

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): 2/20/19-2/21/19

Calibration Date: 2/20/19

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0792 g/100cc
					0.0814 g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2010 g/100cc
					g/100cc
Multi-Component mixture:			Sep-20	Lot # FN06041502	ok
Curve Fit:			Column 1	0.99998	Column2
					0.99996

Ethanol Calibration Reference Material						
Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0502	0.0520	0.0018	0.0511
100	0.100	0.090 - 0.110	0.0991	0.0998	0.0007	0.0994
200	0.200	0.180 - 0.220	0.1999	0.1978	0.0021	0.1988
300	0.300	0.270 - 0.330	0.3016	0.2992	0.0024	0.3004
500	0.500	0.450 - 0.550	0.4992	0.5012	0.002	0.5002

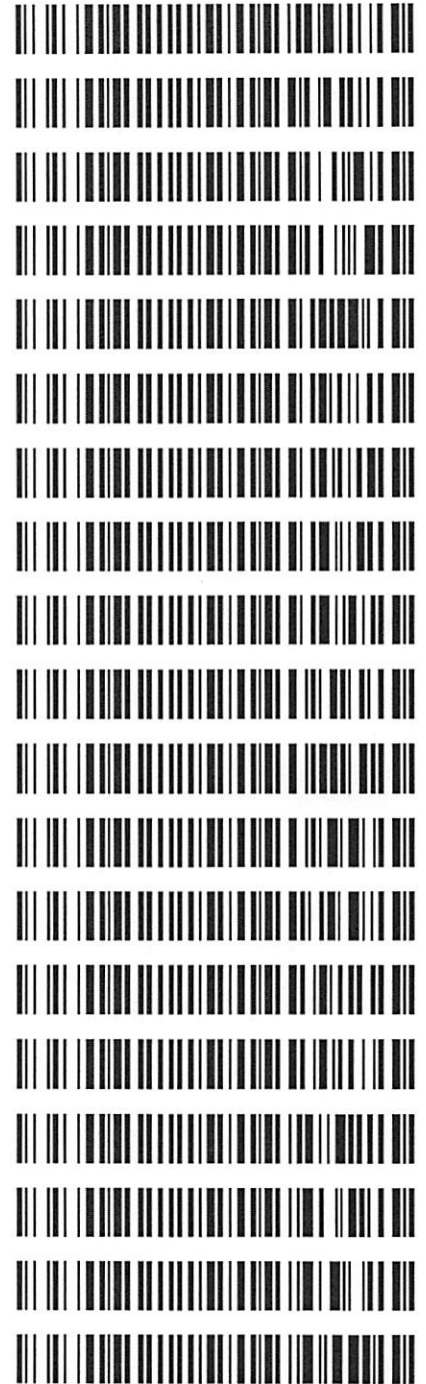
Aqueous Controls			
Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.079 g/100cc

REVIEWED

By Melissa (Nikka) Bradley at 3:52 pm, Feb 21, 2019

Worklist: 2963

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
M2019-0732	3	139816	Alcohol Analysis
M2019-0746	1	139404	Alcohol Analysis
M2019-0758	1	139438	Alcohol Analysis
M2019-0759	1	139439	Alcohol Analysis
M2019-0768	1	139460	Alcohol Analysis
M2019-0769	1	139461	Alcohol Analysis
M2019-0770	1	139462	Alcohol Analysis
M2019-0787	1	139512	Alcohol Analysis
M2019-0788	1	139513	Alcohol Analysis
M2019-0789	1	139533	Alcohol Analysis
M2019-0790	1	139534	Alcohol Analysis
M2019-0795	1	139568	Alcohol Analysis
M2019-0812	1	139599	Alcohol Analysis
M2019-0827	1	139639	Alcohol Analysis
M2019-0828	1	139640	Alcohol Analysis
M2019-0850	1	139815	Alcohol Analysis
M2019-0863	1	141997	Alcohol Analysis
M2019-0864	1	141998	Alcohol Analysis
M2019-0865	1	141999	Alcohol Analysis



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Calibration Table
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General Calibration Setting

Calib. Data Modified : Wednesday, February 20, 2019 2:49:50 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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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	4.50994	1.10866e-2	No	No 1	ethanol
		2	1.00000e-1	9.20050	1.08690e-2			
		3	2.00000e-1	18.63809	1.07307e-2			
		4	3.00000e-1	27.97259	1.07248e-2			
		5	5.00000e-1	47.13963	1.06068e-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	4.66614	1.07155e-2	No	No 2	ethanol
		2	1.00000e-1	9.58445	1.04336e-2			
		3	2.00000e-1	19.35337	1.03341e-2			
		4	3.00000e-1	29.33559	1.02265e-2			
		5	5.00000e-1	50.08694	9.98264e-3			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No 1	acetone
4.620	1	1	1.00000	45.37858	2.20368e-2	No	Yes 1	n-propanol
		2	1.00000	46.75404	2.13885e-2			
		3	1.00000	46.87068	2.13353e-2			
		4	1.00000	46.59780	2.14602e-2			
		5	1.00000	47.42130	2.10876e-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	47.42397	2.10864e-2	No	Yes 2	n-propanol
		2	1.00000	48.55627	2.05947e-2			
		3	1.00000	48.39064	2.06652e-2			
		4	1.00000	48.12415	2.07796e-2			
		5	1.00000	48.76479	2.05066e-2			

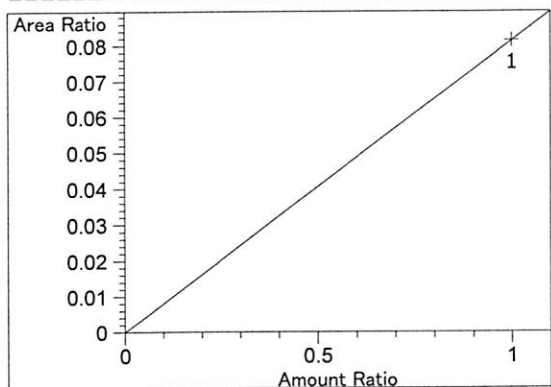
Peak Sum Table

No Entries in table

1 Warnings or Errors :

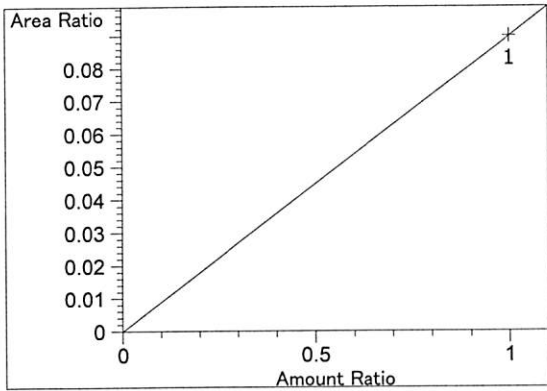
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

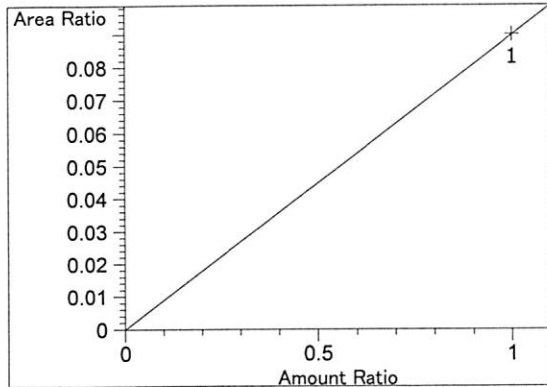


methanol at exp. RT: 2.586
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 8.14634e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

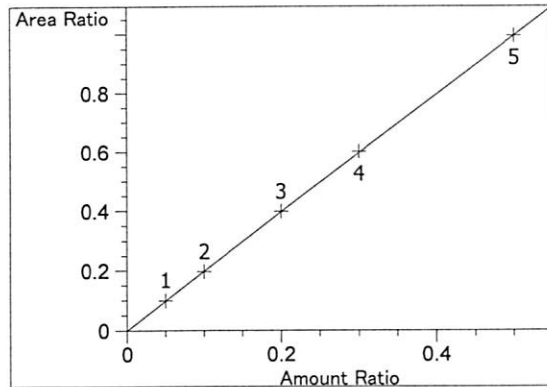
36



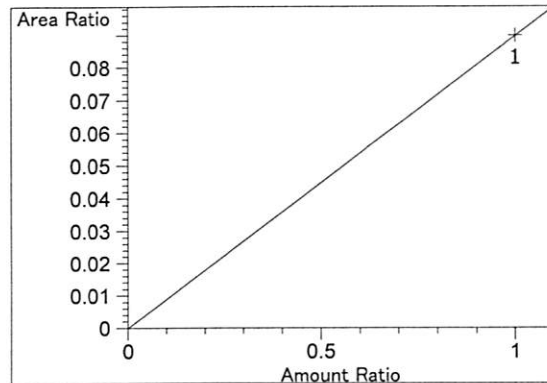
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: $8.98491e-2$
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: $8.98491e-2$
b: 0.00000
x: Amount Ratio
y: Area Ratio

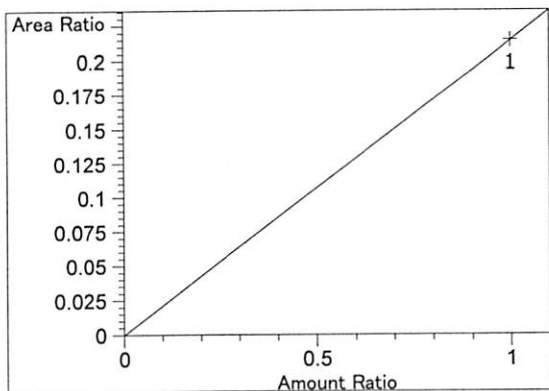


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00232
Formula: $y = mx + b$
m: 1.99232
b: $-5.96924e-4$
x: Amount Ratio
y: Area Ratio

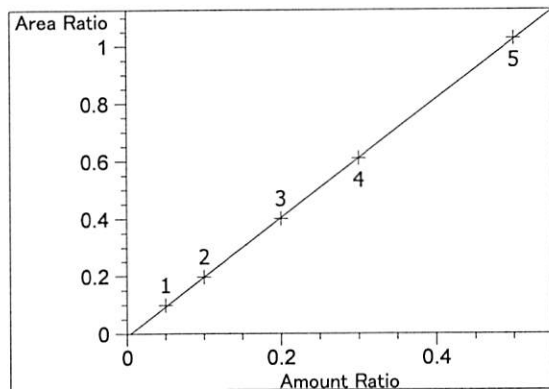


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: $8.98412e-2$
b: 0.00000
x: Amount Ratio
y: Area Ratio

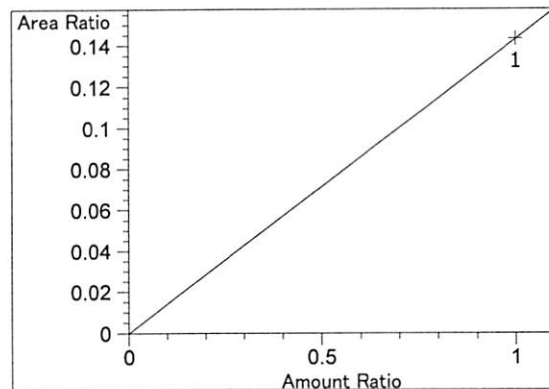
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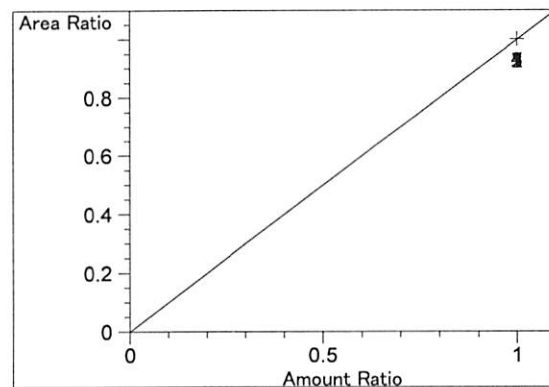
isopropyl alcohol at exp. RT: 3.628
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 2.14431e-1
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio



ethanol at exp. RT: 4.285
 FID2 B, Back Signal
 Correlation: 0.99996
 Residual Std. Dev.: 0.00389
 Formula: $y = mx + b$
 m: 2.06736
 b: -9.00937e-3
 x: Amount Ratio
 y: Area Ratio

