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REVIEWED

By Melissa (Nikka) Bradley at 2:43 pm, Sep 13, 2024

NB

9/10/2024

Worklist: 6919

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2024-1673	1	BCK	Alcohol Analysis
C2024-1675	1	BCK	Alcohol Analysis
C2024-1695	1	BCK	Alcohol Analysis
C2024-1704	1	BCK	Alcohol Analysis
C2024-1713	1	BCK	Alcohol Analysis
C2024-1720	1	BCK	Alcohol Analysis
C2024-1730	1	BCK	Alcohol Analysis
C2024-1802	1	BCK	Alcohol Analysis
C2024-1805	1	BCK	Alcohol Analysis
C2024-1811	1	BCK	Alcohol Analysis
C2024-1815	1	BCK	Alcohol Analysis
C2024-1818	1	BCK	Alcohol Analysis
C2024-1825	1	BCK	Alcohol Analysis
C2024-1833	1	BCK	Alcohol Analysis
C2024-1842	1	BCK	Alcohol Analysis
C2024-1845	1	BCK	Alcohol Analysis

C2024-1641 re-run from worklist #6908

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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 FN06171903	1:Standard:(R)	1	ALCOHOL.gcm
3	0.100 FN11172002	1:Standard:(R)	2	ALCOHOL.gcm
4	0.200 FN03132302	1:Standard:(R)	3	ALCOHOL.gcm
5	0.400 FN03052102	1:Standard:(R)	4	ALCOHOL.gcm
6	0.500 FN06262004	1:Standard:(R)	5	ALCOHOL.gcm
7	INT STD BLK 2	0:Unknown	0	ALCOHOL.gcm
8	MIX LOT# FN05302307	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	.08 QA LOT# FN0623220	0:Unknown	0	ALCOHOL.gcm
13	8 QA - B LOT# FN062322	0:Unknown	0	ALCOHOL.gcm
14	C2024-1673-1	0:Unknown	0	ALCOHOL.gcm
15	C2024-1673-1-B	0:Unknown	0	ALCOHOL.gcm
16	C2024-1675-1	0:Unknown	0	ALCOHOL.gcm
17	C2024-1675-1-B	0:Unknown	0	ALCOHOL.gcm
18	C2024-1695-1	0:Unknown	0	ALCOHOL.gcm
19	C2024-1695-1-B	0:Unknown	0	ALCOHOL.gcm
20	C2024-1704-1	0:Unknown	0	ALCOHOL.gcm
21	C2024-1704-1-B	0:Unknown	0	ALCOHOL.gcm
22	C2024-1713-1	0:Unknown	0	ALCOHOL.gcm
23	C2024-1713-1-B	0:Unknown	0	ALCOHOL.gcm
24	C2024-1720-1	0:Unknown	0	ALCOHOL.gcm
25	C2024-1720-1-B	0:Unknown	0	ALCOHOL.gcm
26	C2024-1730-1	0:Unknown	0	ALCOHOL.gcm
27	C2024-1730-1-B	0:Unknown	0	ALCOHOL.gcm
28	C2024-1802-1	0:Unknown	0	ALCOHOL.gcm
29	C2024-1802-1-B	0:Unknown	0	ALCOHOL.gcm
30	C2024-1805-1	0:Unknown	0	ALCOHOL.gcm
31	C2024-1805-1-B	0:Unknown	0	ALCOHOL.gcm
32	QC-2-1	0:Unknown	0	ALCOHOL.gcm
33	QC-2-1-B	0:Unknown	0	ALCOHOL.gcm
34	C2024-1811-1	0:Unknown	0	ALCOHOL.gcm
35	C2024-1811-1-B	0:Unknown	0	ALCOHOL.gcm
36	C2024-1815-1	0:Unknown	0	ALCOHOL.gcm
37	C2024-1815-1-B	0:Unknown	0	ALCOHOL.gcm
38	C2024-1818-1	0:Unknown	0	ALCOHOL.gcm
39	C2024-1818-1-B	0:Unknown	0	ALCOHOL.gcm
40	C2024-1825-1	0:Unknown	0	ALCOHOL.gcm
41	C2024-1825-1-B	0:Unknown	0	ALCOHOL.gcm
42	C2024-1833-1	0:Unknown	0	ALCOHOL.gcm
43	C2024-1833-1-B	0:Unknown	0	ALCOHOL.gcm
44	C2024-1842-1	0:Unknown	0	ALCOHOL.gcm
45	C2024-1842-1-B	0:Unknown	0	ALCOHOL.gcm
46	C2024-1845-1	0:Unknown	0	ALCOHOL.gcm
47	C2024-1845-1-B	0:Unknown	0	ALCOHOL.gcm
48	C2024-1641-1	0:Unknown	0	ALCOHOL.gcm
49	C2024-1641-1-B	0:Unknown	0	ALCOHOL.gcm
50	QC-2-2	0:Unknown	0	ALCOHOL.gcm
51	QC-2-2-B	0:Unknown	0	ALCOHOL.gcm
52	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):** 9-11-2024

Calibration Date: *(if different)*

Worklist # 6919

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0804 g/100cc
					g/100cc
					g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827 – 0.2233	0.1965 g/100cc
					0.1992 g/100cc
					g/100cc

Multi-Component mixture:	**Exp:**	May 31, 2028	**Lot #**	FN05302307		OK
Curve Fit:			**Column 1**	0.99964	**Column2**	0.99958

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0527	0.0531	0.0004	0.0529
100	0.100	0.090 - 0.110	0.1003	0.1004	0.0001	0.1003
200	0.200	0.180 - 0.220	0.1966	0.1962	0.0004	0.1964
300	0.300	0.270 - 0.330			0.0000	#DIV/0!
400	0.400	0.360 - 0.440	0.3958	0.3957	0.0001	0.3957
500	0.500	0.450 - 0.550	0.5042	0.5045	0.0003	0.5043

Aqueous Controls

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

Internal Standard Monitoring Worksheet

Worklist #:	6919	Run Date(s):	9-11-2024

Internal Standard Solution: Lot# A014463901	Prep Date:	9/10/2024	Exp Date:	3/10/2025

Sample Name	Column 1 Value	Column 2 Value
0.080	265689	268960
0.080	267766	271247
QC1	265568	269362
QC1	264862	269173
QC1		
QC1		
QC1		
QC1		
QC2	300409	302900
QC2	295947	298476
QC2	333584	337159
QC2	330634	334400
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	290557.4	232445.9	348668.9
Column 2	293959.6	235167.7	352751.6

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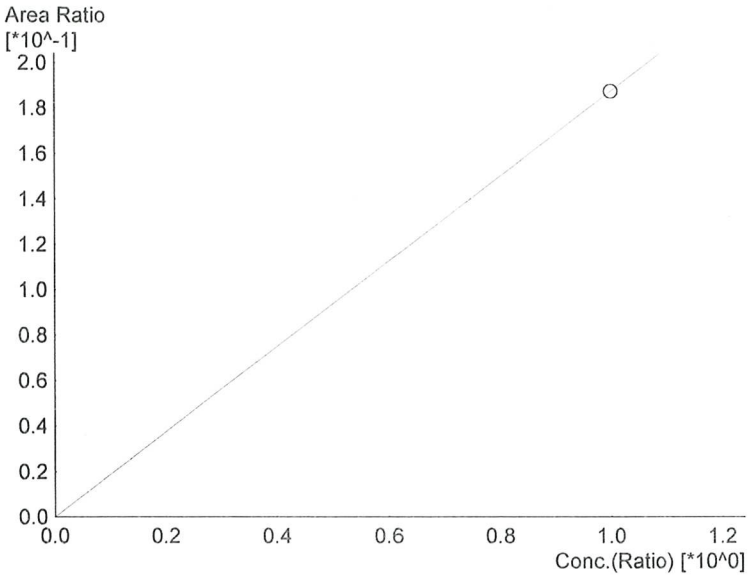
Calibration Table

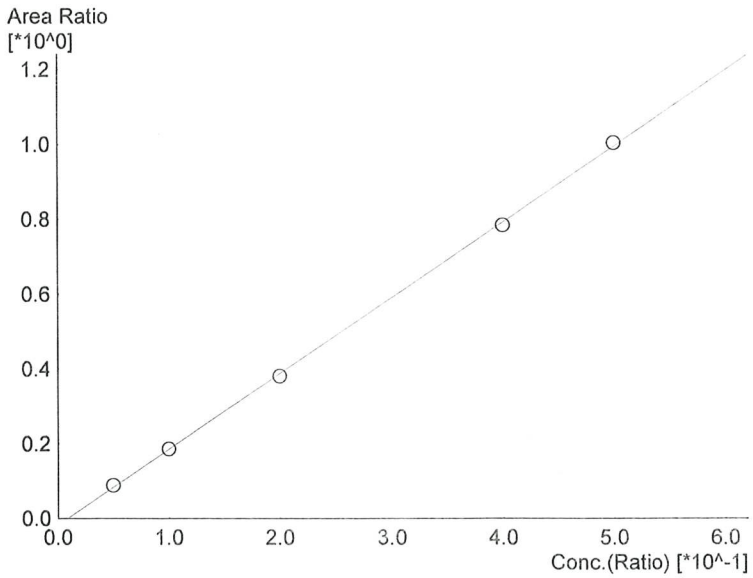
Laboratory : Coeur d' Alene
Instrument Name : BML8F33-Instrument1
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :Default Project - ALCOHOL.gcm
Batch File :Default Project - 9-11-24.gcb
Date Acquired :9/11/2024 3:01:10 PM
Date Created :9/11/2024 2:58:33 PM
Date Modified :9/11/2024 3:07:12 PM



Name : Methanol
Detector Name: FID1
Function : f(x)=0.187330*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	47458	1.0000



Name : Ethanol
Detector Name: FID1
Function : f(x)=2.02804*x-0.0179372
R^2 value= 0.9996402
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	22511	0.0527
2	0.100	47124	0.1003
3	0.200	97259	0.1966
4	0.400	202524	0.3958
5	0.500	258169	0.5042

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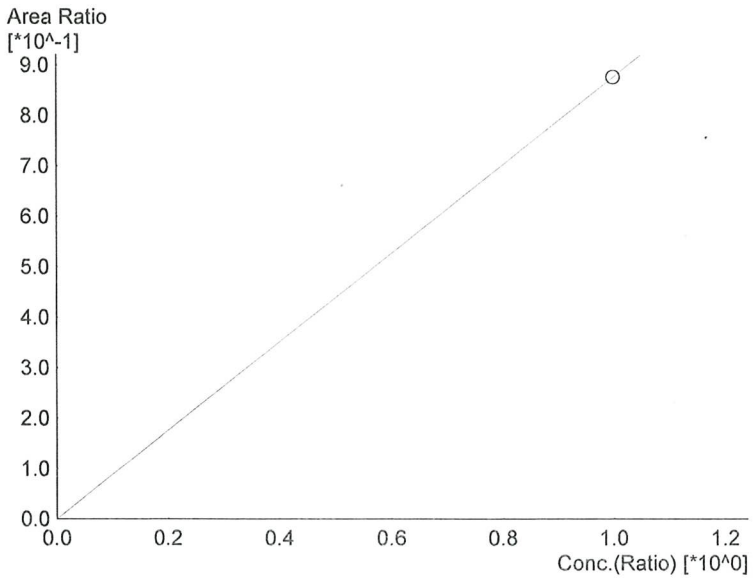
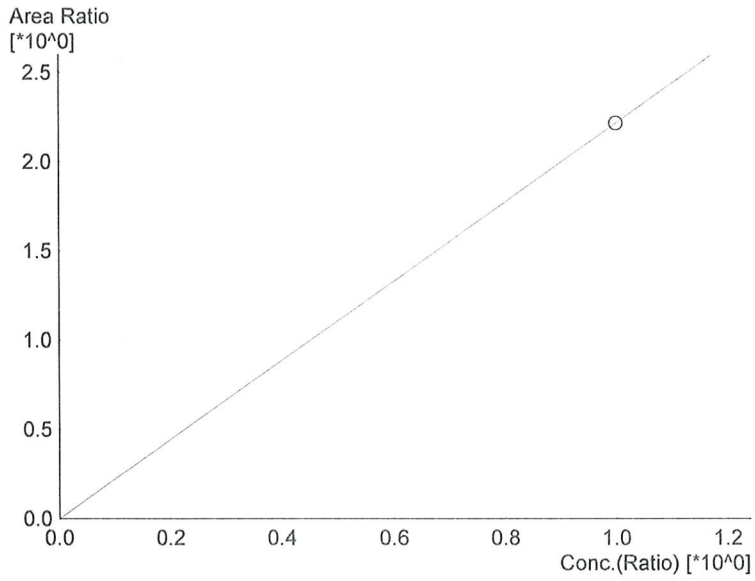


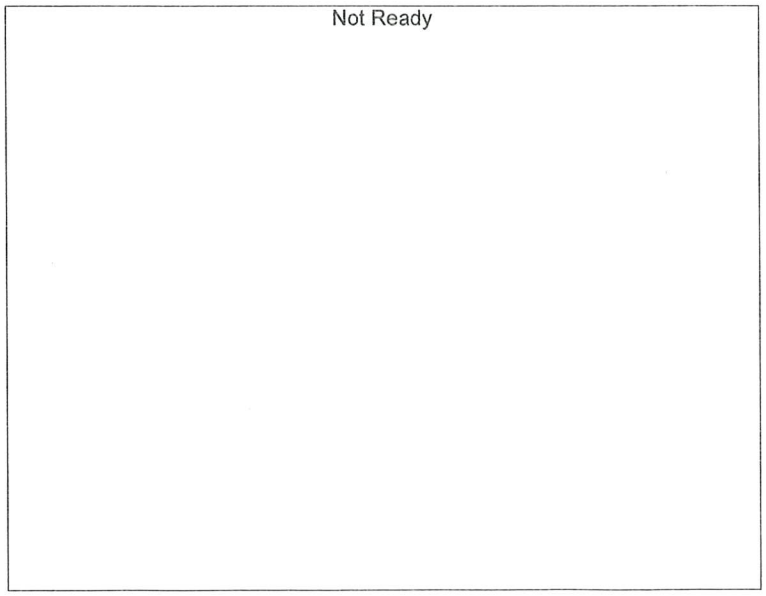
Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.876545*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	222064	1.0000



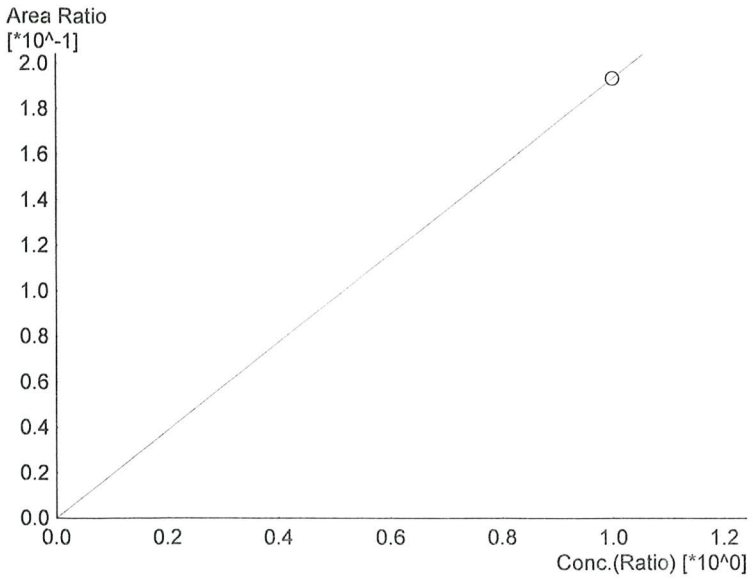
Name : Acetone
Detector Name: FID1
Function : f(x)=2.21715*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	561695	1.0000



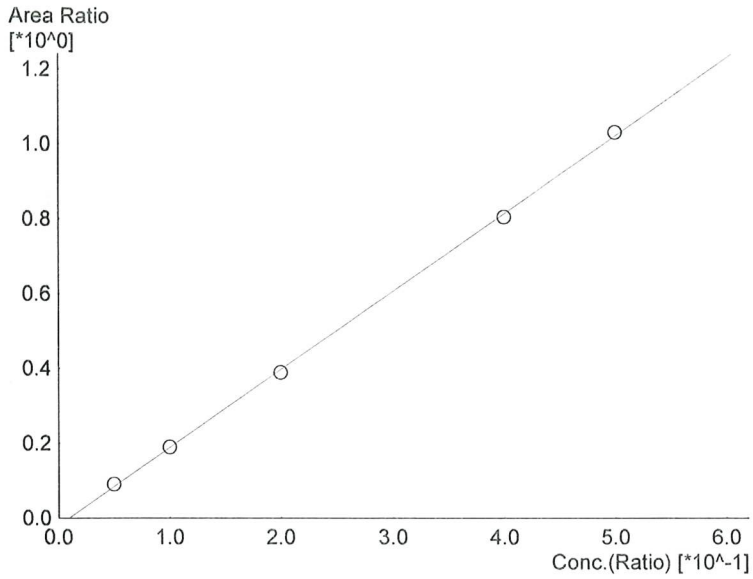
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



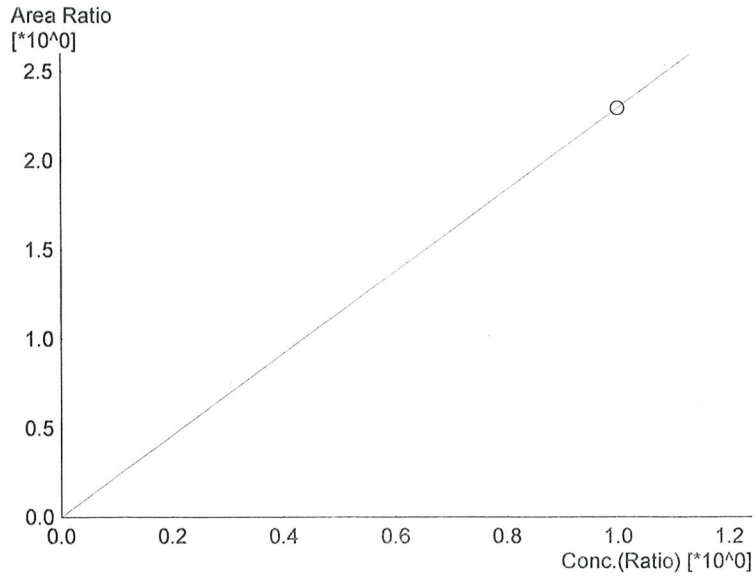
Name : Methanol
Detector Name: FID2
Function : f(x)=0.193290*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	49316	1.0000



Name : Ethanol
Detector Name: FID2
Function : f(x)=2.08216*x-0.0199734
R^2 value= 0.9995808
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	23172	0.0531
2	0.100	48572	0.1004
3	0.200	100505	0.1962
4	0.400	210643	0.3957
5	0.500	268225	0.5045



Name : Acetone
Detector Name: FID2
Function : f(x)=2.29728*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	586130	1.0000

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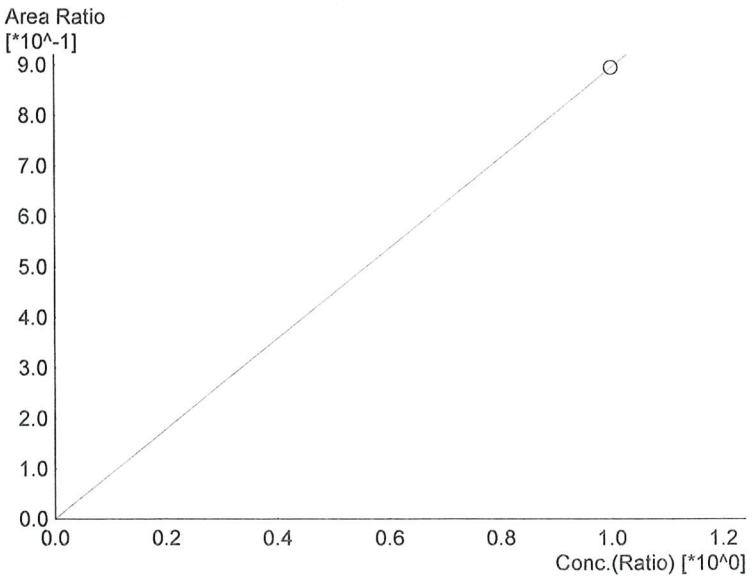
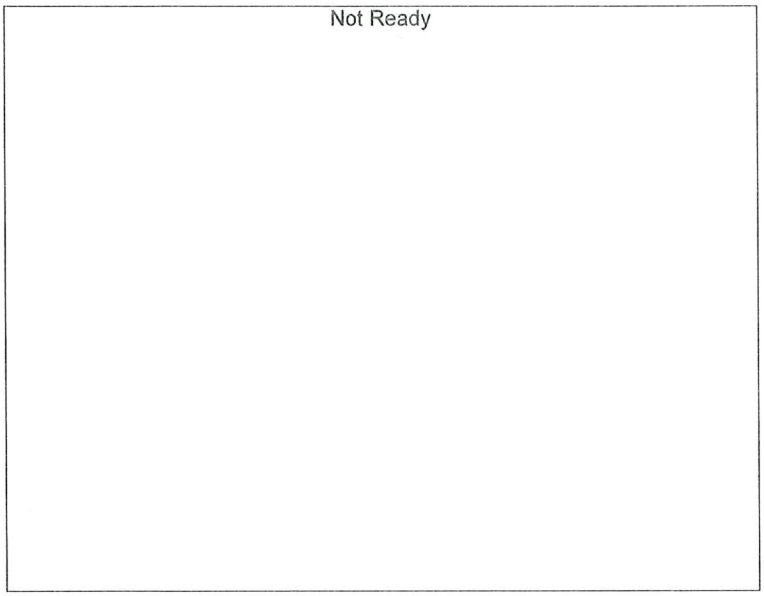


Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.894115*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	228126	1.0000



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

#	Conc.	Area	Std. Conc.

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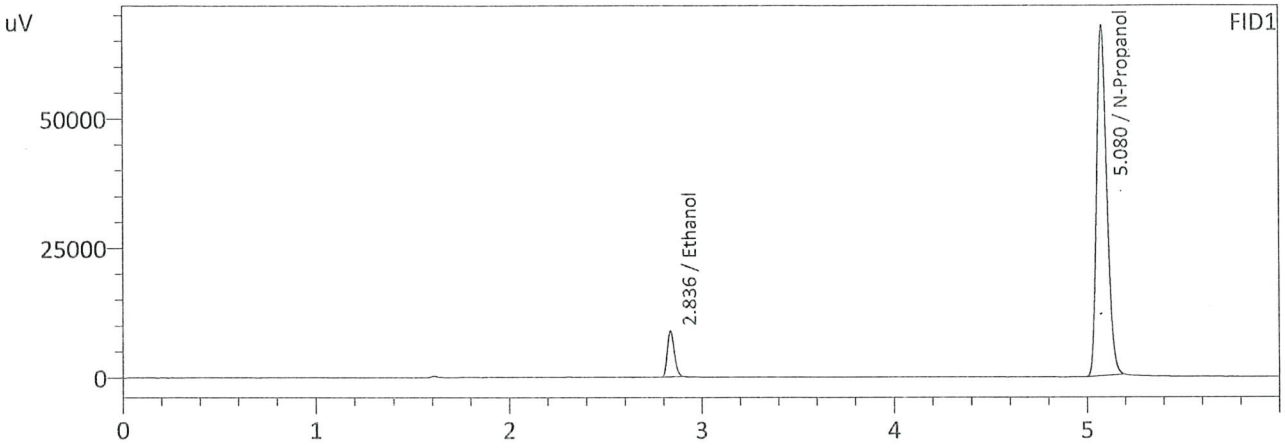
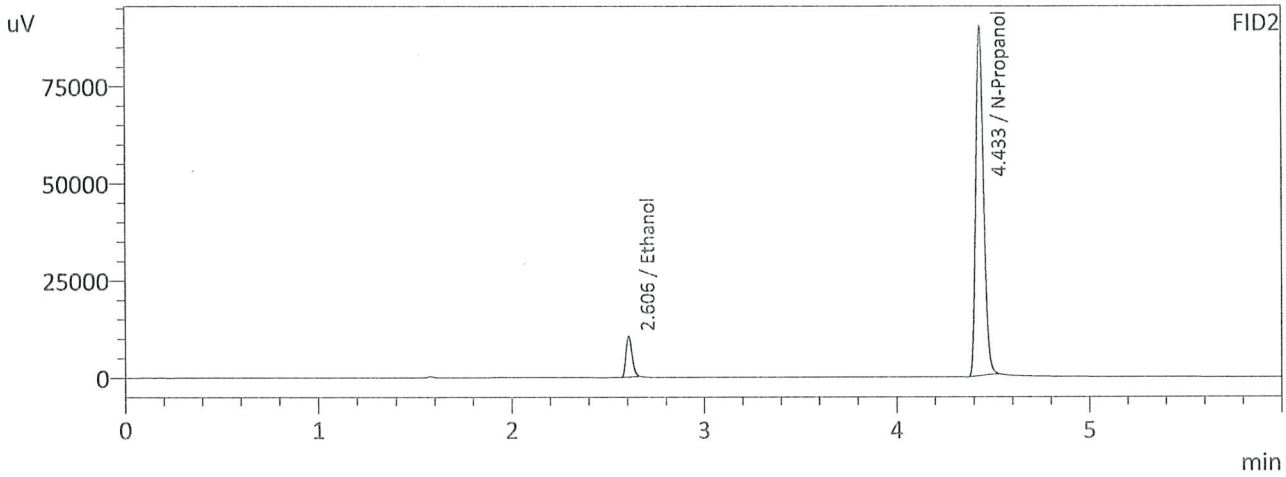
Sample Name : 0.050 FN06171903
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 2:22:21 PM
Vial # : 2
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0527	22511	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	252562	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0531	23172	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	255728	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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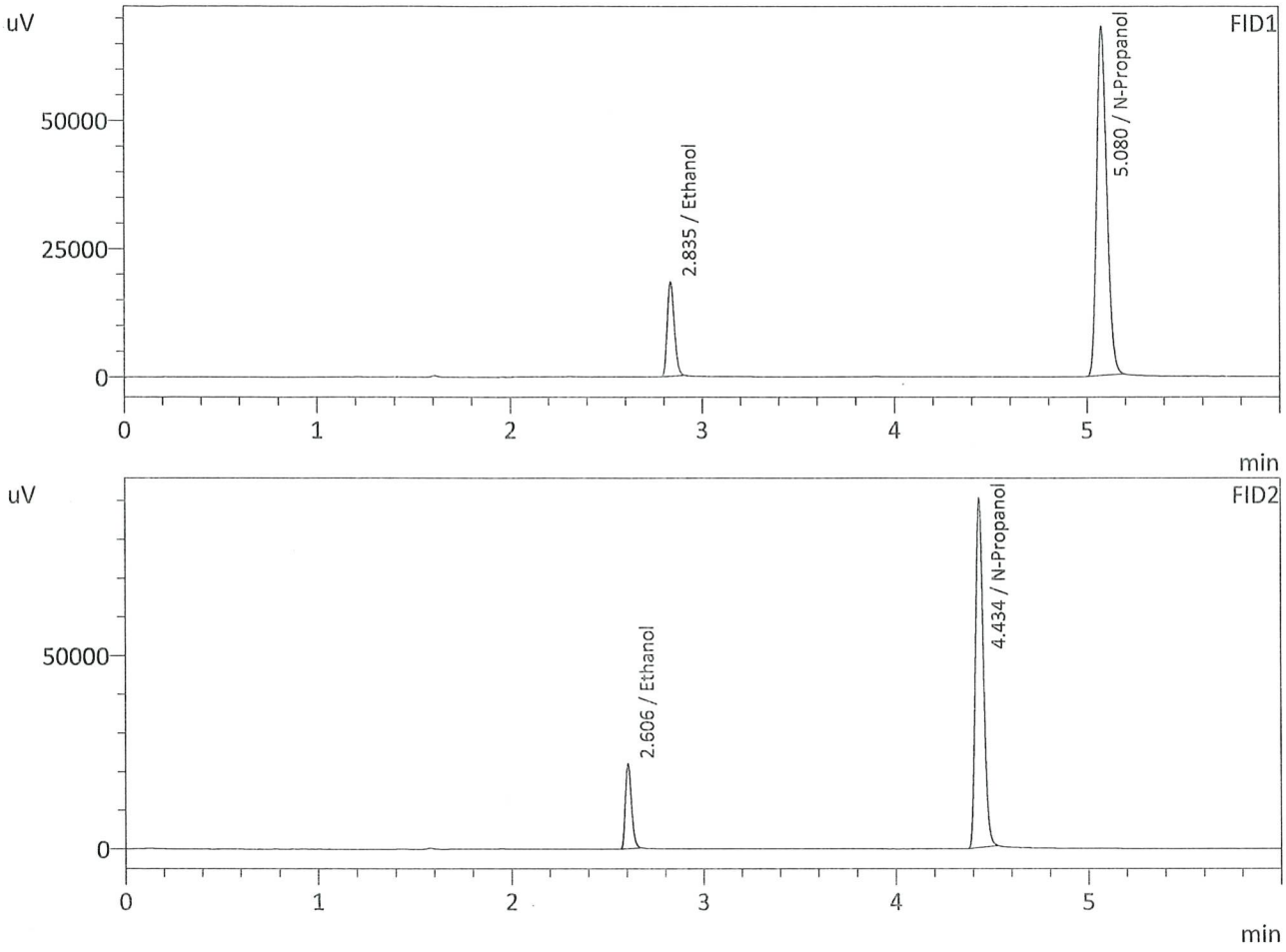
Sample Name : 0.100 FN11172002
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 2:33:05 PM
Vial # : 3
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1003	47124	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	253896	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1004	48572	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	256880	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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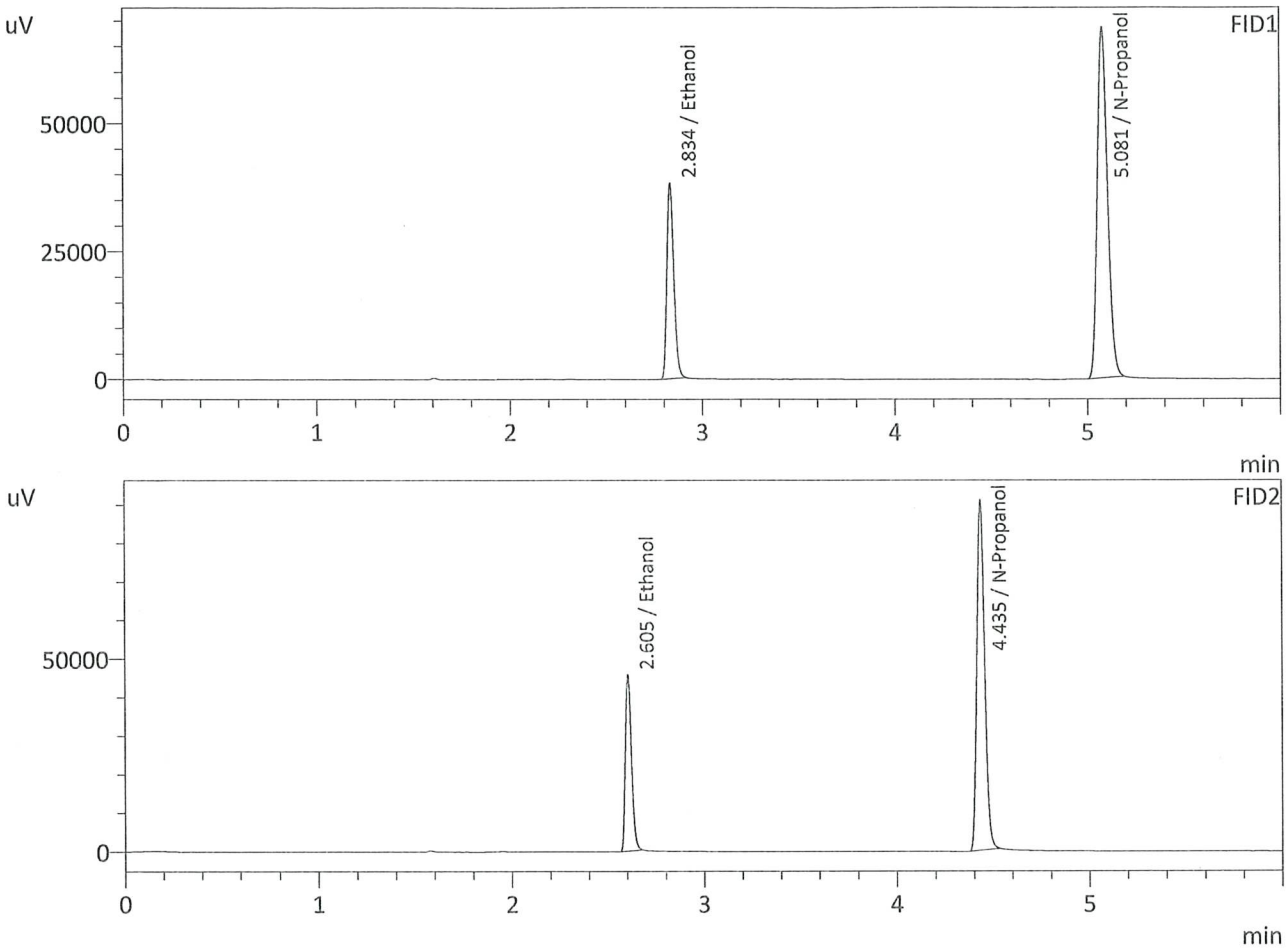
Sample Name : 0.200 FN03132302
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 2:41:44 PM
Vial # : 4
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1966	97259	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	255291	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1962	100505	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	258648	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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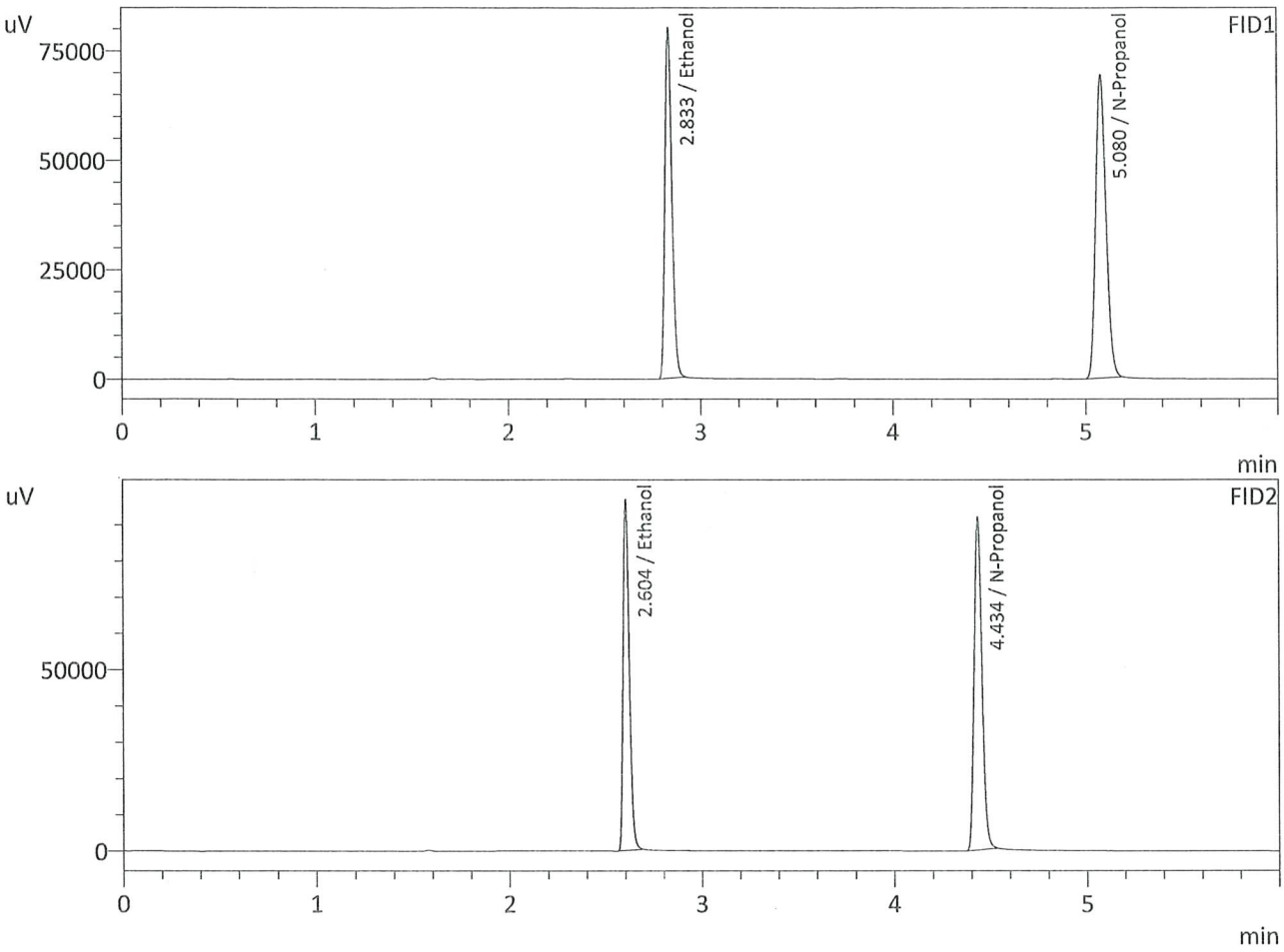
Sample Name : 0.400 FN03052102
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 2:52:29 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3958	202524	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	258017	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3957	210643	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	261991	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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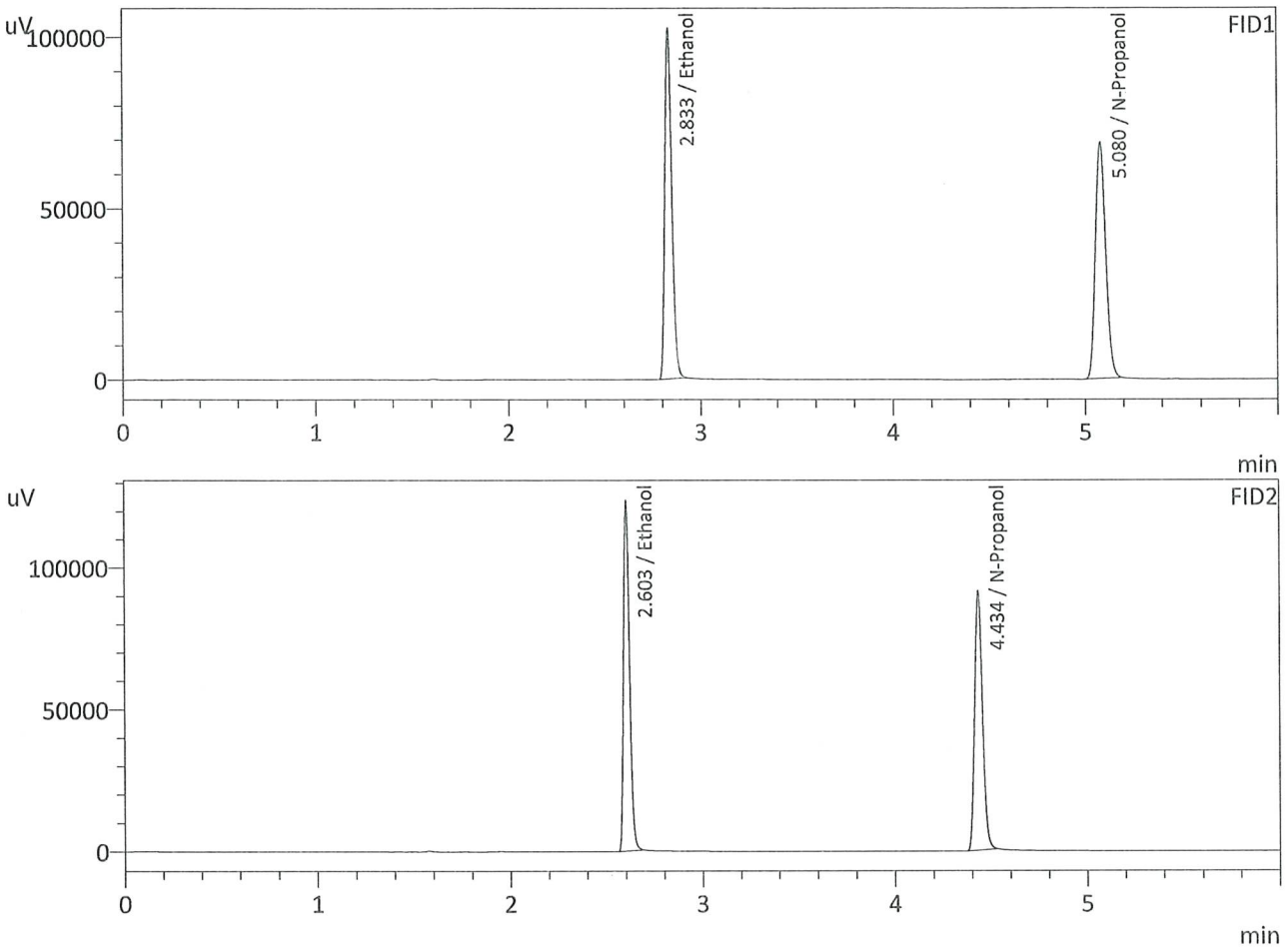
Sample Name : 0.500 FN06262004
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 3:01:10 PM
Vial # : 6
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5042	258169	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	256953	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5045	268225	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	260275	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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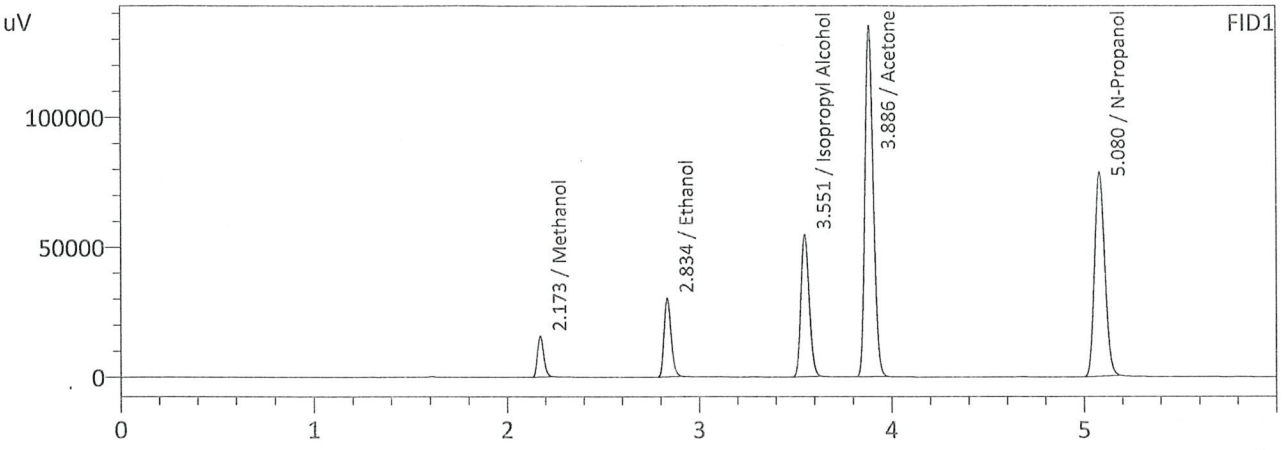
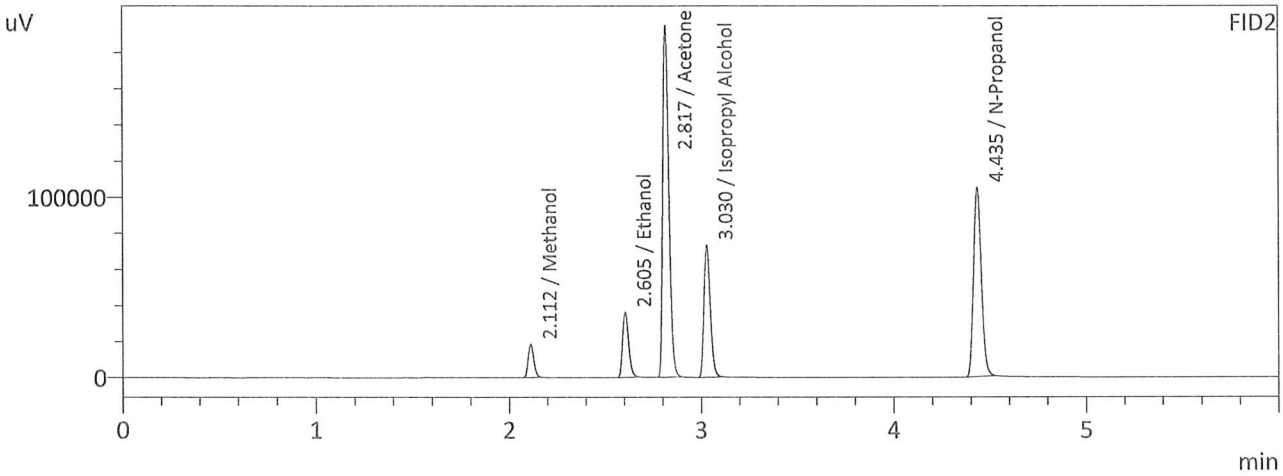
Sample Name : MIX LOT# FN05302307
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 3:20:35 PM
Vial # : 8
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	1.0000	36012	g/100cc
Ethanol	0.1385	77029	g/100cc
Isopropyl Alcohol	1.0000	163907	g/100cc
Acetone	1.0000	410692	g/100cc
N-Propanol	0.0000	292944	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	37849	g/100cc
Ethanol	0.1376	79451	g/100cc
Acetone	1.0000	429681	g/100cc
Isopropyl Alcohol	1.0000	169079	g/100cc
N-Propanol	0.0000	298005	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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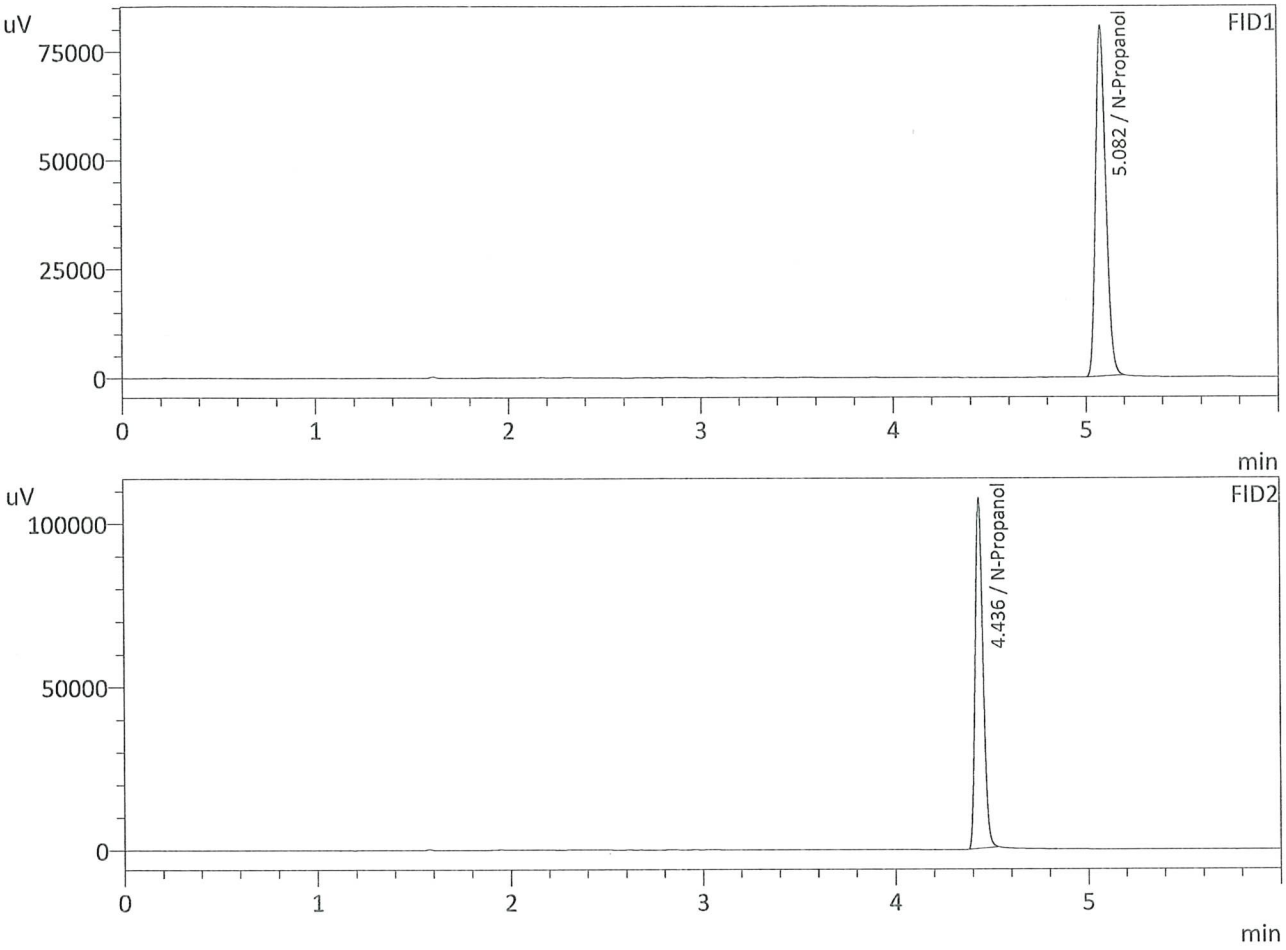
Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 2:13:40 PM
Vial # : 1
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

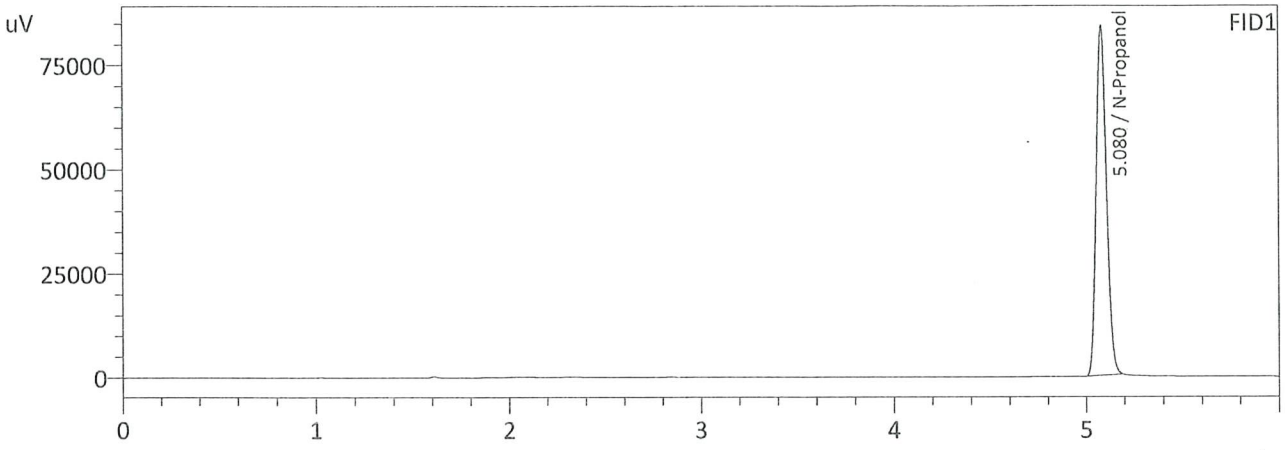
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	300304	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

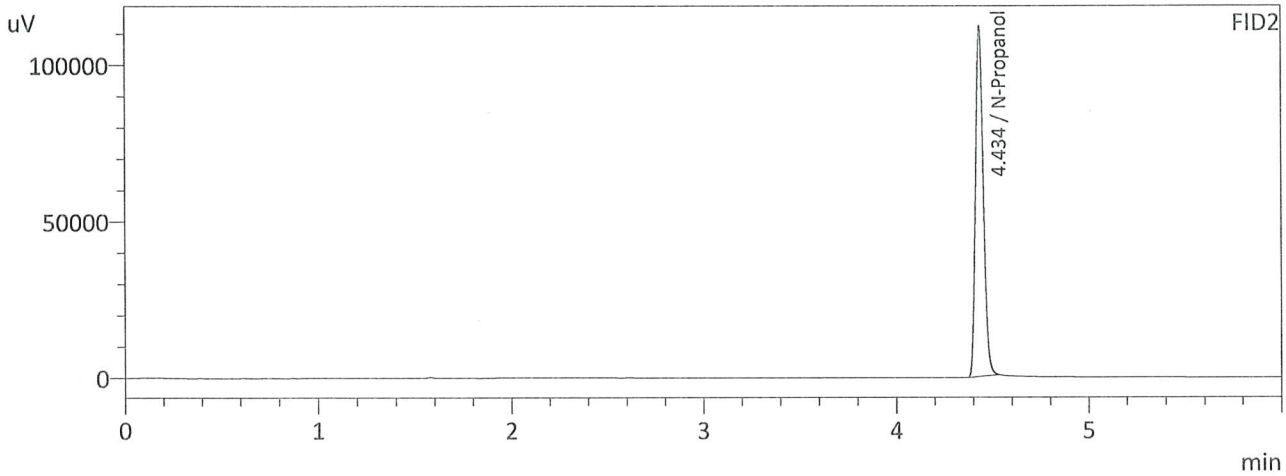
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	305126	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 3:11:54 PM
Vial # : 7
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

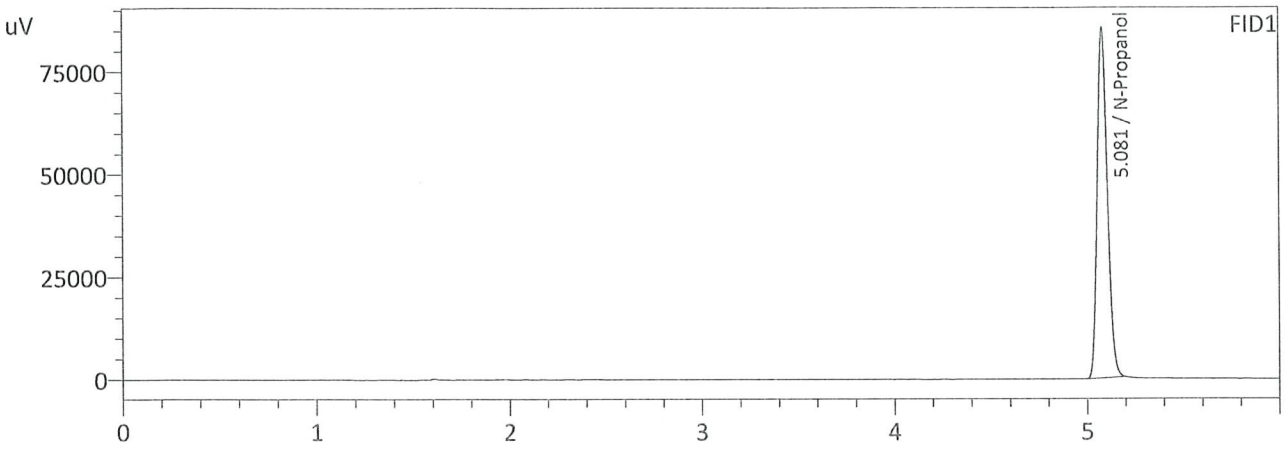
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	312796	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

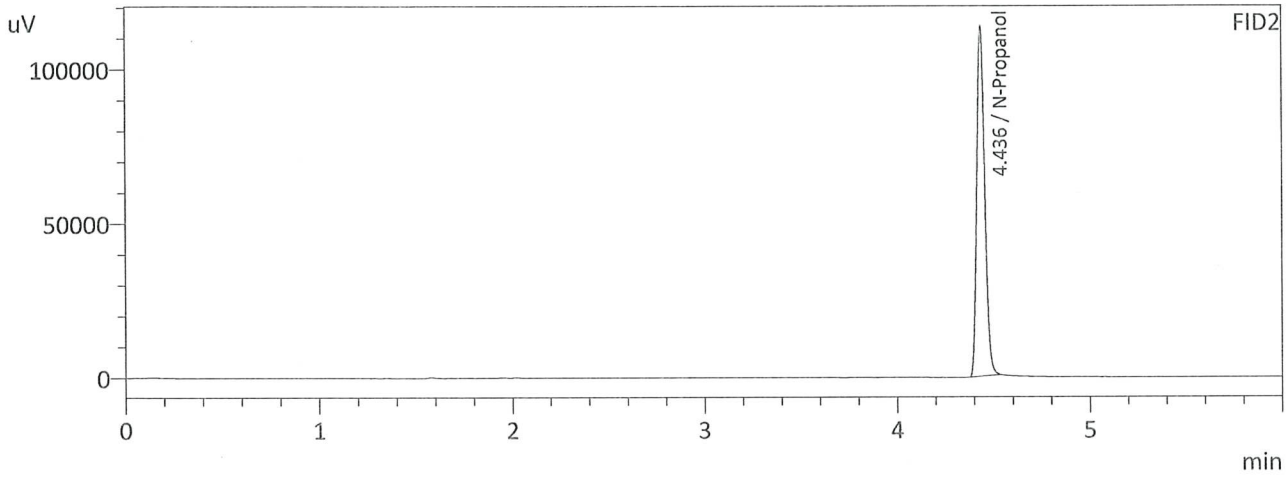
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	318516	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 3:31:18 PM
Vial # : 9
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

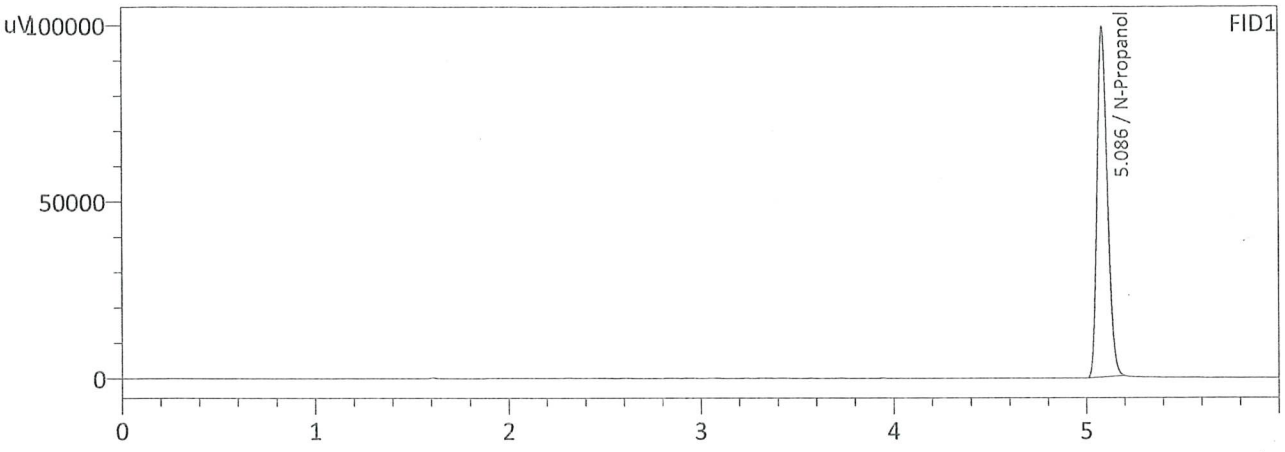
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	318020	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

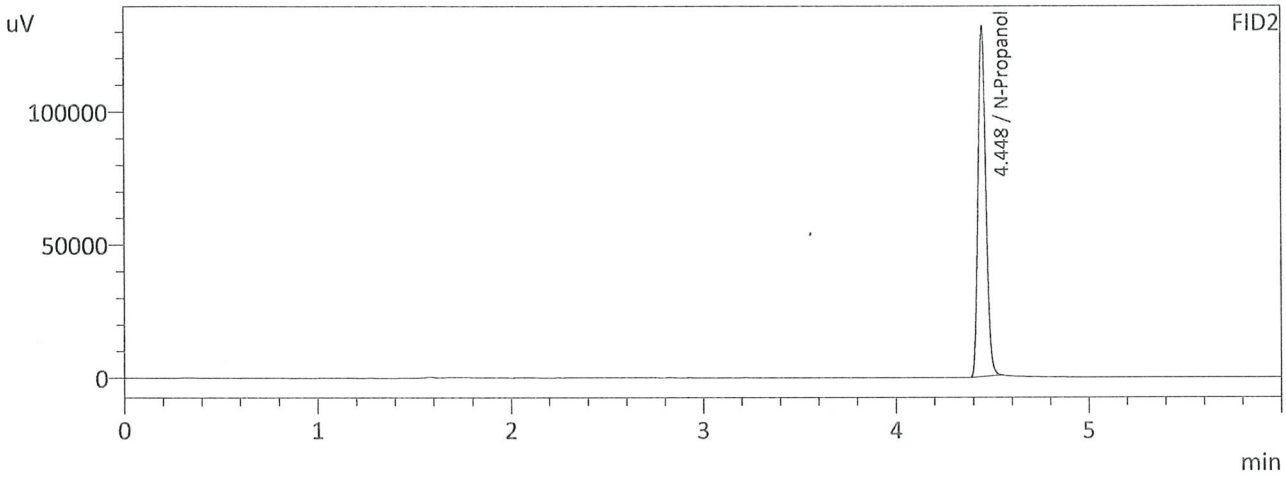
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	323433	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 10:27:24 PM
Vial # : 52
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	368659	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	373476	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA LOT# FN06232204 alysis Date(s): 9/11/2024 3:59:21 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0827	0.0833	0.0006	0.0830	0.0012	0.0836
(g/100cc)	0.0843	0.0841	0.0002	0.0842		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

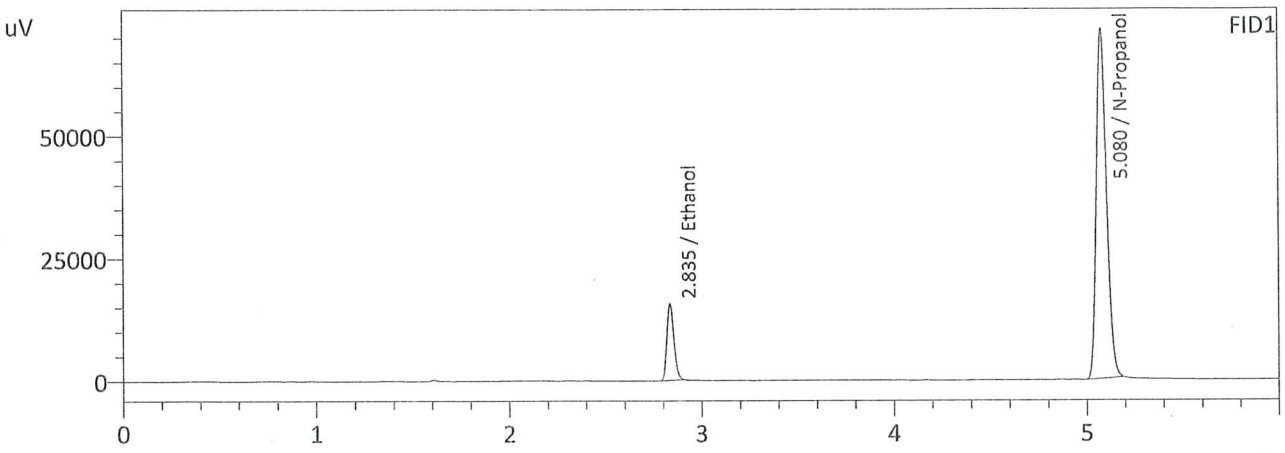
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

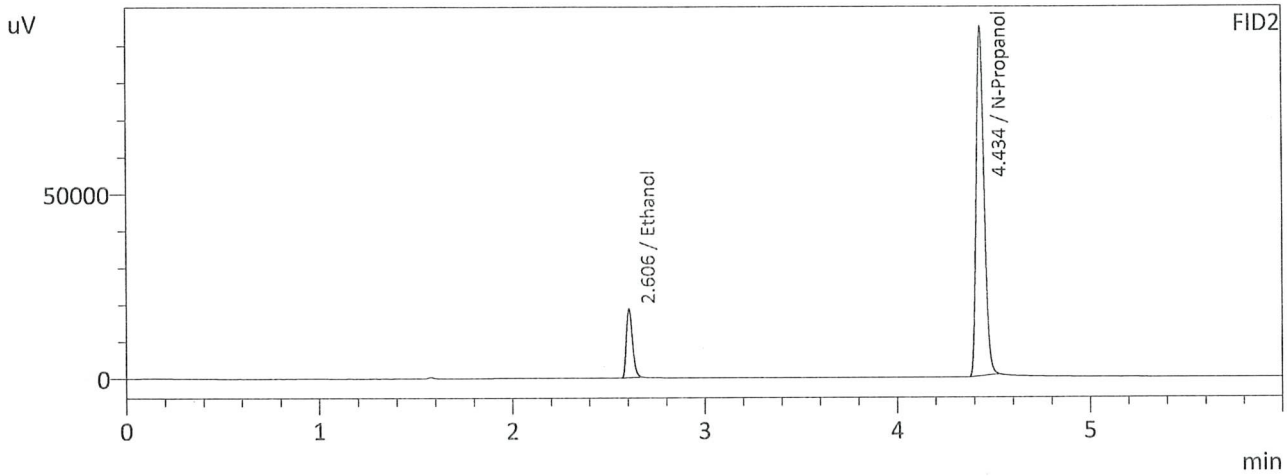
Reported Results
0.083

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA LOT# FN06232204
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 3:59:21 PM
Vial # : 12
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

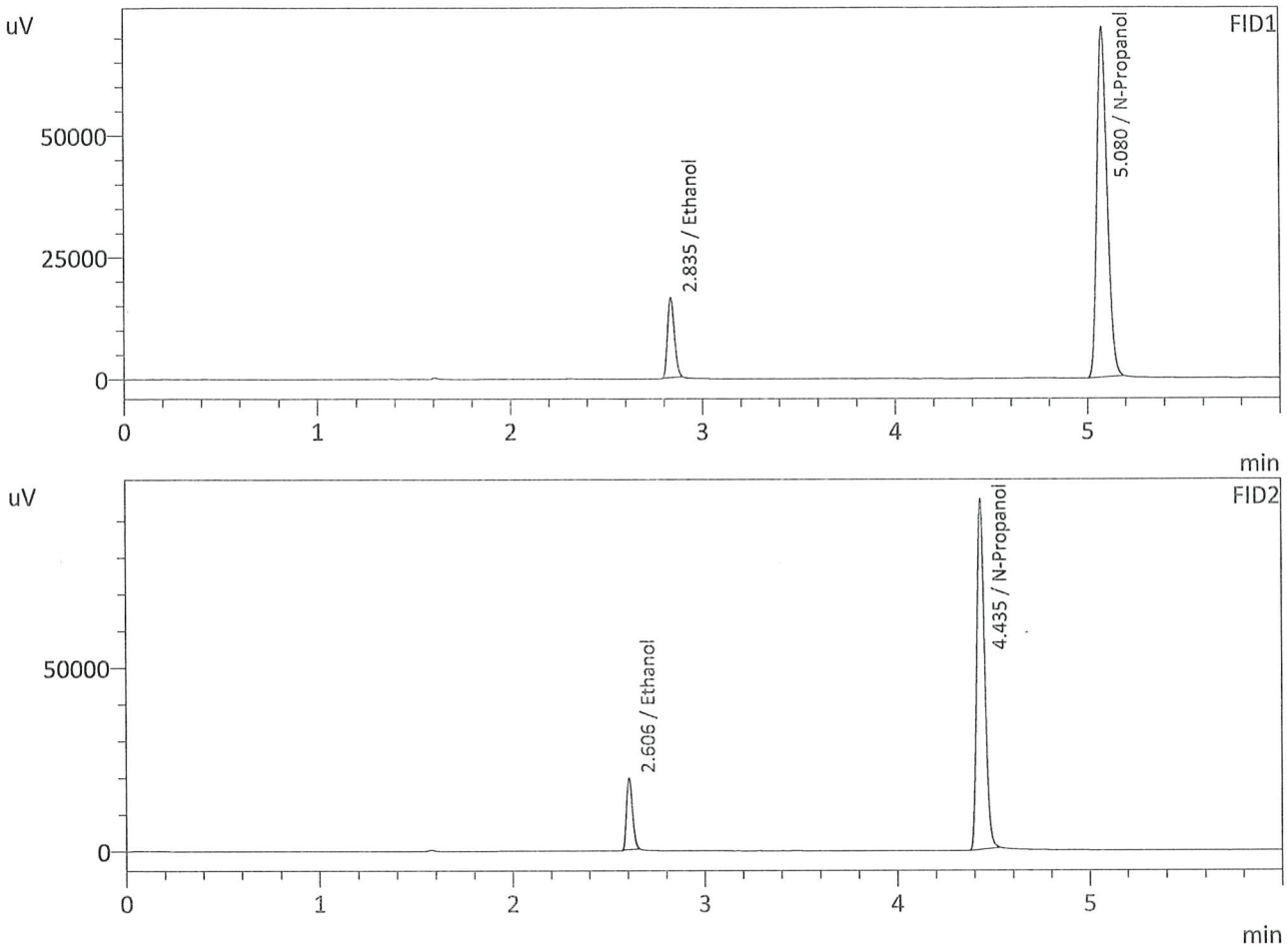
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0827	39803	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	265689	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0833	41280	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	268960	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B LOT# FN06232204
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 4:10:06 PM
Vial # : 13
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0843	40991	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	267766	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0841	42082	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	271247	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1 Analysis Date(s): 9/11/2024 3:39:58 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0801	0.0800	0.0001	0.0800	0.0009	0.0804
(g/100cc)	0.0808	0.0810	0.0002	0.0809		

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%

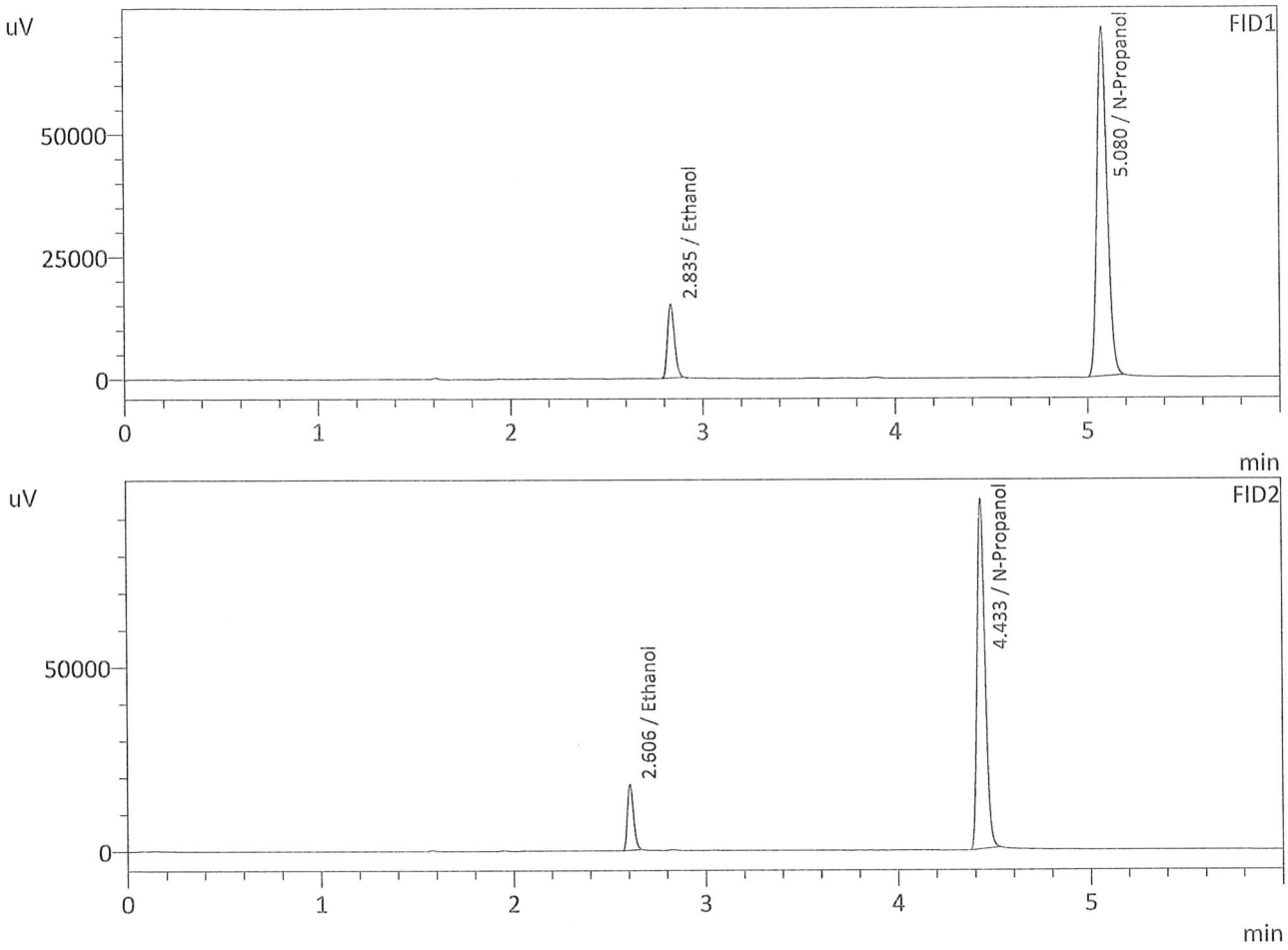
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

Reported Results
0.080

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 3:39:58 PM
Vial # : 10
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

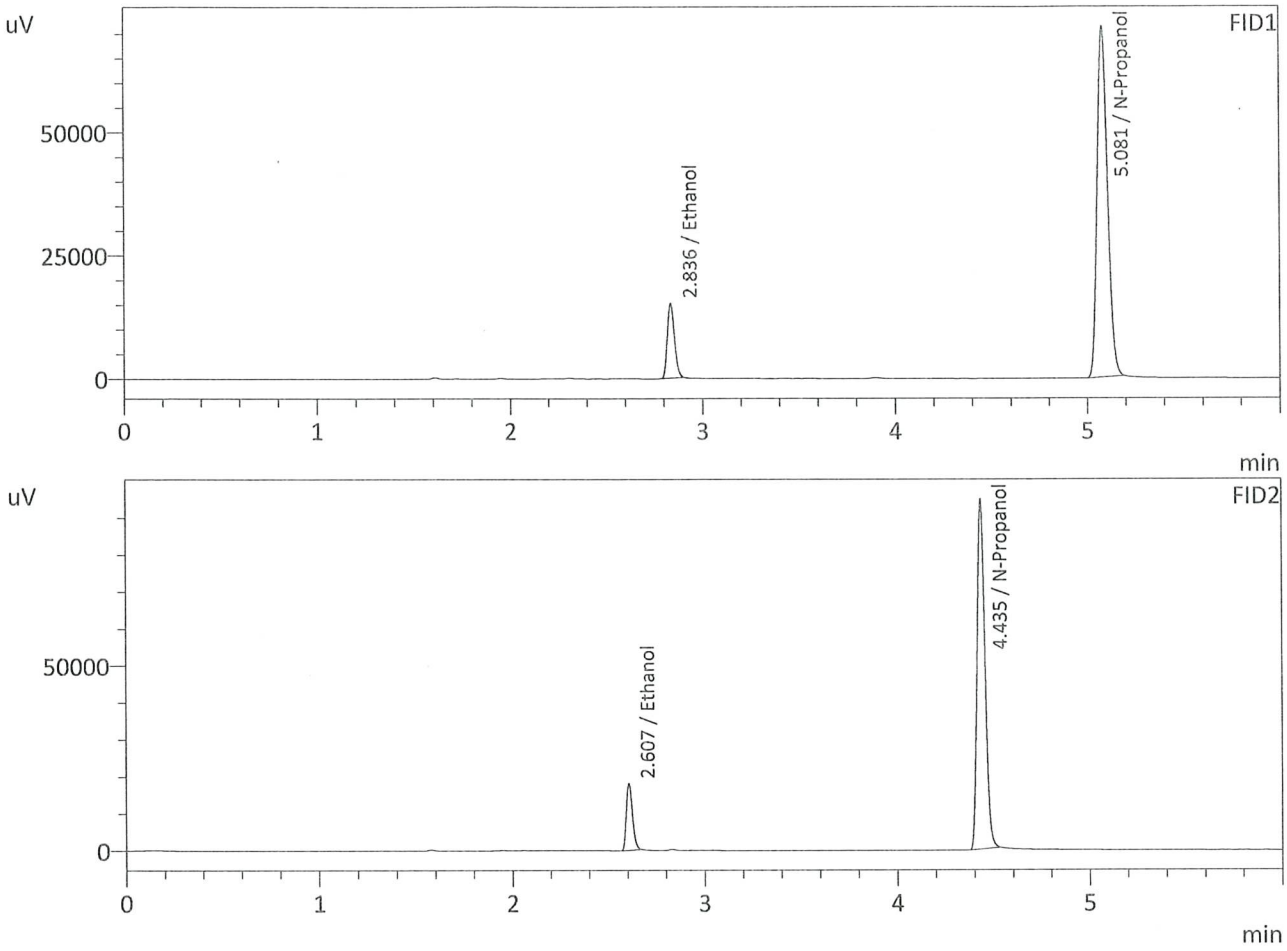
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0801	38418	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	265568	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0800	39504	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	269362	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 3:50:41 PM
Vial # : 11
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0808	38674	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	264862	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0810	40042	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	269173	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1 Analysis Date(s): 9/11/2024 7:13:21 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1976	0.1965	0.0011	0.1970	0.0010	0.1965
(g/100cc)	0.1968	0.1952	0.0016	0.1960		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

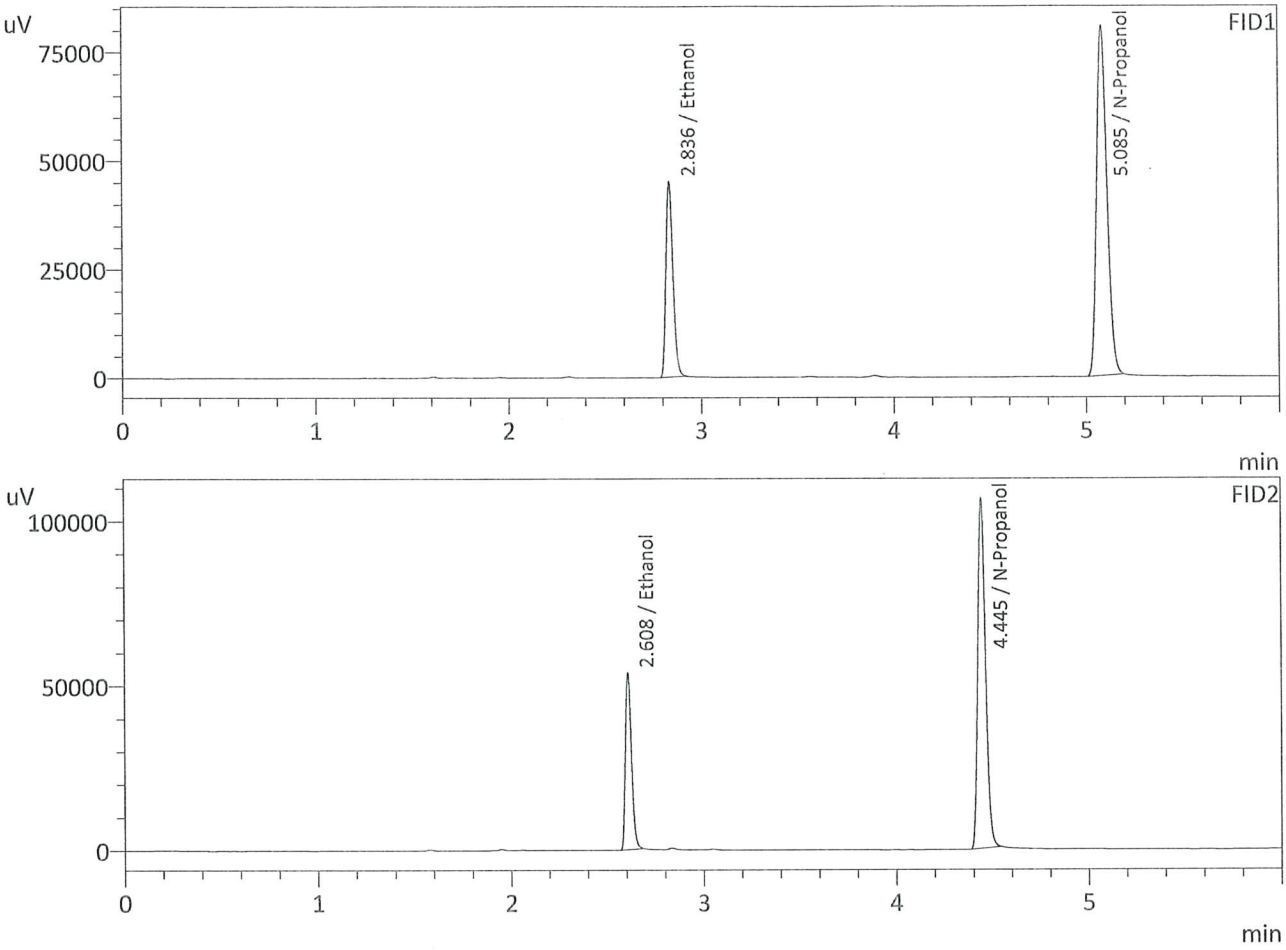
Reporting of Results	Uncertainty of Measurements (UM%):	5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.196	0.186	0.206	0.010

Reported Results
0.196

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 7:13:21 PM
Vial # : 32
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

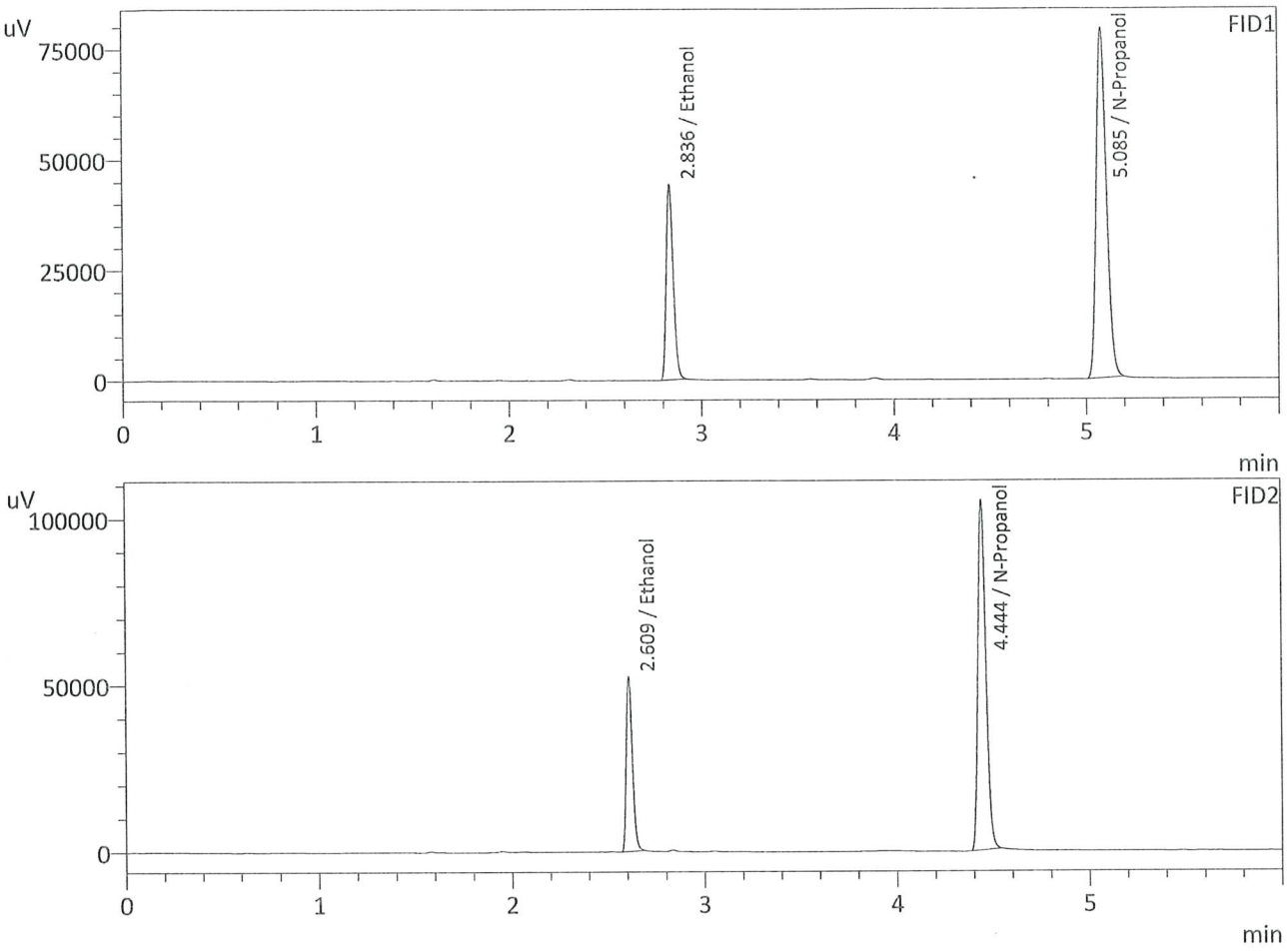
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1976	114999	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	300409	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1965	117941	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	302900	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 7:24:04 PM
Vial # : 33
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1968	112823	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	295947	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1952	115354	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	298476	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2 Analysis Date(s): 9/11/2024 10:08:07 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1998	0.1987	0.0011	0.1992	0.0001	0.1992
(g/100cc)	0.1997	0.1989	0.0008	0.1993		

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%

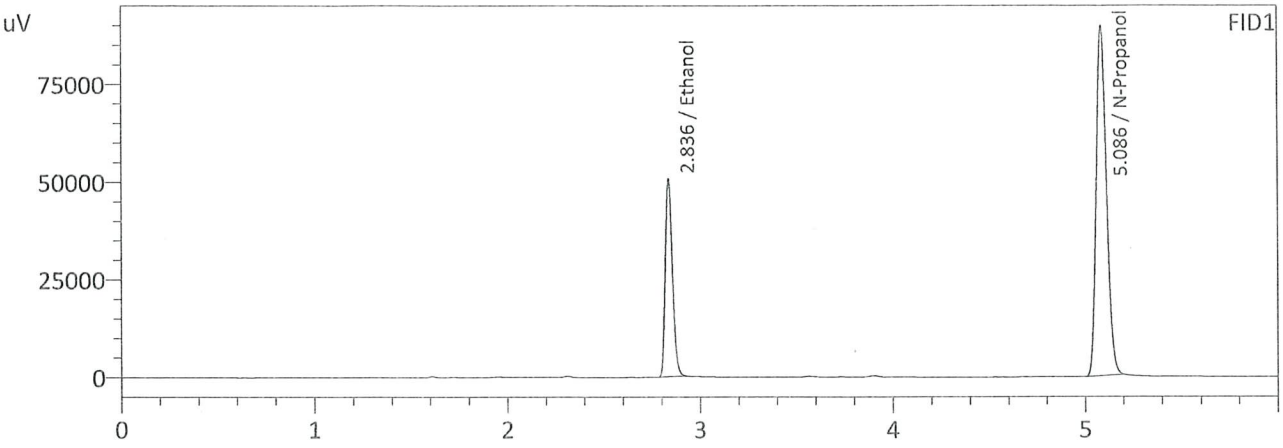
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.199	0.189	0.209	0.010

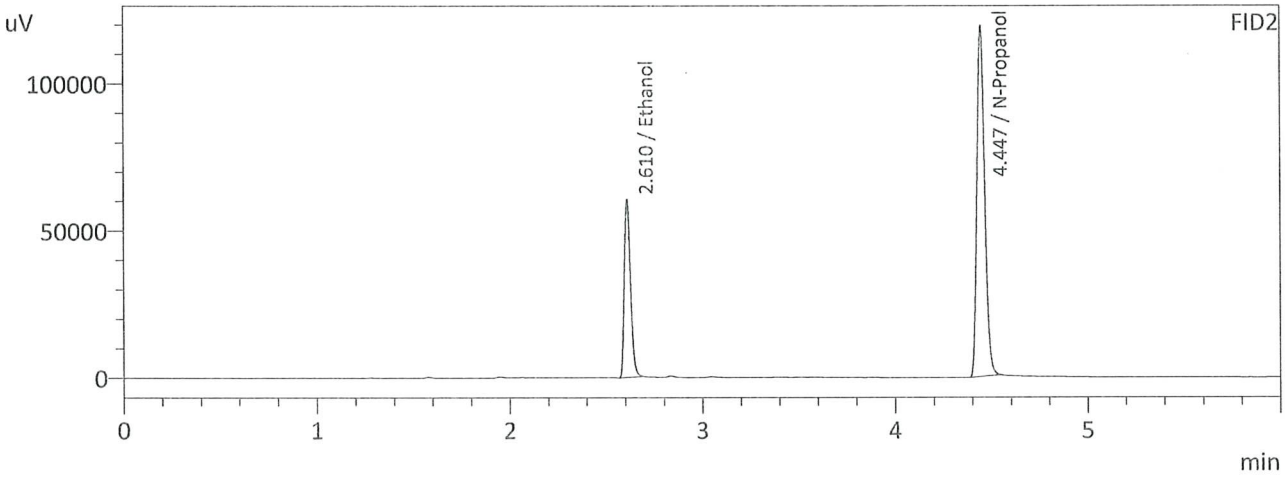
Reported Results
0.199

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 10:08:07 PM
Vial # : 50
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

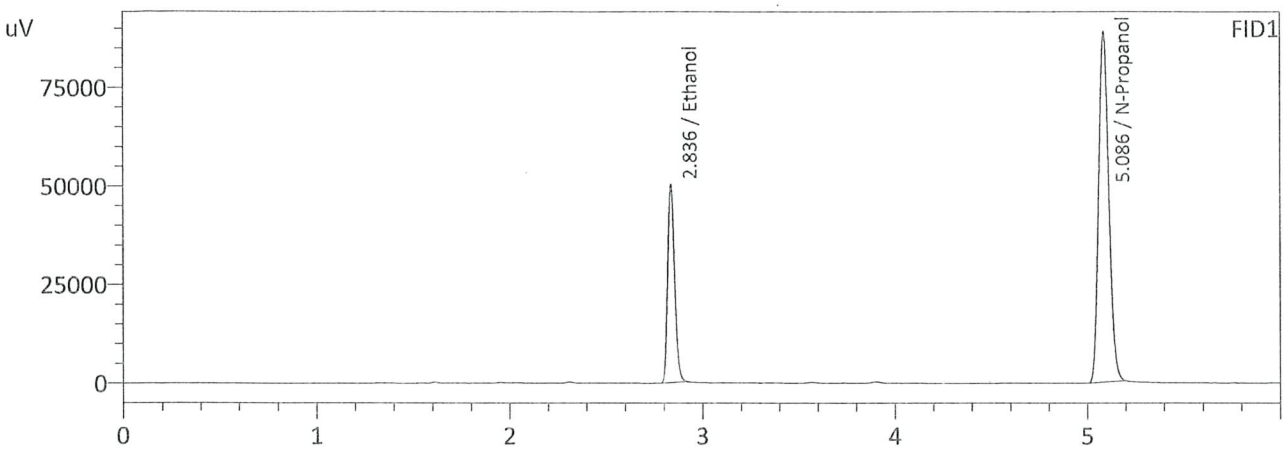
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1998	129220	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	333584	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

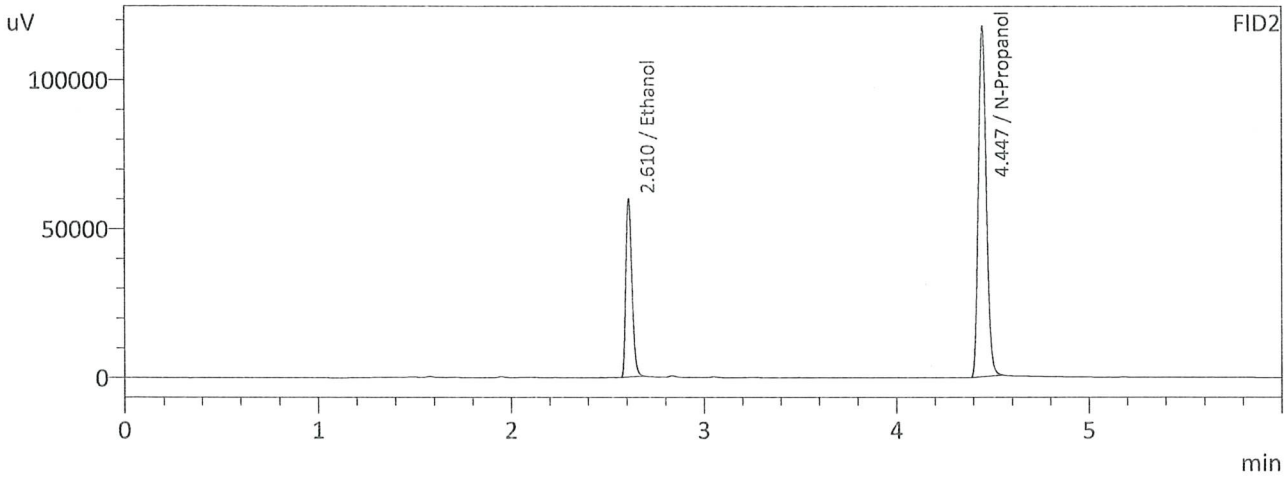
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1987	132822	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	337159	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 9/11/2024 10:18:52 PM
Vial # : 51
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1997	128018	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	330634	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1989	131875	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	334400	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc