
13	13	1	M2019-0278-1-A	-	1.0000	013F1301.D		4
14	14	1	M2019-0278-1-B	-	1.0000	014F1401.D		4
15	15	1	M2019-0279-1-A	-	1.0000	015F1501.D		4
16	16	1	M2019-0279-1-B	-	1.0000	016F1601.D		4
17	17	1	M2019-0280-1-A	-	1.0000	017F1701.D		4
18	18	1	M2019-0280-1-B	-	1.0000	018F1801.D		4
19	19	1	M2019-0281-1-A	-	1.0000	019F1901.D		4
20	20	1	M2019-0281-1-B	-	1.0000	020F2001.D		4
21	21	1	M2019-0310-1-A	-	1.0000	021F2101.D		6
22	22	1	M2019-0310-1-B	-	1.0000	022F2201.D		6
23	23	1	M2019-0312-1-A	-	1.0000	023F2301.D		4
24	24	1	M2019-0312-1-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	M2019-0313-1-A	-	1.0000	027F2701.D		4
28	28	1	M2019-0313-1-B	-	1.0000	028F2801.D		4
29	29	1	M2019-0326-1-A	-	1.0000	029F2901.D		4
30	30	1	M2019-0326-1-B	-	1.0000	030F3001.D		4
31	31	1	M2019-0331-1-A	-	1.0000	031F3101.D		4
32	32	1	M2019-0331-1-B	-	1.0000	032F3201.D		4
33	33	1	M2019-0332-1-A	-	1.0000	033F3301.D		2
34	34	1	M2019-0332-1-B	-	1.0000	034F3401.D		2
35	35	1	M2019-0351-1-A	-	1.0000	035F3501.D		4
36	36	1	M2019-0351-1-B	-	1.0000	036F3601.D		4
37	37	1	M2019-0352-1-A	-	1.0000	037F3701.D		4
38	38	1	M2019-0352-1-B	-	1.0000	038F3801.D		4
39	39	1	M2019-0353-1-A	-	1.0000	039F3901.D		4
40	40	1	M2019-0353-1-B	-	1.0000	040F4001.D		4
41	41	1	M2019-0370-2-A	-	1.0000	041F4101.D		4
42	42	1	M2019-0370-2-B	-	1.0000	042F4201.D		4
43	43	1	M2019-0371-1-A	-	1.0000	043F4301.D		2

Sequence File C:\Chem32\...9_SAMPLES\01-24-19_SAMPLES 2019-01-24 11-14-38\01-24-19_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
44	44	1	M2019-0371-1-B	-	1.0000	044F4401.D		2
45	45	1	QC1-2-A	-	1.0000	045F4501.D		4
46	46	1	QC1-2-B	-	1.0000	046F4601.D		4
47	47	1	INTERNAL STD BLK	-	1.0000	047F4701.D		2

Method file name: C:\Chem32\1\Data\01-24-19_SAMPLES\01-24-19_SAMPLES 2019-01-24 11-14-38\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
48	48	1	EMPTY	-	1.0000	048F4801.D		0

JL