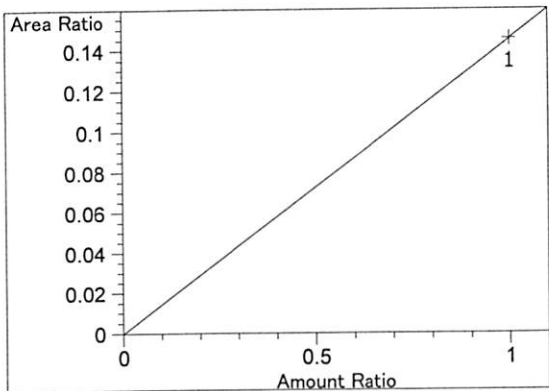


acetone at exp. RT: 4.308
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 1.43226e-1
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

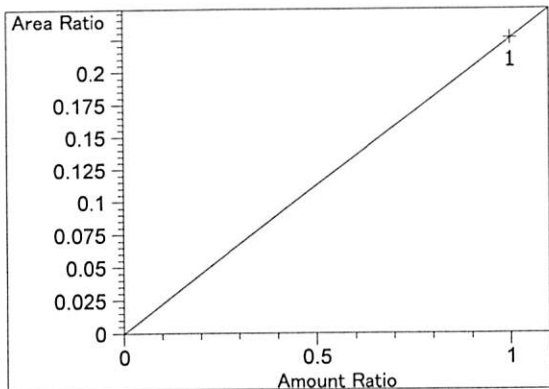


n-propanol at exp. RT: 4.620
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 1.00000
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

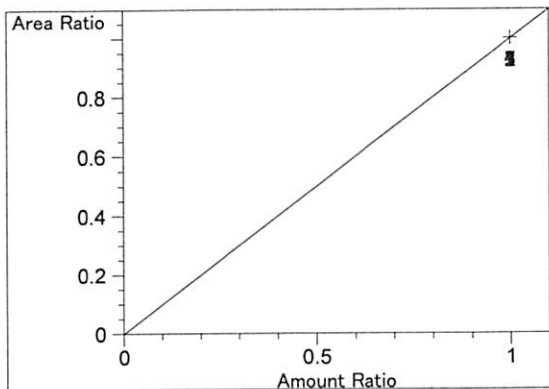
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acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.45349e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 2.25760e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



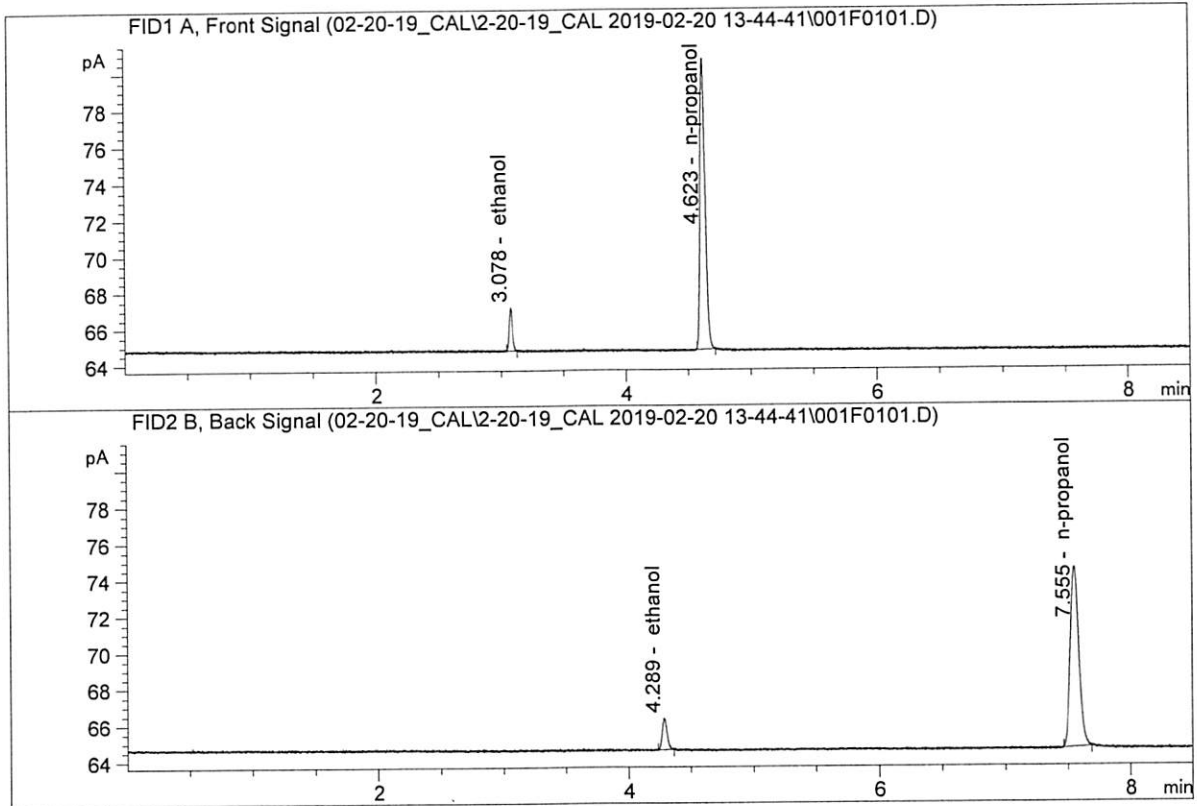
n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN04271601
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

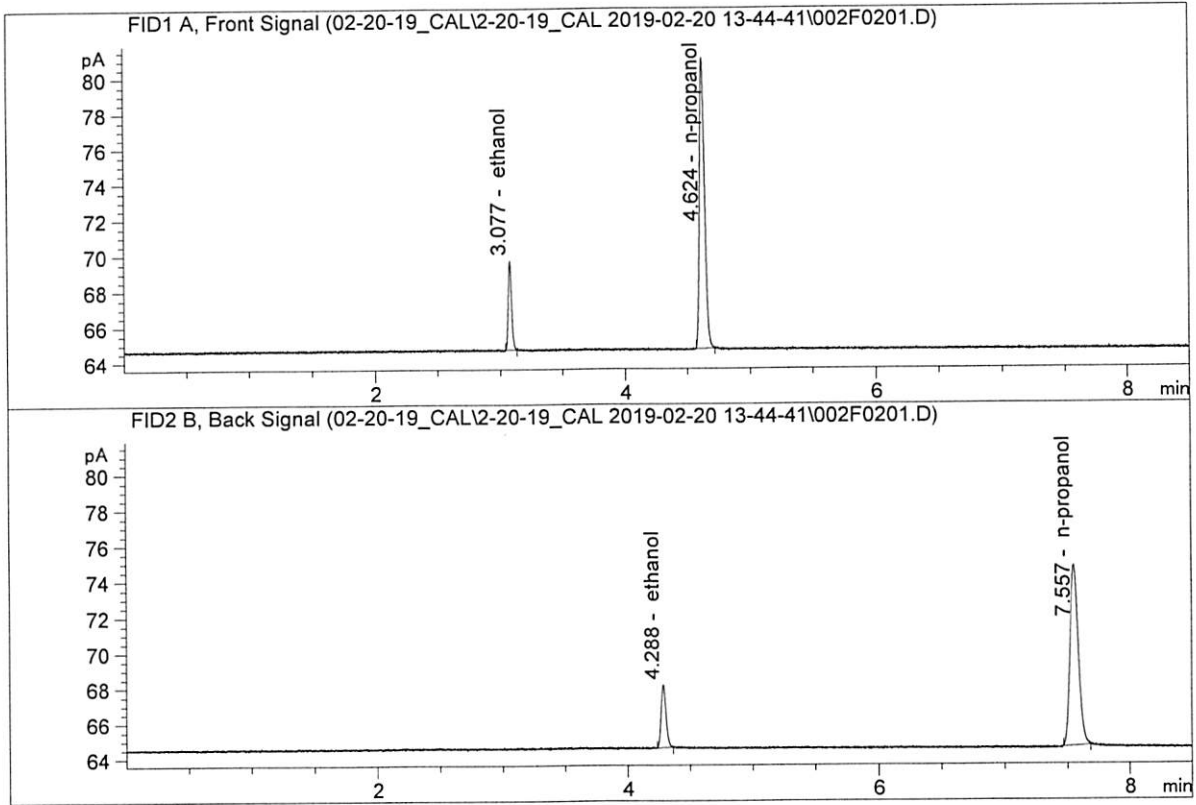


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.50994	0.0502	g/100cc
2.	Ethanol	Column 2:	4.66614	0.0520	g/100cc
3.	n-Propanol	Column 1:	45.37858	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.42397	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN08101601
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

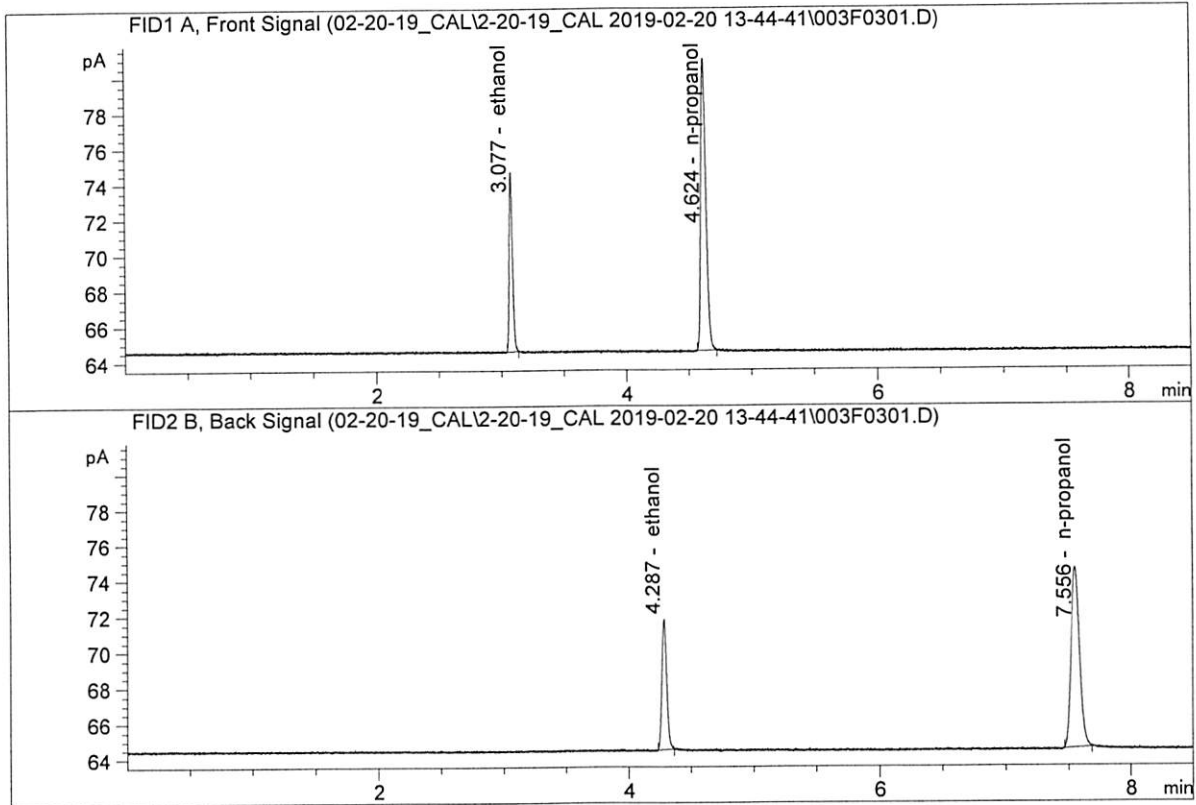


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.20050	0.0991	g/100cc
2.	Ethanol	Column 2:	9.58445	0.0998	g/100cc
3.	n-Propanol	Column 1:	46.75404	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.55627	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN03301601
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

