

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): 2/13/17
calibration: 2/3/17

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Jul-18	1407031	0.0780	0.0702 - 0.0858	0.0770 g/100cc	
					0.0781 g/100cc	
					g/100cc	
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.2001 g/100cc 0.2001 g/100cc g/100cc	
Multi-Component mixture: Exp date: Oct 2019			Lot #	FN09231404	OK	
Curve Fit:			Column 1	0.99995	Column2	0.99985

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	0.0504	0.0524	0.002	0.0514
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.1015	0.1013	0.0002	0.1014
0.200	Mar-17	FN032712-01	0.200	0.180 - 0.220	0.1991	0.1970	0.0021	0.198
0.300	Jun-20	FN06051501	0.300	0.270 - 0.330	0.2975	0.2963	0.0012	0.2969
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5015	0.5029	0.0014	0.5022

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

Issued: 4/22/2015

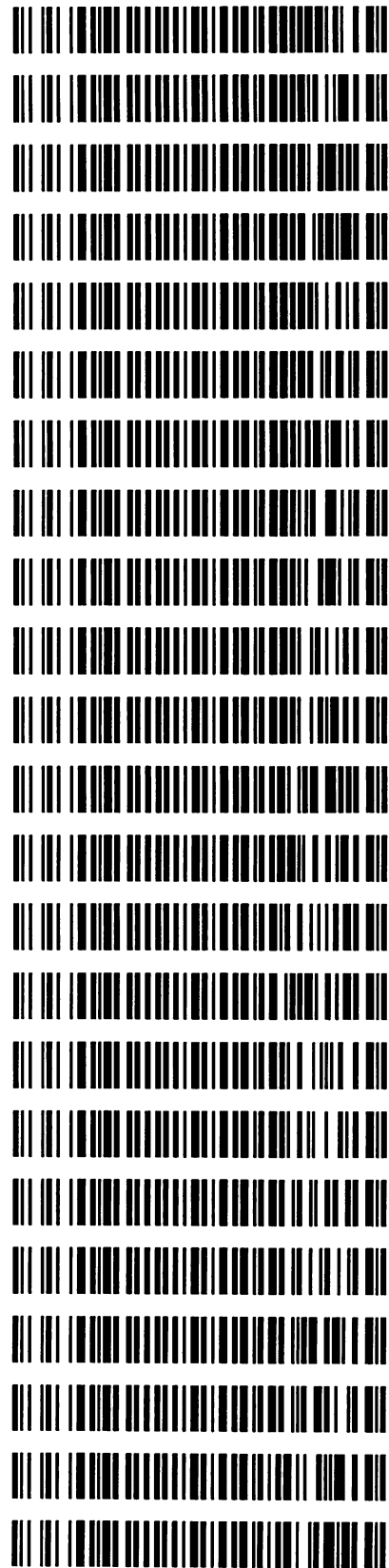
~Any information on this document can be changed for laboratory use, except for the precision and mean determination formulas.

Volatiles QA/QC data spreadsheet Rev 5

Issuing Authority: Quality Manager

Worklist: 1537

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
M2017-0493	4	75699	Alcohol Analysis
M2017-0494	1	75703	Alcohol Analysis
M2017-0495	1	75704	Alcohol Analysis
M2017-0495	2	75787	Alcohol Analysis
M2017-0495	3	75788	Alcohol Analysis
M2017-0495	4	75789	Alcohol Analysis
M2017-0495	5	75790	Alcohol Analysis
M2017-0495	6	75791	Alcohol Analysis
M2017-0495	7	75792	Alcohol Analysis
M2017-0495	8	75793	Alcohol Analysis
M2017-0495	9	75794	Alcohol Analysis
M2017-0510	1	75975	Alcohol Analysis
M2017-0521	1	76021	Alcohol Analysis
M2017-0552	1	76060	Alcohol Analysis
M2017-0557	1	76159	Alcohol Analysis
M2017-0573	1	76321	Alcohol Analysis
M2017-0574	1	76322	Alcohol Analysis
M2017-0589	1	76369	Alcohol Analysis
M2017-0590	1	76373	Alcohol Analysis
M2017-0591	1	76374	Alcohol Analysis
M2017-0592	1	76375	Alcohol Analysis
M2017-0611	1	76444	Alcohol Analysis
M2017-0612	1	76445	Alcohol Analysis



Worklist: 1537

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
M2017-0613	1	76446	Alcohol Analysis



NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 13 Feb 2017

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0768	0.0773	0.0005	0.0770	0.0770	
(g/100cc)	0.0770	0.0772	0.0002	0.0771		

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
0.077	0.073	0.081	0.004

	Reported Result 0.077	
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Calibration and control data are stored centrally.

NB

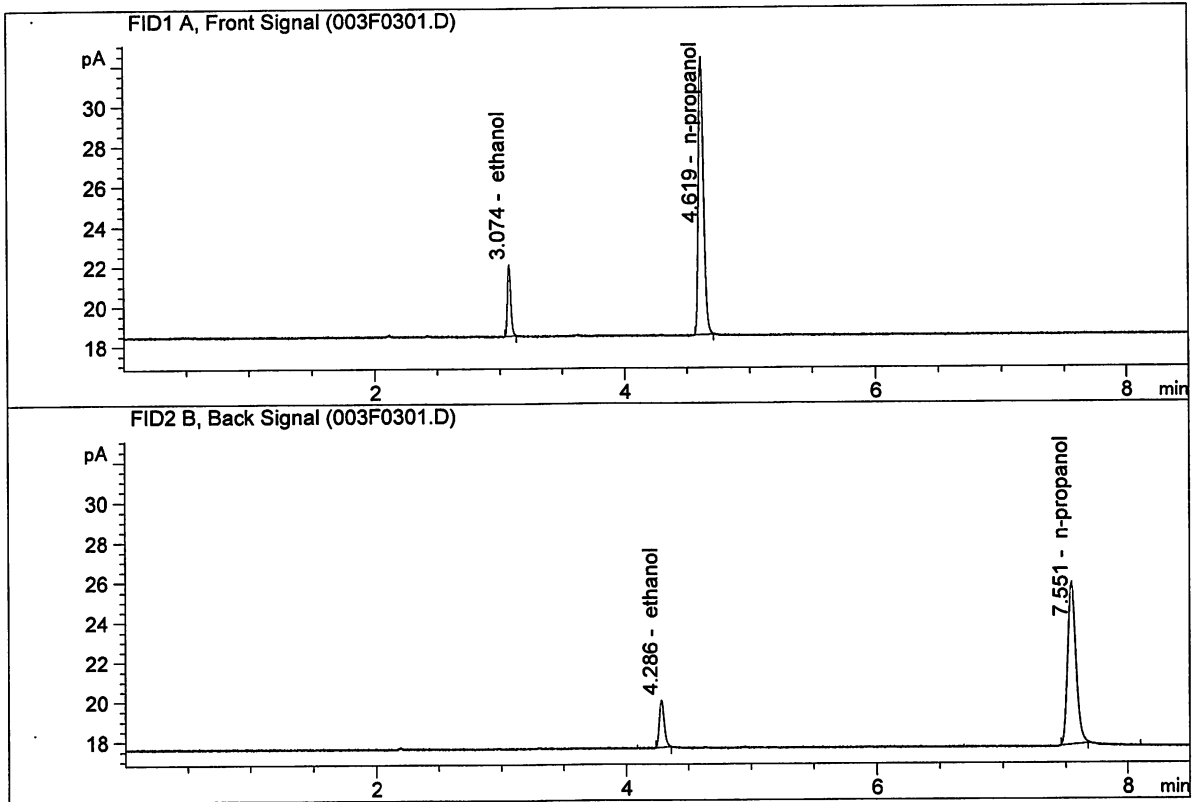
Issued: 12/30/2016

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 : Feb 13, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

