Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls **Run Date: 01-03-2019**

Calibration Date: 12/28/18

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0766 g/100cc
					0.0805 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1997 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Exp date: Sept. 2020**	**Lot #**	FN06041502		OK
Curve Fit:		**Column 1**	1.00000	**Column2**	0.99998

Ethanol Calibration Reference Material

Calibrator level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
0.050	Jun-21	FN04271601	0.050	0.045 - 0.055	0.0503	0.0517	0.0014	0.051
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Aug-21	FN08101601	0.100	0.090 - 0.110	0.0999	0.0994	0.0005	0.0996
0.200	Apr-21	FN03301601	0.200	0.180 - 0.220	0.1997	0.1985	0.0012	0.1991
0.300	Jun-20	FN06051501	0.300	0.270 - 0.330	0.3001	0.2998	0.0003	0.2999
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Sep-21	FN08031602	0.500	0.450 - 0.550	0.5001	0.5007	0.0006	0.5004

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	May-22	FN04171701	0.08000	0.076 - 0.084	0.079 g/100cc

REVIEWED
By Rachel Cutler at 10:45 am, Jan 08, 2019

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

Issued: 4/22/2015

Volatiles QA/QC data spreadsheet Rev 5

Issuing Authority: Quality Manager

JG

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Friday, December 28, 2018 10:46:20 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

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

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.586	1	1	1.00000	3.69669	2.70512e-1	No	No	1	methanol
2.809	1	1	1.00000	4.26100	2.34687e-1	No	No	2	Acetaldehyde
2.977	2	1	1.00000	4.26100	2.34687e-1	No	No	2	Acetaldehyde
3.075	1	1	5.00000e-2	4.65589	1.07391e-2	No	No	1	ethanol
		2	1.00000e-1	9.22056	1.08453e-2				
		3	2.00000e-1	18.40607	1.08660e-2				
		4	3.00000e-1	27.87200	1.07635e-2				
		5	5.00000e-1	46.52290	1.07474e-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	4.79970	1.04173e-2	No	No	2	ethanol
		2	1.00000e-1	9.51344	1.05114e-2				
		3	2.00000e-1	19.22630	1.04024e-2				
		4	3.00000e-1	29.31839	1.02325e-2				
		5	5.00000e-1	49.27648	1.01468e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	50.97479	1.96175e-2	No	Yes	1	n-propanol
		2	1.00000	50.60676	1.97602e-2				
		3	1.00000	50.41838	1.98340e-2				
		4	1.00000	50.76781	1.96975e-2				
		5	1.00000	50.82323	1.96760e-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	53.18661	1.88017e-2	No	Yes	2	n-propanol
		2	1.00000	52.82743	1.89296e-2				
		3	1.00000	52.39926	1.90842e-2				
		4	1.00000	52.58273	1.90176e-2				
		5	1.00000	52.64596	1.89948e-2				

Peak Sum Table

No Entries in table

41 Warnings or Errors (10 first messages follow) :

Warning : Curve requires more calibration points., (methanol)
Warning : Curve requires more calibration points. at 2.586 min, signal 1
Warning : Curve requires more calibration points. at 2.809 min, signal 1
Warning : Curve requires more calibration points. at 2.977 min, signal 2
Warning : Curve requires more calibration points. at 3.388 min, signal 2
Warning : Curve requires more calibration points. at 3.628 min, signal 1
Warning : Curve requires more calibration points. at 4.308 min, signal 1
Warning : Curve requires more calibration points. at 4.62 min, signal 1
Warning : Curve requires more calibration points. at 4.661 min, signal 2
Warning : Curve requires more calibration points. at 4.969 min, signal 2

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Calibration Curves

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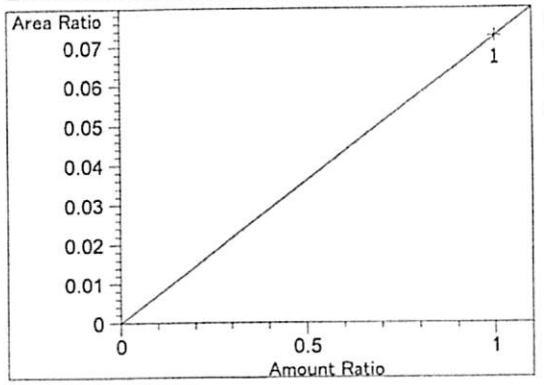
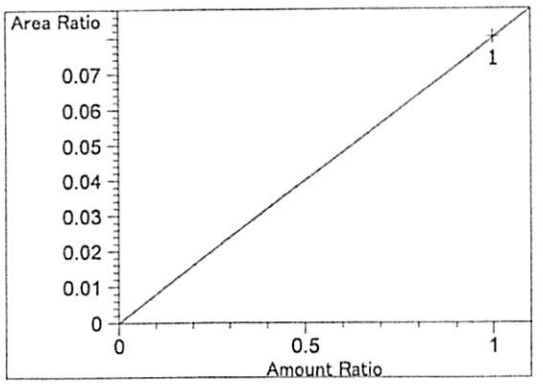
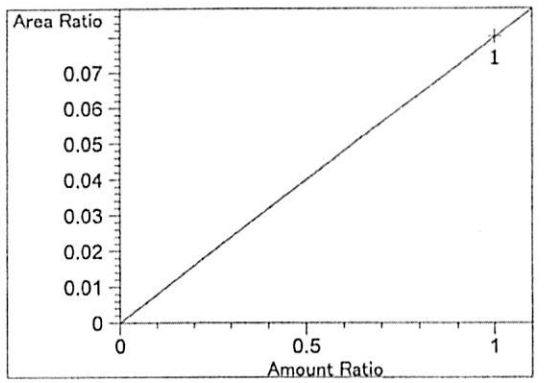


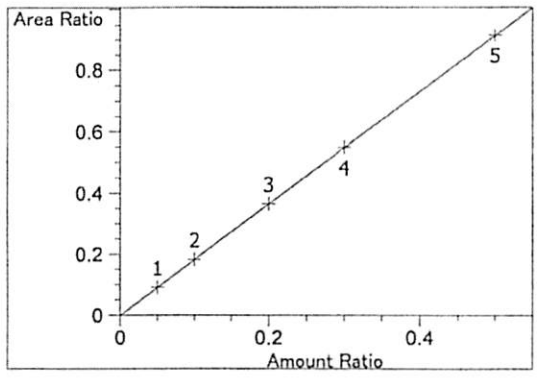
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.25201e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.01141e-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: 8.01141e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00048
Formula: y = mx + b
m: 1.83208
b: -7.78581e-4
x: Amount Ratio
y: Area Ratio

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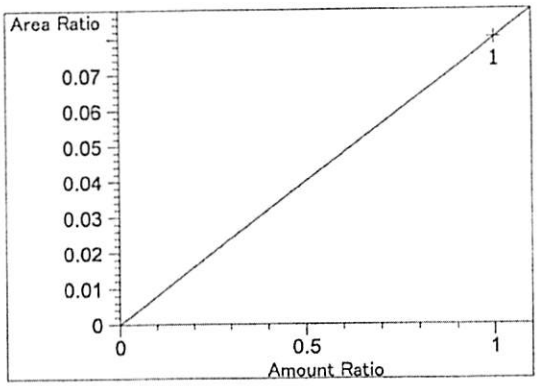
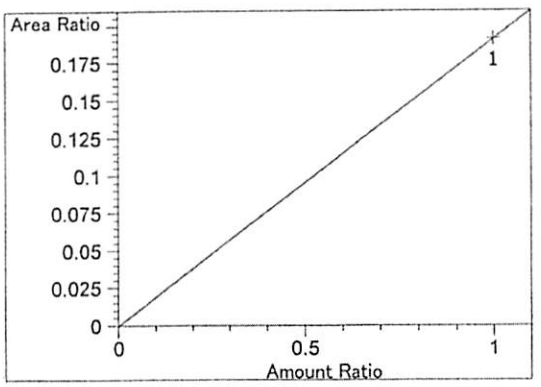
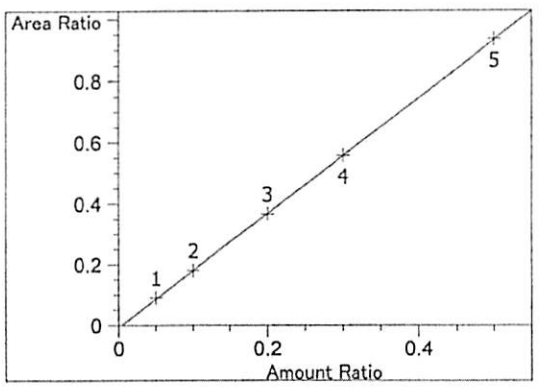


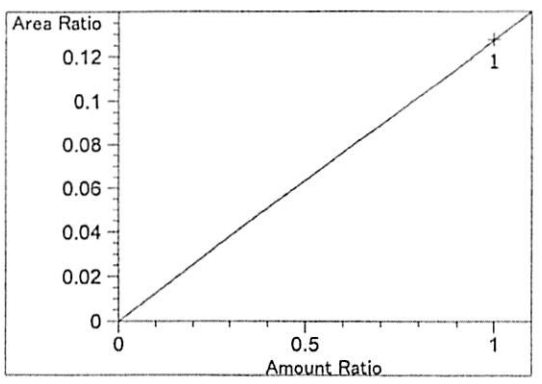
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.01071e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.90890e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00262
Formula: y = mx + b
m: 1.88349
b: -7.04023e-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: 1.27502e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

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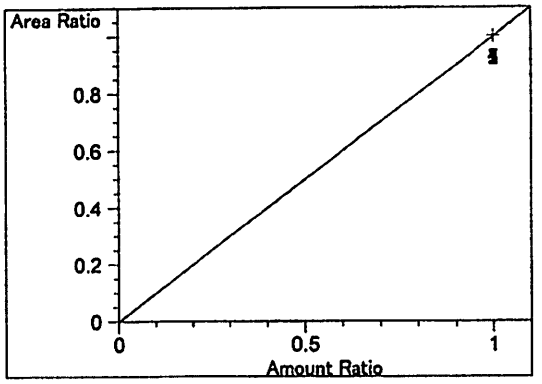
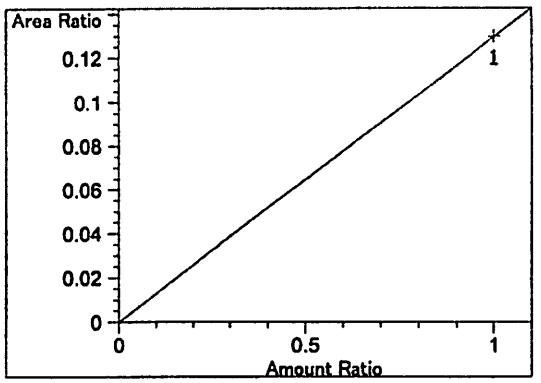
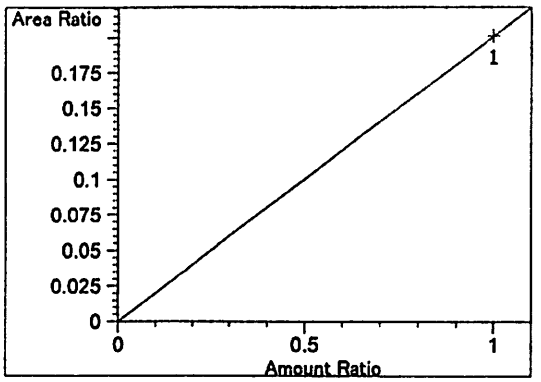


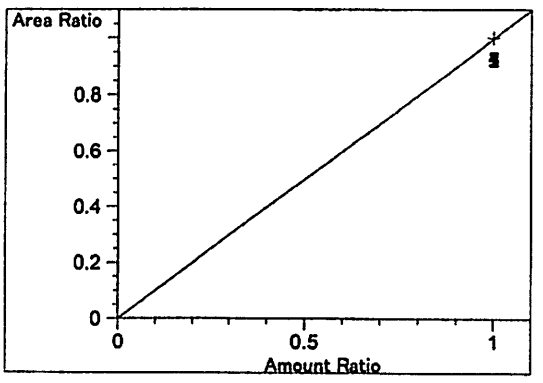
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.29600e-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: 2.01299e-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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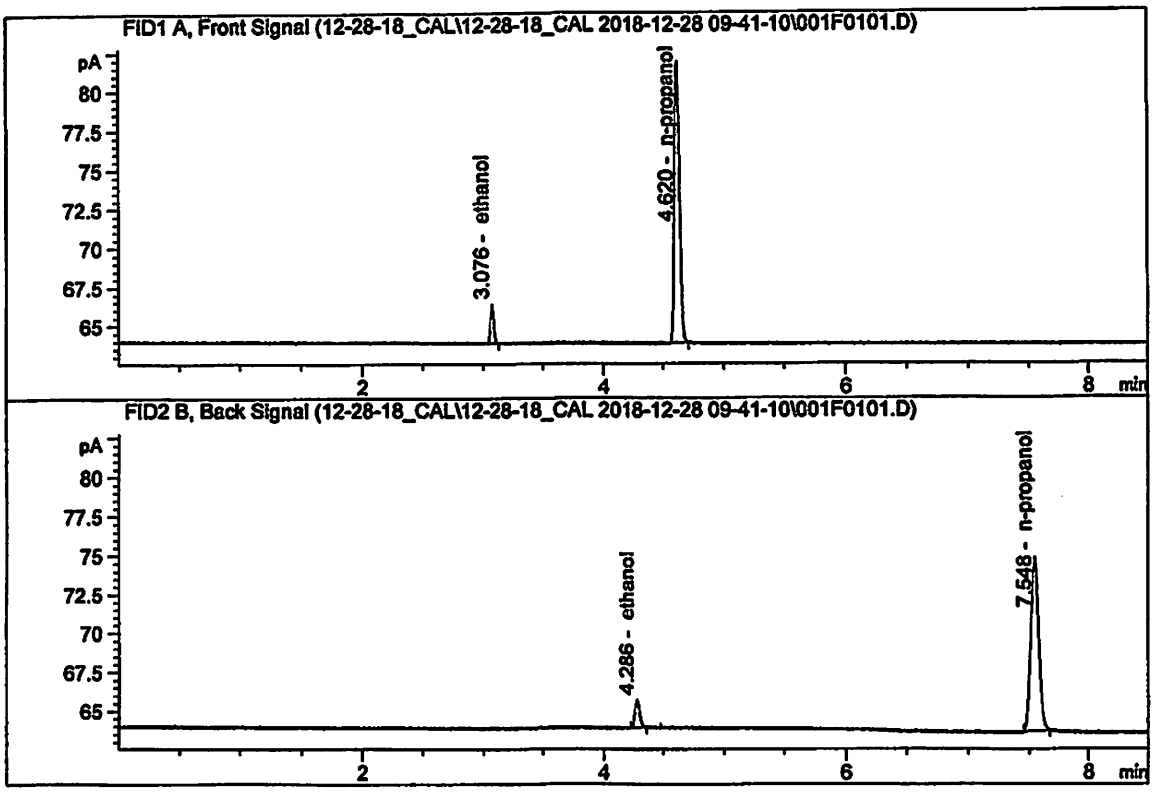
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN04271601
Laboratory : Meridian
Injection Date : Dec 28, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.65589	0.0503	g/100cc
2.	Ethanol	Column 2:	4.79970	0.0517	g/100cc
3.	n-Propanol	Column 1:	50.97479	1.0000	g/100cc
4.	n-Propanol	Column 2:	53.18661	1.0000	g/100cc

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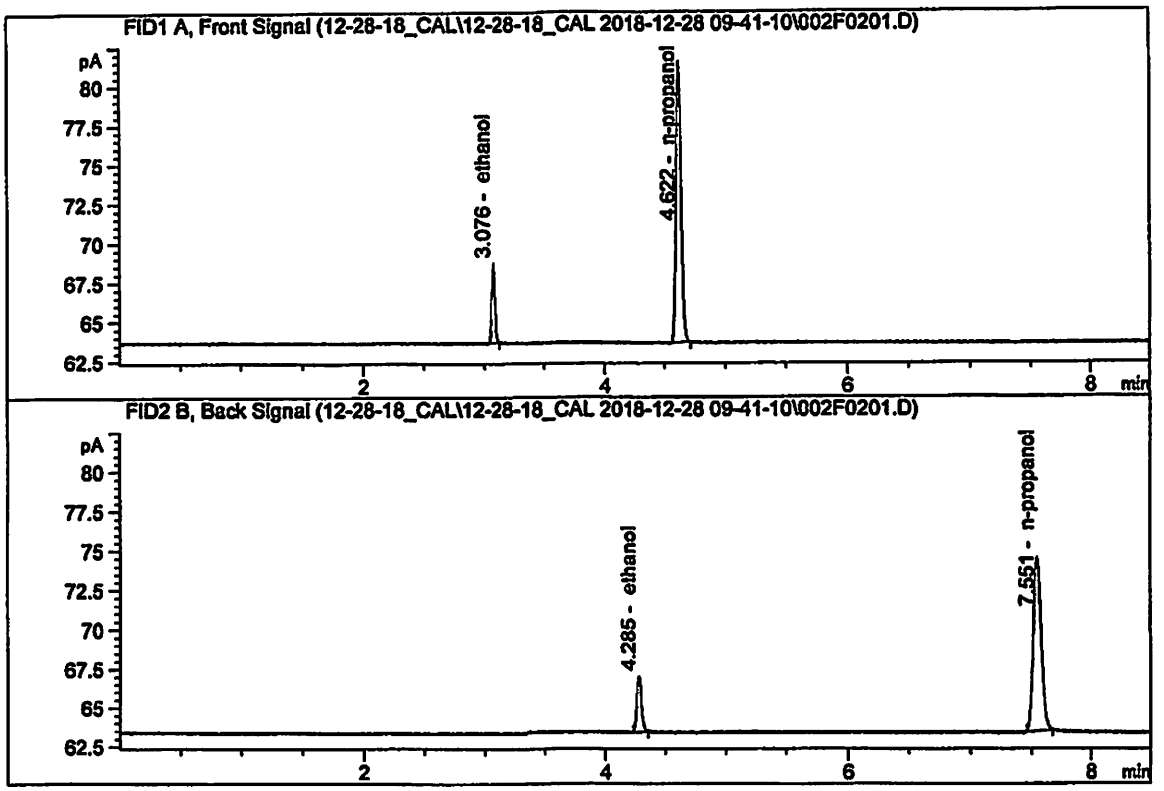
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN08101601
Laboratory : Meridian
Injection Date : Dec 28, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.22056	0.0999	g/100cc
2.	Ethanol	Column 2:	9.51344	0.0994	g/100cc
3.	n-Propanol	Column 1:	50.60676	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.82743	1.0000	g/100cc

JG

rklist: 2871

CASE	ITEM	TASK ID	DESCRIPTION
ı18-6286	1	135268	Alcohol Analysis
)18-6287	1	135269	Alcohol Analysis
)18-6292	1	135322	Alcohol Analysis
)18-6293	1	135323	Alcohol Analysis
)18-6305	1	135368	Alcohol Analysis
)18-6332	1	135467	Alcohol Analysis
018-6333	1	135468	Alcohol Analysis
018-6334	1	135469	Alcohol Analysis
018-6335	1	135473	Alcohol Analysis
.018-6336	1	135474	Alcohol Analysis
:018-6341	1	135536	Alcohol Analysis
:018-6342	1	135540	Alcohol Analysis
2018-6343	1	135541	Alcohol Analysis
2018-6344	1	135555	Alcohol Analysis
2018-6344	2	135559	Alcohol Analysis
2018-6353	1	135585	Alcohol Analysis
2018-6357	1	135622	Alcohol Analysis
2018-6370	1	135748	Alcohol Analysis
2018-6371	1	135749	Alcohol Analysis

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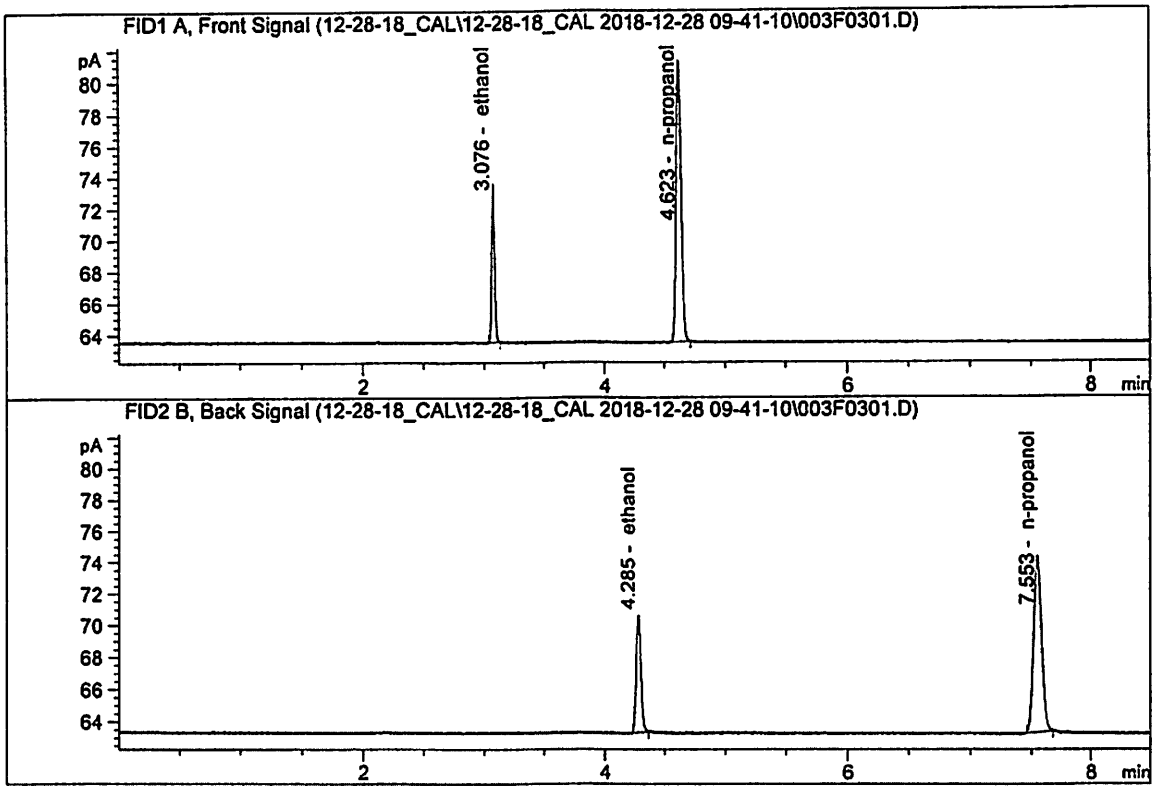
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN03301601
Laboratory : Meridian
Injection Date : Dec 28, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.40607	0.1997	g/100cc
2.	Ethanol	Column 2:	19.22630	0.1985	g/100cc
3.	n-Propanol	Column 1:	50.41838	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.39926	1.0000	g/100cc

