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 Dates: 04/06/2018**

Calibration: 04/06/2018

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702-0.0858	0.0766 g/100cc
					0.0796 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818-.2222	0.2015 g/100cc
					g/100cc
					g/100cc
Multi-Component mixture:		**Exp date: Sept 2020**	**Lot #**	FN06041503	OK
Curve Fit:			**Column 1**	0.99997 **Column2**	0.99987

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	0.0511	0.0529	0.0018	0.052
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.1007	0.1006	0.0001	0.1006
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1979	0.1961	0.0018	0.197
0.300	Jun-20	FN06051501	0.300	0.270 - 0.330	0.2995	0.2979	0.0016	0.2987
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5009	0.5024	0.0015	0.5016

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

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

JC

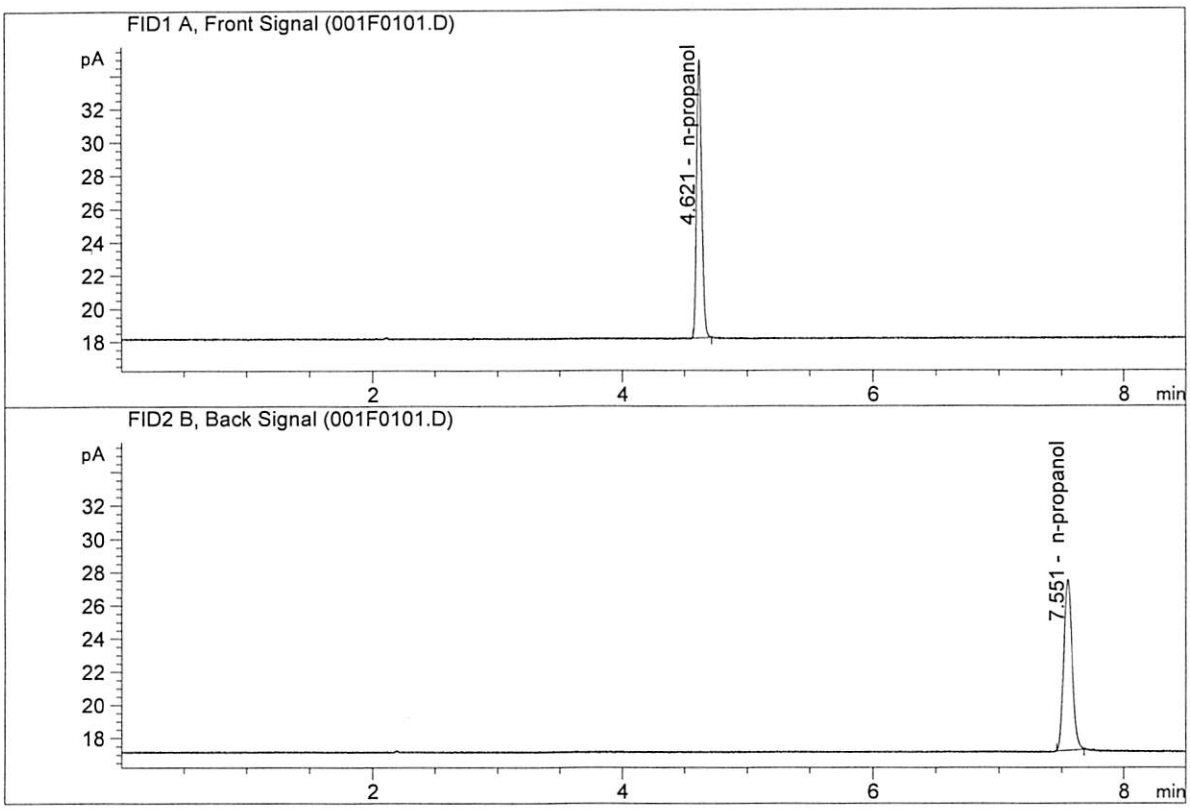
Worklist: 2308

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2018-1417	1	110624	Alcohol Analysis
M2018-1482	1	110820	Alcohol Analysis
M2018-1525	1	111032	Alcohol Analysis
M2018-1526	1	111036	Alcohol Analysis
M2018-1559	1	111125	Alcohol Analysis
M2018-1562	1	111128	Alcohol Analysis
M2018-1563	1	111130	Alcohol Analysis
M2018-1588	1	111339	Alcohol Analysis
M2018-1589	3	111342	Alcohol Analysis
M2018-1590	1	111346	Alcohol Analysis
M2018-1591	1	111350	Alcohol Analysis
M2018-1605	1	111402	Alcohol Analysis
M2018-1633	1	111633	Alcohol Analysis
M2018-1634	1	111634	Alcohol Analysis
M2018-1677	1	111787	Alcohol Analysis
M2018-1678	1	111788	Alcohol Analysis
M2018-1679	1	111794	Alcohol Analysis
P2018-0886	1	110816	Alcohol Analysis

JC

ISP Forensic Services Blood Alcohol Report

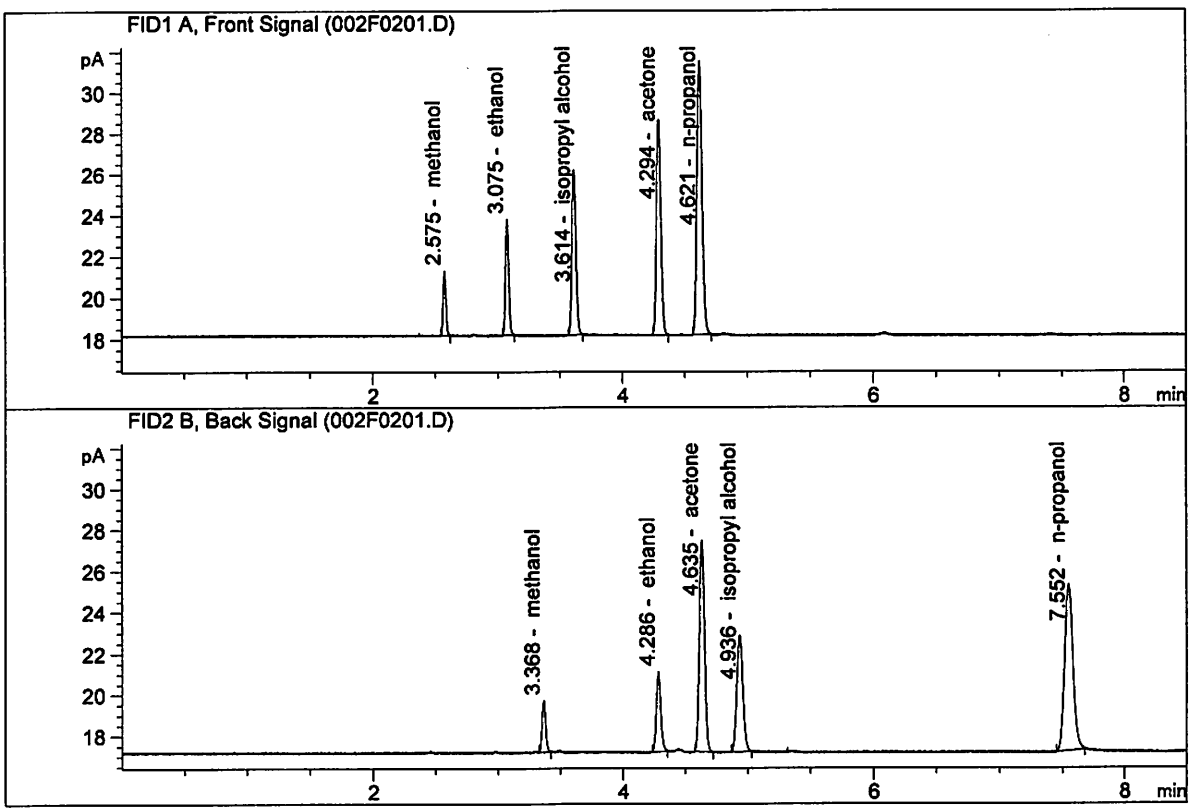
Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	47.56374	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.21304	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041503
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	10.05197	0.1427	g/100cc
2.	Ethanol	Column 2:	10.34745	0.1424	g/100cc
3.	n-Propanol	Column 1:	37.55190	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.49130	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 06 Apr 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0762	0.0772	0.0010	0.0767	0.0766
(g/100cc)	0.0760	0.0771	0.0011	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

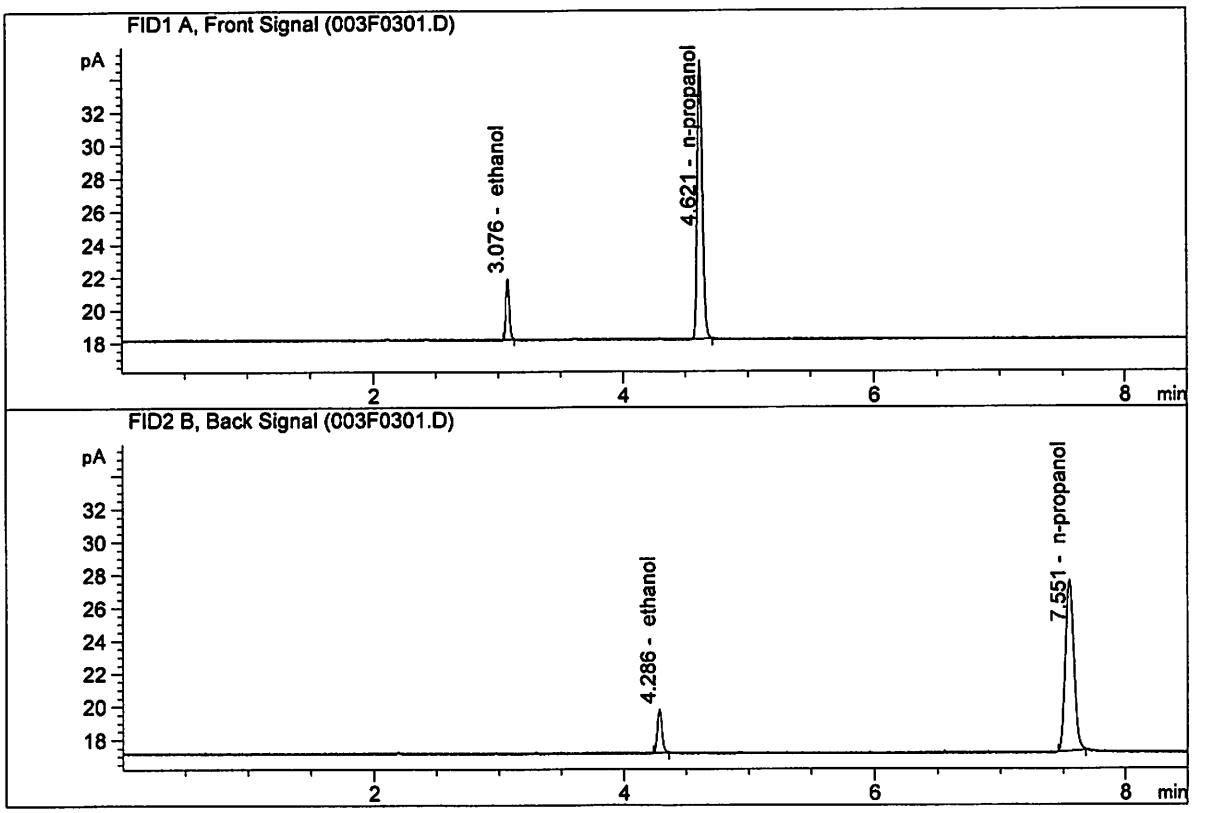
Reported Result

0.076

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

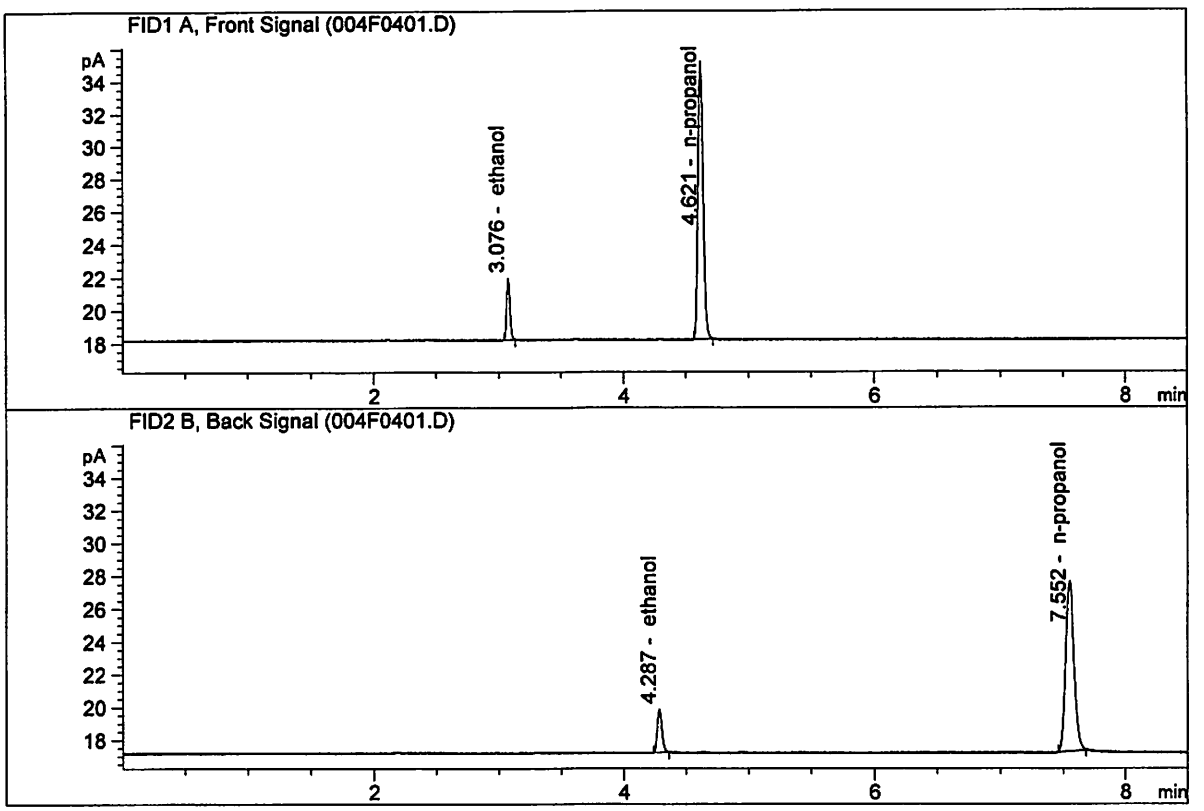


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.83461	0.0762	g/100cc
2.	Ethanol	Column 2:	6.99790	0.0772	g/100cc
3.	n-Propanol	Column 1:	48.00904	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.39155	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.86850	0.0760	g/100cc
2.	Ethanol	Column 2:	7.03568	0.0771	g/100cc
3.	n-Propanol	Column 1:	48.39646	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.70614	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 06 Apr 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0792	0.0808	0.0016	0.0800	0.0804	
(g/100cc)	0.0803	0.0813	0.0010	0.0808		

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

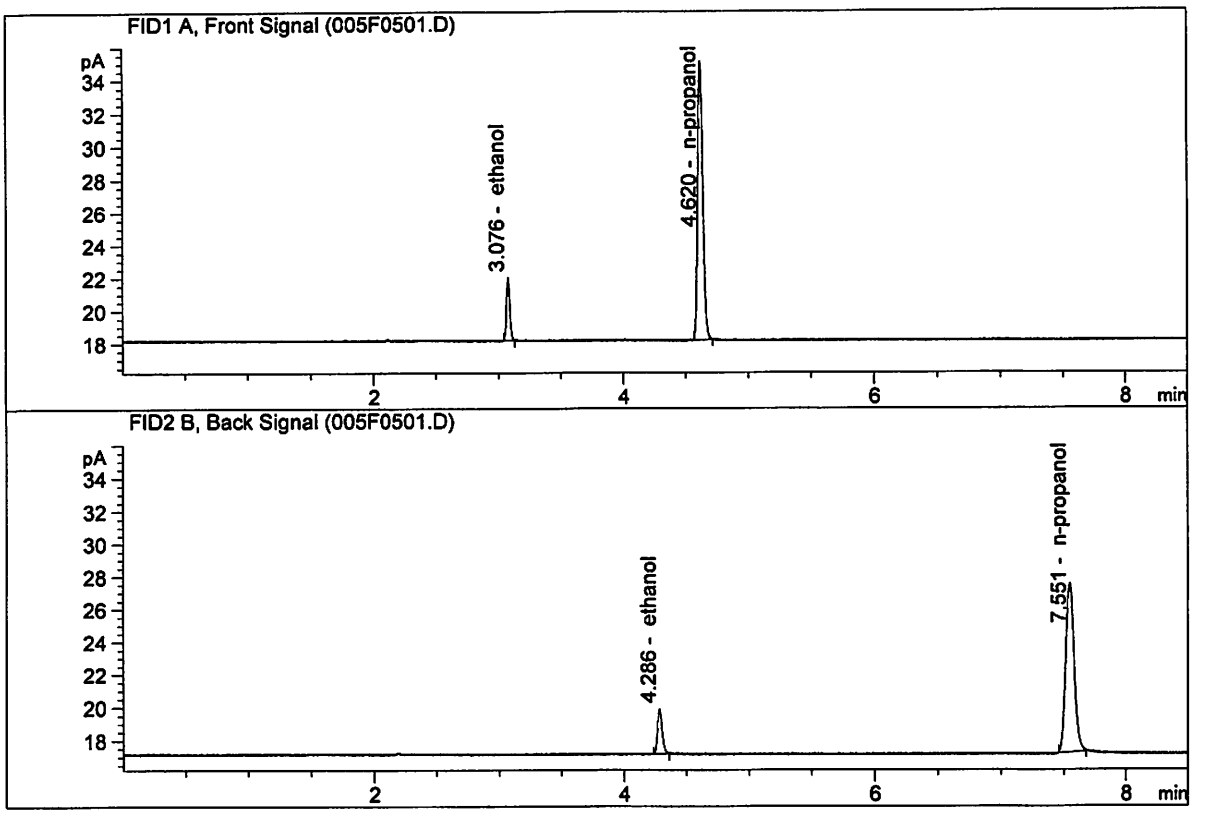
	Reported Result	
	0.080	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

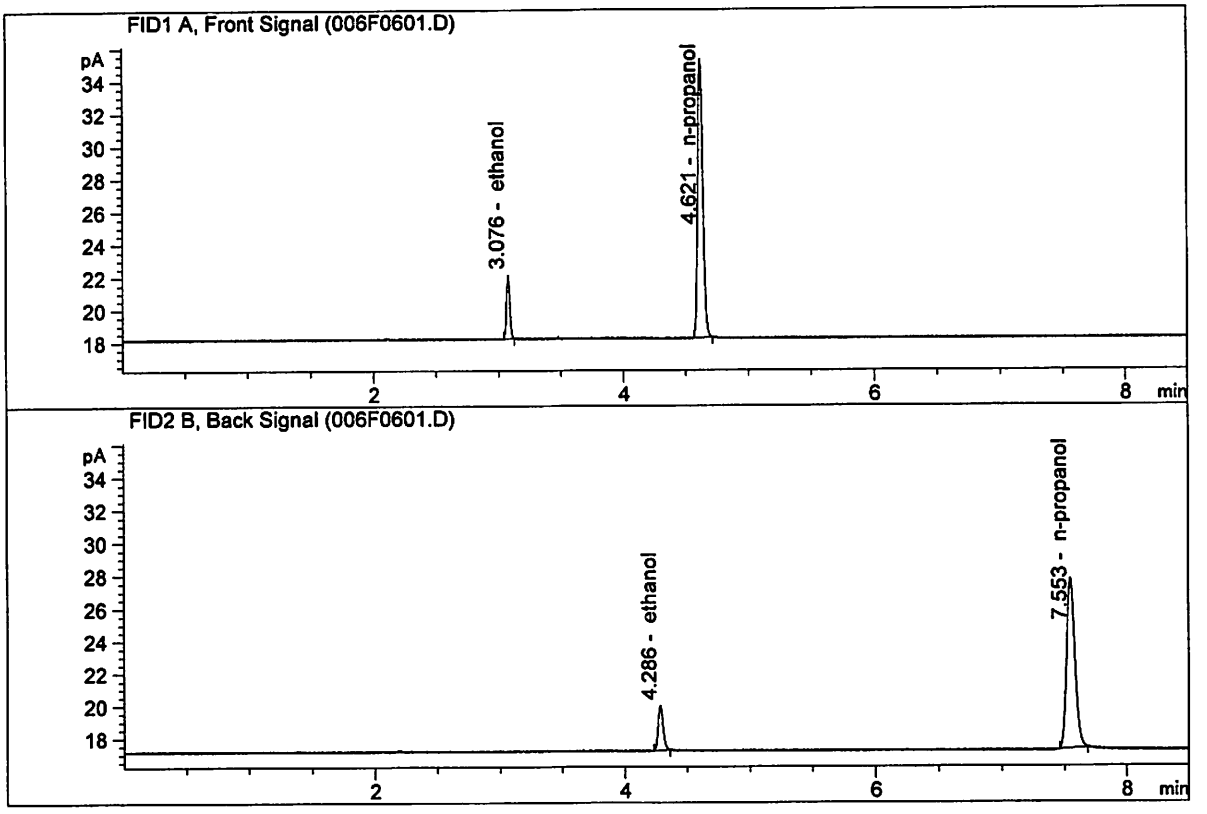


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.12591	0.0792	g/100cc
2.	Ethanol	Column 2:	7.35359	0.0808	g/100cc
3.	n-Propanol	Column 1:	48.14920	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.47063	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.28137	0.0803	g/100cc
2.	Ethanol	Column 2:	7.47804	0.0813	g/100cc
3.	n-Propanol	Column 1:	48.52103	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.97337	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 06 Apr 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2001	0.2005	0.0004	0.2003	0.2015	
(g/100cc)	0.2025	0.2029	0.0004	0.2027		

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
0.201	**0.190**	**0.212**	**0.011**

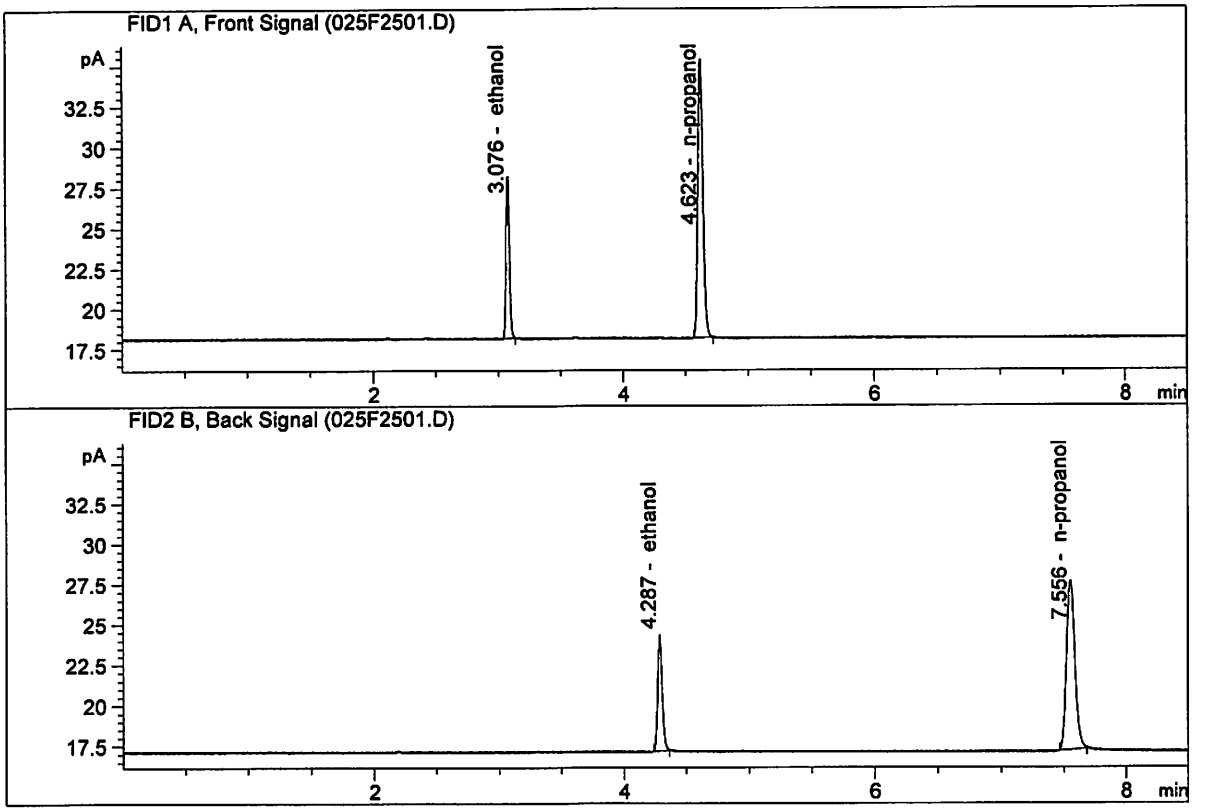
Reported Result

0.201

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

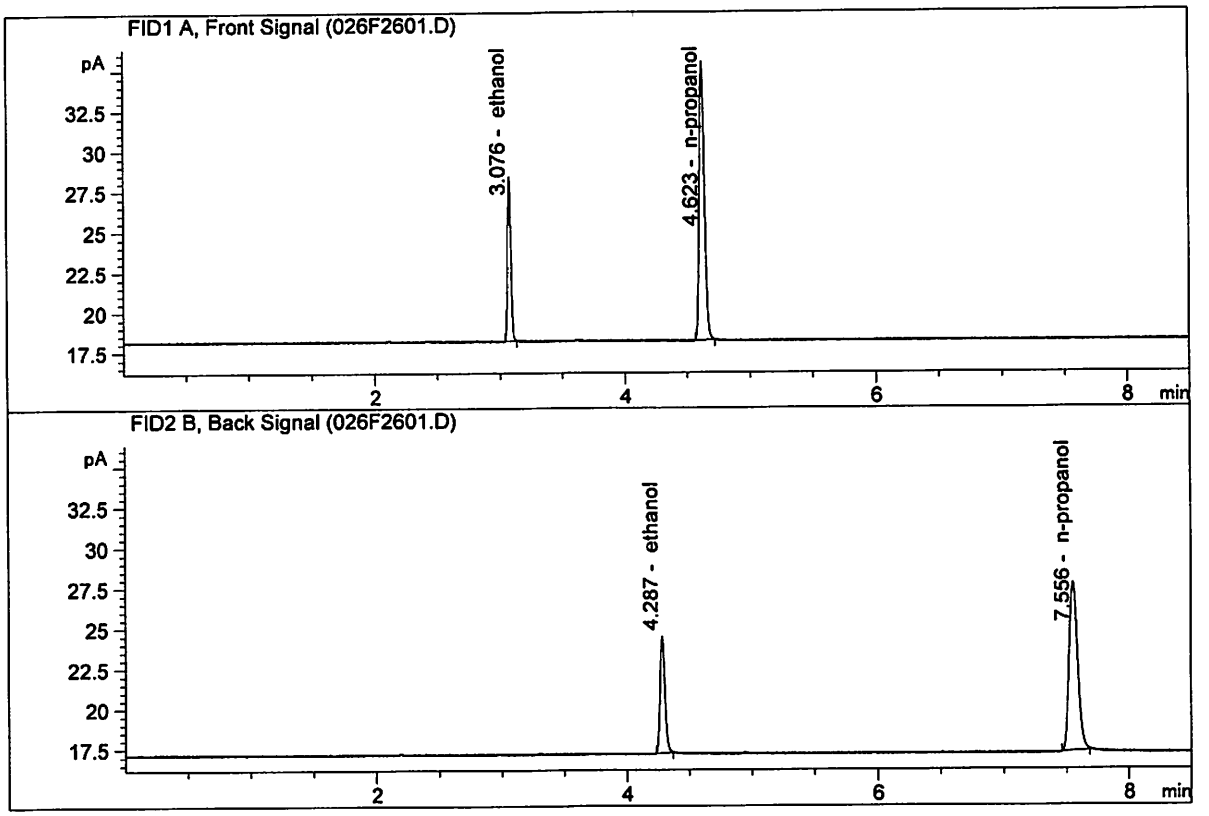


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.40342	0.2001	g/100cc
2.	Ethanol	Column 2:	19.06096	0.2005	g/100cc
3.	n-Propanol	Column 1:	48.98190	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.89144	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.70367	0.2025	g/100cc
2.	Ethanol	Column 2:	19.41866	0.2029	g/100cc
3.	n-Propanol	Column 1:	49.20065	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.20784	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 06 Apr 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0790	0.0799	0.0009	0.0794	0.0796	
(g/100cc)	0.0795	0.0802	0.0007	0.0798		

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
0.079	**0.075**	**0.083**	**0.004**

Reported Result

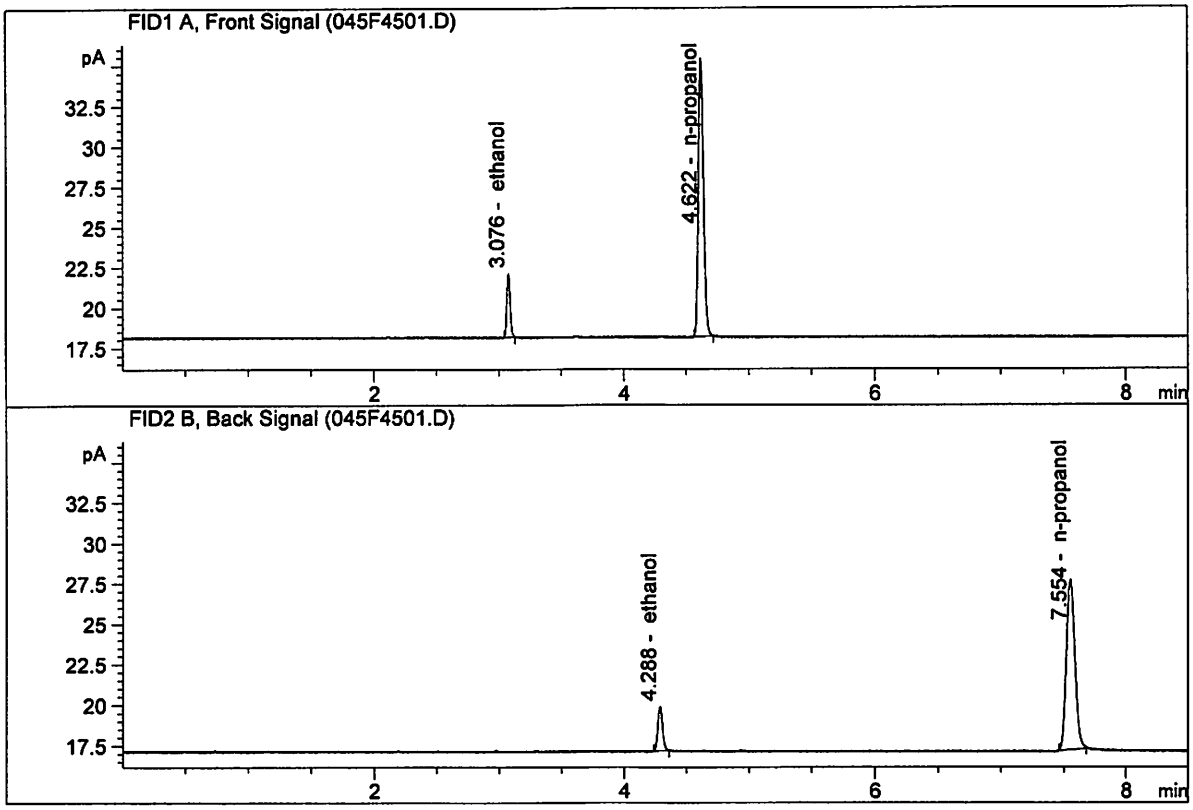
0.079

Calibration and control data are stored centrally.

