Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls **Run Date(s): 06/05/2018**

Calibration Date: 06/01/2018

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702-0.0858	0.0788 g/100cc
					0.0808 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818-0.2222	0.1989 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Exp date: Sept 2020**	**Lot #**	FN06041503		OK
Curve Fit:		**Column 1**	0.99998	**Column2**	0.99989

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	0.0515	0.0531	0.0016	0.0523
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.0998	0.0999	0.0001	0.0998
0.200	Apr-21	FN03301601	0.200	0.180 - 0.220	0.1982	0.1969	0.0013	0.1975
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.2998	0.2980	0.0018	0.2989
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Sep-21	FN08031602	0.500	0.450 - 0.550	0.5008	0.5022	0.0014	0.5015

Aqueous Controls					
Control level	**Expiration**	**Cerilliant Lot #**	**Target Value**	**Acceptable Range**	**Overall Results**
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.083 g/100cc

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

Worklist: 2454

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2018-2652	1	116283	Alcohol Analysis
M2018-2655	1	116400	Alcohol Analysis
M2018-2662	1	116498	Alcohol Analysis
M2018-2663	1	116502	Alcohol Analysis
M2018-2671	1	116513	Alcohol Analysis
M2018-2672	1	116514	Alcohol Analysis
M2018-2673	1	116517	Alcohol Analysis
M2018-2687	1	116556	Alcohol Analysis
M2018-2688	1	116557	Alcohol Analysis
M2018-2691	1	116570	Alcohol Analysis
M2018-2733	1	116787	Alcohol Analysis
M2018-2734	1	116788	Alcohol Analysis
M2018-2750	1	117023	Alcohol Analysis
M2018-2751	1	117025	Alcohol Analysis
M2018-2752	1	117026	Alcohol Analysis
P2018-1477	1	115923	Alcohol Analysis
P2018-1490	1	115949	Alcohol Analysis
P2018-1522	1	117706	Alcohol Analysis

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Calibration Table

General Calibration Setting

Calib. Data Modified : Friday, June 01, 2018 12:59:48 PM
Signals calculated separately : No

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

Curve Type : Linear
Origin : Ignored
Weight : Equal

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

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

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100cc]	Name
1	1.00000	n-propanol
2	1.00000	n-propanol

Signal Details

Signal 1: FID1 A, Front Signal
Signal 2: FID2 B, Back Signal

Overview Table

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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	4.49763	1.11170e-2	No	No	1	ethanol
		2	1.00000e-1	9.18122	1.08918e-2				
		3	2.00000e-1	18.35643	1.08954e-2				
		4	3.00000e-1	27.35600	1.09665e-2				
		5	5.00000e-1	45.40926	1.10110e-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	4.64147	1.07724e-2	No	No	2	ethanol
		2	1.00000e-1	9.53754	1.04849e-2				
		3	2.00000e-1	19.20663	1.04131e-2				
		4	3.00000e-1	28.82824	1.04065e-2				
		5	5.00000e-1	48.24913	1.03629e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	44.20786	2.26204e-2	No	Yes	1	n-propanol
		2	1.00000	45.75217	2.18569e-2				
		3	1.00000	45.68537	2.18888e-2				
		4	1.00000	44.87049	2.22864e-2				
		5	1.00000	44.48440	2.24798e-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	46.02285	2.17283e-2	No	Yes	2	n-propanol
		2	1.00000	47.66442	2.09800e-2				
		3	1.00000	47.34764	2.11204e-2				
		4	1.00000	46.49533	2.15075e-2				
		5	1.00000	45.82001	2.18245e-2				

Peak Sum Table

No Entries in table

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1 Warnings or Errors :

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

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Calibration Curves

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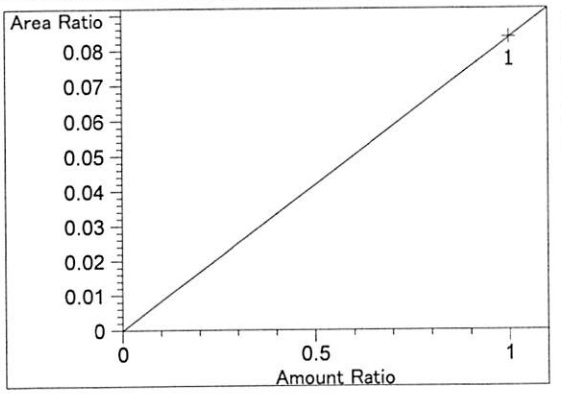

methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.36208e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

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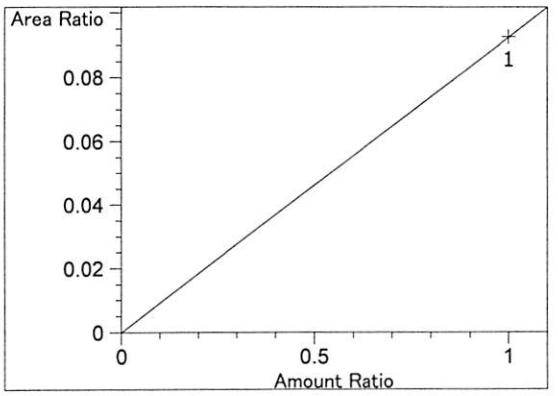
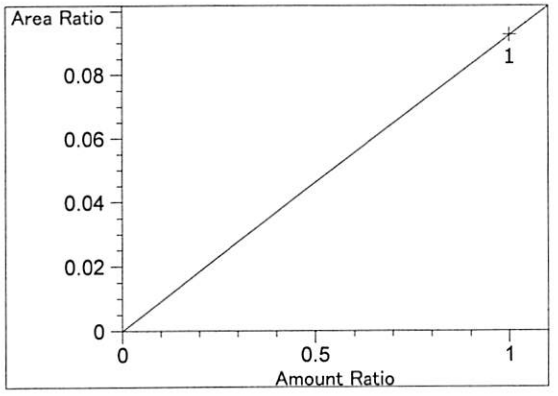
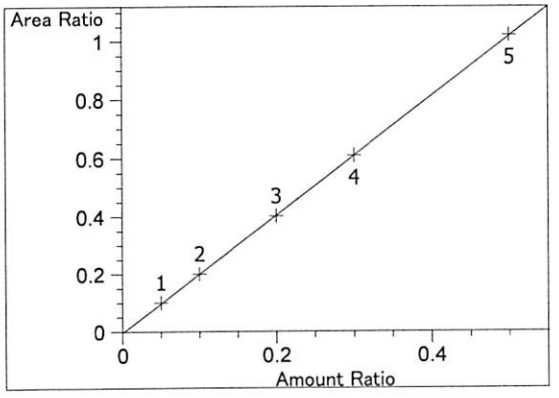


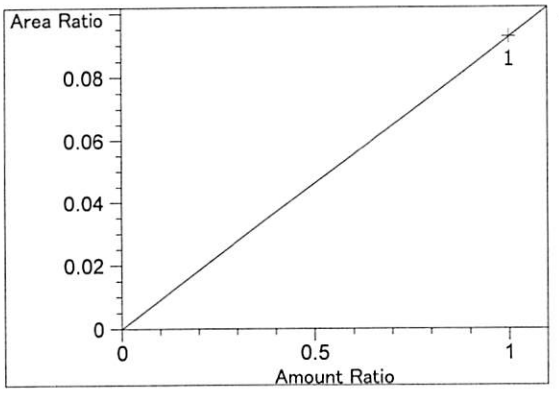
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.25844e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.25844e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00294
Formula: y = mx + b
m: 2.04559
b: -3.55230e-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: 9.25763e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

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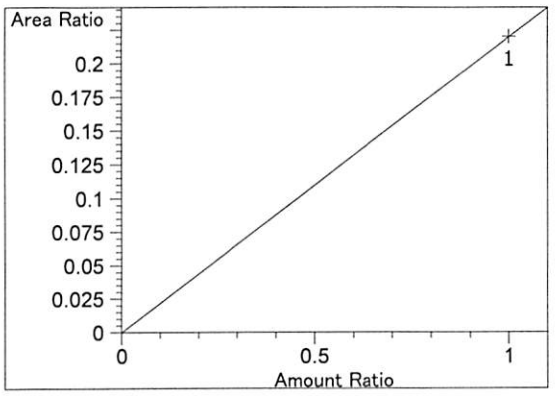
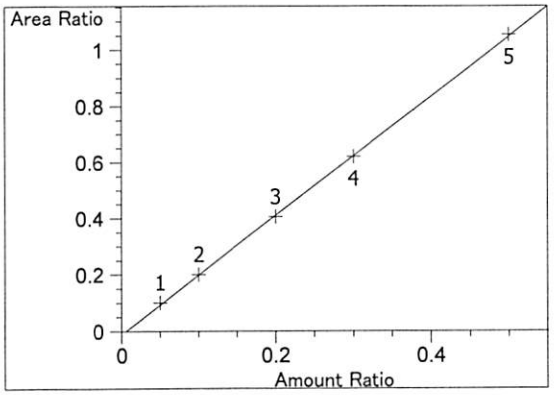
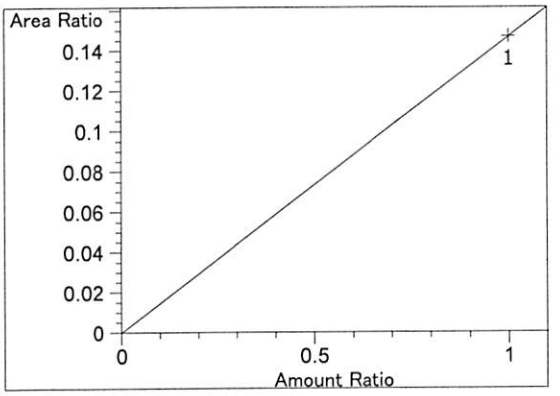


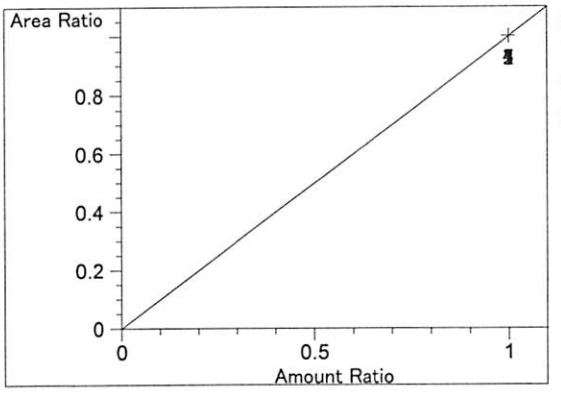
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.20109e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99989
Residual Std. Dev.: 0.00652
Formula: y = mx + b
m: 2.12016
b: -1.17084e-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: 1.47019e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



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

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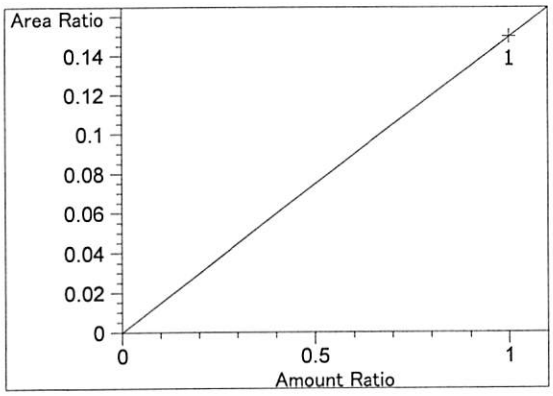
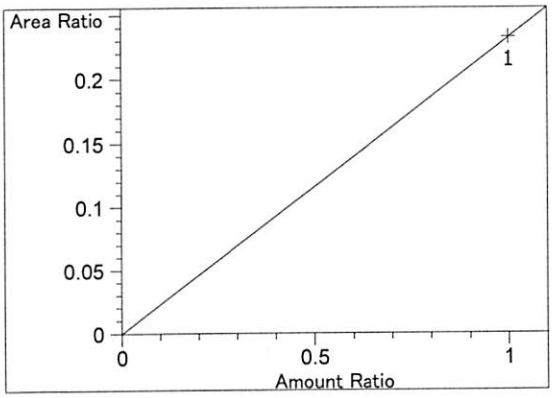
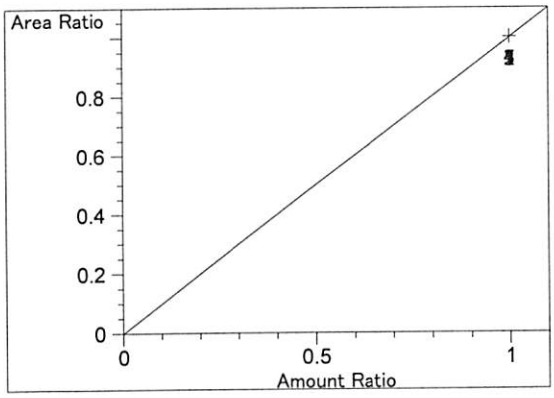


acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.49774e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.32633e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



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

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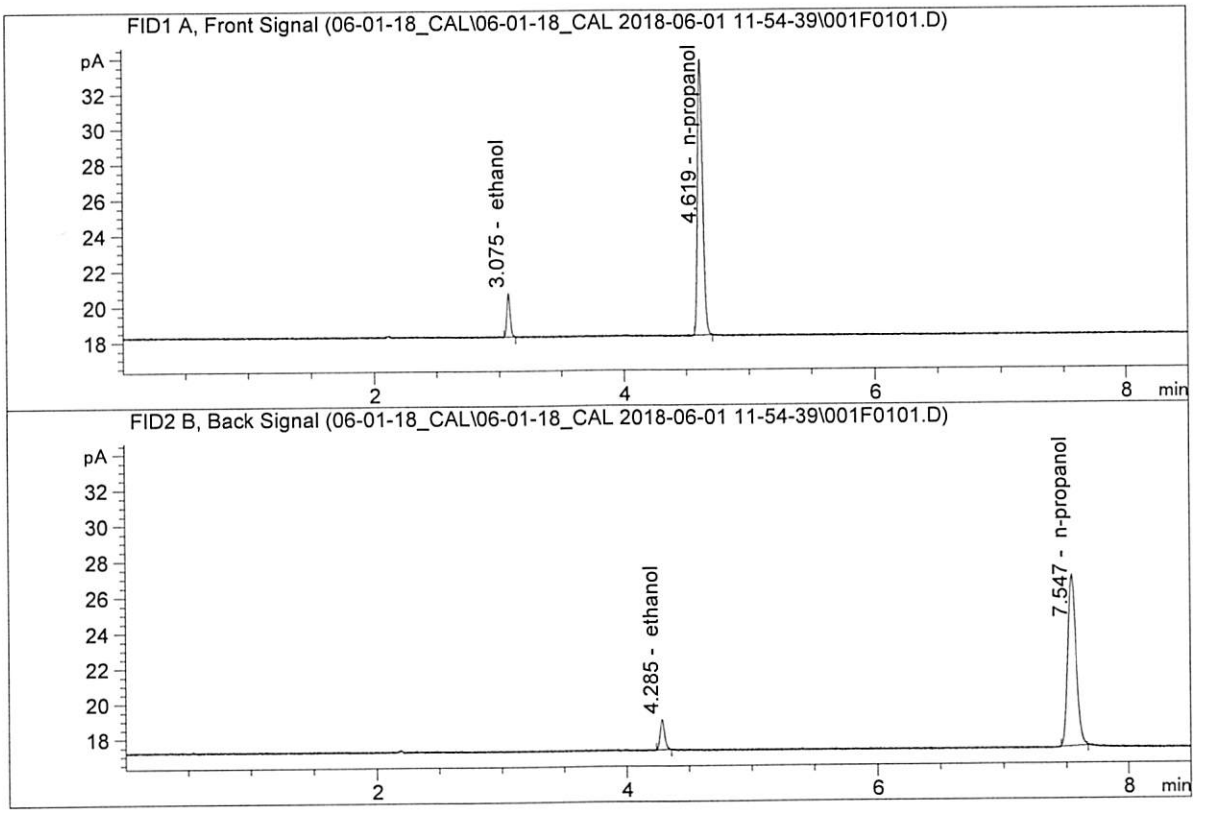
JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Jun 1, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.49763	0.0515	g/100cc
2.	Ethanol	Column 2:	4.64147	0.0531	g/100cc
3.	n-Propanol	Column 1:	44.20786	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.02285	1.0000	g/100cc

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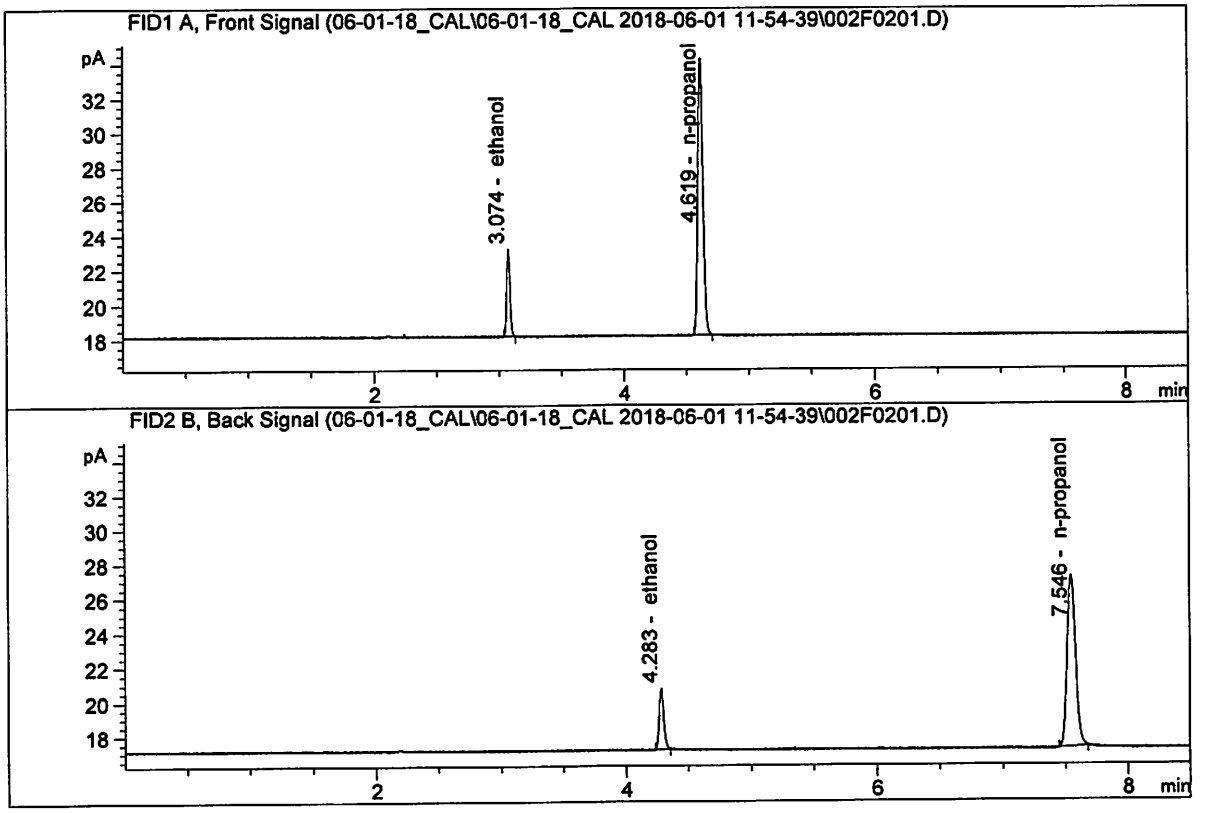
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Jun 1, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

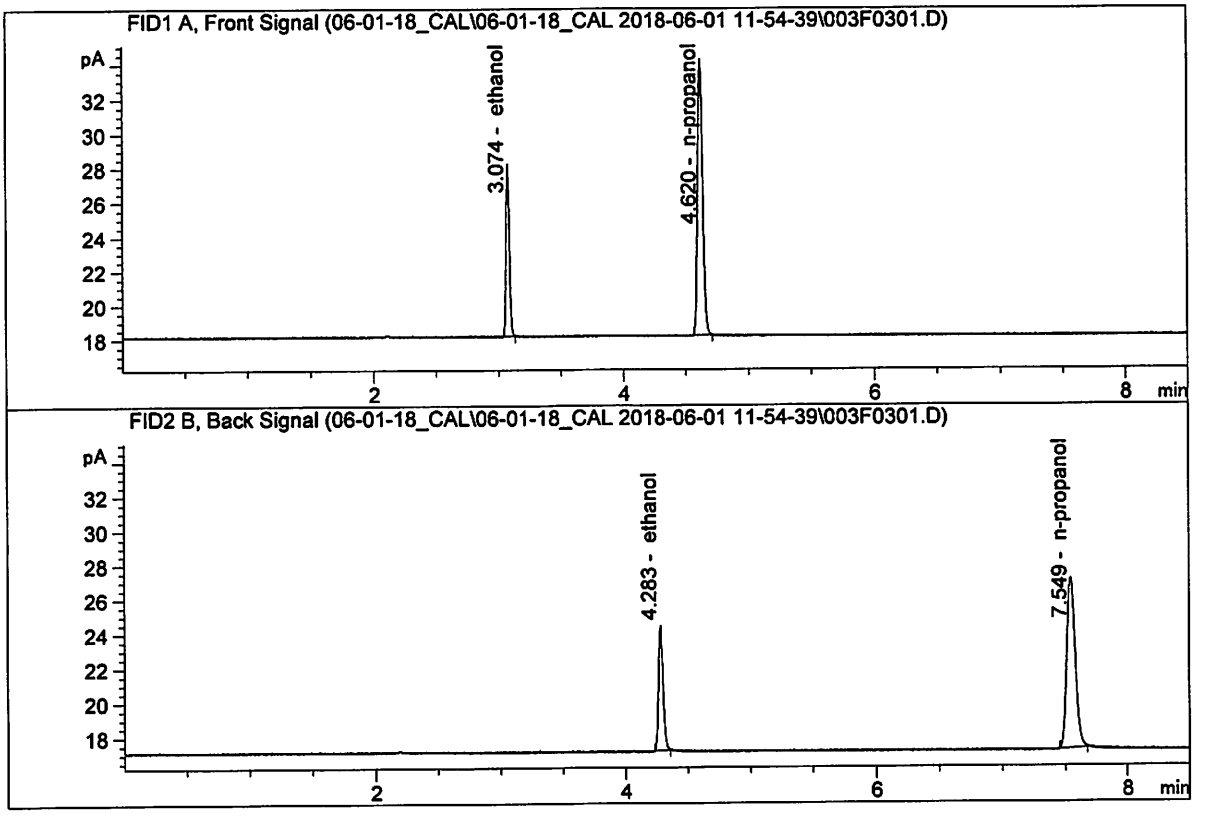


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.18122	0.0998	g/100cc
2.	Ethanol	Column 2:	9.53754	0.0999	g/100cc
3.	n-Propanol	Column 1:	45.75217	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.66442	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

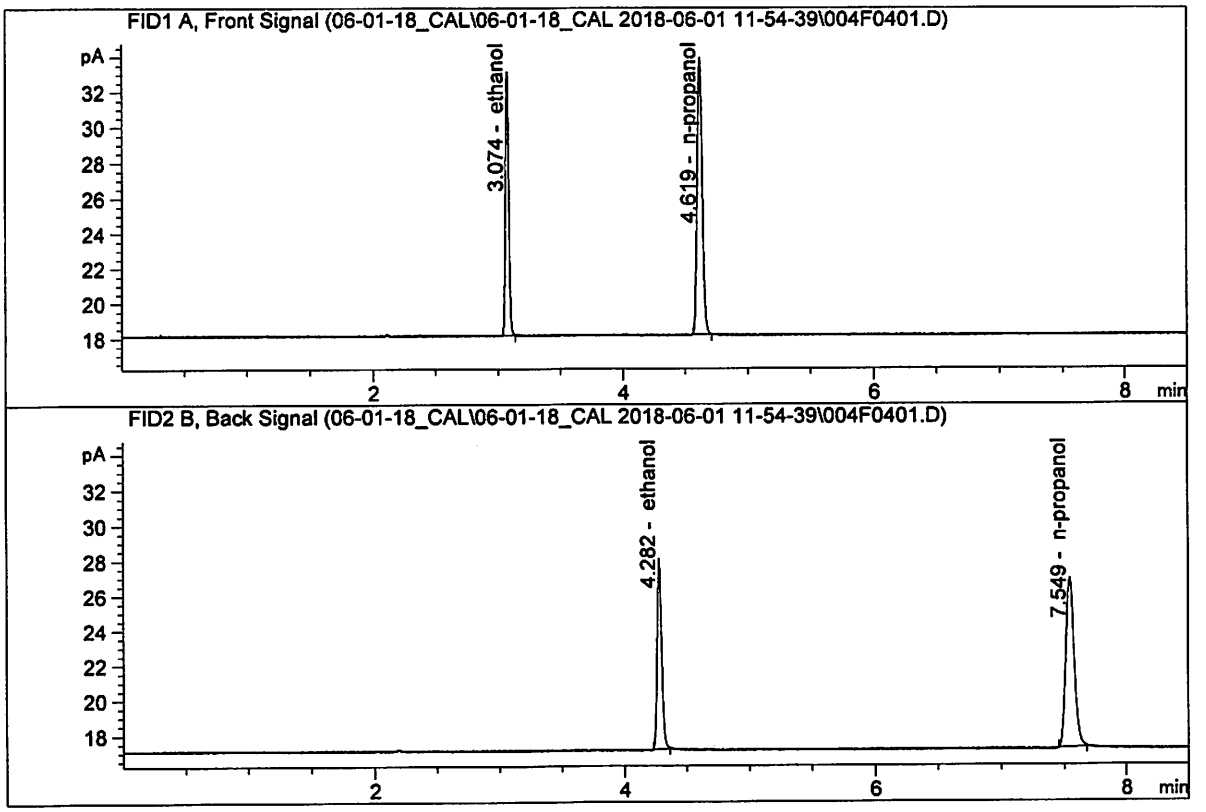
Sample Name : 0.200 FN03301601
Laboratory : Meridian
Injection Date : Jun 1, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.35643	0.1982	g/100cc
2.	Ethanol	Column 2:	19.20663	0.1969	g/100cc
3.	n-Propanol	Column 1:	45.68537	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.34764	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN02121601
Laboratory : Meridian
Injection Date : Jun 1, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.35600	0.2998	g/100cc
2.	Ethanol	Column 2:	28.82824	0.2980	g/100cc
3.	n-Propanol	Column 1:	44.87049	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.49533	1.0000	g/100cc

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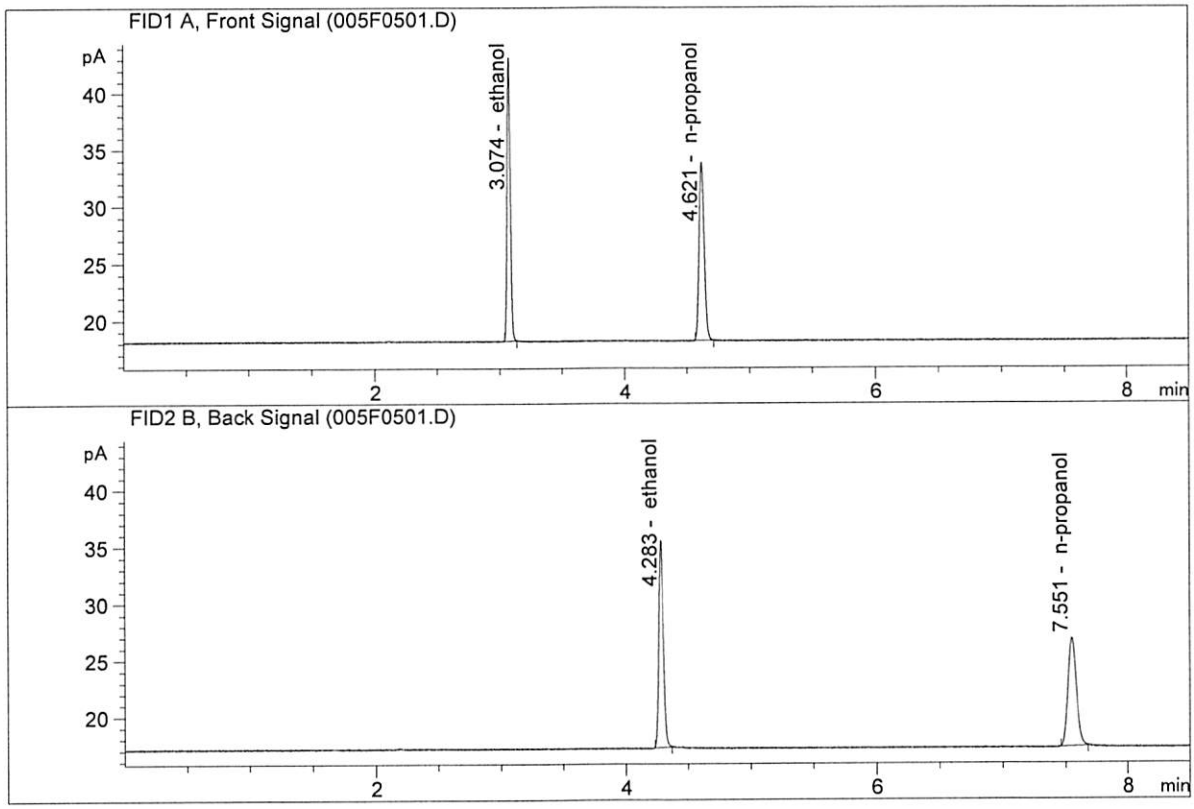
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602
Laboratory : Meridian
Injection Date : Jun 1, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.40926	0.5008	g/100cc
2.	Ethanol	Column 2:	48.24913	0.5022	g/100cc
3.	n-Propanol	Column 1:	44.48440	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.82001	1.0000	g/100cc

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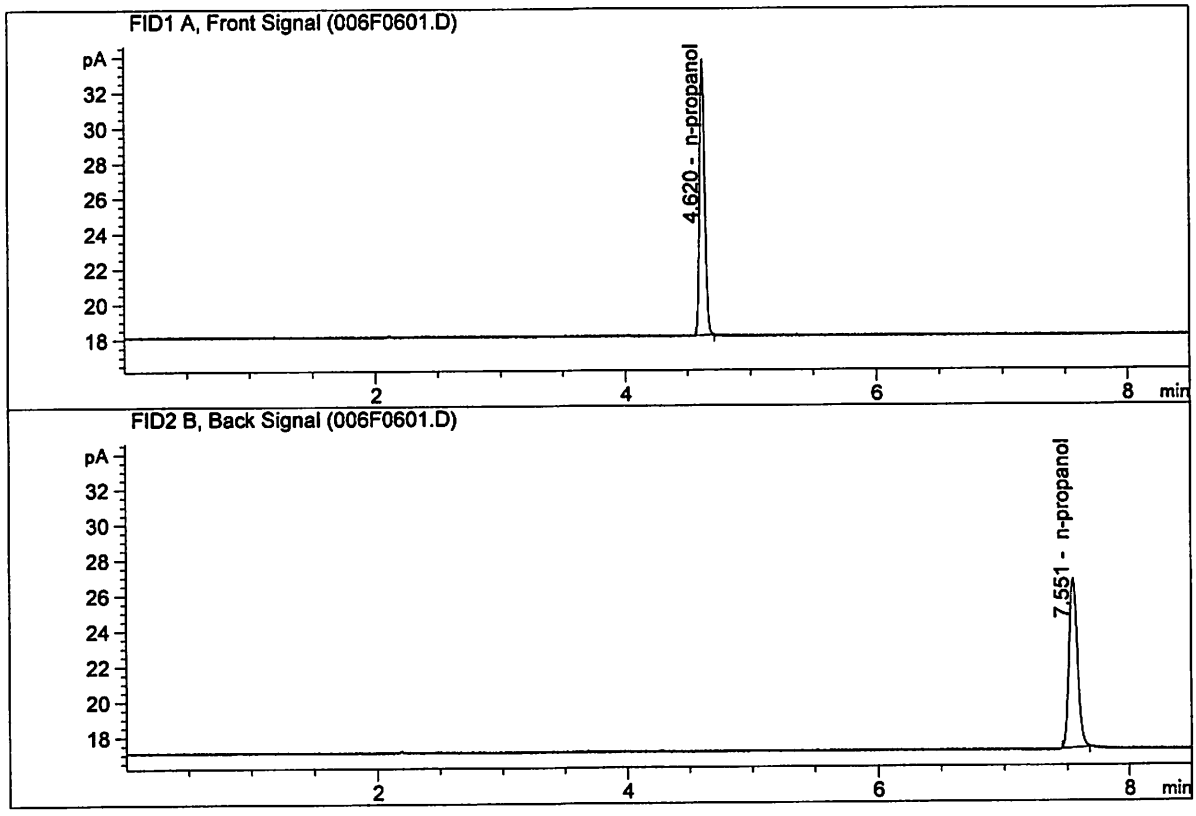
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Jun 1, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	44.43435	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.90475	1.0000	g/100cc

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Sequence File C:\Chem32\1\Data\06-01-18_CAL\06-01-18_CAL 2018-06-01 11-54-39\06-01-18_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\06-01-18_CAL\06-01-18_CAL 2018-06-01 11-54-39\06-01-18_CAL.S
Data directory path: C:\Chem32\1\Data\06-01-18_CAL\06-01-18_CAL 2018-06-01 11-54-39\
Logbook: C:\Chem32\1\Data\06-01-18_CAL\06-01-18_CAL 2018-06-01 11-54-39\06-01-18_CAL.LOG
Sequence start: 6/1/2018 12:09:17 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\06-01-18_CAL\06-01-18_CAL 2018-06-01 11-54-39\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 FN03301601	-	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

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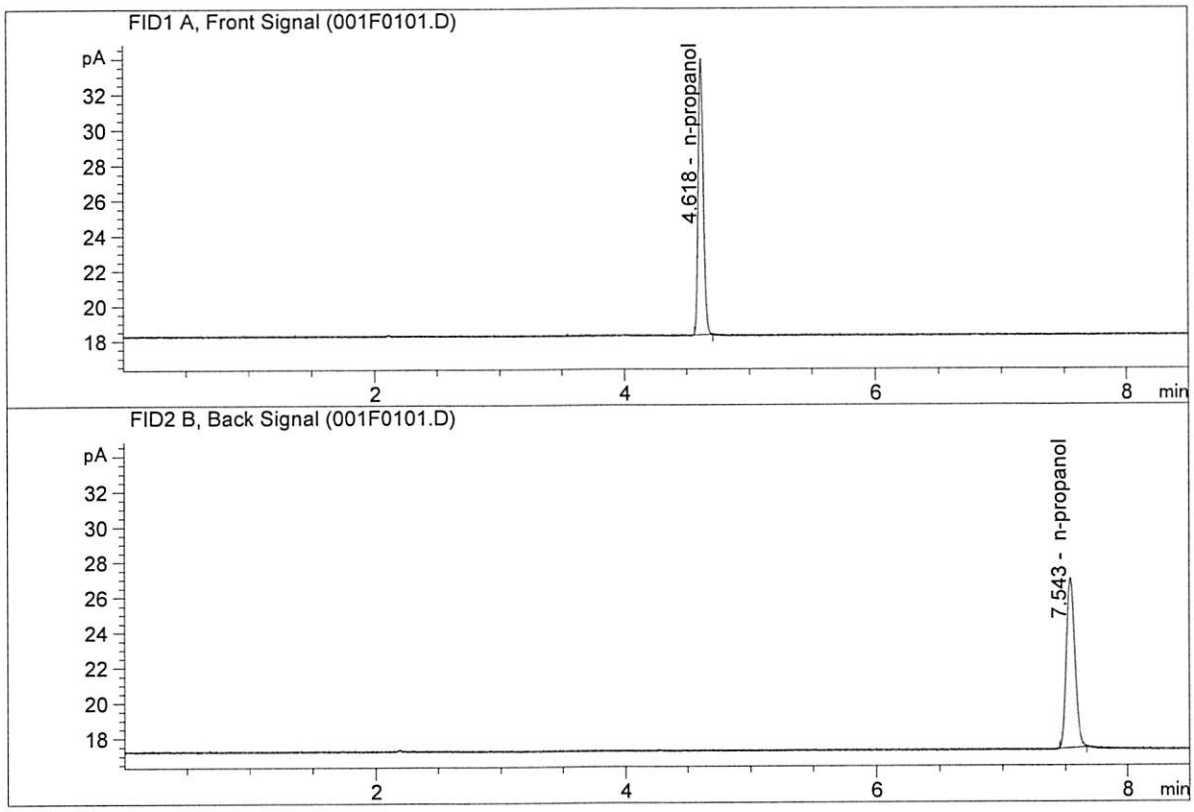
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Jun 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

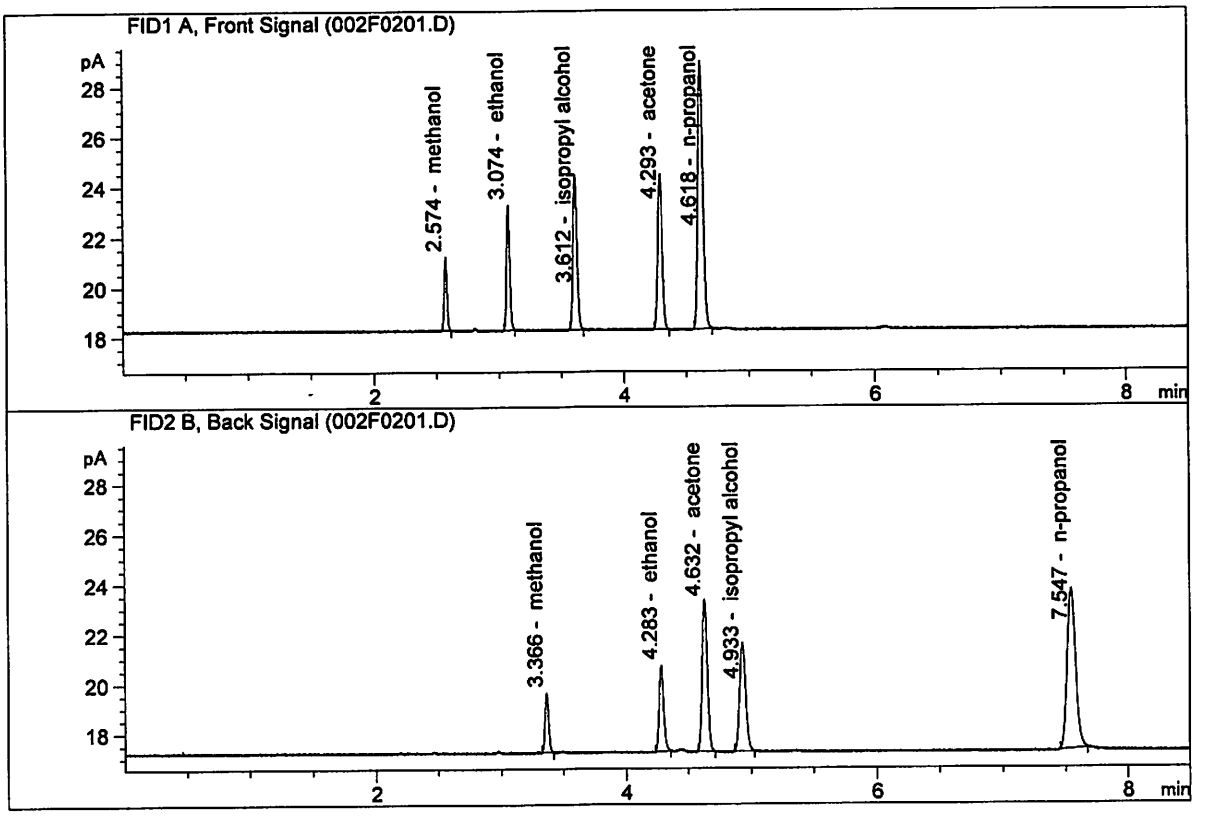


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	44.51722	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.23320	1.0000	g/100cc

J6

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041503
Laboratory : Meridian
Injection Date : Jun 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.84172	0.1446	g/100cc
2.	Ethanol	Column 2:	9.12127	0.1454	g/100cc
3.	n-Propanol	Column 1:	30.24457	1.0000	g/100cc
4.	n-Propanol	Column 2:	30.75155	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 05 Jun 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0782	0.0795	0.0013	0.0788	0.0788	
(g/100cc)	0.0781	0.0795	0.0014	0.0788		

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

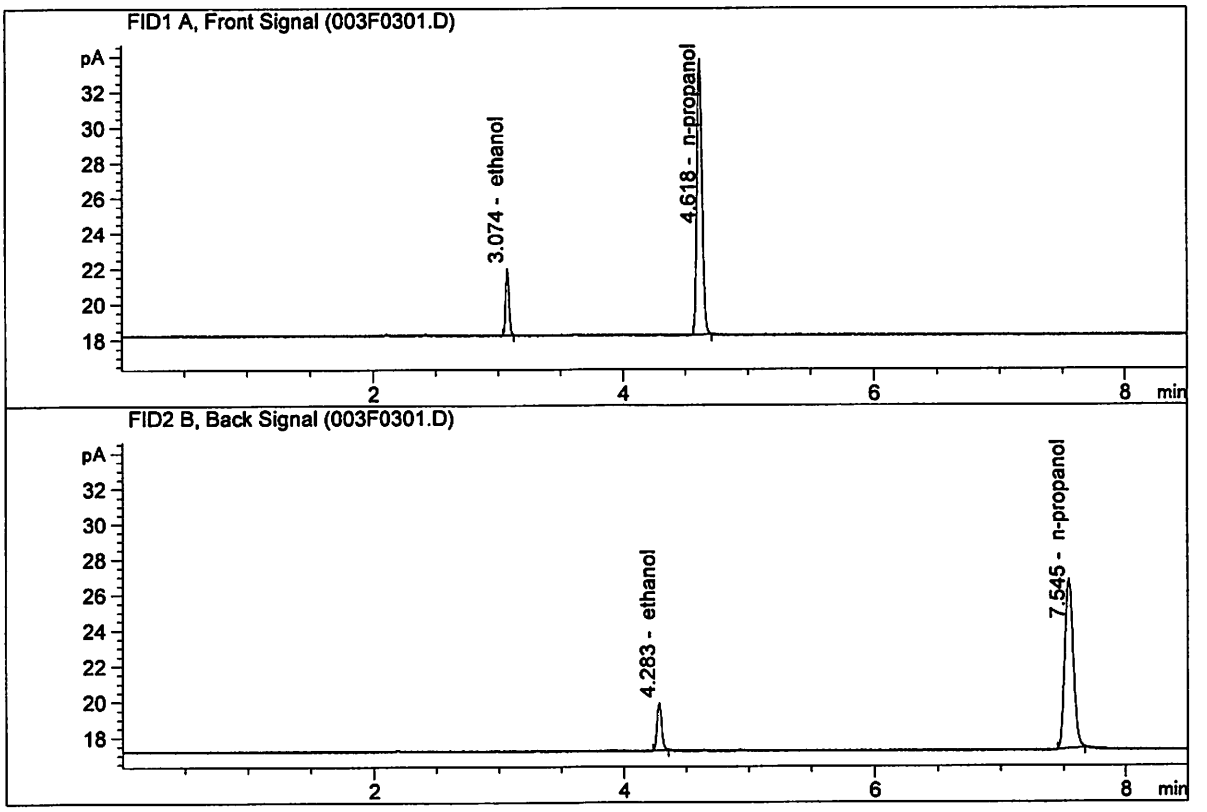
	Reported Result	
	0.078	

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

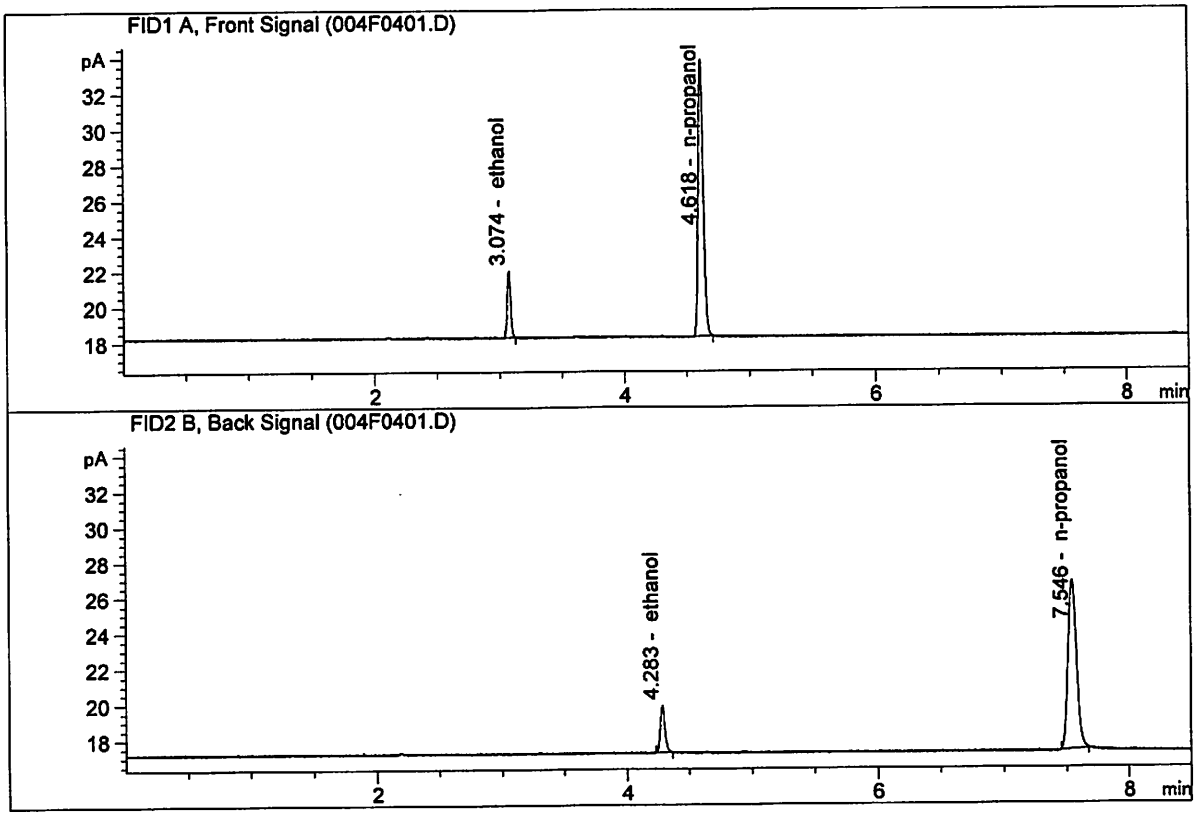
Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Jun 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.91584	0.0782	g/100cc
2.	Ethanol	Column 2:	7.10681	0.0795	g/100cc
3.	n-Propanol	Column 1:	44.20924	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.33453	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Jun 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.90572	0.0781	g/100cc
2.	Ethanol	Column 2:	7.12463	0.0795	g/100cc
3.	n-Propanol	Column 1:	44.20055	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.40970	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 05 Jun 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0821	0.0832	0.0011	0.0826	0.0830	
(g/100cc)	0.0830	0.0837	0.0007	0.0833		

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
0.083	0.078	0.088	0.005

Reported Result

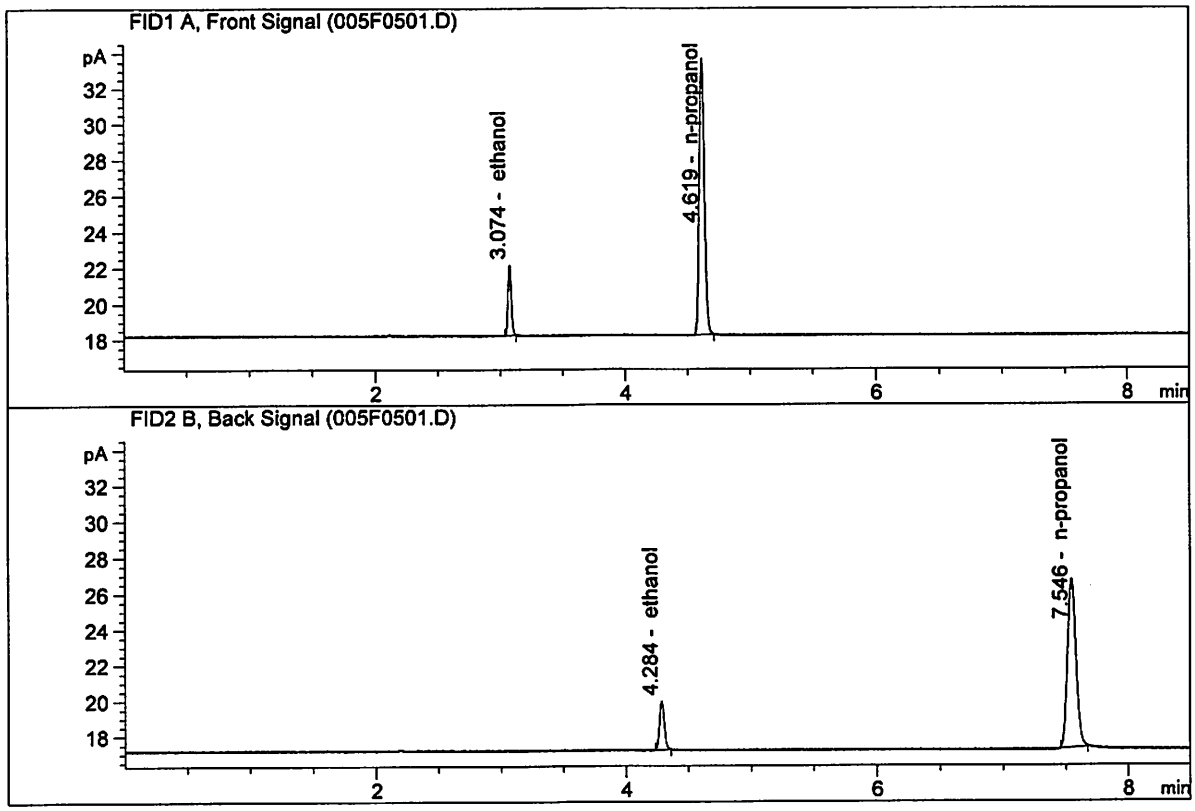
0.083

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Jun 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

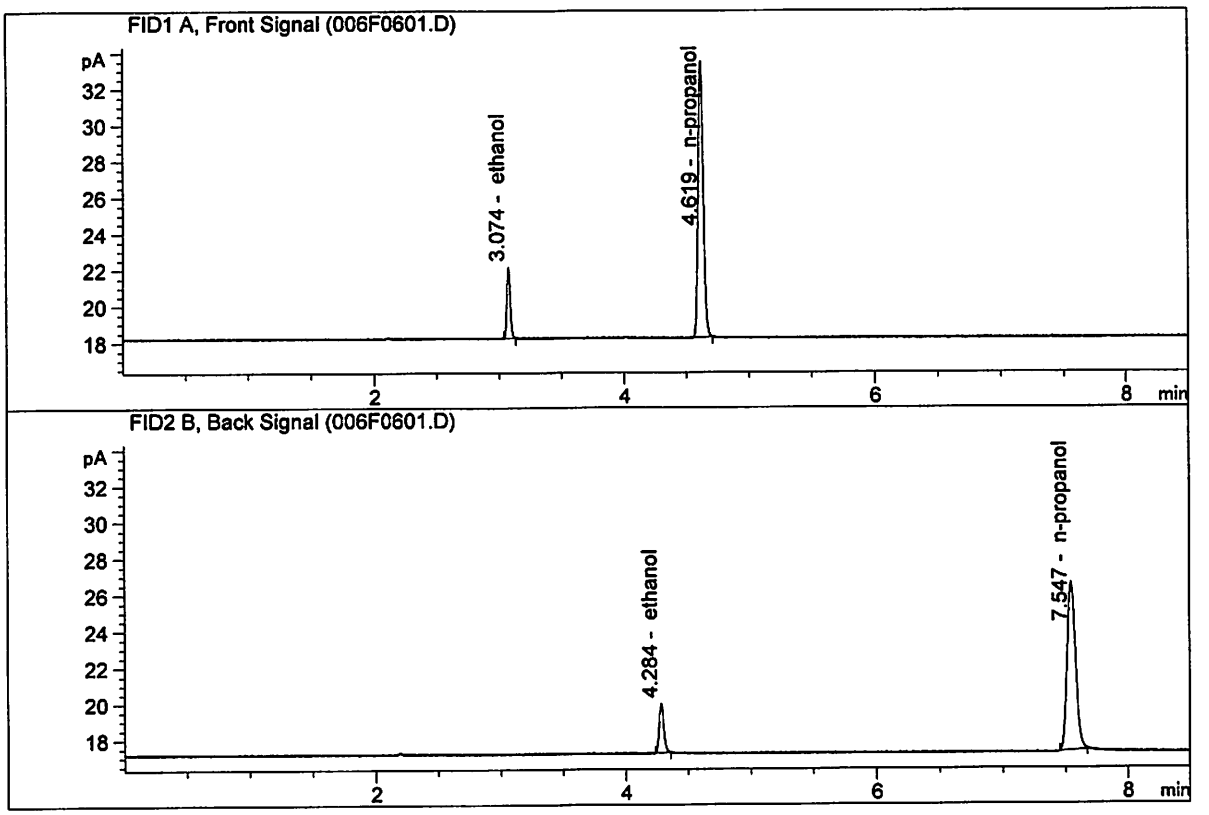


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.21459	0.0821	g/100cc
2.	Ethanol	Column 2:	7.41765	0.0832	g/100cc
3.	n-Propanol	Column 1:	43.86471	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.02802	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Jun 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.20367	0.0830	g/100cc
2.	Ethanol	Column 2:	7.34516	0.0837	g/100cc
3.	n-Propanol	Column 1:	43.31659	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.33195	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 05 Jun 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1981	0.1983	0.0002	0.1982	0.1989	
(g/100cc)	0.1996	0.1996	0.0000	0.1996		

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
0.198	0.188	0.208	0.010

Reported Result

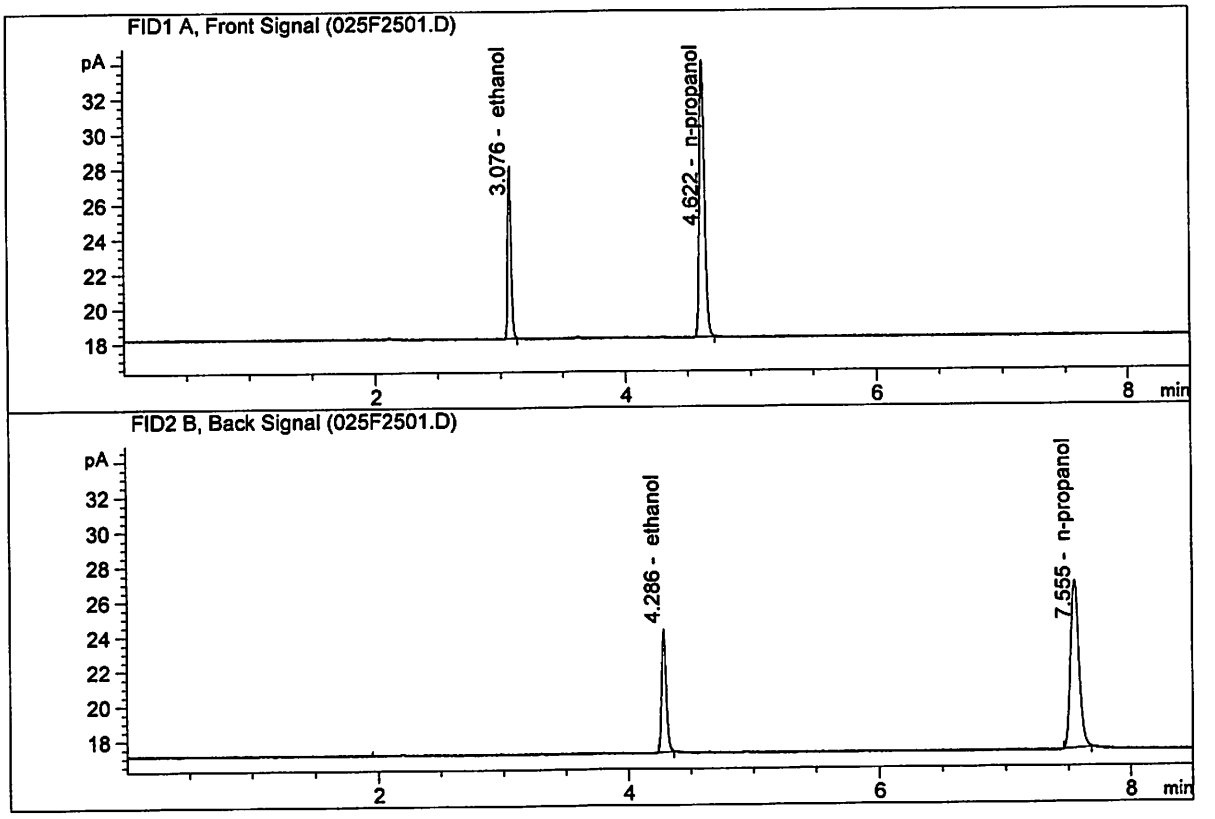
0.198

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Jun 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

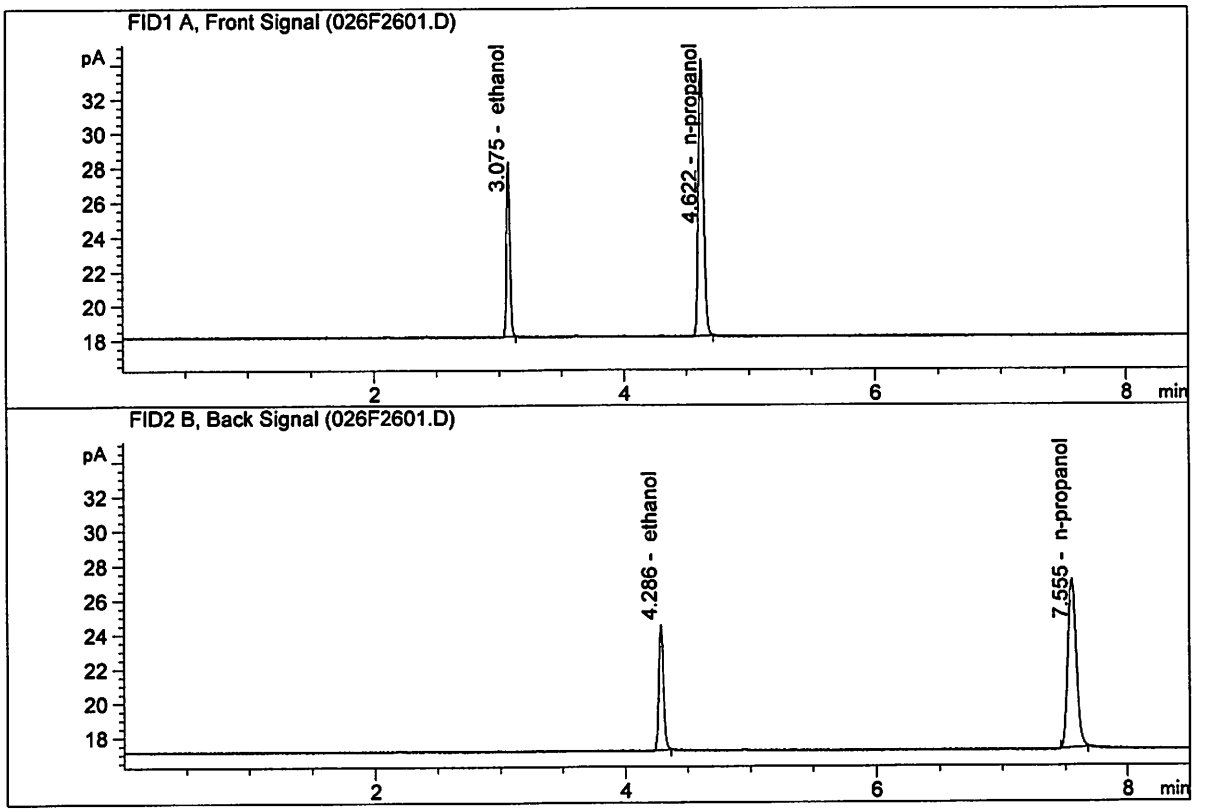


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.12670	0.1981	g/100cc
2.	Ethanol	Column 2:	18.87498	0.1983	g/100cc
3.	n-Propanol	Column 1:	45.13237	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.18926	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Jun 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.55582	0.1996	g/100cc
2.	Ethanol	Column 2:	19.35825	0.1996	g/100cc
3.	n-Propanol	Column 1:	45.85410	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.03846	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 05 Jun 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0807	0.0823	0.0016	0.0815	0.0808	
(g/100cc)	0.0795	0.0808	0.0013	0.0801		

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

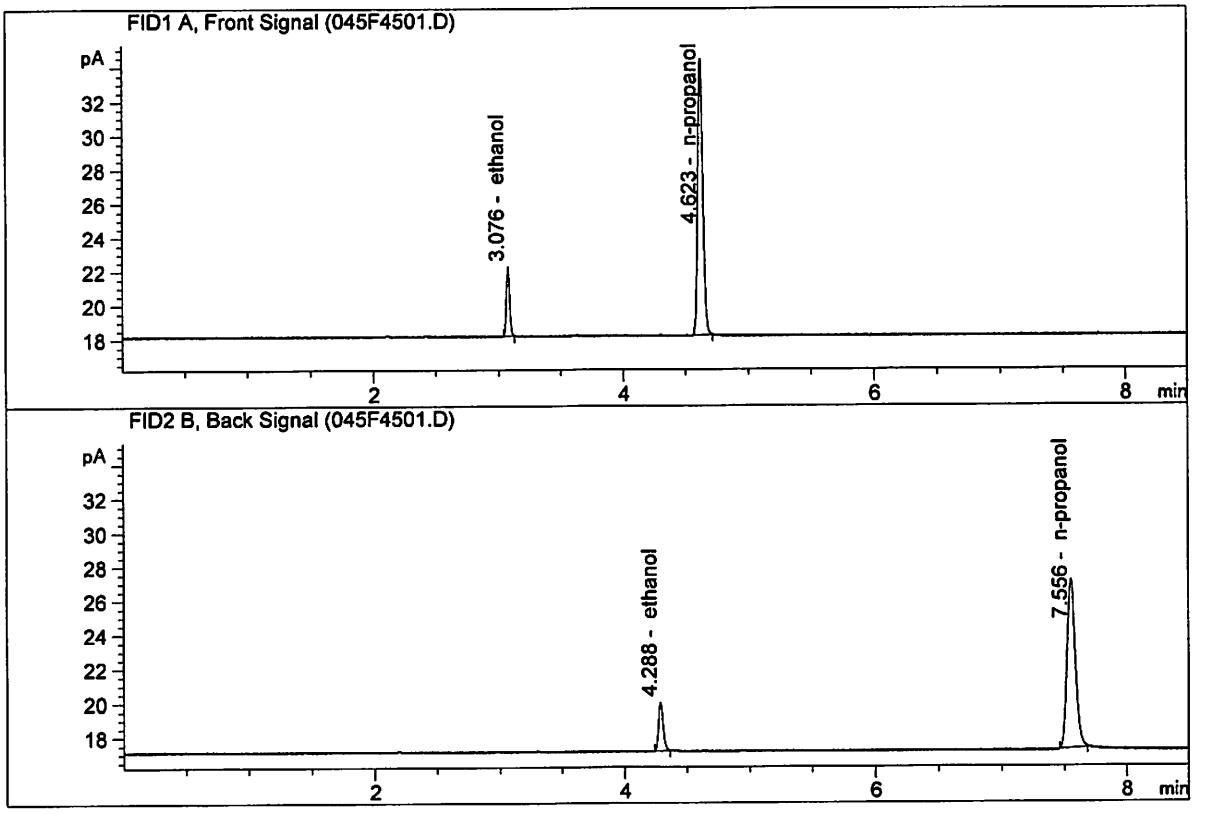
0.080

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

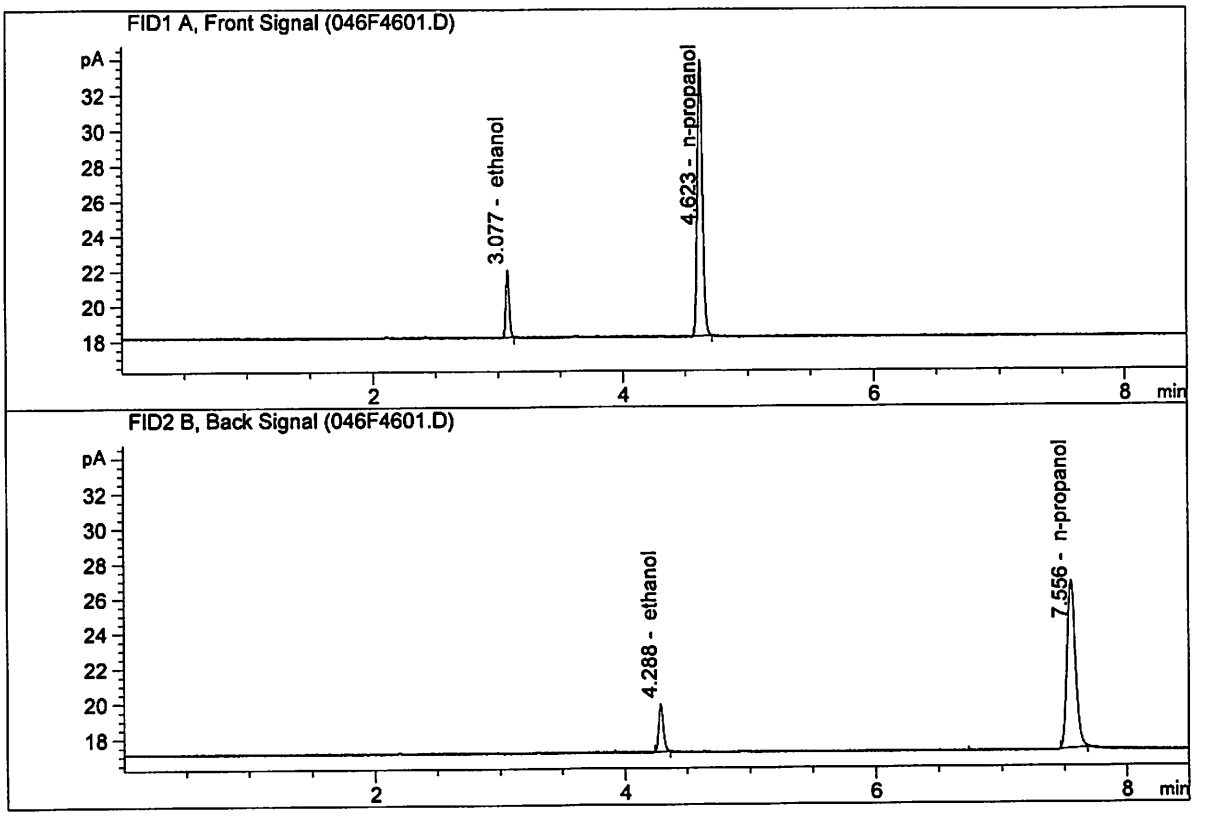
Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Jun 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.46813	0.0807	g/100cc
2.	Ethanol	Column 2:	7.70181	0.0823	g/100cc
3.	n-Propanol	Column 1:	46.21186	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.30489	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

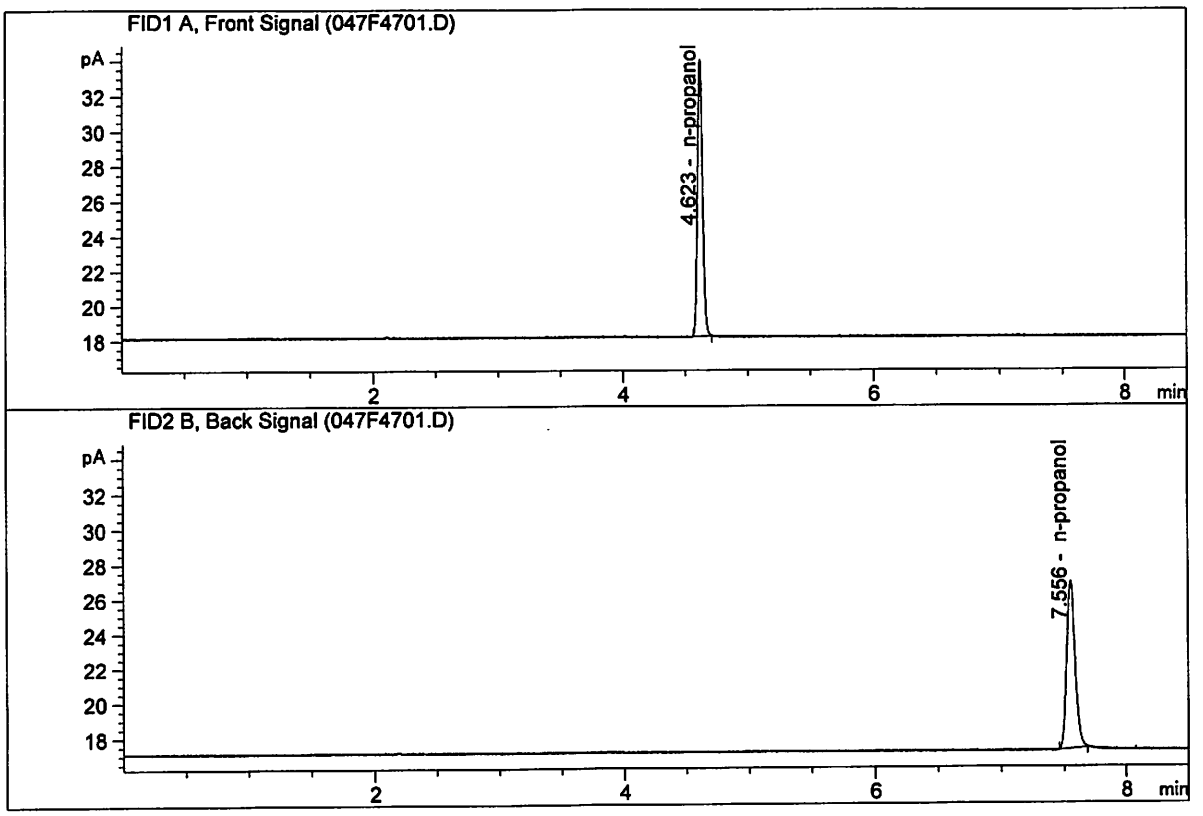
Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Jun 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.12667	0.0795	g/100cc
2.	Ethanol	Column 2:	7.32315	0.0808	g/100cc
3.	n-Propanol	Column 1:	44.79267	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.85684	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jun 5, 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:	45.09645	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.35065	1.0000	g/100cc

J6

Sample Summary

Sequence table: C:\Chem32\1\Data\06-05-18_SAMPLES\06-05-18_SAMPLES 2018-06-05 08-53-01\06-05-18_SAMPLES.S
Data directory path: C:\Chem32\1\Data\06-05-18_SAMPLES\06-05-18_SAMPLES 2018-06-05 08-53-01\
Logbook: C:\Chem32\1\Data\06-05-18_SAMPLES\06-05-18_SAMPLES 2018-06-05 08-53-01\06-05-18_SAMPLES.LOG
Sequence start: 6/5/2018 9:07:50 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\06-05-18_SAMPLES\06-05-18_SAMPLES 2018-06-05 08-53-01\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	M2018-2652-1-A	-	1.0000	007F0701.D		5
8	8	1	M2018-2652-1-B	-	1.0000	008F0801.D		4
9	9	1	M2018-2655-1-A	-	1.0000	009F0901.D		4
10	10	1	M2018-2655-1-B	-	1.0000	010F1001.D		4
11	11	1	M2018-2662-1-A	-	1.0000	011F1101.D		4
12	12	1	M2018-2662-1-B	-	1.0000	012F1201.D		4
13	13	1	M2018-2663-1-A	-	1.0000	013F1301.D		4
14	14	1	M2018-2663-1-B	-	1.0000	014F1401.D		4
15	15	1	M2018-2671-1-A	-	1.0000	015F1501.D		4
16	16	1	M2018-2671-1-B	-	1.0000	016F1601.D		4
17	17	1	M2018-2672-1-A	-	1.0000	017F1701.D		2
18	18	1	M2018-2672-1-B	-	1.0000	018F1801.D		2
19	19	1	M2018-2673-1-A	-	1.0000	019F1901.D		6
20	20	1	M2018-2673-1-B	-	1.0000	020F2001.D		6
21	21	1	M2018-2687-1-A	-	1.0000	021F2101.D		4
22	22	1	M2018-2687-1-B	-	1.0000	022F2201.D		4
23	23	1	M2018-2688-1-A	-	1.0000	023F2301.D		6
24	24	1	M2018-2688-1-B	-	1.0000	024F2401.D		6
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	M2018-2691-1-A	-	1.0000	027F2701.D		4
28	28	1	M2018-2691-1-B	-	1.0000	028F2801.D		4
29	29	1	M2018-2733-1-A	-	1.0000	029F2901.D		6
30	30	1	M2018-2733-1-B	-	1.0000	030F3001.D		6
31	31	1	M2018-2734-1-A	-	1.0000	031F3101.D		4
32	32	1	M2018-2734-1-B	-	1.0000	032F3201.D		4
33	33	1	M2018-2750-1-A	-	1.0000	033F3301.D		6
34	34	1	M2018-2750-1-B	-	1.0000	034F3401.D		6
35	35	1	M2018-2751-1-A	-	1.0000	035F3501.D		4
36	36	1	M2018-2751-1-B	-	1.0000	036F3601.D		4
37	37	1	M2018-2752-1-A	-	1.0000	037F3701.D		4
38	38	1	M2018-2752-1-B	-	1.0000	038F3801.D		4
39	39	1	P2018-1477-1-A	-	1.0000	039F3901.D		3
40	40	1	P2018-1477-1-B	-	1.0000	040F4001.D		3
41	41	1	P2018-1490-1-A	-	1.0000	041F4101.D		2
42	42	1	P2018-1490-1-B	-	1.0000	042F4201.D		2
43	43	1	P2018-1522-1-A	-	1.0000	043F4301.D		2

JG

Sequence File C:\Chem32\...8_SAMPLES\06-05-18_SAMPLES 2018-06-05 08-53-01\06-05-18_SAMPLES.S

Run #	Location #	Inj	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	P2018-1522-1-B	-	1.0000	044F4401.D	2
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\06-05-18_SAMPLES\06-05-18_SAMPLES 2018-06-05 08-53-01\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

JG