

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 9/6/23 SEQUENCE NAME 06Sep23

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN11172002 0.99994
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD Lab 011823WB
6	Volatiles mix	6 compounds	6 compounds	SPD Lab 050721MIX
7	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/11
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.397 g/dL	Lipomed 30012020-A
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/11
45	Blank	Not detected	Not detected	SPD Lab 060223AQ

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Philip B... Analyst
 Run valid Run invalid Erika Canonico Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

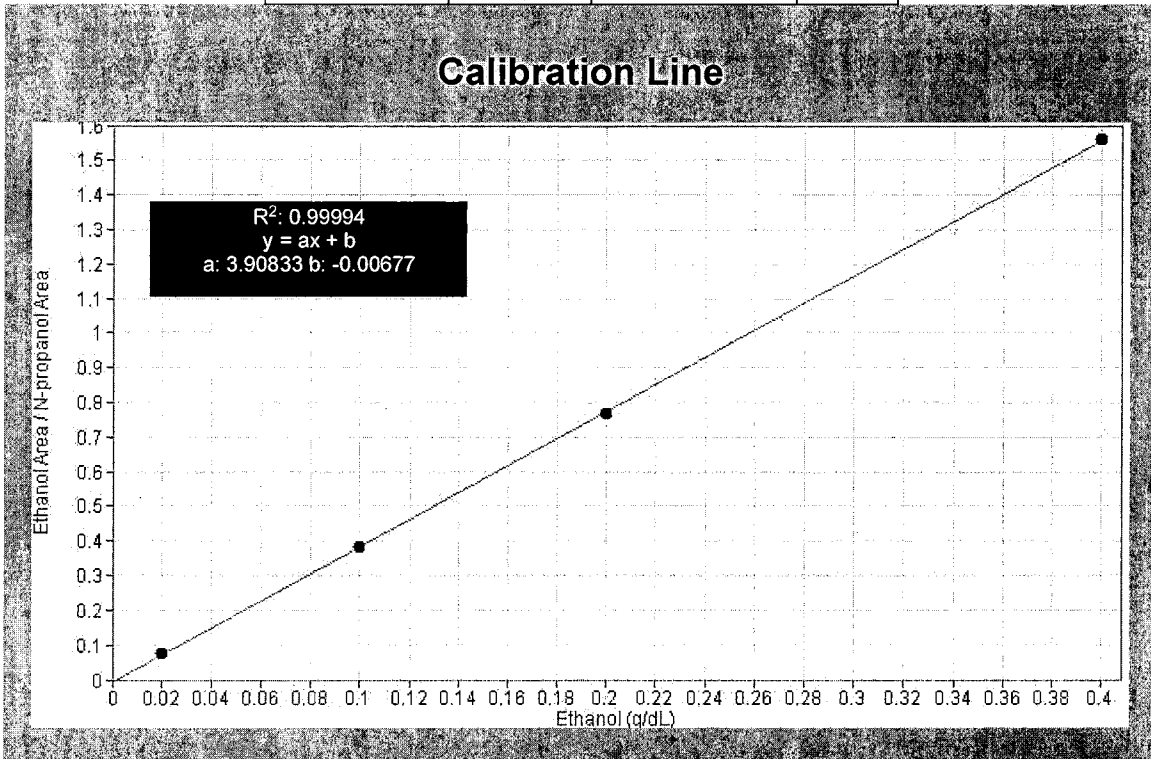
SEQUENCE NAME: 06Sep23

ANALYST: Brooke B

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 011823WB	5	negative	negative	-	-
0.400 30012020-A	7	0.399	0.400	0.25	-0.001
0.040 14082019-B	8	0.042	0.040	5.00	0.002
0.199 4110320133/11	9	0.203	0.199	2.01	0.004
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.080 20012020-B	31	0.081	0.080	1.25	0.001
0.400 30012020-A	42	0.397	0.400	0.75	-0.003
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.199 4110320133/11	44	0.203	0.199	2.01	0.004
blank 060223AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.961	157.776	0.076
0.100	60.024	156.800	0.383
0.200	120.122	156.324	0.768
0.400	243.194	155.903	1.560

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03122113	Vial: 1
Description: 0.020 calibrator	Sequence: 06Sep23
Method: ethanol quant.M	Injection date: 9/6/2023 12:31:47 PM
Instrument: US14173023 CN14160045	Analyst: Brooke PB
Data file: C:\Chem32\1\Data\06Sep23\1.D	

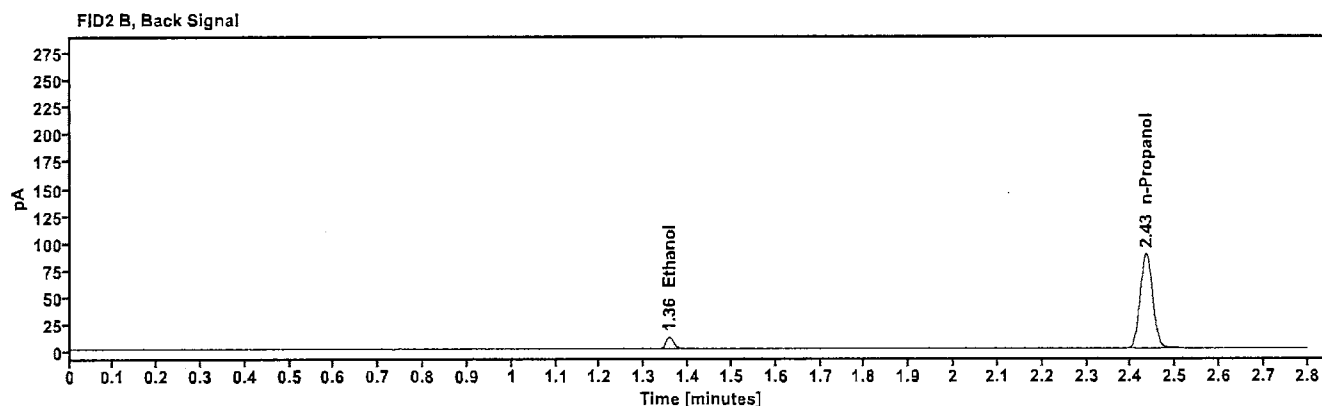
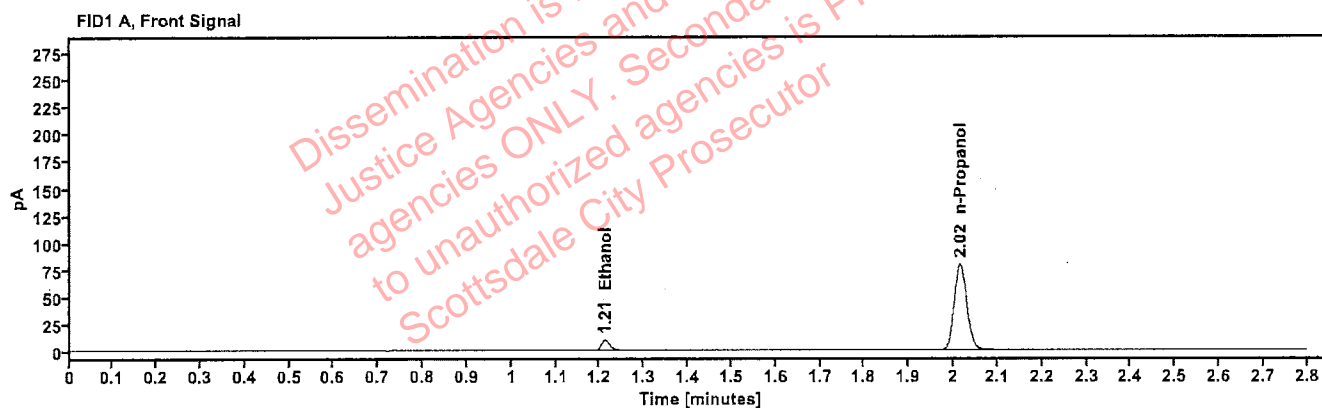


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.961
n-Propanol	2.015	157.776

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	13.114
n-Propanol	2.434	172.397

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN11172002	Vial: 2
Description: 0.100 calibrator	Sequence: 06Sep23
Method: ethanol quant.M	Injection date: 9/6/2023 12:35:48 PM
Instrument: US14173023 CN14160045	Analyst: Brooke RB
Data file: C:\Chem32\1\Data\06Sep23\2.D	

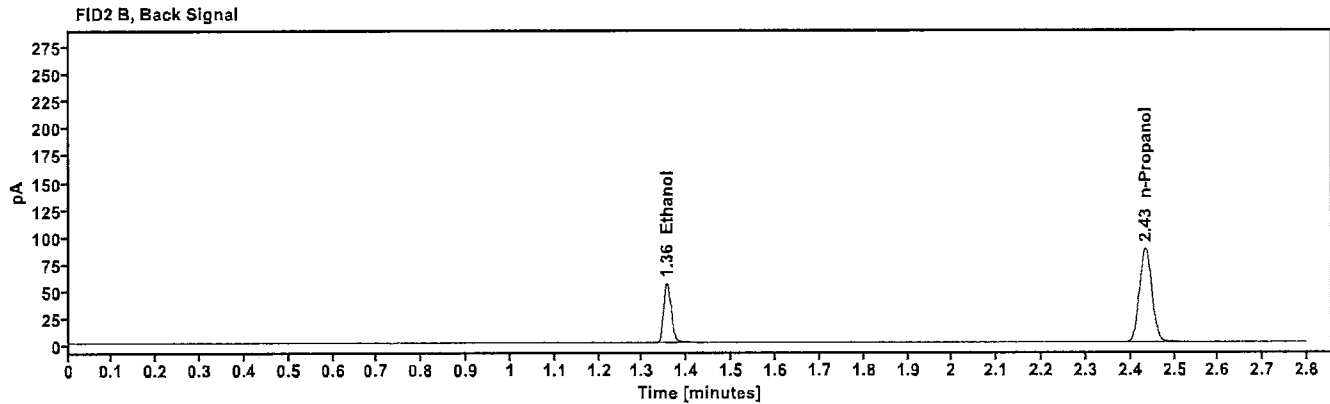
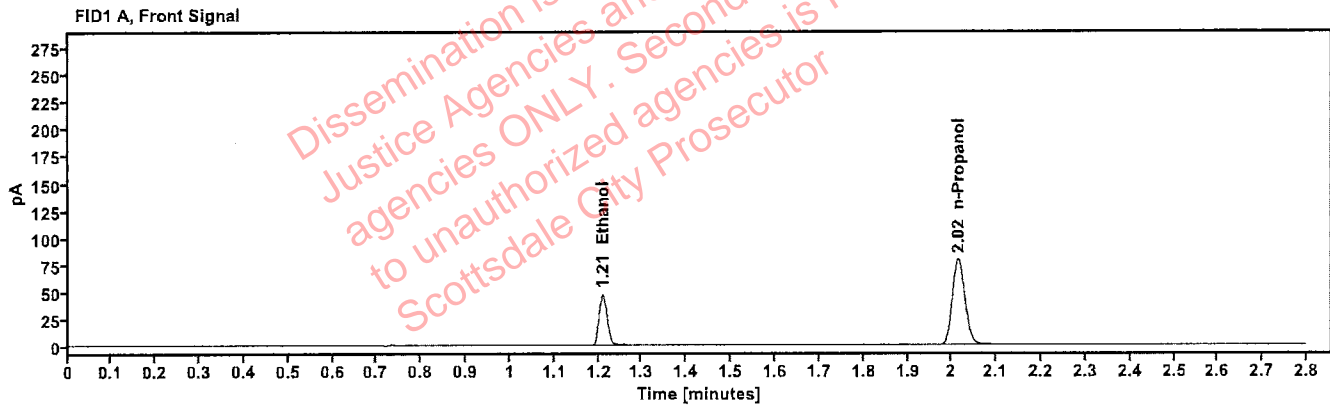


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	60.024
n-Propanol	2.015	156.800

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	65.911
n-Propanol	2.434	171.319

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03132302	Vial: 3
Description: 0.200 calibrator	Sequence: 06Sep23
Method: ethanol quant.M	Injection date: 9/6/2023 12:39:47 PM
Instrument: US14173023 CN14160045	Analyst: Brooke <i>JB</i>
Data file: C:\Chem32\1\Data\06Sep23\3.D	

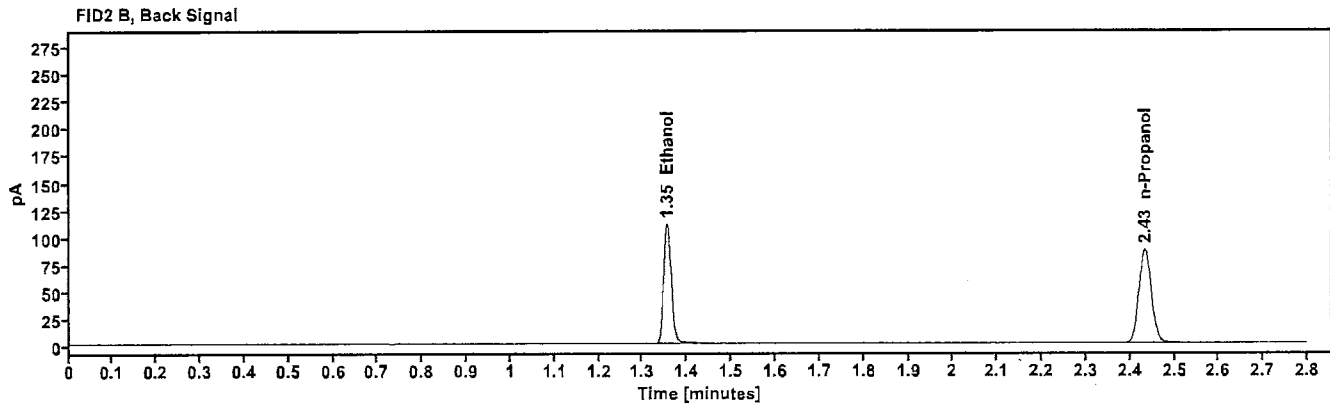
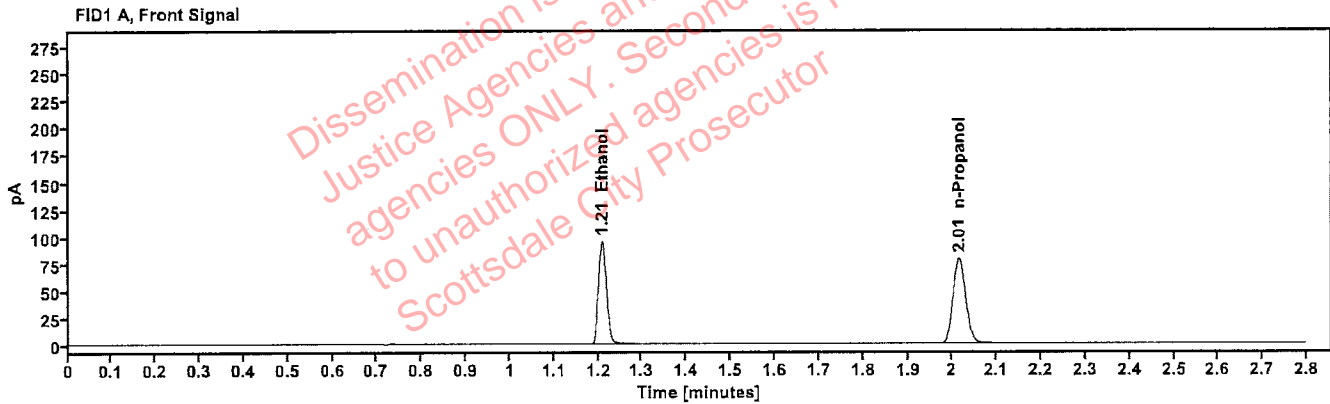


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	120.122
n-Propanol	2.015	156.324

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	131.877
n-Propanol	2.434	170.750

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 06Sep23
Method: ethanol quant.M	Injection date: 9/6/2023 12:43:47 PM
Instrument: US14173023 CN14160045	Analyst: Brooke <i>AB</i>
Data file: C:\Chem32\1\Data\06Sep23\4.D	