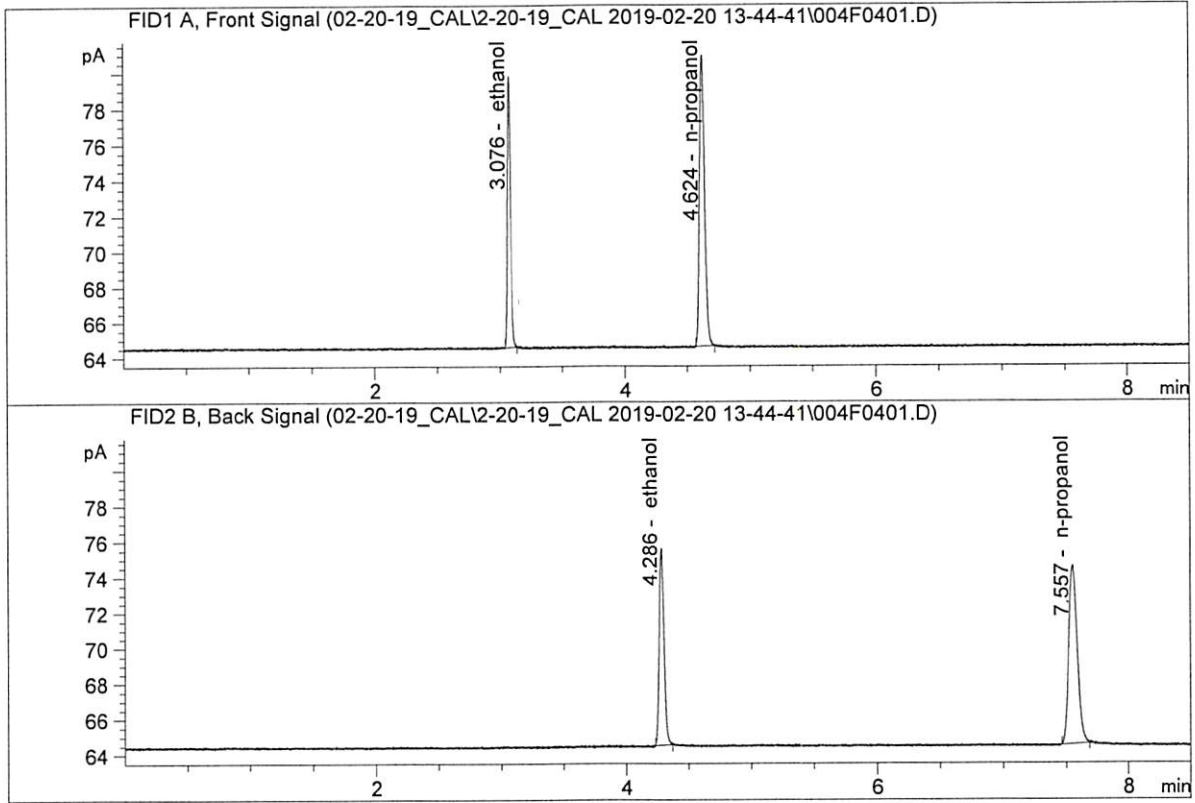


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.63809	0.1999	g/100cc
2.	Ethanol	Column 2:	19.35337	0.1978	g/100cc
3.	n-Propanol	Column 1:	46.87068	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.39064	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN02121601
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014 -CN11041167

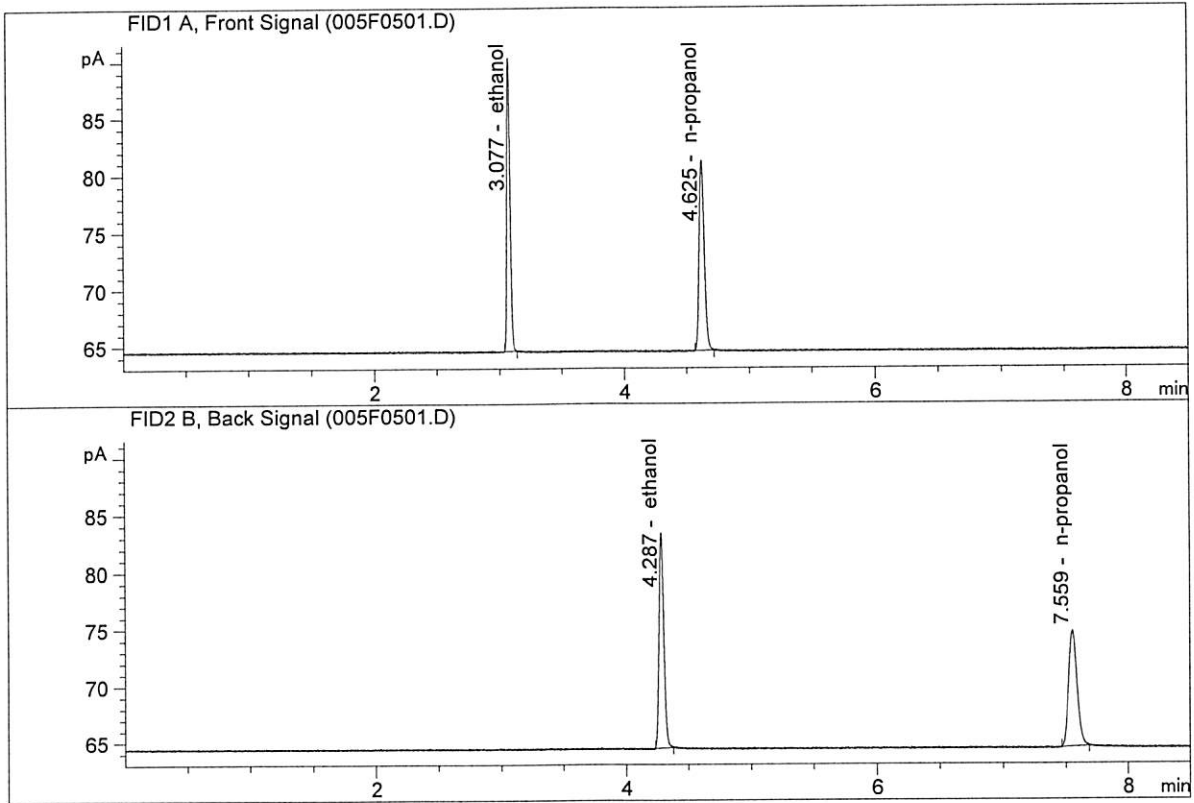


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.97259	0.3016	g/100cc
2.	Ethanol	Column 2:	29.33559	0.2992	g/100cc
3.	n-Propanol	Column 1:	46.59780	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.12415	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

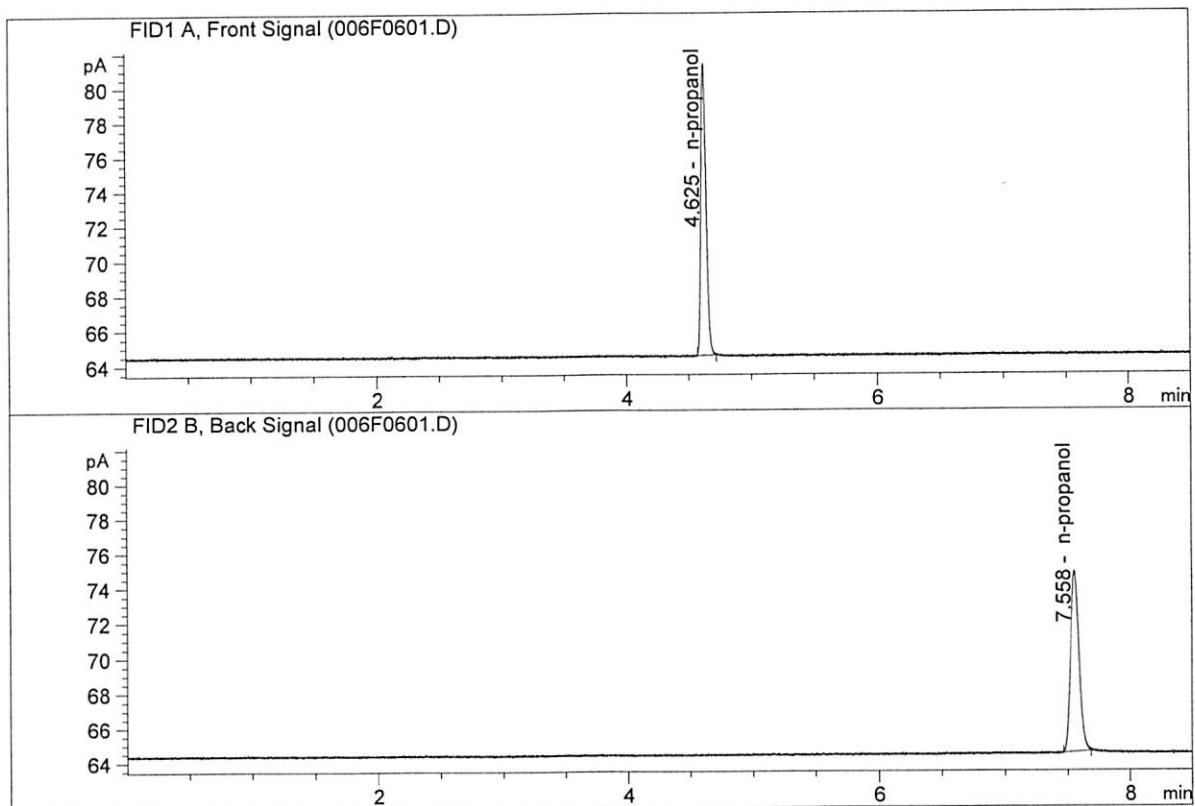


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	47.13963	0.4992	g/100cc
2.	Ethanol	Column 2:	50.08694	0.5012	g/100cc
3.	n-Propanol	Column 1:	47.42130	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.76479	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
 Laboratory : Meridian
 Injection Date : Feb 20, 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:	47.92826	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.58934	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\02-20-19_CAL\2-20-19_CAL 2019-02-20 13-44-41\2-20-19_CAL.S
 Data directory path: C:\Chem32\1\Data\02-20-19_CAL\2-20-19_CAL 2019-02-20 13-44-41\
 Logbook: C:\Chem32\1\Data\02-20-19_CAL\2-20-19_CAL 2019-02-20 13-44-41\2-20-19_CAL.LOG
 Sequence start: 2/20/2019 1:59:18 PM
 Sequence Operator: SYSTEM
 Operator: SYSTEM