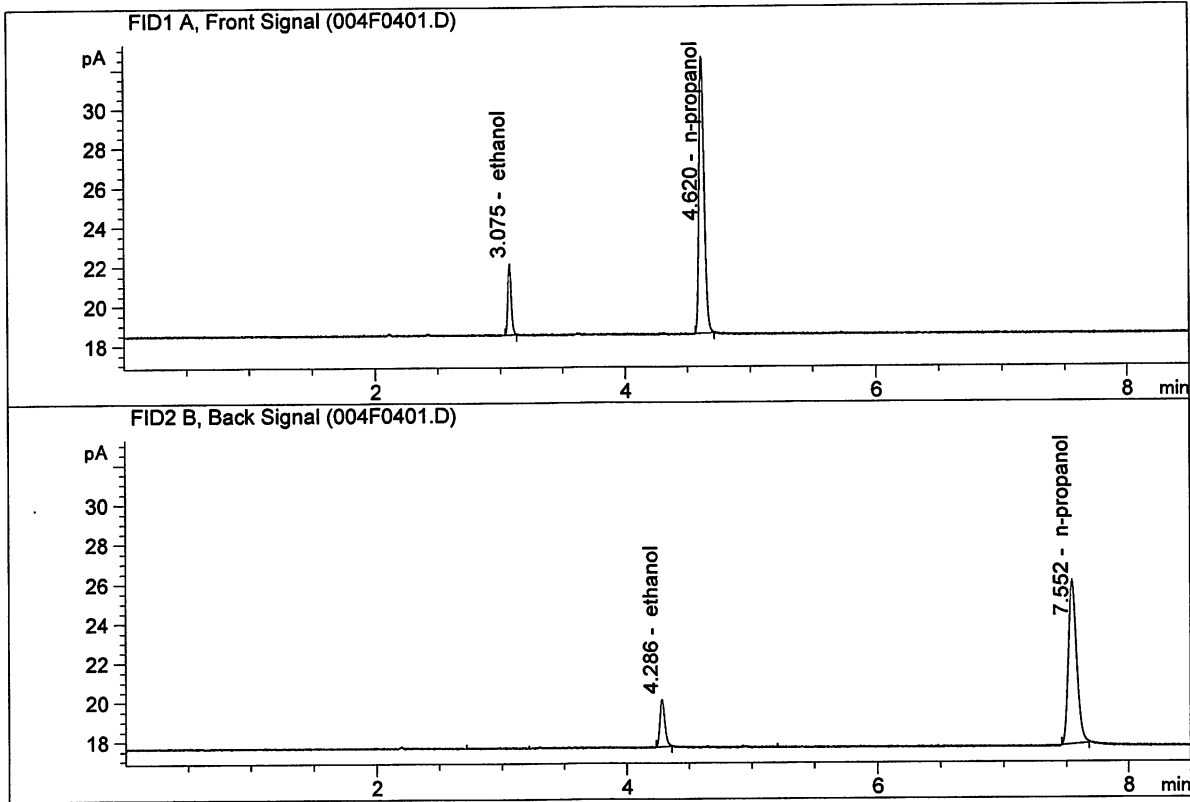


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.59191	0.0768	g/100cc
2.	Ethanol	Column 2:	6.39447	0.0773	g/100cc
3.	n-Propanol	Column 1:	39.53453	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.91584	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
 Laboratory : Meridian
 Injection Date : Feb 13, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.68445	0.0770	g/100cc
2.	Ethanol	Column 2:	6.47165	0.0772	g/100cc
3.	n-Propanol	Column 1:	39.98832	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.39619	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2

Analysis Date(s): 13 Feb 2017

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0773	0.0793	0.0020	0.0783	0.0781	
(g/100cc)	0.0774	0.0786	0.0012	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:
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

	Reported Result	
	0.078	

Calibration and control data are stored centrally.

NB

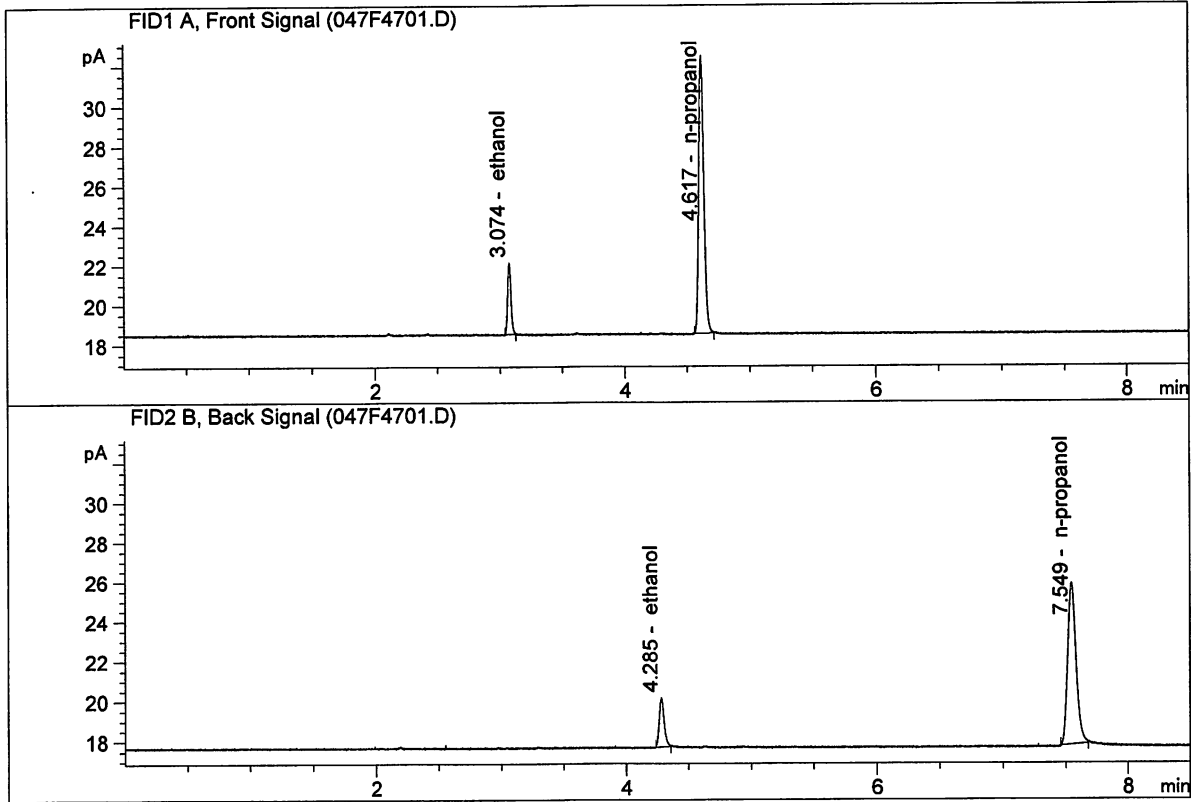
Issued: 12/30/2016

Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
 Laboratory : Meridian
 Injection Date : Feb 13, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

