

**Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles**

*Analytical Method(s): 1.0*

*Device: Hamilton MICROLAB 503A Liquid Processor/Dilutor Serial Number: MD96BC1382/MD94AM10010*

**Volatiles Quality Assurance Controls**

Run Date(s): 3/1/17  
calibration: 2/22/17

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702 - 0.0858	0.0788 g/100cc
					0.0806 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.2015 g/100cc
					0.2023 g/100cc
Multi-Component mixture:		Exp date: Oct 2019			OK
Curve Fit:		Column 1	Lot #	FN09231404	
		Column 1	1.00000	Column2	0.99993

Ethanol Calibration Reference Material						
Calibrator level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Column 1	Column 2
0.050	Jul-19	FN06231406	0.050	0.045 - 0.055	0.0501	0.0524
0.080			0.080	0.072 - 0.088		0.0023
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.1004	0.0997
0.200	Mar-17	FN032712-01	0.200	0.180 - 0.220	0.1993	0.1982
0.300	Jun-20	FN06051501	0.300	0.270 - 0.330	0.3000	0.2979
0.400			0.400	0.360 - 0.440		0.0021
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5002	0.5018
						0.0016
						0.501

Aqueous Controls					
Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.081 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



**Worklist: 1580**

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2017-0745	1	77210	Alcohol Analysis	
M2017-0746	1	77266	Alcohol Analysis	
M2017-0801	1	77488	Alcohol Analysis	
M2017-0802	1	77489	Alcohol Analysis	
M2017-0803	1	77492	Alcohol Analysis	
M2017-0804	1	77494	Alcohol Analysis	
M2017-0806	1	77530	Alcohol Analysis	
M2017-0809	1	77533	Alcohol Analysis	
M2017-0812	1	77538	Alcohol Analysis	
M2017-0813	1	77539	Alcohol Analysis	
M2017-0820	1	77576	Alcohol Analysis	
M2017-0840	1	77698	Alcohol Analysis	
M2017-0841	1	77701	Alcohol Analysis	
M2017-0841	2	78039	Alcohol Analysis	
M2017-0842	1	77703	Alcohol Analysis	
M2017-0843	1	77707	Alcohol Analysis	
M2017-0858	1	77871	Alcohol Analysis	
M2017-0869	1	77886	Alcohol Analysis	
M2017-0870	2	77892	Alcohol Analysis	
M2017-0886	1	77944	Alcohol Analysis	
P2017-0413	8	77509	Alcohol Analysis	

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 01 Mar 2017

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0785	0.0795	0.0010	0.0790	0.0788	
(g/100cc)	0.0784	0.0790	0.0006	0.0787		

### 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:  
MD96BC1382/MD94AM10010

### 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

	<b>Reported Result</b>  0.078	
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*Calibration and control data are stored centrally.*

NB

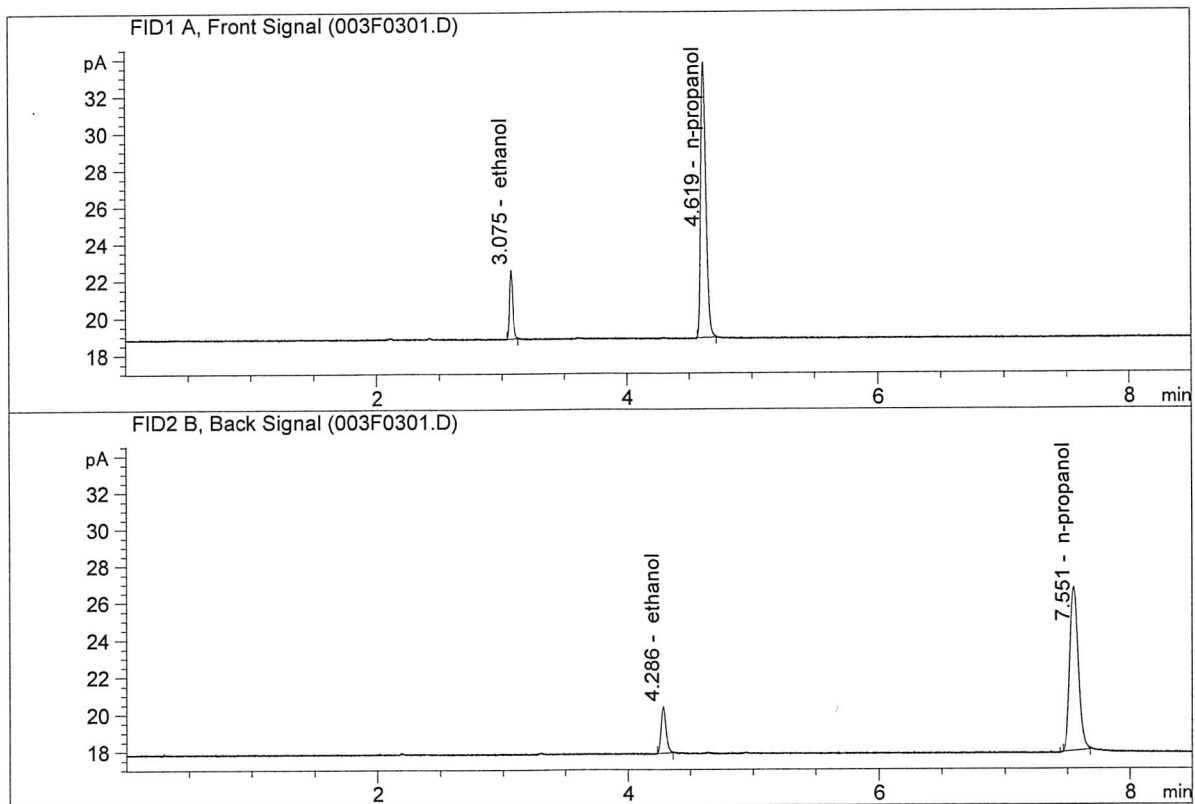
Issued: 12/30/2016

Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



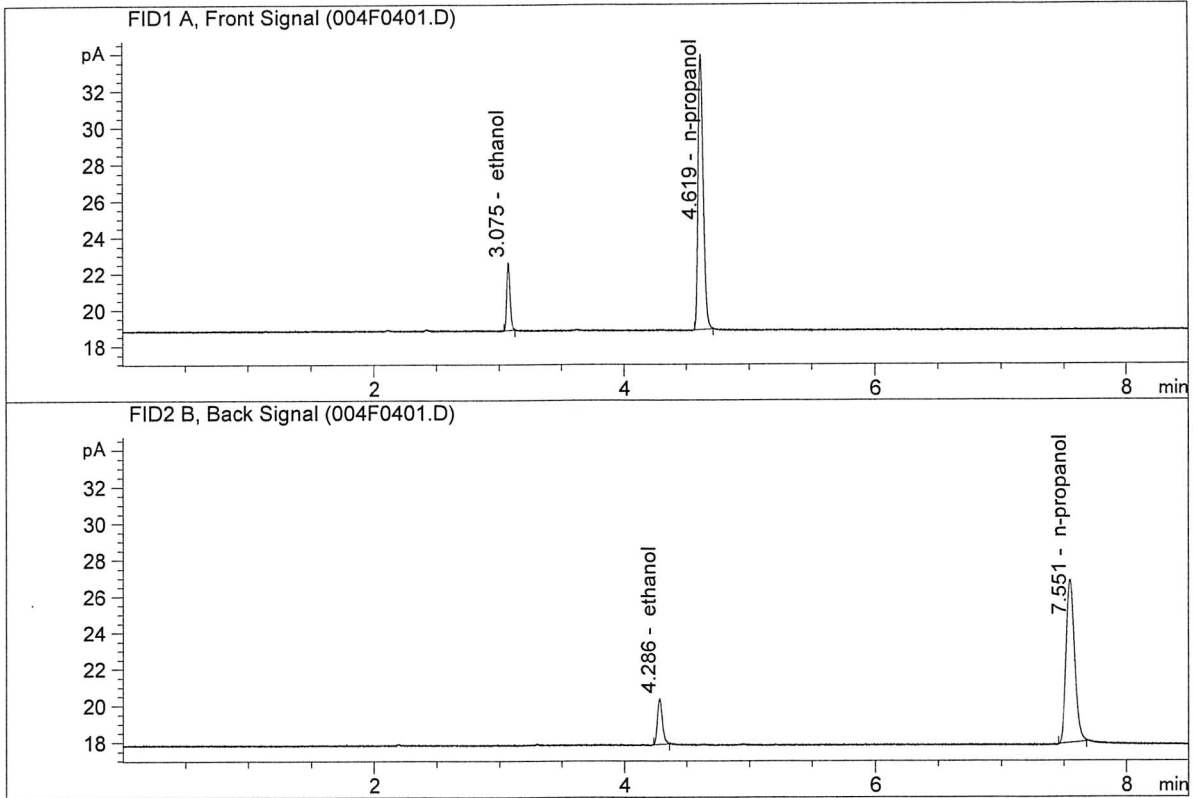
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.87260	0.0785	g/100cc
2.	Ethanol	Column 2:	6.72114	0.0795	g/100cc
3.	n-Propanol	Column 1:	42.57559	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.09954	1.0000	g/100cc

NB



ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.93993	0.0784	g/100cc
2.	Ethanol	Column 2:	6.76466	0.0790	g/100cc
3.	n-Propanol	Column 1:	43.01855	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.69748	1.0000	g/100cc

NB

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2

Analysis Date(s): 01 Mar 2017

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0796	0.0817	0.0021	0.0806	0.0806	
(g/100cc)	0.0794	0.0818	0.0024	0.0806		

### 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:  
MD96BC1382/MD94AM10010

### Reporting of Results

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

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

	<b>Reported Result</b>	
	<b>0.080</b>	

*Calibration and control data are stored centrally.*

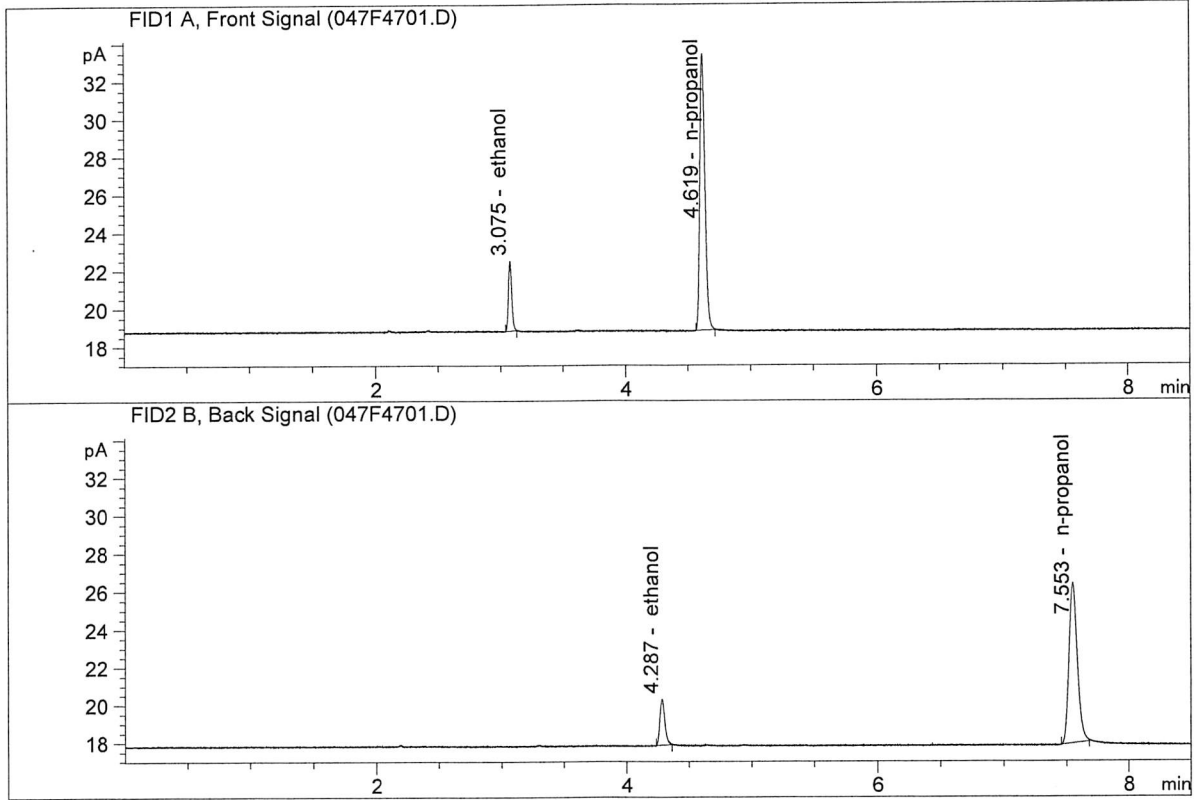
Issued: 12/30/2016

Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

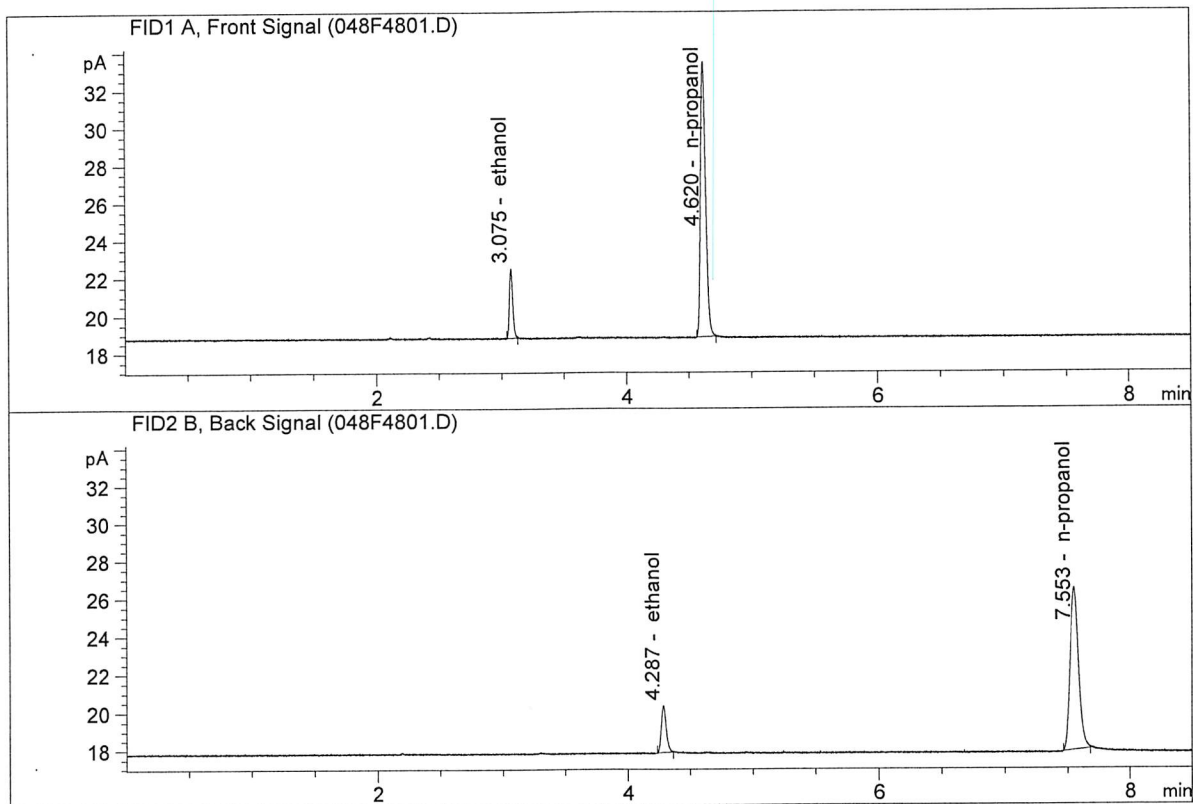


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.78209	0.0796	g/100cc
2.	Ethanol	Column 2:	6.69962	0.0817	g/100cc
3.	n-Propanol	Column 1:	41.44158	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.71833	1.0000	g/100cc

*NB*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.80228	0.0794	g/100cc
2.	Ethanol	Column 2:	6.71067	0.0818	g/100cc
3.	n-Propanol	Column 1:	41.63106	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.75336	1.0000	g/100cc

NB

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1

Analysis Date(s): 01 Mar 2017

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2012	0.2029	0.0017	0.2020	0.2015	
(g/100cc)	0.2003	0.2016	0.0013	0.2009		

### 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:  
MD96BC1382/MD94AM10010

### Reporting of Results

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.201	0.190	0.212	0.011

	<b>Reported Result</b>	
	0.201	

*Calibration and control data are stored centrally.*

NB

Issued: 12/30/2016

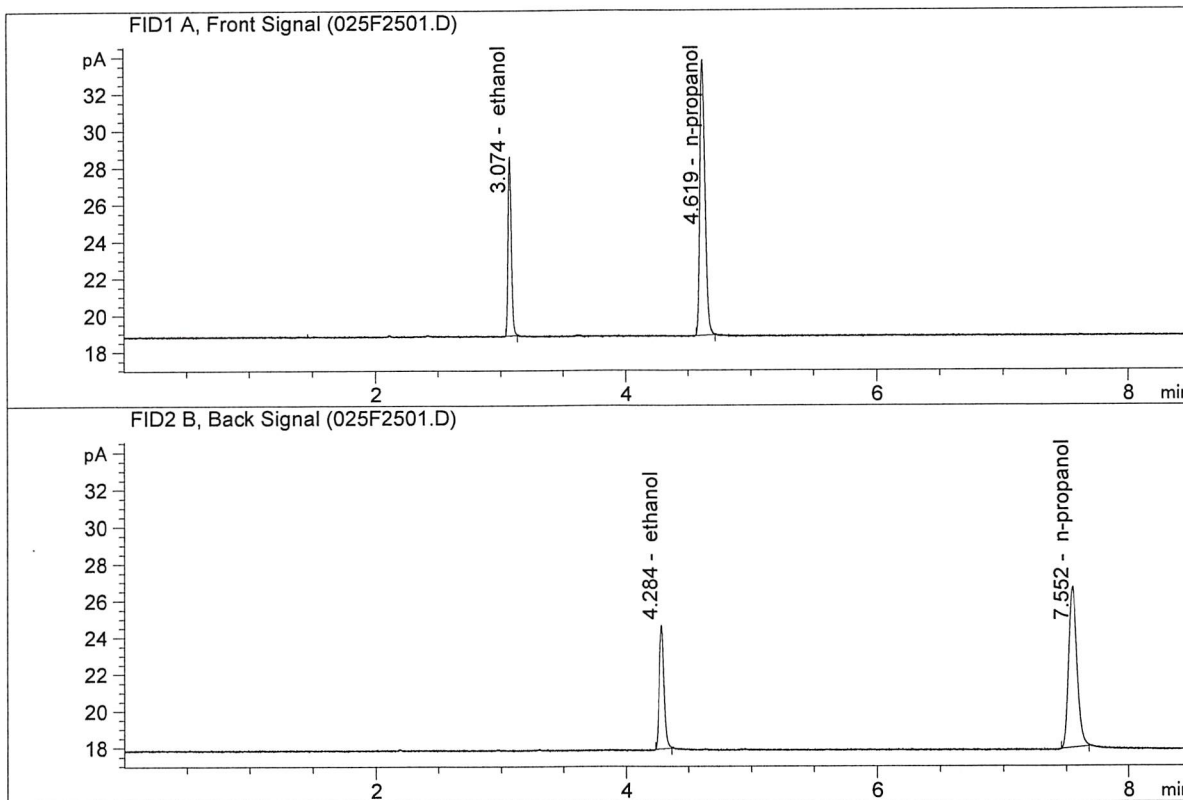
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager



ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

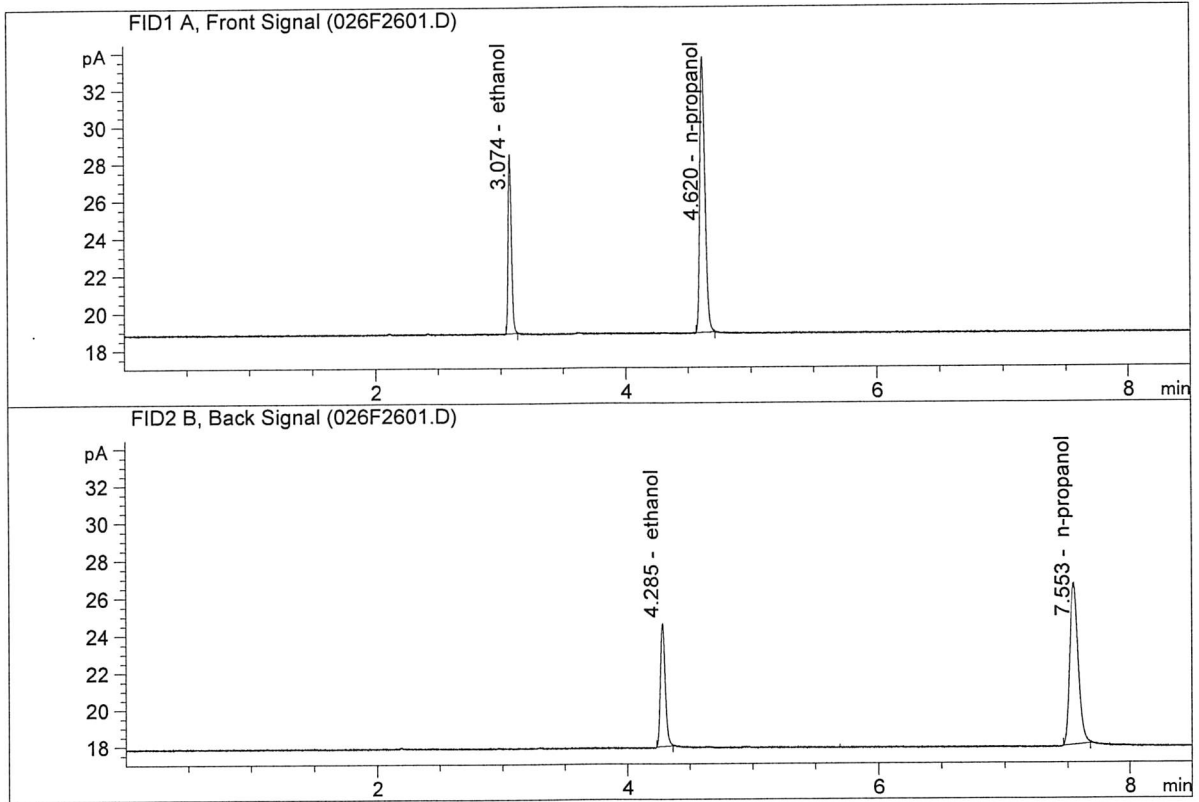


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.76693	0.2012	g/100cc
2.	Ethanol	Column 2:	18.06480	0.2029	g/100cc
3.	n-Propanol	Column 1:	42.52795	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.90805	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.52930	0.2003	g/100cc
2.	Ethanol	Column 2:	17.77392	0.2016	g/100cc
3.	n-Propanol	Column 1:	42.13583	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.50917	1.0000	g/100cc

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## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2

Analysis Date(s): 01 Mar 2017

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2033	0.2035	0.0002	0.2034	0.2023	
(g/100cc)	0.2011	0.2016	0.0005	0.2013		

### 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:  
MD96BC1382/MD94AM10010

### Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.202	0.191	0.213	0.011

	<b>Reported Result</b>	
	0.202	

*Calibration and control data are stored centrally.*

NB

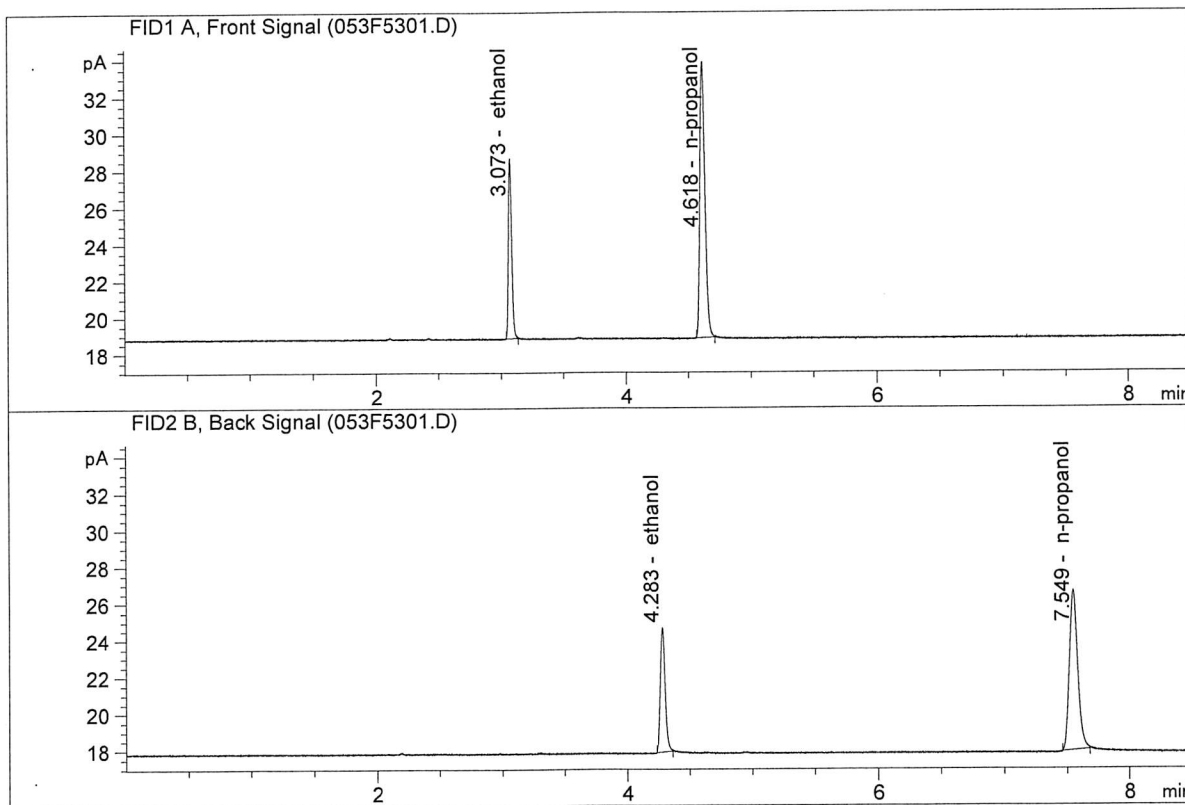
Issued: 12/30/2016

Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument : CN11180014-CN11041167

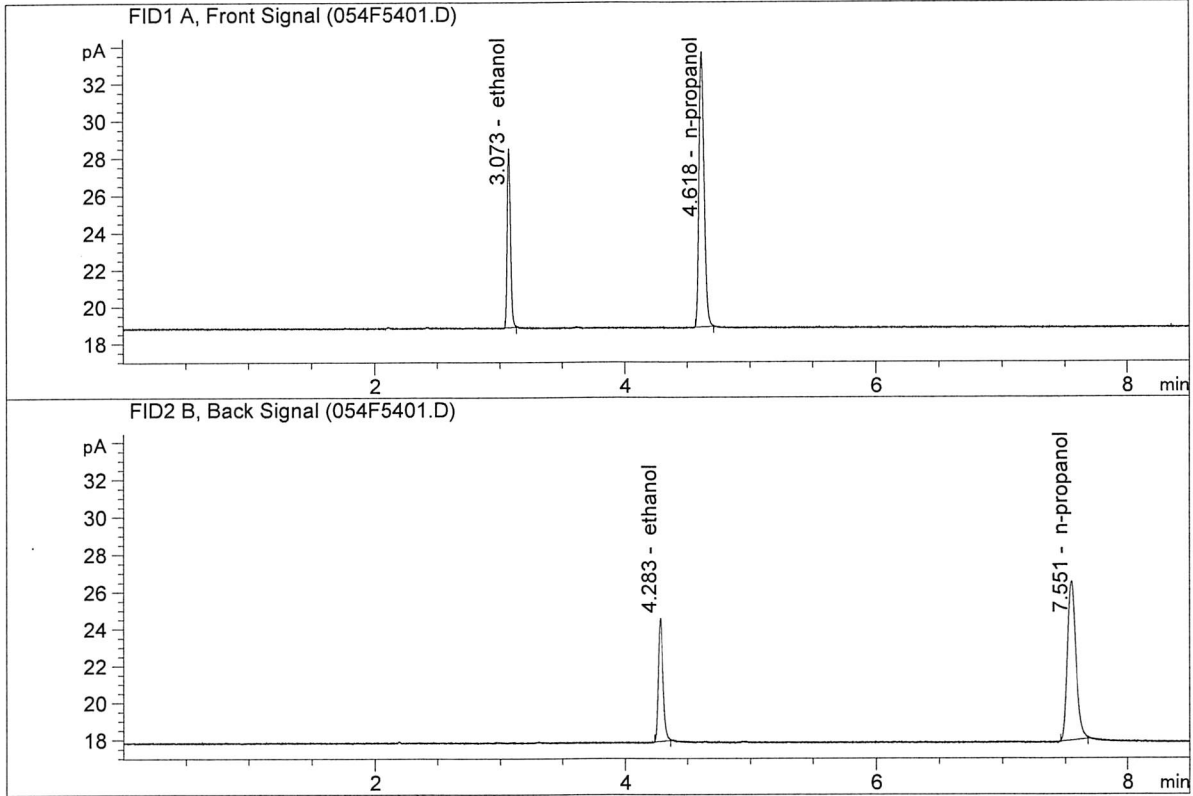


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.97174	0.2033	g/100cc
2.	Ethanol	Column 2:	18.08591	0.2035	g/100cc
3.	n-Propanol	Column 1:	42.57741	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.83128	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.57926	0.2011	g/100cc
2.	Ethanol	Column 2:	17.71934	0.2016	g/100cc
3.	n-Propanol	Column 1:	42.08868	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.37502	1.0000	g/100cc

NB



# VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510

Analysis Date(s): 01 Mar 2017

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0801	0.0823	0.0022	0.0812	0.0814	
(g/100cc)	0.0809	0.0823	0.0014	0.0816		

## 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:  
MD96BC1382/MD94AM10010

## Reporting of Results

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	0.076	0.086	0.005

	<b>Reported Result</b>	
	0.081	

*Calibration and control data are stored centrally.*

NB

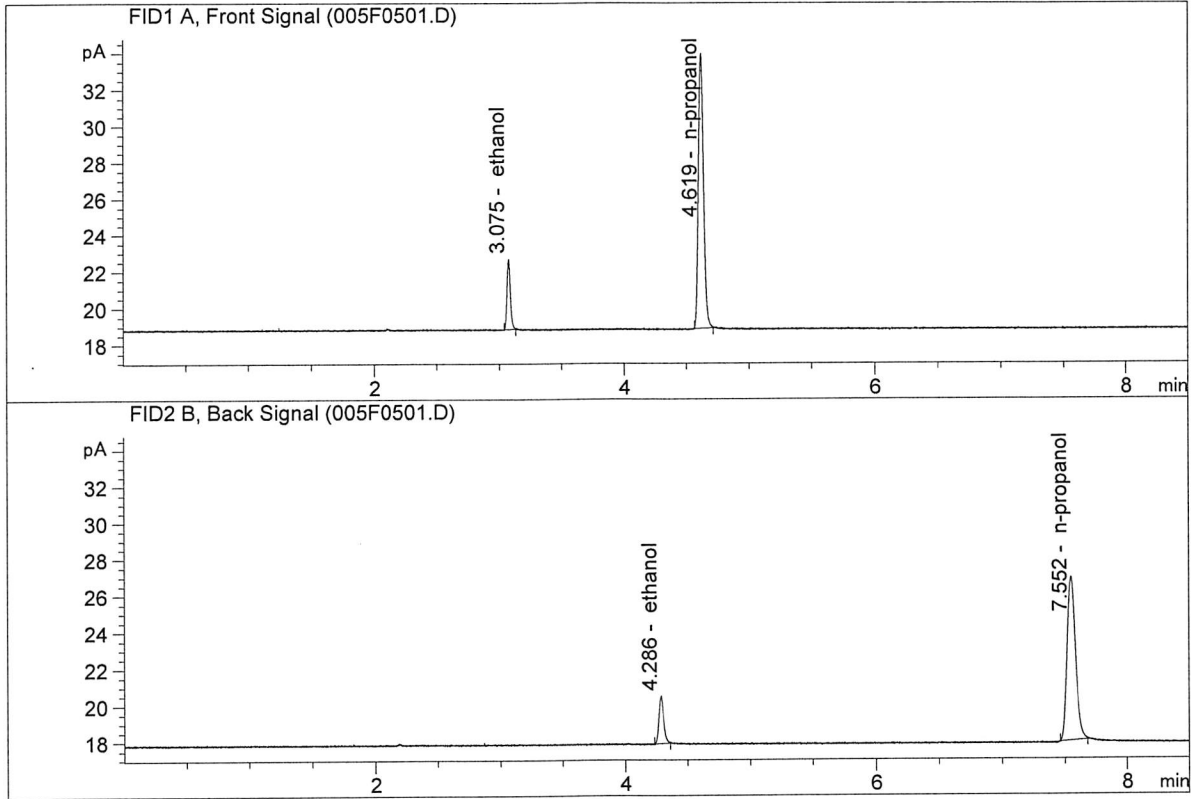
Issued: 12/30/2016

Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

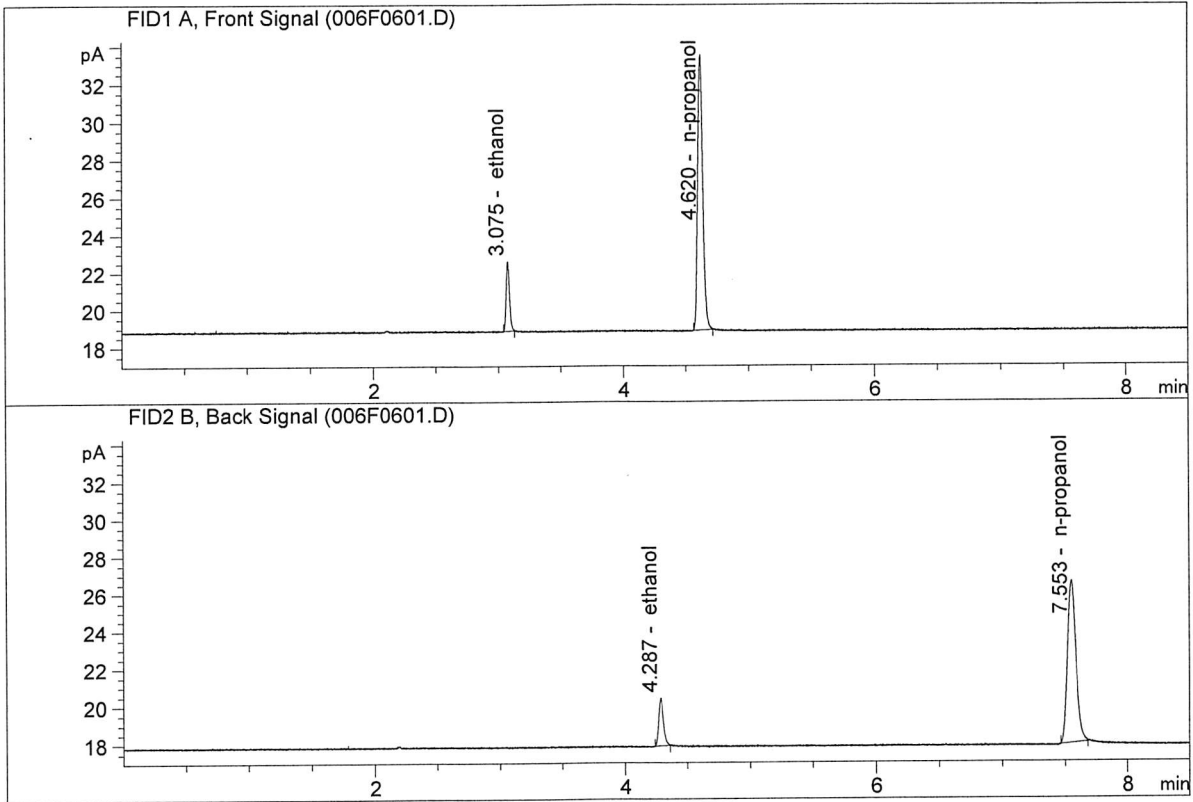


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.11647	0.0801	g/100cc
2.	Ethanol	Column 2:	7.09885	0.0823	g/100cc
3.	n-Propanol	Column 1:	43.17577	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.84544	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

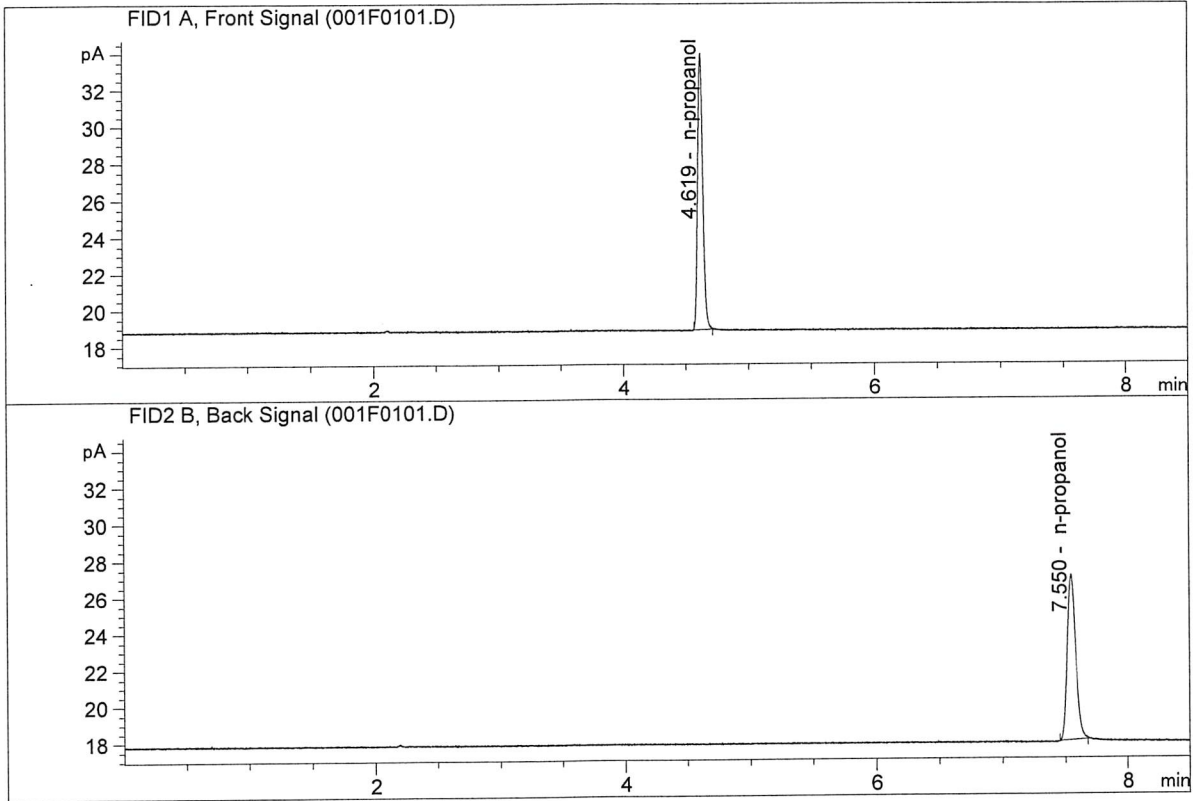


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.94962	0.0809	g/100cc
2.	Ethanol	Column 2:	6.86087	0.0823	g/100cc
3.	n-Propanol	Column 1:	41.76540	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.37572	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

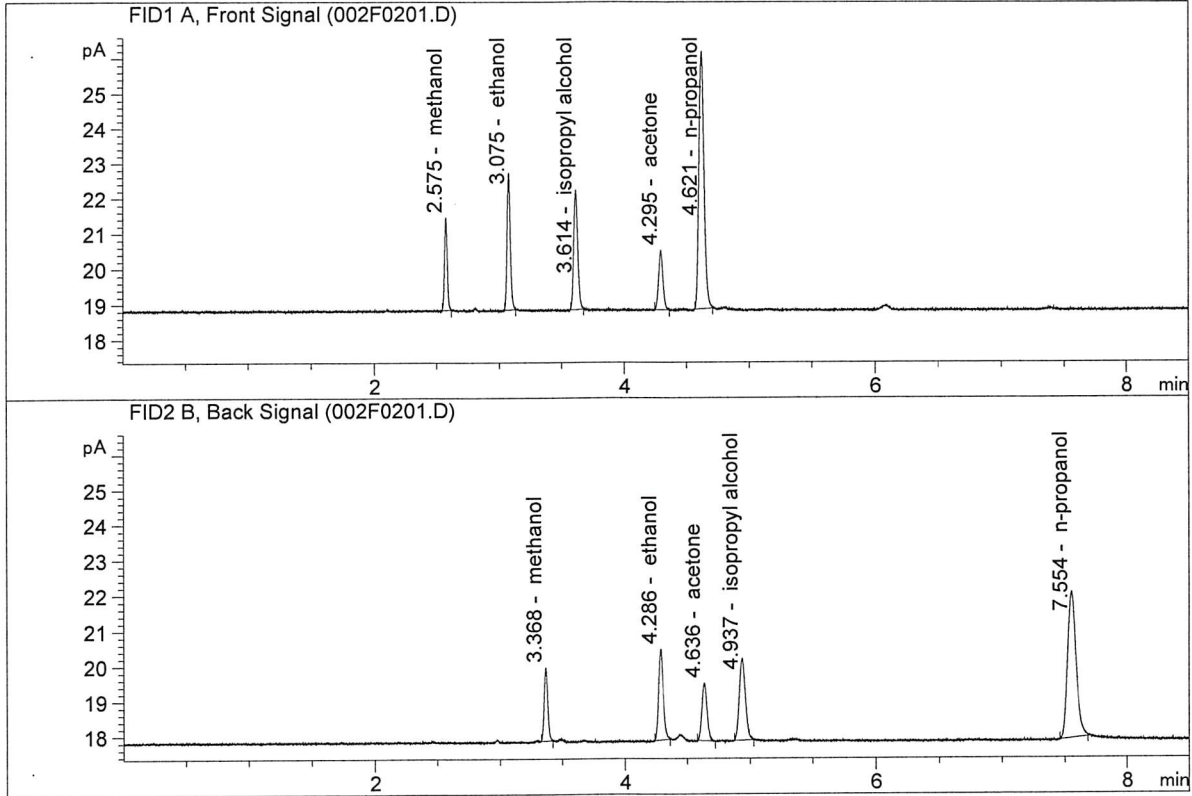


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	43.04633	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.71519	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN09231404  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



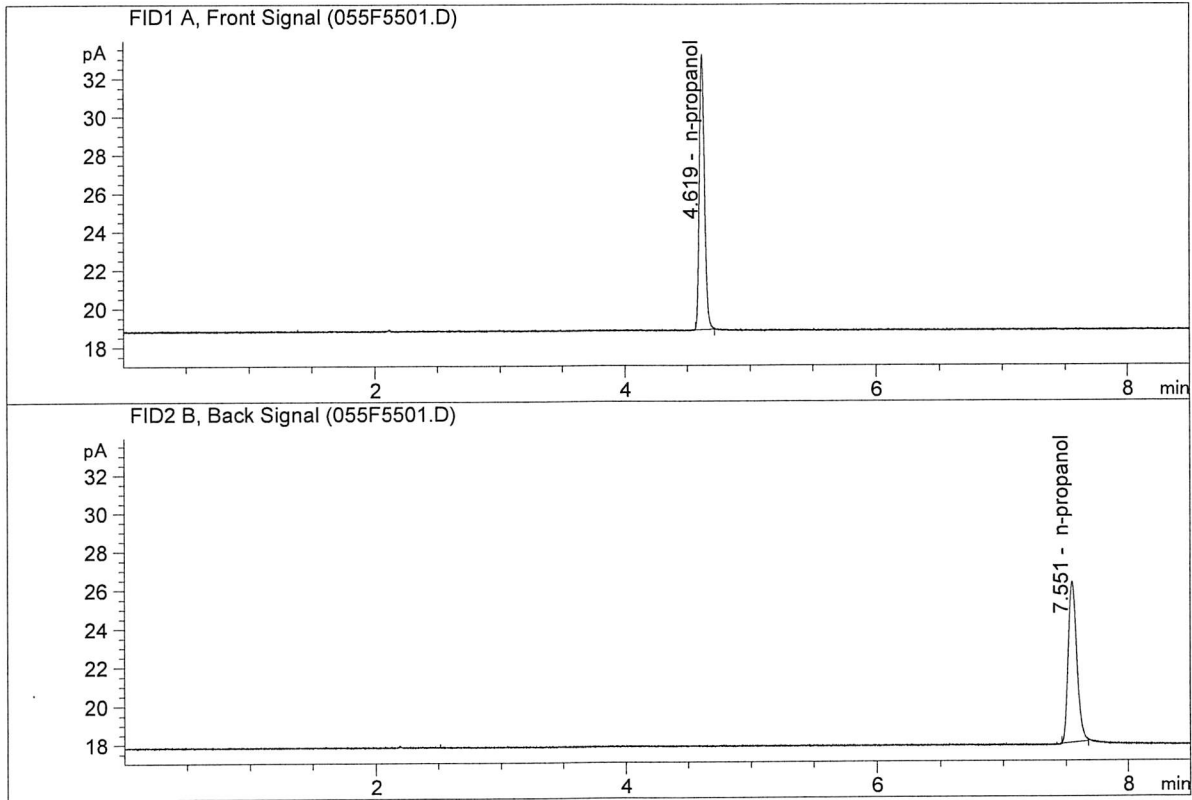
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.00764	0.1625	g/100cc
2.	Ethanol	Column 2:	6.95328	0.1639	g/100cc
3.	n-Propanol	Column 1:	20.79306	1.0000	g/100cc
4.	n-Propanol	Column 2:	20.13545	1.0000	g/100cc

NB



ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK  
 Laboratory : Meridian  
 Injection Date : Mar 1, 2017  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.77169	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.83904	1.0000	g/100cc

NB

Sample Summary

Sequence table: C:\Chem32\1\Data\03-01-17\_SAMPLES\03-01-17\_SAMPLES 2017-03-01 11-20-10\03-01-17\_SAMPLES.S  
 Data directory path: C:\Chem32\1\Data\03-01-17\_SAMPLES\03-01-17\_SAMPLES 2017-03-01 11-20-10\  
 Logbook: C:\Chem32\1\Data\03-01-17\_SAMPLES\03-01-17\_SAMPLES 2017-03-01 11-20-10\03-01-17\_SAMPLES.LOG  
 Sequence start: 3/1/2017 11:35:01 AM  
 Sequence Operator: SYSTEM  
 Operator: SYSTEM  
 Method file name: C:\Chem32\1\Data\03-01-17\_SAMPLES\03-01-17\_SAMPLES 2017-03-01 11-20-10\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 FN092314	-	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	M2017-0745-1-A	-	1.0000	007F0701.D	4
8	8	1	M2017-0745-1-B	-	1.0000	008F0801.D	4
9	9	1	M2017-0746-1-A	-	1.0000	009F0901.D	4
10	10	1	M2017-0746-1-B	-	1.0000	010F1001.D	4
11	11	1	M2017-0801-1-A	-	1.0000	011F1101.D	4
12	12	1	M2017-0801-1-B	-	1.0000	012F1201.D	4
13	13	1	M2017-0802-1-A	-	1.0000	013F1301.D	4
14	14	1	M2017-0802-1-B	-	1.0000	014F1401.D	4
15	15	1	M2017-0803-1-A	-	1.0000	015F1501.D	4
16	16	1	M2017-0803-1-B	-	1.0000	016F1601.D	4
17	17	1	M2017-0804-1-A	-	1.0000	017F1701.D	4
18	18	1	M2017-0804-1-B	-	1.0000	018F1801.D	4
19	19	1	M2017-0806-1-A	-	1.0000	019F1901.D	3
20	20	1	M2017-0806-1-B	-	1.0000	020F2001.D	3
21	21	1	M2017-0809-1-A	-	1.0000	021F2101.D	4
22	22	1	M2017-0809-1-B	-	1.0000	022F2201.D	4
23	23	1	M2017-0812-1-A	-	1.0000	023F2301.D	4
24	24	1	M2017-0812-1-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	M2017-0813-1-A	-	1.0000	027F2701.D	4
28	28	1	M2017-0813-1-B	-	1.0000	028F2801.D	4
29	29	1	M2017-0820-1-A	-	1.0000	029F2901.D	4
30	30	1	M2017-0820-1-B	-	1.0000	030F3001.D	4
31	31	1	M2017-0840-1-A	-	1.0000	031F3101.D	4
32	32	1	M2017-0840-1-B	-	1.0000	032F3201.D	4
33	33	1	M2017-0841-1-A	-	1.0000	033F3301.D	4
34	34	1	M2017-0841-1-B	-	1.0000	034F3401.D	4
35	35	1	M2017-0841-2-A	-	1.0000	035F3501.D	4
36	36	1	M2017-0841-2-B	-	1.0000	036F3601.D	4
37	37	1	M2017-0842-1-A	-	1.0000	037F3701.D	4
38	38	1	M2017-0842-1-B	-	1.0000	038F3801.D	4
39	39	1	M2017-0843-1-A	-	1.0000	039F3901.D	4
40	40	1	M2017-0843-1-B	-	1.0000	040F4001.D	4
41	41	1	M2017-0858-1-A	-	1.0000	041F4101.D	4
42	42	1	M2017-0858-1-B	-	1.0000	042F4201.D	4
43	43	1	M2017-0869-1-A	-	1.0000	043F4301.D	2

*MB*

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2017-0869-1-B	-	1.0000	044F4401.D	2
45	45	1	M2017-0870-2-A	-	1.0000	OnlineEdited0.D	4 *
46	46	1	M2017-0870-2-B	-	1.0000	OnlineEdited1.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	M2017-0886-1-A	-	1.0000	049F4901.D	4
50	50	1	M2017-0886-1-B	-	1.0000	050F5001.D	4
51	51	1	P2017-0413-8-A	-	1.0000	051F5101.D	2
52	52	1	P2017-0413-8-B	-	1.0000	052F5201.D	2
53	53	1	QC2-2-A	-	1.0000	053F5301.D	4
54	54	1	QC2-2-B	-	1.0000	054F5401.D	4
55	55	1	INTERNAL STD BLK	-	1.0000	055F5501.D	2

Method file name: C:\Chem32\1\Data\03-01-17\_SAMPLES\03-01-17\_SAMPLES 2017-03-01 11-20-10 \SHUTDOWN.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
56	56	1	EMPTY	-	1.0000	056F5601.D	0

\* Had to fix item # for this case after sequence already started  
 NB 3/2/17

NB

=====  
Calibration Table  
=====

-----  
General Calibration Setting  
-----

Calib. Data Modified : Wednesday, February 22, 2017 1:42:49 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  
-----

*NB*

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
3.072	1	1	5.00000e-2	4.24364	1.17823e-2	No	No 1	ethanol
		2	1.00000e-1	8.72613	1.14598e-2			
		3	2.00000e-1	17.57187	1.13818e-2			
		4	3.00000e-1	26.50363	1.13192e-2			
		5	5.00000e-1	43.58089	1.14729e-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
4.282	2	1	5.00000e-2	4.22950	1.18217e-2	No	No 2	ethanol
		2	1.00000e-1	8.68541	1.15136e-2			
		3	2.00000e-1	17.86057	1.11979e-2			
		4	3.00000e-1	27.19230	1.10325e-2			
		5	5.00000e-1	45.39256	1.10150e-2			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No 1	acetone
4.619	1	1	1.00000	41.53079	2.40785e-2	No	Yes 1	n-propanol
		2	1.00000	42.11140	2.37465e-2			
		3	1.00000	42.46959	2.35463e-2			
		4	1.00000	42.45809	2.35526e-2			
		5	1.00000	41.80270	2.39219e-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
7.553	2	1	1.00000	42.28305	2.36501e-2	No	Yes 2	n-propanol
		2	1.00000	42.57246	2.34894e-2			
		3	1.00000	42.44277	2.35611e-2			
		4	1.00000	42.48214	2.35393e-2			
		5	1.00000	41.68902	2.39871e-2			