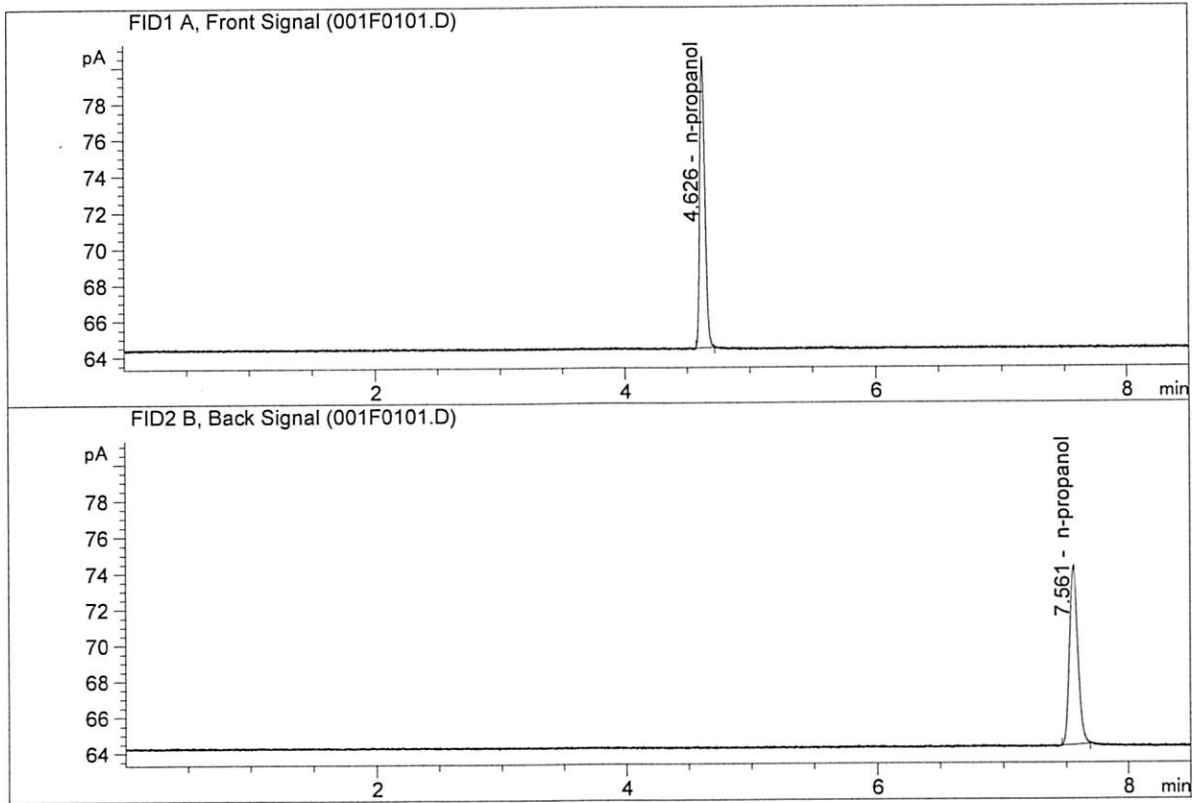
Method file name: C:\Chem32\1\Data\02-20-19_CAL\2-20-19_CAL 2019-02-20 13-44-41\ALCOHOL.M

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 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

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ISP Forensic Services Blood Alcohol Report

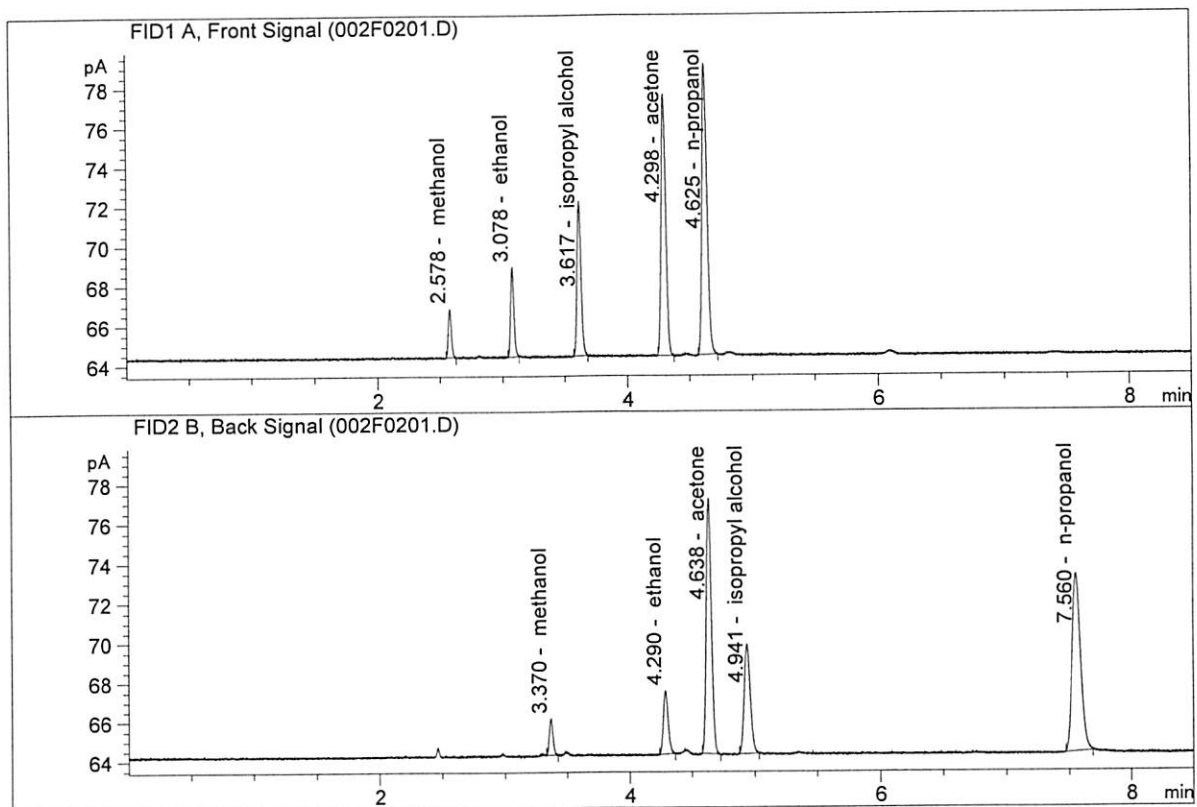
Sample Name : INTERNAL STD BLK 1
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	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:	45.96582	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.81641	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.30222	0.1001	g/100cc
2.	Ethanol	Column 2:	8.59073	0.1011	g/100cc
3.	n-Propanol	Column 1:	41.74678	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.94003	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 20 Feb 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0791	0.0802	0.0011	0.0796	0.0792	
(g/100cc)	0.0784	0.0793	0.0009	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.

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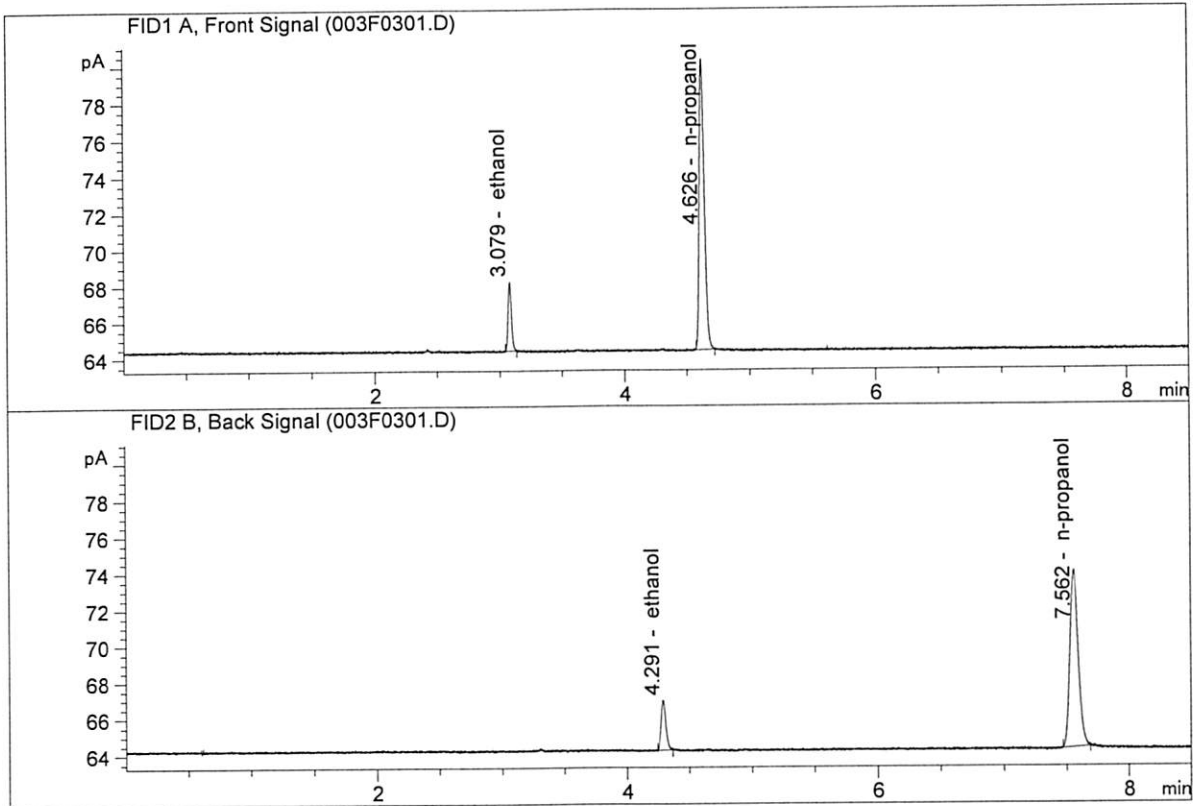
Revision: 1

