

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 5034 Liquid Processor/Dilutor Serial Number:

Volatiles Quality Assurance Controls

Run Date(s): 04/19/2018

Calibration date(s): 04/19/2018

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702-0.0858	0.0762 g/100cc
					0.0803 g/100cc
					0.2000 g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818-0.2222	g/100cc
					g/100cc
					g/100cc
Multi-Component mixture:		Exp date: Sept 2020	Lot #	FN06041503	OK <input checked="" type="checkbox"/>
Curve Fit:		Column 1	0.99997	Column 2	0.99999

Ethanol Calibration Reference Material								
Calibrator level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
0.050	Jul-19	FN06231406	0.050	0.045 - 0.055	0.0491	0.0508	0.0017	0.0499
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.0992	0.0988	0.0004	0.099
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.2011	0.2003	0.0008	0.2007
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.3019	0.3002	0.0017	0.301
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.4987	0.4999	0.0012	0.4993

Aqueous Controls					
Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.078 g/100cc

Issued: 4/22/2015

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

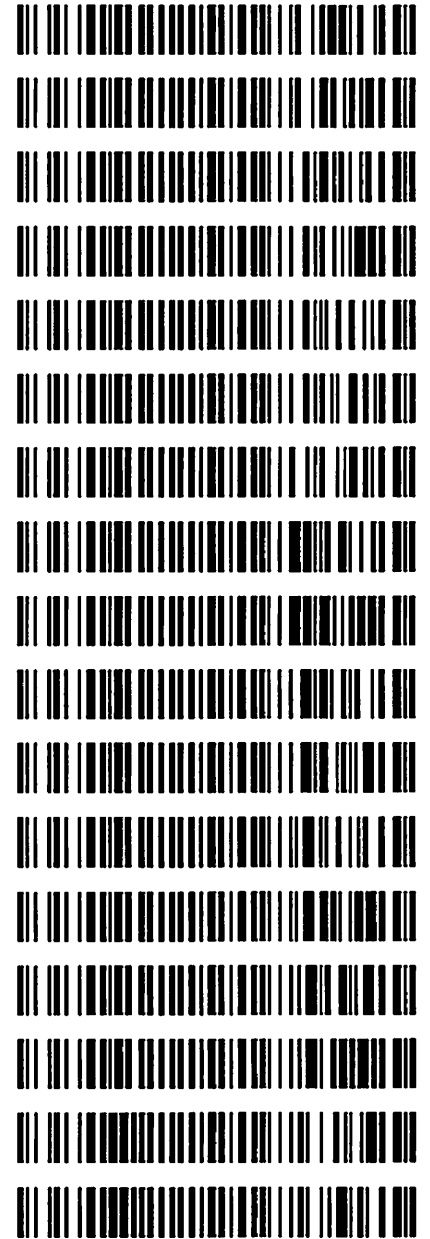
Volatiles QA/QC data spreadsheet Rev 5

Issuing Authority: Quality Manager

JK

Worklist: 2339

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
M2018-1452	2	112276	Alcohol Analysis
M2018-1772	1	112301	Alcohol Analysis
M2018-1841	1	112671	Alcohol Analysis
M2018-1842	1	112672	Alcohol Analysis
M2018-1843	1	112676	Alcohol Analysis
M2018-1863	1	112712	Alcohol Analysis
M2018-1872	1	112754	Alcohol Analysis
M2018-1878	1	112800	Alcohol Analysis
M2018-1890	1	112828	Alcohol Analysis
M2018-1905	1	112896	Alcohol Analysis
M2018-1906	1	112897	Alcohol Analysis
M2018-1927	1	112941	Alcohol Analysis
M2018-1938	1	112976	Alcohol Analysis
M2018-1968	1	113148	Alcohol Analysis
M2018-1969	1	113152	Alcohol Analysis
P2018-0930	3	112380	Alcohol Analysis
P2018-0932	3	112387	Alcohol Analysis



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 Calibration Table
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 General Calibration Setting

Calib. Data Modified : Thursday, April 19, 2018 11:15:46 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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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	4.38585	1.14003e-2	No	No 1	ethanol
		2	1.00000e-1	9.12098	1.09637e-2			
		3	2.00000e-1	18.25403	1.09565e-2			
		4	3.00000e-1	27.72746	1.08196e-2			
		5	5.00000e-1	45.41815	1.10088e-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	4.50643	1.10953e-2	No	No 2	ethanol
		2	1.00000e-1	9.37951	1.06615e-2			
		3	2.00000e-1	19.04826	1.04996e-2			
		4	3.00000e-1	28.96267	1.03582e-2			
		5	5.00000e-1	48.00736	1.04151e-2			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No 1	acetone
4.620	1	1	1.00000	46.90883	2.13179e-2	No	Yes 1	n-propanol
		2	1.00000	48.63686	2.05605e-2			
		3	1.00000	48.19497	2.07491e-2			
		4	1.00000	48.81654	2.04849e-2			
		5	1.00000	48.44892	2.06403e-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	48.69109	2.05376e-2	No	Yes 2	n-propanol
		2	1.00000	50.45834	1.98183e-2			
		3	1.00000	49.72454	2.01108e-2			
		4	1.00000	50.19022	1.99242e-2			
		5	1.00000	49.74758	2.01015e-2			

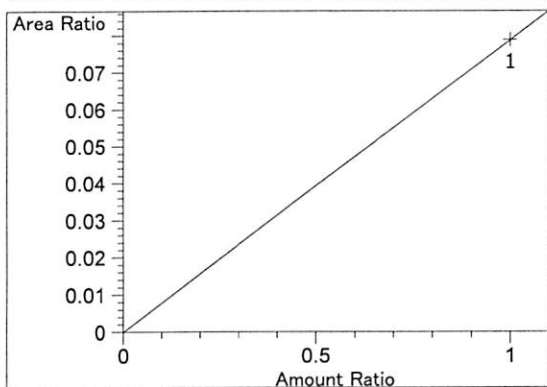
Peak Sum Table

No Entries in table

1 Warnings or Errors :

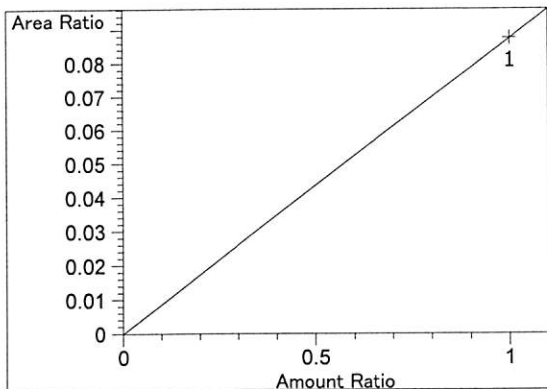
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

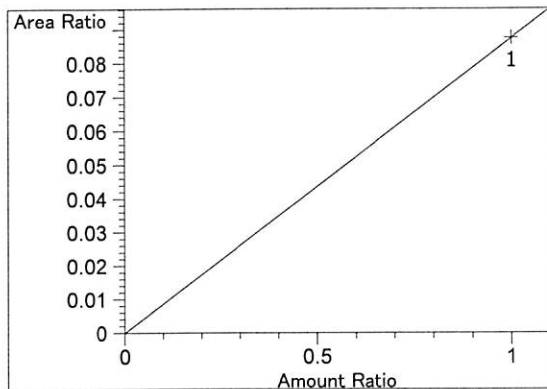


methanol at exp. RT: 2.586
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 7.88060e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

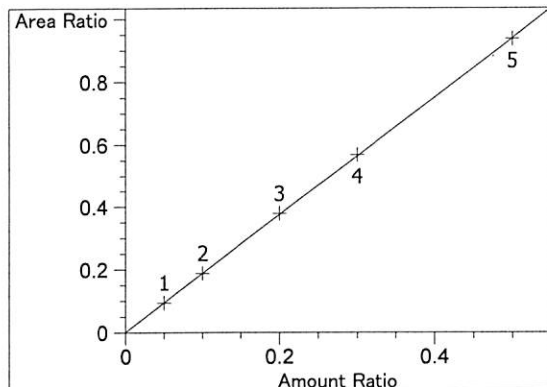
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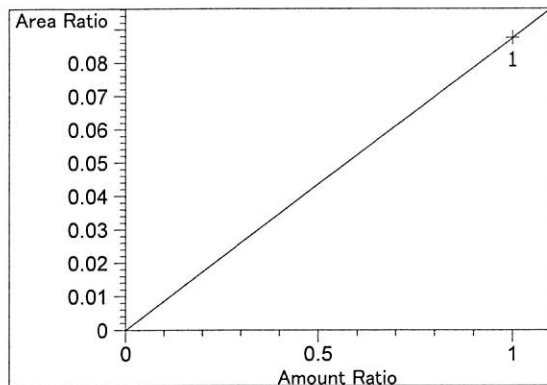
Acetaldehyde at exp. RT: 2.809
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: $8.75109e-2$
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio



Acetaldehyde at exp. RT: 2.977
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: $8.75109e-2$
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

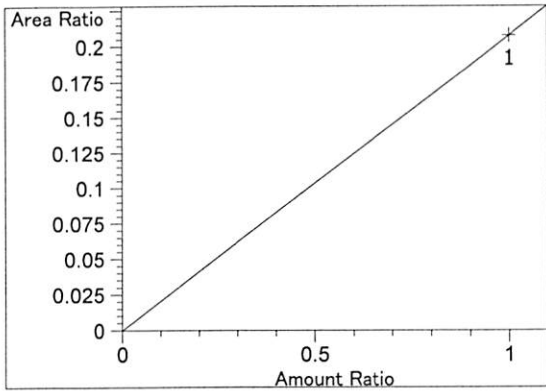


ethanol at exp. RT: 3.075
 FID1 A, Front Signal
 Correlation: 0.99997
 Residual Std. Dev.: 0.00303
 Formula: $y = mx + b$
 m: 1.87733
 b: $1.25855e-3$
 x: Amount Ratio
 y: Area Ratio