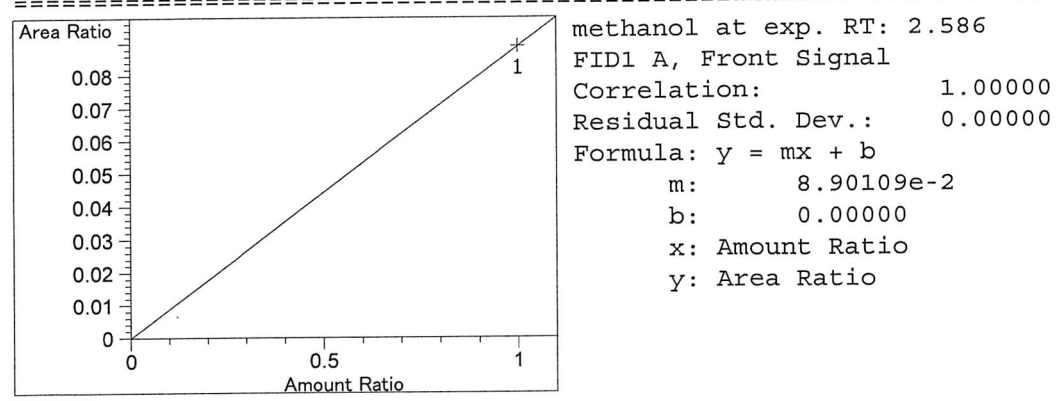
Peak Sum Table

\*\*\*No Entries in table\*\*\*

1 Warnings or Errors :

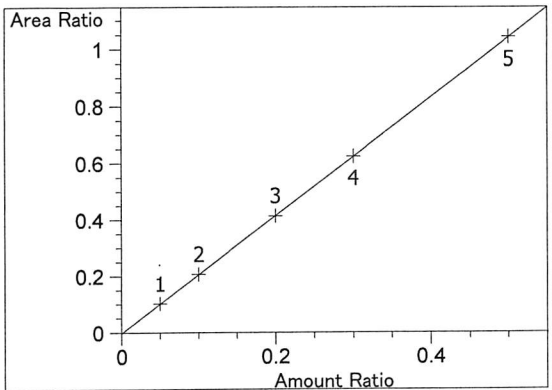
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

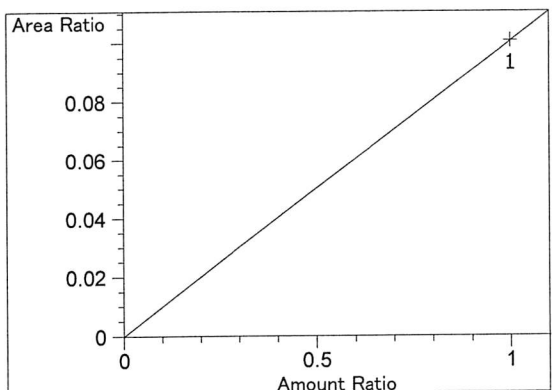


NB

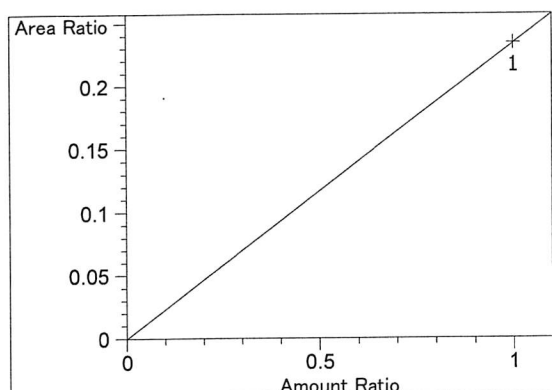




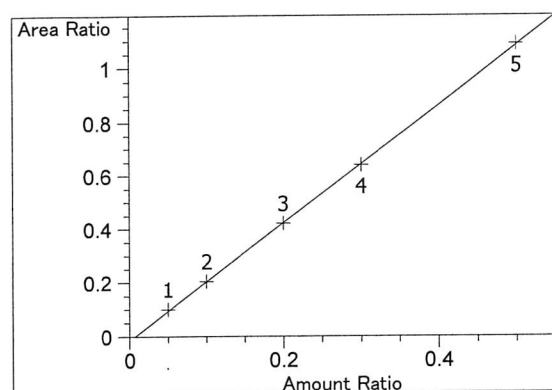
ethanol at exp. RT: 3.072  
FID1 A, Front Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00106  
Formula:  $y = mx + b$   
m: 2.08936  
b: -2.56984e-3  
x: Amount Ratio  
y: Area Ratio



methanol at exp. RT: 3.388  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 1.00764e-1  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio

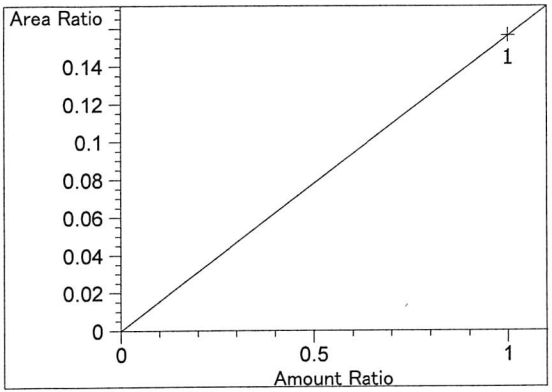


isopropyl alcohol at exp. RT: 3.628  
FID1 A, Front Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 2.34297e-1  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio

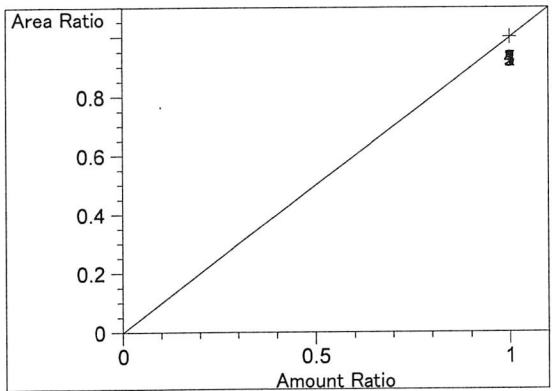


ethanol at exp. RT: 4.282  
FID2 B, Back Signal  
Correlation: 0.99993  
Residual Std. Dev.: 0.00524  
Formula:  $y = mx + b$   
m: 2.20032  
b: -1.53165e-2  
x: Amount Ratio  
y: Area Ratio

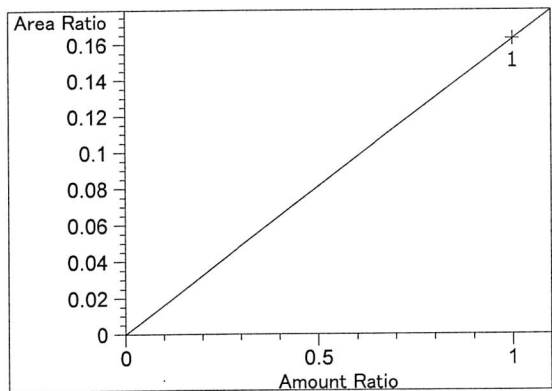




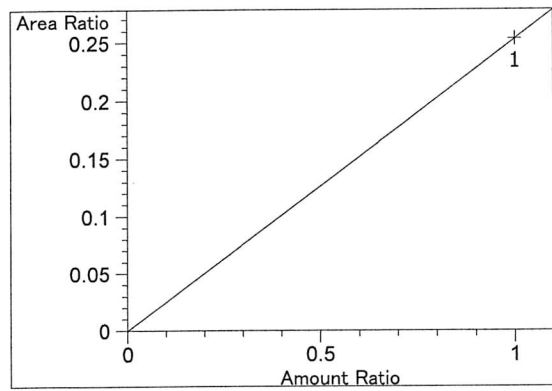
acetone at exp. RT: 4.308  
FID1 A, Front Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 1.56496e-1  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio



n-propanol at exp. RT: 4.619  
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

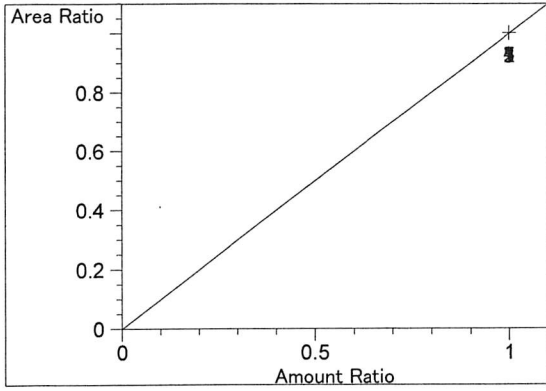


acetone at exp. RT: 4.661  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 1.63021e-1  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio



isopropyl alcohol at exp. RT: 4.969  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 2.53208e-1  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio

NB



n-propanol at exp. RT: 7.553  
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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NB