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):12/20/19-12/21/19**

Calibration Date: 12/12/19

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0771 g/100cc
					0.0779 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1999 g/100cc
					0.1976 g/100cc
					g/100cc

Multi-Component mixture:	**Sep-20**	**Lot #**	FN06041502		ok
Curve Fit:		**Column 1**	0.99997	**Column2**	0.99990

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0514	0.0530	0.0016	0.0522
100	0.100	0.090 - 0.110	0.1001	0.0997	0.0004	0.0999
200	0.200	0.180 - 0.220	0.1985	0.1969	0.0016	0.1977
300	0.300	0.270 - 0.330	0.2990	0.2985	0.0005	0.2987
500	0.500	0.450 - 0.550	0.5011	0.5019	0.0008	0.5015

Aqueous Controls

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

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

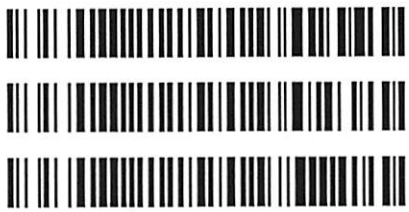
12/27/2019

Worklist: 3911

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2019-5518	1	BCK	Alcohol Analysis
M2019-5532	1	BCK	Alcohol Analysis
M2019-5541	1	BCK	Alcohol Analysis
M2019-5564	1	BCK	Alcohol Analysis
M2019-5565	1	BCK	Alcohol Analysis
M2019-5584	1	BCK	Alcohol Analysis
M2019-5591	1	BCK	Alcohol Analysis
M2019-5598	1	BCK	Alcohol Analysis
M2019-5599	1	BCK	Alcohol Analysis
M2019-5601	1	BCK	Alcohol Analysis
M2019-5652	1	BCK	Alcohol Analysis
P2019-3733	1	BCK	Alcohol Analysis
P2019-3736	1	BCK	Alcohol Analysis
P2019-3744	1	BCK	Alcohol Analysis
P2019-3745	1	BCK	Alcohol Analysis
P2019-3746	1	BCK	Alcohol Analysis
P2019-3764	1	BCK	Alcohol Analysis
P2019-3767	1	BCK	Alcohol Analysis
P2019-3768	1	BCK	Alcohol Analysis
P2019-3770	1	BCK	Alcohol Analysis
P2019-3793	1	BCK	Alcohol Analysis

Worklist: 3911

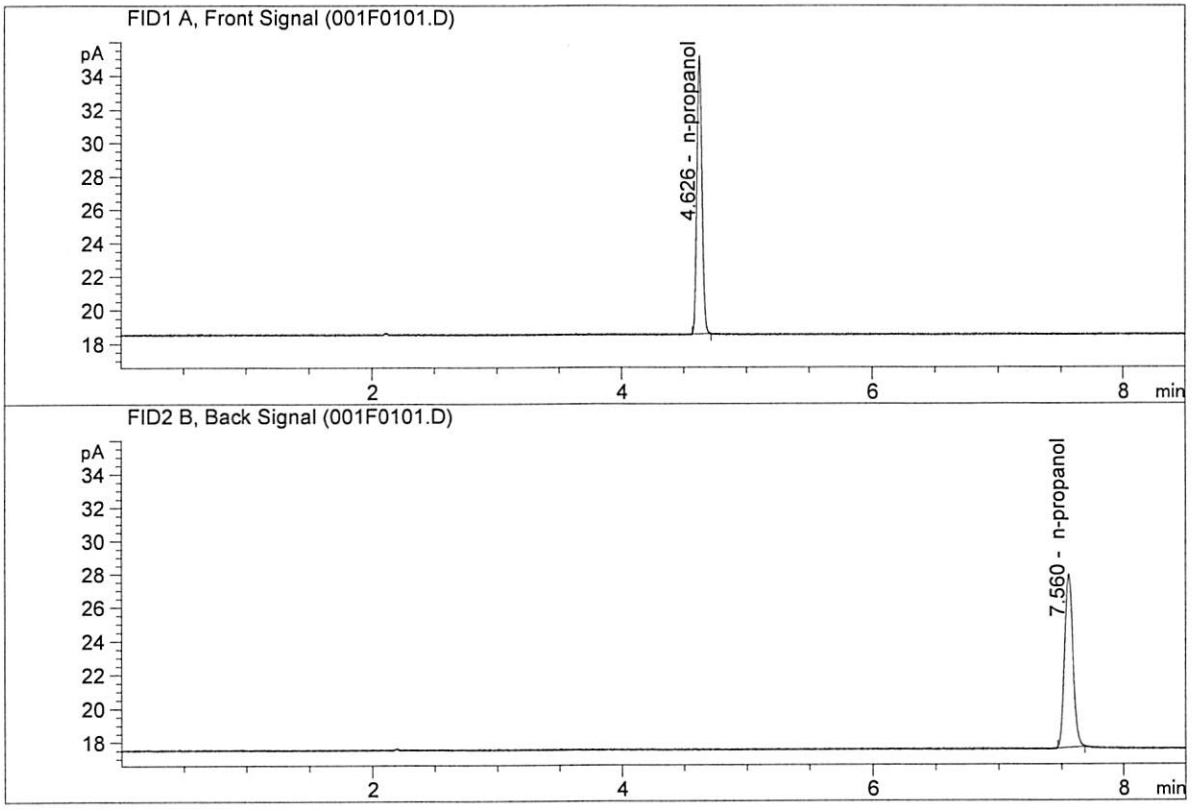
LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2019-3805	1	BCK	Alcohol Analysis
P2019-3806	1	BCK	Alcohol Analysis
P2019-3818	1	BCK	Alcohol Analysis



JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Dec 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:	47.01631	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.16265	1.0000	g/100cc

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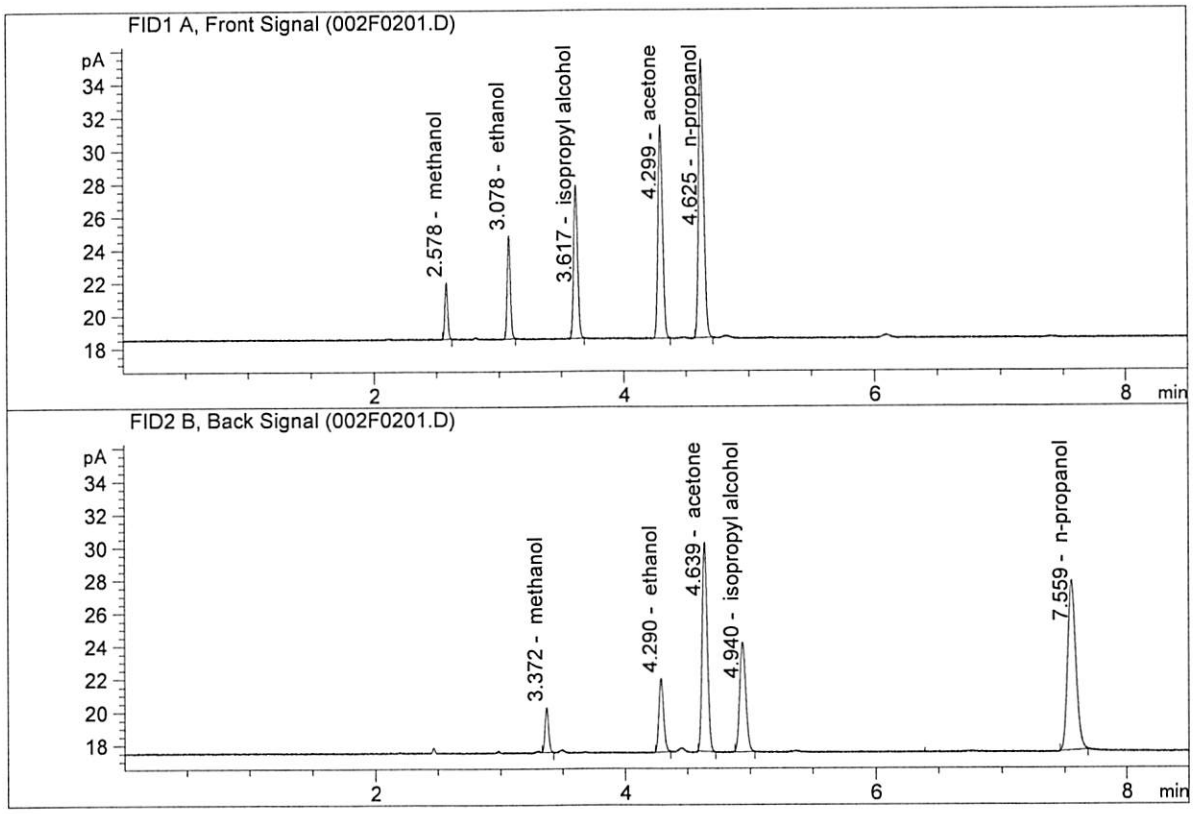
ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	11.18375	0.1220	g/100cc
2.	Ethanol	Column 2:	11.63736	0.1219	g/100cc
3.	n-Propanol	Column 1:	47.23772	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.98884	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 20 Dec 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0768	0.0770	0.0002	0.0769	0.0771	
(g/100cc)	0.0771	0.0778	0.0007	0.0774		

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
0.077	0.073	0.081	0.004

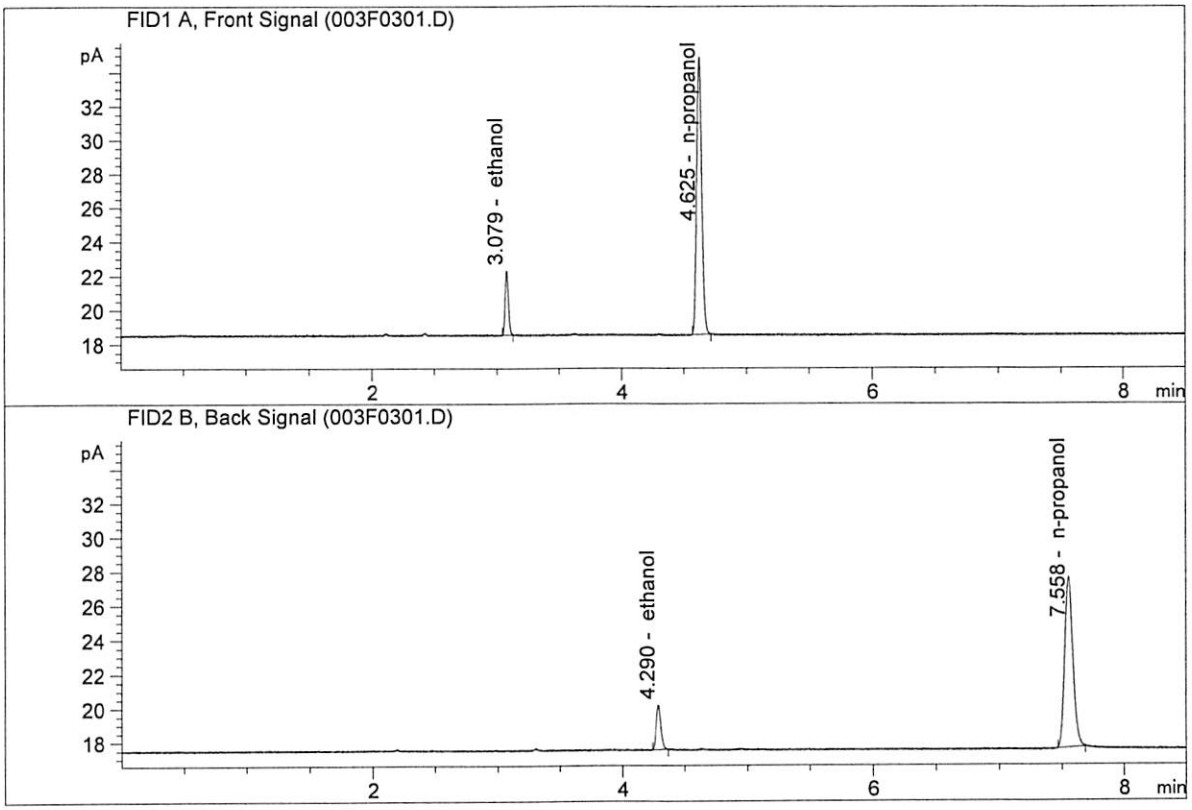
	Reported Result	
	0.077	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

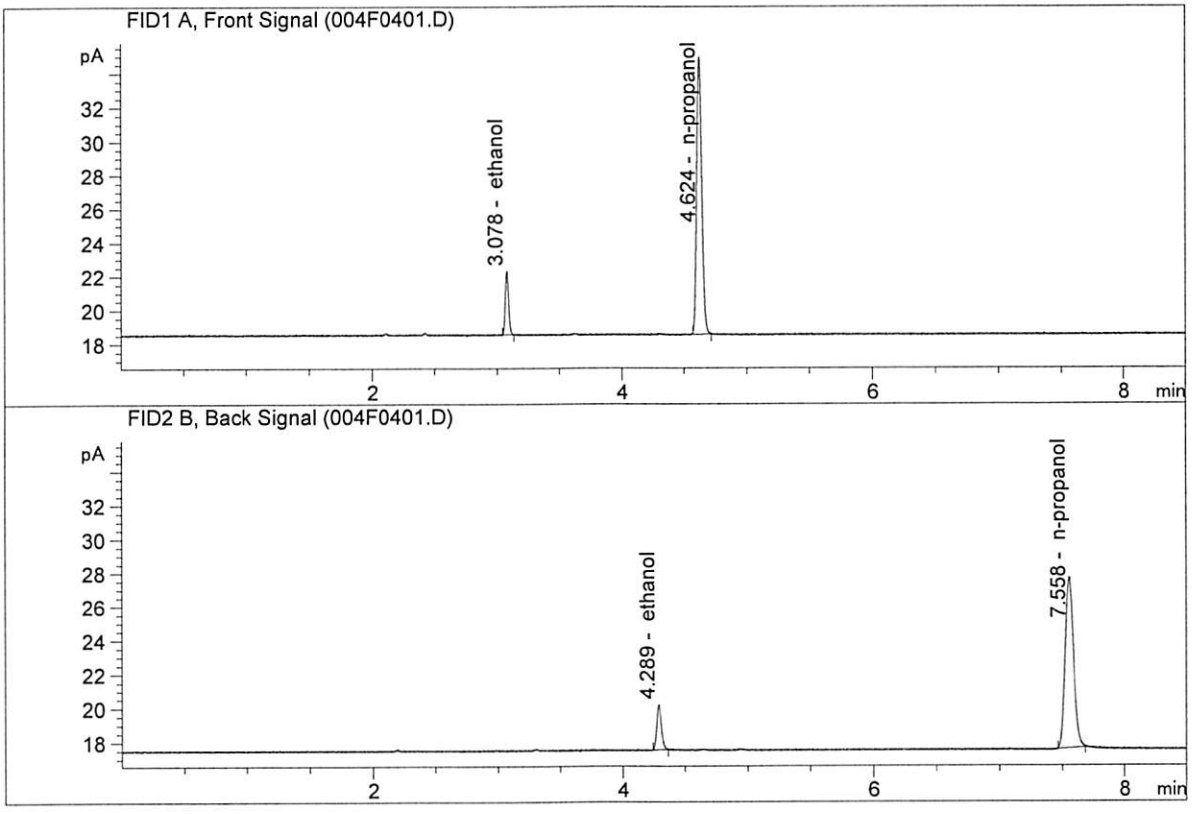
Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Dec 20, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.87079	0.0768	g/100cc
2.	Ethanol	Column 2:	7.01121	0.0770	g/100cc
3.	n-Propanol	Column 1:	46.45766	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.98222	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.91173	0.0771	g/100cc
2.	Ethanol	Column 2:	7.07852	0.0778	g/100cc
3.	n-Propanol	Column 1:	46.56483	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.92997	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 20 Dec 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0805	0.0811	0.0006	0.0808	0.0808	
(g/100cc)	0.0808	0.0809	0.0001	0.0808		

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

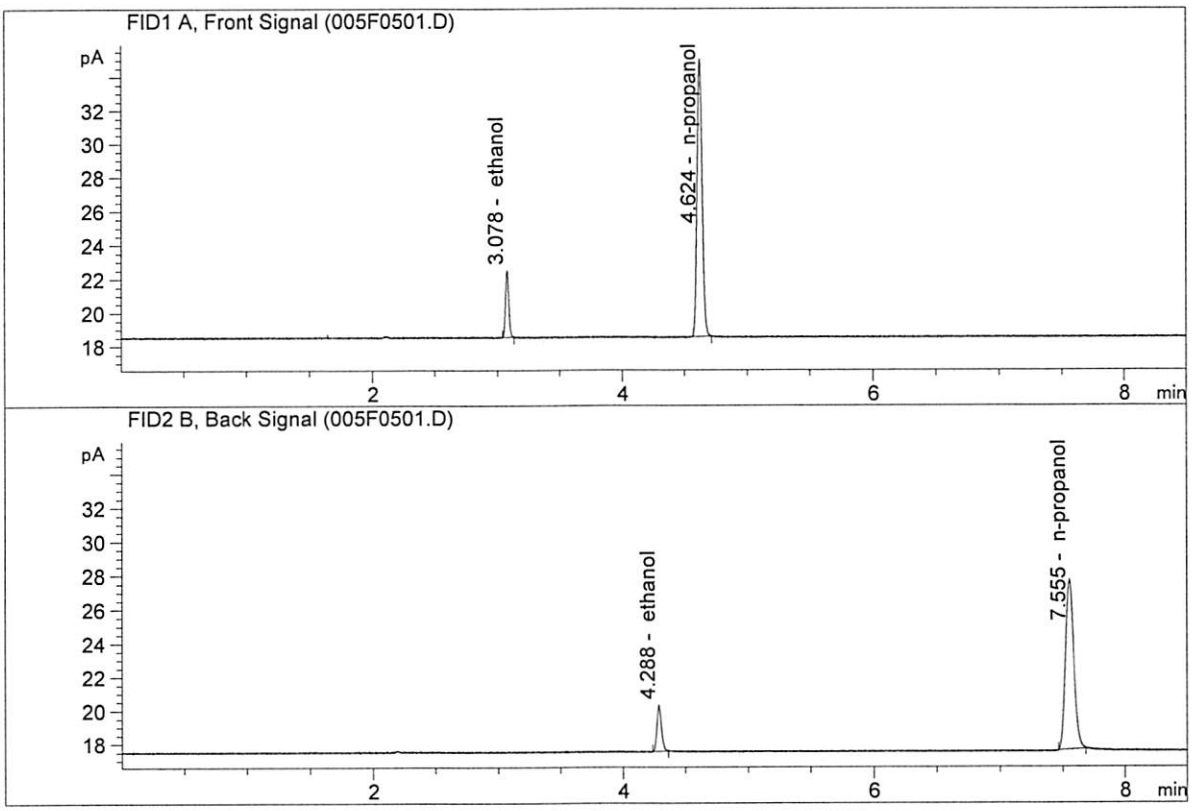
Reported Result
0.080

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

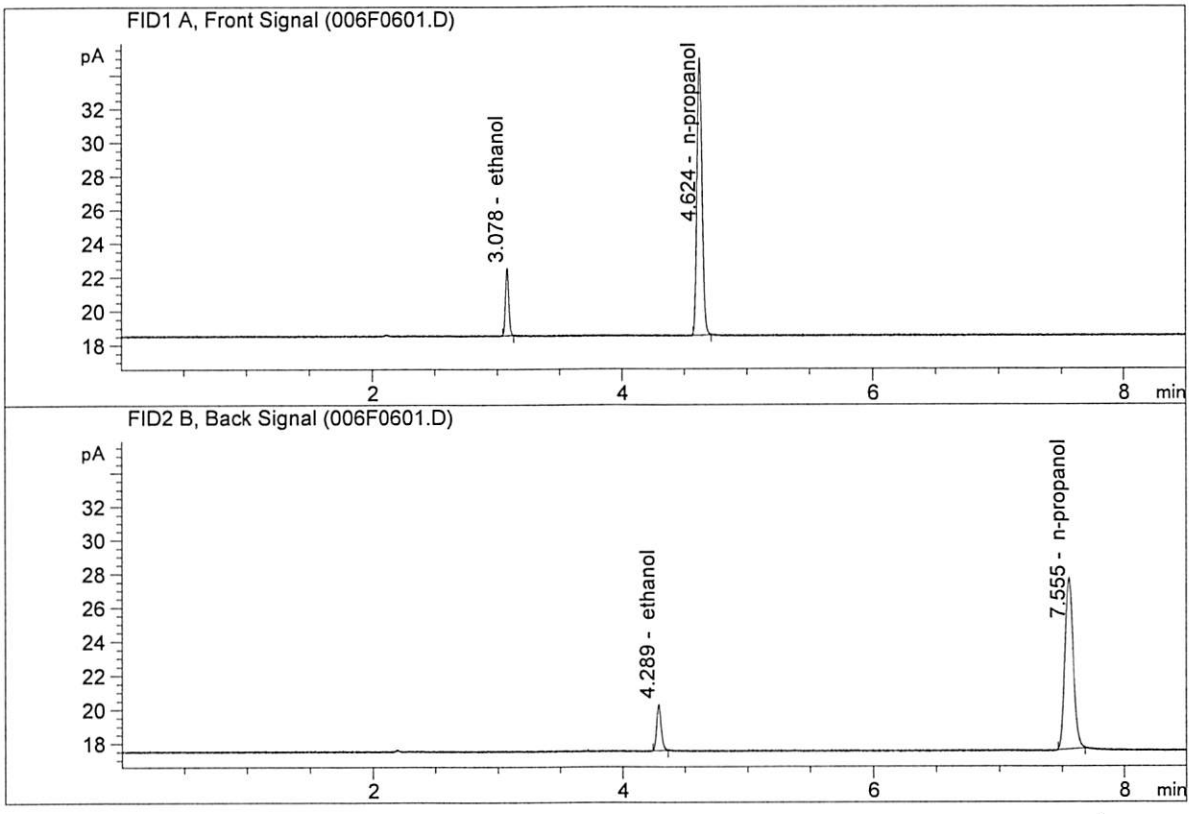
Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Dec 20, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.26646	0.0805	g/100cc
2.	Ethanol	Column 2:	7.44834	0.0811	g/100cc
3.	n-Propanol	Column 1:	46.87422	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.22739	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.25233	0.0808	g/100cc
2.	Ethanol	Column 2:	7.37737	0.0809	g/100cc
3.	n-Propanol	Column 1:	46.58643	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.92831	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 20 Dec 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1993	0.1999	0.0006	0.1996	0.1999	
(g/100cc)	0.2008	0.1999	0.0009	0.2003		

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%**

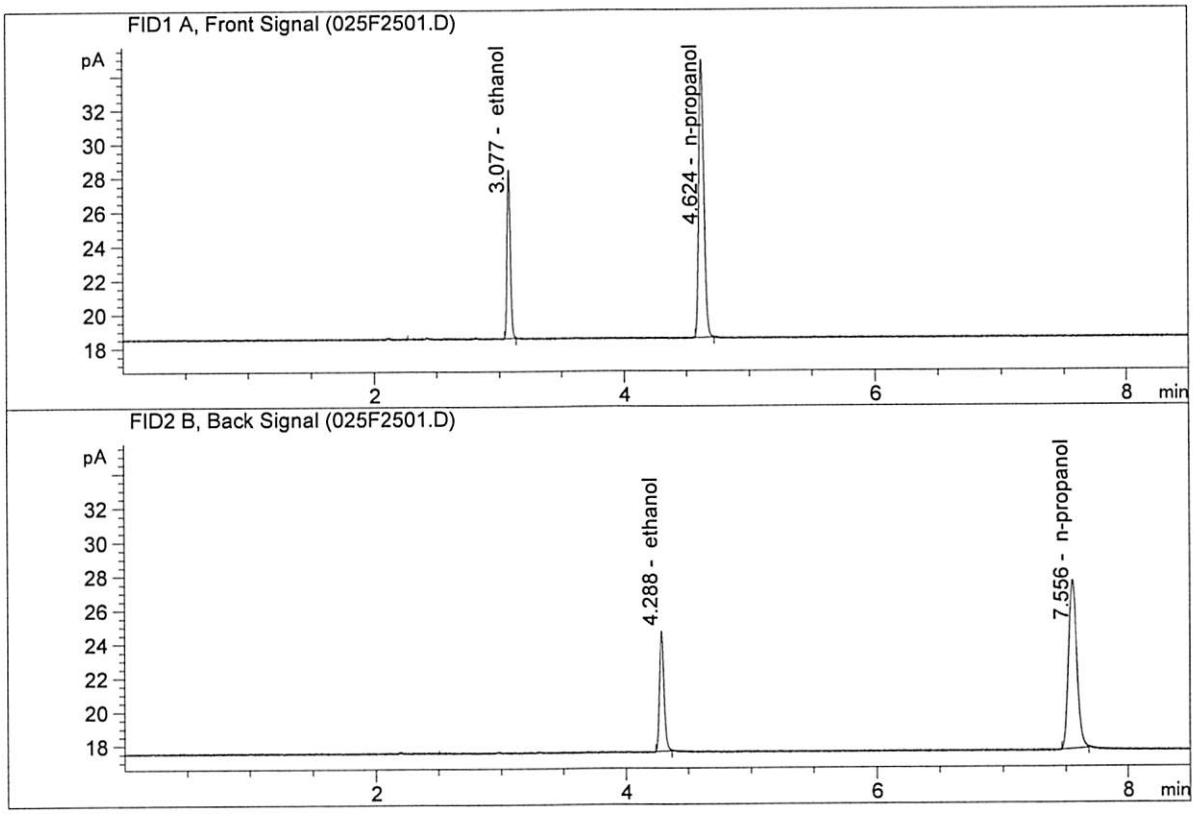
Overall Mean (g/100cc)	Low	High	5% of Mean
0.199	0.189	0.209	0.010

	Reported Result	
	0.199	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

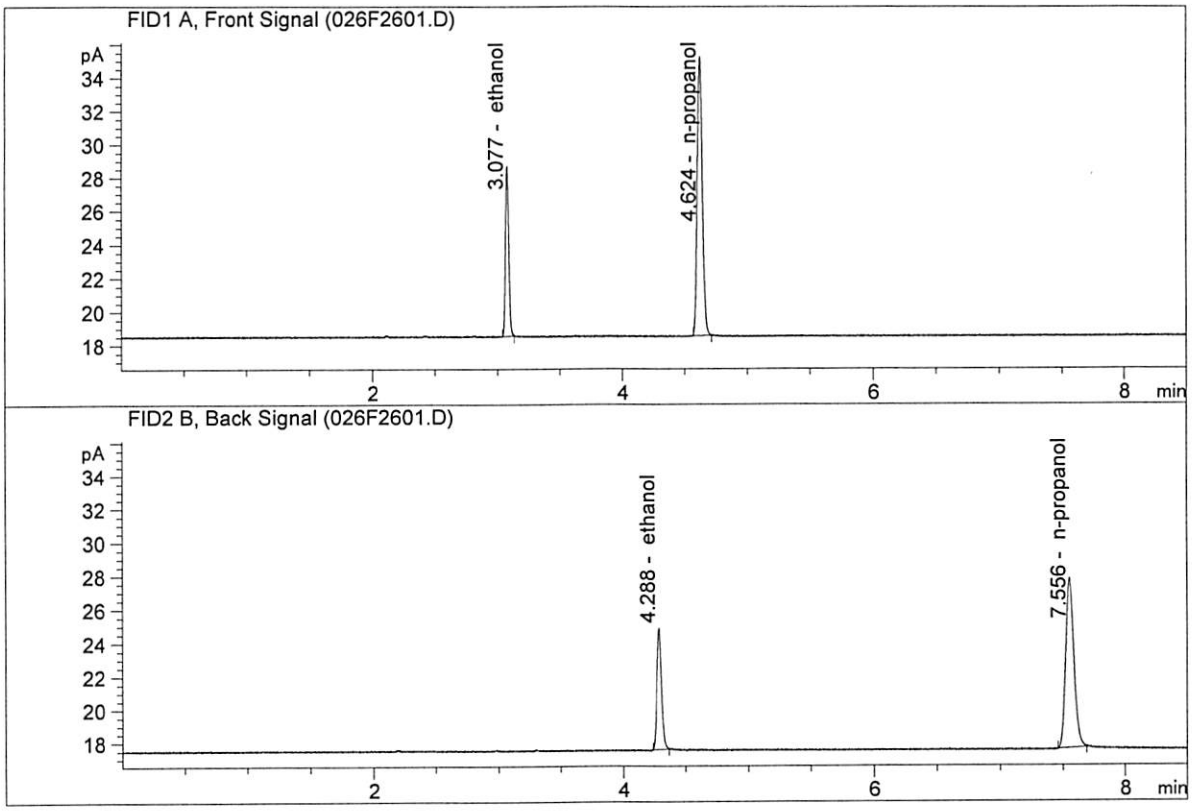
Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Dec 20, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.04370	0.1993	g/100cc
2.	Ethanol	Column 2:	18.83374	0.1999	g/100cc
3.	n-Propanol	Column 1:	46.42210	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.53519	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.53564	0.2008	g/100cc
2.	Ethanol	Column 2:	19.28761	0.1999	g/100cc
3.	n-Propanol	Column 1:	47.31929	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.68634	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 21 Dec 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0783	0.0788	0.0005	0.0785	0.0779	
(g/100cc)	0.0770	0.0777	0.0007	0.0773		

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
0.077	0.073	0.081	0.004

Reported Result

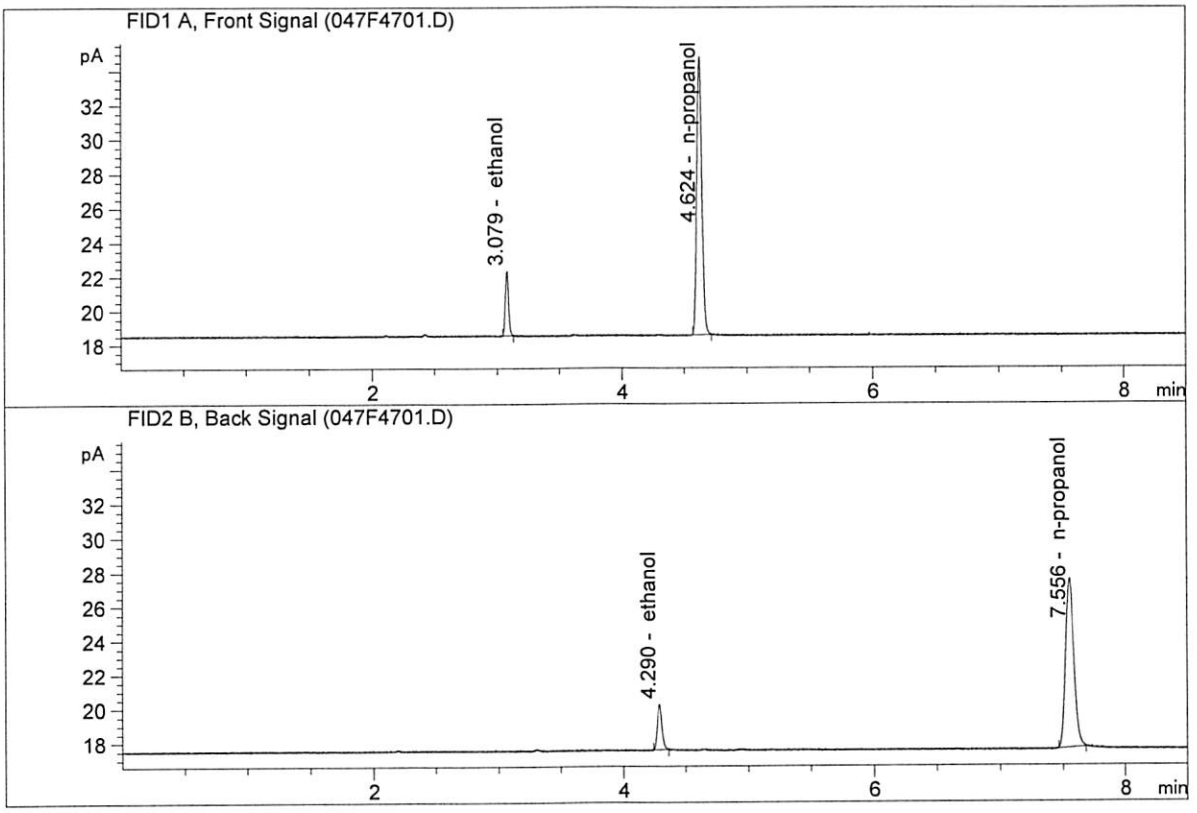
0.077

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

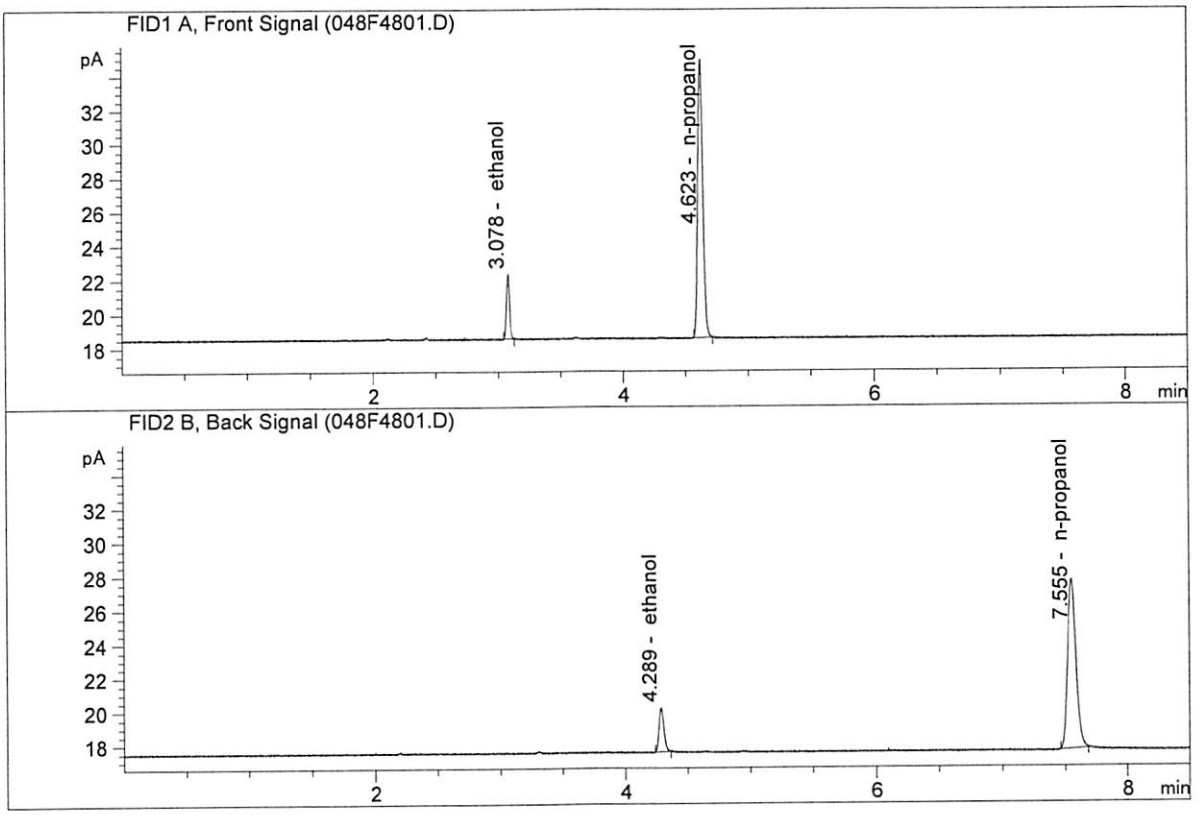
Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Dec 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.94167	0.0783	g/100cc
2.	Ethanol	Column 2:	7.07895	0.0788	g/100cc
3.	n-Propanol	Column 1:	46.06542	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.28680	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.91676	0.0770	g/100cc
2.	Ethanol	Column 2:	7.06540	0.0777	g/100cc
3.	n-Propanol	Column 1:	46.63988	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.90192	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 21 Dec 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1983	0.1988	0.0005	0.1985	0.1976	
(g/100cc)	0.1971	0.1962	0.0009	0.1966		

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
0.197	**0.187**	**0.207**	**0.010**

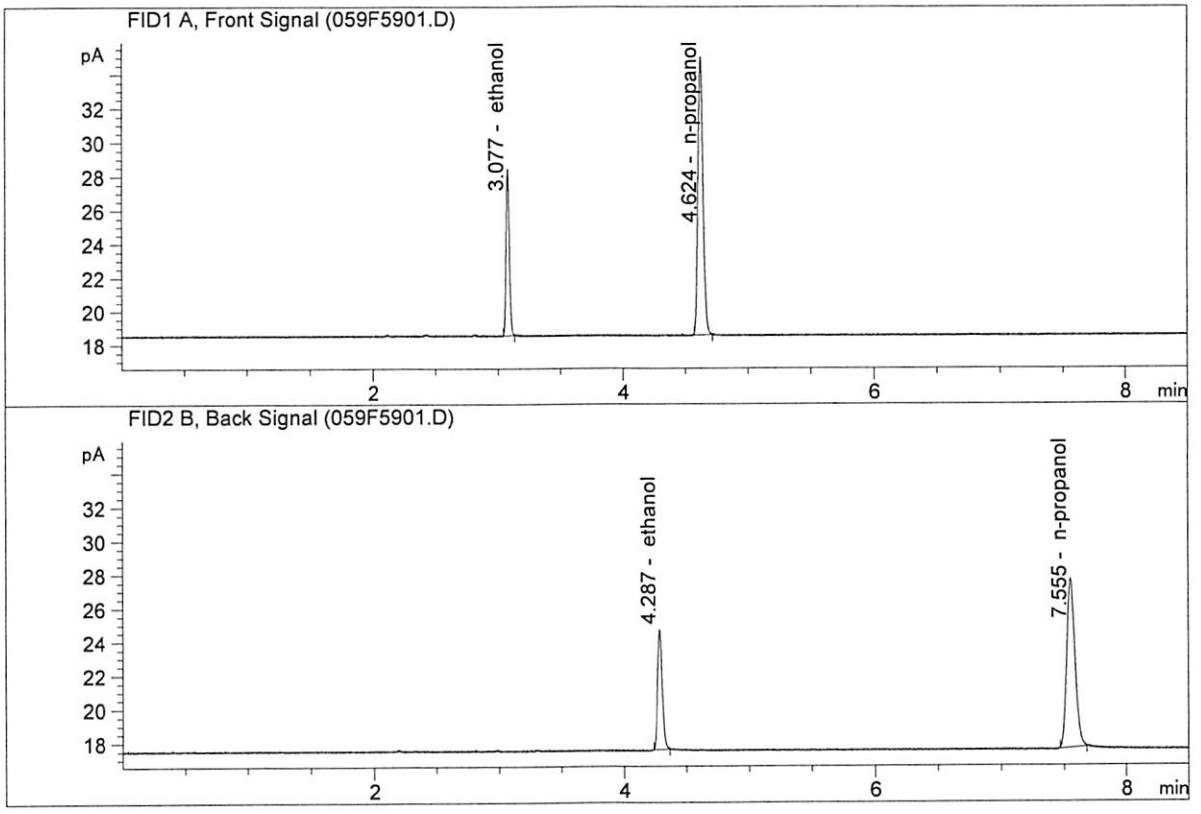
	Reported Result	
	0.197	

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 : QC2-2-A
Laboratory : Meridian
Injection Date : Dec 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.12324	0.1983	g/100cc
2.	Ethanol	Column 2:	18.89379	0.1988	g/100cc
3.	n-Propanol	Column 1:	46.85460	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.95558	1.0000	g/100cc

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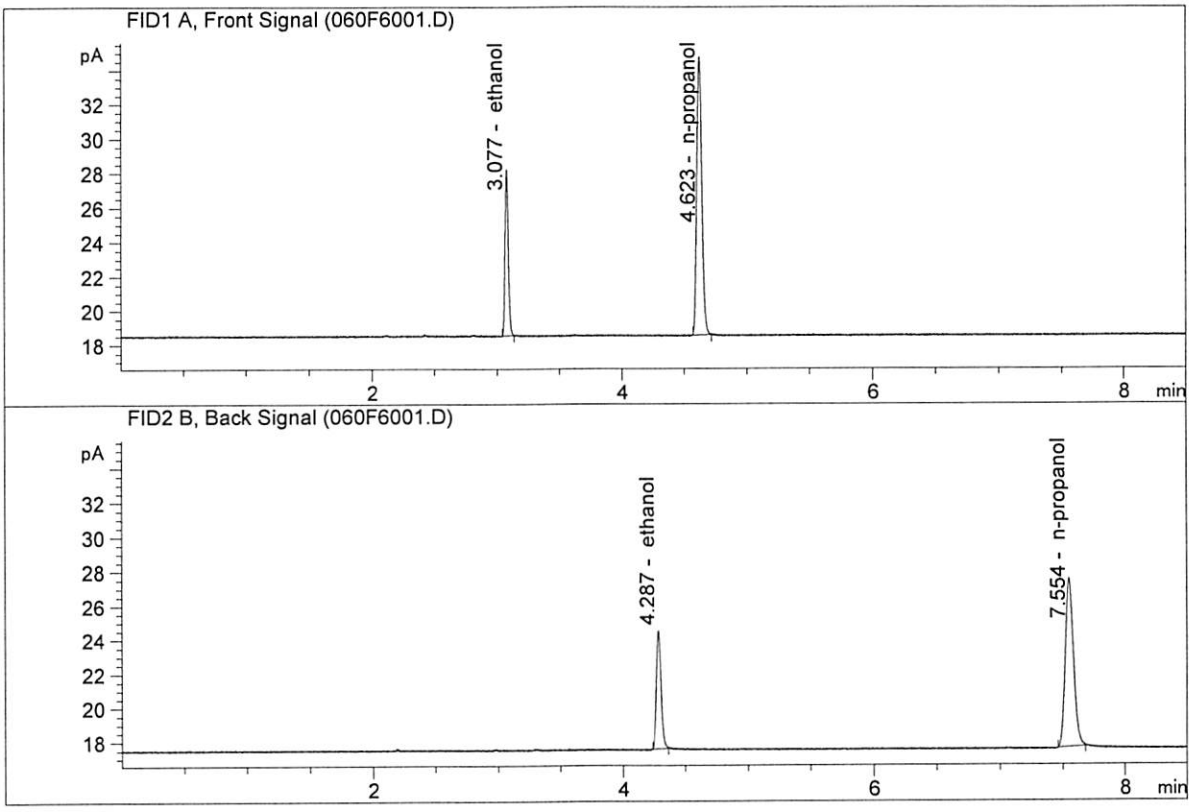
ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : Dec 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.73495	0.1971	g/100cc
2.	Ethanol	Column 2:	18.40299	0.1962	g/100cc
3.	n-Propanol	Column 1:	46.14141	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.34703	1.0000	g/100cc

JG

Calibration Table

General Calibration Setting

Calib. Data Modified : Thursday, December 12, 2019 3:25:40 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

JC

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	4.34616	1.15044e-2	No	No	1	ethanol
		2	1.00000e-1	8.68615	1.15126e-2				
		3	2.00000e-1	17.84452	1.12079e-2				
		4	3.00000e-1	26.46778	1.13345e-2				
		5	5.00000e-1	44.18955	1.13149e-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	4.51707	1.10691e-2	No	No	2	ethanol
		2	1.00000e-1	8.96931	1.11491e-2				
		3	2.00000e-1	18.65841	1.07190e-2				
		4	3.00000e-1	27.84500	1.07739e-2				
		5	5.00000e-1	46.89922	1.06612e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	44.44377	2.25003e-2	No	Yes	1	n-propanol
		2	1.00000	44.83916	2.23019e-2				
		3	1.00000	46.10202	2.16910e-2				
		4	1.00000	45.26270	2.20932e-2				
		5	1.00000	44.99200	2.22262e-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	46.46101	2.15234e-2	No	Yes	2	n-propanol
		2	1.00000	46.64891	2.14367e-2				
		3	1.00000	47.82665	2.09088e-2				
		4	1.00000	46.65306	2.14348e-2				
		5	1.00000	46.39603	2.15536e-2				

Peak Sum Table

No Entries in table

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1 Warnings or Errors :

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

==========

Calibration Curves

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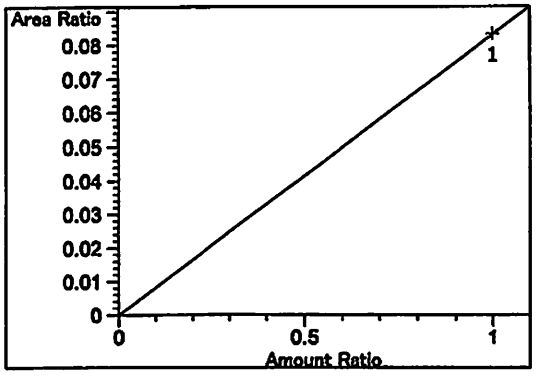
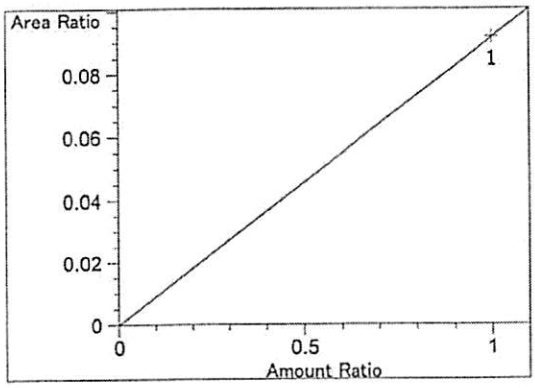
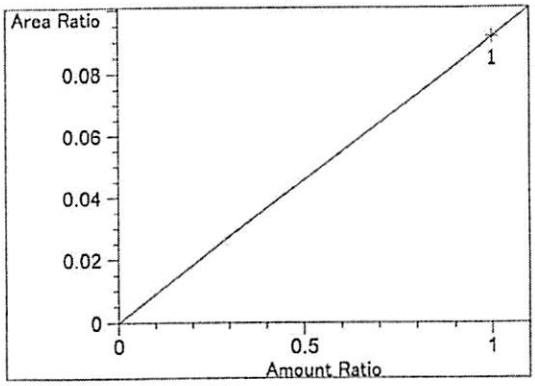


methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.31769e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

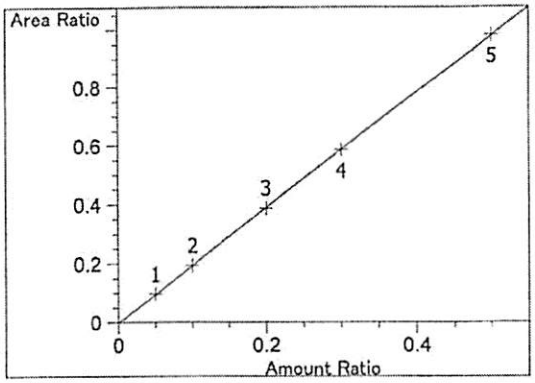
JC



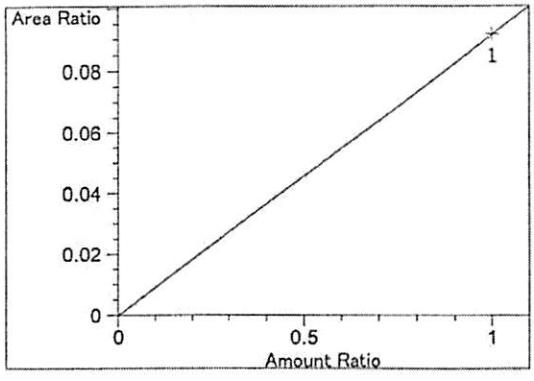
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.17113e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.17113e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

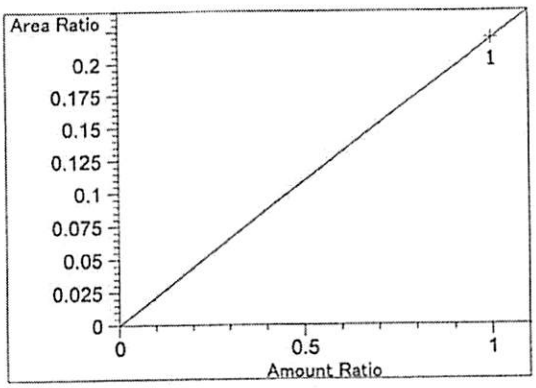


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00288
Formula: y = mx + b
m: 1.96656
b: -3.20991e-3
x: Amount Ratio
y: Area Ratio

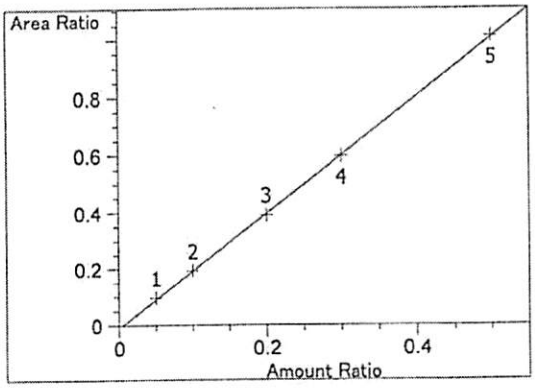


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.17032e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

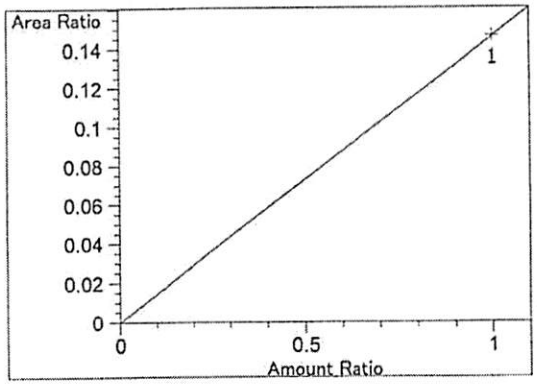
JG



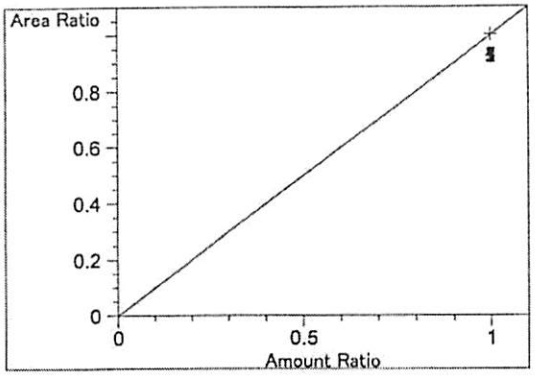
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.18941e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99990
Residual Std. Dev.: 0.00582
Formula: y = mx + b
m: 2.03522
b: -1.06376e-2
x: Amount Ratio
y: Area Ratio

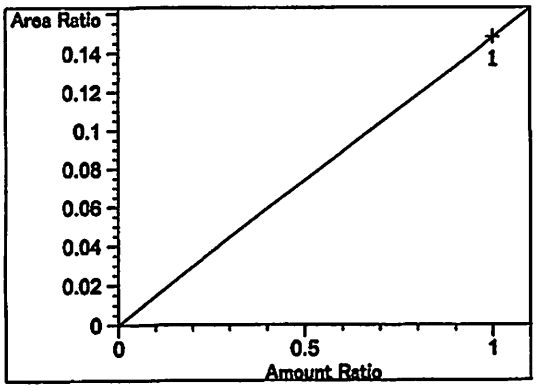


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.46239e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

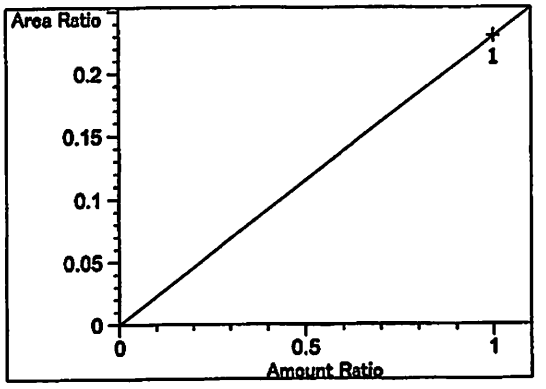


n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

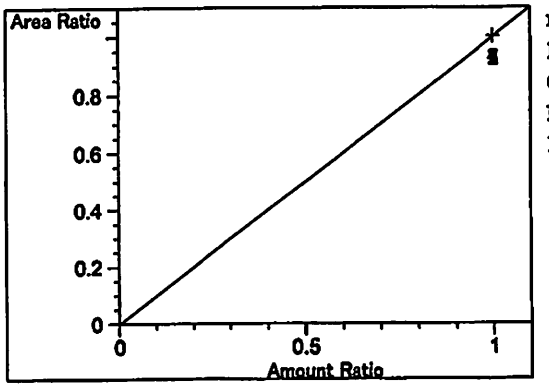
JL



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.48361e-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: 2.30439e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

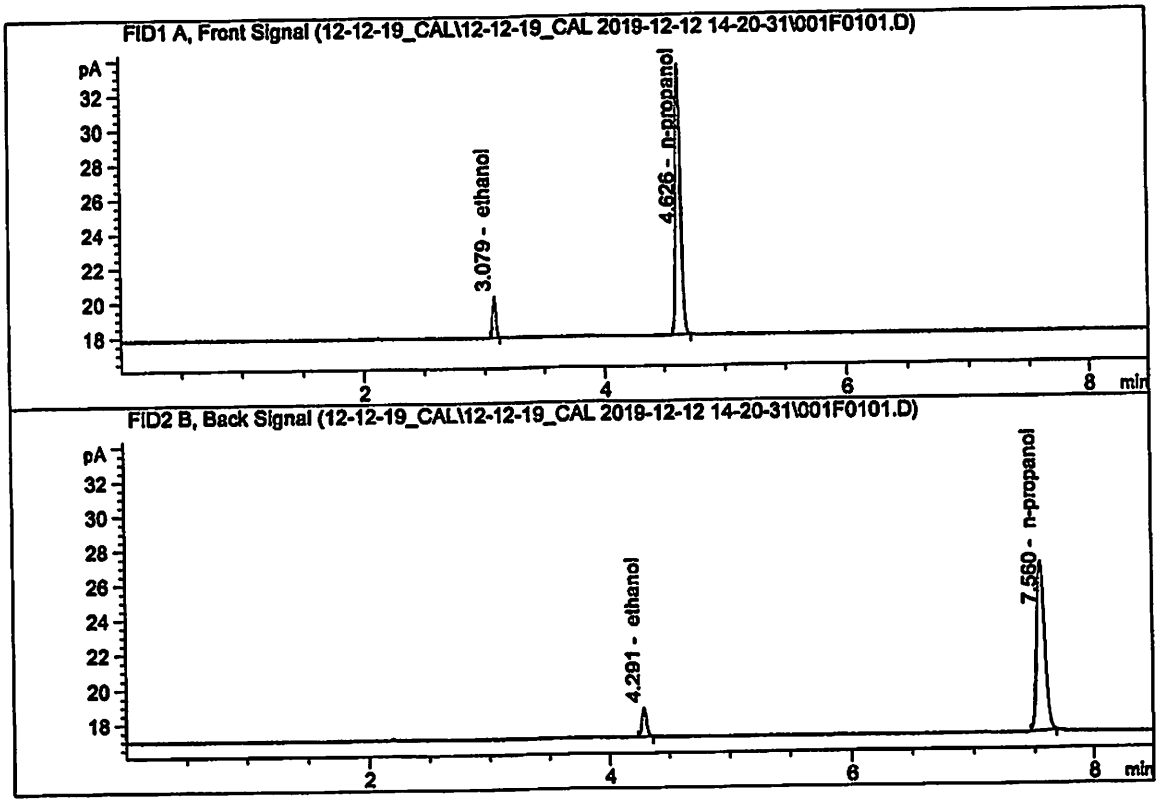


n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN05211804
Laboratory : Meridian
Injection Date : Dec 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

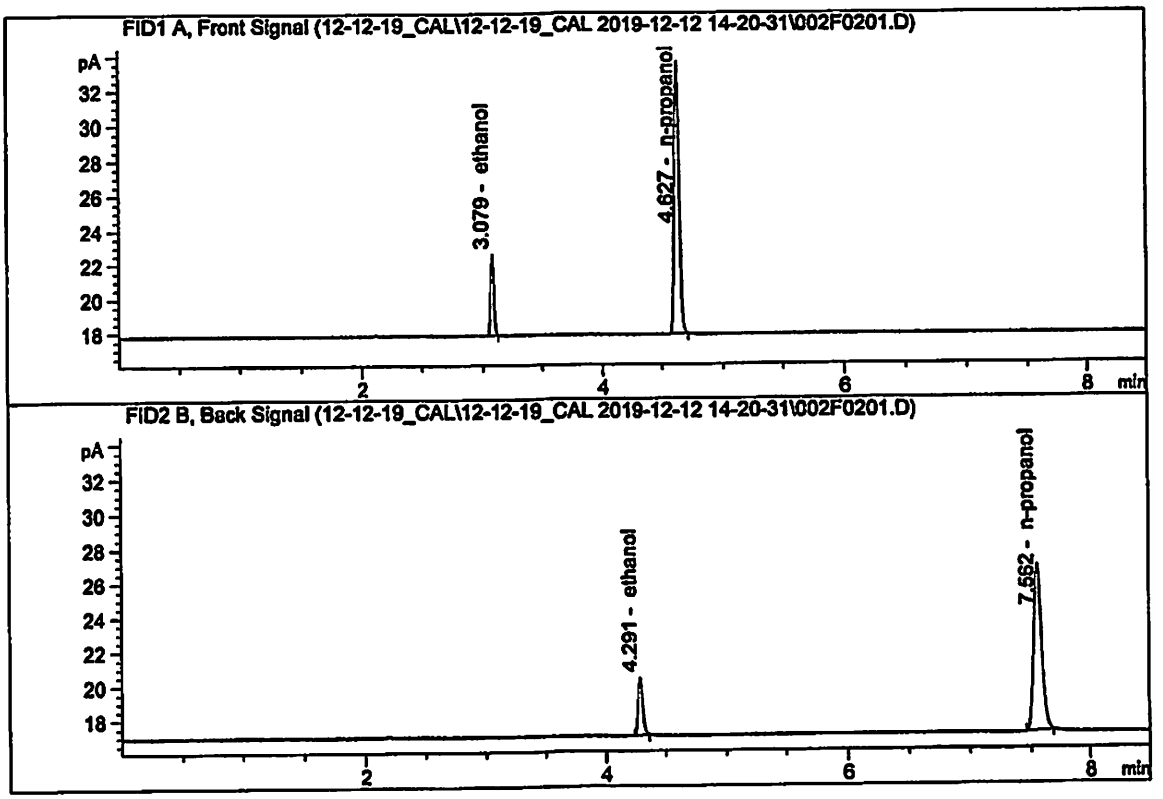


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.34616	0.0514	g/100cc
2.	Ethanol	Column 2:	4.51707	0.0530	g/100cc
3.	n-Propanol	Column 1:	44.44377	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.46101	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN02271802
Laboratory : Meridian
Injection Date : Dec 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

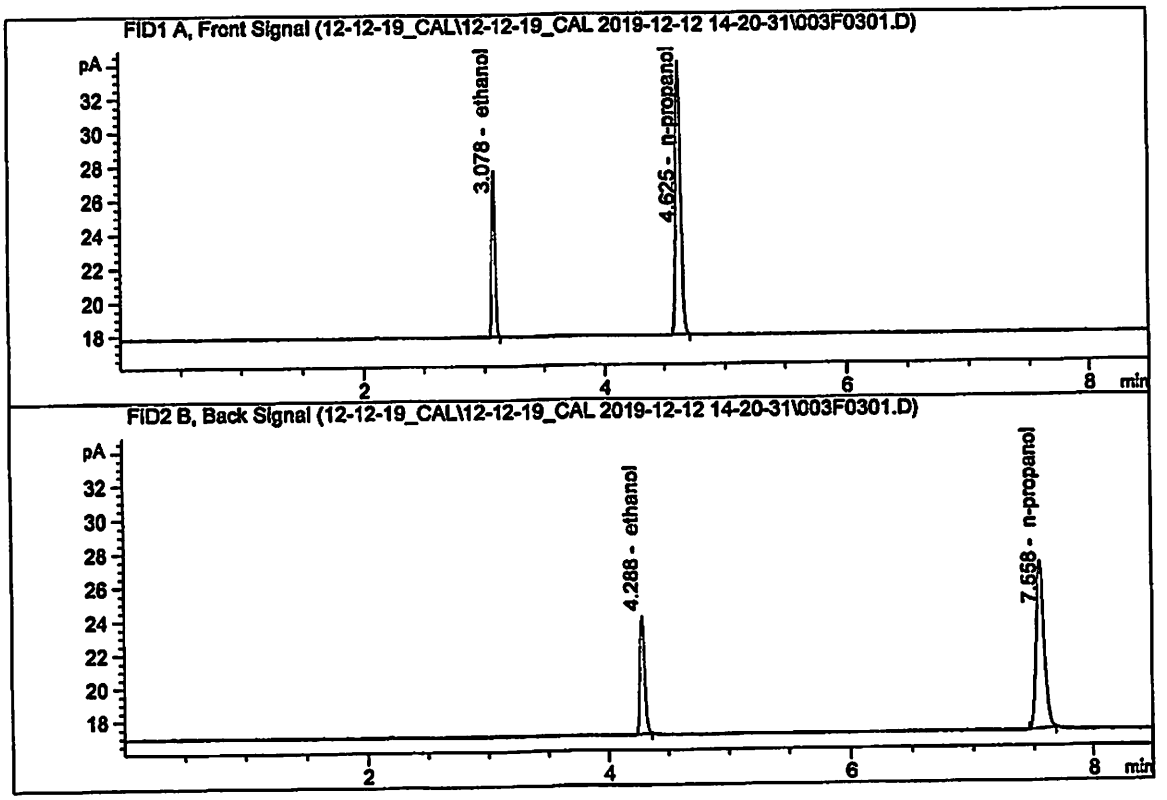


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.68615	0.1001	g/100cc
2.	Ethanol	Column 2:	8.96931	0.0997	g/100cc
3.	n-Propanol	Column 1:	44.83916	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.64891	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

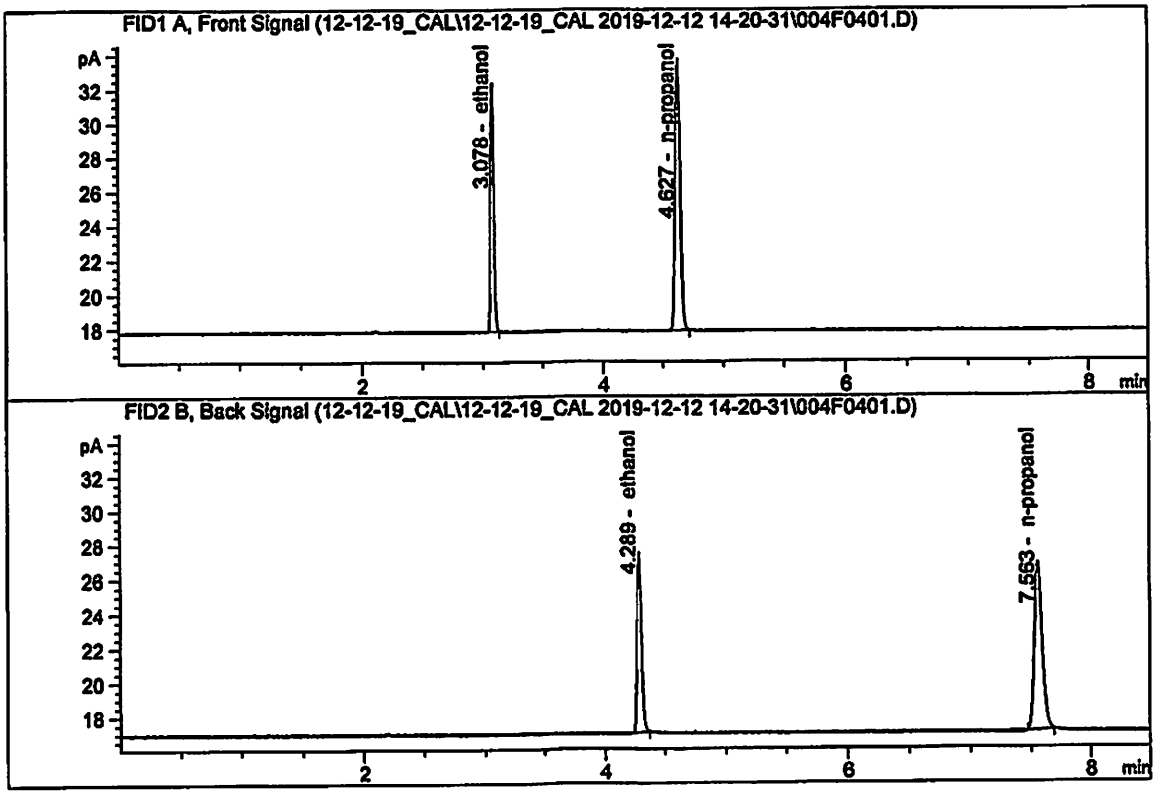
Sample Name : 0.200 FN06231704
Laboratory : Meridian
Injection Date : Dec 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.84452	0.1985	g/100cc
2.	Ethanol	Column 2:	18.65841	0.1969	g/100cc
3.	n-Propanol	Column 1:	46.10202	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.82665	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN07311804
Laboratory : Meridian
Injection Date : Dec 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

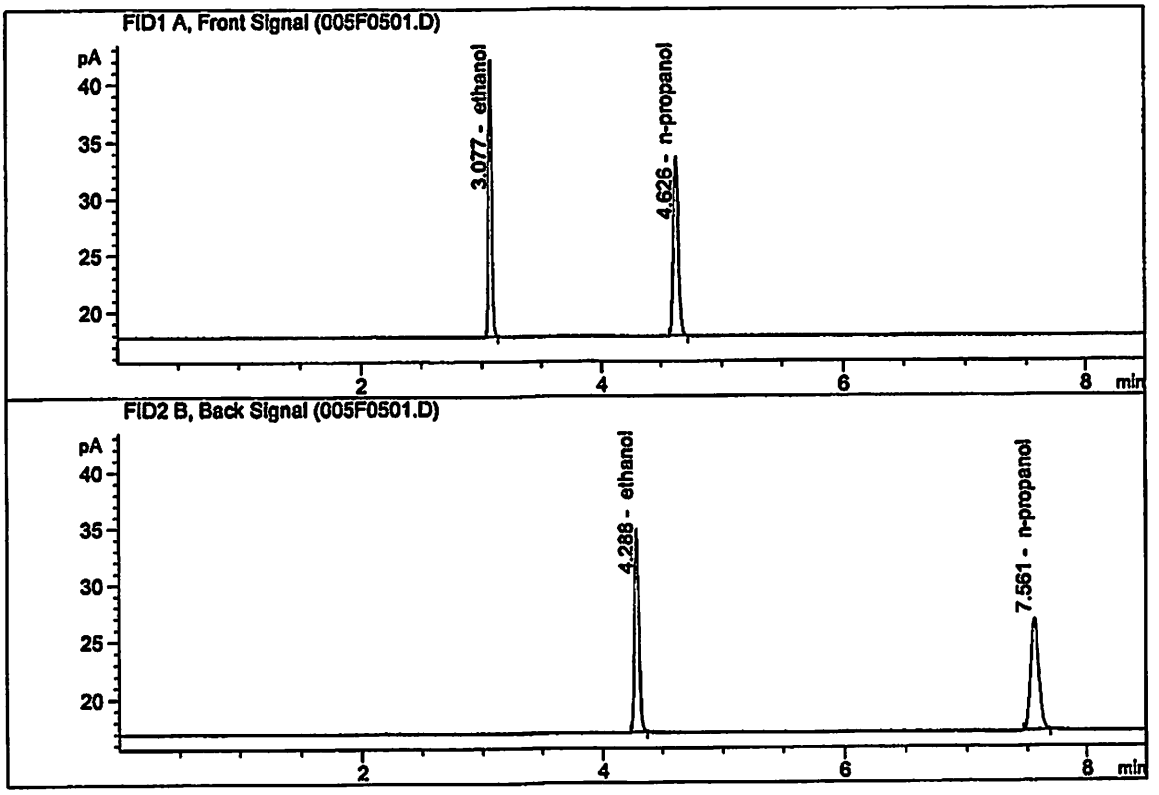


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.46778	0.2990	g/100cc
2.	Ethanol	Column 2:	27.84500	0.2985	g/100cc
3.	n-Propanol	Column 1:	45.26270	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.65306	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602
Laboratory : Meridian
Injection Date : Dec 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

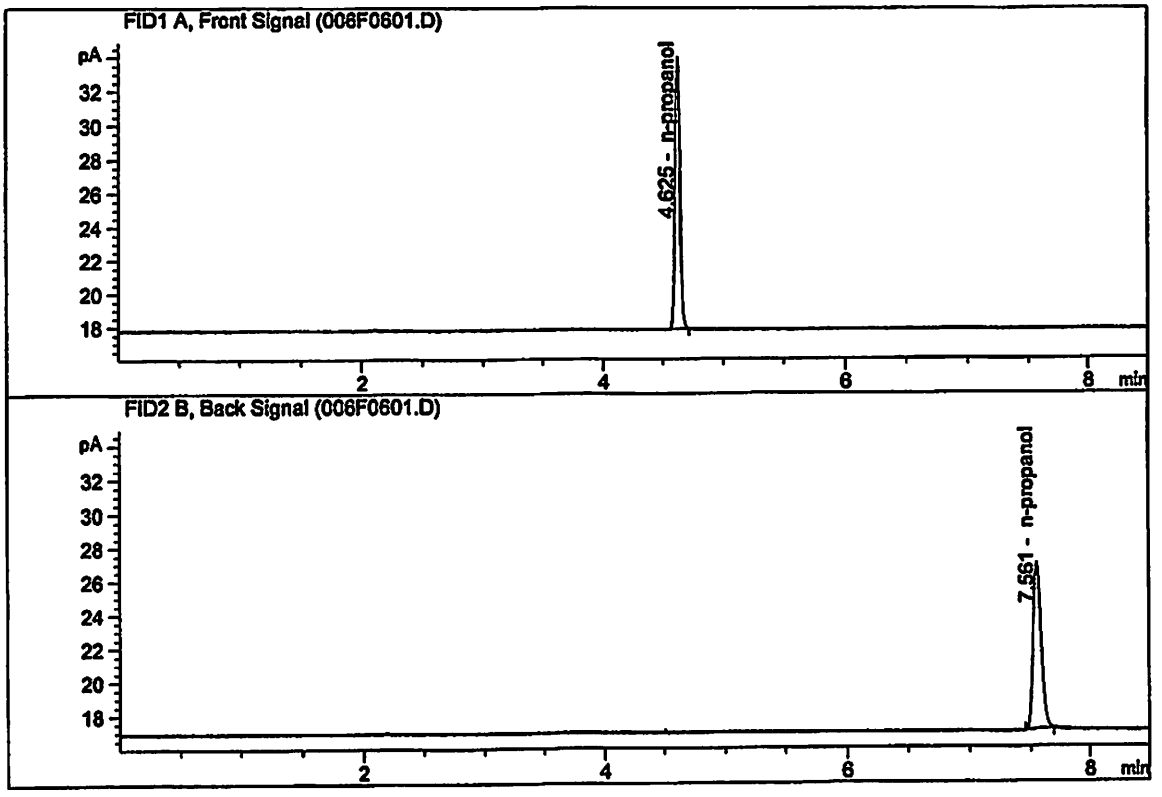


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.18955	0.5011	g/100cc
2.	Ethanol	Column 2:	46.89922	0.5019	g/100cc
3.	n-Propanol	Column 1:	44.99200	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.39603	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Dec 12, 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:	46.04437	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.68810	1.0000	g/100cc

JL

Sequence File C:\Chem32\1\Data\12-12-19_CAL\12-12-19_CAL 2019-12-12 14-20-31\12-12-19_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\12-12-19_CAL\12-12-19_CAL 2019-12-12 14-20-31\12-12-19_CAL.S
Data directory path: C:\Chem32\1\Data\12-12-19_CAL\12-12-19_CAL 2019-12-12 14-20-31\
Logbook: C:\Chem32\1\Data\12-12-19_CAL\12-12-19_CAL 2019-12-12 14-20-31\12-12-19_CAL.LOG
Sequence start: 12/12/2019 2:35:08 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

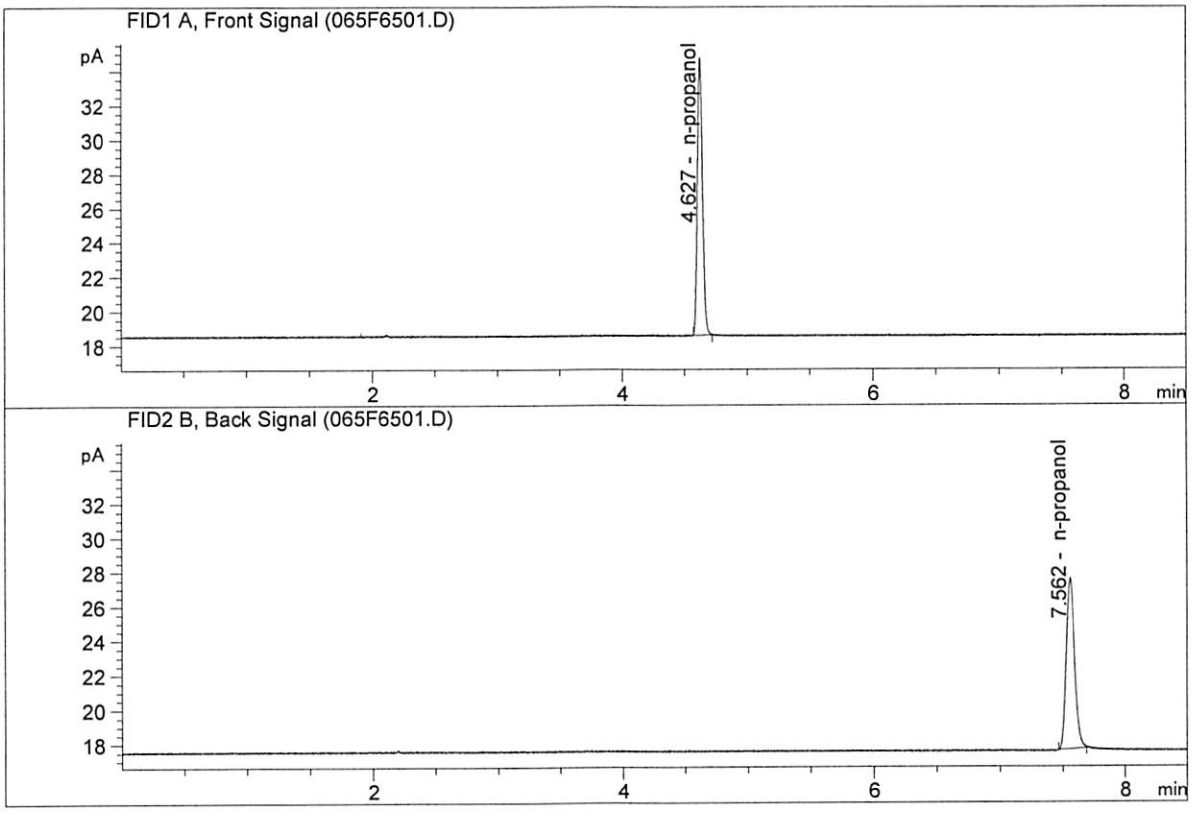
Method file name: C:\Chem32\1\Data\12-12-19_CAL\12-12-19_CAL 2019-12-12 14-20-31\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.050 FN05211804	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN02271802	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN06231704	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN07311804	-	1.0000	004F0401.D	*	4
5	5	1	0.500 FN08031602	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

JC

ISP Forensic Services Blood Alcohol Report

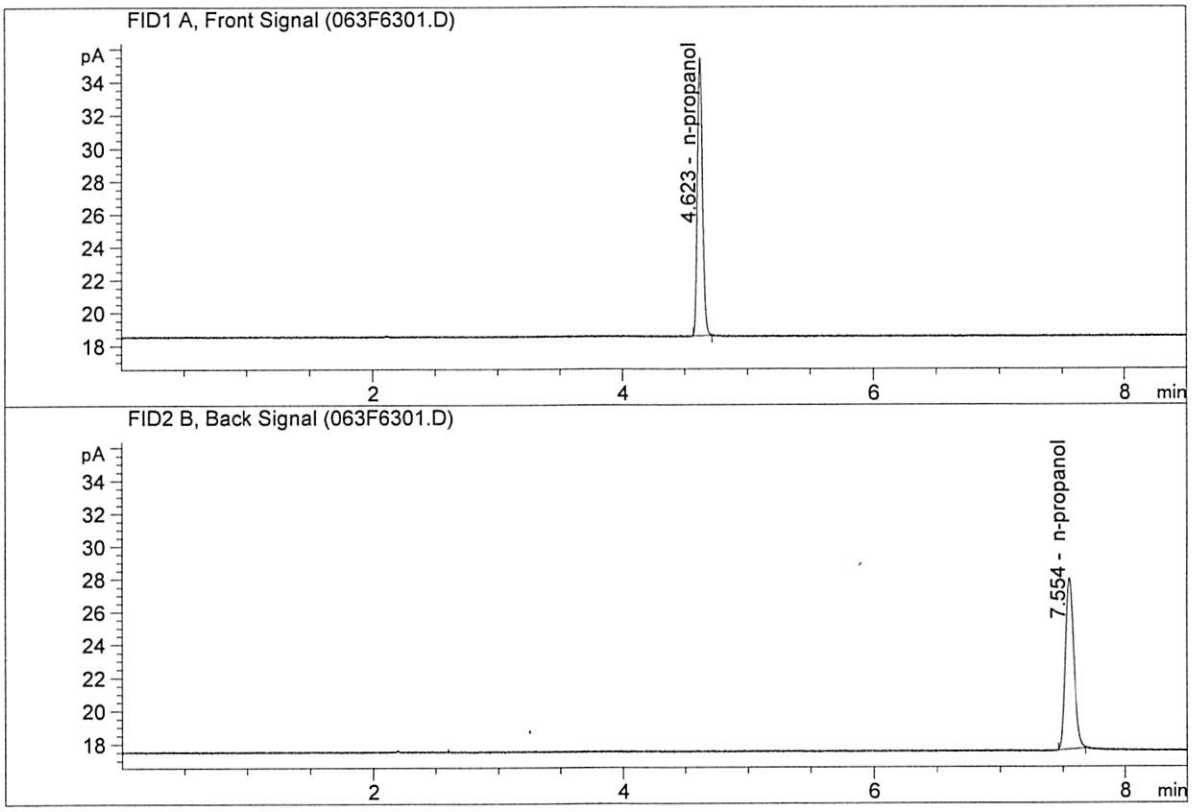
Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Dec 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	46.02613	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.30632	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Dec 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:	48.04522	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.38828	1.0000	g/100cc

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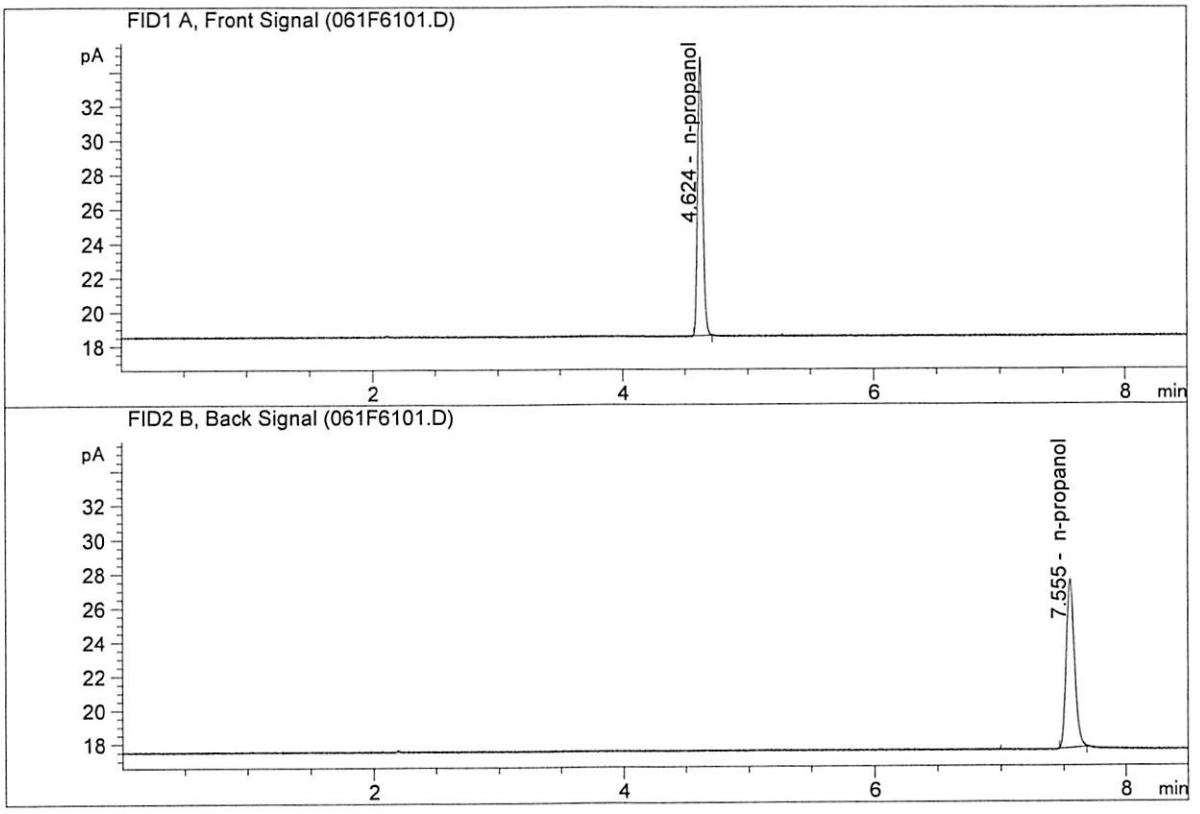
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Dec 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:	46.31431	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.51434	1.0000	g/100cc

Sample Summary

Sequence table: C:\Chem32\1\Data\12-20-19_SAMPLES\12-20-19_SAMPLES 2019-12-20 15-49-51\12-20-19_SAMPLES.S
Data directory path: C:\Chem32\1\Data\12-20-19_SAMPLES\12-20-19_SAMPLES 2019-12-20 15-49-51\
Logbook: C:\Chem32\1\Data\12-20-19_SAMPLES\12-20-19_SAMPLES 2019-12-20 15-49-51\12-20-19_SAMPLES.LOG
Sequence start: 12/20/2019 4:04:38 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\12-20-19_SAMPLES\12-20-19_SAMPLES 2019-12-20 15-49-51\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	M2019-5518-1-A	-	1.0000	007F0701.D		4
8	8	1	M2019-5518-1-B	-	1.0000	008F0801.D		4
9	9	1	M2019-5532-1-A	-	1.0000	009F0901.D		4
10	10	1	M2019-5532-1-B	-	1.0000	010F1001.D		4
11	11	1	M2019-5541-1-A	-	1.0000	011F1101.D		2
12	12	1	M2019-5541-1-B	-	1.0000	012F1201.D		2
13	13	1	M2019-5564-1-A	-	1.0000	013F1301.D		2
14	14	1	M2019-5564-1-B	-	1.0000	014F1401.D		2
15	15	1	M2019-5565-1-A	-	1.0000	015F1501.D		4
16	16	1	M2019-5565-1-B	-	1.0000	016F1601.D		4
17	17	1	M2019-5584-1-A	-	1.0000	017F1701.D		2
18	18	1	M2019-5584-1-B	-	1.0000	018F1801.D		2
19	19	1	M2019-5591-1-A	-	1.0000	019F1901.D		4
20	20	1	M2019-5591-1-B	-	1.0000	020F2001.D		4
21	21	1	M2019-5598-1-A	-	1.0000	021F2101.D		4
22	22	1	M2019-5598-1-B	-	1.0000	022F2201.D		4
23	23	1	M2019-5599-1-A	-	1.0000	023F2301.D		4
24	24	1	M2019-5599-1-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	M2019-5601-1-A	-	1.0000	027F2701.D		4
28	28	1	M2019-5601-1-B	-	1.0000	028F2801.D		4
29	29	1	M2019-5652-1-A	-	1.0000	029F2901.D		4
30	30	1	M2019-5652-1-B	-	1.0000	030F3001.D		4
31	31	1	P2019-3733-1-A	-	1.0000	031F3101.D		4
32	32	1	P2019-3733-1-B	-	1.0000	032F3201.D		4
33	33	1	P2019-3736-1-A	-	1.0000	033F3301.D		2
34	34	1	P2019-3736-1-B	-	1.0000	034F3401.D		2
35	35	1	P2019-3744-1-A	-	1.0000	035F3501.D		4
36	36	1	P2019-3744-1-B	-	1.0000	036F3601.D		4
37	37	1	P2019-3745-1-A	-	1.0000	037F3701.D		4
38	38	1	P2019-3745-1-B	-	1.0000	038F3801.D		5
39	39	1	P2019-3746-1-A	-	1.0000	039F3901.D		4
40	40	1	P2019-3746-1-B	-	1.0000	040F4001.D		4
41	41	1	P2019-3764-1-A	-	1.0000	041F4101.D		4
42	42	1	P2019-3764-1-B	-	1.0000	042F4201.D		4
43	43	1	P2019-3767-1-A	-	1.0000	043F4301.D		2

JG

Sequence File C:\Chem32\...9_SAMPLES\12-20-19_SAMPLES 2019-12-20 15-49-51\12-20-19_SAMPLES.S

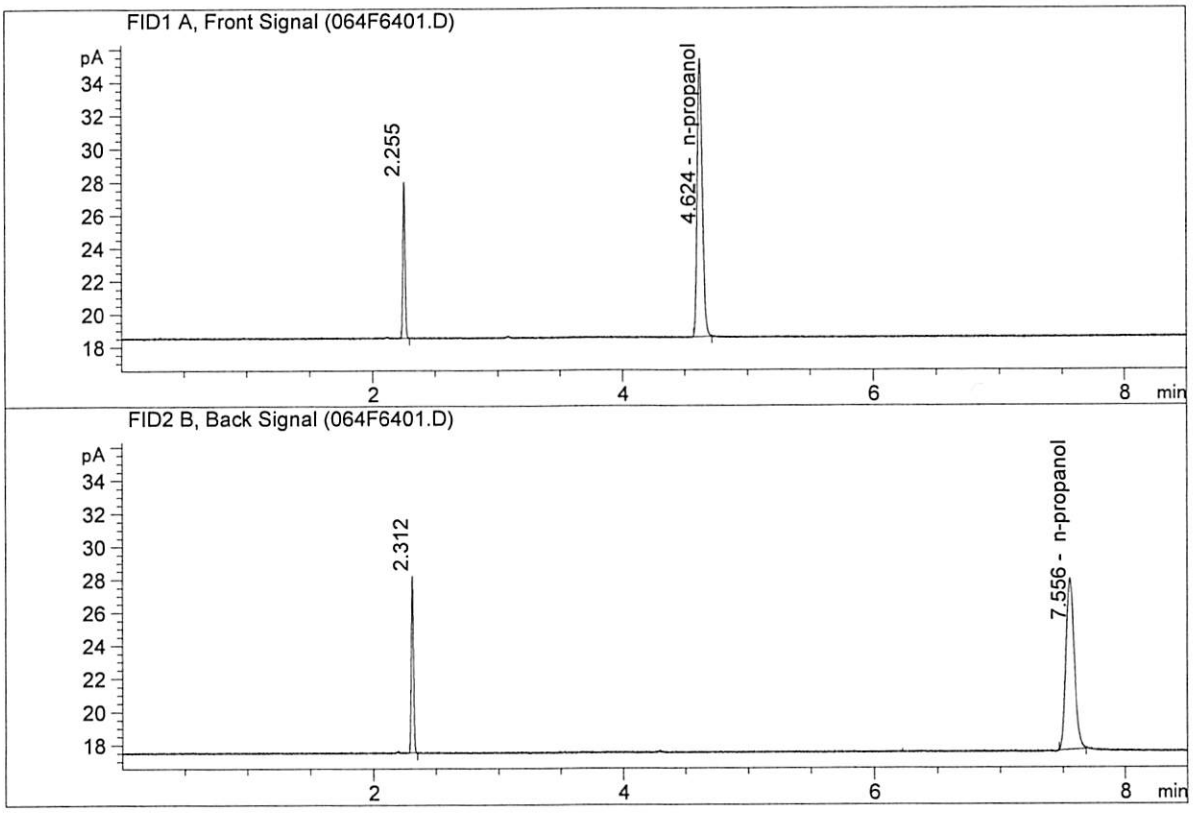
Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	P2019-3767-1-B	-	1.0000	044F4401.D	2
45	45	1	P2019-3768-1-A	-	1.0000	045F4501.D	4
46	46	1	P2019-3768-1-B	-	1.0000	046F4601.D	4
47	47	1	QC1-2-A	-	1.0000	047F4701.D	4
48	48	1	QC1-2-B	-	1.0000	048F4801.D	4
49	49	1	P2019-3770-1-A	-	1.0000	049F4901.D	4
50	50	1	P2019-3770-1-B	-	1.0000	050F5001.D	4
51	51	1	P2019-3793-1-A	-	1.0000	051F5101.D	4
52	52	1	P2019-3793-1-B	-	1.0000	052F5201.D	4
53	53	1	P2019-3805-1-A	-	1.0000	053F5301.D	4
54	54	1	P2019-3805-1-B	-	1.0000	054F5401.D	4
55	55	1	P2019-3806-1-A	-	1.0000	055F5501.D	4
56	56	1	P2019-3806-1-B	-	1.0000	056F5601.D	4
57	57	1	P2019-3818-1-A	-	1.0000	057F5701.D	4
58	58	1	P2019-3818-1-B	-	1.0000	058F5801.D	4
59	59	1	QC2-2-A	-	1.0000	059F5901.D	4
60	60	1	QC2-2-B	-	1.0000	060F6001.D	4
61	61	1	INTERNAL STD BLK	-	1.0000	061F6101.D	2
62	62	1	DFE	-	1.0000	062F6201.D	2
63	63	1	INTERNAL STD BLK	-	1.0000	063F6301.D	2
64	64	1	TFE	-	1.0000	064F6401.D	2
65	65	1	INTERNAL STD BLK	-	1.0000	065F6501.D	2

Method file name: C:\Chem32\1\Data\12-20-19_SAMPLES\12-20-19_SAMPLES 2019-12-20 15-49-51\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
66	66	1	EMPTY	-	1.0000	066F6601.D	0

ISP Forensic Services Blood Alcohol Report

Sample Name : TFE
Laboratory : Meridian
Injection Date : Dec 21, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

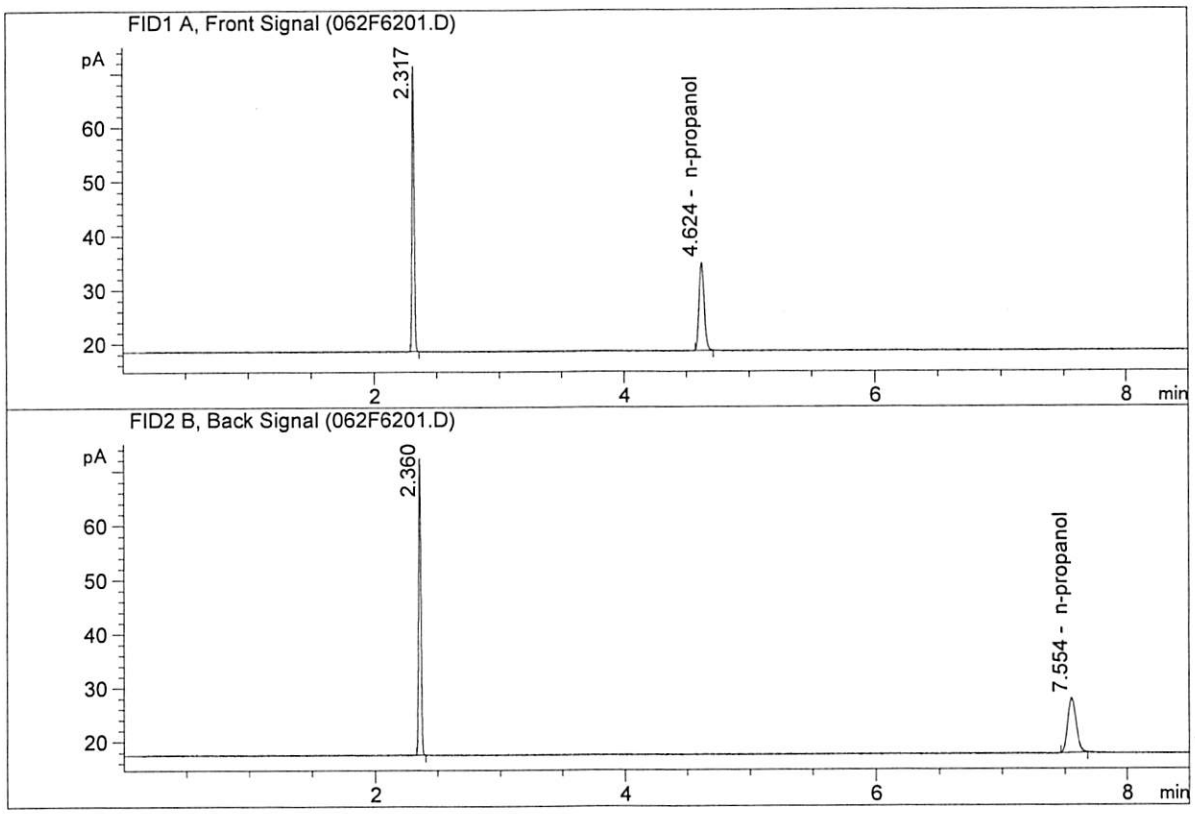


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	47.82434	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.14393	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : DFE
Laboratory : Meridian
Injection Date : Dec 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:	46.36616	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.62640	1.0000	g/100cc