

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: 11/1/18

Calibration Date: 10/31/18

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0773 g/100cc 0.0815 g/100cc g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2009 g/100cc g/100cc
Multi-Component mixture:		Exp date: May 2022 ^{Sept 2022} dc	Lot #	FN04171701 ^{dc}	OK
Curve Fit:		Column 1	0.99997	Column 2	0.99998

Ethanol Calibration Reference Material		Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
Calibrator level	Expiration	Cerilliant Lot #					
0.050	Jul-19	FN06231406	0.050	0.045 - 0.055	0.0499	0.0512	0.0013
0.080			0.080	0.072 - 0.088			0
0.100	Aug-21	FN08101601	0.100	0.090 - 0.110	0.0993	0.0994	0.0001
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1995	0.1986	0.0009
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.3022	0.3007	0.0015
0.400			0.400	0.360 - 0.440			0
0.500	Sep-21	FN08031602	0.500	0.450 - 0.550	0.4990	0.5002	0.0012

Aqueous Controls		Target Value	Acceptable Range	Overall Results
Control level	Expiration	Cerilliant Lot #		
0.080	May-22	FN04171701	0.08000	0.076 - 0.084
				0.079 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.

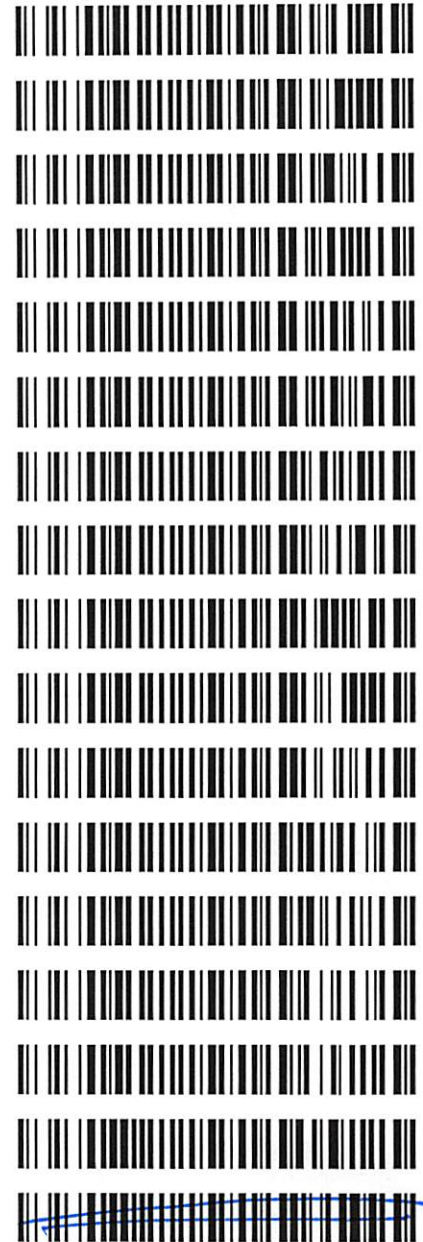
Volatiles QA/QC data spreadsheet Rev 5

Issuing Authority: Quality Manager



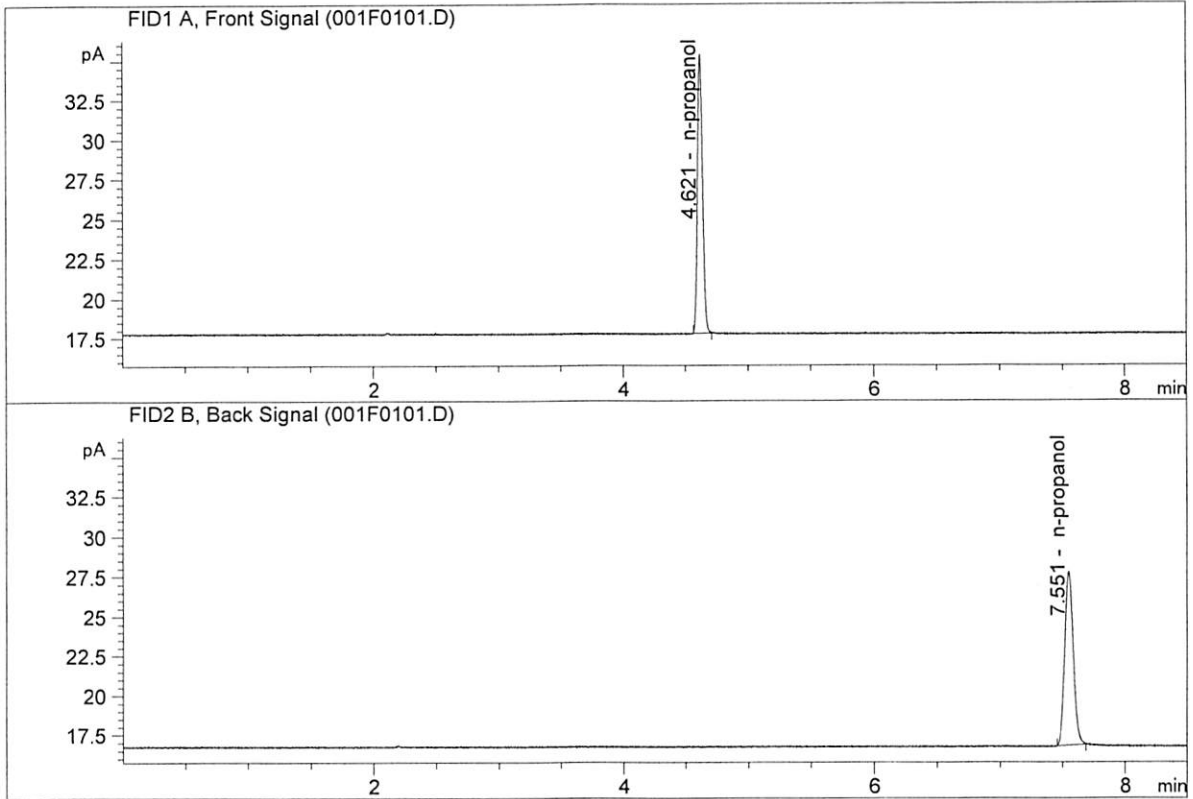
Worklist: 2775

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
M2018-5301	1	129819	Alcohol Analysis
M2018-5309	1	129833	Alcohol Analysis
M2018-5310	1	129834	Alcohol Analysis
M2018-5313	2	129842	Alcohol Analysis
M2018-5314	1	129843	Alcohol Analysis
M2018-5315	2	129848	Alcohol Analysis
M2018-5333	1	129924	Alcohol Analysis
M2018-5334	1	129925	Alcohol Analysis
M2018-5348	1	130053	Alcohol Analysis
M2018-5352	1	130069	Alcohol Analysis
M2018-5353	1	130070	Alcohol Analysis
M2018-5354	1	130078	Alcohol Analysis
M2018-5355	1	130088	Alcohol Analysis
M2018-5372	1	130134	Alcohol Analysis
M2018-5373	1	130142	Alcohol Analysis
P2018-2986	1	129261	Alcohol Analysis
P2018-3069-JC 3029	1	129952-JC	Alcohol Analysis



ISP Forensic Services Blood Alcohol Report

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

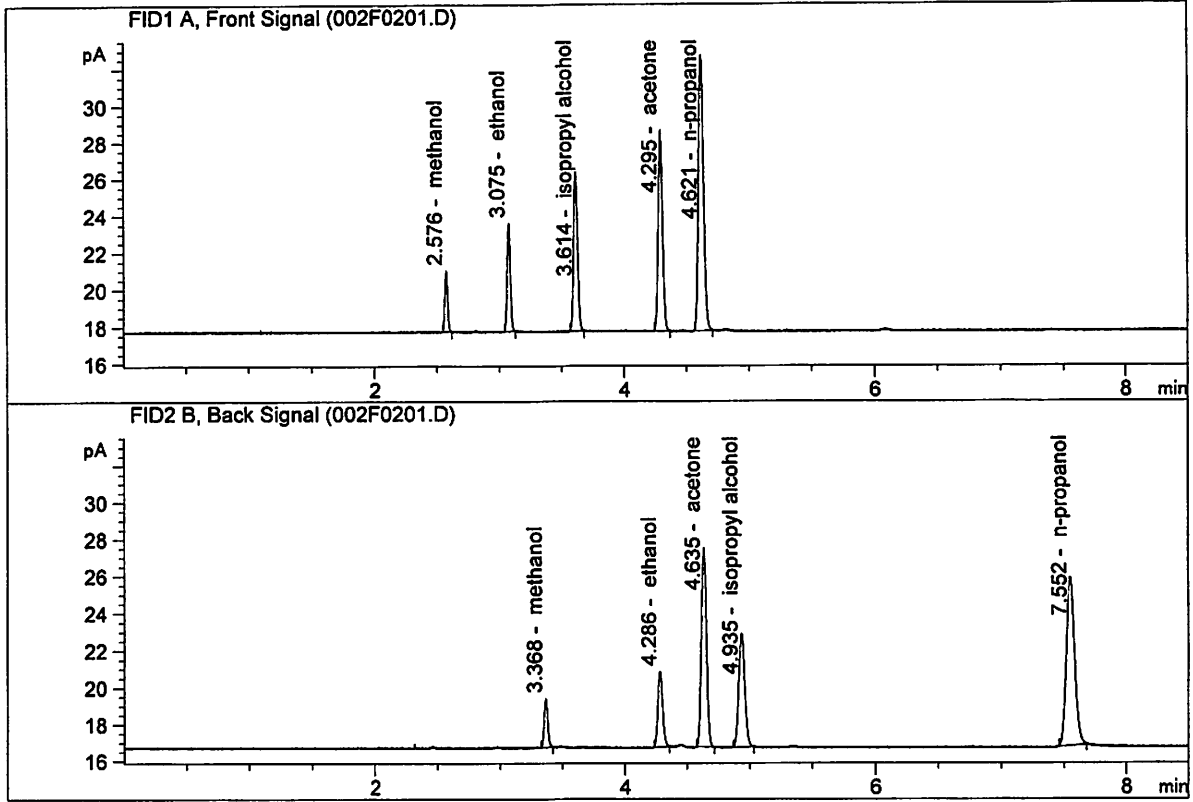


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	49.81468	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.46694	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
 Laboratory : Meridian
 Injection Date : Nov 1, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	10.37486	0.1354	g/100cc
2.	Ethanol	Column 2:	10.81899	0.1365	g/100cc
3.	n-Propanol	Column 1:	42.07954	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.48162	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 01 Nov 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0768	0.0779	0.0011	0.0773	0.0773	
(g/100cc)	0.0768	0.0779	0.0011	0.0773		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument method is stored centrally.

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

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	0.073	0.081	0.004

	Reported Result	
	0.077	

Calibration and control data are stored centrally.

Issued: 12/30/2016

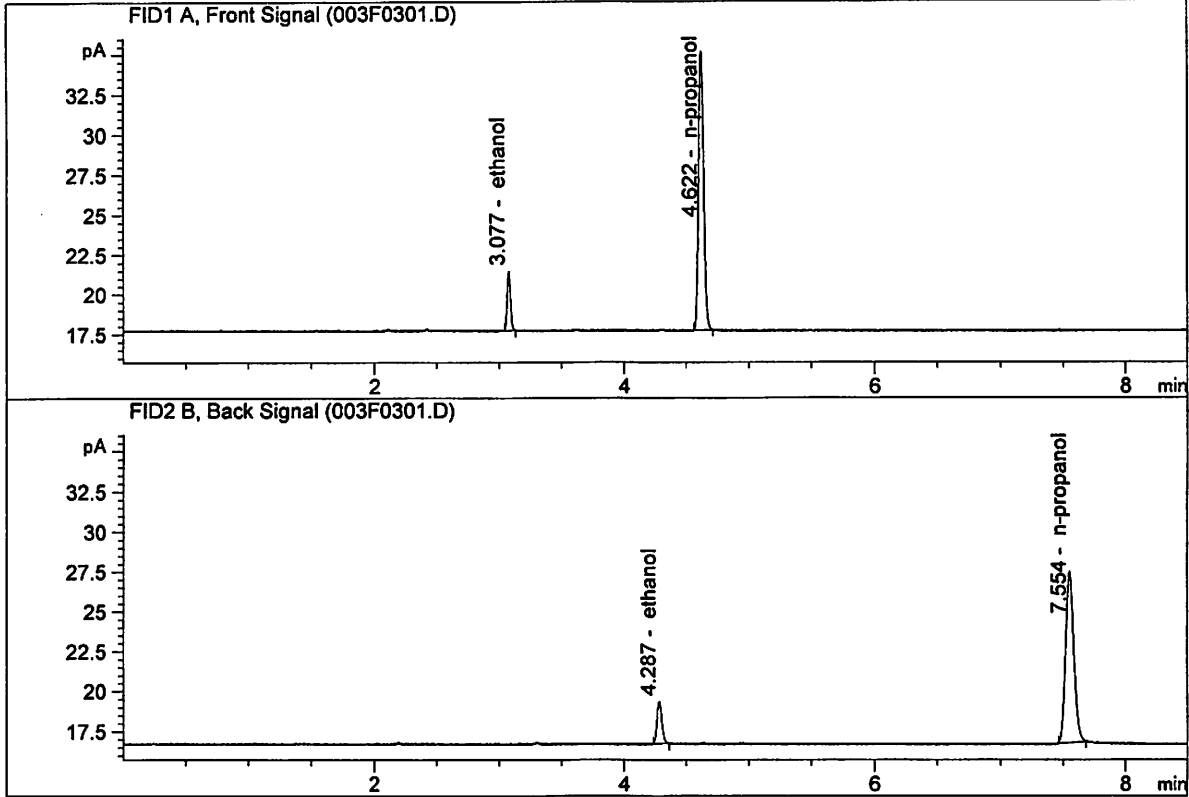
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

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ISP Forensic Services Blood Alcohol Report

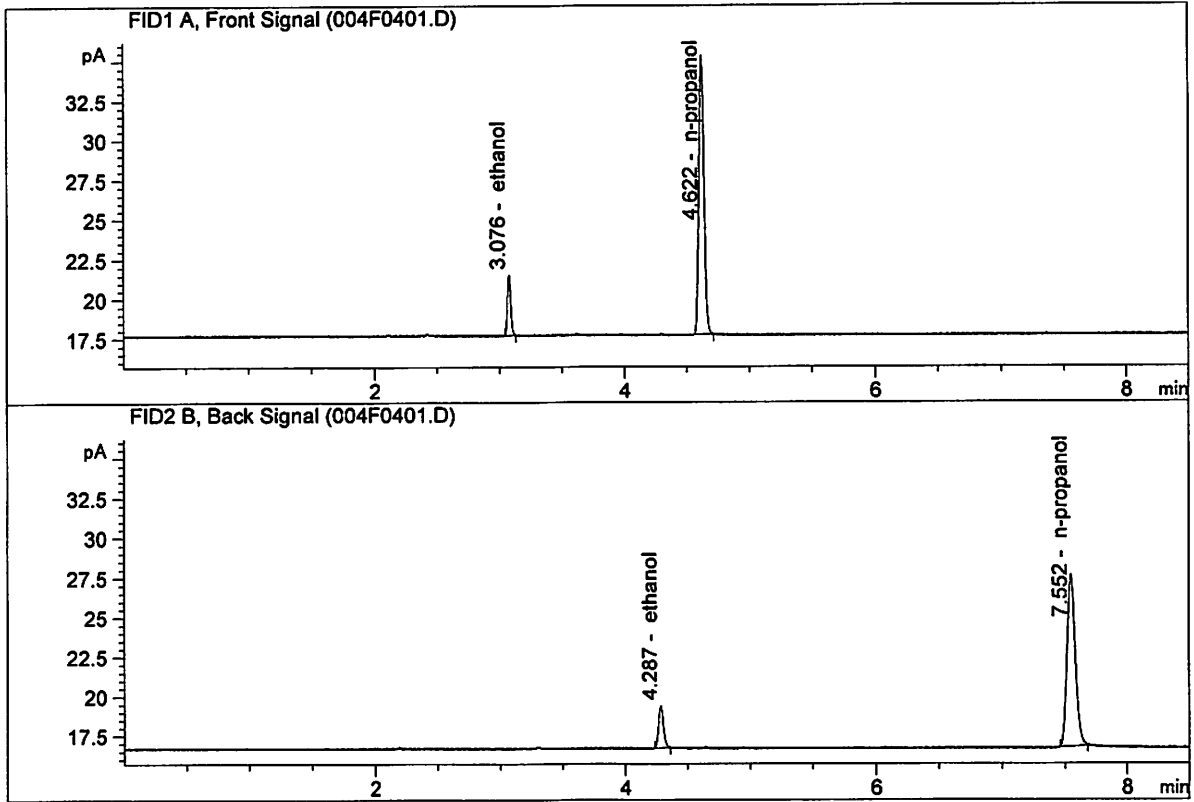
Sample Name : QC1-1-A
 Laboratory : Meridian
 Injection Date : Nov 1, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.89275	0.0768	g/100cc
2.	Ethanol	Column 2:	7.08953	0.0779	g/100cc
3.	n-Propanol	Column 1:	49.41718	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.24728	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.97814	0.0768	g/100cc
2.	Ethanol	Column 2:	7.18196	0.0779	g/100cc
3.	n-Propanol	Column 1:	50.01704	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.89839	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701

Analysis Date(s): 01 Nov 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0796	0.0798	0.0002	0.0797	0.0798	
(g/100cc)	0.0795	0.0803	0.0008	0.0799		

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.

Issued: 12/30/2016

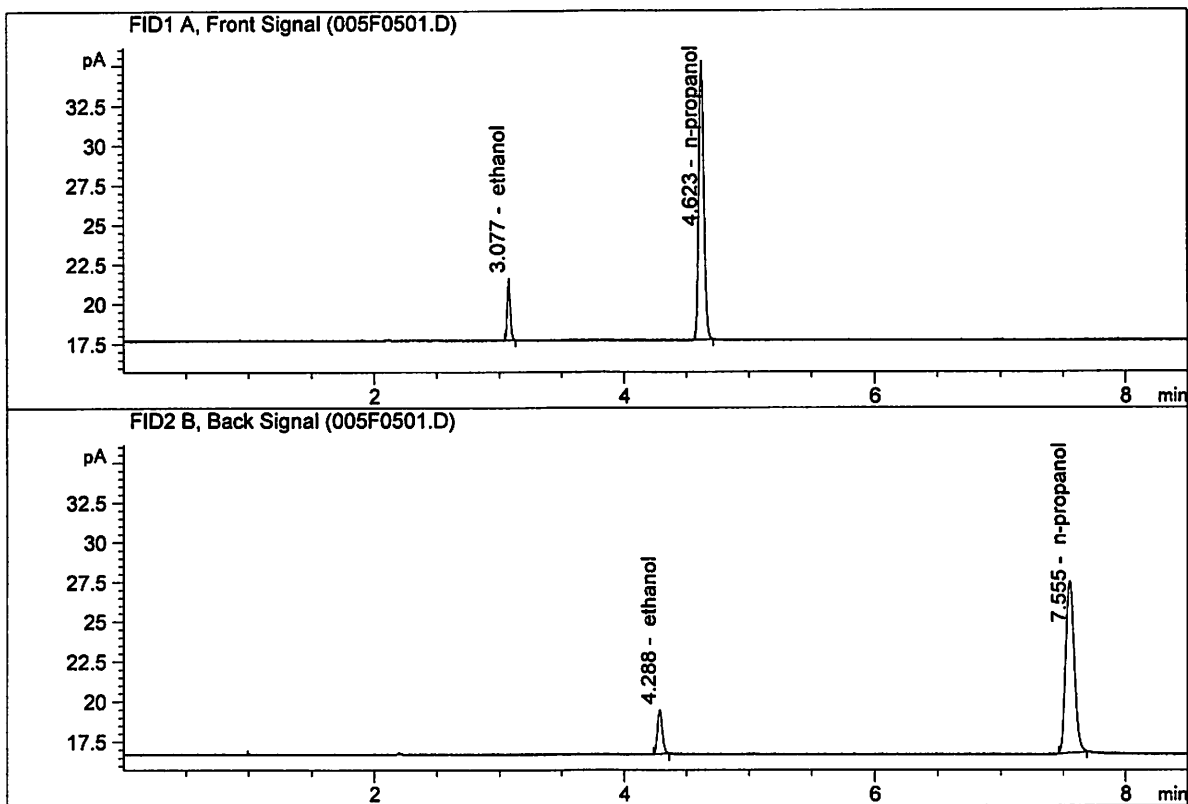
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

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ISP Forensic Services Blood Alcohol Report

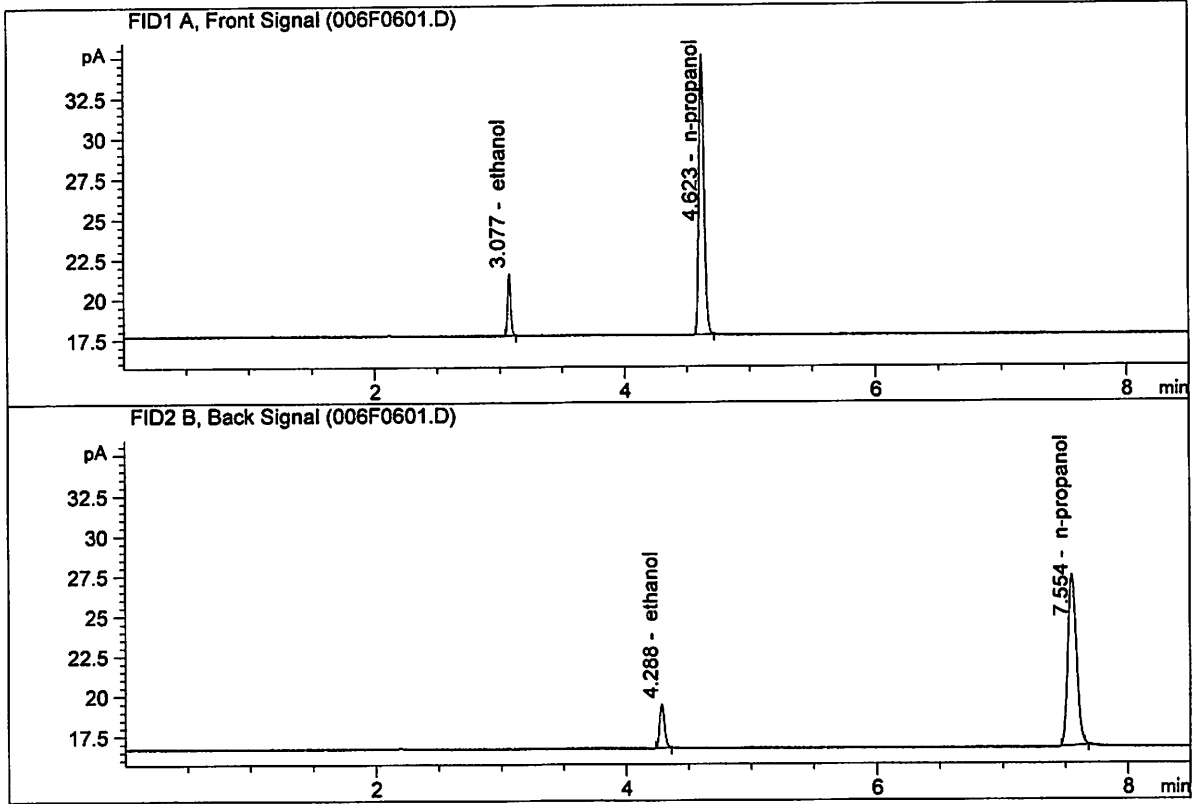
Sample Name : 0.08 FN04171701-A
 Laboratory : Meridian
 Injection Date : Nov 1, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.19524	0.0796	g/100cc
2.	Ethanol	Column 2:	7.34161	0.0798	g/100cc
3.	n-Propanol	Column 1:	49.74773	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.67816	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
 Laboratory : Meridian
 Injection Date : Nov 1, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.11975	0.0795	g/100cc
2.	Ethanol	Column 2:	7.29956	0.0803	g/100cc
3.	n-Propanol	Column 1:	49.26876	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.04996	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1

Analysis Date(s): 01 Nov 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2003	0.2006	0.0003	0.2004	0.2009	
(g/100cc)	0.2013	0.2017	0.0004	0.2015		

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
0.200	0.190	0.210	0.010

	Reported Result	
	0.200	

Calibration and control data are stored centrally.

Issued: 12/30/2016

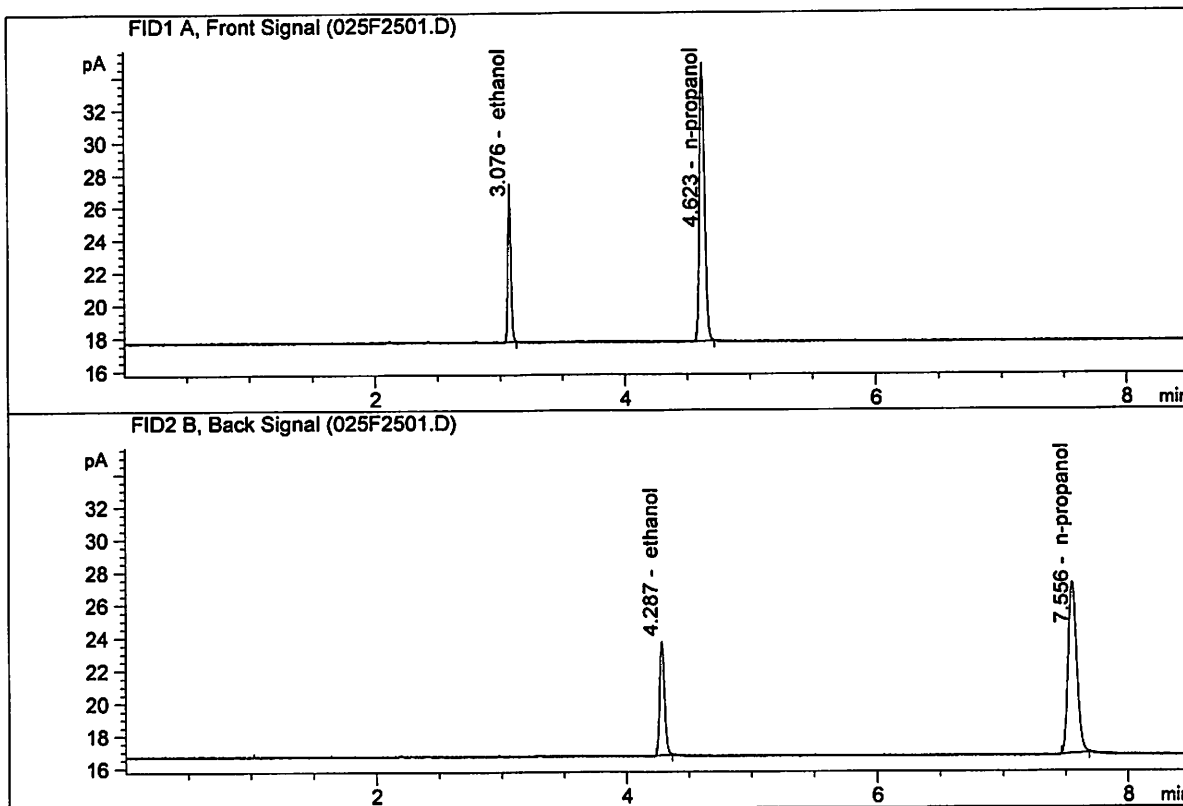
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

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ISP Forensic Services Blood Alcohol Report

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

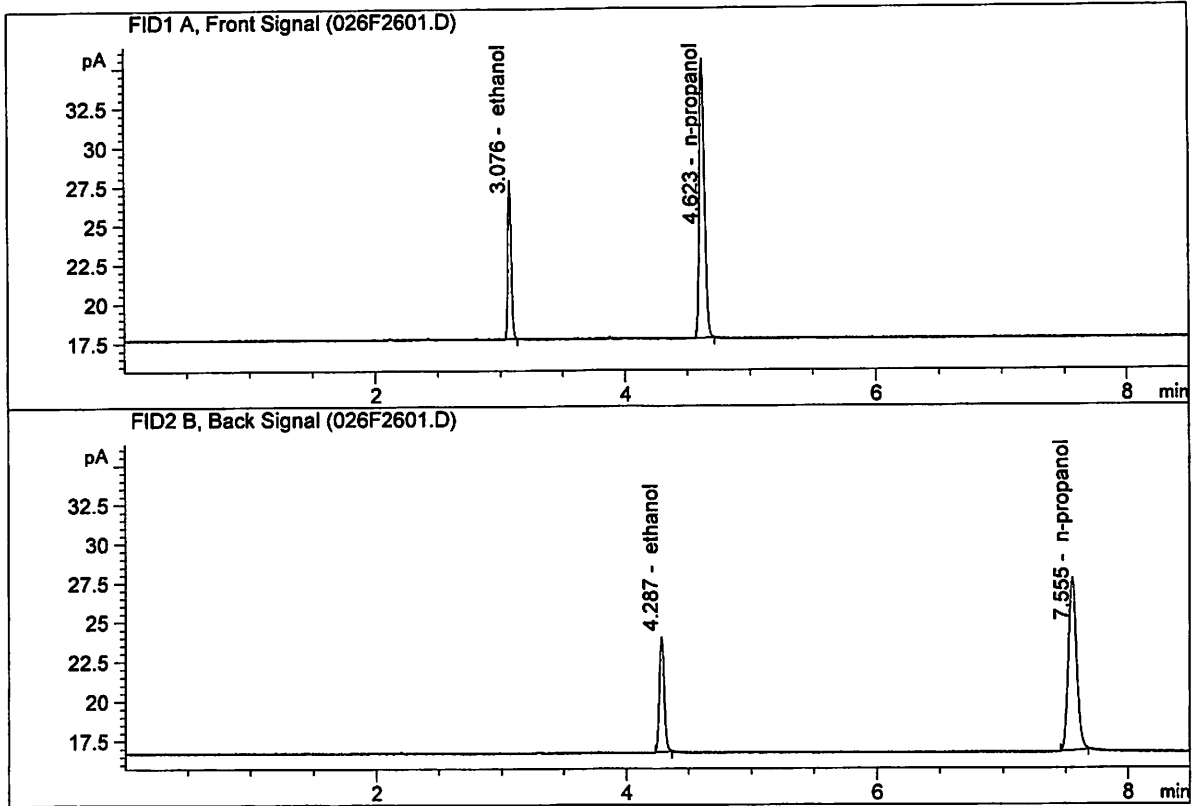


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.69792	0.2003	g/100cc
2.	Ethanol	Column 2:	18.46289	0.2006	g/100cc
3.	n-Propanol	Column 1:	48.46617	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.96595	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.47528	0.2013	g/100cc
2.	Ethanol	Column 2:	19.29354	0.2017	g/100cc
3.	n-Propanol	Column 1:	50.34801	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.91732	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2

Analysis Date(s): 01 Nov 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0803	0.0814	0.0011	0.0808	0.0815	
(g/100cc)	0.0816	0.0827	0.0011	0.0821		

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
0.081	0.076	0.086	0.005

	Reported Result <hr style="border-top: 2px dashed black;"/> 0.081	
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Calibration and control data are stored centrally.

Issued: 12/30/2016

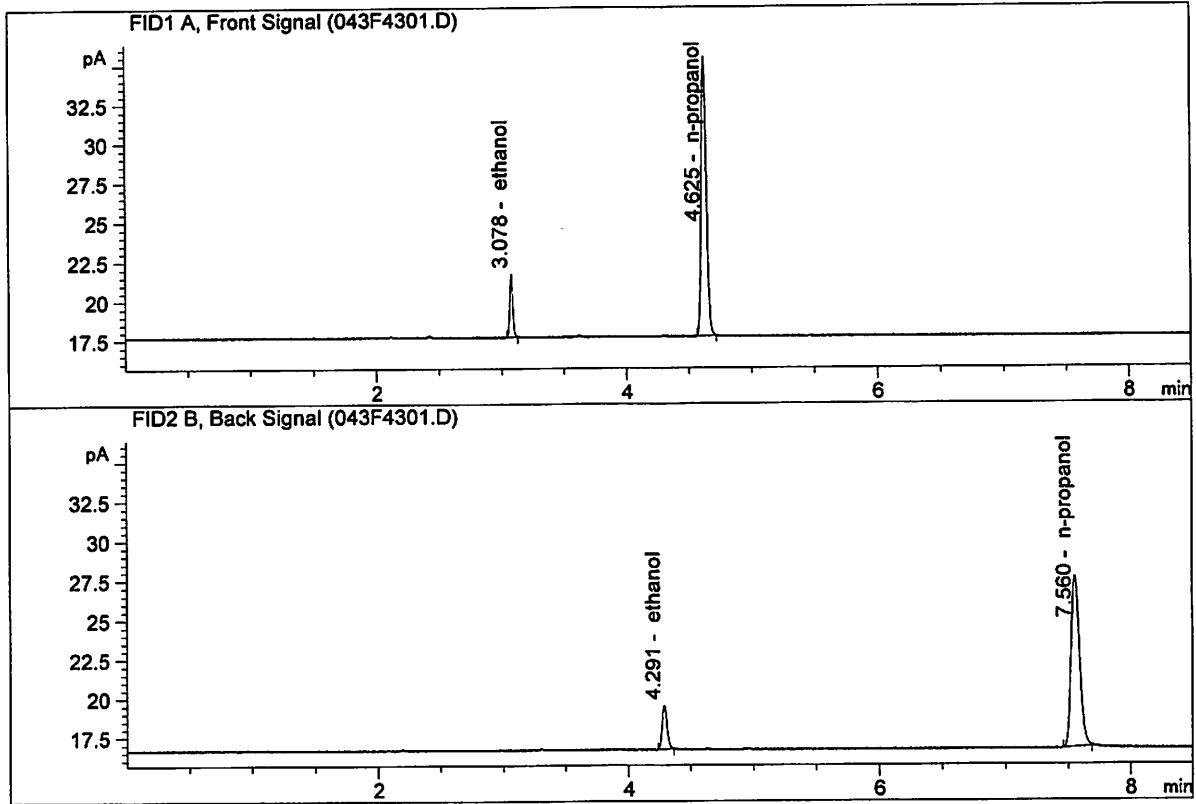
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

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ISP Forensic Services Blood Alcohol Report

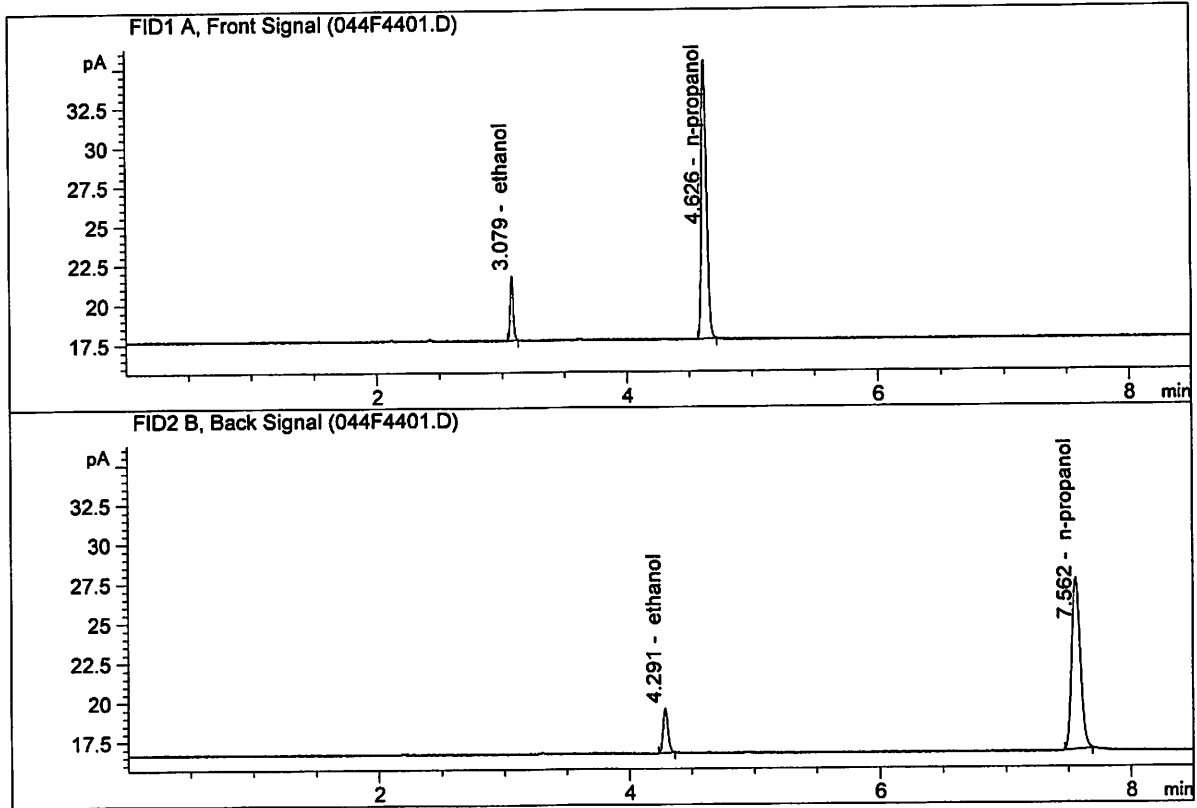
Sample Name : QC1-2-A
 Laboratory : Meridian
 Injection Date : Nov 1, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.36501	0.0803	g/100cc
2.	Ethanol	Column 2:	7.55800	0.0814	g/100cc
3.	n-Propanol	Column 1:	50.47811	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.14196	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

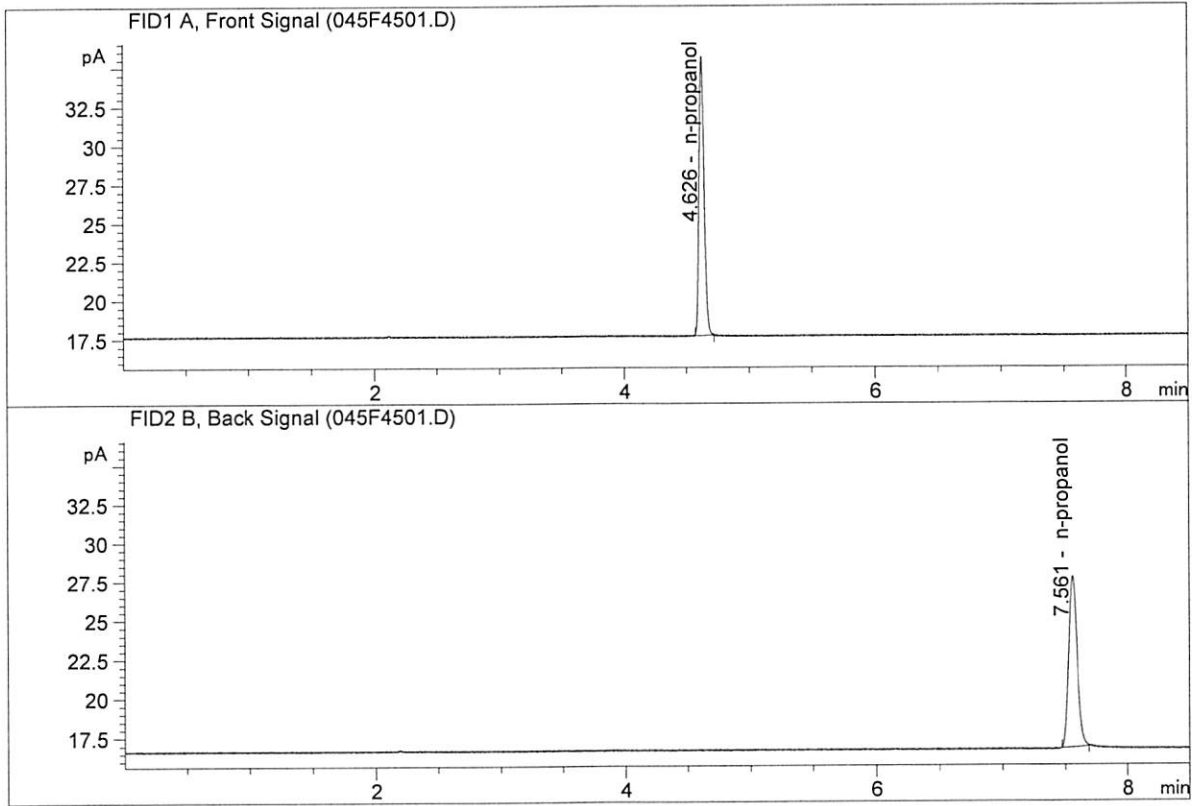
Sample Name : QC1-2-B
 Laboratory : Meridian
 Injection Date : Nov 1, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.42628	0.0816	g/100cc
2.	Ethanol	Column 2:	7.61634	0.0827	g/100cc
3.	n-Propanol	Column 1:	50.11079	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.62458	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
 Laboratory : Meridian
 Injection Date : Nov 1, 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:	50.88903	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.34366	1.0000	g/100cc

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

Sequence table: C:\Chem32\1\Data\11-01-18_SAMPLES\11-01-18_SAMPLES 2018-11-01 11-54-54\11-01-18_SAMPLES.S
 Data directory path: C:\Chem32\1\Data\11-01-18_SAMPLES\11-01-18_SAMPLES 2018-11-01 11-54-54\
 Logbook: C:\Chem32\1\Data\11-01-18_SAMPLES\11-01-18_SAMPLES 2018-11-01 11-54-54\11-01-18_SAMPLES.LOG
 Sequence start: 11/1/2018 12:09:42 PM
 Sequence Operator: SYSTEM
 Operator: SYSTEM
 Method file name: C:\Chem32\1\Data\11-01-18_SAMPLES\11-01-18_SAMPLES 2018-11-01 11-54-54\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	M2018-5301-1-A	-	1.0000	007F0701.D		4
8	8	1	M2018-5301-1-B	-	1.0000	008F0801.D		4
9	9	1	M2018-5309-1-A	-	1.0000	009F0901.D		4
10	10	1	M2018-5309-1-B	-	1.0000	010F1001.D		4
11	11	1	M2018-5310-1-A	-	1.0000	011F1101.D		4
12	12	1	M2018-5310-1-B	-	1.0000	012F1201.D		4
13	13	1	M2018-5313-2-A	-	1.0000	013F1301.D		2
14	14	1	M2018-5313-2-B	-	1.0000	014F1401.D		2
15	15	1	M2018-5314-1-A	-	1.0000	015F1501.D		2
16	16	1	M2018-5314-1-B	-	1.0000	016F1601.D		2
17	17	1	M2018-5315-2-A	-	1.0000	017F1701.D		2
18	18	1	M2018-5315-2-B	-	1.0000	018F1801.D		2
19	19	1	M2018-5333-1-A	-	1.0000	019F1901.D		6
20	20	1	M2018-5333-1-B	-	1.0000	020F2001.D		6
21	21	1	M2018-5334-1-A	-	1.0000	021F2101.D		2
22	22	1	M2018-5334-1-B	-	1.0000	022F2201.D		2
23	23	1	M2018-5348-1-A	-	1.0000	023F2301.D		2
24	24	1	M2018-5348-1-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	M2018-5352-1-A	-	1.0000	027F2701.D		4
28	28	1	M2018-5352-1-B	-	1.0000	028F2801.D		4
29	29	1	M2018-5353-1-A	-	1.0000	029F2901.D		4
30	30	1	M2018-5353-1-B	-	1.0000	030F3001.D		5
31	31	1	M2018-5354-1-A	-	1.0000	031F3101.D		4
32	32	1	M2018-5354-1-B	-	1.0000	032F3201.D		4
33	33	1	M2018-5355-1-A	-	1.0000	033F3301.D		4
34	34	1	M2018-5355-1-B	-	1.0000	034F3401.D		4
35	35	1	M2018-5372-1-A	-	1.0000	035F3501.D		2
36	36	1	M2018-5372-1-B	-	1.0000	036F3601.D		2
37	37	1	M2018-5373-1-A	-	1.0000	037F3701.D		2
38	38	1	M2018-5373-1-B	-	1.0000	038F3801.D		2
39	39	1	P2018-2986-1-A	-	1.0000	039F3901.D		4
40	40	1	P2018-2986-1-B	-	1.0000	040F4001.D		4
41	41	1	P2018-3029-1-A	-	1.0000	041F4101.D		2
42	42	1	P2018-3049-1-B	-	1.0000	042F4201.D		2
43	43	1	QC1-2-A	-	1.0000	043F4301.D		4

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Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #
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\11-01-18_SAMPLES\11-01-18_SAMPLES 2018-11-01 11-54-54
 \SHUTDOWN.M

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

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Calibration Table
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General Calibration Setting

Calib. Data Modified : Wednesday, October 31, 2018 4:06:51 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

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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	4.53615	1.10226e-2	No	No 1	ethanol
		2	1.00000e-1	9.03009	1.10741e-2			
		3	2.00000e-1	18.12409	1.10350e-2			
		4	3.00000e-1	27.03236	1.10978e-2			
		5	5.00000e-1	46.02385	1.08639e-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	4.63880	1.07786e-2	No	No 2	ethanol
		2	1.00000e-1	9.31339	1.07372e-2			
		3	2.00000e-1	18.90689	1.05782e-2			
		4	3.00000e-1	28.24488	1.06214e-2			
		5	5.00000e-1	48.71275	1.02643e-2			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No 1	acetone
4.620	1	1	1.00000	50.16470	1.99343e-2	No	Yes 1	n-propanol
		2	1.00000	49.98732	2.00051e-2			
		3	1.00000	49.82826	2.00689e-2			
		4	1.00000	49.02808	2.03965e-2			
		5	1.00000	50.52134	1.97936e-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	52.58041	1.90185e-2	No	Yes 2	n-propanol
		2	1.00000	52.08379	1.91998e-2			
		3	1.00000	51.71439	1.93370e-2			
		4	1.00000	50.62835	1.97518e-2			
		5	1.00000	52.18080	1.91641e-2			

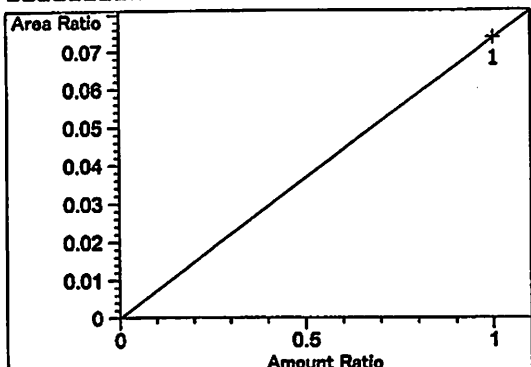
Peak Sum Table

No Entries in table

1 Warnings or Errors :

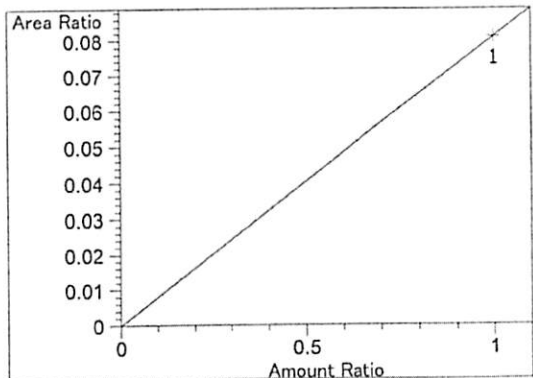
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

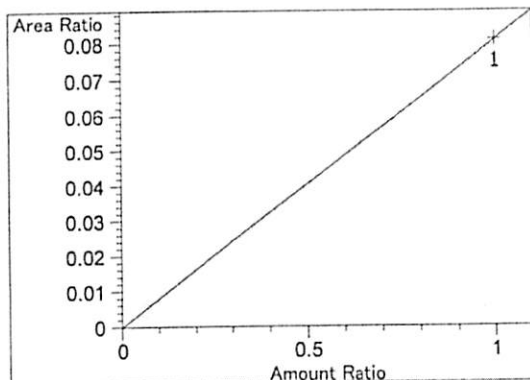


methanol at exp. RT: 2.586
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 7.36912e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

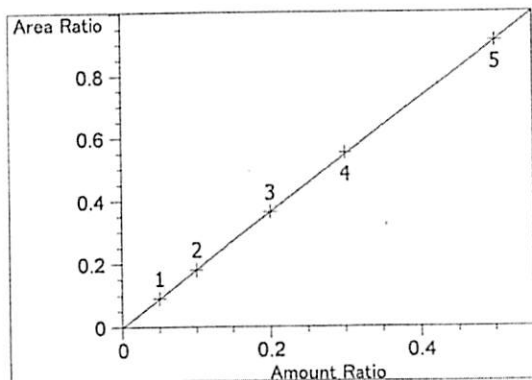
JG



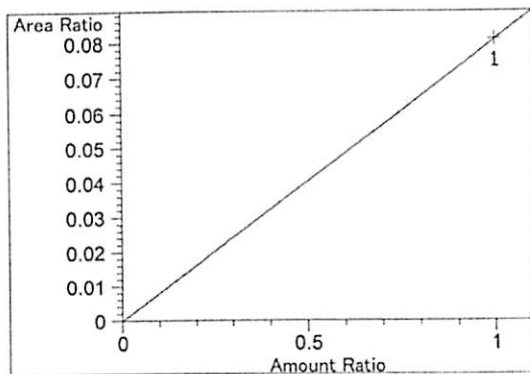
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 8.10378e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



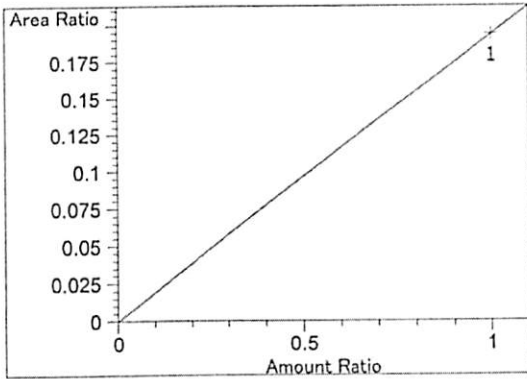
Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 8.10378e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



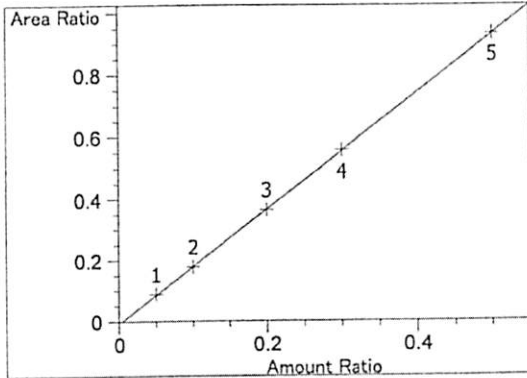
ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00270
Formula: $y = mx + b$
m: 1.82724
b: -8.36339e-4
x: Amount Ratio
y: Area Ratio



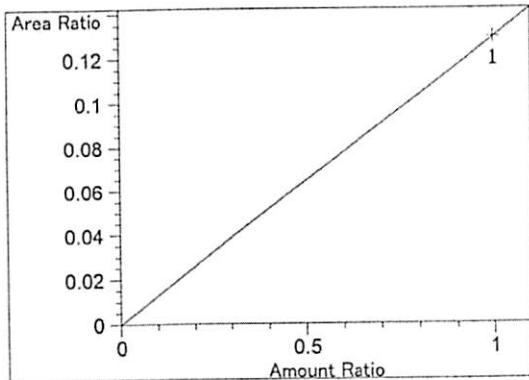
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 8.10306e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



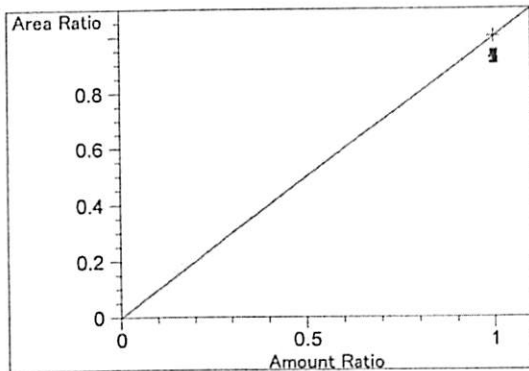
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.93972e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



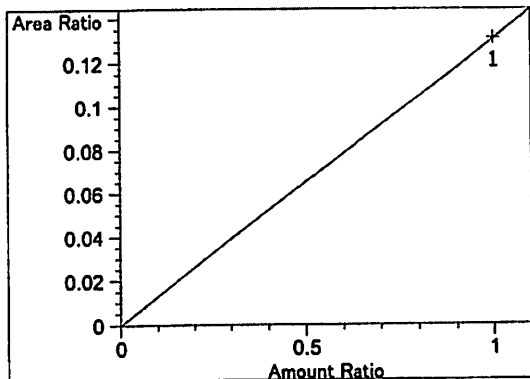
ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00232
Formula: $y = mx + b$
m: 1.88291
b: -8.25733e-3
x: Amount Ratio
y: Area Ratio



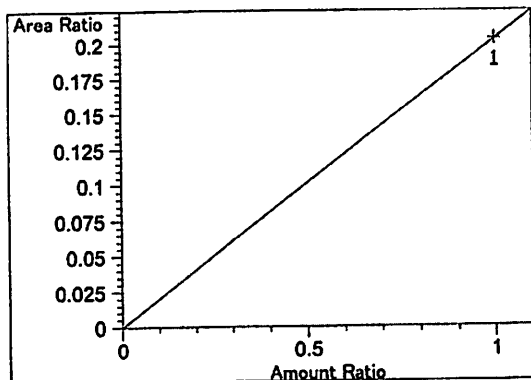
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.29561e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



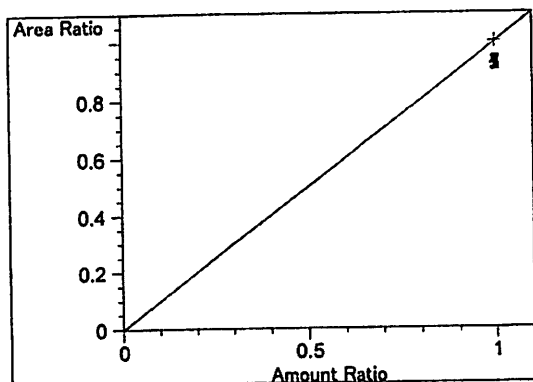
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.31095e-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: 2.03620e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



