


















99

Worklist: 6440

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2023-1410	1	BCK	Alcohol Analysis	
C2023-1411	2	BCK	Alcohol Analysis	
C2023-1430	1	BCK	Alcohol Analysis	
C2023-1438	1	BCK	Alcohol Analysis	
C2023-1449	1	BCK	Alcohol Analysis	
C2023-1483	1	BCK	Alcohol Analysis	
C2023-1488	1	BCK	Alcohol Analysis	
C2023-1494	1	BCK	Alcohol Analysis	
C2023-1531	4	BCK	Alcohol Analysis	
C2023-1532	1	COBCK	Alcohol Analysis	
C2023-1550	1	BCK	Alcohol Analysis	
C2023-1639	2	BCK	Alcohol Analysis	
C2023-1644	1	BCK	Alcohol Analysis	
C2023-1648	1	BCK	Alcohol Analysis	
C2023-1655	1	BCK	Alcohol Analysis	
C2023-1664	1	BCK	Alcohol Analysis	
M2023-2977	3	BCK	Alcohol Analysis	

REVIEWED

By Melissa (Nikka) Bradley at 10:05 am, Jul 24, 2023

NB

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
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Vial#	Sample Name	Sample Type	Level#	Method File
78	INT STD BLK 5	0:Unknown	0	ALCOHOL Long.gcm
79	INT STD BLK 6	0:Unknown	0	ALCOHOL Long.gcm
80	INT STD BLK 7	0:Unknown	0	ALCOHOL Long.gcm
81	INT STD BLK 8	0:Unknown	0	ALCOHOL Long.gcm
82	INT STD BLK 9	0:Unknown	0	ALCOHOL Long.gcm
83	INT STD BLK 10	0:Unknown	0	ALCOHOL Long.gcm
1	INT STD BLK 1	0:Unknown	0	ALCOHOL Long.gcm
2	0.050	1:Standard:(R)	1	ALCOHOL Long.gcm
3	0.100	1:Standard:(R)	2	ALCOHOL Long.gcm
4	0.200	1:Standard:(R)	3	ALCOHOL Long.gcm
5	0.400	1:Standard:(R)	4	ALCOHOL Long.gcm
6	0.500	1:Standard:(R)	5	ALCOHOL Long.gcm
7	INT STD BLK 2	0:Unknown	0	ALCOHOL Long.gcm
8	MULTI-COMP MIX	1:Standard:(R)	6	ALCOHOL Long.gcm
9	INT STD BLK 3	0:Unknown	0	ALCOHOL Long.gcm
10	QC-1-1	0:Unknown	0	ALCOHOL Long.gcm
11	QC-1-1-B	0:Unknown	0	ALCOHOL Long.gcm
12	0.08 QA	0:Unknown	0	ALCOHOL Long.gcm
13	0.08 QA - B	0:Unknown	0	ALCOHOL Long.gcm
14	C2023-1293-1	0:Unknown	0	ALCOHOL Long.gcm
15	C2023-1293-1-B	0:Unknown	0	ALCOHOL Long.gcm
16	C2023-1410-1	0:Unknown	0	ALCOHOL Long.gcm
17	C2023-1410-1-B	0:Unknown	0	ALCOHOL Long.gcm
18	C2023-1411-2	0:Unknown	0	ALCOHOL Long.gcm
19	C2023-1411-2-B	0:Unknown	0	ALCOHOL Long.gcm
20	C2023-1430-1	0:Unknown	0	ALCOHOL Long.gcm
21	C2023-1430-1-B	0:Unknown	0	ALCOHOL Long.gcm
22	C2023-1438-1	0:Unknown	0	ALCOHOL Long.gcm
23	C2023-1438-1-B	0:Unknown	0	ALCOHOL Long.gcm
24	C2023-1449-1	0:Unknown	0	ALCOHOL Long.gcm
25	C2023-1449-1-B	0:Unknown	0	ALCOHOL Long.gcm
26	C2023-1483-1	0:Unknown	0	ALCOHOL Long.gcm
27	C2023-1483-1-B	0:Unknown	0	ALCOHOL Long.gcm
28	C2023-1488-1	0:Unknown	0	ALCOHOL Long.gcm
29	C2023-1488-1-B	0:Unknown	0	ALCOHOL Long.gcm
30	C2023-1494-1	0:Unknown	0	ALCOHOL Long.gcm
31	C2023-1494-1-B	0:Unknown	0	ALCOHOL Long.gcm
32	QC-2-1	0:Unknown	0	ALCOHOL Long.gcm
33	QC-2-1-B	0:Unknown	0	ALCOHOL Long.gcm
34	C2023-1531-4	0:Unknown	0	ALCOHOL Long.gcm
35	C2023-1531-4-B	0:Unknown	0	ALCOHOL Long.gcm
36	C2023-1532-1	0:Unknown	0	ALCOHOL Long.gcm
37	C2023-1532-1-B	0:Unknown	0	ALCOHOL Long.gcm
38	C2023-1550-1	0:Unknown	0	ALCOHOL Long.gcm
39	C2023-1550-1-B	0:Unknown	0	ALCOHOL Long.gcm
40	C2023-1639-2	0:Unknown	0	ALCOHOL Long.gcm
41	C2023-1639-2-B	0:Unknown	0	ALCOHOL Long.gcm
42	C2023-1644-1	0:Unknown	0	ALCOHOL Long.gcm
43	C2023-1644-1-B	0:Unknown	0	ALCOHOL Long.gcm
44	C2023-1648-1	0:Unknown	0	ALCOHOL Long.gcm
45	C2023-1648-1-B	0:Unknown	0	ALCOHOL Long.gcm
46	C2023-1664-1	0:Unknown	0	ALCOHOL Long.gcm
47	C2023-1664-1-B	0:Unknown	0	ALCOHOL Long.gcm
48	M2023-2977-3	0:Unknown	0	ALCOHOL Long.gcm
49	M2023-2977-3-B	0:Unknown	0	ALCOHOL Long.gcm
50	C2023-1655-1	0:Unknown	0	ALCOHOL Long.gcm
51	C2023-1655-1-B	0:Unknown	0	ALCOHOL Long.gcm
52	QC-2-2	0:Unknown	0	ALCOHOL Long.gcm
53	QC-2-2-B	0:Unknown	0	ALCOHOL Long.gcm

99

Vial#	Sample Name	Sample Type	Level#	Method File
54	INT STD BLK 4	0:Unknown	0	ALCOHOL Long.gcm

99

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):

7/18/2023

Calibration Date: (if different)

Worklist #:

6440

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0785 g/100cc	
					g/100cc	
					g/100cc	
Level 2	Mar-26	2110181	0.2030	0.1827 - 0.2233	0.1981 g/100cc	
					0.1997 g/100cc	
					g/100cc	
Multi-Component mixture:		Exp:	January 31, 2026	Lot #	FN01212104	OK
Curve Fit:			Column 1	0.99988	Column 2	0.99978
			0.99998	7/24/23	0.99994	7/24/23

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0509	0.0518	0.0009	0.0513
100	0.100	0.090 - 0.110	0.0995	0.0992	0.0003	0.0993
200	0.200	0.180 - 0.220	0.1991	0.1984	0.0007	0.1987
300	0.300	0.270 - 0.330			0	#DIV/0!
400	0.400	0.360 - 0.440	0.3999	0.3994	0.0005	0.3996
500	0.500	0.450 - 0.550	0.5003	0.5010	0.0007	0.5006

Aqueous Controls

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

Revision: 5

Issue Date: 07/05/2022

99

Internal Standard Monitoring Worksheet

Worklist #:	6440	Run Date(s):	7/18/2023
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Internal Standard Solution: Lot# A014463901	Prep Date: 5/24/2023	Exp Date: 11/24/2023
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Sample Name	Column 1 Value	Column 2 Value
0.080	256587	259972
0.080	257920	261026
QC1	254209	257540
QC1	255497	259142
QC1		
QC1		
QC1		
QC1		
QC2	286183	289440
QC2	275638	278986
QC2	311672	316970
QC2	314758	320364
QC2		
QC2		

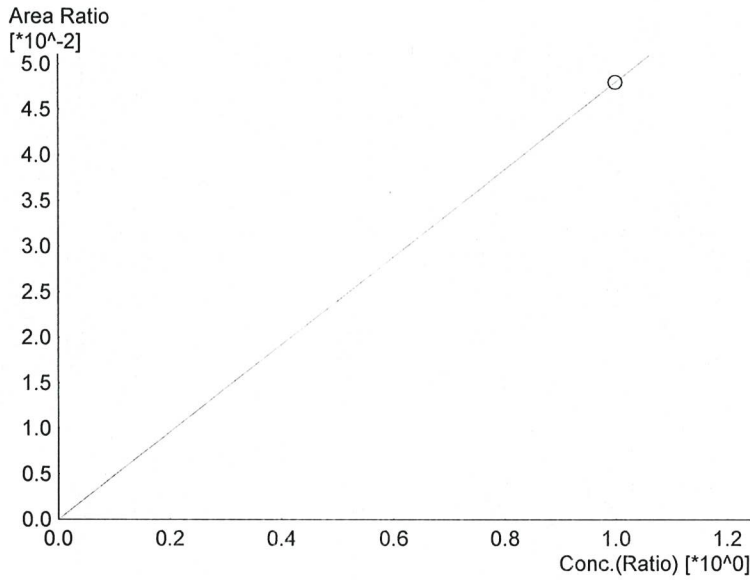
	Average	(-)20%	(+)20%
Column 1	276558.0	221246.4	331869.6
Column 2	280430.0	224344.0	336516.0

99

Calibration Table

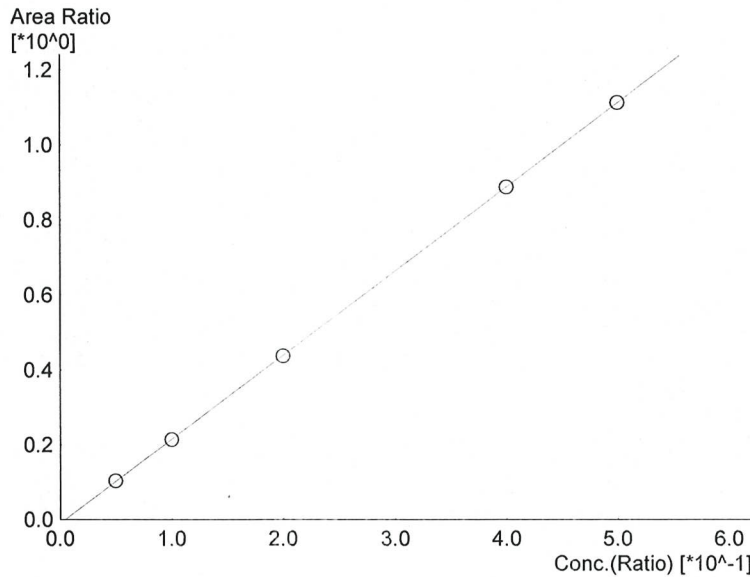
Laboratory : Coeur d'Alene
 Instrument Name : BML8F33-Instrument1
 Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
 Method File :Default Project - ALCOHOL Long.gcm
 Batch File :Default Project - 7-18-23.gcb
 Date Acquired :7/18/2023 3:55:32 PM
 Date Created :7/18/2023 3:52:55 PM
 Date Modified :7/18/2023 4:01:33 PM



Name : Methanol
 Detector Name: FID1
 Function : $f(x)=0.0480371*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

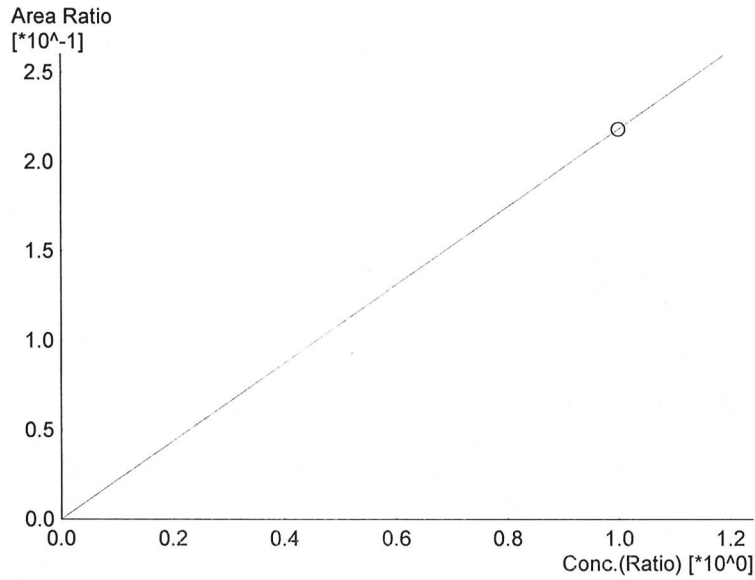
#	Conc.	Area	Std. Conc.
6	1.000	12723	1.0000



Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.24885*x-0.0107522$
 R² value= 0.9999883
 FitType: Linear
 ZeroThrough: Not Through

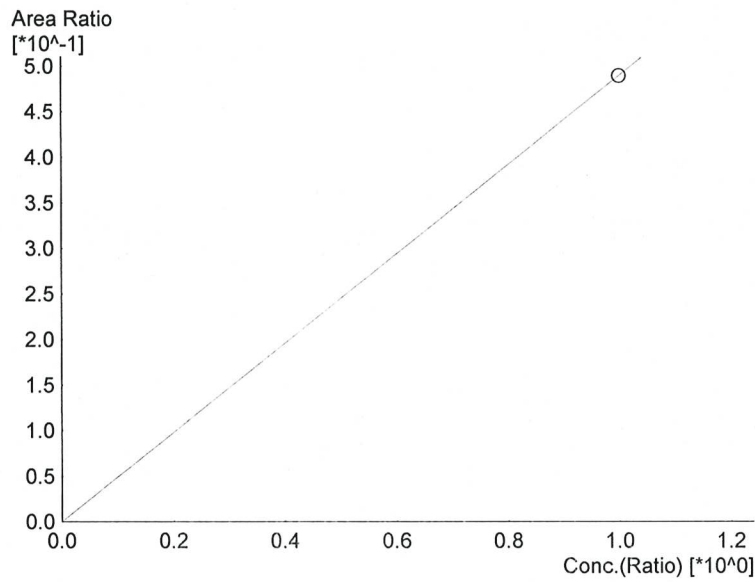
#	Conc.	Area	Std. Conc.
1	0.050	24435	0.0509
2	0.100	50350	0.0995
3	0.200	104470	0.1991
4	0.400	211965	0.3999
5	0.500	268368	0.5003

99



Name : Isopropyl Alcohol
Detector Name: FID1
Function : $f(x)=0.218553*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	57887	1.0000



Name : Acetone
Detector Name: FID1
Function : $f(x)=0.490154*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

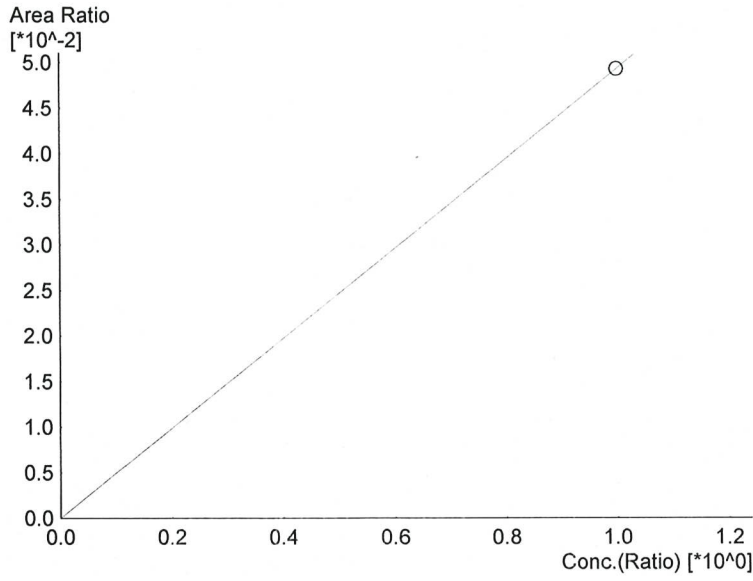
#	Conc.	Area	Std. Conc.
6	1.000	129825	1.0000



Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

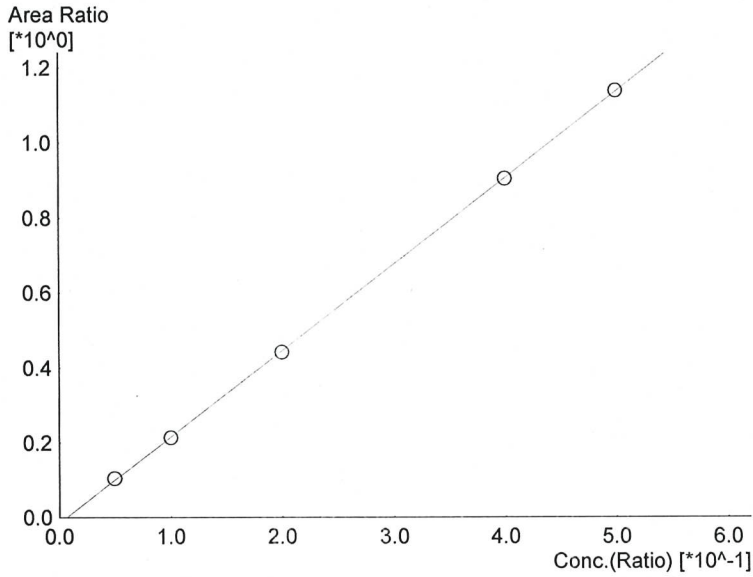
#	Conc.	Area	Std. Conc.
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99



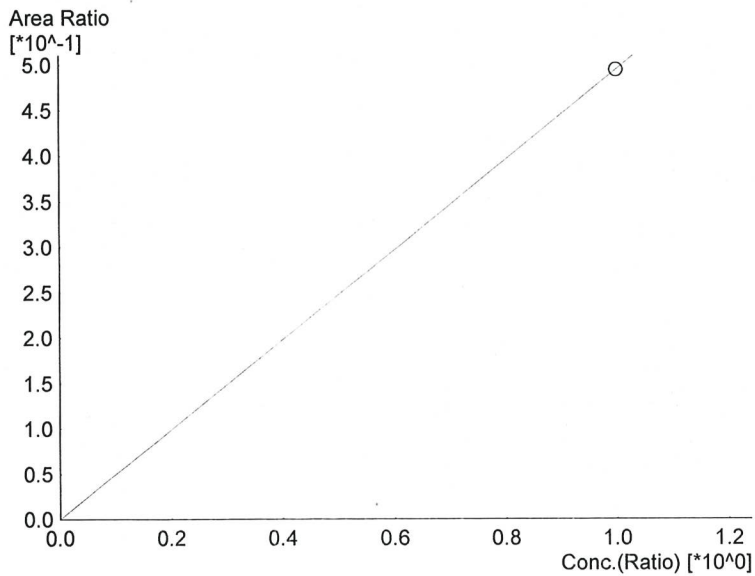
Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0.0493341*x+0$
 R² value= 1.00000
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	13149	1.0000



Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.30409*x-0.0152532$
 R² value= 0.9999468
 FitType: Linear
 ZeroThrough: Not Through

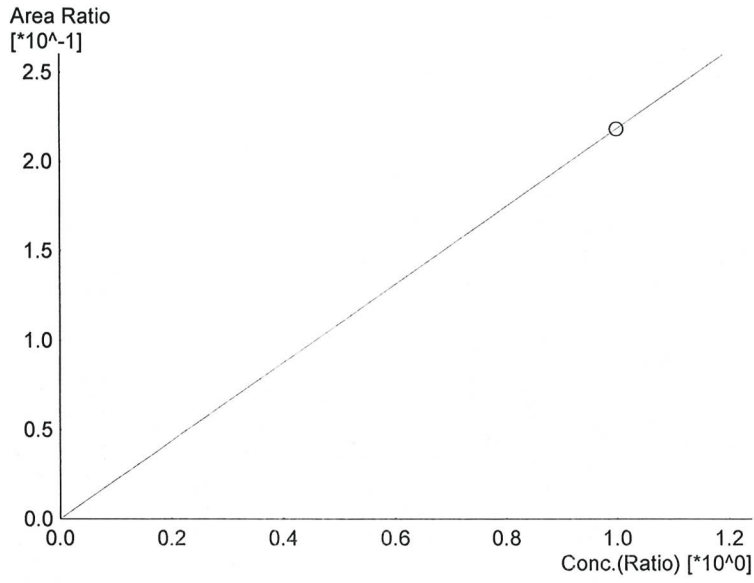
#	Conc.	Area	Std. Conc.
1	0.050	24793	0.0518
2	0.100	50942	0.0992
3	0.200	106466	0.1984
4	0.400	218686	0.3994
5	0.500	277016	0.5010



Name : Acetone
 Detector Name: FID2
 Function : $f(x)=0.494745*x+0$
 R² value= 1.00000
 FitType: Linear
 ZeroThrough: Not Through

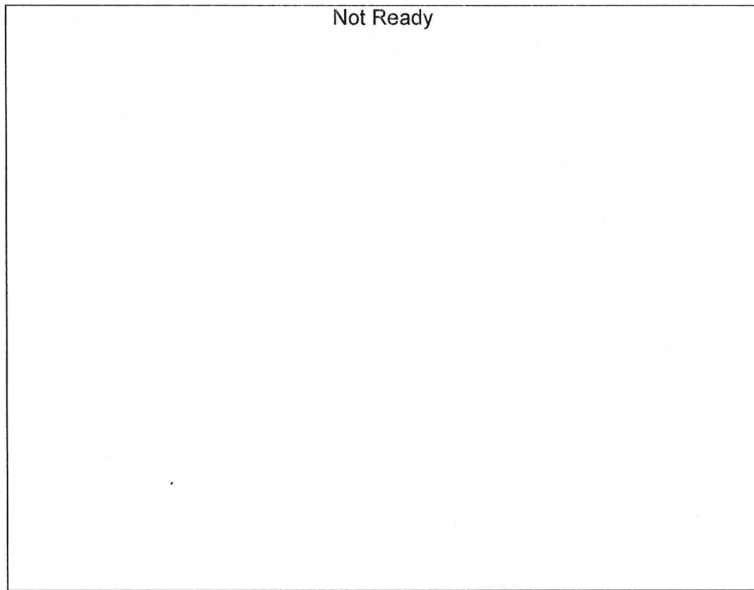
#	Conc.	Area	Std. Conc.
6	1.000	131869	1.0000

99



Name : Isopropyl Alcohol
Detector Name: FID2
Function : $f(x)=0.218404*x+0$
 R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	58213	1.0000

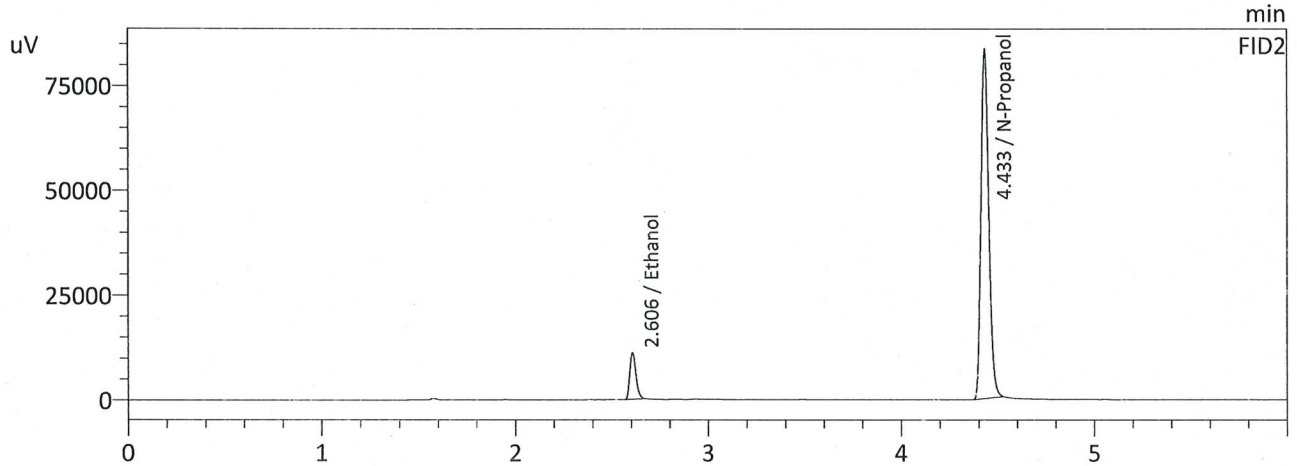
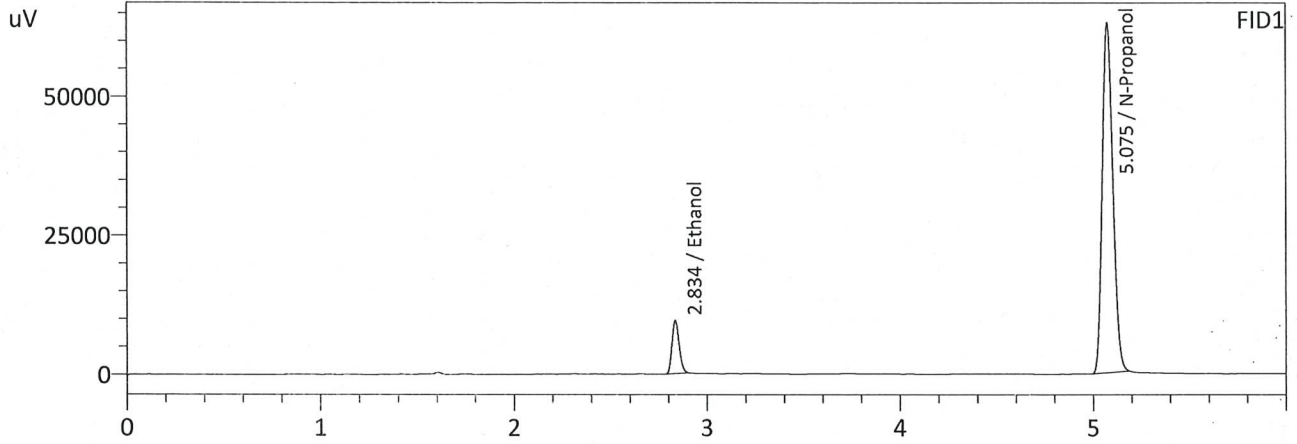


Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : $f(x)=0*x+0$
 R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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99

Sample Name : 0.050
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 3:16:44 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

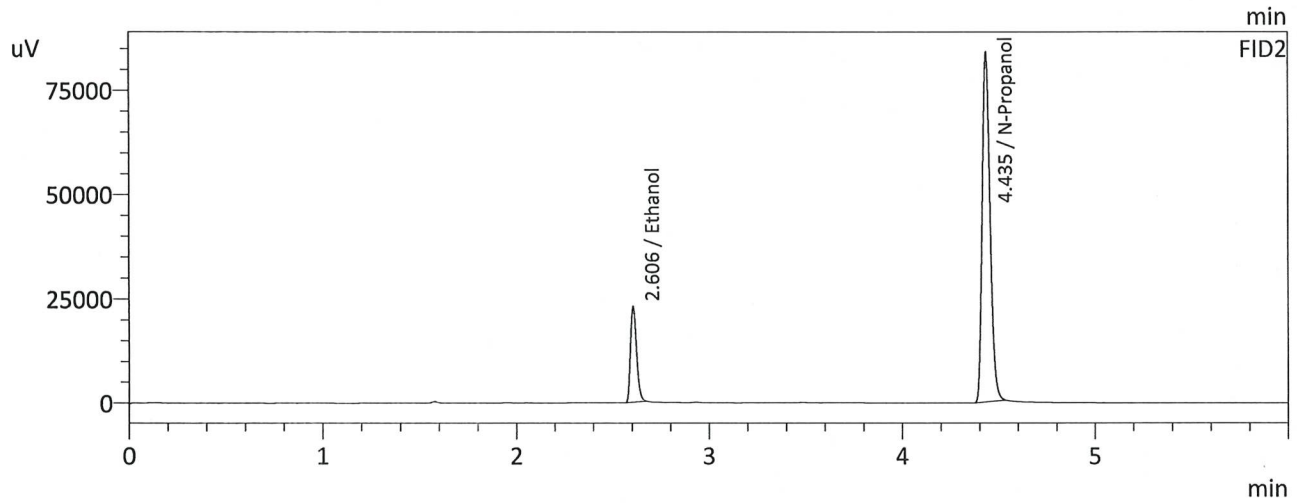
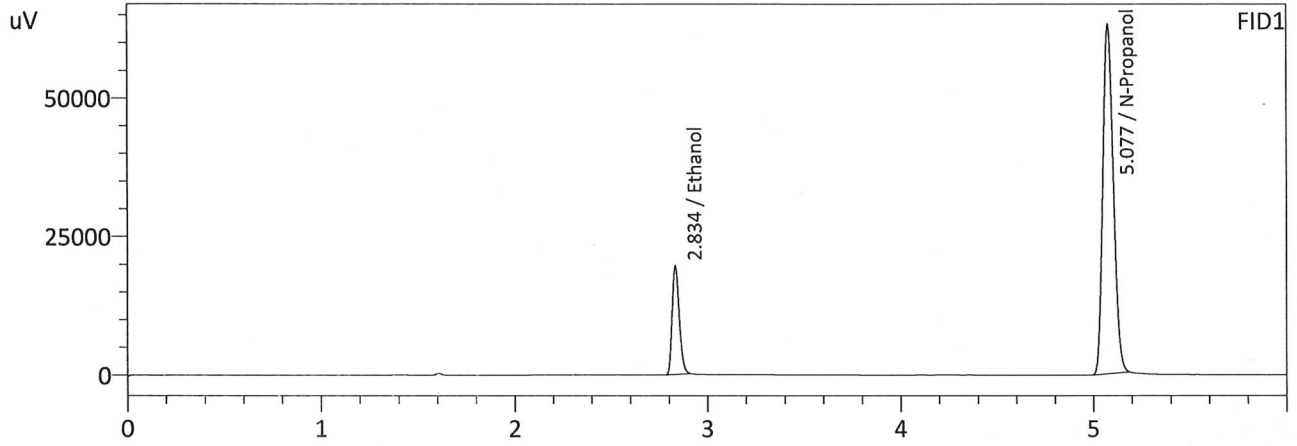
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0509	24435	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	235538	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0518	24793	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	237866	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.100
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 3:27:26 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

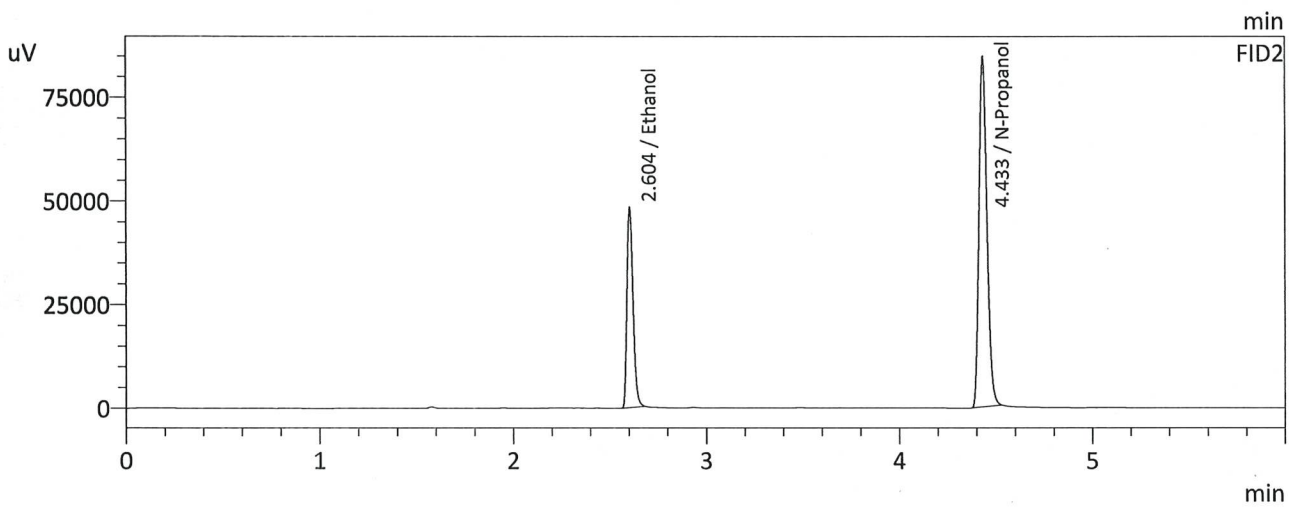
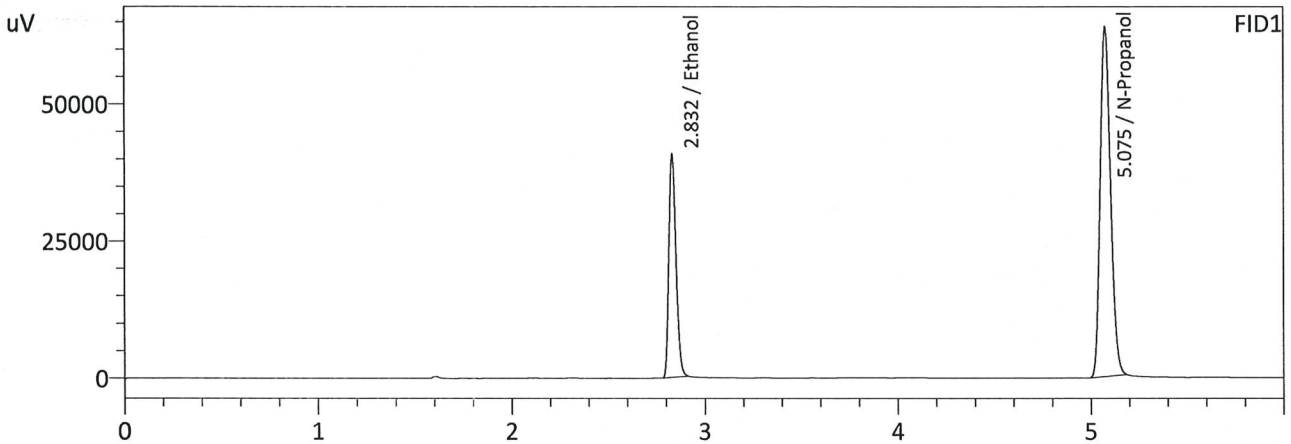
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0995	50350	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	236170	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0992	50942	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	238719	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.200
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 3:36:06 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