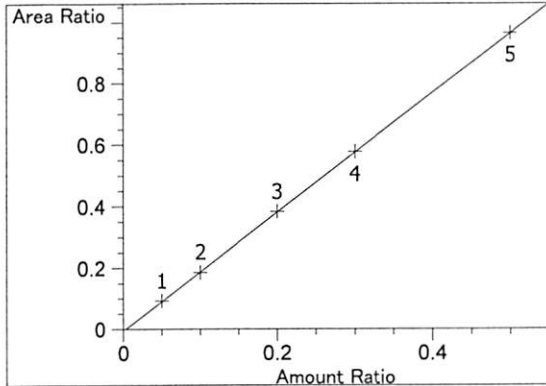


methanol at exp. RT: 3.388
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: $8.75032e-2$
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

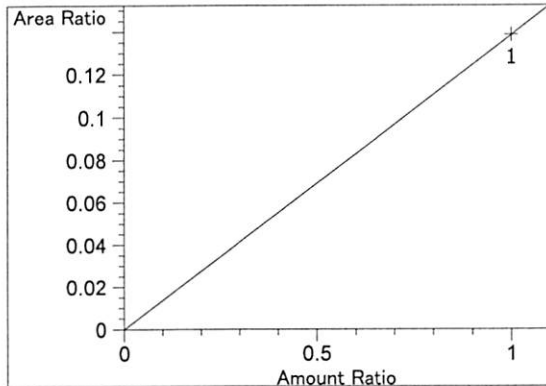
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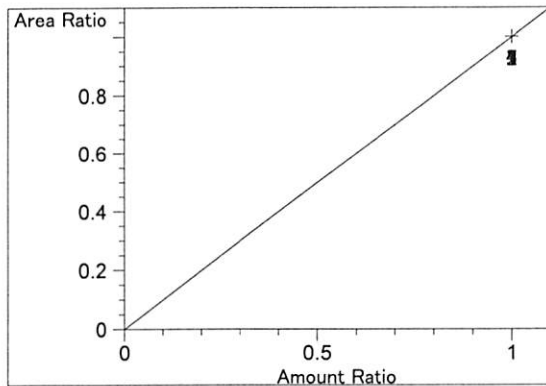
isopropyl alcohol at exp. RT: 3.628
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 2.07435e-1
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio



ethanol at exp. RT: 4.285
 FID2 B, Back Signal
 Correlation: 0.99999
 Residual Std. Dev.: 0.00164
 Formula: $y = mx + b$
 m: 1.94244
 b: -6.04341e-3
 x: Amount Ratio
 y: Area Ratio

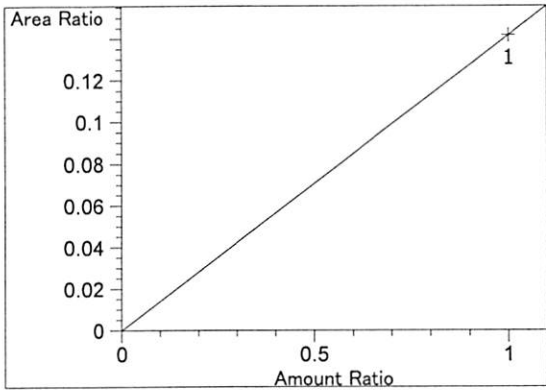


acetone at exp. RT: 4.308
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 1.38554e-1
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

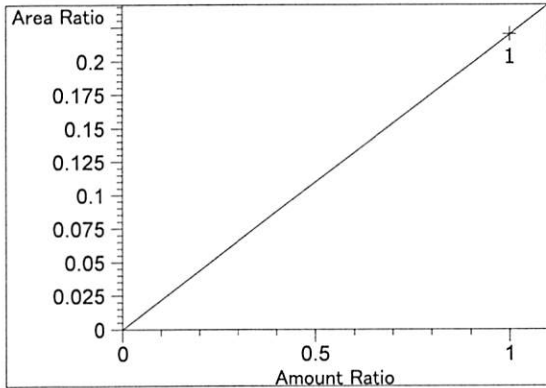


n-propanol at exp. RT: 4.620
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 1.00000
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

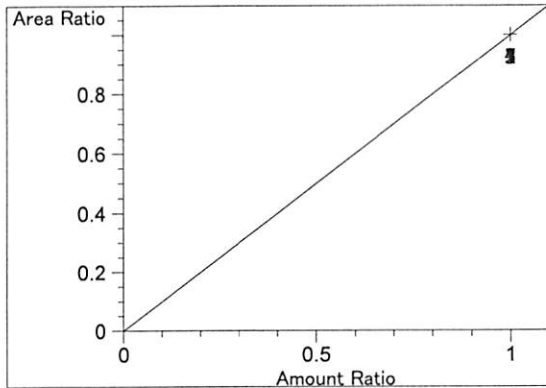
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acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.41566e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 2.19884e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



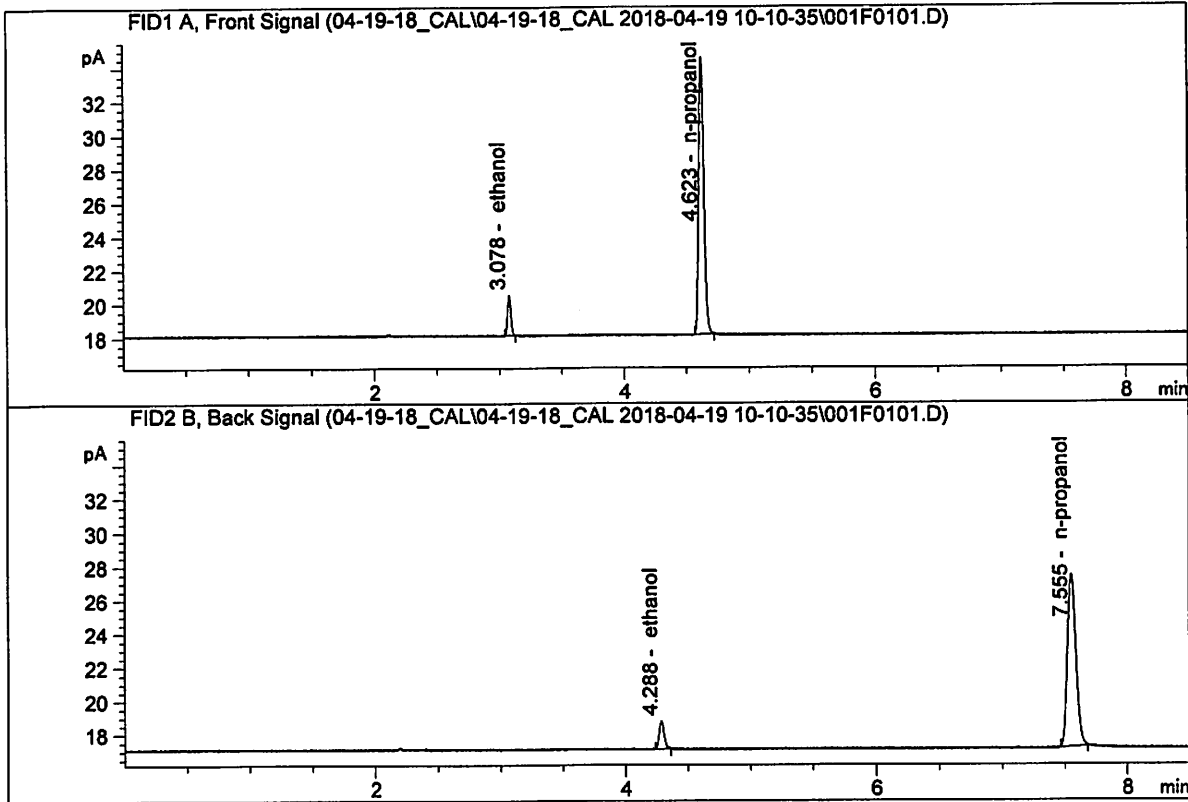
n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

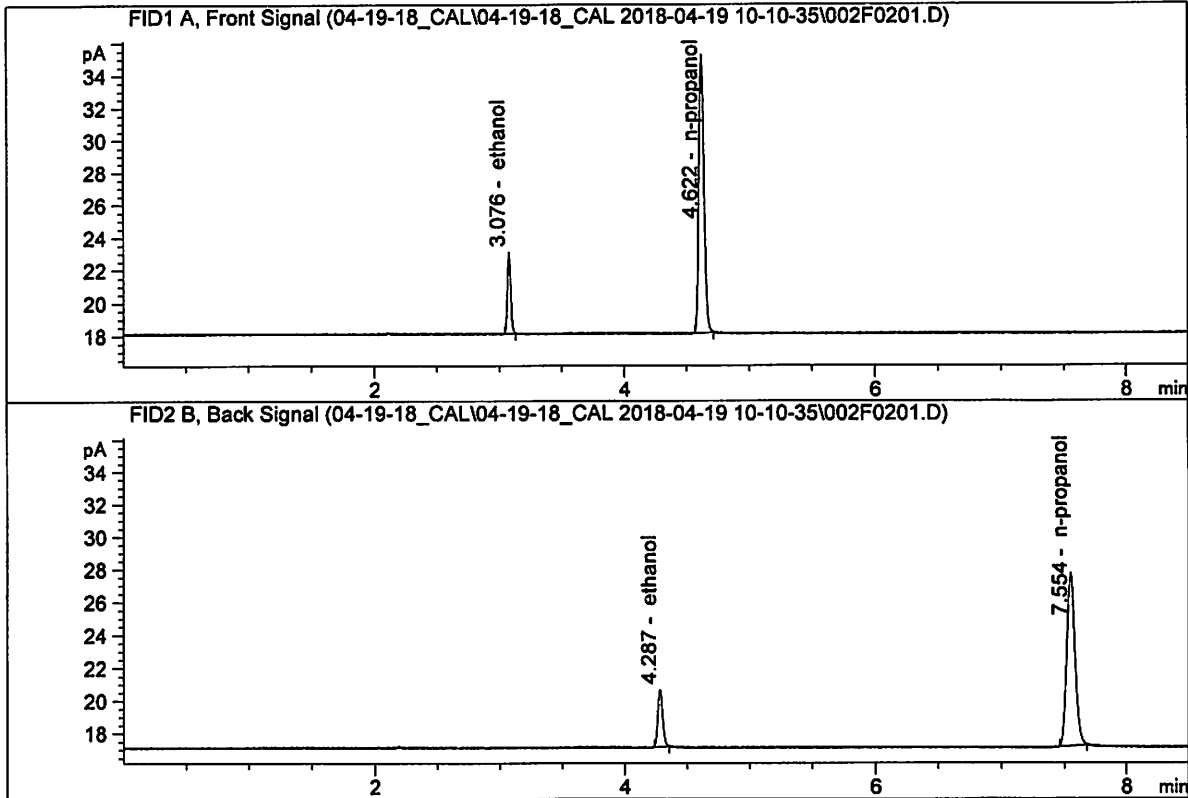


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.38585	0.0491	g/100cc
2.	Ethanol	Column 2:	4.50643	0.0508	g/100cc
3.	n-Propanol	Column 1:	46.90883	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.69109	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

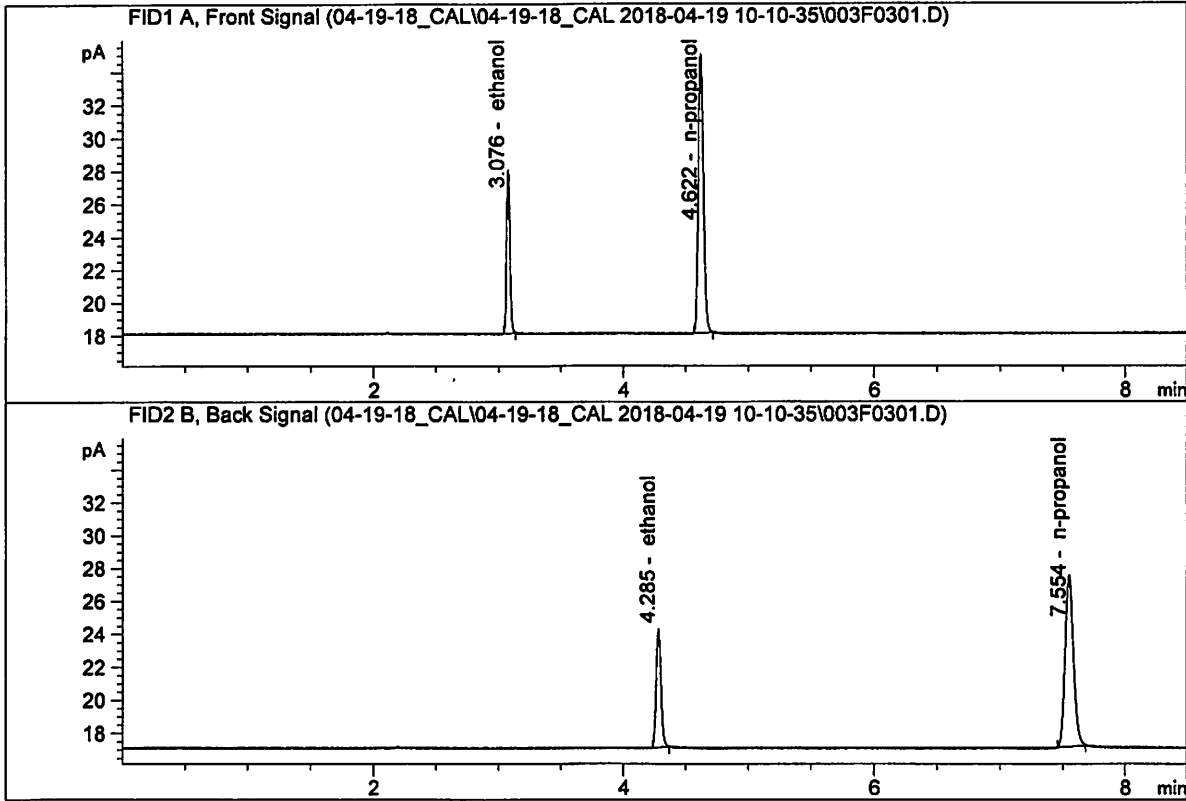


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.12098	0.0992	g/100cc
2.	Ethanol	Column 2:	9.37951	0.0988	g/100cc
3.	n-Propanol	Column 1:	48.63686	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.45834	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

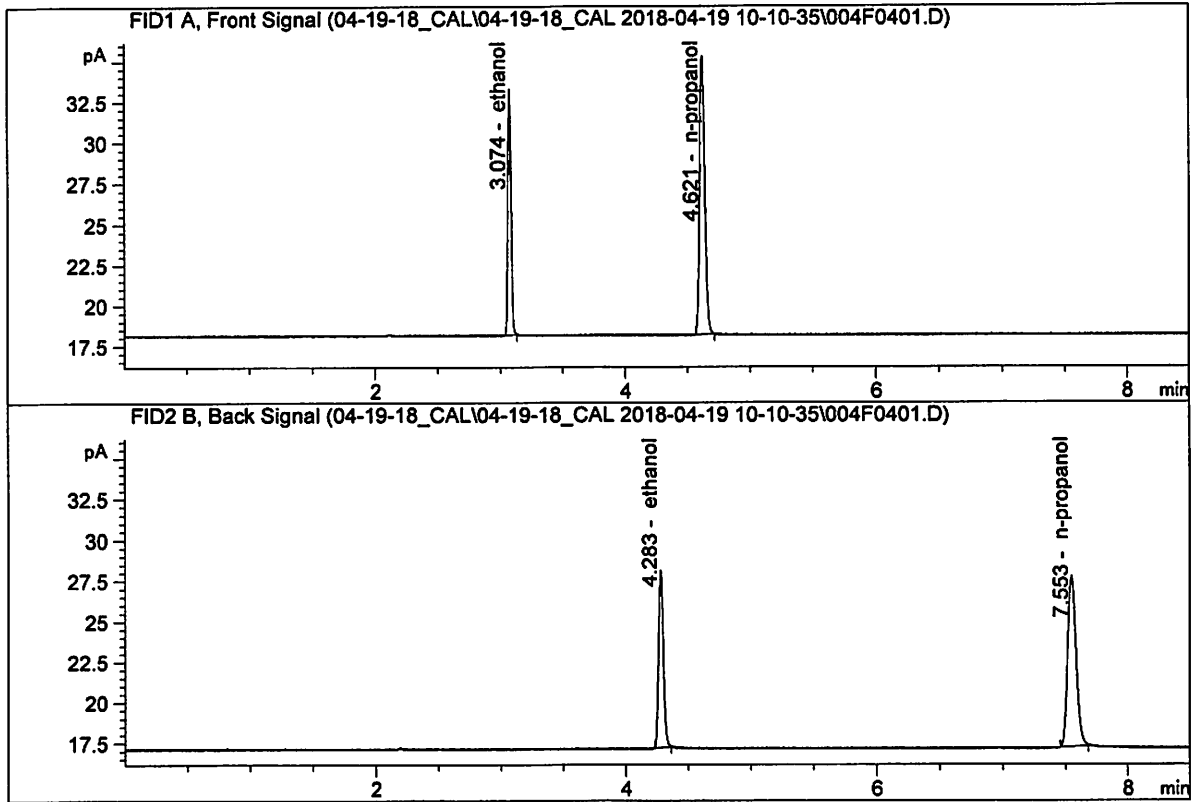
Sample Name : 0.200 FN12011401
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.25403	0.2011	g/100cc
2.	Ethanol	Column 2:	19.04826	0.2003	g/100cc
3.	n-Propanol	Column 1:	48.19497	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.72454	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

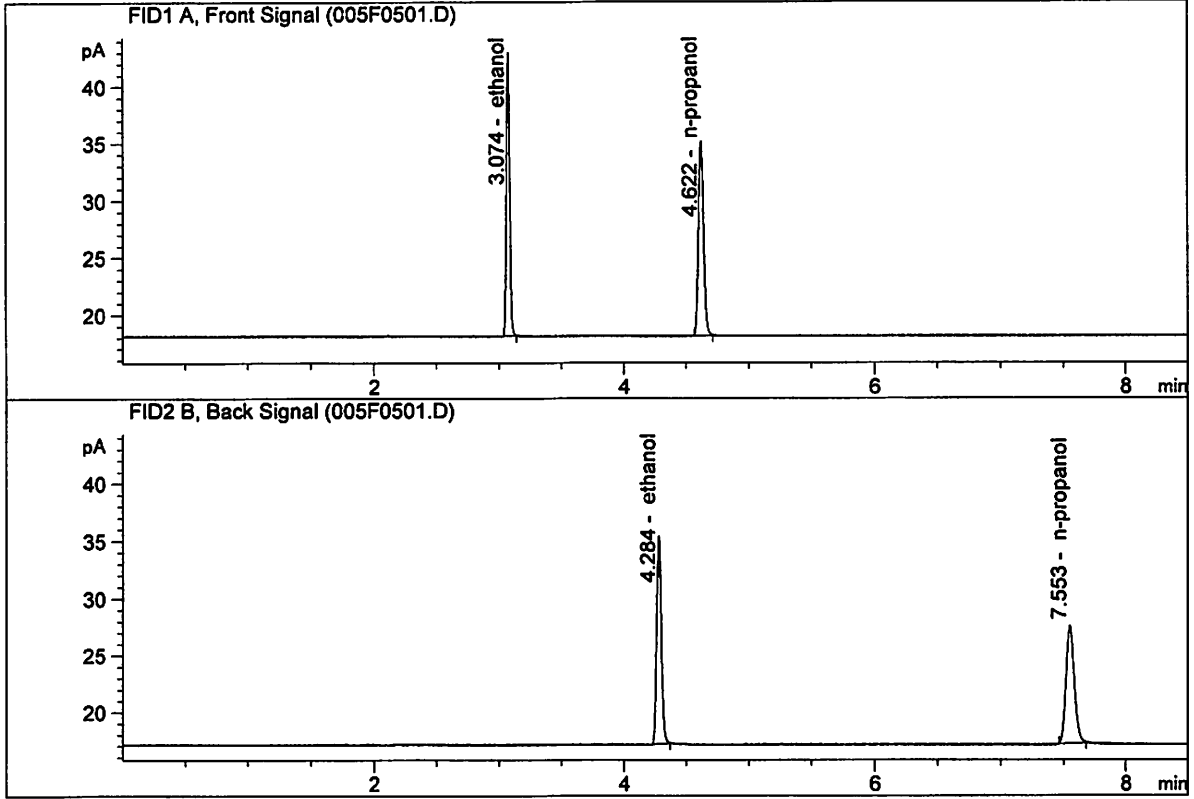
Sample Name : 0.300 FN02121601
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.72746	0.3019	g/100cc
2.	Ethanol	Column 2:	28.96267	0.3002	g/100cc
3.	n-Propanol	Column 1:	48.81654	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.19022	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

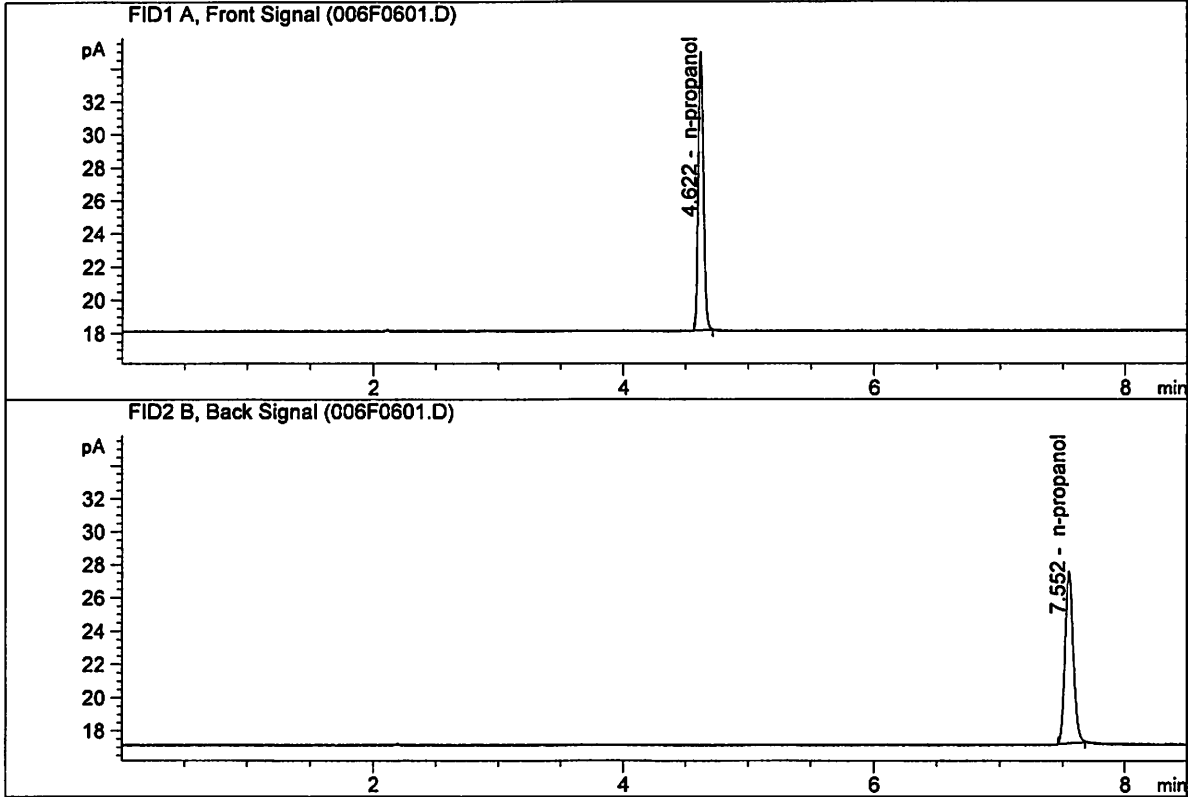
Sample Name : 0.500 FN07031402
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.41815	0.4987	g/100cc
2.	Ethanol	Column 2:	48.00736	0.4999	g/100cc
3.	n-Propanol	Column 1:	48.44892	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.74758	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
 Laboratory : Meridian
 Injection Date : Apr 19, 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:	47.91039	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.15021	1.0000	g/100cc

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

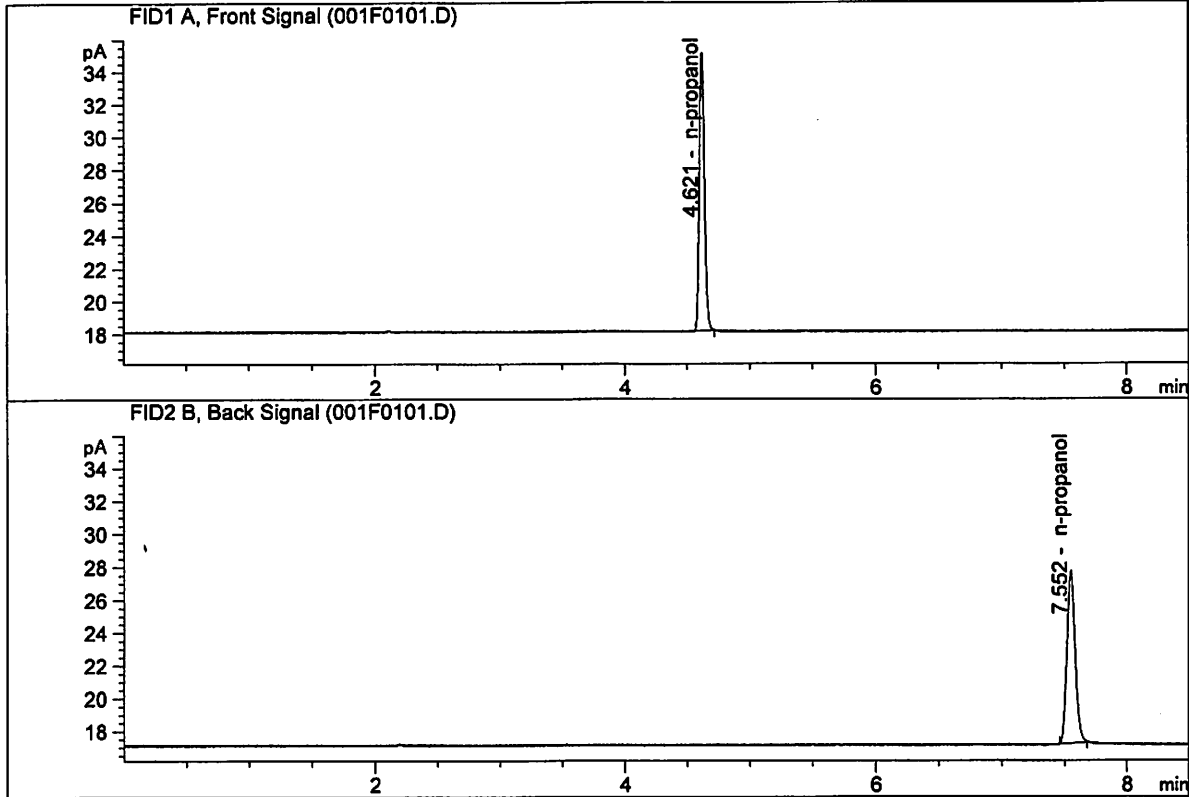
Sequence table: C:\Chem32\1\Data\04-19-18_CAL\04-19-18_CAL 2018-04-19 10-10-35\04-19-18_CAL.S
 Data directory path: C:\Chem32\1\Data\04-19-18_CAL\04-19-18_CAL 2018-04-19 10-10-35\
 Logbook: C:\Chem32\1\Data\04-19-18_CAL\04-19-18_CAL 2018-04-19 10-10-35\04-19-18_CAL.LOG
 Sequence start: 4/19/2018 10:25:13 AM
 Sequence Operator: SYSTEM
 Operator: SYSTEM
 Method file name: C:\Chem32\1\Data\04-19-18_CAL\04-19-18_CAL 2018-04-19 10-10-35\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
1	1	1	0.050 FN06231406	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN06181501	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN12011401	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN02121601	-	1.0000	004F0401.D	*	4
5	5	1	0.500 FN07031402	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

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ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

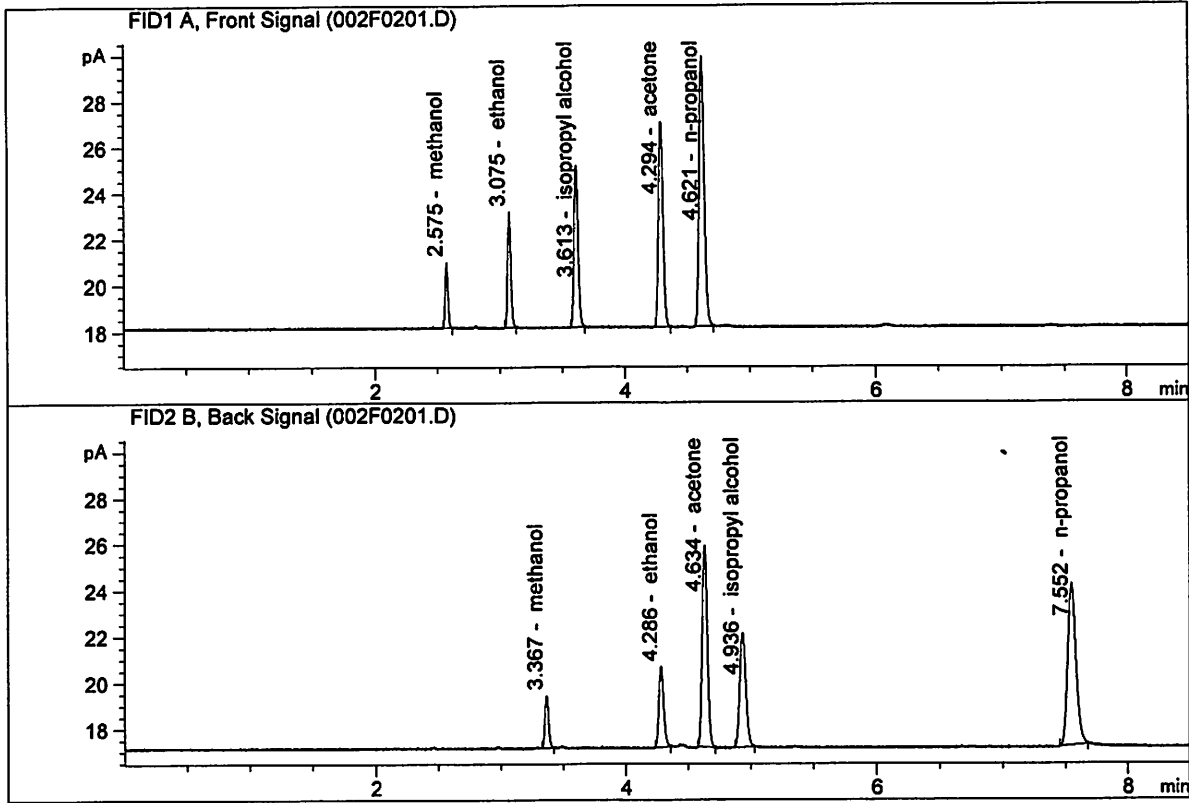


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	48.38820	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.98628	1.0000	g/100cc

Handwritten mark

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041503
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.95271	0.1439	g/100cc
2.	Ethanol	Column 2:	9.17691	0.1443	g/100cc
3.	n-Propanol	Column 1:	32.98138	1.0000	g/100cc
4.	n-Propanol	Column 2:	33.47162	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 19 Apr 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0756	0.0764	0.0008	0.0760	0.0762	
(g/100cc)	0.0762	0.0769	0.0007	0.0765		

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: MDL600HC11378

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	
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Calibration and control data are stored centrally.

Issued: 12/30/2016

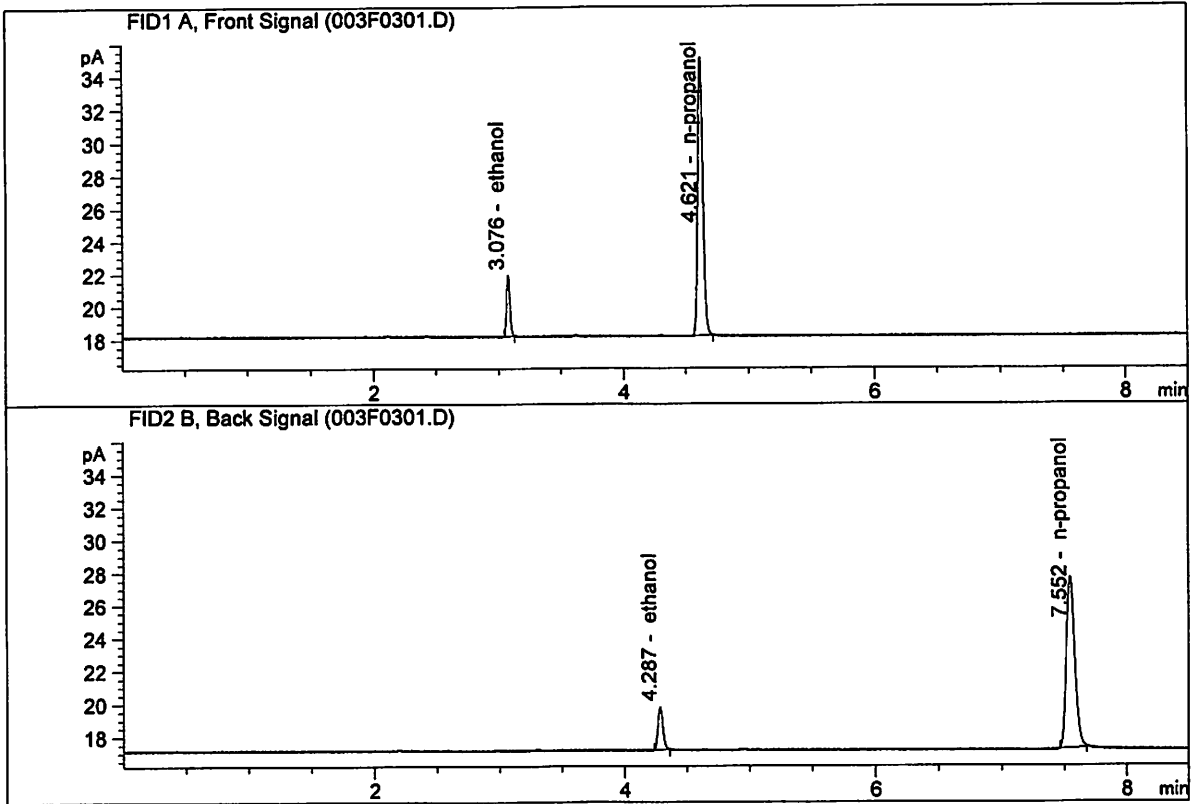
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

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ISP Forensic Services Blood Alcohol Report

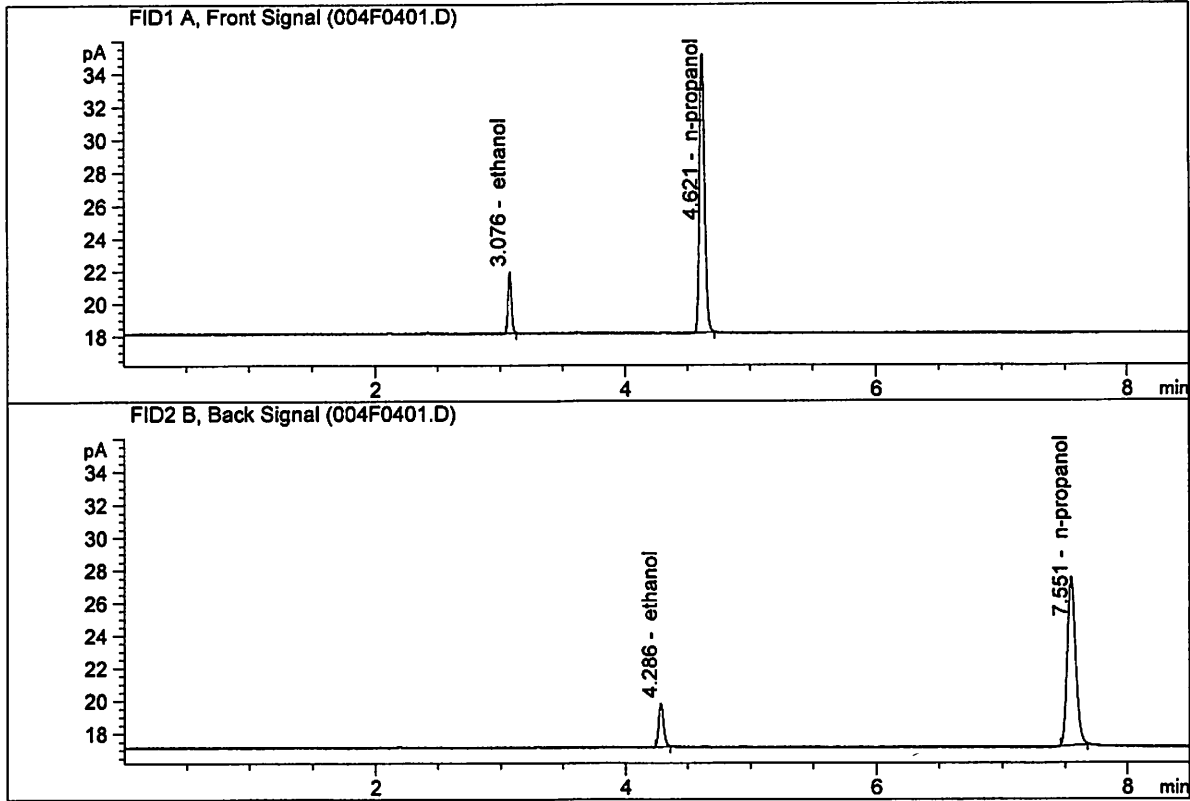
Sample Name : QC1-1-A
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.92679	0.0756	g/100cc
2.	Ethanol	Column 2:	7.05251	0.0764	g/100cc
3.	n-Propanol	Column 1:	48.35456	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.52241	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.95826	0.0762	g/100cc
2.	Ethanol	Column 2:	7.08489	0.0769	g/100cc
3.	n-Propanol	Column 1:	48.24512	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.40936	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510

Analysis Date(s): 19 Apr 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0796	0.0800	0.0004	0.0798	0.0789
(g/100cc)	0.0779	0.0782	0.0003	0.0780	

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: MDL600HC11378

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	0.074	0.082	0.004

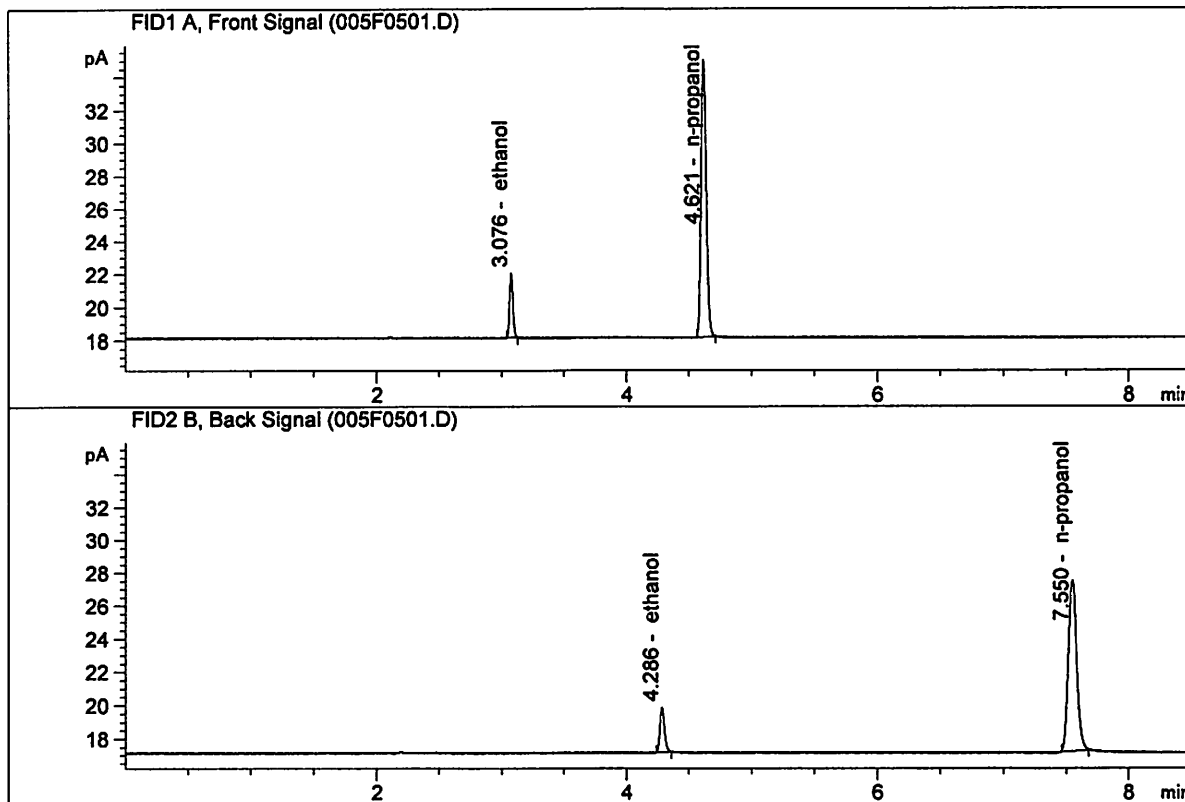
	Reported Result 0.078
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Calibration and control data are stored centrally.

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ISP Forensic Services Blood Alcohol Report

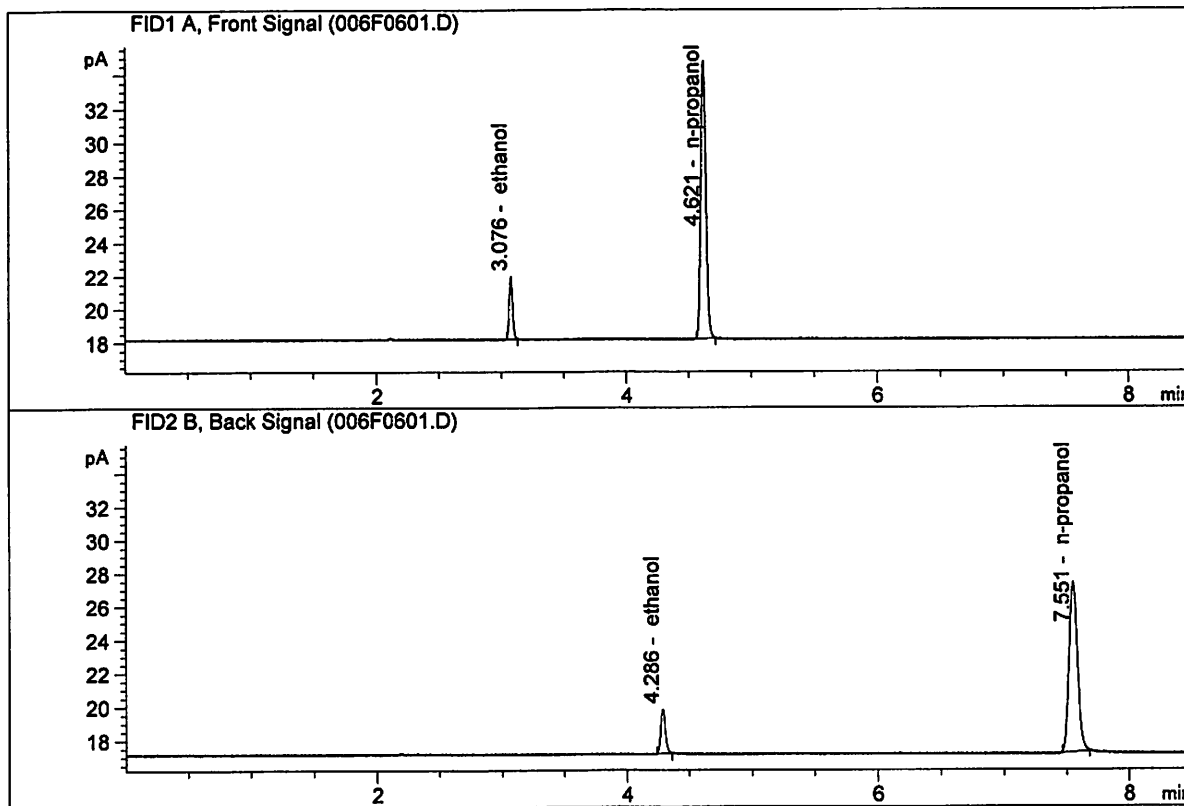
Sample Name : 0.08 FN10281510-A
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.23441	0.0796	g/100cc
2.	Ethanol	Column 2:	7.36548	0.0800	g/100cc
3.	n-Propanol	Column 1:	48.02301	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.29877	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.98474	0.0779	g/100cc
2.	Ethanol	Column 2:	7.08519	0.0782	g/100cc
3.	n-Propanol	Column 1:	47.33799	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.58624	1.0000	g/100cc

JK

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1

Analysis Date(s): 19 Apr 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2023	0.2025	0.0002	0.2024	0.2008	
(g/100cc)	0.1990	0.1995	0.0005	0.1992		

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: MDL600HC11378

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.200	0.190	0.210	0.010

	Reported Result 0.200	
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Calibration and control data are stored centrally.

Issued: 12/30/2016

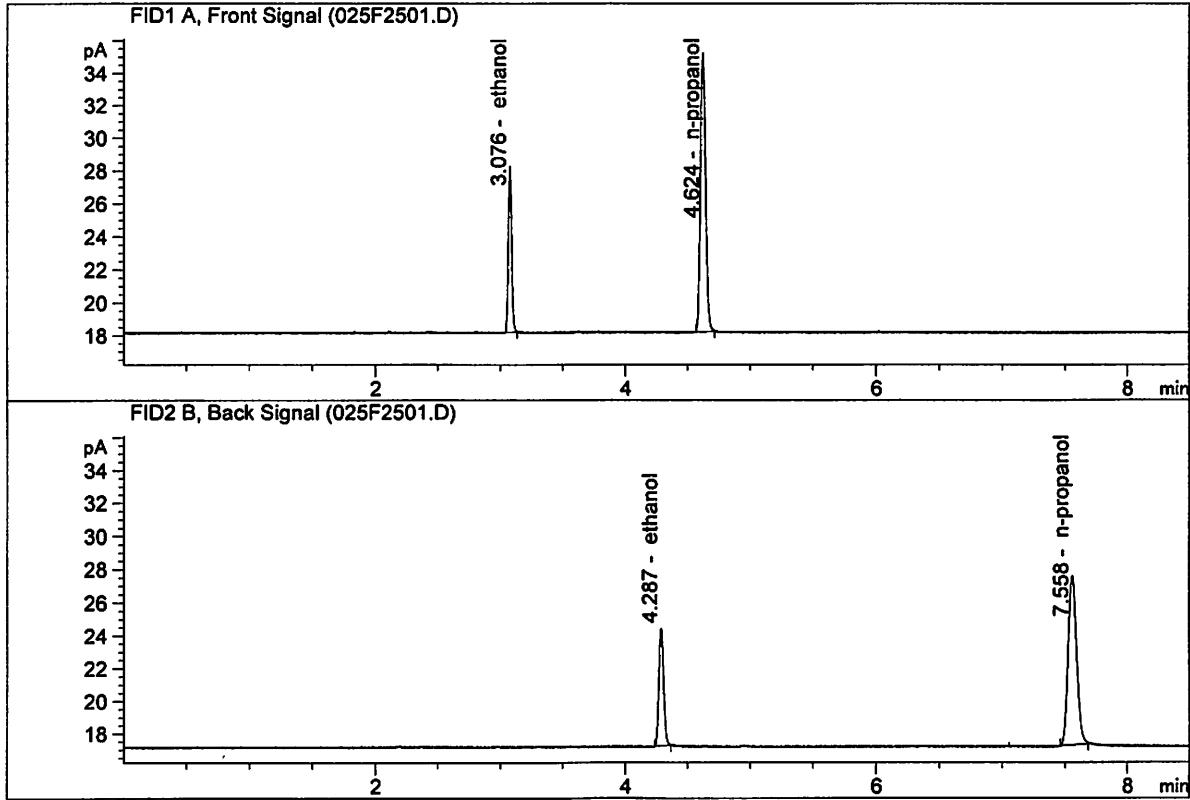
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

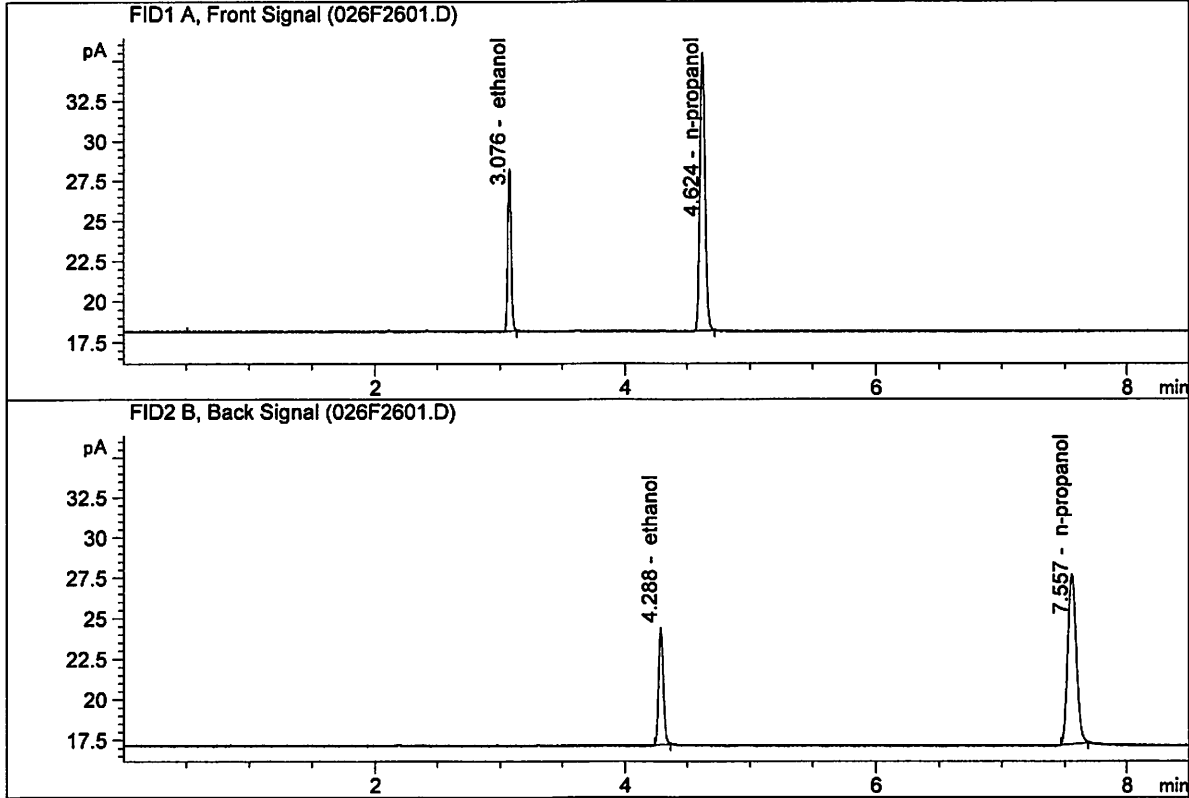


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.43439	0.2023	g/100cc
2.	Ethanol	Column 2:	19.12141	0.2025	g/100cc
3.	n-Propanol	Column 1:	48.37362	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.36615	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.43491	0.1990	g/100cc
2.	Ethanol	Column 2:	19.12066	0.1995	g/100cc
3.	n-Propanol	Column 1:	49.17971	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.12417	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2

Analysis Date(s): 19 Apr 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0786	0.0796	0.0010	0.0791	0.0803	
(g/100cc)	0.0811	0.0819	0.0008	0.0815		

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: MDL600HC11378

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	
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Calibration and control data are stored centrally.

Issued: 12/30/2016

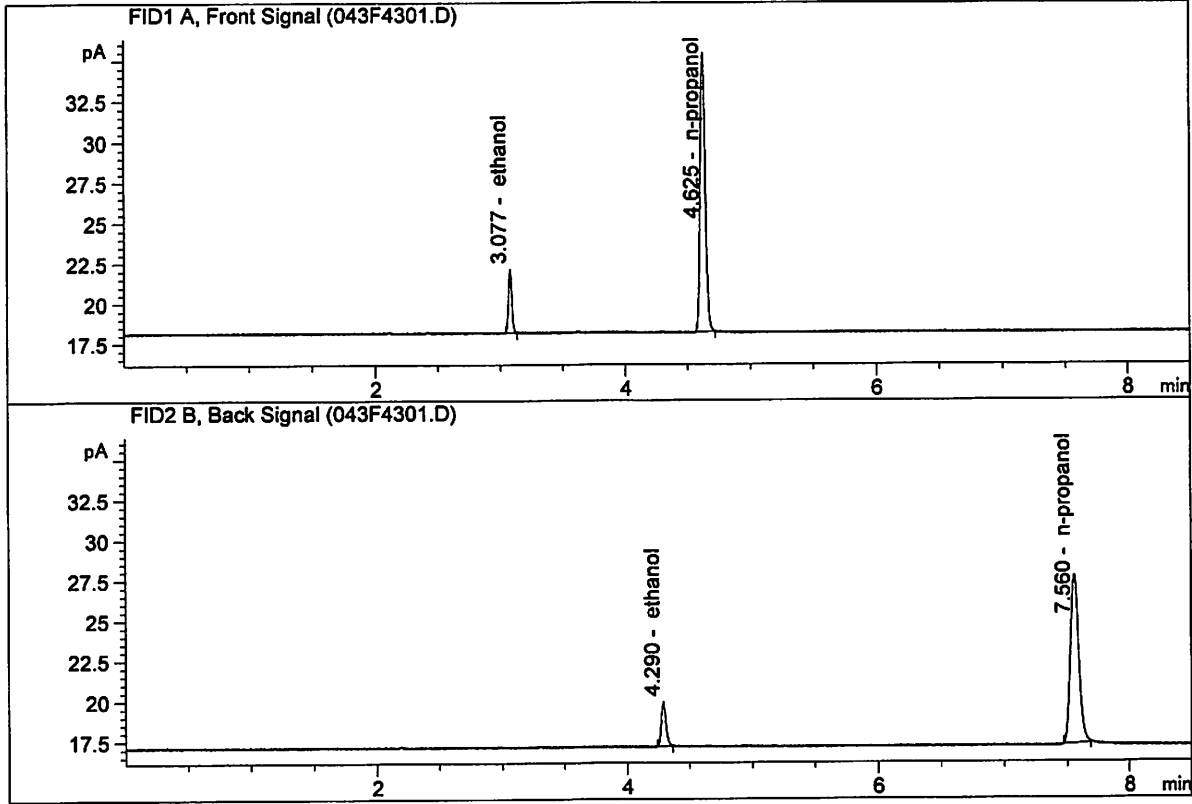
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

JG

ISP Forensic Services Blood Alcohol Report

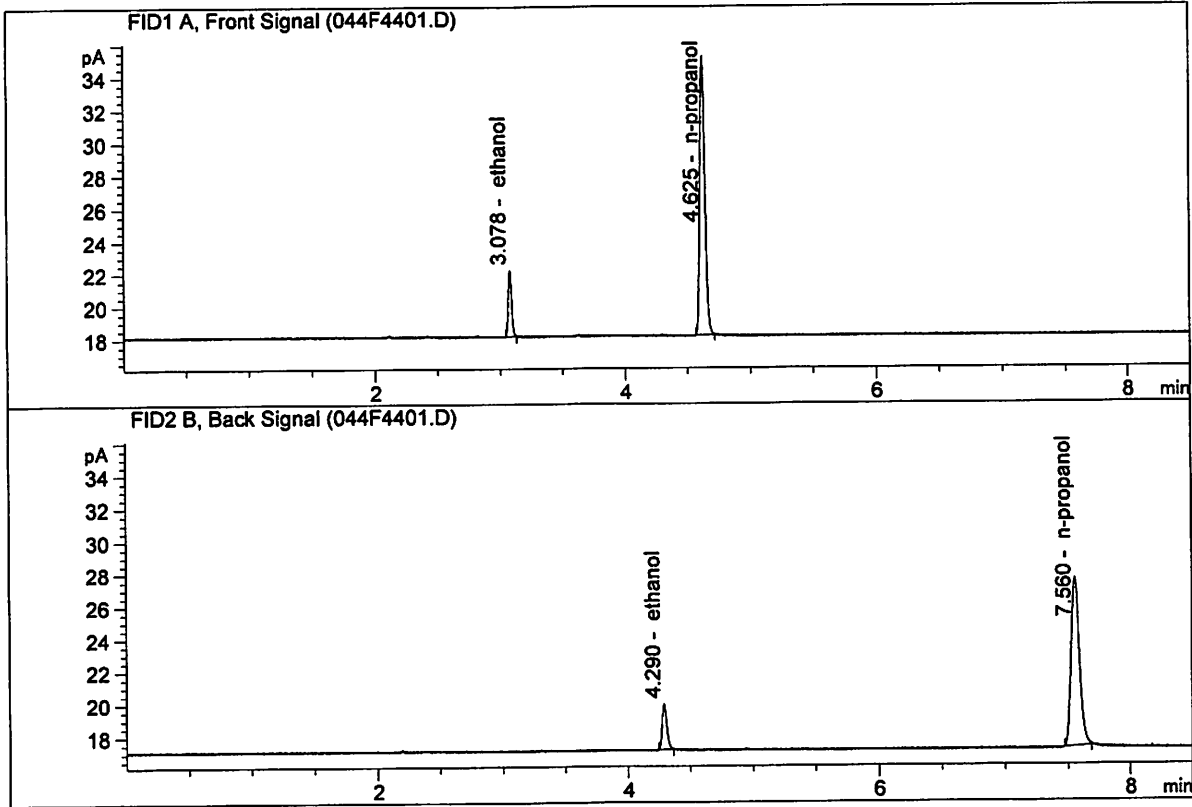
Sample Name : QC1-2-A
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.31305	0.0786	g/100cc
2.	Ethanol	Column 2:	7.44560	0.0796	g/100cc
3.	n-Propanol	Column 1:	49.16637	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.09233	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
 Laboratory : Meridian
 Injection Date : Apr 19, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

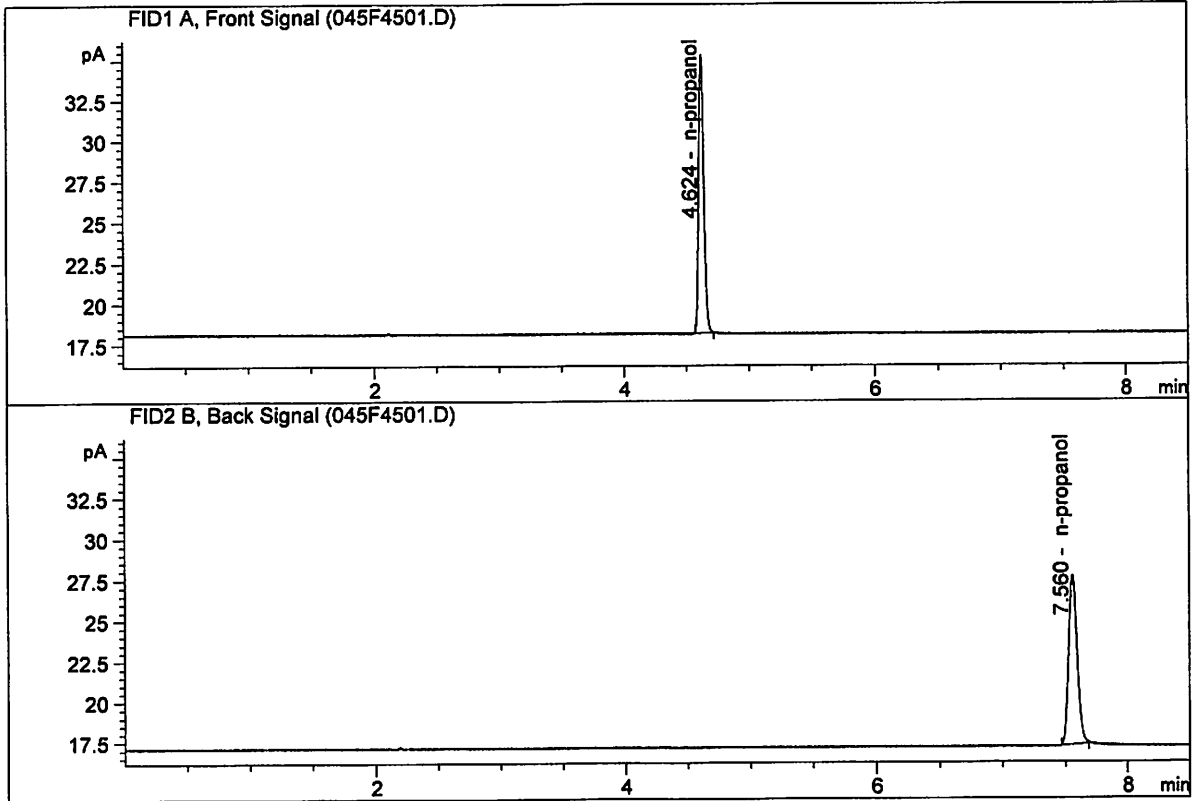


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.43215	0.0811	g/100cc
2.	Ethanol	Column 2:	7.54428	0.0819	g/100cc
3.	n-Propanol	Column 1:	48.41343	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.27620	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
 Laboratory : Meridian
 Injection Date : Apr 19, 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:	48.79696	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.73227	1.0000	g/100cc

Sample Summary

Sequence table: C:\Chem32\1\Data\04-19-18_SAMPLES\04-19-18_SAMPLES 2018-04-19 11-39-18\04-19-18_SAMPLES.S
 Data directory path: C:\Chem32\1\Data\04-19-18_SAMPLES\04-19-18_SAMPLES 2018-04-19 11-39-18\
 Logbook: C:\Chem32\1\Data\04-19-18_SAMPLES\04-19-18_SAMPLES 2018-04-19 11-39-18\04-19-18_SAMPLES.LOG
 Sequence start: 4/19/2018 11:54:04 AM
 Sequence Operator: SYSTEM
 Operator: SYSTEM
 Method file name: C:\Chem32\1\Data\04-19-18_SAMPLES\04-19-18_SAMPLES 2018-04-19 11-39-18\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 FN10281510-	-	1.0000	005F0501.D		4
6	6	1	0.08 FN10281510-	-	1.0000	006F0601.D		4
7	7	1	M2018-1452-2-A	-	1.0000	007F0701.D		4
8	8	1	M2018-1452-2-B	-	1.0000	008F0801.D		4
9	9	1	M2018-1772-1-A	-	1.0000	009F0901.D		6
10	10	1	M2018-1772-1-B	-	1.0000	010F1001.D		6
11	11	1	M2018-1841-1-A	-	1.0000	011F1101.D		6
12	12	1	M2018-1841-1-B	-	1.0000	012F1201.D		5
13	13	1	M2018-1842-1-A	-	1.0000	013F1301.D		6
14	14	1	M2018-1842-1-B	-	1.0000	014F1401.D		6
15	15	1	M2018-1843-1-A	-	1.0000	015F1501.D		6
16	16	1	M2018-1843-1-B	-	1.0000	016F1601.D		6
17	17	1	M2018-1863-1-A	-	1.0000	017F1701.D		6
18	18	1	M2018-1863-1-B	-	1.0000	018F1801.D		6
19	19	1	M2018-1872-1-A	-	1.0000	019F1901.D		6
20	20	1	M2018-1872-1-B	-	1.0000	020F2001.D		6
21	21	1	M2018-1878-1-A	-	1.0000	021F2101.D		6
22	22	1	M2018-1878-1-B	-	1.0000	022F2201.D		6
23	23	1	M2018-1890-1-A	-	1.0000	023F2301.D		6
24	24	1	M2018-1890-1-B	-	1.0000	024F2401.D		6
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	M2018-1905-1-A	-	1.0000	027F2701.D		6
28	28	1	M2018-1905-1-B	-	1.0000	028F2801.D		6
29	29	1	M2018-1906-1-A	-	1.0000	029F2901.D		2
30	30	1	M2018-1906-1-B	-	1.0000	030F3001.D		2
31	31	1	M2018-1927-1-A	-	1.0000	031F3101.D		2
32	32	1	M2018-1927-1-B	-	1.0000	032F3201.D		2
33	33	1	M2018-1938-1-A	-	1.0000	033F3301.D		2
34	34	1	M2018-1938-1-B	-	1.0000	034F3401.D		2
35	35	1	M2018-1968-1-A	-	1.0000	035F3501.D		6
36	36	1	M2018-1968-1-B	-	1.0000	036F3601.D		6
37	37	1	M2018-1969-1-A	-	1.0000	037F3701.D		6
38	38	1	M2018-1969-1-B	-	1.0000	038F3801.D		6
39	39	1	P2018-0930-3-A	-	1.0000	039F3901.D		2
40	40	1	P2018-0930-3-B	-	1.0000	040F4001.D		2
41	41	1	P2018-0932-3-A	-	1.0000	041F4101.D		2
42	42	1	P2018-0932-3-B	-	1.0000	042F4201.D		2
43	43	1	QC1-2-A	-	1.0000	043F4301.D		4

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

Method file name: C:\Chem32\1\Data\04-19-18_SAMPLES\04-19-18_SAMPLES 2018-04-19 11-39-18 \SHUTDOWN.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
46	46	1	EMPTY	-	1.0000	046F4601.D	0

36