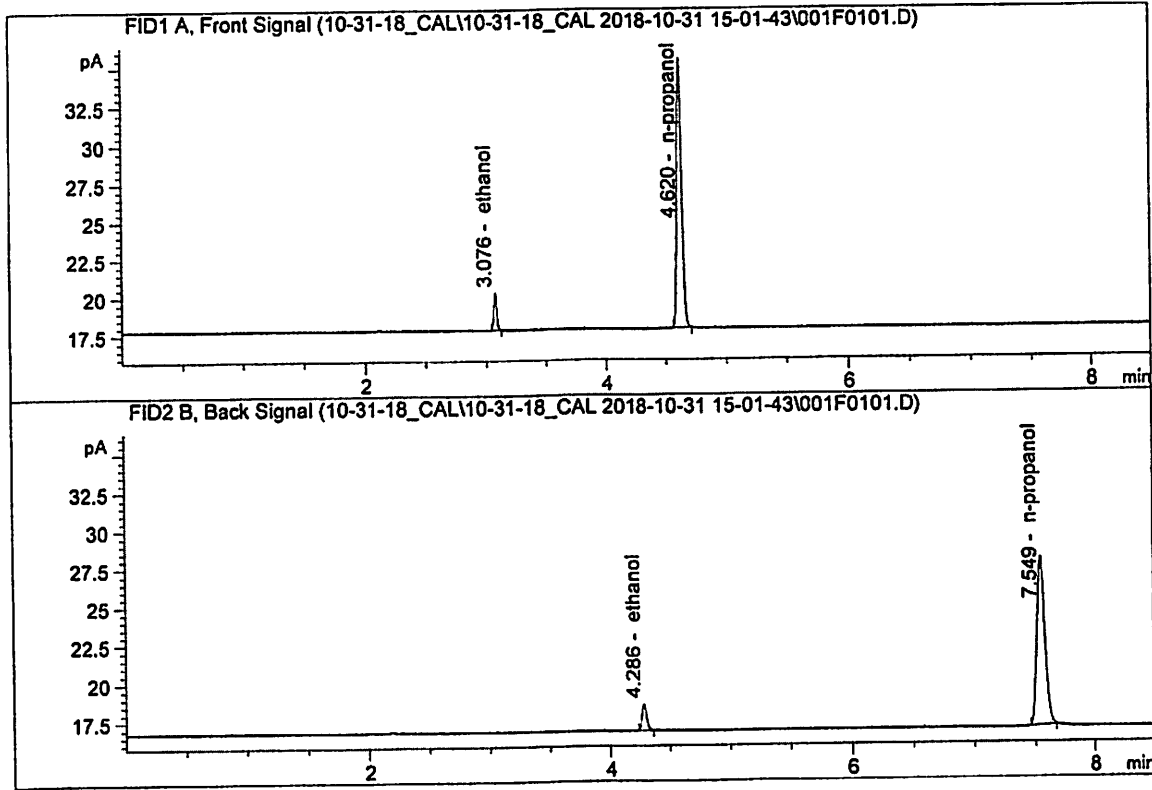
n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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ISP Forensic Services Blood Alcohol Report

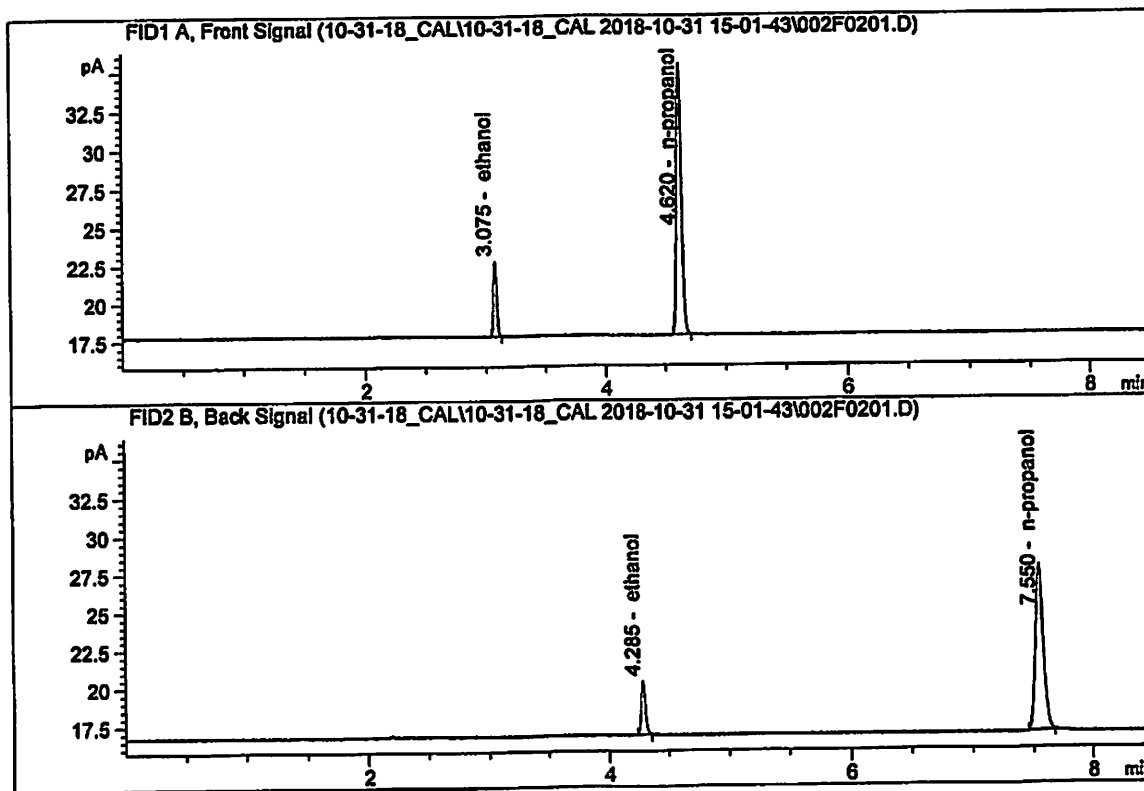
Sample Name : 0.050 FN06231406
 Laboratory : Meridian
 Injection Date : Oct 31, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.53615	0.0499	g/100cc
2.	Ethanol	Column 2:	4.63880	0.0512	g/100cc
3.	n-Propanol	Column 1:	50.16470	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.58041	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

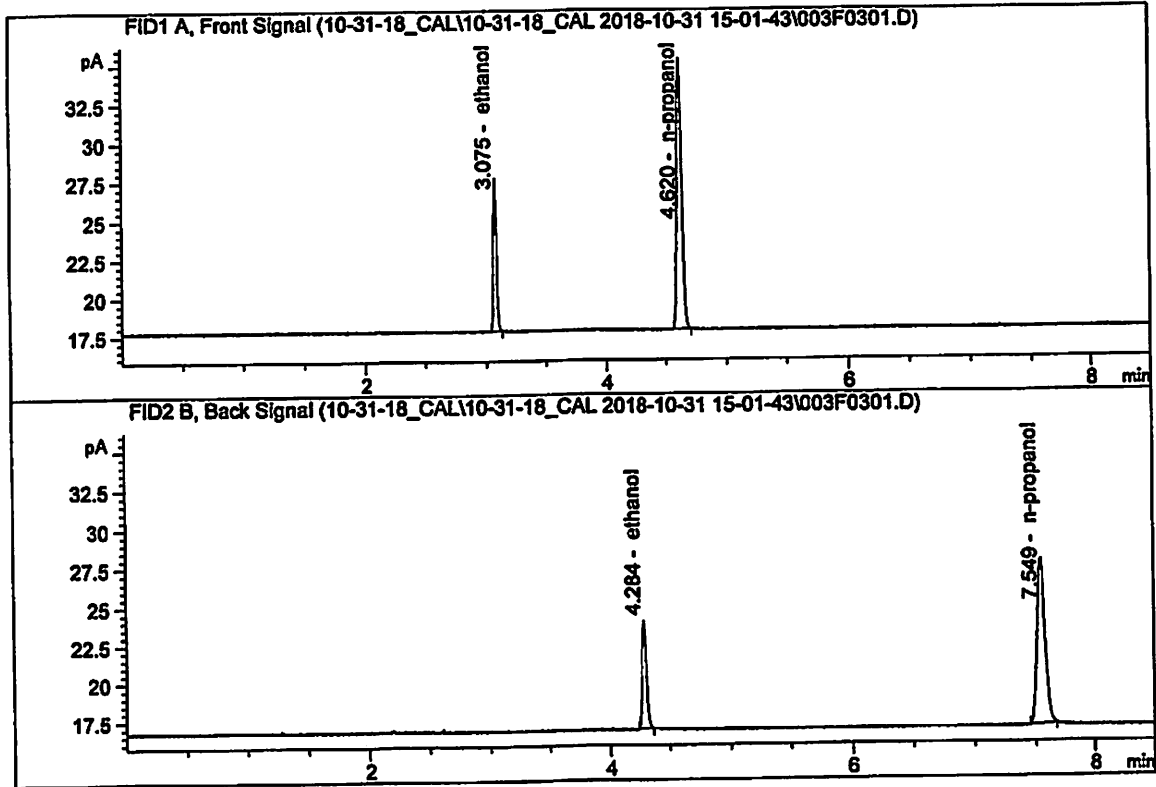
Sample Name : 0.100 FN08101601
 Laboratory : Meridian
 Injection Date : Oct 31, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.03009	0.0993	g/100cc
2.	Ethanol	Column 2:	9.31339	0.0994	g/100cc
3.	n-Propanol	Column 1:	49.98732	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.08379	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

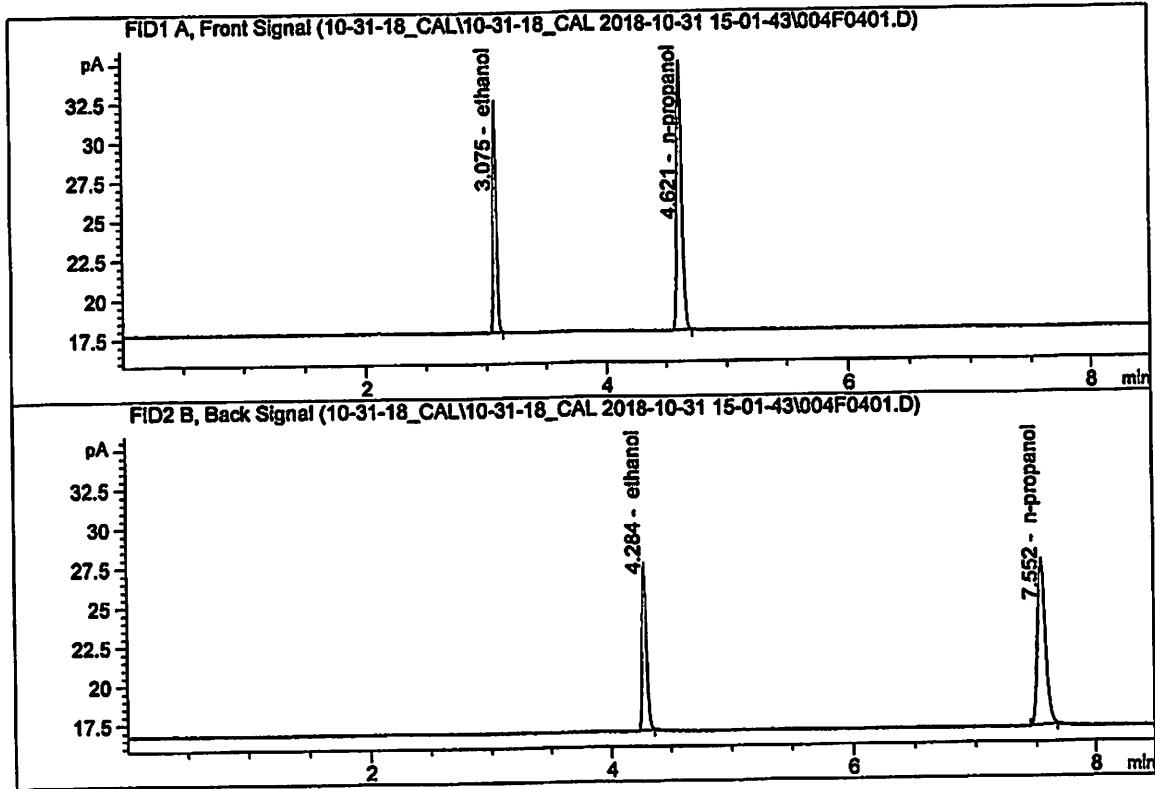
Sample Name : 0.200 FN12011401
 Laboratory : Meridian
 Injection Date : Oct 31, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.12409	0.1995	g/100cc
2.	Ethanol	Column 2:	18.90689	0.1986	g/100cc
3.	n-Propanol	Column 1:	49.82826	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.71439	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

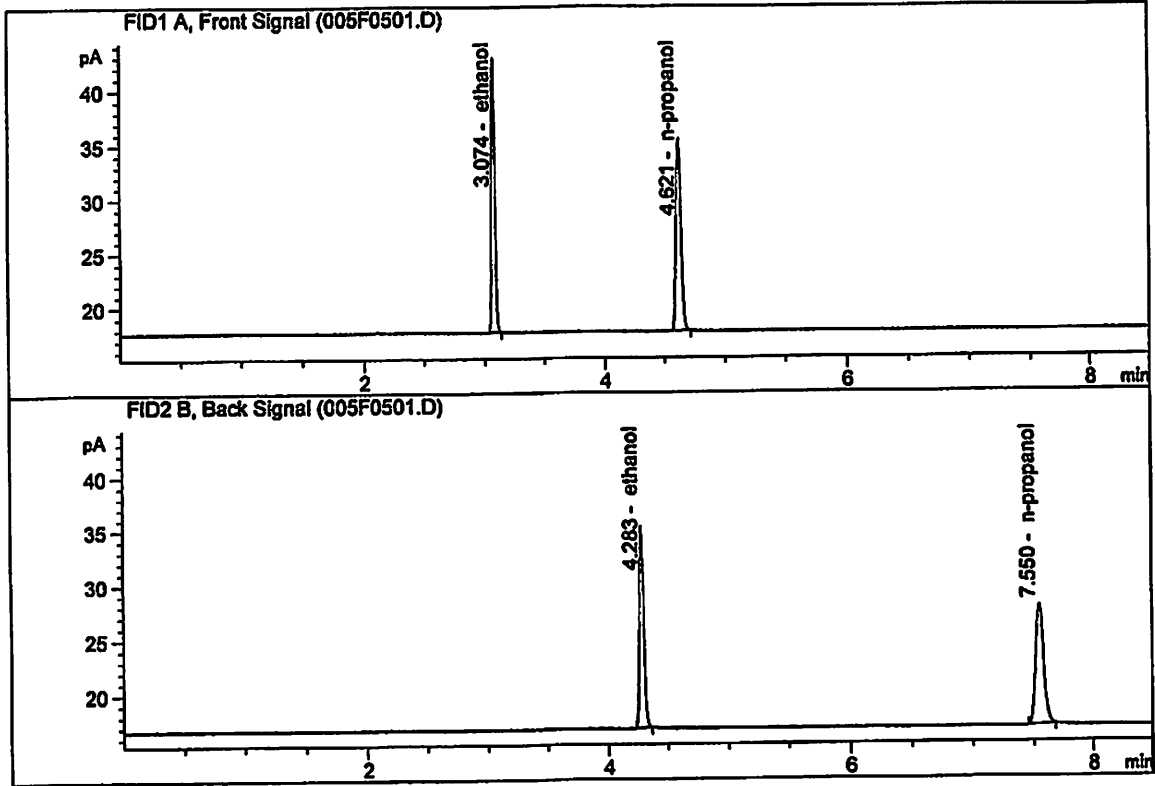
Sample Name : 0.300 FN02121601
 Laboratory : Meridian
 Injection Date : Oct 31, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.03236	0.3022	g/100cc
2.	Ethanol	Column 2:	28.24488	0.3007	g/100cc
3.	n-Propanol	Column 1:	49.02808	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.62835	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

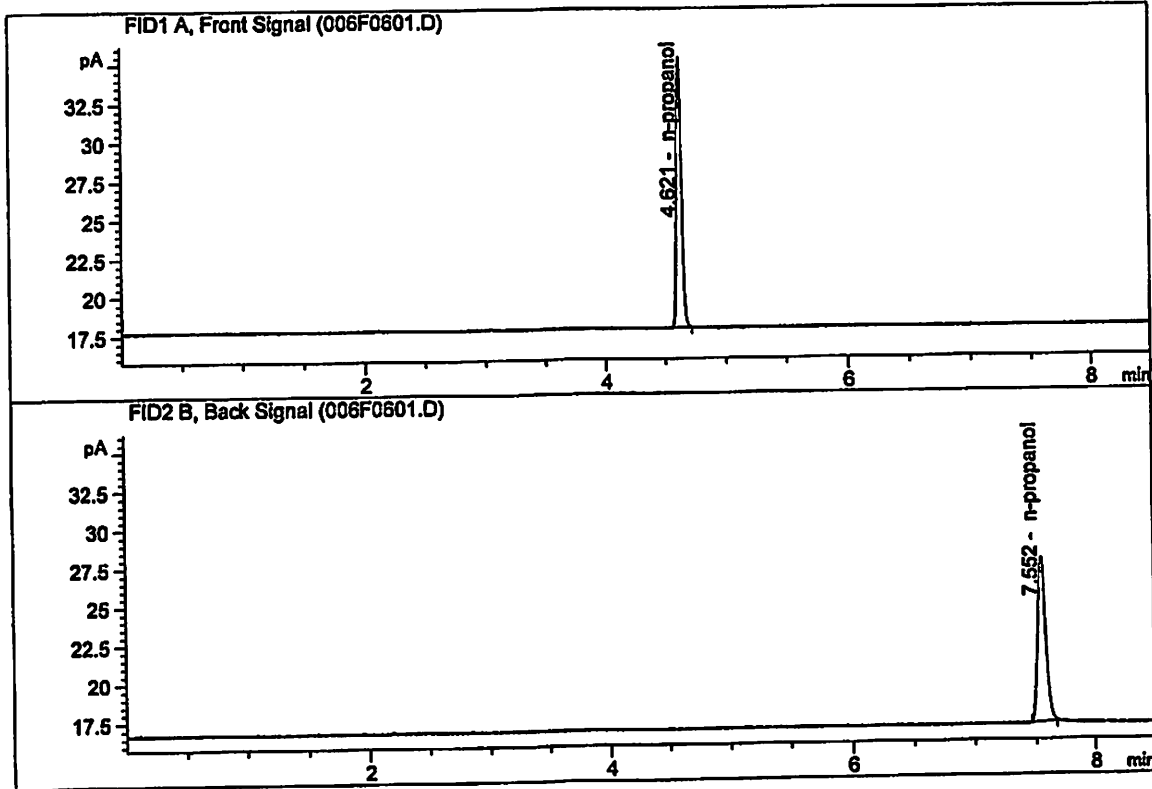
Sample Name : 0.500 FN08031602
 Laboratory : Meridian
 Injection Date : Oct 31, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.02385	0.4990	g/100cc
2.	Ethanol	Column 2:	48.71275	0.5002	g/100cc
3.	n-Propanol	Column 1:	50.52134	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.18080	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
 Laboratory : Meridian
 Injection Date : Oct 31, 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:	49.82584	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.29085	1.0000	g/100cc

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

Sequence table: C:\Chem32\1\Data\10-31-18_CAL\10-31-18_CAL 2018-10-31 15-01-43\10-31-18_CAL.S
 Data directory path: C:\Chem32\1\Data\10-31-18_CAL\10-31-18_CAL 2018-10-31 15-01-43\
 Logbook: C:\Chem32\1\Data\10-31-18_CAL\10-31-18_CAL 2018-10-31 15-01-43\10-31-18_CAL.LOG
 Sequence start: 10/31/2018 3:16:19 PM
 Sequence Operator: SYSTEM
 Operator: SYSTEM
 Method file name: C:\Chem32\1\Data\10-31-18_CAL\10-31-18_CAL 2018-10-31 15-01-43\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 FN08101601	-	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 FN08031602	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

JK