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

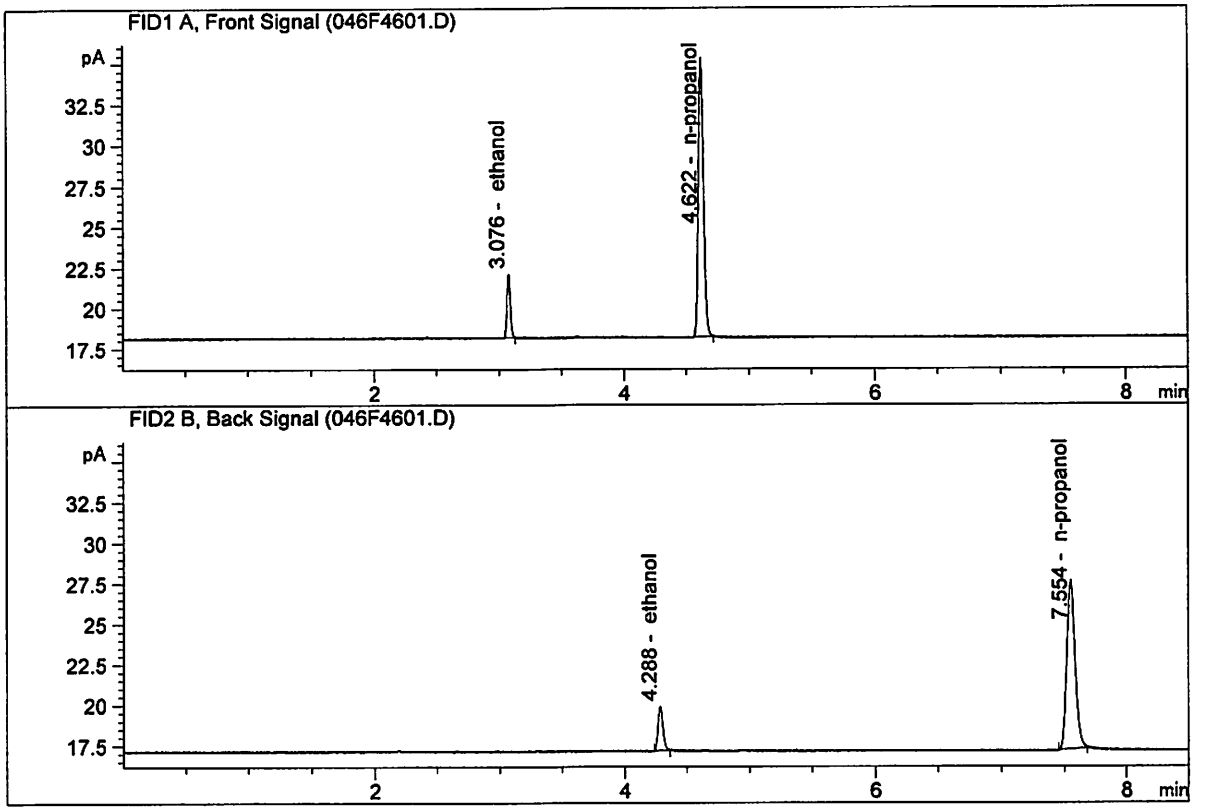


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.23262	0.0790	g/100cc
2.	Ethanol	Column 2:	7.33897	0.0799	g/100cc
3.	n-Propanol	Column 1:	48.98090	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.94649	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

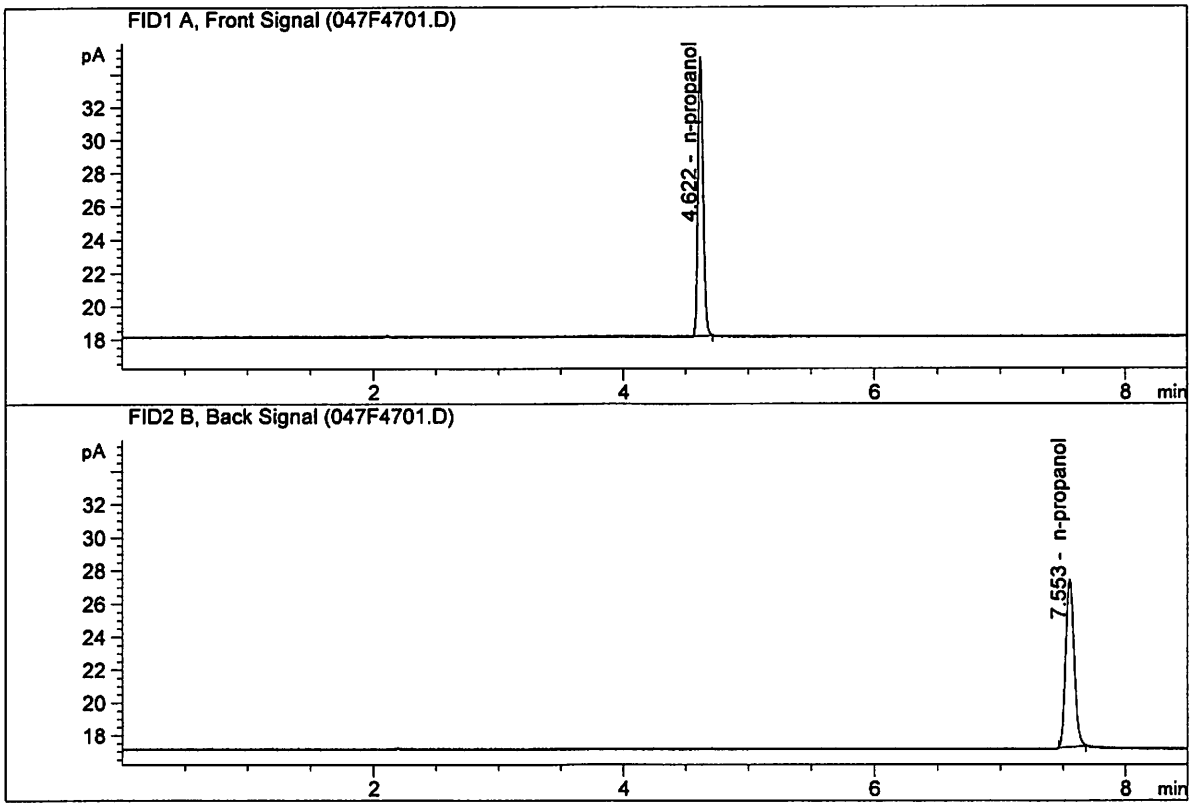
Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.23827	0.0795	g/100cc
2.	Ethanol	Column 2:	7.34212	0.0802	g/100cc
3.	n-Propanol	Column 1:	48.73909	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.74680	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Apr 6, 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:	47.96486	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.78833	1.0000	g/100cc

JL

Sequence File C:\Chem32\...8_SAMPLES\04-06-18_SAMPLES 2018-04-06 15-36-54\04-06-18_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\04-06-18_SAMPLES\04-06-18_SAMPLES 2018-04-06 15-36-54\04 06-18_SAMPLES.S
Data directory path: C:\Chem32\1\Data\04-06-18_SAMPLES\04-06-18_SAMPLES 2018-04-06 15-36-54\
Logbook: C:\Chem32\1\Data\04-06-18_SAMPLES\04-06-18_SAMPLES 2018-04-06 15-36-54\04 06-18_SAMPLES.LOG
Sequence start: 4/6/2018 3:51:39 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\04-06-18_SAMPLES\04-06-18_SAMPLES 2018-04-06 15-36-54 \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 FN10281510-	-	1.0000	005F0501.D		4
6	6	1	0.08 FN10281510-	-	1.0000	006F0601.D		4
7	7	1	M2018-1417-1-A	-	1.0000	007F0701.D		2
8	8	1	M2018-1417-1-B	-	1.0000	008F0801.D		2
9	9	1	M2018-1482-1-A	-	1.0000	009F0901.D		2
10	10	1	M2018-1482-1-B	-	1.0000	010F1001.D		2
11	11	1	M2018-1525-1-A	-	1.0000	011F1101.D		6
12	12	1	M2018-1525-1-B	-	1.0000	012F1201.D		6
13	13	1	M2018-1526-1-A	-	1.0000	013F1301.D		2
14	14	1	M2018-1526-1-B	-	1.0000	014F1401.D		2
15	15	1	M2018-1559-1-A	-	1.0000	015F1501.D		6
16	16	1	M2018-1559-1-B	-	1.0000	016F1601.D		6
17	17	1	M2018-1562-1-A	-	1.0000	017F1701.D		6
18	18	1	M2018-1562-1-B	-	1.0000	018F1801.D		6
19	19	1	M2018-1563-1-A	-	1.0000	019F1901.D		6
20	20	1	M2018-1563-1-B	-	1.0000	020F2001.D		6
21	21	1	M2018-1588-1-A	-	1.0000	021F2101.D		6
22	22	1	M2018-1588-1-B	-	1.0000	022F2201.D		6
23	23	1	M2018-1589-3-A	-	1.0000	023F2301.D		2
24	24	1	M2018-1589-3-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	M2018-1590-1-A	-	1.0000	027F2701.D		2
28	28	1	M2018-1590-1-B	-	1.0000	028F2801.D		2
29	29	1	M2018-1591-1-A	-	1.0000	029F2901.D		6
30	30	1	M2018-1591-1-B	-	1.0000	030F3001.D		6
31	31	1	M2018-1605-1-A	-	1.0000	031F3101.D		6
32	32	1	M2018-1605-1-B	-	1.0000	032F3201.D		6
33	33	1	M2018-1633-1-A	-	1.0000	033F3301.D		2
34	34	1	M2018-1633-1-B	-	1.0000	034F3401.D		2
35	35	1	M2018-1634-1-A	-	1.0000	035F3501.D		6
36	36	1	M2018-1634-1-B	-	1.0000	036F3601.D		6
37	37	1	M2018-1677-1-A	-	1.0000	037F3701.D		6
38	38	1	M2018-1677-1-B	-	1.0000	038F3801.D		6
39	39	1	M2018-1678-1-A	-	1.0000	039F3901.D		6
40	40	1	M2018-1678-1-B	-	1.0000	040F4001.D		6
41	41	1	M2018-1679-1-A	-	1.0000	041F4101.D		6
42	42	1	M2018-1679-1-B	-	1.0000	042F4201.D		6
43	43	1	P2018-0886-1-A	-	1.0000	043F4301.D		6

JL

Sequence File C:\Chem32\...8_SAMPLES\04-06-18_SAMPLES 2018-04-06 15-36-54\04-06-18_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	P2018-0886-1-B	-	1.0000	044F4401.D	6
45	45	1	QC1-2-A	-	1.0000	045F4501.D	4
46	46	1	QC1-2-B	-	1.0000	046F4601.D	4
47	47	1	INTERNAL STD BLK	-	1.0000	047F4701.D	2

Method file name: C:\Chem32\1\Data\04-06-18_SAMPLES\04-06-18_SAMPLES 2018-04-06 15-36-54 \SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
48	48	1	EMPTY	-	1.0000	048F4801.D	0

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Friday, April 06, 2018 2:51:07 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

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

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.586	1	1	1.00000	3.69669	2.70512e-1	No	No	1	methanol
2.809	1	1	1.00000	4.26100	2.34687e-1	No	No	2	Acetaldehyde
2.977	2	1	1.00000	4.26100	2.34687e-1	No	No	2	Acetaldehyde
3.075	1	1	5.00000e-2	4.31850	1.15781e-2	No	No	1	ethanol
		2	1.00000e-1	8.98654	1.11278e-2				
		3	2.00000e-1	18.28089	1.09404e-2				
		4	3.00000e-1	28.18298	1.06447e-2				
		5	5.00000e-1	46.11451	1.08426e-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	4.47582	1.11711e-2	No	No	2	ethanol
		2	1.00000e-1	9.25083	1.08098e-2				
		3	2.00000e-1	19.01676	1.05170e-2				
		4	3.00000e-1	29.54195	1.01550e-2				
		5	5.00000e-1	48.83205	1.02392e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	45.45897	2.19979e-2	No	Yes	1	n-propanol
		2	1.00000	47.69609	2.09661e-2				
		3	1.00000	49.20848	2.03217e-2				
		4	1.00000	50.05793	1.99769e-2				
		5	1.00000	48.93941	2.04334e-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	47.43946	2.10795e-2	No	Yes	2	n-propanol
		2	1.00000	49.37121	2.02547e-2				
		3	1.00000	50.91416	1.96409e-2				
		4	1.00000	51.64200	1.93641e-2				
		5	1.00000	50.30536	1.98786e-2				

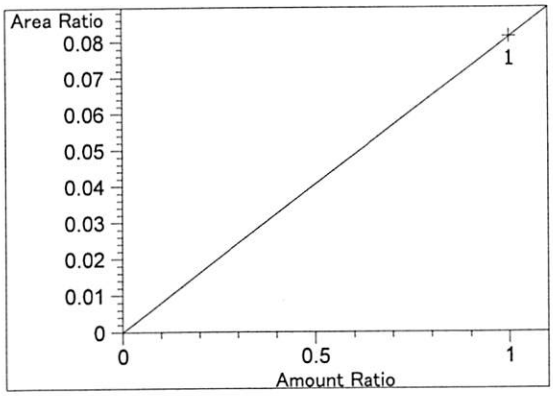
Peak Sum Table

No Entries in table

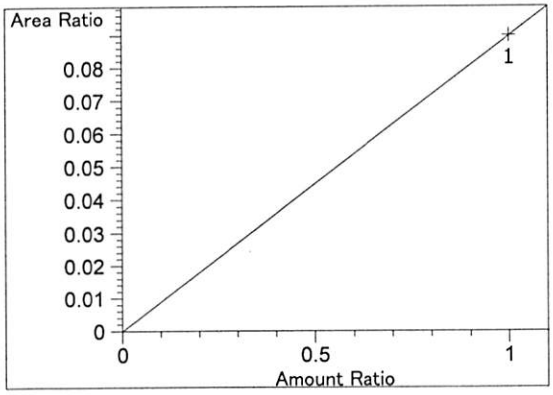
41 Warnings or Errors (10 first messages follow) :

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

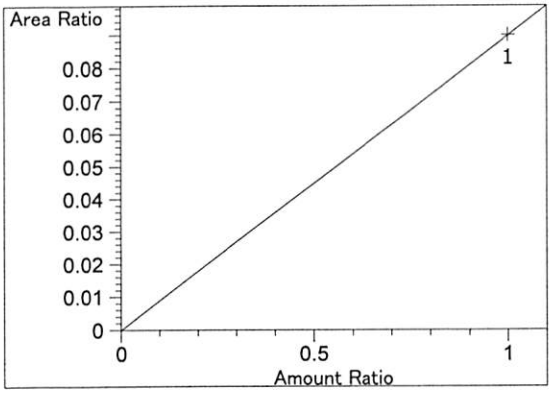
Calibration Curves



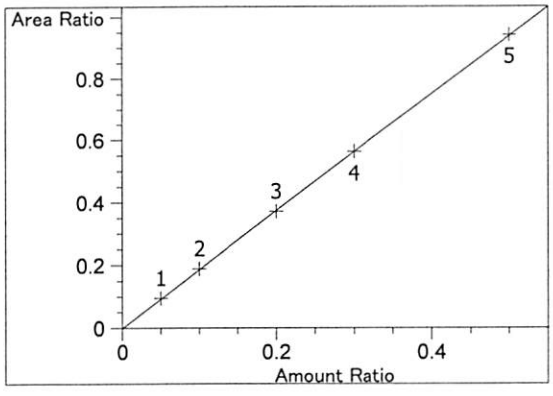
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.13194e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.98197e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

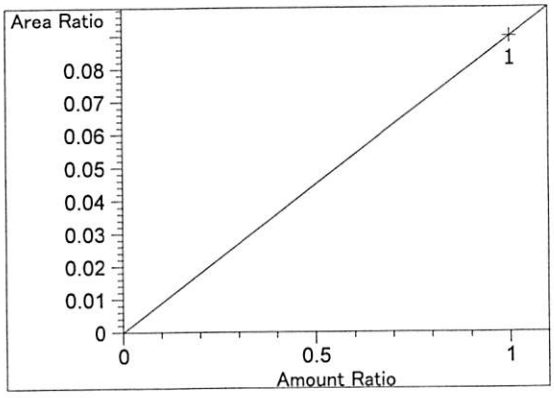


Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.98197e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

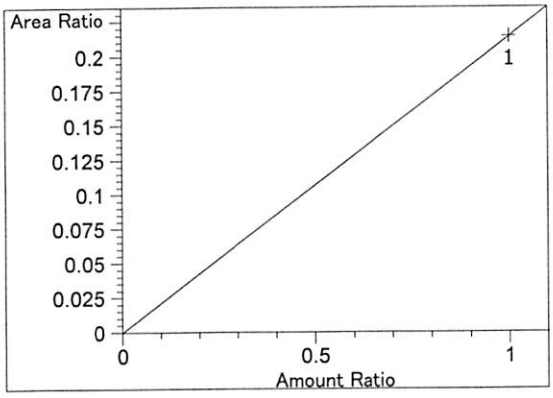


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00291
Formula: y = mx + b
m: 1.88349
b: -1.16500e-3
x: Amount Ratio
y: Area Ratio

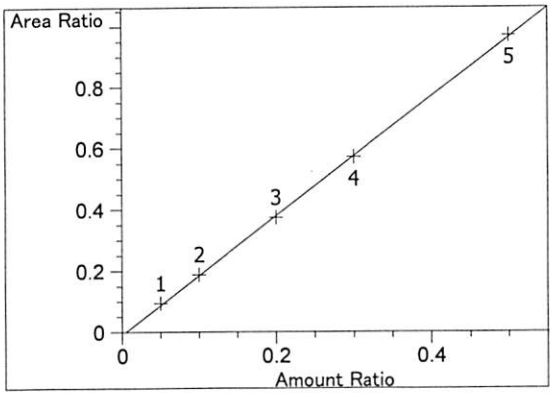
JC



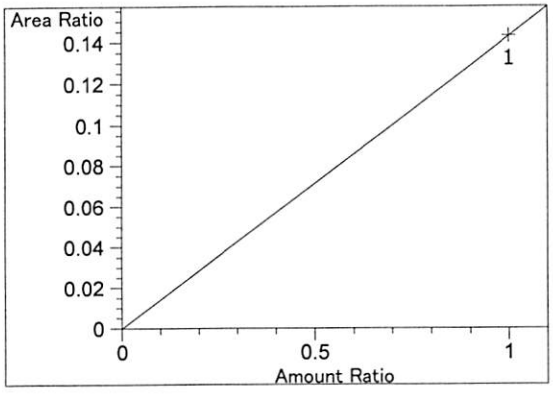
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.98118e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.14051e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

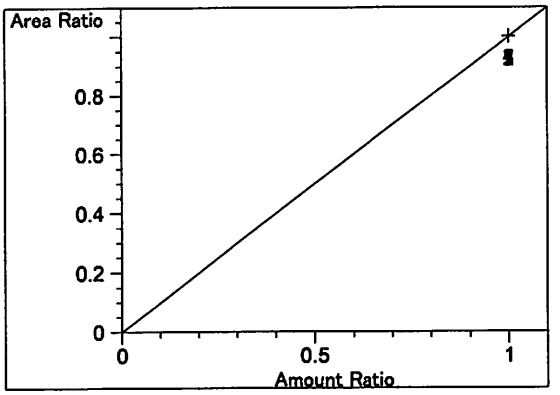


ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99987
Residual Std. Dev.: 0.00658
Formula: y = mx + b
m: 1.94992
b: -8.88310e-3
x: Amount Ratio
y: Area Ratio

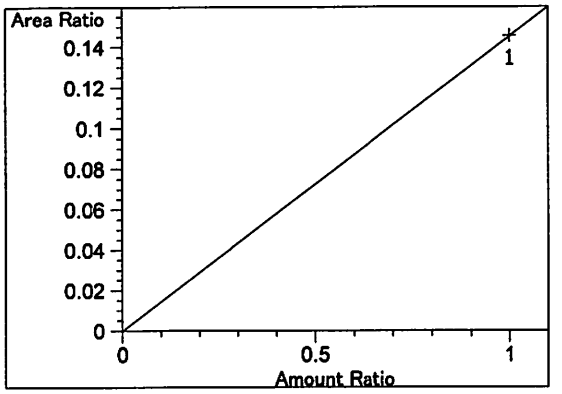


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.42973e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

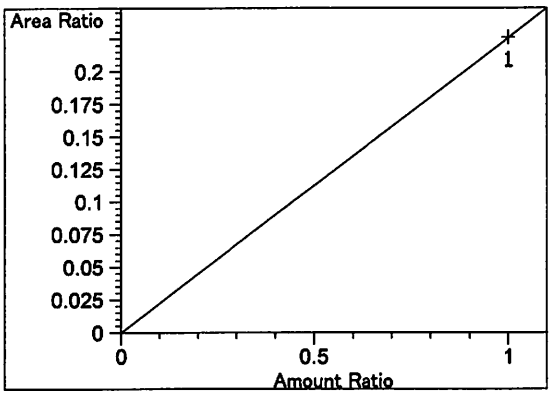
JC



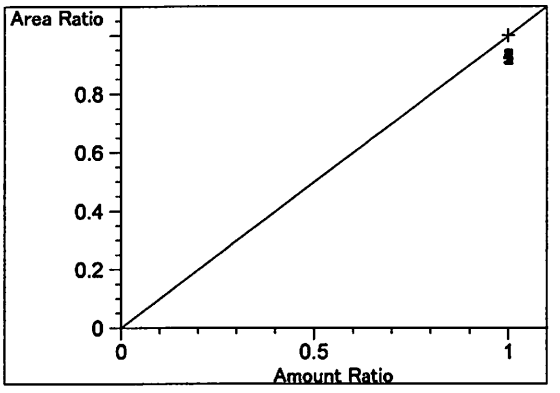
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.45301e-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: 2.25686e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

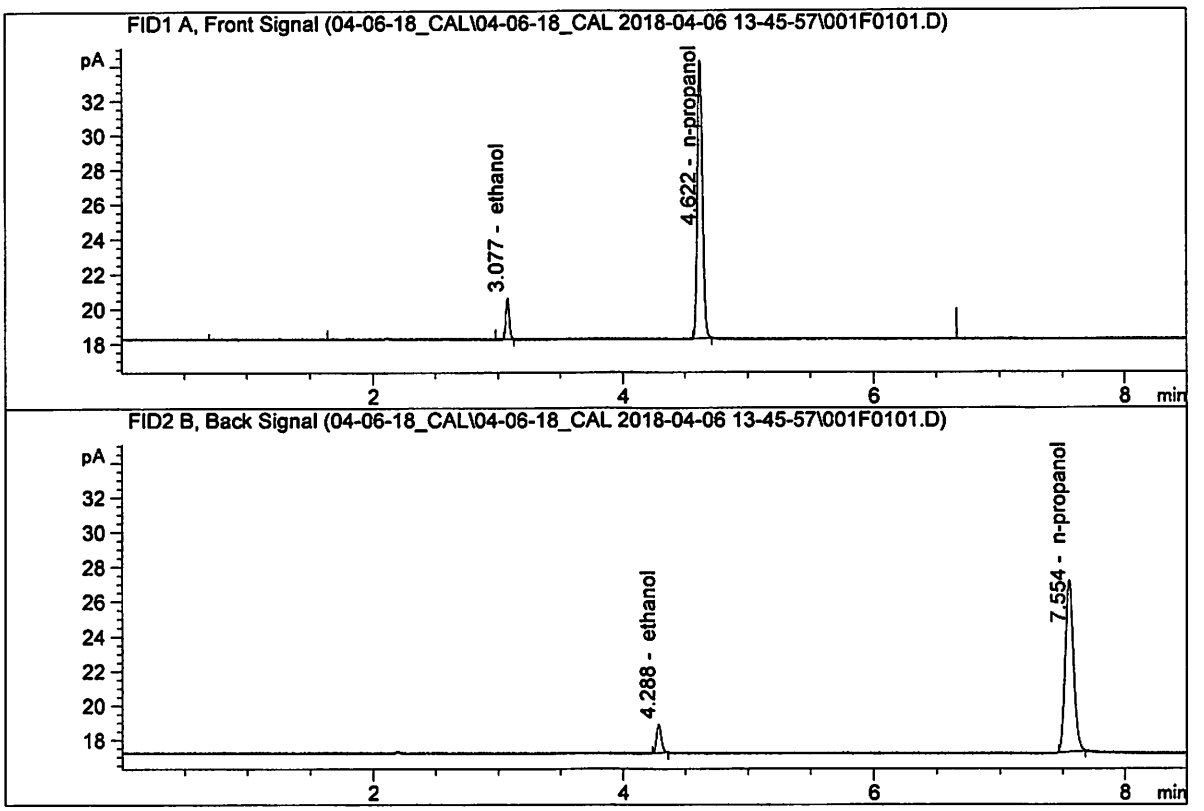


n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

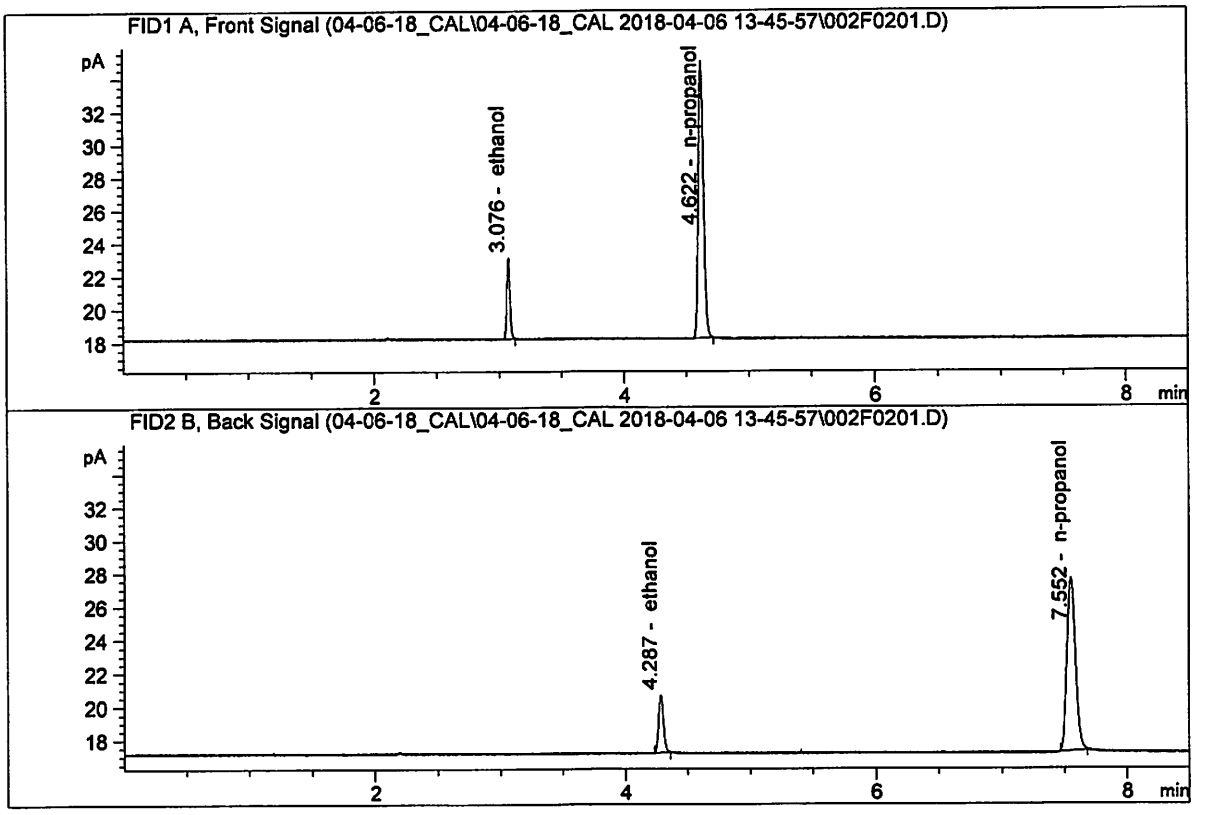


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.31850	0.0511	g/100cc
2.	Ethanol	Column 2:	4.47582	0.0529	g/100cc
3.	n-Propanol	Column 1:	45.45897	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.43946	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

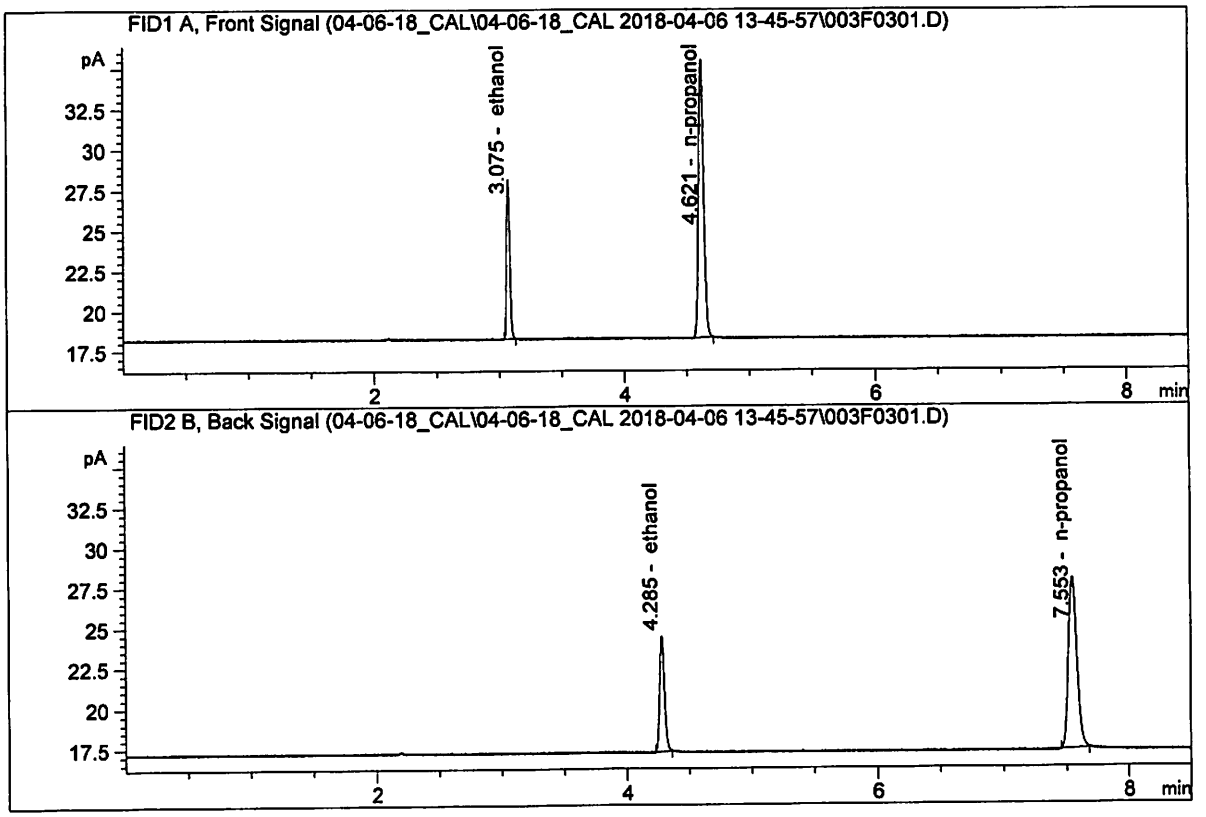


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.98654	0.1007	g/100cc
2.	Ethanol	Column 2:	9.25083	0.1006	g/100cc
3.	n-Propanol	Column 1:	47.69609	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.37121	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

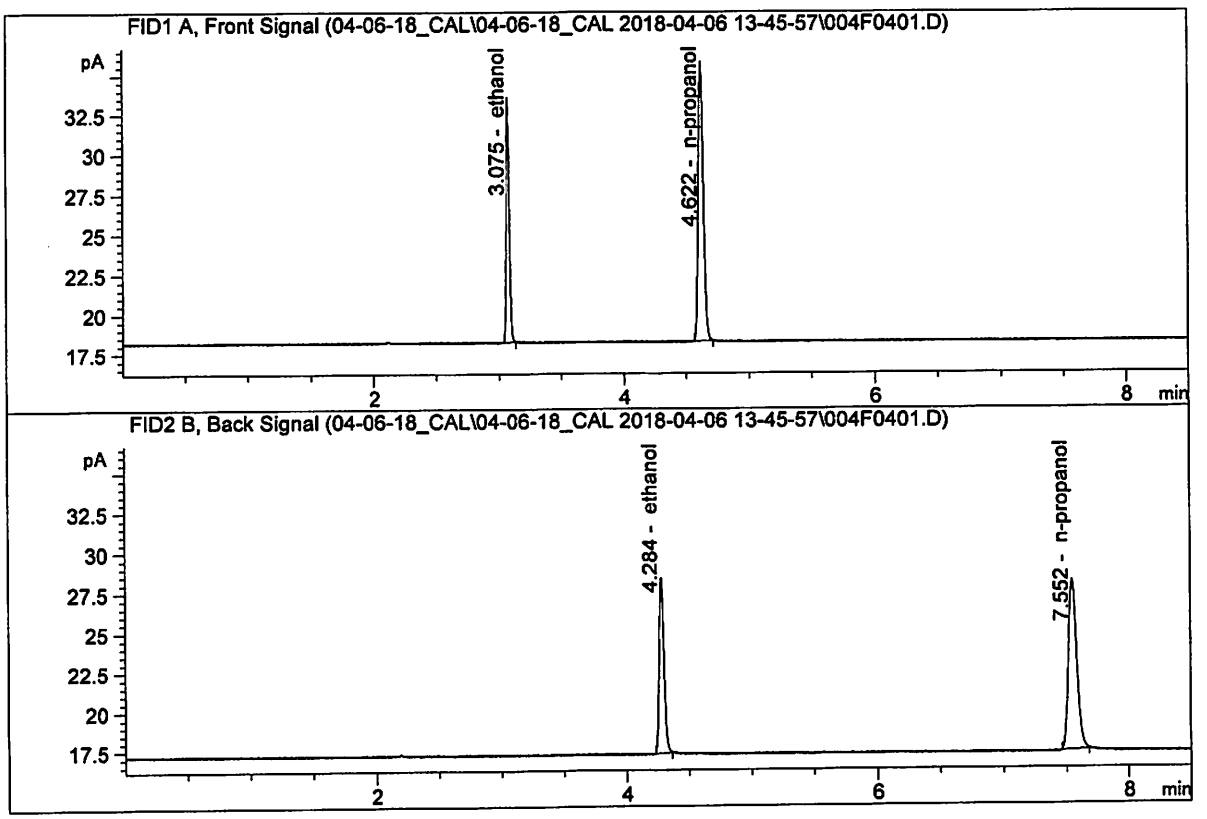
Sample Name : 0.200 FN12011401
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.28089	0.1979	g/100cc
2.	Ethanol	Column 2:	19.01676	0.1961	g/100cc
3.	n-Propanol	Column 1:	49.20848	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.91416	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN06051501
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

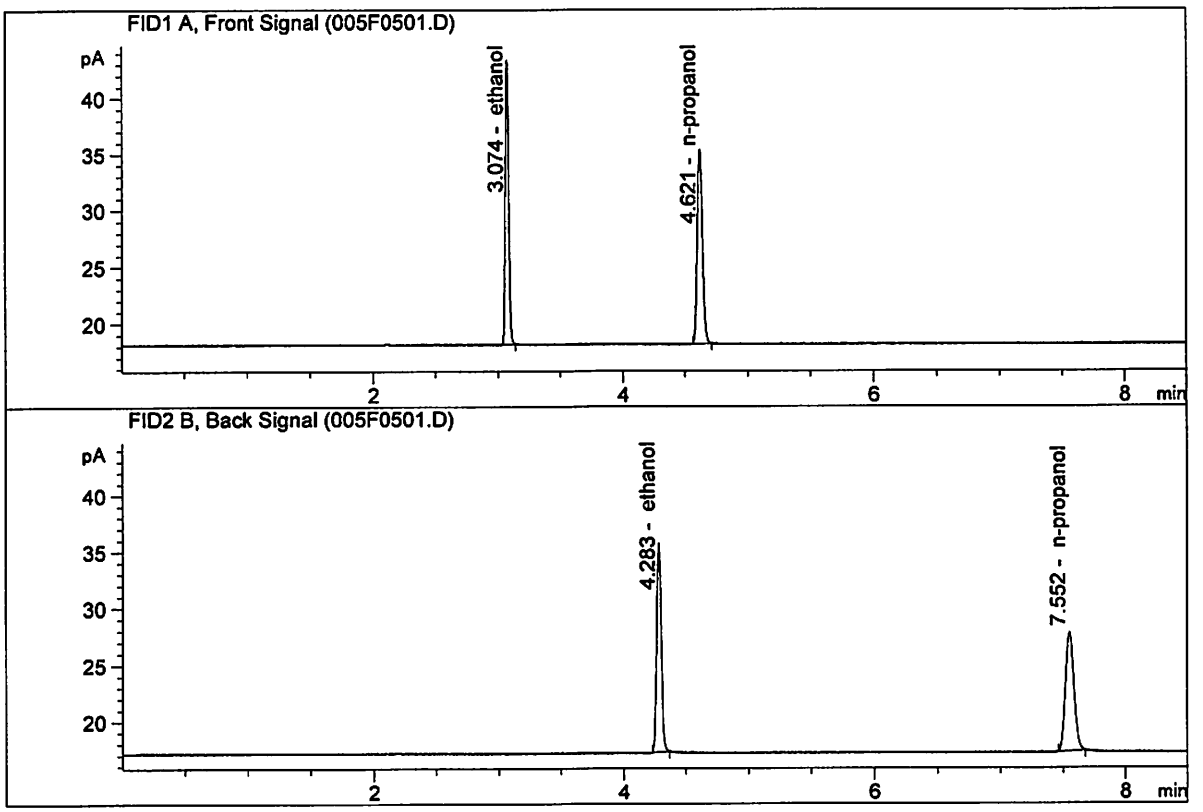


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	28.18298	0.2995	g/100cc
2.	Ethanol	Column 2:	29.54195	0.2979	g/100cc
3.	n-Propanol	Column 1:	50.05793	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.64200	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Apr 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

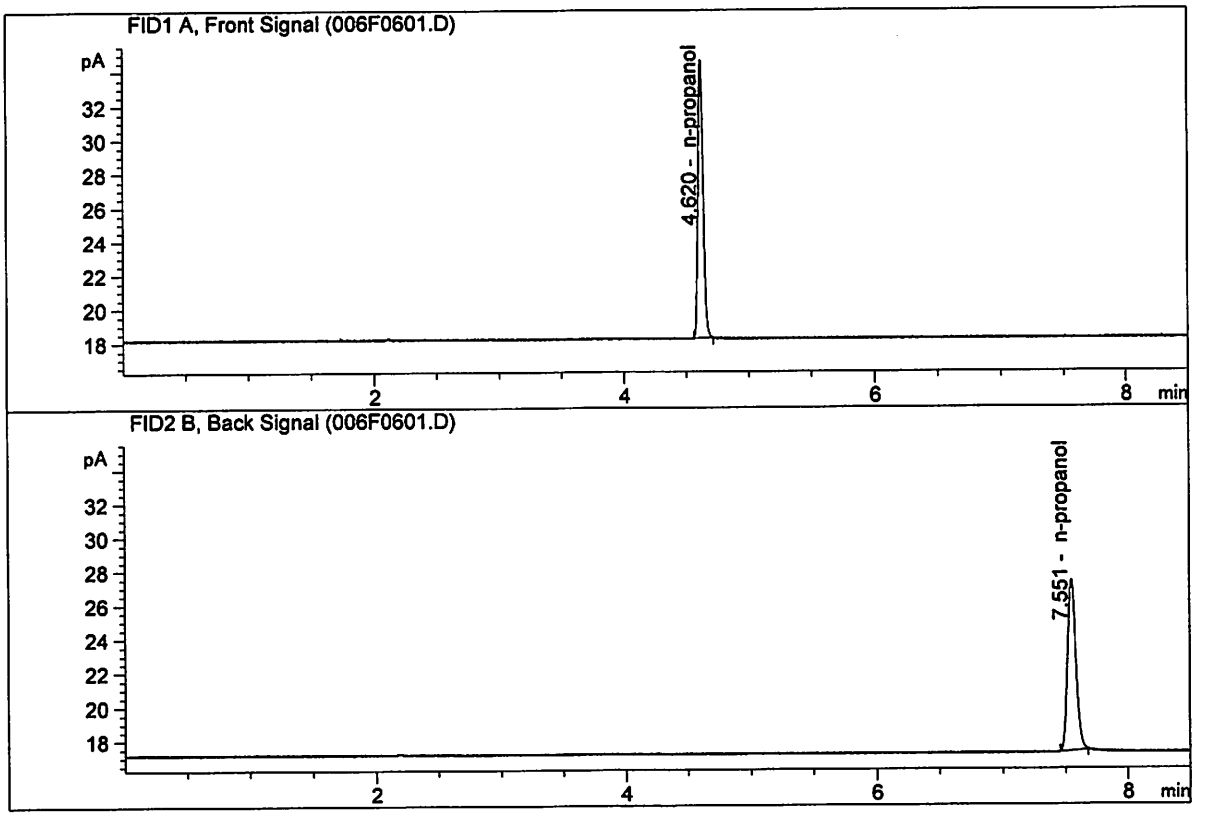


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.11451	0.5009	g/100cc
2.	Ethanol	Column 2:	48.83205	0.5024	g/100cc
3.	n-Propanol	Column 1:	48.93941	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.30536	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Apr 6, 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:	46.77128	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.12255	1.0000	g/100cc

JC

Sequence File C:\Chem32\1\Data\04-06-18_CAL\04-06-18_CAL 2018-04-06 13-45-57\04-06-18_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\04-06-18_CAL\04-06-18_CAL 2018-04-06 13-45-57\04-06-18_CAL.S
Data directory path: C:\Chem32\1\Data\04-06-18_CAL\04-06-18_CAL 2018-04-06 13-45-57\
Logbook: C:\Chem32\1\Data\04-06-18_CAL\04-06-18_CAL 2018-04-06 13-45-57\04-06-18_CAL.LOG
Sequence start: 4/6/2018 2:00:33 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\04-06-18_CAL\04-06-18_CAL 2018-04-06 13-45-57\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 FN06051501	-	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

The following QC packet was rejected due to Expired cal curve. All listed samples were rerun 4/6/18 with new cal curve.

-JG
4/

Bradley, Nikka

From: Bradley, Nikka
Sent: Friday, April 06, 2018 10:52 AM
To: Garner, John T.
Subject: bats

Hey!!!

This is regarding our discussion today about Jeremy and I determining that WORKLIST2308 from 4/3/18-4/4/18 run not being in compliance with the AM because the calibration curve was ran 3/20/18 and is outside the 14 day requirement.

Just a friendly reminder that when you re-extract to leave your original 4/3-4/4 data in the notes packet. Accreditation requirements does not allow us to not include data that was already sent in for original review, if that makes sense. It is also a good idea to not overwrite the scanned QC packet with just the data from the future extraction. Perhaps, have both of them go to the website as Worklist2308a and Worklist2308b or have them be scanned both packets together as one run? Just a suggestion for keeping all documentations in order. ☺

Nikka Bradley
Idaho State Police Forensic Services
Forensic Scientist II
700 S. Stratford Dr. Ste 125
Meridian, Idaho 83642
208.884.7171
nikka.bradley@isp.idaho.gov
www.isp.idaho.gov

JC

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 Dates: ~~04/03/2018~~ JC 4/3/18- 4/4/18

Calibration: 03/20/2018

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702-0.0858	0.0769 g/100cc
					0.0810 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818-.2222	0.1999 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Exp date: Sept 2020**	**Lot #**	FN06041503		OK
Curve Fit:		**Column 1**	0.99999	**Column2**	0.99996

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	0.0508	0.0522	0.0014	0.0515
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.0988	0.0990	0.0002	0.0989
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1999	0.1981	0.0018	0.199
0.300	Jun-20	FN06051501	0.300	0.270 - 0.330	0.3007	0.3000	0.0007	0.3003
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.4998	0.5007	0.0009	0.5002

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.079 g/100cc

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

Issued: 4/22/2015

Volatiles QA/QC data spreadsheet Rev 5

Issuing Authority: Quality Manager

Cal Curve ~~failed~~ JC expired. Samples were all reran 4/6/18 with new calibration curve.

JC

Worklist: 2308

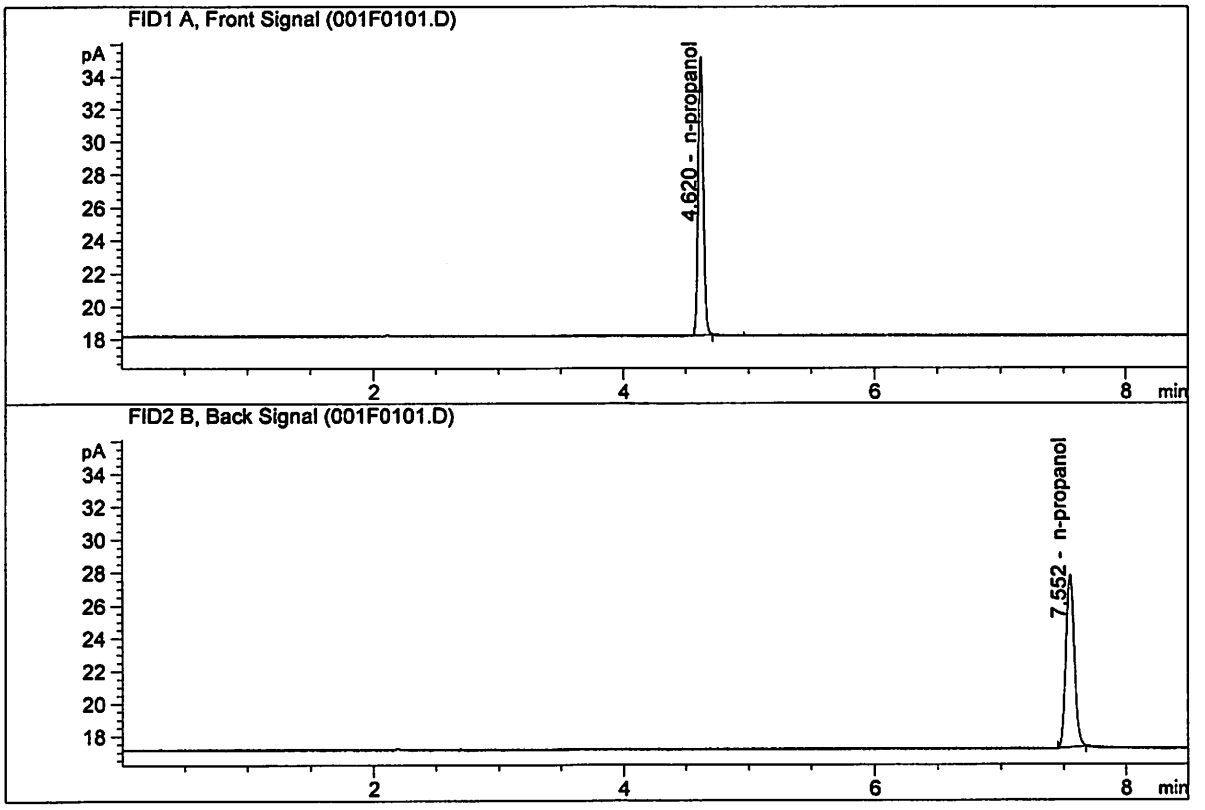
LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2018-1417	1	110624	Alcohol Analysis
M2018-1482	1	110820	Alcohol Analysis
M2018-1525	1	111032	Alcohol Analysis
M2018-1526	1	111036	Alcohol Analysis
M2018-1559	1	111125	Alcohol Analysis
M2018-1562	1	111128	Alcohol Analysis
M2018-1563	1	111130	Alcohol Analysis
M2018-1588	1	111339	Alcohol Analysis
M2018-1589	3	111342	Alcohol Analysis
M2018-1590	1	111346	Alcohol Analysis
M2018-1591	1	111350	Alcohol Analysis
M2018-1605	1	111402	Alcohol Analysis
M2018-1633	1	111633	Alcohol Analysis
M2018-1634	1	111634	Alcohol Analysis
M2018-1677	1	111787	Alcohol Analysis
M2018-1678	1	111788	Alcohol Analysis
M2018-1679	1	111794	Alcohol Analysis
P2018-0886	1	110816	Alcohol Analysis

Calibration curve expired. Samples were reran 4/6/18 with new Calibration curve.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Apr 3, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

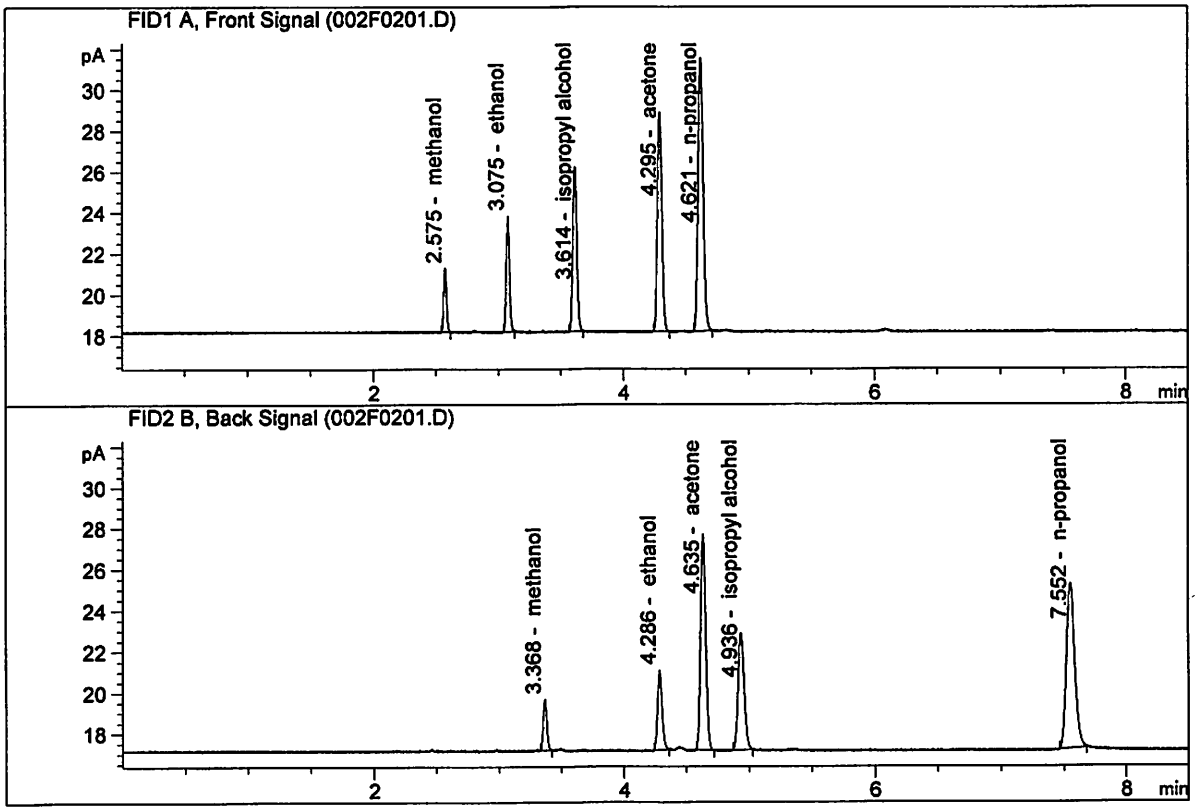


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	48.49298	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.33625	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041503
Laboratory : Meridian
Injection Date : Apr 3, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	10.04150	0.1415	g/100cc
2.	Ethanol	Column 2:	10.32392	0.1426	g/100cc
3.	n-Propanol	Column 1:	37.67056	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.28678	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 03 Apr 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0770	0.0778	0.0008	0.0774	0.0769	
(g/100cc)	0.0759	0.0770	0.0011	0.0764		

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%**

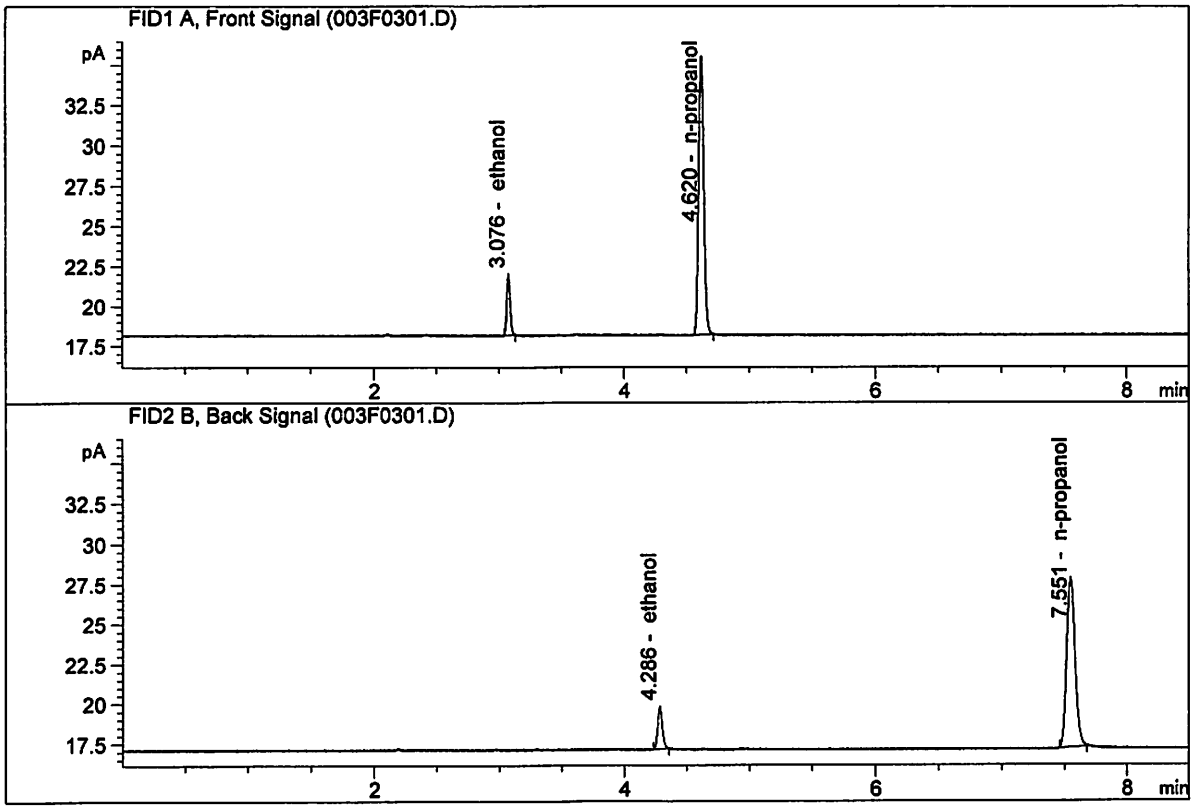
Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	0.072	0.080	0.004

	Reported Result	
	0.076	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Apr 3, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

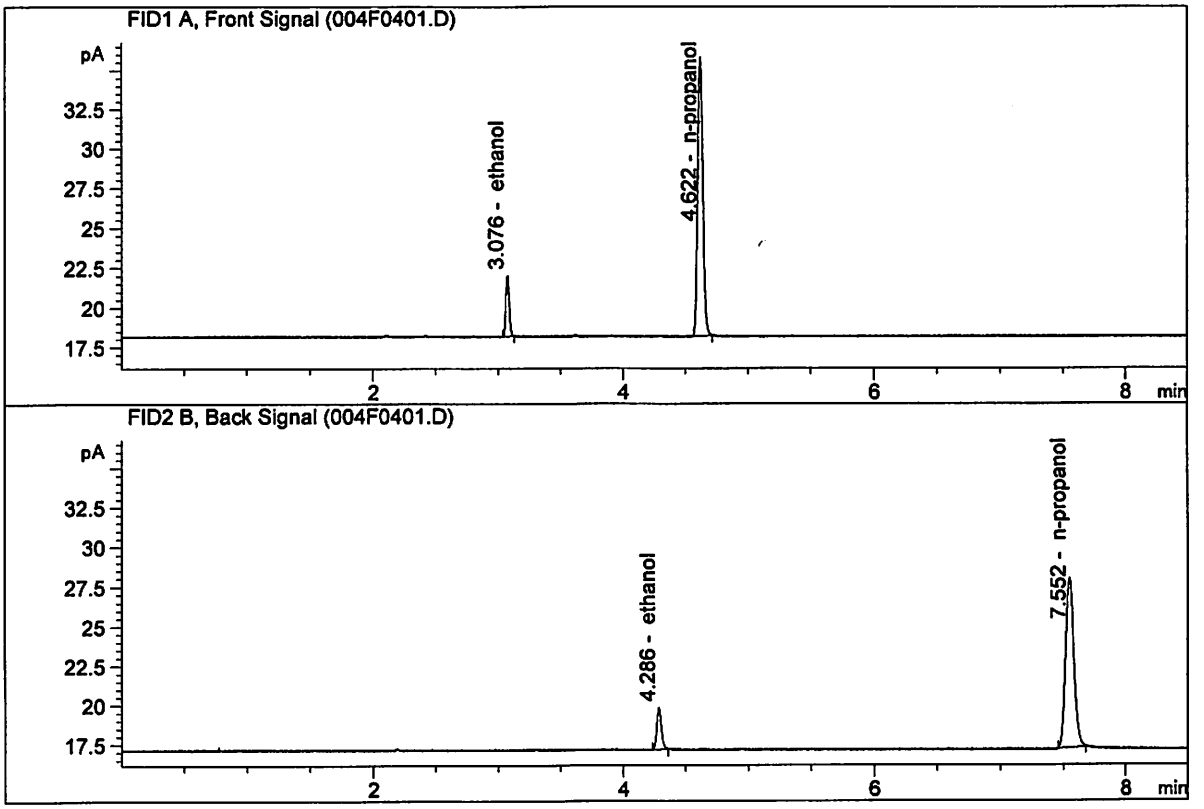


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.13400	0.0770	g/100cc
2.	Ethanol	Column 2:	7.21657	0.0778	g/100cc
3.	n-Propanol	Column 1:	49.54353	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.72165	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Apr 3, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.14690	0.0759	g/100cc
2.	Ethanol	Column 2:	7.24269	0.0770	g/100cc
3.	n-Propanol	Column 1:	50.39858	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.52309	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 03 Apr 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0785	0.0792	0.0007	0.0788	0.0794	
(g/100cc)	0.0793	0.0806	0.0013	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: MDL600HC11378

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

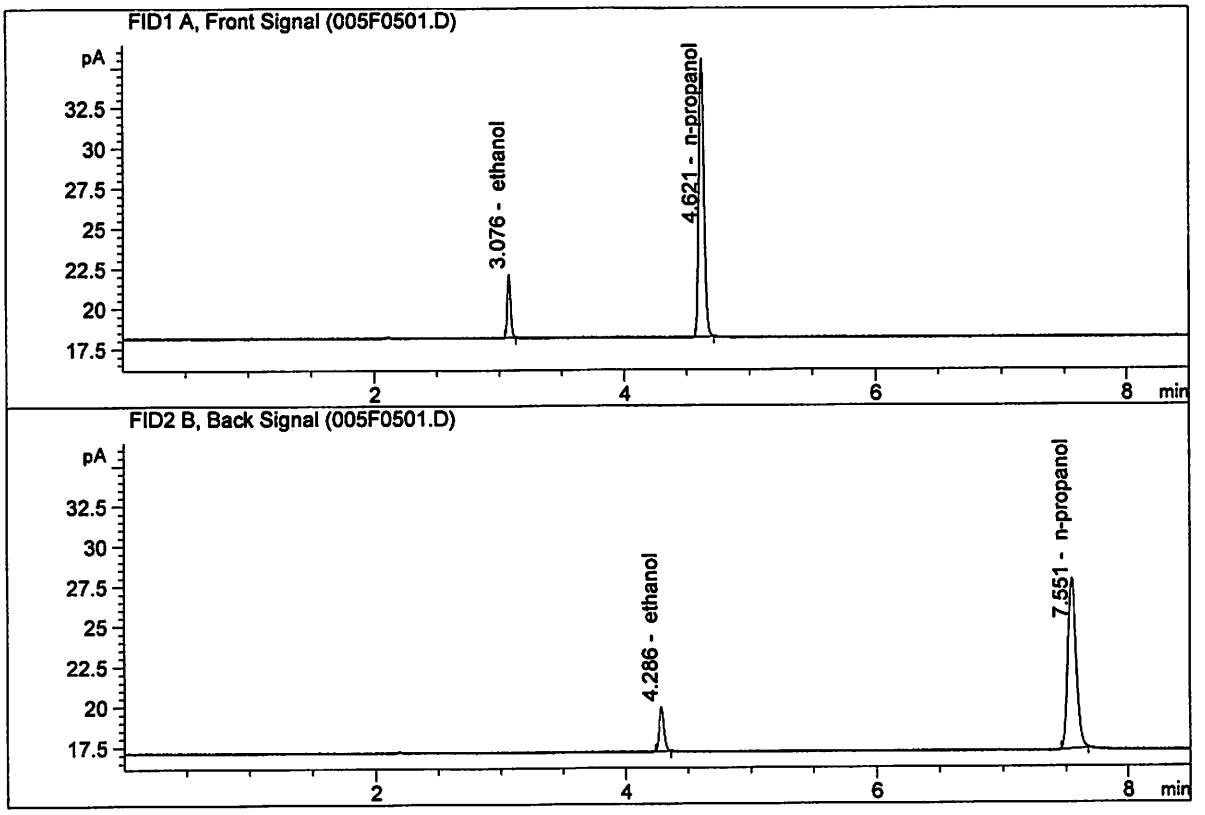
0.079

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Apr 3, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

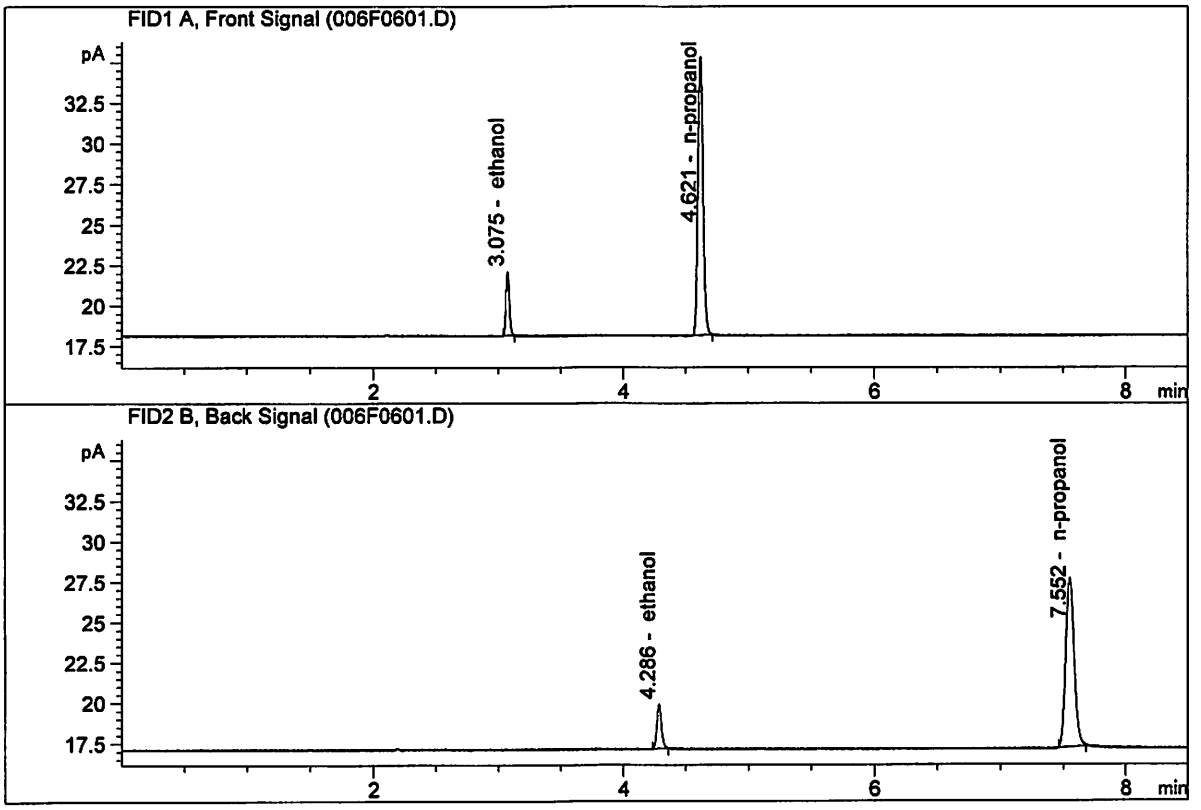


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.27476	0.0785	g/100cc
2.	Ethanol	Column 2:	7.34893	0.0792	g/100cc
3.	n-Propanol	Column 1:	49.57309	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.66968	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Apr 3, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.27839	0.0793	g/100cc
2.	Ethanol	Column 2:	7.39139	0.0806	g/100cc
3.	n-Propanol	Column 1:	49.04860	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.05581	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 03 Apr 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1982	0.1981	0.0001	0.1981	0.1999	
(g/100cc)	0.2013	0.2021	0.0008	0.2017		

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
0.199	0.189	0.209	0.010

Reported Result

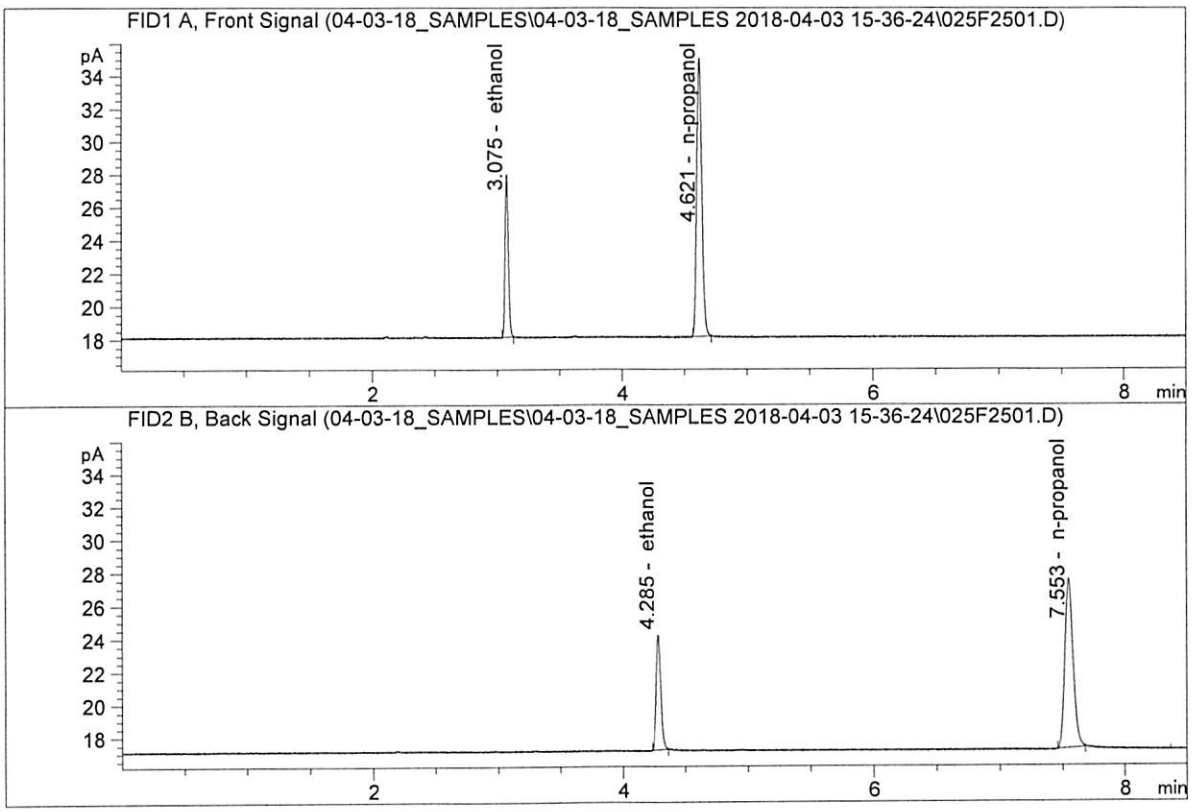
0.199

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : ~~QC1-2-A~~ JC QC2-1-A
Laboratory : Meridian
Injection Date : Apr 3, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

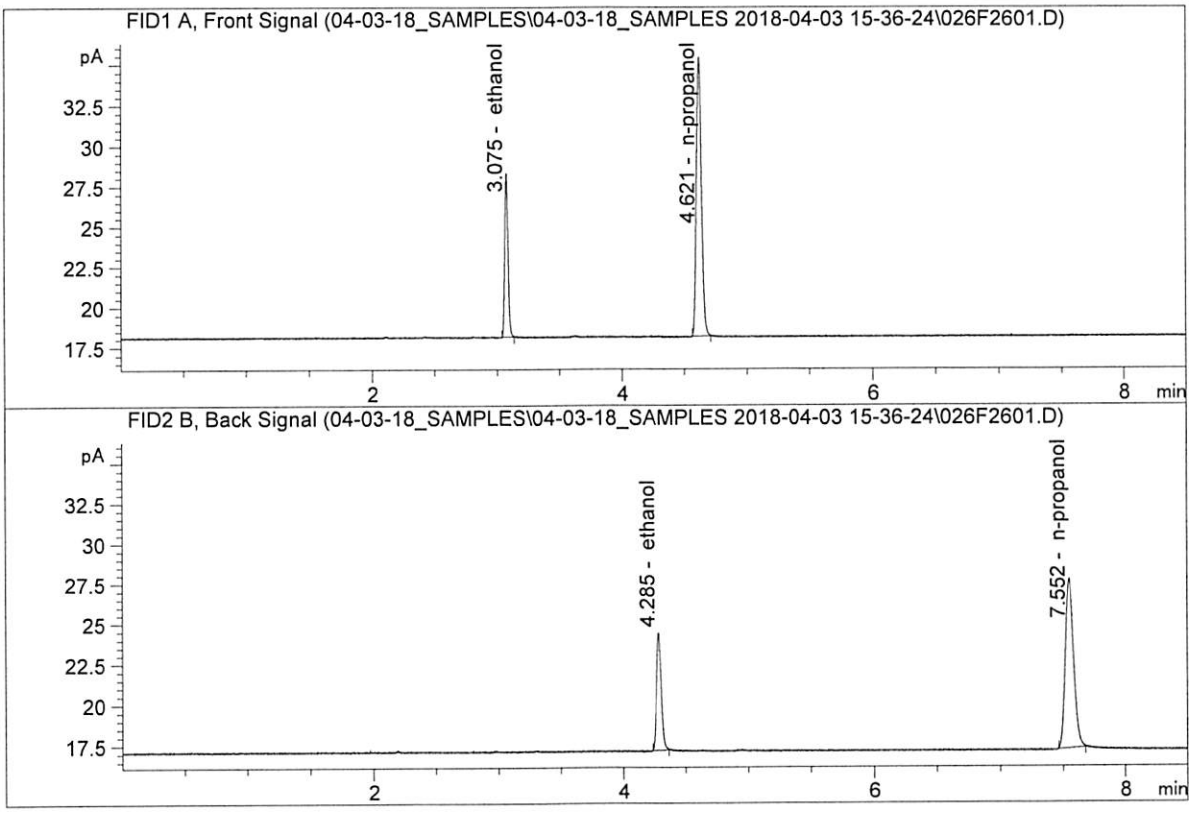


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.05547	0.1982	g/100cc
2.	Ethanol	Column 2:	18.61212	0.1981	g/100cc
3.	n-Propanol	Column 1:	48.23845	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.16132	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : ~~QC1-2-B~~ JG QC2-1-B
Laboratory : Meridian
Injection Date : Apr 3, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.62989	0.2013	g/100cc
2.	Ethanol	Column 2:	19.27131	0.2021	g/100cc
3.	n-Propanol	Column 1:	49.02329	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.86549	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 03 Apr 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0807	0.0822	0.0015	0.0814	0.0810	
(g/100cc)	0.0798	0.0813	0.0015	0.0805		

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
0.081	**0.076**	**0.086**	**0.005**

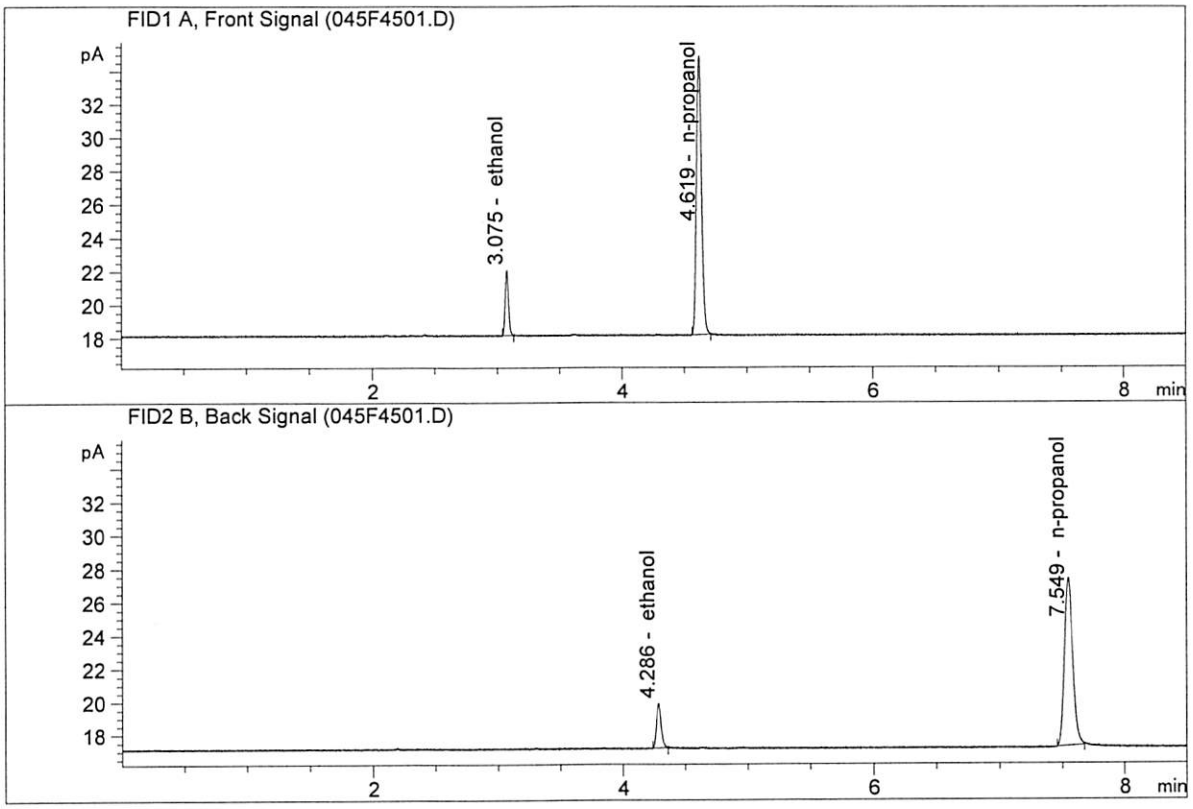
Reported Result

0.081

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name	:	QC1-2 A ~~QC2-2-A~~
Laboratory	:	Meridian
Injection Date	:	Apr 3, 2018
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167



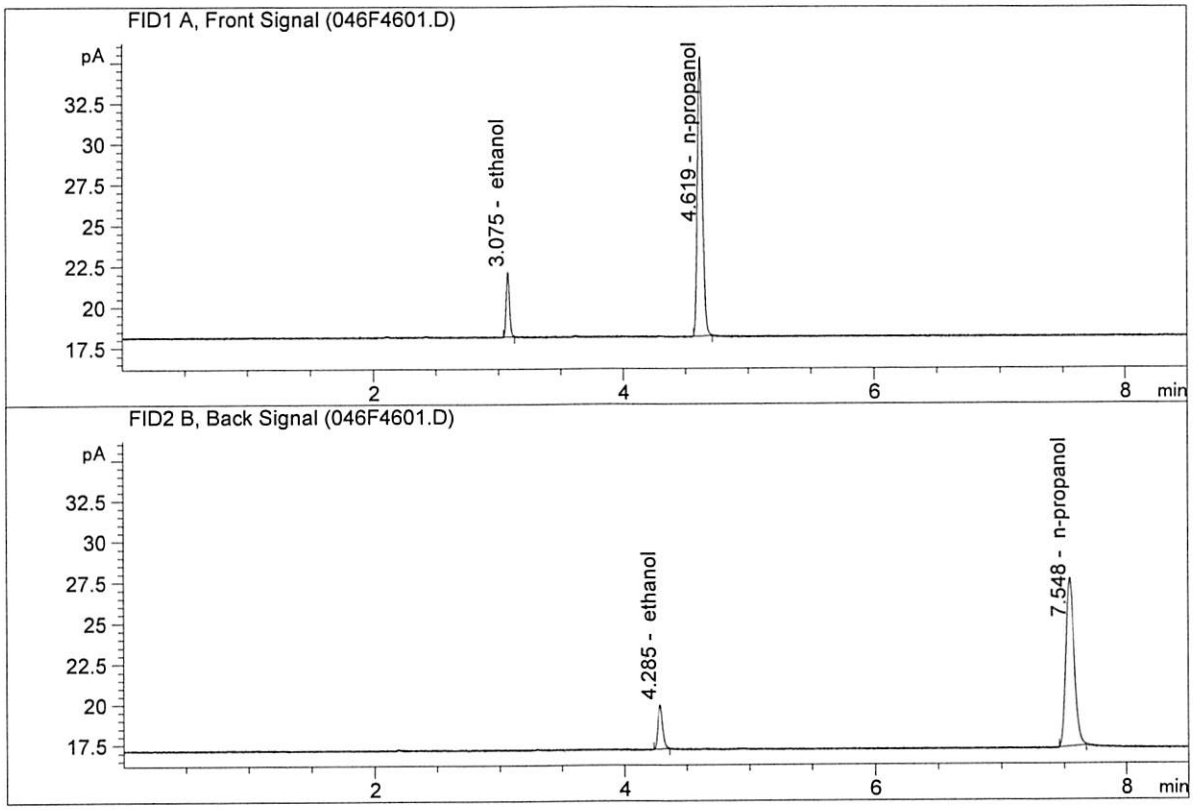
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.17326	0.0807	g/100cc
2.	Ethanol	Column 2:	7.25738	0.0822	g/100cc
3.	n-Propanol	Column 1:	47.51611	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.12317	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

QC-2-B

Sample Name : ~~QC2-2-B~~
Laboratory : Meridian
Injection Date : Apr 3, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

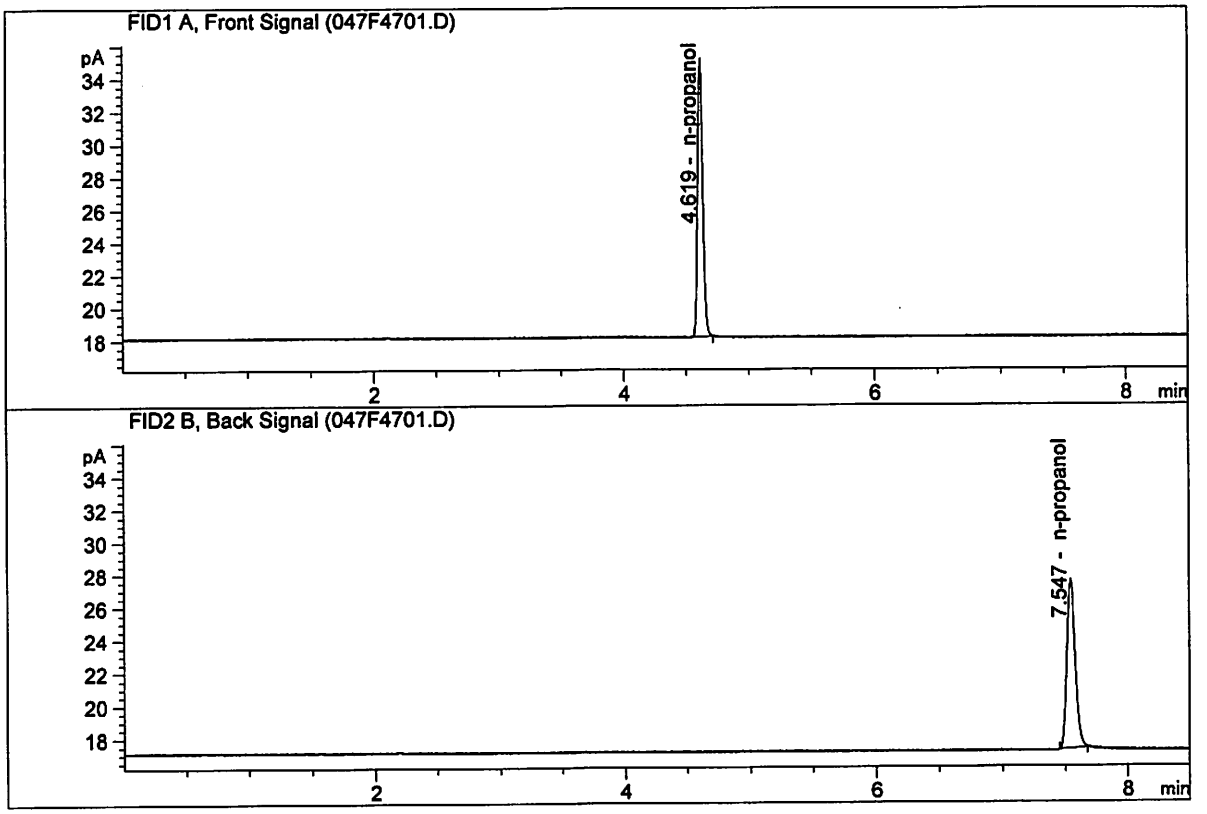


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.25319	0.0798	g/100cc
2.	Ethanol	Column 2:	7.34549	0.0813	g/100cc
3.	n-Propanol	Column 1:	48.61213	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.27962	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