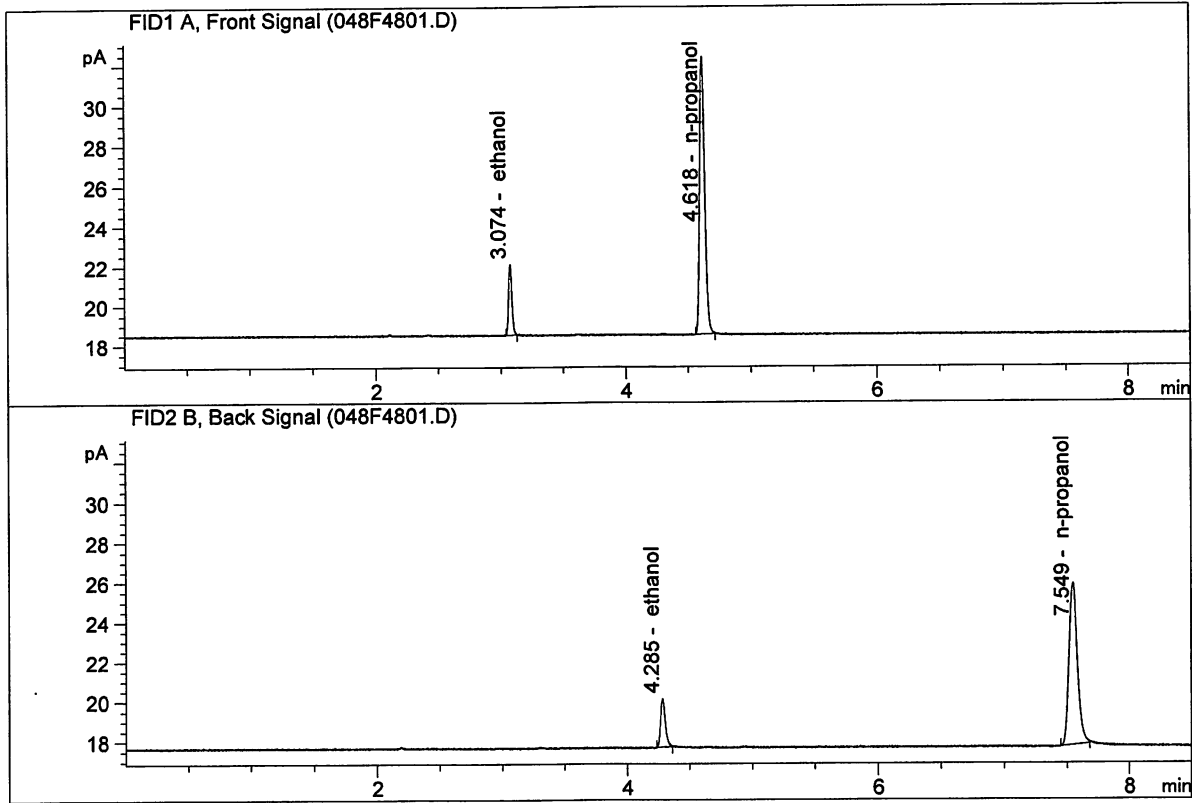


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.63987	0.0773	g/100cc
2.	Ethanol	Column 2:	6.57492	0.0793	g/100cc
3.	n-Propanol	Column 1:	39.58043	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.90201	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
 Laboratory : Meridian
 Injection Date : Feb 13, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.62179	0.0774	g/100cc
2.	Ethanol	Column 2:	6.53463	0.0786	g/100cc
3.	n-Propanol	Column 1:	39.40479	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.99290	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1

Analysis Date(s): 13 Feb 2017

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2000	0.1998	0.0002	0.1999	0.2001	
(g/100cc)	0.2009	0.2000	0.0009	0.2004		

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
0.200	0.190	0.210	0.010

	Reported Result	
	0.200	

Calibration and control data are stored centrally.

NB

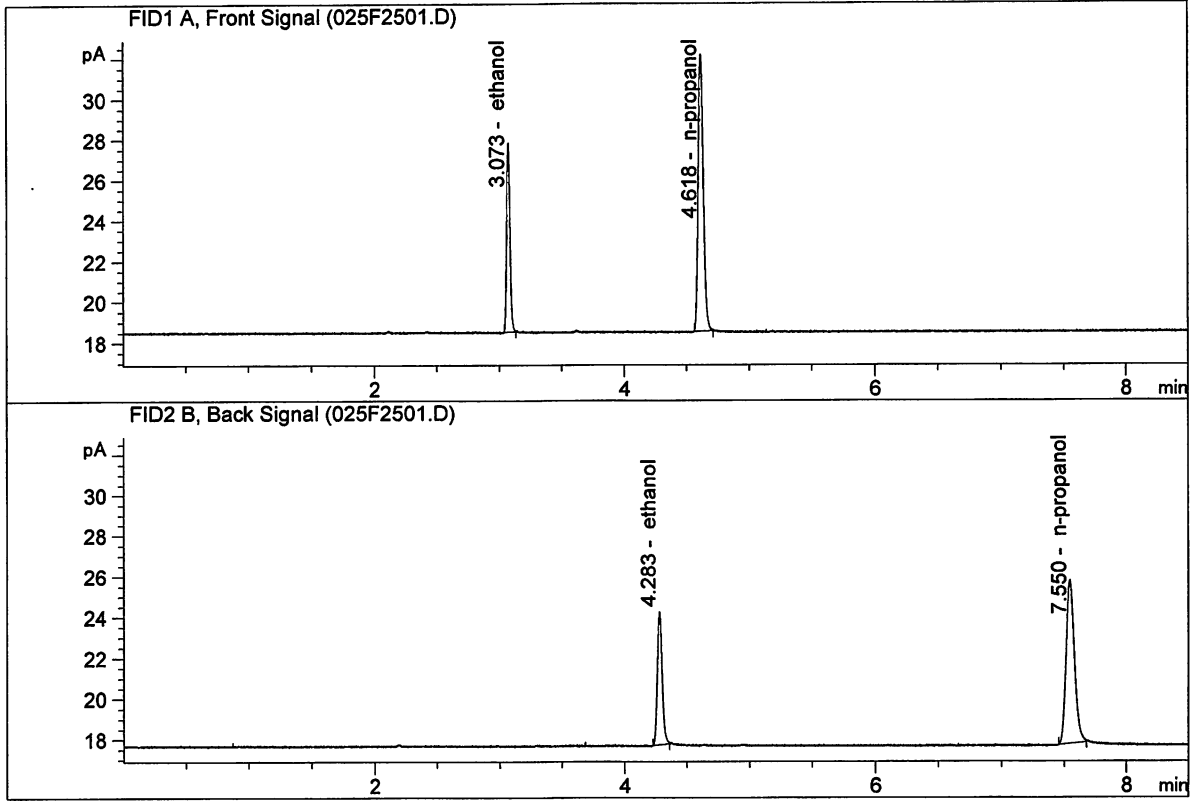
Issued: 12/30/2016

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 : Feb 13, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

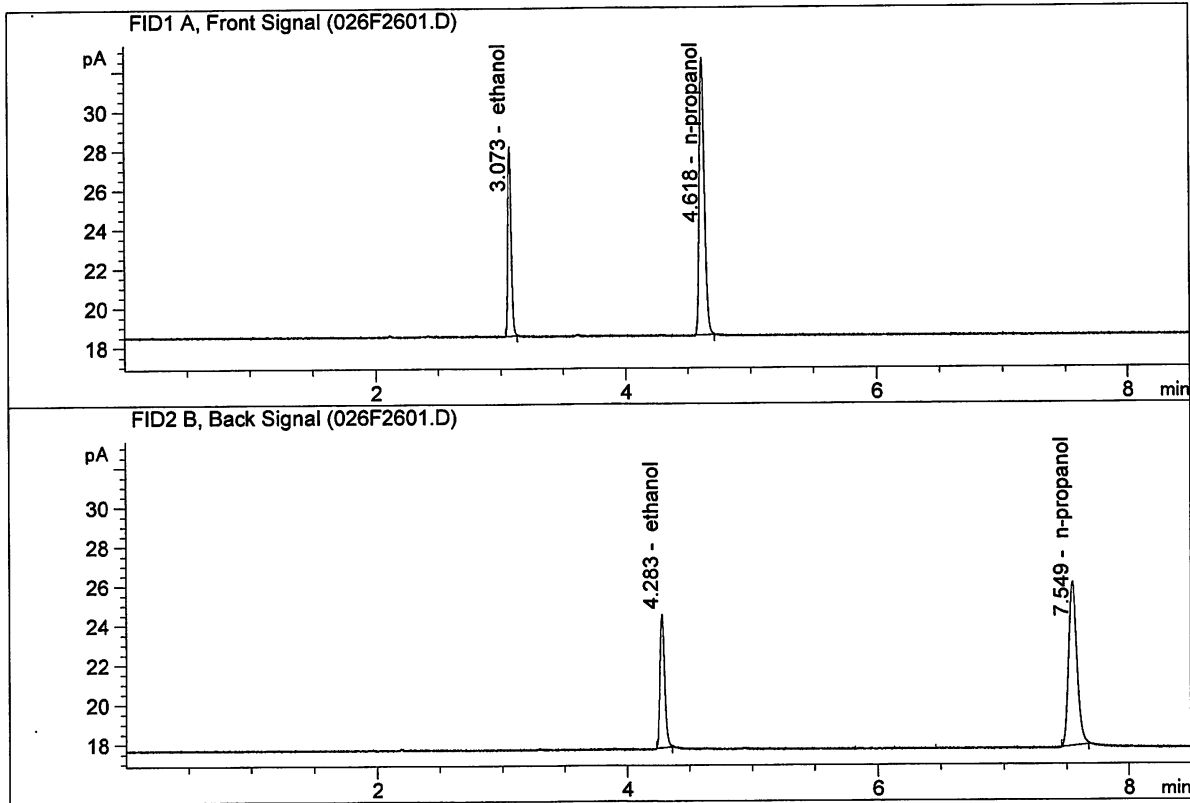


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.03239	0.2000	g/100cc
2.	Ethanol	Column 2:	17.33163	0.1998	g/100cc
3.	n-Propanol	Column 1:	38.79077	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.30442	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
 Laboratory : Meridian
 Injection Date : Feb 13, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.59823	0.2009	g/100cc
2.	Ethanol	Column 2:	17.85485	0.2000	g/100cc
3.	n-Propanol	Column 1:	39.91352	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.40826	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2

Analysis Date(s): 13 Feb 2017

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2010	0.2005	0.0005	0.2007	0.2001	
(g/100cc)	0.1998	0.1993	0.0005	0.1995		

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
0.200	0.190	0.210	0.010

	Reported Result 0.200	
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Calibration and control data are stored centrally.

NB

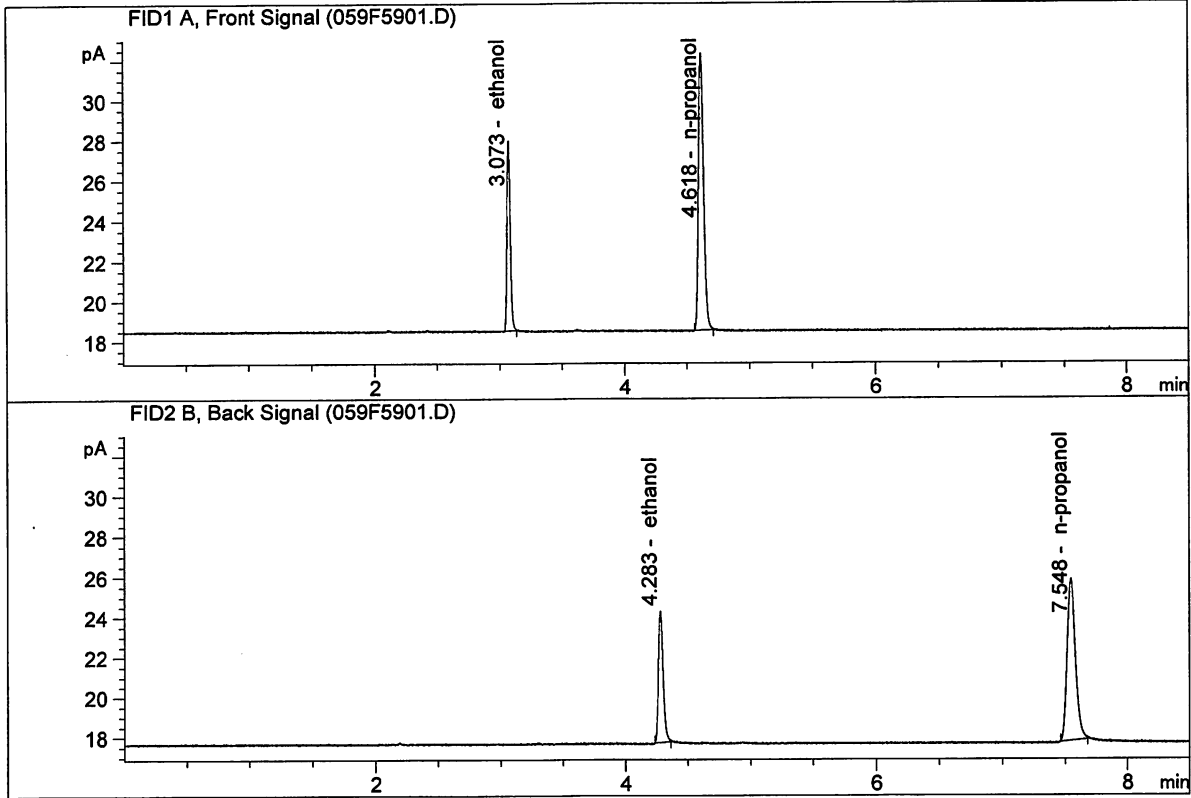
Issued: 12/30/2016

Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
 Laboratory : Meridian
 Injection Date : Feb 13, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

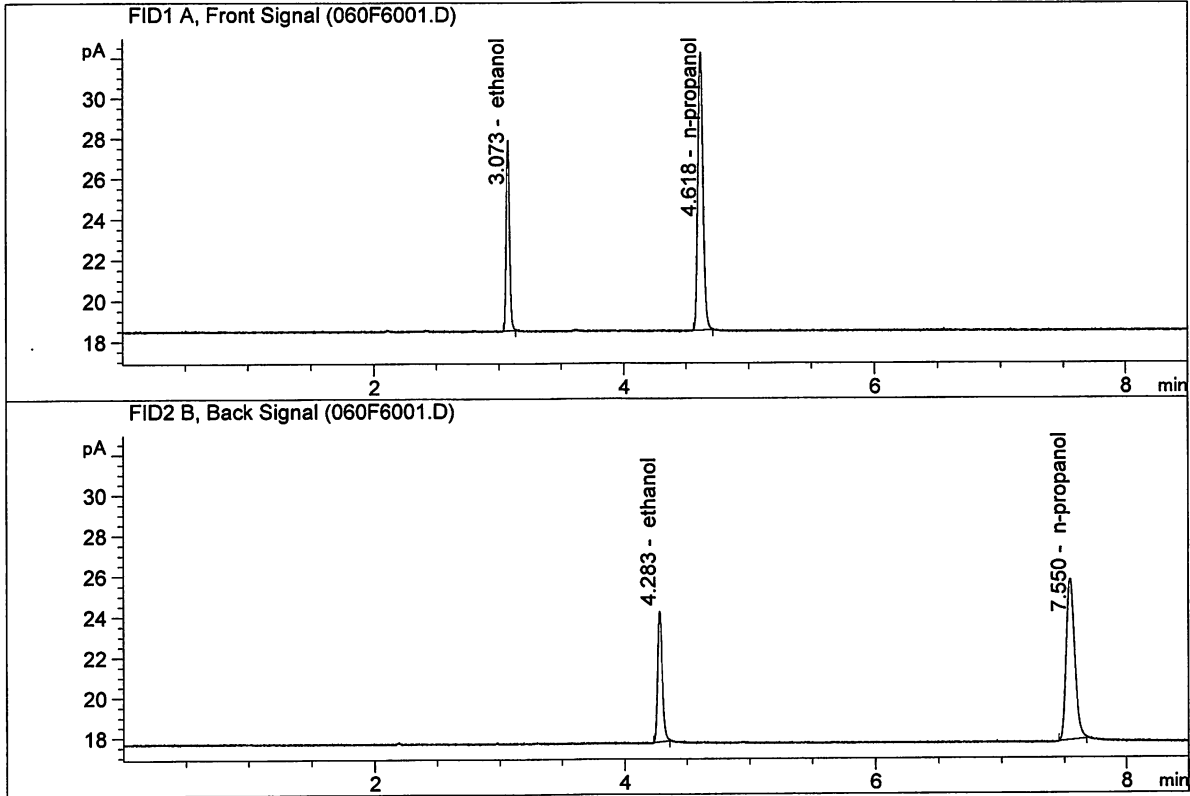


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.33328	0.2010	g/100cc
2.	Ethanol	Column 2:	17.50067	0.2005	g/100cc
3.	n-Propanol	Column 1:	39.29033	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.52576	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
 Laboratory : Meridian
 Injection Date : Feb 13, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.15441	0.1998	g/100cc
2.	Ethanol	Column 2:	17.33989	0.1993	g/100cc
3.	n-Propanol	Column 1:	39.11008	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.41610	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510

Analysis Date(s): 13 Feb 2017

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0794	0.0809	0.0015	0.0801	0.0802
(g/100cc)	0.0796	0.0811	0.0015	0.0803	

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
0.080	0.076	0.084	0.004

Reported Result	
0.080	

Calibration and control data are stored centrally.

NB

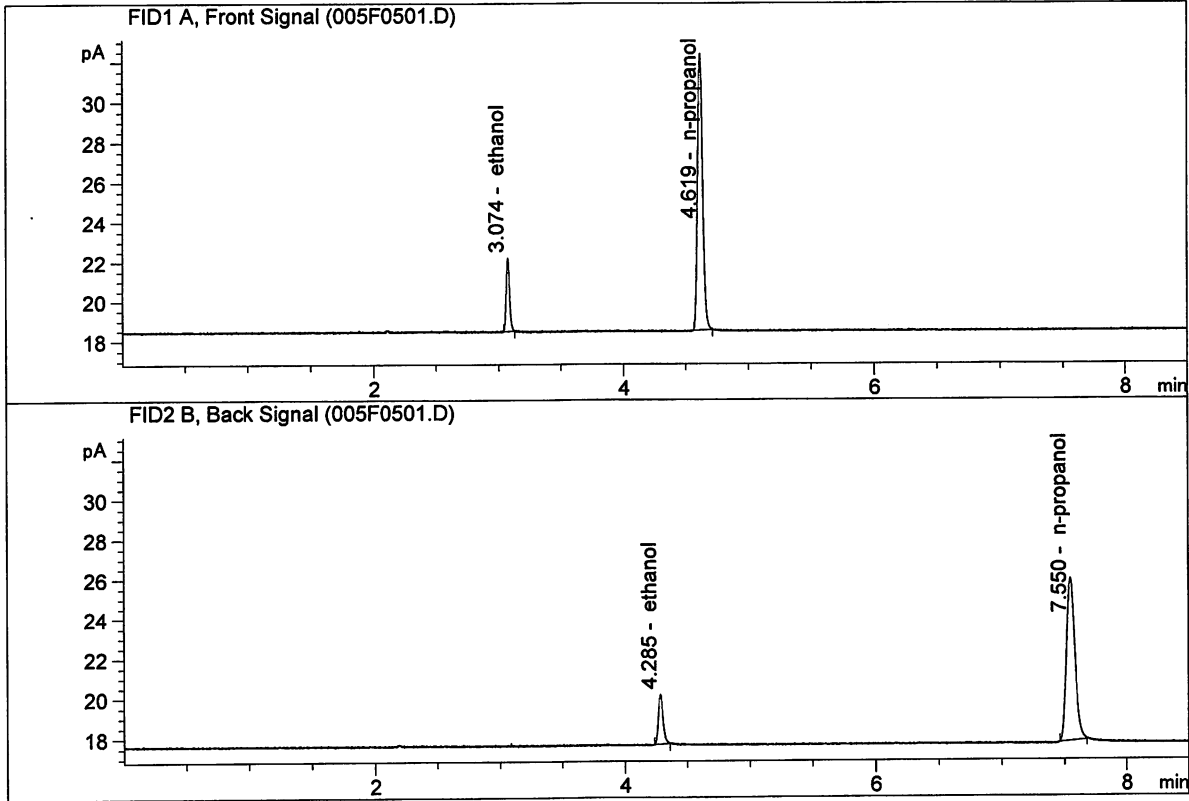
Issued: 12/30/2016

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 : Feb 13, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

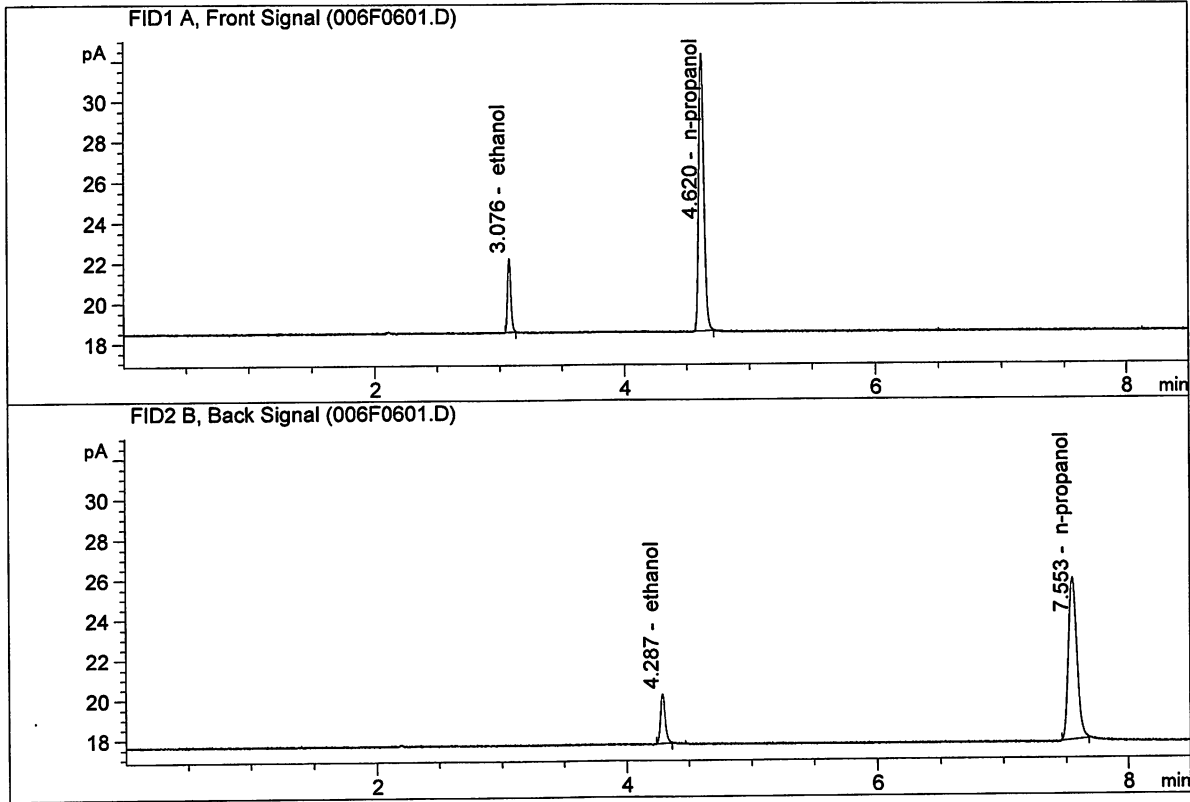


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.84116	0.0794	g/100cc
2.	Ethanol	Column 2:	6.76950	0.0809	g/100cc
3.	n-Propanol	Column 1:	39.68357	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.14973	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
 Laboratory : Meridian
 Injection Date : Feb 13, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