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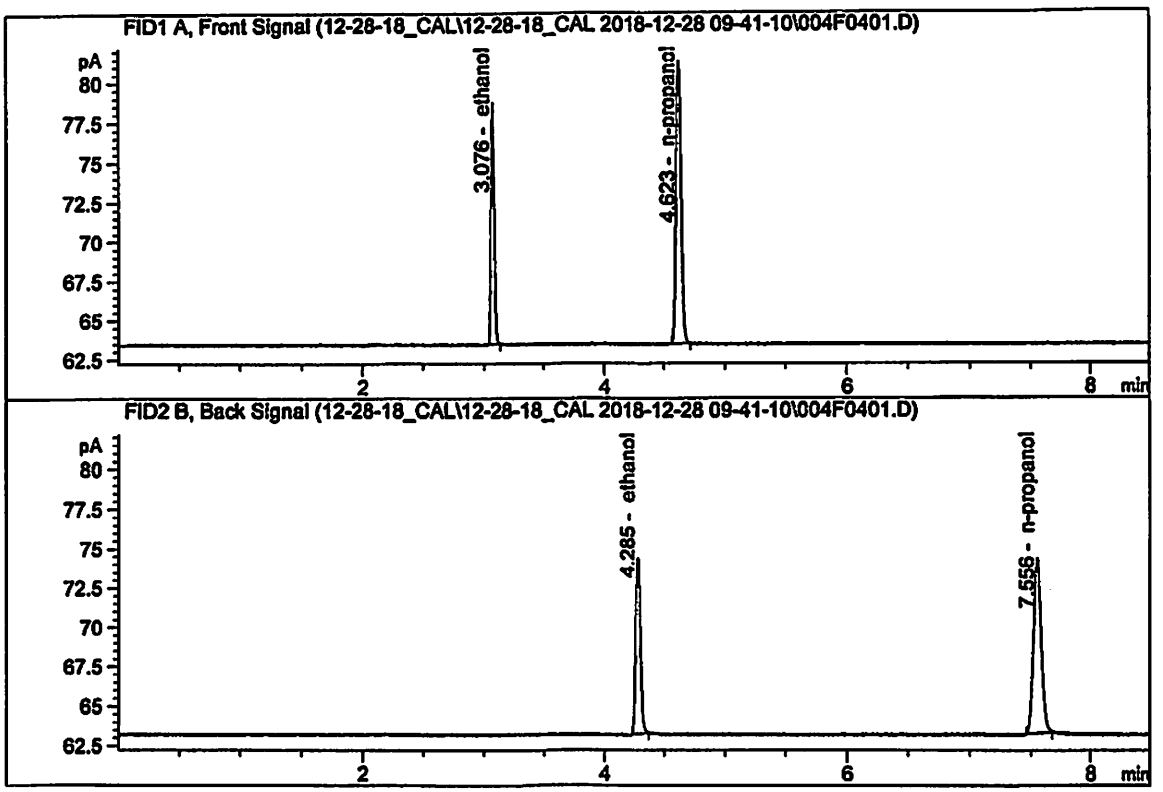
ISP Forensic Services Blood Alcohol Report

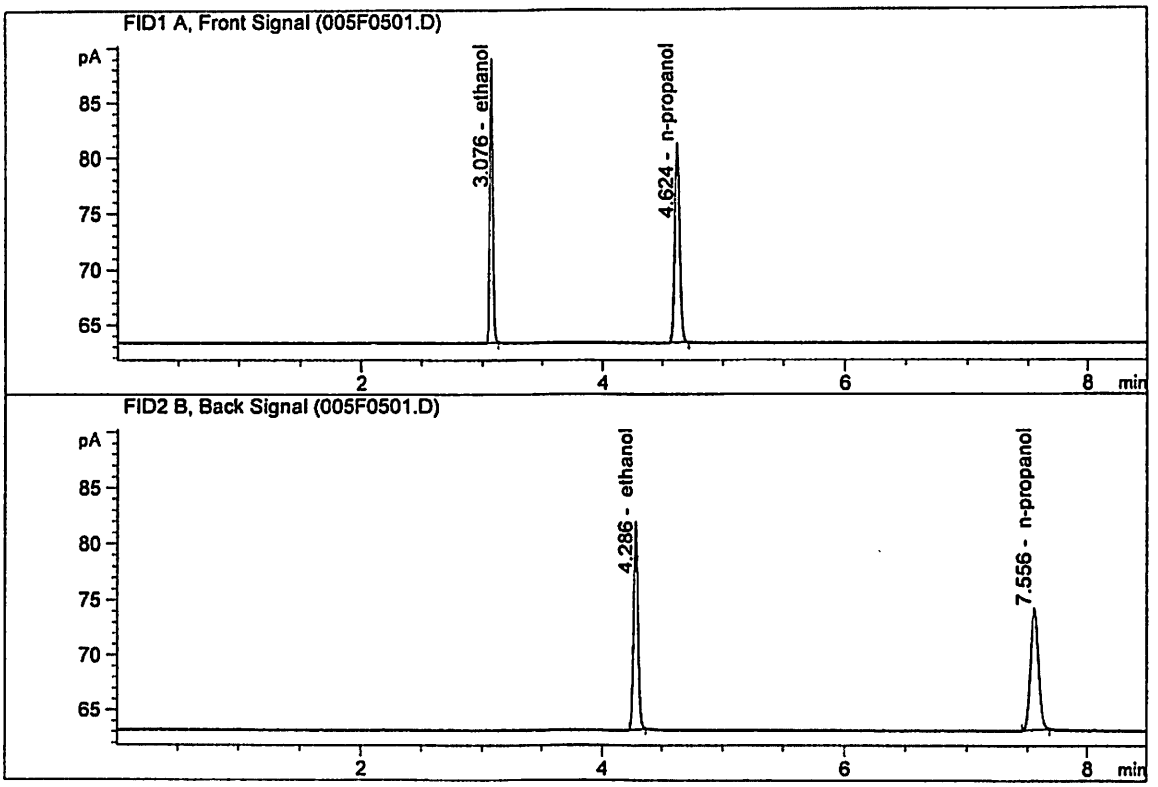
Sample Name : 0.300 FN06051501
Laboratory : Meridian
Injection Date : Dec 28, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.87200	0.3001	g/100cc
2.	Ethanol	Column 2:	29.31839	0.2998	g/100cc
3.	n-Propanol	Column 1:	50.76781	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.58273	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602
Laboratory : Meridian
Injection Date : Dec 28, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.52290	0.5001	g/100cc
2.	Ethanol	Column 2:	49.27648	0.5007	g/100cc
3.	n-Propanol	Column 1:	50.82323	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.64596	1.0000	g/100cc

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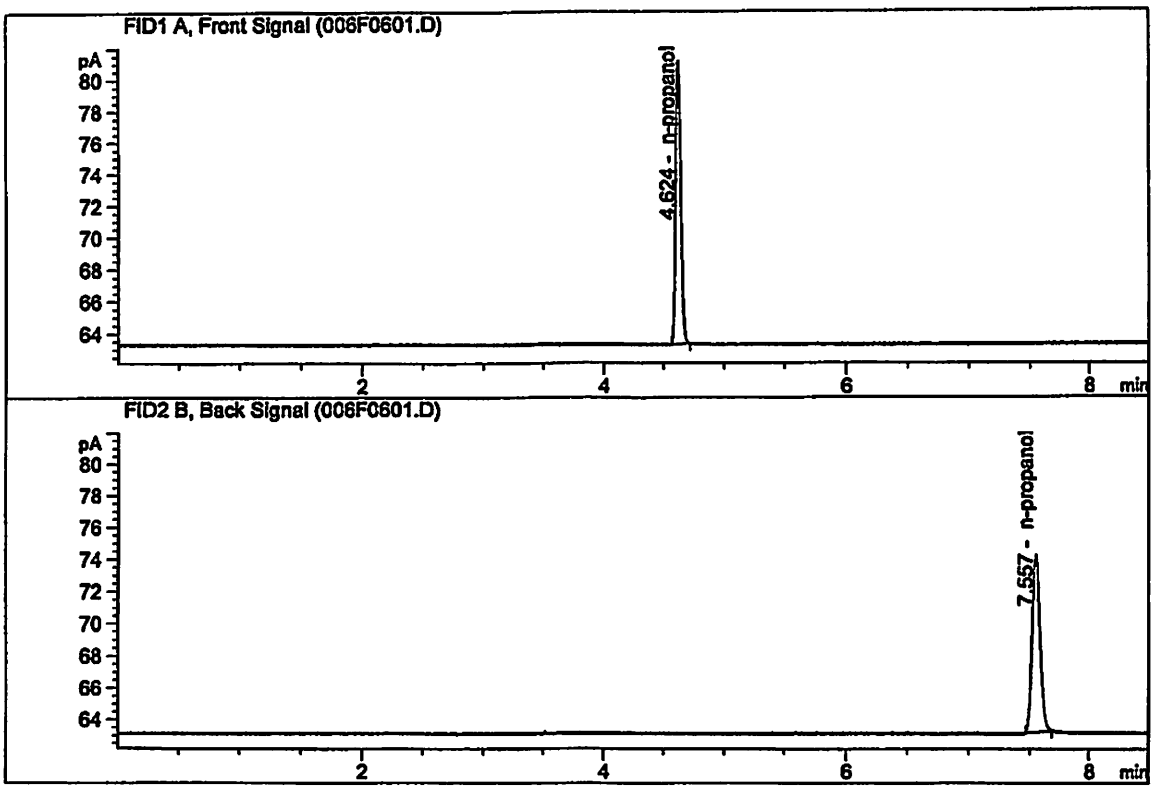
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Dec 28, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	50.80370	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.55082	1.0000	g/100cc

Sequence File C:\Chem32\1\Data\12-28-18_CAL\12-28-18_CAL 2018-12-28 09-41-10\12-28-18_CAL.S

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

Sequence table: C:\Chem32\1\Data\12-28-18_CAL\12-28-18_CAL 2018-12-28 09-41-10\12-28-18_CAL.S
Data directory path: C:\Chem32\1\Data\12-28-18_CAL\12-28-18_CAL 2018-12-28 09-41-10\
Logbook: C:\Chem32\1\Data\12-28-18_CAL\12-28-18_CAL 2018-12-28 09-41-10\12-28-18_CAL.LOG
Sequence start: 12/28/2018 9:55:48 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

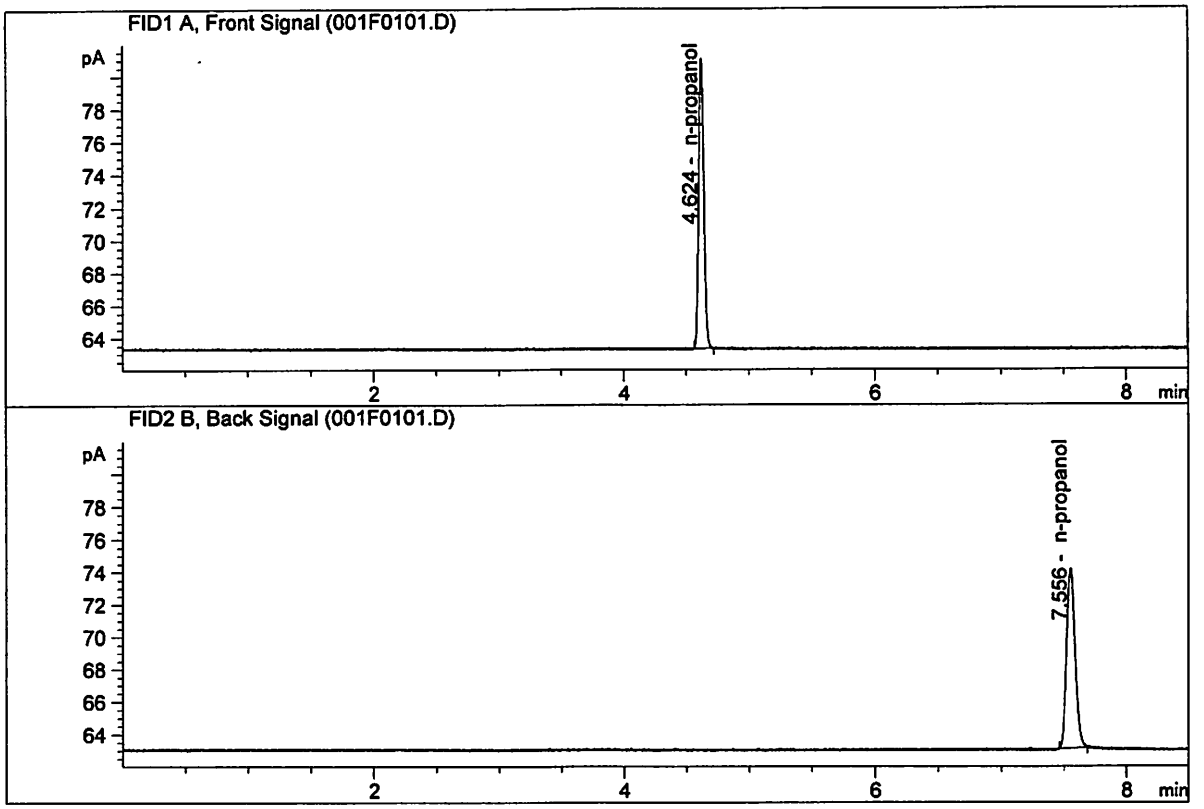
Method file name: C:\Chem32\1\Data\12-28-18_CAL\12-28-18_CAL 2018-12-28 09-41-10\ALCOHOL.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.050 FN04271601	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN08101601	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN03301601	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN06051501	-	1.0000	004F0401.D	*	4
5	5	1	0.500 FN08031602	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

JC

ISP Forensic Services Blood Alcohol Report

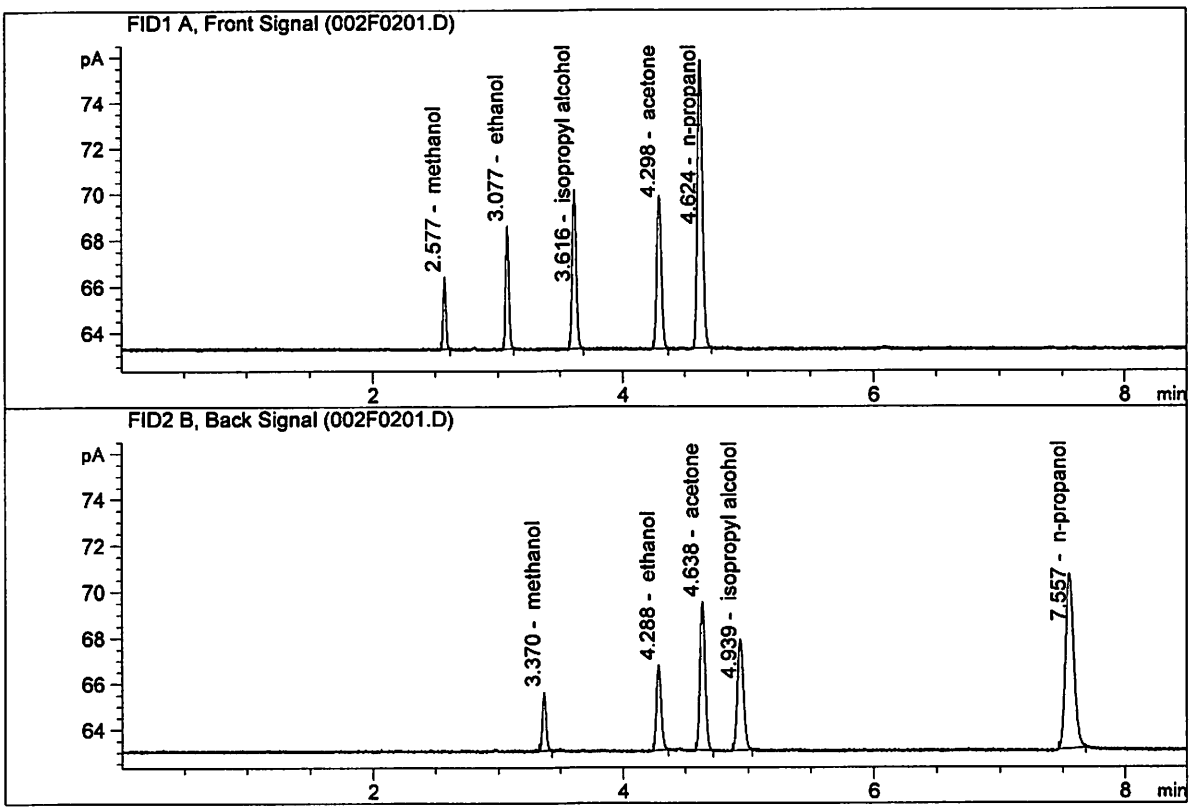
Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	50.27884	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.81089	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.45793	0.1465	g/100cc
2.	Ethanol	Column 2:	9.79012	0.1468	g/100cc
3.	n-Propanol	Column 1:	35.34716	1.0000	g/100cc
4.	n-Propanol	Column 2:	36.34455	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 03 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0764	0.0768	0.0004	0.0766	0.0766
(g/100cc)	0.0767	0.0768	0.0001	0.0767	

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
0.076	0.072	0.080	0.004

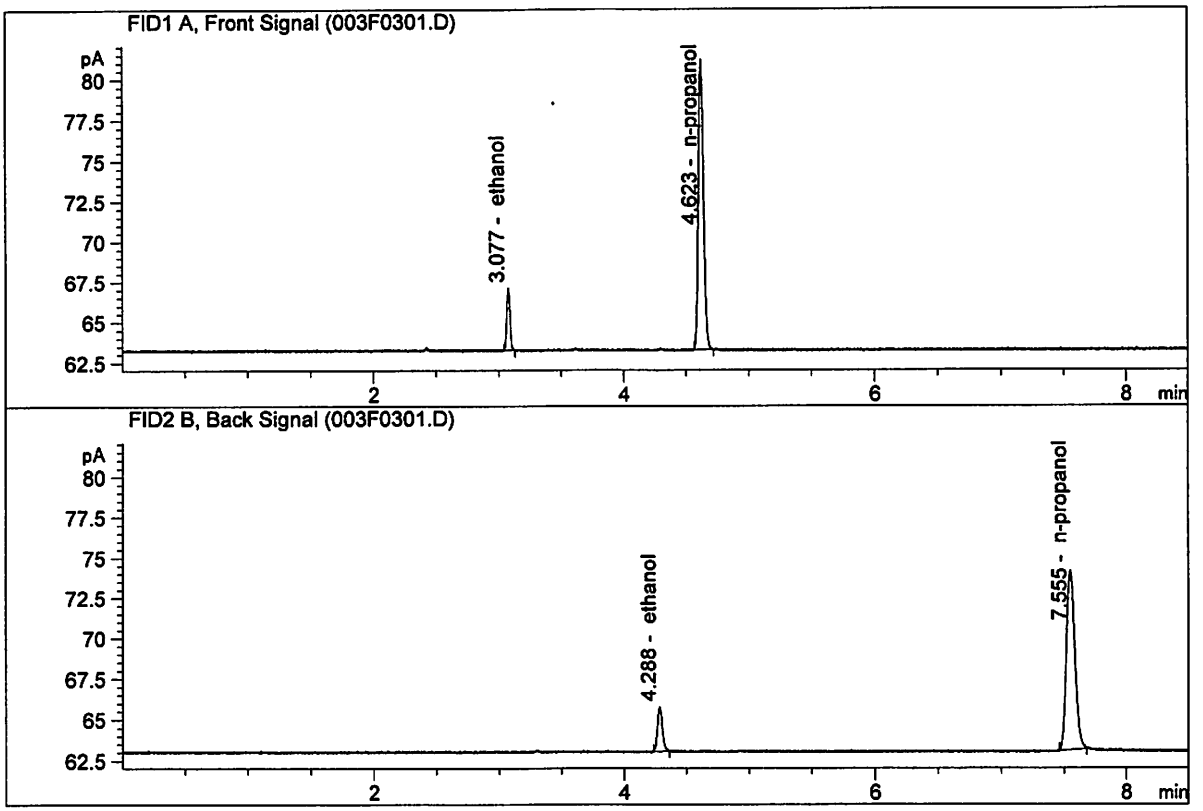
Reported Result

0.076

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

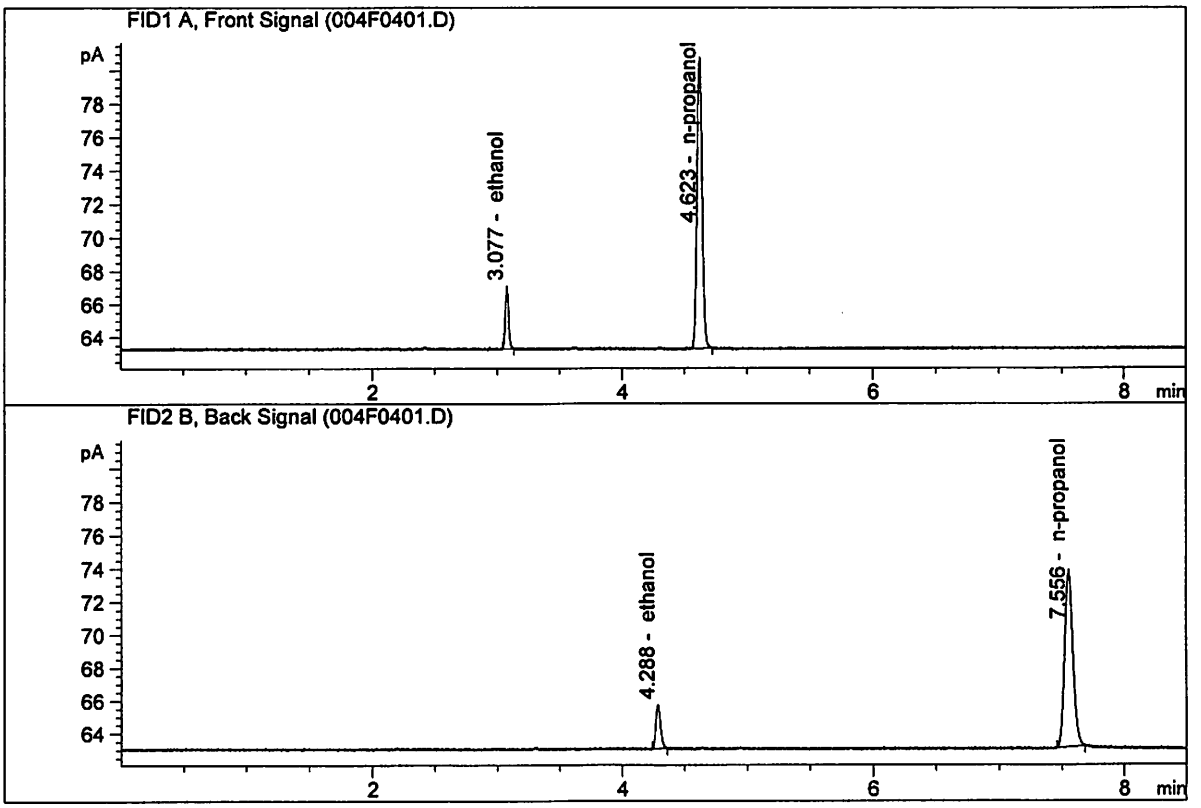
Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.06916	0.0764	g/100cc
2.	Ethanol	Column 2:	7.24283	0.0768	g/100cc
3.	n-Propanol	Column 1:	50.79280	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.63606	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.96314	0.0767	g/100cc
2.	Ethanol	Column 2:	7.07136	0.0768	g/100cc
3.	n-Propanol	Column 1:	49.82960	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.35616	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 03 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0794	0.0792	0.0002	0.0793	0.0794
(g/100cc)	0.0794	0.0796	0.0002	0.0795	

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

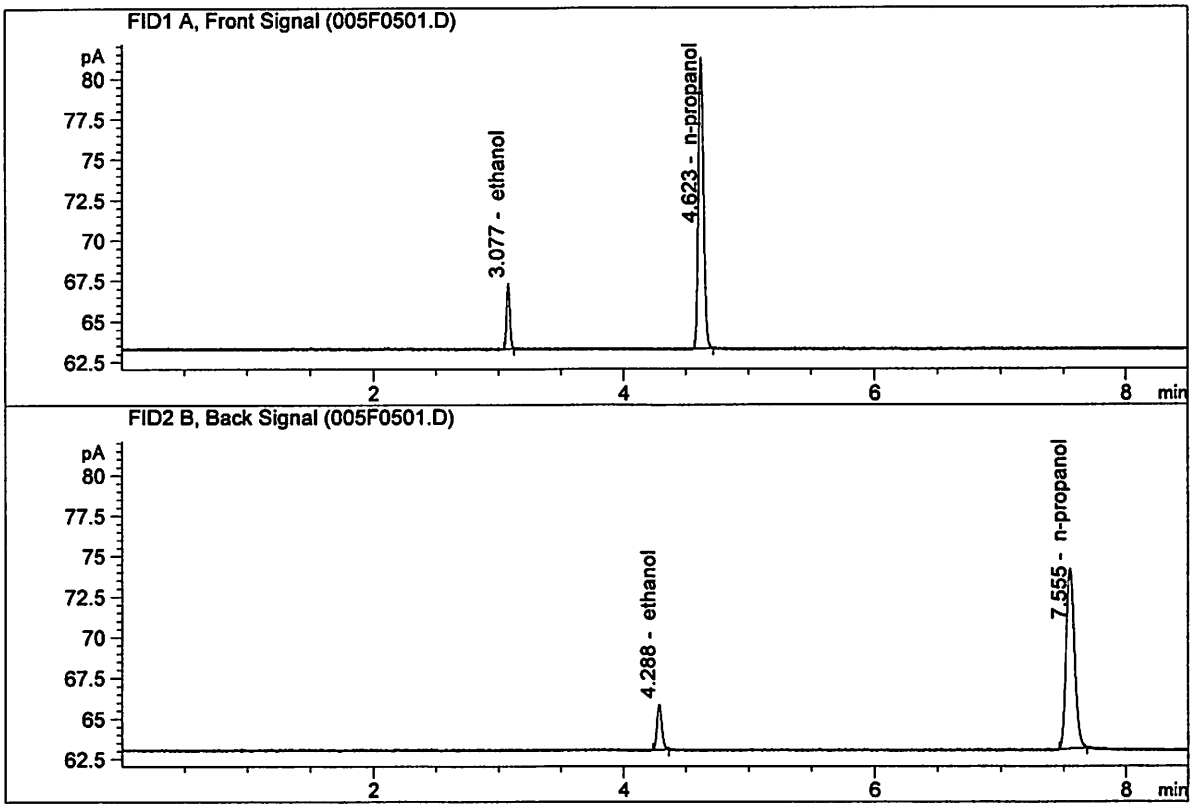
Reported Result

0.079

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

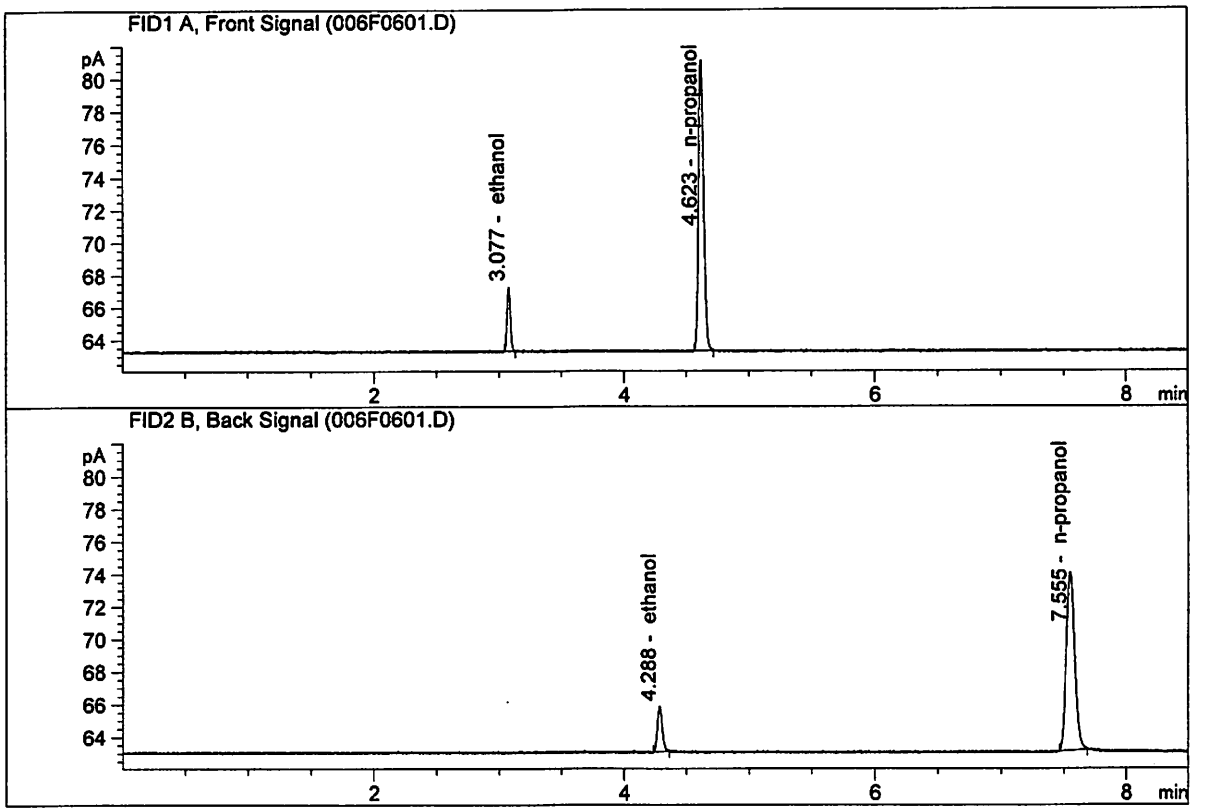
Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.37878	0.0794	g/100cc
2.	Ethanol	Column 2:	7.49828	0.0792	g/100cc
3.	n-Propanol	Column 1:	50.98643	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.76067	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.32582	0.0794	g/100cc
2.	Ethanol	Column 2:	7.45491	0.0796	g/100cc
3.	n-Propanol	Column 1:	50.62740	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.19531	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 03 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.2001	0.2000	0.0001	0.2000	0.1997
(g/100cc)	0.1989	0.1999	0.0010	0.1994	