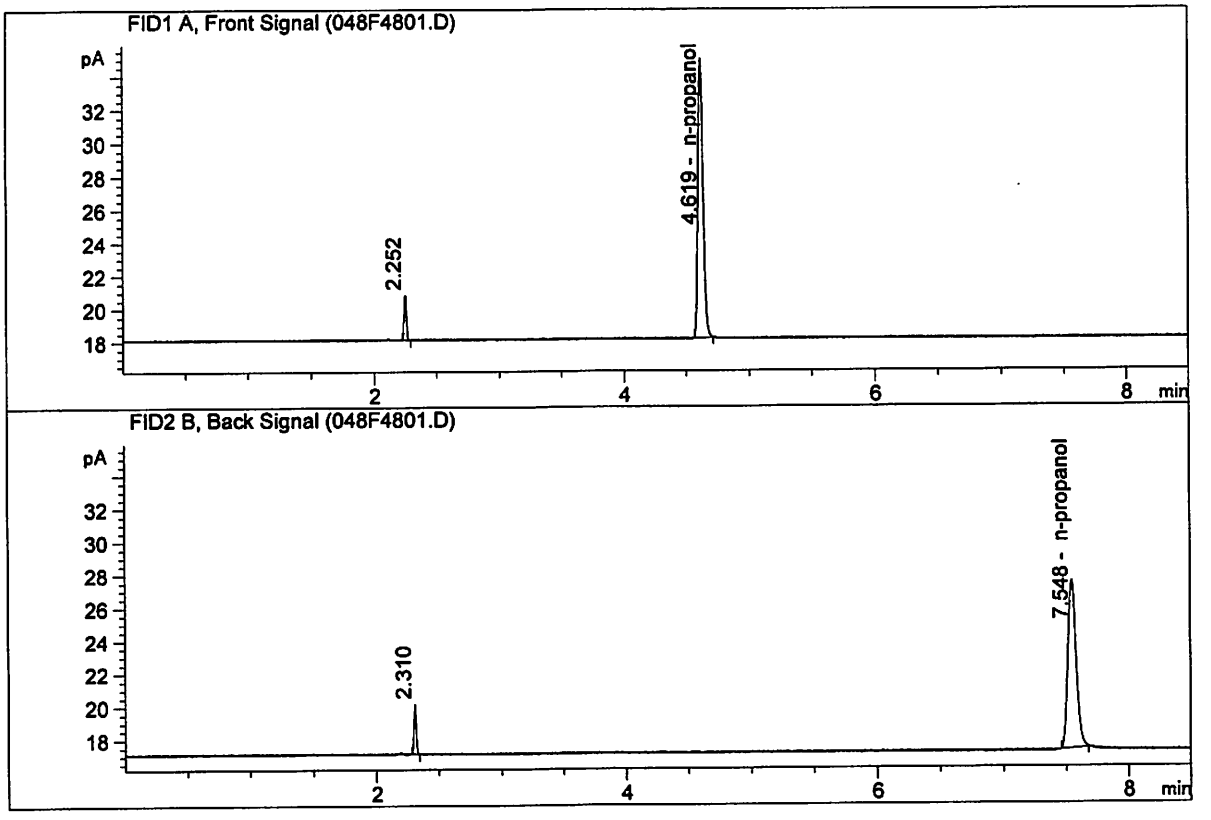
Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Apr 3, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	48.38907	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.04528	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

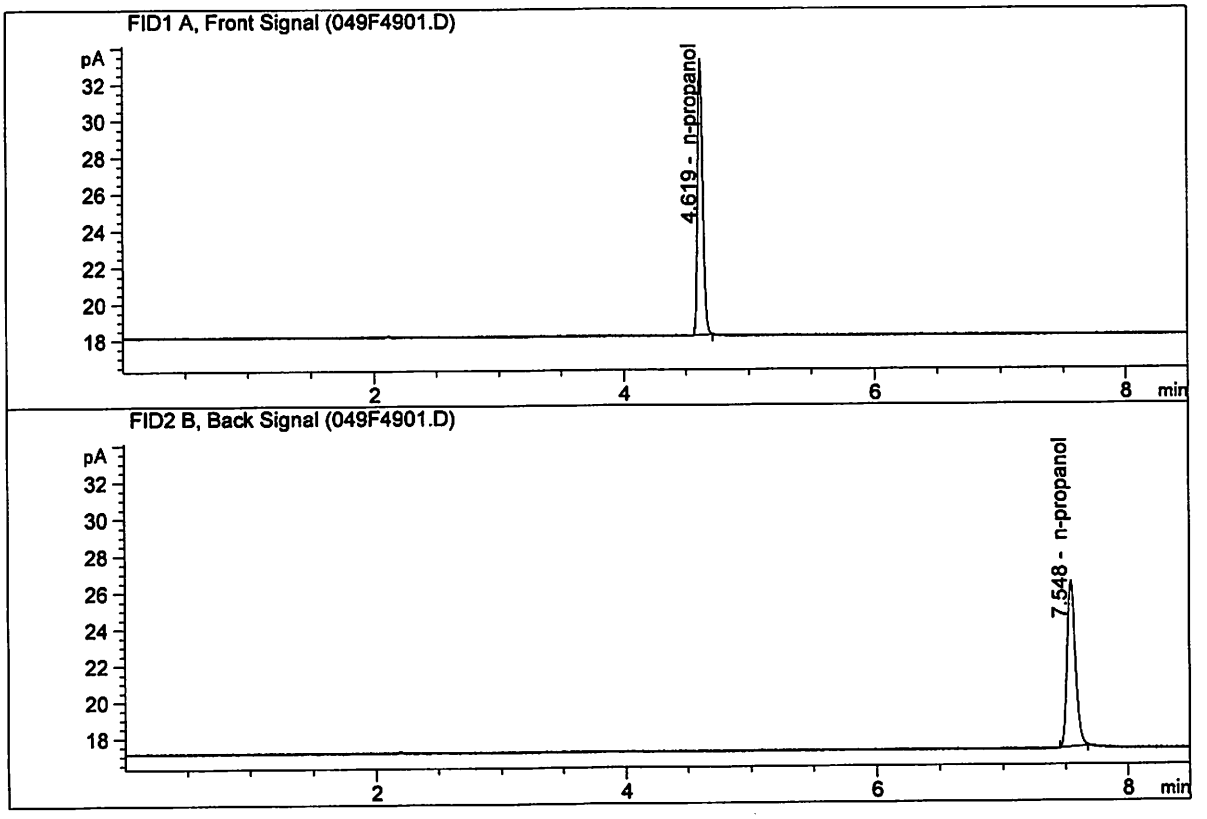
Sample Name : TFE 111914
Laboratory : Meridian
Injection Date : Apr 4, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	47.80351	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.45762	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Apr 4, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

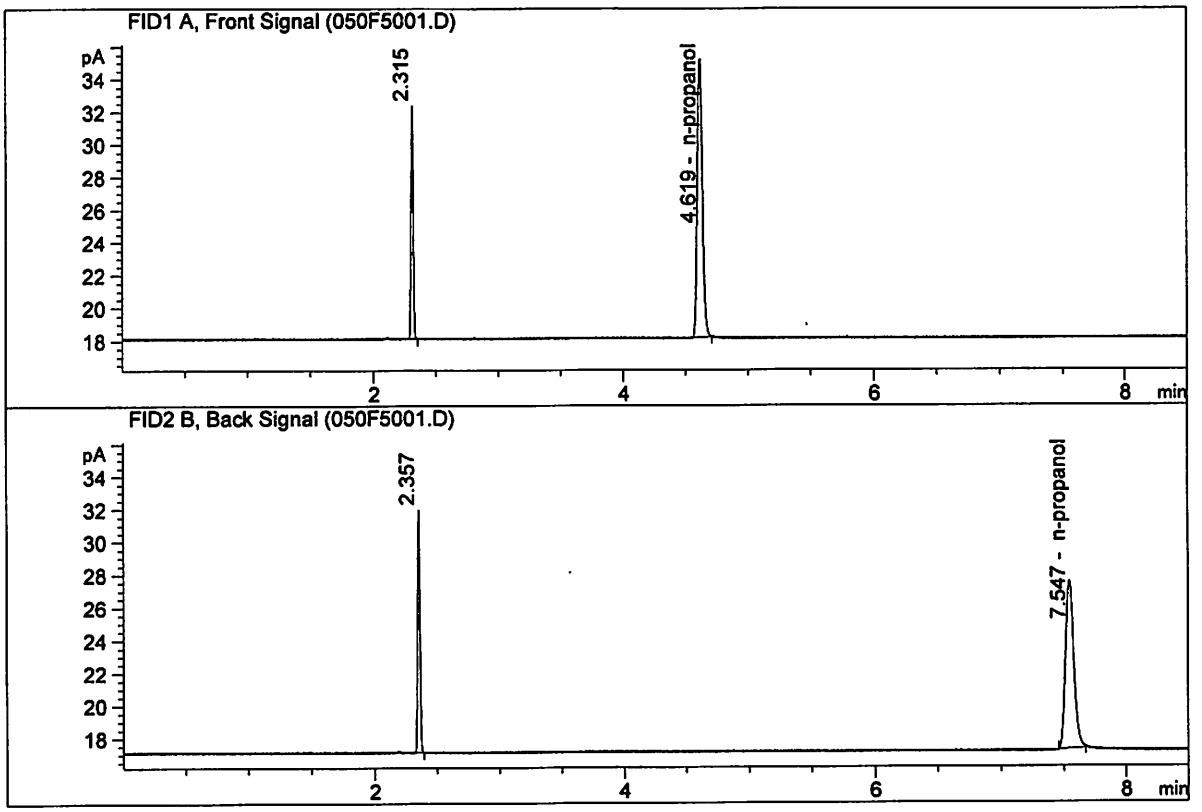


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	43.01577	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.46025	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : DFE 111914OM
Laboratory : Meridian
Injection Date : Apr 4, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

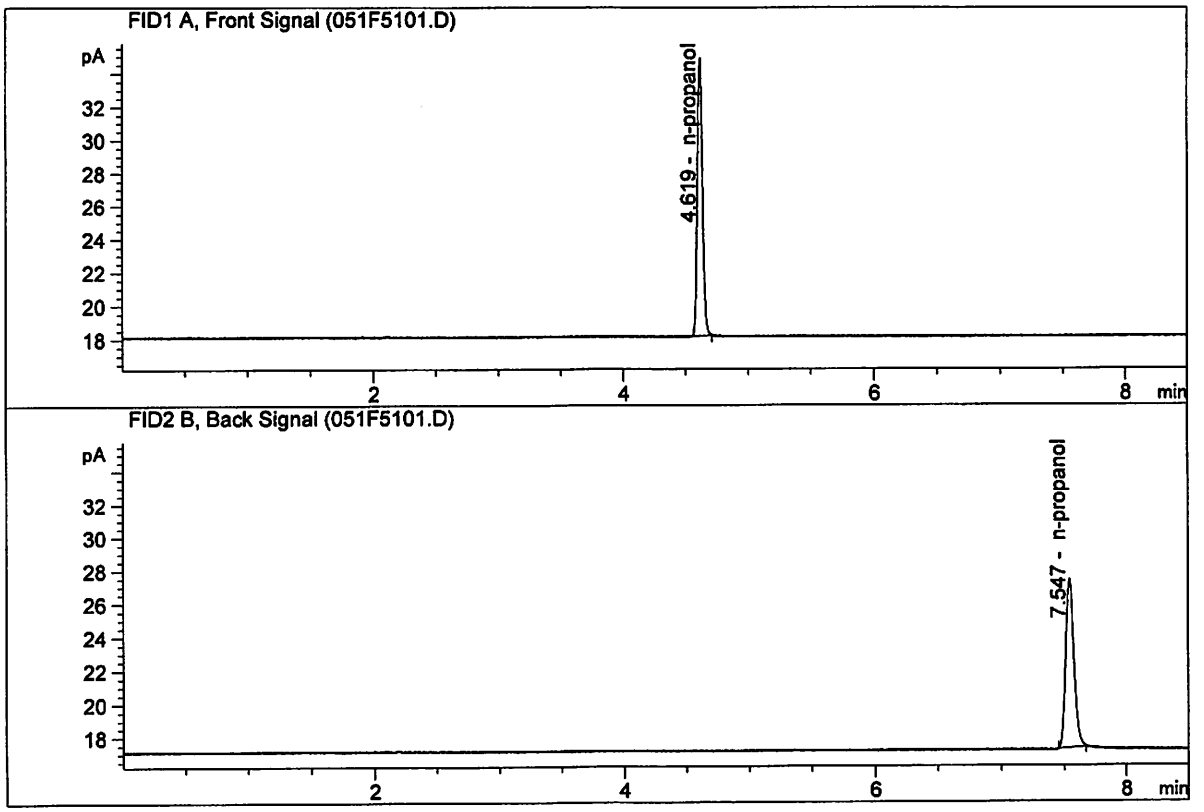


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	48.36638	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.07405	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Apr 4, 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:	47.43962	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.06301	1.0000	g/100cc

Sequence File C:\Chem32\...8_SAMPLES\04-03-18_SAMPLES 2018-04-03 15-36-24\04-03-18_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\04-03-18_SAMPLES\04-03-18_SAMPLES 2018-04-03 15-36-24\04 03-18_SAMPLES.S
Data directory path: C:\Chem32\1\Data\04-03-18_SAMPLES\04-03-18_SAMPLES 2018-04-03 15-36-24\
Logbook: C:\Chem32\1\Data\04-03-18_SAMPLES\04-03-18_SAMPLES 2018-04-03 15-36-24\04 03-18_SAMPLES.LOG
Sequence start: 4/3/2018 3:51:12 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\04-03-18_SAMPLES\04-03-18_SAMPLES 2018-04-03 15-36-24 \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	M2018-1417-1-A	-	1.0000	007F0701.D	2
8	8	1	M2018-1417-1-B	-	1.0000	008F0801.D	2
9	9	1	M2018-1482-1-A	-	1.0000	009F0901.D	2
10	10	1	M2018-1482-1-B	-	1.0000	010F1001.D	2
11	11	1	M2018-1525-1-A	-	1.0000	011F1101.D	6
12	12	1	M2018-1525-1-B	-	1.0000	012F1201.D	6
13	13	1	M2018-1526-1-A	-	1.0000	013F1301.D	2
14	14	1	M2018-1526-1-B	-	1.0000	014F1401.D	2
15	15	1	M2018-1559-1-A	-	1.0000	015F1501.D	6
16	16	1	M2018-1559-1-B	-	1.0000	016F1601.D	6
17	17	1	M2018-1562-1-A	-	1.0000	017F1701.D	6
18	18	1	M2018-1562-1-B	-	1.0000	018F1801.D	6
19	19	1	M2018-1563-1-A	-	1.0000	019F1901.D	6
20	20	1	M2018-1563-1-B	-	1.0000	020F2001.D	6
21	21	1	M2018-1588-1-A	-	1.0000	021F2101.D	4
22	22	1	M2018-1588-1-B	-	1.0000	022F2201.D	4
23	23	1	M2018-1589-3-A	-	1.0000	023F2301.D	2
24	24	1	M2018-1589-3-B	-	1.0000	024F2401.D	2
25	25	1	~~QC1-2-A~~ QC2-1-A	-	1.0000	025F2501.D	4
26	26	1	~~QC1-2-B~~ QC21-B	-	1.0000	026F2601.D	4
27	27	1	M2018-1590-1-A	-	1.0000	027F2701.D	2
28	28	1	M2018-1590-1-B	-	1.0000	028F2801.D	2
29	29	1	M2018-1591-1-A	-	1.0000	029F2901.D	6
30	30	1	M2018-1591-1-B	-	1.0000	030F3001.D	6
31	31	1	M2018-1605-1-A	-	1.0000	031F3101.D	4
32	32	1	M2018-1605-1-B	-	1.0000	032F3201.D	4
33	33	1	M2018-1633-1-A	-	1.0000	033F3301.D	2
34	34	1	M2018-1633-1-B	-	1.0000	034F3401.D	2
35	35	1	M2018-1634-1-A	-	1.0000	035F3501.D	4
36	36	1	M2018-1634-1-B	-	1.0000	036F3601.D	4
37	37	1	M2018-1677-1-A	-	1.0000	037F3701.D	6
38	38	1	M2018-1677-1-B	-	1.0000	038F3801.D	6
39	39	1	M2018-1678-1-A	-	1.0000	039F3901.D	6
40	40	1	M2018-1678-1-B	-	1.0000	040F4001.D	6
41	41	1	M2018-1679-1-A	-	1.0000	041F4101.D	6
42	42	1	M2018-1679-1-B	-	1.0000	042F4201.D	6
43	43	1	P2018-0886-1-A	-	1.0000	043F4301.D	6

JC

Sequence File C:\Chem32\...8_SAMPLES\04-03-18_SAMPLES 2018-04-03 15-36-24\04-03-18_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	P2018-0886-1-B	-	1.0000	044F4401.D	6
45	45	1	~~QC2-2-A~~ QC1-2-A	-	1.0000	045F4501.D	4
46	46	1	~~QC2-2-B~~ QC1-2-B	-	1.0000	046F4601.D	4
47	47	1	INTERNAL STD BLK	-	1.0000	047F4701.D	2
48	48	1	TFE 111914	-	1.0000	048F4801.D	2
49	49	1	INTERNAL STD BLK	-	1.0000	049F4901.D	2
50	50	1	DFE 111914OM	-	1.0000	050F5001.D	2
51	51	1	INTERNAL STD BLK	-	1.0000	051F5101.D	2

Method file name: C:\Chem32\1\Data\04-03-18_SAMPLES\04-03-18_SAMPLES 2018-04-03 15-36-24\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
52	52	1	EMPTY	-	1.0000	052F5201.D	0

Calibration curve expired. Samples were rerun 4/6/18 with new calibration curve.

JG

JG