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5/1/2023

Worklist: 6352

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2023-0796	1	BCK	Alcohol Analysis
C2023-0816	1	BCK	Alcohol Analysis
C2023-0835	1	BCK	Alcohol Analysis
C2023-0841	1	BCK	Alcohol Analysis
C2023-0851	1	BCK	Alcohol Analysis
C2023-0853	1	BCK	Alcohol Analysis
C2023-0863	1	BCK	Alcohol Analysis
C2023-0880	1	BCK	Alcohol Analysis
C2023-0894	1	BCK	Alcohol Analysis
C2023-0895	1	BCK	Alcohol Analysis
C2023-0920	1	BCK	Alcohol Analysis
C2023-0932	1	BCK	Alcohol Analysis
M2023-1698	4	BCK	Alcohol Analysis

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Region 1 CDA Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255850700
Shimadzu HS-20 Serial #C12595700181
Lab Solutions DB Software Ver. 6.111

Vial#	Sample Name	Sample Type	Level#	Method File
78	INT STD BLK 5	0:Unknown	0	ALCOHOL.gcm
79	INT STD BLK 6	0:Unknown	0	ALCOHOL.gcm
80	INT STD BLK 7	0:Unknown	0	ALCOHOL.gcm
81	INT STD BLK 8	0:Unknown	0	ALCOHOL.gcm
82	INT STD BLK 9	0:Unknown	0	ALCOHOL.gcm
83	INT STD BLK 10	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	0.400	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-1-1	0:Unknown	0	ALCOHOL.gcm
11	QC-1-1-B	0:Unknown	0	ALCOHOL.gcm
12	0.08 QA	0:Unknown	0	ALCOHOL.gcm
13	0.08 QA - B	0:Unknown	0	ALCOHOL.gcm
14	C2023-0796-1	0:Unknown	0	ALCOHOL.gcm
15	C2023-0796-1-B	0:Unknown	0	ALCOHOL.gcm
16	C2023-0816-1	0:Unknown	0	ALCOHOL.gcm
17	C2023-0816-1-B	0:Unknown	0	ALCOHOL.gcm
18	C2023-0835-1	0:Unknown	0	ALCOHOL.gcm
19	C2023-0835-1-B	0:Unknown	0	ALCOHOL.gcm
20	C2023-0841-1	0:Unknown	0	ALCOHOL.gcm
21	C2023-0841-1-B	0:Unknown	0	ALCOHOL.gcm
22	C2023-0851-1	0:Unknown	0	ALCOHOL.gcm
23	C2023-0851-1-B	0:Unknown	0	ALCOHOL.gcm
24	C2023-0853-1	0:Unknown	0	ALCOHOL.gcm
25	C2023-0853-1-B	0:Unknown	0	ALCOHOL.gcm
26	C2023-0863-1	0:Unknown	0	ALCOHOL.gcm
27	C2023-0863-1-B	0:Unknown	0	ALCOHOL.gcm
28	C2023-0880-1	0:Unknown	0	ALCOHOL.gcm
29	C2023-0880-1-B	0:Unknown	0	ALCOHOL.gcm
30	C2023-0894-1	0:Unknown	0	ALCOHOL.gcm
31	C2023-0894-1-B	0:Unknown	0	ALCOHOL.gcm
32	QC-1-2	0:Unknown	0	ALCOHOL.gcm
33	QC-1-2-B	0:Unknown	0	ALCOHOL.gcm
34	C2023-0895-1	0:Unknown	0	ALCOHOL.gcm
35	C2023-0895-1-B	0:Unknown	0	ALCOHOL.gcm
36	C2023-0920-1	0:Unknown	0	ALCOHOL.gcm
37	C2023-0920-1-B	0:Unknown	0	ALCOHOL.gcm
38	C2023-0932-1	0:Unknown	0	ALCOHOL.gcm
39	C2023-0932-1-B	0:Unknown	0	ALCOHOL.gcm
40	M2023-1698-4	0:Unknown	0	ALCOHOL.gcm
41	M2023-1698-4-B	0:Unknown	0	ALCOHOL.gcm
42	QC-2-1	0:Unknown	0	ALCOHOL.gcm
43	QC-2-1-B	0:Unknown	0	ALCOHOL.gcm
44	INT STD BLK 4	0:Unknown	0	ALCOHOL.gcm

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):** **5/2/2023**

Calibration Date: *(if different)*

Worklist #: **6352**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0834 g/100cc
					0.0839 g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953 - 0.2387	0.2087 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	Exp:	January 31, 2026	Lot #	FN01212104	OK
Curve Fit:		Column 1	0.99949	Column2	0.99931

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0538	0.0545	0.0007	0.0541
100	0.100	0.090 - 0.110	0.1005	0.1006	1E-04	0.1005
200	0.200	0.180 - 0.220	0.1946	0.1936	0.001	0.1941
300	0.300	0.270 - 0.330			0	#DIV/0!
400	0.400	0.360 - 0.440	0.3965	0.3960	0.0005	0.3962
500	0.500	0.450 - 0.550	0.5044	0.5050	0.0006	0.5047

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.083 g/100cc

REVIEWED

By Rachel Cutler at 2:30 pm, May 04, 2023

Internal Standard Monitoring Worksheet

Worklist #:	6352	Run Date(s):	5/2/2023

Internal Standard Solution: Lot# A014463901	Prep Date: 3/14/2023	Exp Date: 9/14/2023

Sample Name	Column 1 Value	Column 2 Value
0.080	274437	294950
0.080	284747	306989
QC1	276950	297646
QC1	284297	306083
QC1	321865	346395
QC1	312768	336475
QC1		
QC1		
QC2	326582	351824
QC2	326330	351113
QC2		
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	300997.0	240797.6	361196.4
Column 2	323934.4	259147.5	388721.3

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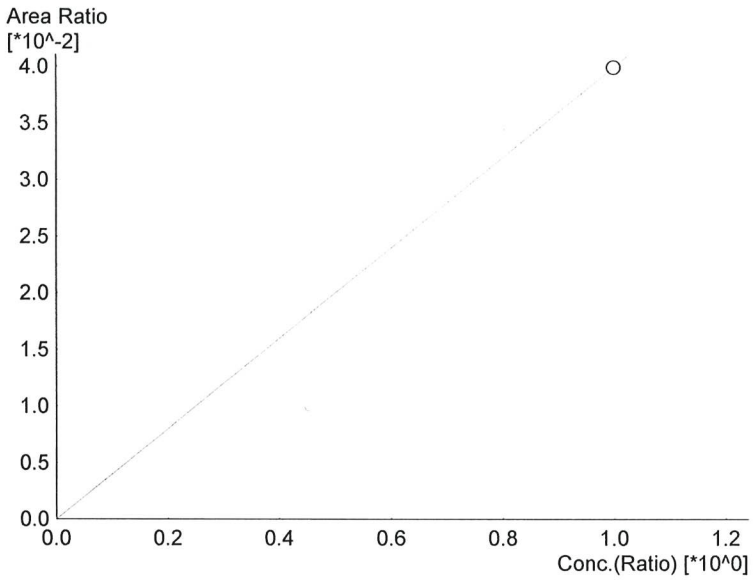
Calibration Table

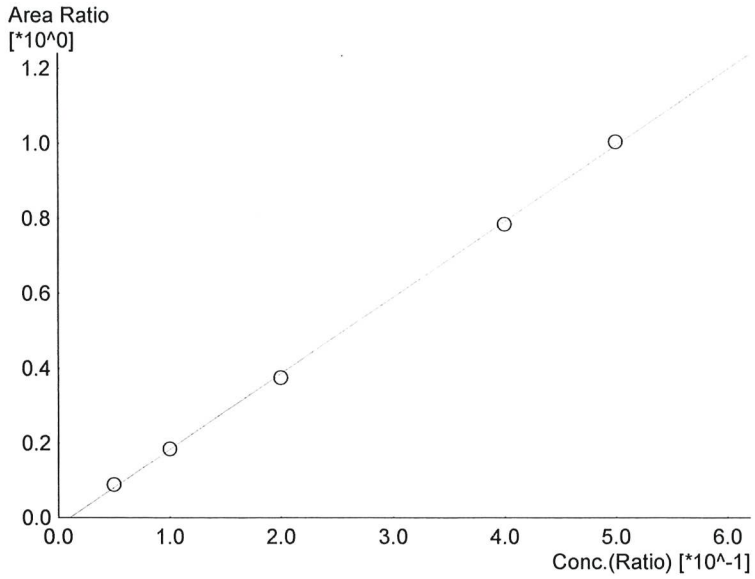
Laboratory : Coeur d' Alene
Instrument Name : BML8F33-Instrument1
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :Default Project - ALCOHOL.gcm
Batch File :Default Project - 5-2-23.gcb
Date Acquired :5/2/2023 4:33:30 PM
Date Created :5/2/2023 4:30:53 PM
Date Modified :5/2/2023 4:39:32 PM



Name : Methanol
Detector Name: FID1
Function : f(x)=0.0399094*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	10059	1.0000



Name : Ethanol
Detector Name: FID1
Function : f(x)=2.03236*x-0.0204165
R^2 value= 0.9994942
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	22993	0.0538
2	0.100	48527	0.1005
3	0.200	97471	0.1946
4	0.400	208217	0.3965
5	0.500	269307	0.5044

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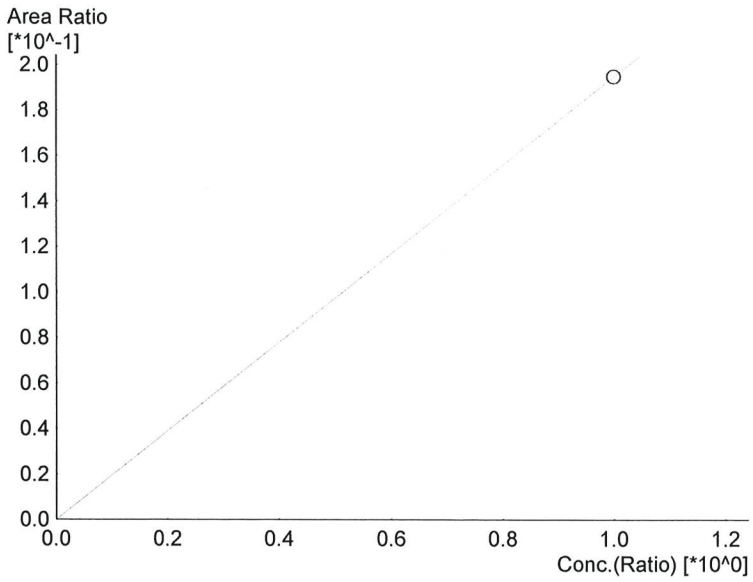
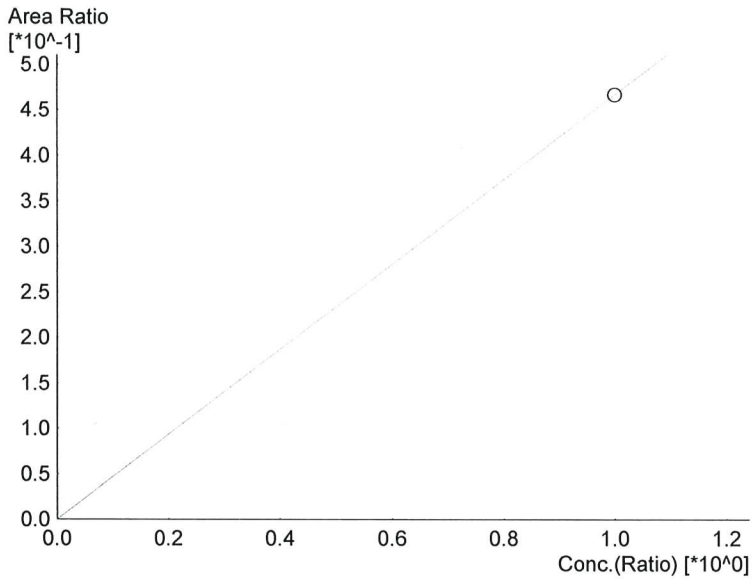


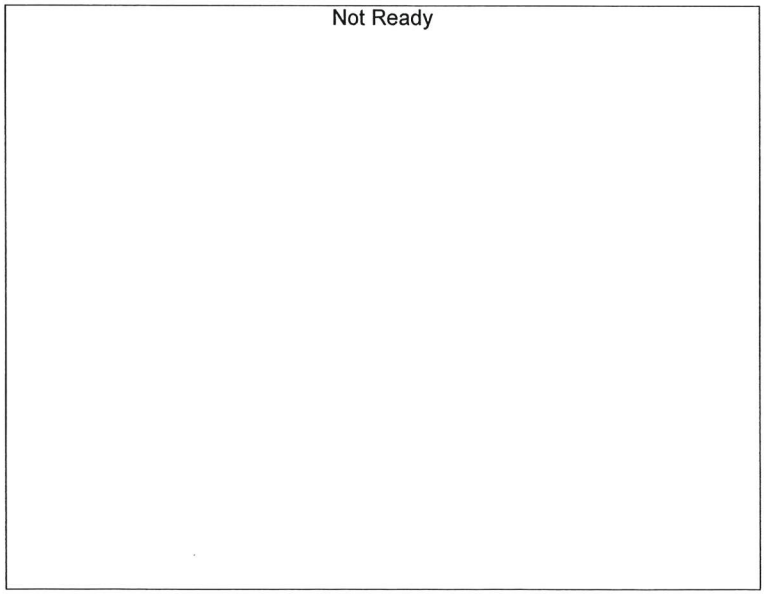
Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.194937*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	49132	1.0000



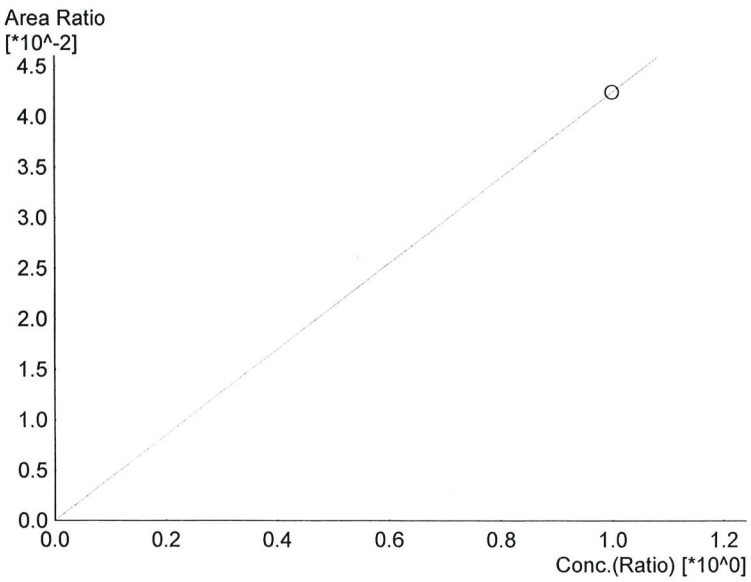
Name : Acetone
Detector Name: FID1
Function : f(x)=0.467230*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	117760	1.0000



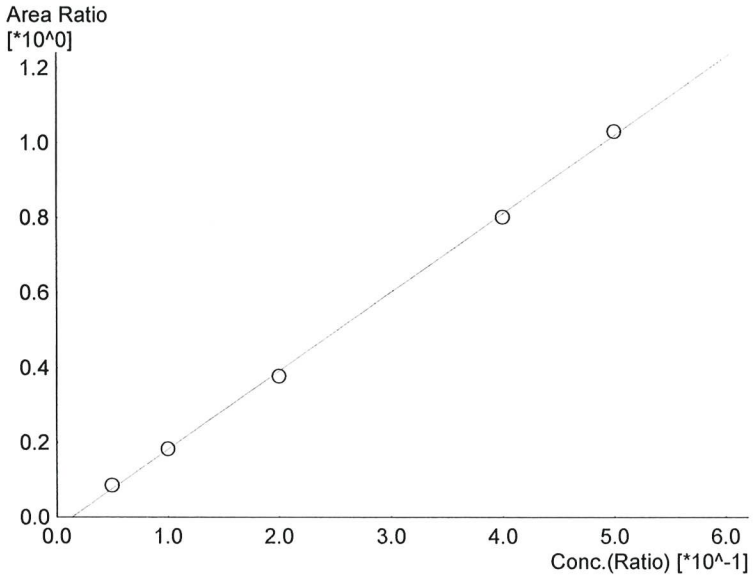
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



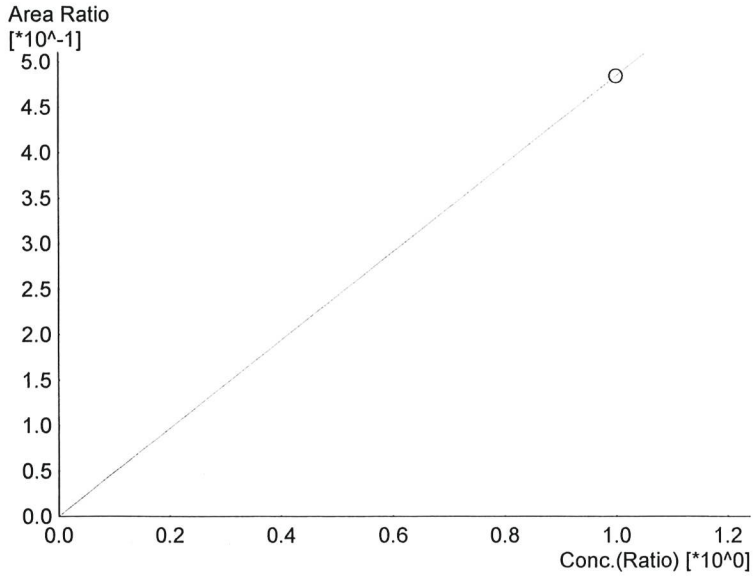
Name : Methanol
Detector Name: FID2
Function : f(x)=0.0424374*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	11542	1.0000



Name : Ethanol
Detector Name: FID2
Function : f(x)=2.09695*x-0.0285646
R^2 value= 0.9993113
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	23705	0.0545
2	0.100	51600	0.1006
3	0.200	105143	0.1936
4	0.400	228302	0.3960
5	0.500	296268	0.5050



Name : Acetone
Detector Name: FID2
Function : f(x)=0.484725*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	131832	1.0000

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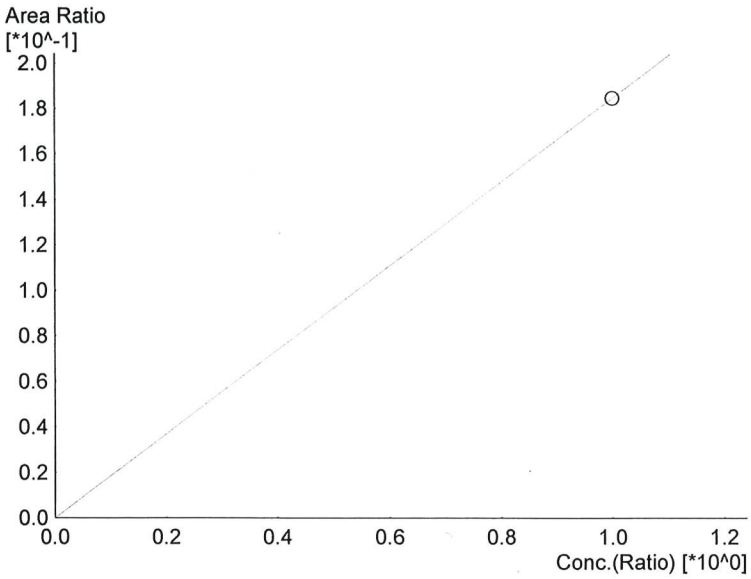


Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.184562*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	50196	1.0000

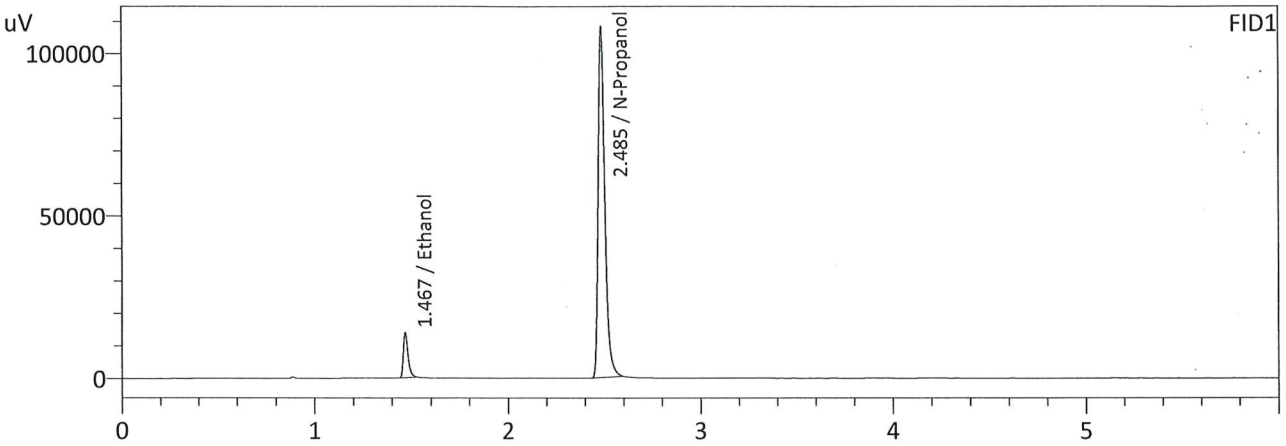
Not Ready

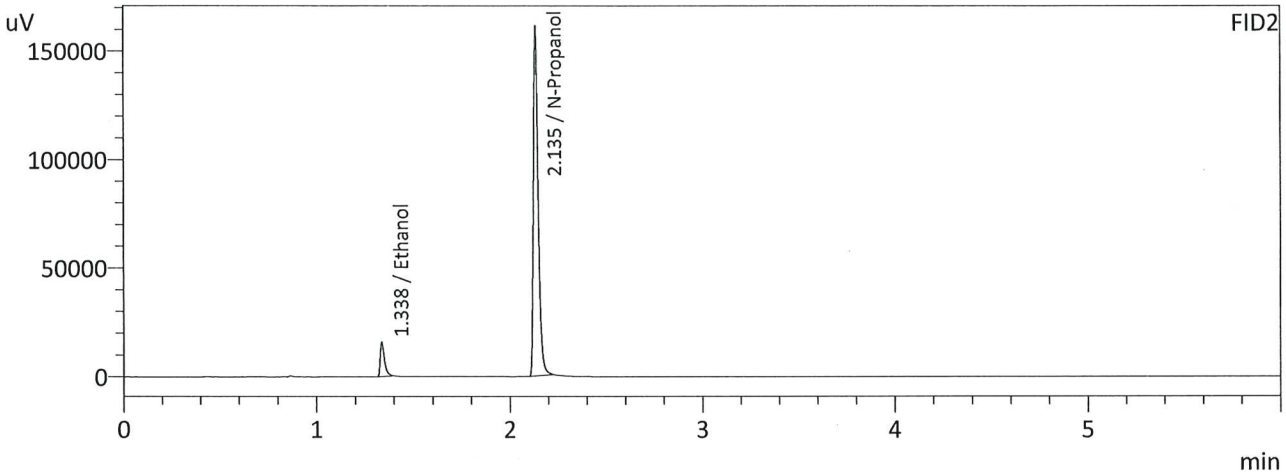
Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

99

Sample Name : 0.050
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 3:54:42 PM
Vial # : 2
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

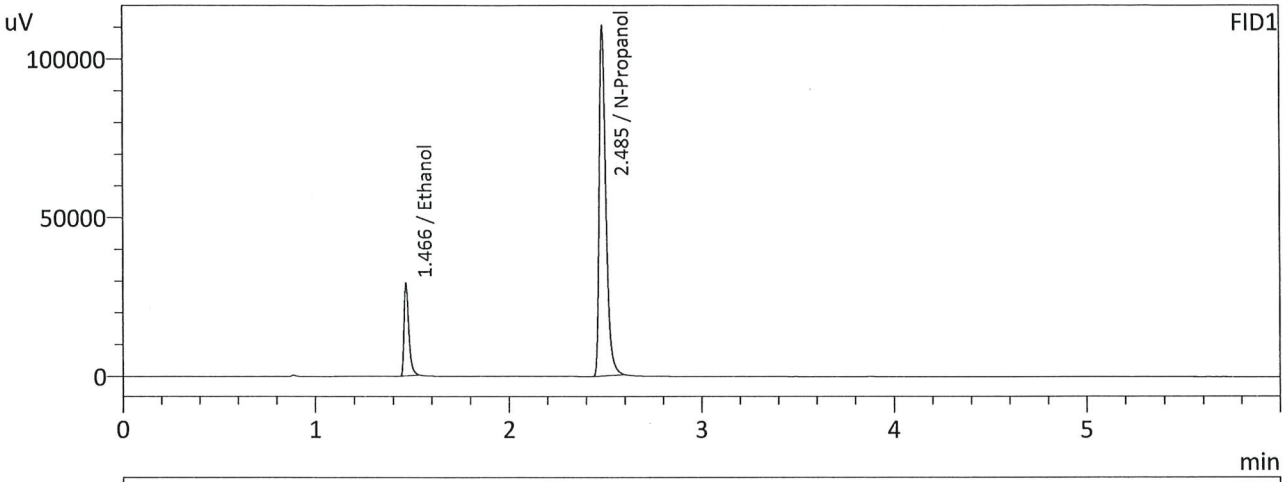
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0538	22993	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	258101	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

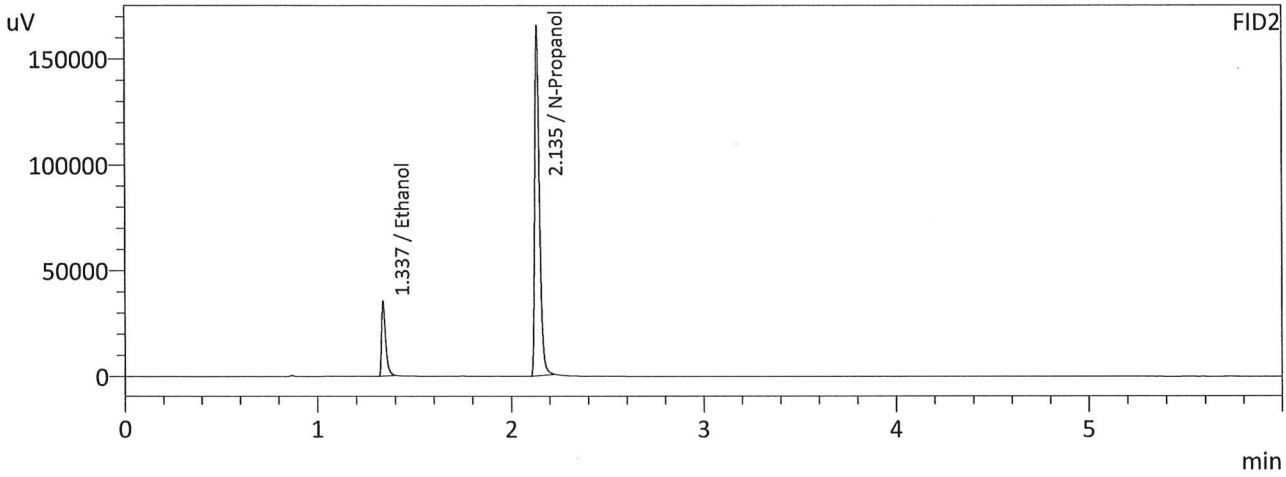
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0545	23705	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	276133	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.100
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 4:05:26 PM
Vial # : 3
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

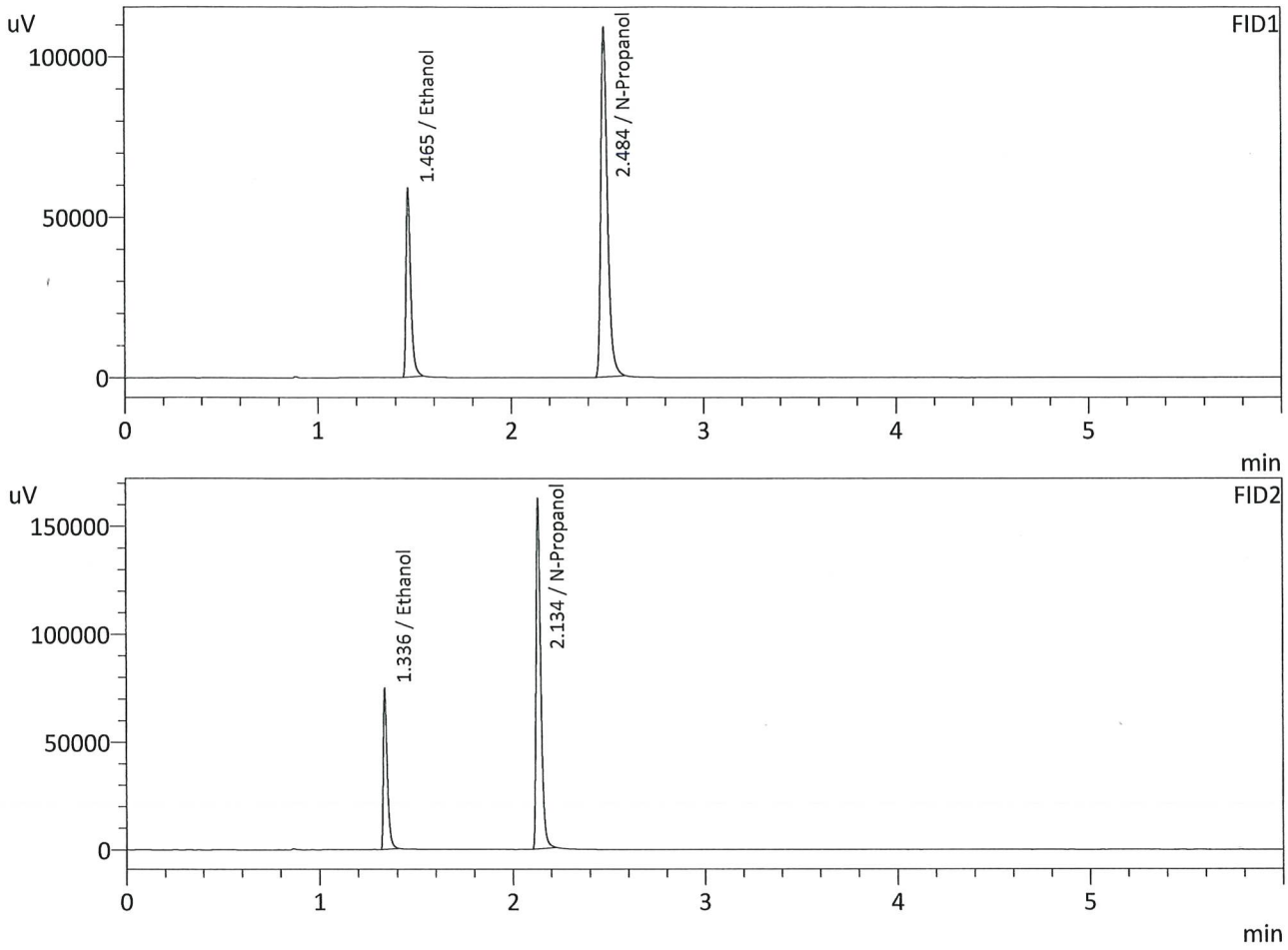
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1005	48527	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	263876	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1006	51600	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	282771	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.200
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 4:14:06 PM
Vial # : 4
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

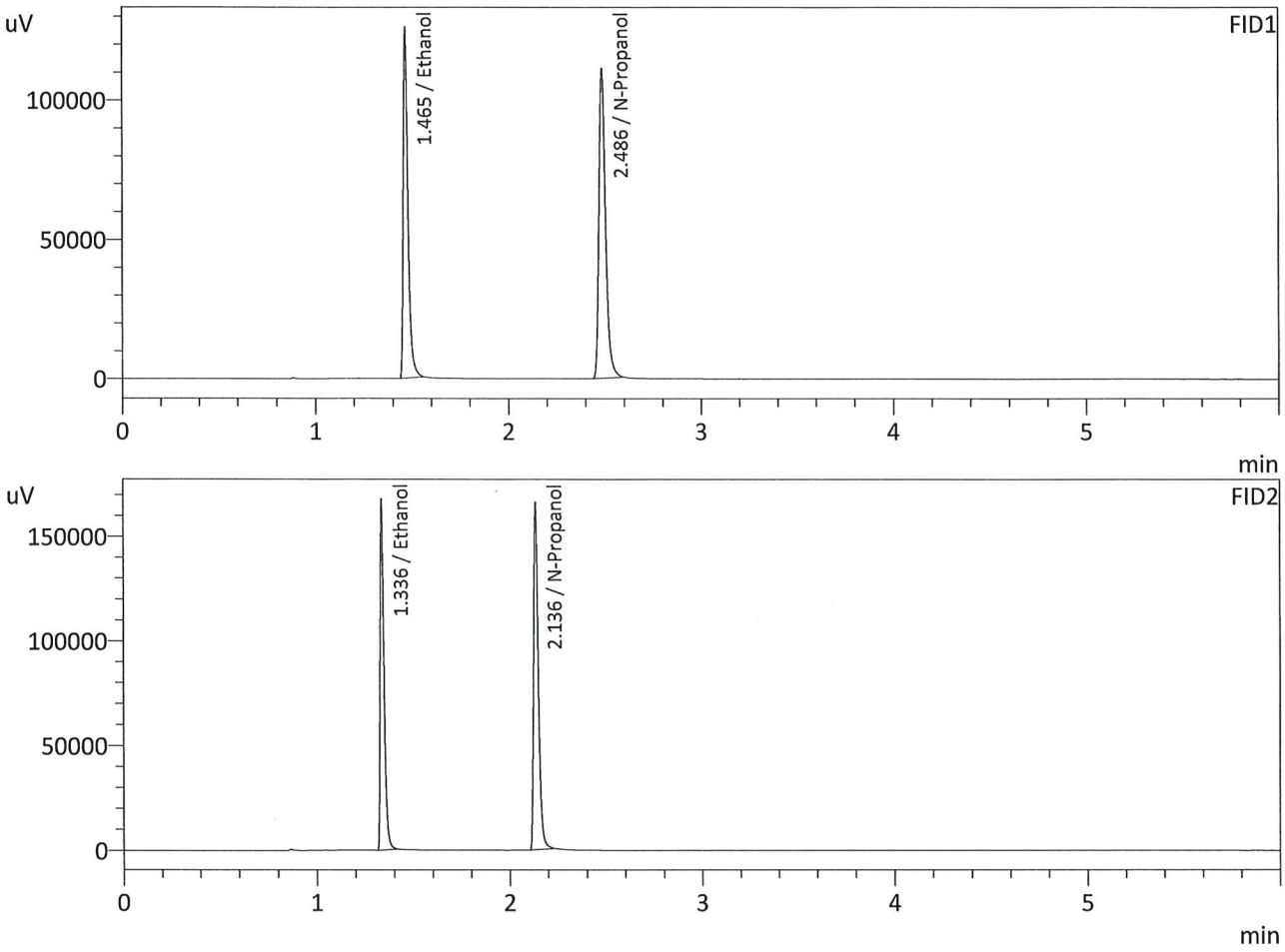
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1946	97471	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	259822	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1936	105143	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	278590	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.400
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 4:24:50 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

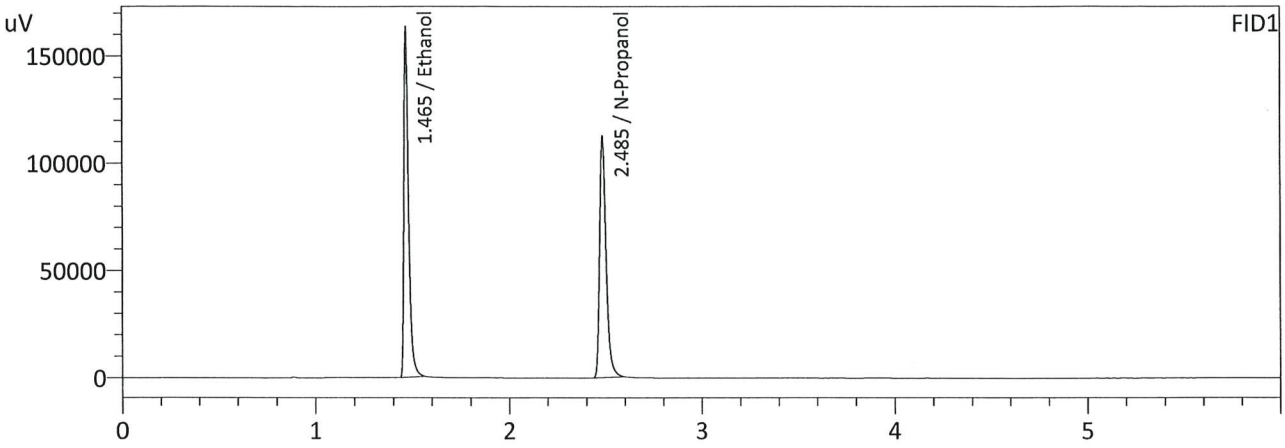
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3965	208217	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	265088	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

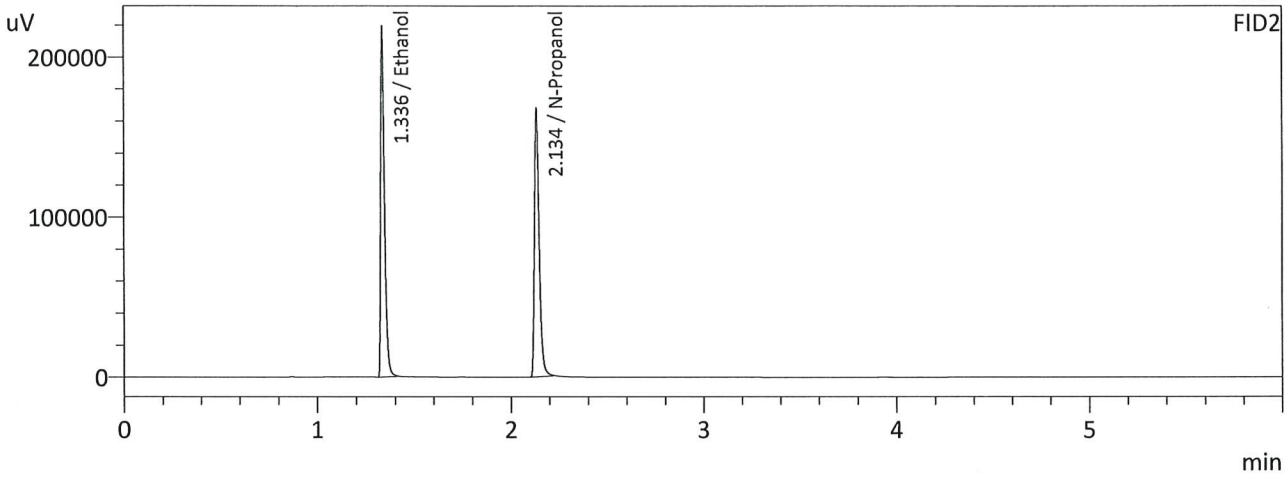
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3960	228302	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	284657	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.500
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 4:33:30 PM
Vial # : 6
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

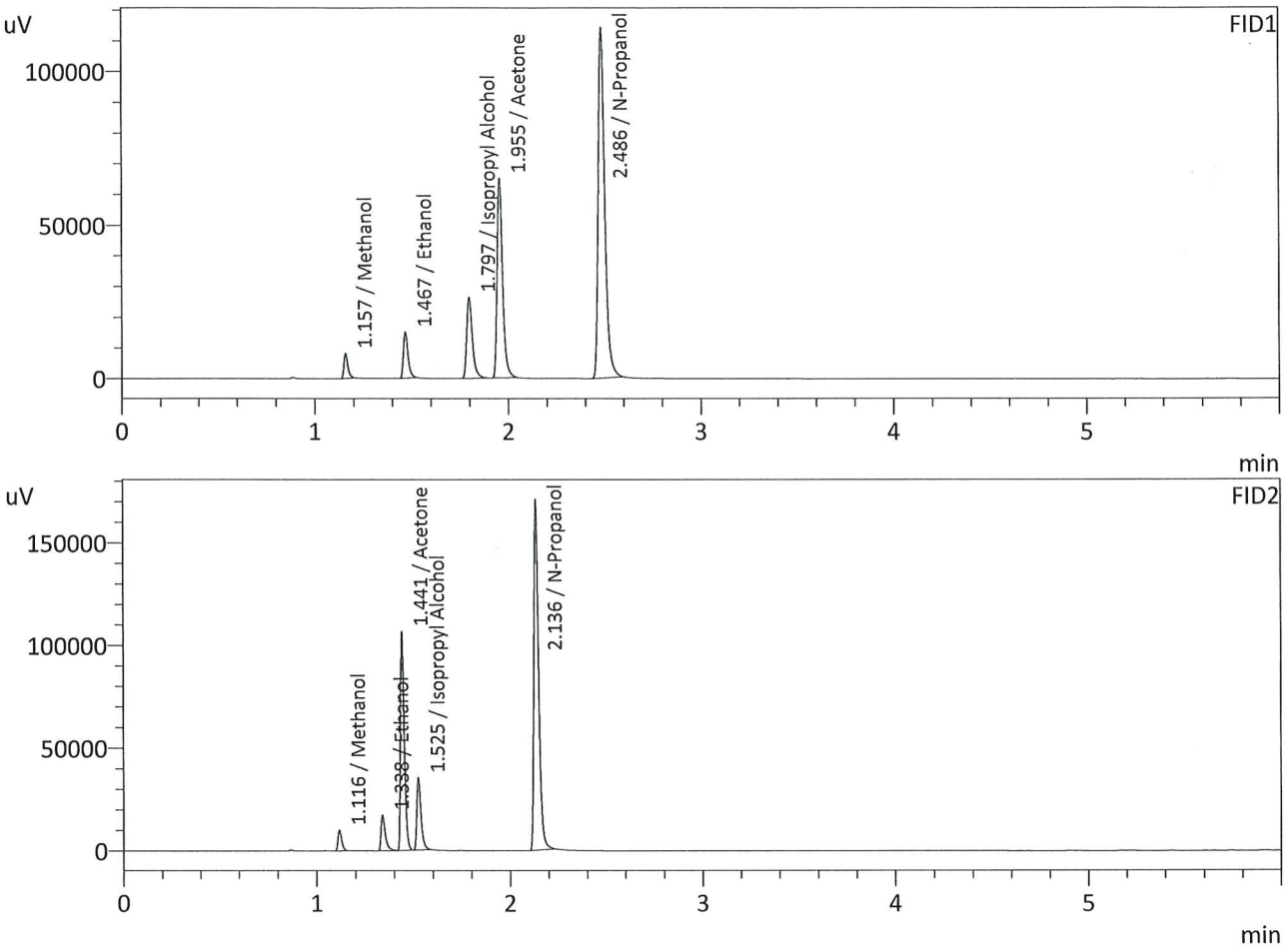
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5044	269307	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	268027	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5050	296268	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	287470	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 4:52:54 PM
Vial # : 8
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

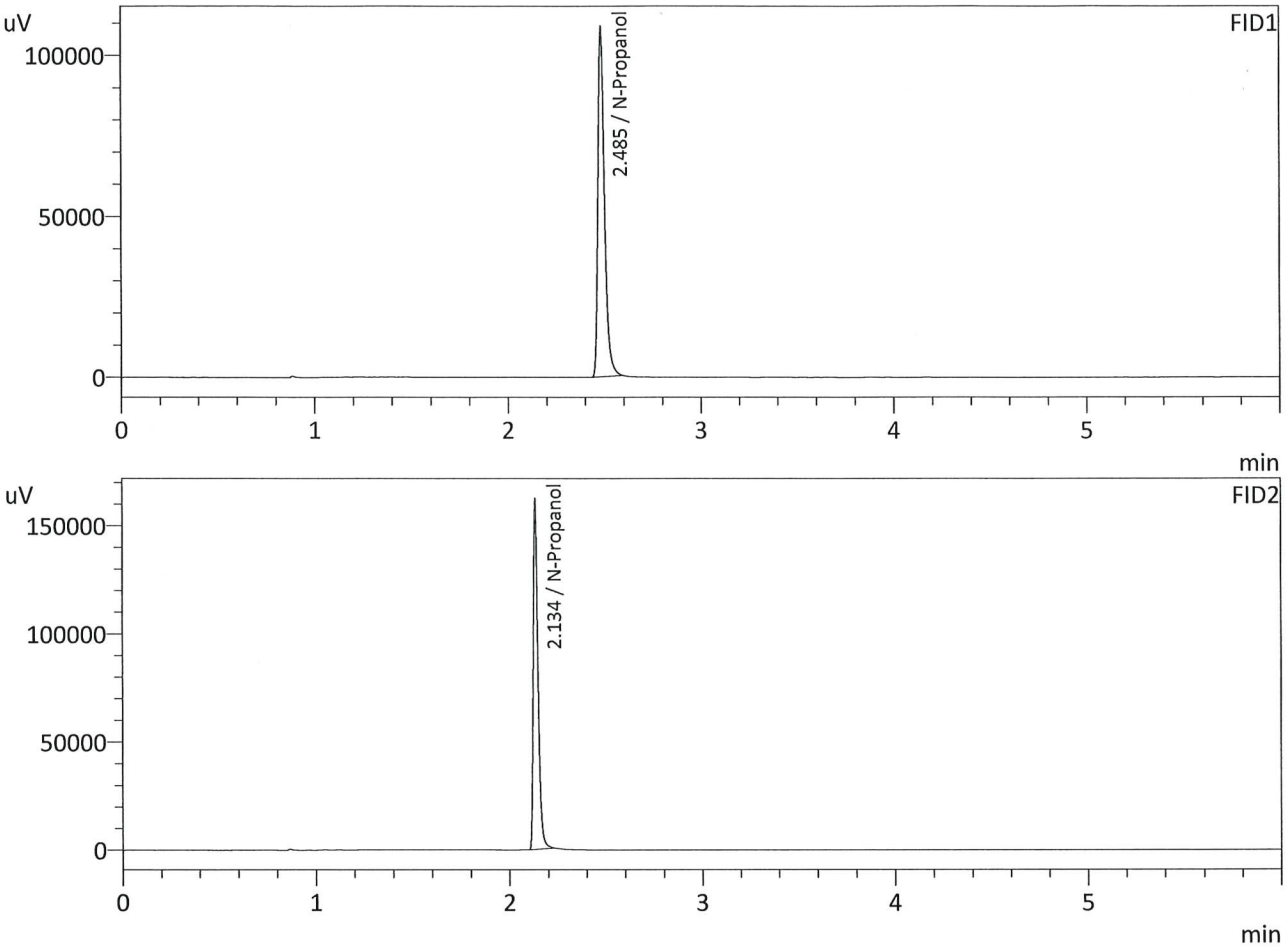
Name	Conc.	Area	Unit
Methanol	1.0000	11399	g/100cc
Ethanol	0.0550	24878	g/100cc
Isopropyl Alcohol	1.0000	53316	g/100cc
Acetone	1.0000	129134	g/100cc
N-Propanol	0.0000	272160	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	13064	g/100cc
Ethanol	0.0571	26670	g/100cc
Acetone	1.0000	144650	g/100cc
Isopropyl Alcohol	1.0000	54050	g/100cc
N-Propanol	0.0000	292062	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 3:46:01 PM
Vial # : 1
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

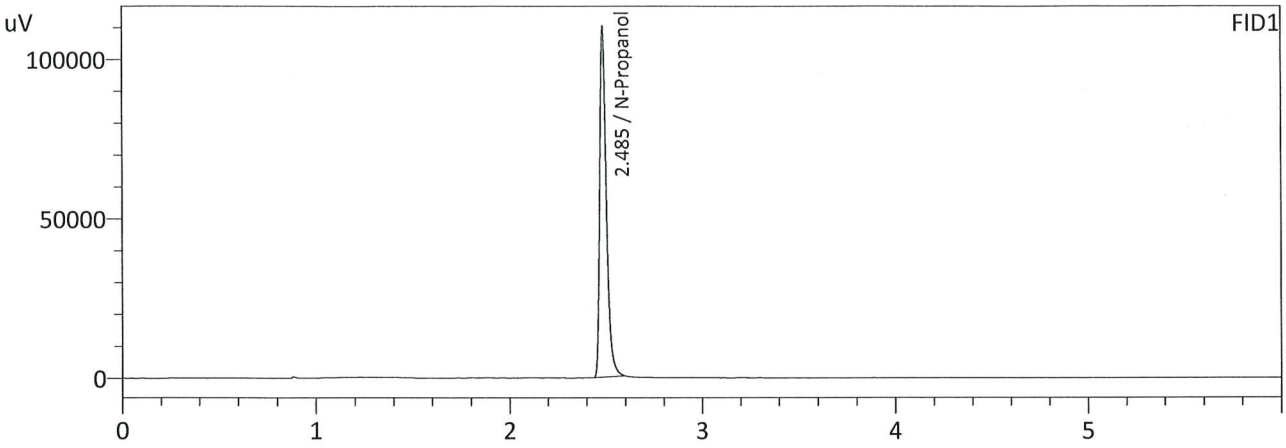
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	259018	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

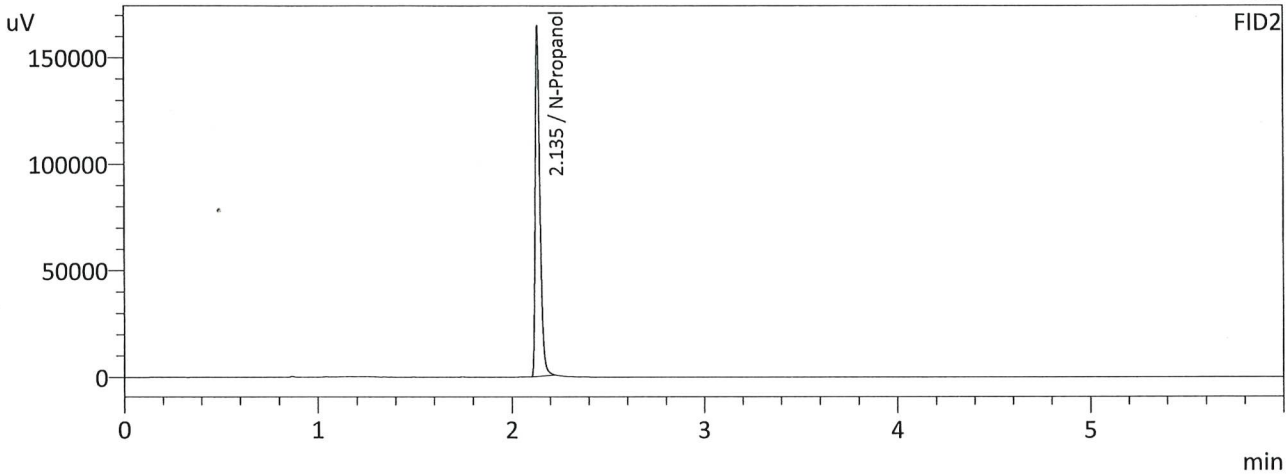
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	277743	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 4:44:14 PM
Vial # : 7
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

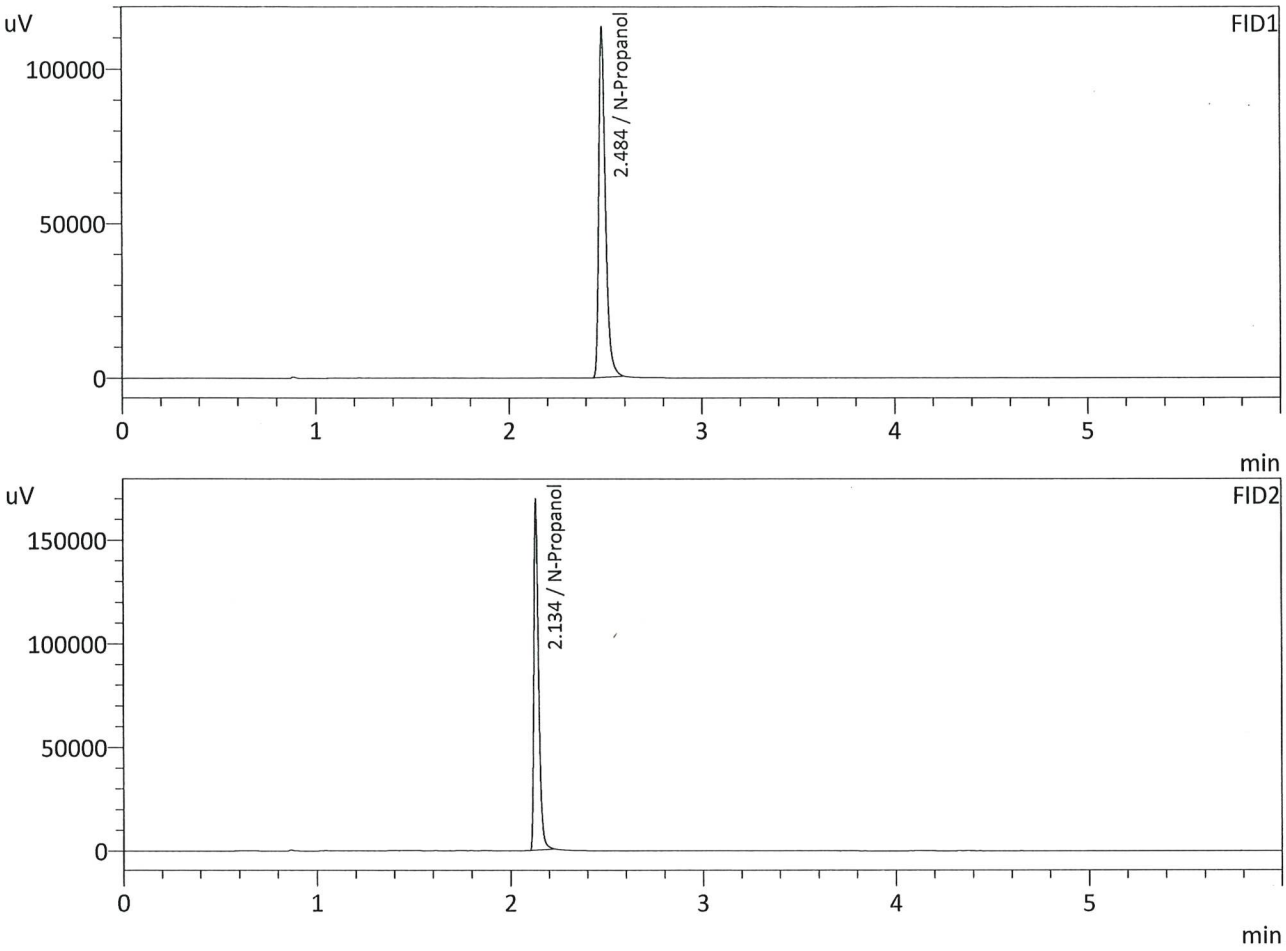
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	262765	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	281717	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 5:03:39 PM
Vial # : 9
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

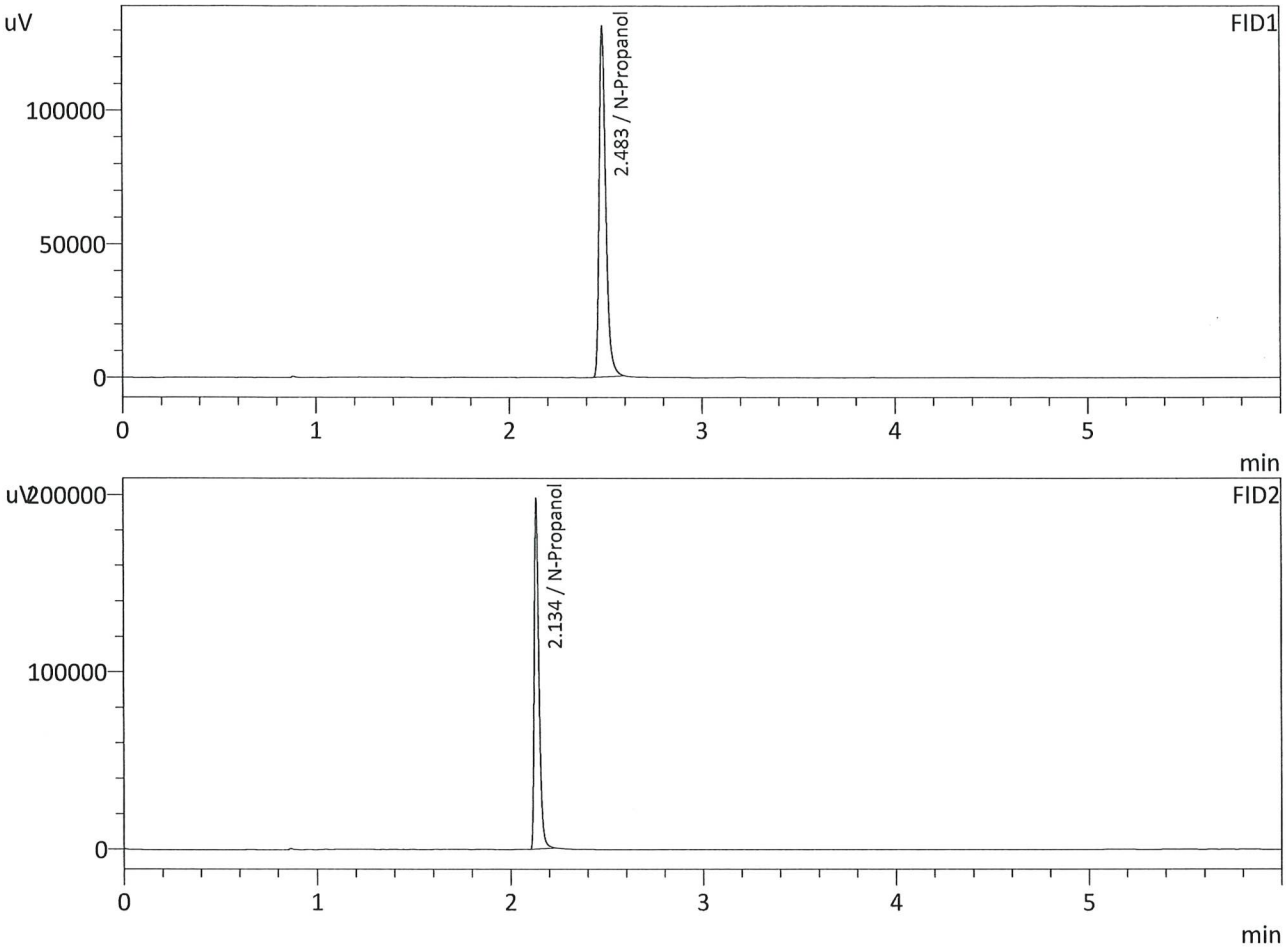
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	270298	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	289980	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 10:42:08 PM
Vial # : 44
Method Filename : Default Project - 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	313072	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	337043	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA **Analysis Date(s): 5/2/2023 5:31:45 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0831	0.0832	0.0001	0.0831	0.0010	0.0836
(g/100cc)	0.0841	0.0841	0.0000	0.0841		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

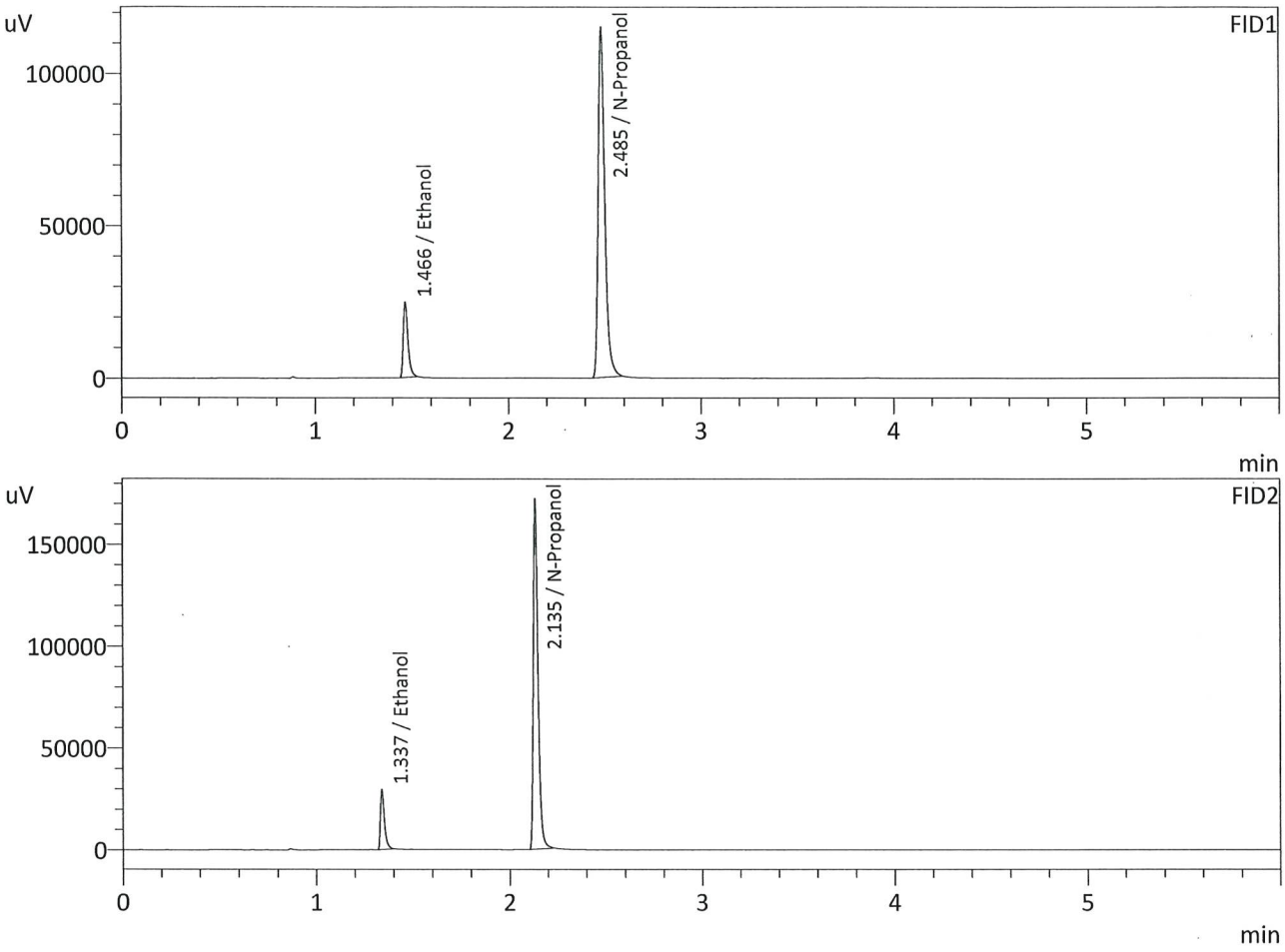
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

Reported Results
0.083

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 5:31:45 PM
Vial # : 12
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

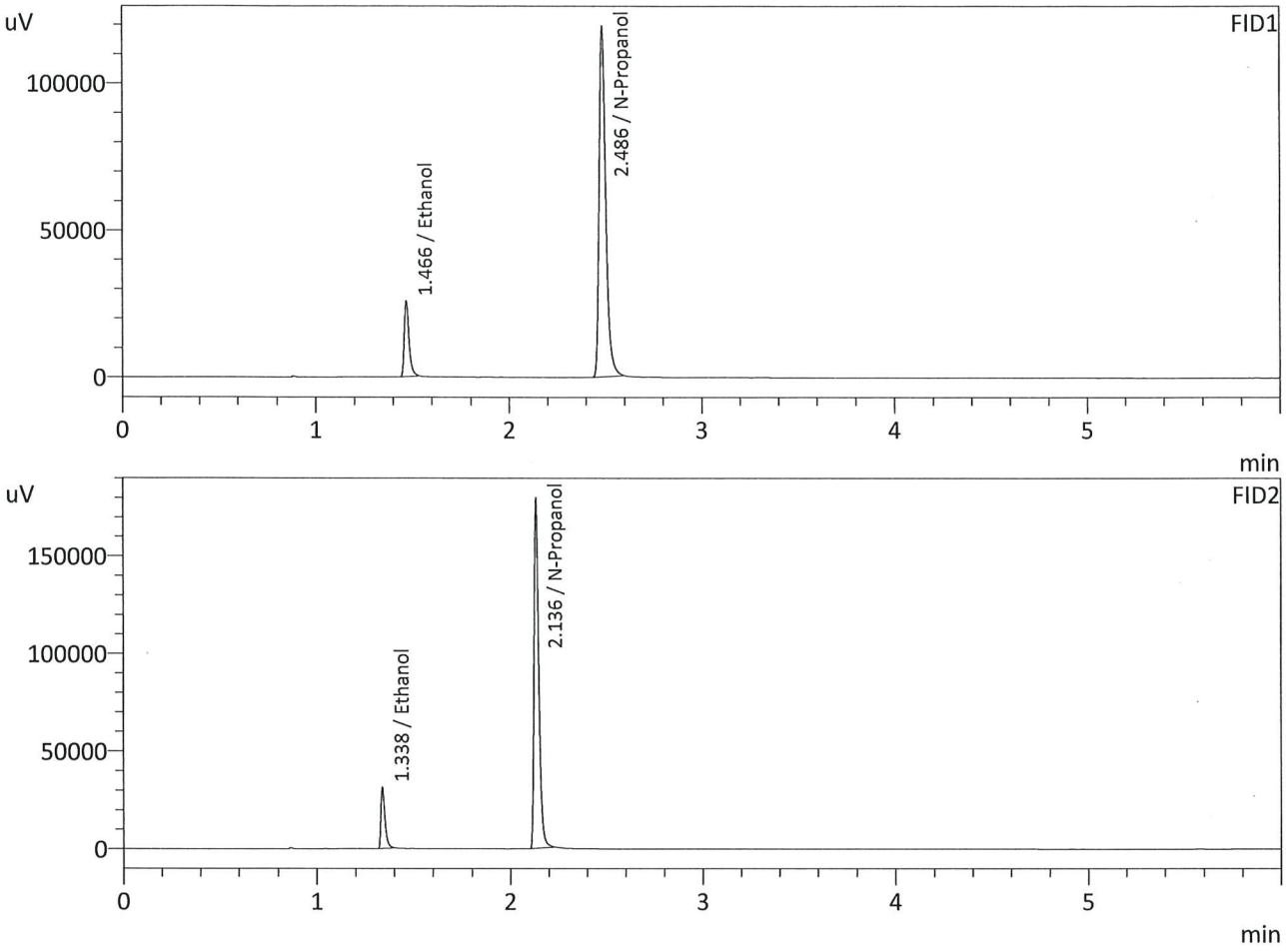
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0831	40790	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	274437	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0832	43066	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	294950	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 5:42:28 PM
Vial # : 13
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0841	42906	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	284747	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0841	45397	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	306989	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1 Analysis Date(s): 5/2/2023 5:12:19 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0832	0.0837	0.0005	0.0834	0.0001	0.0834
(g/100cc)	0.0834	0.0836	0.0002	0.0835		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

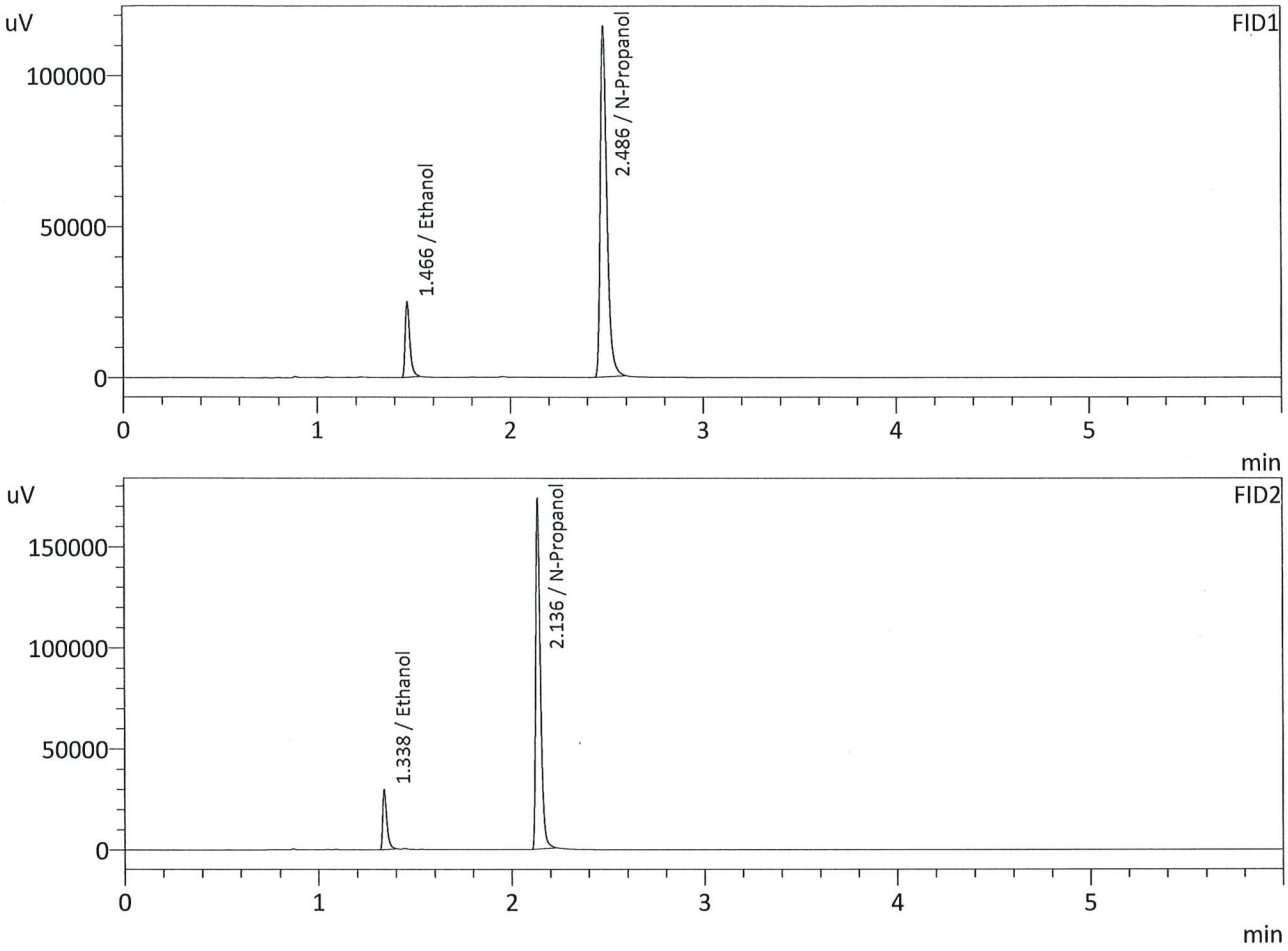
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

Reported Results
0.083

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 5:12:19 PM
Vial # : 10
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

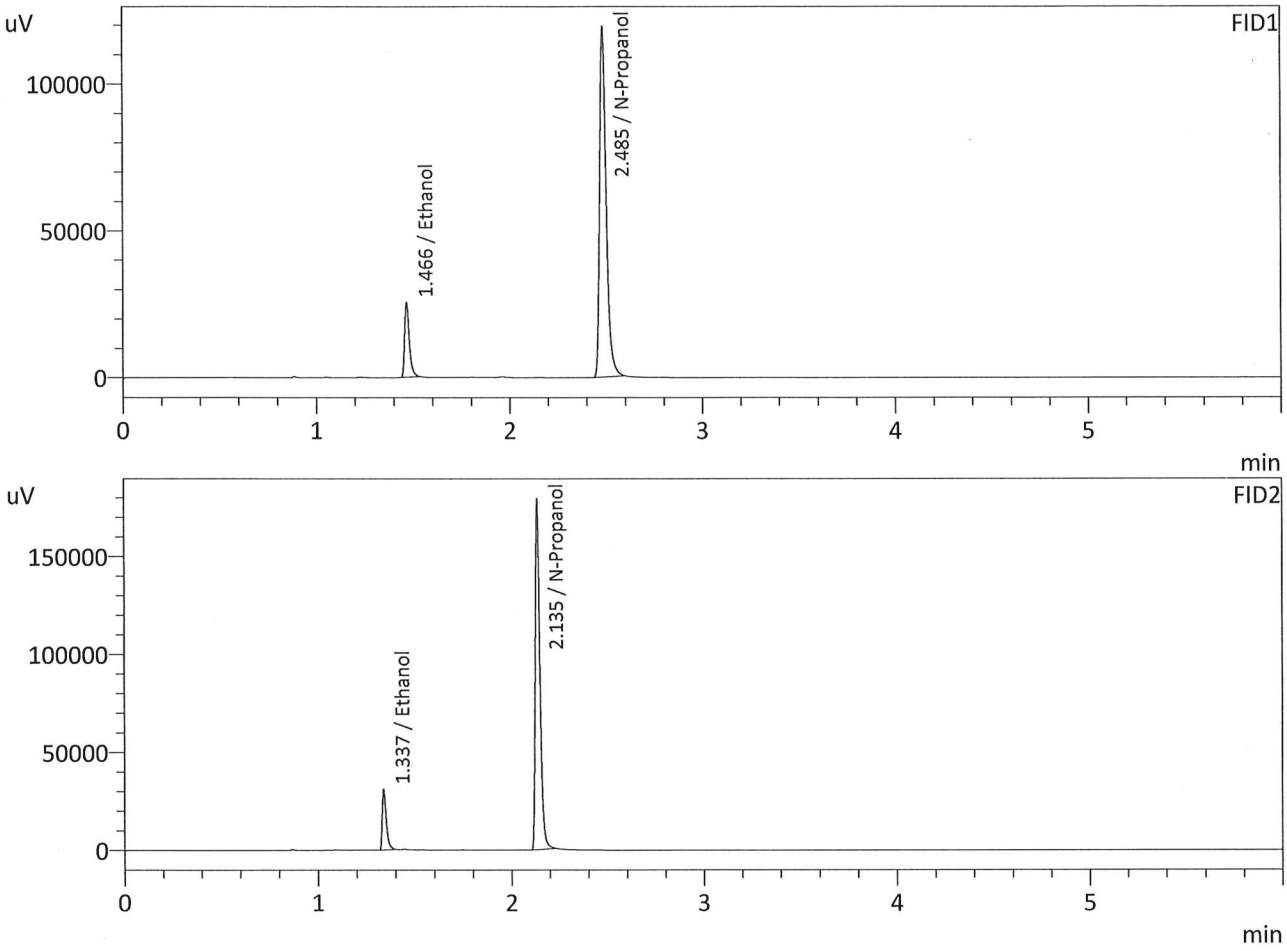
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0832	41210	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	276950	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0837	43778	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	297646	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 5:23:04 PM
Vial # : 11
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0834	42418	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	284297	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0836	44934	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	306083	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2 **Analysis Date(s): 5/2/2023 8:45:46 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0841	0.0838	0.0003	0.0839	0.0001	0.0839
(g/100cc)	0.0840	0.0840	0.0000	0.0840		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

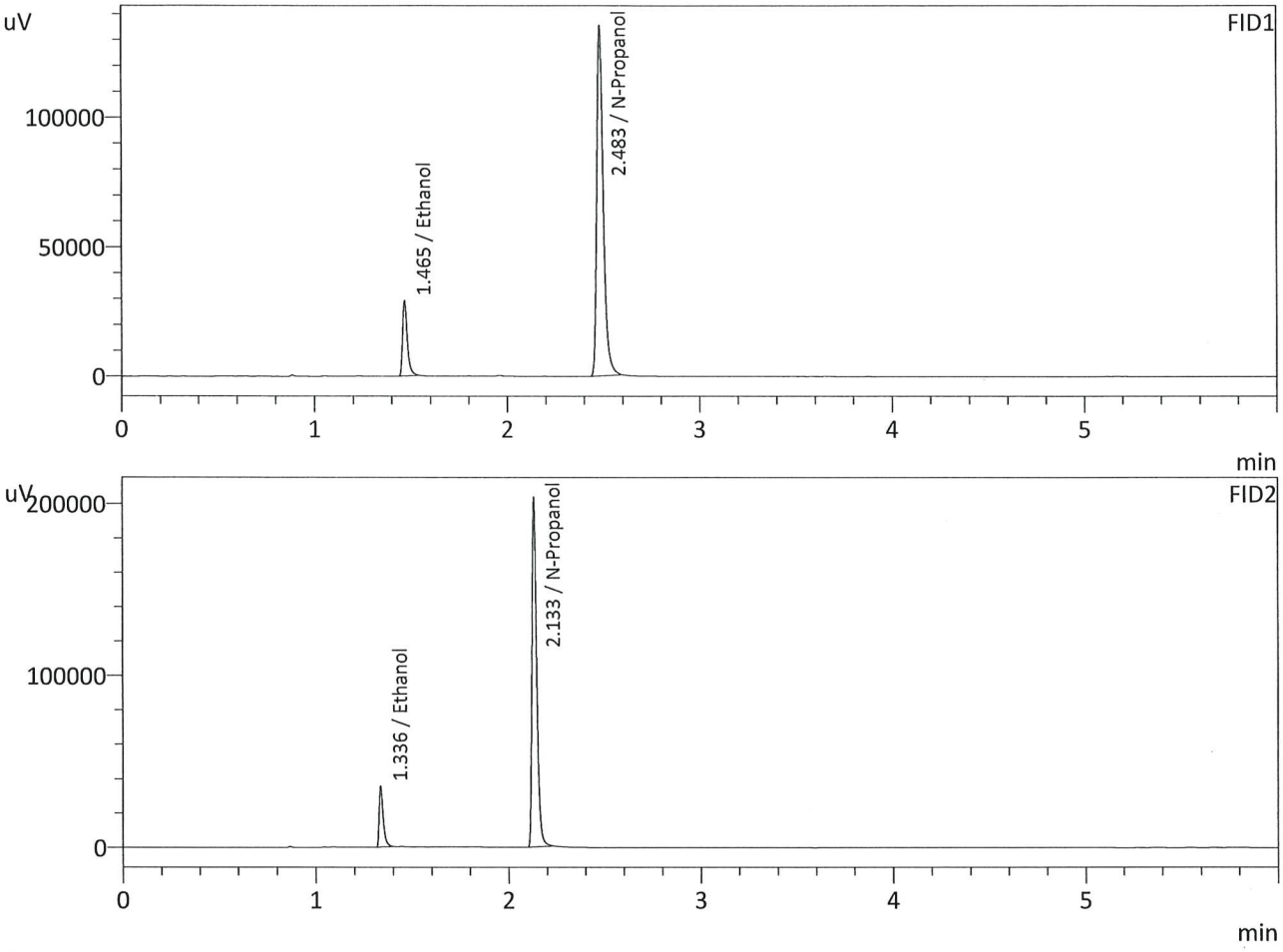
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

Reported Results
0.083

Calibration and control data are stored centrally.

99

Sample Name : QC-1-2
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 8:45:46 PM
Vial # : 32
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

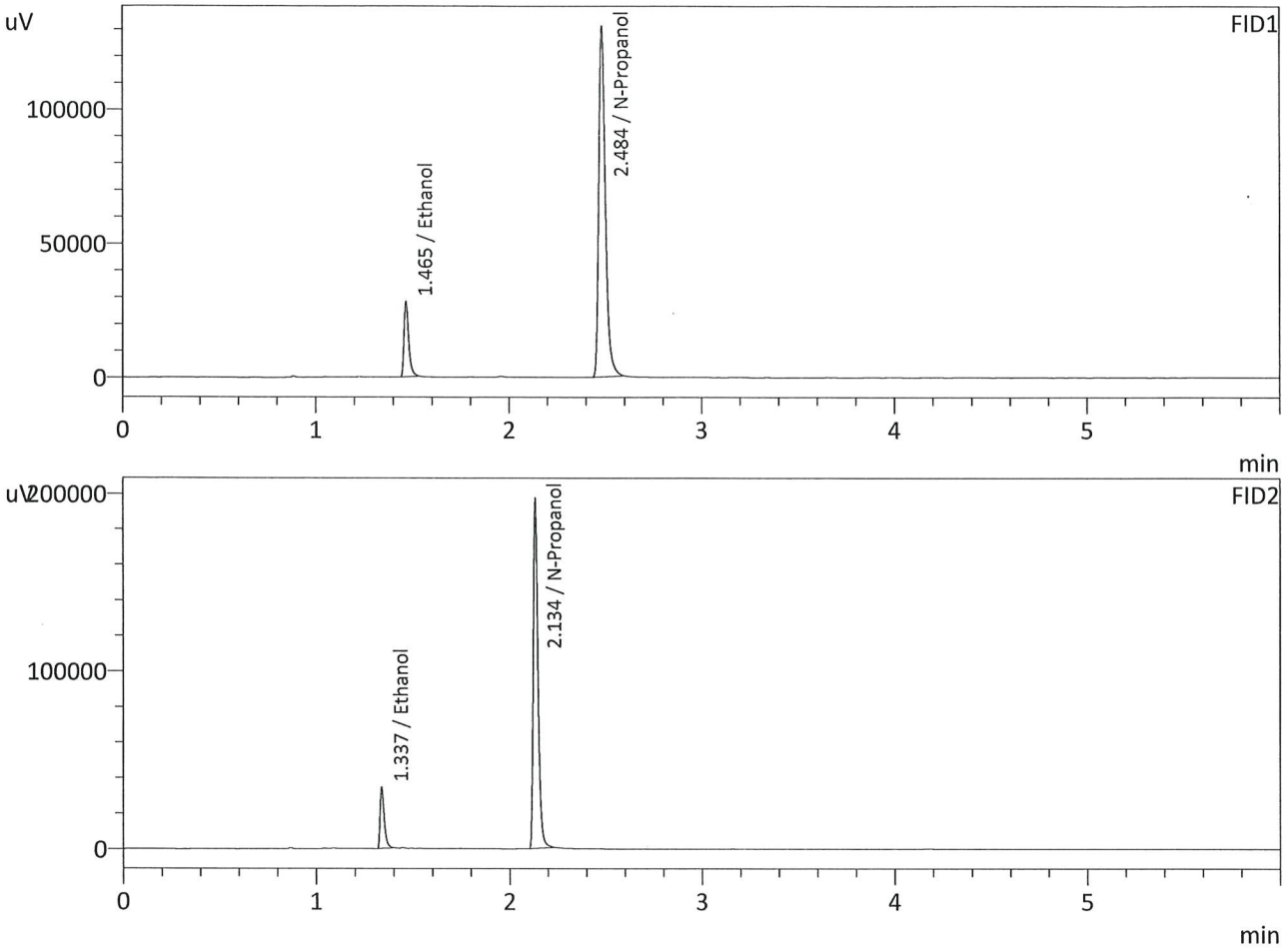
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0841	48461	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	321865	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0838	50979	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	346395	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 8:56:30 PM
Vial # : 33
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0840	47041	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	312768	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0840	49661	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	336475	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1 Analysis Date(s): 5/2/2023 10:22:52 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2084	0.2069	0.0015	0.2076	0.0023	0.2087
(g/100cc)	0.2105	0.2093	0.0012	0.2099		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

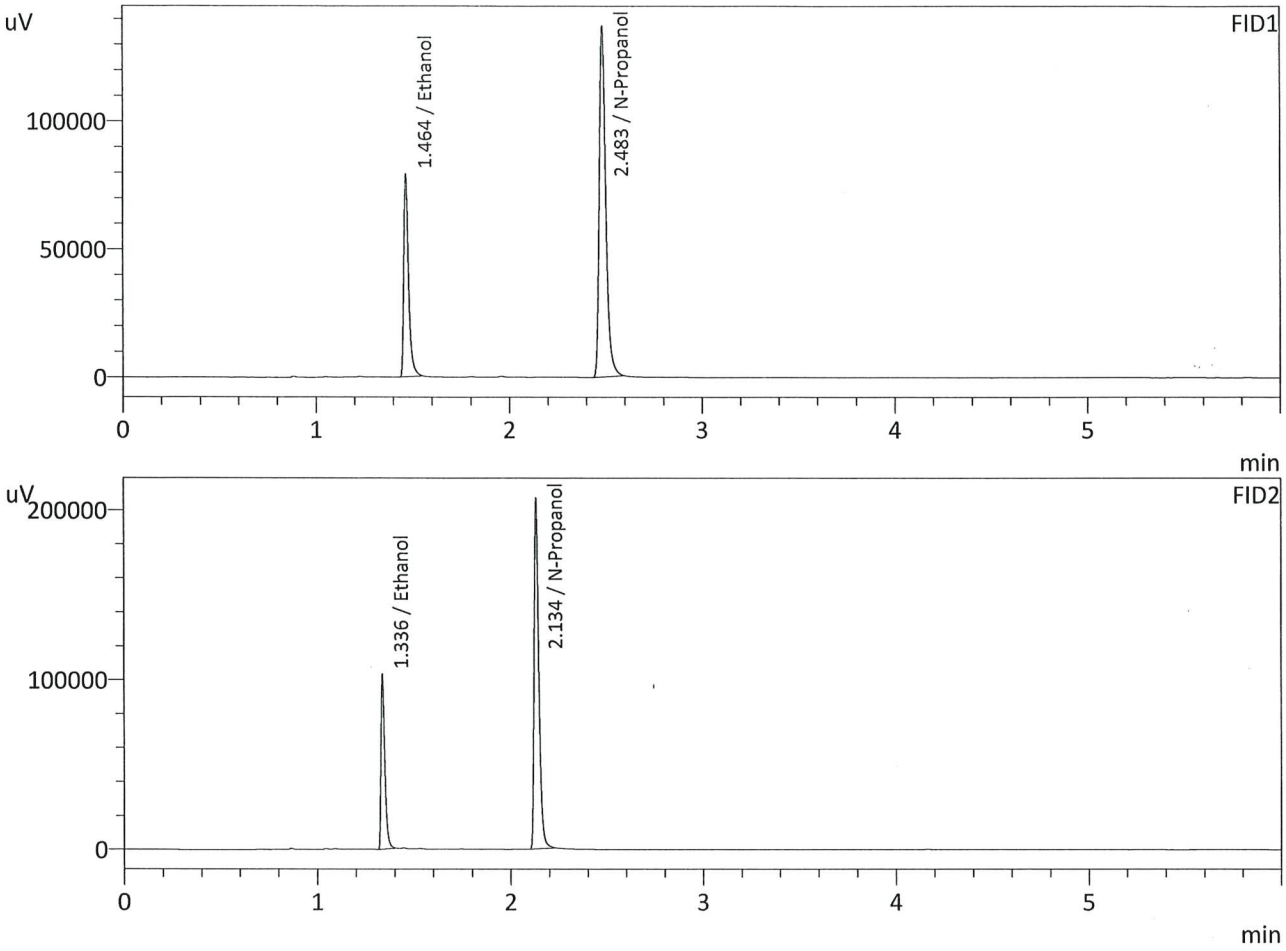
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.208	0.197	0.219	0.011

Reported Results
0.208

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 10:22:52 PM
Vial # : 42
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

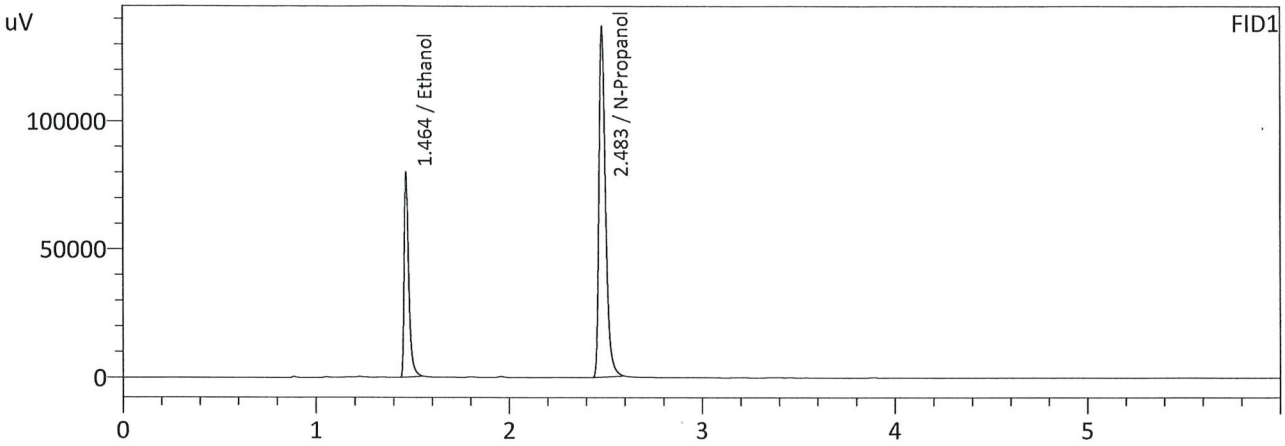
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2084	131660	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	326582	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

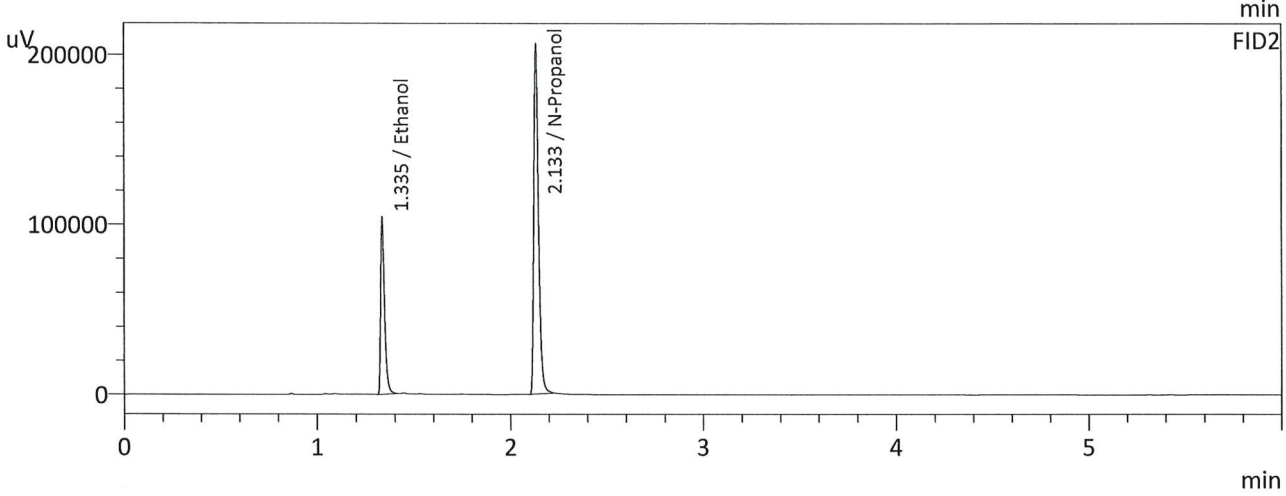
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2069	142660	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	351824	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 5/2/2023 10:33:37 PM
Vial # : 43
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2105	132962	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	326330	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2093	144077	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	351113	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc