Worklist: 6160

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2022-2362	1	BCK	Alcohol Analysis
C2022-2369	1	BCK	Alcohol Analysis
C2022-2378	1	BCK	Alcohol Analysis
C2022-2386	1	BCK	Alcohol Analysis
C2022-2387	1	BCK	Alcohol Analysis
C2022-2392	1	BCK	Alcohol Analysis
C2022-2410	1	BCK	Alcohol Analysis
C2022-2412	1	BCK	Alcohol Analysis
C2022-2421	1	BCK	Alcohol Analysis
C2022-2423	1	BCK	Alcohol Analysis
C2022-2429	1	BCK	Alcohol Analysis
C2022-2446	1	BCK	Alcohol Analysis
C2022-2475	1	BCK	Alcohol Analysis
C2022-2477	1	BCK	Alcohol Analysis
C2022-2478	1	BCK	Alcohol Analysis
C2022-2483	1	BCK	Alcohol Analysis
C2022-2492	1	BCK	Alcohol Analysis
C2022-2495	1	BCK	Alcohol Analysis
C2022-2497	1	BCK	Alcohol Analysis
C2022-2501	1	BCK	Alcohol Analysis
C2022-2508	1	BCK	Alcohol Analysis

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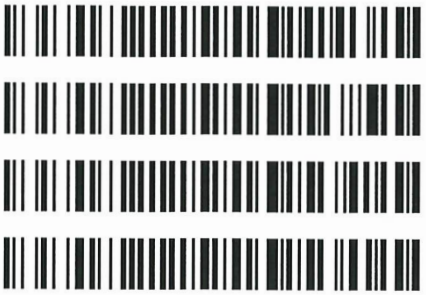
Worklist: 6160

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2022-2517	1	AVK	Alcohol Analysis
C2022-2526	2	BCK	Alcohol Analysis
C2022-2528	1	BCK	Alcohol Analysis
C2022-2529	1	BCK	Alcohol Analysis



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Region 1 CDA Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C1225850700
Shimadzu HS-20 Serial #C12595700181
Lab Solutions Software Ver. 5.99

Vial#	Sample Name	Sample Type	Level#	Method File
78	BLK 4	0:Unknown	0	ALCOHOL.GCM
79	BLK 5	0:Unknown	0	ALCOHOL.GCM
80	BLK 6	0:Unknown	0	ALCOHOL.GCM
81	BLK 7	0:Unknown	0	ALCOHOL.GCM
82	BLK 8	0:Unknown	0	ALCOHOL.GCM
83	BLK 9	0:Unknown	0	ALCOHOL.GCM
1	INT STD BLK 1	0:Unknown	0	ALCOHOL.GCM
2	0.050	1:Standard:(R)	1	ALCOHOL.GCM
3	0.100	1:Standard:(R)	2	ALCOHOL.GCM
4	0.200	1:Standard:(R)	3	ALCOHOL.GCM
5	0.300	1:Standard:(R)	4	ALCOHOL.GCM
6	0.500	1:Standard:(R)	5	ALCOHOL.GCM
7	INT STD BLK 2	0:Unknown	0	ALCOHOL.GCM
8	MULTI-COMP MIX	1:Standard:(R)	6	ALCOHOL.GCM
9	INT STD BLK 3	0:Unknown	0	ALCOHOL.GCM
10	QC-2-1-A	0:Unknown	0	ALCOHOL.GCM
11	QC-2-1-B	0:Unknown	0	ALCOHOL.GCM
12	0.08 QA - A	0:Unknown	0	ALCOHOL.GCM
13	0.08 QA - B	0:Unknown	0	ALCOHOL.GCM
14	C2022-2362-1-A	0:Unknown	0	ALCOHOL.GCM
15	C2022-2362-1-B	0:Unknown	0	ALCOHOL.GCM
16	C2022-2369-1-A	0:Unknown	0	ALCOHOL.GCM
17	C2022-2369-1-B	0:Unknown	0	ALCOHOL.GCM
18	C2022-2378-1-A	0:Unknown	0	ALCOHOL.GCM
19	C2022-2378-1-B	0:Unknown	0	ALCOHOL.GCM
20	C2022-2386-1-A	0:Unknown	0	ALCOHOL.GCM
21	C2022-2386-1-B	0:Unknown	0	ALCOHOL.GCM
22	C2022-2387-1-A	0:Unknown	0	ALCOHOL.GCM
23	C2022-2387-1-B	0:Unknown	0	ALCOHOL.GCM
24	C2022-2392-1-A	0:Unknown	0	ALCOHOL.GCM
25	C2022-2392-1-B	0:Unknown	0	ALCOHOL.GCM
26	C2022-2410-1-A	0:Unknown	0	ALCOHOL.GCM
27	C2022-2410-1-B	0:Unknown	0	ALCOHOL.GCM
28	C2022-2412-1-A	0:Unknown	0	ALCOHOL.GCM
29	C2022-2412-1-B	0:Unknown	0	ALCOHOL.GCM
30	C2022-2421-1-A	0:Unknown	0	ALCOHOL.GCM
31	C2022-2421-1-B	0:Unknown	0	ALCOHOL.GCM
32	QC-2-2-A	0:Unknown	0	ALCOHOL.GCM
33	QC-2-2-B	0:Unknown	0	ALCOHOL.GCM
34	C2022-2423-1-A	0:Unknown	0	ALCOHOL.GCM
35	C2022-2423-1-B	0:Unknown	0	ALCOHOL.GCM
36	C2022-2429-1-A	0:Unknown	0	ALCOHOL.GCM
37	C2022-2429-1-B	0:Unknown	0	ALCOHOL.GCM
38	C2022-2446-1-A	0:Unknown	0	ALCOHOL.GCM
39	C2022-2446-1-B	0:Unknown	0	ALCOHOL.GCM
40	C2022-2475-1-A	0:Unknown	0	ALCOHOL.GCM
41	C2022-2475-1-B	0:Unknown	0	ALCOHOL.GCM
42	C2022-2477-1-A	0:Unknown	0	ALCOHOL.GCM
43	C2022-2477-1-B	0:Unknown	0	ALCOHOL.GCM
44	C2022-2478-1-A	0:Unknown	0	ALCOHOL.GCM
45	C2022-2478-1-B	0:Unknown	0	ALCOHOL.GCM
46	C2022-2483-1-A	0:Unknown	0	ALCOHOL.GCM
47	C2022-2483-1-B	0:Unknown	0	ALCOHOL.GCM
48	C2022-2492-1-A	0:Unknown	0	ALCOHOL.GCM
49	C2022-2492-1-B	0:Unknown	0	ALCOHOL.GCM
50	C2022-2495-1-A	0:Unknown	0	ALCOHOL.GCM
51	C2022-2495-1-B	0:Unknown	0	ALCOHOL.GCM
52	C2022-2497-1-A	0:Unknown	0	ALCOHOL.GCM
53	C2022-2497-1-B	0:Unknown	0	ALCOHOL.GCM

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Vial#	Sample Name	Sample Type	Level#	Method File
54	QC-2-3-A	0:Unknown	0	ALCOHOL.GCM
55	QC-2-3-B	0:Unknown	0	ALCOHOL.GCM
56	C2022-2501-1-A	0:Unknown	0	ALCOHOL.GCM
57	C2022-2501-1-B	0:Unknown	0	ALCOHOL.GCM
58	C2022-2508-1-A	0:Unknown	0	ALCOHOL.GCM
59	C2022-2508-1-B	0:Unknown	0	ALCOHOL.GCM
60	C2022-2517-1-A	0:Unknown	0	ALCOHOL.GCM
61	C2022-2517-1-B	0:Unknown	0	ALCOHOL.GCM
62	C2022-2526-2-A	0:Unknown	0	ALCOHOL.GCM
63	C2022-2526-2-B	0:Unknown	0	ALCOHOL.GCM
64	C2022-2528-1-A	0:Unknown	0	ALCOHOL.GCM
65	C2022-2528-1-B	0:Unknown	0	ALCOHOL.GCM
66	C2022-2529-1-A	0:Unknown	0	ALCOHOL.GCM
67	C2022-2529-1-B	0:Unknown	0	ALCOHOL.GCM
68	QC-1-1-A	0:Unknown	0	ALCOHOL.GCM
69	QC-1-1-B	0:Unknown	0	ALCOHOL.GCM
70	INT STD BLK 4	0:Unknown	0	ALCOHOL.GCM

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REVIEWED
By Rachel Cutler at 9:10 am, Nov 18, 2022

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):** **11/15/2022**

Calibration Date: *(if different)*

Worklist #: **Worklist # 6160**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0814 g/100cc
					g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2045 g/100cc
					0.2071 g/100cc
					0.2056 g/100cc

Multi-Component mixture:	Exp:	July 31, 2024	Lot #	FN04231907	OK
Curve Fit:		Column 1	0.99985	Column2	0.99974

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0522	0.0532	0.001	0.0527
100	0.100	0.090 - 0.110	0.1001	0.0999	0.0002	0.1
200	0.200	0.180 - 0.220	0.1979	0.1971	0.0008	0.1975
300	0.300	0.270 - 0.330	0.2978	0.2972	0.0006	0.2975
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5019	0.5025	0.0006	0.5022

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.081 g/100cc

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Revision: 5
Issue Date: 07/05/2022
Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

Worklist #:	Worklist # 6160	Run Date(s):	11/15/2022

Internal Standard Solution: Lot# A014463901	Prep Date: 10/28/2022	Exp Date: 4/28/2023

Sample Name	Column 1 Value	Column 2 Value
0.080	331588	362121
0.080	333865	365400
QC1	384907	422183
QC1	386459	424474
QC1		
QC1		
QC1		
QC1		
QC2	330553	360583
QC2	333322	364151
QC2	366570	402023
QC2	350665	384774
QC2	364365	399259
QC2	362779	397407

	Average	(-)20%	(+)20%
Column 1	354507.3	283605.8	425408.8
Column 2	388237.5	310590.0	465885.0

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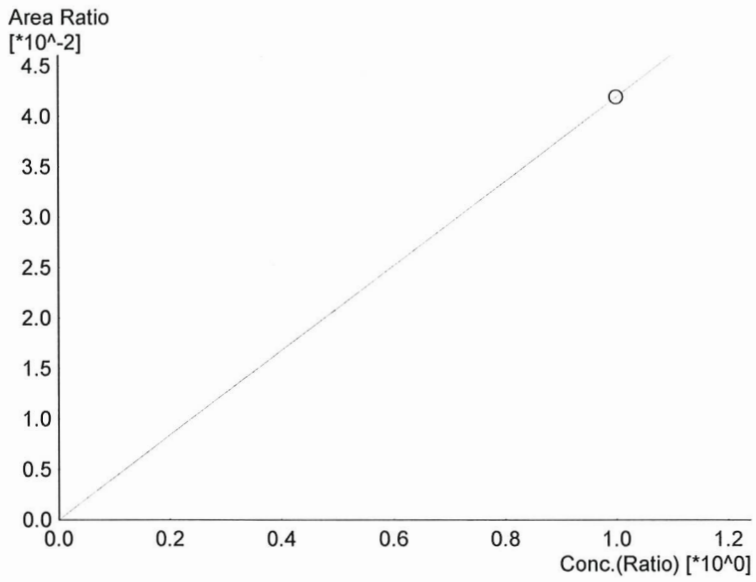
Calibration Table

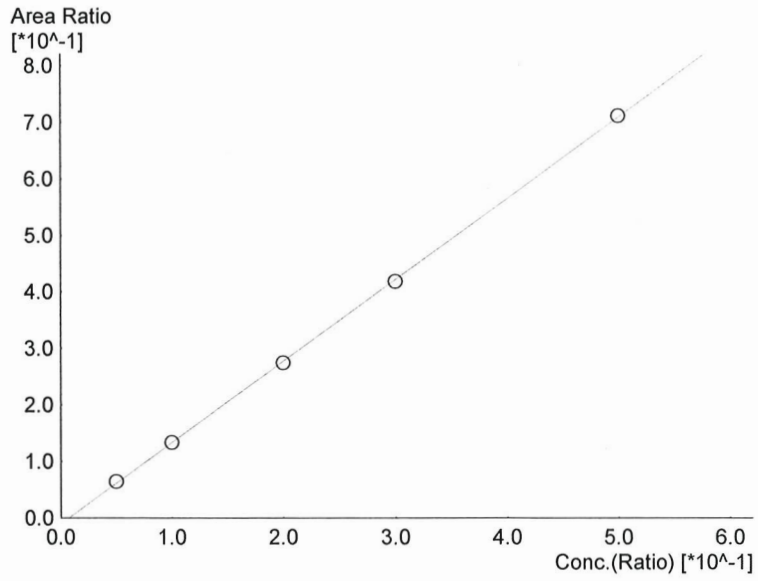
Laboratory : Coeur d' Alene
Instrument Name : Nexis GC2030
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Batch File :C:\LabSolutions\Data\11-15-22\11-15-22.gcb
Date Acquired :11/15/2022 4:41:47 PM
Date Created :11/15/2022 4:39:15 PM
Date Modified :11/15/2022 4:47:48 PM



Name : Methanol
Detector Name: FID1
Function : f(x)=0.0419258*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

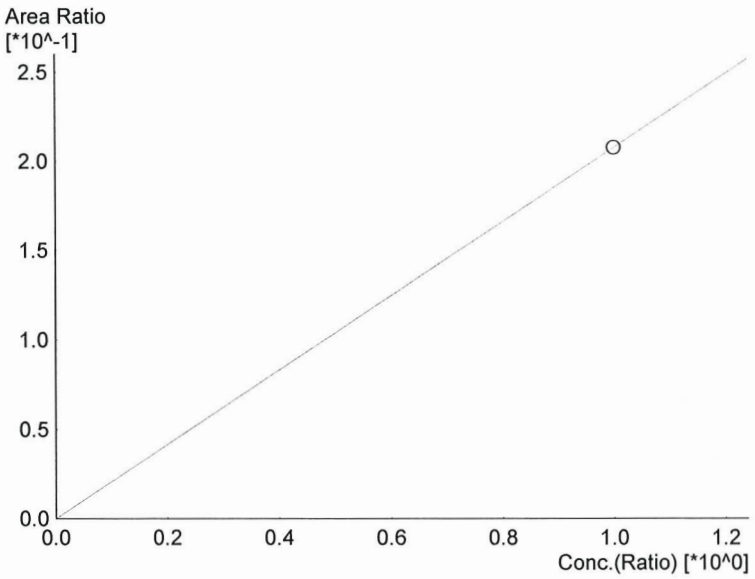
#	Conc.	Area	Std. Conc.
6	1.000	11326	1.0000



Name : Ethanol
Detector Name: FID1
Function : f(x)=1.43984*x-0.0106577
R^2 value= 0.9998595
FitType: Linear
ZeroThrough: Not Through

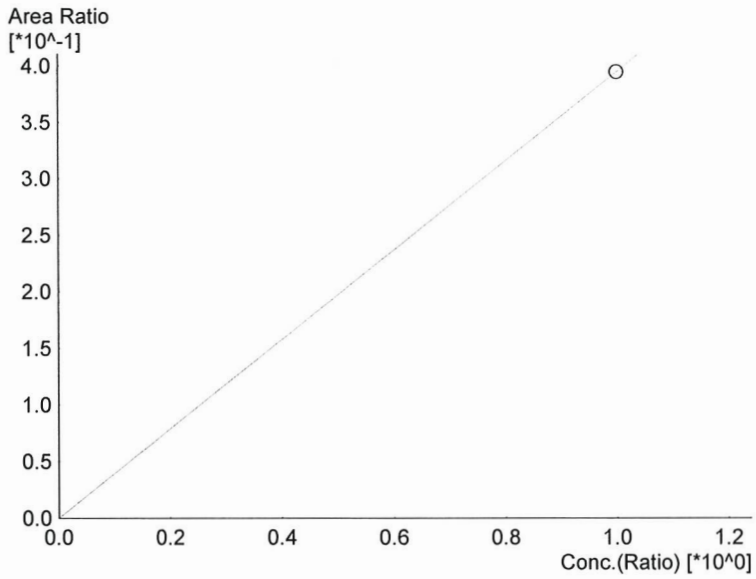
#	Conc.	Area	Std. Conc.
1	0.050	20765	0.0522
2	0.100	42769	0.1001
3	0.200	87454	0.1979
4	0.300	132918	0.2978
5	0.500	227448	0.5019

99



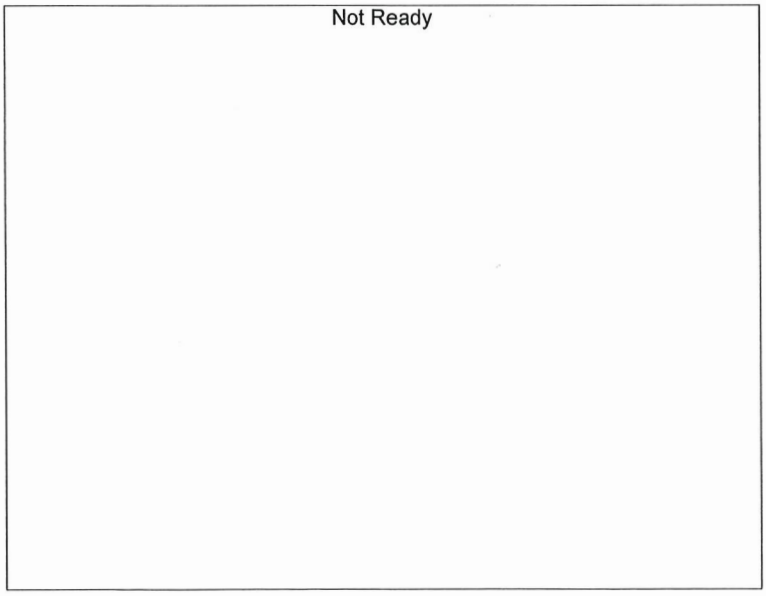
Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.207784*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	56130	1.0000



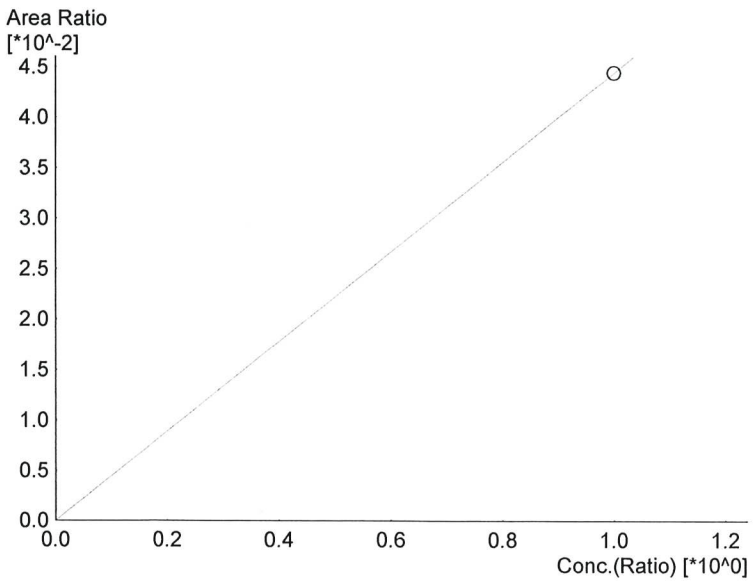
Name : Acetone
Detector Name: FID1
Function : f(x)=0.394509*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	106570	1.0000



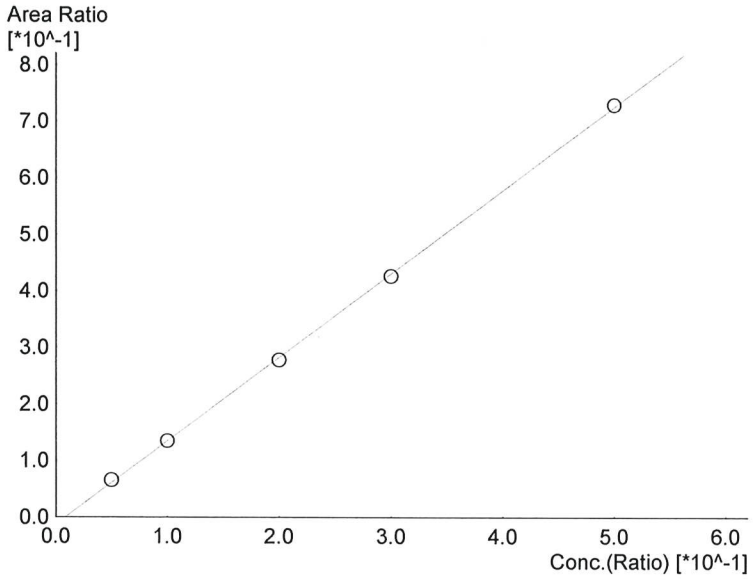
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



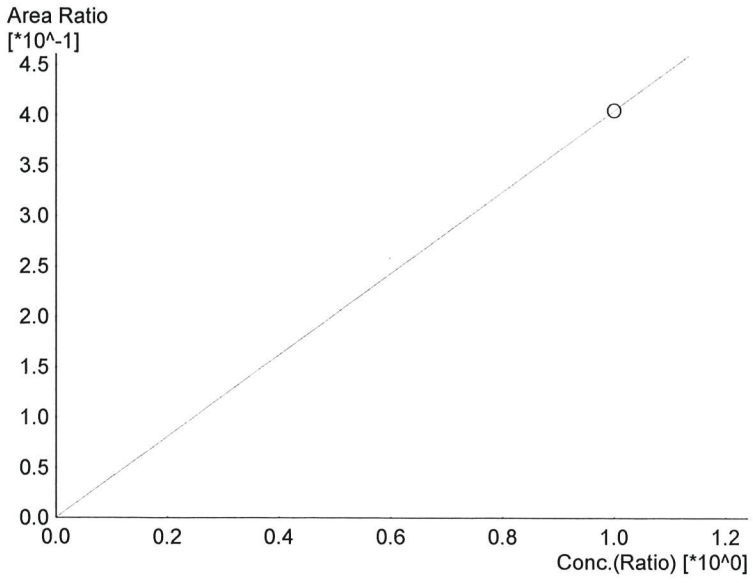
Name : Methanol
Detector Name: FID2
Function : f(x)=0.0444394*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	13402	1.0000



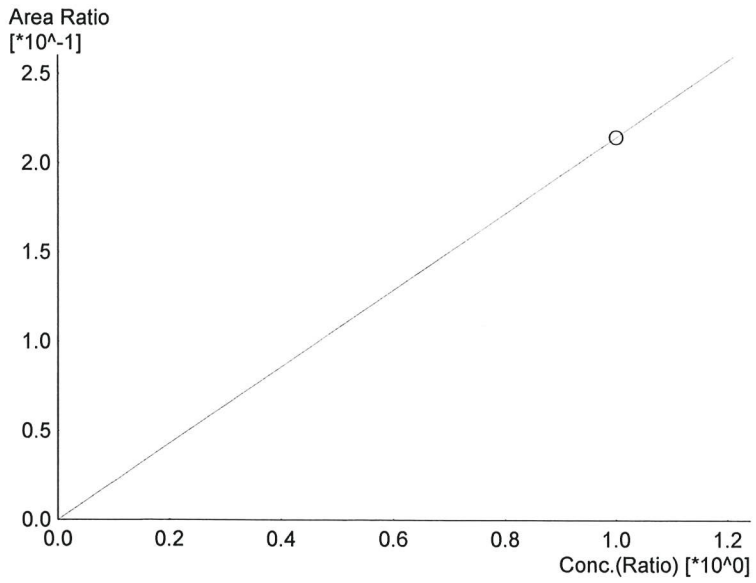
Name : Ethanol
Detector Name: FID2
Function : f(x)=1.47732*x-0.0129868
R^2 value= 0.9997420
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	23042	0.0532
2	0.100	47131	0.0999
3	0.200	97029	0.1971
4	0.300	147889	0.2972
5	0.500	254244	0.5025



Name : Acetone
Detector Name: FID2
Function : f(x)=0.405472*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	122282	1.0000



Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.214693*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

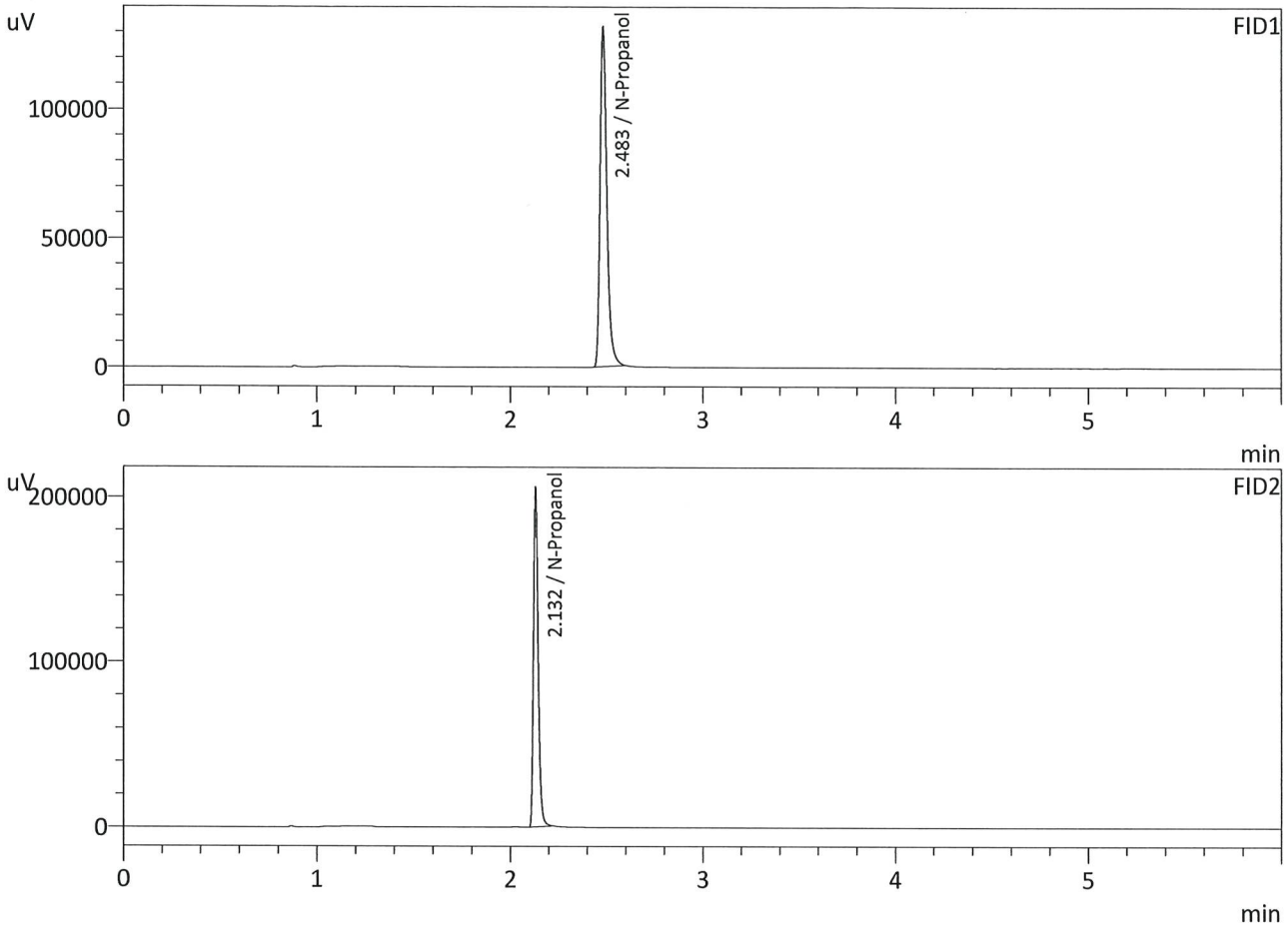
#	Conc.	Area	Std. Conc.
6	1.000	64747	1.0000

Not Ready

Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 3:54:19 PM
Vial # : 1
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	317228	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	346781	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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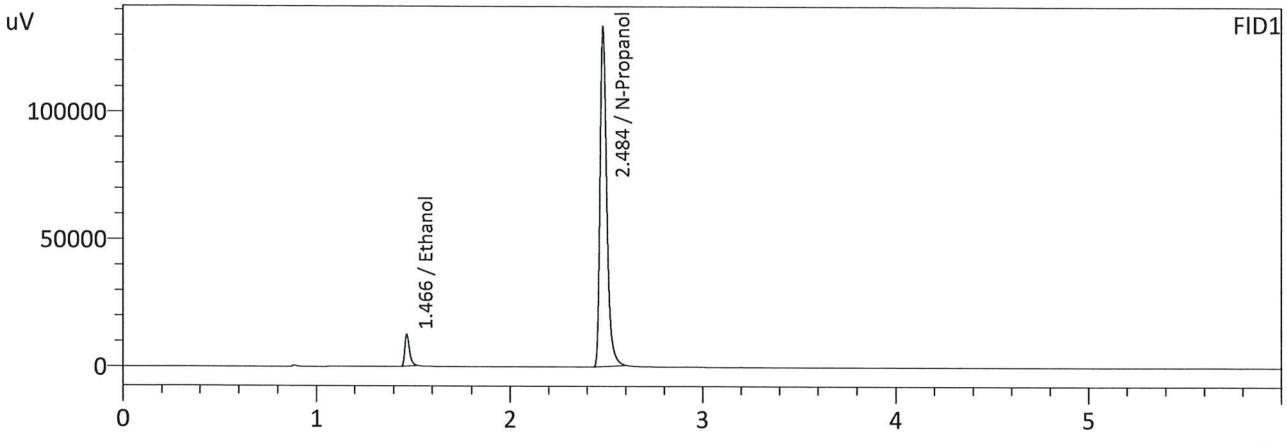
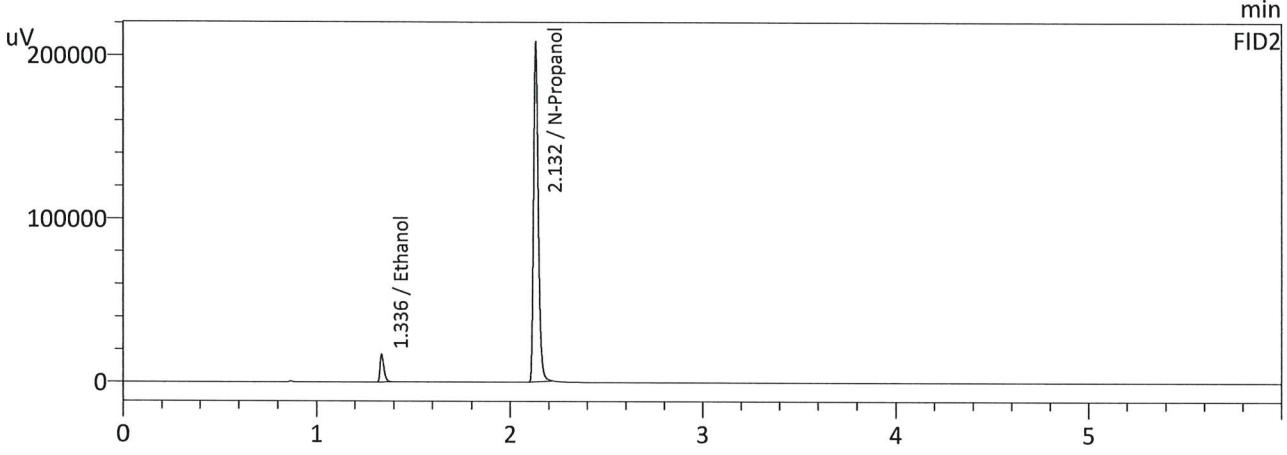
Sample Name : 0.050
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 4:03:00 PM
Vial # : 2
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

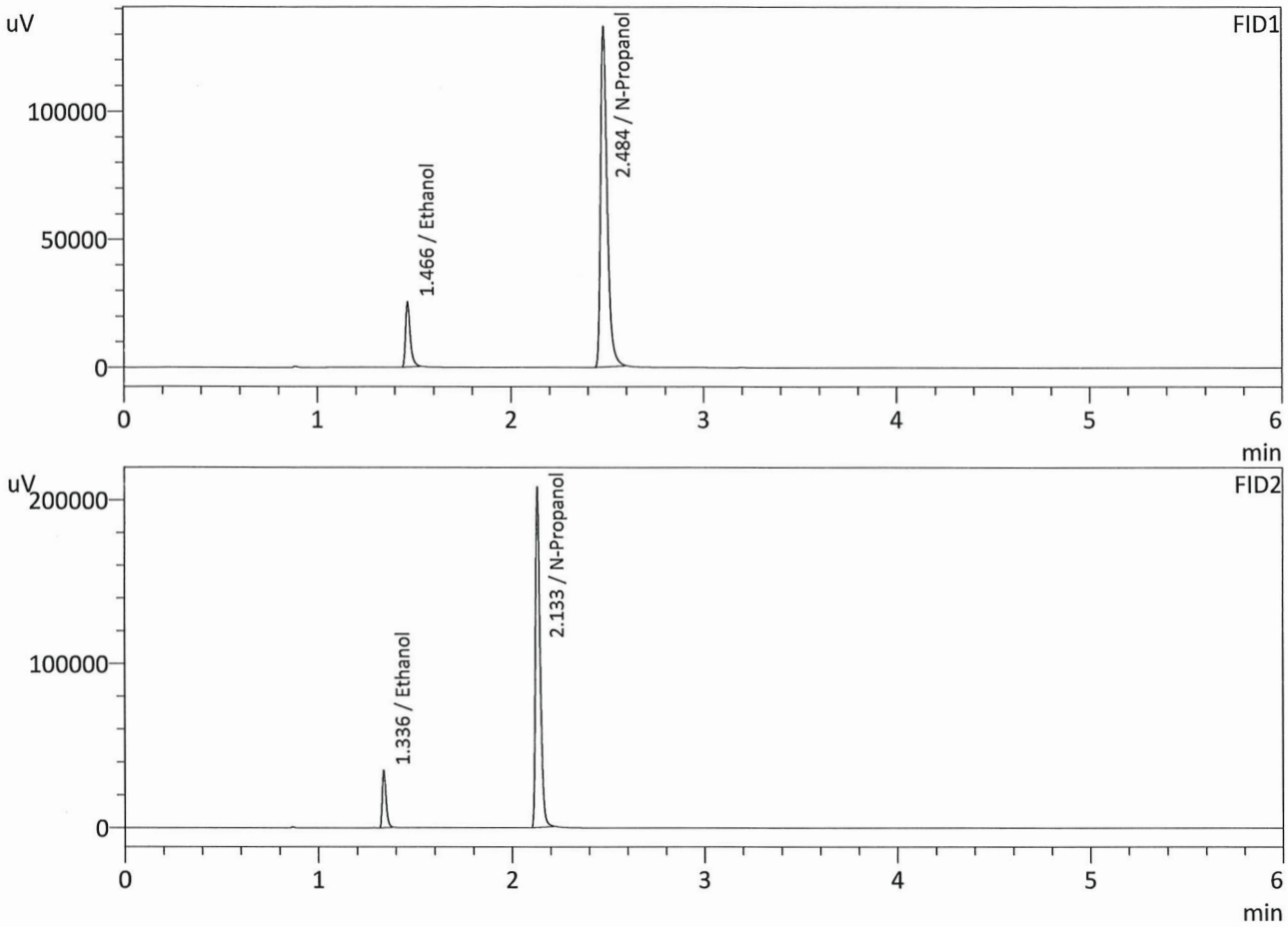
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0522	20765	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	321426	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0532	23042	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	350935	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.100
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 4:13:43 PM
Vial # : 3
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

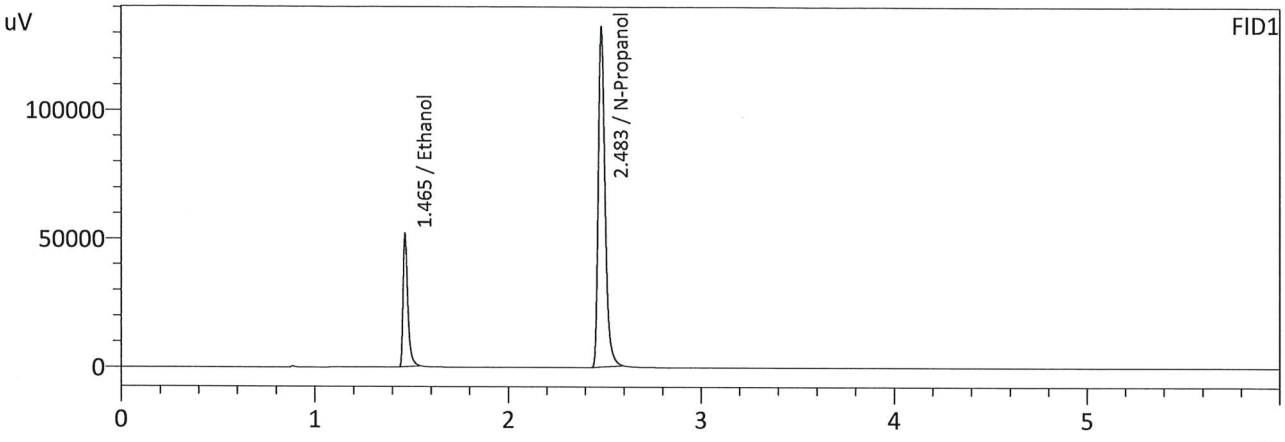
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1001	42769	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	320382	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

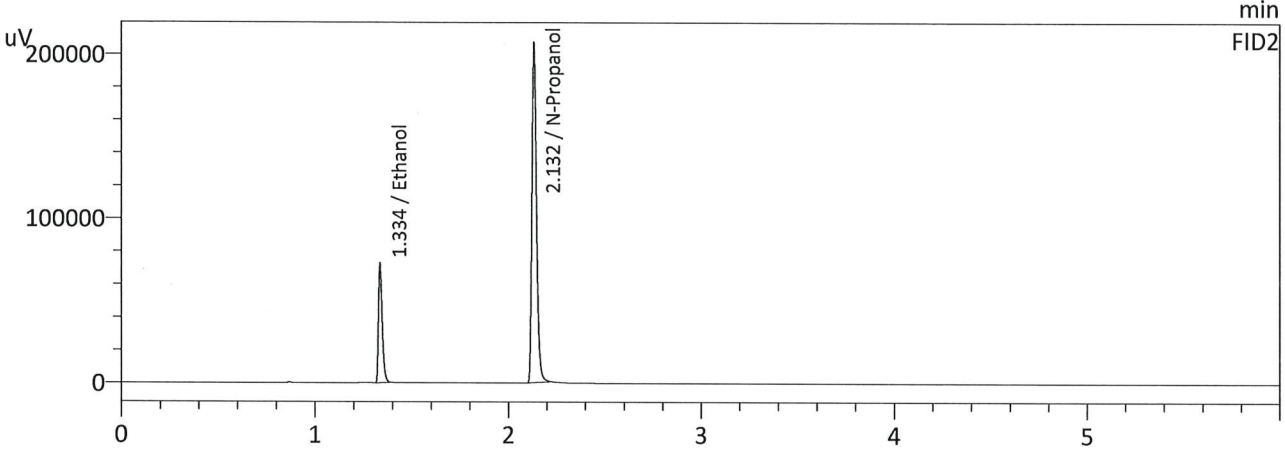
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0999	47131	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	350052	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.200
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 4:22:24 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

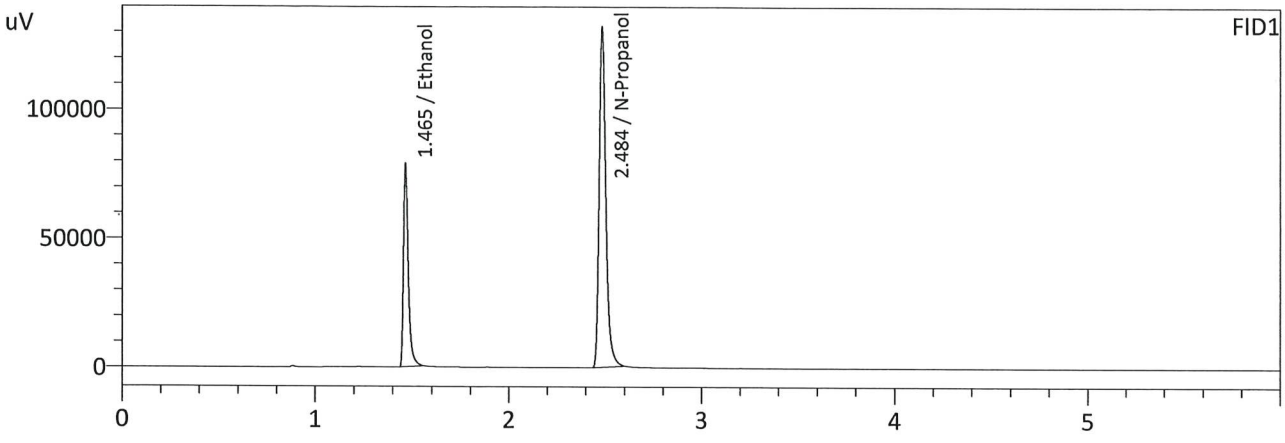
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1979	87454	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	318841	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

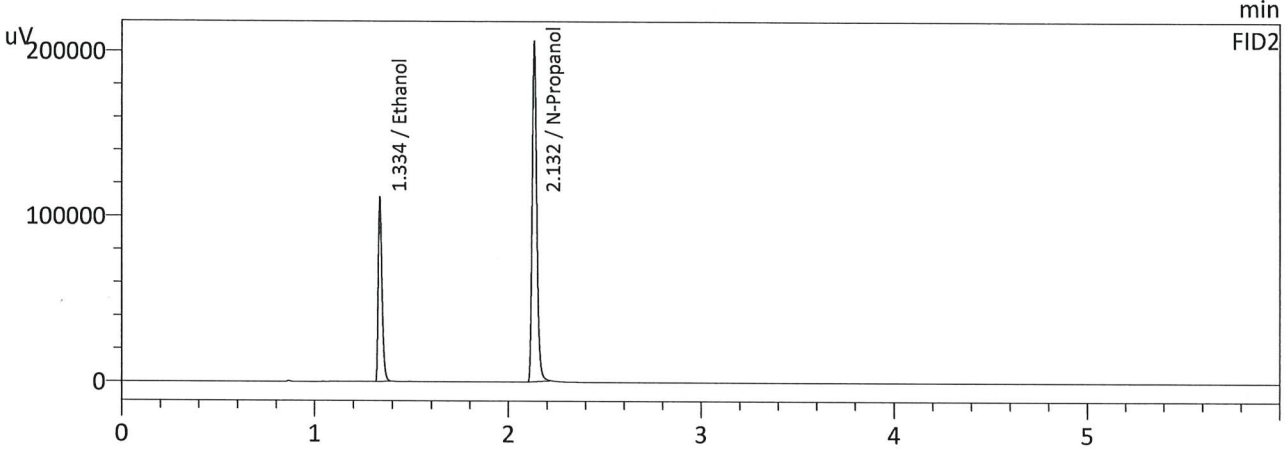
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1971	97029	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	348777	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.300
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 4:33:07 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

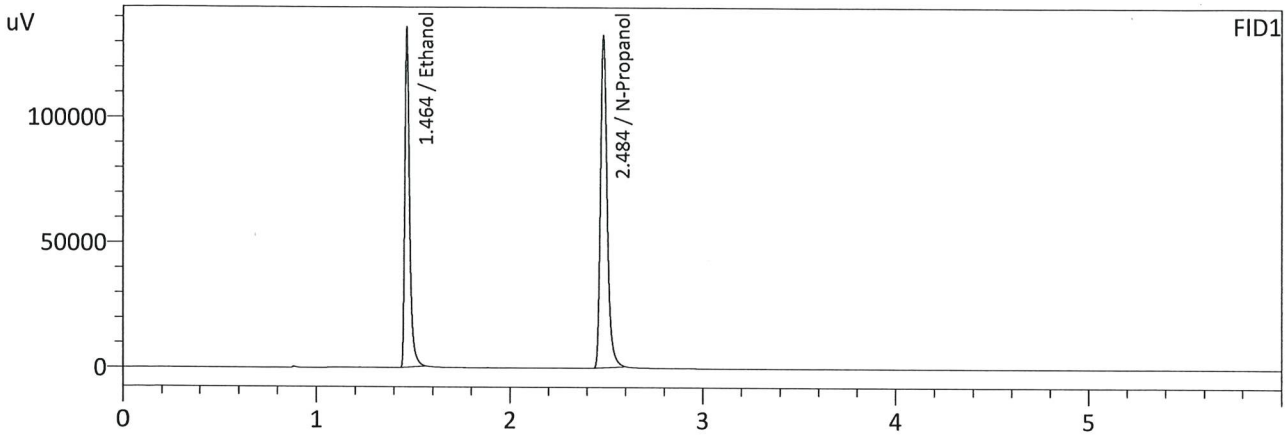
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2978	132918	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	317879	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

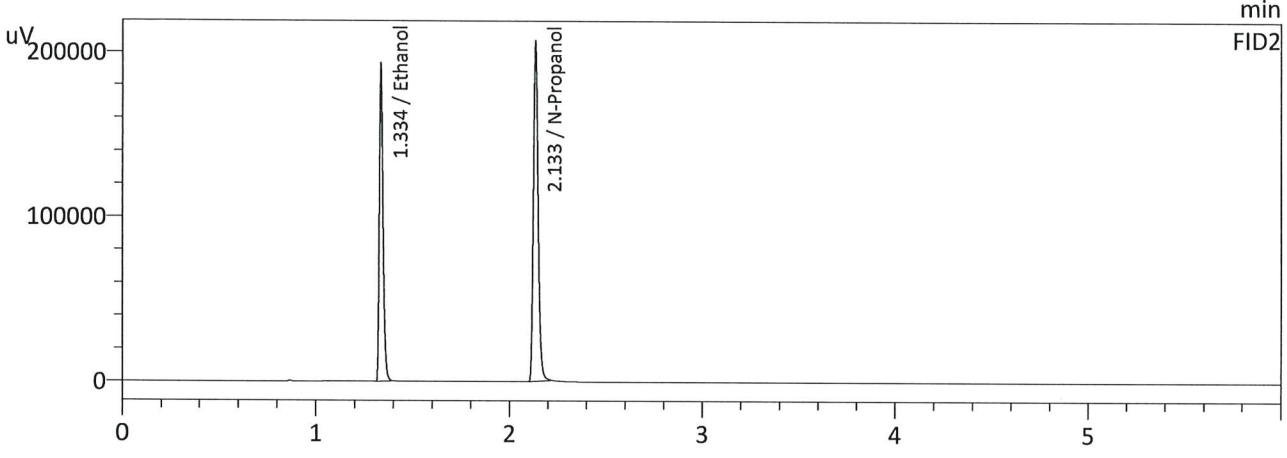
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2972	147889	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	347088	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.500
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 4:41:47 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

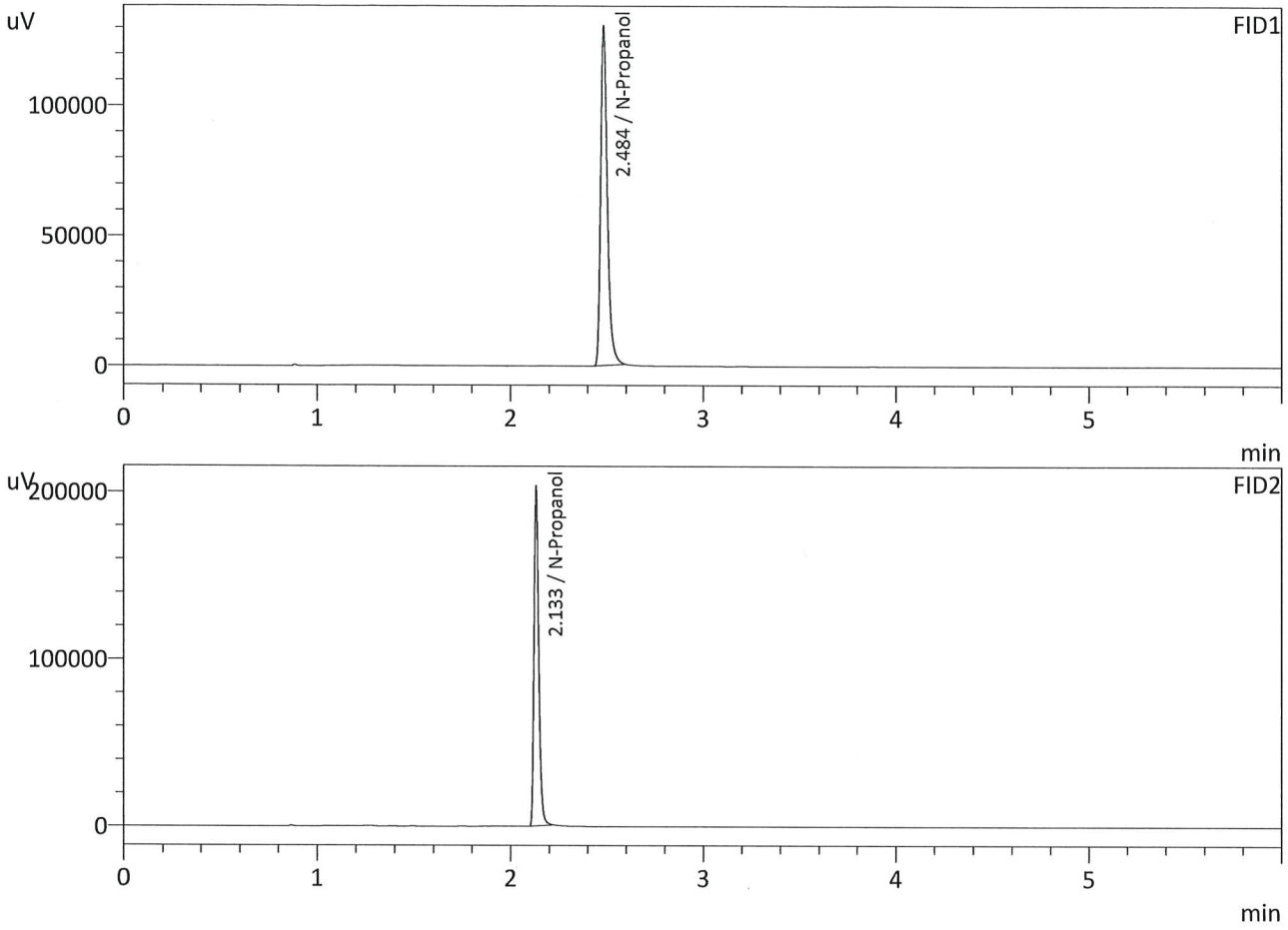
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5019	227448	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	319449	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5025	254244	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	348564	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 4:52:32 PM
Vial # : 7
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

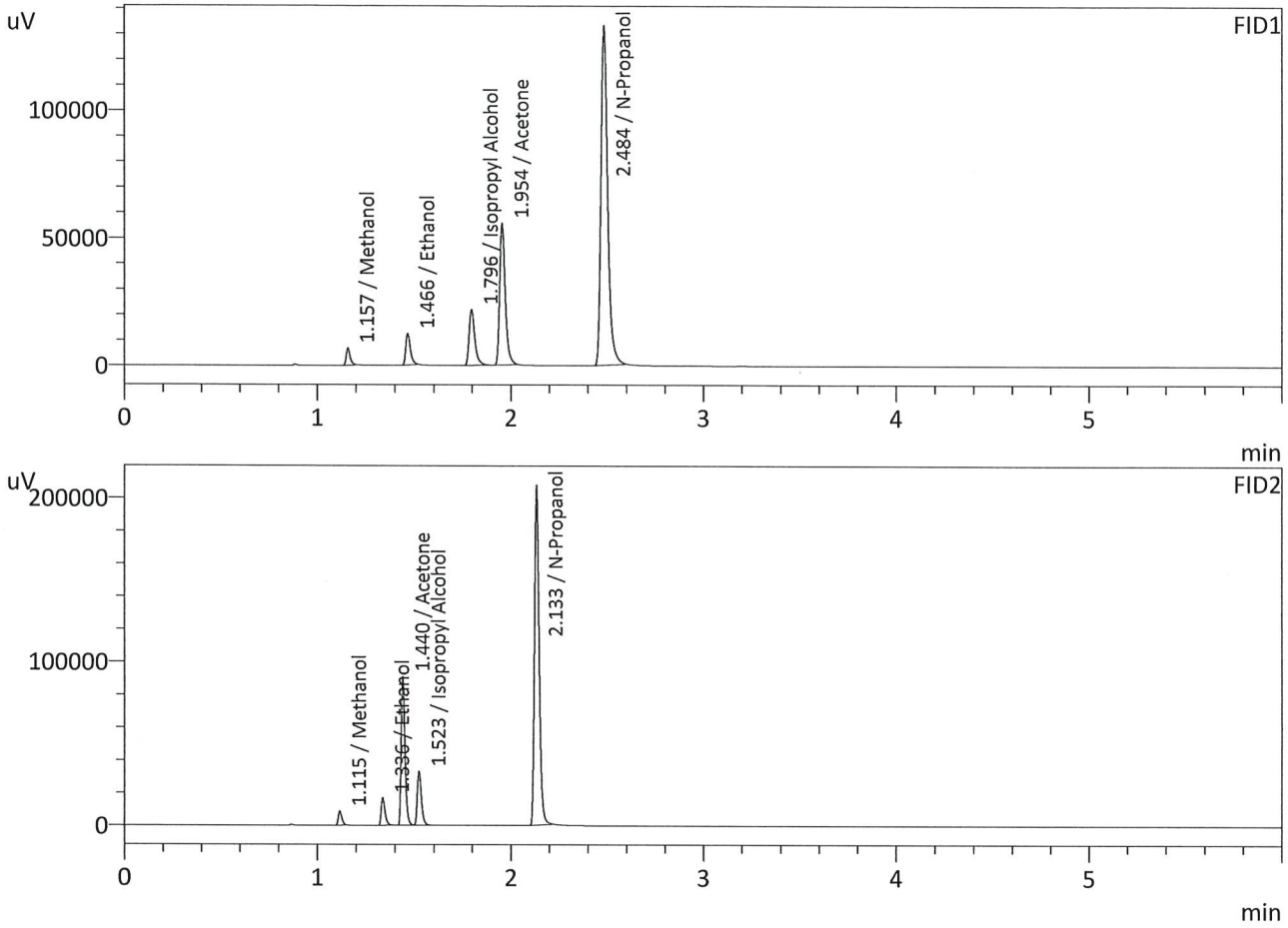
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	314108	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	343405	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 5:01:12 PM
Vial # : 8
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

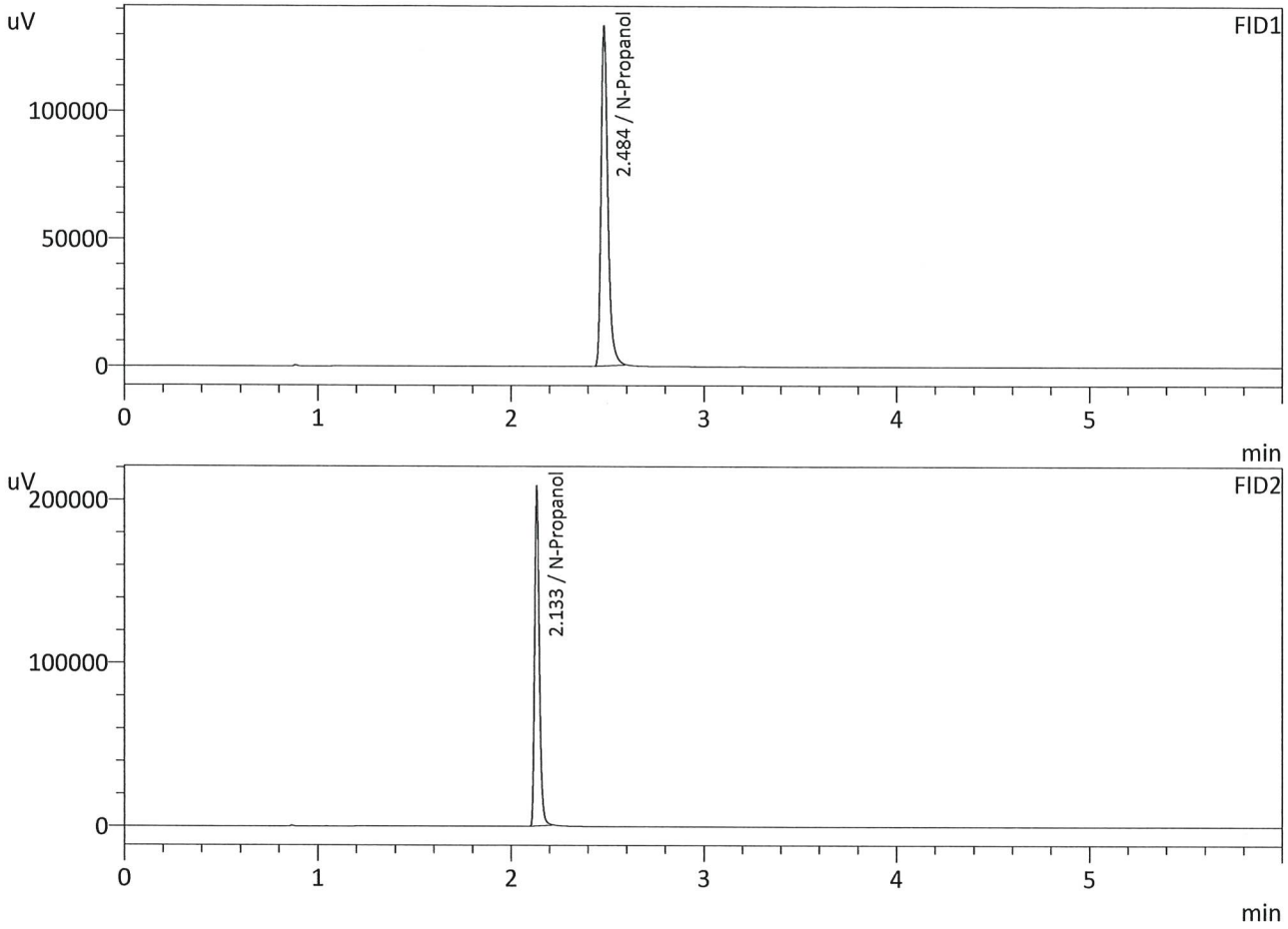
Name	Conc.	Area	Unit
Methanol	1.0000	9662	g/100cc
Ethanol	0.0522	20659	g/100cc
Isopropyl Alcohol	1.0000	44786	g/100cc
Acetone	1.0000	111031	g/100cc
N-Propanol	0.0000	320259	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	11120	g/100cc
Ethanol	0.0538	23226	g/100cc
Acetone	1.0000	124474	g/100cc
Isopropyl Alcohol	1.0000	47951	g/100cc
N-Propanol	0.0000	348956	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 5:11:57 PM
Vial # : 9
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	321309	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	351112	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2 **Item #1** **Analysis Date(s): 11/15/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2056	0.2046	0.0010	0.2051	0.0011	0.2045
(g/100cc)	0.2041	0.2039	0.0002	0.2040		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.204	0.193	0.215	0.011

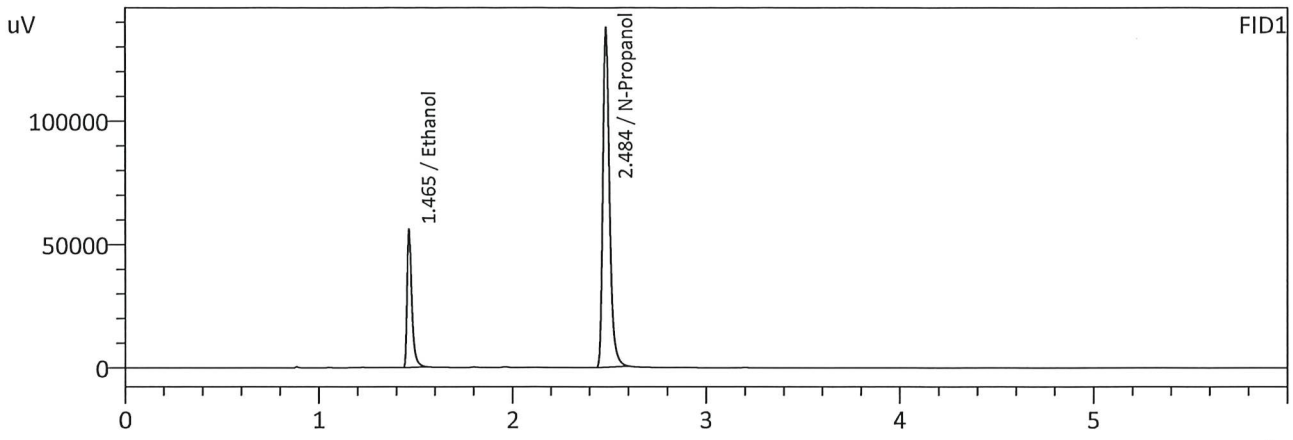
Reported Result

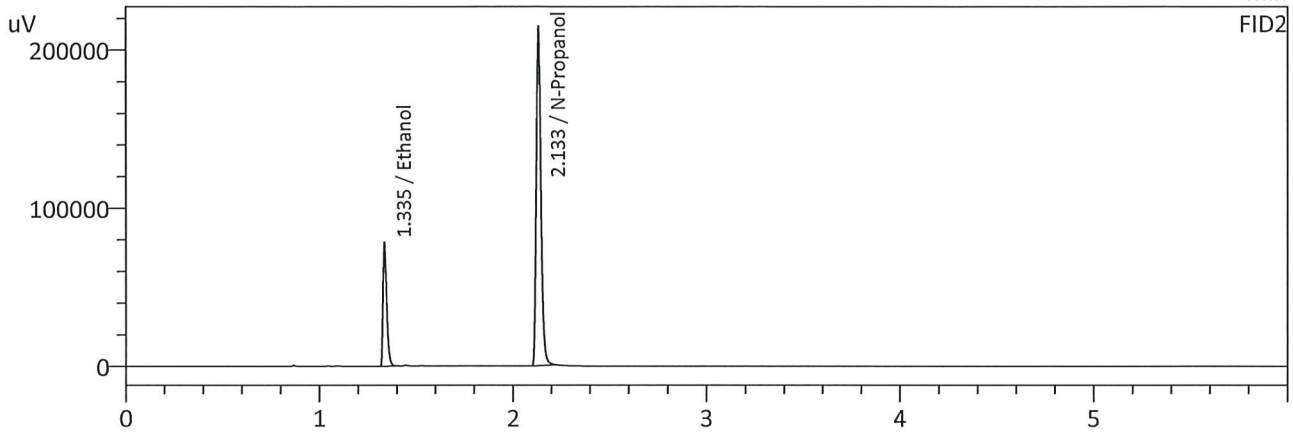
0.204

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 5:20:37 PM
Vial # : 10
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

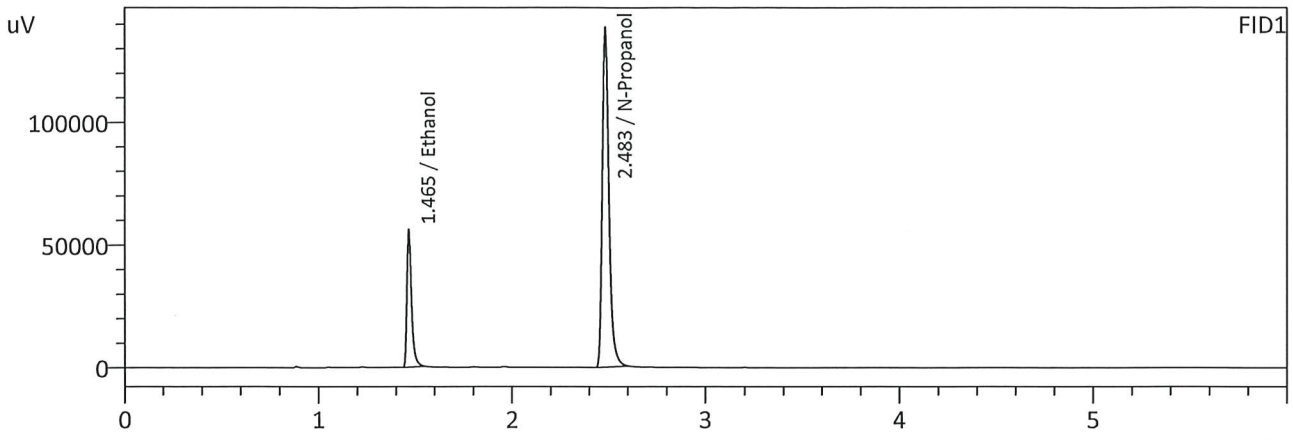
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2056	94356	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	330553	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

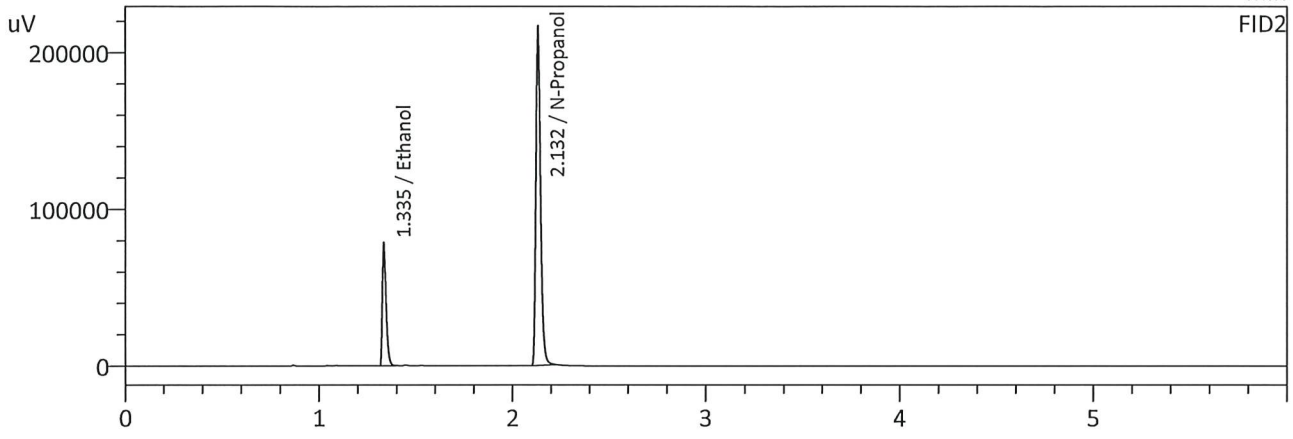
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2046	104311	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	360583	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 5:31:20 PM
Vial # : 11
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2041	94449	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	333322	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2039	104965	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	364151	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: 0.080 **Item #** **Analysis Date(s): 11/15/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0813	0.0816	0.0003	0.0814	0.0010	0.0819
(g/100cc)	0.0823	0.0826	0.0003	0.0824		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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

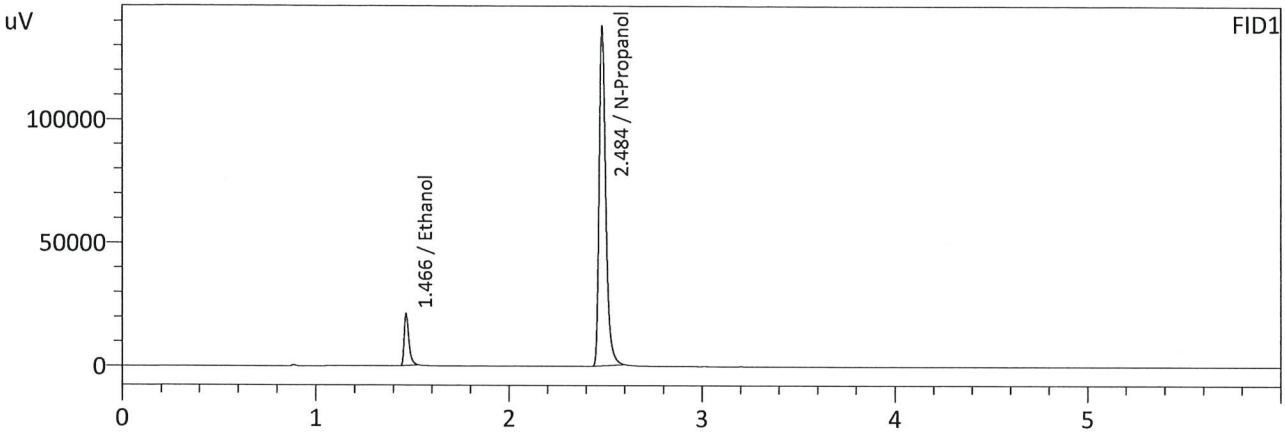
Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	0.076	0.086	0.005

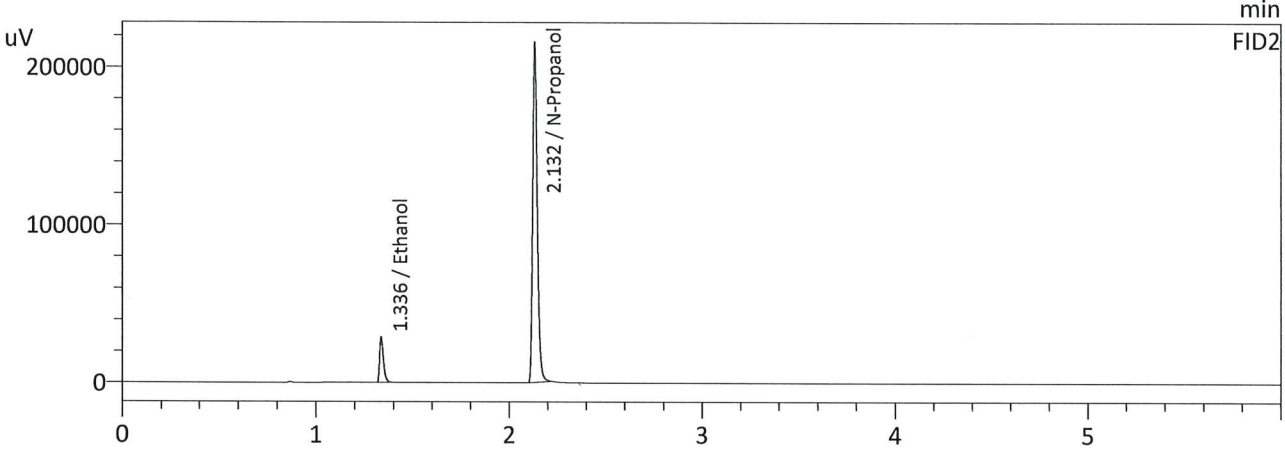
	Reported Result	
	0.081	

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA - A
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 5:40:01 PM
Vial # : 12
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

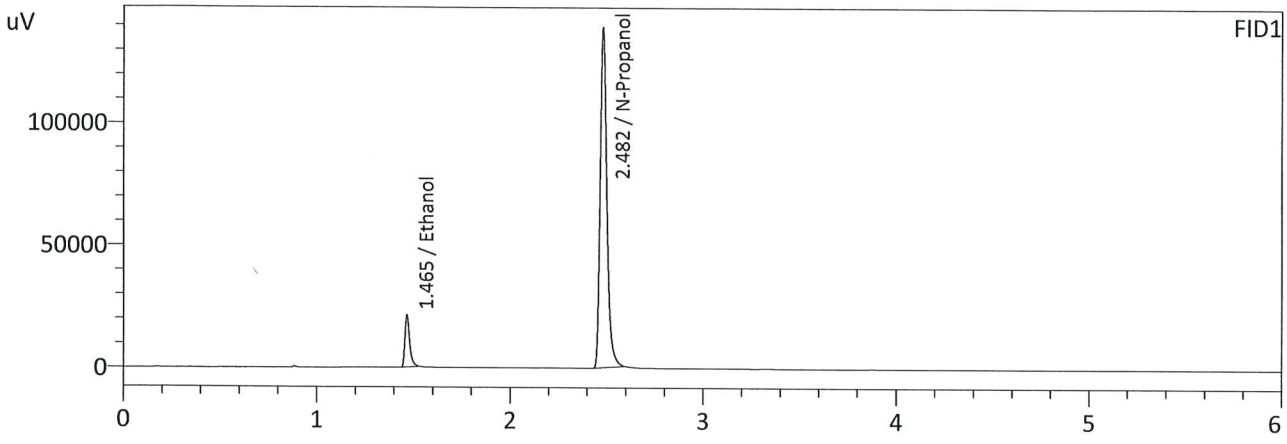
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0813	35281	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	331588	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

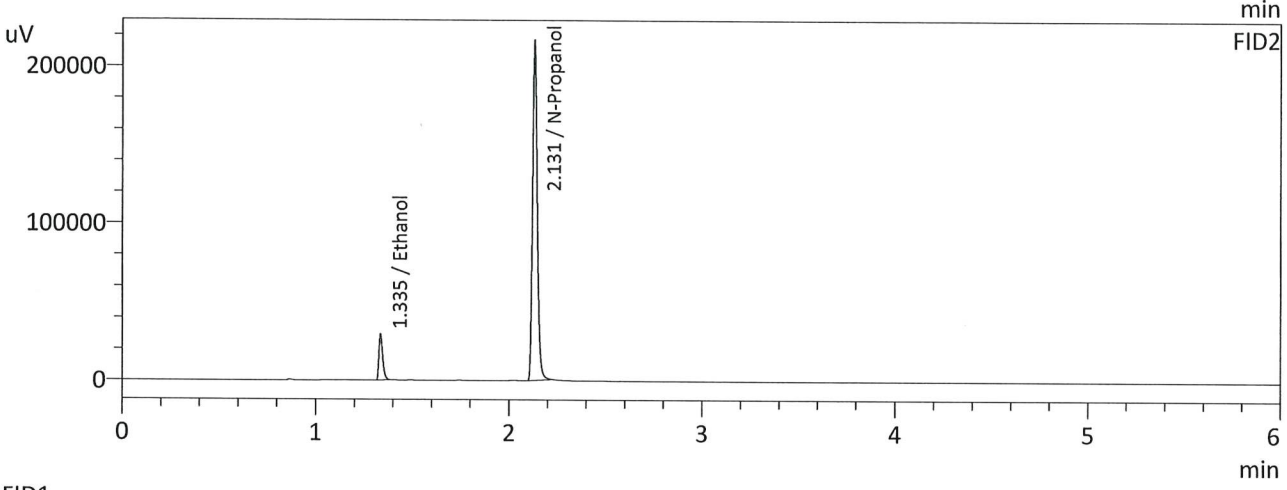
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0816	38981	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	362121	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 5:50:44 PM
Vial # : 13
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0823	36026	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	333865	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0826	39871	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	365400	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2 **Item #2** **Analysis Date(s): 11/15/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2090	0.2065	0.0025	0.2077	0.0011	0.2071
(g/100cc)	0.2079	0.2053	0.0026	0.2066		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.207	**0.196**	**0.218**	**0.011**

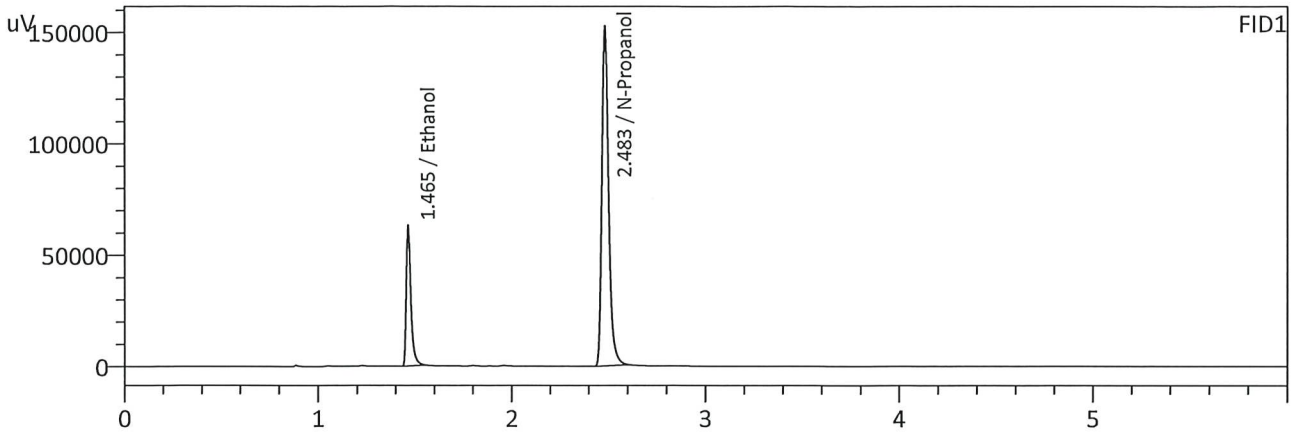
Reported Result

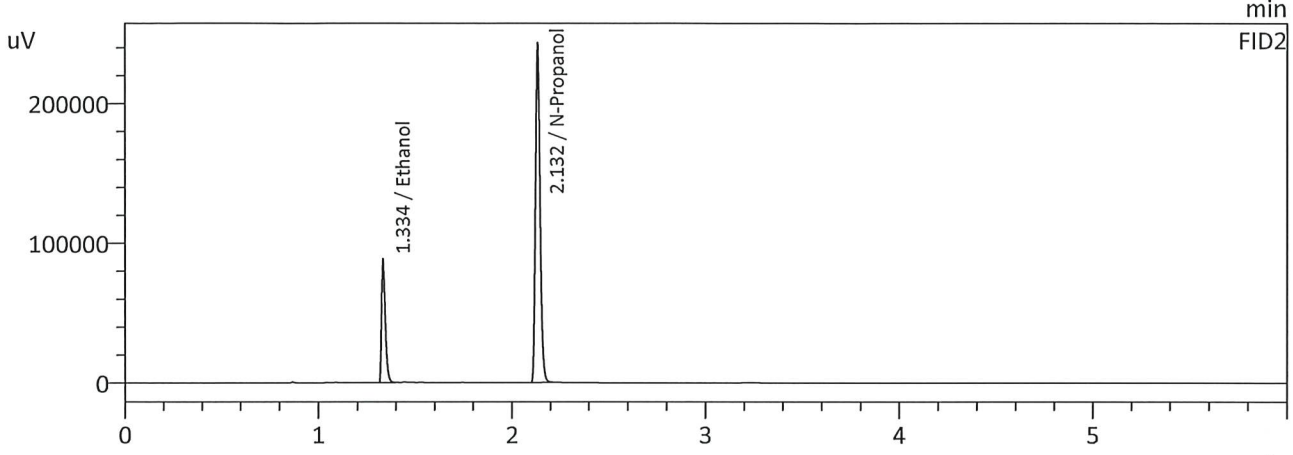
0.207

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2-A
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 8:54:01 PM
Vial # : 32
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

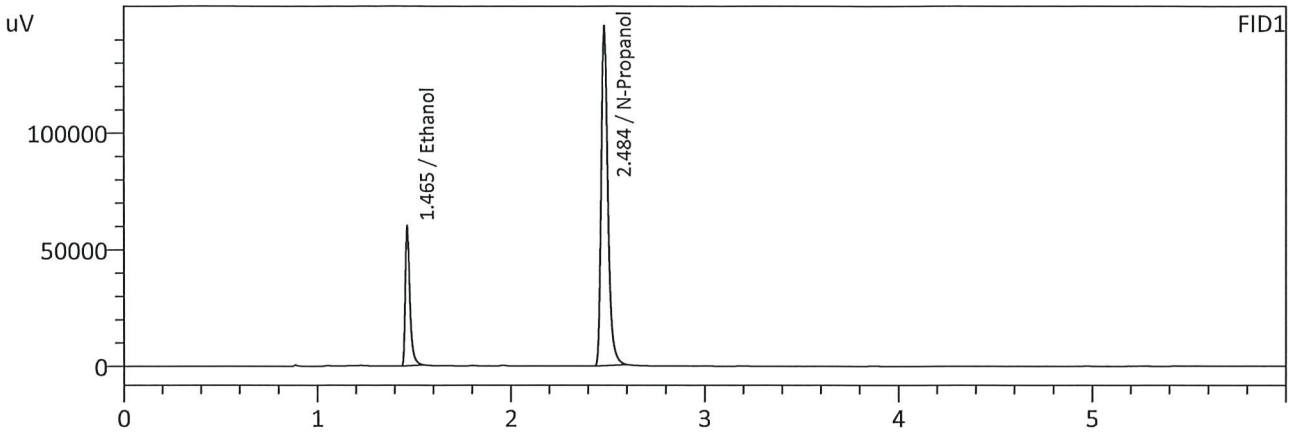
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2090	106430	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	366570	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

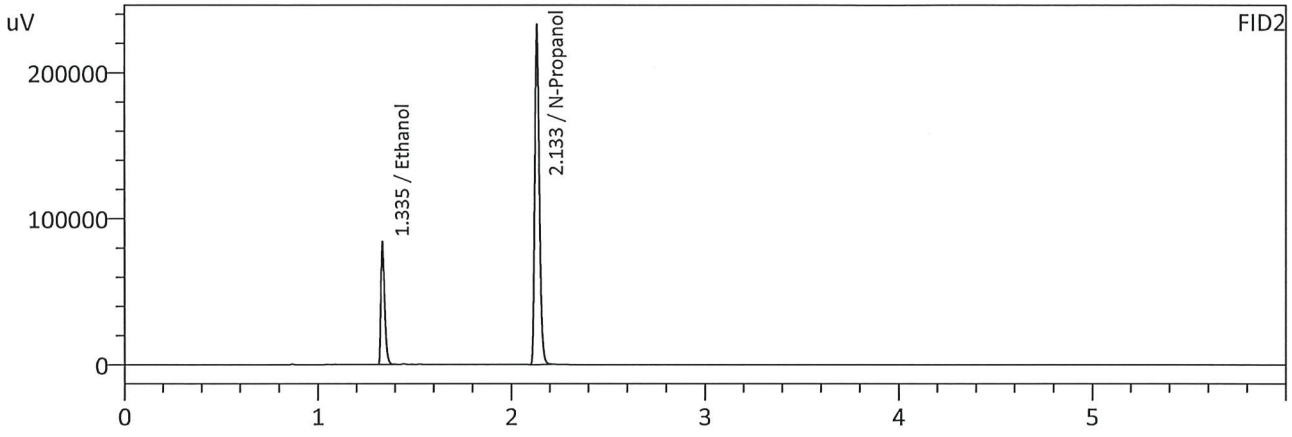
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2065	117479	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	402023	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 11/15/2022 9:04:47 PM
Vial # : 33
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2079	101278	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	350665	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2053	111737	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	384774	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2 **Item #3** **Analysis Date(s): 11/15/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2061	0.2036	0.0025	0.2048	0.0017	0.2056
(g/100cc)	0.2077	0.2053	0.0024	0.2065		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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

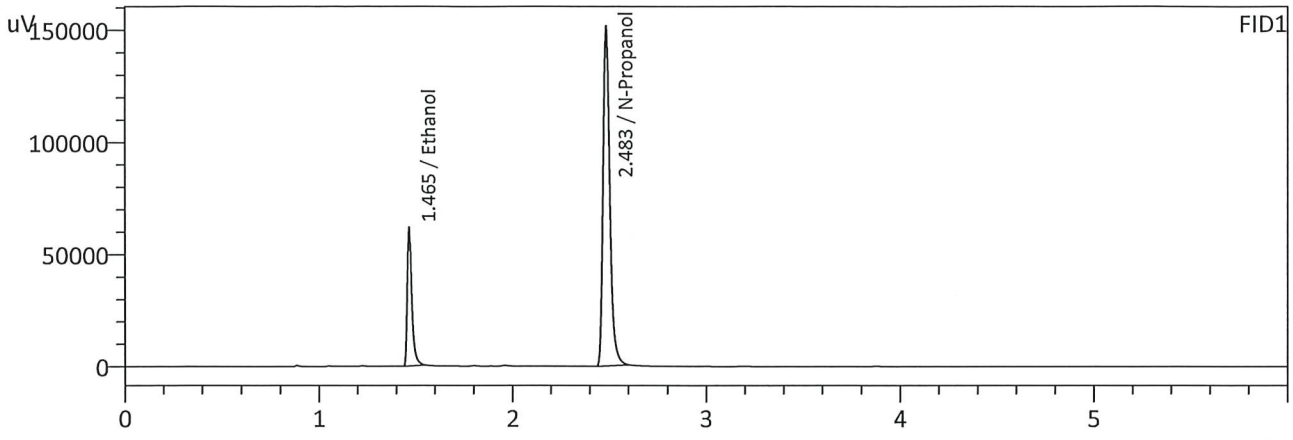
Overall Mean (g/100cc)	Low	High	5% of Mean
0.205	0.194	0.216	0.011

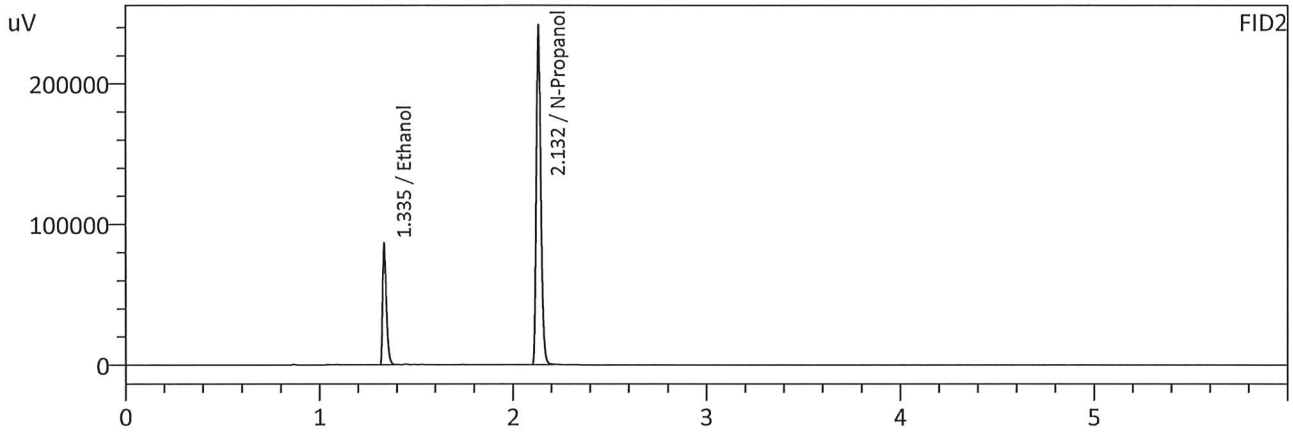
	Reported Result	
	0.205	

Calibration and control data are stored centrally.

99

Sample Name : QC-2-3-A
Laboratory : Coeur d' Alene Lab
Injection Date : 11/16/2022 12:27:41 AM
Vial # : 54
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

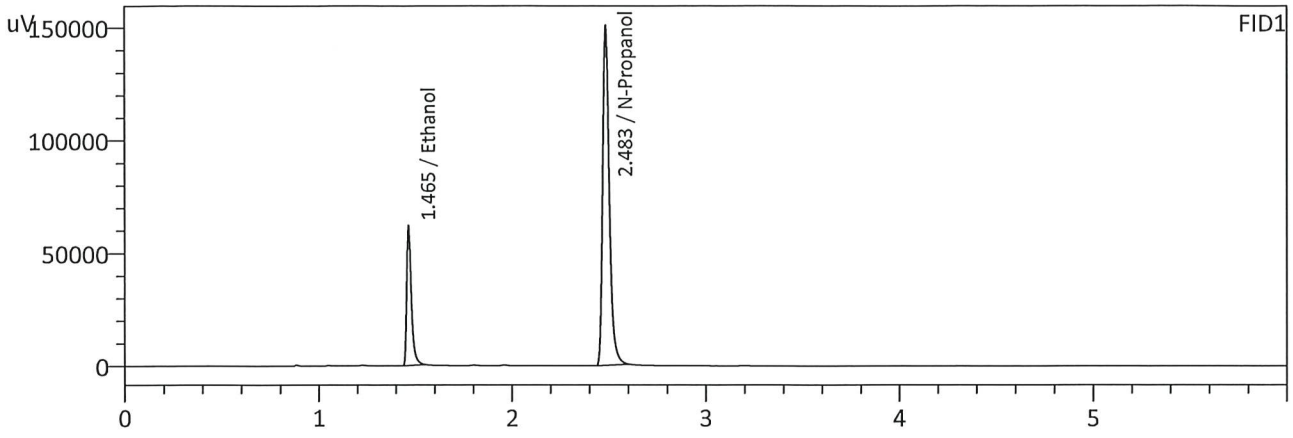
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2061	104276	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	364365	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

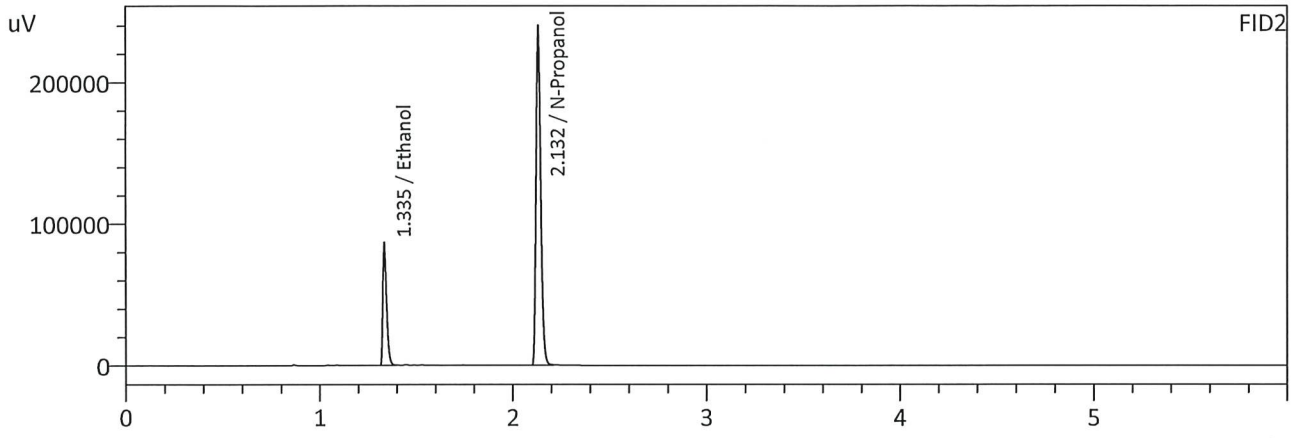
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2036	114961	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	399259	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-3-B
Laboratory : Coeur d' Alene Lab
Injection Date : 11/16/2022 12:38:26 AM
Vial # : 55
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2077	104654	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	362779	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2053	115377	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	397407	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC1 **Item #1** **Analysis Date(s): 11/15/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0816	0.0809	0.0007	0.0812	0.0004	0.0814
(g/100cc)	0.0821	0.0812	0.0009	0.0816		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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.

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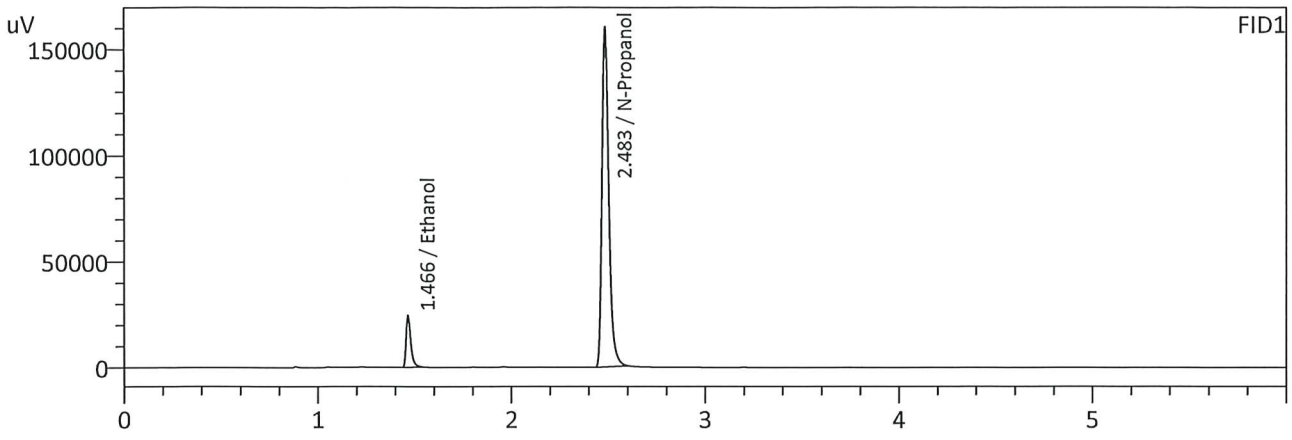
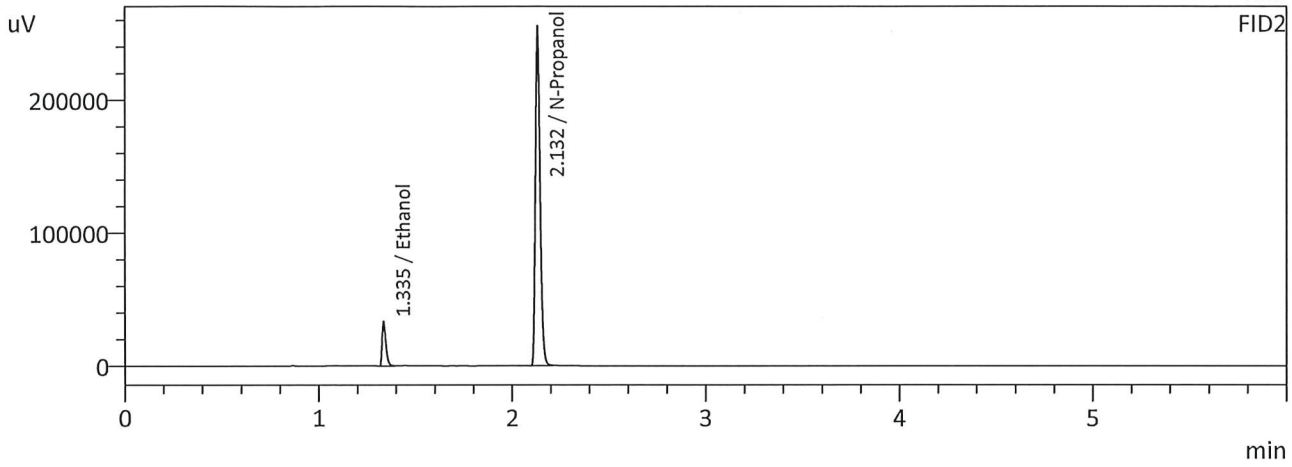
Sample Name : QC-1-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 11/16/2022 2:43:36 AM
Vial # : 68
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

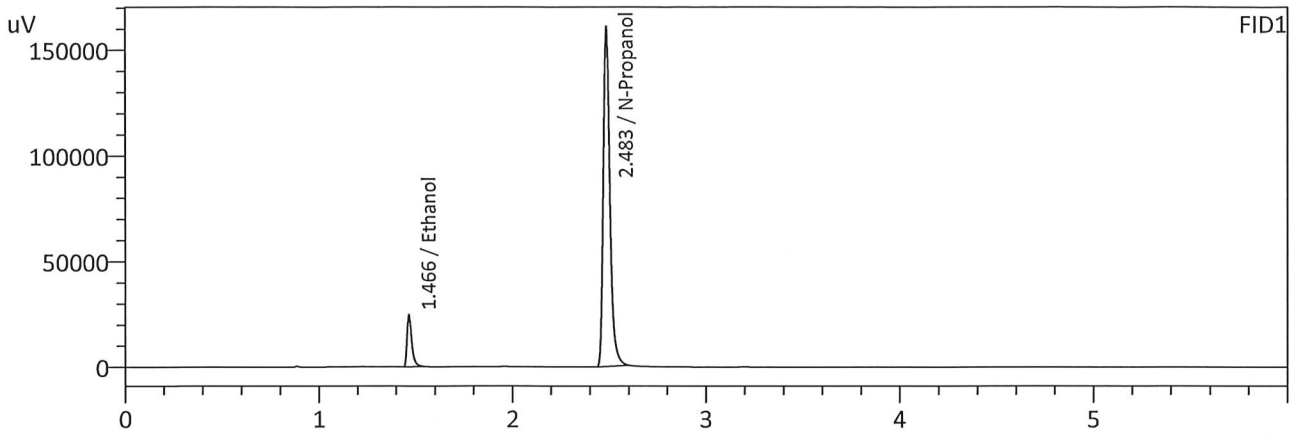
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0816	41142	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	384907	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

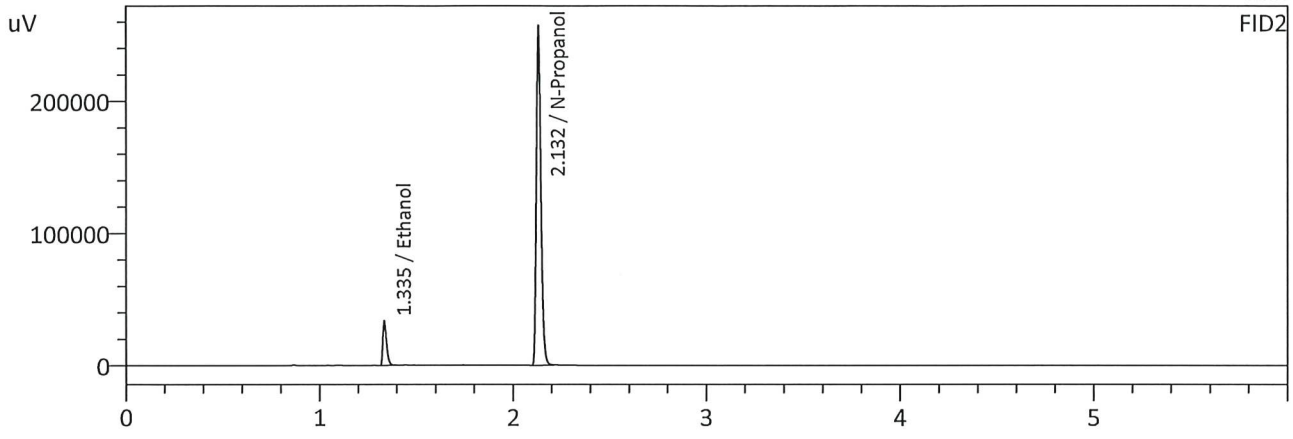
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0809	45009	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	422183	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 11/16/2022 2:54:21 AM
Vial # : 69
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

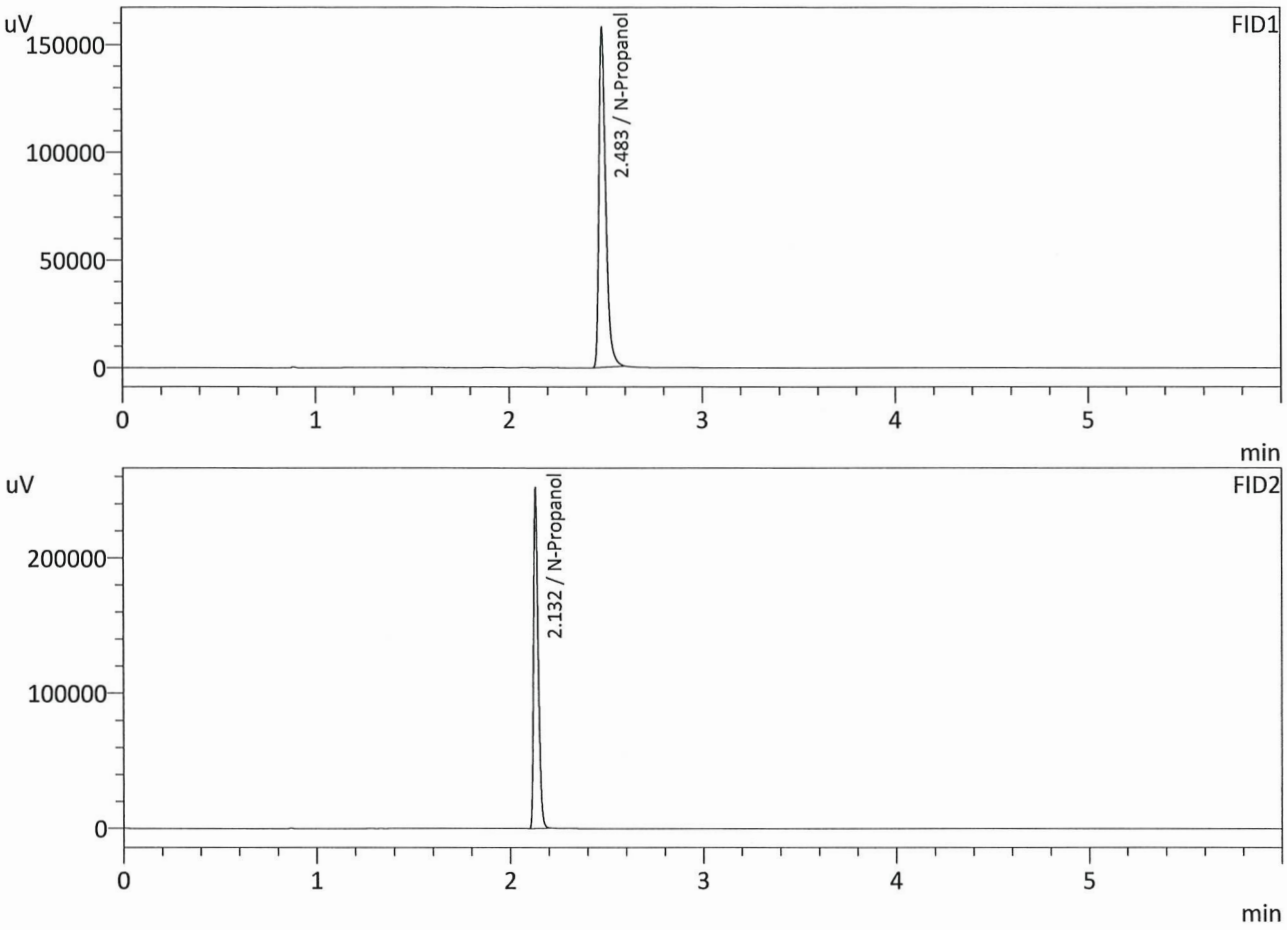
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0821	41591	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	386459	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0812	45424	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	424474	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
Laboratory : Coeur d' Alene Lab
Injection Date : 11/16/2022 3:02:52 AM
Vial # : 70
Method Filename : C:\LabSolutions\Data\11-15-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	379064	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	416348	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99