Issue Date: 01/04/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

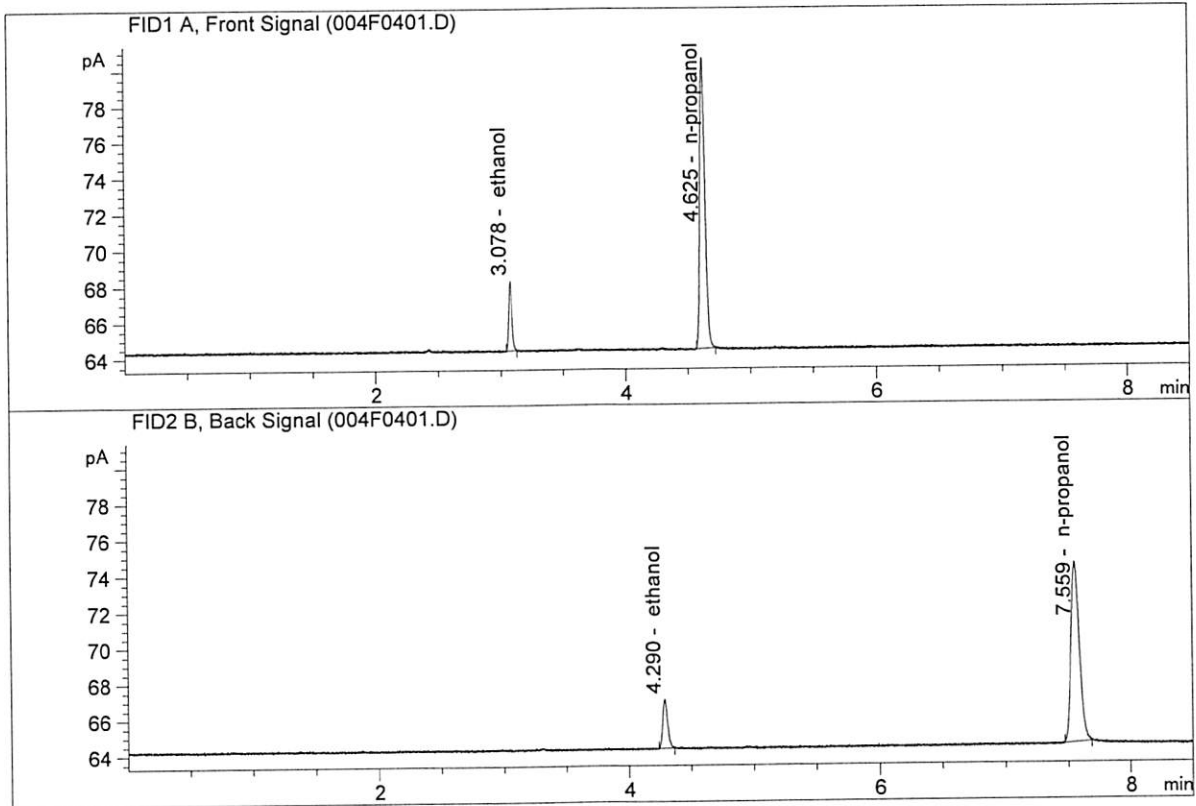
Sample Name : QC1-1-A
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.10032	0.0791	g/100cc
2.	Ethanol	Column 2:	7.31242	0.0802	g/100cc
3.	n-Propanol	Column 1:	45.23124	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.62544	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.20633	0.0784	g/100cc
2.	Ethanol	Column 2:	7.36746	0.0793	g/100cc
3.	n-Propanol	Column 1:	46.29676	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.57454	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701

Analysis Date(s): 20 Feb 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0787	0.0807	0.0020	0.0797	0.0799
(g/100cc)	0.0796	0.0808	0.0012	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
0.079	0.075	0.083	0.004

Reported Result	
0.079	

Calibration and control data are stored centrally.

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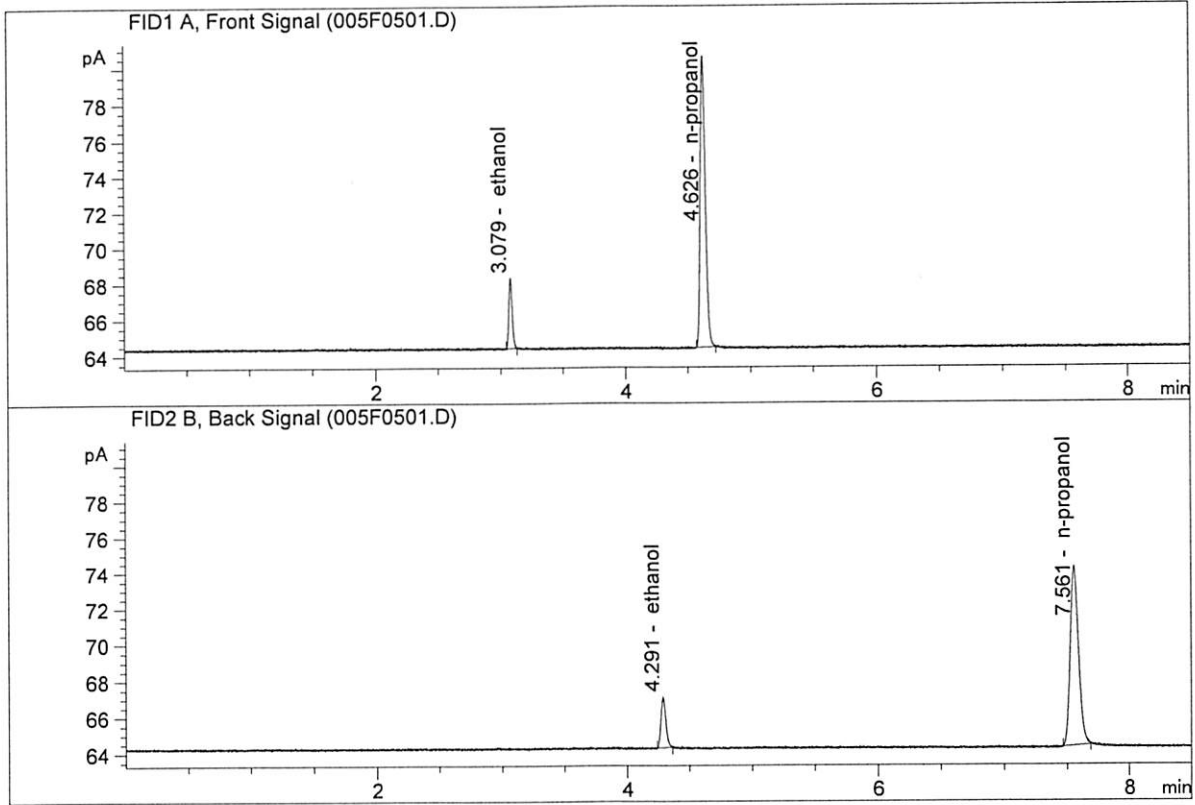
Revision: 1

Issue Date: 01/04/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

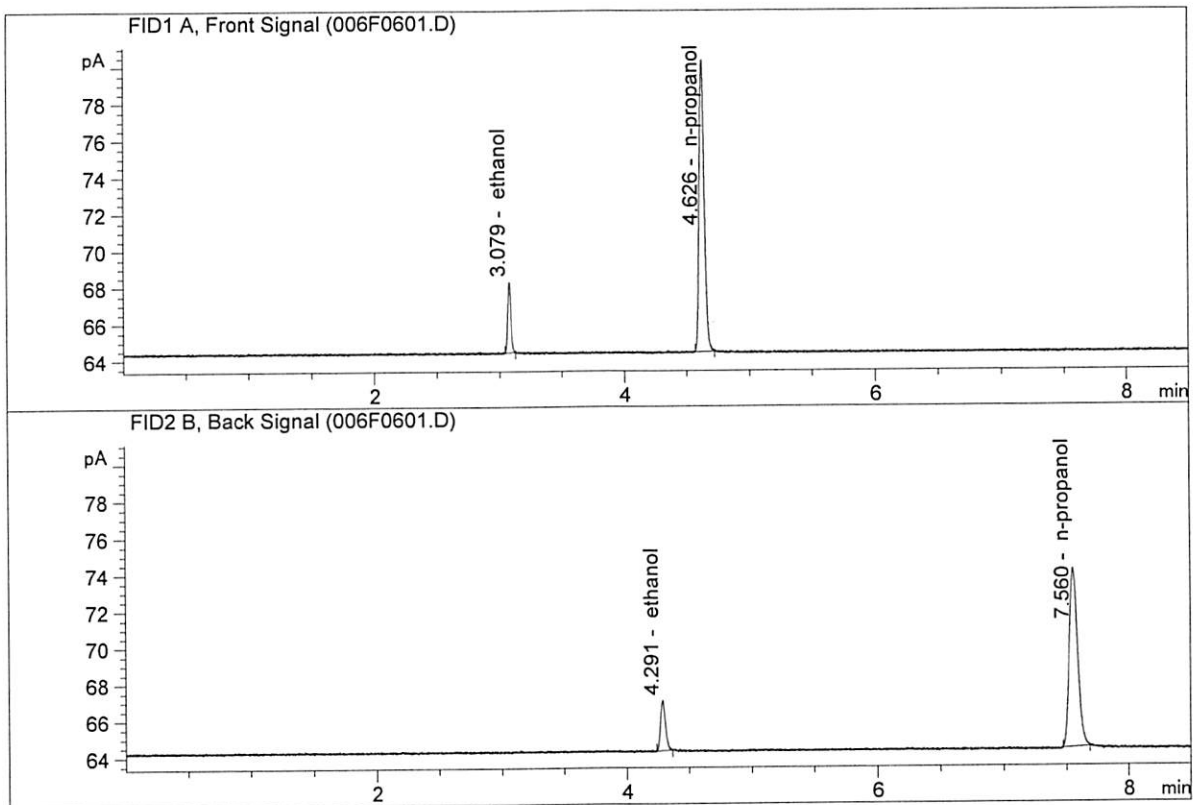


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.20604	0.0787	g/100cc
2.	Ethanol	Column 2:	7.48699	0.0807	g/100cc
3.	n-Propanol	Column 1:	46.15023	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.44872	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.20747	0.0796	g/100cc
2.	Ethanol	Column 2:	7.38773	0.0808	g/100cc
3.	n-Propanol	Column 1:	45.63541	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.74889	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1

Analysis Date(s): 20 Feb 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2020	0.2015	0.0005	0.2017	0.2010	
(g/100cc)	0.2008	0.2000	0.0008	0.2004		

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
0.201	0.190	0.212	0.011

	Reported Result	
	0.201	

Calibration and control data are stored centrally.

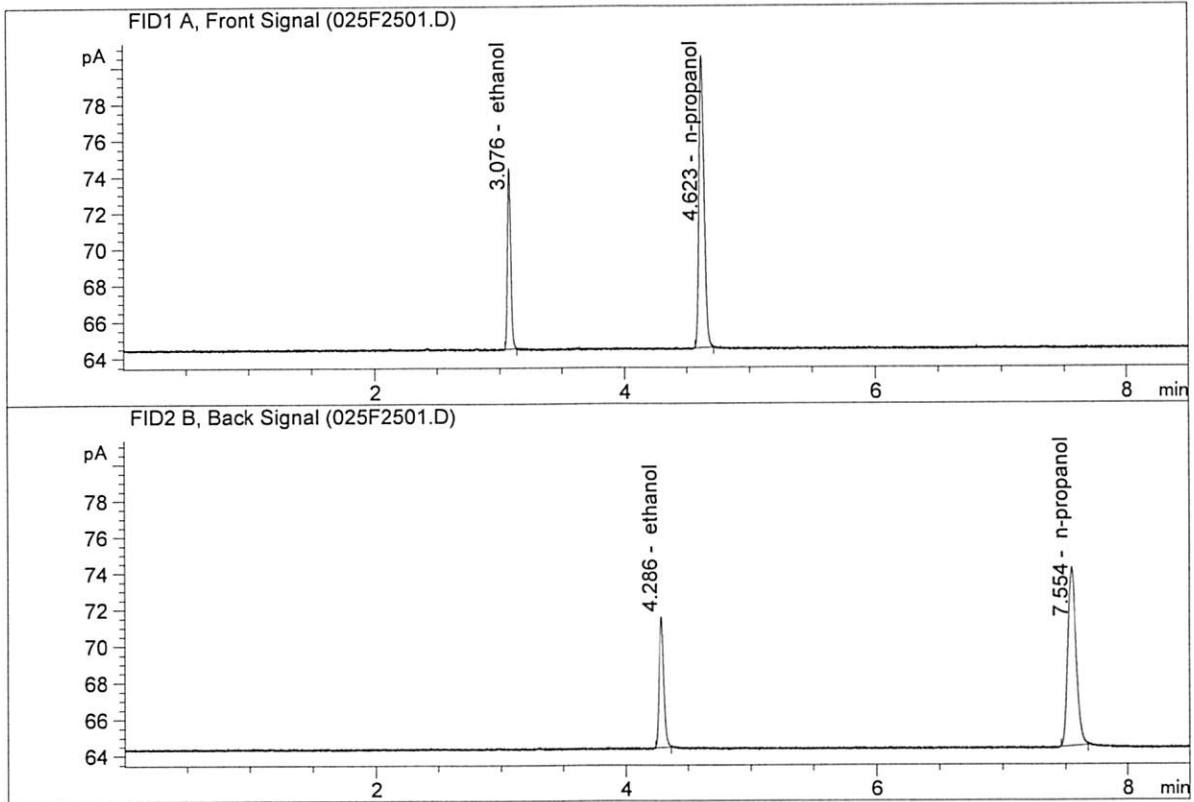
Revision: 1

Issue Date: 01/04/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

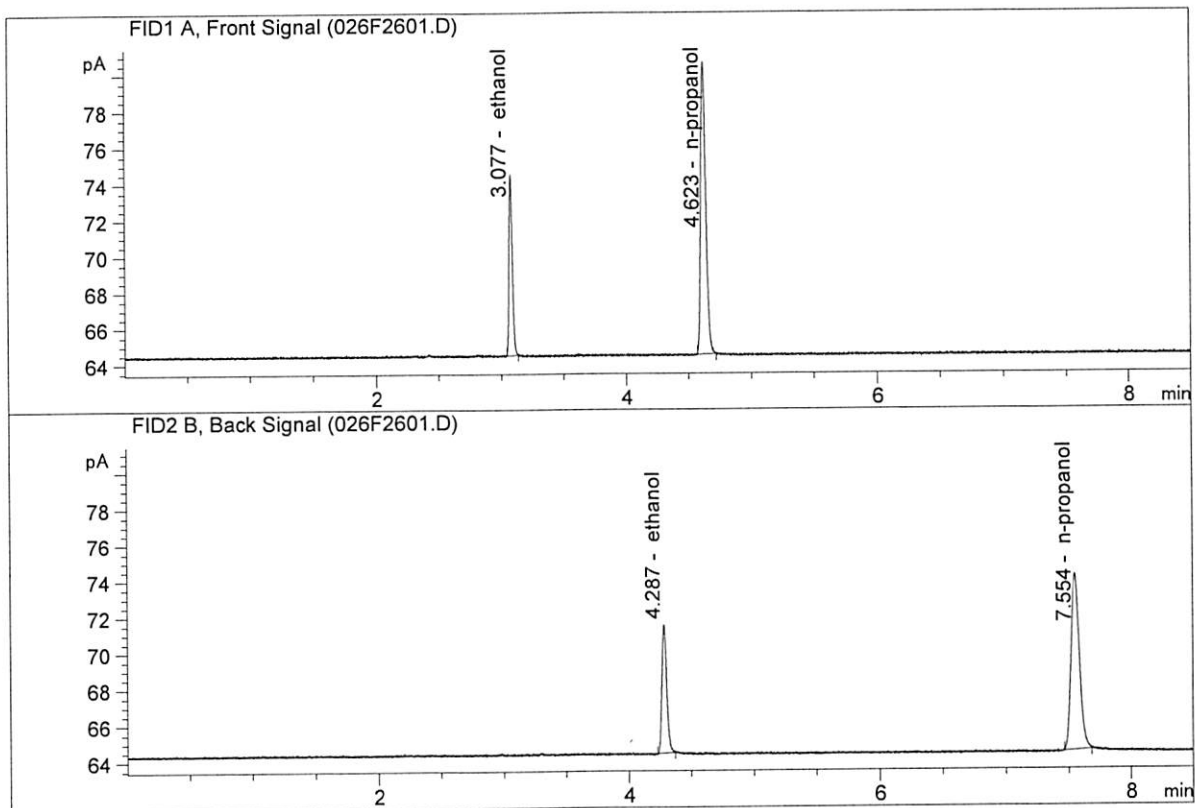


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.33366	0.2020	g/100cc
2.	Ethanol	Column 2:	18.91478	0.2015	g/100cc
3.	n-Propanol	Column 1:	45.62125	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.40293	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
 Laboratory : Meridian
 Injection Date : Feb 20, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.34186	0.2008	g/100cc
2.	Ethanol	Column 2:	18.92999	0.2000	g/100cc
3.	n-Propanol	Column 1:	45.92660	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.80445	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2

Analysis Date(s): 21 Feb 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0811	0.0822	0.0011	0.0816	0.0814	
(g/100cc)	0.0802	0.0821	0.0019	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

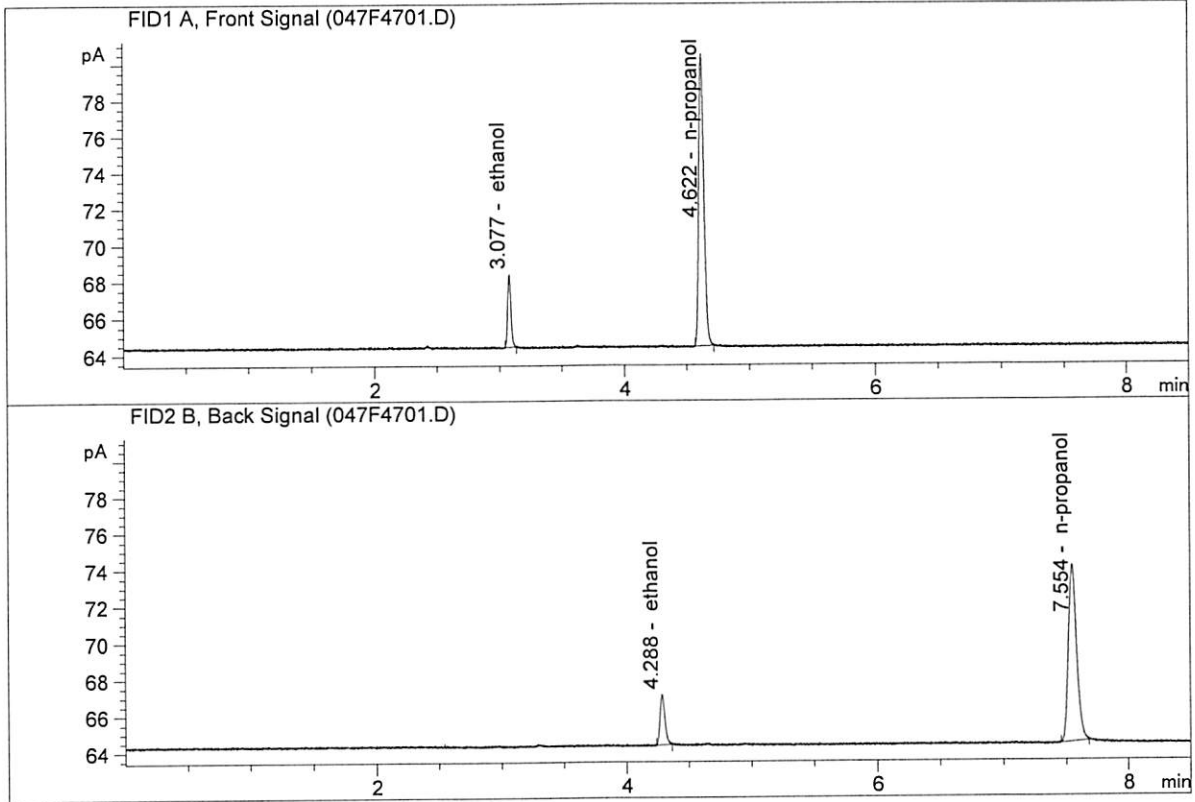
	Reported Result	
	0.081	

Calibration and control data are stored centrally.



ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
 Laboratory : Meridian
 Injection Date : Feb 21, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

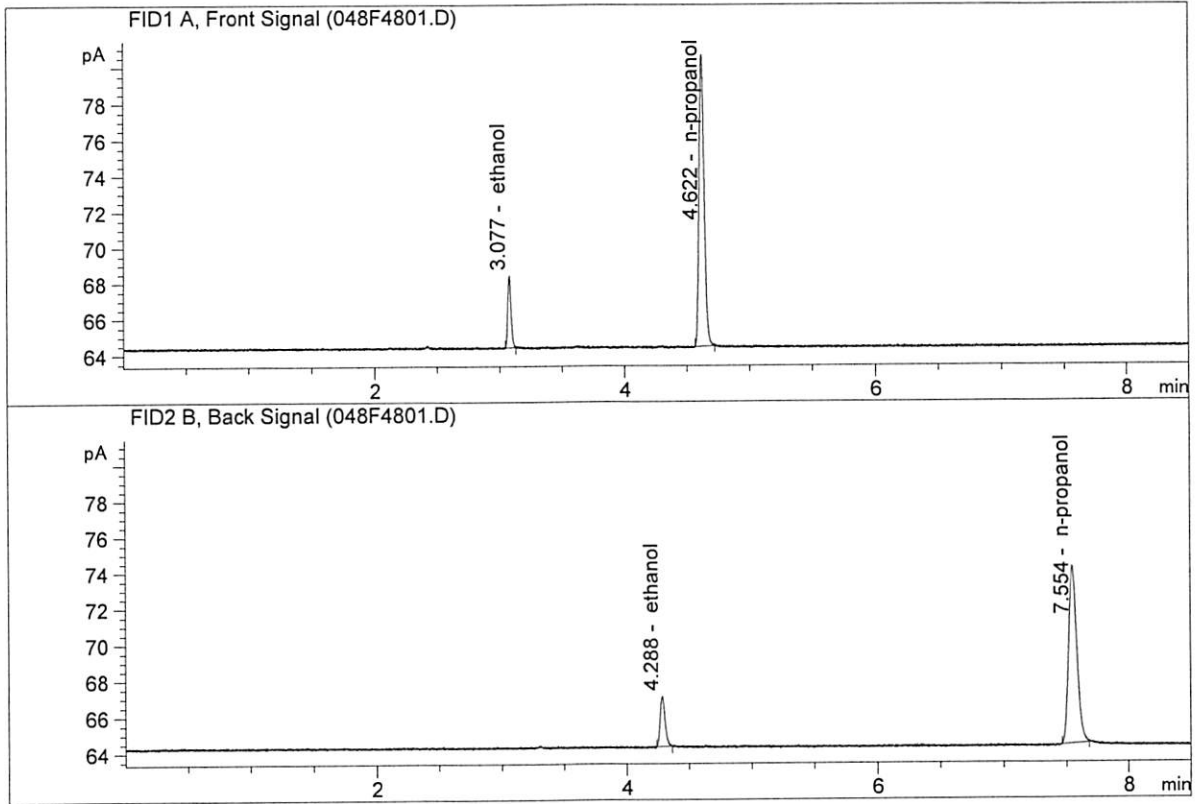


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.34110	0.0811	g/100cc
2.	Ethanol	Column 2:	7.47403	0.0822	g/100cc
3.	n-Propanol	Column 1:	45.62327	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.46840	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

