7/1/2020

Worklist: 4343

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2020-1147	1	BCK	Alcohol Analysis
C2020-1186	1	BCK	Alcohol Analysis
C2020-1192	1	BCK	Alcohol Analysis
C2020-1194	1	BCK	Alcohol Analysis
C2020-1202	1	BCK	Alcohol Analysis
C2020-1206	1	BCK	Alcohol Analysis
M2020-1777	2	BCK	Alcohol Analysis
P2020-1246	2	BCK	Alcohol Analysis
P2020-1457	1	BCK	Alcohol Analysis
P2020-1528	1	BCK	Alcohol Analysis
P2020-1529	1	BCK	Alcohol Analysis
P2020-1628	1	BCK	Alcohol Analysis
P2020-1630	1	BCK	Alcohol Analysis
P2020-1630	2	BCK	Alcohol Analysis
P2020-1631	1	BCK	Alcohol Analysis
P2020-1631	2	BCK	Alcohol Analysis
P2020-1643	1	BCK	Alcohol Analysis
P2020-1675	1	BCK	Alcohol Analysis
P2020-1678	1	BCK	Alcohol Analysis

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls **Run Date(s): 6-30-20**

worklist #4343

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0757 g/100cc
					0.0777 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1950 g/100cc
					g/100cc
					g/100cc

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

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0497	0.0492	0.0005	0.0494
100	0.100	0.090 - 0.110	0.0984	0.0981	0.0003	0.0982
200	0.200	0.180 - 0.220	0.2008	0.2004	0.0004	0.2006
300	0.300	0.270 - 0.330	0.2990	0.2980	0.001	0.2985
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5006	0.5015	0.0009	0.501

Aqueous Controls

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

Revision: 2
Issue Date: 12/23/2019
Issuing Authority: Quality Manager

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_30.06.2020_12.03.40\6-30-2020.S

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_30.06.2020_12.03.40\6-30-2020.S
Data directory path: C:\Chem32\1\Data\6-30-20SVJ
Logbook: C:\Chem32\1\Data\6-30-20SVJ\6-30-2020.LOG
Sequence start: 6/30/2020 12:17:26 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	water-1	-	1.0000	001F0101.D		0
2	2	1	VOL MIX FN-06041	-	1.0000	002F0201.D		10
3	3	1	ISTD BLANK-1	-	1.0000	003F0301.D		2
4	4	1	QC-1(1)-A	-	1.0000	004F0401.D		4
5	5	1	QC-1(1)-B	-	1.0000	005F0501.D		4
6	6	1	0.08 FN09181807-	-	1.0000	006F0601.D		4
7	7	1	0.08 FN09181807-	-	1.0000	007F0701.D		4
8	8	1	C2020-1147-1-A	-	1.0000	008F0801.D		4
9	9	1	C2020-1147-1-B	-	1.0000	009F0901.D		4
10	10	1	C2020-1186-1-A	-	1.0000	010F1001.D		2
11	11	1	C2020-1186-1-B	-	1.0000	011F1101.D		2
12	12	1	C2020-1192-1-A	-	1.0000	012F1201.D		4
13	13	1	C2020-1192-1-B	-	1.0000	013F1301.D		4
14	14	1	C2020-1194-1-A	-	1.0000	014F1401.D		4
15	15	1	C2020-1194-1-B	-	1.0000	015F1501.D		4
16	16	1	C2020-1202-1-A	-	1.0000	016F1601.D		4
17	17	1	C2020-1202-1-B	-	1.0000	017F1701.D		4
18	18	1	C2020-1206-1-A	-	1.0000	018F1801.D		4
19	19	1	C2020-1206-1-B	-	1.0000	019F1901.D		4
20	20	1	M2020-1777-2-A	-	1.0000	020F2001.D		6
21	21	1	M2020-1777-2-B	-	1.0000	021F2101.D		6
22	22	1	P2020-1246-2-A	-	1.0000	022F2201.D		4
23	23	1	P2020-1246-2-B	-	1.0000	023F2301.D		4
24	24	1	P2020-1457-1-A	-	1.0000	024F2401.D		6
25	25	1	P2020-1457-1-B	-	1.0000	025F2501.D		6
26	26	1	QC-2(1)-A	-	1.0000	026F2601.D		4
27	27	1	QC-2(1)-B 1528 MN	-	1.0000	027F2701.D		4
28	28	1	P2020-~~1458~~-1-A 7-1-20	-	1.0000	028F2801.D		6
29	29	1	P2020-~~1458~~-1-B	-	1.0000	029F2901.D		6
30	30	1	P2020-1529-1-A	-	1.0000	030F3001.D		6
31	31	1	P2020-1529-1-B	-	1.0000	031F3101.D		6
32	32	1	P2020-1628-1-A	-	1.0000	032F3201.D		2
33	33	1	P2020-1628-1-B	-	1.0000	033F3301.D		2
34	34	1	P2020-1630-1-A	-	1.0000	034F3401.D		2
35	35	1	P2020-1630-1-B	-	1.0000	035F3501.D		2
36	36	1	P2020-1631-1-A	-	1.0000	036F3601.D		2
37	37	1	P2020-1631-1-B	-	1.0000	037F3701.D		2
38	38	1	P2020-1631-2-A	-	1.0000	038F3801.D		2
39	39	1	P2020-1631-2-B	-	1.0000	039F3901.D		2
40	40	1	P2020-1643-1-A	-	1.0000	040F4001.D		6
41	41	1	P2020-1643-1-B	-	1.0000	041F4101.D		6
42	42	1	P2020-1675-1-A	-	1.0000	042F4201.D		6
43	43	1	P2020-1675-1-B	-	1.0000	043F4301.D		6
44	44	1	P2020-1678-1-A	-	1.0000	044F4401.D		6
45	45	1	P2020-1678-1-B	-	1.0000	045F4501.D		5
46	46	1	QC-1(2)-A	-	1.0000	046F4601.D		4

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_30.06.2020_12.03.40\6-30-2020.S

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
47	47	1	QC-1(2)-B	-	1.0000	047F4701.D		4
48	48	1	0.05 CHECK	-	1.0000	048F4801.D		4
49	49	1	0.100 CHECK	-	1.0000	049F4901.D		4
50	50	1	0.200 CHECK	-	1.0000	050F5001.D		4
51	51	1	0.300 CHECK	-	1.0000	051F5101.D		4
52	52	1	0.500 CHECK	-	1.0000	052F5201.D		4
53	53	1	ISTD BLANK-2	-	1.0000	053F5301.D		2
54	54	1	water-2	-	1.0000	054F5401.D		0

Calibration Table

General Calibration Setting

Calib. Data Modified : Tuesday, June 30, 2020 10:57:24 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 : 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

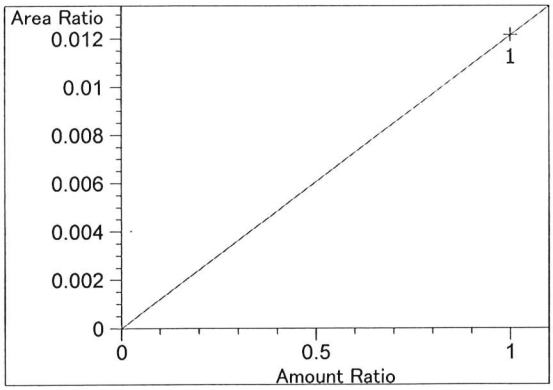
Method C:\CHEM32\1\METHODS\ALCOHOL.M

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.977	2	1	1.00000	1.06794	9.36380e-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
3.110	1	1	5.00000e-2	8.80310	5.67982e-3	No	No	1	Ethanol
		2	1.00000e-1	18.00646	5.55356e-3				
		3	2.00000e-1	36.95490	5.41200e-3				
		4	3.00000e-1	54.10688	5.54458e-3				
		5	5.00000e-1	90.86244	5.50282e-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
4.182	2	1	5.00000e-2	8.85032	5.64952e-3	No	No	2	Ethanol
		2	1.00000e-1	18.21084	5.49124e-3				
		3	2.00000e-1	37.23636	5.37109e-3				
		4	3.00000e-1	54.46504	5.50812e-3				
		5	5.00000e-1	91.35945	5.47289e-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
4.944	1	1	1.00000	89.84505	1.11303e-2	No	Yes	1	n-Propanol
		2	1.00000	92.89488	1.07649e-2				
		3	1.00000	93.43957	1.07021e-2				
		4	1.00000	91.86665	1.08853e-2				
		5	1.00000	92.14440	1.08525e-2				
7.623	2	1	1.00000	87.83803	1.13846e-2	No	Yes	2	n-Propanol
		2	1.00000	90.68390	1.10273e-2				
		3	1.00000	90.78173	1.10154e-2				
		4	1.00000	89.31856	1.11959e-2				
		5	1.00000	89.01773	1.12337e-2				

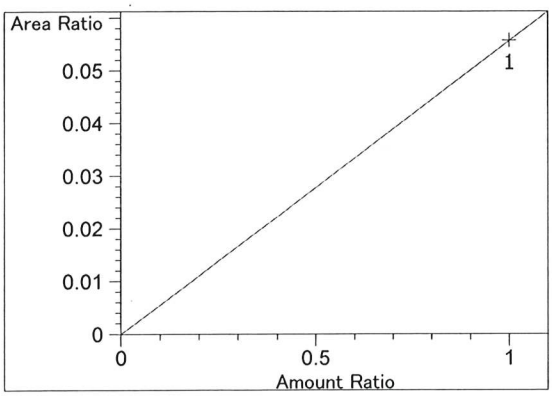
Peak Sum Table

No Entries in table

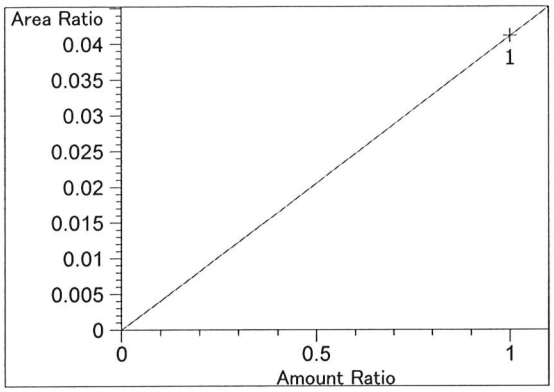
Calibration Curves



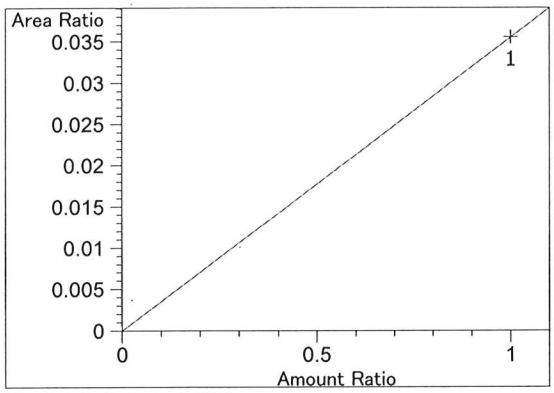
Difluoroethane at exp. RT: 1.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.21581e-2
x: Amount Ratio
y: Area Ratio



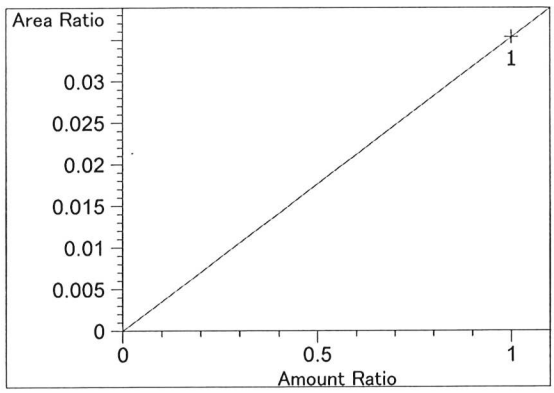
Difluoroethane at exp. RT: 2.000
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.56514e-2
x: Amount Ratio
y: Area Ratio



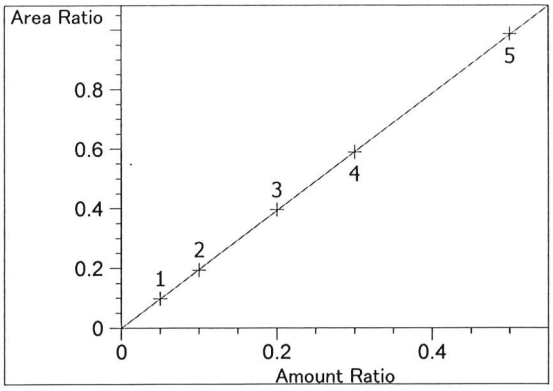
Methanol at exp. RT: 2.494
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.11452e-2
x: Amount Ratio
y: Area Ratio



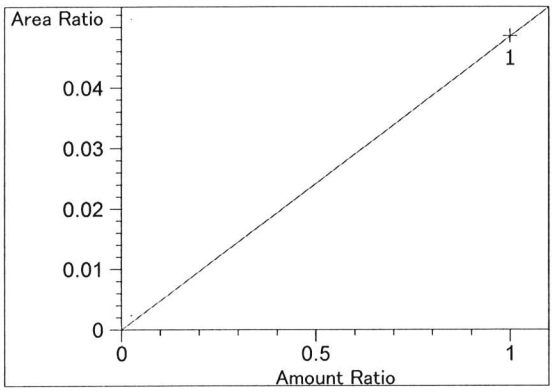
Acetaldehyde at exp. RT: 2.772
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.55402e-2
x: Amount Ratio
y: Area Ratio



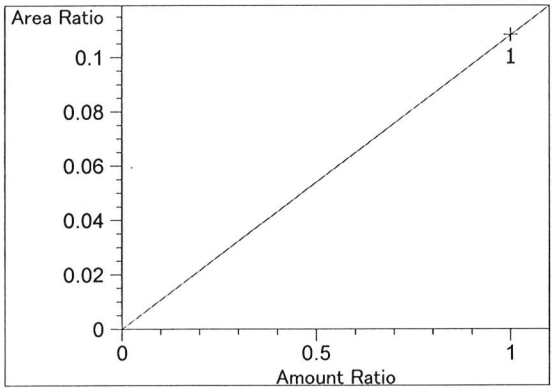
Acetaldehyde at exp. RT: 2.797
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.53577e-2
x: Amount Ratio
y: Area Ratio



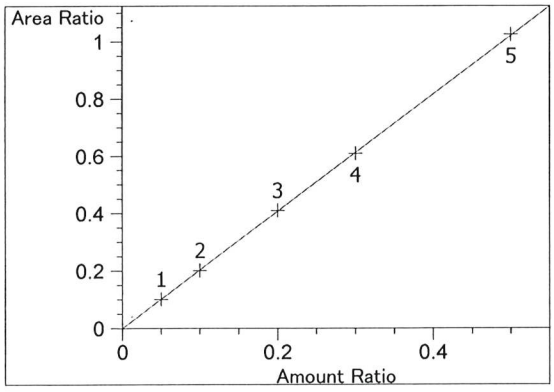
Ethanol at exp. RT: 3.110
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00211
Formula: y = mx
m: 1.96973
x: Amount Ratio
y: Area Ratio



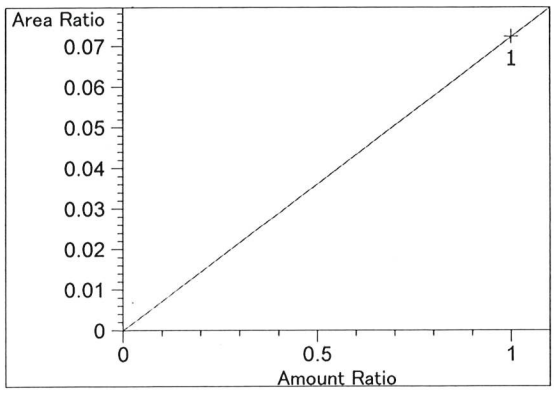
Methanol at exp. RT: 3.211
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.85055e-2
x: Amount Ratio
y: Area Ratio



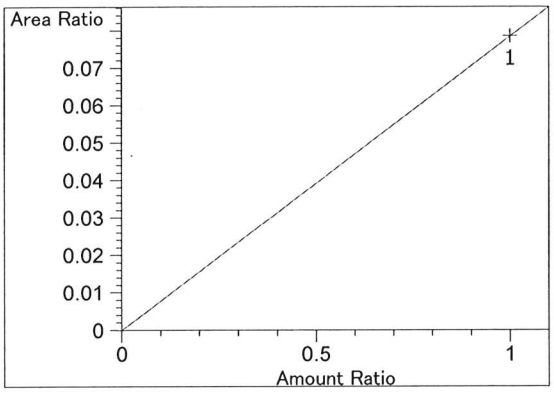
Isopropyl alcohol at exp. RT: 3.715
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.08304e-1
x: Amount Ratio
y: Area Ratio



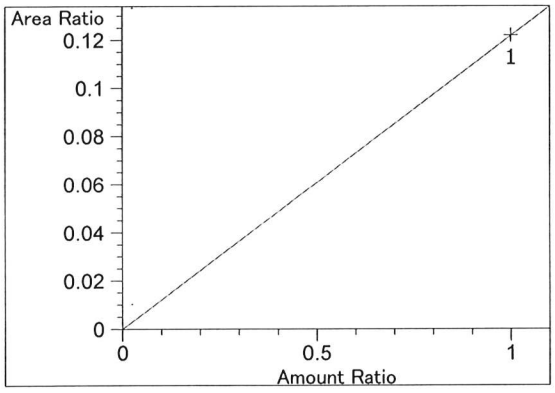
Ethanol at exp. RT: 4.182
FID2 B, Back Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00334
Formula: y = mx
m: 2.04648
x: Amount Ratio
y: Area Ratio



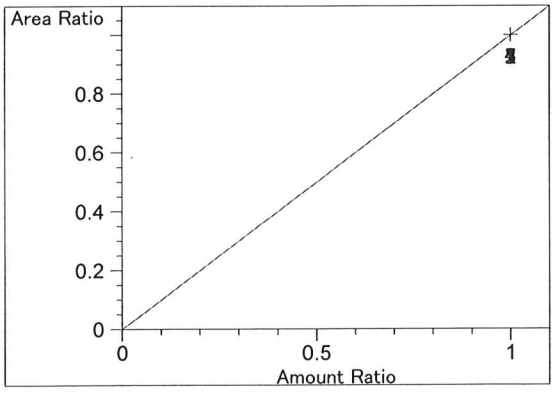
Acetone at exp. RT: 4.530
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.23401e-2
x: Amount Ratio
y: Area Ratio



Acetone at exp. RT: 4.549
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.84741e-2
x: Amount Ratio
y: Area Ratio

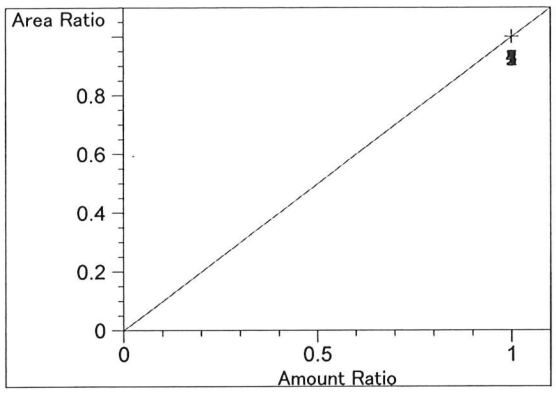


Isopropyl alcohol at exp. RT: 4.870
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.21888e-1
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 4.944
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

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



n-Propanol at exp. RT: 7.623
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

==========

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_30.06.2020_09.13.08\6-30-20cal.S

Sample Summary

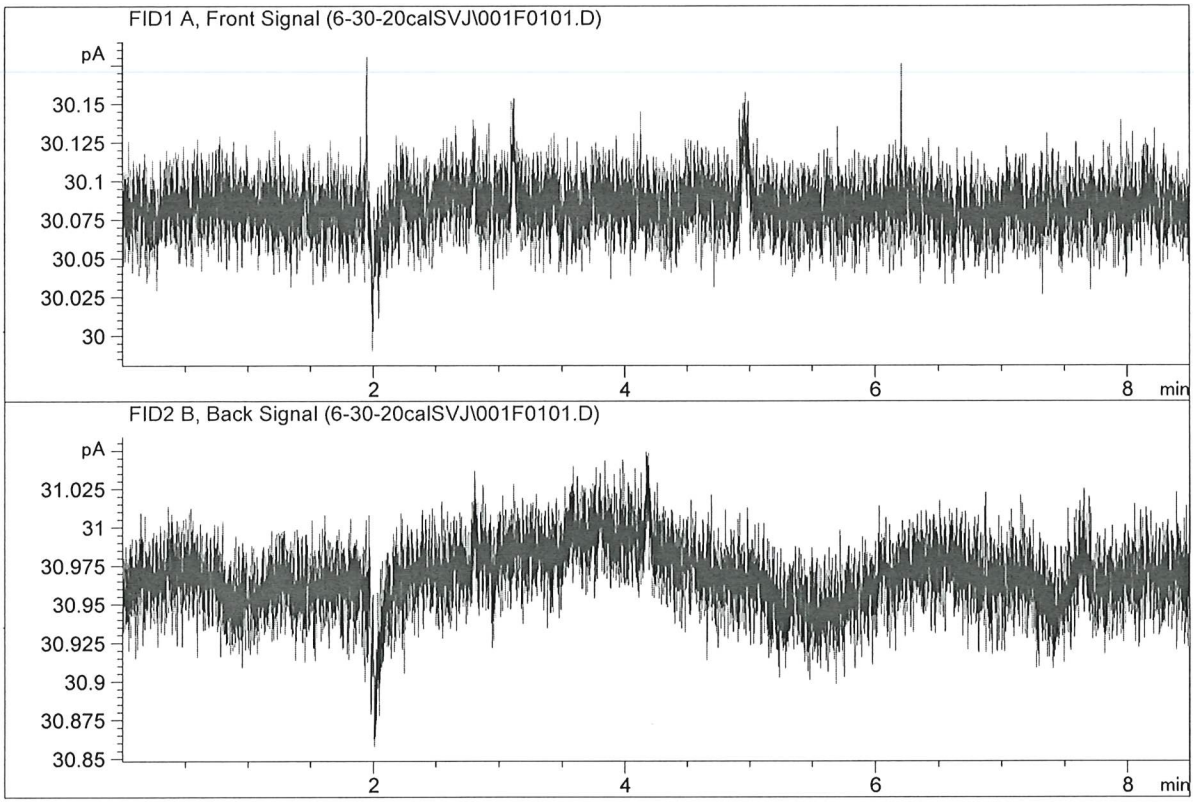
Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_30.06.2020_09.13.08\6-30-20cal.S
Data directory path: C:\Chem32\1\Data\6-30-20calSVJ
Logbook: C:\Chem32\1\Data\6-30-20calSVJ\6-30-20cal.LOG
Sequence start: 6/30/2020 9:26:59 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

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	WATER	-	1.0000	001F0101.D		0
2	2	1	0.05	-	1.0000	002F0201.D	*	4
3	3	1	0.100	-	1.0000	003F0301.D	*	4
4	4	1	0.200	-	1.0000	004F0401.D	*	4
5	5	1	0.300	-	1.0000	005F0501.D	*	4
6	6	1	0.500	-	1.0000	006F0601.D	*	4
7	7	1	blank	-	1.0000	007F0701.D		2

ISP Forensic Services Blood Alcohol Report

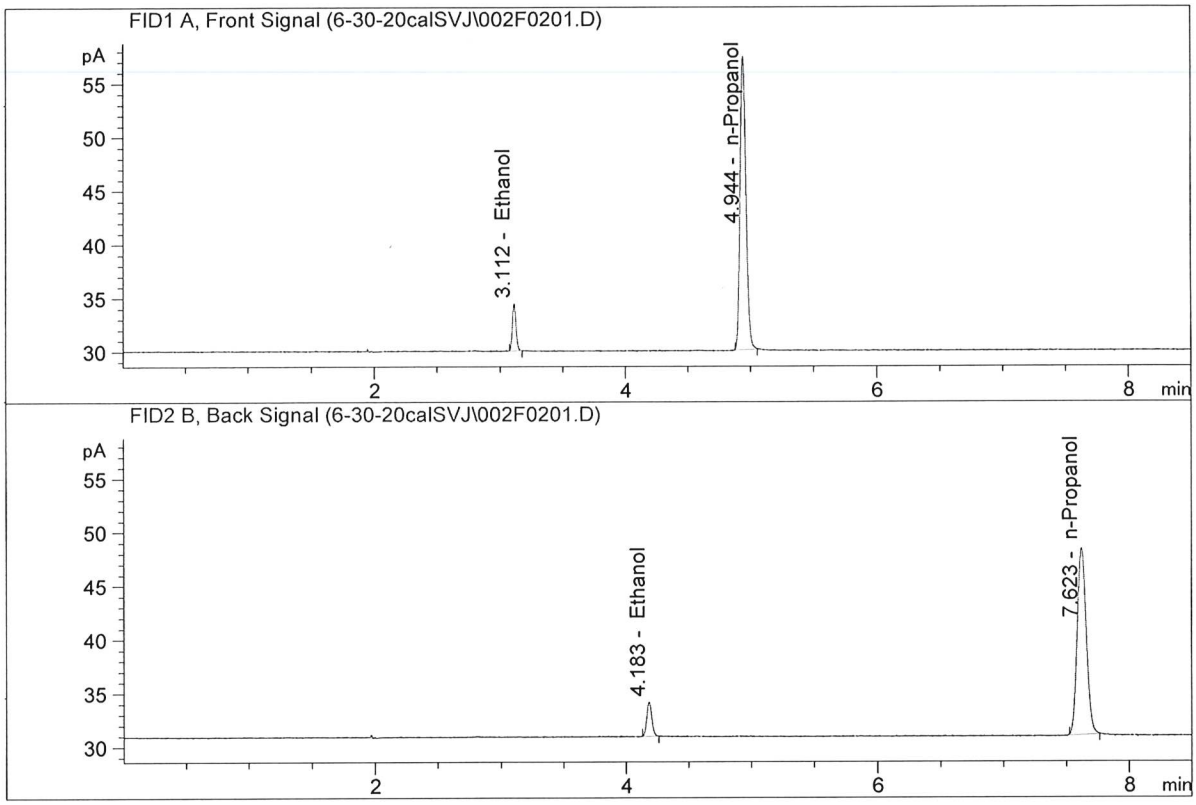
Sample Name : WATER
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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

ISP Forensic Services Blood Alcohol Report

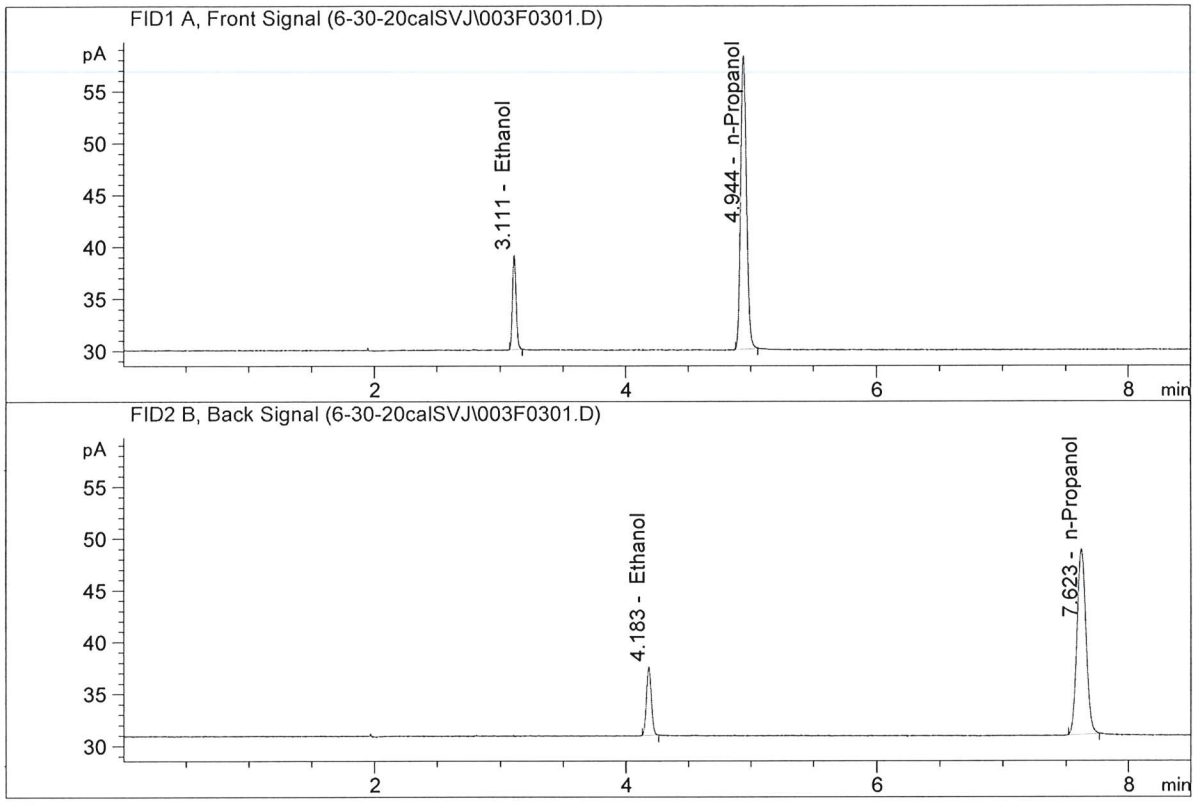
Sample Name : 0.05
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.80310	0.0497	g/100cc
2.	Ethanol	Column 2:	8.85032	0.0492	g/100cc
3.	n-Propanol	Column 1:	89.84505	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.83803	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

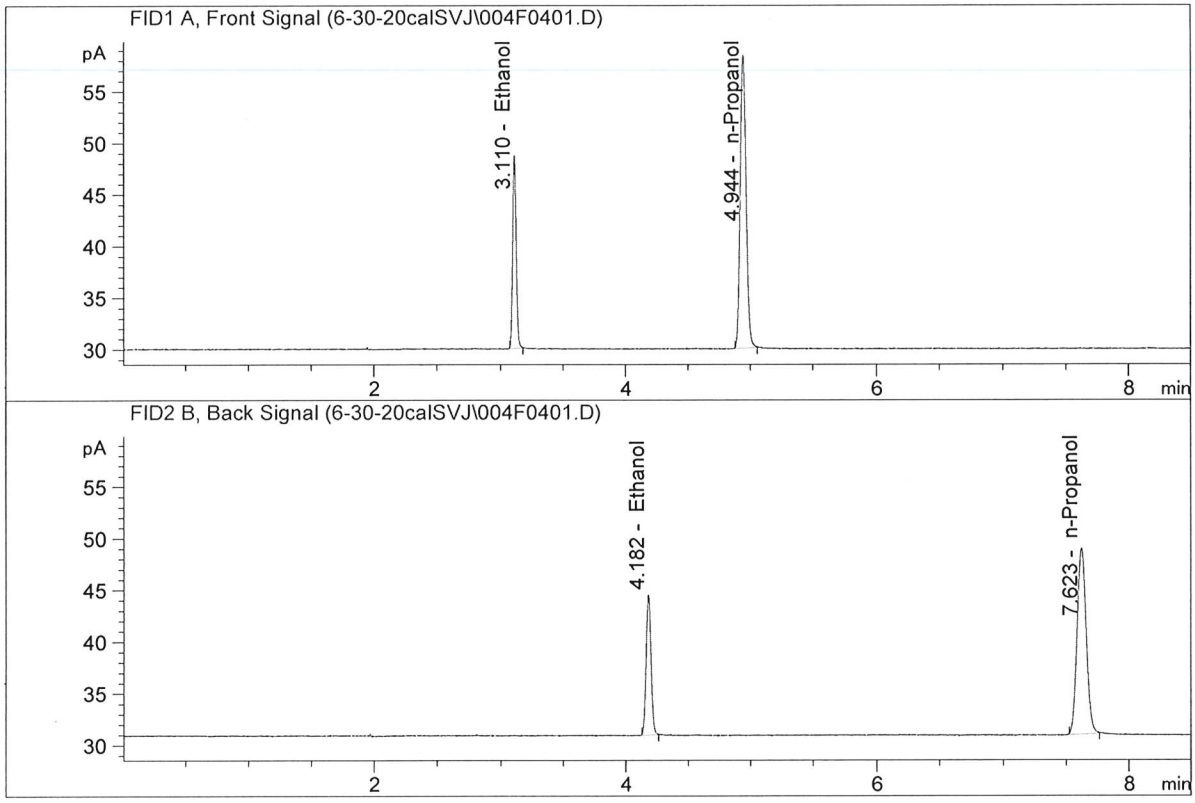
Sample Name : 0.100
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.00646	0.0984	g/100cc
2.	Ethanol	Column 2:	18.21084	0.0981	g/100cc
3.	n-Propanol	Column 1:	92.89488	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.68390	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

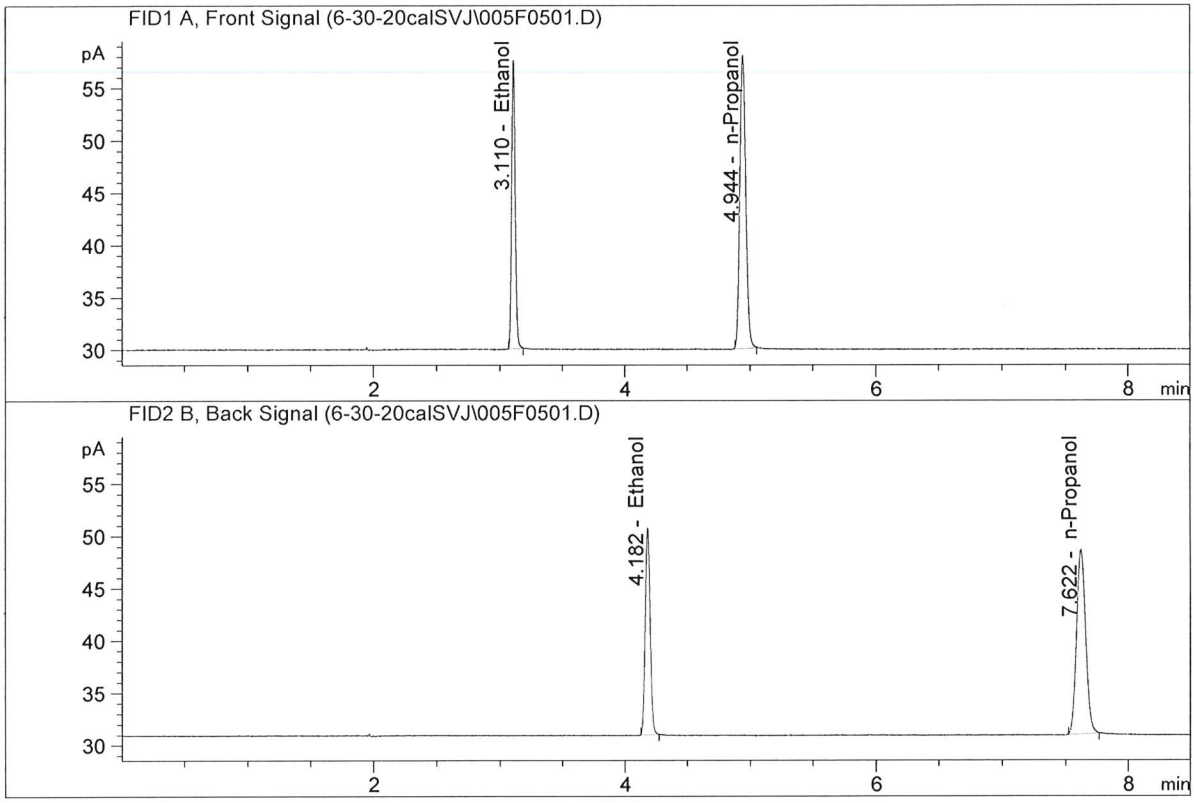
Sample Name : 0.200
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	36.95490	0.2008	g/100cc
2.	Ethanol	Column 2:	37.23636	0.2004	g/100cc
3.	n-Propanol	Column 1:	93.43957	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.78173	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

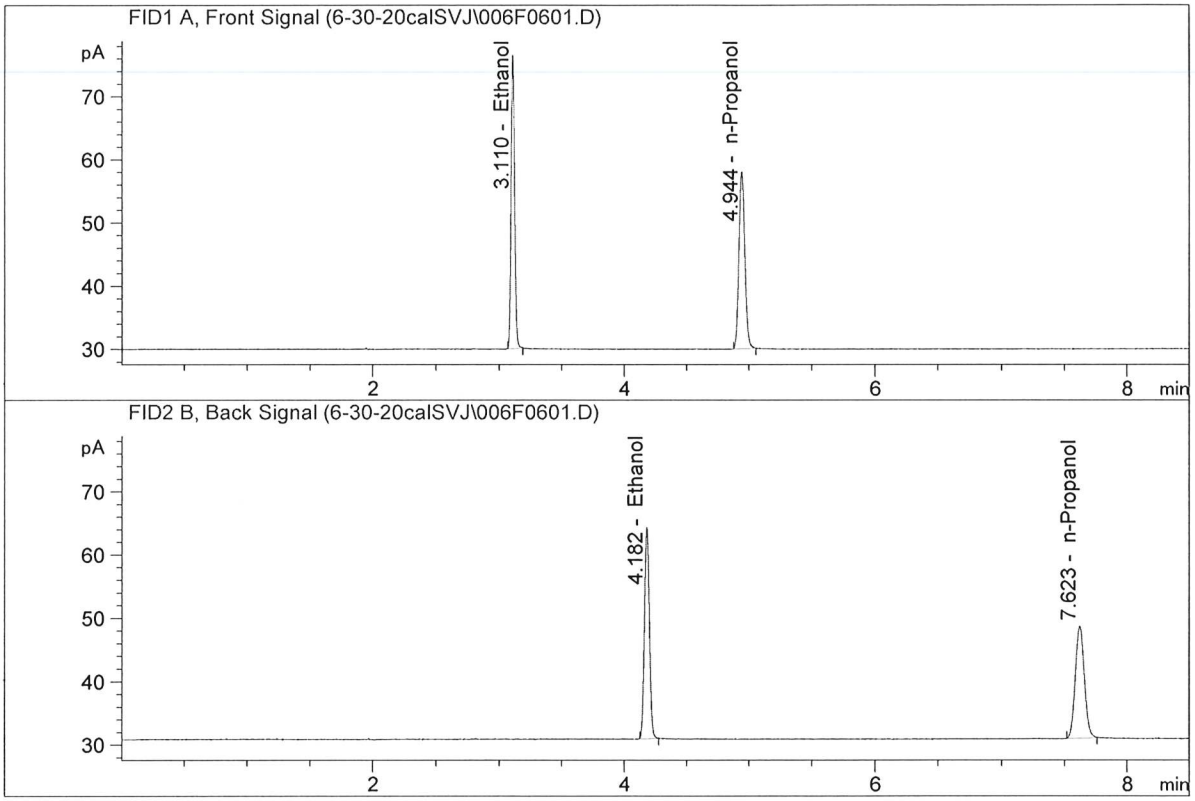
Sample Name : 0.300
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	54.10688	0.2990	g/100cc
2.	Ethanol	Column 2:	54.46504	0.2980	g/100cc
3.	n-Propanol	Column 1:	91.86665	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.31856	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

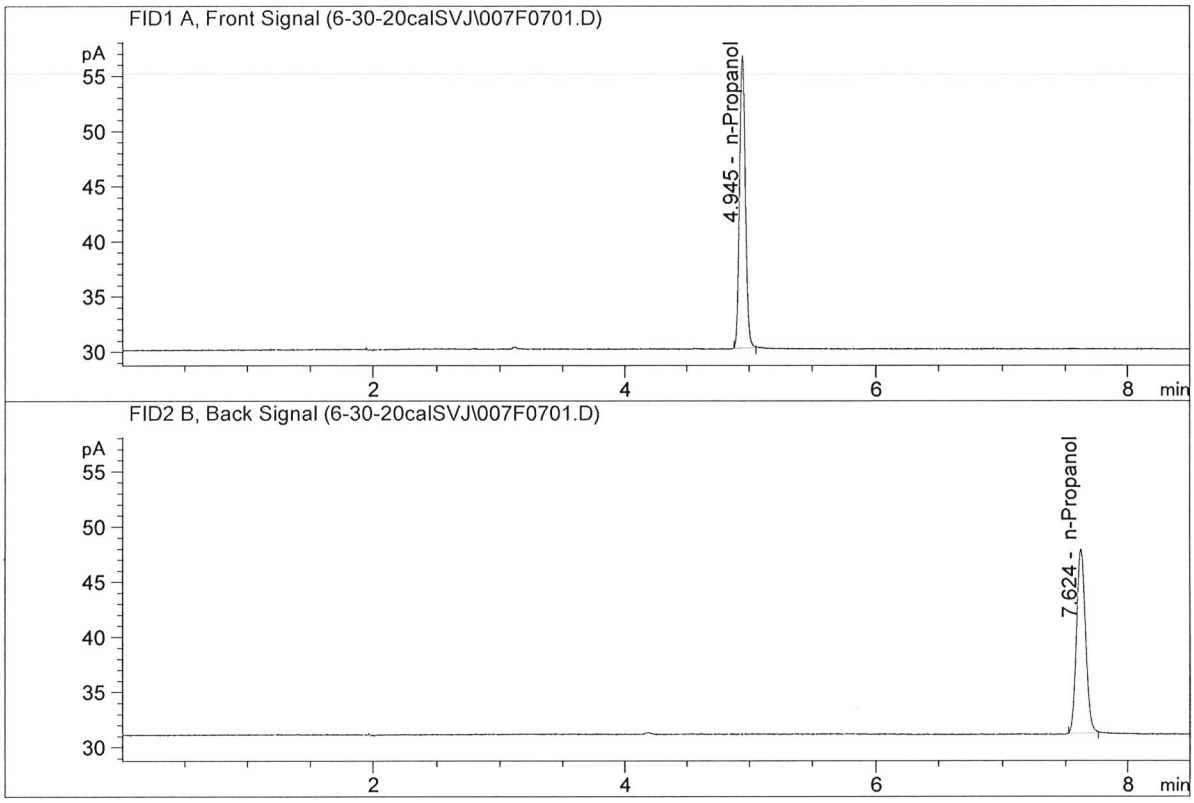
Sample Name : 0.500
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	90.86244	0.5006	g/100cc
2.	Ethanol	Column 2:	91.35945	0.5015	g/100cc
3.	n-Propanol	Column 1:	92.14440	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.01773	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

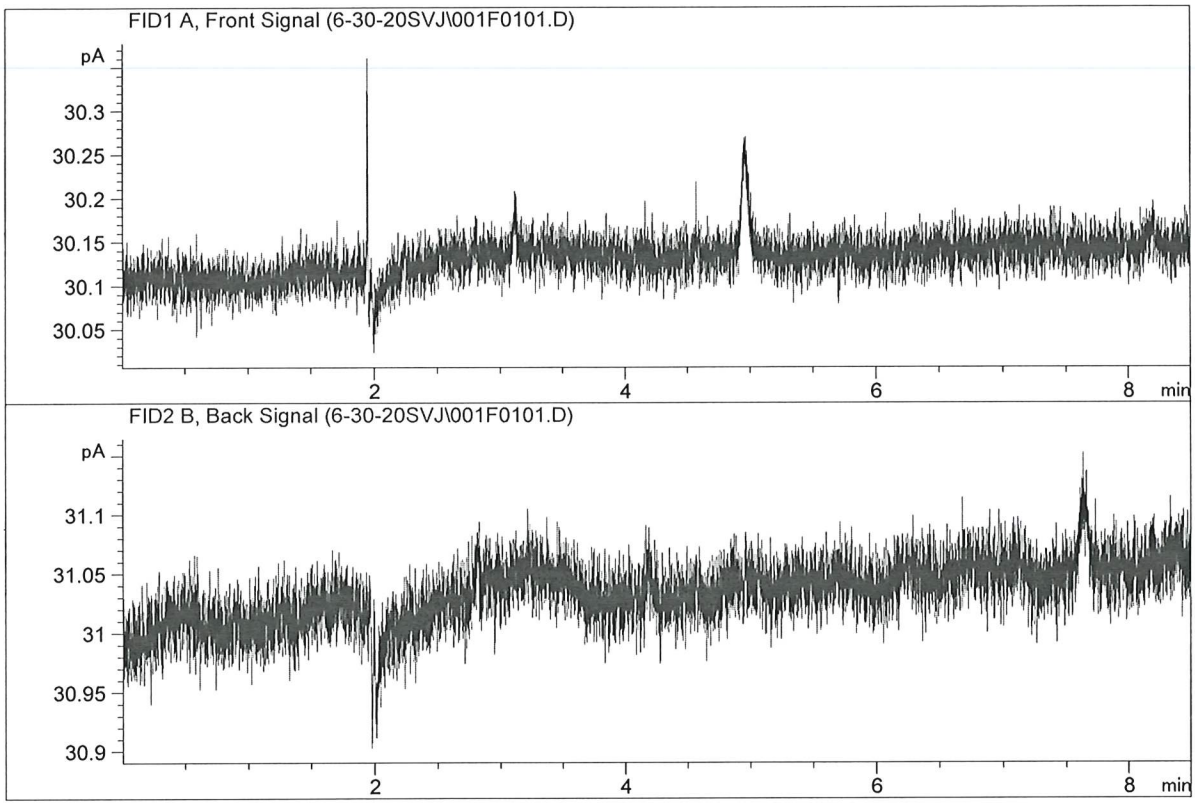
Sample Name : blank
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	87.14337	1.0000	g/100cc
4.	n-Propanol	Column 2:	84.58948	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

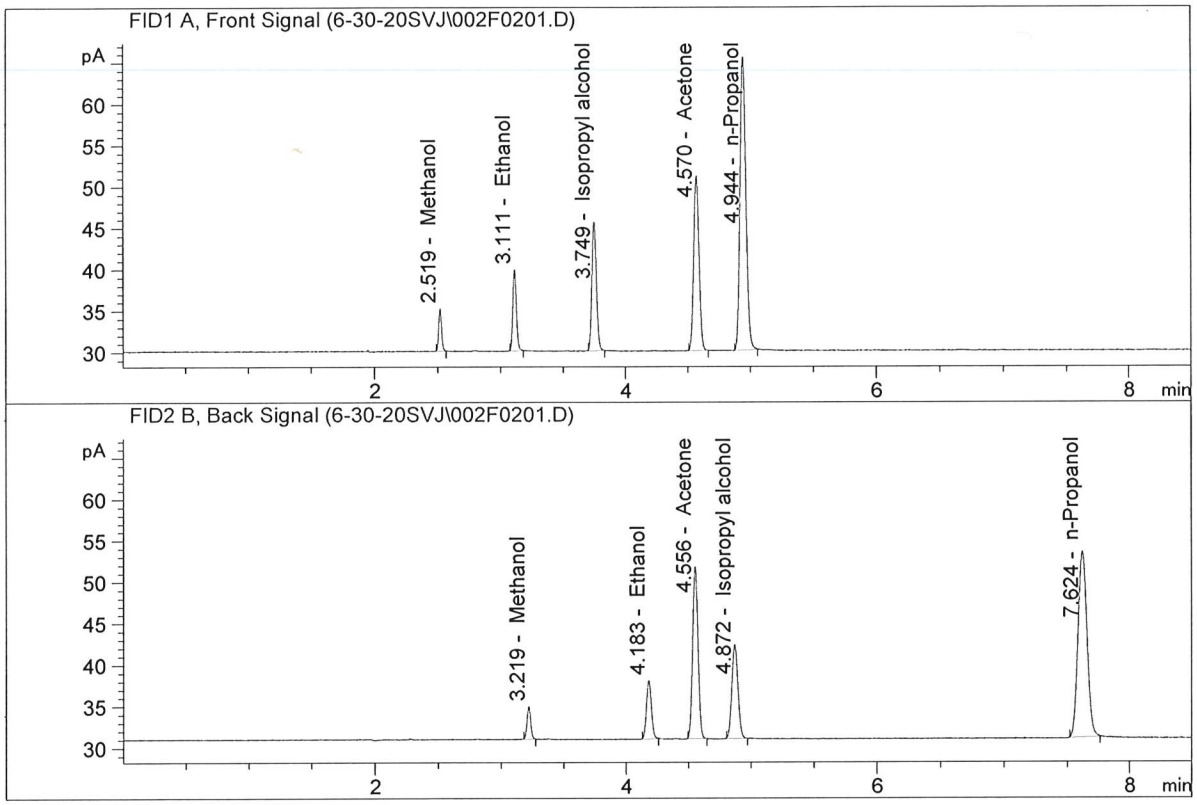
Sample Name : water-1
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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

ISP Forensic Services Blood Alcohol Report

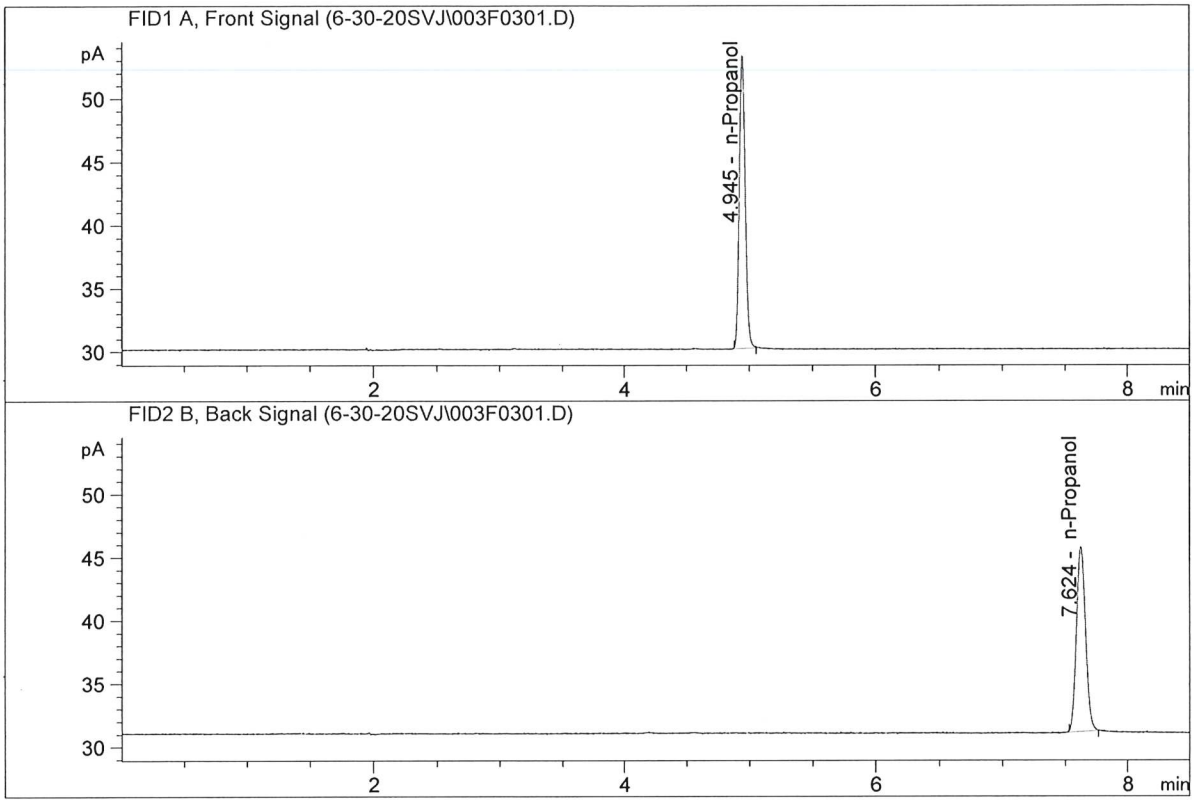
Sample Name : VOL MIX FN-06041502
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.44781	0.0853	g/100cc
2.	Ethanol	Column 2:	19.43277	0.0839	g/100cc
3.	n-Propanol	Column 1:	115.69292	1.0000	g/100cc
4.	n-Propanol	Column 2:	113.12966	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-1
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
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:	76.05177	1.0000	g/100cc
4.	n-Propanol	Column 2:	73.93613	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(1) **Analysis Date(s): 30 Jun 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0765	0.0760	0.0005	0.0762	0.0010	0.0757
(g/100cc)	0.0755	0.0750	0.0005	0.0752		

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%**

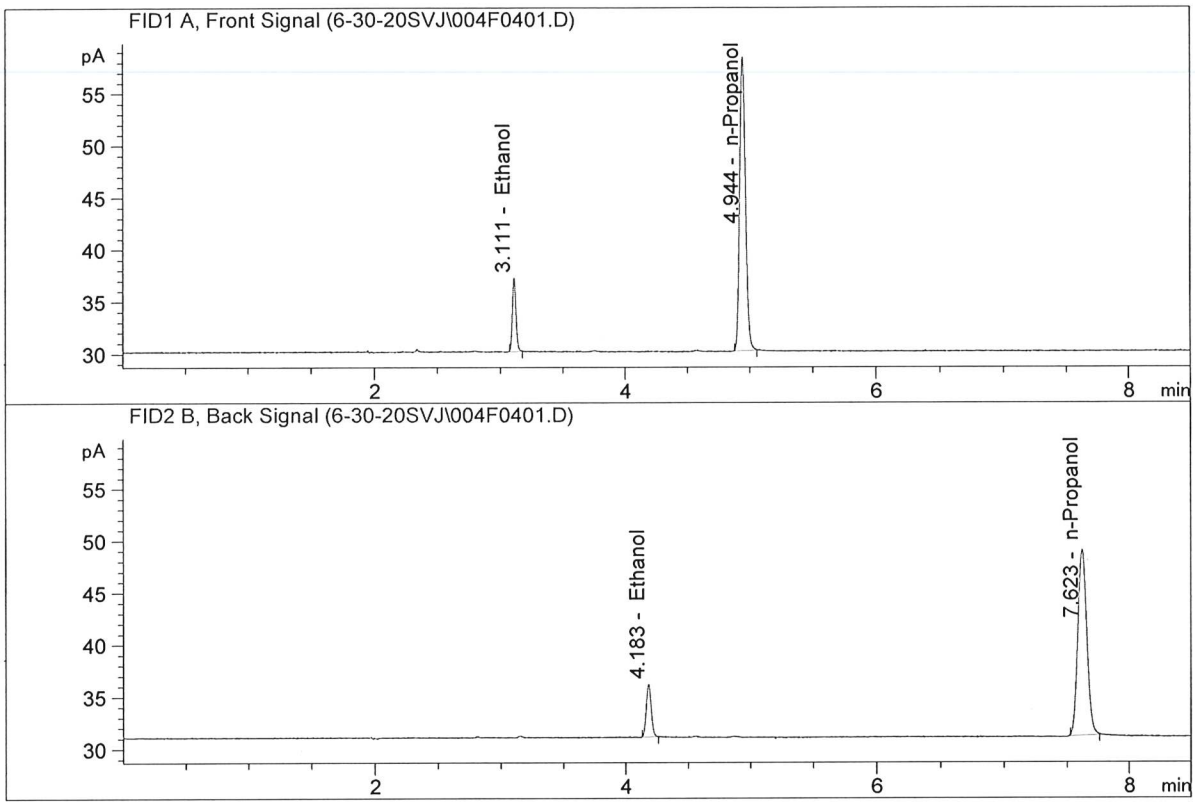
Overall Mean (g/100cc)	Low	High	5% of Mean
0.075	0.071	0.079	0.004

	Reported Result	
	0.075	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

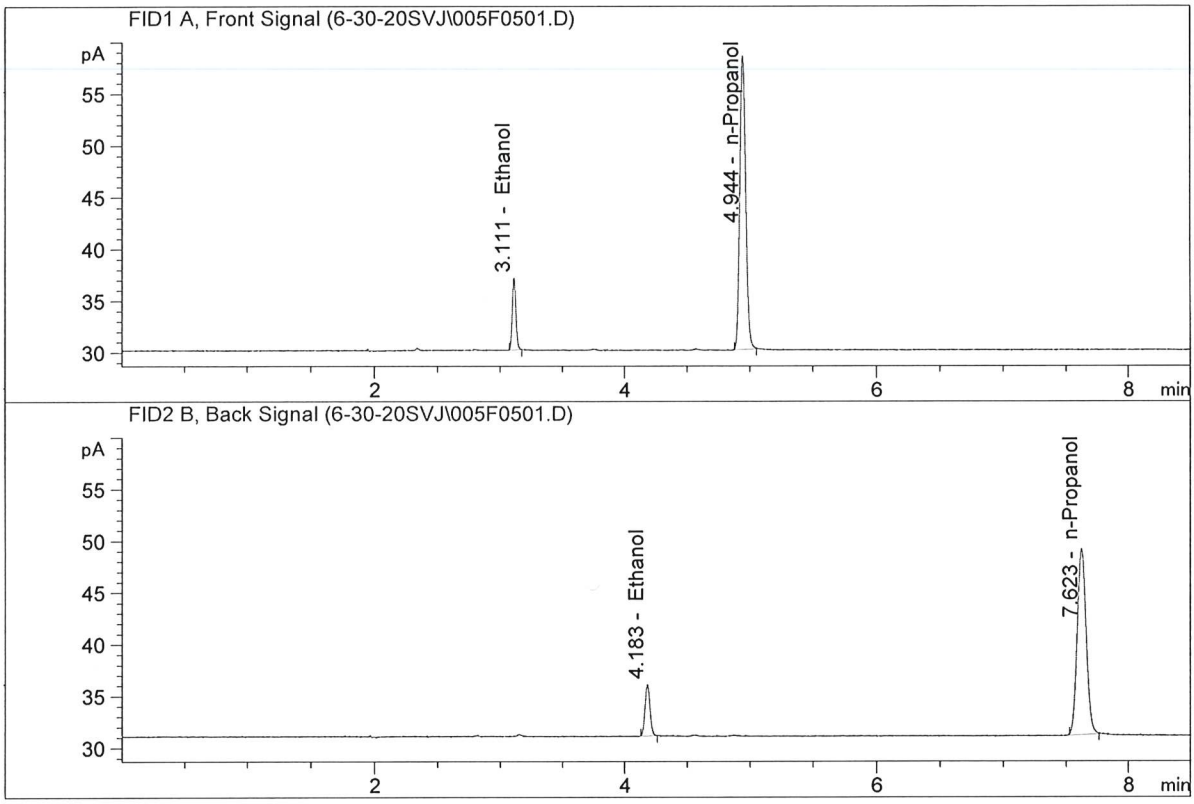
Sample Name : QC-1(1)-A
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.93561	0.0765	g/100cc
2.	Ethanol	Column 2:	13.96571	0.0760	g/100cc
3.	n-Propanol	Column 1:	92.49289	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.77399	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(1)-B
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.80898	0.0755	g/100cc
2.	Ethanol	Column 2:	13.83839	0.0750	g/100cc
3.	n-Propanol	Column 1:	92.85004	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.16589	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN09181807 **Analysis Date(s): 30 Jun 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0808	0.0803	0.0005	0.0805	0.0004	0.0803
(g/100cc)	0.0806	0.0796	0.0010	0.0801		

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

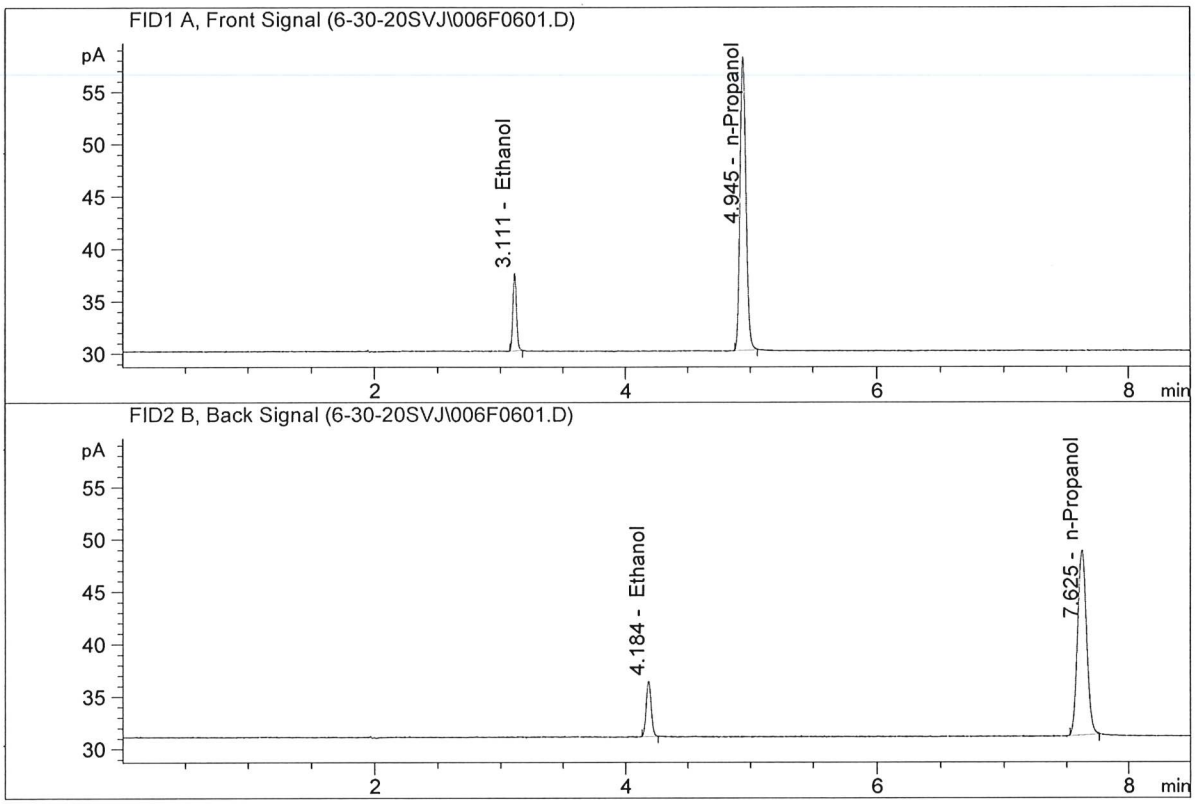
Reported Result

0.080

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

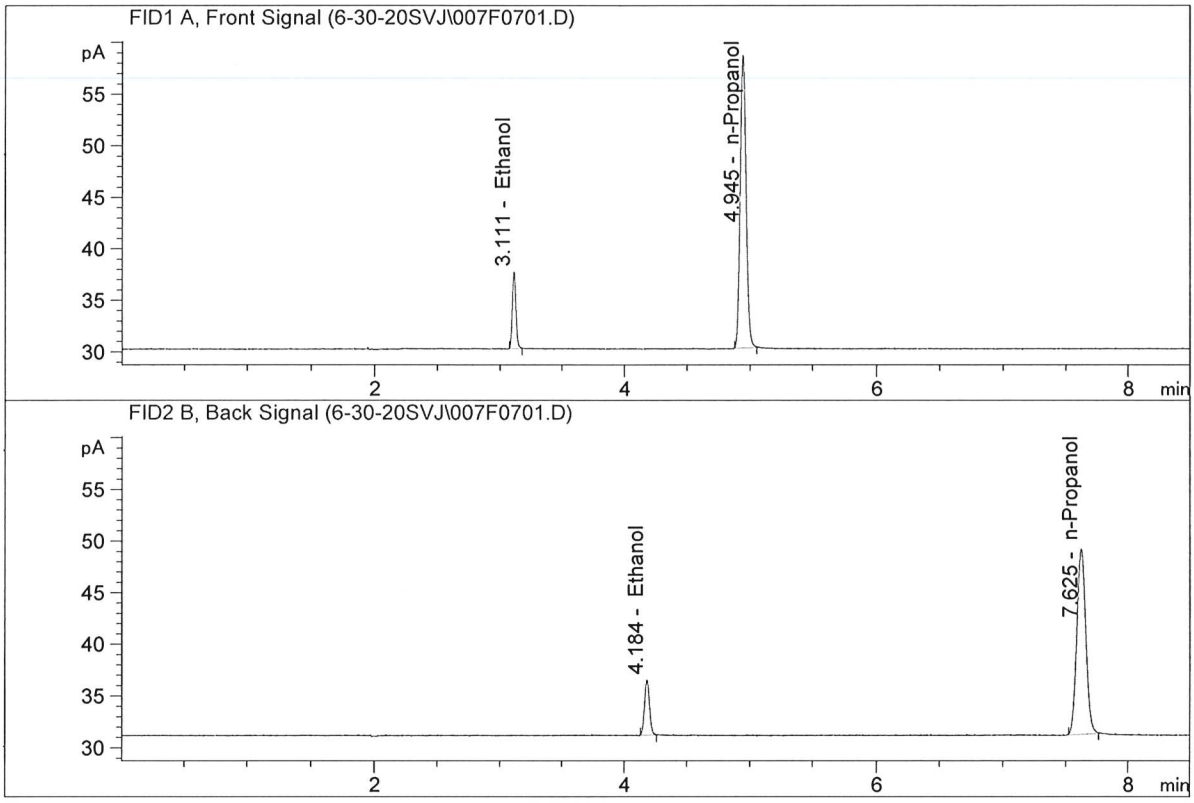
Sample Name : 0.08 FN09181807-A
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.59349	0.0808	g/100cc
2.	Ethanol	Column 2:	14.61854	0.0803	g/100cc
3.	n-Propanol	Column 1:	91.70153	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.90926	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN09181807-B
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.76589	0.0806	g/100cc
2.	Ethanol	Column 2:	14.71132	0.0796	g/100cc
3.	n-Propanol	Column 1:	92.95781	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.31367	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2(1) **Analysis Date(s): 30 Jun 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1950	0.1942	0.0008	0.1946	0.0009	0.1950
(g/100cc)	0.1961	0.1949	0.0012	0.1955		

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
0.195	**0.185**	**0.205**	**0.010**

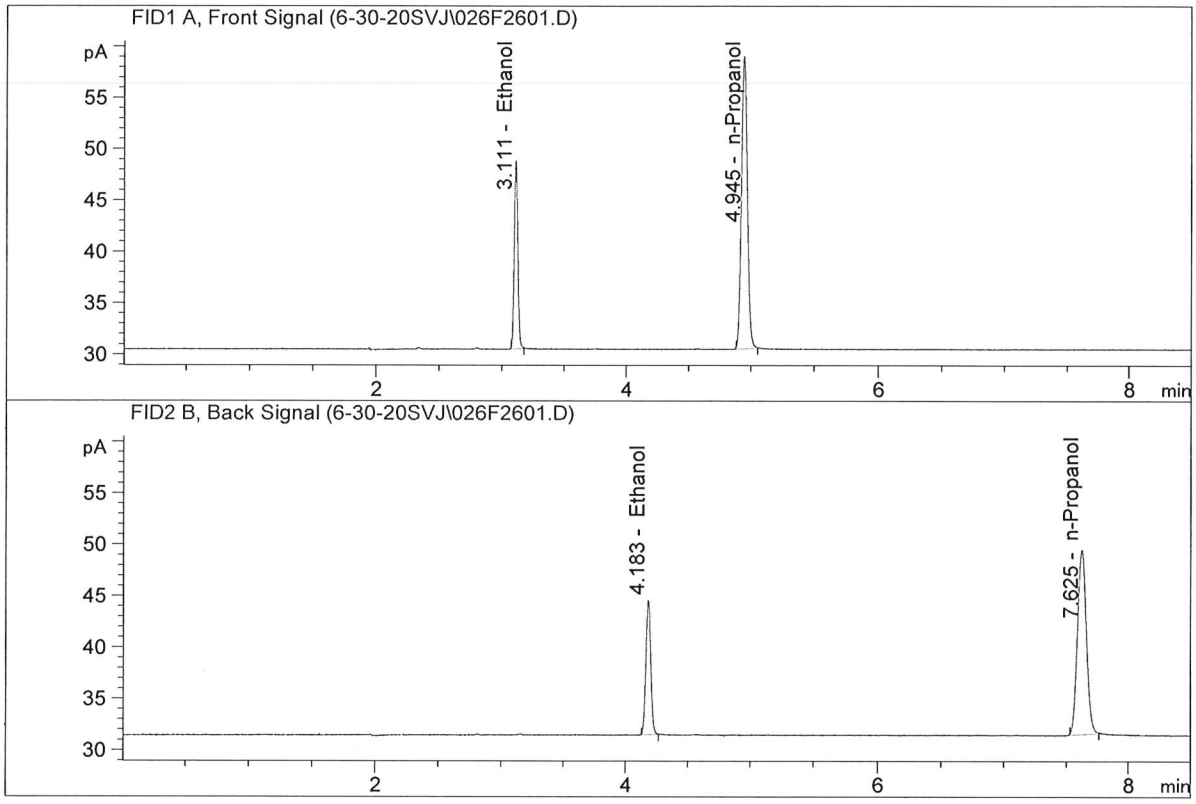
Reported Result

0.195

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

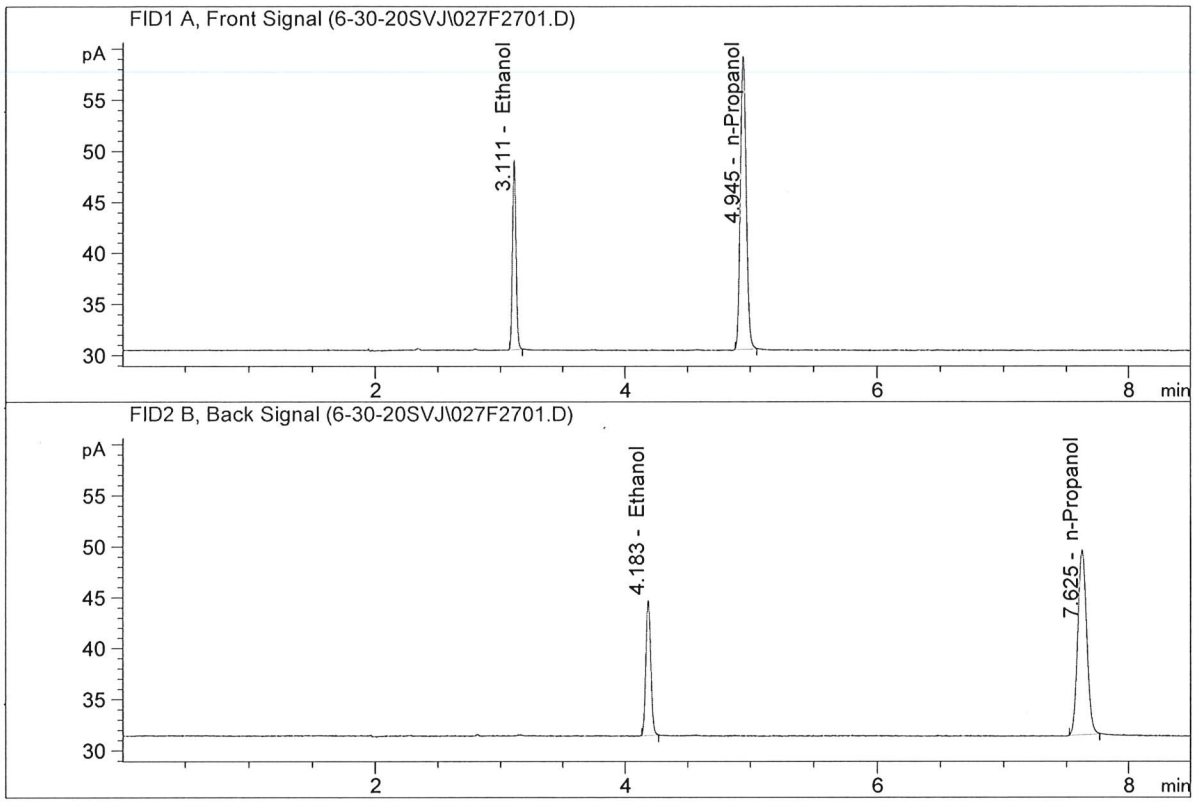
Sample Name : QC-2(1)-A
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	35.96349	0.1950	g/100cc
2.	Ethanol	Column 2:	36.05809	0.1942	g/100cc
3.	n-Propanol	Column 1:	93.62341	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.72060	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2(1)-B
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	36.38059	0.1961	g/100cc
2.	Ethanol	Column 2:	36.48696	0.1949	g/100cc
3.	n-Propanol	Column 1:	94.20761	1.0000	g/100cc
4.	n-Propanol	Column 2:	91.45679	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(2) **Analysis Date(s): 30 Jun 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0788	0.0782	0.0006	0.0785	0.0015	0.0777
(g/100cc)	0.0773	0.0767	0.0006	0.0770		

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%**

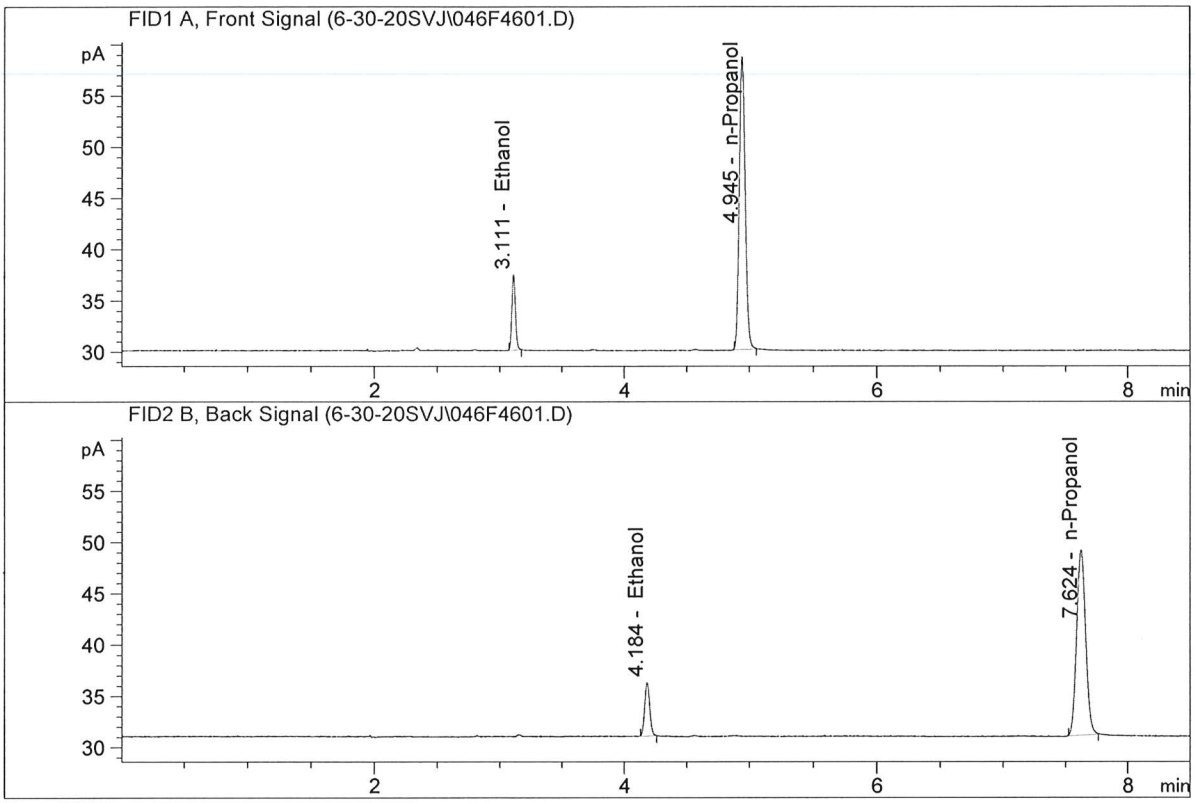
Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	**0.073**	**0.081**	**0.004**

Reported Result
0.077

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

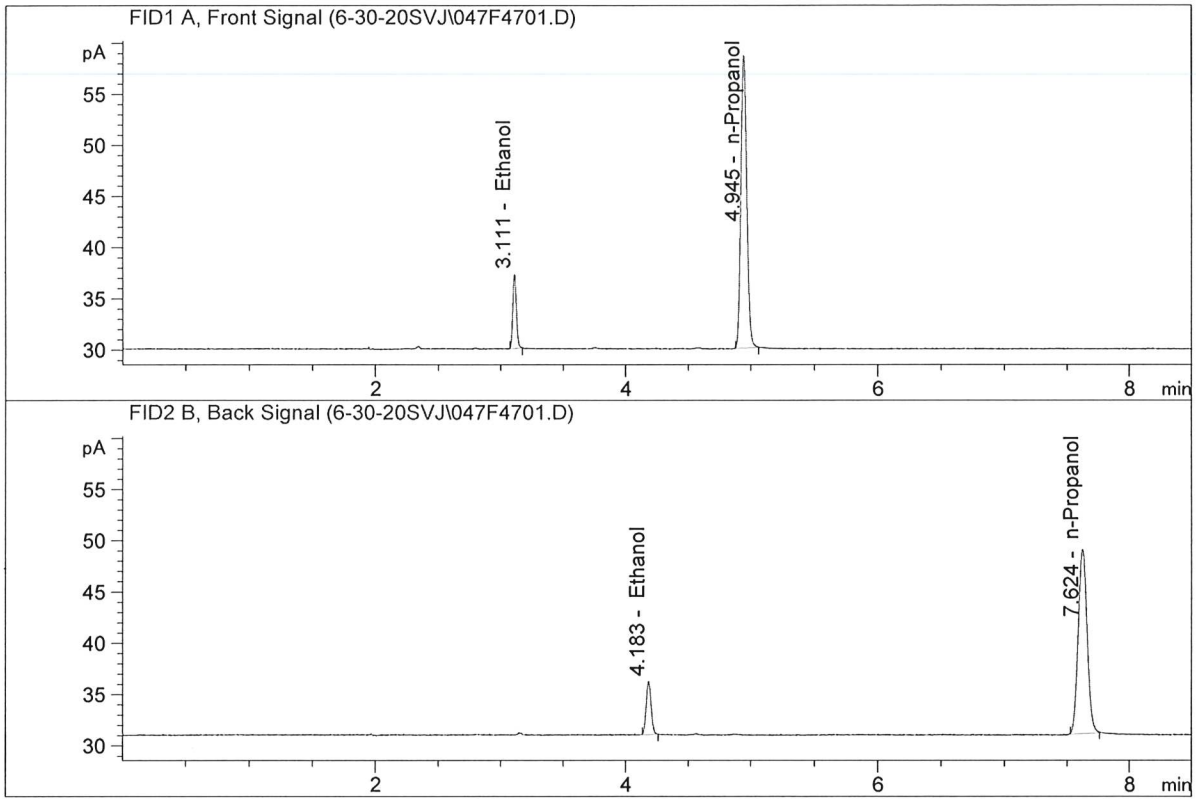
Sample Name : QC-1(2)-A
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.61491	0.0788	g/100cc
2.	Ethanol	Column 2:	14.54655	0.0782	g/100cc
3.	n-Propanol	Column 1:	94.10052	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.91876	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

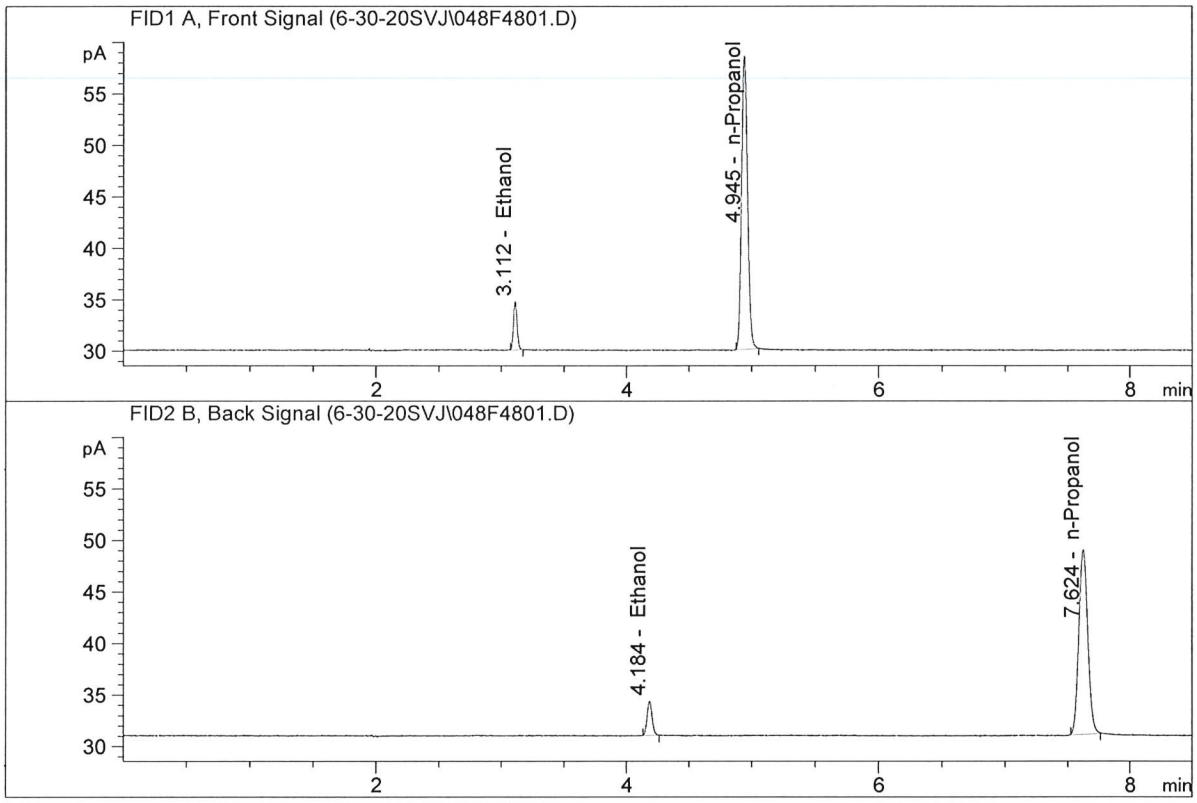
Sample Name : QC-1(2)-B
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.32453	0.0773	g/100cc
2.	Ethanol	Column 2:	14.23930	0.0767	g/100cc
3.	n-Propanol	Column 1:	94.02286	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.69767	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

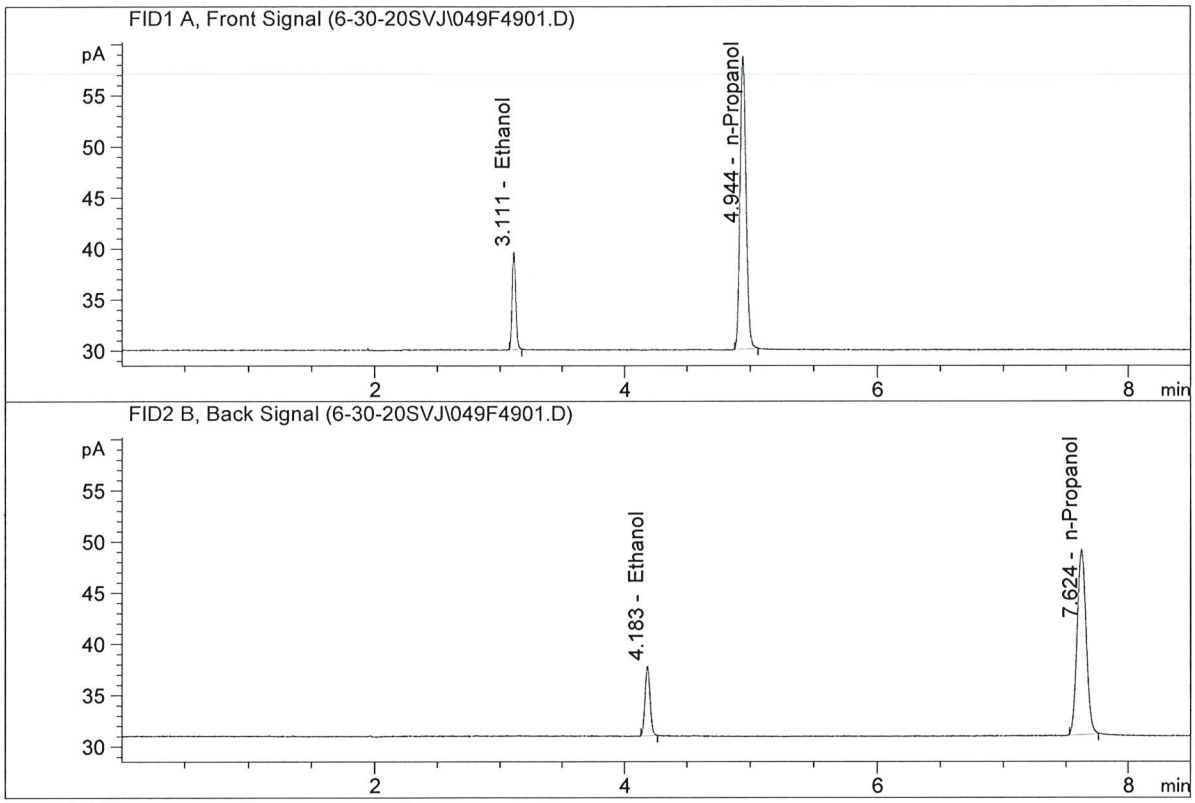
Sample Name : 0.05 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.36244	0.0507	g/100cc
2.	Ethanol	Column 2:	9.25292	0.0499	g/100cc
3.	n-Propanol	Column 1:	93.69587	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.62933	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

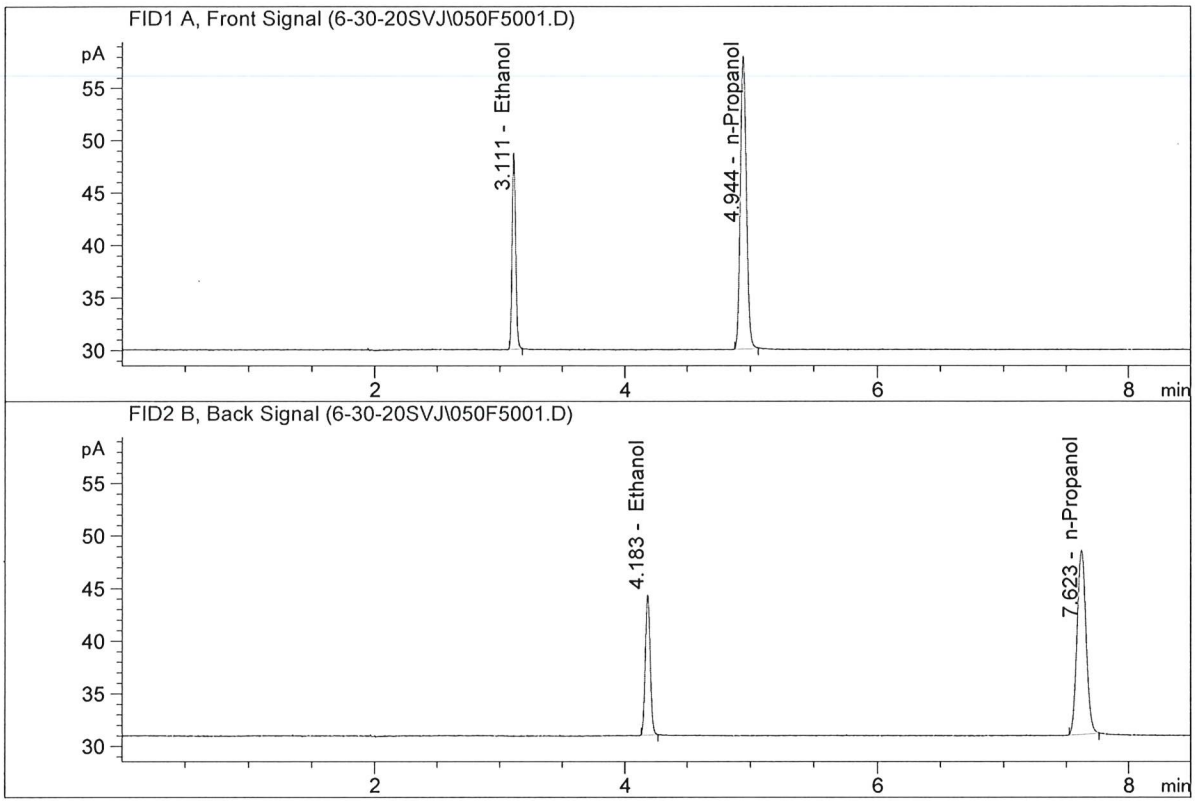
Sample Name : 0.100 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.93581	0.1019	g/100cc
2.	Ethanol	Column 2:	18.87216	0.1015	g/100cc
3.	n-Propanol	Column 1:	94.31470	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.86309	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

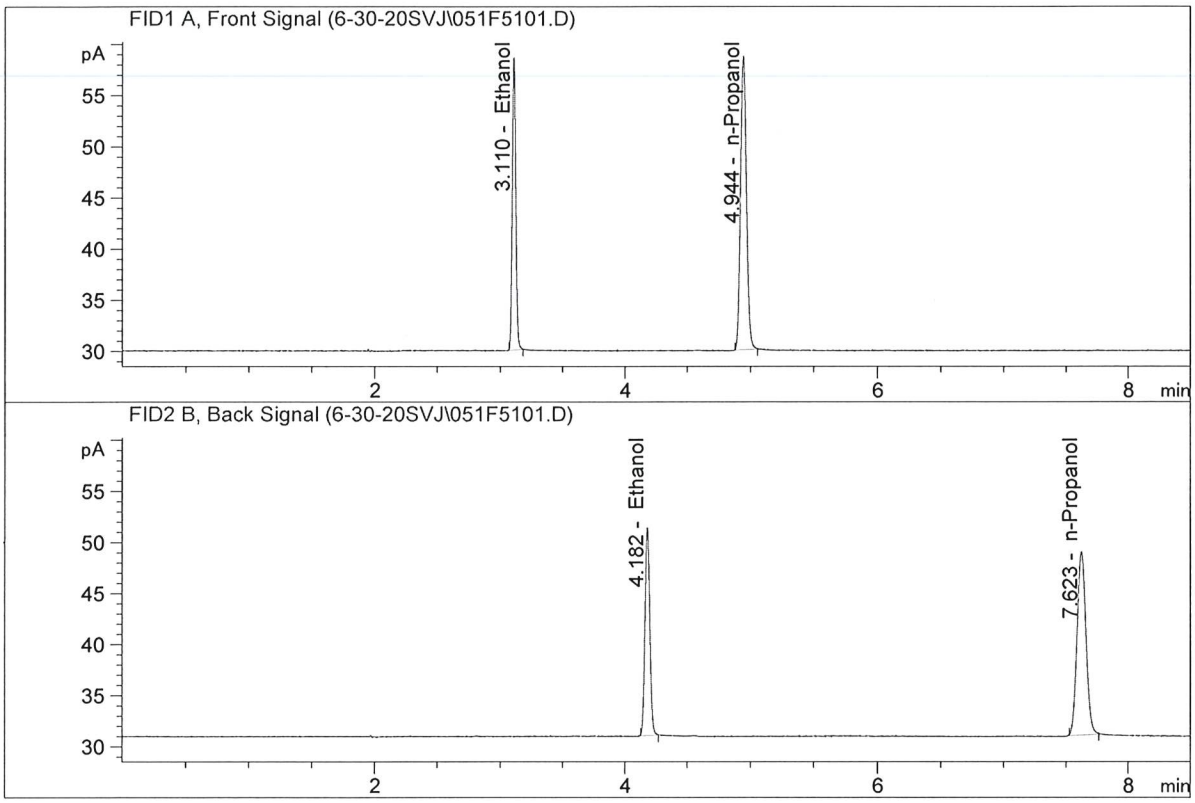
Sample Name : 0.200 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	36.96793	0.2044	g/100cc
2.	Ethanol	Column 2:	36.76270	0.2032	g/100cc
3.	n-Propanol	Column 1:	91.83127	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.42384	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

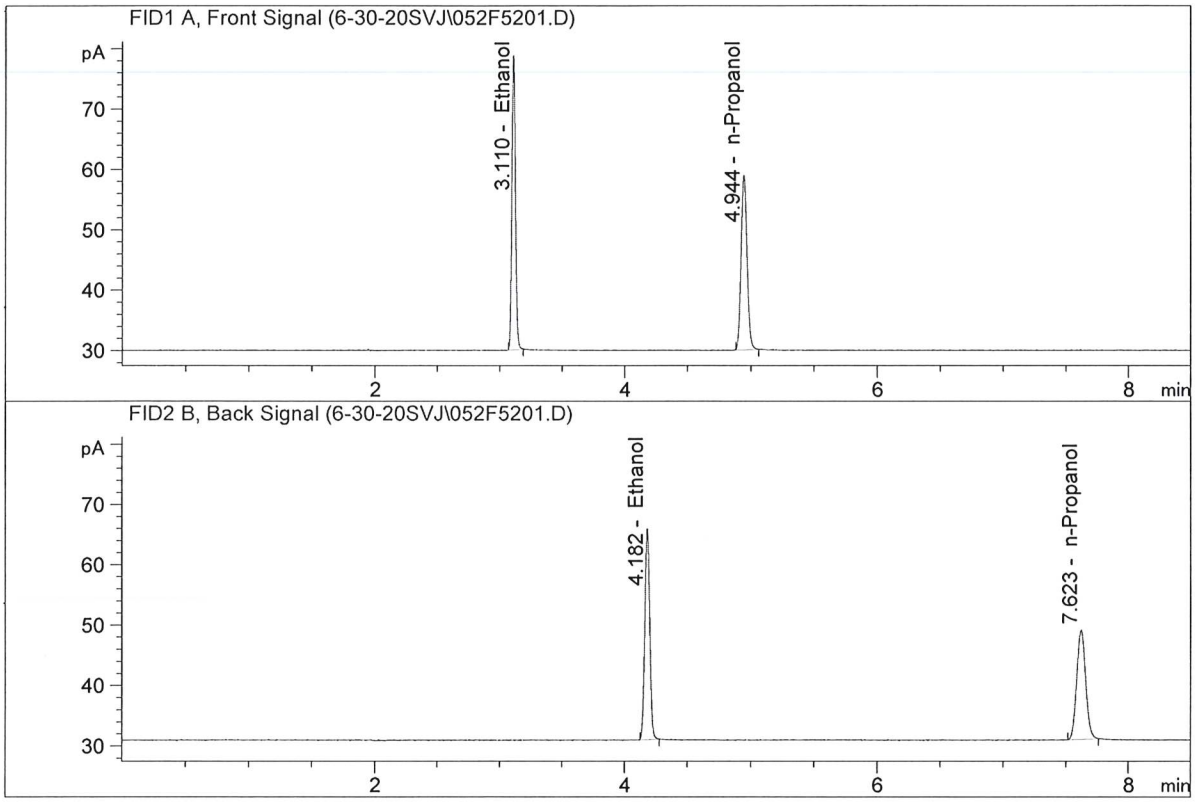
Sample Name : 0.300 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	56.37419	0.3036	g/100cc
2.	Ethanol	Column 2:	56.21306	0.3020	g/100cc
3.	n-Propanol	Column 1:	94.28008	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.94872	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

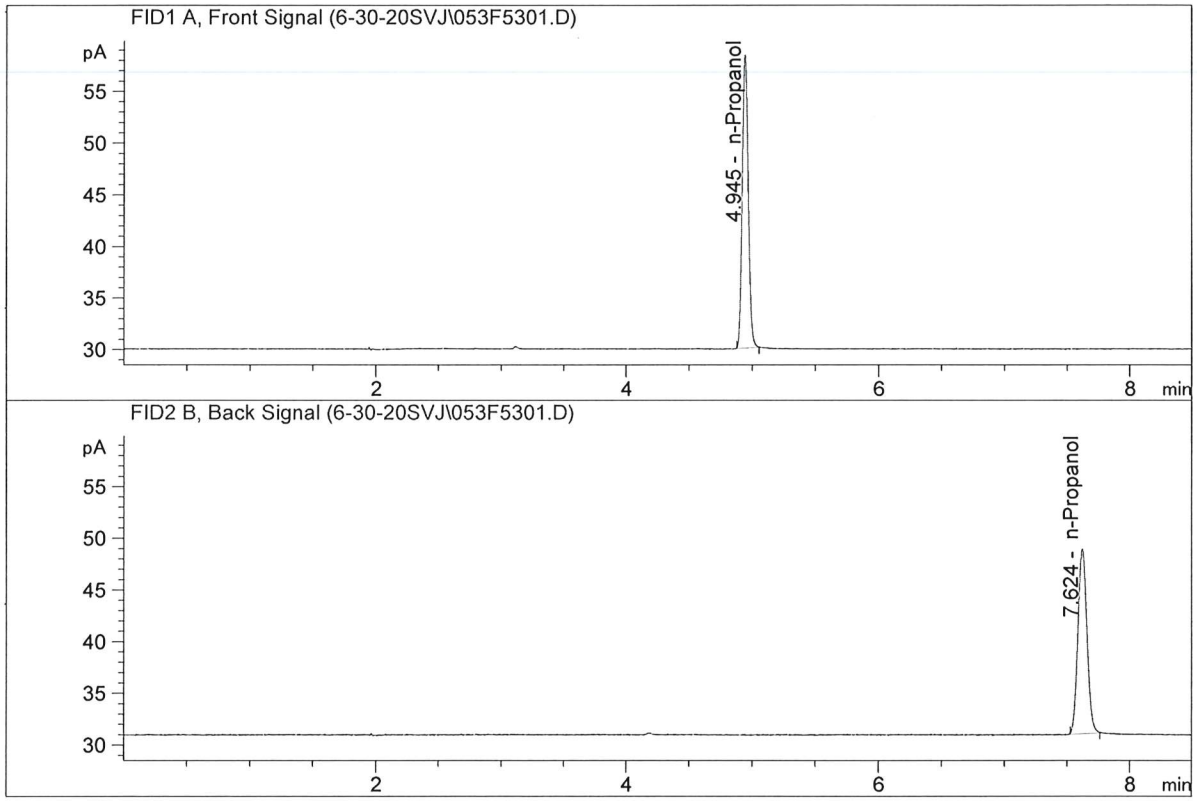
Sample Name : 0.500 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	95.50076	0.5107	g/100cc
2.	Ethanol	Column 2:	95.60516	0.5124	g/100cc
3.	n-Propanol	Column 1:	94.94218	1.0000	g/100cc
4.	n-Propanol	Column 2:	91.16782	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

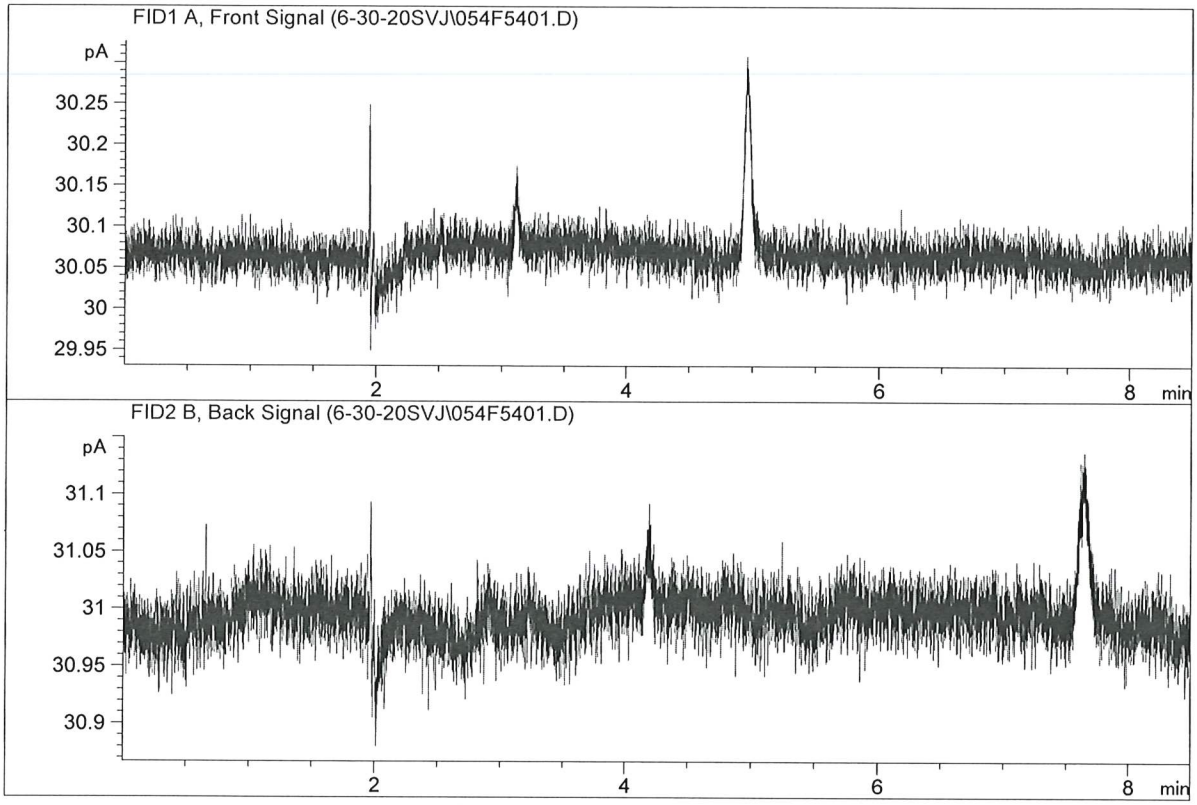
Sample Name : ISTD BLANK-2
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	93.30544	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.26225	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : water-2
Laboratory : Coeur d' Alene
Injection Date : Jun 30, 2020
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