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

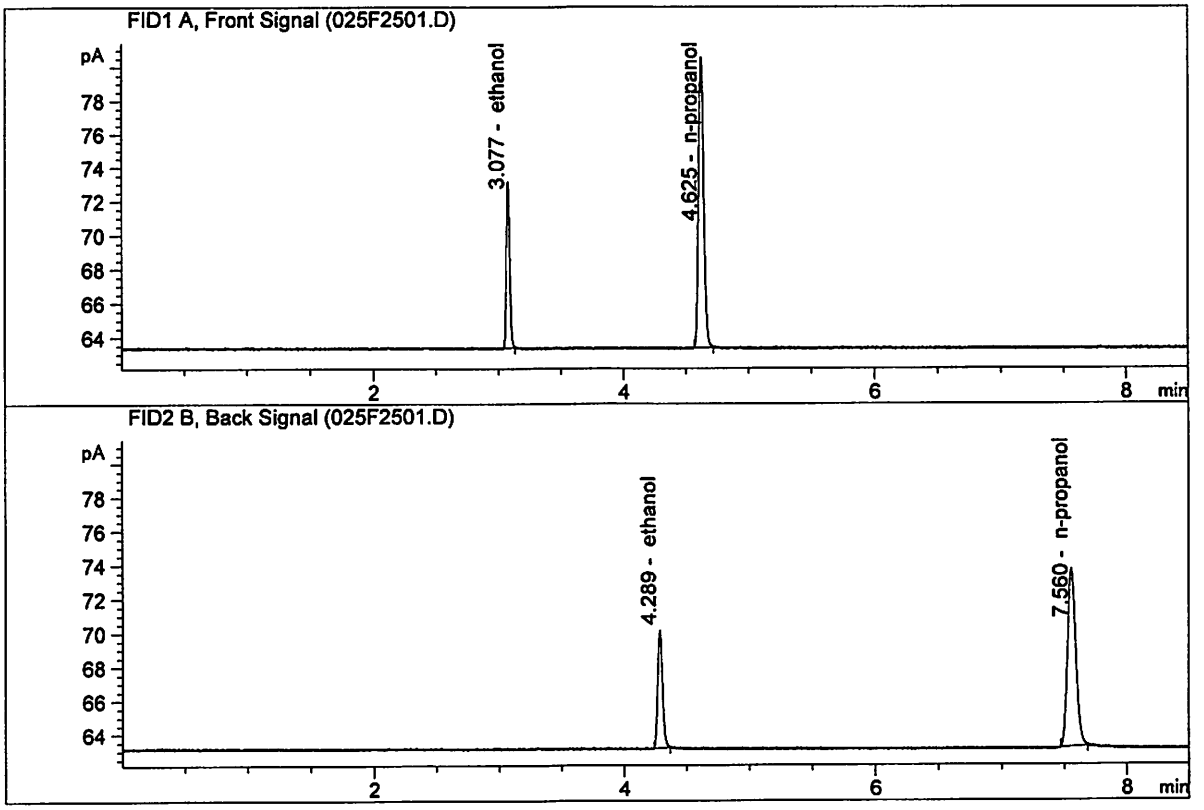
0.199

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

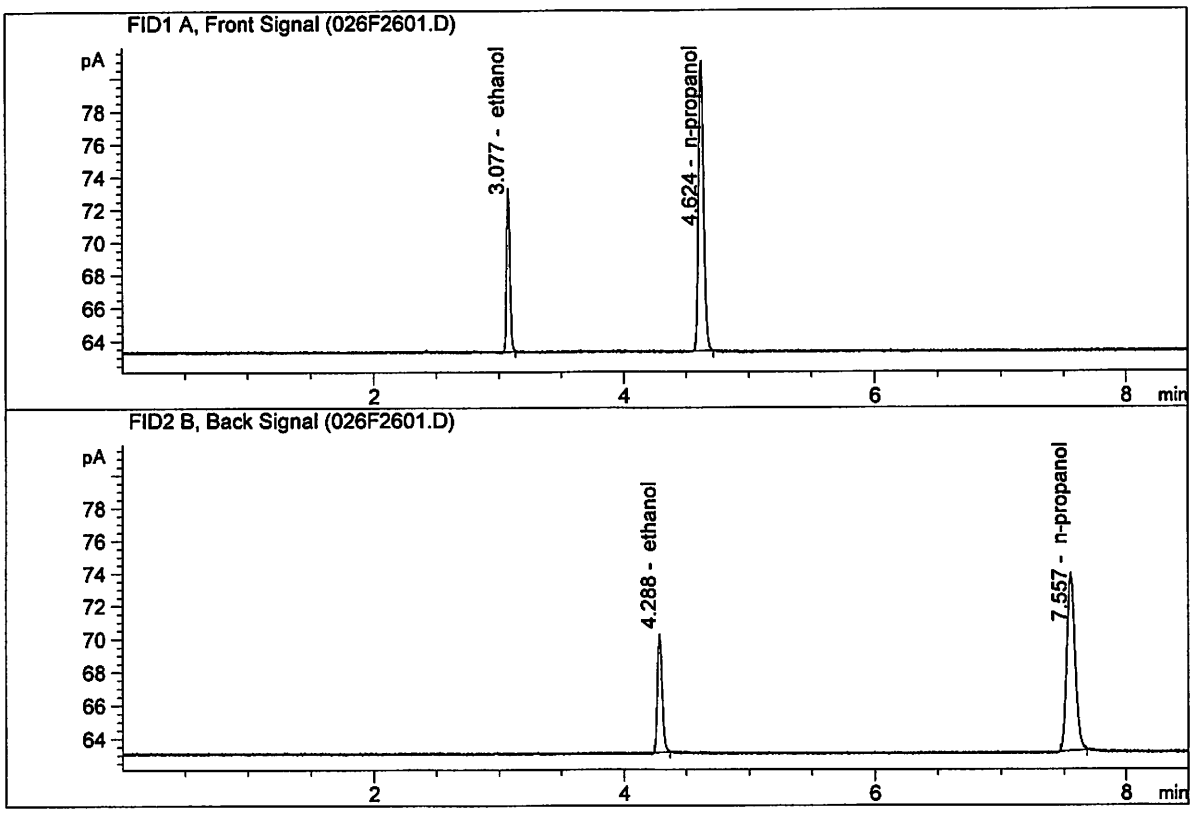
Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.88075	0.2001	g/100cc
2.	Ethanol	Column 2:	18.50715	0.2000	g/100cc
3.	n-Propanol	Column 1:	48.86908	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.06075	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.18141	0.1989	g/100cc
2.	Ethanol	Column 2:	18.93056	0.1999	g/100cc
3.	n-Propanol	Column 1:	50.01324	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.22433	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 03 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0803	0.0799	0.0004	0.0801	0.0805	
(g/100cc)	0.0802	0.0816	0.0014	0.0809		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number: ML600HC11378

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	**0.076**	**0.084**	**0.004**

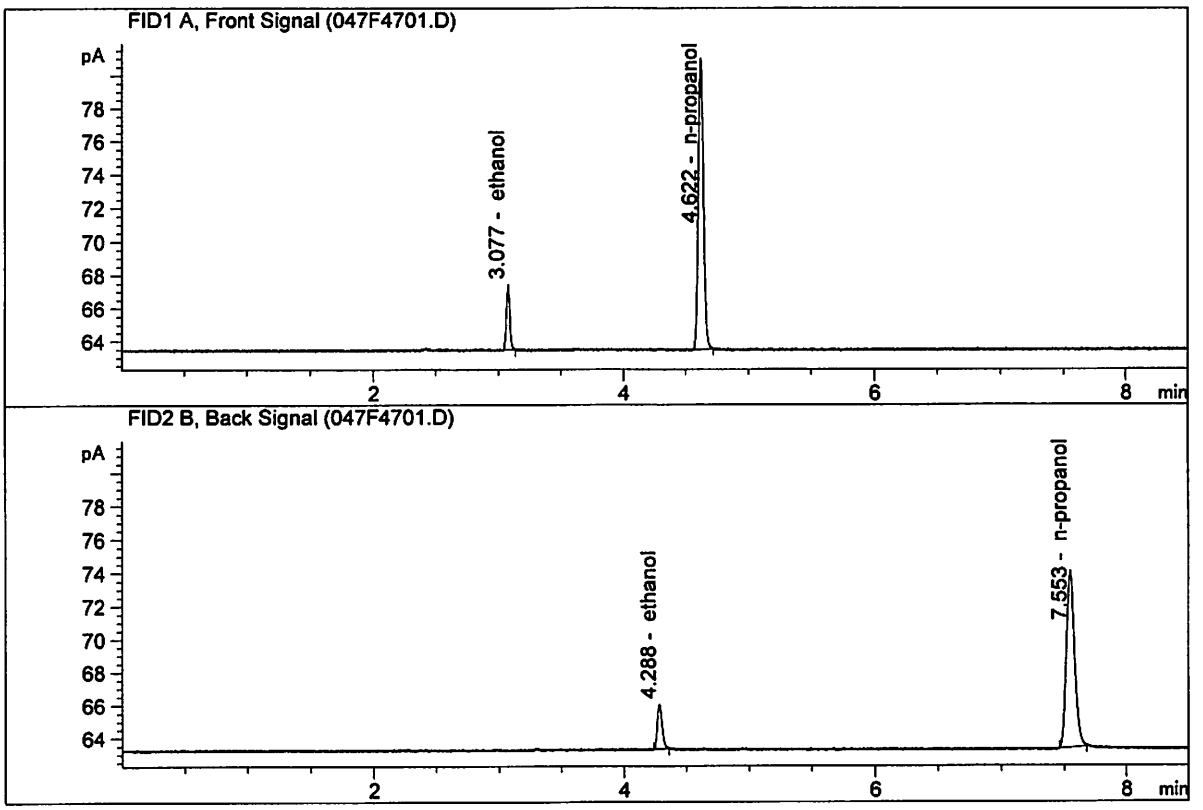
Reported Result

0.080

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

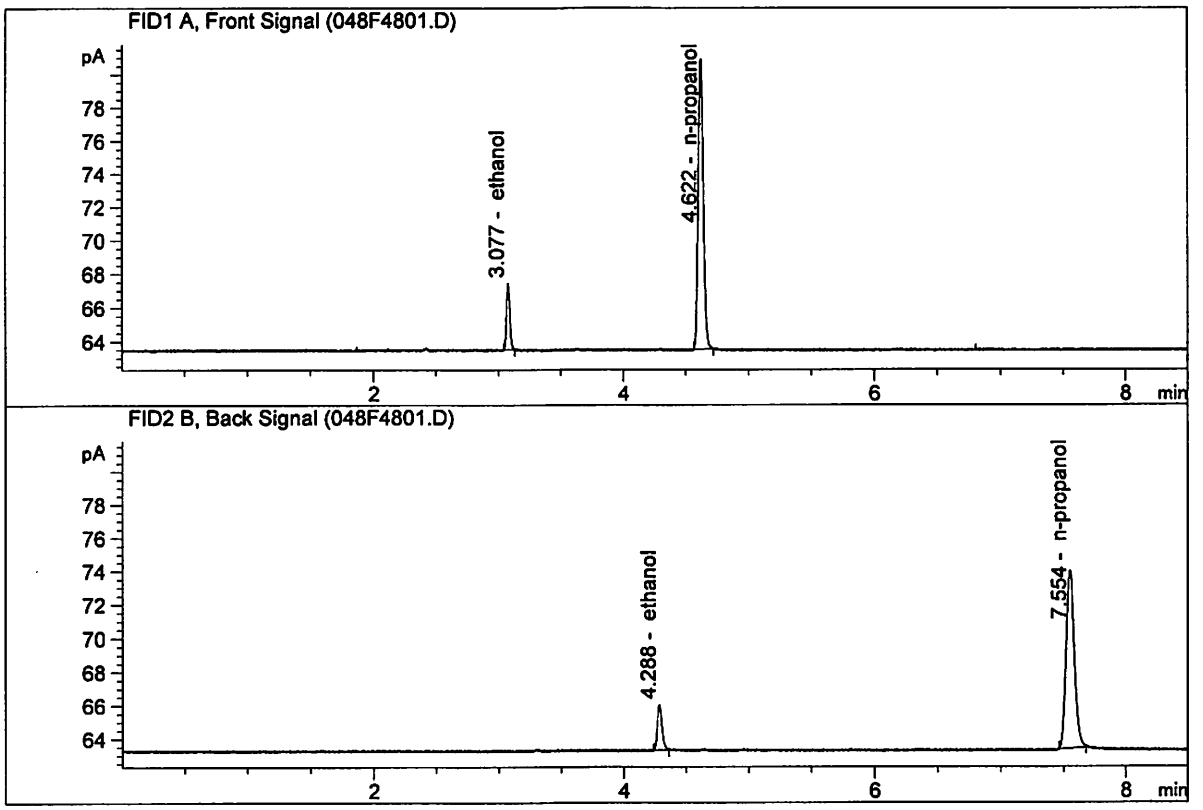
Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.28553	0.0803	g/100cc
2.	Ethanol	Column 2:	7.31217	0.0799	g/100cc
3.	n-Propanol	Column 1:	49.79507	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.96816	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

