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): 5/9/19**

Calibration Date: 5/9/18

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0797 g/100cc
					0.0840 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2062 g/100cc
					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	0.0506	0.0522	0.0016	0.0514
100	0.100	0.090 - 0.110	0.0992	0.0991	0.0001	0.0991
200	0.200	0.180 - 0.220	0.1990	0.1980	0.001	0.1985
300	0.300	0.270 - 0.330	0.3017	0.3000	0.0017	0.3008
500	0.500	0.450 - 0.550	0.4995	0.5008	0.0013	0.5001

Aqueous Controls

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

MB

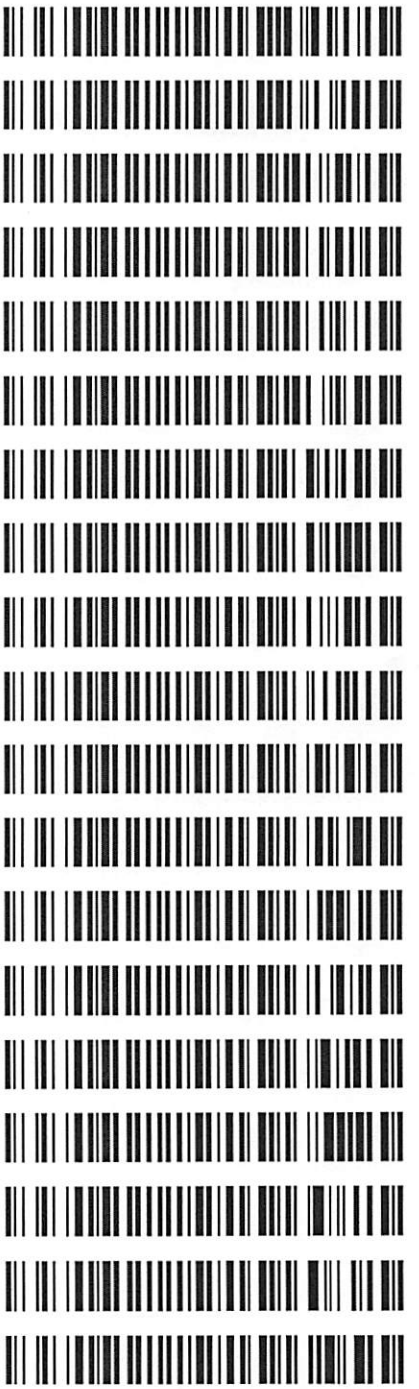
REVIEWED
By Melissa (Nikka) Bradley at 2:12 pm, May 10, 2019

JG

5/10/2019

Worklist: 3378

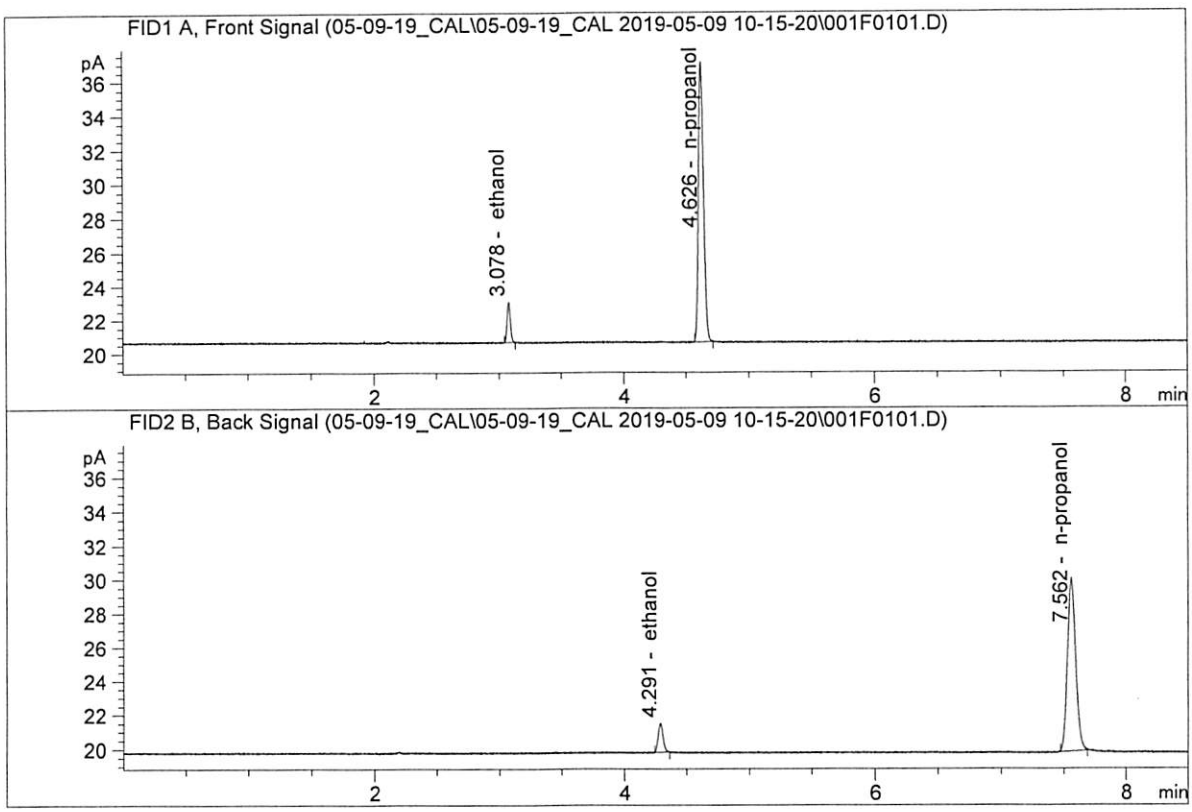
LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2019-1905	1	149784	Alcohol Analysis
M2019-2047	1	150470	Alcohol Analysis
M2019-2060	1	150494	Alcohol Analysis
M2019-2062	1	150580	Alcohol Analysis
M2019-2063	1	150581	Alcohol Analysis
M2019-2064	1	150582	Alcohol Analysis
M2019-2091	1	150883	Alcohol Analysis
M2019-2092	1	150890	Alcohol Analysis
M2019-2093	1	150891	Alcohol Analysis
M2019-2094	1	150895	Alcohol Analysis
M2019-2115	1	150986	Alcohol Analysis
M2019-2116	1	150987	Alcohol Analysis
M2019-2129	1	151008	Alcohol Analysis
M2019-2131	1	151042	Alcohol Analysis
M2019-2139	2	151051	Alcohol Analysis
M2019-2140	1	151052	Alcohol Analysis
M2019-2141	1	151053	Alcohol Analysis
M2019-2142	4	151057	Alcohol Analysis
M2019-2144	1	151059	Alcohol Analysis



JC

ISP Forensic Services Blood Alcohol Report

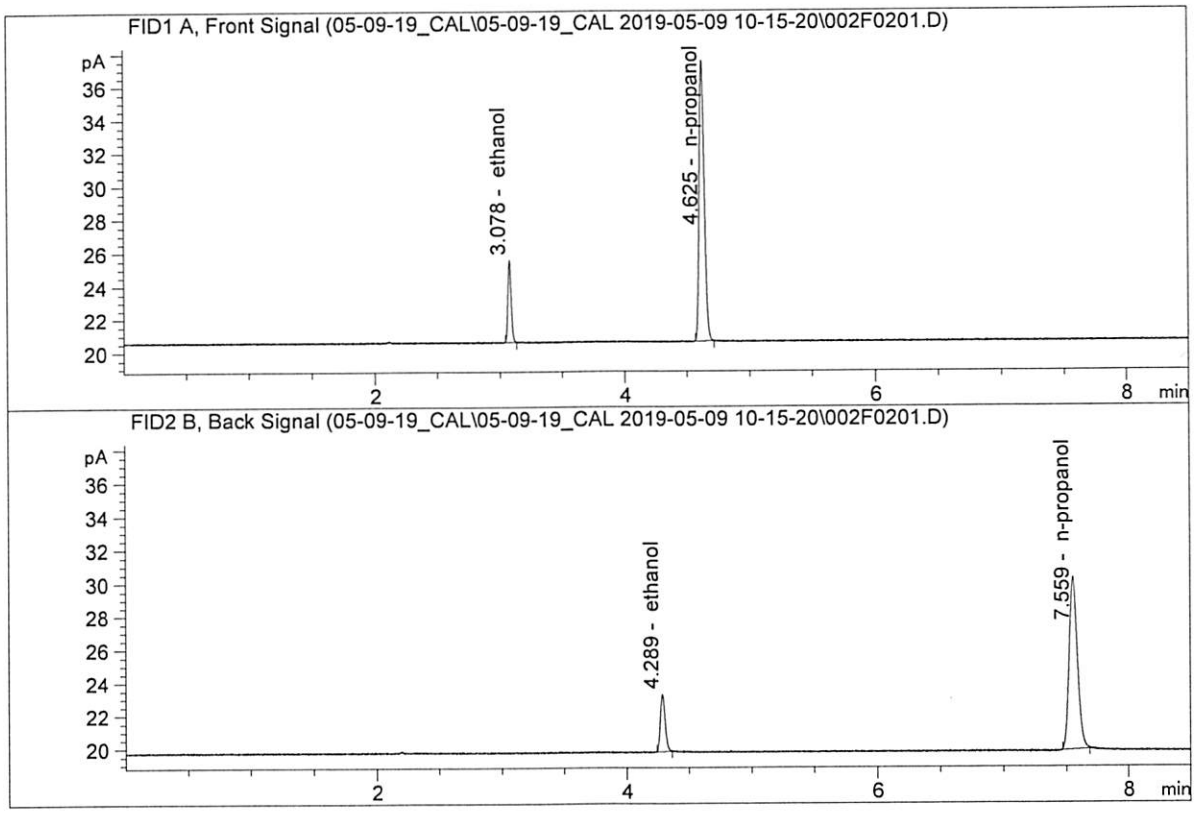
Sample Name : 0.050 FN04271601
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.41218	0.0506	g/100cc
2.	Ethanol	Column 2:	4.58750	0.0522	g/100cc
3.	n-Propanol	Column 1:	46.58786	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.71809	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

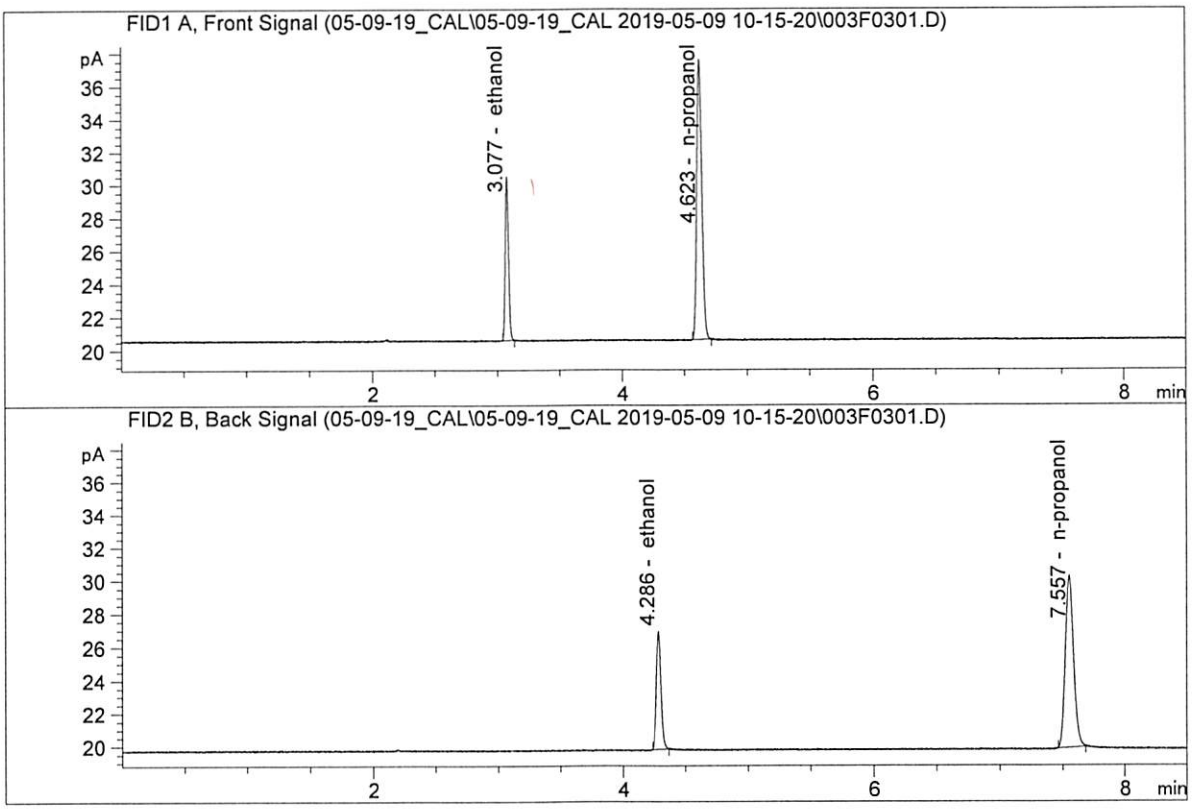
Sample Name : 0.100 FN08101601
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.93847	0.0992	g/100cc
2.	Ethanol	Column 2:	9.24911	0.0991	g/100cc
3.	n-Propanol	Column 1:	47.95212	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.83683	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN03301601
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

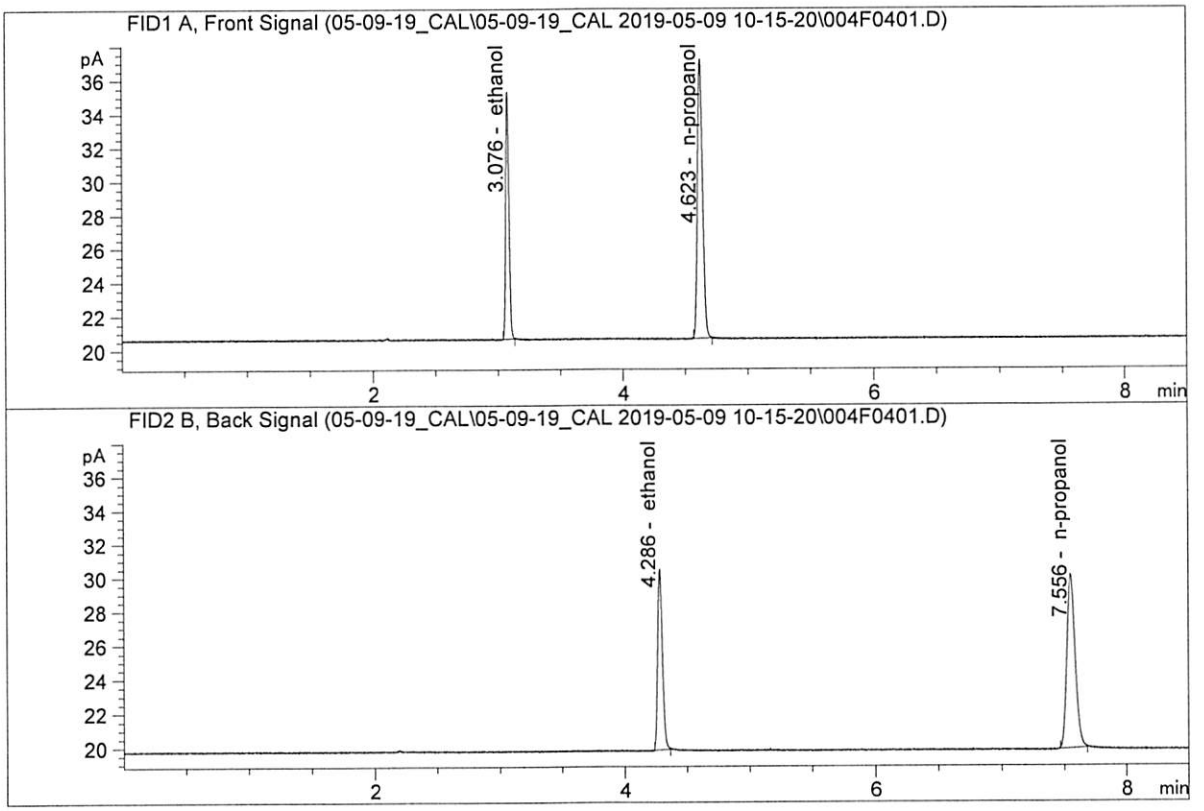


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.03616	0.1990	g/100cc
2.	Ethanol	Column 2:	18.85801	0.1980	g/100cc
3.	n-Propanol	Column 1:	48.16090	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.84030	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN02121601
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

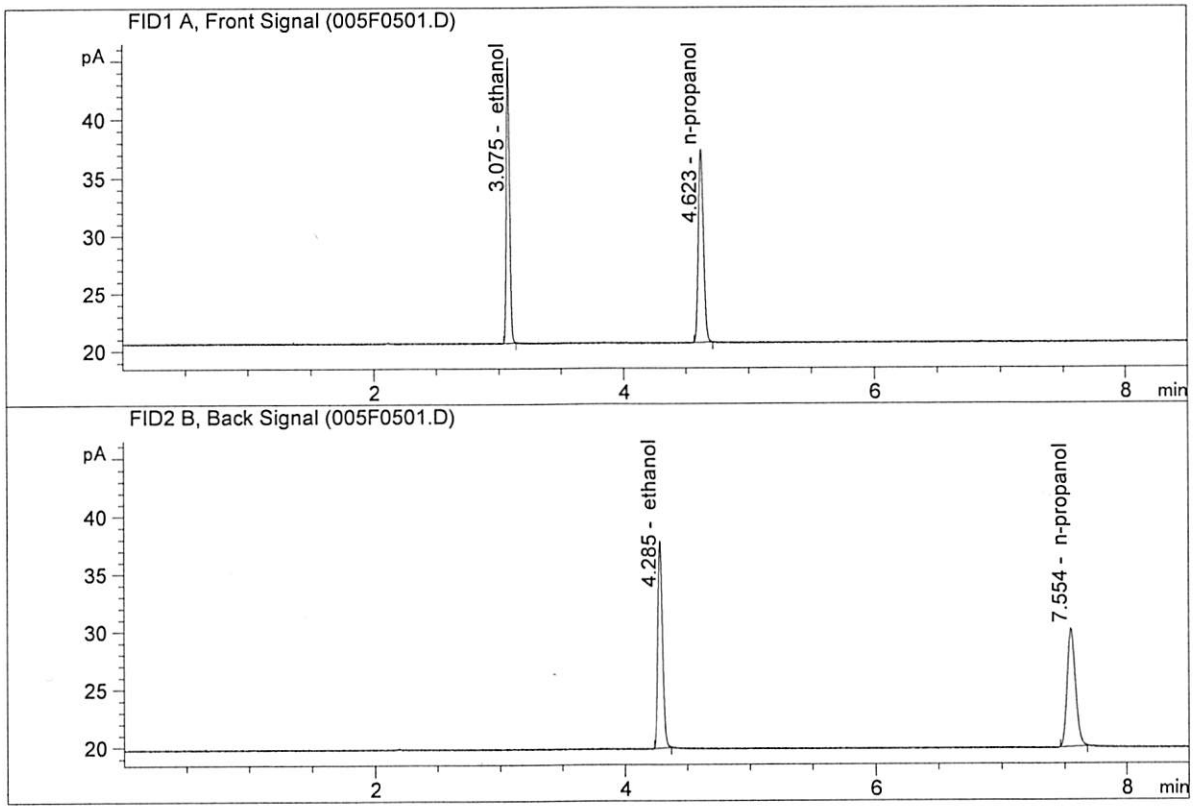


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.76689	0.3017	g/100cc
2.	Ethanol	Column 2:	28.08107	0.3000	g/100cc
3.	n-Propanol	Column 1:	47.10820	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.64799	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

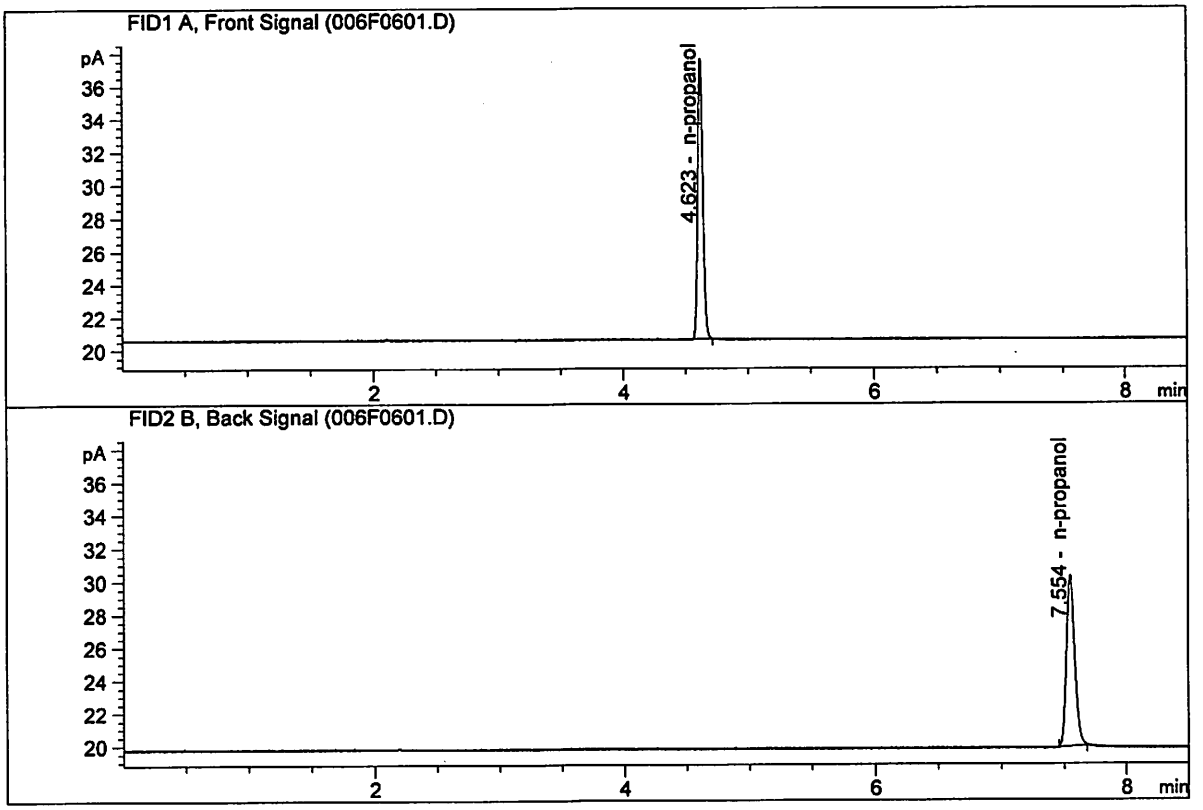


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.75016	0.4995	g/100cc
2.	Ethanol	Column 2:	47.43238	0.5008	g/100cc
3.	n-Propanol	Column 1:	47.54111	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.97371	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : May 9, 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:	48.23984	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.77007	1.0000	g/100cc

Sequence File C:\Chem32\1\Data\05-09-19_CAL\05-09-19_CAL 2019-05-09 10-15-20\05-09-19_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\05-09-19_CAL\05-09-19_CAL 2019-05-09 10-15-20\05-09-19_CAL.S
Data directory path: C:\Chem32\1\Data\05-09-19_CAL\05-09-19_CAL 2019-05-09 10-15-20\
Logbook: C:\Chem32\1\Data\05-09-19_CAL\05-09-19_CAL 2019-05-09 10-15-20\05-09-19_CAL.LOG
Sequence start: 5/9/2019 10:30:02 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\05-09-19_CAL\05-09-19_CAL 2019-05-09 10-15-20\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

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Thursday, May 09, 2019 11:20:36 AM
Signals calculated separately : No

Rel. Reference Window :	0.000 %
Abs. Reference Window :	0.100 min
Rel. Non-ref. Window :	0.000 %
Abs. Non-ref. Window :	0.100 min
Uncalibrated Peaks :	not reported
Partial Calibration :	Yes, identified peaks are recalibrated
Correct All Ret. Times:	No, only for identified peaks
Curve Type :	Linear
Origin :	Ignored
Weight :	Equal

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100cc]	Name
1	1.00000	n-propanol
2	1.00000	n-propanol

Signal Details

Signal 1: FID1 A, Front Signal
Signal 2: FID2 B, Back Signal

Overview Table

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	4.41218	1.13323e-2	No	No	1	ethanol
		2	1.00000e-1	8.93847	1.11876e-2				
		3	2.00000e-1	18.03616	1.10888e-2				
		4	3.00000e-1	26.76689	1.12079e-2				
		5	5.00000e-1	44.75016	1.11731e-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	4.58750	1.08992e-2	No	No	2	ethanol
		2	1.00000e-1	9.24911	1.08119e-2				
		3	2.00000e-1	18.85801	1.06056e-2				
		4	3.00000e-1	28.08107	1.06834e-2				
		5	5.00000e-1	47.43238	1.05413e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	46.58786	2.14648e-2	No	Yes	1	n-propanol
		2	1.00000	47.95212	2.08541e-2				
		3	1.00000	48.16090	2.07637e-2				
		4	1.00000	47.10820	2.12277e-2				
		5	1.00000	47.54111	2.10344e-2				
4.661	2	1	1.00000	6.89301	1.45075e-1	No	No	2	acetone
4.969	2	1	1.00000	10.70642	9.34019e-2	No	No	2	isopropyl alcohol
7.550	2	1	1.00000	48.71809	2.05263e-2	No	Yes	2	n-propanol
		2	1.00000	49.83683	2.00655e-2				
		3	1.00000	49.84030	2.00641e-2				
		4	1.00000	48.64799	2.05558e-2				
		5	1.00000	48.97371	2.04191e-2				

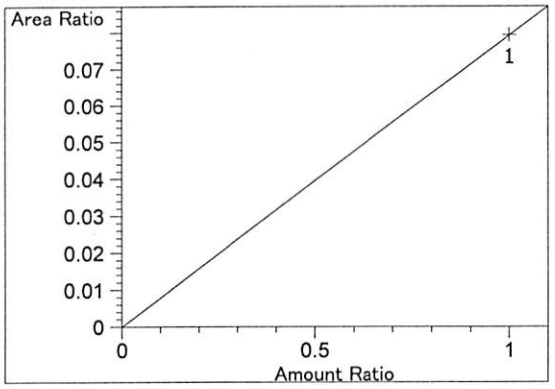
Peak Sum Table

No Entries in table

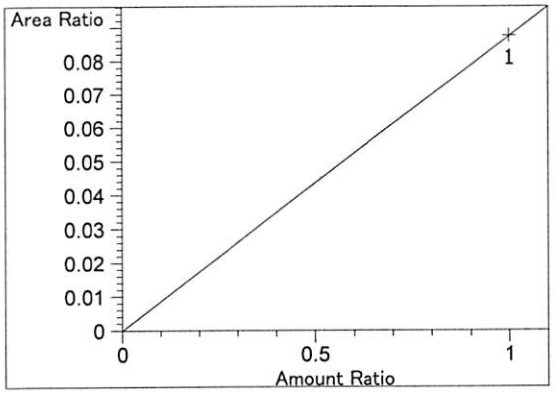
1 Warnings or Errors :

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

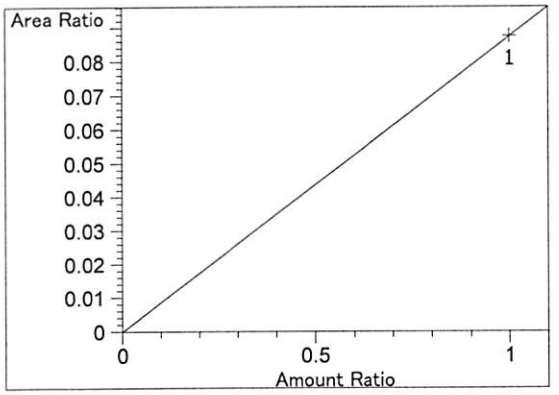
Calibration Curves



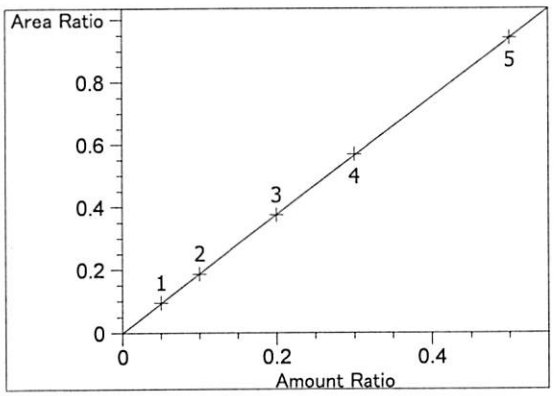
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.93489e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



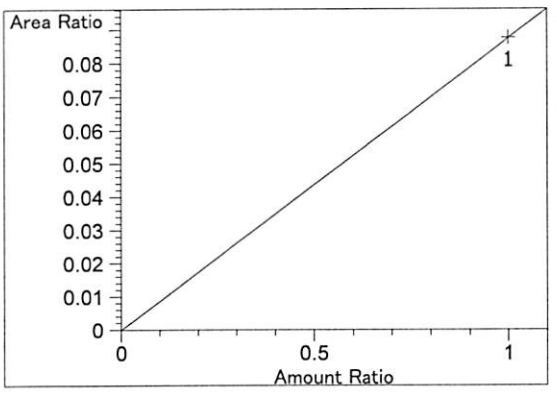
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.74624e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



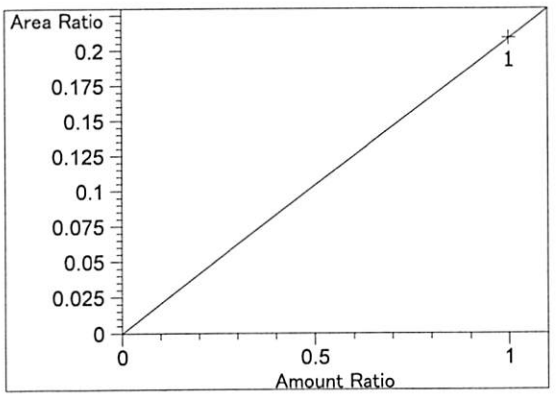
Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.74624e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



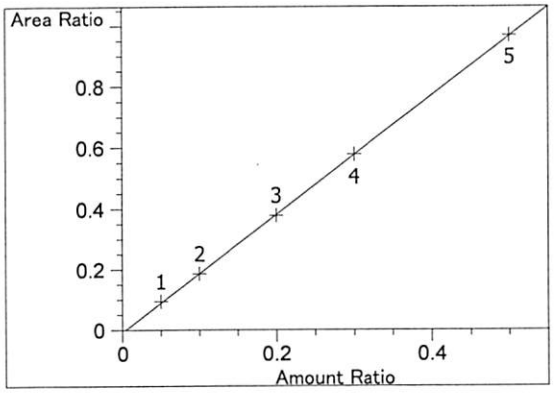
ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00245
Formula: y = mx + b
m: 1.88601
b: -7.60614e-4
x: Amount Ratio
y: Area Ratio



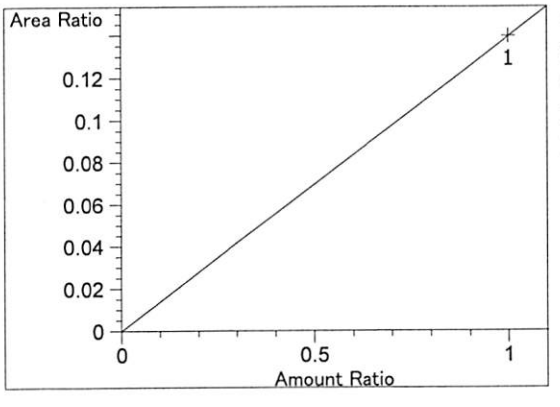
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.74547e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



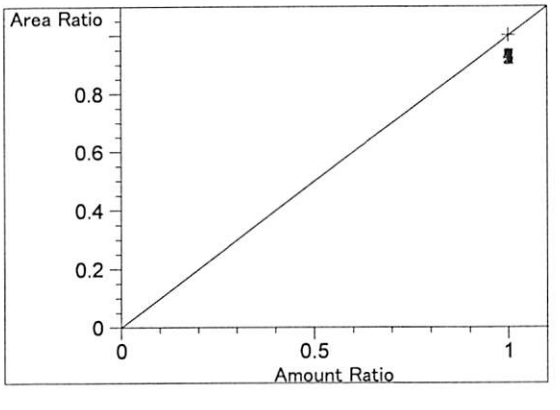
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.08865e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



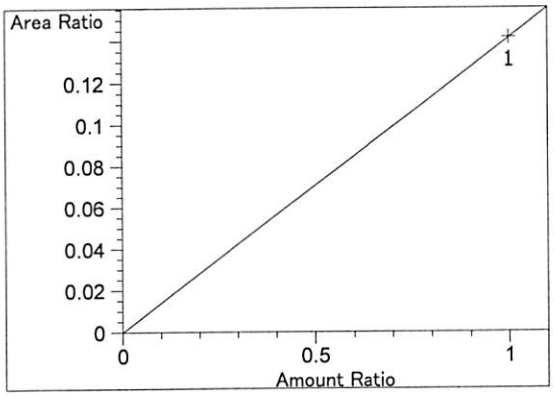
ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99996
Residual Std. Dev.: 0.00360
Formula: y = mx + b
m: 1.94907
b: -7.51137e-3
x: Amount Ratio
y: Area Ratio



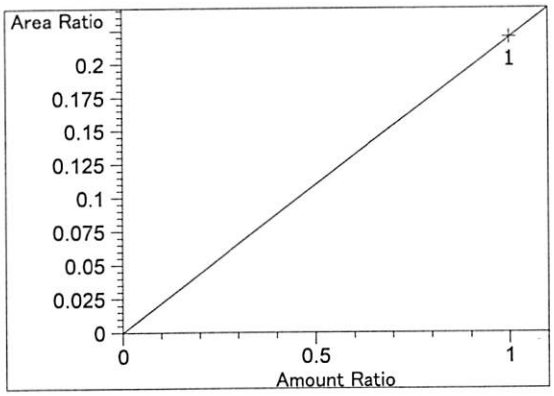
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.39508e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



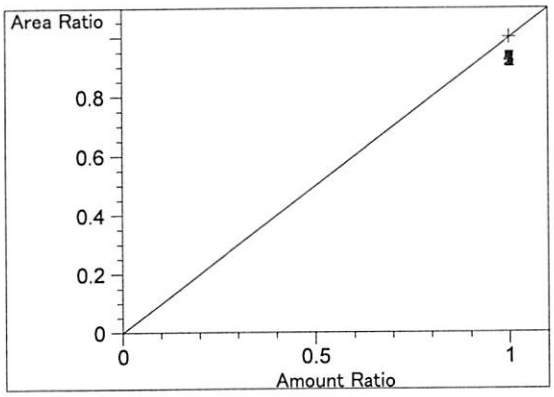
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.41488e-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: 2.19763e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

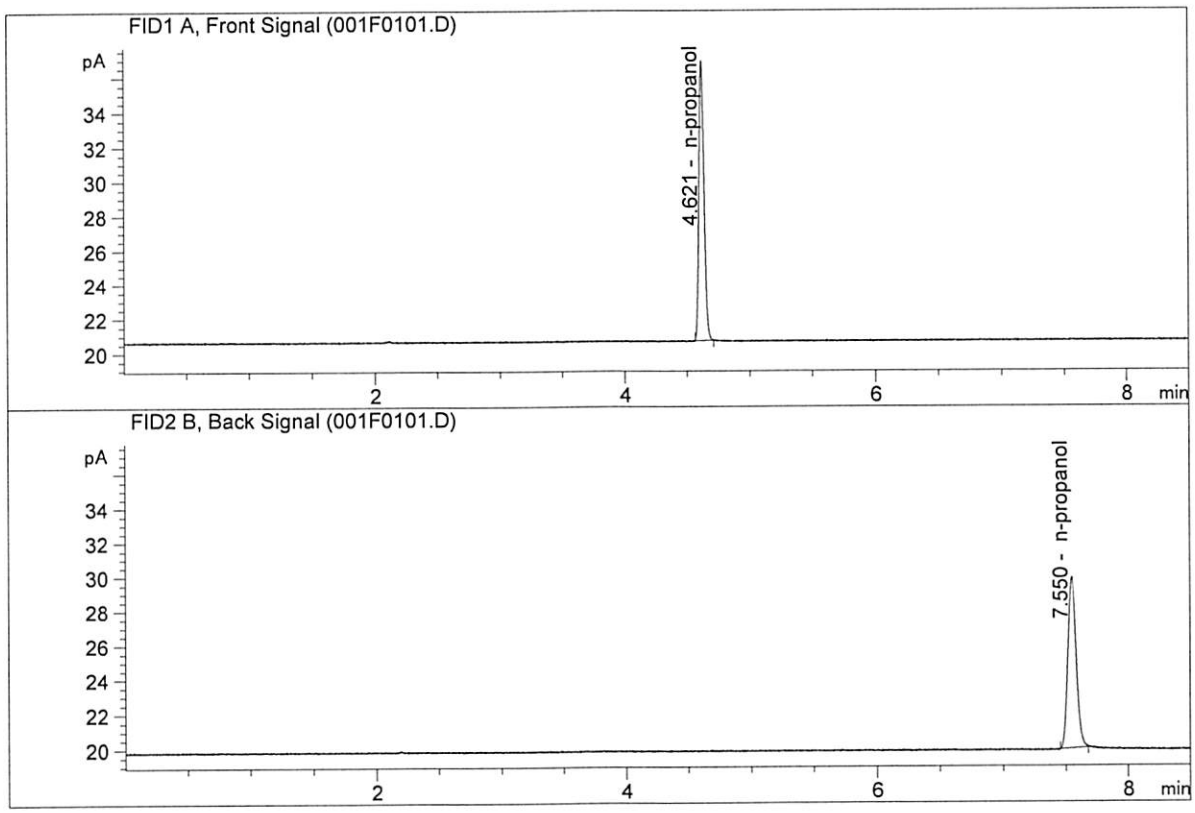


n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

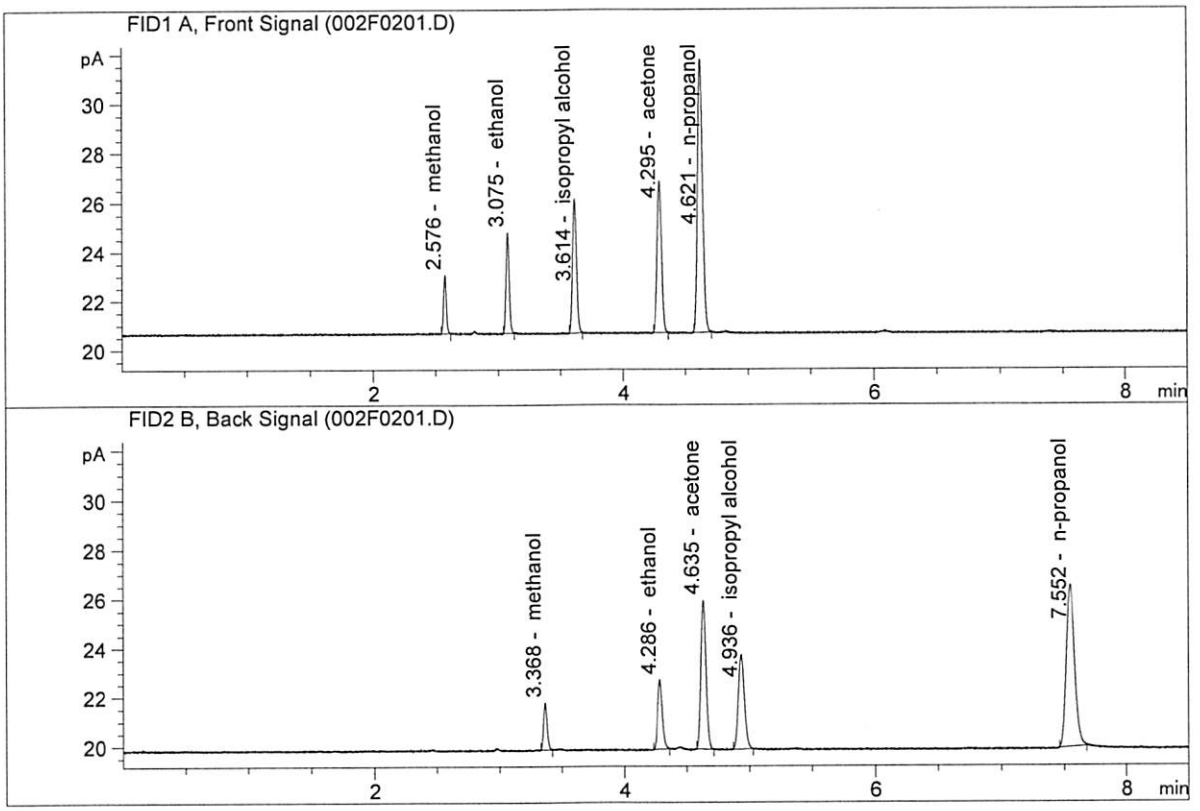


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	46.00541	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.71642	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.30870	0.1246	g/100cc
2.	Ethanol	Column 2:	7.52013	0.1258	g/100cc
3.	n-Propanol	Column 1:	31.20362	1.0000	g/100cc
4.	n-Propanol	Column 2:	31.64983	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 09 May 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0796	0.0798	0.0002	0.0797	0.0797	
(g/100cc)	0.0795	0.0800	0.0005	0.0797		

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

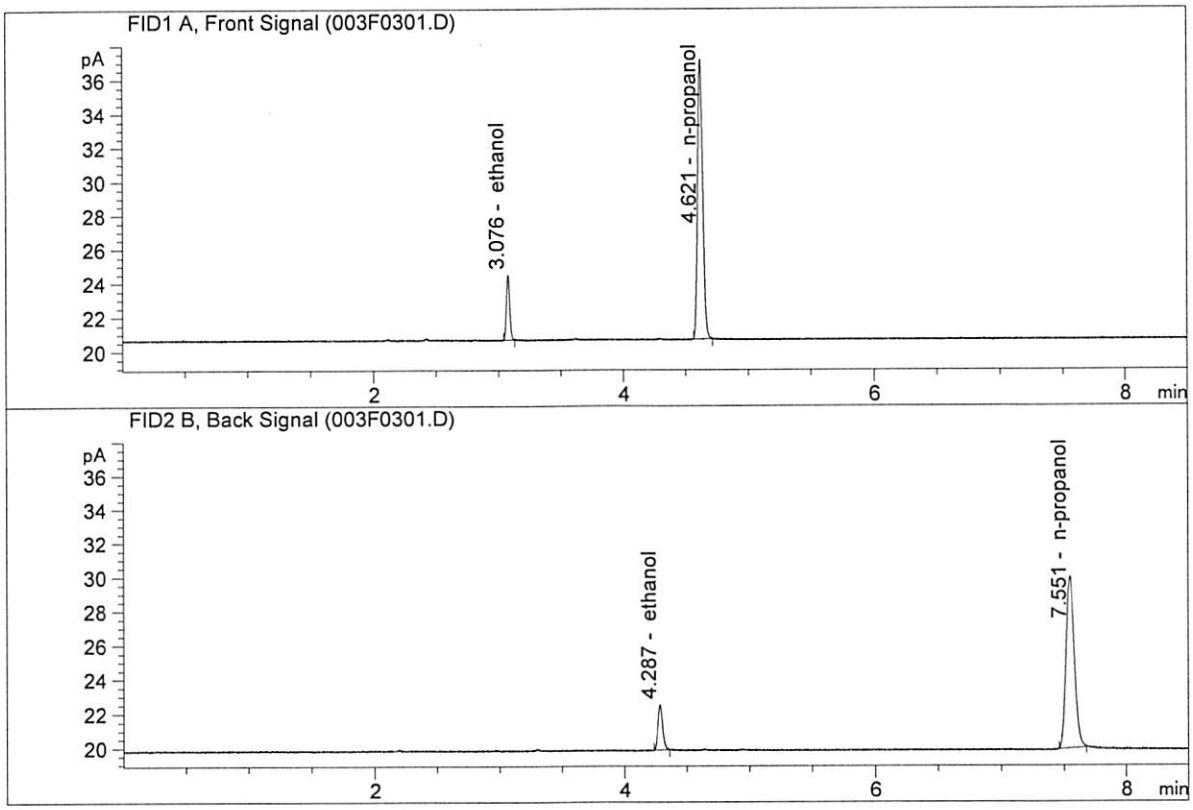
	Reported Result	
	0.079	

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

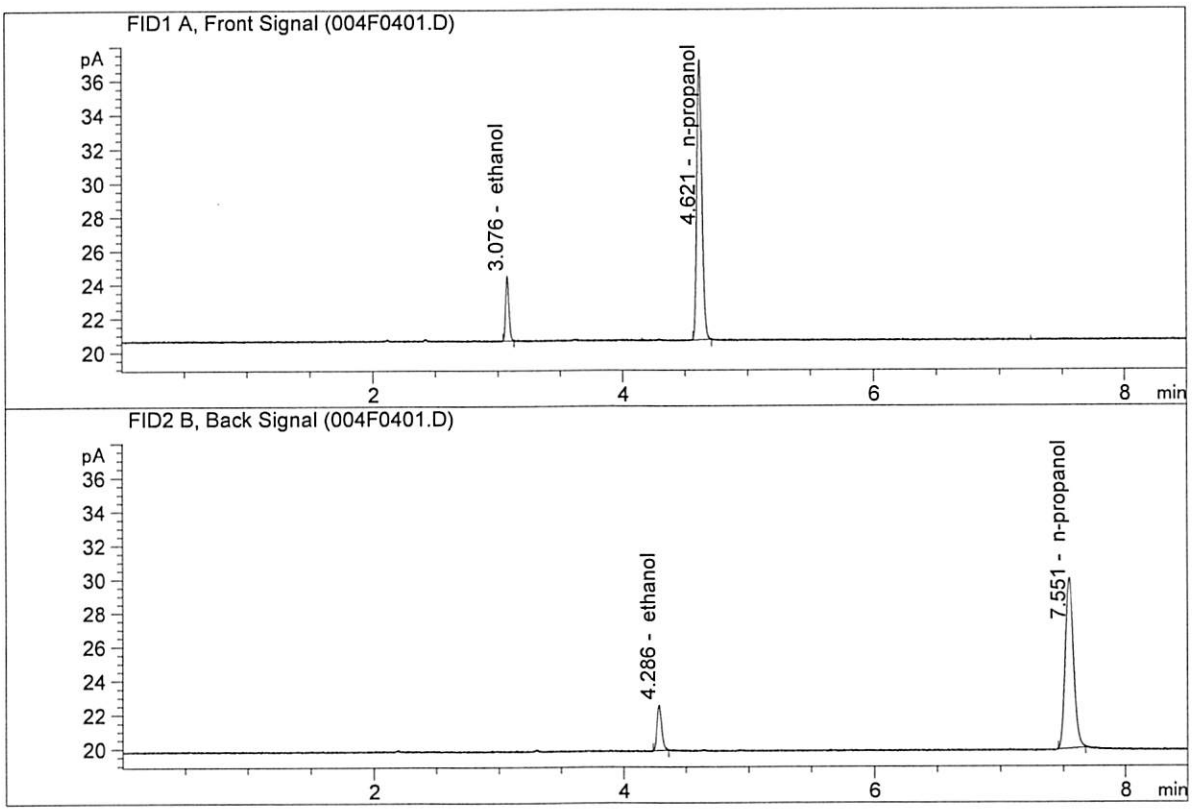


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.97288	0.0796	g/100cc
2.	Ethanol	Column 2:	7.12016	0.0798	g/100cc
3.	n-Propanol	Column 1:	46.70148	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.10769	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.98177	0.0795	g/100cc
2.	Ethanol	Column 2:	7.14043	0.0800	g/100cc
3.	n-Propanol	Column 1:	46.78430	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.13267	1.0000	g/100cc

J6

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 09 May 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0802	0.0809	0.0007	0.0805	0.0801	
(g/100cc)	0.0798	0.0797	0.0001	0.0797		

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

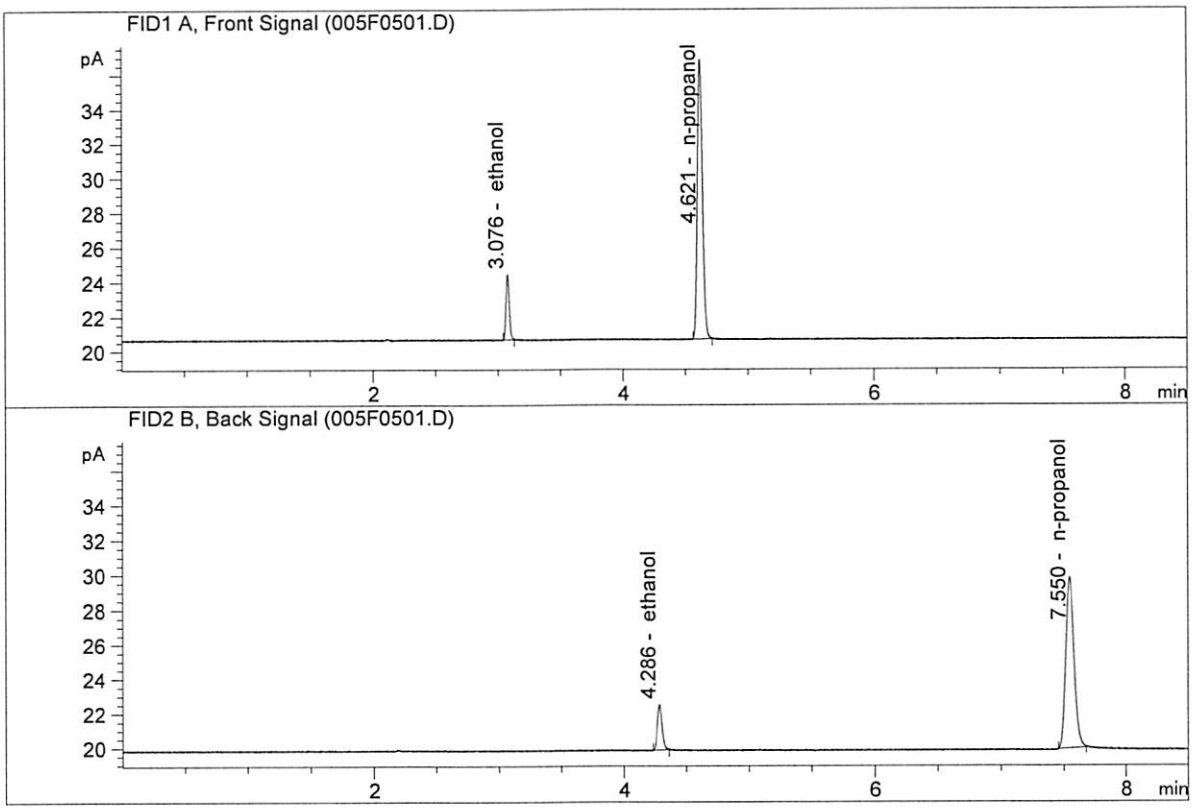
	Reported Result	
	0.080	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

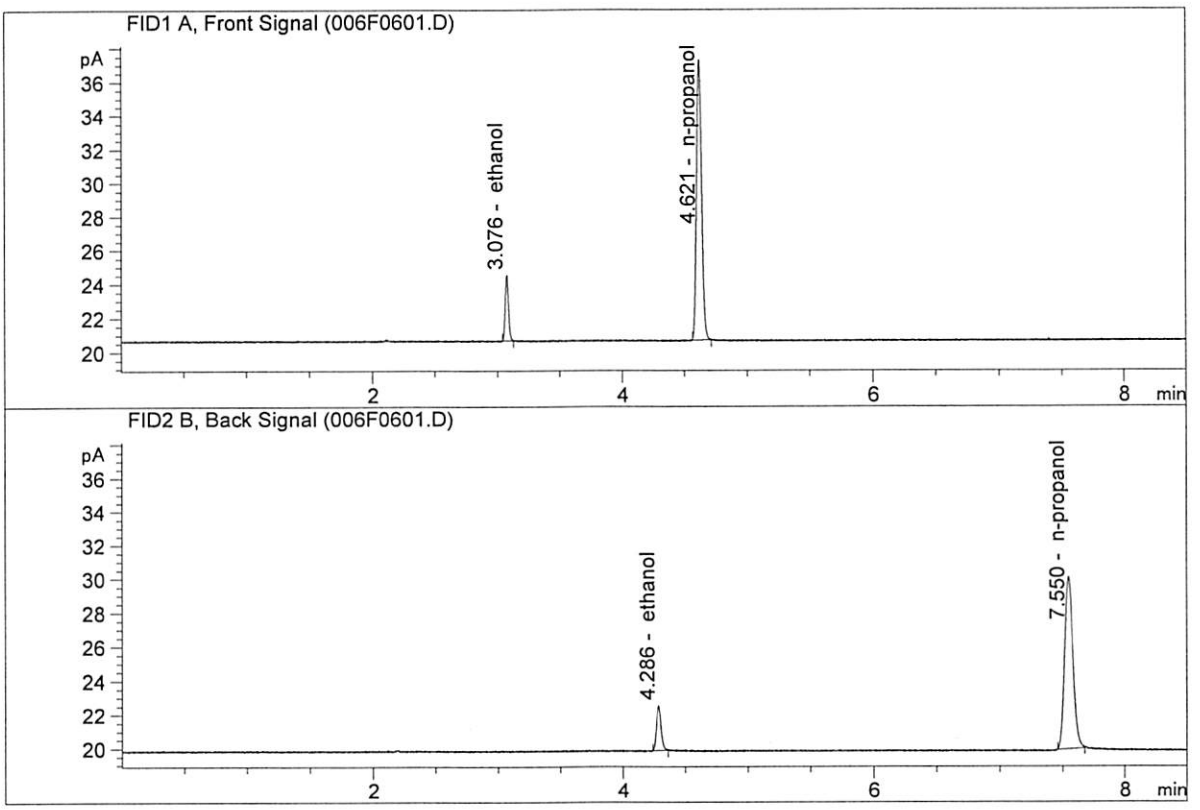


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.91564	0.0802	g/100cc
2.	Ethanol	Column 2:	7.09958	0.0809	g/100cc
3.	n-Propanol	Column 1:	45.97049	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.25941	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.05874	0.0798	g/100cc
2.	Ethanol	Column 2:	7.16610	0.0797	g/100cc
3.	n-Propanol	Column 1:	47.16793	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.48338	1.0000	g/100cc

J6

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 09 May 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2059	0.2058	0.0001	0.2058	0.2062	
(g/100cc)	0.2068	0.2064	0.0004	0.2066		

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
0.206	0.195	0.217	0.011

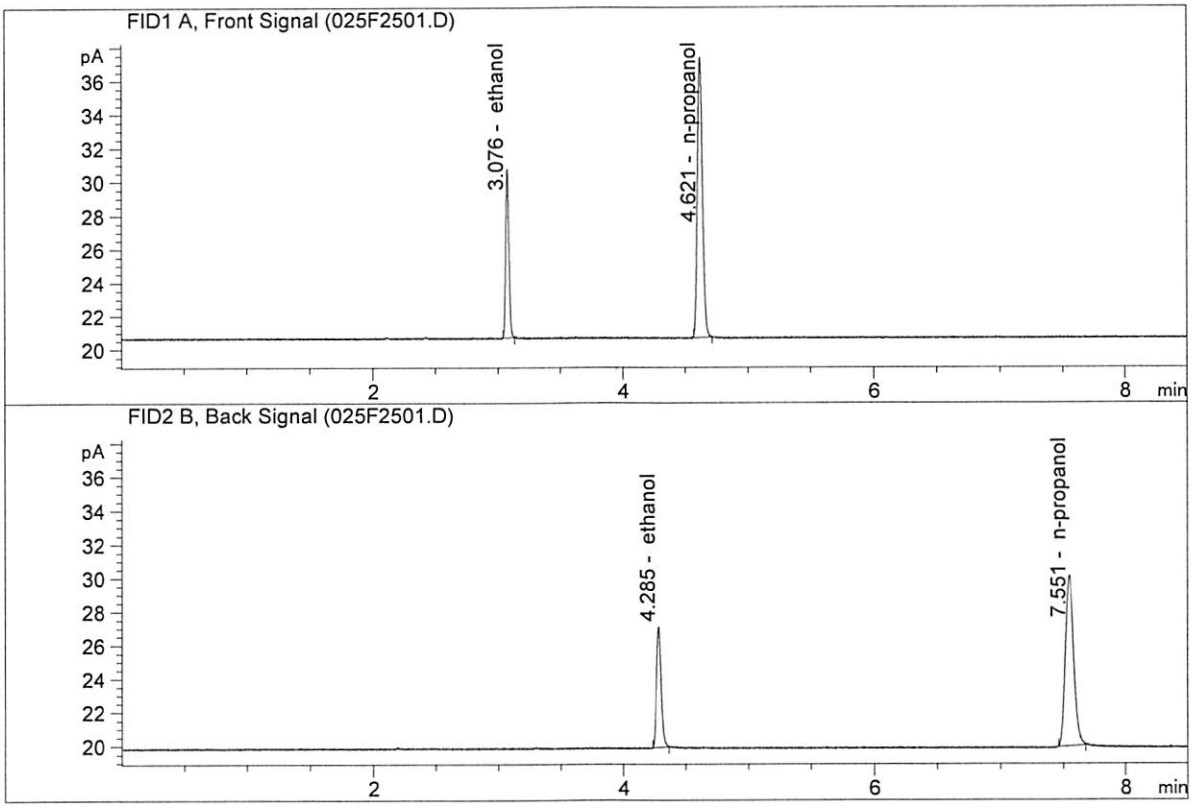
Reported Result
0.206

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

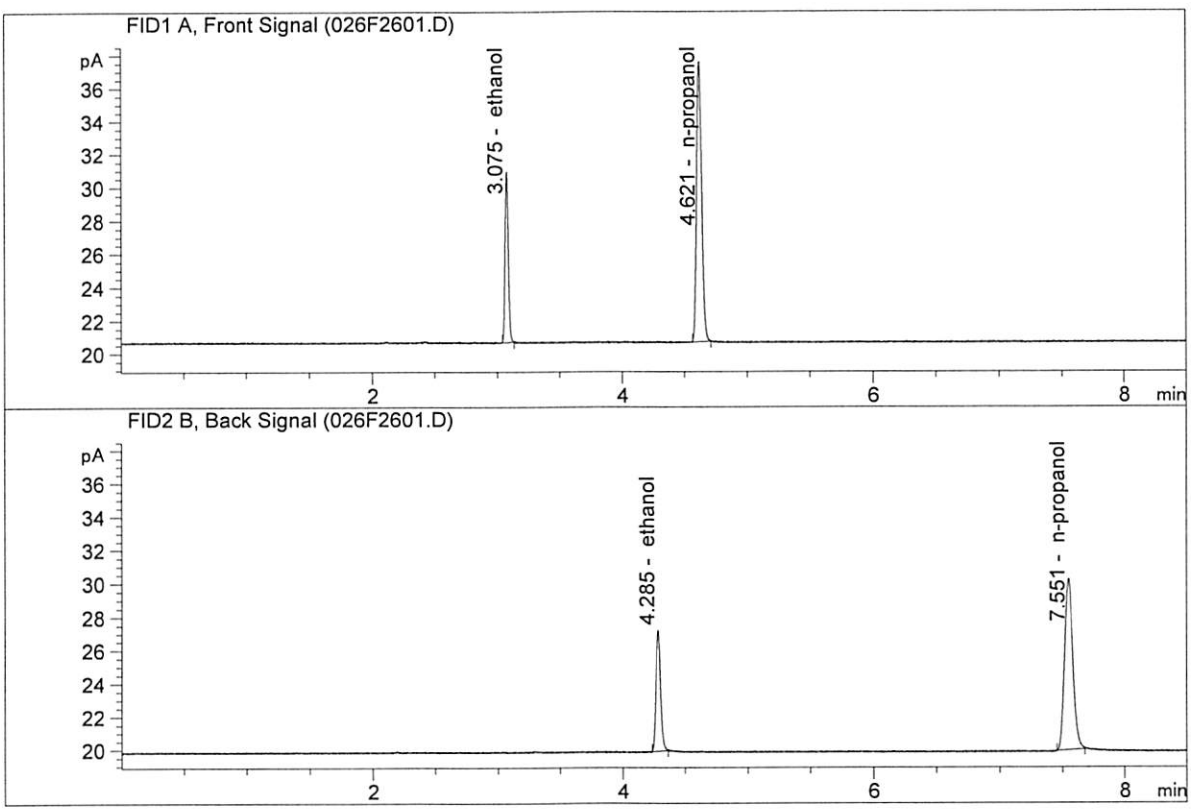
Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.34422	0.2059	g/100cc
2.	Ethanol	Column 2:	19.10004	0.2058	g/100cc
3.	n-Propanol	Column 1:	47.33408	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.52168	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.67756	0.2068	g/100cc
2.	Ethanol	Column 2:	19.41082	0.2064	g/100cc
3.	n-Propanol	Column 1:	47.97246	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.16405	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 09 May 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0841	0.0849	0.0008	0.0845	0.0840	
(g/100cc)	0.0835	0.0837	0.0002	0.0836		

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
0.084	**0.079**	**0.089**	**0.005**

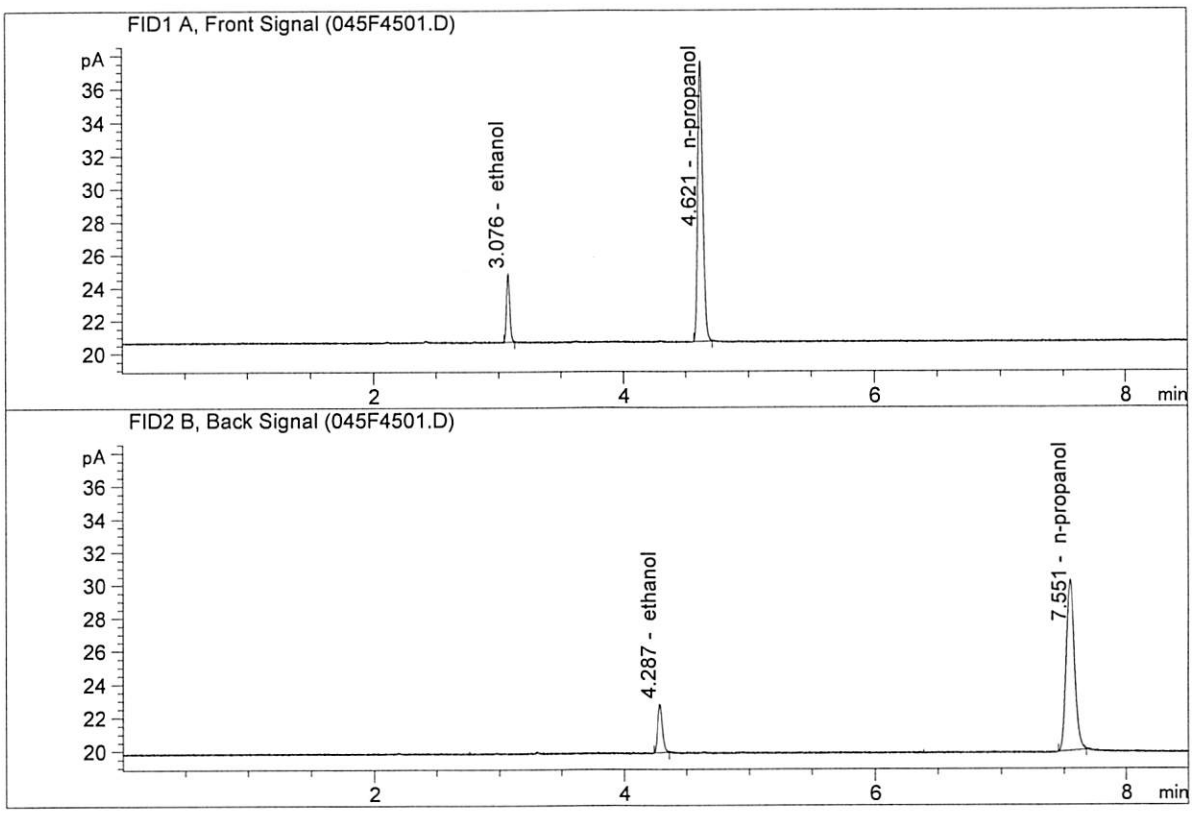
	Reported Result	
	0.084	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

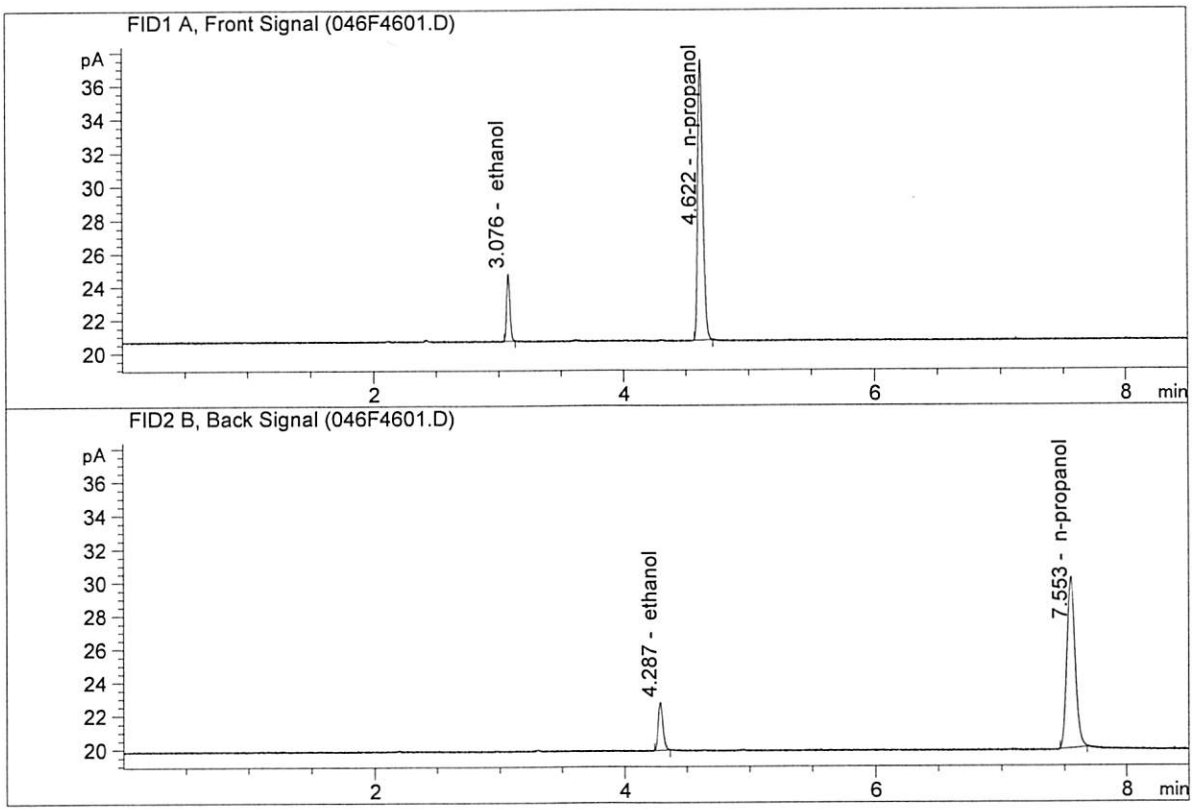


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.57123	0.0841	g/100cc
2.	Ethanol	Column 2:	7.73718	0.0849	g/100cc
3.	n-Propanol	Column 1:	47.94790	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.00516	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

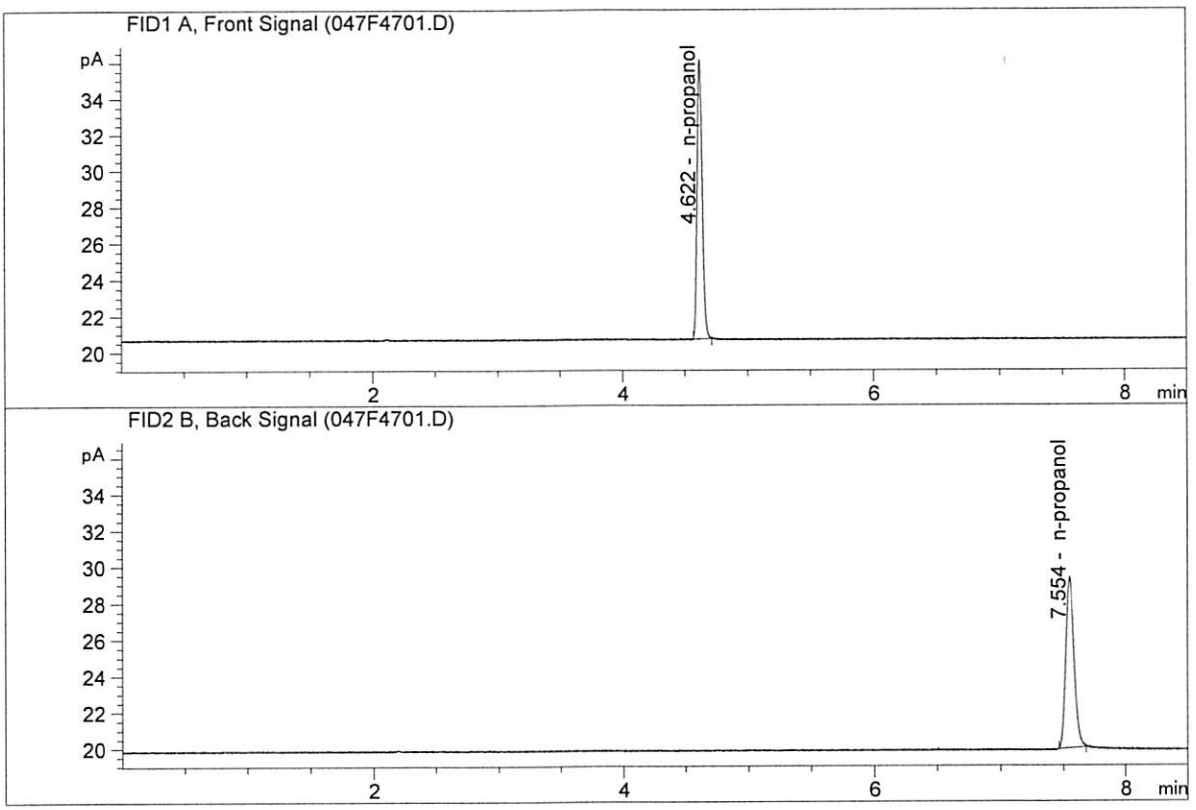
Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.47642	0.0835	g/100cc
2.	Ethanol	Column 2:	7.59996	0.0837	g/100cc
3.	n-Propanol	Column 1:	47.67925	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.81743	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

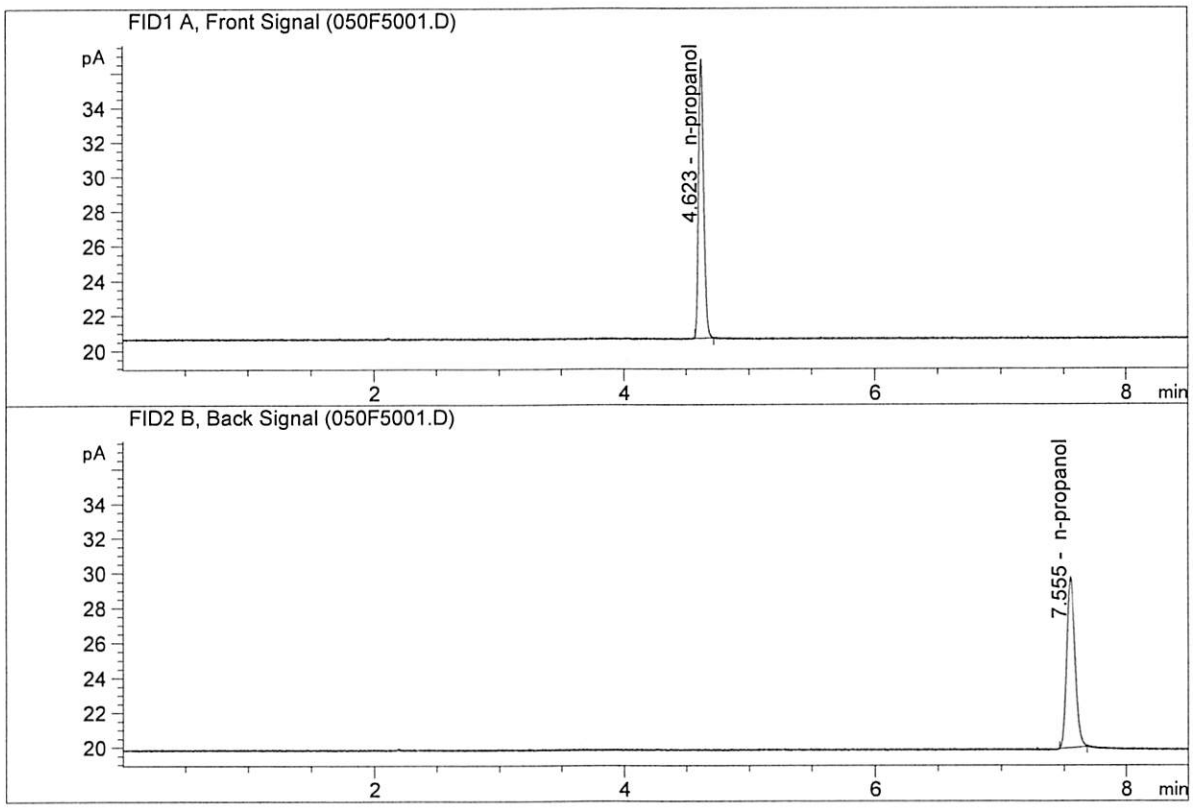


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	43.83410	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.74430	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

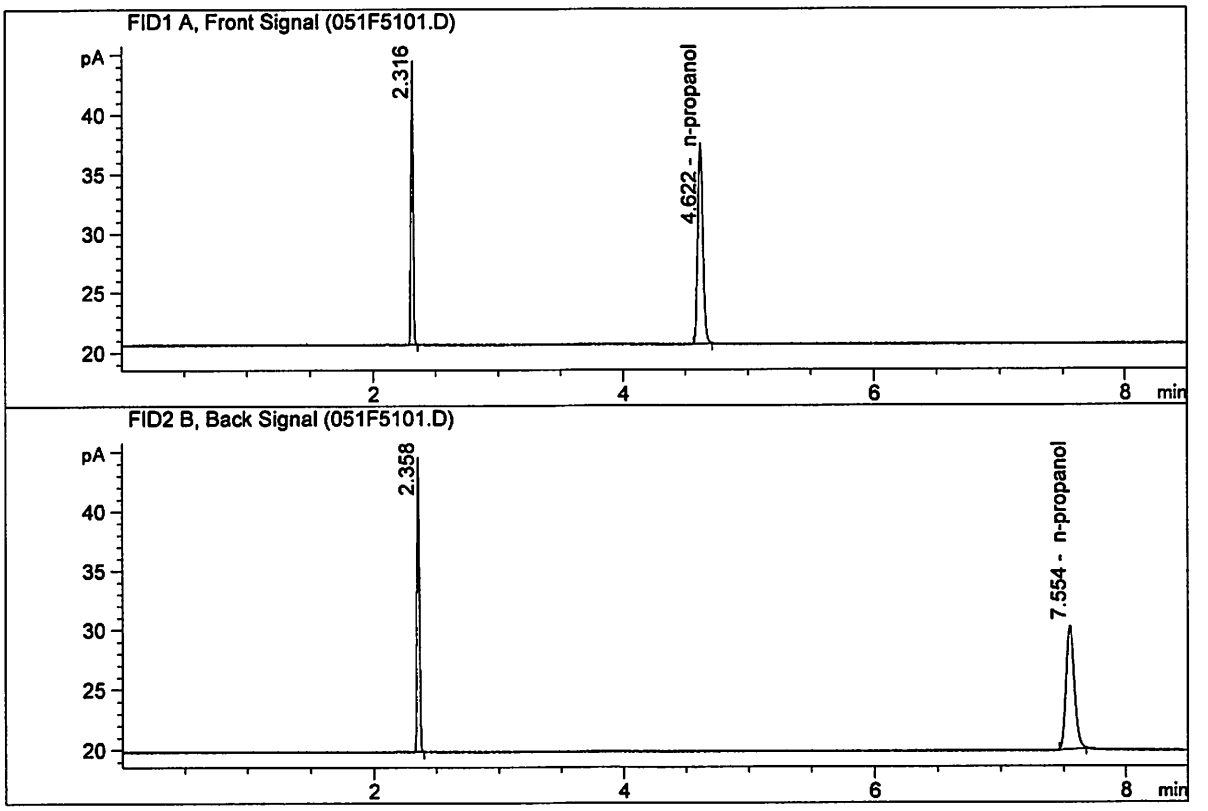


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	45.64107	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.59748	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : DFE 111914OM
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

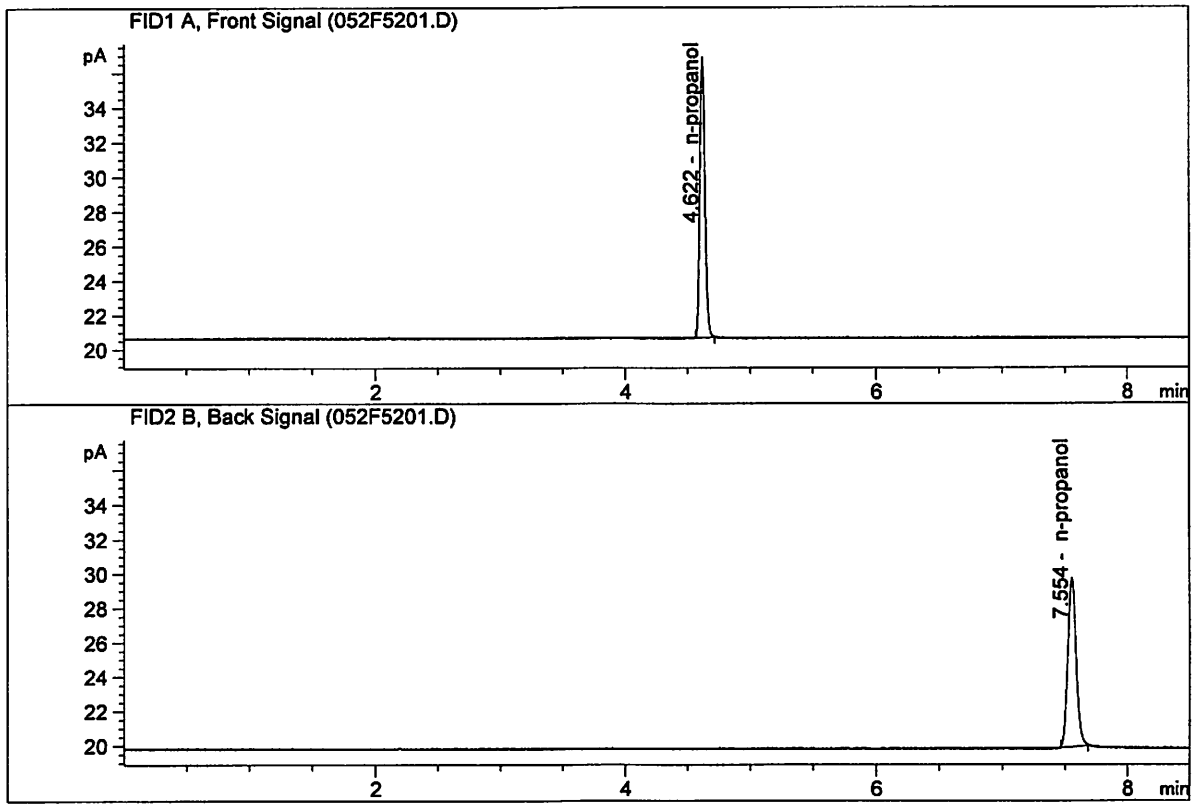


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	47.81967	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.93890	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

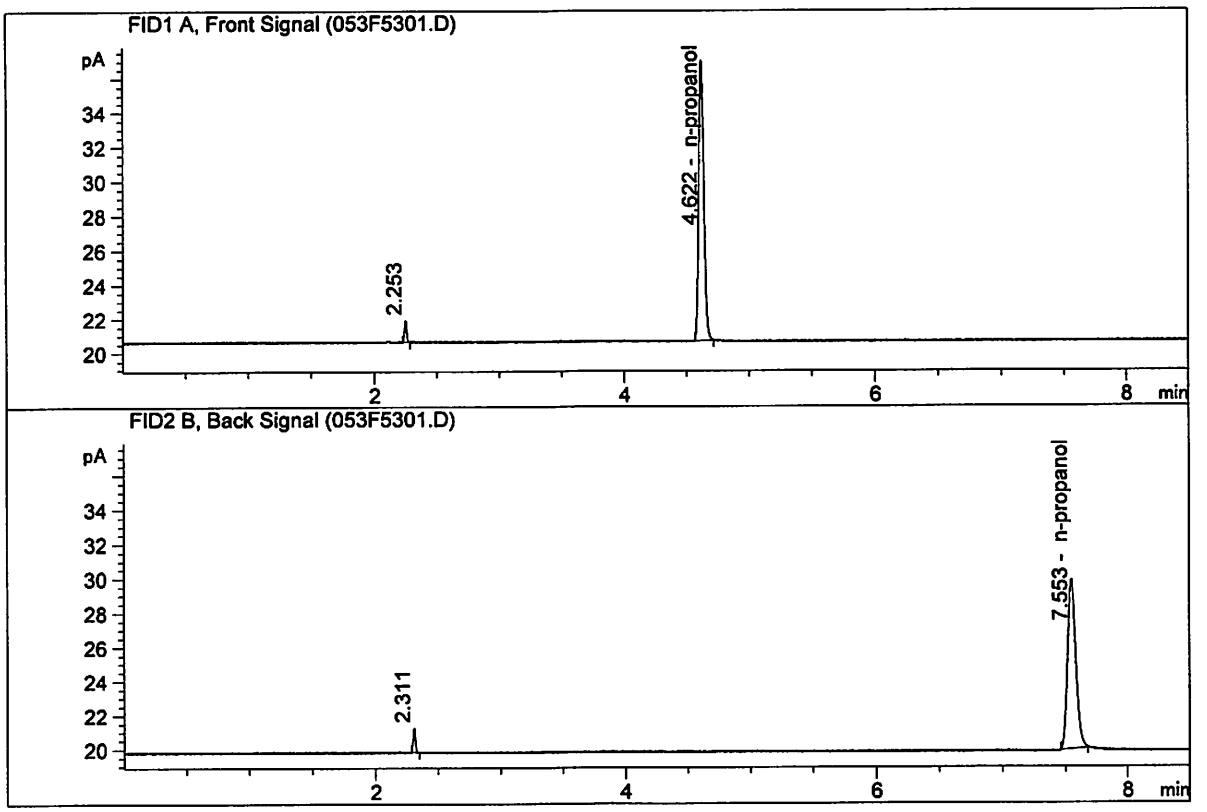


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	45.98164	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.96852	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : TFE 111914
Laboratory : Meridian
Injection Date : May 9, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

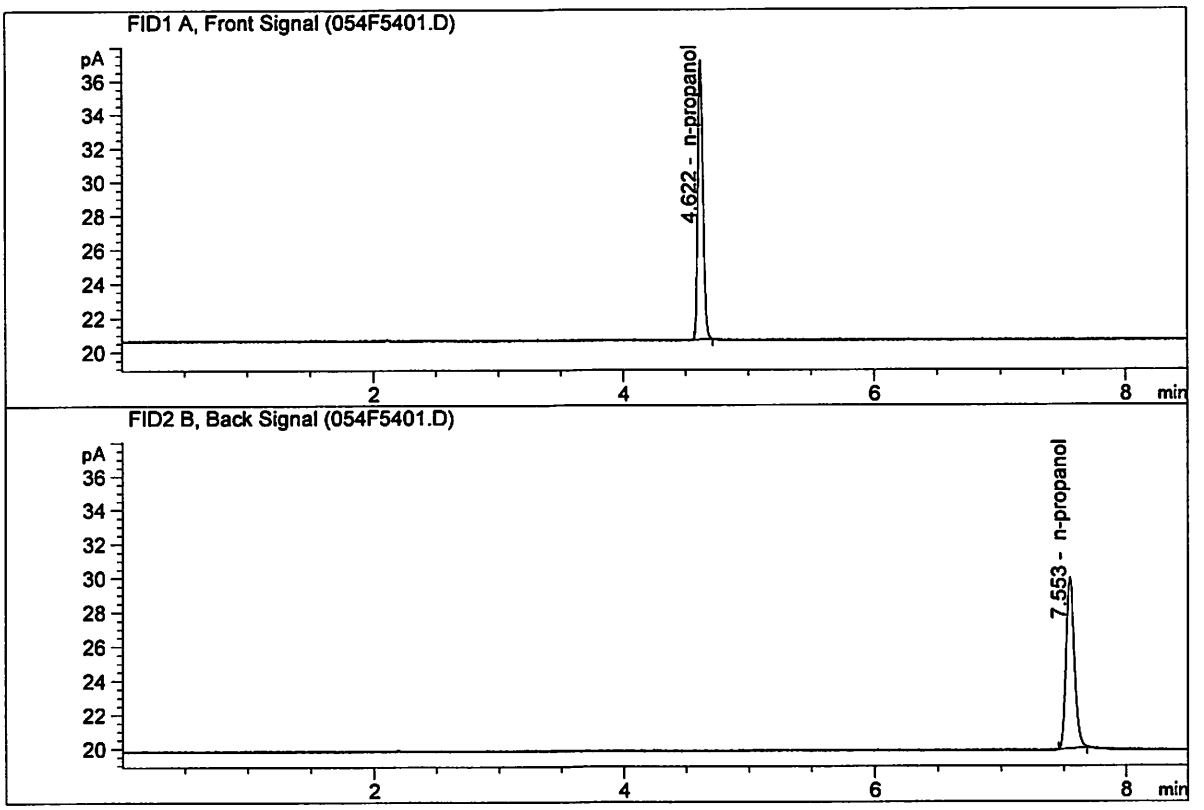


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	46.35513	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.27934	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : May 9, 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:	46.79105	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.89369	1.0000	g/100cc

Sequence File C:\Chem32\...9_SAMPLES\05-09-19_SAMPLES 2019-05-09 11-54-02\05-09-19_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\05-09-19_SAMPLES\05-09-19_SAMPLES 2019-05-09 11-54-02\05 09-19_SAMPLES.S
Data directory path: C:\Chem32\1\Data\05-09-19_SAMPLES\05-09-19_SAMPLES 2019-05-09 11-54-02\
Logbook: C:\Chem32\1\Data\05-09-19_SAMPLES\05-09-19_SAMPLES 2019-05-09 11-54-02\05 09-19_SAMPLES.LOG
Sequence start: 5/9/2019 12:08:49 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\05-09-19_SAMPLES\05-09-19_SAMPLES 2019-05-09 11-54-02 \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	M2019-2047-1-A	-	1.0000	007F0701.D		4
8	8	1	M2019-2047-1-B	-	1.0000	008F0801.D		4
9	9	1	M2019-2060-1-A	-	1.0000	009F0901.D		4
10	10	1	M2019-2060-1-B	-	1.0000	010F1001.D		4
11	11	1	M2019-2062-1-A	-	1.0000	011F1101.D		4
12	12	1	M2019-2062-1-B	-	1.0000	012F1201.D		4
13	13	1	M2019-2063-1-A	-	1.0000	013F1301.D		4
14	14	1	M2019-2063-1-B	-	1.0000	014F1401.D		4
15	15	1	M2019-2064-1-A	-	1.0000	015F1501.D		4
16	16	1	M2019-2064-1-B	-	1.0000	016F1601.D		4
17	17	1	M2019-2091-1-A	-	1.0000	017F1701.D		4
18	18	1	M2019-2091-1-B	-	1.0000	018F1801.D		4
19	19	1	M2019-2092-1-A	-	1.0000	019F1901.D		2
20	20	1	M2019-2092-1-B	-	1.0000	020F2001.D		2
21	21	1	M2019-2093-1-A	-	1.0000	021F2101.D		4
22	22	1	M2019-2093-1-B	-	1.0000	022F2201.D		4
23	23	1	M2019-2094-1-A	-	1.0000	023F2301.D		4
24	24	1	M2019-2094-1-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	M2019-2115-1-A	-	1.0000	027F2701.D		4
28	28	1	M2019-2115-1-B	-	1.0000	028F2801.D		4
29	29	1	M2019-2116-1-A	-	1.0000	029F2901.D		4
30	30	1	M2019-2116-1-B	-	1.0000	030F3001.D		4
31	31	1	M2019-2129-1-A	-	1.0000	031F3101.D		4
32	32	1	M2019-2129-1-B	-	1.0000	032F3201.D		4
33	33	1	M2019-2131-1-A	-	1.0000	033F3301.D		4
34	34	1	M2019-2131-1-B	-	1.0000	034F3401.D		4
35	35	1	M2019-2139-2-A	-	1.0000	035F3501.D		2
36	36	1	M2019-2139-2-B	-	1.0000	036F3601.D		2
37	37	1	M2019-2140-1-A	-	1.0000	037F3701.D		4
38	38	1	M2019-2140-1-B	-	1.0000	038F3801.D		4
39	39	1	M2019-2141-1-A	-	1.0000	039F3901.D		4
40	40	1	M2019-2141-1-B	-	1.0000	040F4001.D		4
41	41	1	M2019-2142-4-A	-	1.0000	041F4101.D		2
42	42	1	M2019-2142-4-B	-	1.0000	042F4201.D		2
43	43	1	M2019-2144-1-A	-	1.0000	043F4301.D		4

Sequence File C:\Chem32\...9_SAMPLES\05-09-19_SAMPLES 2019-05-09 11-54-02\05-09-19_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2019-2144-1-B	-	1.0000	044F4401.D	4
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
48	48	1	M2019-1905-1-A	-	1.0000	048F4801.D	2
49	49	1	M2019-1905-1-B	-	1.0000	049F4901.D	2
50	50	1	INTERNAL STD BLK	-	1.0000	050F5001.D	2
51	51	1	DFE 111914OM	-	1.0000	051F5101.D	2
52	52	1	INTERNAL STD BLK	-	1.0000	052F5201.D	2
53	53	1	TFE 111914	-	1.0000	053F5301.D	2
54	54	1	INTERNAL STD BLK	-	1.0000	054F5401.D	2

Method file name: C:\Chem32\1\Data\05-09-19_SAMPLES\05-09-19_SAMPLES 2019-05-09 11-54-02\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
55	55	1	EMPTY	-	1.0000	055F5501.D	0

JU