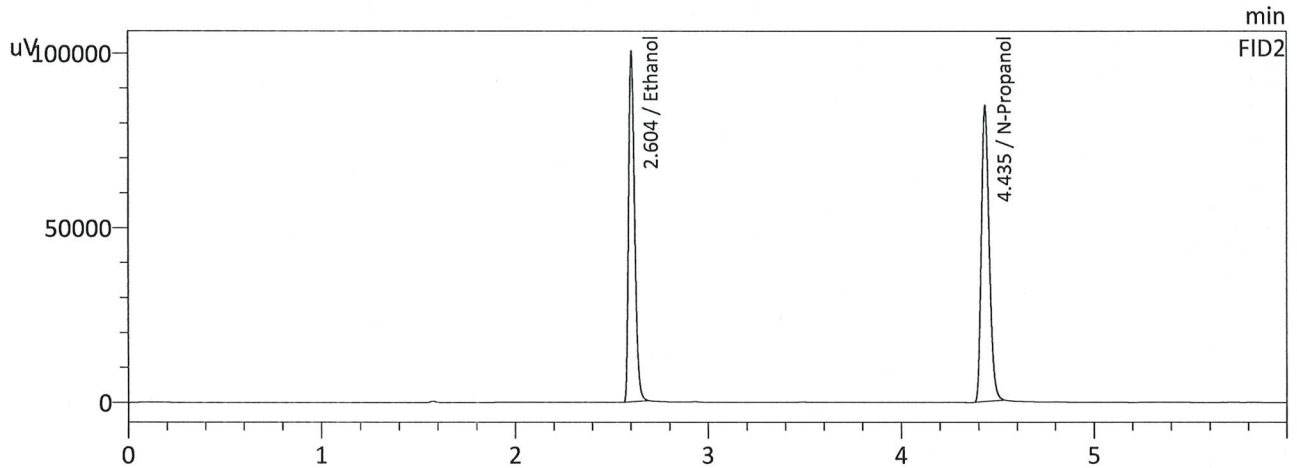
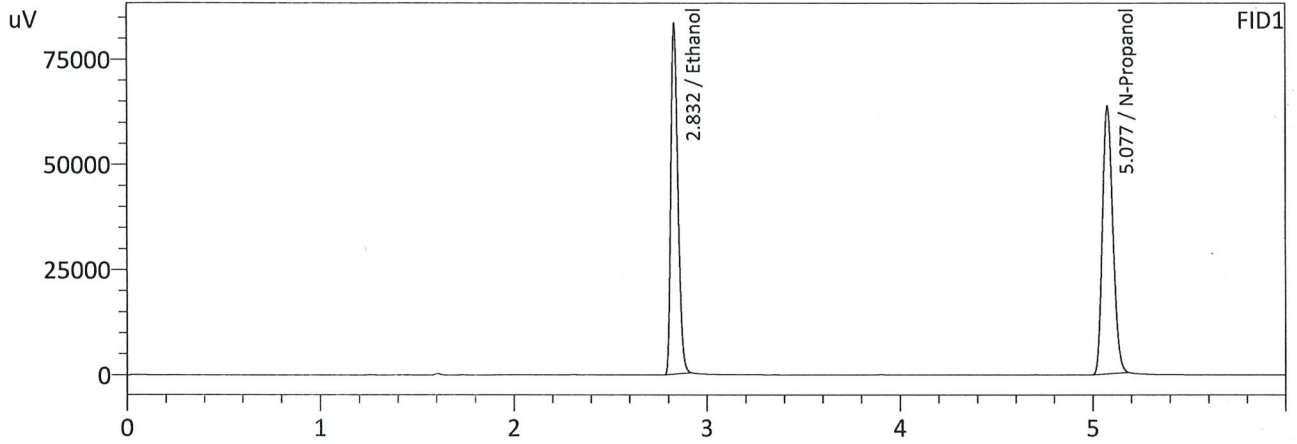
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1991	104470	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	238945	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1984	106466	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	240909	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.400
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 3:46:51 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

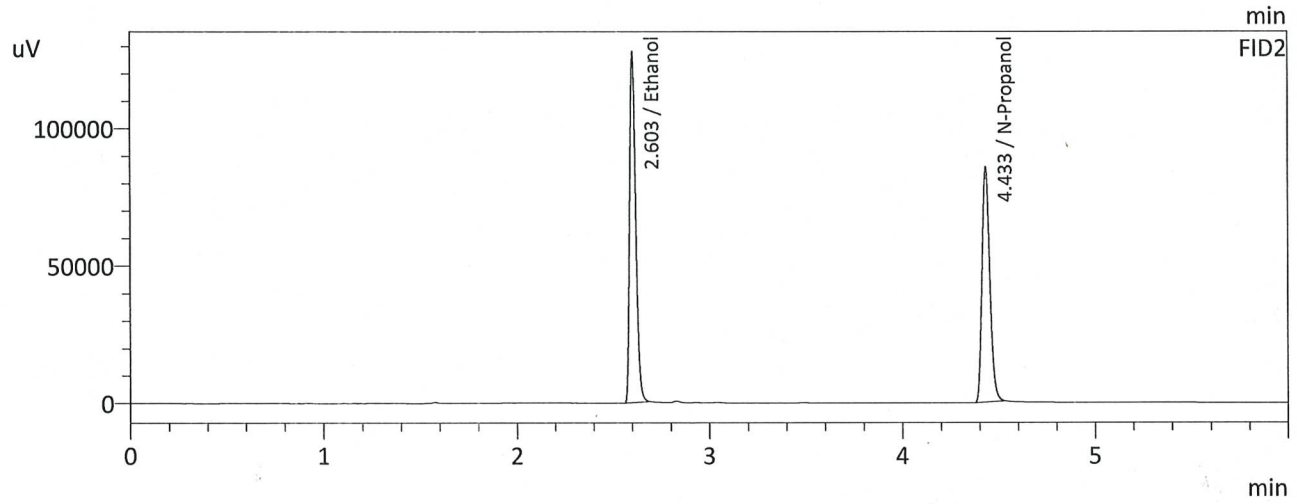
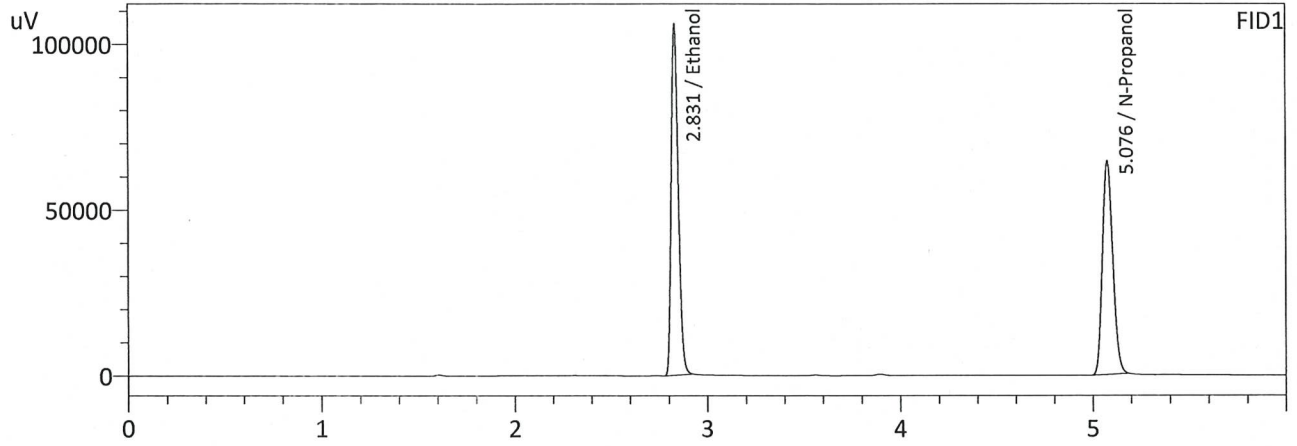
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3999	211965	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	238503	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3994	218686	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	241627	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.500
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 3:55:32 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

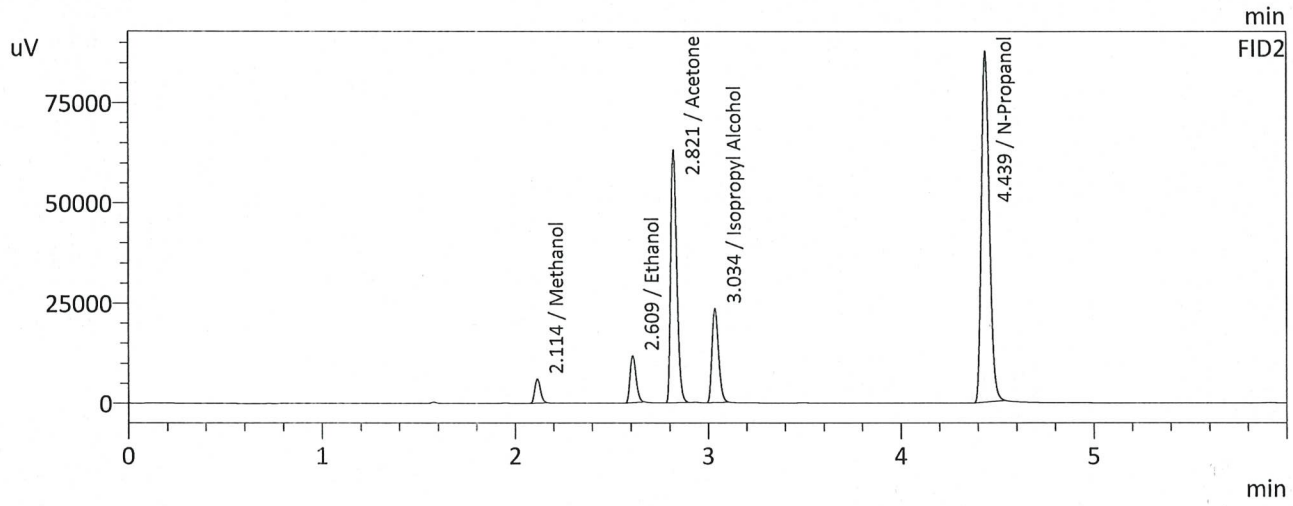
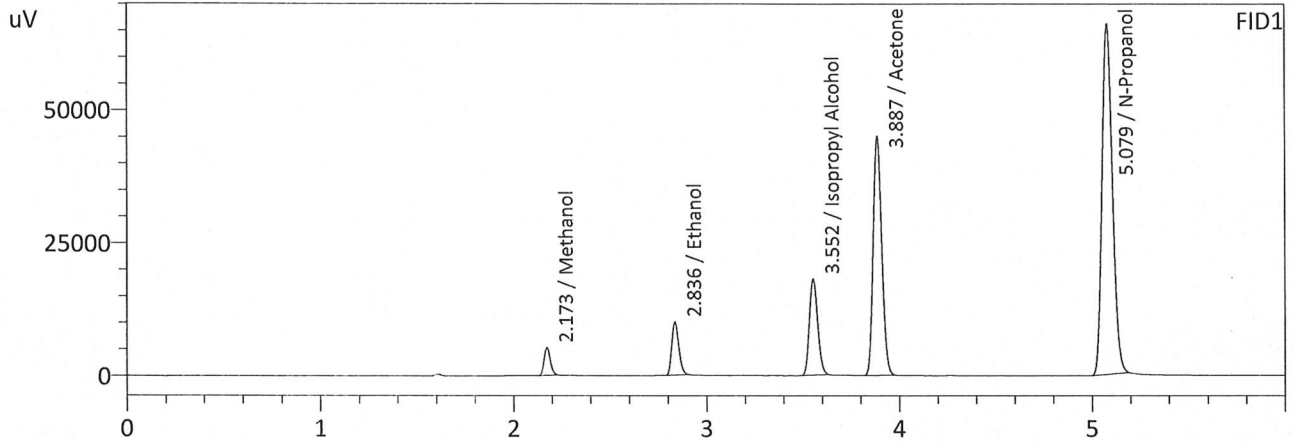
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5003	268368	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	240814	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5010	277016	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	243160	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 4:14:55 PM
 Vial # : 8
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	1.0000	11984	g/100cc
Ethanol	0.0510	25710	g/100cc
Isopropyl Alcohol	1.0000	54614	g/100cc
Acetone	1.0000	138272	g/100cc
N-Propanol	0.0000	247264	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	12466	g/100cc
Ethanol	0.0516	25908	g/100cc
Acetone	1.0000	140679	g/100cc
Isopropyl Alcohol	1.0000	55087	g/100cc
N-Propanol	0.0000	249982	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 7/18/2023 4:34:18 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0787	0.0785	0.0002	0.0786	0.0002	0.0785
(g/100cc)	0.0785	0.0783	0.0002	0.0784		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

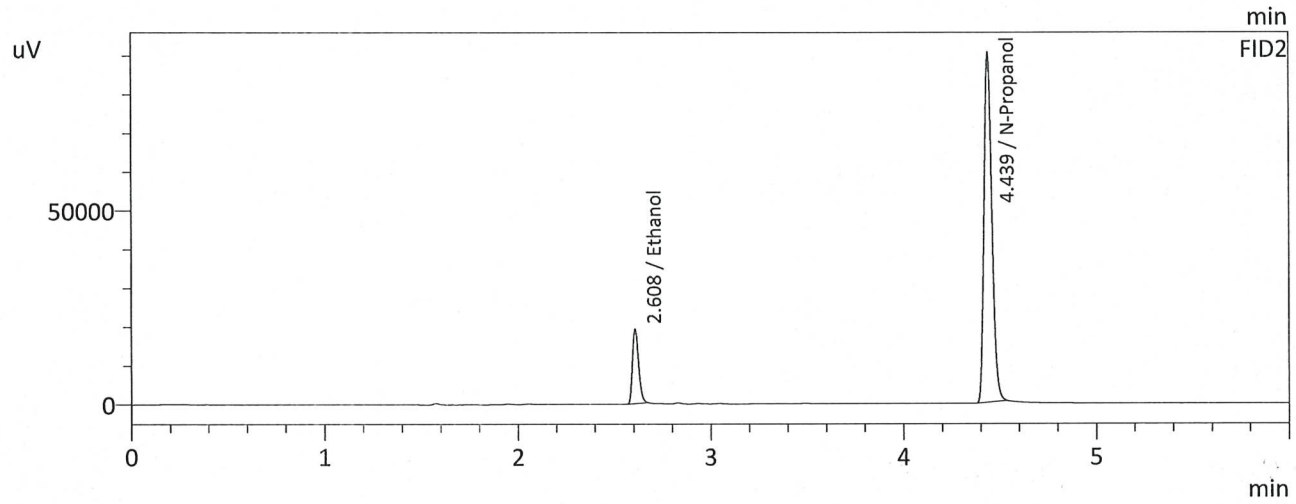
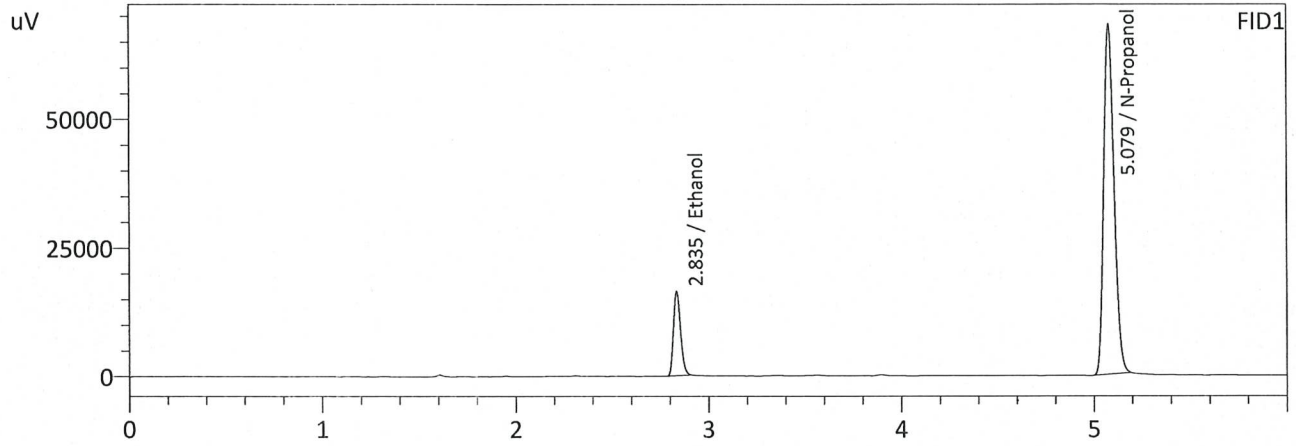
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.078	0.074	0.082	0.004

	Reported Results	
	0.078	

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 4:34:18 PM
 Vial # : 10
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

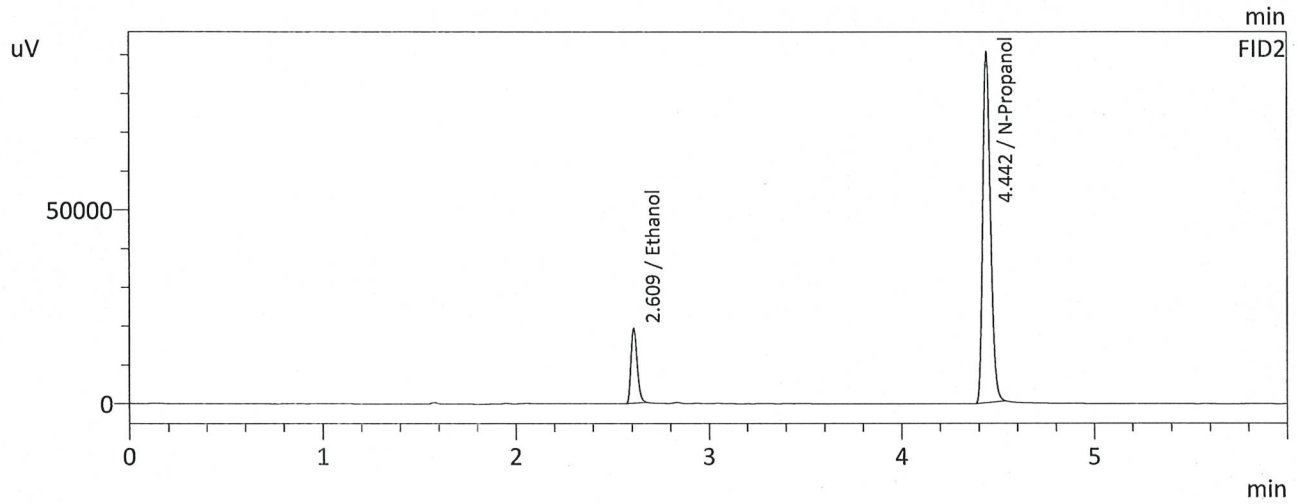
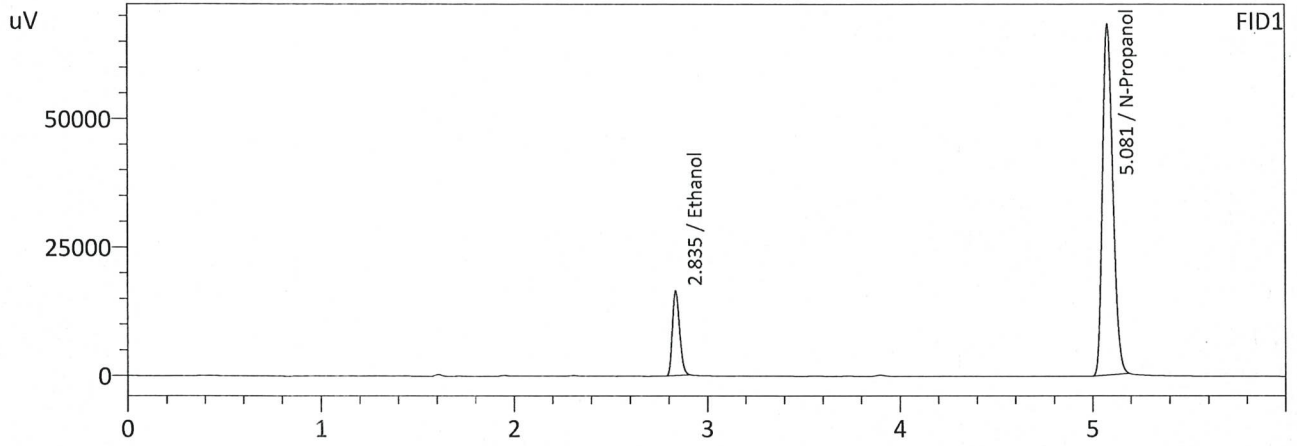
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0787	42272	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	254209	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0785	42705	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	257540	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 4:45:03 PM
 Vial # : 11
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0785	42402	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	255497	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0783	42834	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	259142	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 7/18/2023 4:53:44 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0804	0.0806	0.0002	0.0805	0.0005	0.0802
(g/100cc)	0.0800	0.0801	0.0001	0.0800		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

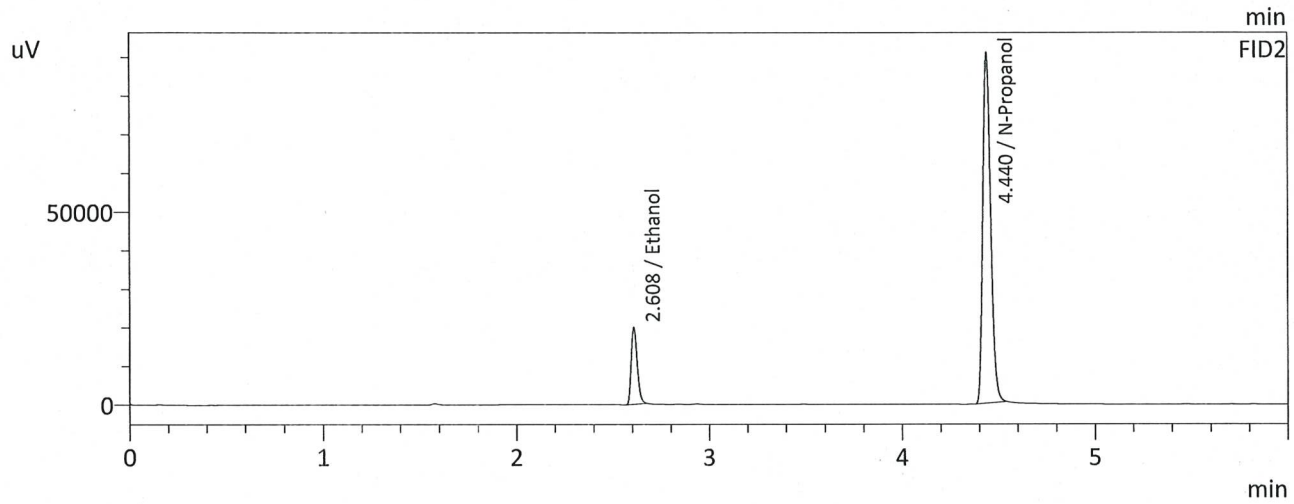
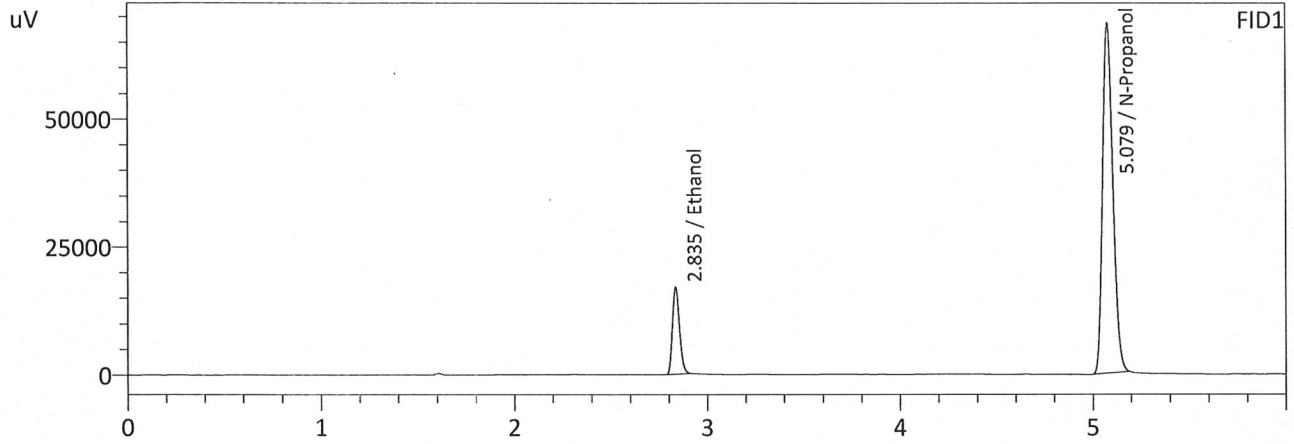
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

Reported Results	
0.080	

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 4:53:44 PM
 Vial # : 12
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

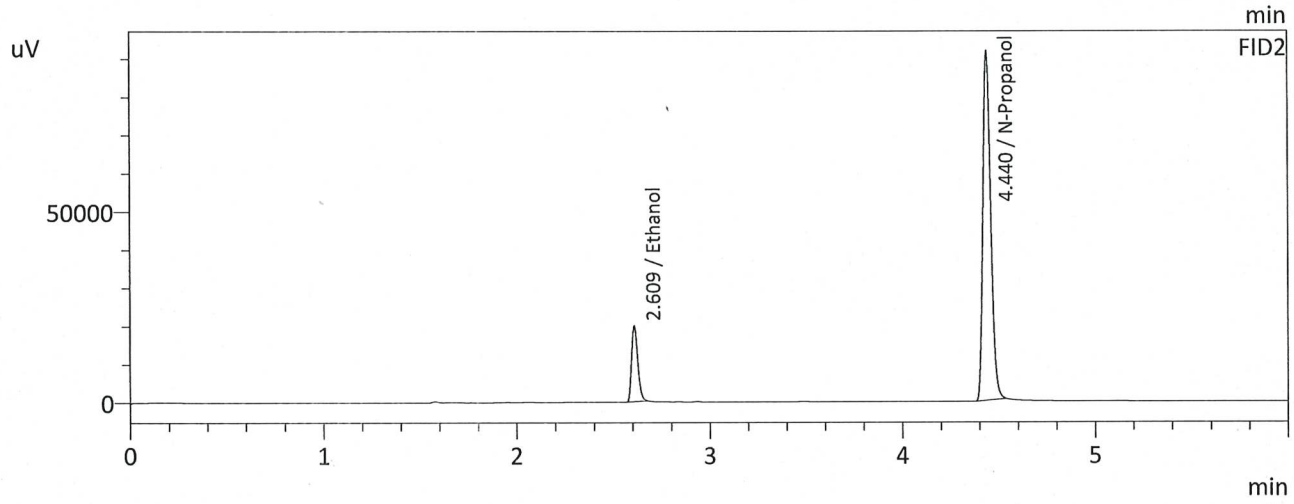
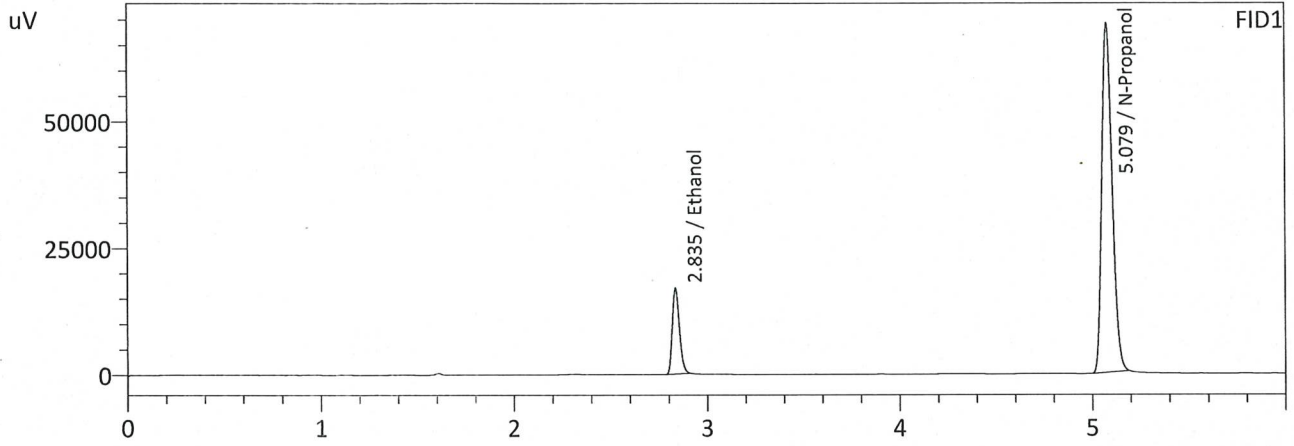
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0804	43637	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	256587	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	44316	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	259972	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 5:04:27 PM
 Vial # : 13
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0800	43686	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	257920	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0801	44210	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	261026	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 7/18/2023 8:07:42 PM(-07:00)				
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.1988	0.1981	0.0007	0.1984	0.0007	0.1981
(g/100cc)	0.1981	0.1974	0.0007	0.1977		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

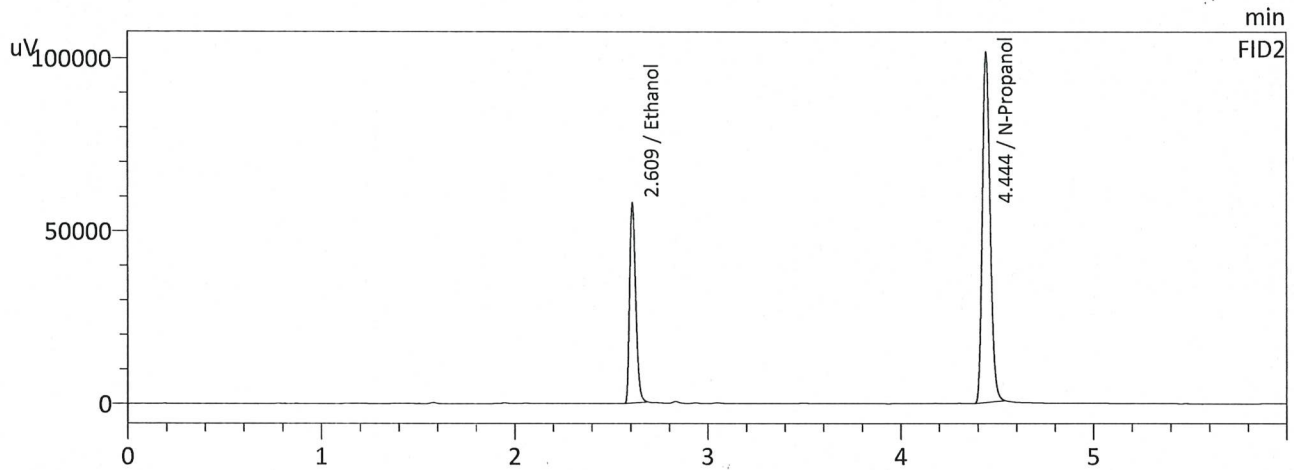
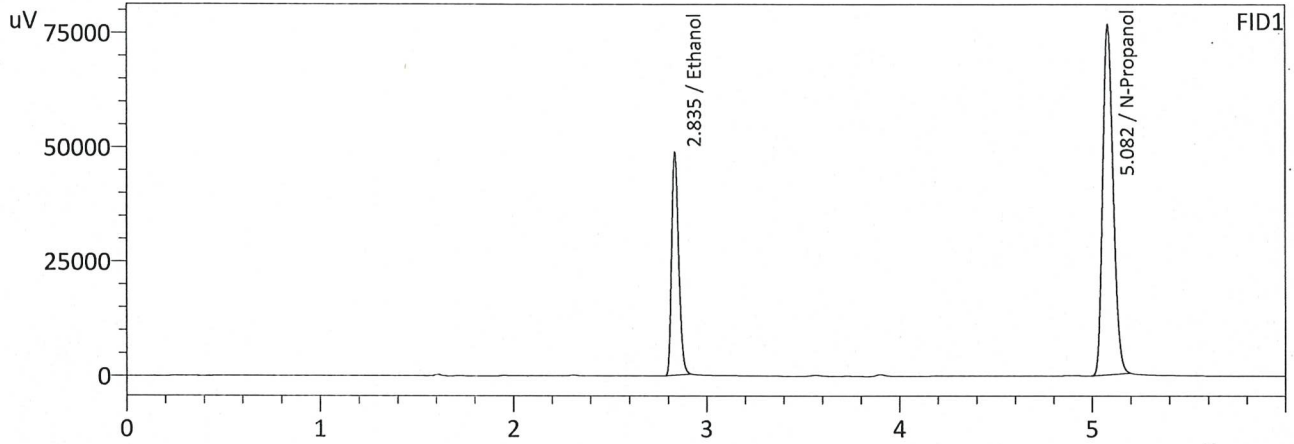
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.198	0.188	0.208	0.010

	Reported Results
	0.198

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 8:07:42 PM
 Vial # : 32
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

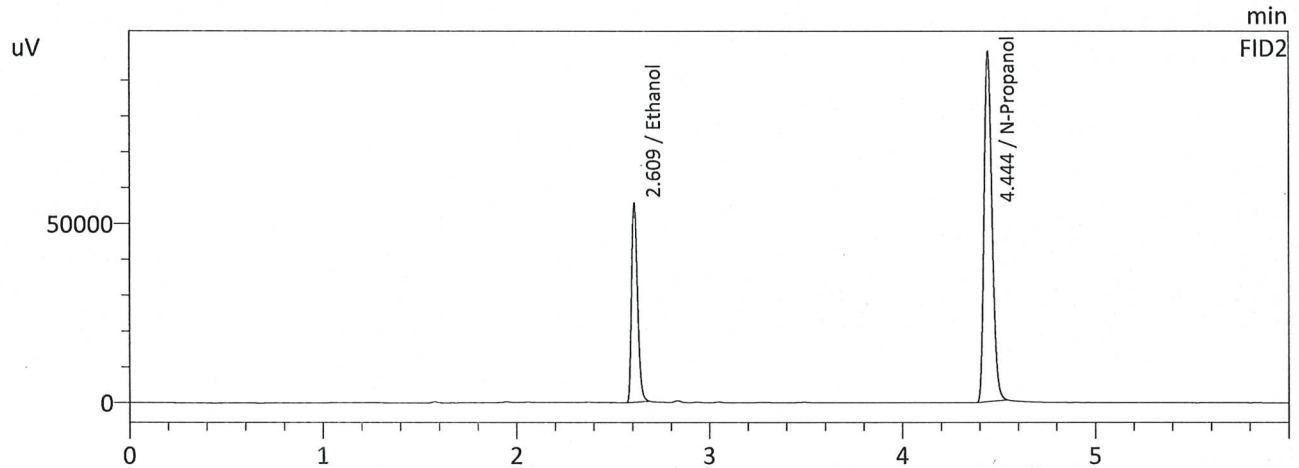
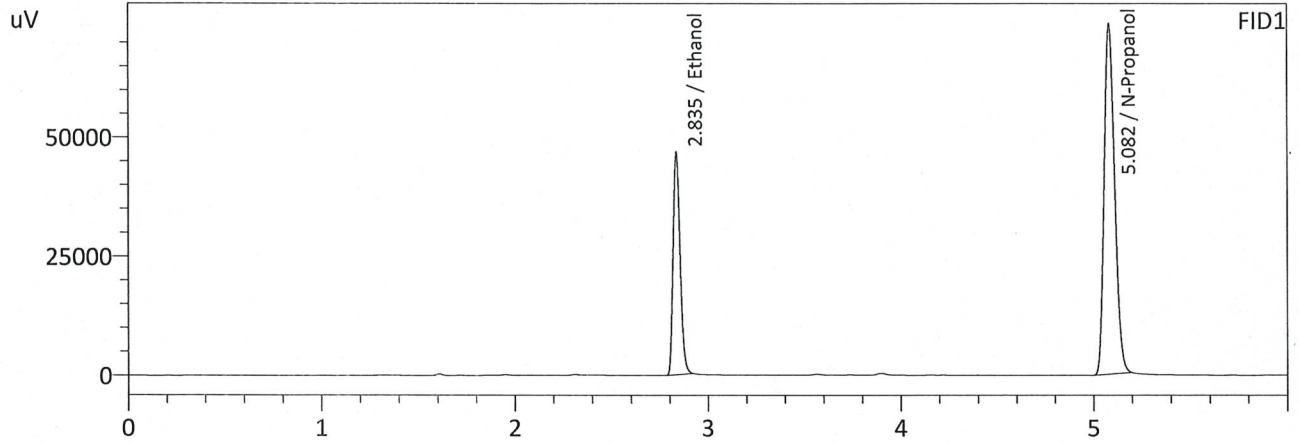
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1988	124886	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	286183	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1981	127762	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	289440	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 8:18:28 PM
 Vial # : 33
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1981	119838	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	275638	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1974	122641	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	278986	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2		Analysis Date(s): 7/18/2023 11:21:54 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	0.0010	0.1997
(g/100cc)	0.2009	0.1995	0.0014	0.2002		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

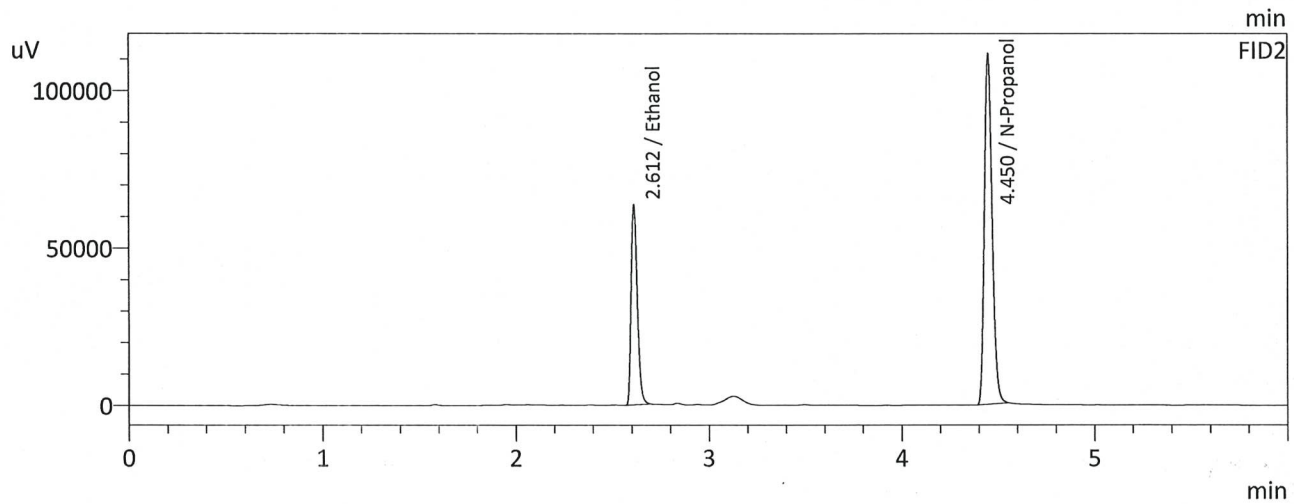
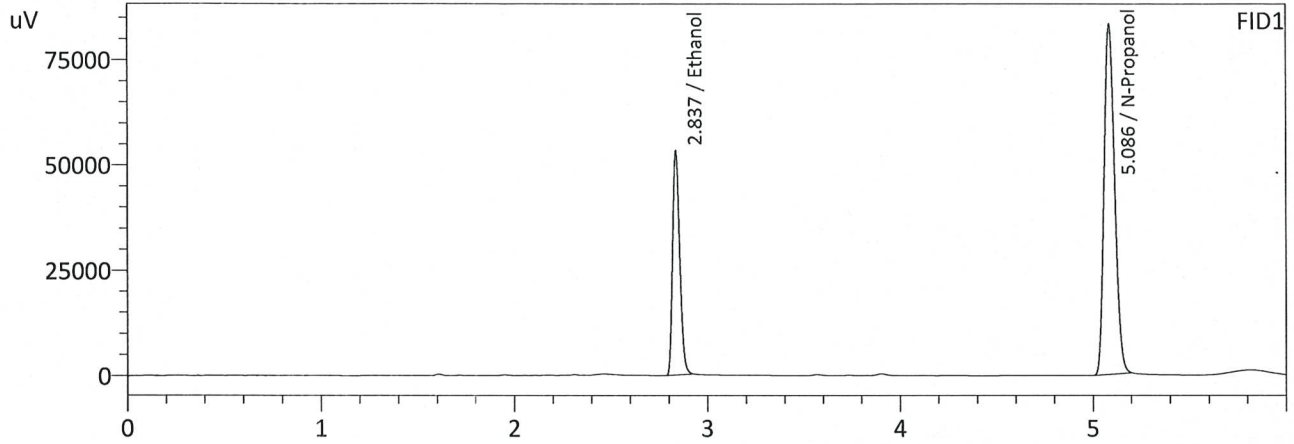
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.199	0.189	0.209	0.010

	Reported Results	
	0.199	

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 11:21:54 PM
 Vial # : 52
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

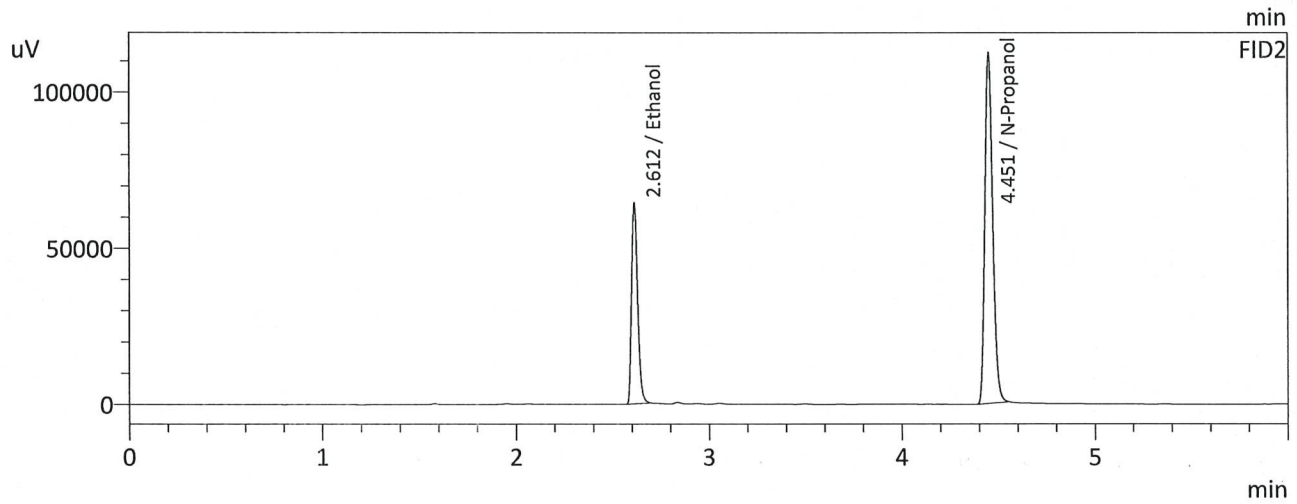
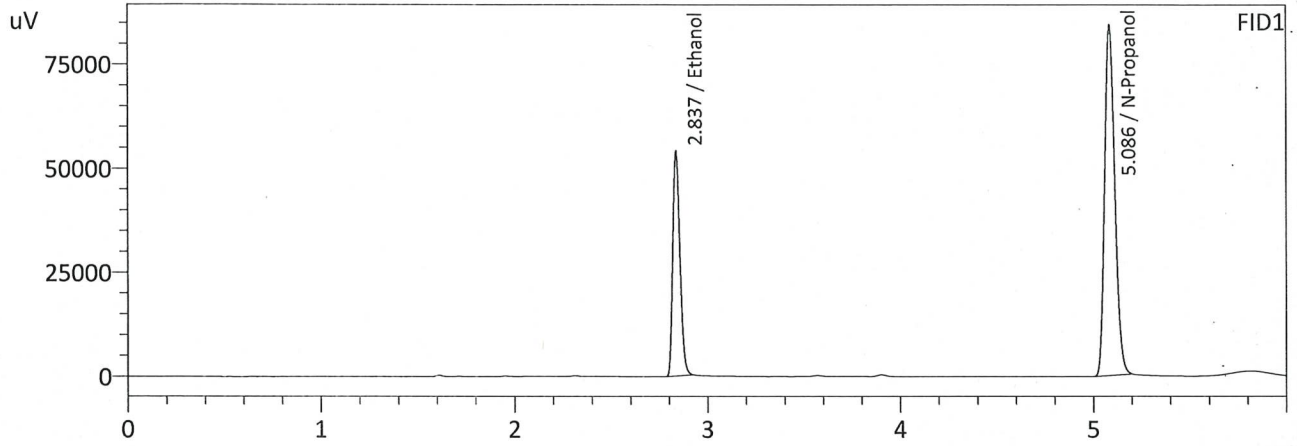
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1998	136744	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	311672	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1987	140287	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	316970	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-2-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 11:32:39 PM
 Vial # : 53
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

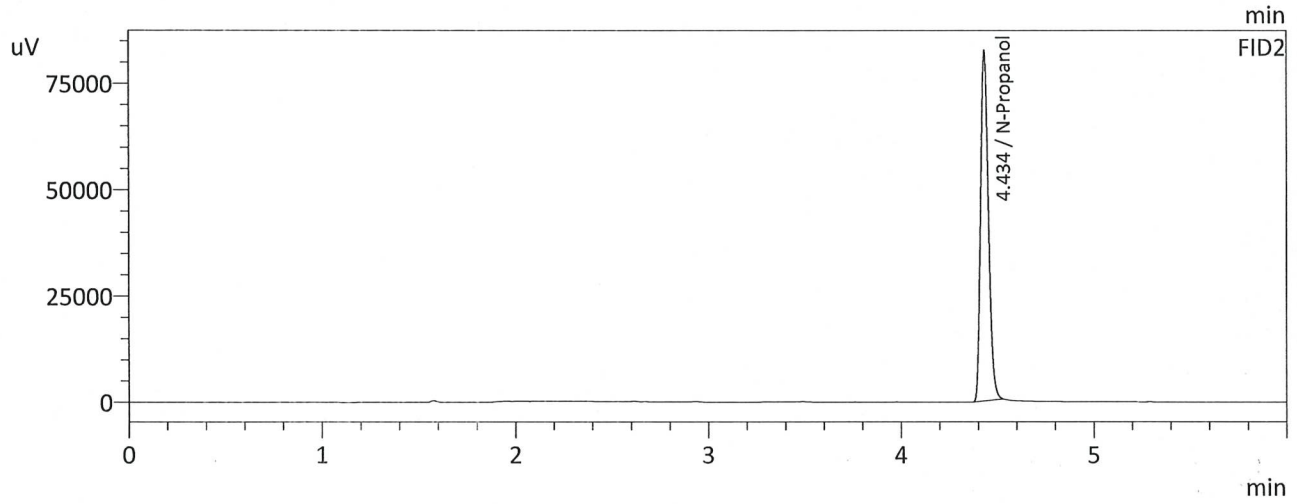
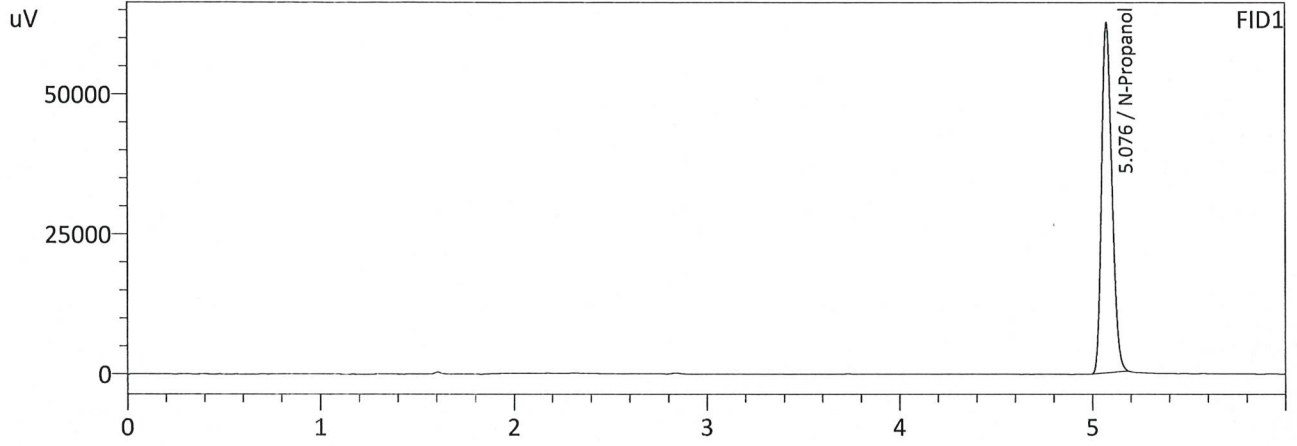
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2009	138845	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	314758	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1995	142406	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	320364	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 3:08:01 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

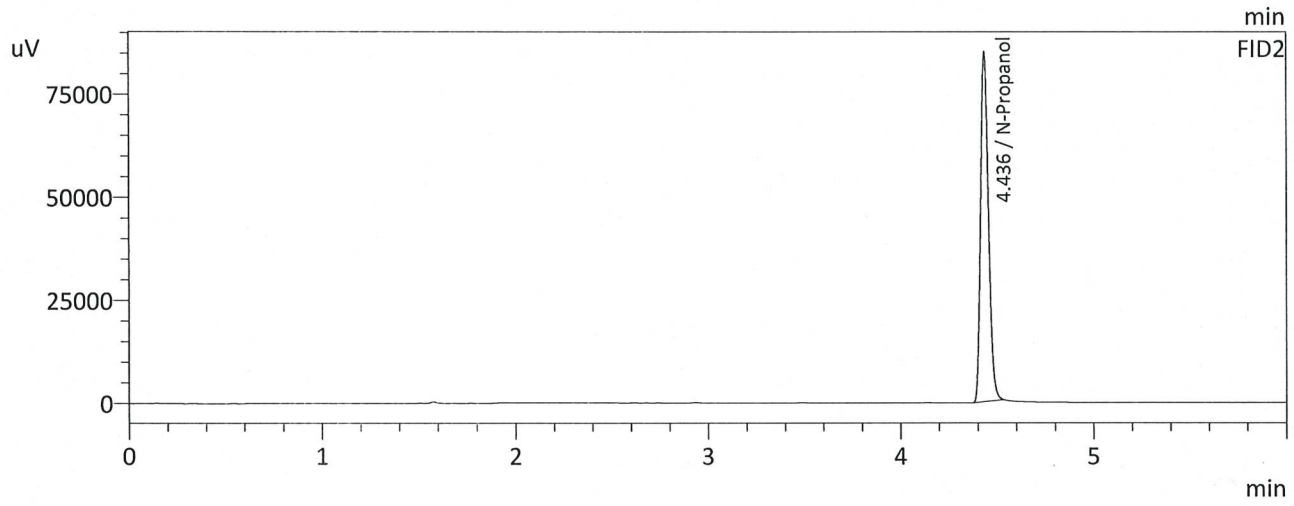
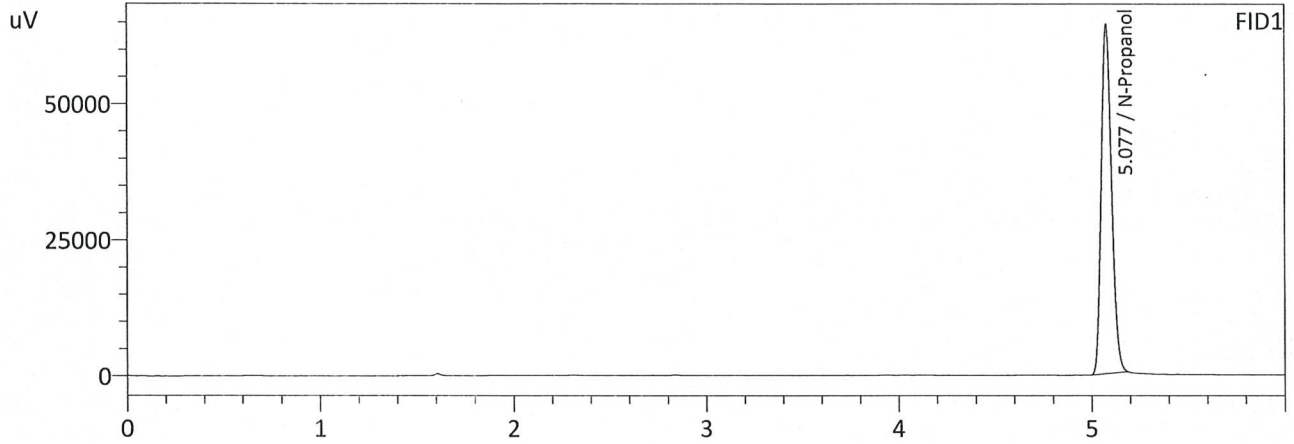
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	233598	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	235140	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 4:06:14 PM
 Vial # : 7
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

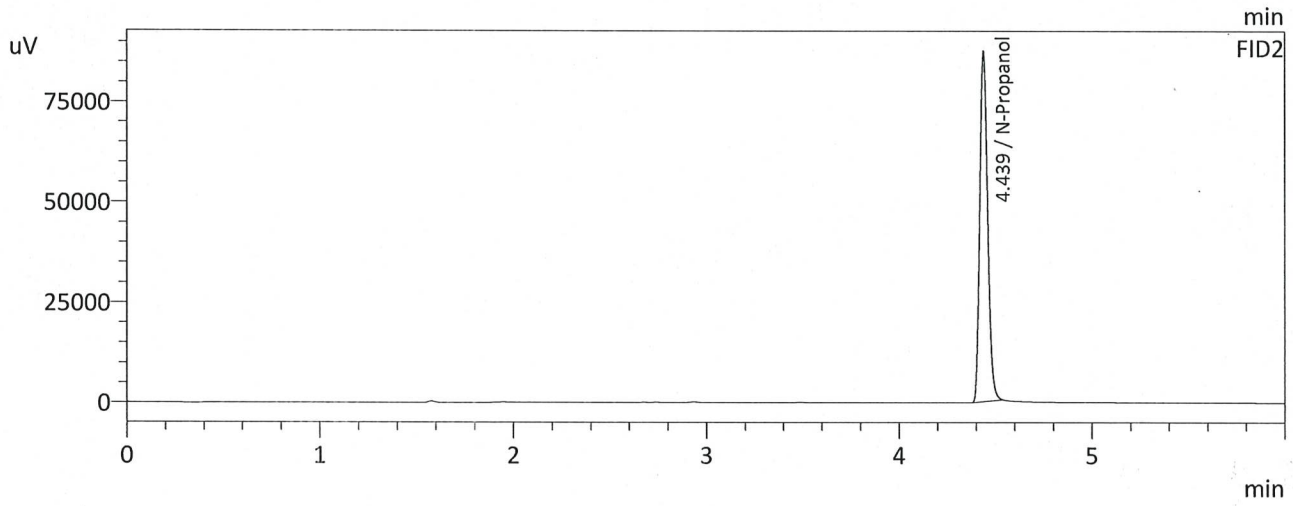
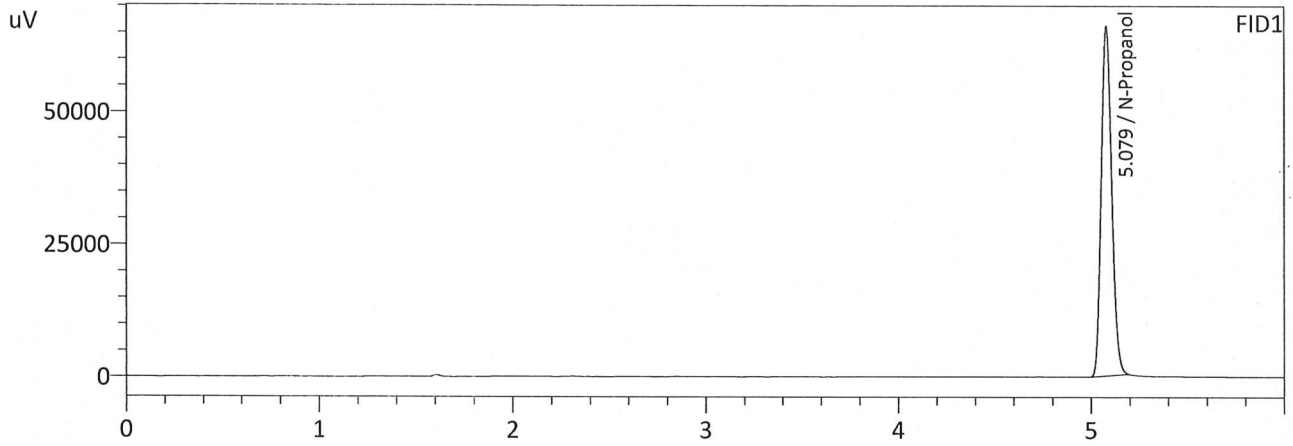
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	240048	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	242727	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 4:25:38 PM
 Vial # : 9
 Method Filename : Default Project - ALCOHOL Long.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

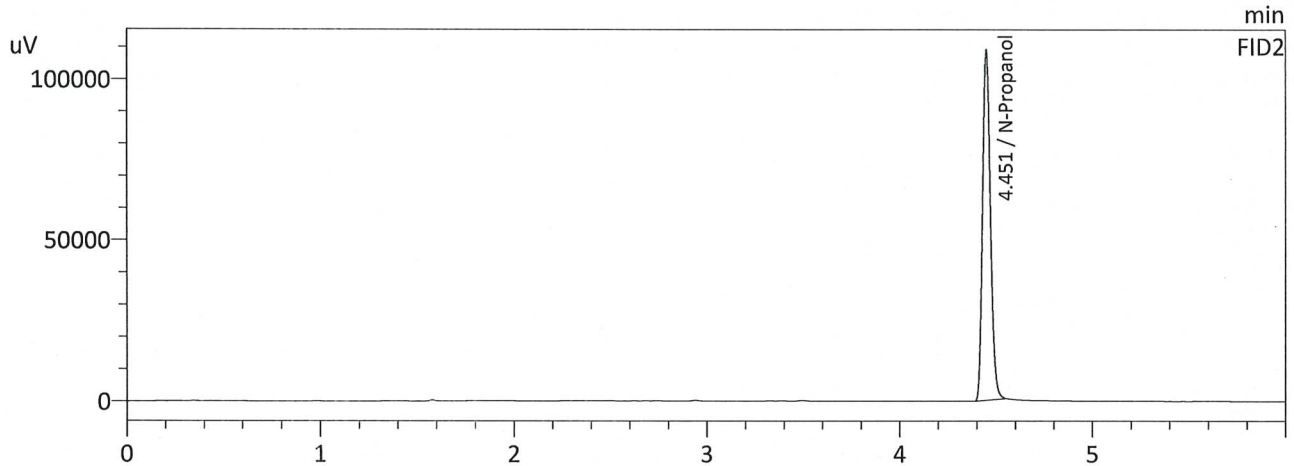
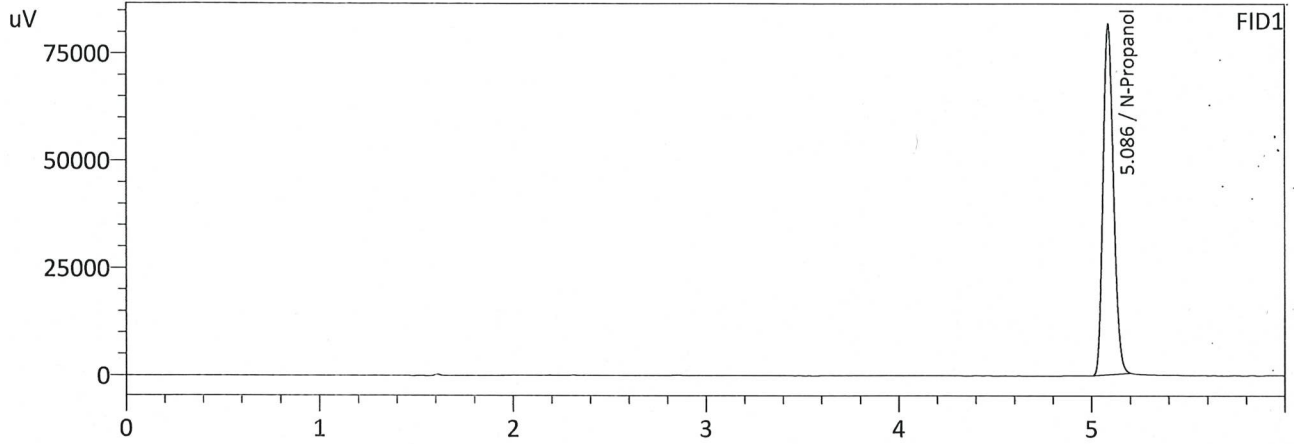
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	247323	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	250160	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
 Laboratory : Coeur d' Alene Lab
 Injection Date : 7/18/2023 11:41:10 PM
 Vial # : 54
 Method Filename : Default Project - ALCOHOL Long.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	305709	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	310428	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc