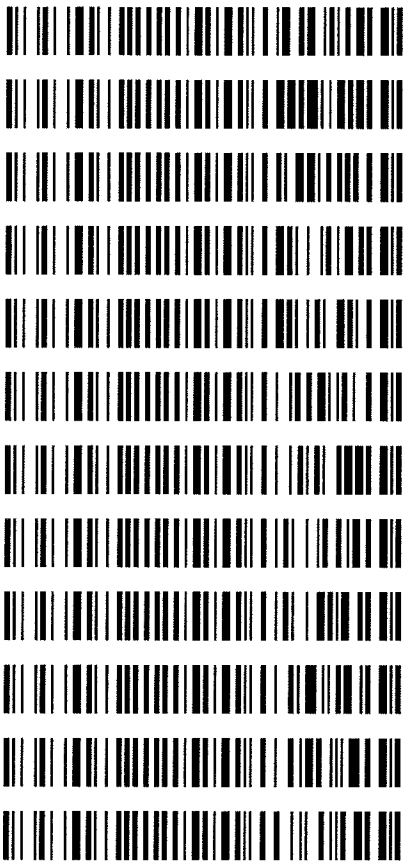
Worklist: 1755

LAB CASE	ITEM	TASK ID	DESCRIPTION
C2017-0945	1	84855	Alcohol Analysis
C2017-0963	1	84995	Alcohol Analysis
C2017-0964	1	85001	Alcohol Analysis
C2017-1013	1	85502	Alcohol Analysis
C2017-1014	1	85504	Alcohol Analysis
C2017-1034	1	85815	Alcohol Analysis
C2017-1051	1	85965	Alcohol Analysis
C2017-1072	1	86094	Alcohol Analysis
C2017-1078	1	86109	Alcohol Analysis
C2017-1087	1	86305	Alcohol Analysis
C2017-1088	1	86341	Alcohol Analysis
C2017-1102	1	86389	Alcohol Analysis



99

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 600 Liquid Processor/Dilutor Serial Number: ML600HC11379

Volatiles Quality Assurance Controls **Run Date(s): 6/10/2017**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702-0.0858	0.0749 g/100cc
					g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818-0.2222	0.1938 g/100cc
					0.1951 g/100cc
					g/100cc

Multi-Component mixture:	**Sep-20**	**Lot #**	FN06041502		OK
Curve Fit:		**Column 1**	1.00000	**Column2**	0.99999

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	0.0493	0.0488	0.0005	0.049
0.080							0	#DIV/0!
0.100	Mar-19	FN02021403	0.100	0.090 - 0.110	0.0996	0.0980	0.0016	0.0988
0.200	Apr-21	FN03301601	0.200	0.180 - 0.220	0.2000	0.1988	0.0012	0.1994
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.2993	0.2989	0.0004	0.2991
0.400							0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5005	0.5017	0.0012	0.5011

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Oct-18	FN09051304	0.08000	0.076 - 0.084	0.081 g/100cc

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

99

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_10.06.2017_01.39.43\6-10-2017.S

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_10.06.2017_01.39.43\6-10-2017.S
Data directory path: C:\Chem32\1\Data\6-10-2017JTJ
Logbook: C:\Chem32\1\Data\6-10-2017JTJ\6-10-2017.LOG
Sequence start: 6/10/2017 1:53:30 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

worklist 1755 CD4 06102017 JTJ

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

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	water	-	1.0000	001F0101.D		0
2	2	1	VOL MIX FN-06041	-	1.0000	002F0201.D		10
3	3	1	ISTD BLANK	-	1.0000	003F0301.D		2
4	4	1	QC-1-A	-	1.0000	004F0401.D		4
5	5	1	QC-1-B	-	1.0000	005F0501.D		4
6	6	1	0.08 FN09051304-	-	1.0000	006F0601.D		4
7	7	1	0.08 FN09051304-	-	1.0000	007F0701.D		4
8	8	1	17803-44-A	-	1.0000	008F0801.D		4
9	9	1	17803-44-B	-	1.0000	009F0901.D		4
10	10	1	17803-516-A	-	1.0000	010F1001.D		4
11	11	1	17803-516-B	-	1.0000	011F1101.D		4
12	12	1	17106-1-A	-	1.0000	012F1201.D		4
13	13	1	17106-1-B	-	1.0000	013F1301.D		4
14	14	1	17106-405-A	-	1.0000	014F1401.D		4
15	15	1	17106-405-B	-	1.0000	015F1501.D		4
16	16	1	C2017-0945-1-A	-	1.0000	016F1601.D		2
17	17	1	C2017-0945-1-B	-	1.0000	017F1701.D		2
18	18	1	C2017-0963-1-A	-	1.0000	018F1801.D		4
19	19	1	C2017-0963-1-B	-	1.0000	019F1901.D		4
20	20	1	C2017-0964-1-A	-	1.0000	020F2001.D		2
21	21	1	C2017-0964-1-B	-	1.0000	021F2101.D		2
22	22	1	C2017-1013-1-A	-	1.0000	022F2201.D		4
23	23	1	C2017-1013-1-B	-	1.0000	023F2301.D		4
24	24	1	C2017-1014-1-A	-	1.0000	024F2401.D		2
25	25	1	C2017-1014-1-B	-	1.0000	025F2501.D		2
26	26	1	QC-2-A	-	1.0000	026F2601.D		4
27	27	1	QC-2-B	-	1.0000	027F2701.D		4
28	28	1	C2017-1034-1-A	-	1.0000	028F2801.D		4
29	29	1	C2017-1034-1-B	-	1.0000	029F2901.D		4
30	30	1	C2017-1051-1-A	-	1.0000	030F3001.D		4
31	31	1	C2017-1051-1-B	-	1.0000	031F3101.D		4
32	32	1	C2017-1072-1-A	-	1.0000	032F3201.D		4
33	33	1	C2017-1072-1-B	-	1.0000	033F3301.D		4
34	34	1	C2017-1078-1-A	-	1.0000	034F3401.D		2
35	35	1	C2017-1078-1-B	-	1.0000	035F3501.D		2
36	36	1	C2017-1087-1-A	-	1.0000	036F3601.D		4
37	37	1	C2017-1087-1-B	-	1.0000	037F3701.D		4
38	38	1	C2017-1088-1-A	-	1.0000	038F3801.D		4
39	39	1	C2017-1088-1-B	-	1.0000	039F3901.D		4
40	40	1	C2017-1102-1-A	-	1.0000	040F4001.D		4
41	41	1	C2017-1102-1-B	-	1.0000	041F4101.D		4
42	42	1	QC-2-A	-	1.0000	042F4201.D		4
43	43	1	QC-2-B	-	1.0000	043F4301.D		4
44	44	1	ISTD BLANK	-	1.0000	044F4401.D		2
45	45	1	water	-	1.0000	045F4501.D		0

99

Calibration Table

General Calibration Setting

Calib. Data Modified : Saturday, June 10, 2017 1:28:26 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 : No recalibration if peaks missing

Curve Type : Linear
Origin : Forced
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

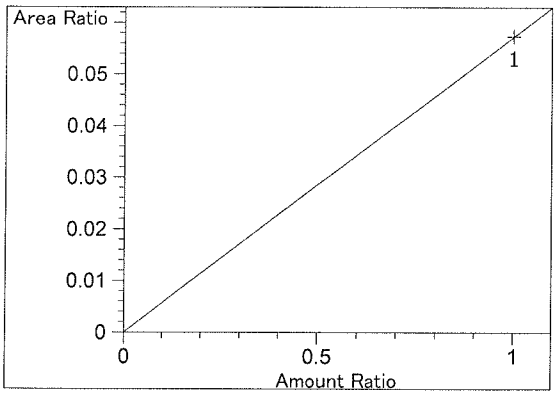
Overview Table

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.000	2	1	1.00000	5.00000	2.00000e-1	No	No	2	Difluoroethane
2.000	1	1	1.00000	5.00000	2.00000e-1	No	No	1	Difluoroethane
2.494	1	1	1.00000	3.69669	2.70512e-1	No	No	1	Methanol
2.772	1	1	1.00000	3.19311	3.13174e-1	No	No	1	Acetaldehyde
2.797	2	1	1.00000	3.10575	3.21983e-1	No	No	2	Acetaldehyde
3.101	1	1	5.00000e-2	8.28671	6.03376e-3	No	No	1	Ethanol
		2	1.00000e-1	16.54659	6.04354e-3				
		3	2.00000e-1	33.74158	5.92741e-3				
		4	3.00000e-1	49.94547	6.00655e-3				
		5	5.00000e-1	84.82928	5.89419e-3				
3.211	2	1	1.00000	4.26062	2.34707e-1	No	No	2	Methanol
3.715	1	1	1.00000	9.73055	1.02769e-1	No	No	1	Isopropyl alcohol
4.170	2	1	5.00000e-2	8.24568	6.06378e-3	No	No	2	Ethanol
		2	1.00000e-1	16.32258	6.12648e-3				
		3	2.00000e-1	33.43469	5.98181e-3				
		4	3.00000e-1	49.66143	6.04090e-3				
		5	5.00000e-1	84.41862	5.92286e-3				
4.530	1	1	1.00000	6.49940	1.53860e-1	No	No	1	Acetone
4.549	2	1	1.00000	6.89301	1.45075e-1	No	No	2	Acetone
4.870	2	1	1.00000	10.70642	9.34019e-2	No	No	2	Isopropyl alcohol
4.930	1	1	1.00000	88.15277	1.13439e-2	No	Yes	1	n-Propanol
		2	1.00000	87.17117	1.14717e-2				
		3	1.00000	88.49937	1.12995e-2				
		4	1.00000	87.54599	1.14226e-2				
		5	1.00000	88.92426	1.12455e-2				
7.601	2	1	1.00000	87.29638	1.14552e-2	No	Yes	2	n-Propanol
		2	1.00000	86.07796	1.16174e-2				
		3	1.00000	86.88200	1.15099e-2				
		4	1.00000	85.85836	1.16471e-2				
		5	1.00000	86.94288	1.15018e-2				

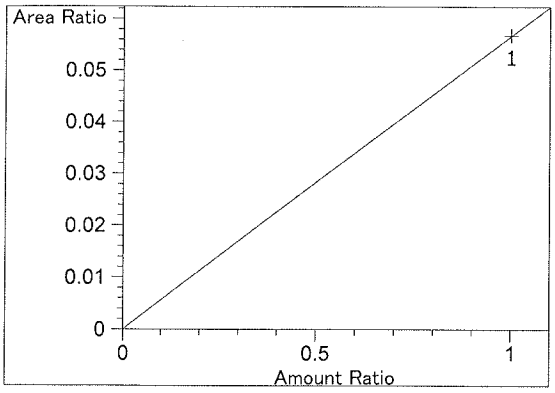
Peak Sum Table

No Entries in table

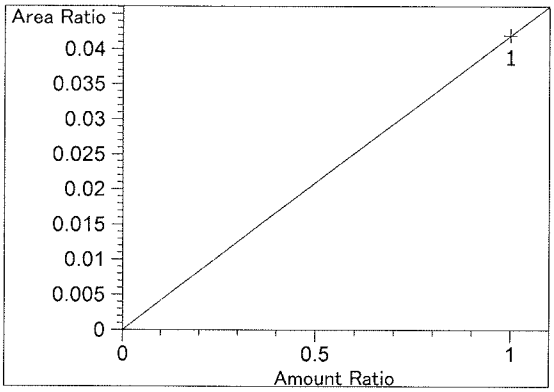
Calibration Curves



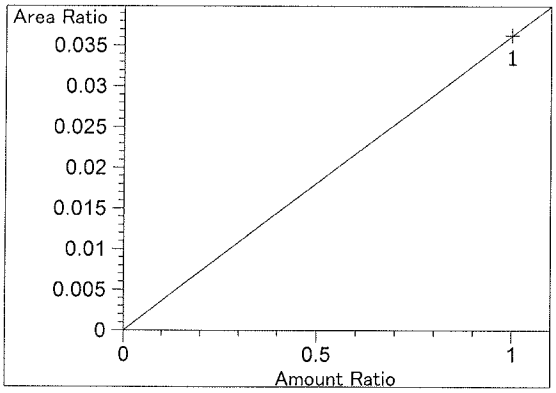
Difluoroethane at exp. RT: 2.000
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.72761e-2
x: Amount Ratio
y: Area Ratio



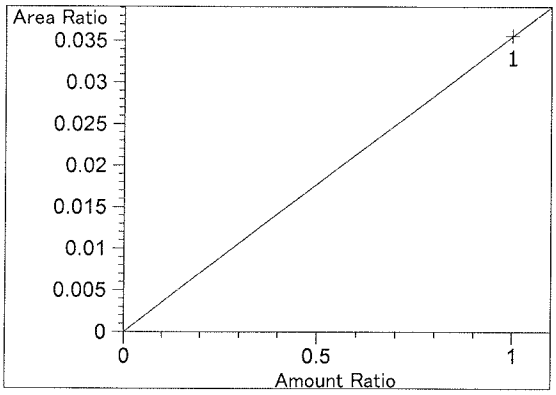
Difluoroethane at exp. RT: 2.000
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.67197e-2
x: Amount Ratio
y: Area Ratio



Methanol at exp. RT: 2.494
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.19351e-2
x: Amount Ratio
y: Area Ratio

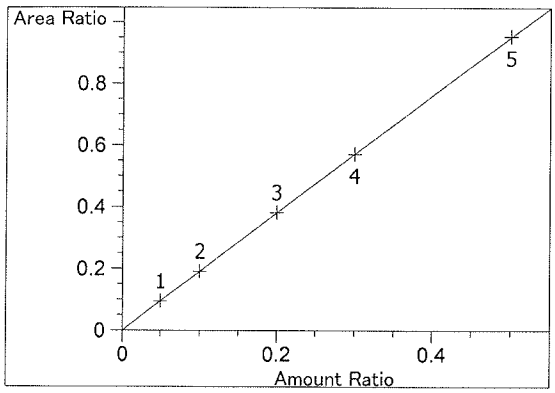


Acetaldehyde at exp. RT: 2.772
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.62225e-2
x: Amount Ratio
y: Area Ratio

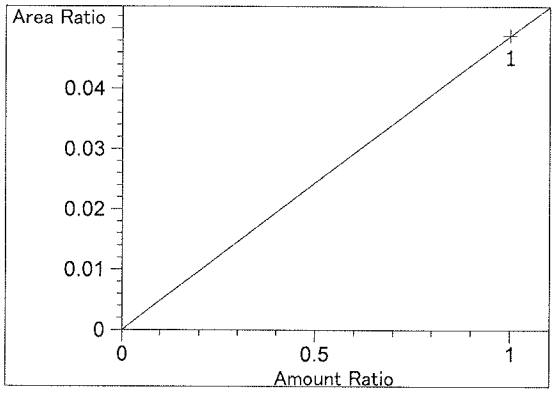


Acetaldehyde at exp. RT: 2.797
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.55771e-2
x: Amount Ratio
y: Area Ratio

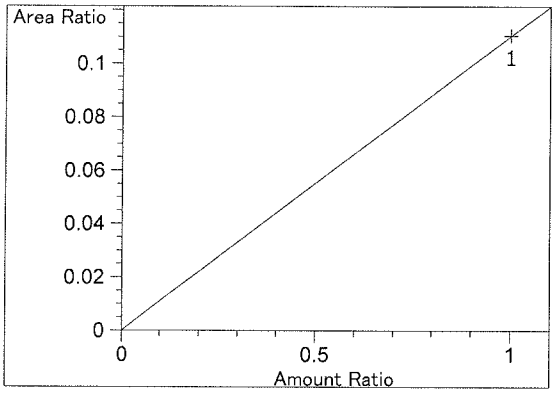
99



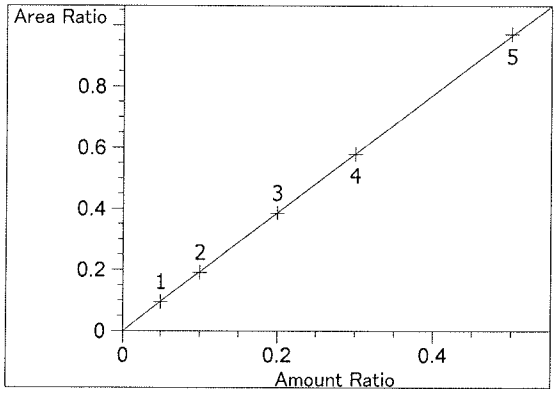
Ethanol at exp. RT: 3.101
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00110
Formula: y = mx
m: 1.90589
x: Amount Ratio
y: Area Ratio



Methanol at exp. RT: 3.211
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.88064e-2
x: Amount Ratio
y: Area Ratio

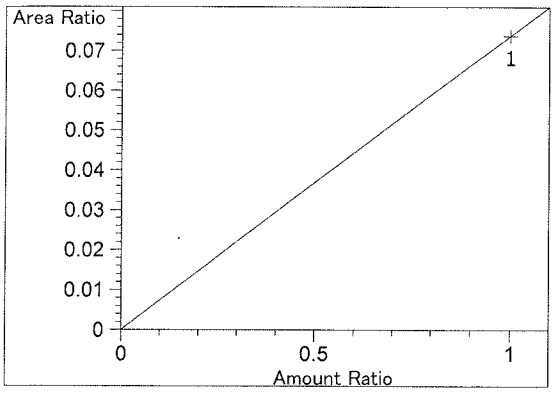


Isopropyl alcohol at exp. RT: 3.715
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.10383e-1
x: Amount Ratio
y: Area Ratio

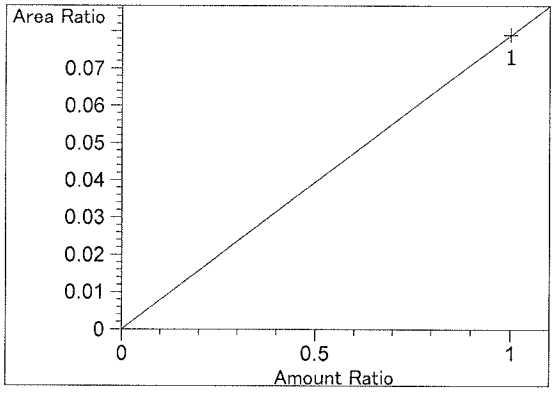


Ethanol at exp. RT: 4.170
FID2 B, Back Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00321
Formula: y = mx
m: 1.93543
x: Amount Ratio
y: Area Ratio

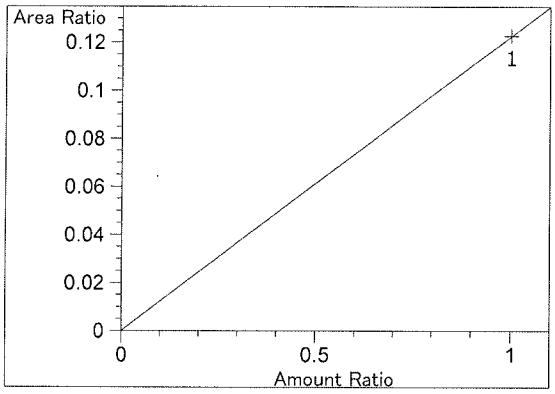
99



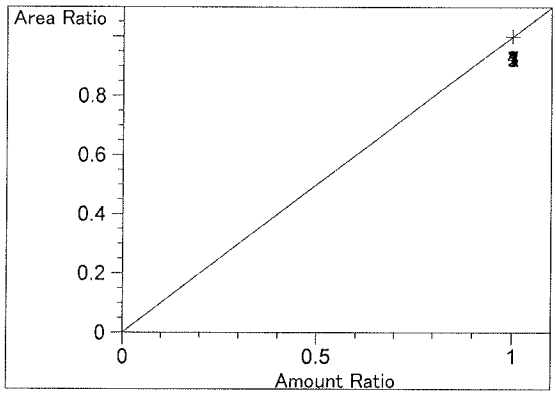
Acetone at exp. RT: 4.530
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.37288e-2
x: Amount Ratio
y: Area Ratio



Acetone at exp. RT: 4.549
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.89610e-2
x: Amount Ratio
y: Area Ratio

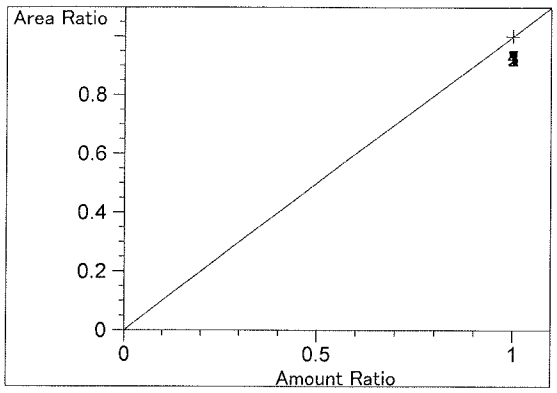


Isopropyl alcohol at exp. RT: 4.870
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.22644e-1
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 4.930
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

99



n-Propanol at exp. RT: 7.601
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

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99

Sample Summary

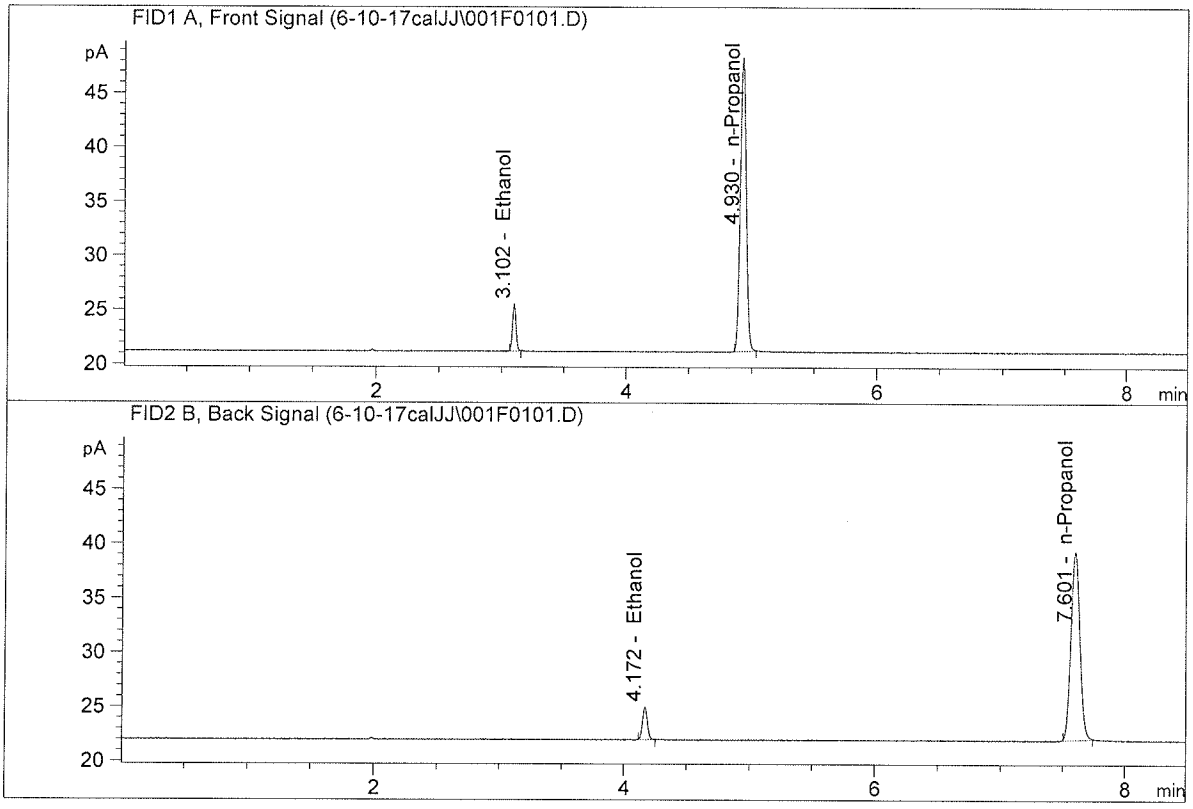
Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_10.06.2017_11.46.27\6-10-17cal.S
Data directory path: C:\Chem32\1\Data\6-10-17calJJ
Logbook: C:\Chem32\1\Data\6-10-17calJJ\6-10-17cal.LOG
Sequence start: 6/10/2017 12:00:10 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

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

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.05	-	1.0000	001F0101.D	*	4
2	2	1	0.100	-	1.0000	002F0201.D	*	4
3	3	1	0.200	-	1.0000	003F0301.D	*	4
4	4	1	0.300	-	1.0000	004F0401.D	*	4
5	5	1	0.500	-	1.0000	005F0501.D	*	4
6	6	1	blank	-	1.0000	006F0601.D		2

ISP Forensic Services Blood Alcohol Report

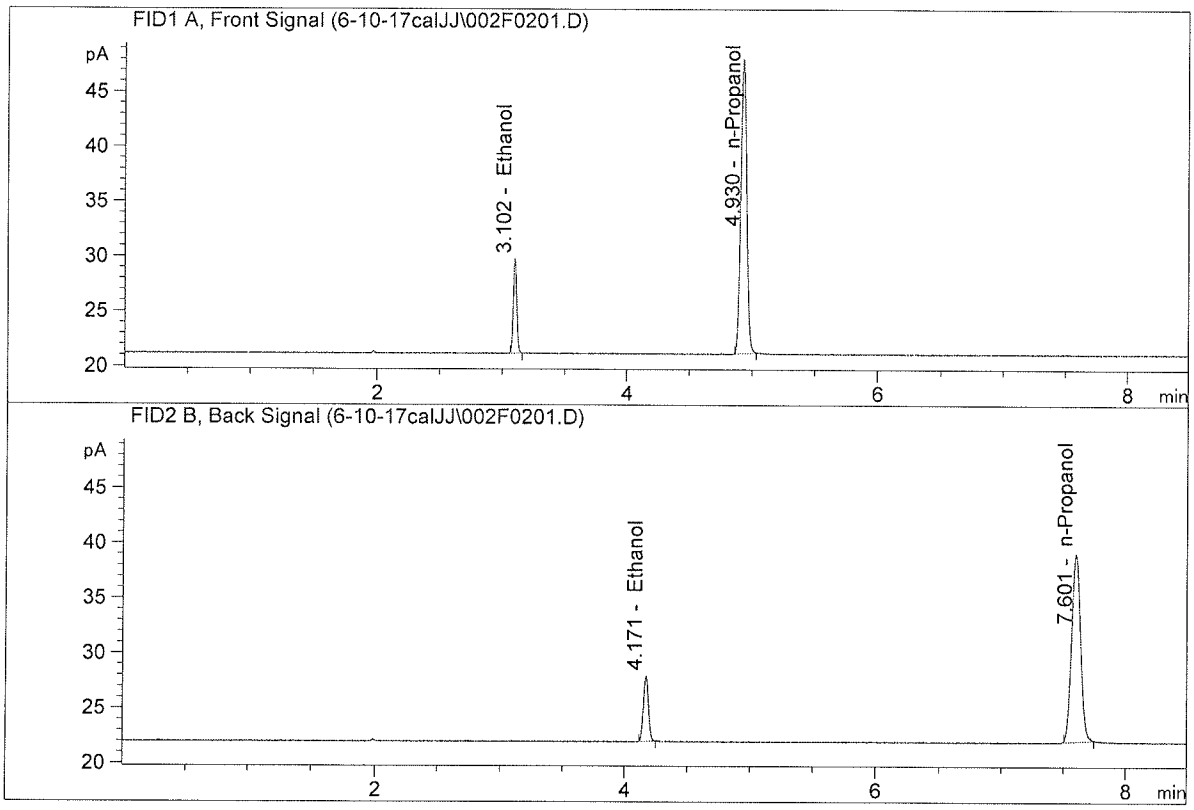
Sample Name : 0.05
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.28671	0.0493	g/100cc
2.	Ethanol	Column 2:	8.24568	0.0488	g/100cc
3.	n-Propanol	Column 1:	88.15277	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.29638	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

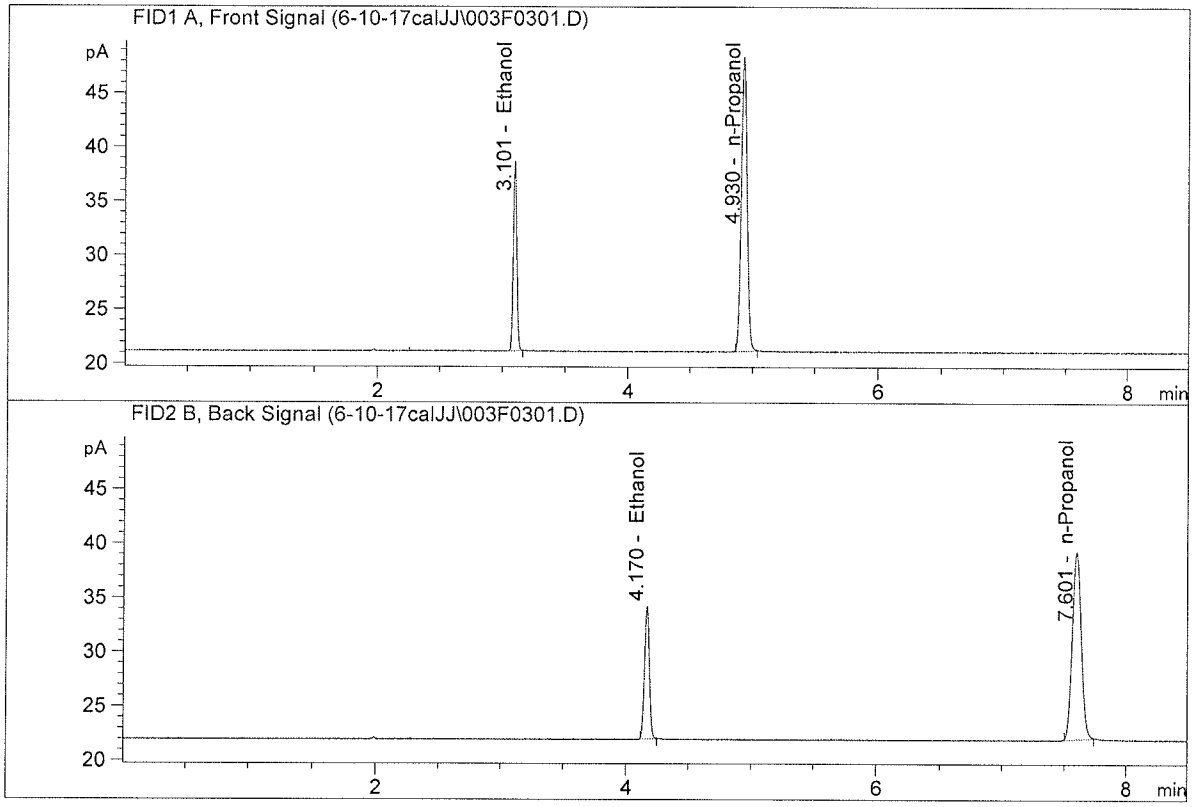


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.54659	0.0996	g/100cc
2.	Ethanol	Column 2:	16.32258	0.0980	g/100cc
3.	n-Propanol	Column 1:	87.17117	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.07796	1.0000	g/100cc

49

ISP Forensic Services Blood Alcohol Report

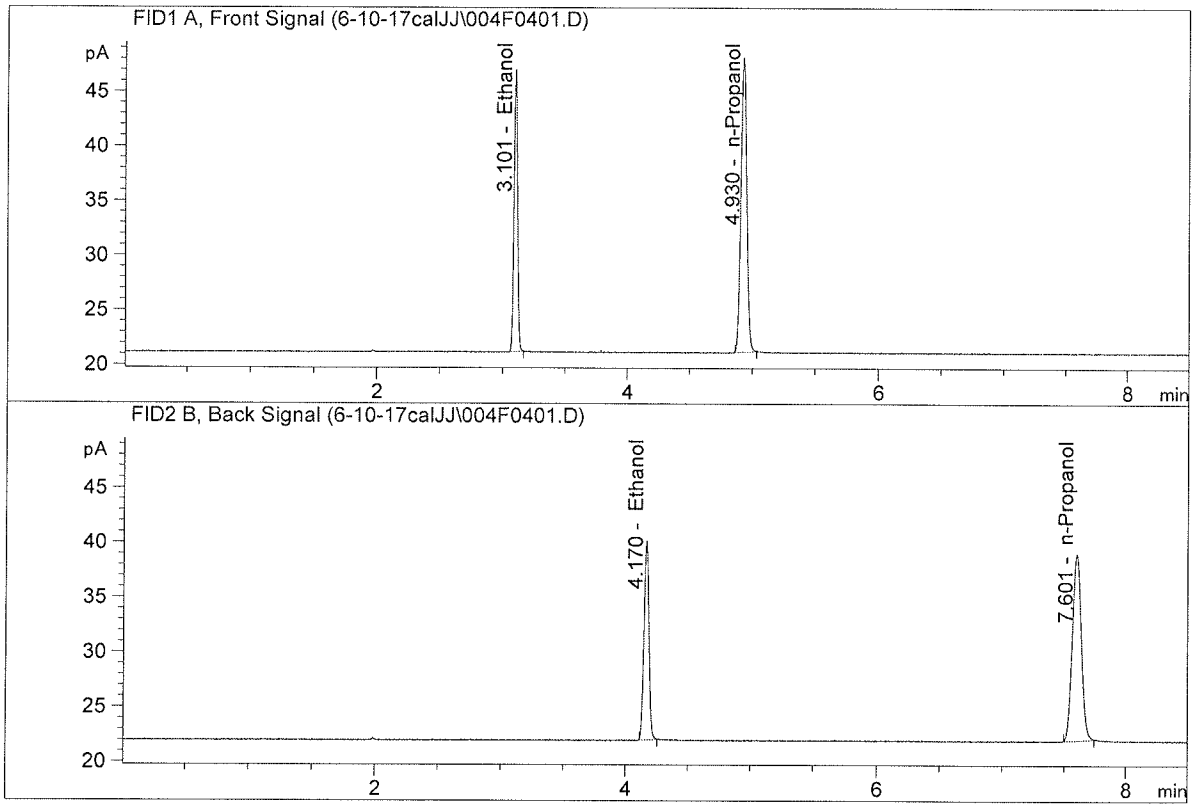
Sample Name : 0.200
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	33.74158	0.2000	g/100cc
2.	Ethanol	Column 2:	33.43469	0.1988	g/100cc
3.	n-Propanol	Column 1:	88.49937	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.88200	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

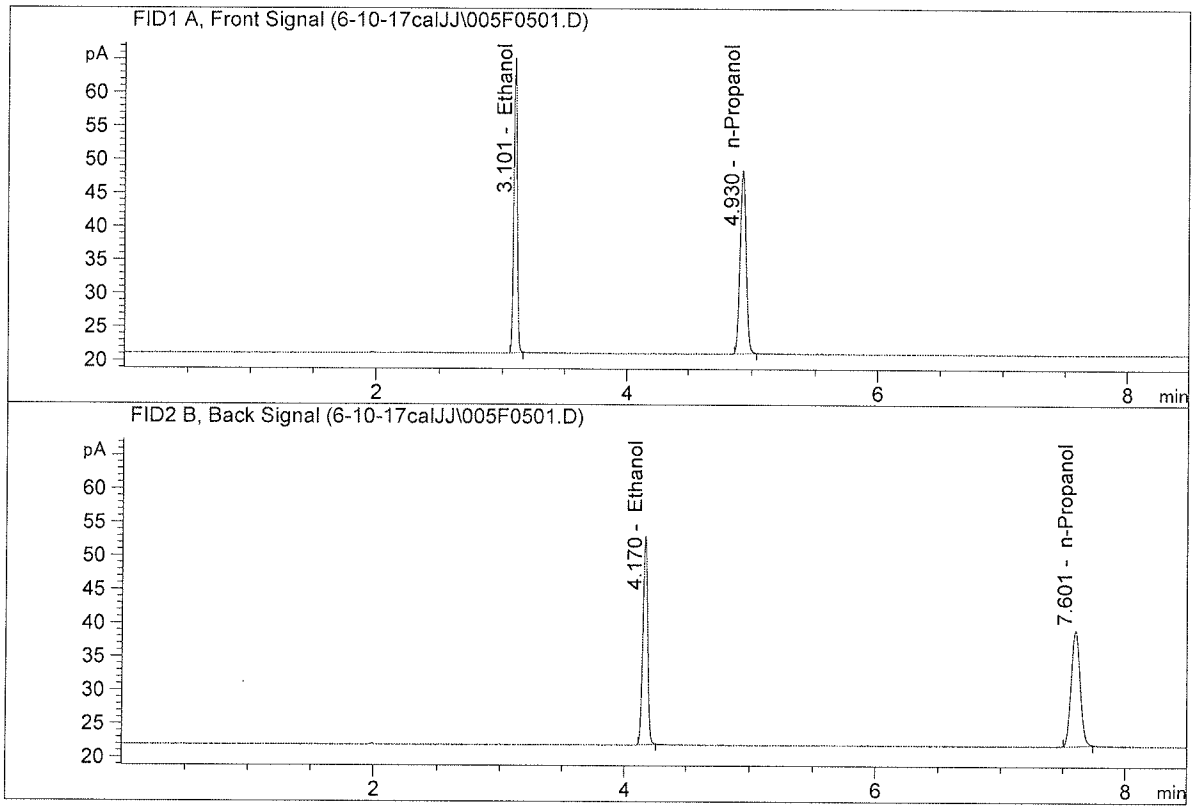
Sample Name : 0.300
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	49.94547	0.2993	g/100cc
2.	Ethanol	Column 2:	49.66143	0.2989	g/100cc
3.	n-Propanol	Column 1:	87.54599	1.0000	g/100cc
4.	n-Propanol	Column 2:	85.85836	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

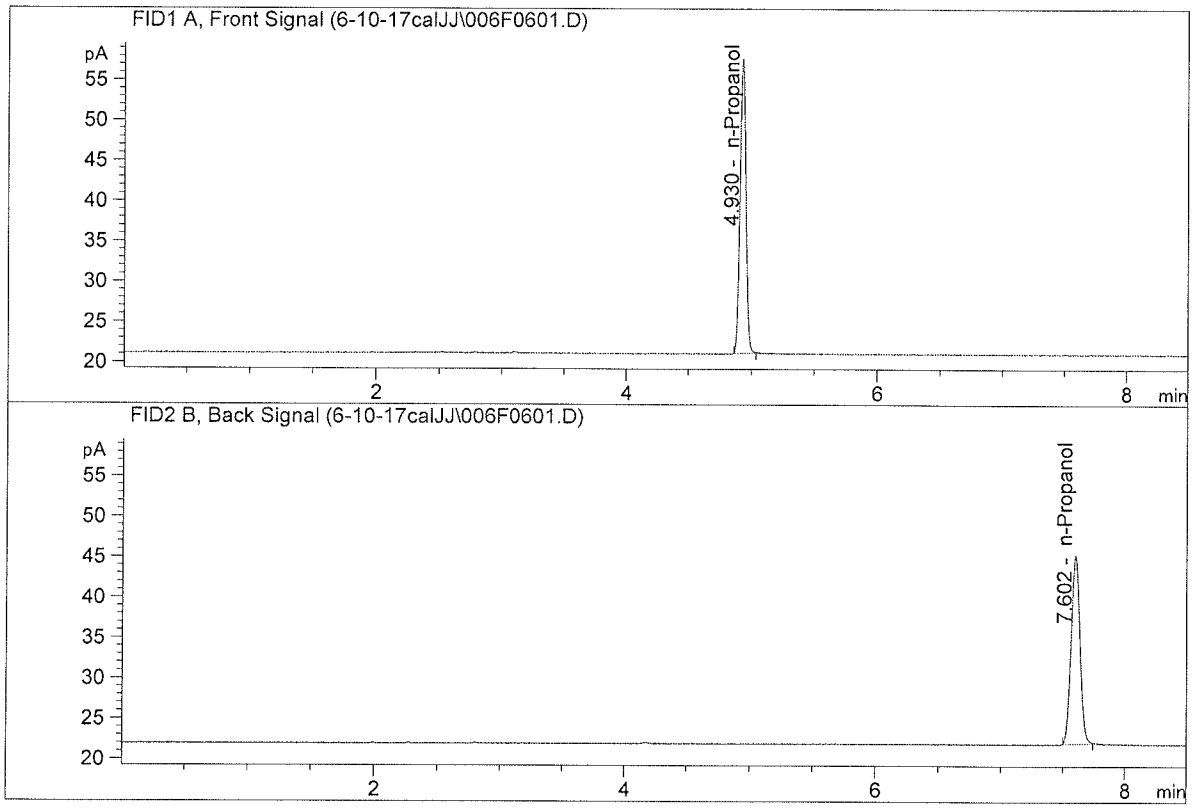


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	84.82928	0.5005	g/100cc
2.	Ethanol	Column 2:	84.41862	0.5017	g/100cc
3.	n-Propanol	Column 1:	88.92426	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.94288	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : blank
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

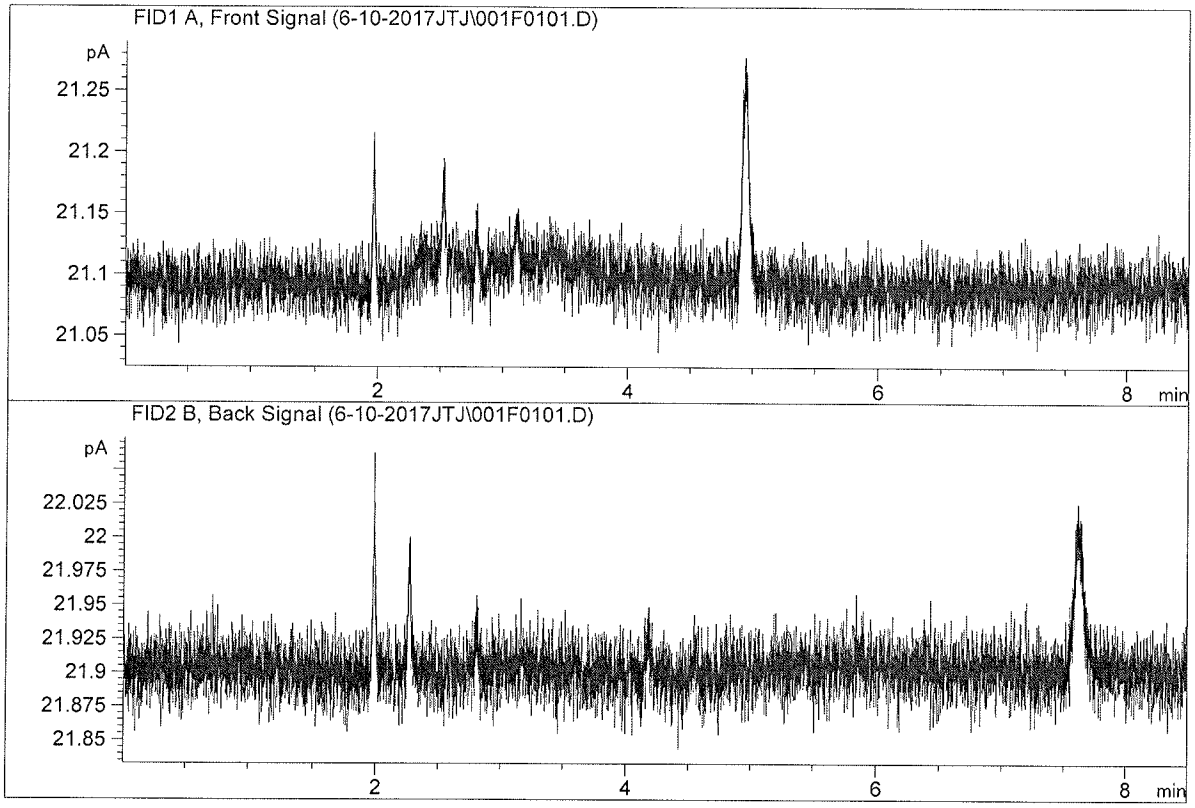


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	118.62367	1.0000	g/100cc
4.	n-Propanol	Column 2:	117.05871	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name	:	water
Laboratory	:	Coeur d' Alene
Injection Date	:	Jun 10, 2017
Method	:	ALCOHOL.M
Acq. Instrument	:	CN10742044-IT00725005

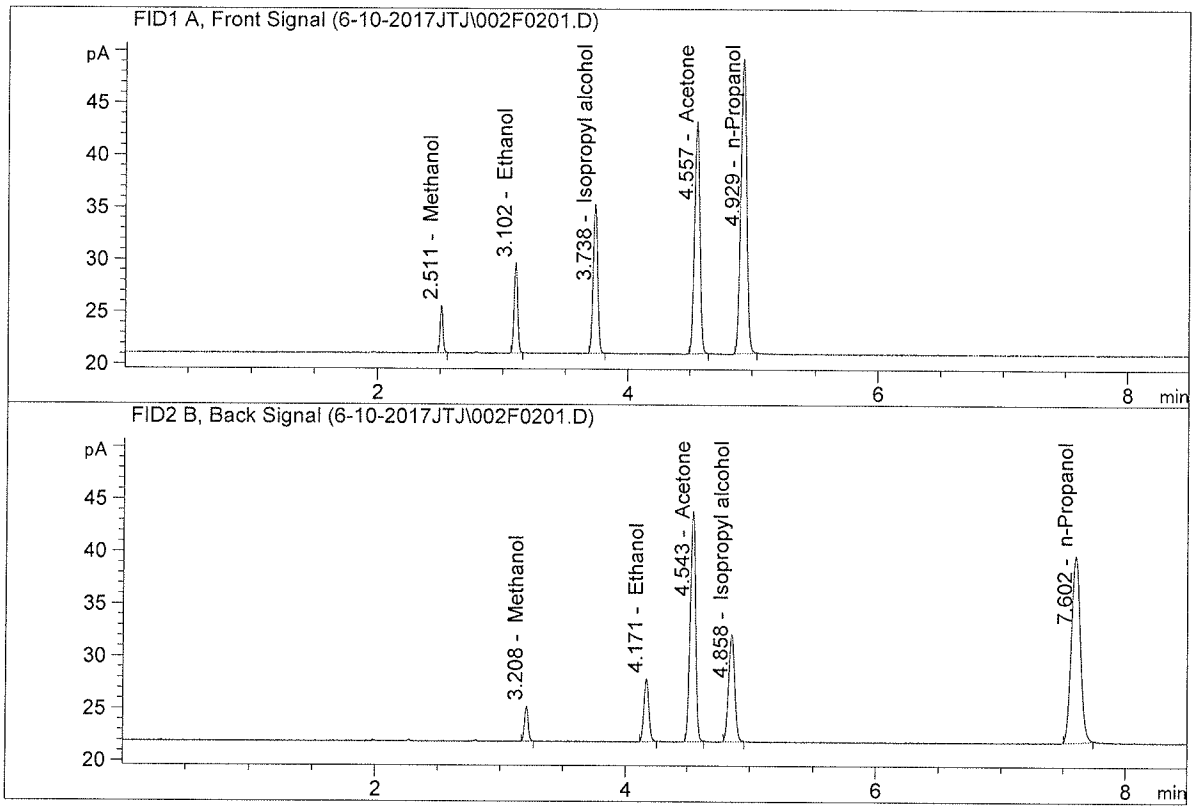


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

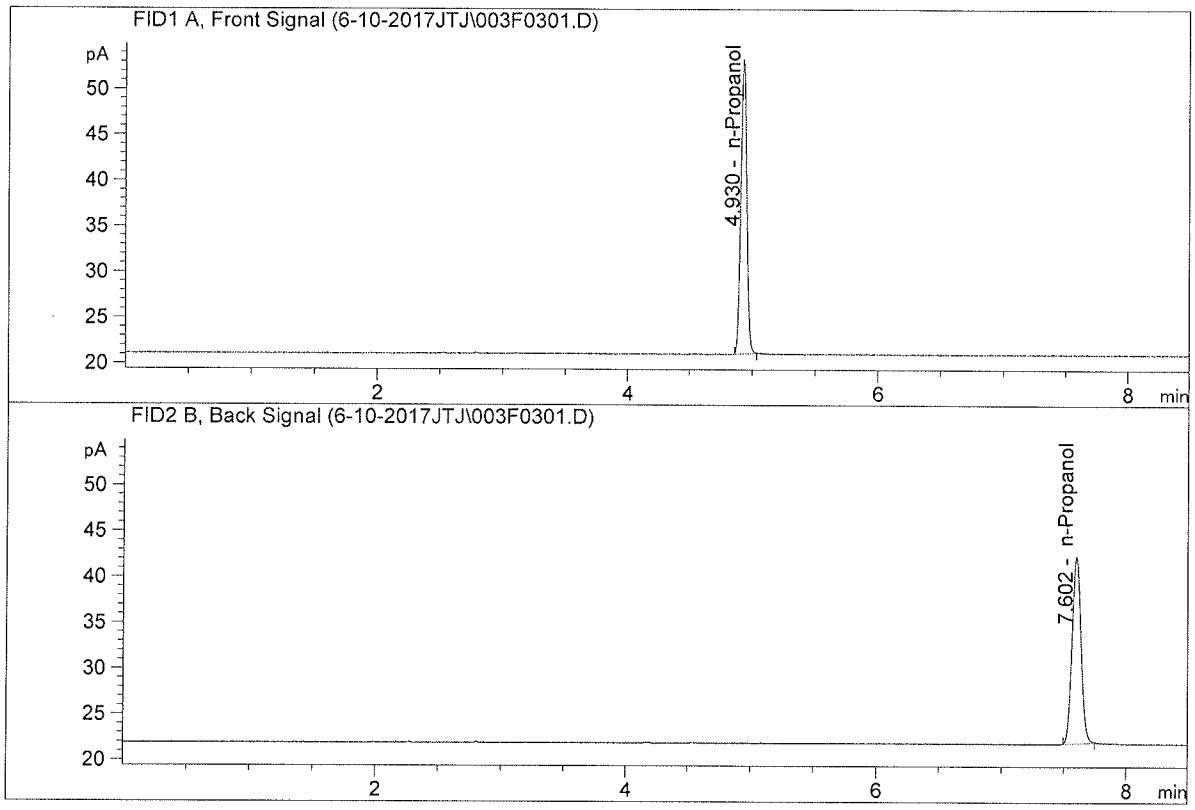
Sample Name : VOL MIX FN-06041502
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.63447	0.0954	g/100cc
2.	Ethanol	Column 2:	16.49906	0.0952	g/100cc
3.	n-Propanol	Column 1:	91.45736	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.58284	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	104.49860	1.0000	g/100cc
4.	n-Propanol	Column 2:	103.10490	1.0000	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1 **Analysis Date(s): 10 Jun 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0746	0.0740	0.0006	0.0743	0.0749	
(g/100cc)	0.0758	0.0753	0.0005	0.0755		

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: MD-96GF641

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

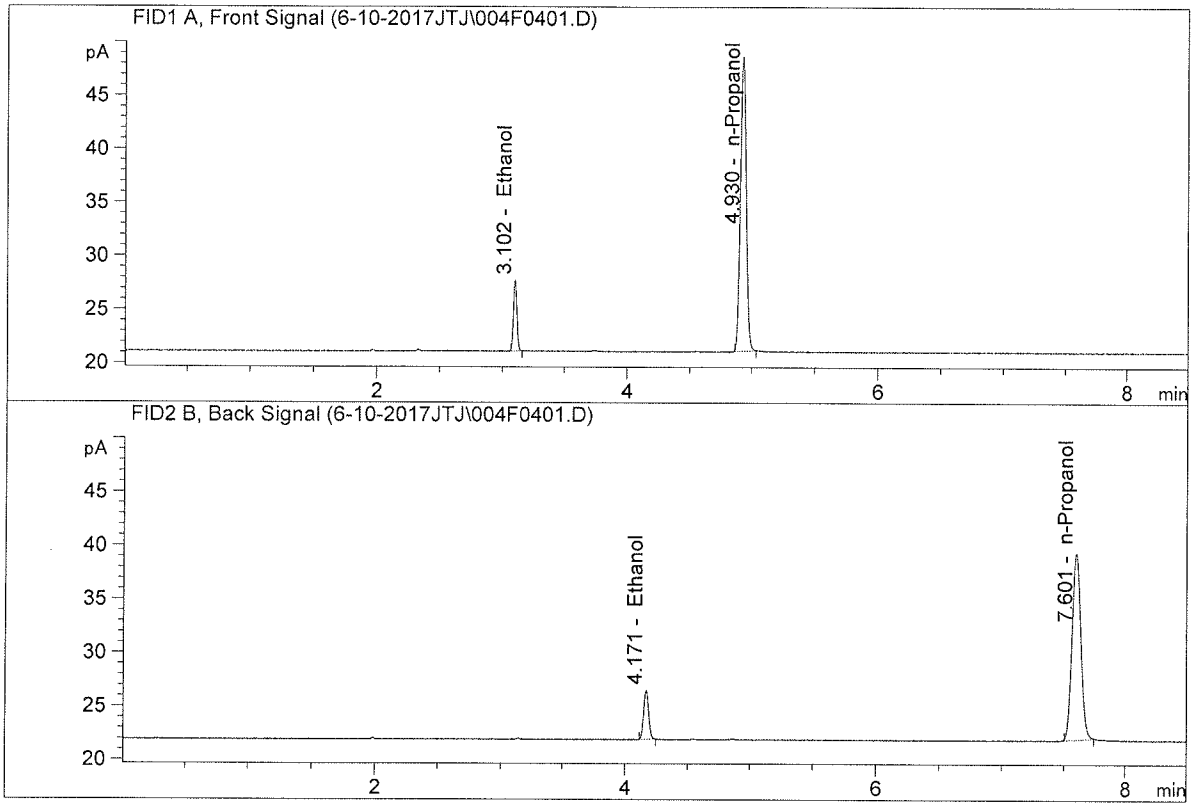
Overall Mean (g/100cc)	Low	High	5% of Mean
0.074	**0.070**	**0.078**	**0.004**

	Reported Result	
	0.074	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1-A
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

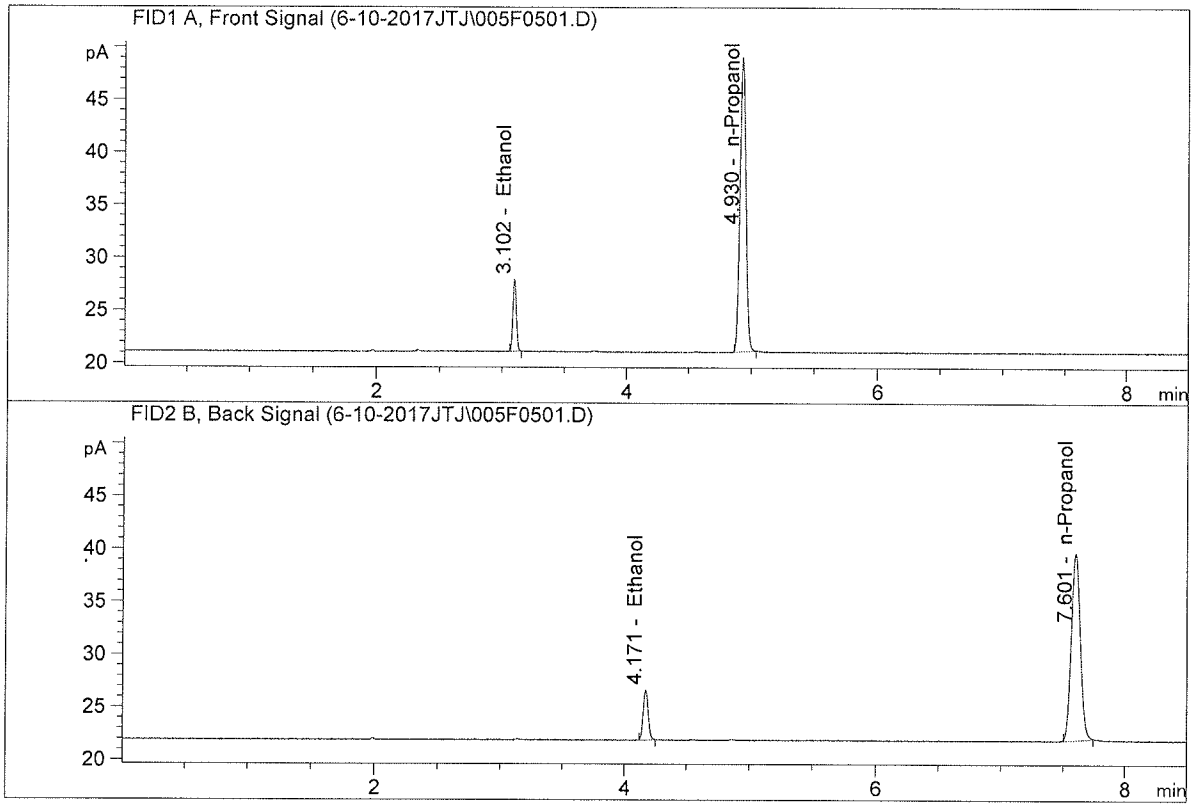


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.72633	0.0746	g/100cc
2.	Ethanol	Column 2:	12.59647	0.0740	g/100cc
3.	n-Propanol	Column 1:	89.48792	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.96199	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1-B
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.15107	0.0758	g/100cc
2.	Ethanol	Column 2:	13.02222	0.0753	g/100cc
3.	n-Propanol	Column 1:	90.99918	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.35858	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN09051304 **Analysis Date(s): 10 Jun 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0804	0.0797	0.0007	0.0800	0.0817	
(g/100cc)	0.0838	0.0831	0.0007	0.0834		

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: MD-96GF641

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

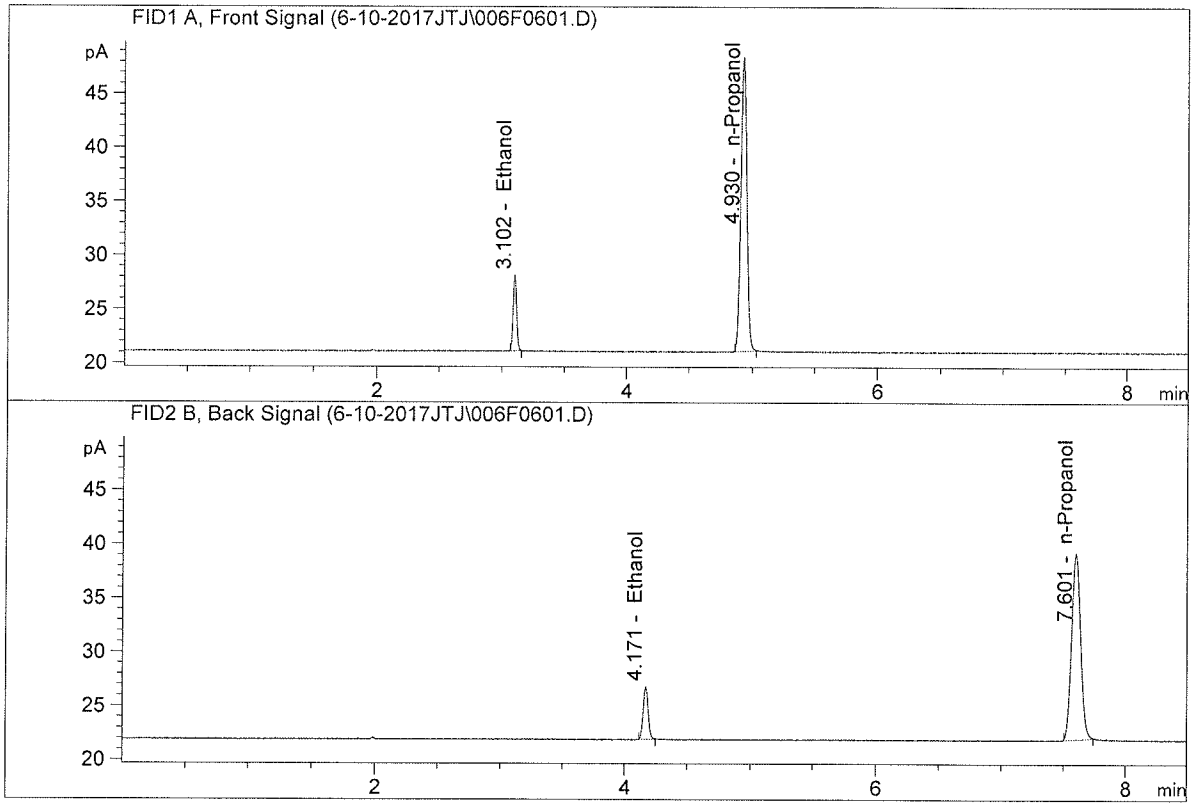
Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	0.076	0.086	0.005

	Reported Result	
	0.081	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

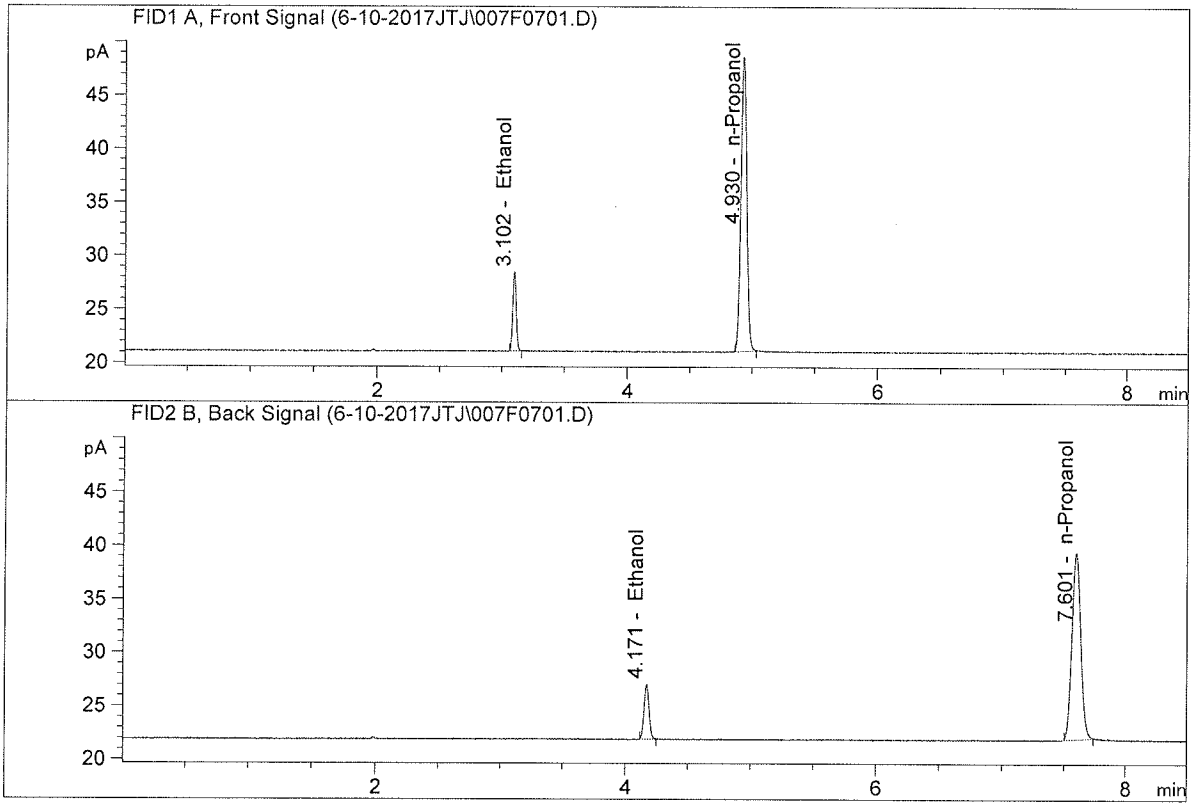
Sample Name : 0.08 FN09051304-A
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.60394	0.0804	g/100cc
2.	Ethanol	Column 2:	13.41183	0.0797	g/100cc
3.	n-Propanol	Column 1:	88.73550	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.97649	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN09051304-B
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.30019	0.0838	g/100cc
2.	Ethanol	Column 2:	14.12047	0.0831	g/100cc
3.	n-Propanol	Column 1:	89.58946	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.78687	1.0000	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2 **Analysis Date(s): 10 Jun 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1936	0.1933	0.0003	0.1934	0.1938	
(g/100cc)	0.1940	0.1943	0.0003	0.1941		

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: MD-96GF641

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

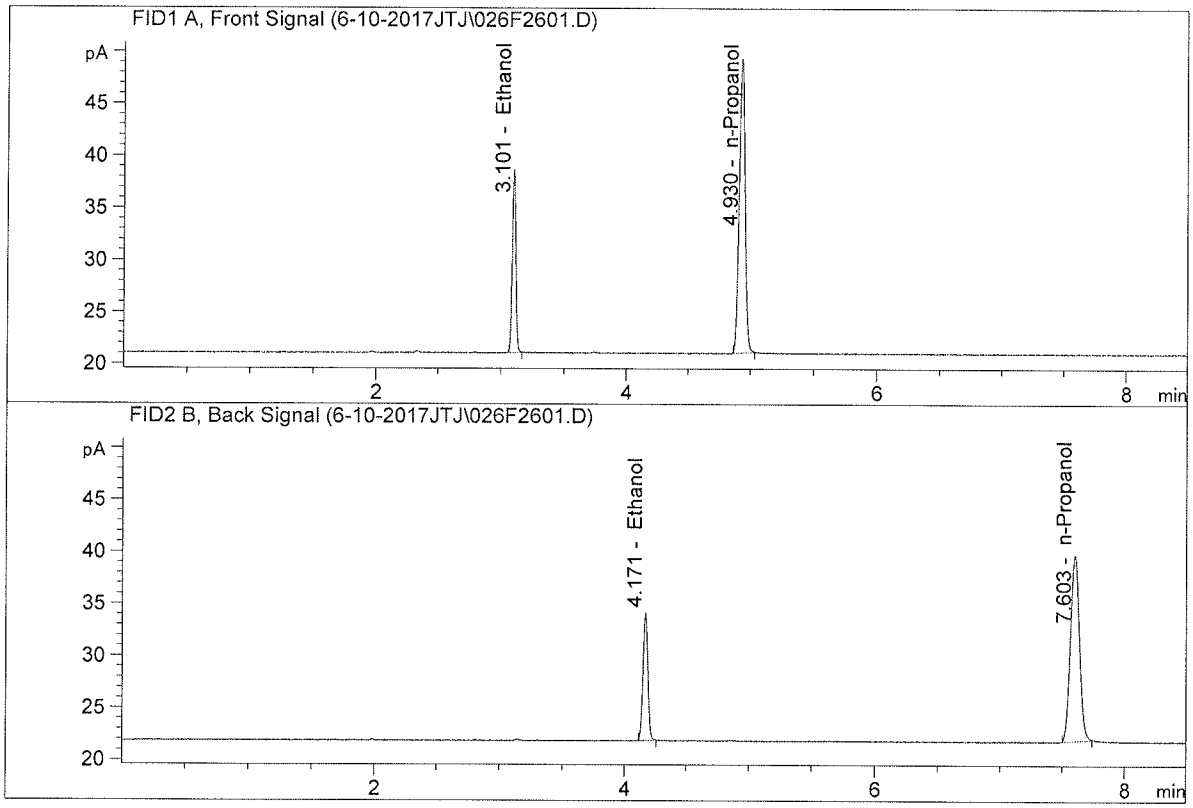
Overall Mean (g/100cc)	Low	High	5% of Mean
0.193	**0.183**	**0.203**	**0.010**

	Reported Result	
	0.193	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

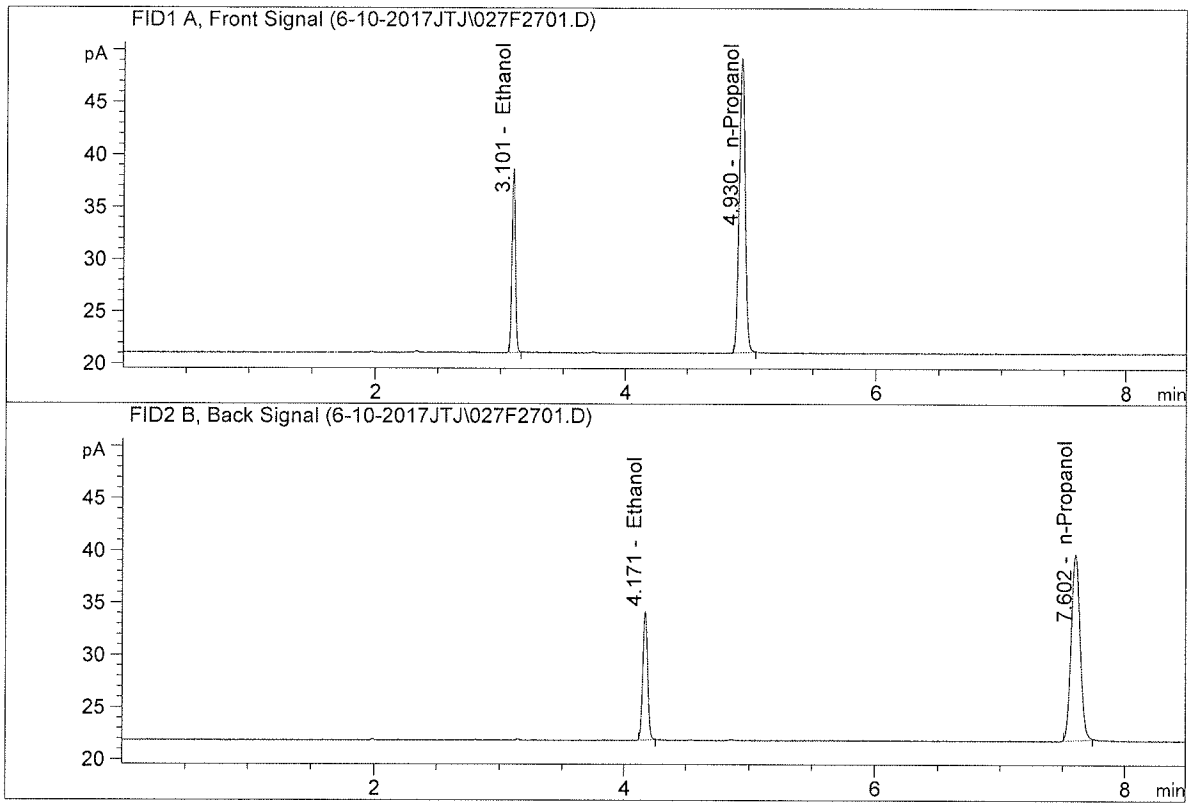
Sample Name : QC-2-A
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	33.90603	0.1936	g/100cc
2.	Ethanol	Column 2:	33.60267	0.1933	g/100cc
3.	n-Propanol	Column 1:	91.87420	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.79623	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name	:	QC-2-B
Laboratory	:	Coeur d' Alene
Injection Date	:	Jun 10, 2017
Method	:	ALCOHOL.M
Acq. Instrument	:	CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	33.93293	0.1940	g/100cc
2.	Ethanol	Column 2:	33.67663	0.1943	g/100cc
3.	n-Propanol	Column 1:	91.76173	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.53851	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2 **Analysis Date(s): 10 Jun 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1957	0.1959	0.0002	0.1958	0.1951	
(g/100cc)	0.1944	0.1944	0.0000	0.1944		

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: MD-96GF641

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.195	**0.185**	**0.205**	**0.010**

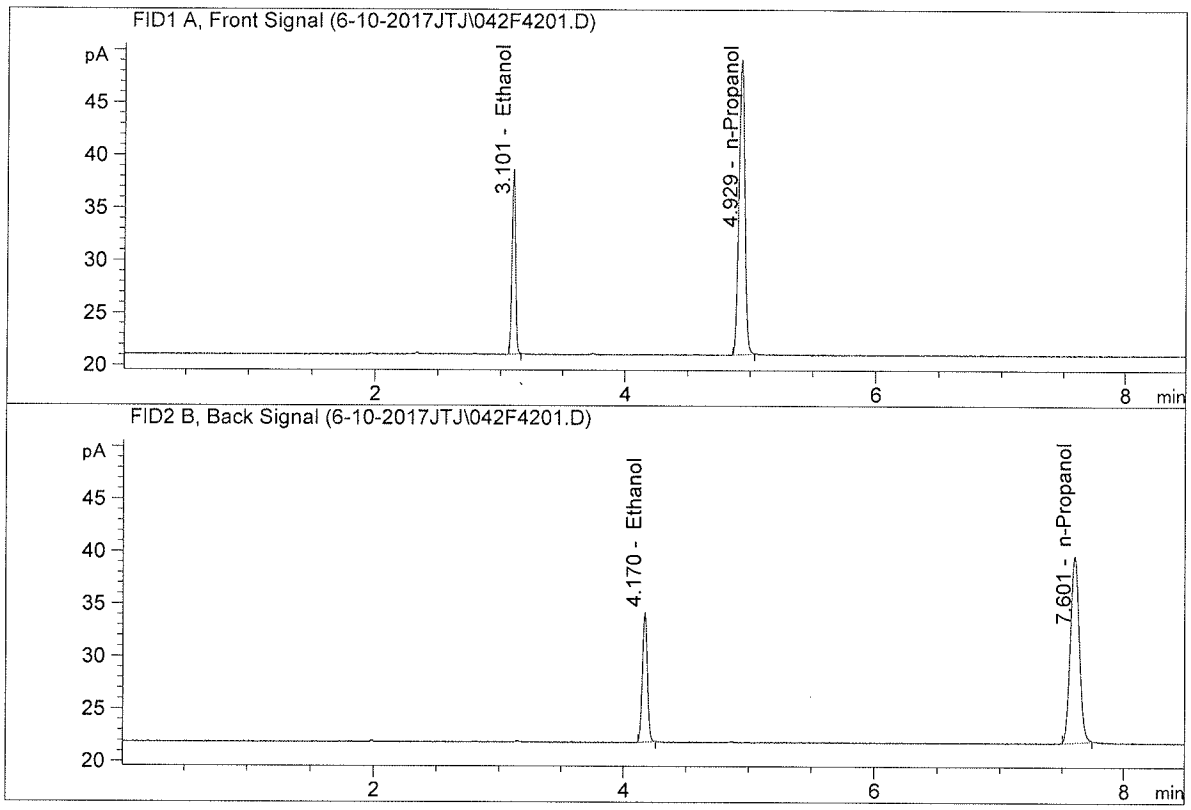
	Reported Result	
	0.195	

Calibration and control data are stored centrally.

99

ISP Forensic Services Blood Alcohol Report

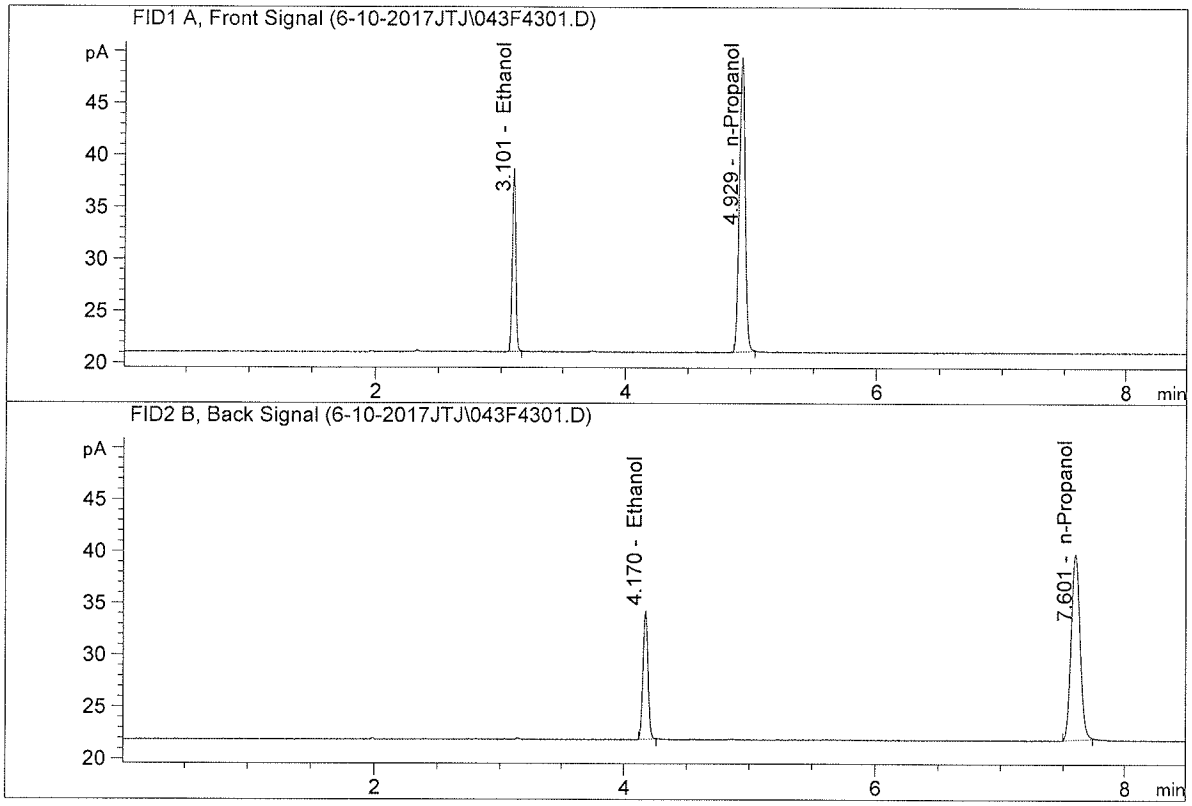
Sample Name	:	QC-2-A
Laboratory	:	Coeur d' Alene
Injection Date	:	Jun 10, 2017
Method	:	ALCOHOL.M
Acq. Instrument	:	CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	33.97545	0.1957	g/100cc
2.	Ethanol	Column 2:	33.75621	0.1959	g/100cc
3.	n-Propanol	Column 1:	91.09748	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.02418	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

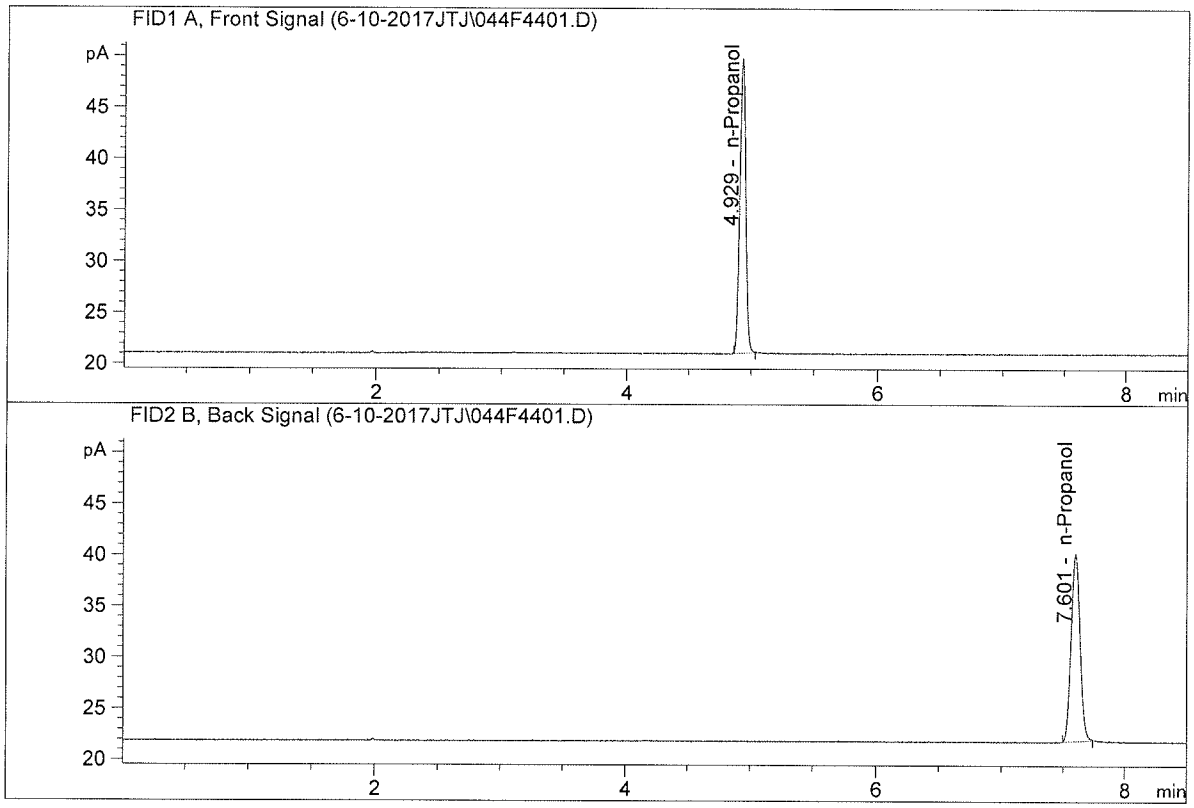
Sample Name : QC-2-B
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	34.16430	0.1944	g/100cc
2.	Ethanol	Column 2:	33.85001	0.1944	g/100cc
3.	n-Propanol	Column 1:	92.20631	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.98655	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

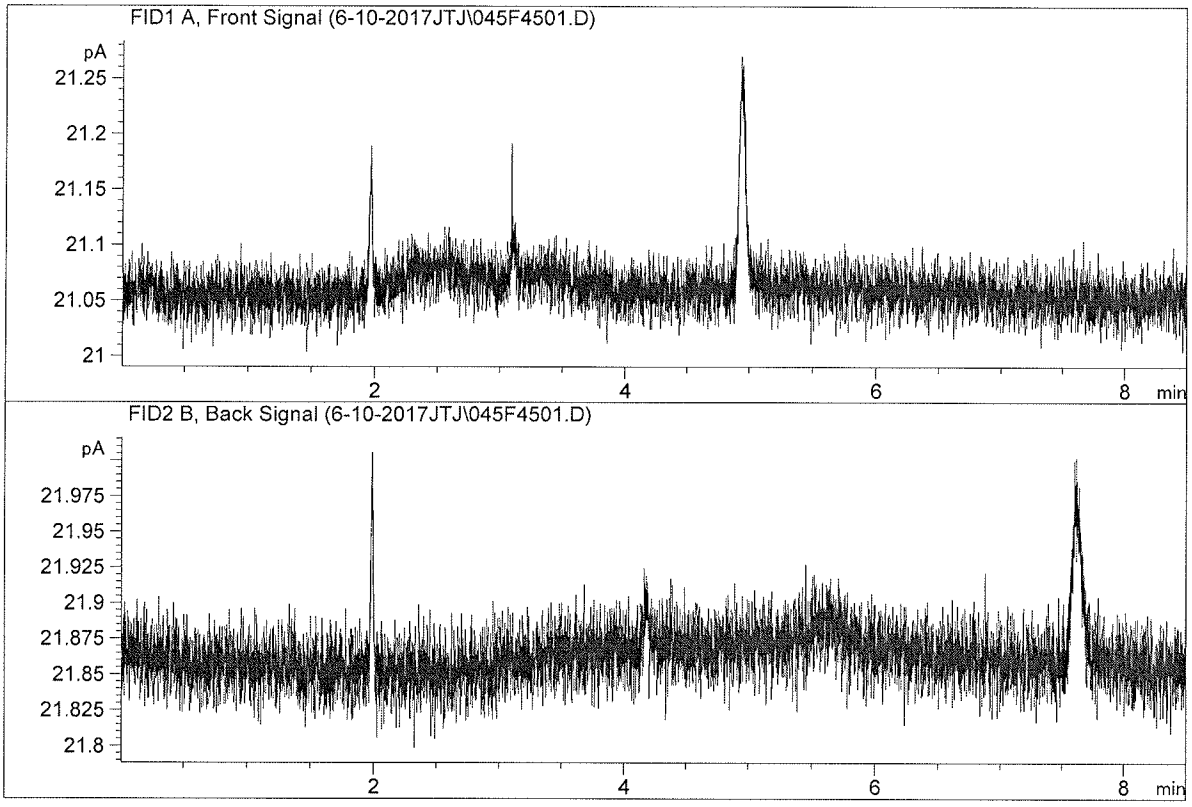


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	93.54822	1.0000	g/100cc
4.	n-Propanol	Column 2:	91.68159	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : water
Laboratory : Coeur d' Alene
Injection Date : Jun 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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