AB

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls **Run Date(s): 8/26/20-8/27/20**

Calibration Date(s): 8/19/20

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0724 g/100cc
					0.0742 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1990 g/100cc
					0.2014 g/100cc
					g/100cc

Multi-Component mixture:		**Lot #**	FN06041502		ok
Curve Fit:	**Column 1**	0.99999	**Column2**		0.99990

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0506	0.0522	0.0016	0.0514
100	0.100	0.090 - 0.110	0.1005	0.1008	0.0003	0.1006
200	0.200	0.180 - 0.220	0.1991	0.1977	0.0014	0.1984
300	0.300	0.270 - 0.330	0.2992	0.2969	0.0023	0.2980
400	0.400	0.360 - 0.440	N/A	N/A	########	#DIV/0!
500	0.500	0.450 - 0.550	0.5007	0.5024	0.0017	0.5015

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.080 g/100cc

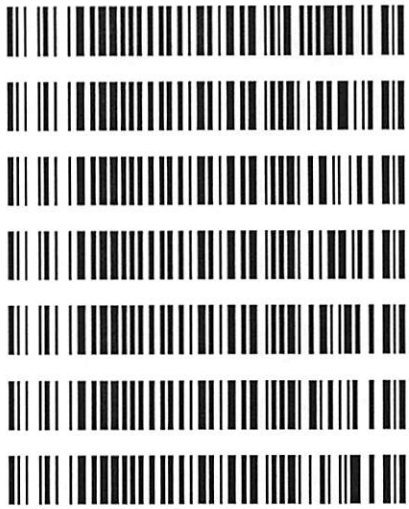
VC

Worklist: 4488

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2020-2941	2	BCK	Alcohol Analysis
M2020-3210	1	BCK	Alcohol Analysis
M2020-3210	2	BCK	Alcohol Analysis
M2020-3246	1	BCK	Alcohol Analysis
M2020-3249	1	BCK	Alcohol Analysis
M2020-3250	1	BCK	Alcohol Analysis
M2020-3259	1	BCK	Alcohol Analysis
M2020-3260	1	BCK	Alcohol Analysis
M2020-3267	1	BCK	Alcohol Analysis
M2020-3275	1	BCK	Alcohol Analysis
M2020-3317	1	BCK	Alcohol Analysis
P2020-2420	1	BCK	Alcohol Analysis
P2020-2426	1	BCK	Alcohol Analysis
P2020-2427	1	BCK	Alcohol Analysis
P2020-2428	1	BCK	Alcohol Analysis
P2020-2432	1	BCK	Alcohol Analysis
P2020-2445	1	BCK	Alcohol Analysis
P2020-2485	1	BCK	Alcohol Analysis
P2020-2485	2	BCK	Alcohol Analysis
P2020-2490	1	BCK	Alcohol Analysis
P2020-2492	1	BCK	Alcohol Analysis

Worklist: 4488

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2020-2493	1	BCK	Alcohol Analysis
P2020-2528	1	BCK	Alcohol Analysis
P2020-2529	1	BCK	Alcohol Analysis
P2020-2530	1	BCK	Alcohol Analysis
P2020-2531	1	BCK	Alcohol Analysis
P2020-2532	1	BCK	Alcohol Analysis
P2020-2535	1	BCK	Alcohol Analysis



JC

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, August 19, 2020 12:49:14 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	4.44405	1.12510e-2	No	No	1	ethanol
		2	1.00000e-1	8.84868	1.13011e-2				
		3	2.00000e-1	17.83599	1.12133e-2				
		4	3.00000e-1	26.80709	1.11911e-2				
		5	5.00000e-1	44.59835	1.12112e-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	4.55326	1.09811e-2	No	No	2	ethanol
		2	1.00000e-1	9.12636	1.09573e-2				
		3	2.00000e-1	18.59797	1.07539e-2				
		4	3.00000e-1	28.14695	1.06583e-2				
		5	5.00000e-1	47.24274	1.05836e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	42.00491	2.38067e-2	No	Yes	1	n-propanol
		2	1.00000	41.65570	2.40063e-2				
		3	1.00000	42.14458	2.37278e-2				
		4	1.00000	42.07618	2.37664e-2				
		5	1.00000	41.76298	2.39447e-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	43.59089	2.29406e-2	No	Yes	2	n-propanol
		2	1.00000	42.91673	2.33009e-2				
		3	1.00000	43.38425	2.30498e-2				
		4	1.00000	43.32682	2.30804e-2				
		5	1.00000	42.65530	2.34437e-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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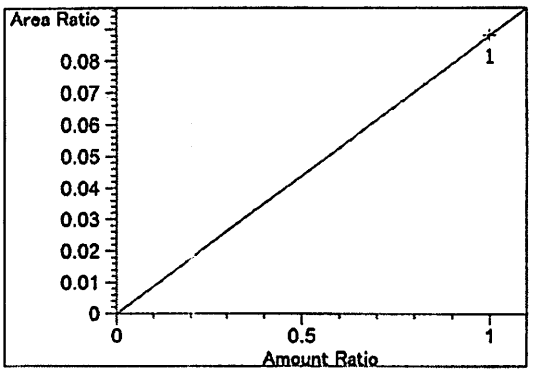
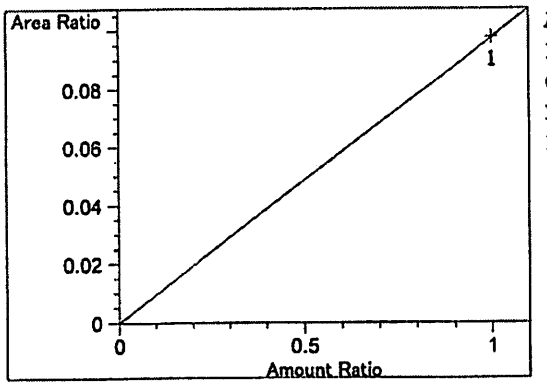
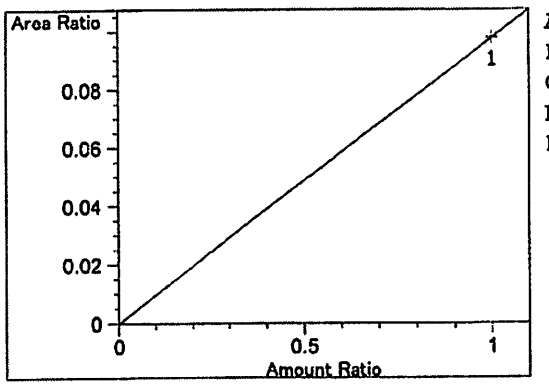


methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.80062e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

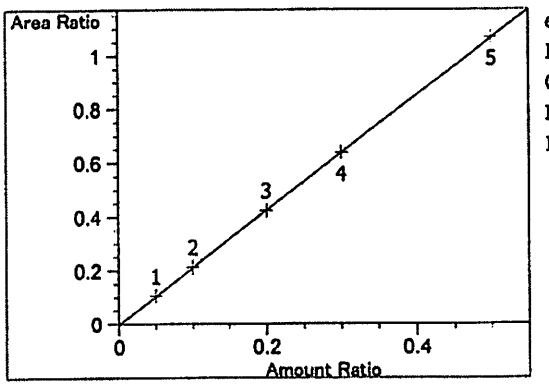
JC



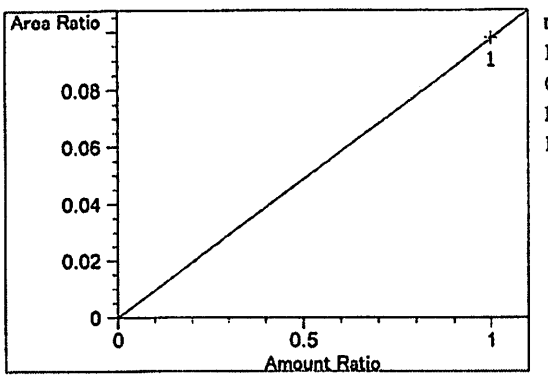
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.77498e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.77498e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00199
Formula: y = mx + b
m: 2.13729
b: -2.29045e-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: 9.77412e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

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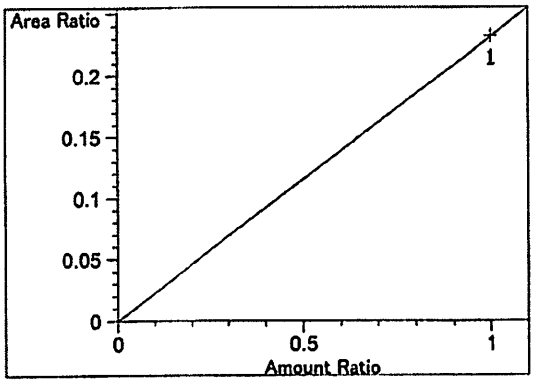
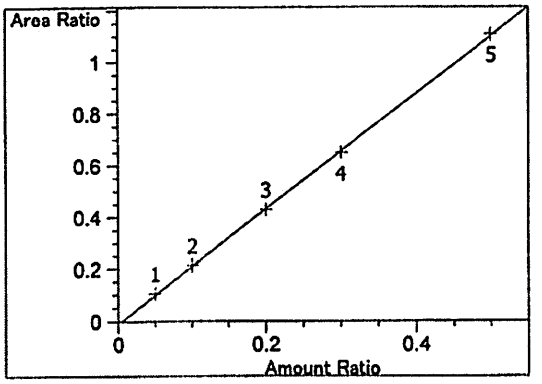
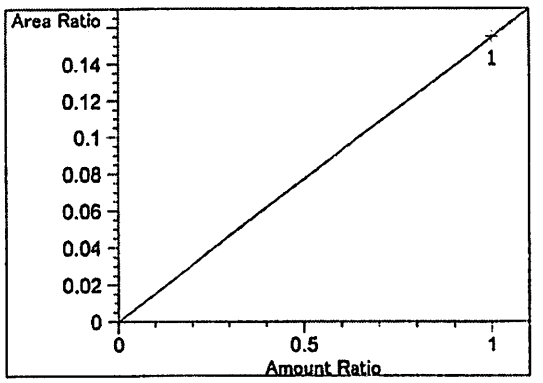


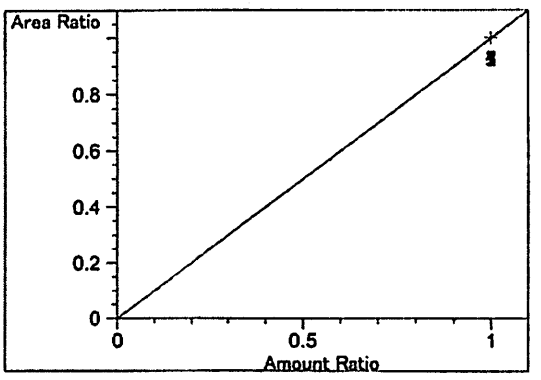
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.31653e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99990
Residual Std. Dev.: 0.00657
Formula: y = mx + b
m: 2.22817
b: -1.18834e-2
x: Amount Ratio
y: Area Ratio

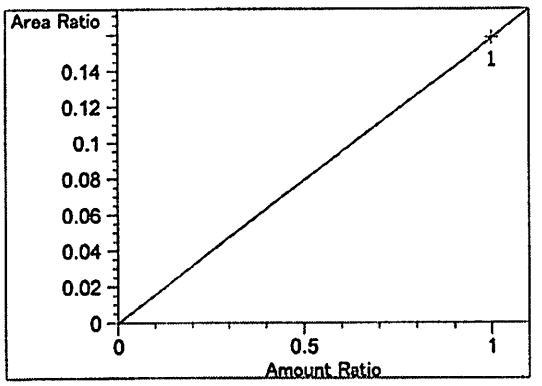


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.54730e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

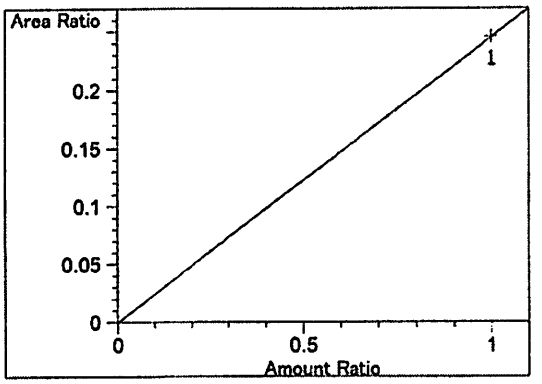


n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

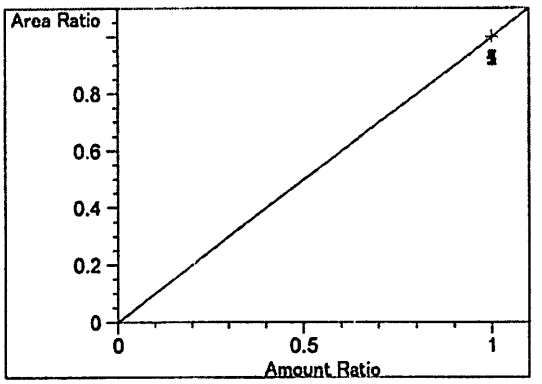
JC



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.58130e-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: 2.45611e-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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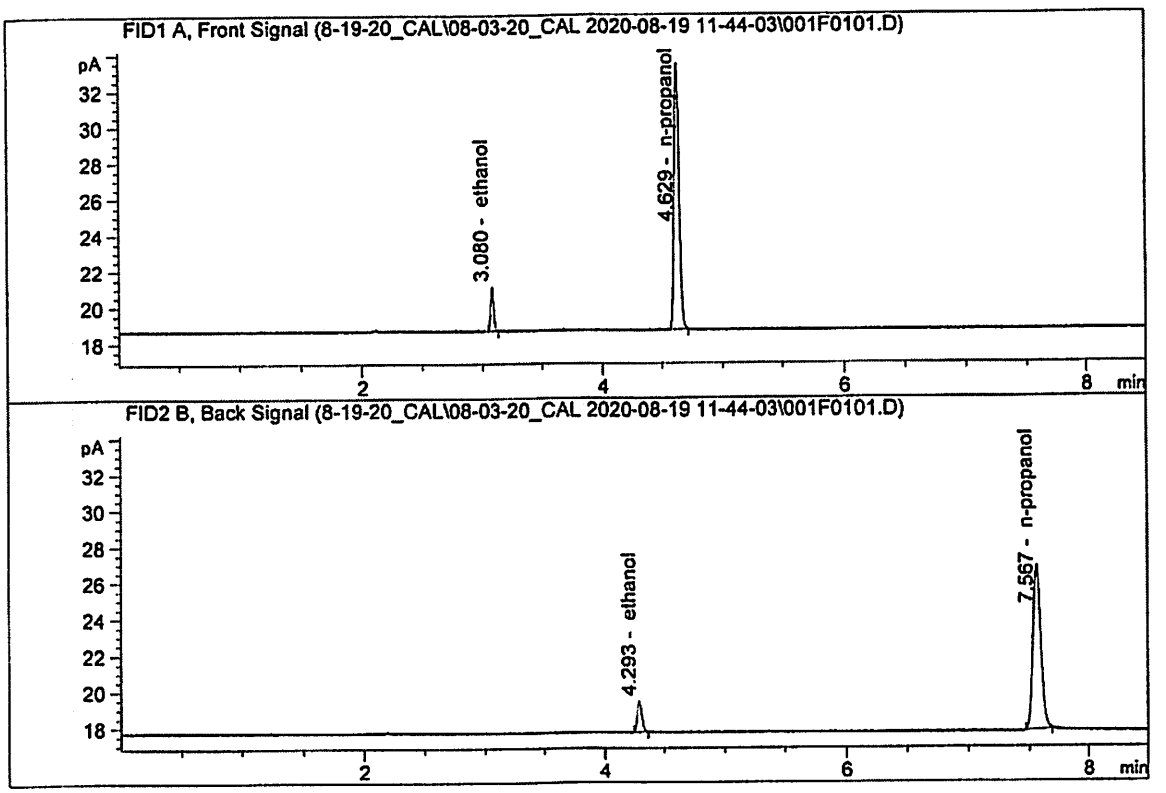
JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN05211804
Laboratory : Meridian
Injection Date : Aug 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.44405	0.0506	g/100cc
2.	Ethanol	Column 2:	4.55326	0.0522	g/100cc
3.	n-Propanol	Column 1:	42.00491	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.59089	1.0000	g/100cc

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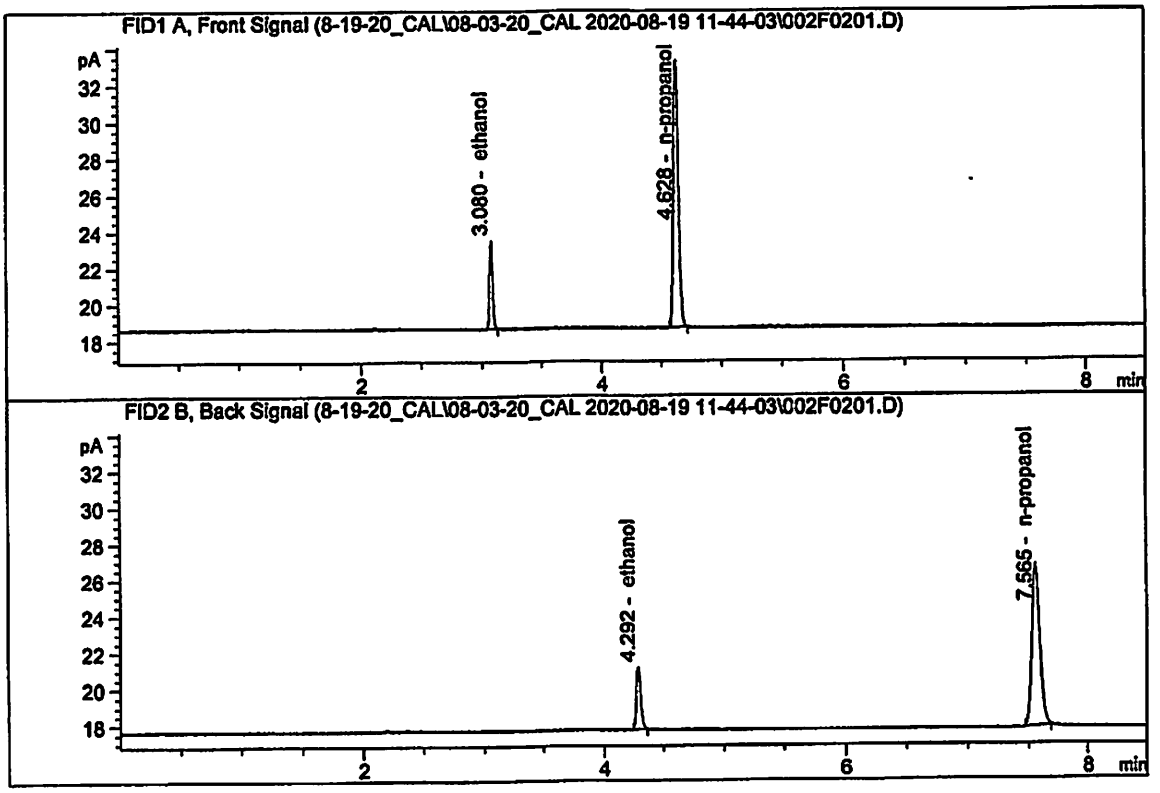
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN02271802
Laboratory : Meridian
Injection Date : Aug 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

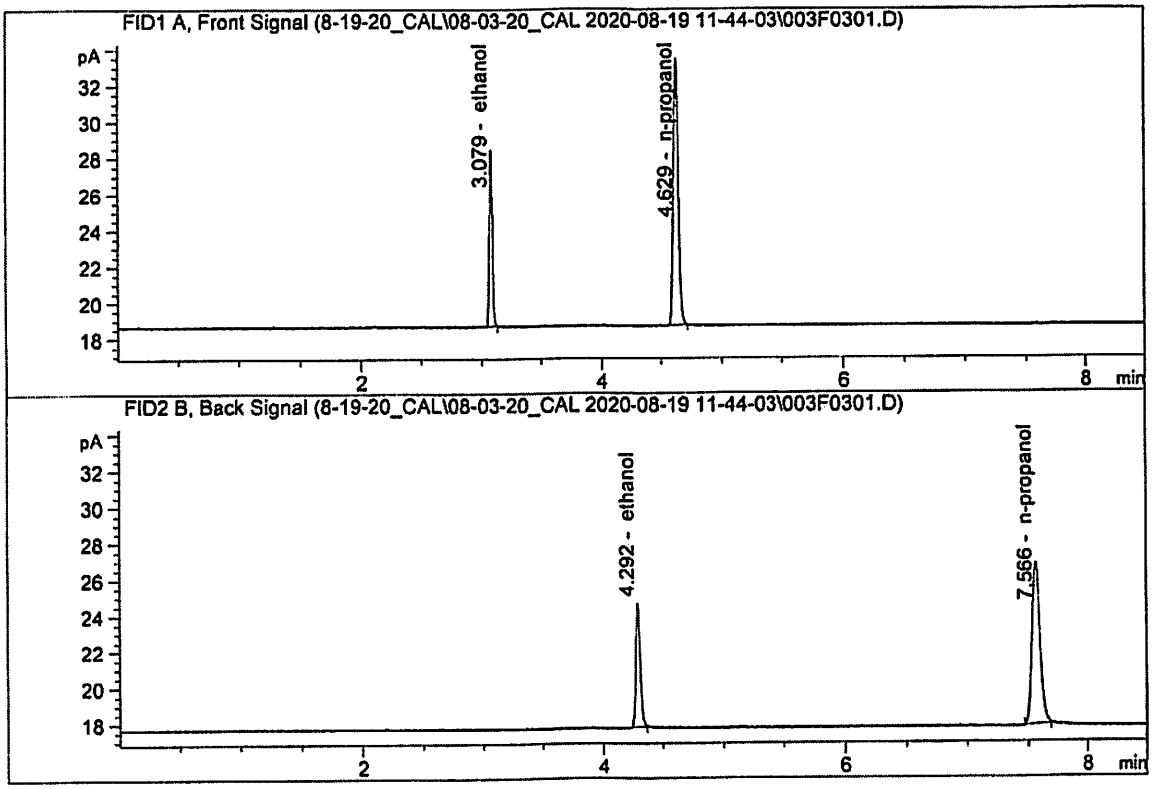


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.84868	0.1005	g/100cc
2.	Ethanol	Column 2:	9.12636	0.1008	g/100cc
3.	n-Propanol	Column 1:	41.65570	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.91673	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN06231704
Laboratory : Meridian
Injection Date : Aug 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.83599	0.1991	g/100cc
2.	Ethanol	Column 2:	18.59797	0.1977	g/100cc
3.	n-Propanol	Column 1:	42.14458	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.38425	1.0000	g/100cc

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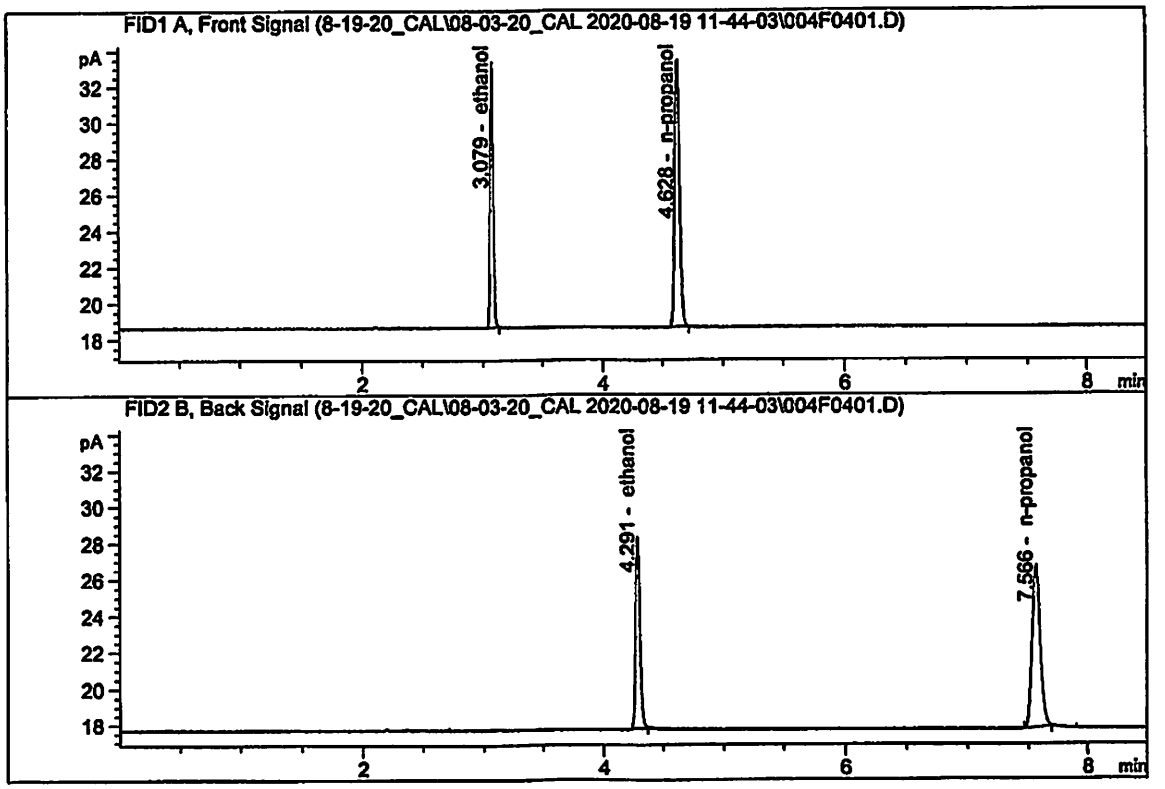
ISP Forensic Services Blood Alcohol Report

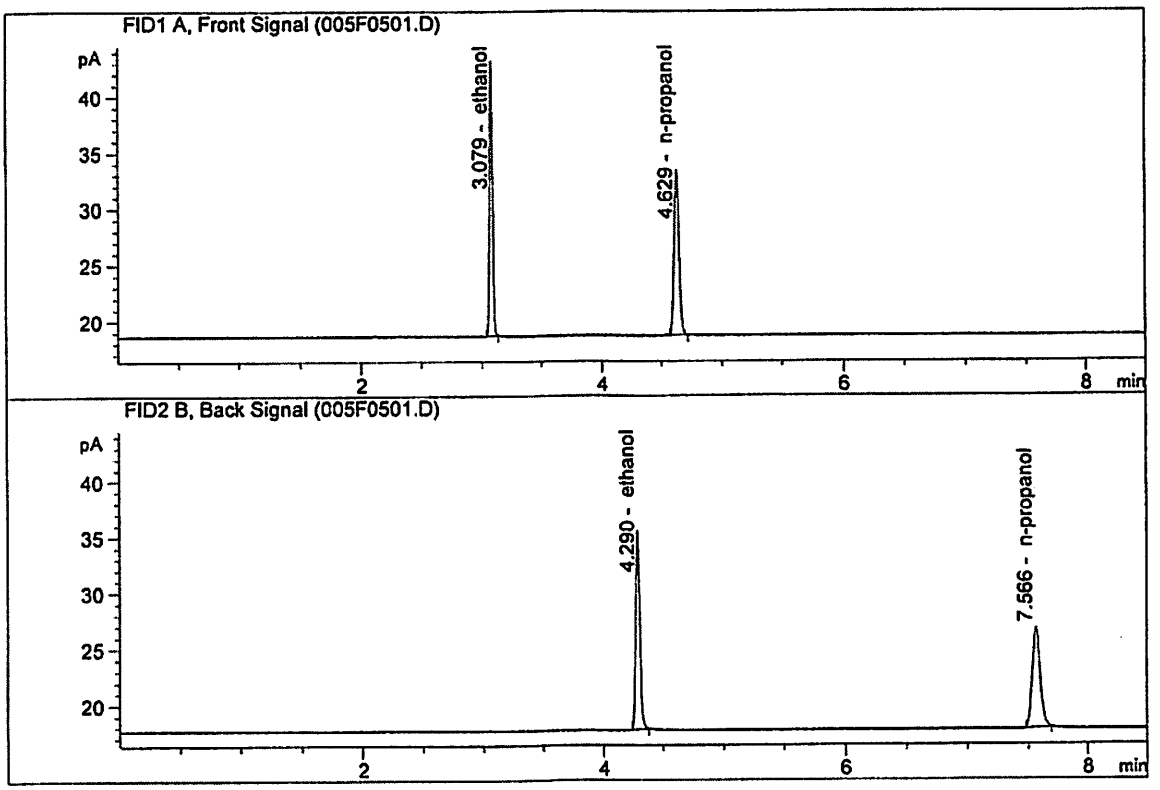
Sample Name : 0.300 FN07311804
Laboratory : Meridian
Injection Date : Aug 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.80709	0.2992	g/100cc
2.	Ethanol	Column 2:	28.14695	0.2969	g/100cc
3.	n-Propanol	Column 1:	42.07618	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.32682	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08241801
Laboratory : Meridian
Injection Date : Aug 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.59835	0.5007	g/100cc
2.	Ethanol	Column 2:	47.24274	0.5024	g/100cc
3.	n-Propanol	Column 1:	41.76298	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.65530	1.0000	g/100cc

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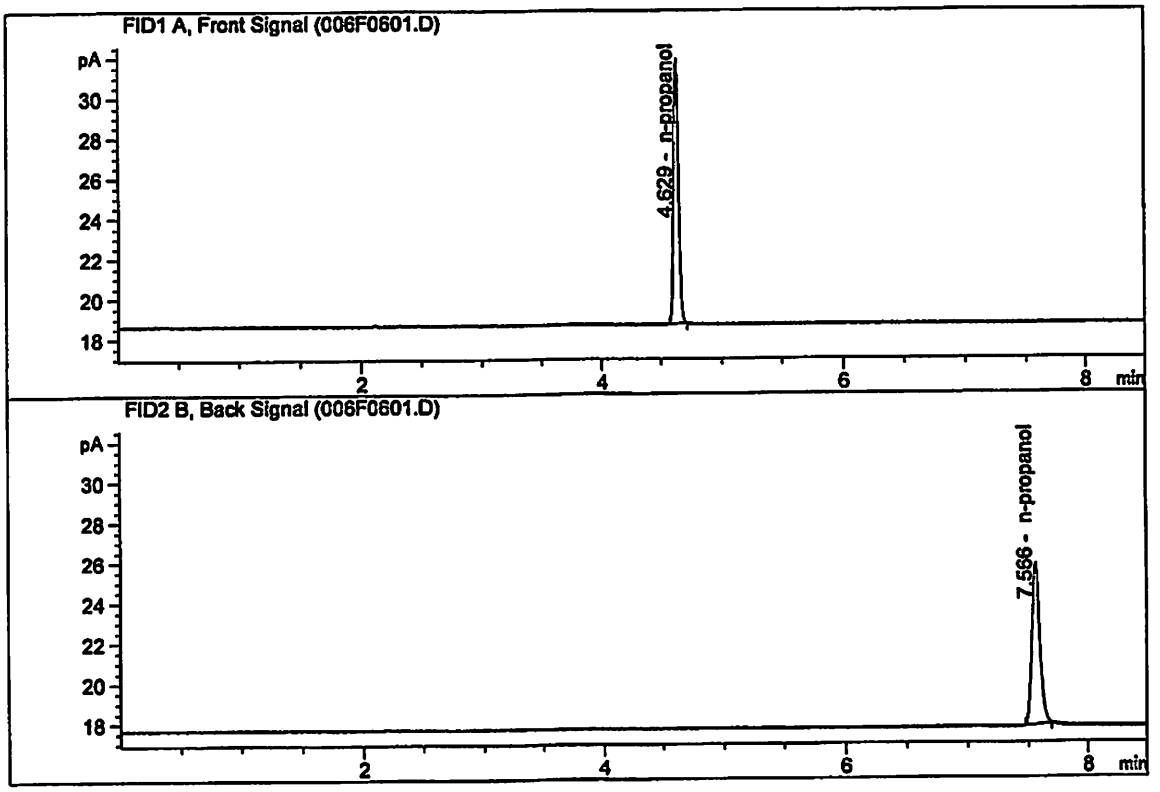
ISP Forensic Services Blood Alcohol Report

Sample Name	:	INTERNAL STANDARD BLANK
Laboratory	:	Meridian
Injection Date	:	Aug 19, 2020
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:	37.65665	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.49749	1.0000	g/100cc

JG

Sequence File C:\Chem32\1\Data\8-19-20_CAL\08-03-20_CAL 2020-08-19 11-44-03\08-03-20_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\8-19-20_CAL\08-03-20_CAL 2020-08-19 11-44-03\08-03-20_CA .S
Data directory path: C:\Chem32\1\Data\8-19-20_CAL\08-03-20_CAL 2020-08-19 11-44-03\
Logbook: C:\Chem32\1\Data\8-19-20_CAL\08-03-20_CAL 2020-08-19 11-44-03\08-03-20_CA .LOG
Sequence start: 8/19/2020 11:58:41 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

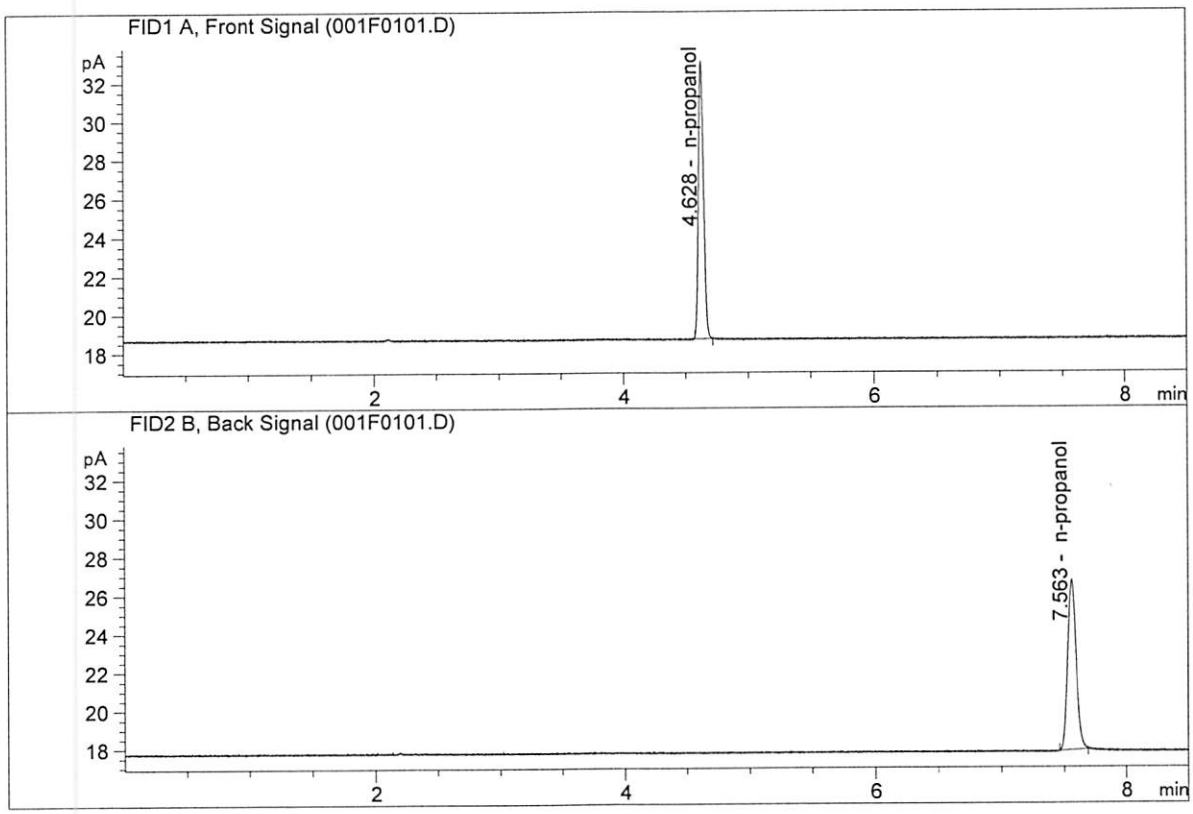
Method file name: C:\Chem32\1\Data\8-19-20_CAL\08-03-20_CAL 2020-08-19 11-44-03\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.050 FN05211804	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN02271802	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN06231704	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN07311804	-	1.0000	004F0401.D	*	4
5	5	1	0.500 FN08241801	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Aug 26, 2020
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:	40.93201	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.63883	1.0000	g/100cc

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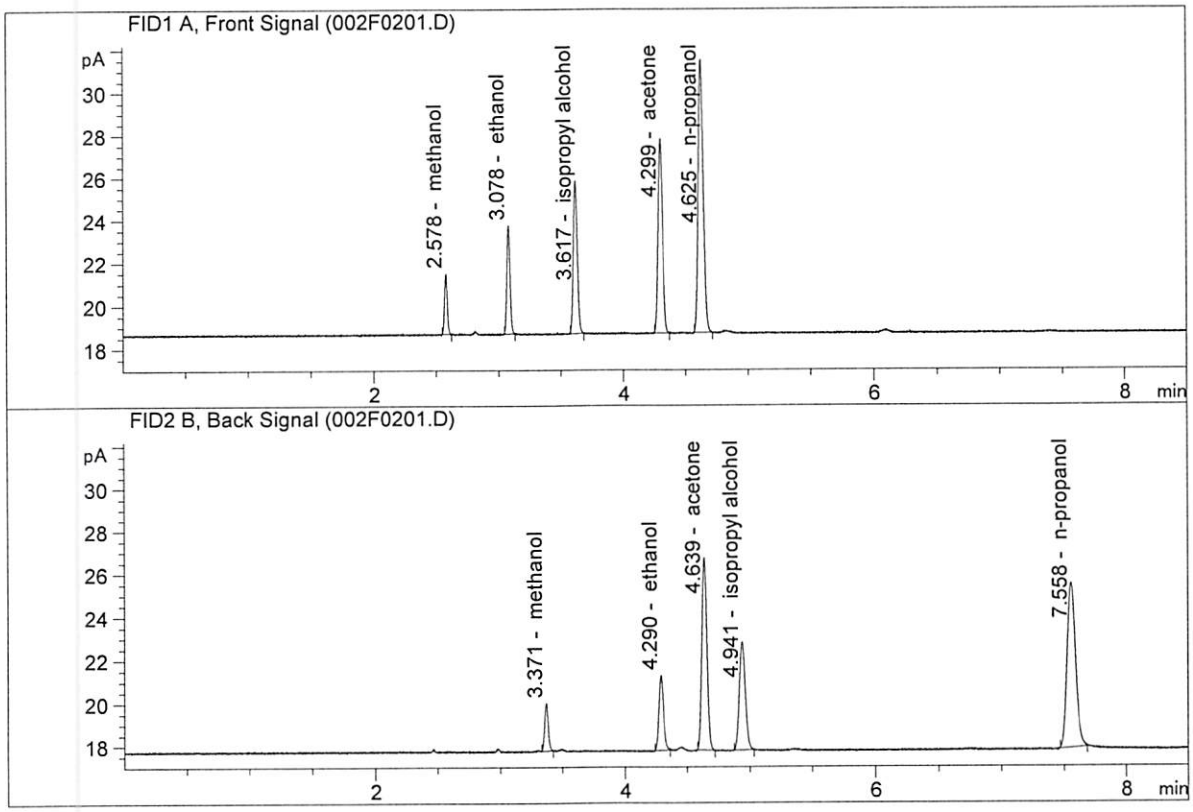
ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : Aug 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.93995	0.1175	g/100cc
2.	Ethanol	Column 2:	9.23541	0.1181	g/100cc
3.	n-Propanol	Column 1:	35.94152	1.0000	g/100cc
4.	n-Propanol	Column 2:	36.74467	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 26 Aug 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0718	0.0730	0.0012	0.0724	0.0001	0.0724
(g/100cc)	0.0720	0.0730	0.0010	0.0725		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.072	0.068	0.076	0.004

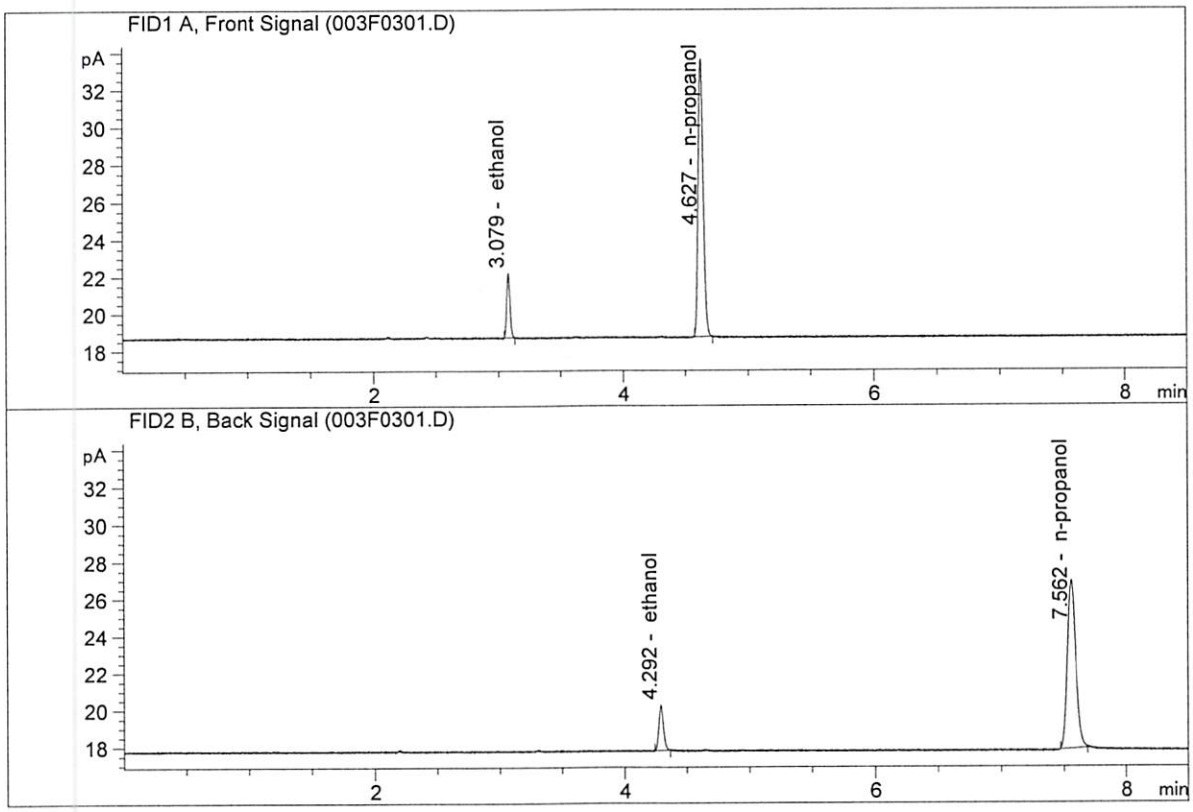
	Reported Result	
	0.072	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Aug 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

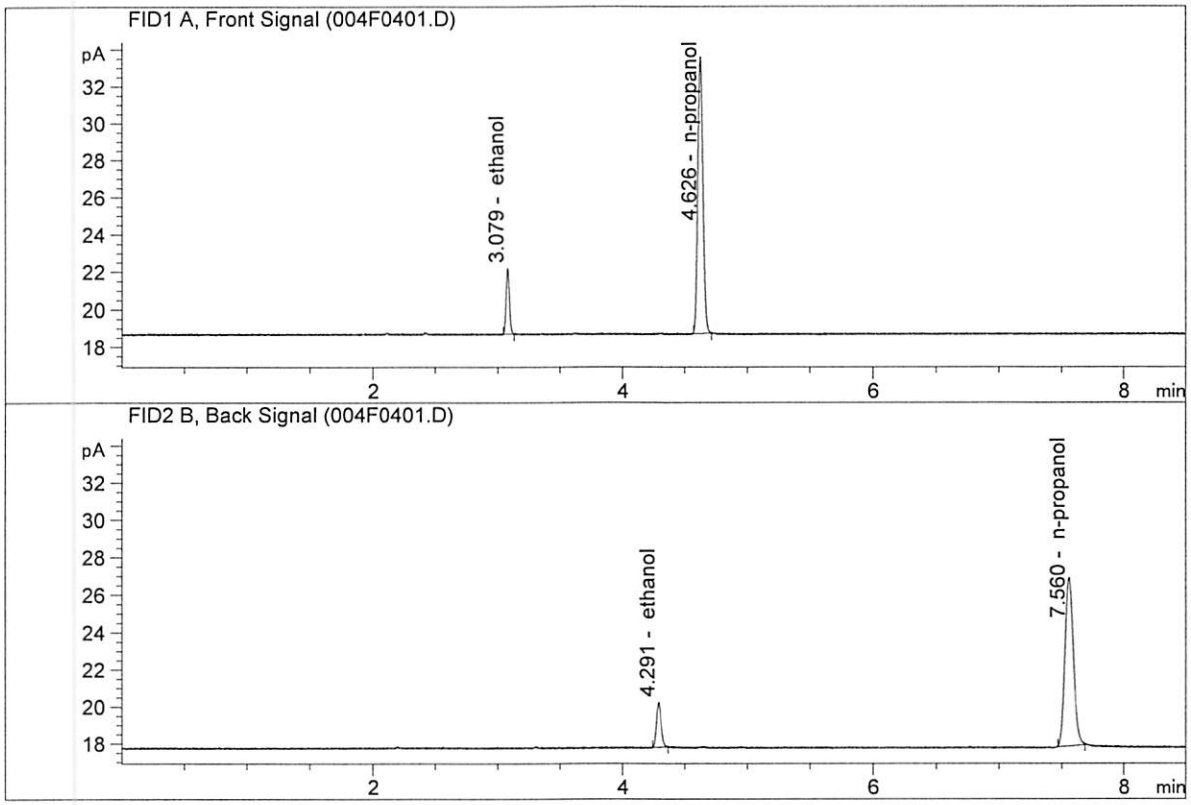


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.41352	0.0718	g/100cc
2.	Ethanol	Column 2:	6.57811	0.0730	g/100cc
3.	n-Propanol	Column 1:	42.41270	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.60251	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Aug 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.42747	0.0720	g/100cc
2.	Ethanol	Column 2:	6.57688	0.0730	g/100cc
3.	n-Propanol	Column 1:	42.37066	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.59873	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 26 Aug 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0803	0.0810	0.0007	0.0806	0.0005	0.0808
(g/100cc)	0.0804	0.0818	0.0014	0.0811		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

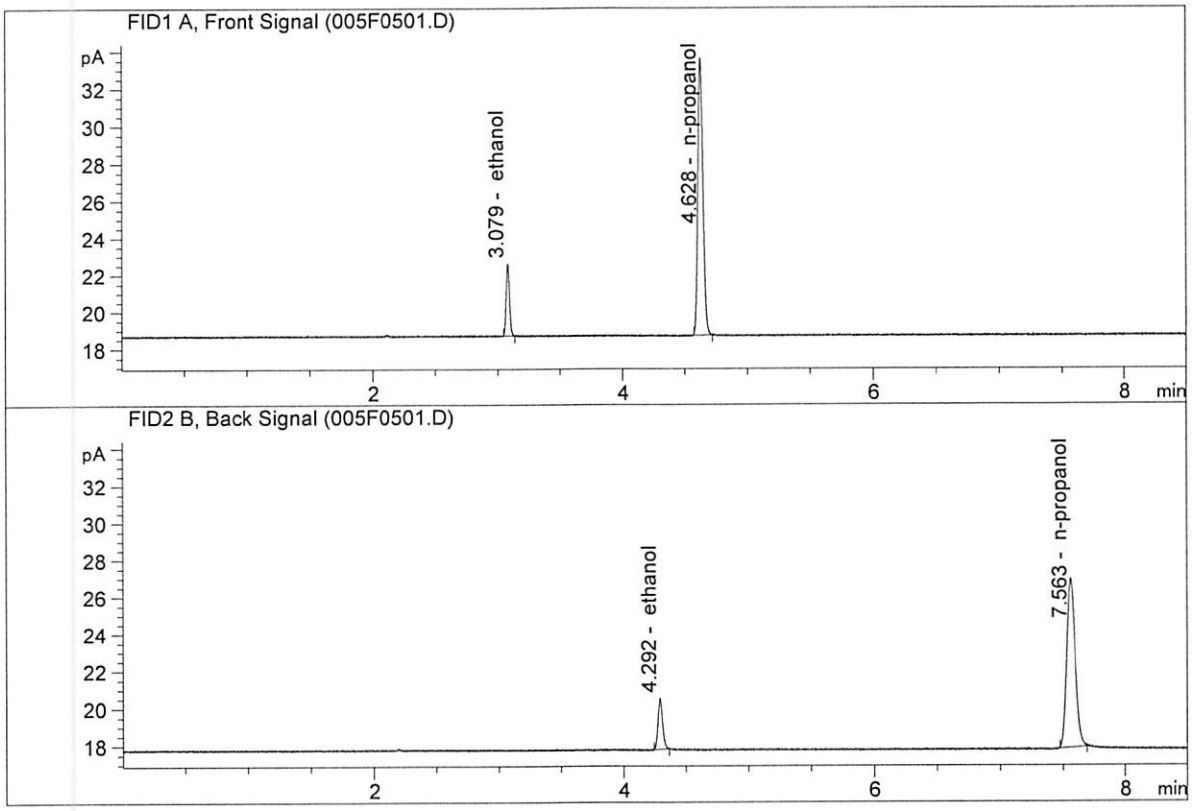
	Reported Result	
	0.080	

Calibration and control data are stored centrally.

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Aug 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

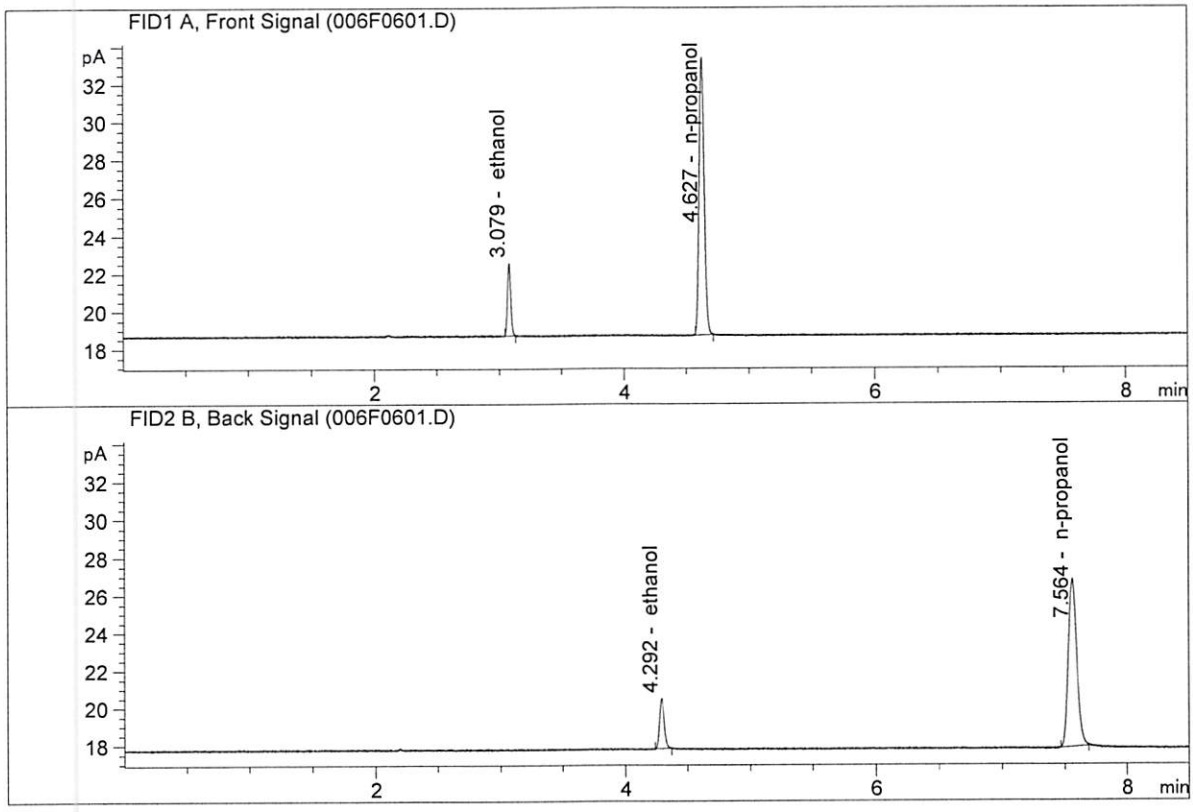


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.18971	0.0803	g/100cc
2.	Ethanol	Column 2:	7.35922	0.0810	g/100cc
3.	n-Propanol	Column 1:	42.47030	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.62695	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Aug 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.07699	0.0804	g/100cc
2.	Ethanol	Column 2:	7.31046	0.0818	g/100cc
3.	n-Propanol	Column 1:	41.75737	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.91155	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 26 Aug 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1989	0.1985	0.0004	0.1987	0.0007	0.1990
(g/100cc)	0.1994	0.1995	0.0001	0.1994		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

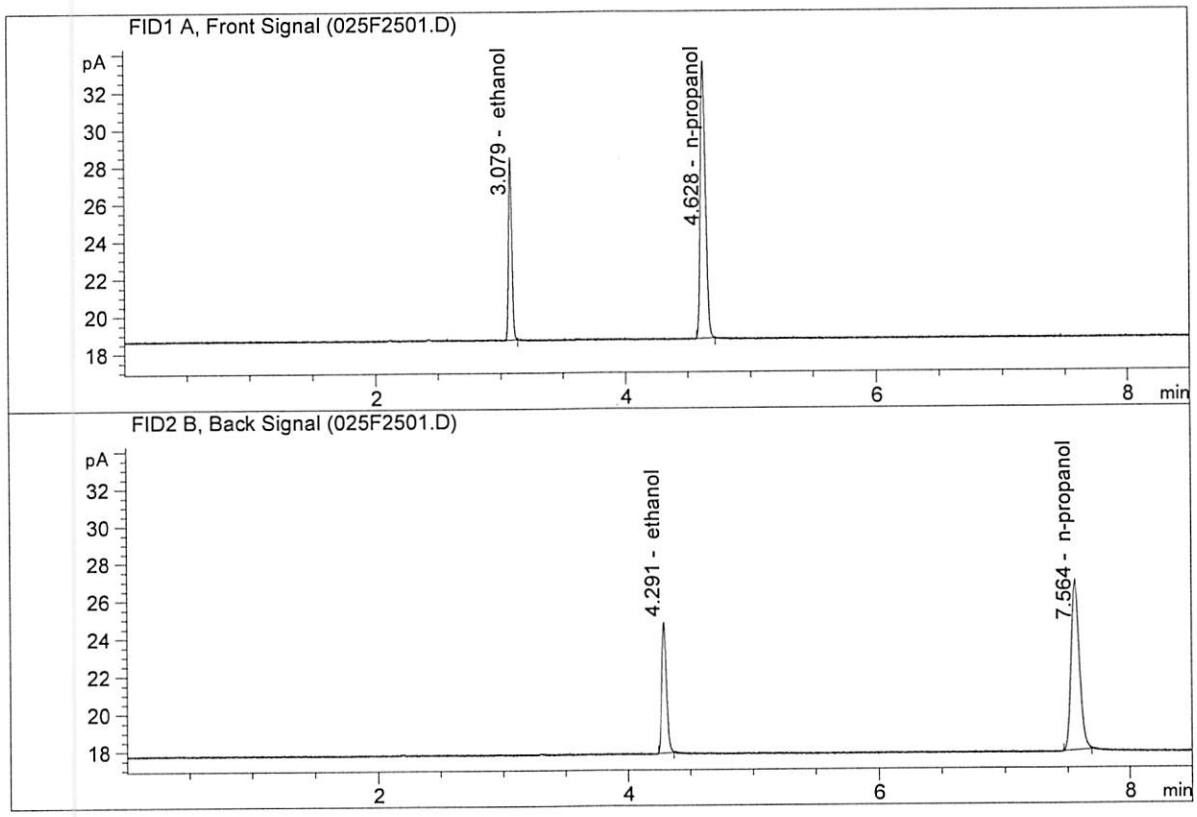
	Reported Result	
	0.199	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Aug 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

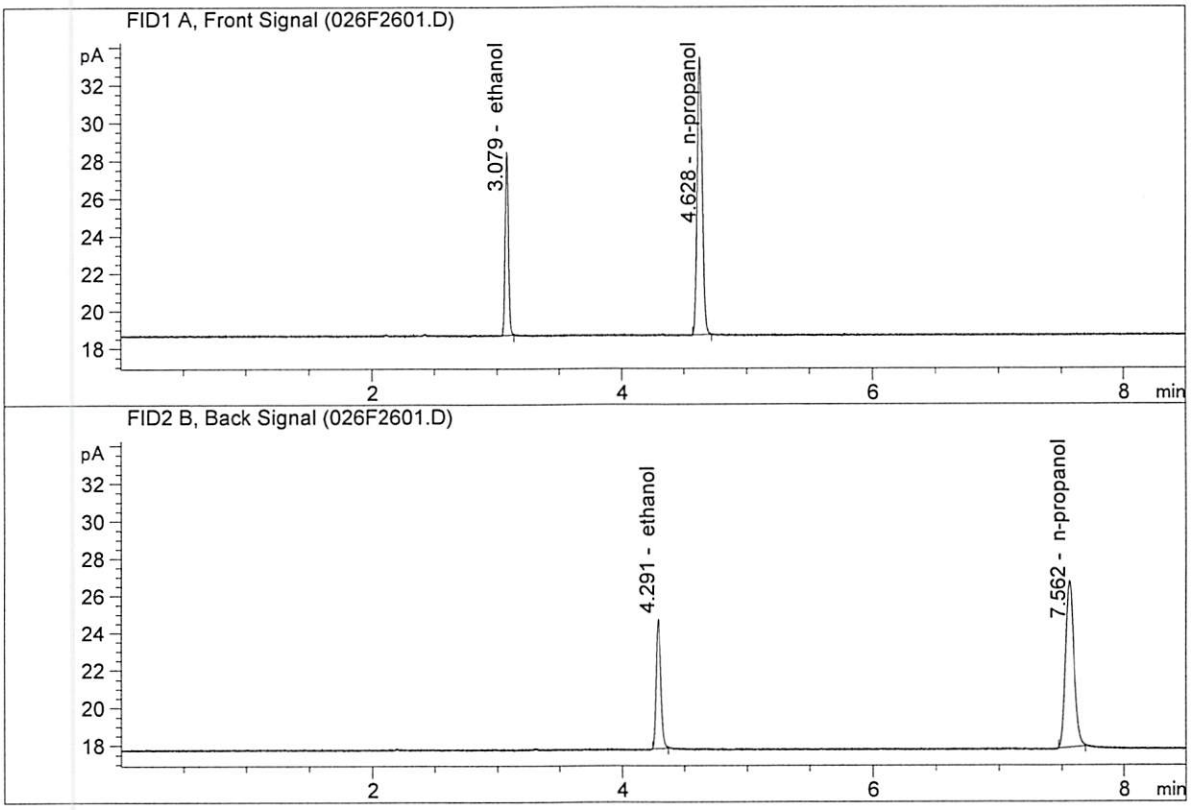


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.82455	0.1989	g/100cc
2.	Ethanol	Column 2:	18.51431	0.1985	g/100cc
3.	n-Propanol	Column 1:	42.15033	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.02129	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Aug 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.78967	0.1994	g/100cc
2.	Ethanol	Column 2:	18.47530	0.1995	g/100cc
3.	n-Propanol	Column 1:	41.97670	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.70055	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 26 Aug 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0736	0.0752	0.0016	0.0744	0.0003	0.0742
(g/100cc)	0.0734	0.0748	0.0014	0.0741		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.074	0.070	0.078	0.004

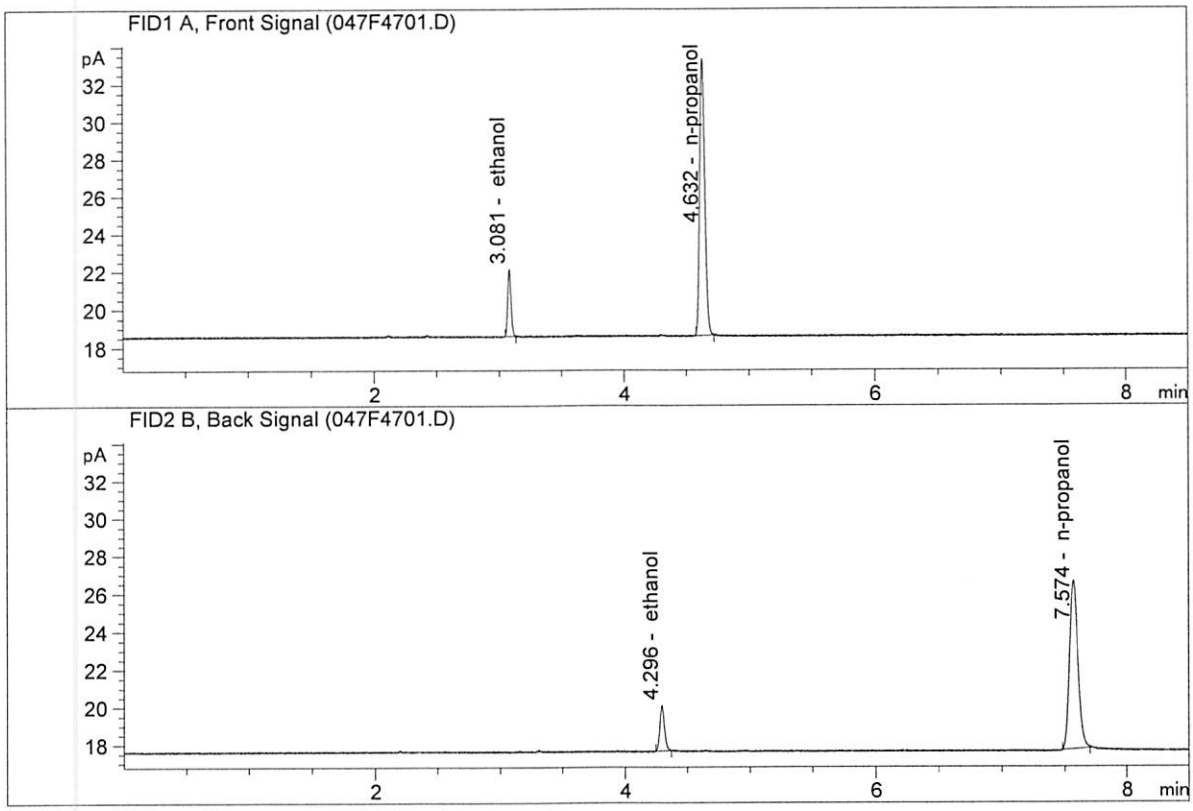
Reported Result
0.074

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Aug 26, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

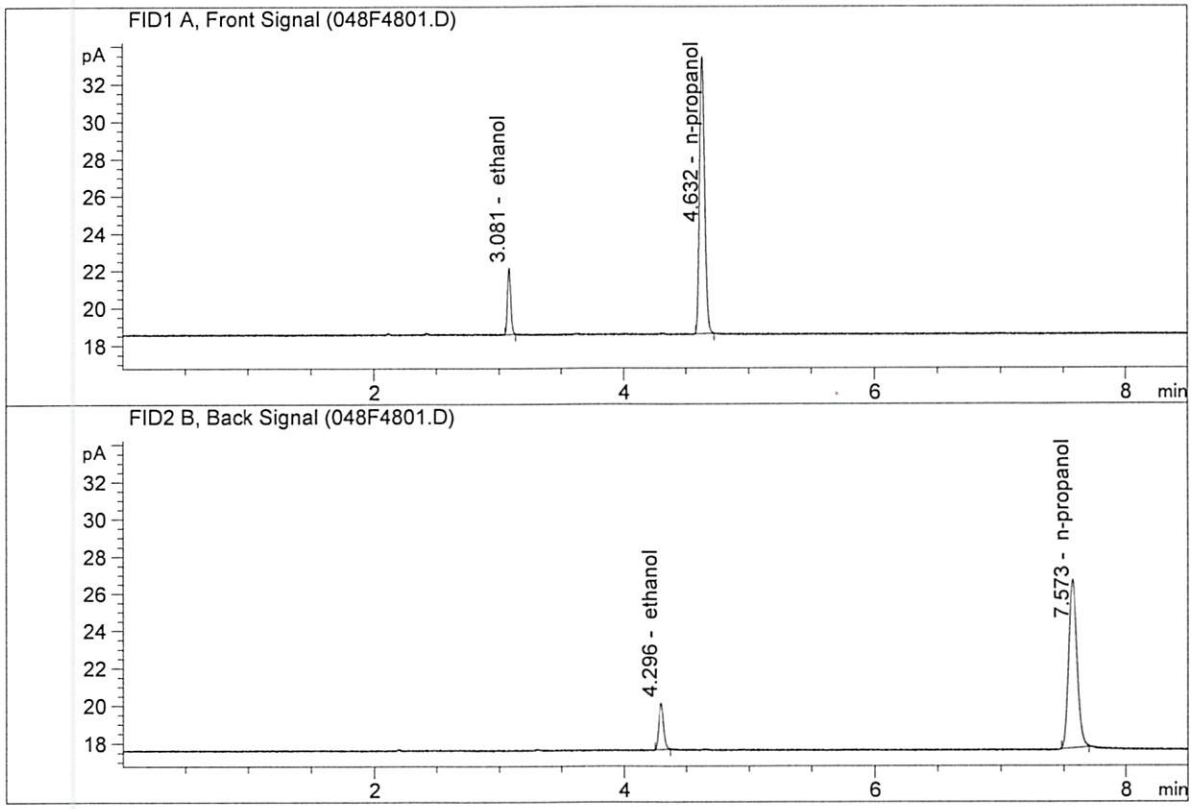


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.49514	0.0736	g/100cc
2.	Ethanol	Column 2:	6.65868	0.0752	g/100cc
3.	n-Propanol	Column 1:	41.91558	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.80092	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Aug 27, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.54075	0.0734	g/100cc
2.	Ethanol	Column 2:	6.69217	0.0748	g/100cc
3.	n-Propanol	Column 1:	42.31528	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.22921	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 27 Aug 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1996	0.1995	0.0001	0.1995	0.0037	0.2014
(g/100cc)	0.2036	0.2029	0.0007	0.2032		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

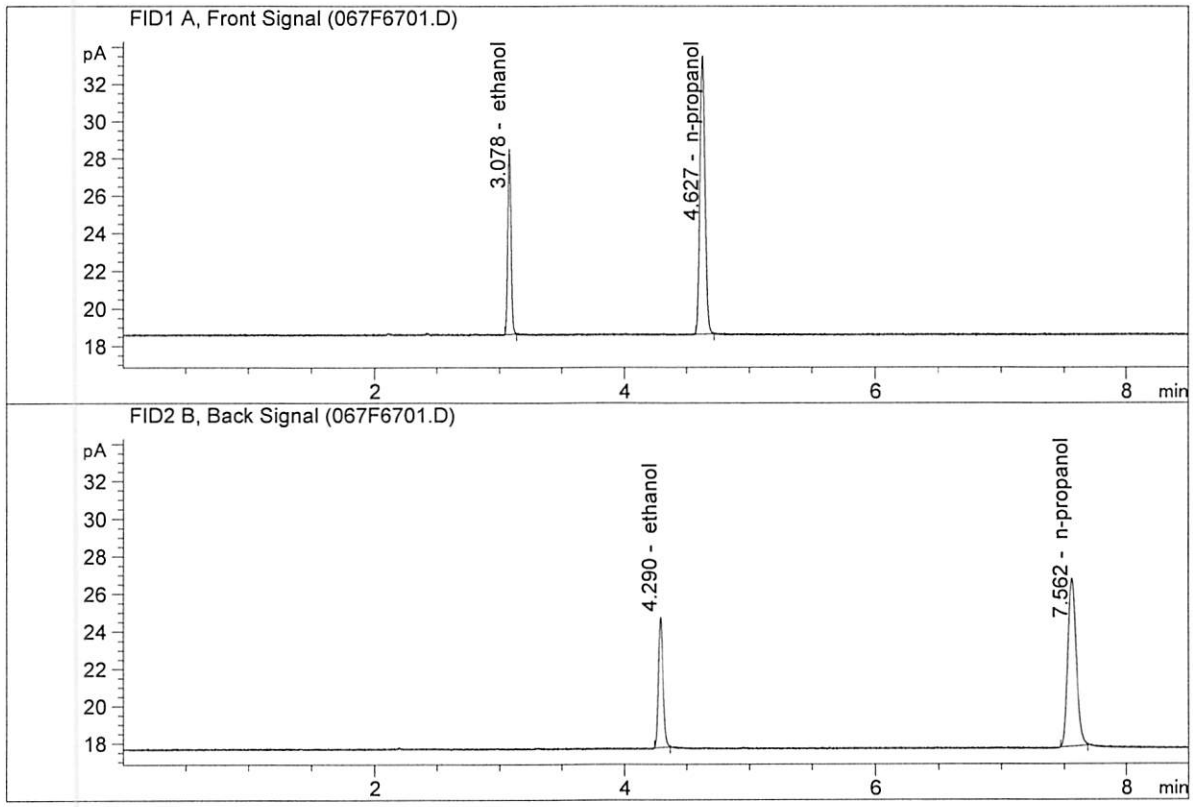
	Reported Result	
	0.201	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

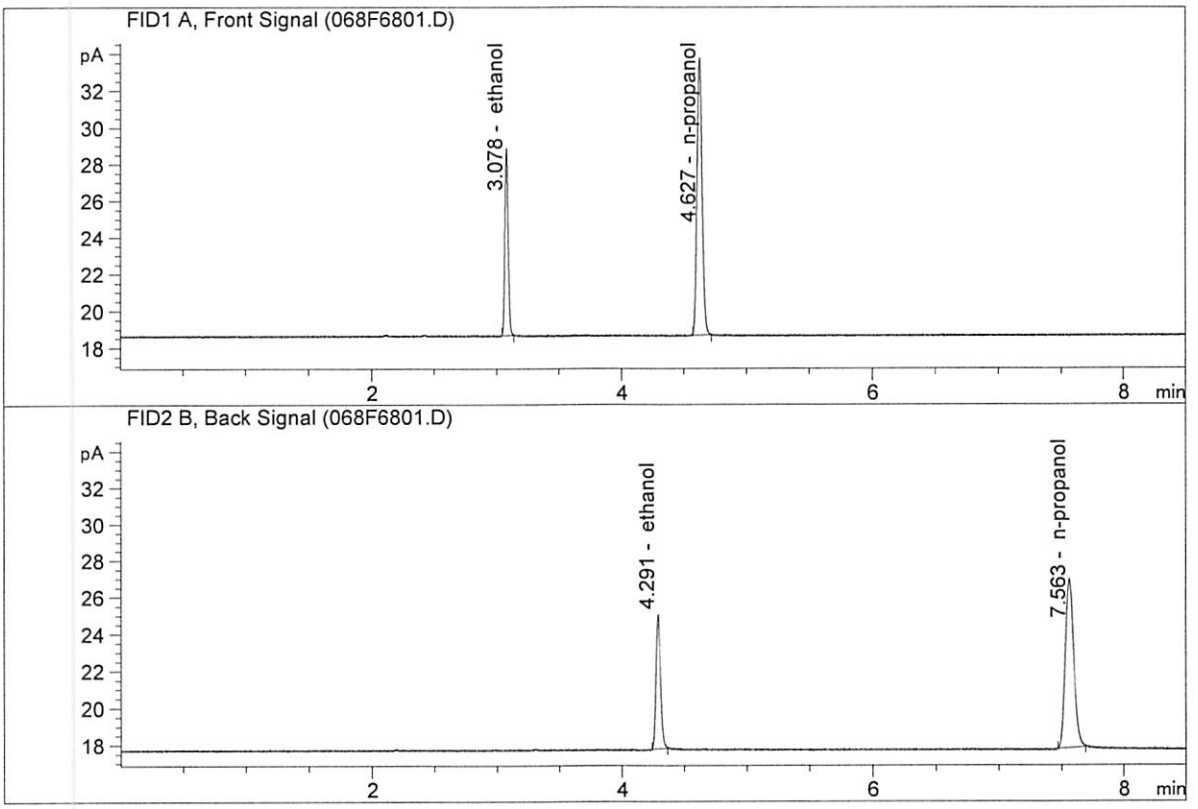
Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : Aug 27, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.93946	0.1996	g/100cc
2.	Ethanol	Column 2:	18.65246	0.1995	g/100cc
3.	n-Propanol	Column 1:	42.27342	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.11528	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : Aug 27, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

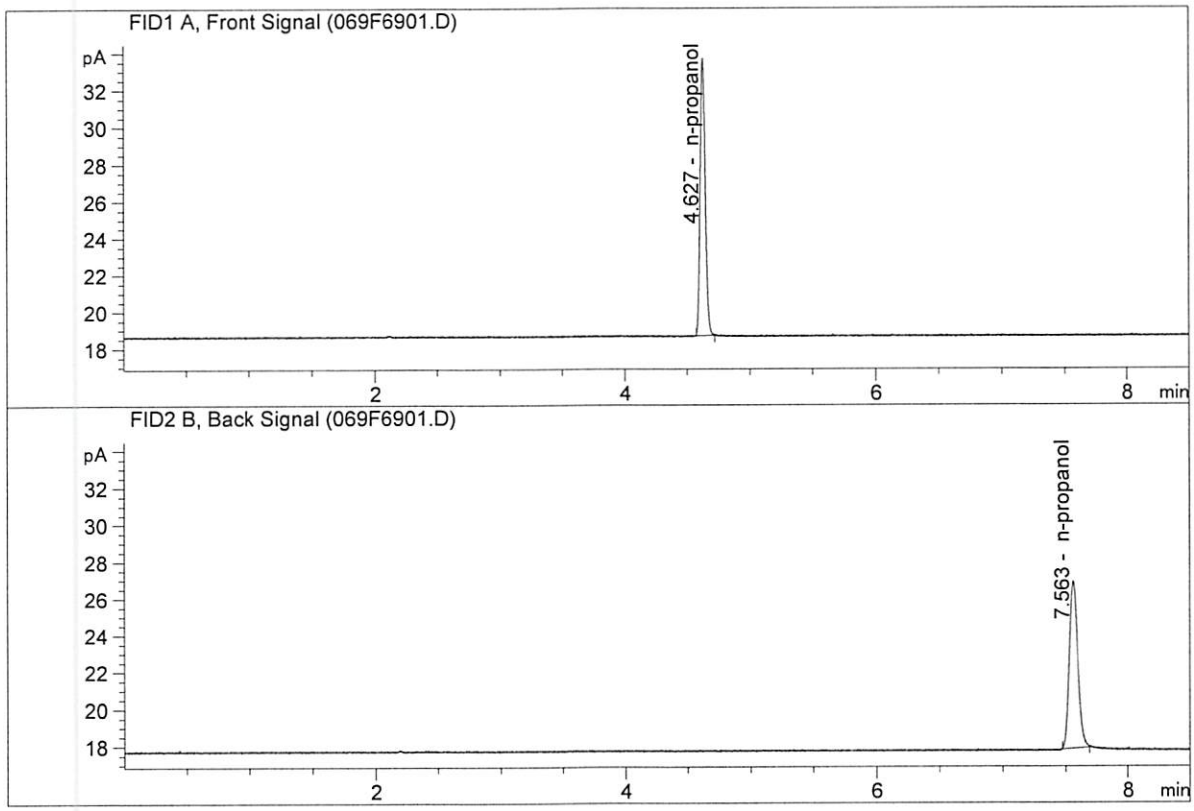


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.58861	0.2036	g/100cc
2.	Ethanol	Column 2:	19.30471	0.2029	g/100cc
3.	n-Propanol	Column 1:	42.95073	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.85838	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Aug 27, 2020
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:	42.63264	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.61053	1.0000	g/100cc

JV

Sequence File C:\Chem32\...0_SAMPLES\08-26-20_SAMPLES 2020-08-26 15-35-03\08-26-20_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\08-26-20_SAMPLES\08-26-20_SAMPLES 2020-08-26 15-35-03\08-26-20_SAMPLES.S
Data directory path: C:\Chem32\1\Data\08-26-20_SAMPLES\08-26-20_SAMPLES 2020-08-26 15-35-03\
Logbook: C:\Chem32\1\Data\08-26-20_SAMPLES\08-26-20_SAMPLES 2020-08-26 15-35-03\08-26-20_SAMPLES.LOG
Sequence start: 8/26/2020 3:49:58 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\08-26-20_SAMPLES\08-26-20_SAMPLES 2020-08-26 15-35-03\ALCOHOL.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	Cmp
1	1	1	INTERNAL STD BLK	-	1.0000	001F0101.D		2
2	2	1	MIX VOL FN060415	-	1.0000	002F0201.D		10
3	3	1	QC1-1-A	-	1.0000	003F0301.D		4
4	4	1	QC1-1-B	-	1.0000	004F0401.D		4
5	5	1	0.08 FN04171701-	-	1.0000	005F0501.D		4
6	6	1	0.08 FN04171701-	-	1.0000	006F0601.D		4
7	7	1	M2020-2941-2-A	-	1.0000	007F0701.D		2
8	8	1	M2020-2941-2-B	-	1.0000	008F0801.D		2
9	9	1	M2020-3210-1-A	-	1.0000	009F0901.D		2
10	10	1	M2020-3210-1-B	-	1.0000	010F1001.D		2
11	11	1	M2020-3210-2-A	-	1.0000	011F1101.D		2
12	12	1	M2020-3310-2-B	-	1.0000	012F1201.D		2
13	13	1	M2020-3246-1-A	-	1.0000	013F1301.D		4
14	14	1	M2020-3246-1-B	-	1.0000	014F1401.D		4
15	15	1	M2020-3249-1-A	-	1.0000	015F1501.D		2
16	16	1	M2020-3249-1-B	-	1.0000	016F1601.D		2
17	17	1	M2020-3250-1-A	-	1.0000	017F1701.D		4
18	18	1	M2020-3250-1-B	-	1.0000	018F1801.D		4
19	19	1	M2020-3259-1-A	-	1.0000	019F1901.D		4
20	20	1	M2020-3259-1-B	-	1.0000	020F2001.D		4
21	21	1	M2020-3260-1-A	-	1.0000	021F2101.D		4
22	22	1	M2020-3260-1-B	-	1.0000	022F2201.D		4
23	23	1	M2020-3267-1-A	-	1.0000	023F2301.D		4
24	24	1	M2020-3267-1-B	-	1.0000	024F2401.D		4
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	M2020-3275-1-A	-	1.0000	027F2701.D		4
28	28	1	M2020-3275-1-B	-	1.0000	028F2801.D		4
29	29	1	M2020-3317-1-A	-	1.0000	029F2901.D		4
30	30	1	M2020-3317-1-B	-	1.0000	030F3001.D		4
31	31	1	P2020-2420-1-A	-	1.0000	031F3101.D		4
32	32	1	P2020-2420-1-B	-	1.0000	032F3201.D		4
33	33	1	P2020-2426-1-A	-	1.0000	033F3301.D		4
34	34	1	P2020-2426-1-B	-	1.0000	034F3401.D		4
35	35	1	P2020-2427-1-A	-	1.0000	035F3501.D		4
36	36	1	P2020-2427-1-B	-	1.0000	036F3601.D		4
37	37	1	P2020-2428-1-A	-	1.0000	037F3701.D		2
38	38	1	P2020-2428-1-B	-	1.0000	038F3801.D		2
39	39	1	P2020-2432-1-A	-	1.0000	039F3901.D		4
40	40	1	P2020-2432-1-B	-	1.0000	040F4001.D		4
41	41	1	P2020-2445-1-A	-	1.0000	041F4101.D		4
42	42	1	P2020-2445-1-B	-	1.0000	042F4201.D		4
43	43	1	P2020-2485-1-A	-	1.0000	043F4301.D		2

JG

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
44	44	1	P2020-2485-1-B	-	1.0000	044F4401.D		2
45	45	1	P2020-2485-2-A	-	1.0000	045F4501.D		2
46	46	1	P2020-2485-2-B	-	1.0000	046F4601.D		2
47	47	1	QC1-2-A	-	1.0000	047F4701.D		4
48	48	1	QC1-2-B	-	1.0000	048F4801.D		4
49	49	1	P2020-2490-1-A	-	1.0000	049F4901.D		4
50	50	1	P2020-2490-1-B	-	1.0000	050F5001.D		4
51	51	1	P2020-2492-1-A	-	1.0000	051F5101.D		4
52	52	1	P2020-2492-1-B	-	1.0000	052F5201.D		4
53	53	1	P2020-2493-1-A	-	1.0000	053F5301.D		4
54	54	1	P2020-2493-1-B	-	1.0000	054F5401.D		4
55	55	1	P2020-2528-1-A	-	1.0000	055F5501.D		2
56	56	1	P2020-2528-1-B	-	1.0000	056F5601.D		2
57	57	1	P2020-2529-1-A	-	1.0000	057F5701.D		2
58	58	1	P2020-2529-1-B	-	1.0000	058F5801.D		2
59	59	1	P2020-2530-1-A	-	1.0000	059F5901.D		2
60	60	1	P2020-2530-1-B	-	1.0000	060F6001.D		2
61	61	1	P2020-2531-1-A	-	1.0000	061F6101.D		2
62	62	1	P2020-2531-1-B	-	1.0000	062F6201.D		2
63	63	1	P2020-2532-1-A	-	1.0000	063F6301.D		4
64	64	1	P2020-2532-1-B	-	1.0000	064F6401.D		4
65	65	1	P2020-2535-1-A	-	1.0000	065F6501.D		2
66	66	1	P2020-2535-1-B	-	1.0000	066F6601.D		2
67	67	1	QC2-2-A	-	1.0000	067F6701.D		4
68	68	1	QC2-2-B	-	1.0000	068F6801.D		4
69	69	1	INTERNAL STD BLK	-	1.0000	069F6901.D		2

Method file name: C:\Chem32\1\Data\08-26-20_SAMPLES\08-26-20_SAMPLES 2020-08-26 15-35-03 \SHUTDOWN.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
70	70	1	EMPTY	-	1.0000	070F7001.D		0

JC