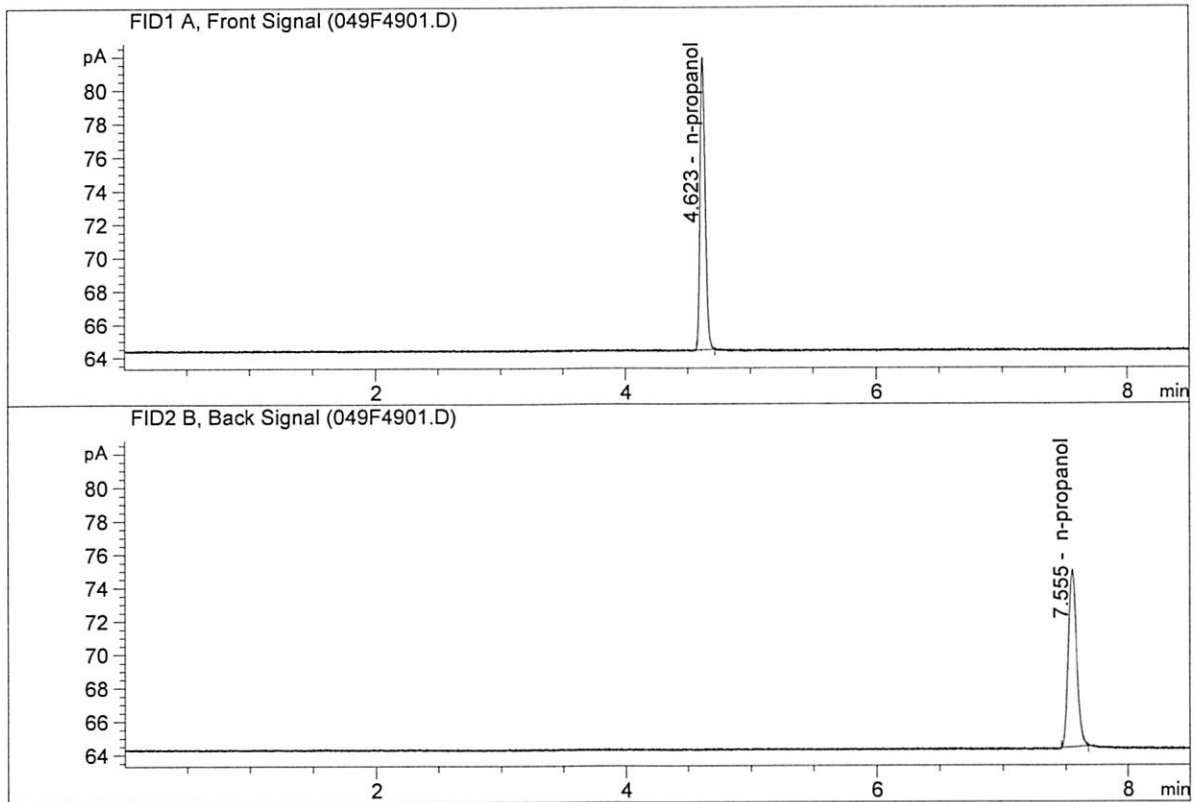
Sample Name : QC1-2-B
 Laboratory : Meridian
 Injection Date : Feb 21, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.34091	0.0802	g/100cc
2.	Ethanol	Column 2:	7.54178	0.0821	g/100cc
3.	n-Propanol	Column 1:	46.13398	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.93394	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
 Laboratory : Meridian
 Injection Date : Feb 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:	49.52242	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.39812	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\2-20-19_SAMPLES\2-20-19t_SAMPLES 2019-02-20 16-55-11\2-2-19t_SAMPLES.S
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 Logbook: C:\Chem32\1\Data\2-20-19_SAMPLES\2-20-19t_SAMPLES 2019-02-20 16-55-11\2-2-19t_SAMPLES.LOG
 Sequence start: 2/20/2019 5:09:57 PM
 Sequence Operator: SYSTEM
 Operator: SYSTEM
 Method file name: C:\Chem32\1\Data\2-20-19_SAMPLES\2-20-19t_SAMPLES 2019-02-20 16-55-11\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	M2019-0732-3-A	-	1.0000	007F0701.D		2
8	8	1	M2019-0732-3-B	-	1.0000	008F0801.D		2
9	9	1	M2019-0746-1-A	-	1.0000	009F0901.D		4
10	10	1	M2019-0746-1-B	-	1.0000	010F1001.D		4
11	11	1	M2019-0758-1-A	-	1.0000	011F1101.D		4
12	12	1	M2019-0758-1-B	-	1.0000	012F1201.D		4
13	13	1	M2019-0759-1-A	-	1.0000	013F1301.D		4
14	14	1	M2019-0759-1-B	-	1.0000	014F1401.D		4
15	15	1	M2019-0768-1-A	-	1.0000	015F1501.D		4
16	16	1	M2019-0768-1-B	-	1.0000	016F1601.D		4
17	17	1	M2019-0769-1-A	-	1.0000	017F1701.D		4
18	18	1	M2019-0769-1-B	-	1.0000	018F1801.D		4
19	19	1	M2019-0770-1-A	-	1.0000	019F1901.D		2
20	20	1	M2019-0770-1-B	-	1.0000	020F2001.D		2
21	21	1	M2019-0787-1-A	-	1.0000	021F2101.D		4
22	22	1	M2019-0787-1-B	-	1.0000	022F2201.D		4
23	23	1	M2019-0788-1-A	-	1.0000	023F2301.D		4
24	24	1	M2019-0788-1-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	M2019-0789-1-A	-	1.0000	027F2701.D		4
28	28	1	M2019-0789-1-B	-	1.0000	028F2801.D		4
29	29	1	M2019-0790-1-A	-	1.0000	029F2901.D		4
30	30	1	M2019-0790-1-B	-	1.0000	030F3001.D		4
31	31	1	M2019-0795-1-A	-	1.0000	031F3101.D		4
32	32	1	M2019-0795-1-B	-	1.0000	032F3201.D		4
33	33	1	M2019-0812-1-A	-	1.0000	033F3301.D		4
34	34	1	M2019-0812-1-B	-	1.0000	034F3401.D		4
35	35	1	M2019-0827-1-A	-	1.0000	035F3501.D		4
36	36	1	M2019-0827-1-B	-	1.0000	036F3601.D		4
37	37	1	M2019-0828-1-A	-	1.0000	037F3701.D		4
38	38	1	M2019-0828-1-B	-	1.0000	038F3801.D		4
39	39	1	M2019-0850-1-A	-	1.0000	039F3901.D		4
40	40	1	M2019-0850-1-B	-	1.0000	040F4001.D		4
41	41	1	M2019-0863-1-A	-	1.0000	041F4101.D		4
42	42	1	M2019-0863-1-B	-	1.0000	042F4201.D		4
43	43	1	M2019-0864-1-A	-	1.0000	043F4301.D		4

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Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
44	44	1	M2019-0864-1-B	-	1.0000	044F4401.D		4
45	45	1	M2019-0865-1-A	-	1.0000	045F4501.D		4
46	46	1	M2019-0865-1-B	-	1.0000	046F4601.D		4
47	47	1	QC1-2-A	-	1.0000	047F4701.D		4
48	48	1	QC1-2-B	-	1.0000	048F4801.D		4
49	49	1	INTERNAL STD BLK	-	1.0000	049F4901.D		2

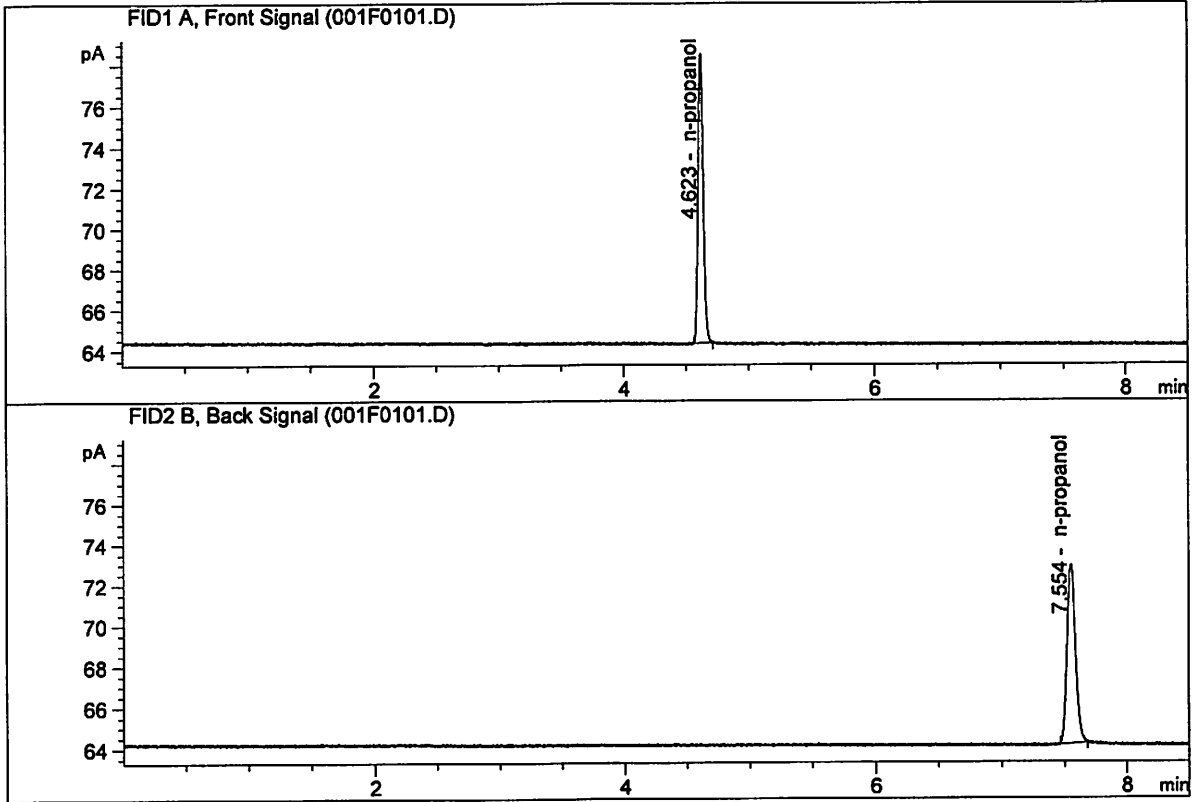
Method file name: C:\Chem32\1\Data\2-20-19_SAMPLES\2-20-19t_SAMPLES 2019-02-20 16-55-11
 \SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
50	50	1	EMPTY	-	1.0000	050F5001.D		0

JG

ISP Forensic Services Blood Alcohol Report

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

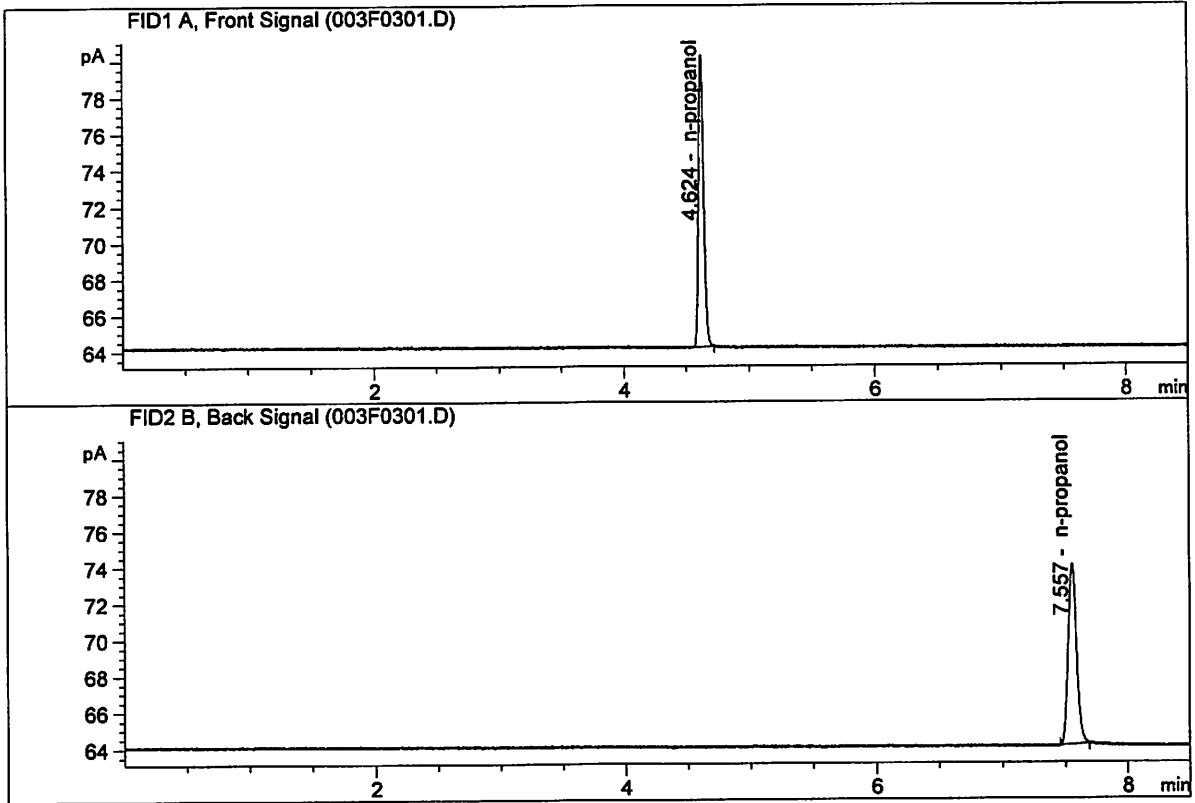


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.51367	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.16127	1.0000	g/100cc

