Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 600 Liquid Processor/Dilutor   Serial Number: ML600HC11378

Run Date: 11/20/18-11/21/18

Calibration Date: 11/14/18

Volatiles Quality Assurance Controls

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0786	g/100cc
					0.0824	g/100cc
						g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1974	g/100cc
						g/100cc
						g/100cc

Multi-Component mixture:	Exp date: Sept. 2020		Lot #	FN06041502		OK
Curve Fit:		Column 1	1.00000	Column2		0.99995

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	0.0503	0.0520	0.0017	0.0511
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Aug-21	FN08101601	0.100	0.090 - 0.110	0.0998	0.0999	0.0001	0.0998
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1996	0.1975	0.0021	0.1985
0.300	Feb-21	FN02122601	0.300	0.270 - 0.330	0.3003	0.2996	0.0007	0.2999
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Sep-21	FN08031602	0.500	0.450 - 0.550	0.5000	0.5011	0.0011	0.5005

Aqueous Controls

| Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results	
0.080	May-22	FN04171701	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 formulas.

Worklist: 2802

LAB CASE	ITEM	TASK ID	DESCRIPTION	
M2018-5330	3	131782	Alcohol Analysis	|||||||
M2018-5508	1	130932	Alcohol Analysis	|||||||
M2018-5641	1	131644	Alcohol Analysis	|||||||
M2018-5659	1	131764	Alcohol Analysis	|||||||
M2018-5660	1	131765	Alcohol Analysis	|||||||
M2018-5661	1	131769	Alcohol Analysis	|||||||
M2018-5662	1	131770	Alcohol Analysis	|||||||
M2018-5663	1	131774	Alcohol Analysis	|||||||
M2018-5683	1	131811	Alcohol Analysis	|||||||
M2018-5695	1	131864	Alcohol Analysis	|||||||
M2018-5714	1	131920	Alcohol Analysis	|||||||
M2018-5715	1	131924	Alcohol Analysis	|||||||
M2018-5716	1	131925	Alcohol Analysis	|||||||
M2018-5718	1	131945	Alcohol Analysis	|||||||
M2018-5751	1	132142	Alcohol Analysis	|||||||
P2018-3187	1	131327	Alcohol Analysis	|||||||
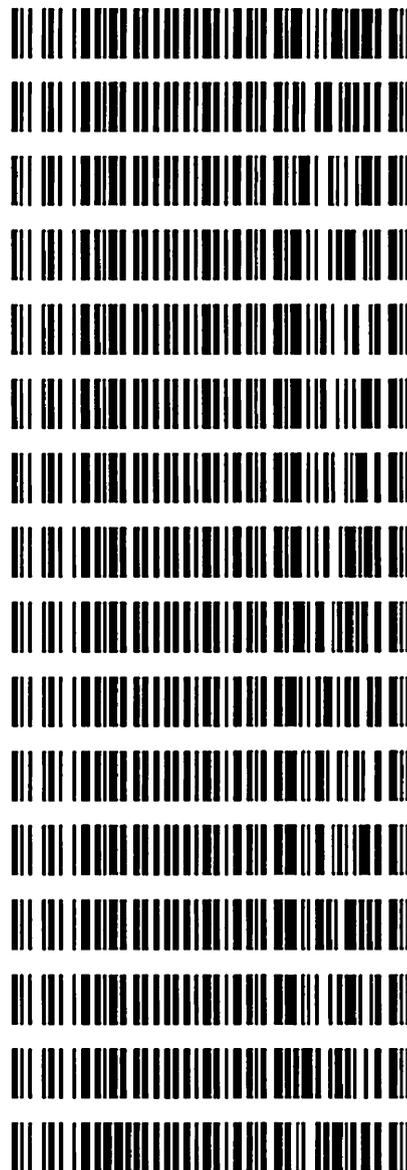
ISP Forensic Services Blood Alcohol Report

Sample Name   :   0.050 FN06231406
Laboratory   :   Meridian
Injection Date   :   Nov 14, 2018
Method   :   ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

FID1 A, Front Signal (11-14-18_CAL\11-14-18_CAL 2018-11-14 10-08-48\001F0101.D)

FID2 B, Back Signal (11-14-18_CAL\11-14-18_CAL 2018-11-14 10-08-48\001F0101.D)
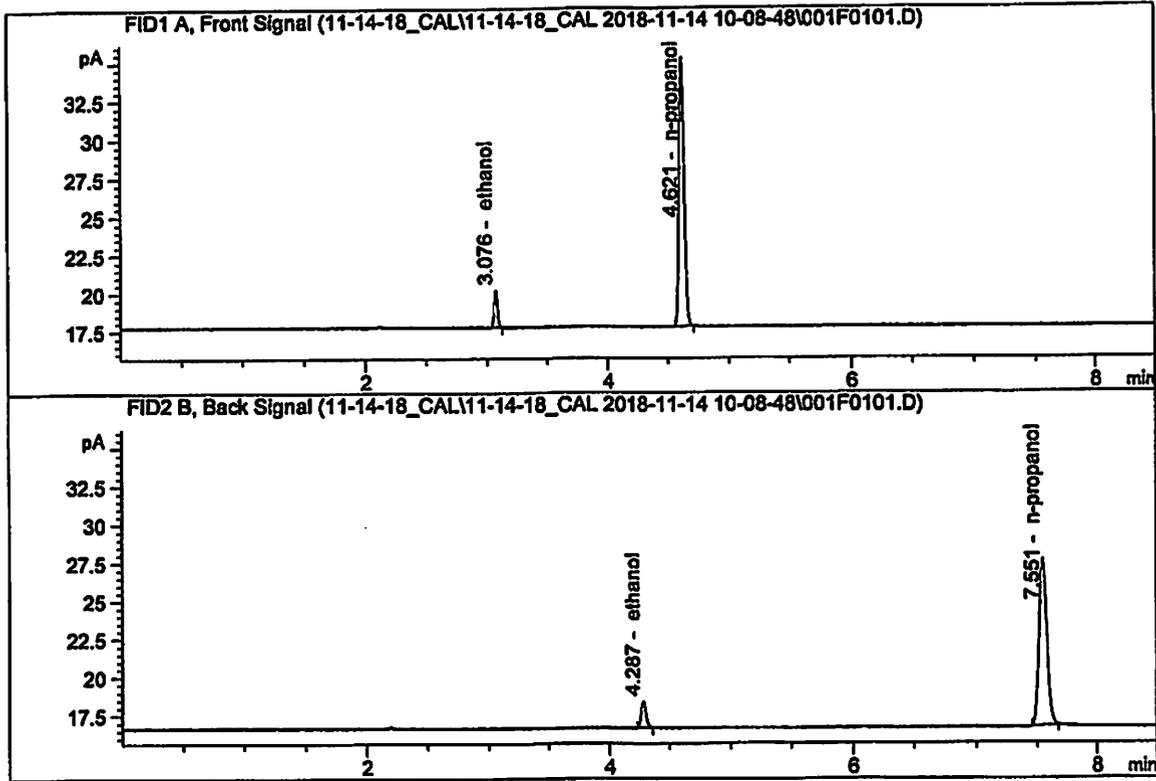
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.47624	0.0503	g/100cc
2.	Ethanol	Column 2:	4.60426	0.0520	g/100cc
3.	n-Propanol	Column 1:	49.66066	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.15902	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name   :   0.100 FN08101601
Laboratory   :   Meridian
Injection Date   :   Nov 14, 2018
Method   :   ALCOHOL.M
Acq. Instrument :   CN11180014-CN11041167
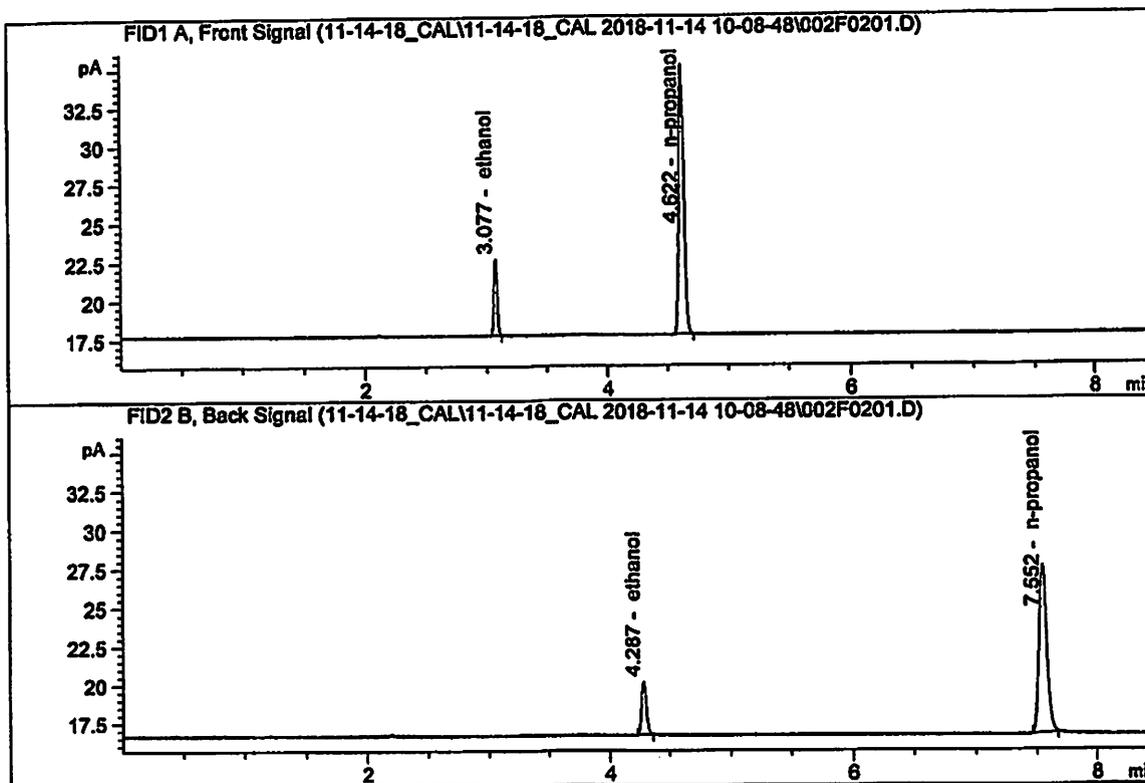
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.95841	0.0998	g/100cc
2.	Ethanol	Column 2:	9.26124	0.0999	g/100cc
3.	n-Propanol	Column 1:	49.49444	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.62856	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name   :   0.200 FN12011401
Laboratory   :   Meridian
Injection Date   :   Nov 14, 2018
Method   :   ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167
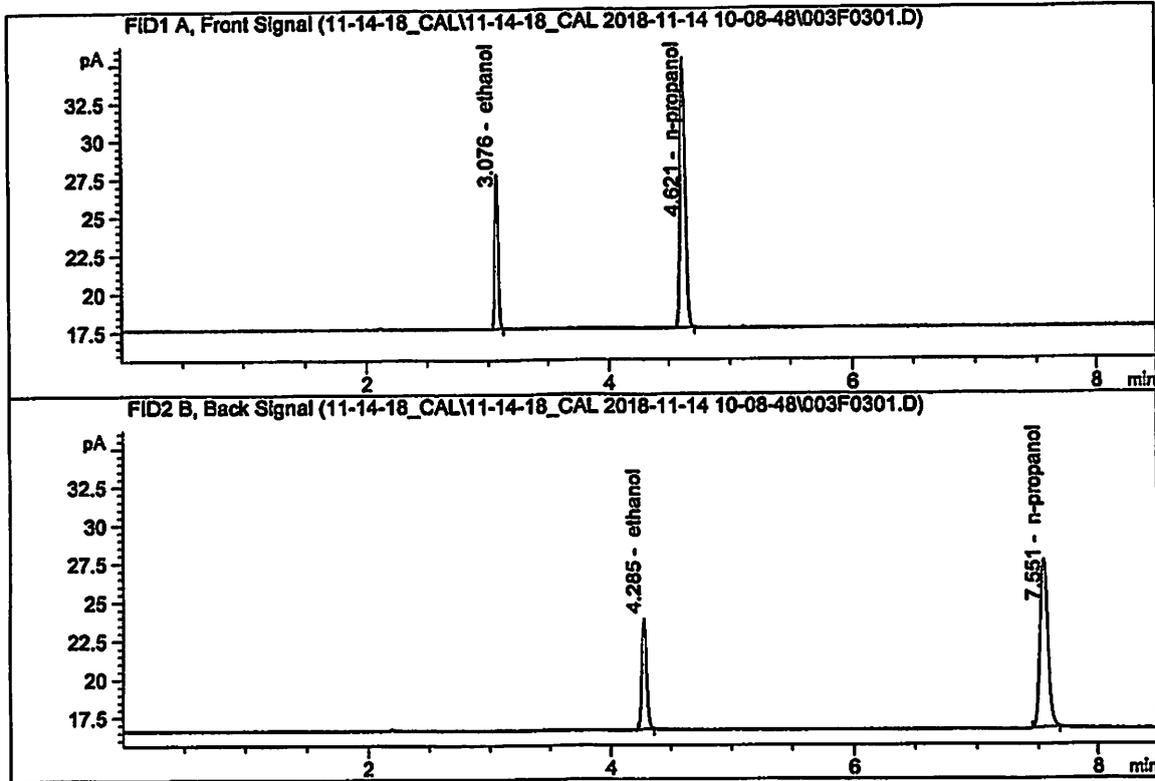
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.17060	0.1996	g/100cc
2.	Ethanol	Column 2:	18.93891	0.1975	g/100cc
3.	n-Propanol	Column 1:	49.89084	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.92851	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name   :   0.300 FN02121601
Laboratory   :   Meridian
Injection Date :   Nov 14, 2018
Method   :   ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167
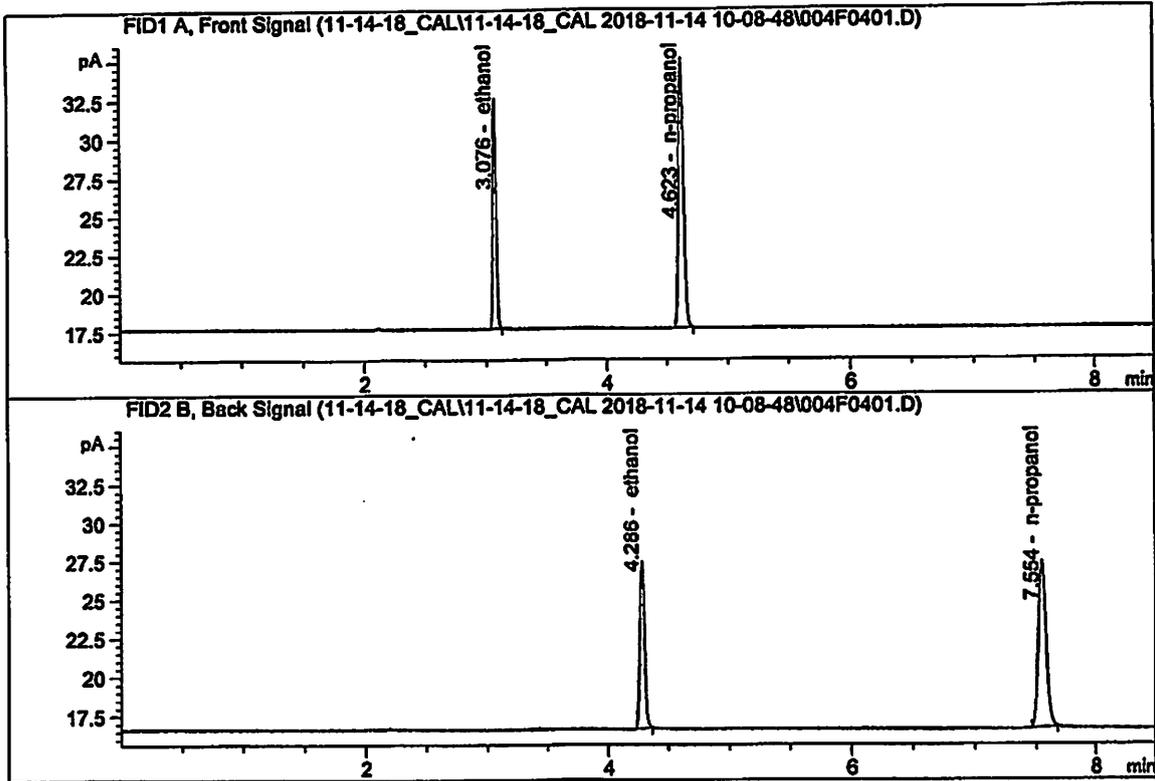
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.04110	0.3003	g/100cc
2.	Ethanol	Column 2:	28.43509	0.2996	g/100cc
3.	n-Propanol	Column 1:	49.25281	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.89392	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name   :   0.500 FN08031602
Laboratory   :   Meridian
Injection Date   :   Nov 14, 2018
Method   :   ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167
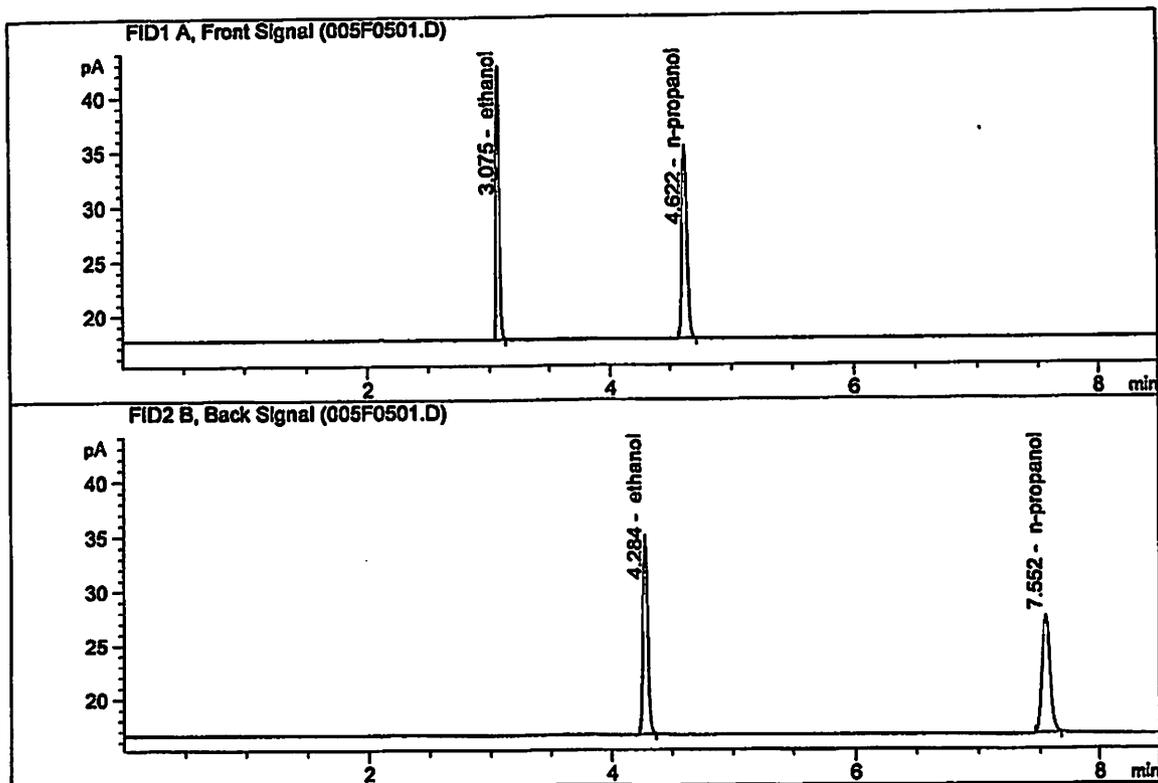
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.60338	0.5000	g/100cc
2.	Ethanol	Column 2:	48.28341	0.5011	g/100cc
3.	n-Propanol	Column 1:	49.81603	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.28208	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name   :   INTERNAL STANDARD BLANK
Laboratory   :   Meridian
Injection Date   :   Nov 14, 2018
Method   :   ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167
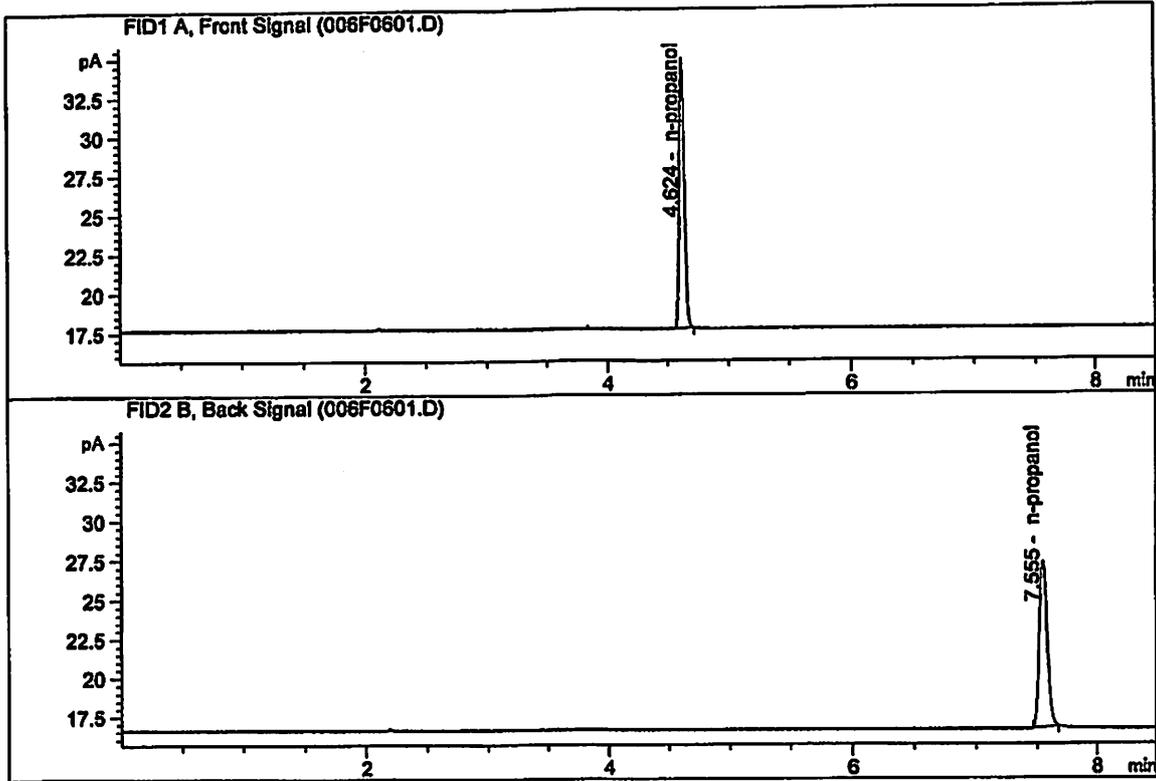
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	48.80210	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.24411	1.0000	g/100cc

Sample Summary

Sequence table:	C:\Chem32\1\Data\11-14-18_CAL\11-14-18_CAL 2018-11-14 10-08-48\11-14-18_CAL.S
Data directory path:	C:\Chem32\1\Data\11-14-18_CAL\11-14-18_CAL 2018-11-14 10-08-48\
Logbook:	C:\Chem32\1\Data\11-14-18_CAL\11-14-18_CAL 2018-11-14 10-08-48\11-14-18_CAL.LOG
Sequence start:	11/14/2018 10:23:26 AM
Sequence Operator:	SYSTEM
Operator:	SYSTEM

Method file name: C:\Chem32\1\Data\11-14-18_CAL\11-14-18_CAL 2018-11-14 10-08-48\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

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

```
=================================================================
                         Calibration Table
=================================================================



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

Calib. Data Modified  :    Wednesday, November 14, 2018 11:13:58 AM
Signals calculated separately :     No


Rel. Reference Window :     0.000 %
Abs. Reference Window :     0.100 min
Rel. Non-ref. Window  :     0.000 %
Abs. Non-ref. Window  :     0.100 min
Uncalibrated Peaks    :     not reported
Partial Calibration   :     Yes, identified peaks are recalibrated
Correct All Ret. Times:     No, only for identified peaks

Curve Type            :      Linear
Origin                :      Ignored
Weight                :      Equal

Recalibration Settings:
Average Response      :      Average all calibrations
Average Retention Time:      Floating Average New 75%

Calibration Report Options :
     Printout of recalibrations within a sequence:
         Calibration Table after Recalibration
         Normal Report after Recalibration
     If the sequence is done with bracketing:
         Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):
ISTD   ISTD Amount    Name
 #     [g/100cc]
----|-------------|----------------------------
 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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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	4.47624	1.11701e-2	No	No	1	ethanol
		2	1.00000e-1	8.95841	1.11627e-2				
		3	2.00000e-1	18.17060	1.10068e-2				
		4	3.00000e-1	27.04110	1.10942e-2				
		5	5.00000e-1	45.60338	1.09641e-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	4.60426	1.08595e-2	No	No	2	ethanol
		2	1.00000e-1	9.26124	1.07977e-2				
		3	2.00000e-1	18.93891	1.05603e-2				
		4	3.00000e-1	28.43509	1.05503e-2				
		5	5.00000e-1	48.28341	1.03555e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	49.66066	2.01367e-2	No	Yes	1	n-propanol
		2	1.00000	49.49444	2.02043e-2				
		3	1.00000	49.89084	2.00438e-2				
		4	1.00000	49.25281	2.03034e-2				
		5	1.00000	49.81603	2.00739e-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	52.15902	1.91721e-2	No	Yes	2	n-propanol
		2	1.00000	51.62856	1.93691e-2				
		3	1.00000	51.92851	1.92572e-2				
		4	1.00000	50.89392	1.96487e-2				
		5	1.00000	51.28208	1.95000e-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

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

==
                        Calibration Curves
==
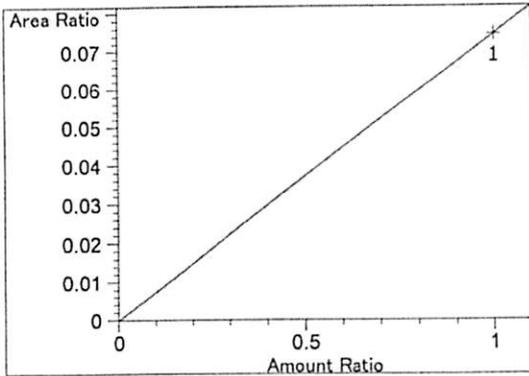
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.:   0.00000
Formula: y = mx + b
        m: 7.44391e-2
        b: 0.00000
        x: Amount Ratio
        y: Area Ratio
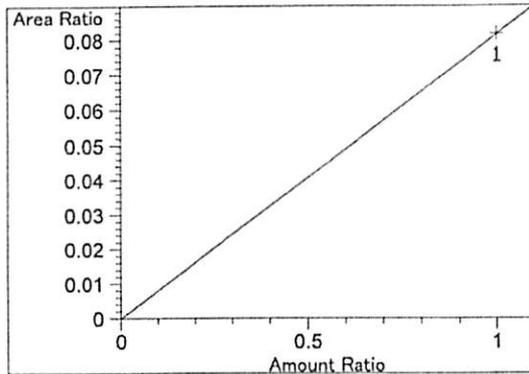
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.:   0.00000
Formula: y = mx + b
        m: 8.16925e-2
        b: 0.00000
        x: Amount Ratio
        y: Area Ratio
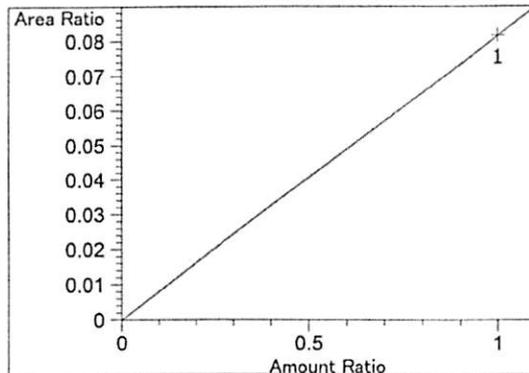
Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.:   0.00000
Formula: y = mx + b
        m: 8.16925e-2
        b: 0.00000
        x: Amount Ratio
        y: Area Ratio
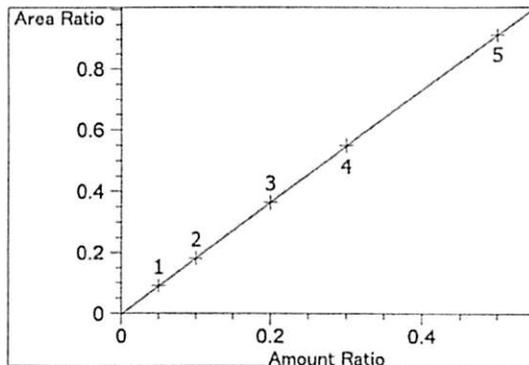
ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.:   0.00065
Formula: y = mx + b
        m: 1.83530
        b: -2.15909e-3
        x: Amount Ratio
        y: Area Ratio
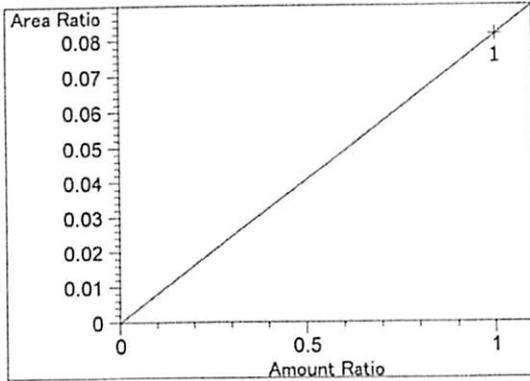
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.:   0.00000
Formula: y = mx + b
        m: 8.16853e-2
        b: 0.00000
        x: Amount Ratio
        y: Area Ratio
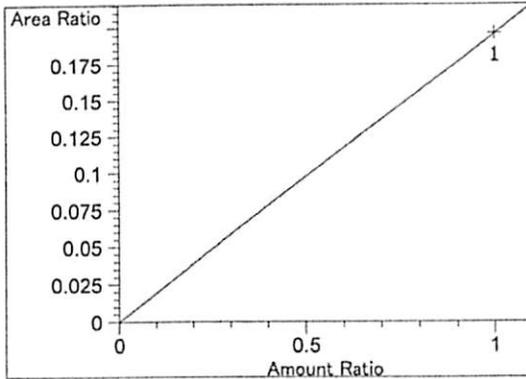
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.:   0.00000
Formula: y = mx + b
        m: 1.95941e-1
        b: 0.00000
        x: Amount Ratio
        y: Area Ratio
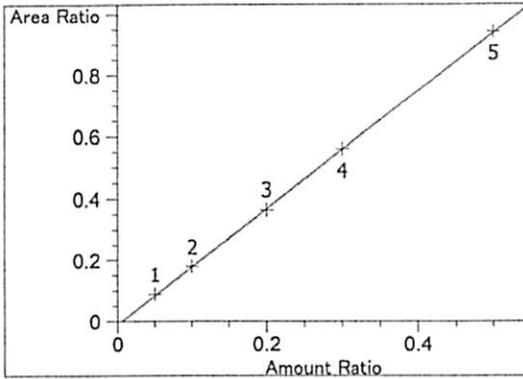
ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99995
Residual Std. Dev.:   0.00374
Formula: y = mx + b
        m: 1.89978
        b: -1.04279e-2
        x: Amount Ratio
        y: Area Ratio
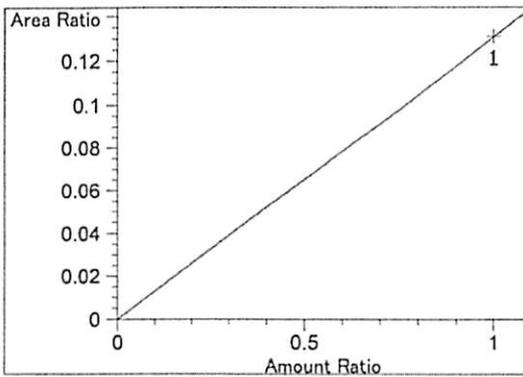
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.:   0.00000
Formula: y = mx + b
        m: 1.30876e-1
        b: 0.00000
        x: Amount Ratio
        y: Area Ratio

Method C:\CHEM32\1\METHODS\ALCOHOL.M
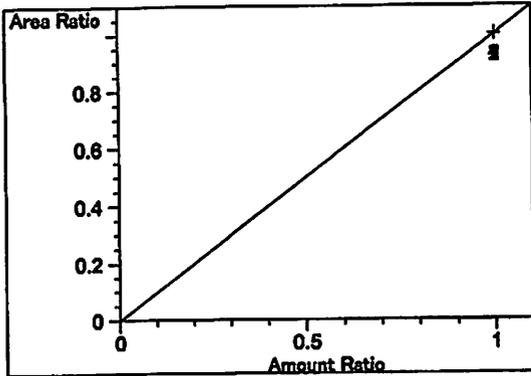
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.:   0.00000
Formula: y = mx + b
         m: 1.00000
         b: 0.00000
         x: Amount Ratio
         y: Area Ratio
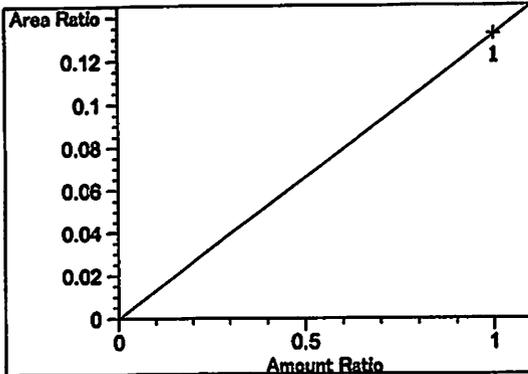
acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.:   0.00000
Formula: y = mx + b
         m: 1.32154e-1
         b: 0.00000
         x: Amount Ratio
         y: Area Ratio
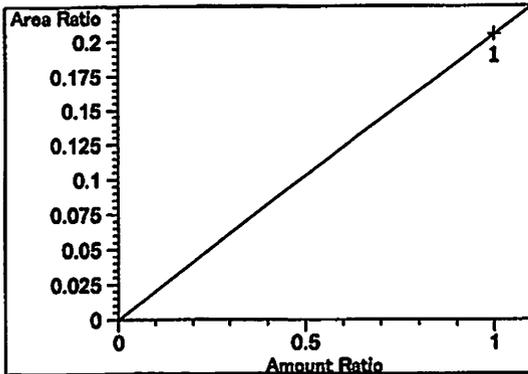
isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.:   0.00000
Formula: y = mx + b
         m: 2.05265e-1
         b: 0.00000
         x: Amount Ratio
         y: Area Ratio
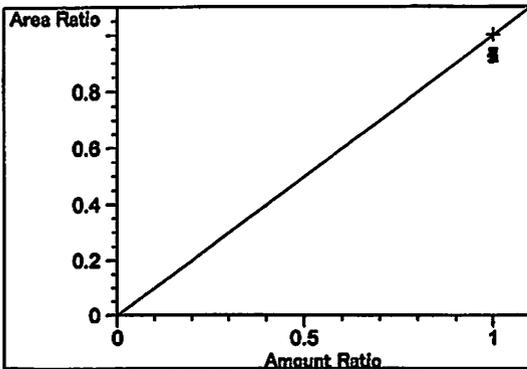
n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.:   0.00000
Formula: y = mx + b
         m: 1.00000
         b: 0.00000
         x: Amount Ratio
         y: Area Ratio

JG

ISP Forensic Services Blood Alcohol Report

```
Sample Name      :    INTERNAL STD BLK 1
Laboratory       :    Meridian
Injection Date   :    Nov 21, 2018
Method           :    ALCOHOL.M
Acq. Instrument:      CN11180014-CN11041167
```
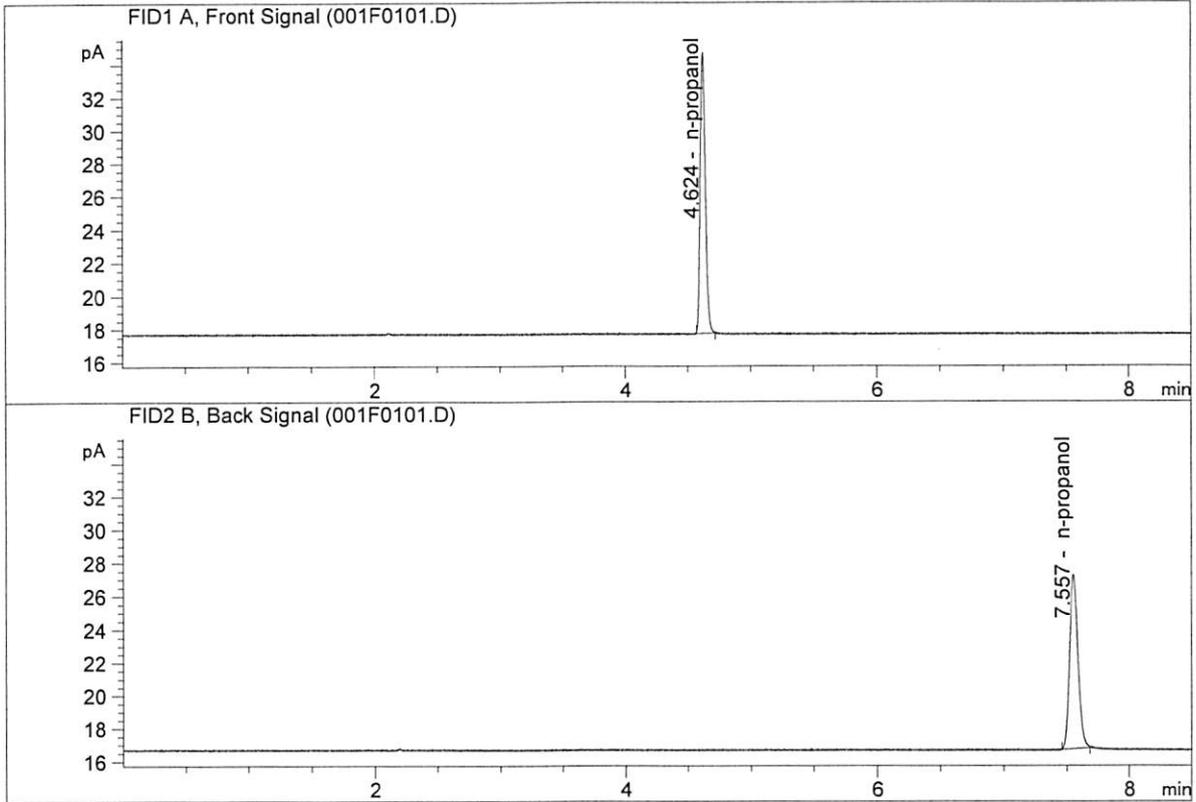

#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	48.39438	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.12837	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name   :   TFE 111914
Laboratory   :   Meridian
Injection Date   :   Nov 21, 2018
Method   :   ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167
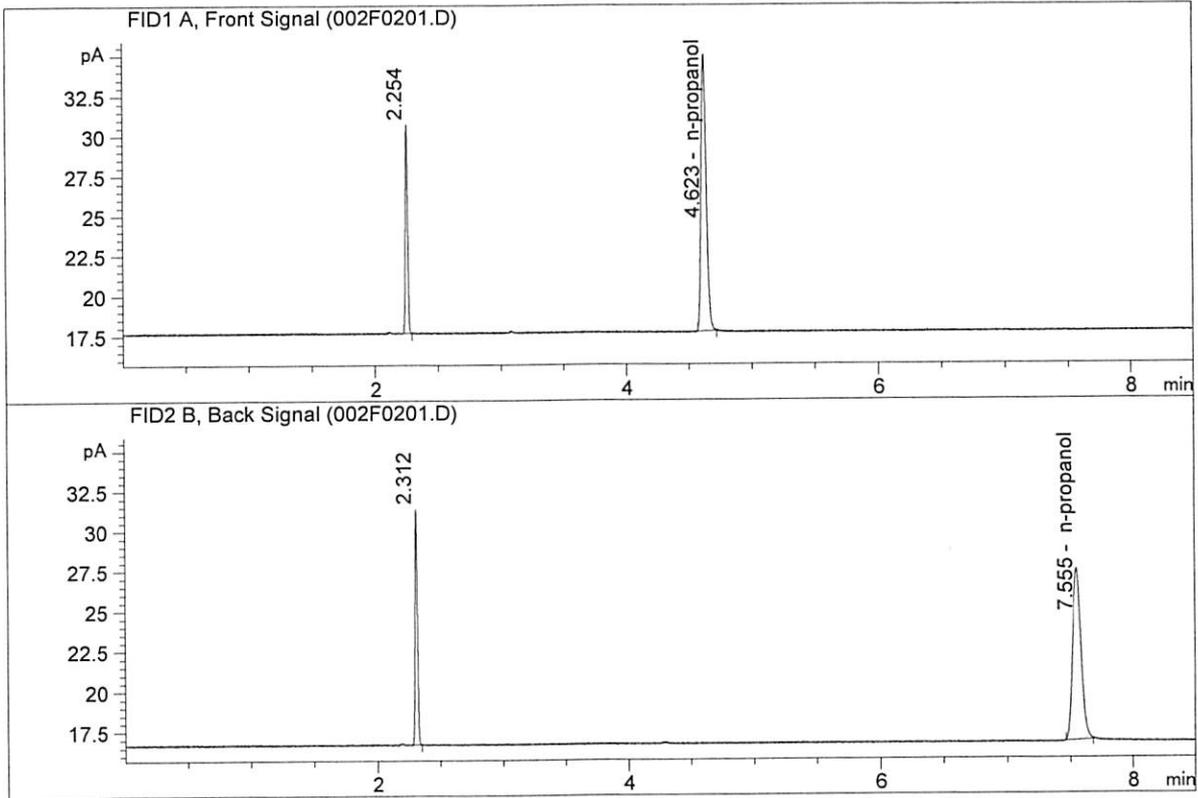
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	49.26851	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.78942	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

```
Sample Name      :    INTERNAL STD BLK 1
Laboratory       :    Meridian
Injection Date   :    Nov 21, 2018
Method           :    ALCOHOL.M
Acq. Instrument:      CN11180014-CN11041167
```
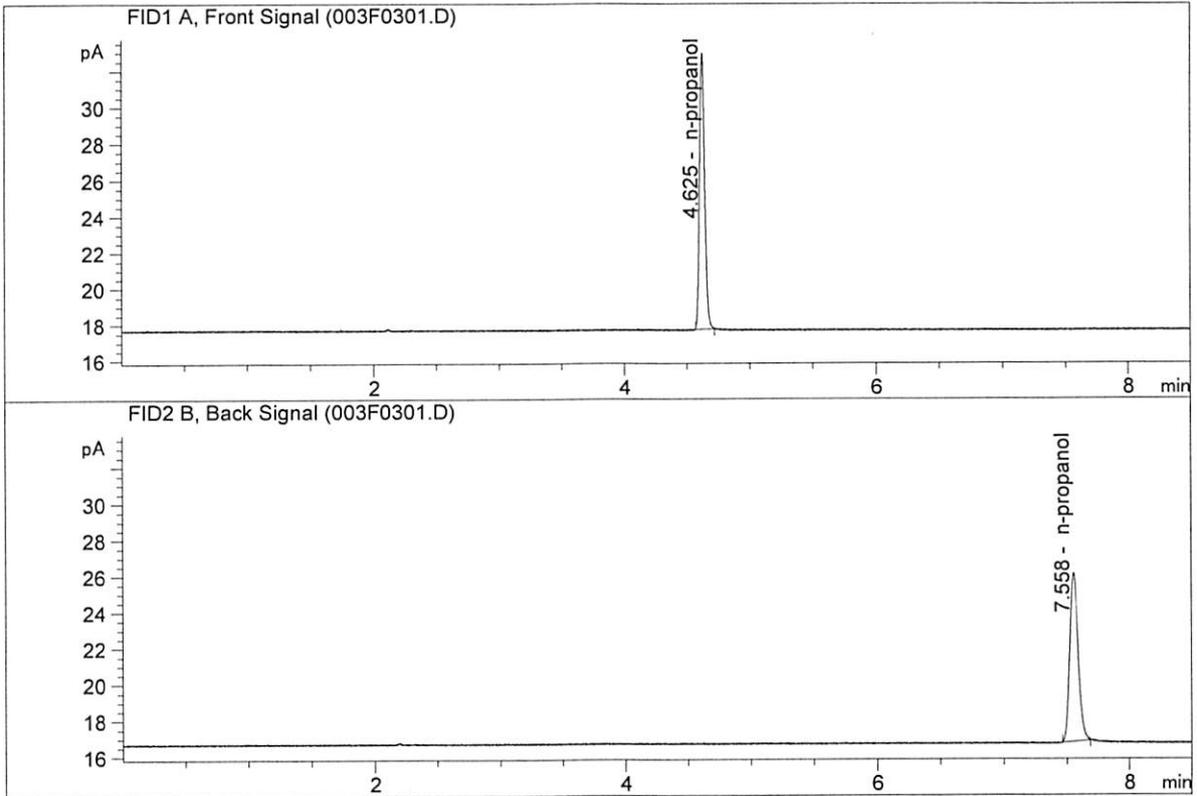

#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	43.46616	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.63266	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name   :   DFE 111914OM
Laboratory   :   Meridian
Injection Date :   Nov 21, 2018
Method   :   ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167
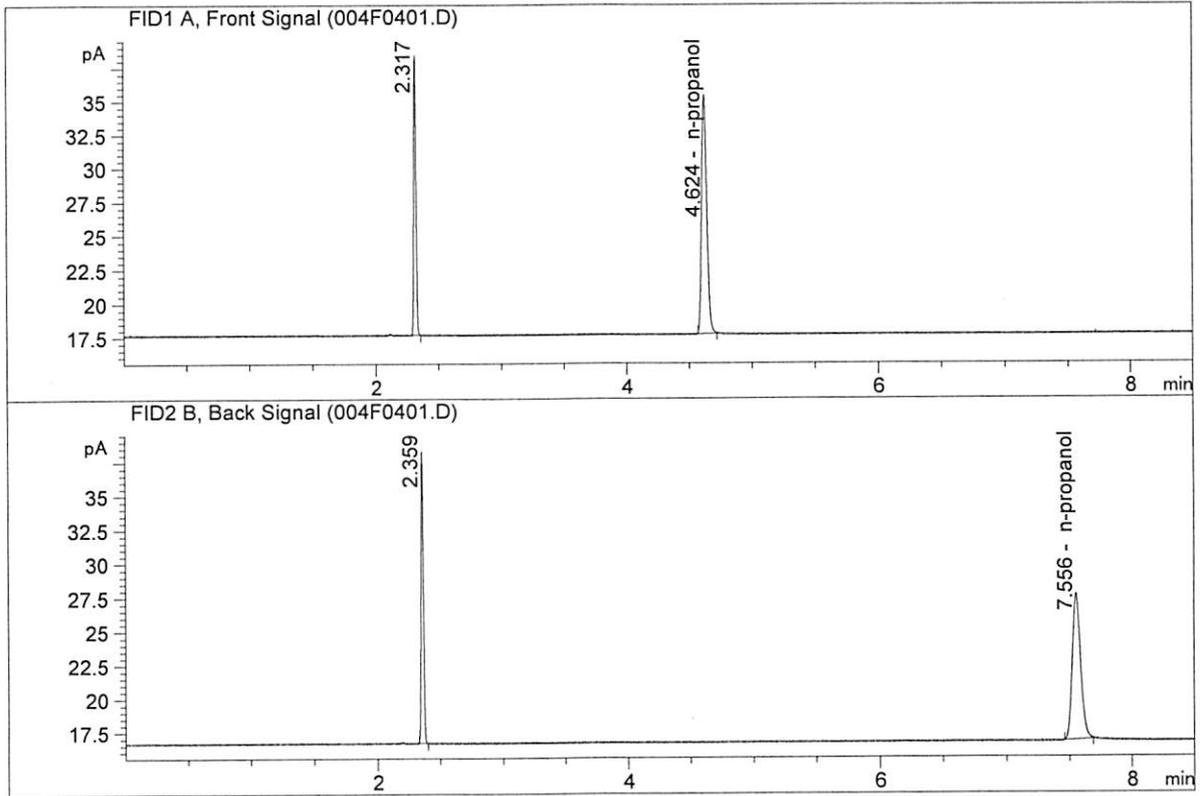
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	50.44589	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.99083	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

```
Sample Name      :   INTERNAL STD BLK 1
Laboratory       :   Meridian
Injection Date   :   Nov 21, 2018
Method           :   ALCOHOL.M
Acq. Instrument:     CN11180014-CN11041167
```


FID1 A, Front Signal (005F0501.D)

FID2 B, Back Signal (005F0501.D)
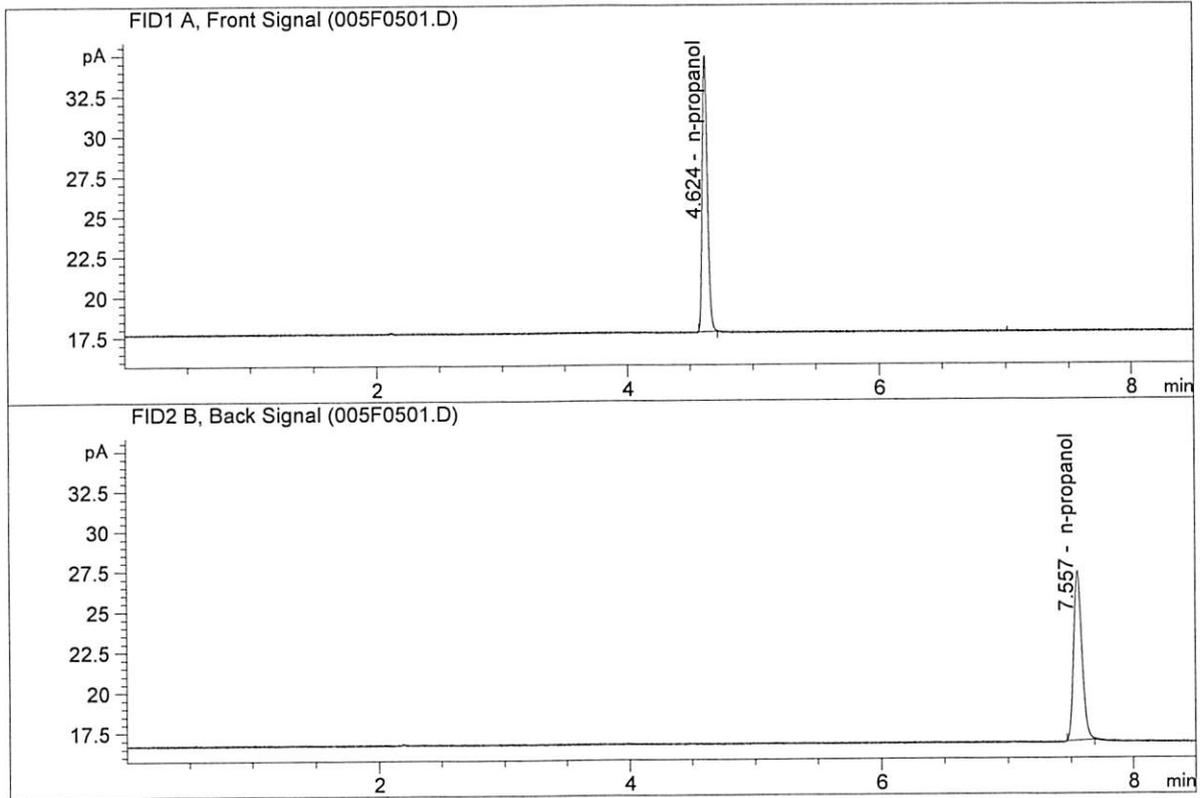
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	49.01711	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.30816	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name   :   EMPTY
Laboratory   :   Meridian
Injection Date :   Nov 21, 2018
Method   :   SHUTDOWN.M
Acq. Instrument: CN11180014-CN11041167
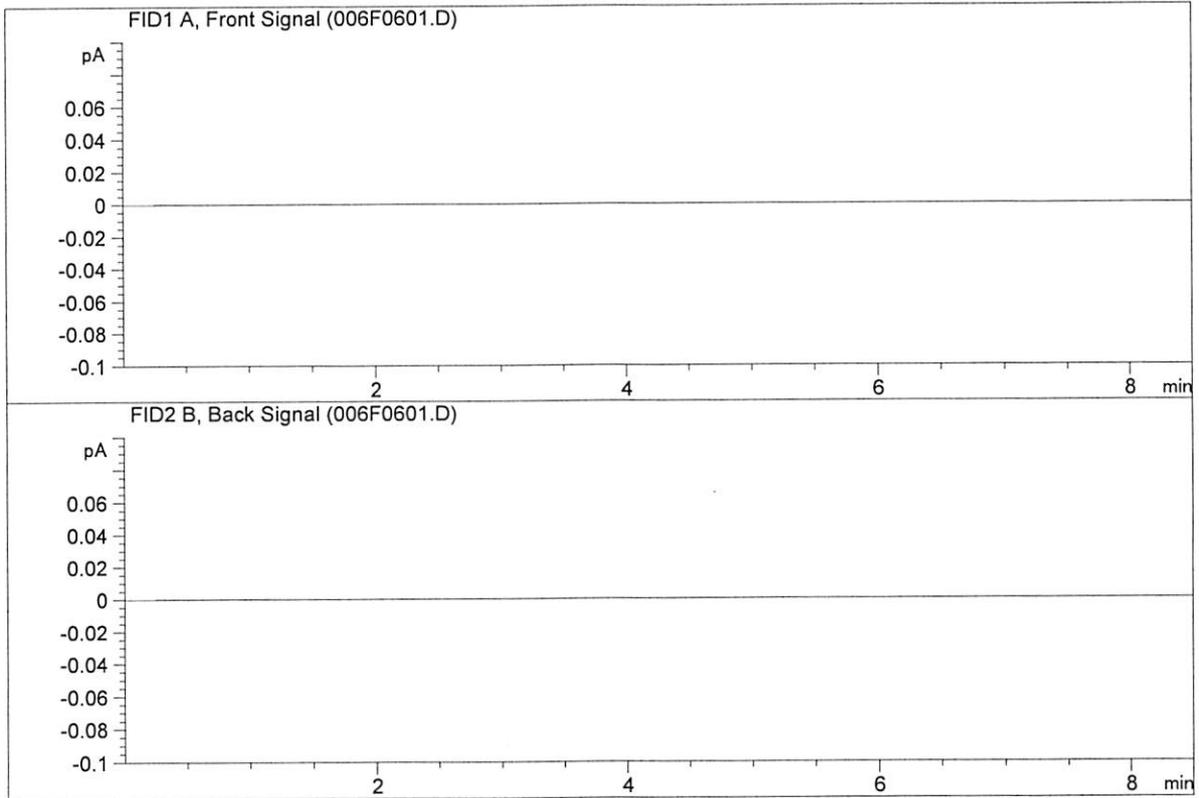

#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

Sample Summary

Sequence table:	C:\Chem32\1\Data\11-21-18_INHALE\11-21-18_INHALE 2018-11-21 11-19-06\11-2 -18_INHALE.S
Data directory path:	C:\Chem32\1\Data\11-21-18_INHALE\11-21-18_INHALE 2018-11-21 11-19-06\
Logbook:	C:\Chem32\1\Data\11-21-18_INHALE\11-21-18_INHALE 2018-11-21 11-19-06\11-2 -18_INHALE.LOG
Sequence start:	11/21/2018 11:33:43 AM
Sequence Operator:	SYSTEM
Operator:	SYSTEM

Method file name: C:\Chem32\1\Data\11-21-18_INHALE\11-21-18_INHALE 2018-11-21 11-19-06 \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	TFE 111914	-	1.0000	002F0201.D		2
3	3	1	INTERNAL STD BLK	-	1.0000	003F0301.D		2
4	4	1	DFE 111914OM	-	1.0000	004F0401.D		2
5	5	1	INTERNAL STD BLK	-	1.0000	005F0501.D		2

Method file name: C:\Chem32\1\Data\11-21-18_INHALE\11-21-18_INHALE 2018-11-21 11-19-06 \SHUTDOWN.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
6	6	1	EMPTY	-	1.0000	006F0601.D		0

ISP Forensic Services Blood Alcohol Report

Sample Name   :   INTERNAL STD BLK 1
Laboratory   :   Meridian
Injection Date   :   Nov 20, 2018
Method   :   ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

FID1 A, Front Signal (001F0101.D)

4.626 - n-propanol

FID2 B, Back Signal (001F0101.D)
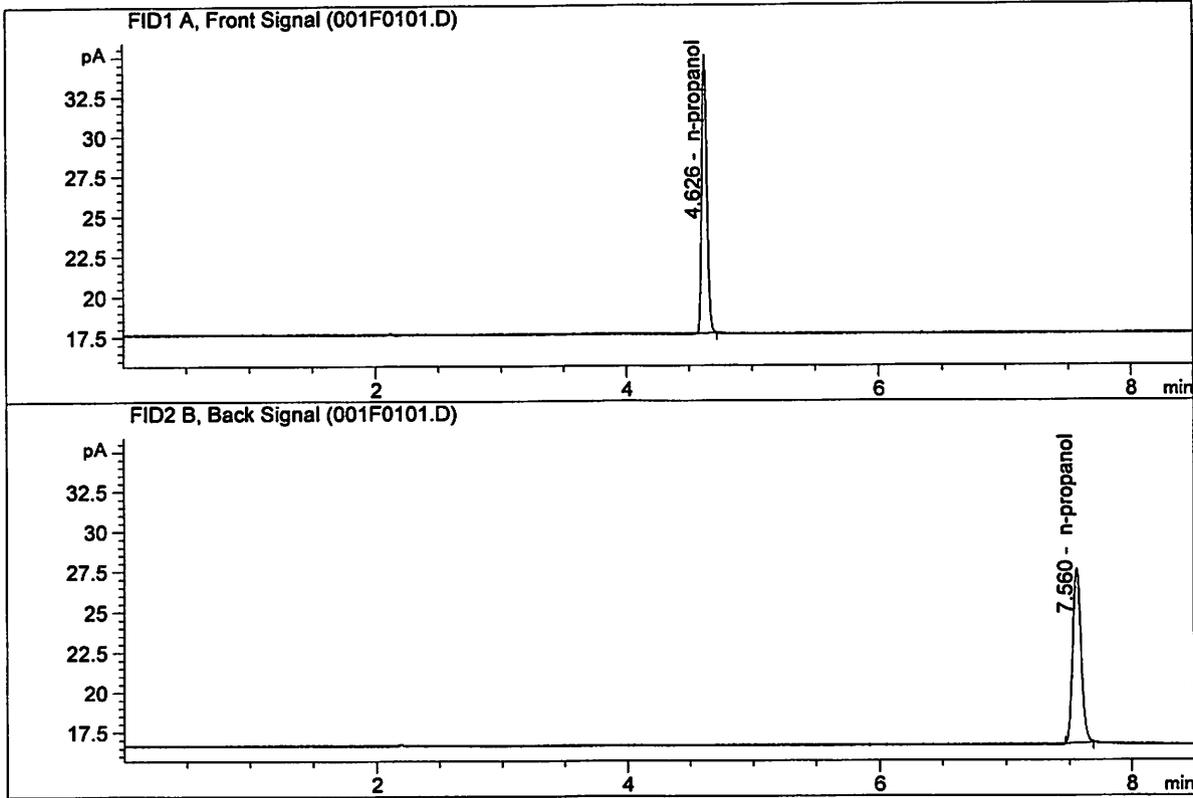
7.560 - n-propanol

#	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:	49.26734	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.61227	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name   :   MIX VOL FN06041502
Laboratory   :   Meridian
Injection Date   :   Nov 20, 2018
Method   :   ALCOHOL.M
Acq. Instrument :   CN11180014-CN11041167

FID1 A, Front Signal (002F0201.D)

Peaks: 2.578 - methanol, 3.078 - ethanol, 3.618 - isopropyl alcohol, 4.300 - acetone, 4.627 - n-propanol

FID2 B, Back Signal (002F0201.D)

Peaks: 3.372 - methanol, 4.291 - ethanol, 4.641 - acetone, 4.943 - isopropyl alcohol, 7.563 - n-propanol
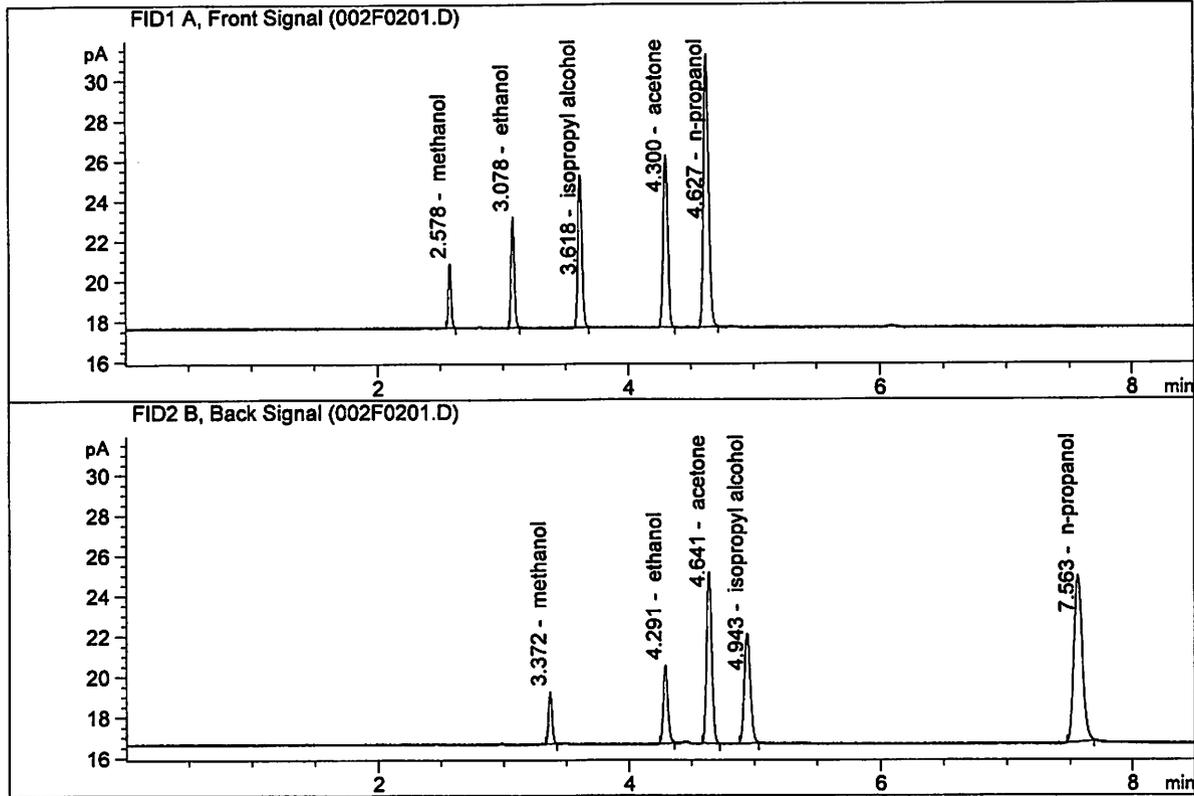
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.79274	0.1412	g/100cc
2.	Ethanol	Column 2:	10.13905	0.1420	g/100cc
3.	n-Propanol	Column 1:	38.10715	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.08752	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1   **Analysis Date(s): 20 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0784	0.0791	0.0007	0.0787	0.0786	
(g/100cc)	0.0780	0.0790	0.0010	0.0785		

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
0.078	0.074	0.082	0.004

	Reported Result	
	0.078	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name   :   QC1-1-A
Laboratory   :   Meridian
Injection Date :   Nov 20, 2018
Method   :   ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

FID1 A, Front Signal (003F0301.D)

3.079 - ethanol
4.626 - n-propanol

FID2 B, Back Signal (003F0301.D)

4.291 - ethanol
7.562 - n-propanol
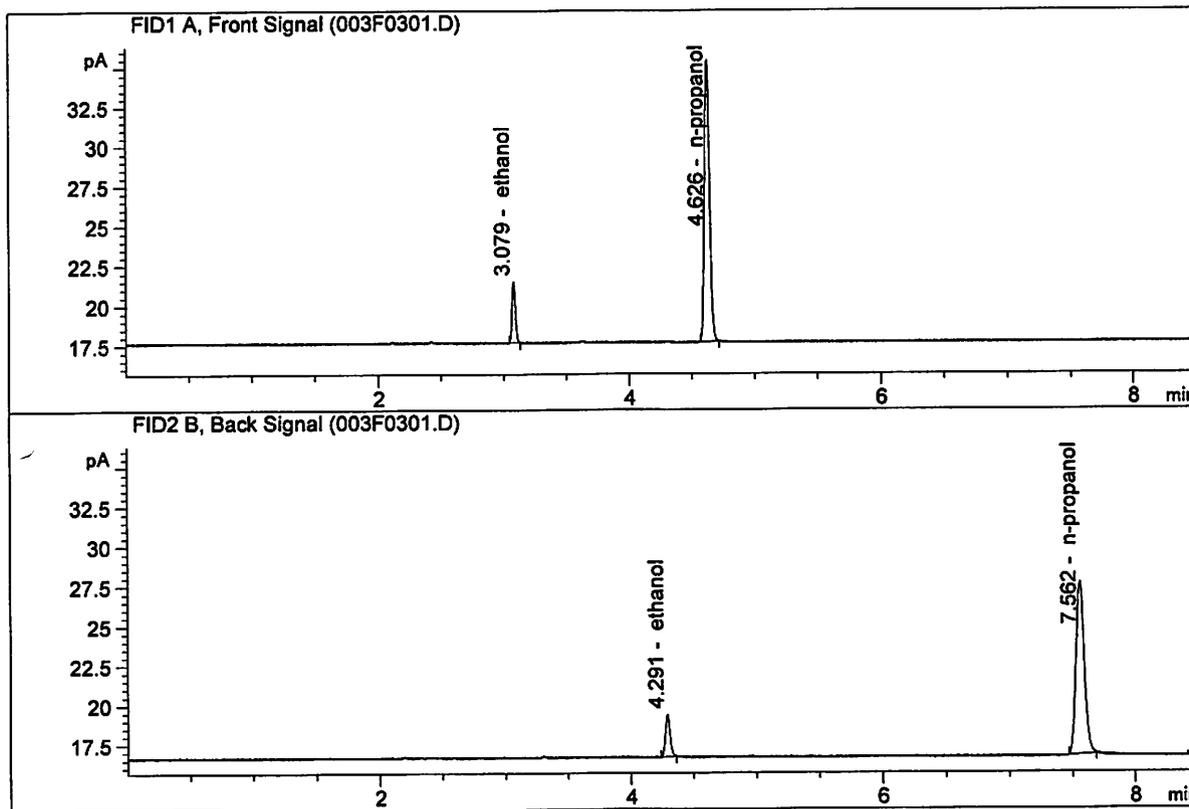
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.12727	0.0784	g/100cc
2.	Ethanol	Column 2:	7.30213	0.0791	g/100cc
3.	n-Propanol	Column 1:	50.30165	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.25071	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name   :   QC1-1-B
Laboratory   :   Meridian
Injection Date   :   Nov 20, 2018
Method   :   ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

FID1 A, Front Signal (004F0401.D)

3.078 - ethanol
4.626 - n-propanol

FID2 B, Back Signal (004F0401.D)

4.290 - ethanol
7.560 - n-propanol
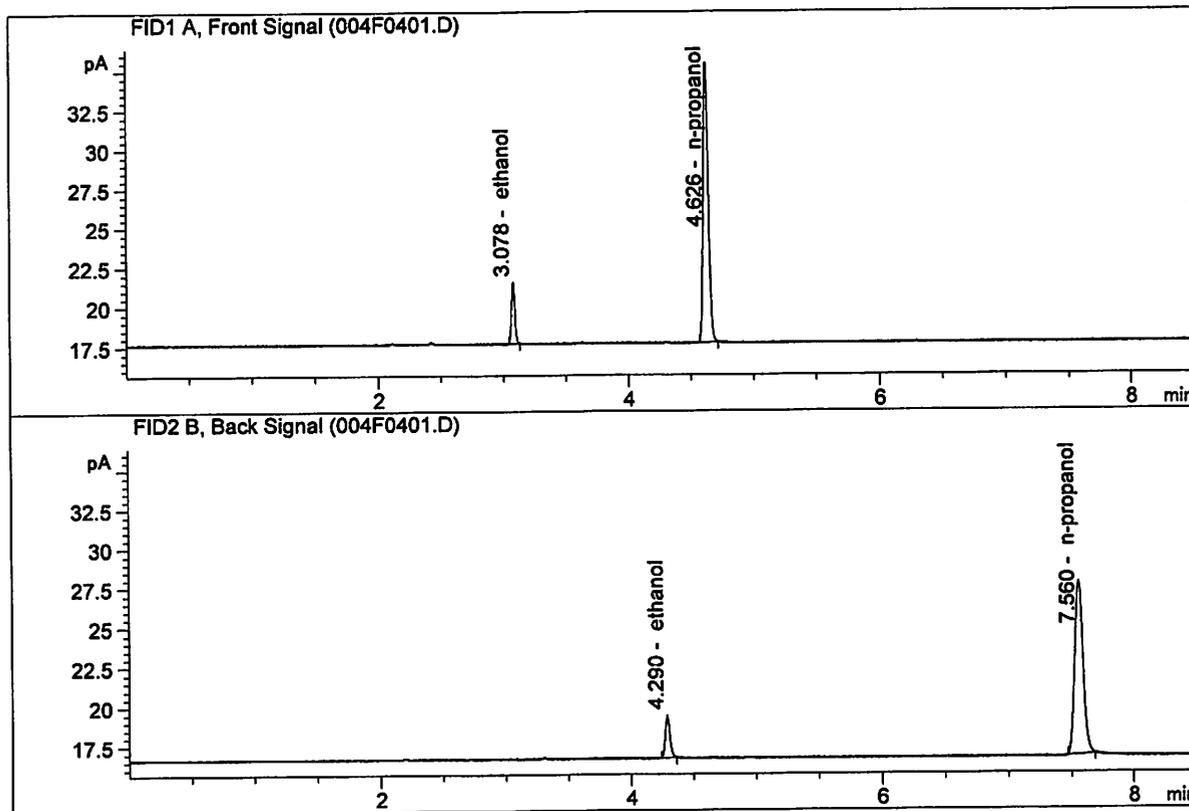
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.13892	0.0780	g/100cc
2.	Ethanol	Column 2:	7.33741	0.0790	g/100cc
3.	n-Propanol	Column 1:	50.64994	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.56302	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701   **Analysis Date(s): 20 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0803	0.0809	0.0006	0.0806	0.0807	
(g/100cc)	0.0805	0.0812	0.0007	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: ML600HC11378

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.

ISP Forensic Services Blood Alcohol Report

Sample Name   :   0.08 FN04171701-A
Laboratory   :   Meridian
Injection Date   :   Nov 20, 2018
Method   :   ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

FID1 A, Front Signal (005F0501.D)

FID2 B, Back Signal (005F0501.D)
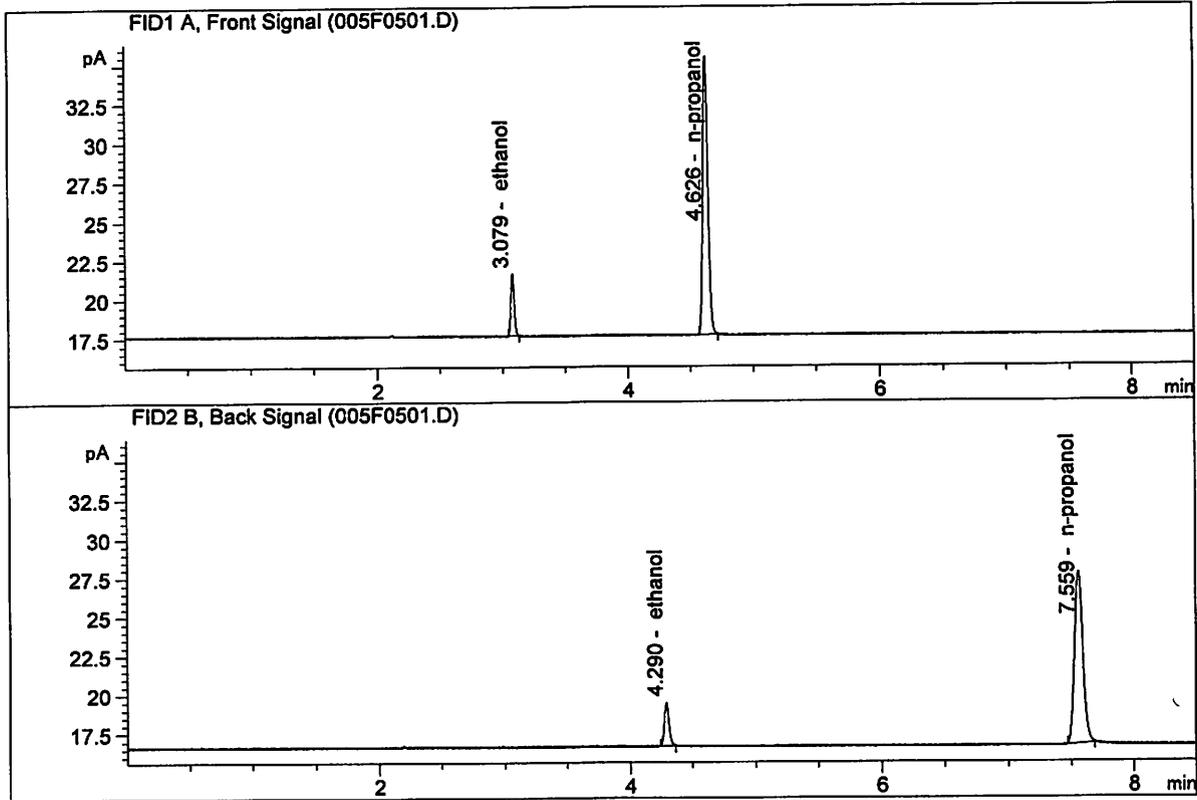
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.35242	0.0803	g/100cc
2.	Ethanol	Column 2:	7.52003	0.0809	g/100cc
3.	n-Propanol	Column 1:	50.62013	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.47658	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

```
Sample Name     :   0.08 FN04171701-B
Laboratory      :   Meridian
Injection Date  :   Nov 20, 2018
Method          :   ALCOHOL.M
Acq. Instrument :   CN11180014-CN11041167
```


FID1 A, Front Signal (006F0601.D)

FID2 B, Back Signal (006F0601.D)
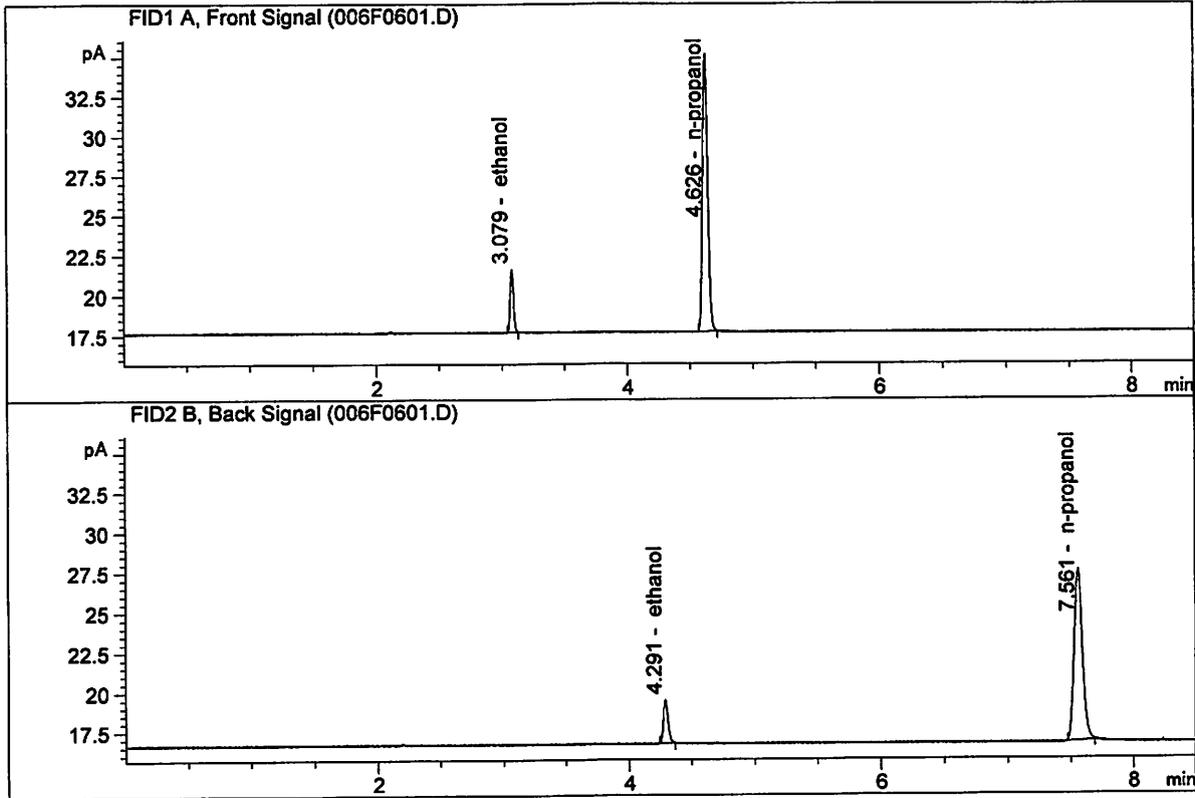
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.24772	0.0805	g/100cc
2.	Ethanol	Column 2:	7.42019	0.0812	g/100cc
3.	n-Propanol	Column 1:	49.79335	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.56036	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1   **Analysis Date(s): 20 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1976	0.1971	0.0005	0.1973		
(g/100cc)	0.1978	0.1974	0.0004	0.1976	0.1974	

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
0.197	0.187	0.207	0.010

	Reported Result	
	0.197	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

```
Sample Name      :   QC2-1-A
Laboratory       :   Meridian
Injection Date   :   Nov 20, 2018
Method           :   ALCOHOL.M
Acq. Instrument  :   CN11180014-CN11041167
```


FID1 A, Front Signal (025F2501.D)

FID2 B, Back Signal (025F2501.D)
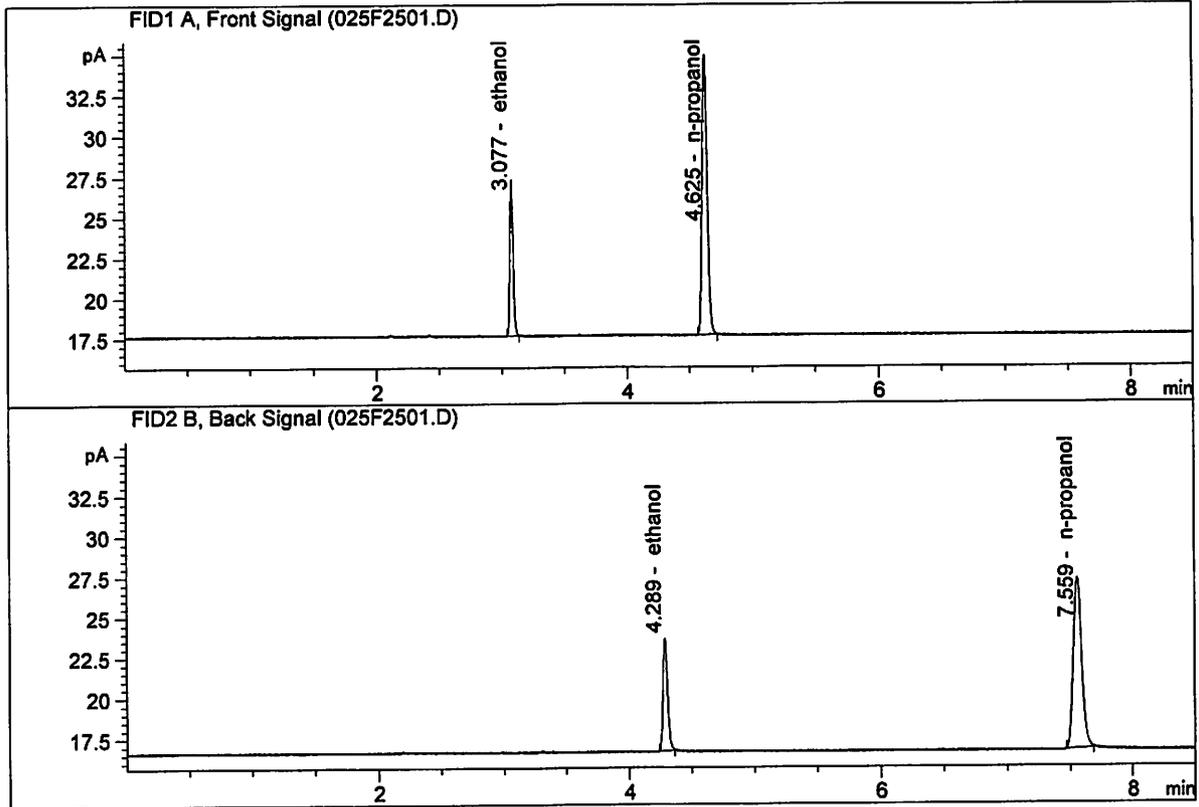
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.70980	0.1976	g/100cc
2.	Ethanol	Column 2:	18.31728	0.1971	g/100cc
3.	n-Propanol	Column 1:	49.12878	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.32288	1.0000	g/100cc

# ISP Forensic Services Blood Alcohol Report

```
Sample Name      :    QC2-1-B
Laboratory       :    Meridian
Injection Date   :    Nov 20, 2018
Method           :    ALCOHOL.M
Acq. Instrument:      CN11180014-CN11041167
```

FID1 A, Front Signal (026F2601.D)

3.077 - ethanol
4.625 - n-propanol

FID2 B, Back Signal (026F2601.D)

4.289 - ethanol
7.559 - n-propanol
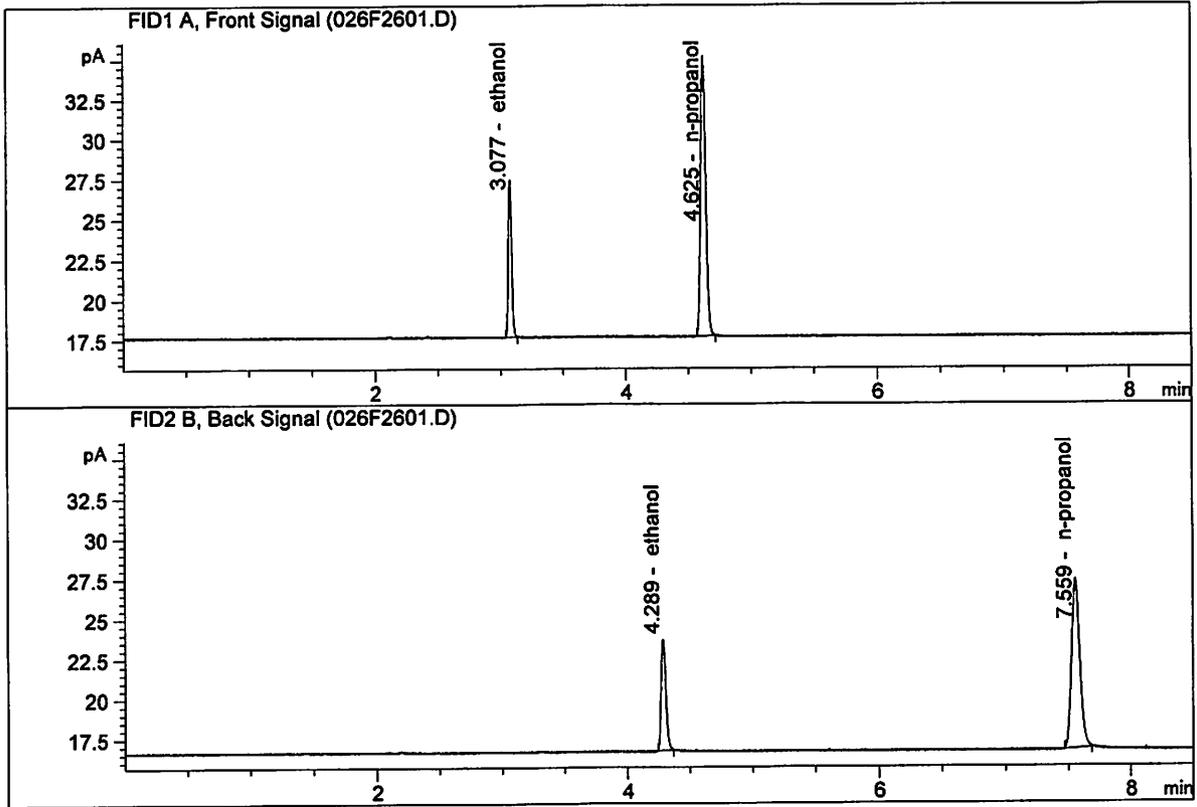
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.94320	0.1978	g/100cc
2.	Ethanol	Column 2:	18.56187	0.1974	g/100cc
3.	n-Propanol	Column 1:	49.71069	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.92396	1.0000	g/100cc

JG

Due to an input error, samples QC1-2-A and QC1-2-B were run with the label P2018-3187-1-A and P2018-3187-1-B respectively. This was additionally confirmed by an examination of the vials. Page 12 of the Sequence Parameters shows this highlighted error.

Due to the same input error, the final internal standard sample and the sequence shutdown vial were run as QC1-2-A and QC1-2-B respectively. This was additionally confirmed by an examination of the vials. Page 12 of the Sequence Parameters shows this highlighted error.

P2018-3187-1-A and P2018-3187-1-B were not run in this batch and will be included in the next sequence.

JG

[signature] 1/21/18

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 20 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0815	0.0821	0.0006	0.0818	0.0824	
(g/100cc)	0.0826	0.0836	0.0010	0.0831		

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
0.082	0.077	0.087	0.005

	Reported Result	
	0.082	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name   :   ~~P2018-3187-1-A.~~ QC 1-2- A

Laboratory   :   Meridian   JG

Injection Date :   Nov 20, 2018

Method   :   ALCOHOL.M

Acq. Instrument: CN11180014-CN11041167

FID1 A, Front Signal (041F3901.D)

FID2 B, Back Signal (041F3901.D)
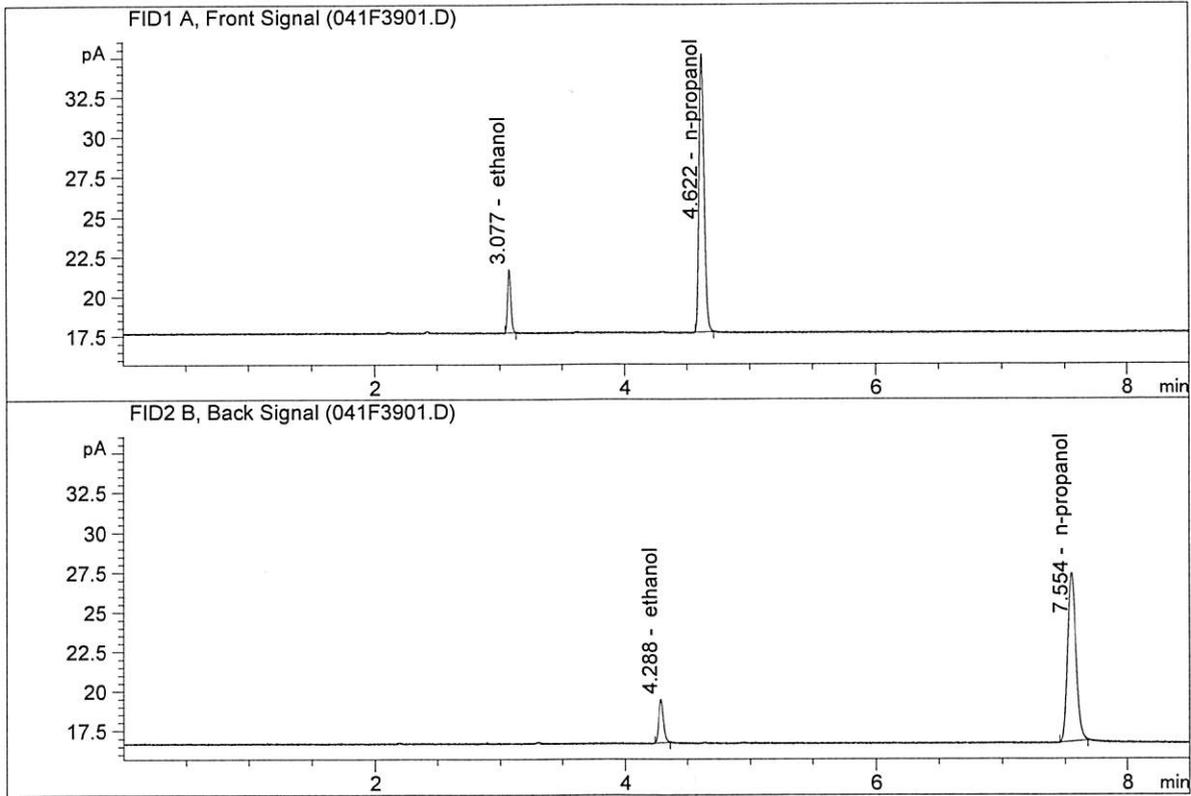
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.30192	0.0815	g/100cc
2.	Ethanol	Column 2:	7.38794	0.0821	g/100cc
3.	n-Propanol	Column 1:	49.50265	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.75754	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name   :   ~~P2018-3187-1-B~~ QC1-2-B
Laboratory   :   Meridian   JG
Injection Date :   Nov 20, 2018
Method   :   ALCOHOL.M
Acq. Instrument :   CN11180014-CN11041167
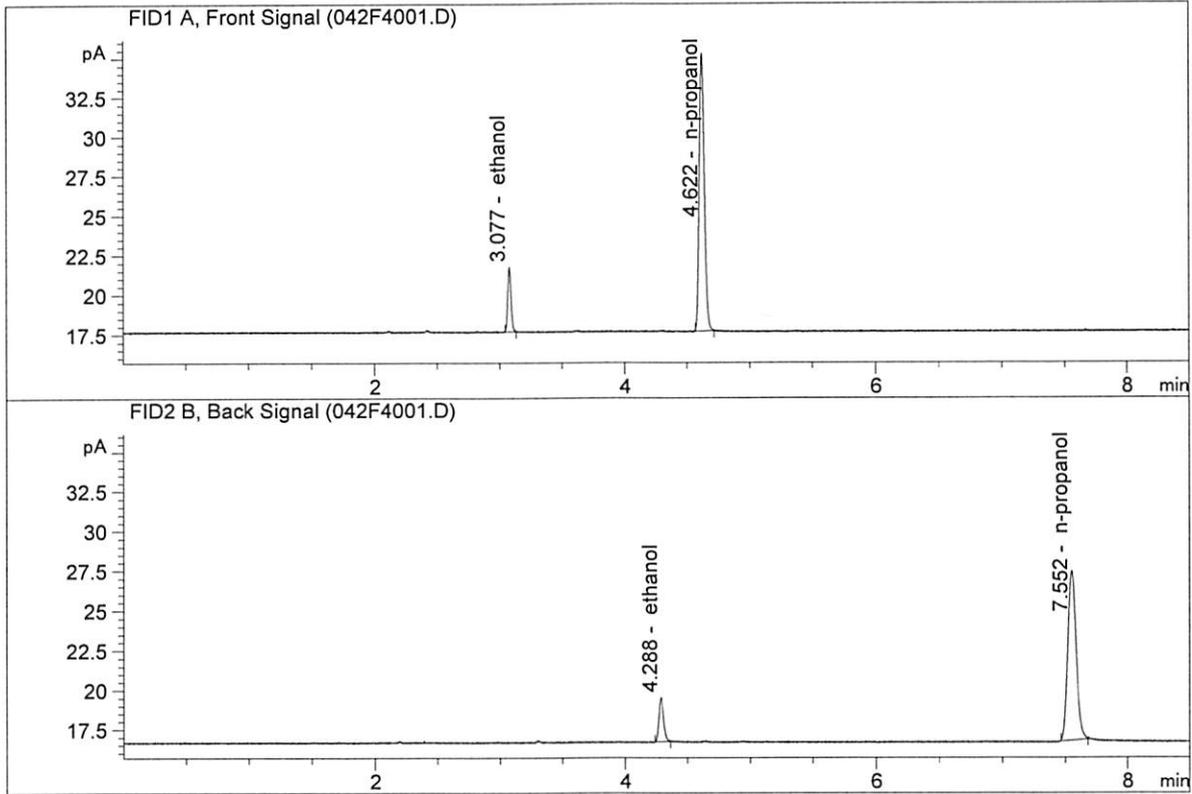
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.43364	0.0826	g/100cc
2.	Ethanol	Column 2:	7.55539	0.0836	g/100cc
3.	n-Propanol	Column 1:	49.77381	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.88432	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name   :   QC1 2-A   Internal Standard Blk
Laboratory   :   Meridian JG
Injection Date :   Nov 20, 2018
Method   :   ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

FID1 A, Front Signal (043F4101.D)

pA

32
30
28
26
24
22
20
18
16

4.622 - n-propanol

        2   4   6   8   min

FID2 B, Back Signal (043F4101.D)

pA

32
30
28
26
24
22
20
18
16

7.553 - n-propanol

        2   4   6   8   min
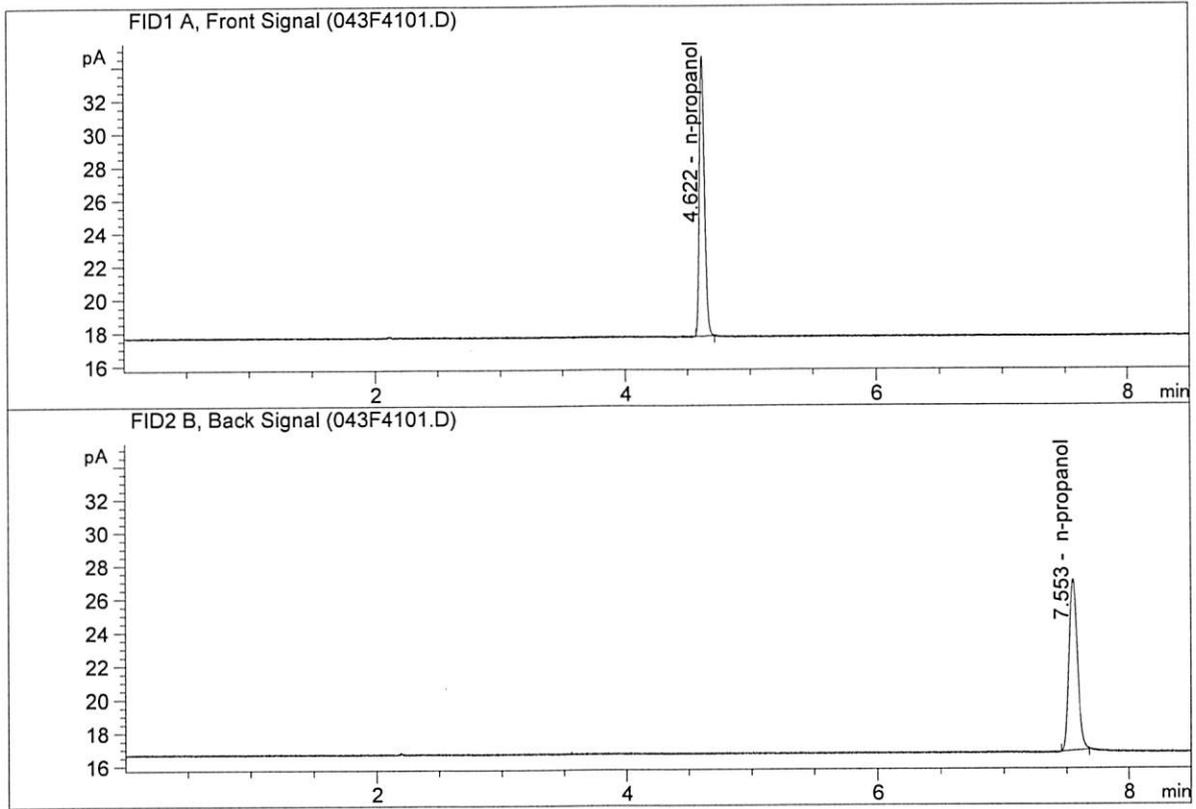
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	47.76303	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.81818	1.0000	g/100cc

JG

Sequence: C:\Chem32\1\Data\11-20-18_SAMPLES\11-20-18_SAMPLES 2018-11-20 15-18-32\11-20-18_SAMPLES.
S

```
        -------------------------------------------------------------------------
        SEQUENCE PARAMETERS
        -------------------------------------------------------------------------


        Sequence              : C:\Chem32\1\Data\11-20-18_SAMPLES\11-20-18_SAMPLES 2018-11-20 15-18-
                                32\11-20-18_SAMPLES.S
        Operator              : SYSTEM
        Data File Naming      : Auto
        Data Directory        : C:\Chem32\1\Data\11-20-18_SAMPLES\11-20-18_SAMPLES 2018-11-20 15-18-
                                32\
        Data Subdirectory     :
        Barcode Reader        : not used
        Shutdown Cmd/Macro    : none
        Sequence Comment      :
        Part of Methods to run: Reprocessing only
        Use Sequence Table Information: Yes
        Update Master Method (Data Analysis parameters): Yes



        SEQUENCE TABLE:
        =========================================================================


        Line                  : 1
        Location              : 1
        Sample Information    :
        Sample Name           : INTERNAL STD BLK 1
        Injection Location    : Front
        Injection Source      : As Method
        Lims ID               :
        Lims ID2              :
        Lims ID3              :
        Method Name           : ALCOHOL
        Injection             : 1
        Sample Type           : Sample
        Injection Volume      :
        Data File             : 001F0101
        -------------------------------------------------------------------------


        =========================================================================


        Line                  : 2
        Location              : 2
        Sample Information    :
        Sample Name           : MIX VOL FN06041502
        Injection Location    : Front
        Injection Source      : As Method
        Lims ID               :
        Lims ID2              :
        Lims ID3              :
        Method Name           : ALCOHOL
        Injection             : 1
        Sample Type           : Sample
        Injection Volume      :
        Data File             : 002F0201
        -------------------------------------------------------------------------


        =========================================================================


        Line                  : 3
        Location              : 3
```

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```
Sample Information  :
Sample Name         : QC1-1-A
Injection Location  : Front
Injection Source    : As Method
Lims ID             :
Lims ID2            :
Lims ID3            :
Method Name         : ALCOHOL
Injection           : 1
Sample Type         : Sample
Injection Volume    :
Data File           : 003F0301
```

==

```
Line                : 4
Location            : 4
Sample Information  :
Sample Name         : QC1-1-B
Injection Location  : Front
Injection Source    : As Method
Lims ID             :
Lims ID2            :
Lims ID3            :
Method Name         : ALCOHOL
Injection           : 1
Sample Type         : Sample
Injection Volume    :
Data File           : 004F0401
```

==

```
Line                : 5
Location            : 5
Sample Information  :
Sample Name         : 0.08 FN04171701-A
Injection Location  : Front
Injection Source    : As Method
Lims ID             :
Lims ID2            :
Lims ID3            :
Method Name         : ALCOHOL
Injection           : 1
Sample Type         : Sample
Injection Volume    :
Data File           : 005F0501
```

==

```
Line                : 6
Location            : 6
Sample Information  :
Sample Name         : 0.08 FN04171701-B
Injection Location  : Front
Injection Source    : As Method
Lims ID             :
Lims ID2            :
```

```
Lims ID3            :
Method Name         : ALCOHOL
Injection           : 1
Sample Type         : Sample
Injection Volume    :
Data File           : 006F0601
```

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```
Line                : 7
Location            : 7
Sample Information  :
Sample Name         : M2018-5330-3-A
Injection Location  : Front
Injection Source    : As Method
Lims ID             :
Lims ID2            :
Lims ID3            :
Method Name         : ALCOHOL
Injection           : 1
Sample Type         : Sample
Injection Volume    :
Data File           : 007F0701
```

==

```
Line                : 8
Location            : 8
Sample Information  :
Sample Name         : M2018-5330-3-B
Injection Location  : Front
Injection Source    : As Method
Lims ID             :
Lims ID2            :
Lims ID3            :
Method Name         : ALCOHOL
Injection           : 1
Sample Type         : Sample
Injection Volume    :
Data File           : 008F0801
```

==

```
Line                : 9
Location            : 9
Sample Information  :
Sample Name         : M2018-5508-1-A
Injection Location  : Front
Injection Source    : As Method
Lims ID             :
Lims ID2            :
Lims ID3            :
Method Name         : ALCOHOL
Injection           : 1
Sample Type         : Sample
Injection Volume    :
Data File           : 009F0901
```

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```
========================================================================
```

```
Line                 : 10
Location             : 10
Sample Information   :
Sample Name          : M2018-5508-1-B
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 010F1001
```
```
------------------------------------------------------------------------
```

```
========================================================================
```

```
Line                 : 11
Location             : 11
Sample Information   :
Sample Name          : M2018-5641-1-A
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 011F1101
```
```
------------------------------------------------------------------------
```

```
========================================================================
```

```
Line                 : 12
Location             : 12
Sample Information   :
Sample Name          : M2018-5641-1-B
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 012F1201
```
```
------------------------------------------------------------------------
```

```
========================================================================
```

```
Line                 : 13
Location             : 13
```

```
Sample Information    :
Sample Name           : M2018-5659-1-A
Injection Location    : Front
Injection Source      : As Method
Lims ID               :
Lims ID2              :
Lims ID3              :
Method Name           : ALCOHOL
Injection             : 1
Sample Type           : Sample
Injection Volume      :
Data File             : 013F1301
```

===

```
Line                  : 14
Location              : 14
Sample Information    :
Sample Name           : M2018-5659-1-B
Injection Location    : Front
Injection Source      : As Method
Lims ID               :
Lims ID2              :
Lims ID3              :
Method Name           : ALCOHOL
Injection             : 1
Sample Type           : Sample
Injection Volume      :
Data File             : 014F1401
```

===

```
Line                  : 15
Location              : 15
Sample Information    :
Sample Name           : M2018-5660-1-A
Injection Location    : Front
Injection Source      : As Method
Lims ID               :
Lims ID2              :
Lims ID3              :
Method Name           : ALCOHOL
Injection             : 1
Sample Type           : Sample
Injection Volume      :
Data File             : 015F1501
```

===

```
Line                  : 16
Location              : 16
Sample Information    :
Sample Name           : M2018-5660-1-B
Injection Location    : Front
Injection Source      : As Method
Lims ID               :
Lims ID2              :
```

36

```
Lims ID3              :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 016F1601
```

==

```
Line                 : 17
Location             : 17
Sample Information   :
Sample Name          : M2018-5661-1-A
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 017F1701
```

==

```
Line                 : 18
Location             : 18
Sample Information   :
Sample Name          : M2018-5661-1-B
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 018F1801
```

==

```
Line                 : 19
Location             : 19
Sample Information   :
Sample Name          : M2018-5662-1-A
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 019F1901
```

JG

==

```
Line                 : 20
Location             : 20
Sample Information   :
Sample Name          : M2018-5662-1-B
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 020F2001
```

==

```
Line                 : 21
Location             : 21
Sample Information   :
Sample Name          : M2018-5663-1-A
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 021F2101
```

==

```
Line                 : 22
Location             : 22
Sample Information   :
Sample Name          : M2018-5663-1-B
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 022F2201
```

==

```
Line                 : 23
Location             : 23
```

```
      Sample Information   :
      Sample Name          : M2018-5683-1-A
      Injection Location   : Front
      Injection Source     : As Method
      Lims ID              :
      Lims ID2             :
      Lims ID3             :
      Method Name          : ALCOHOL
      Injection            : 1
      Sample Type          : Sample
      Injection Volume     :
      Data File            : 023F2301
      ---------------------------------------------------------------------------


      =============================================================================

      Line                 : 24
      Location             : 24
      Sample Information   :
      Sample Name          : M2018-5683-1-B
      Injection Location   : Front
      Injection Source     : As Method
      Lims ID              :
      Lims ID2             :
      Lims ID3             :
      Method Name          : ALCOHOL
      Injection            : 1
      Sample Type          : Sample
      Injection Volume     :
      Data File            : 024F2401
      ---------------------------------------------------------------------------


      =============================================================================

      Line                 : 25
      Location             : 25
      Sample Information   :
      Sample Name          : QC2-1-A
      Injection Location   : Front
      Injection Source     : As Method
      Lims ID              :
      Lims ID2             :
      Lims ID3             :
      Method Name          : ALCOHOL
      Injection            : 1
      Sample Type          : Sample
      Injection Volume     :
      Data File            : 025F2501
      ---------------------------------------------------------------------------


      =============================================================================

      Line                 : 26
      Location             : 26
      Sample Information   :
      Sample Name          : QC2-1-B
      Injection Location   : Front
      Injection Source     : As Method
      Lims ID              :
      Lims ID2             :
```

```
    Lims ID3            :
    Method Name         : ALCOHOL
    Injection           : 1
    Sample Type         : Sample
    Injection Volume    :
    Data File           : 026F2601
    ------------------------------------------------------------------------------


    ===============================================================================


    Line                : 27
    Location            : 27
    Sample Information   :
    Sample Name         : M2018-5695-1-A
    Injection Location  : Front
    Injection Source    : As Method
    Lims ID             :
    Lims ID2            :
    Lims ID3            :
    Method Name         : ALCOHOL
    Injection           : 1
    Sample Type         : Sample
    Injection Volume    :
    Data File           : 027F2701
    ------------------------------------------------------------------------------


    ===============================================================================


    Line                : 28
    Location            : 28
    Sample Information   :
    Sample Name         : M2018-5695-1-B
    Injection Location  : Front
    Injection Source    : As Method
    Lims ID             :
    Lims ID2            :
    Lims ID3            :
    Method Name         : ALCOHOL
    Injection           : 1
    Sample Type         : Sample
    Injection Volume    :
    Data File           : 028F2801
    ------------------------------------------------------------------------------


    ===============================================================================


    Line                : 29
    Location            : 29
    Sample Information   :
    Sample Name         : M2018-5714-1-A
    Injection Location  : Front
    Injection Source    : As Method
    Lims ID             :
    Lims ID2            :
    Lims ID3            :
    Method Name         : ALCOHOL
    Injection           : 1
    Sample Type         : Sample
    Injection Volume    :
    Data File           : 029F2901
```

==

```
Line                    : 30
Location                : 30
Sample Information       :
Sample Name             : M2018-5714-1-B
Injection Location      : Front
Injection Source        : As Method
Lims ID                 :
Lims ID2                :
Lims ID3                :
Method Name             : ALCOHOL
Injection               : 1
Sample Type             : Sample
Injection Volume        :
Data File               : 030F3001
```

==

```
Line                    : 31
Location                : 31
Sample Information       :
Sample Name             : M2018-5715-1-A
Injection Location      : Front
Injection Source        : As Method
Lims ID                 :
Lims ID2                :
Lims ID3                :
Method Name             : ALCOHOL
Injection               : 1
Sample Type             : Sample
Injection Volume        :
Data File               : 031F3101
```

==

```
Line                    : 32
Location                : 32
Sample Information       :
Sample Name             : M2018-5715-1-B
Injection Location      : Front
Injection Source        : As Method
Lims ID                 :
Lims ID2                :
Lims ID3                :
Method Name             : ALCOHOL
Injection               : 1
Sample Type             : Sample
Injection Volume        :
Data File               : 032F3201
```

==

```
Line                    : 33
Location                : 33
```

JG

```
Sample Information   :
Sample Name          : M2018-5716-1-A
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 033F3301
```

==

```
Line                 : 34
Location             : 34
Sample Information   :
Sample Name          : M2018-5716-1-B
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 034F3401
```

==

```
Line                 : 35
Location             : 35
Sample Information   :
Sample Name          : M2018-5718-1-A
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 035F3501
```

==

```
Line                 : 36
Location             : 36
Sample Information   :
Sample Name          : M2018-5718-1-B
Injection Location   : Front
Injection Source     : As Method
Lims ID              :
Lims ID2             :
```

```
         Lims ID3             :
         Method Name          : ALCOHOL
         Injection            : 1
         Sample Type          : Sample
         Injection Volume     :
         Data File            : 036F3601
         -------------------------------------------------------------------------

         =========================================================================

         Line                 : 37
         Location             : 37
         Sample Information   :
         Sample Name          : M2018-5751-1-A
         Injection Location   : Front
         Injection Source     : As Method
         Lims ID              :
         Lims ID2             :
         Lims ID3             :
         Method Name          : ALCOHOL
         Injection            : 1
         Sample Type          : Sample
         Injection Volume     :
         Data File            : 037F3701
         -------------------------------------------------------------------------

         =========================================================================

         Line                 : 38
         Location             : 38
         Sample Information   :
         Sample Name          : M2018-5751-1-B
         Injection Location   : Front
         Injection Source     : As Method
         Lims ID              :
         Lims ID2             :
         Lims ID3             :
         Method Name          : ALCOHOL
         Injection            : 1
         Sample Type          : Sample
         Injection Volume     :
         Data File            : 038F3801
         -------------------------------------------------------------------------

         =========================================================================

         Line                 : 39
         Location             : 41
         Sample Information   :
         Sample Name          : P2018-3187-1-A      QC1-2-A
         Injection Location   : Front               JG
         Injection Source     : As Method
         Lims ID              :
         Lims ID2             :
         Lims ID3             :
         Method Name          : ALCOHOL
         Injection            : 1
         Sample Type          : Sample
         Injection Volume     :
         Data File            : 041F3901                              JG
```

==

```
Line              : 40
Location          : 42
Sample Information :
Sample Name       : P2018-3187-1-B   QC1-2-B
Injection Location : Front        JC
Injection Source  : As Method
Lims ID           :
Lims ID2          :
Lims ID3          :
Method Name       : ALCOHOL
Injection         : 1
Sample Type       : Sample
Injection Volume  :
Data File         : 042F4001
```

==

```
Line              : 41
Location          : 43
Sample Information :
Sample Name       : QC1-2-A      Internal Standard Blank
Injection Location : Front   JC
Injection Source  : As Method
Lims ID           :
Lims ID2          :
Lims ID3          :
Method Name       : ALCOHOL
Injection         : 1
Sample Type       : Sample
Injection Volume  :
Data File         : 043F4101
```

==

```
Line              : 42
Location          : 44
Sample Information :
Sample Name       : QC1-2-B    Shutdown sequence Sample
Injection Location : Front   JC
Injection Source  : As Method
Lims ID           :
Lims ID2          :
Lims ID3          :
Method Name       : ALCOHOL
Injection         : 1
Sample Type       : Sample
Injection Volume  :
Data File         : 044F4201
```

==

```
Line              : 43
Location          : 45
```

JC

```
Sample Information   :
Sample Name          : INTERNAL STD BLK    No vial in location
Injection Location   : Front          JG
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : ALCOHOL
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 045F4301
```

===

```
Line                 : 44
Location             : 46
Sample Information   :
Sample Name          : EMPTY          No Sample in location
Injection Location   : Front  JG
Injection Source     : As Method
Lims ID              :
Lims ID2             :
Lims ID3             :
Method Name          : SHUTDOWN
Injection            : 1
Sample Type          : Sample
Injection Volume     :
Data File            : 046F4401
```

===

JG