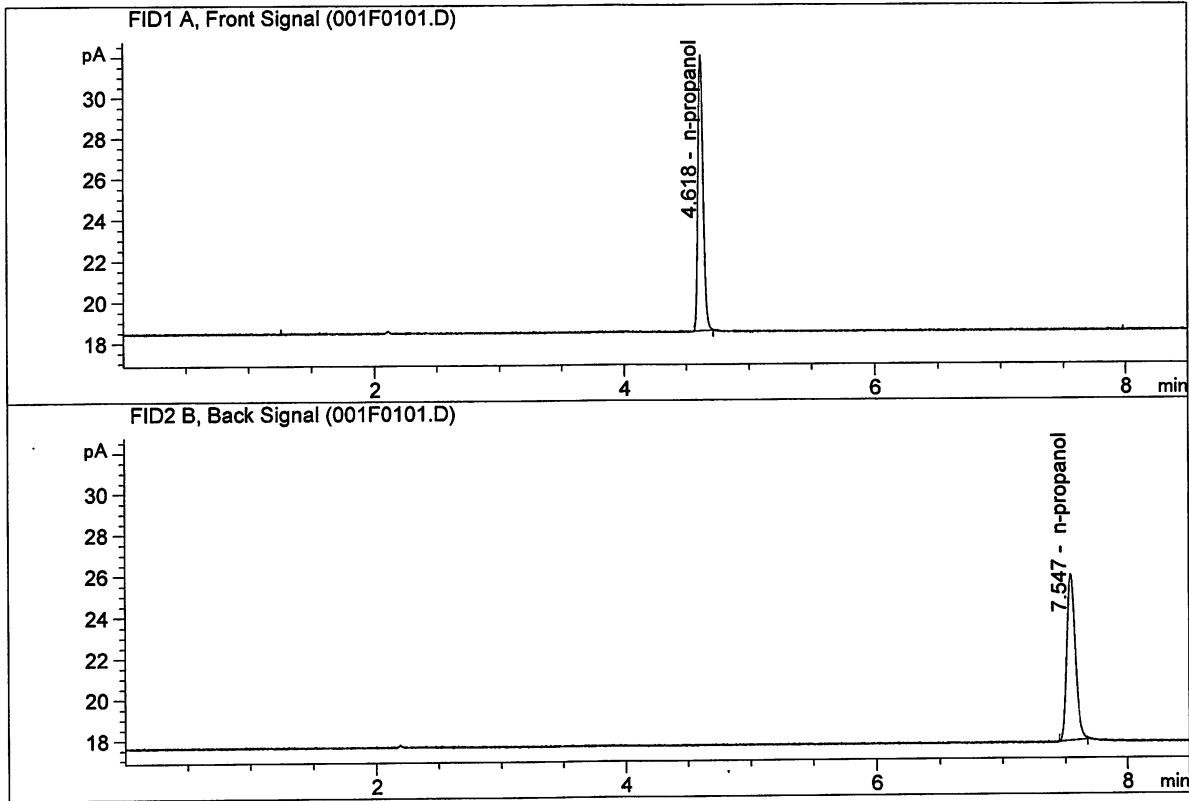


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.80817	0.0796	g/100cc
2.	Ethanol	Column 2:	6.72279	0.0811	g/100cc
3.	n-Propanol	Column 1:	39.40061	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.78093	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
 Laboratory : Meridian
 Injection Date : Feb 13, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

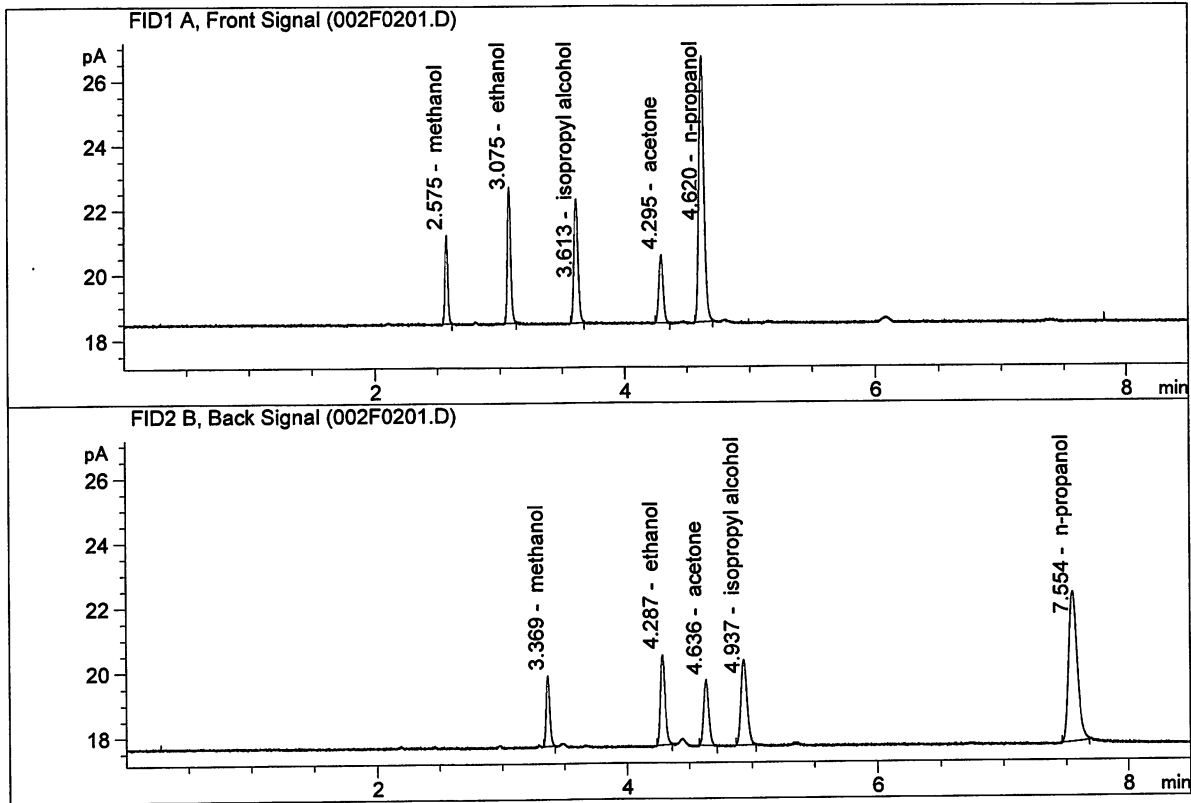


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	38.66883	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.16021	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN09231404
 Laboratory : Meridian
 Injection Date : Feb 13, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