JK

ISP Forensic Services Blood Alcohol Report

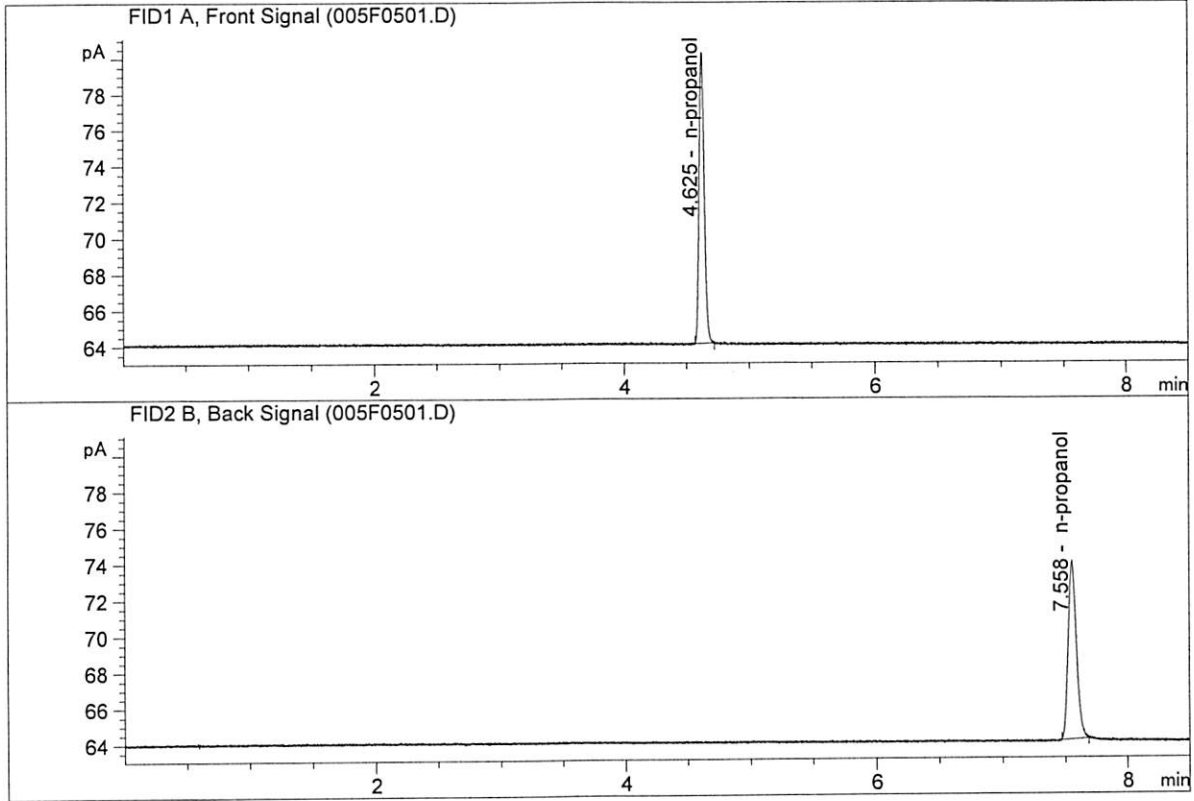
Sample Name : INTERNAL STD BLK
 Laboratory : Meridian
 Injection Date : Feb 21, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	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:	46.02289	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.71391	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
 Laboratory : Meridian
 Injection Date : Feb 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:	46.23718	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.55281	1.0000	g/100cc

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

Sequence table: C:\Chem32\1\Data\2-21-19_INH\2-21-19_INH 2019-02-21 08-39-57\2-21-19_INH.
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 Sequence start: 2/21/2019 8:54:33 AM
 Sequence Operator: SYSTEM
 Operator: SYSTEM

Method file name: C:\Chem32\1\Data\2-21-19_INH\2-21-19_INH 2019-02-21 08-39-57\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #
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

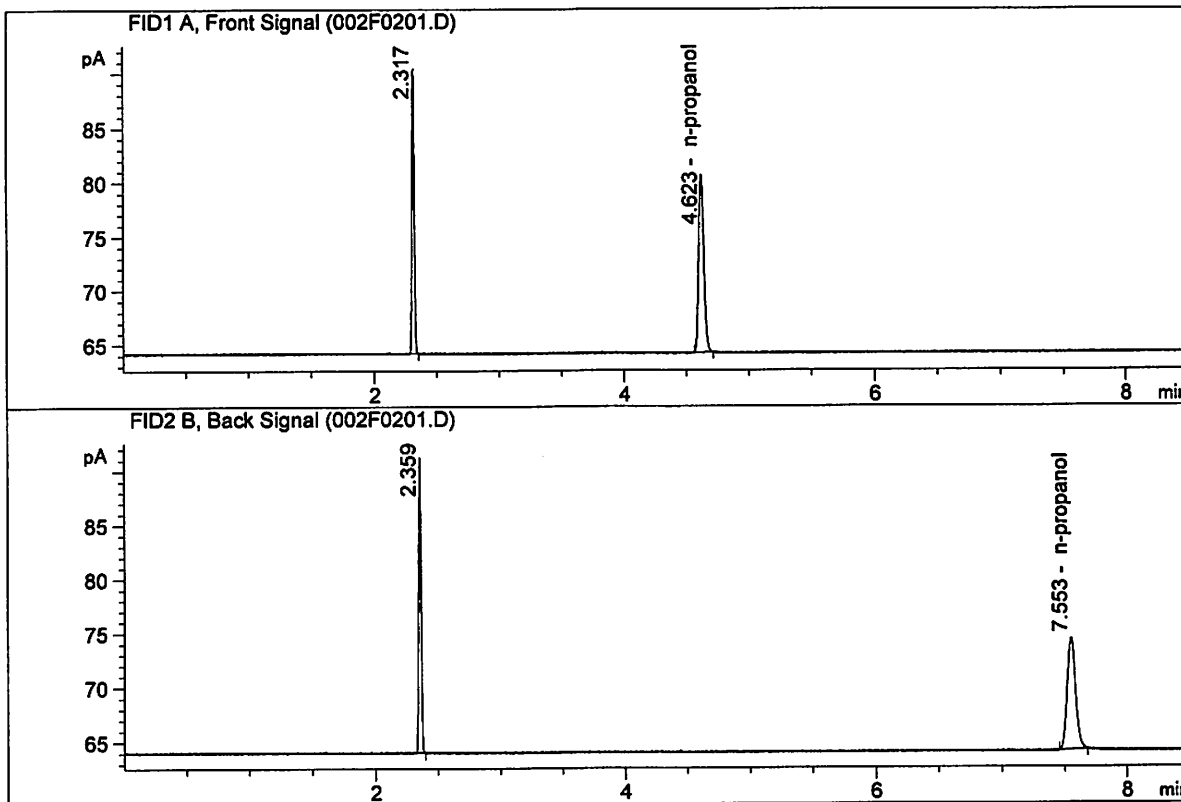
Method file name: C:\Chem32\1\Data\2-21-19_INH\2-21-19_INH 2019-02-21 08-39-57\SHUTDOWN.M

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

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ISP Forensic Services Blood Alcohol Report

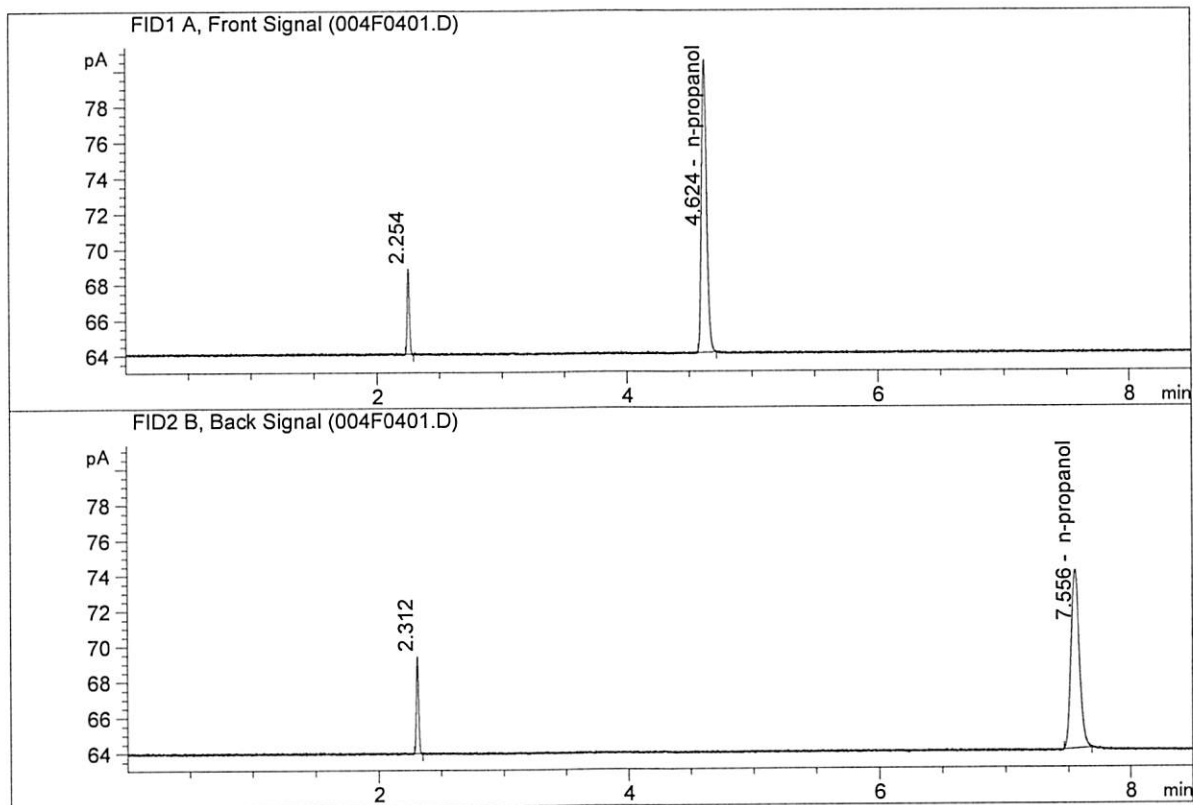
Sample Name : DFE 111914OM
 Laboratory : Meridian
 Injection Date : Feb 21, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	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:	46.93663	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.81399	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : TFE 111914
 Laboratory : Meridian
 Injection Date : Feb 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:	46.96431	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.60050	1.0000	g/100cc

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