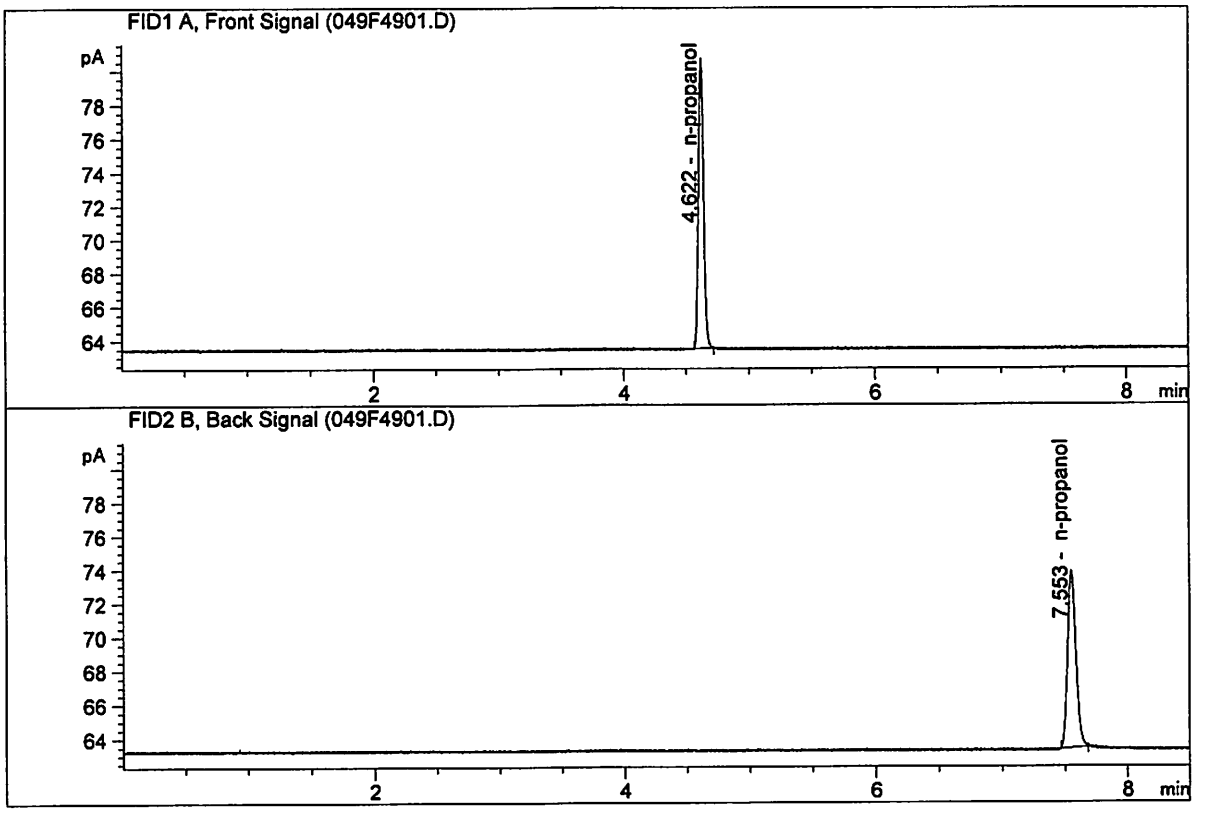
Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.24242	0.0802	g/100cc
2.	Ethanol	Column 2:	7.43920	0.0816	g/100cc
3.	n-Propanol	Column 1:	49.55219	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.71789	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

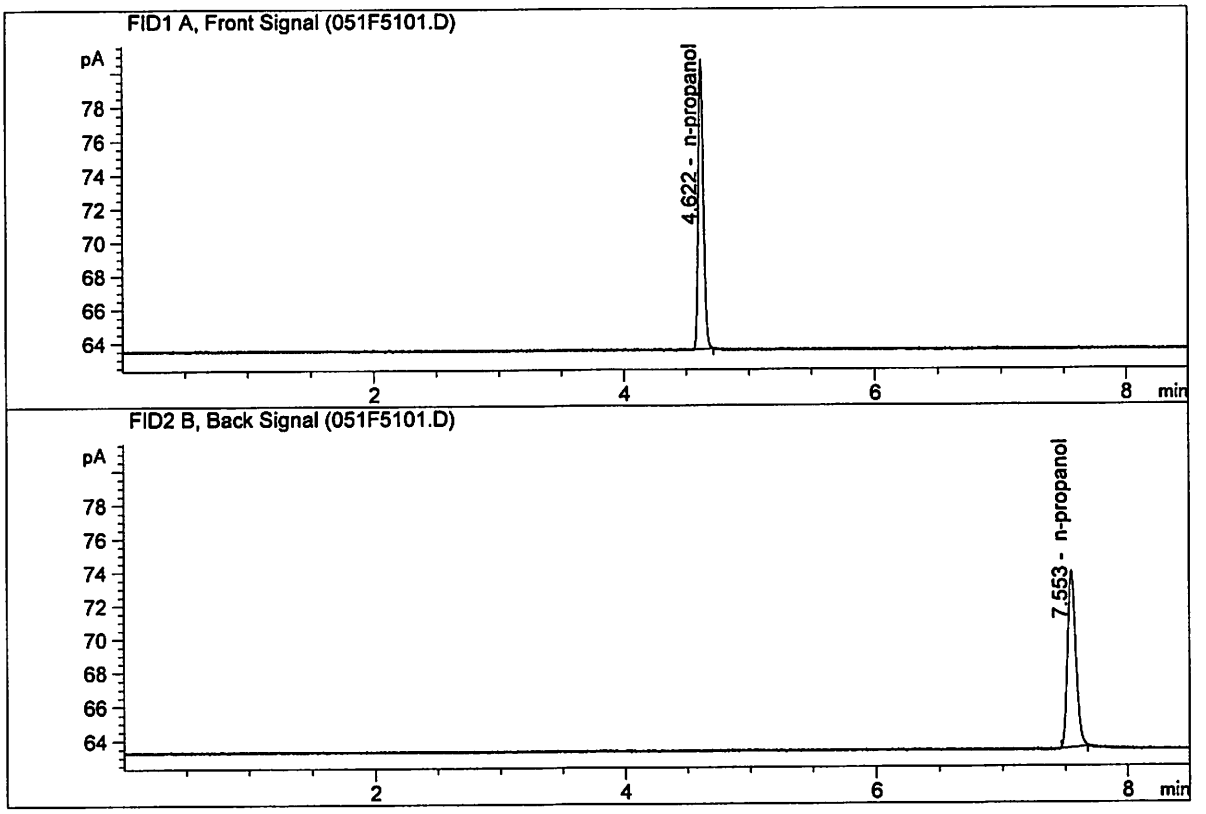


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	48.87542	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.95541	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

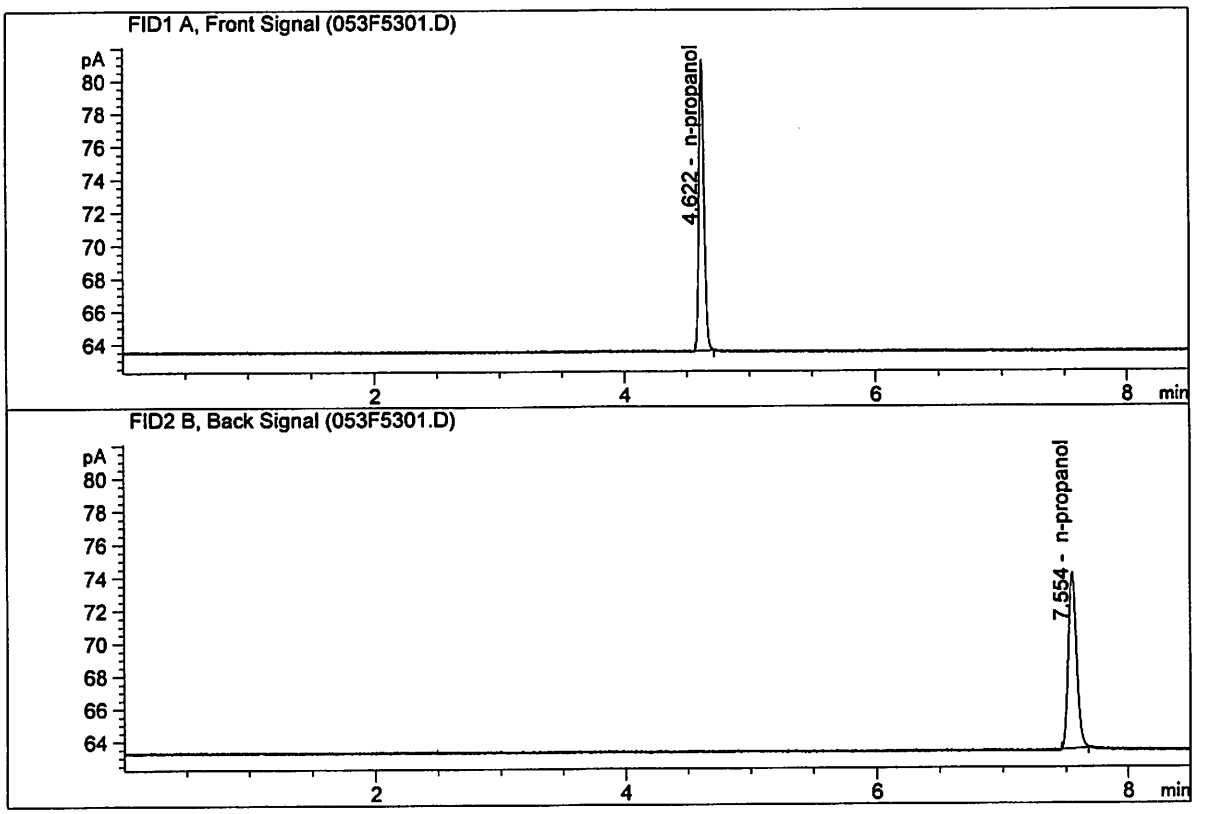


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	48.78611	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.90349	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	50.05279	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.26625	1.0000	g/100cc

Sequence File C:\Chem32\...8_SAMPLES\01-03-19_SAMPLES 2019-01-03 11-47-37\01-03-19_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\12-28-18_SAMPLES\01-03-19_SAMPLES 2019-01-03 11-47-37\01-03-19_SAMPLES.S
Data directory path: C:\Chem32\1\Data\12-28-18_SAMPLES\01-03-19_SAMPLES 2019-01-03 11-47-37\
Logbook: C:\Chem32\1\Data\12-28-18_SAMPLES\01-03-19_SAMPLES 2019-01-03 11-47-37\01-03-19_SAMPLES.LOG
Sequence start: 1/3/2019 12:02:28 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\12-28-18_SAMPLES\01-03-19_SAMPLES 2019-01-03 11-47-37\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	Cmp
1	1	1	INTERNAL STD BLK	-	1.0000	001F0101.D		2
2	2	1	MIX VOL FN060415	-	1.0000	002F0201.D		10
3	3	1	QC1-1-A	-	1.0000	003F0301.D		4
4	4	1	QC1-1-B	-	1.0000	004F0401.D		4
5	5	1	0.08 FN04171701-	-	1.0000	005F0501.D		4
6	6	1	0.08 FN04171701-	-	1.0000	006F0601.D		4
7	7	1	M2018-6286-1-A	-	1.0000	007F0701.D		2
8	8	1	M2018-6286-1-B	-	1.0000	008F0801.D		2
9	9	1	M2018-6287-1-A	-	1.0000	009F0901.D		4
10	10	1	M2018-6287-1-B	-	1.0000	010F1001.D		4
11	11	1	M2018-6292-1-A	-	1.0000	011F1101.D		4
12	12	1	M2018-6292-1-B	-	1.0000	012F1201.D		4
13	13	1	M2018-6293-1-A	-	1.0000	013F1301.D		4
14	14	1	M2018-6293-1-B	-	1.0000	014F1401.D		4
15	15	1	M2018-6305-1-A	-	1.0000	015F1501.D		4
16	16	1	M2018-6305-1-B	-	1.0000	016F1601.D		4
17	17	1	M2018-6332-1-A	-	1.0000	017F1701.D		4
18	18	1	M2018-6332-1-B	-	1.0000	018F1801.D		4
19	19	1	M2018-6333-1-A	-	1.0000	019F1901.D		4
20	20	1	M2018-6333-1-B	-	1.0000	020F2001.D		4
21	21	1	M2018-6334-1-A	-	1.0000	021F2101.D		4
22	22	1	M2018-6334-1-B	-	1.0000	022F2201.D		4
23	23	1	M2018-6335-1-A	-	1.0000	023F2301.D		4
24	24	1	M2018-6335-1-B	-	1.0000	024F2401.D		4
25	25	1	QC2-1-A	-	1.0000	025F2501.D		4
26	26	1	QC2-1-B	-	1.0000	026F2601.D		4
27	27	1	M2018-6336-1-A	-	1.0000	027F2701.D		4
28	28	1	M2018-6336-1-B	-	1.0000	028F2801.D		4
29	29	1	M2018-6341-1-A	-	1.0000	029F2901.D		2
30	30	1	M2018-6341-1-B	-	1.0000	030F3001.D		2
31	31	1	M2018-6342-1-A	-	1.0000	031F3101.D		4
32	32	1	M2018-6342-1-B	-	1.0000	032F3201.D		4
33	33	1	M2018-6343-1-A	-	1.0000	033F3301.D		2
34	34	1	M2018-6343-1-B	-	1.0000	034F3401.D		2
35	35	1	M2018-6344-1-A	-	1.0000	035F3501.D		2
36	36	1	M2018-6344-1-B	-	1.0000	036F3601.D		2
37	37	1	M2018-6344-2-A JG	-	1.0000	037F3701.D		2
38	38	1	M2018-~~6334-2-B~~ 6344-2-B	-	1.0000	038F3801.D		2
39	39	1	M2018-6353-1-A	-	1.0000	039F3901.D		4
40	40	1	M2018-6353-1-B	-	1.0000	040F4001.D		6
41	41	1	M2018-6357-1-A	-	1.0000	041F4101.D		4
42	42	1	M2018-6357-1-B	-	1.0000	042F4201.D		4
43	43	1	M2018-6370-1-A	-	1.0000	043F4301.D		4

Sequence File C:\Chem32\...8_SAMPLES\01-03-19_SAMPLES 2019-01-03 11-47-37\01-03-19_SAMPLES.S

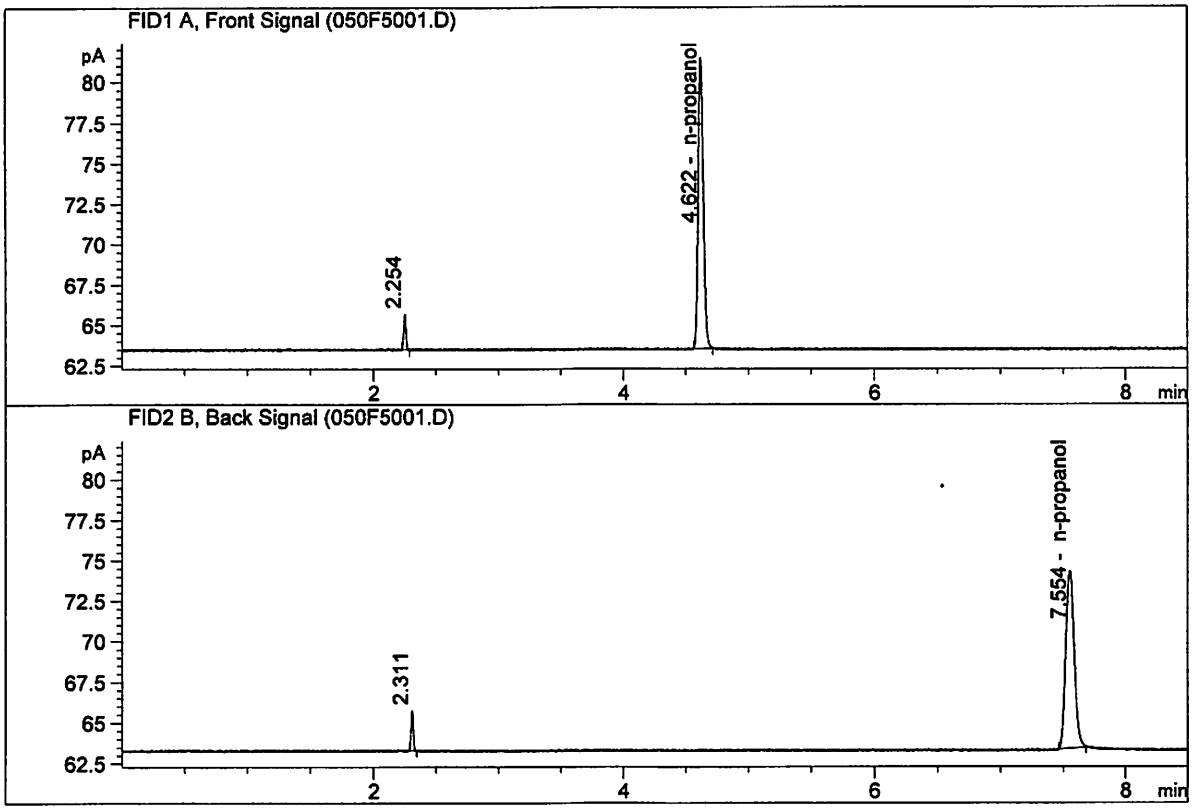
Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2018-6370-1-B	-	1.0000	044F4401.D	4
45	45	1	M2018-6371-1-A	-	1.0000	045F4501.D	4
46	46	1	M2018-6371-1-B	-	1.0000	046F4601.D	4
47	47	1	QC1-2-A	-	1.0000	047F4701.D	4
48	48	1	QC1-2-B	-	1.0000	048F4801.D	4
49	49	1	INTERNAL STD BLK	-	1.0000	049F4901.D	2
50	50	1	TFE 111914	-	1.0000	050F5001.D	2
51	51	1	INTERNAL STD BLK	-	1.0000	051F5101.D	2
52	52	1	DFE 111914OM	-	1.0000	052F5201.D	2
53	53	1	INTERNAL STD BLK	-	1.0000	053F5301.D	2

Method file name: C:\Chem32\1\Data\12-28-18_SAMPLES\01-03-19_SAMPLES 2019-01-03 11-47-37\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
54	54	1	EMPTY	-	1.0000	054F5401.D	0

ISP Forensic Services Blood Alcohol Report

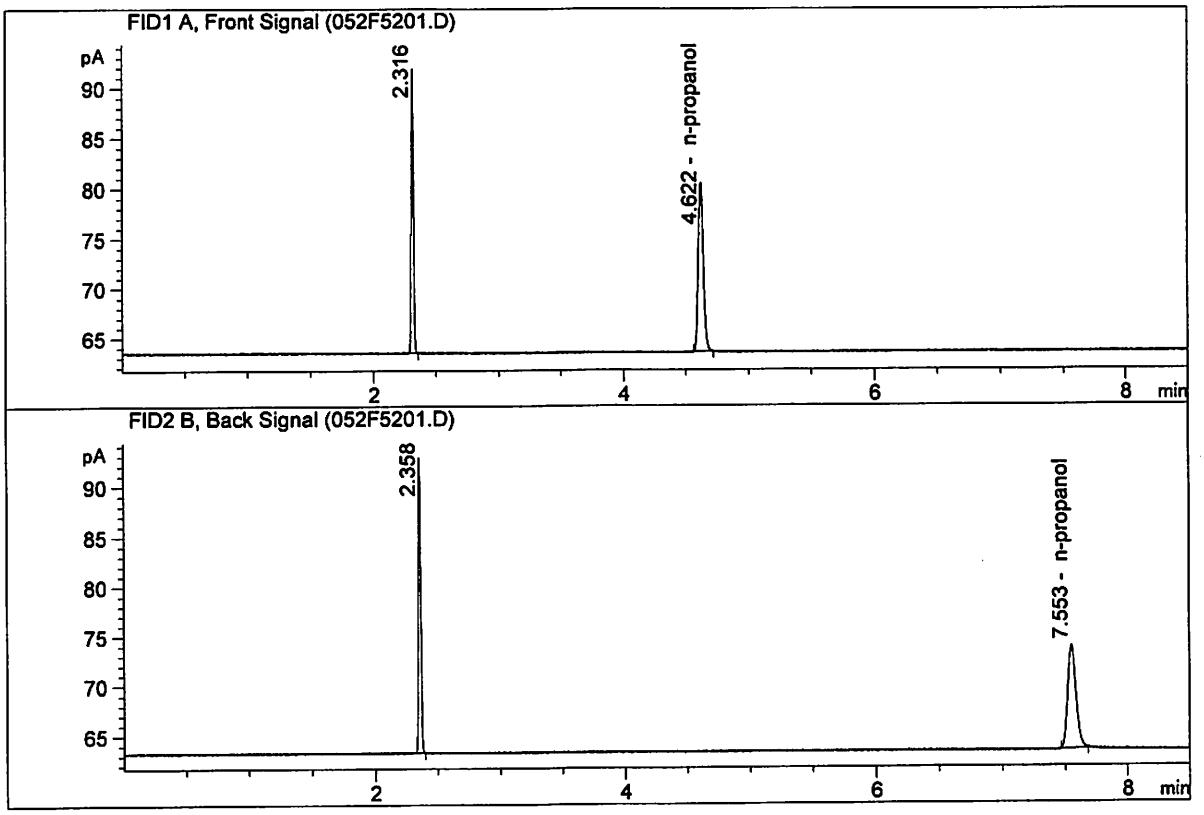
Sample Name : TFE 111914
Laboratory : Meridian
Injection Date : Jan 3, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	50.84813	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.00741	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : DFE 111914OM
Laboratory : Meridian
Injection Date : Jan 3, 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:	48.23257	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.41043	1.0000	g/100cc