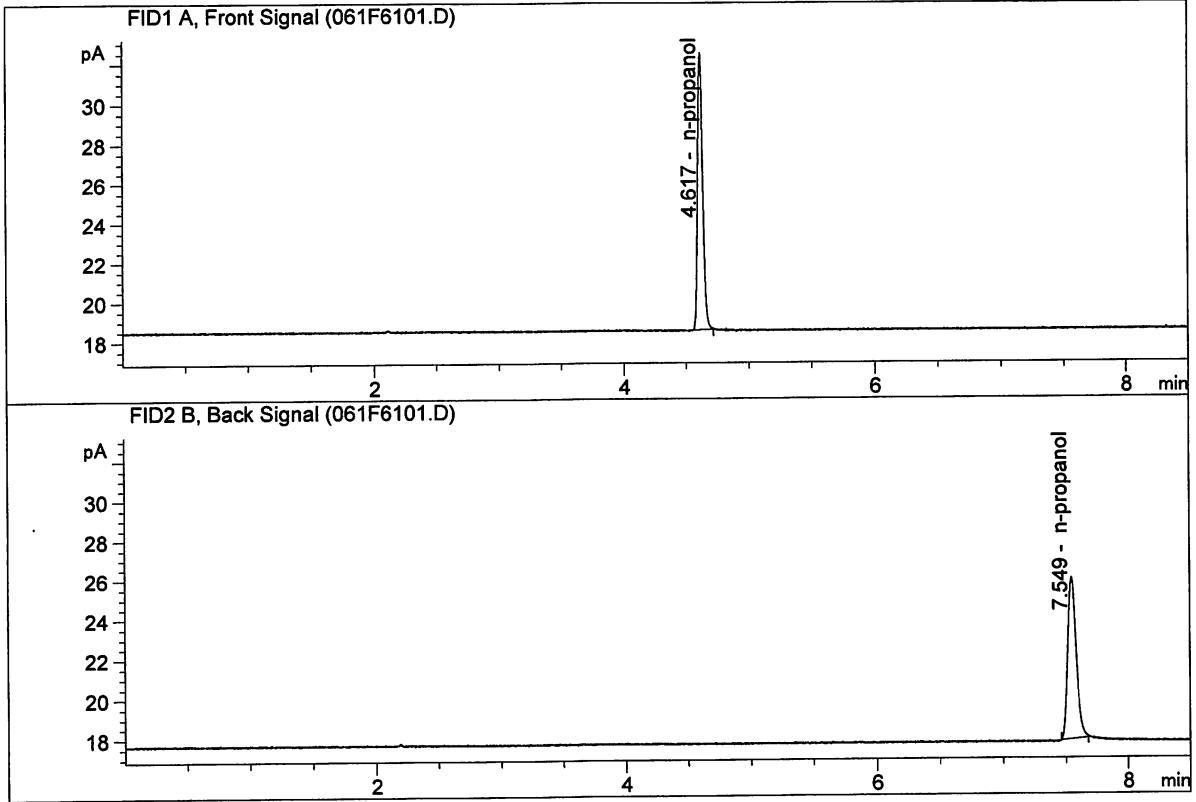


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.58623	0.1489	g/100cc
2.	Ethanol	Column 2:	7.46362	0.1488	g/100cc
3.	n-Propanol	Column 1:	23.26676	1.0000	g/100cc
4.	n-Propanol	Column 2:	22.44625	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
 Laboratory : Meridian
 Injection Date : Feb 13, 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:	39.64770	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.92003	1.0000	g/100cc

NB

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

Sequence table: C:\Chem32\1\Data\02-13-17_SAMPLES\02-13-17_SAMPLES 2017-02-13 11-12-17\02-13-17_SAMPLES.S
 Data directory path: C:\Chem32\1\Data\02-13-17_SAMPLES\02-13-17_SAMPLES 2017-02-13 11-12-17\
 Logbook: C:\Chem32\1\Data\02-13-17_SAMPLES\02-13-17_SAMPLES 2017-02-13 11-12-17\02-13-17_SAMPLES.LOG
 Sequence start: 2/13/2017 11:27:01 AM
 Sequence Operator: SYSTEM
 Operator: SYSTEM
 Method file name: C:\Chem32\1\Data\02-13-17_SAMPLES\02-13-17_SAMPLES 2017-02-13 11-12-17\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	M2017-0493-4-A	-	1.0000	007F0701.D		4
8	8	1	M2017-0493-4-B	-	1.0000	008F0801.D		4
9	9	1	M2017-0494-1-A	-	1.0000	009F0901.D		4
10	10	1	M2017-0494-1-B	-	1.0000	010F1001.D		4
11	11	1	M2017-0495-1-A	-	1.0000	011F1101.D		2
12	12	1	M2017-0495-1-B	-	1.0000	012F1201.D		2
13	13	1	M2017-0495-2-A	-	1.0000	013F1301.D		2
14	14	1	M2017-0495-2-B	-	1.0000	014F1401.D		2
15	15	1	M2017-0495-3-A	-	1.0000	015F1501.D		2
16	16	1	M2017-0495-3-B	-	1.0000	016F1601.D		2
17	17	1	M2017-0495-4-A	-	1.0000	017F1701.D		2
18	18	1	M2017-0495-4-B	-	1.0000	018F1801.D		2
19	19	1	M2017-0495-5-A	-	1.0000	019F1901.D		2
20	20	1	M2017-0495-5-B	-	1.0000	020F2001.D		2
21	21	1	M2017-0495-6-A	-	1.0000	021F2101.D		2
22	22	1	M2017-0495-6-B	-	1.0000	022F2201.D		2
23	23	1	M2017-0495-7-A	-	1.0000	023F2301.D		2
24	24	1	M2017-0495-7-B	-	1.0000	024F2401.D		2
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	M2017-0495-8-A	-	1.0000	027F2701.D		2
28	28	1	M2017-0495-8-B	-	1.0000	028F2801.D		2
29	29	1	M2017-0495-9-A	-	1.0000	029F2901.D		2
30	30	1	M2017-0495-9-B	-	1.0000	030F3001.D		2
31	31	1	M2017-0510-1-A	-	1.0000	031F3101.D		4
32	32	1	M2017-0510-1-B	-	1.0000	032F3201.D		4
33	33	1	M2017-0521-1-A	-	1.0000	033F3301.D		4
34	34	1	M2017-0521-1-B	-	1.0000	034F3401.D		4
35	35	1	M2017-0552-1-A	-	1.0000	035F3501.D		4
36	36	1	M2017-0552-1-B	-	1.0000	036F3601.D		4
37	37	1	M2017-0557-1-A	-	1.0000	037F3701.D		4
38	38	1	M2017-0557-1-B	-	1.0000	038F3801.D		4
39	39	1	M2017-0573-1-A	-	1.0000	039F3901.D		4
40	40	1	M2017-0573-1-B	-	1.0000	040F4001.D		4
41	41	1	M2017-0574-1-A	-	1.0000	041F4101.D		3
42	42	1	M2017-0574-1-B	-	1.0000	042F4201.D		3
43	43	1	M2017-0589-1-A	-	1.0000	043F4301.D		4

NB

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
44	44	1	M2017-0589-1-B	-	1.0000	044F4401.D		4
45	45	1	M2017-0590-1-A	-	1.0000	045F4501.D		4
46	46	1	M2017-0590-1-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	M2017-0591-1-A	-	1.0000	049F4901.D		4
50	50	1	M2017-0591-1-B	-	1.0000	050F5001.D		4
51	51	1	M2017-0592-1-A	-	1.0000	051F5101.D		4
52	52	1	M2017-0592-1-B	-	1.0000	052F5201.D		4
53	53	1	M2017-0611-1-A	-	1.0000	053F5301.D		4
54	54	1	M2017-0611-1-B	-	1.0000	054F5401.D		4
55	55	1	M2017-0612-1-A	-	1.0000	055F5501.D		2
56	56	1	M2017-0612-1-B	-	1.0000	056F5601.D		2
57	57	1	M2017-0613-1-A	-	1.0000	057F5701.D		4
58	58	1	M2017-0613-1-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

Method file name: C:\Chem32\1\Data\02-13-17_SAMPLES\02-13-17_SAMPLES 2017-02-13 11-12-17
 \SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
62	62	1	EMPTY	-	1.0000	062F6201.D		0

NB

=====
Calibration Table
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General Calibration Setting

Calib. Data Modified : Friday, February 03, 2017 3:33:40 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

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	4.00417	1.24870e-2	No	No 1	ethanol
		2	1.00000e-1	8.95518	1.11667e-2			
		3	2.00000e-1	16.56608	1.20729e-2			
		4	3.00000e-1	24.66450	1.21632e-2			
		5	5.00000e-1	42.85003	1.16686e-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	3.88082	1.28839e-2	No	No 2	ethanol
		2	1.00000e-1	8.89182	1.12463e-2			
		3	2.00000e-1	16.68670	1.19856e-2			
		4	3.00000e-1	25.16375	1.19219e-2			
		5	5.00000e-1	44.28771	1.12898e-2			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No 1	acetone
4.619	1	1	1.00000	36.98947	2.70347e-2	No	Yes 1	n-propanol
		2	1.00000	40.48526	2.47004e-2			
		3	1.00000	37.90905	2.63789e-2			
		4	1.00000	37.68011	2.65392e-2			
		5	1.00000	38.75839	2.58009e-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	36.63046	2.72997e-2	No	Yes 2	n-propanol
		2	1.00000	40.23993	2.48509e-2			
		3	1.00000	37.42031	2.67235e-2			
		4	1.00000	37.03076	2.70046e-2			
		5	1.00000	38.00434	2.63128e-2			

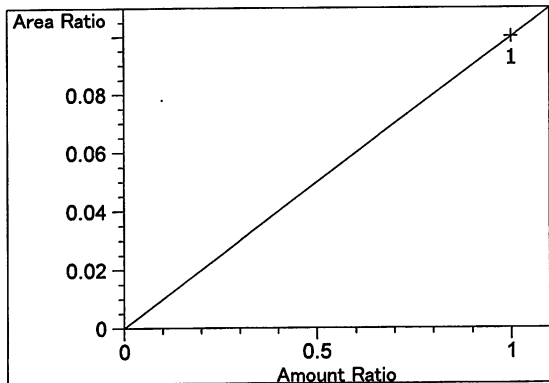
Peak Sum Table

No Entries in table

1 Warnings or Errors :

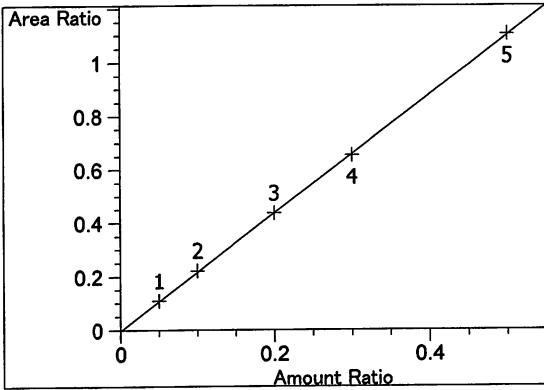
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

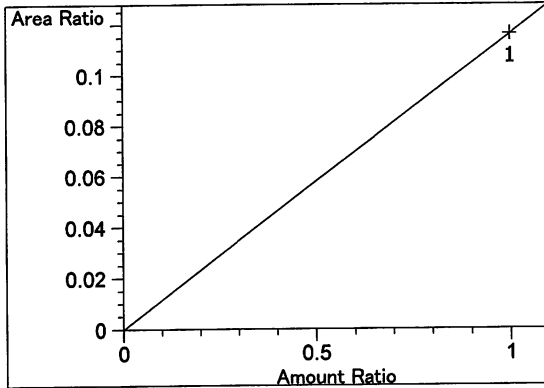


methanol at exp. RT: 2.586
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 9.99391e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

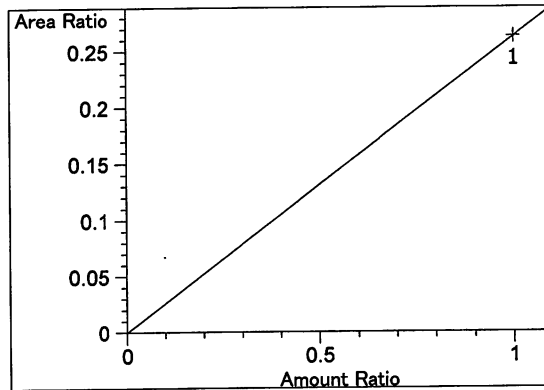
NB



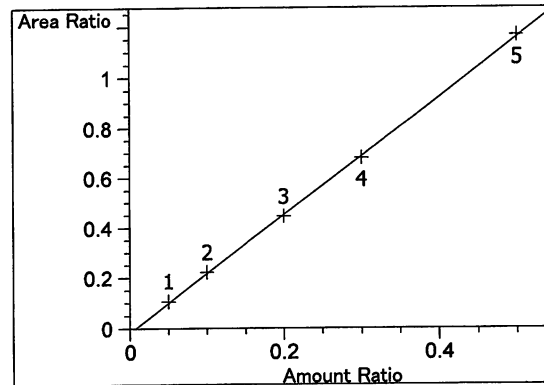
ethanol at exp. RT: 3.072
 FID1 A, Front Signal
 Correlation: 0.99995
 Residual Std. Dev.: 0.00435
 Formula: $y = mx + b$
 m: 2.21073
 b: -3.14969e-3
 x: Amount Ratio
 y: Area Ratio



methanol at exp. RT: 3.388
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 1.16314e-1
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

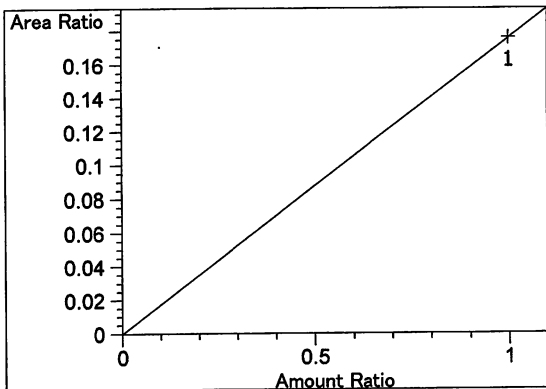


isopropyl alcohol at exp. RT: 3.628
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 2.63063e-1
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

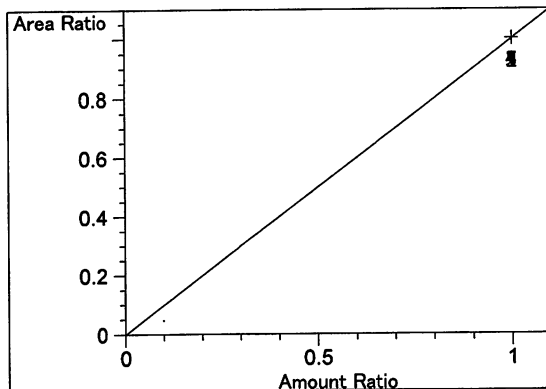


ethanol at exp. RT: 4.282
 FID2 B, Back Signal
 Correlation: 0.99985
 Residual Std. Dev.: 0.00844
 Formula: $y = mx + b$
 m: 2.35182
 b: -1.73773e-2
 x: Amount Ratio
 y: Area Ratio

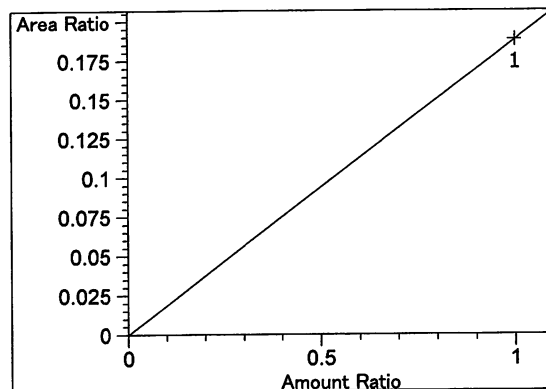
NB



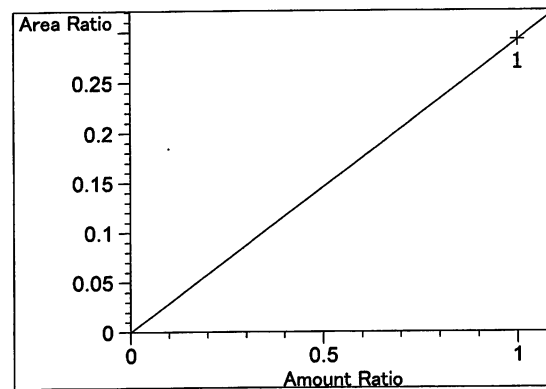
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.75709e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



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

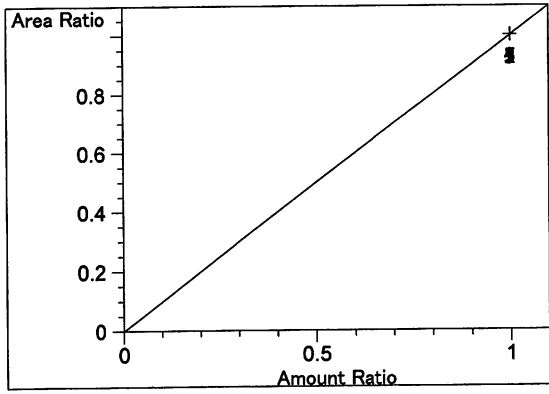


acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.88177e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 2.92282e-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