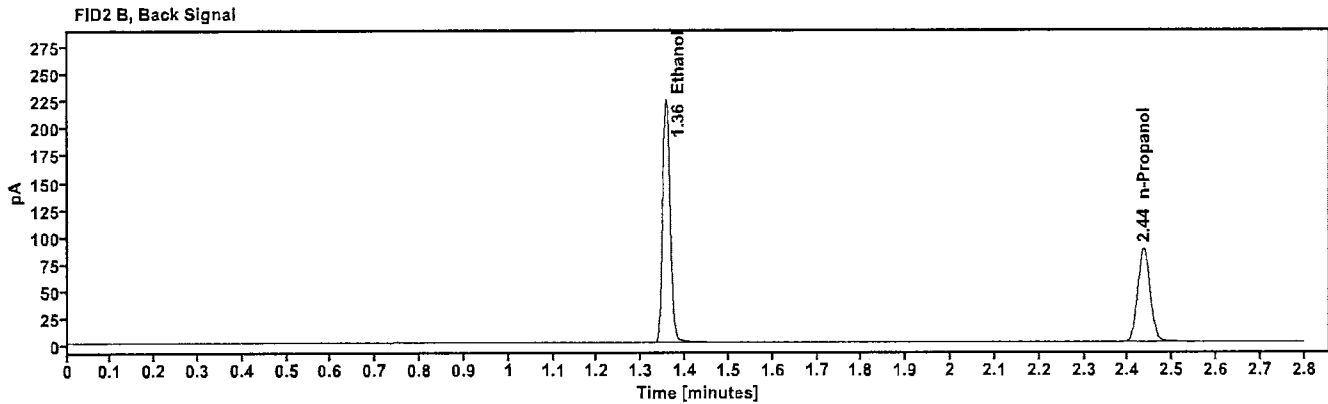
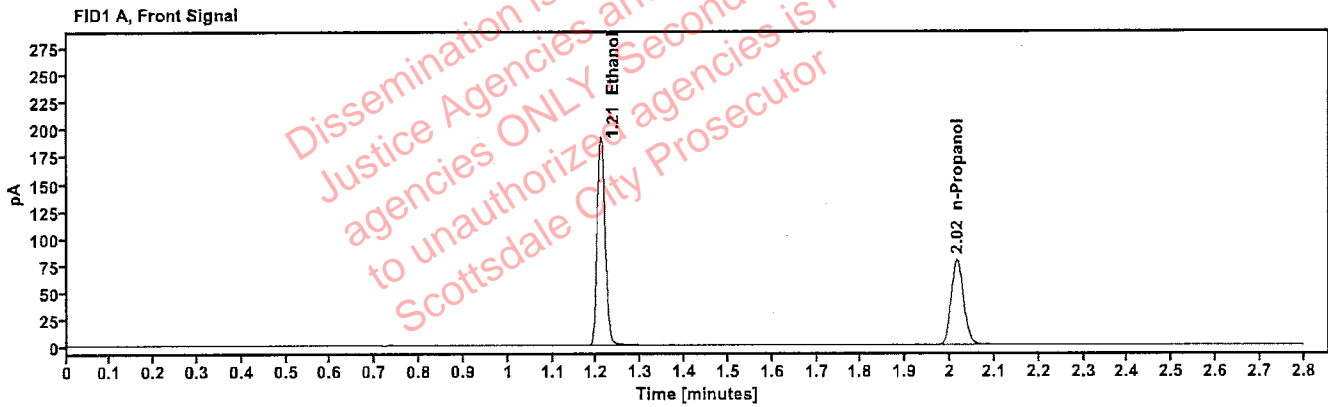


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	243.194
n-Propanol	2.016	155.903

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	267.997
n-Propanol	2.435	170.242

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	011823WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 12:47:47 PM
Data file:	C:\Chem32\1\Data\06Sep23\5.D	Analyst:	Brooke

AB

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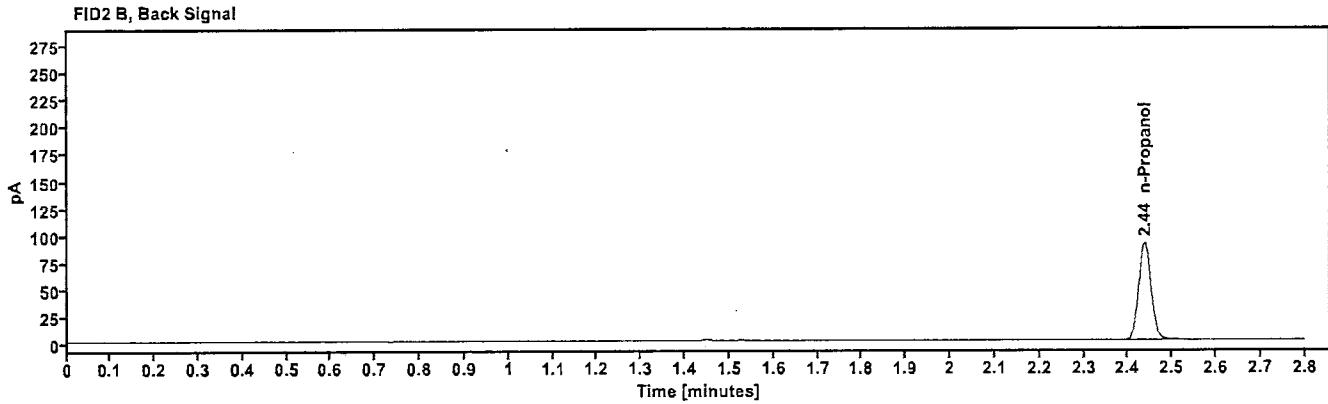
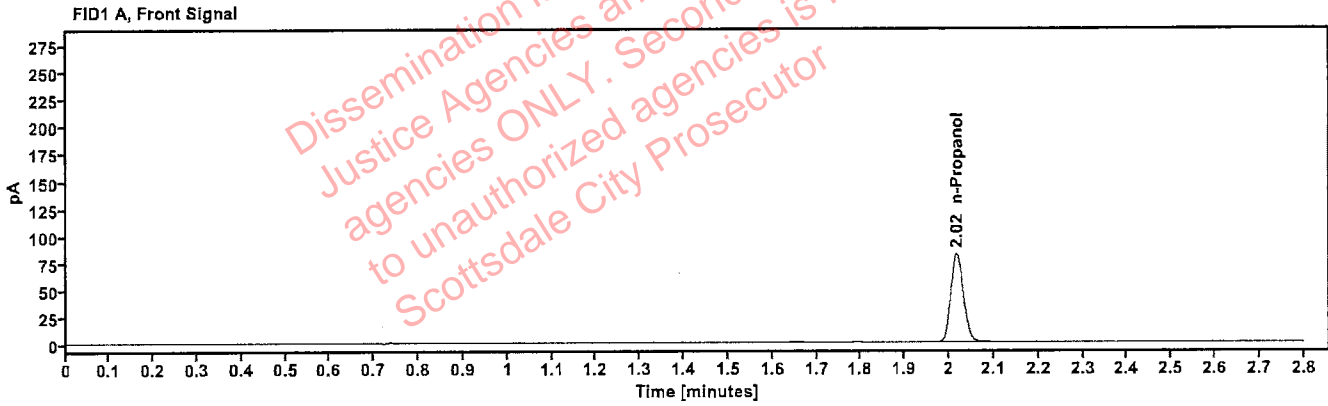


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.017	162.235

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.437	177.192

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 12:51:47 PM
Data file:	C:\Chem32\1\Data\06Sep23\6.D	Analyst:	Brooke PB

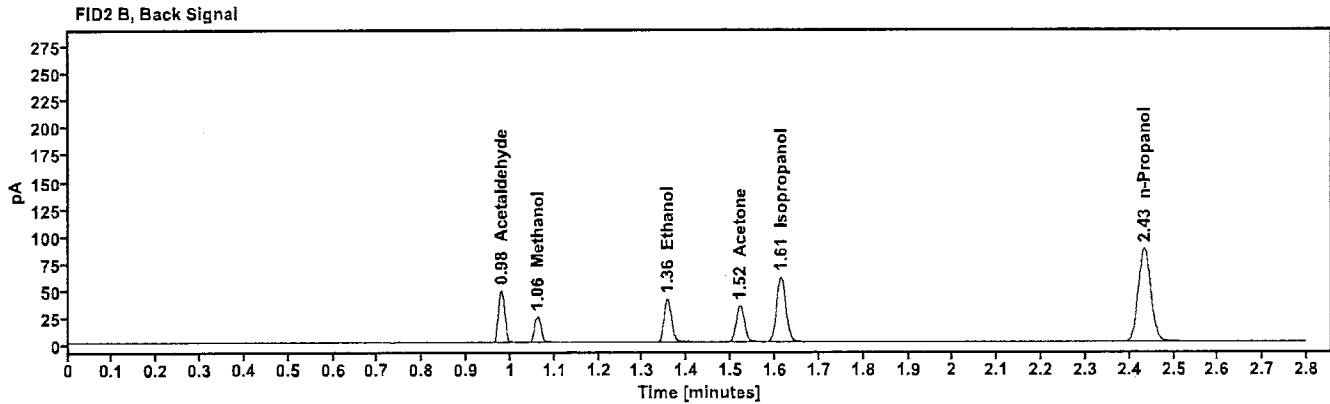
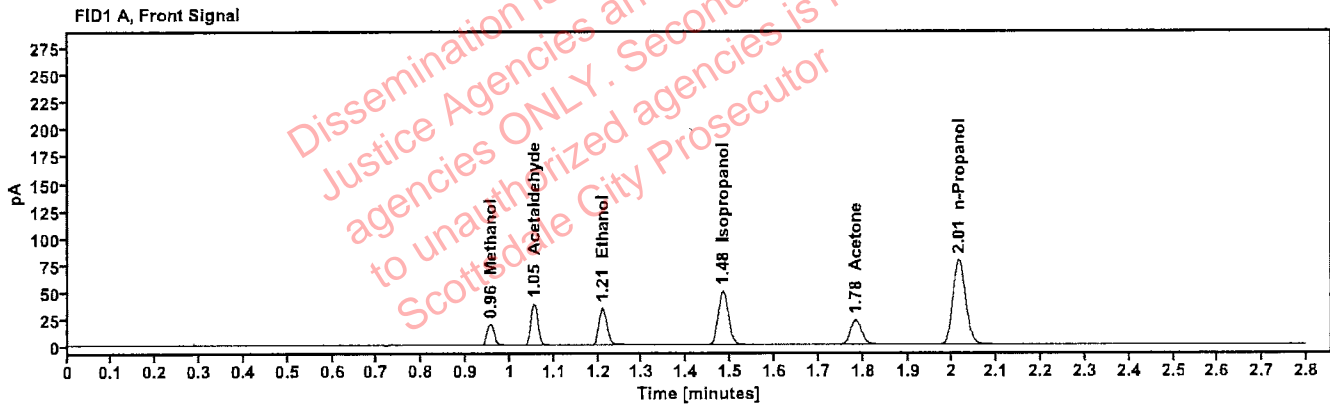


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	22.238
Acetaldehyde	-----	1.054	42.141
>Ethanol	0.0736	1.210	43.701
Isopropanol	-----	1.483	79.811
Acetone	-----	1.783	39.535
n-Propanol	-----	2.015	155.644

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.979	47.195
Methanol	1.061	24.743
Ethanol	1.355	47.842
Acetone	1.520	43.551
Isopropanol	1.614	88.455
n-Propanol	2.433	170.052

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 12:56:03 PM
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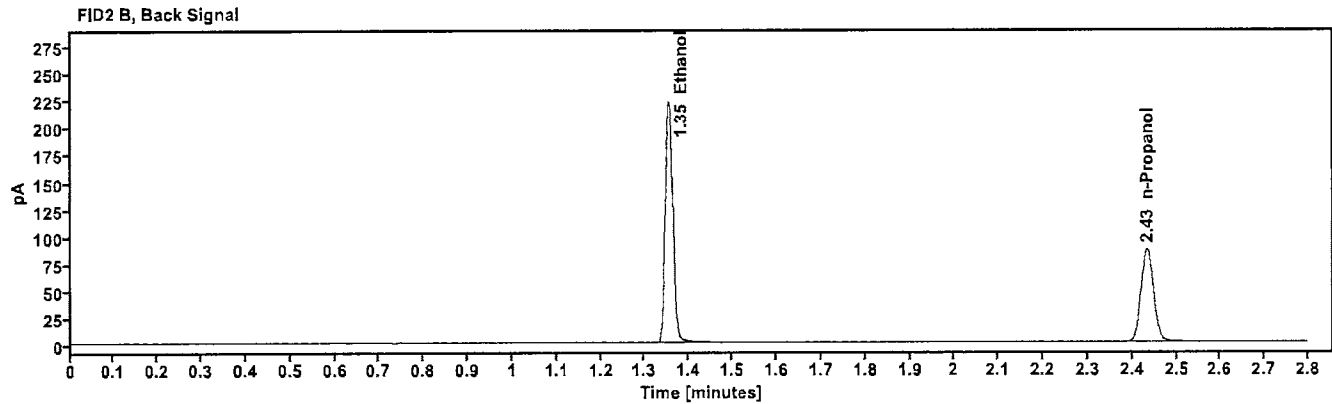
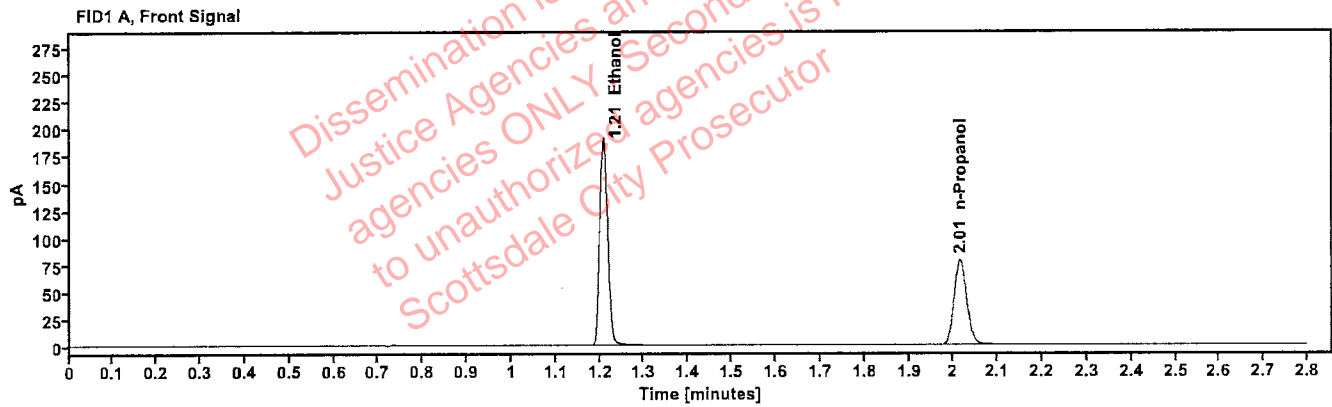


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3996	1.208	241.558
n-Propanol	-----	2.015	155.324

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	266.106
n-Propanol	2.434	169.765

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:00:03 PM
Data file:	C:\Chem3211\Data\06Sep23\8.D	Analyst:	Brooke

AB

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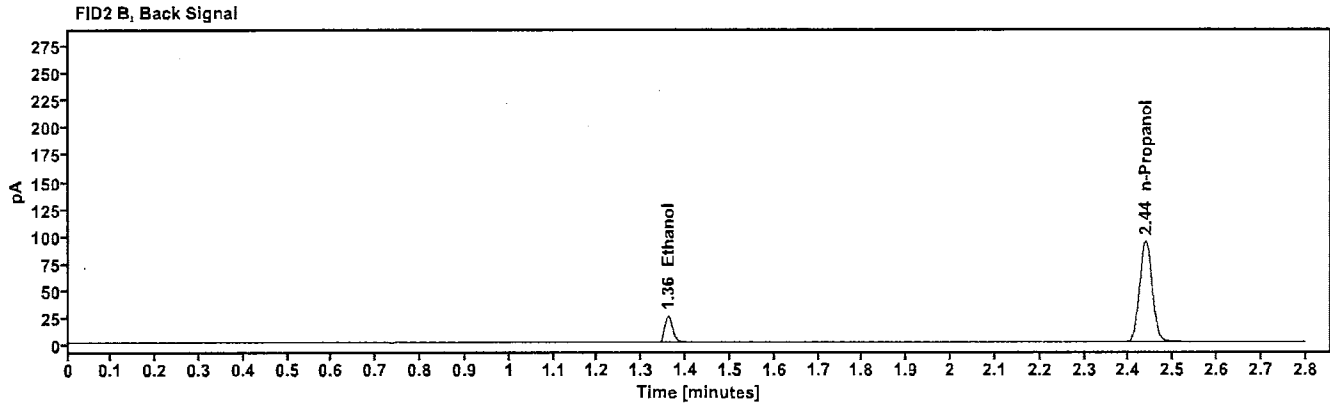
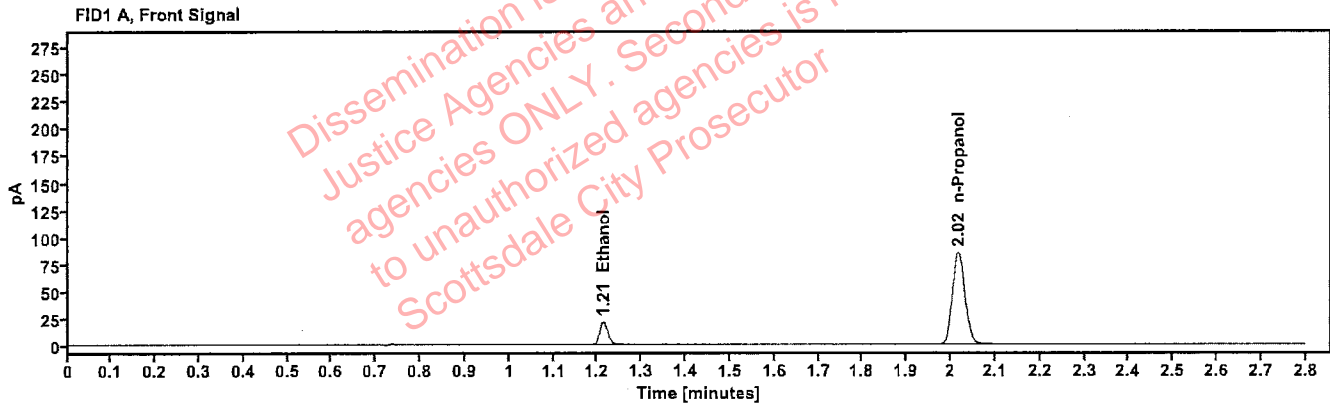


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0426	1.213	27.014
n-Propanol	-----	2.018	169.019

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	29.694
n-Propanol	2.438	184.696

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/11	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:04:02 PM RB
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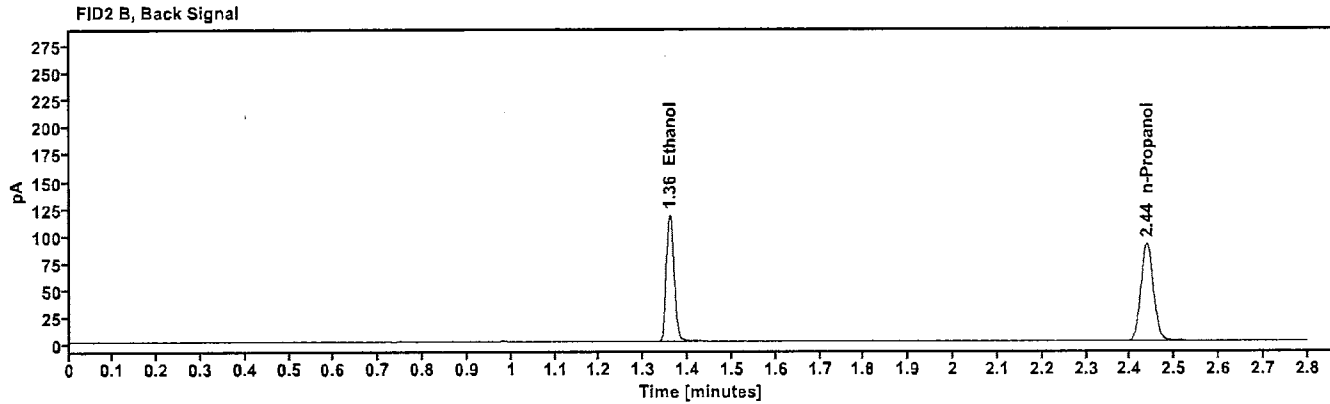
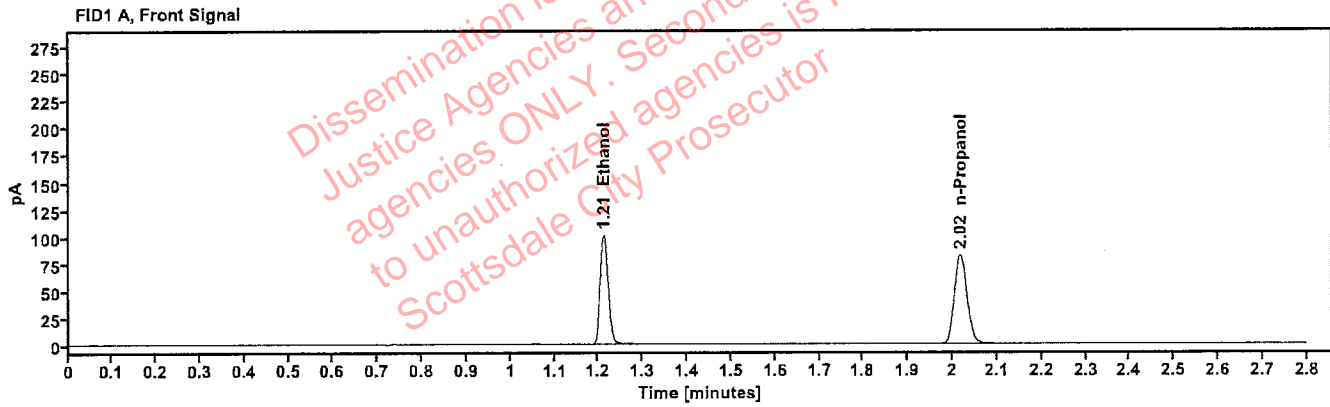


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2032	1.212	128.161
n-Propanol	-----	2.018	162.783

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	140.789
n-Propanol	2.438	177.822

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:48:33 PM
Data file:	C:\Chem32\1\Data\06Sep23\20.D	Analyst:	Brooke

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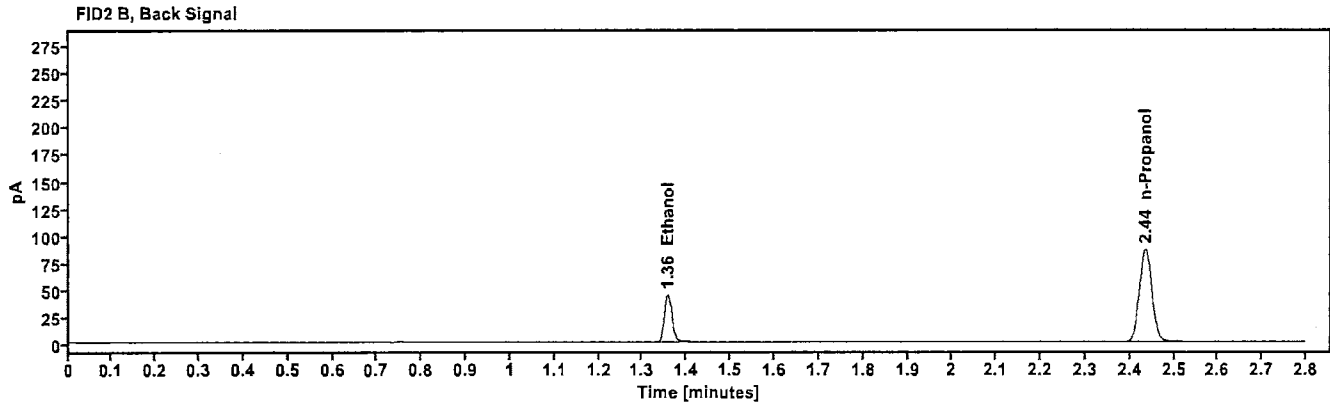
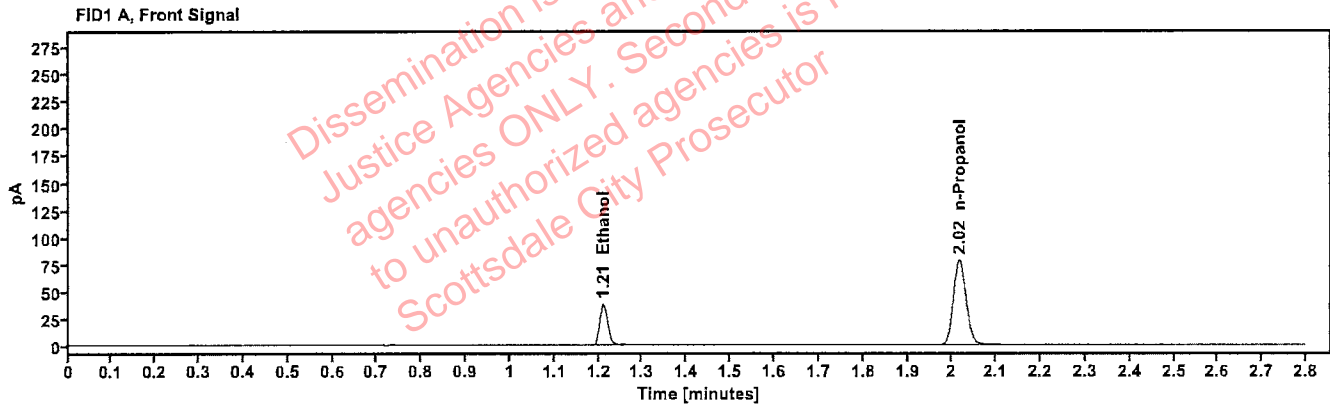


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.211	48.181
n-Propanol	-----	2.016	155.530

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	52.764
n-Propanol	2.436	169.464

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:33:02 PM
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TB

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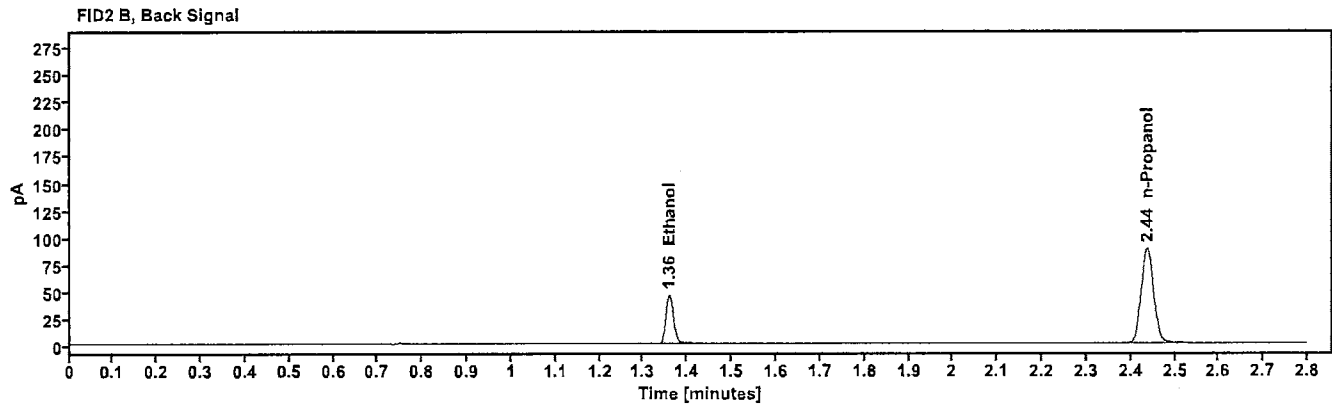
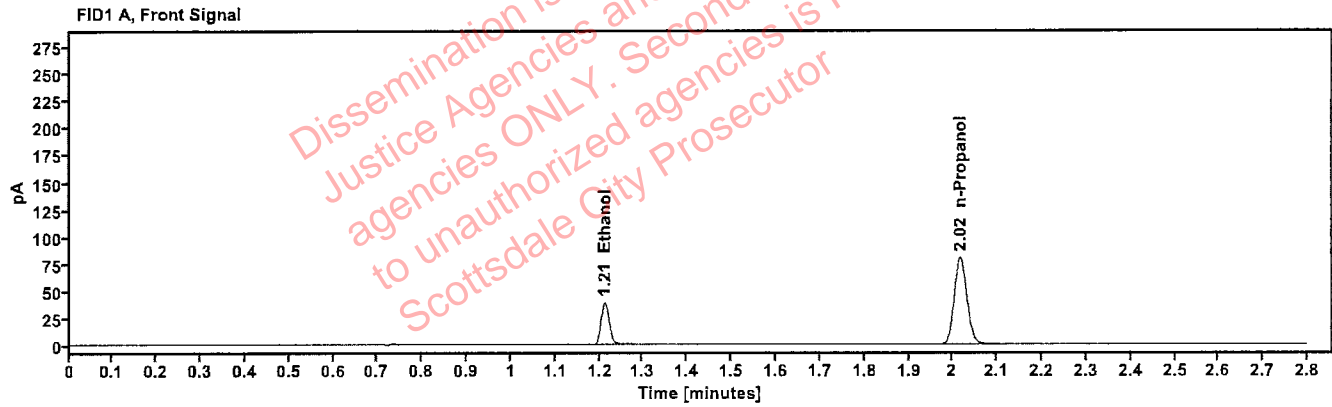


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0818	1.212	49.882
n-Propanol	-----	2.017	159.459

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	54.717
n-Propanol	2.437	174.015

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 3:17:18 PM
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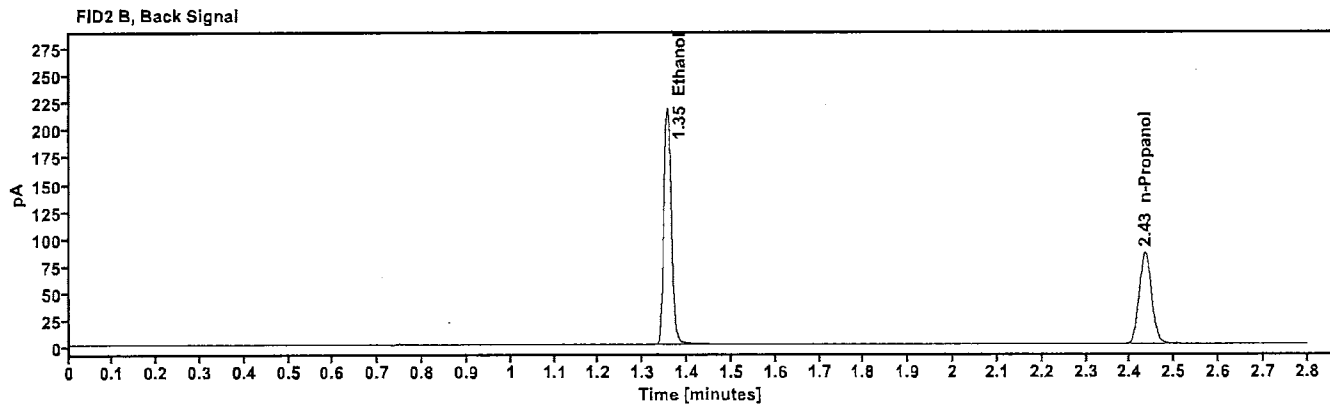
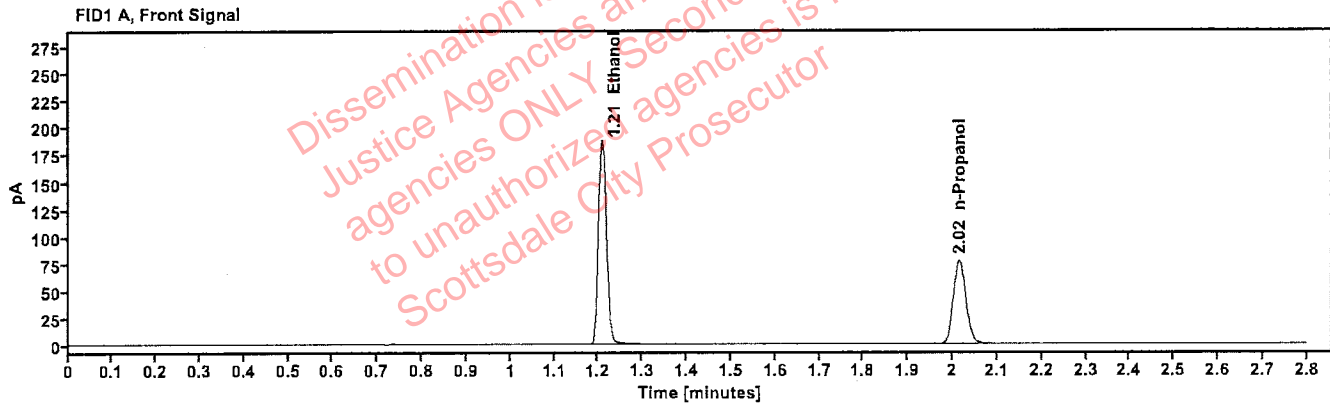


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3979	1.208	237.410
n-Propanol	-----	2.015	153.317

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	261.732
n-Propanol	2.434	167.516

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 3:21:33 PM
Data file:	C:\Chem3211\Data\06Sep23\43.D	Analyst:	Brooke

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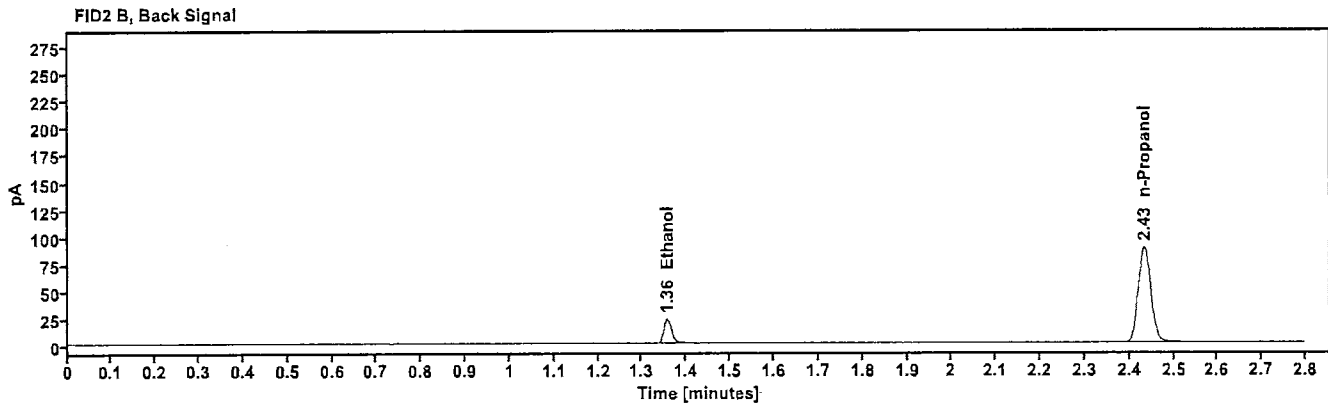
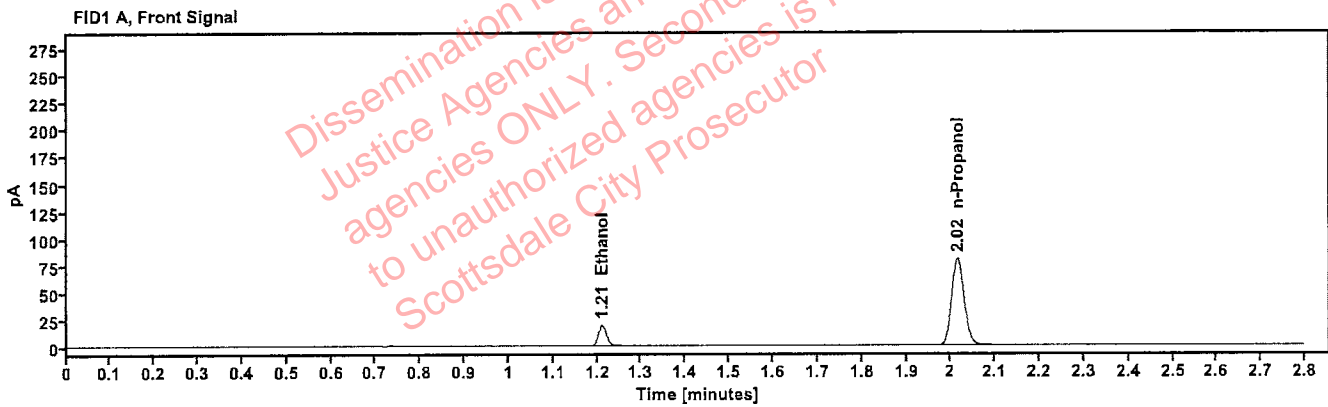


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0415	1.211	24.713
n-Propanol	-----	2.015	158.930

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	27.103
n-Propanol	2.434	173.809

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/11	Vial:	44
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 3:25:32 PM
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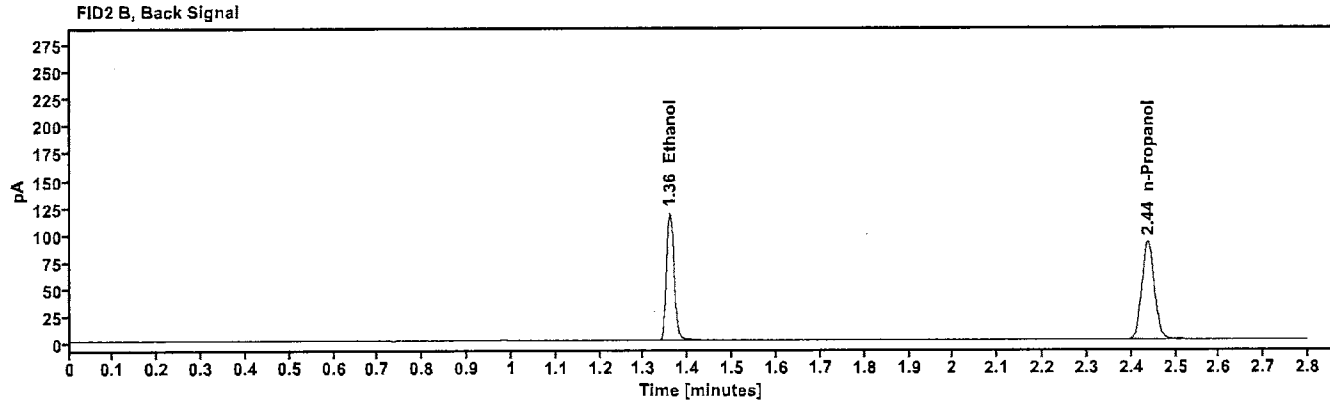
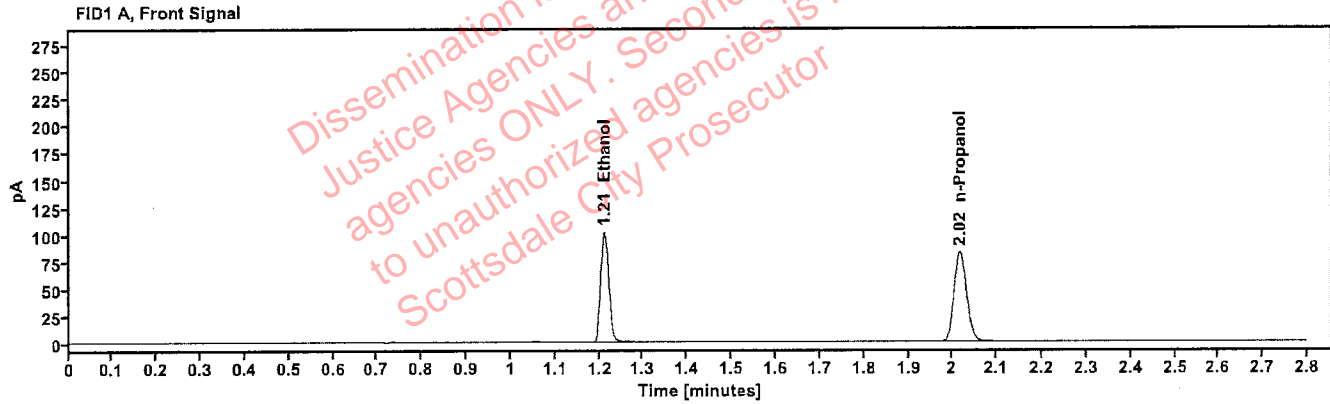


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2035	1.211	129.413
n-Propanol	----	2.017	164.098

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	142.031
n-Propanol	2.437	179.302

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	060223AQ	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 3:29:33 PM tas
Data file:	C:\Chem32\1\Data\06Sep23\45.D	Analyst:	Brooke

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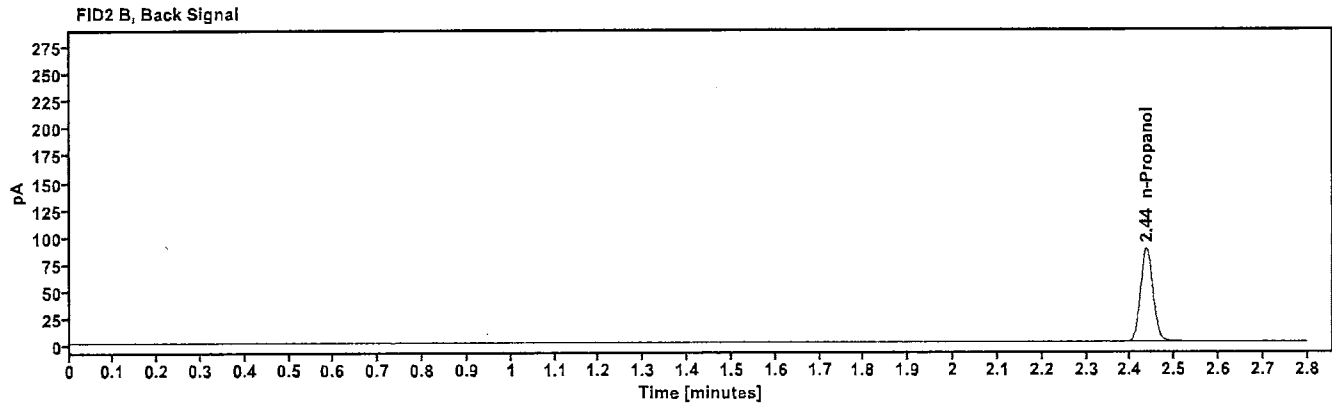
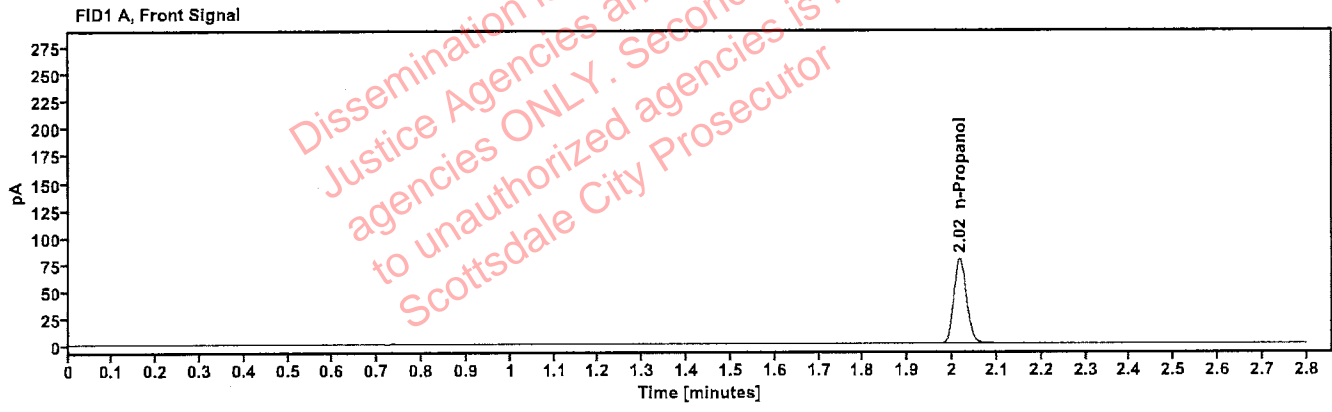


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	156.033

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.437	170.480

Sequence Summary

Sequence name: 06Sep23 Instrument: US14173023 CN14160045 Analyst: Brooke

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Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN11172002	0.100 calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	011823WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	30012020-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/11	0.199	Control		ethanol quant.M
10	2313508-30		Sample		ethanol quant.M
11	2313508-30		Sample		ethanol quant.M
12	404-09AL.R.		Sample		ethanol quant.M
13	404-09AL.R.		Sample		ethanol quant.M
14	331-01B.Y.		Sample		ethanol quant.M
15	331-01B.Y.		Sample		ethanol quant.M
16	409-01A.B.		Sample		ethanol quant.M
17	409-01A.B.		Sample		ethanol quant.M
18	411-1J.G.		Sample		ethanol quant.M
19	411-1J.G.		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	334-01I.B.		Sample		ethanol quant.M
22	334-01I.B.		Sample		ethanol quant.M
23	426-01G.E.		Sample		ethanol quant.M
24	426-01G.E.		Sample		ethanol quant.M
25	2317580-1		Sample		ethanol quant.M
26	2317580-1		Sample		ethanol quant.M
27	2317812-1		Sample		ethanol quant.M
28	2317812-1		Sample		ethanol quant.M
29	2317861-2		Sample		ethanol quant.M
30	2317861-2		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	2317832-2		Sample		ethanol quant.M
33	2317832-2		Sample		ethanol quant.M
34	2317871-1		Sample		ethanol quant.M
35	2317871-1		Sample		ethanol quant.M
36	2317939-1		Sample		ethanol quant.M
37	2317939-1		Sample		ethanol quant.M
38	2318100-1		Sample		ethanol quant.M
39	2318100-1		Sample		ethanol quant.M
40	2318182-3		Sample		ethanol quant.M
41	2318182-3		Sample		ethanol quant.M
42	30012020-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/11	0.199	Control		ethanol quant.M
45	060223AQ	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

BB

SEQUENCE NAME: 06Sep23

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0000	0.0000	0.00000	0.00	0.00000
12 13	0.0000	0.0000	0.00000	0.00	0.00000
14 15	0.0934	0.0931	0.09325	0.16	0.00015
16 17	0.1504	0.1516	0.15100	0.40	0.00060
18 19	0.1687	0.1677	0.16820	0.30	0.00050
21 22	0.1105	0.1095	0.11000	0.45	0.00050
23 24	0.2448	0.2442	0.24450	0.12	0.00030
25 26	0.1613	0.1617	0.16150	0.12	0.00020
27 28	0.0967	0.0973	0.09700	0.31	0.00030
29 30	0.2965	0.2948	0.29565	0.29	0.00085
32 33	0.2474	0.2487	0.24805	0.26	0.00065
34 35	0.3173	0.3169	0.31710	0.06	0.00020
36 37	0.2428	0.2457	0.24425	0.59	0.00145
38 39	0.4401	0.4426	0.44135	0.28	0.00125
40 41	0.0984	0.0968	0.09760	0.82	0.00080

*Calculated differences are differences from the mean of the two results.

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2313508-30	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:08:02 PM
Data file:	C:\Chem32\1\Data\06Sep23\10.D	Analyst:	Brooke

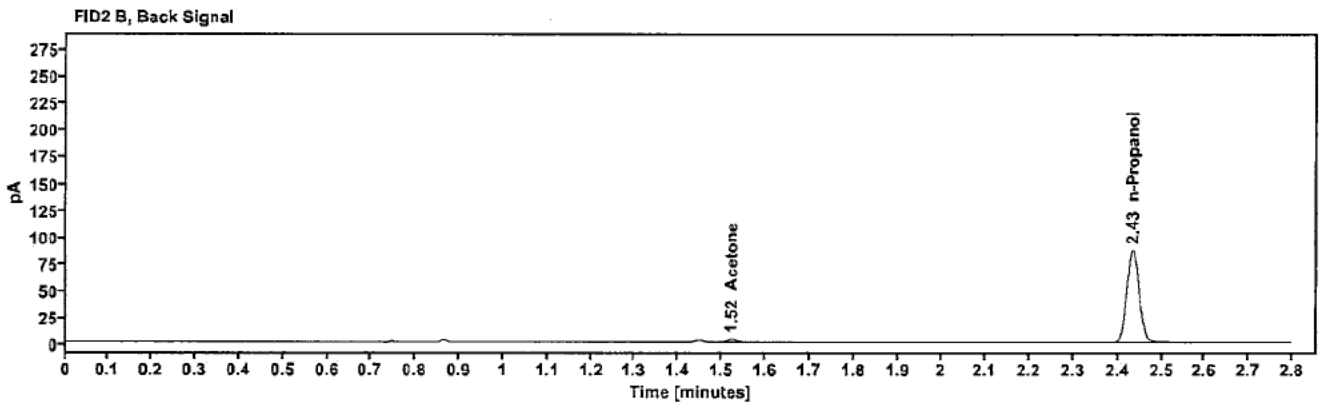
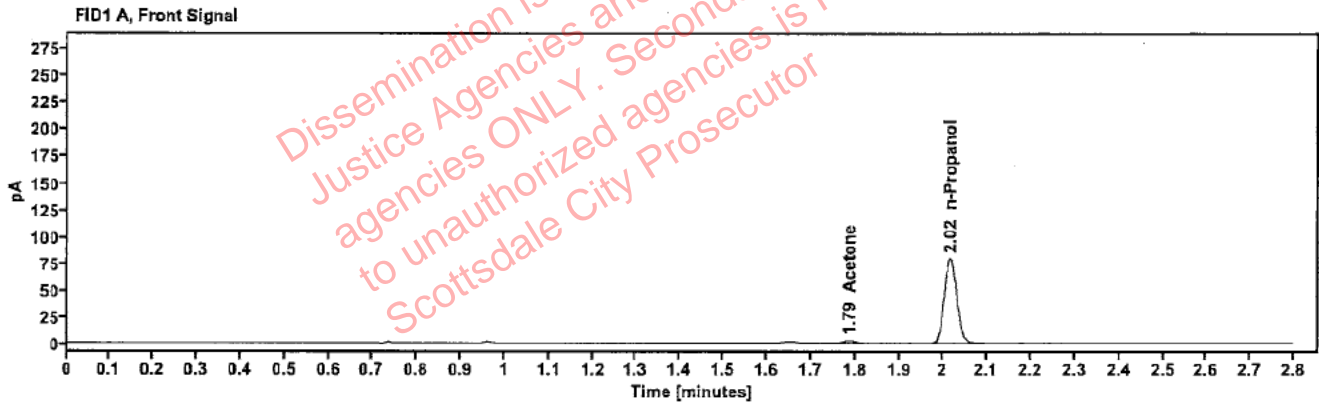


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetone	-----	1.787	4.151
n-Propanol	-----	2.016	157.299

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetone	1.522	4.582
n-Propanol	2.435	171.982

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2313508-30	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:12:03 PM
Data file:	C:\Chem32\1\Data\06Sep23\11.D	Analyst:	Brooke

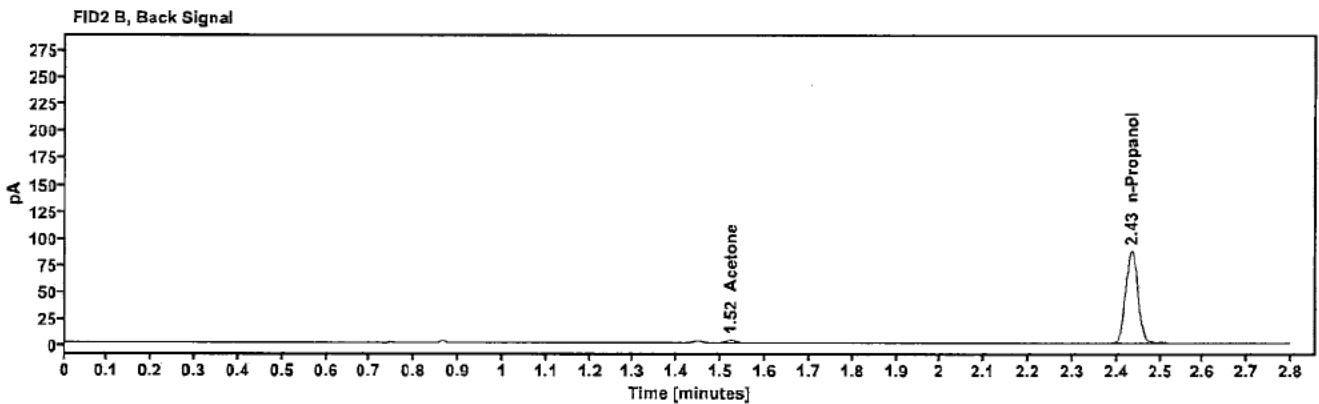
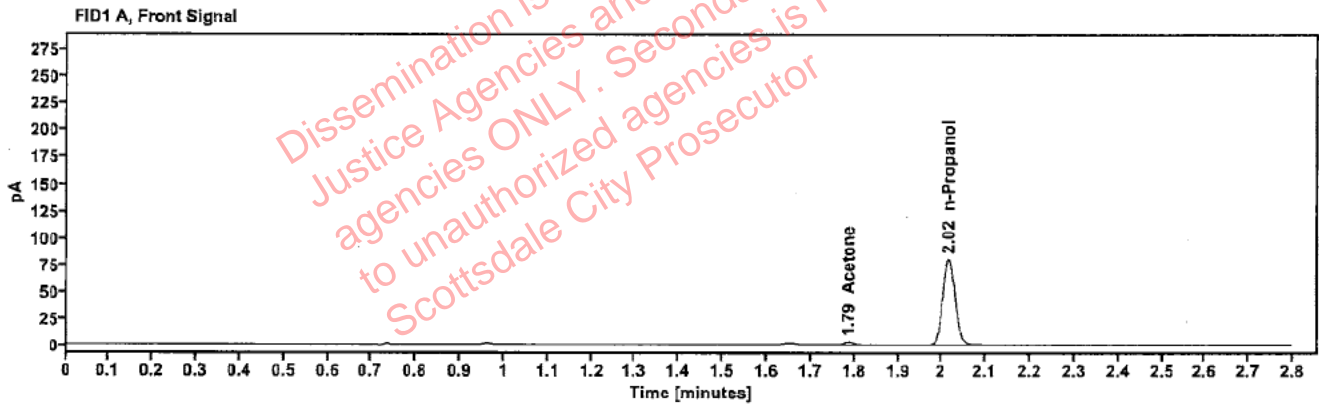


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetone	---	1.787	4.186
n-Propanol	---	2.016	158.098

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetone	1.522	4.730
n-Propanol	2.434	172.866

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-09AL.R.	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:16:02 PM
Data file:	C:\Chem32\1\Data\06Sep23\12.D	Analyst:	Brooke

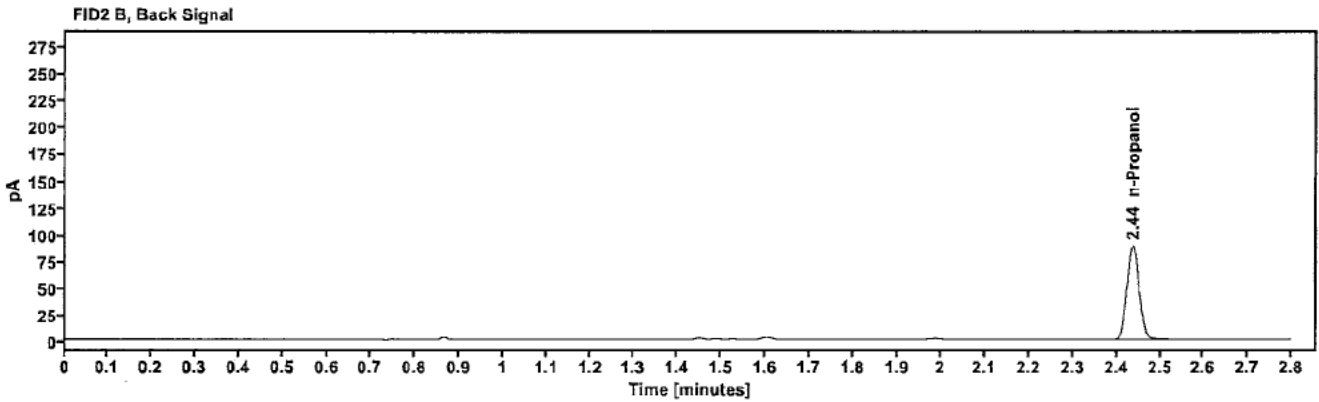
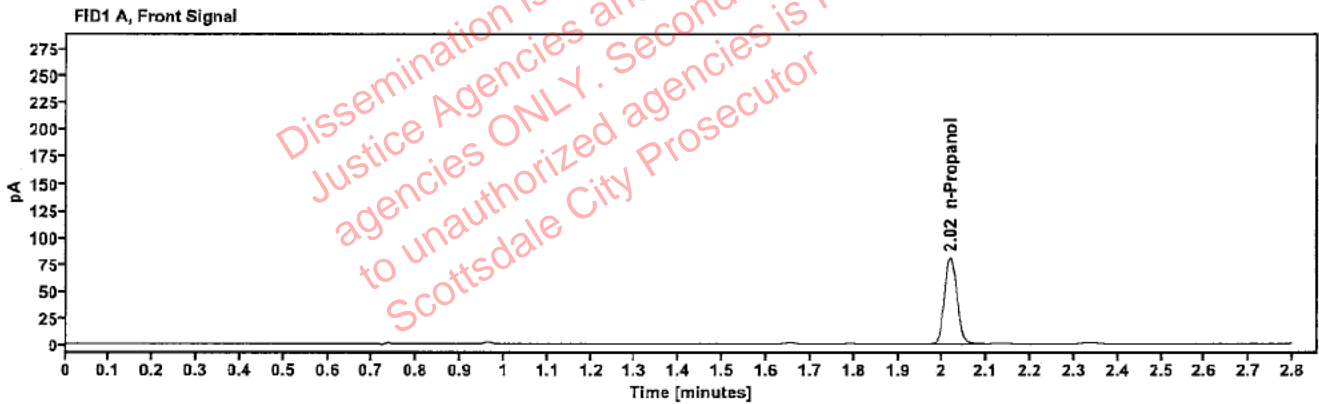


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.018	160.724

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.438	175.269

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-09ALR.	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:20:17 PM
Data file:	C:\Chem32\1\Data\06Sep23\13.D	Analyst:	Brooke

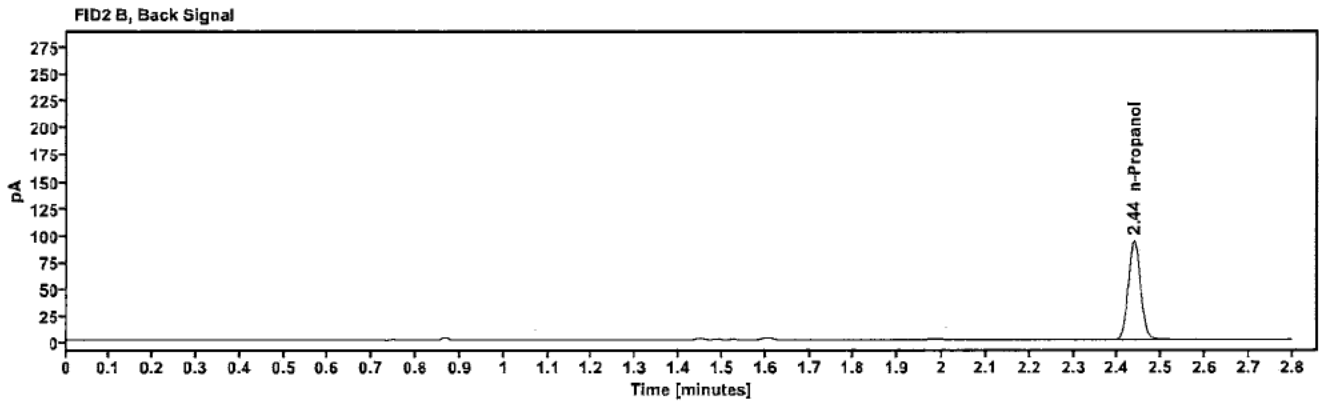
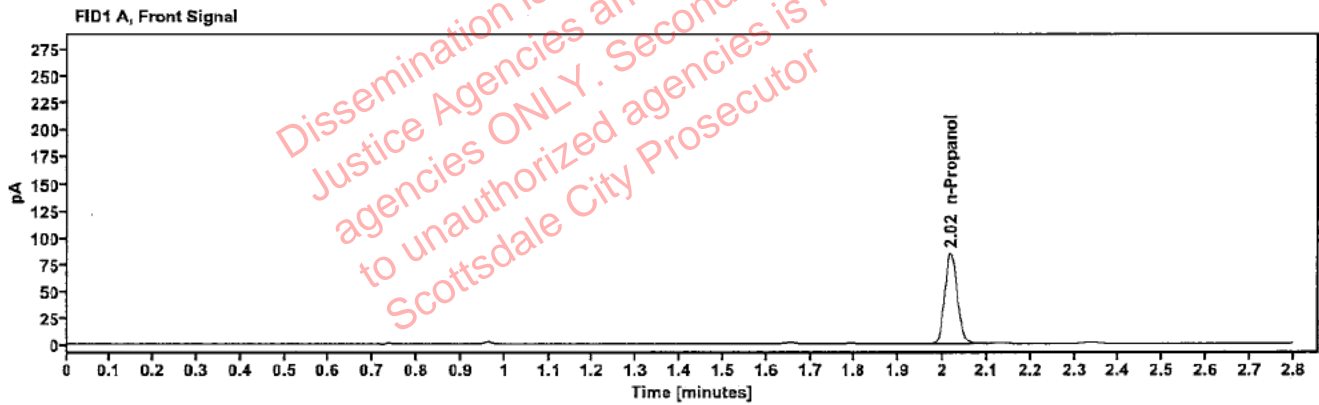


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.018	168.192

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.438	183.423

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	331-01B.Y.	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:24:18 PM
Data file:	C:\Chem32\1\Data\06Sep23\14.D	Analyst:	Brooke

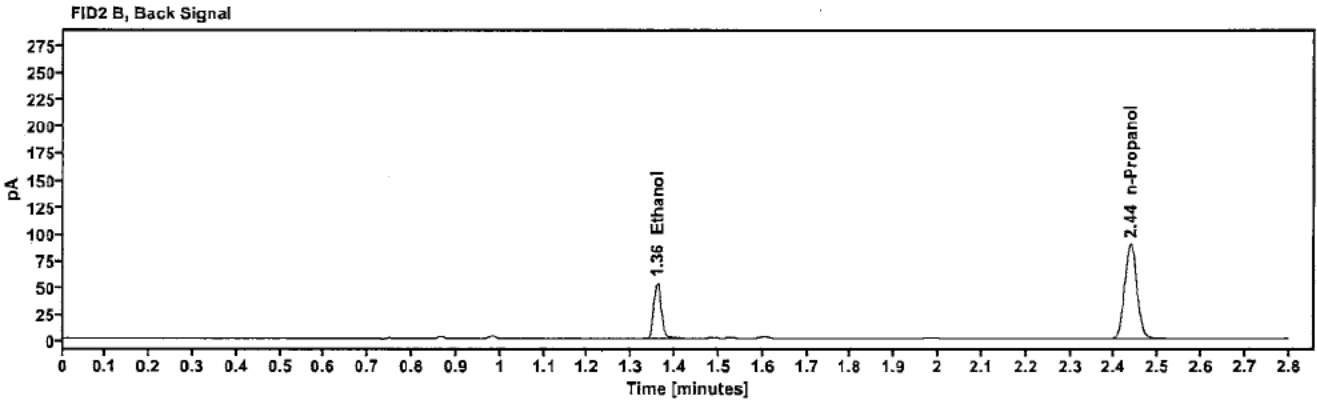
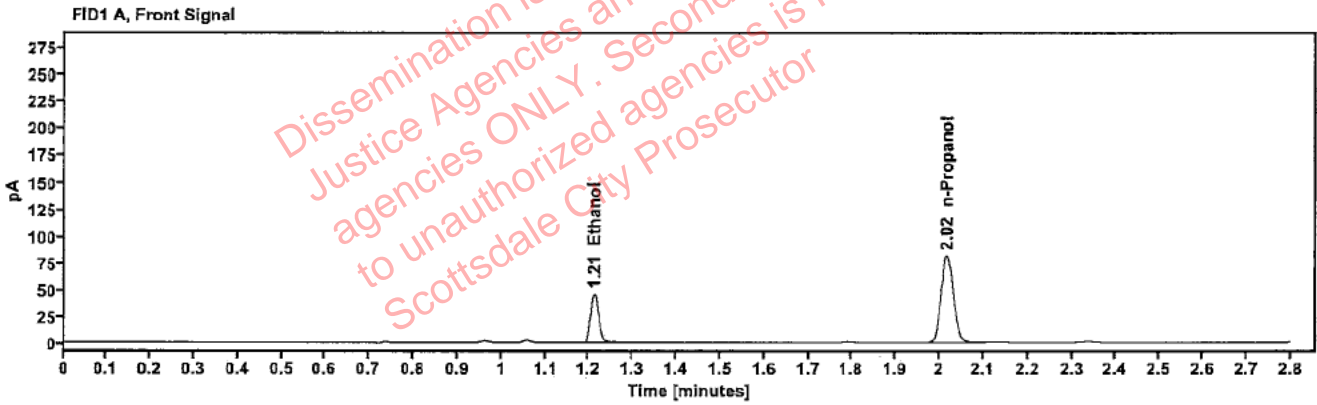


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0934	1.212	57.942
n-Propanol	-----	2.017	161.711

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	63.606
n-Propanol	2.437	176.246

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	331-01B.Y.	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:28:18 PM
Data file:	C:\Chem32\1\Data\06Sep23\15.D	Analyst:	Brooke

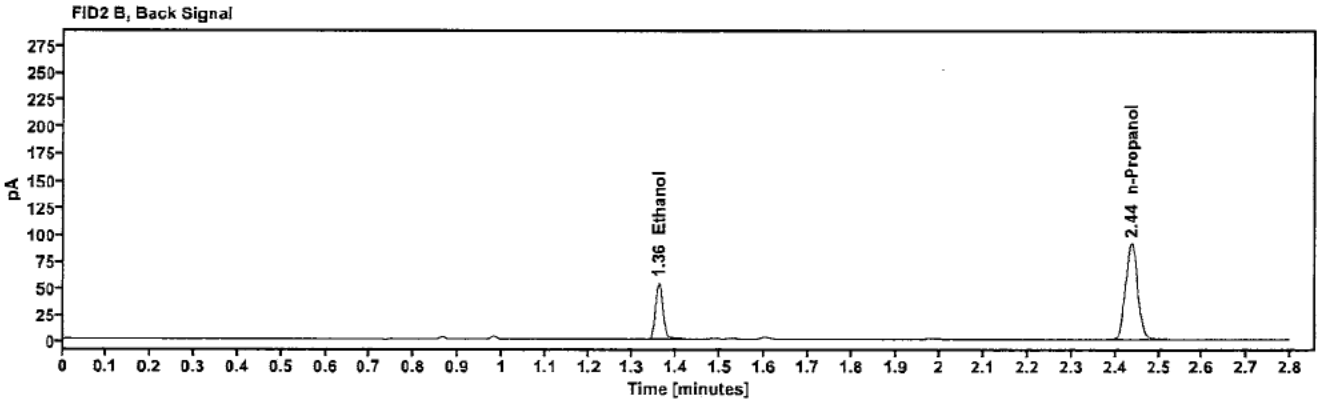
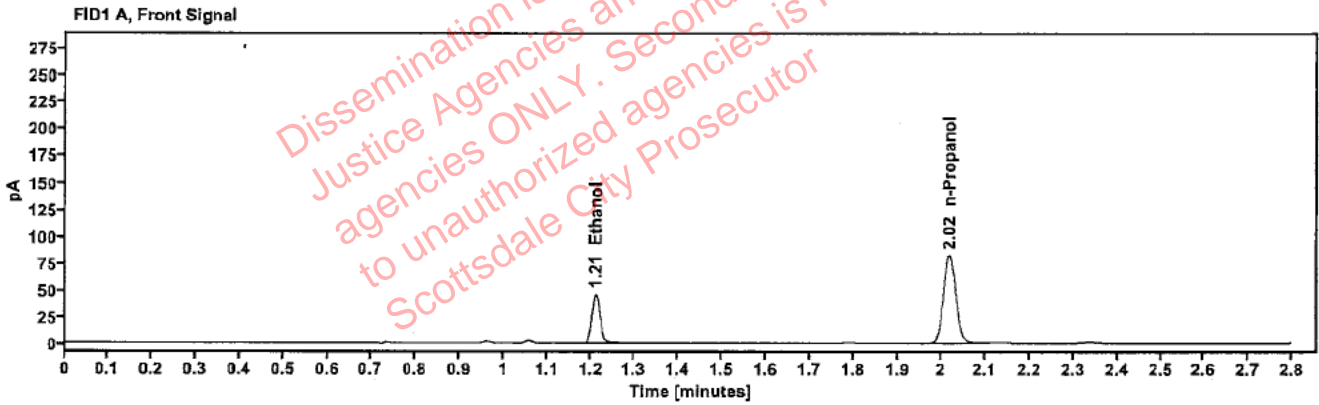


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0931	1.212	58.478
n-Propanol	---	2.017	163.839

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	64.283
n-Propanol	2.437	178.485

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01A.B.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:32:18 PM
Data file:	C:\Chem32\1\Data\06Sep23\16.D	Analyst:	Brooke

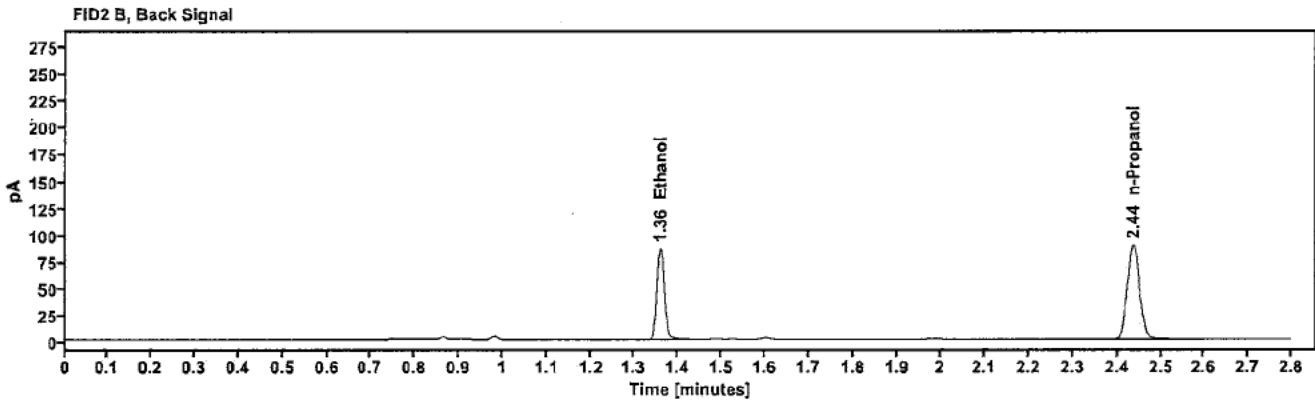
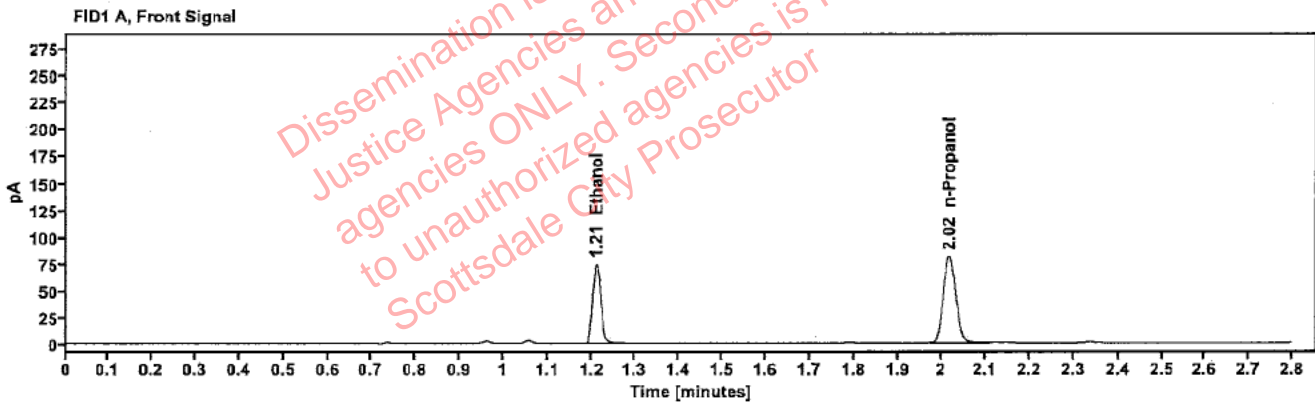


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1504	1.211	94.649
n-Propanol	-----	2.017	162.851

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	104.081
n-Propanol	2.437	176.469

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01A.B.	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:36:18 PM
Data file:	C:\Chem32\1\Data\06Sep23\17.D	Analyst:	Brooke

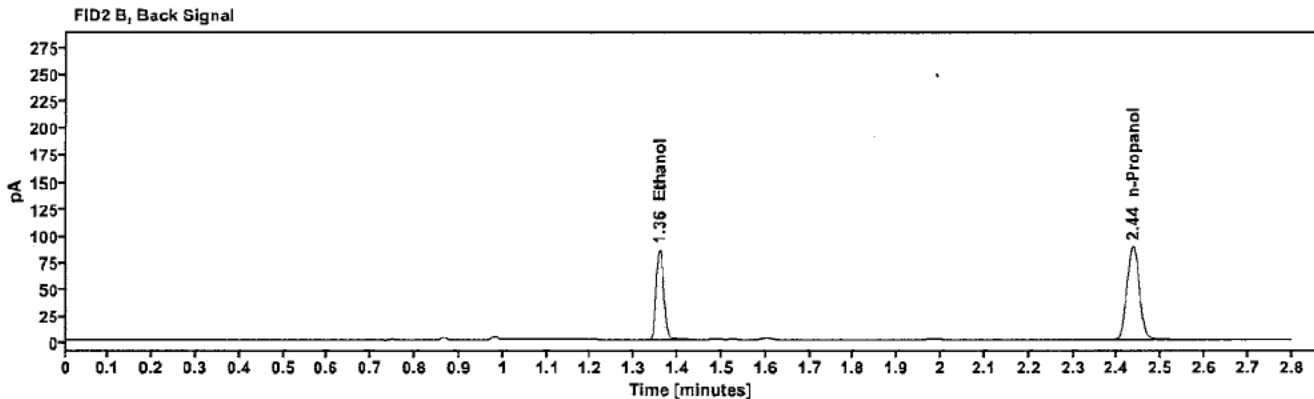
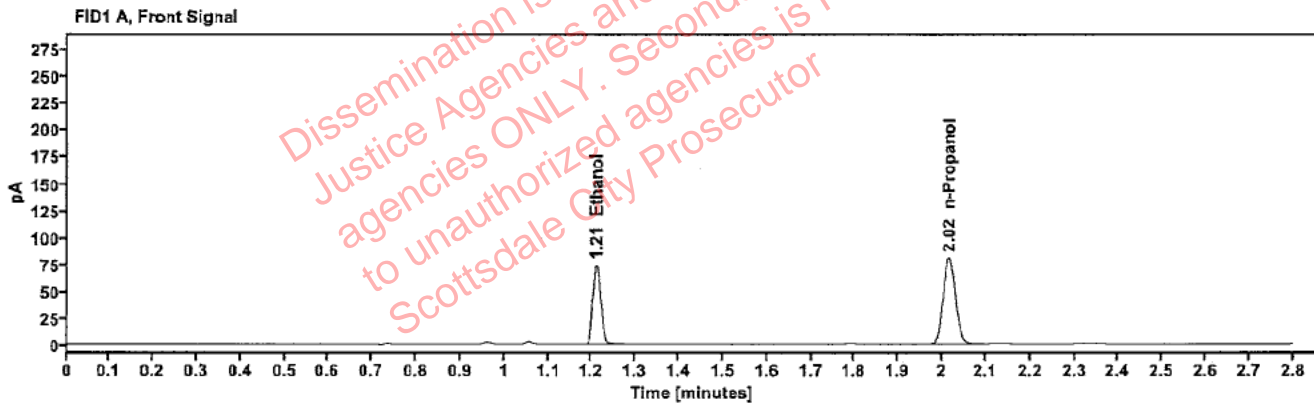


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1516	1.210	93.871
n-Propanol	-----	2.016	160.253

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	102.867
n-Propanol	2.436	174.496

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	411-1J.G.	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:40:17 PM
Data file:	C:\Chem32\1\Data\06Sep23\18.D	Analyst:	Brooke

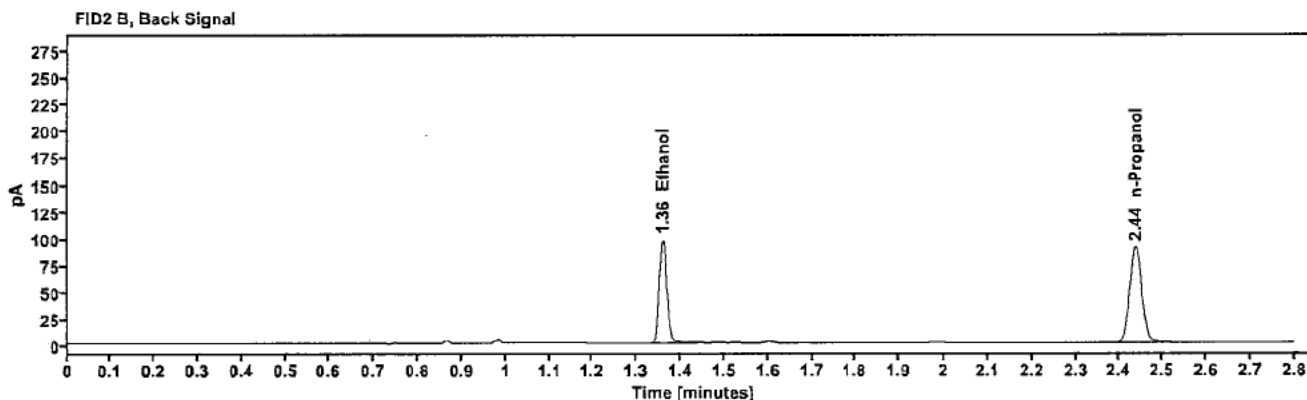
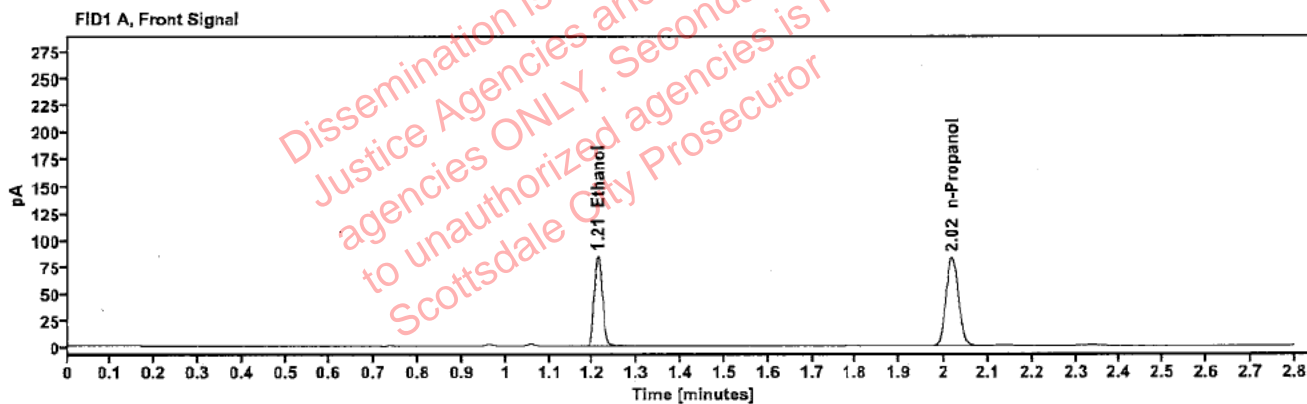


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1687	1.211	106.651
n-Propanol	---	2.017	163.463

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	117.187
n-Propanol	2.437	178.226

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	411-1J.G.	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:44:33 PM
Data file:	C:\Chem32\1\Data\06Sep23\19.D	Analyst:	Brooke

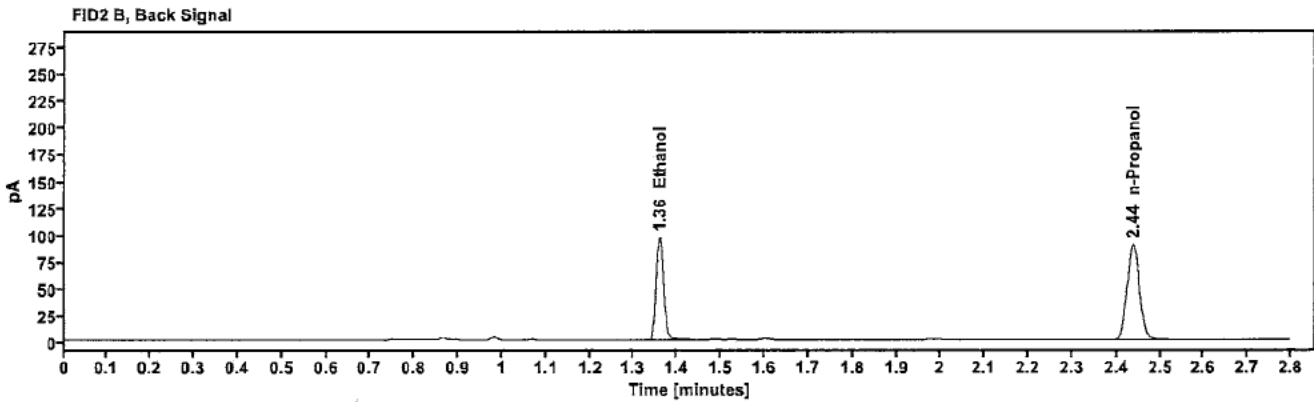
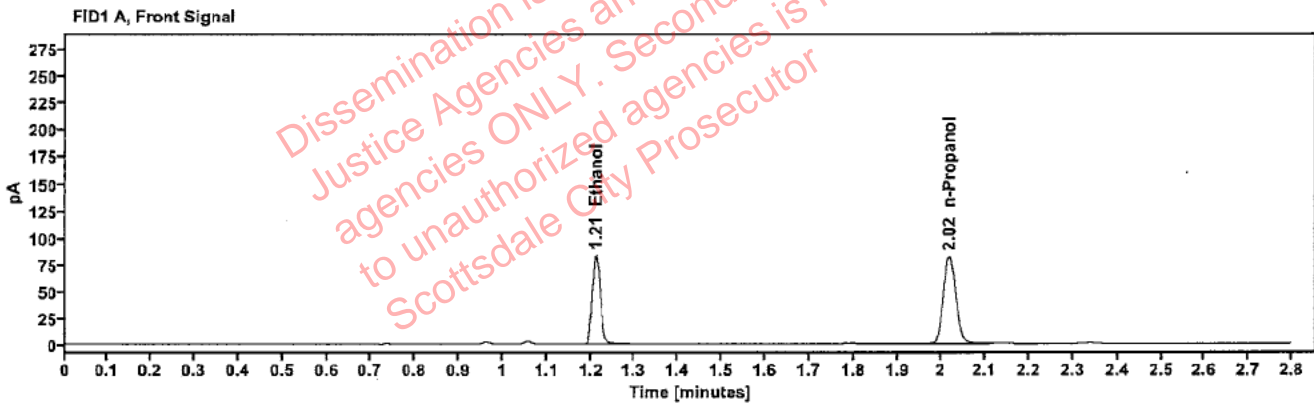


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1677	1.212	105.983
n-Propanol	-----	2.018	163.377

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	116.201
n-Propanol	2.438	177.032

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	334-011.B.	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:52:32 PM
Data file:	C:\Chem32\1\Data\06Sep23\21.D	Analyst:	Brooke

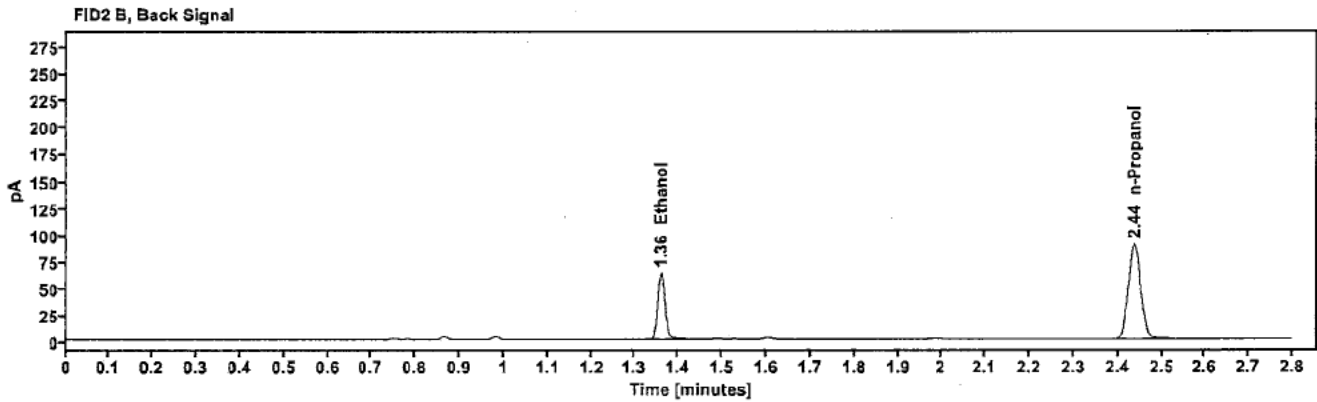
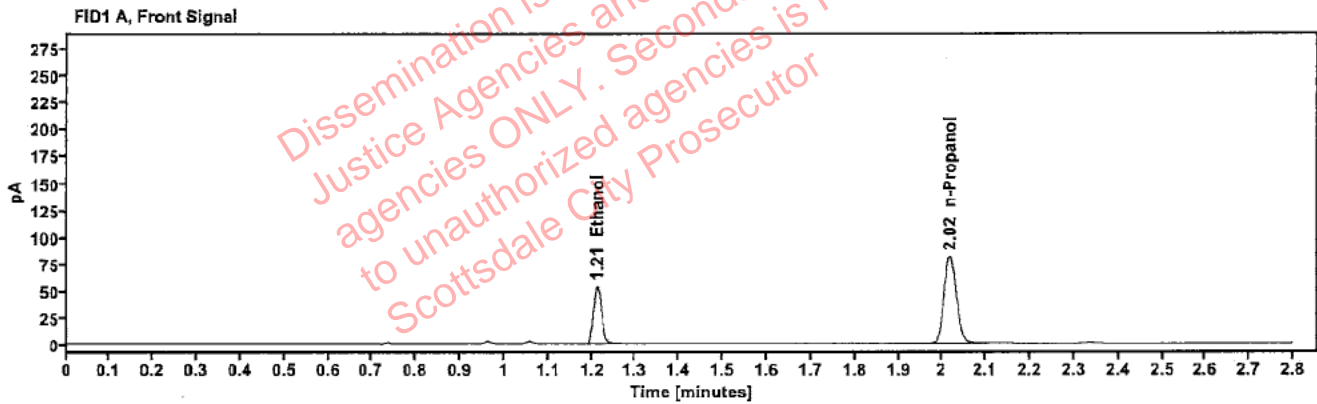


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1105	1.212	68.507
n-Propanol	-----	2.018	161.080

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	75.309
n-Propanol	2.438	176.329

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	334-011.B.	Vial:	22
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 1:56:32 PM
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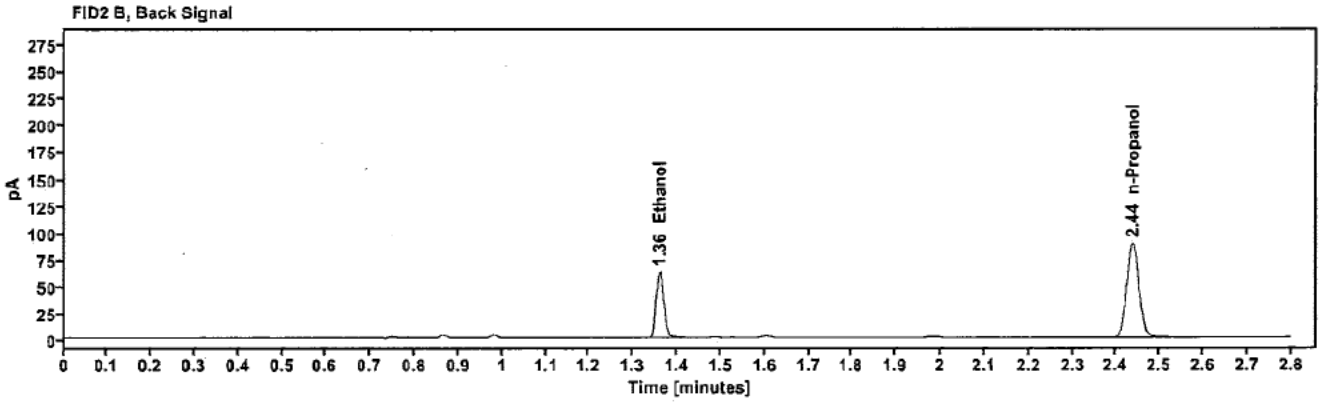
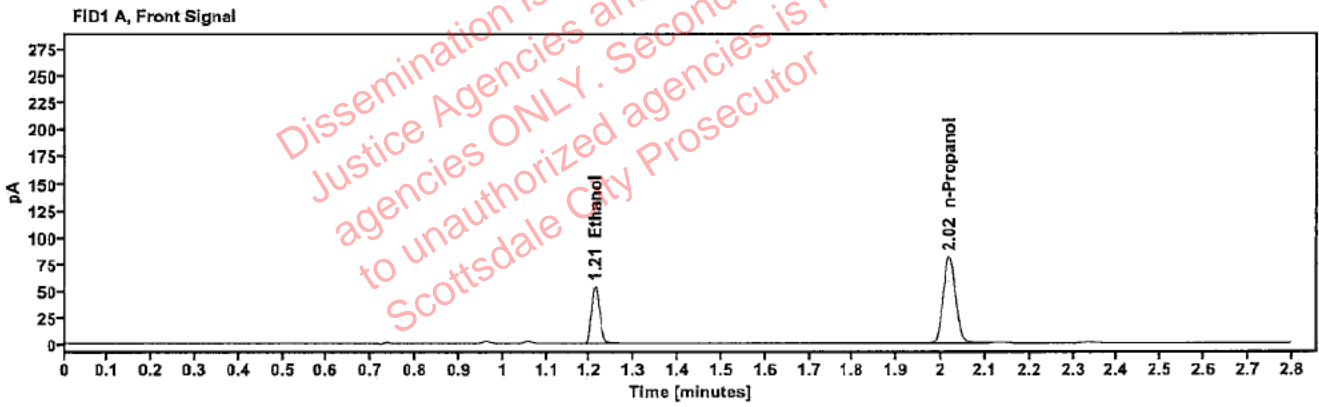


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1095	1.212	68.008
n-Propanol	-----	2.018	161.513

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	74.782
n-Propanol	2.438	175.347

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	426-01G.E.	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:00:33 PM
Data file:	C:\Chem32\1\Data\06Sep23\23.D	Analyst:	Brooke

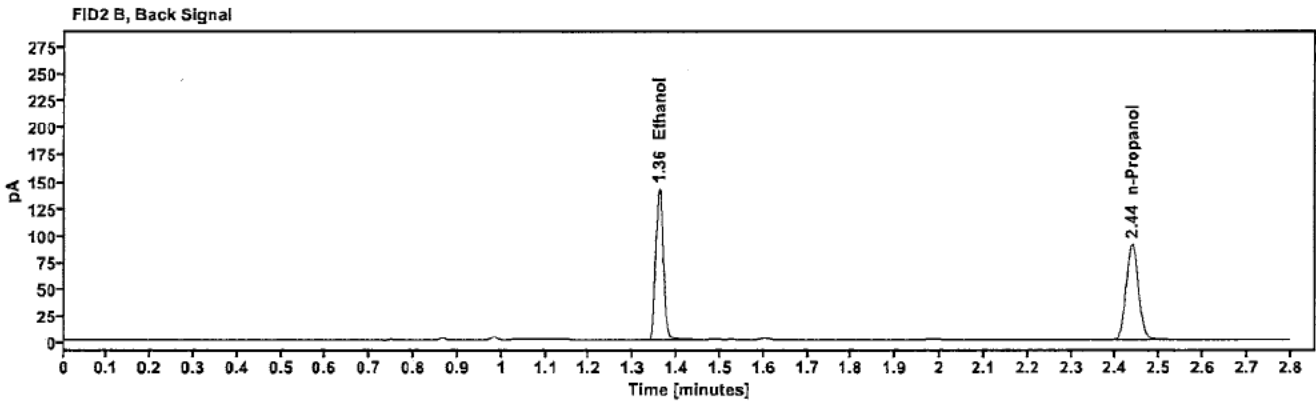
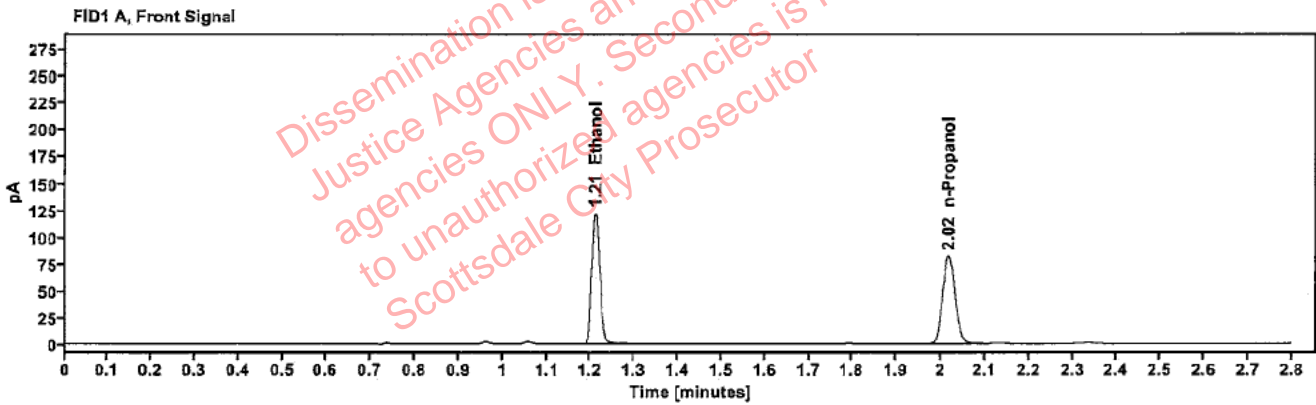


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2448	1.211	154.809
n-Propanol	-----	2.017	162.942

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	170.360
n-Propanol	2.437	177.550

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	426-01G.E.	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:04:32 PM
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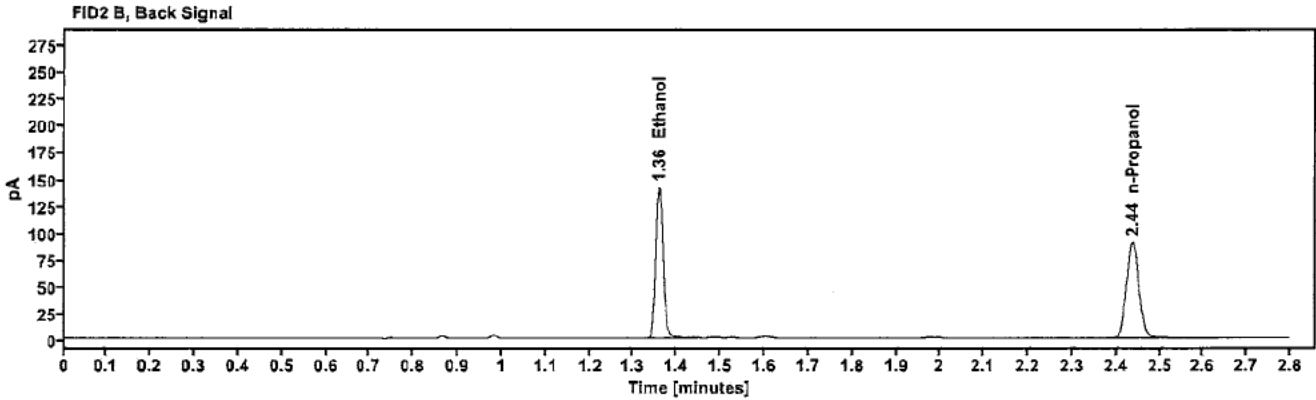
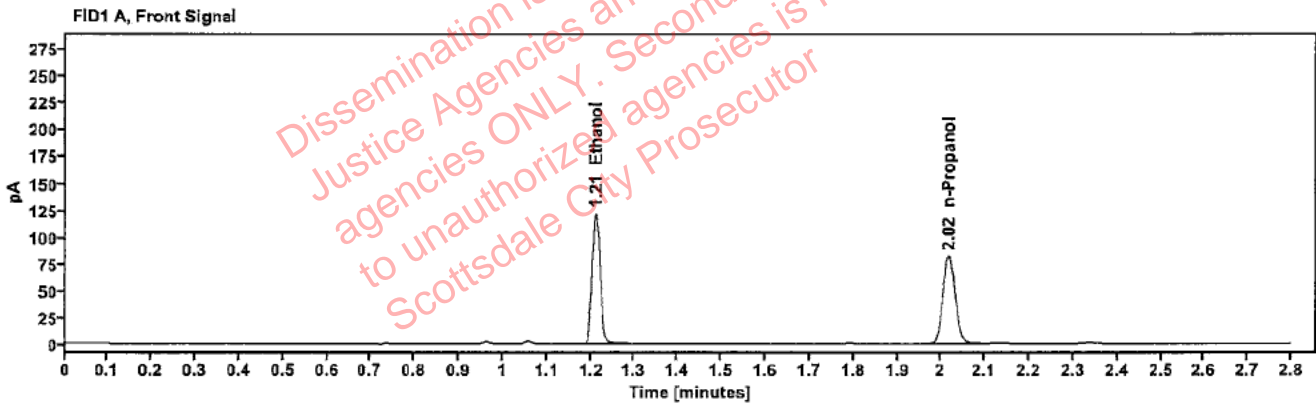


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2442	1.211	154.446
n-Propanol	---	2.017	162.950

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	170.114
n-Propanol	2.437	177.432

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317580-1	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:08:47 PM
Data file:	C:\Chem32\1\Data\06Sep23\25.D	Analyst:	Brooke

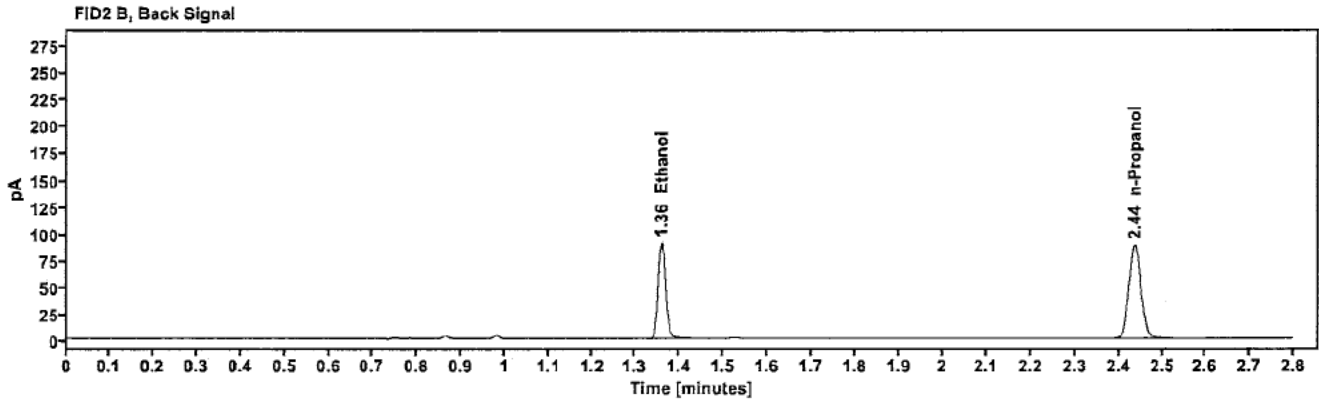
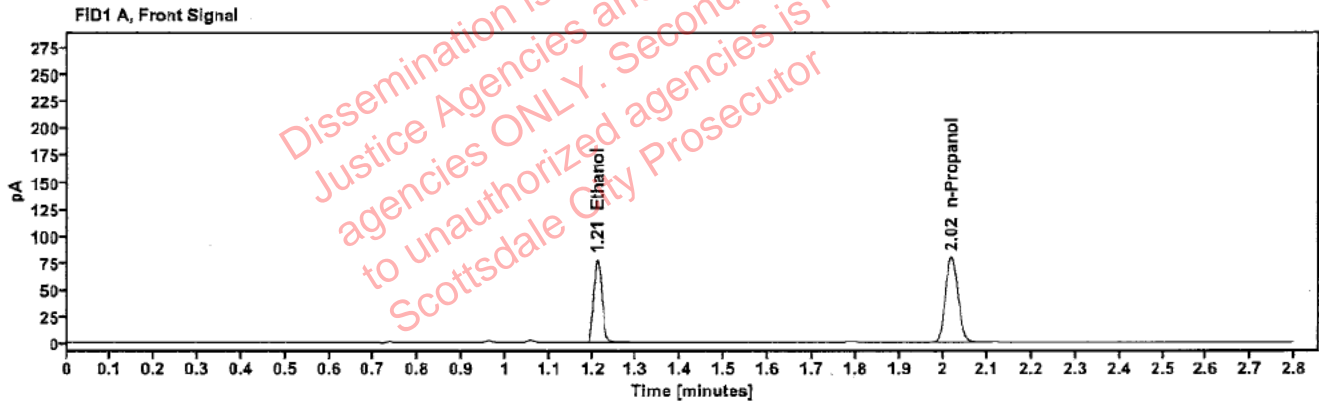


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1613	1.211	99.085
n-Propanol	---	2.017	158.850

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	108.609
n-Propanol	2.437	173.435

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317580-1	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:12:47 PM
Data file:	C:\Chem32\1\Data\06Sep23\26.D	Analyst:	Brooke

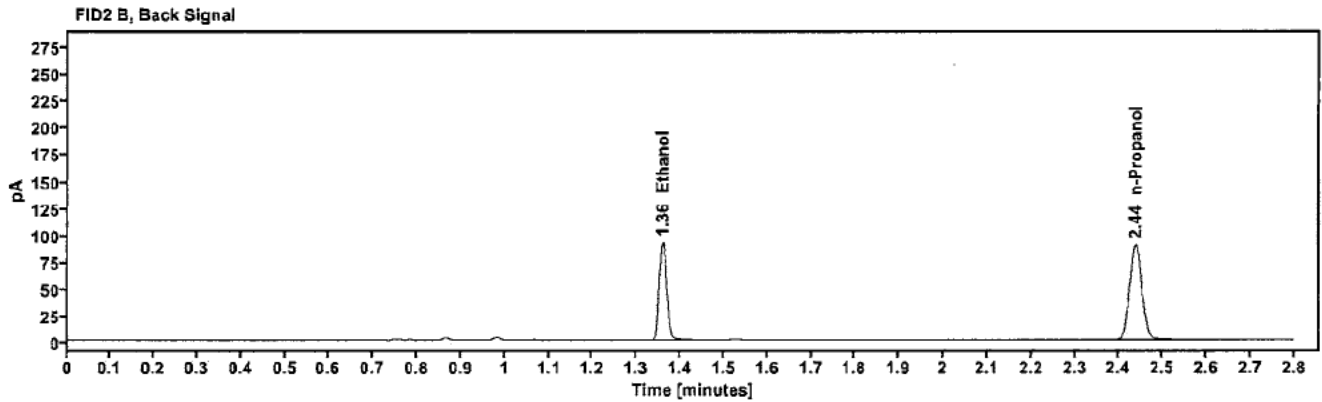
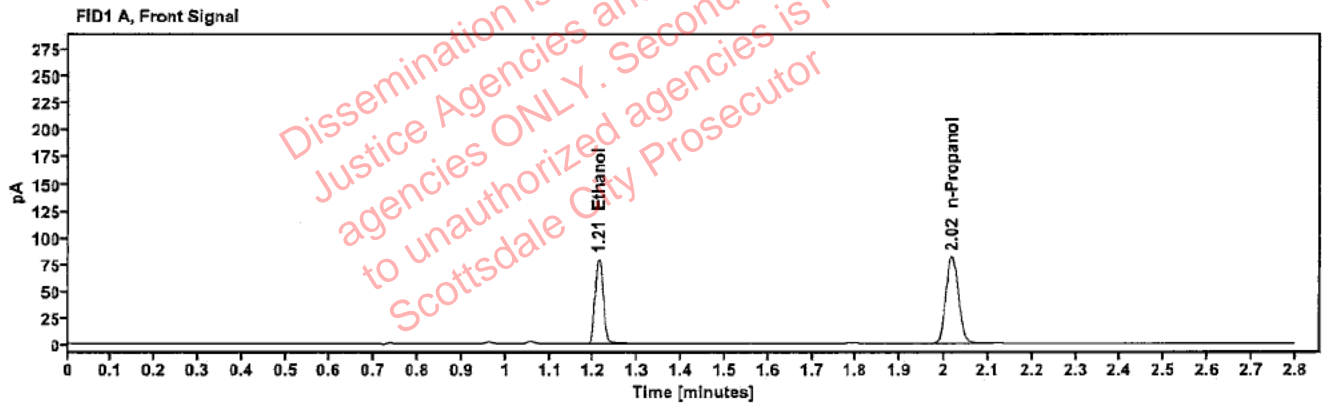


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1617	1.211	101.064
n-Propanol	-----	2.017	161.680

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	110.718
n-Propanol	2.437	176.411

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317812-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:16:47 PM
Data file:	C:\Chem32\1\Data\06Sep23\27.D	Analyst:	Brooke

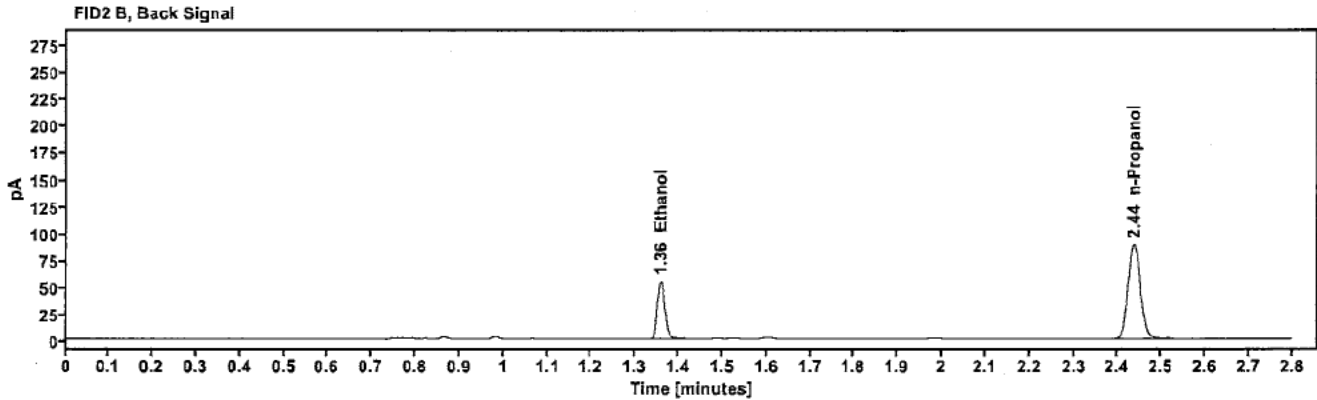
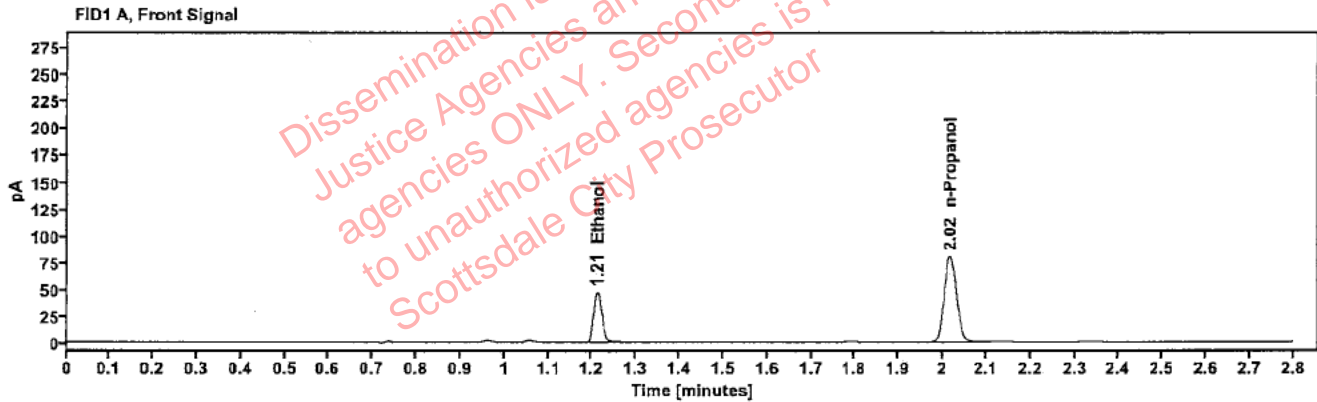


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0967	1.212	59.708
n-Propanol	-----	2.017	160.835

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	65.578
n-Propanol	2.437	174.383

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317812-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:20:47 PM
Data file:	C:\Chem32\1\Data\06Sep23\28.D	Analyst:	Brooke

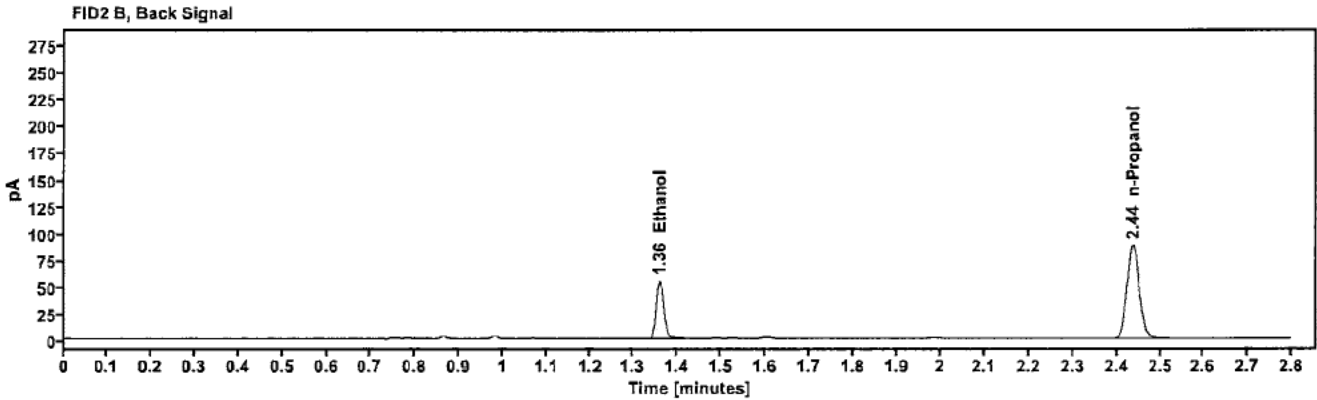
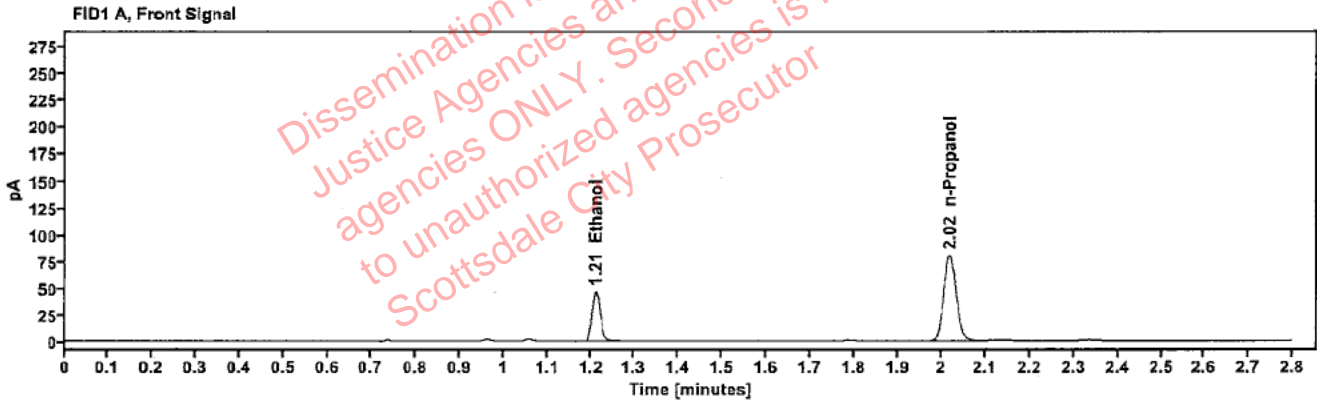


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0973	1.212	59.371
n-Propanol	---	2.017	158.925

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	65.245
n-Propanol	2.437	173.844

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317861-2	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:24:48 PM
Data file:	C:\Chem32\1\Data\06Sep23\29.D	Analyst:	Brooke

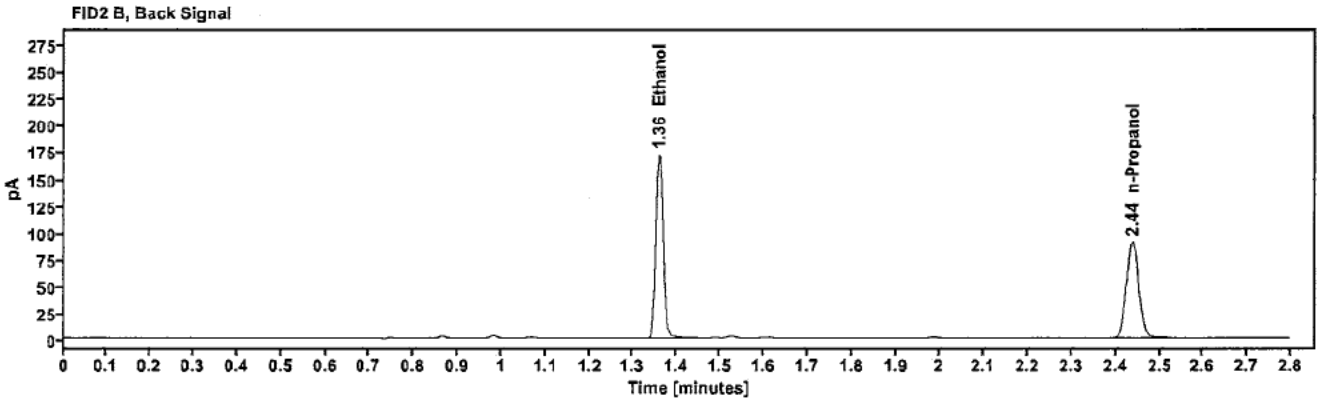
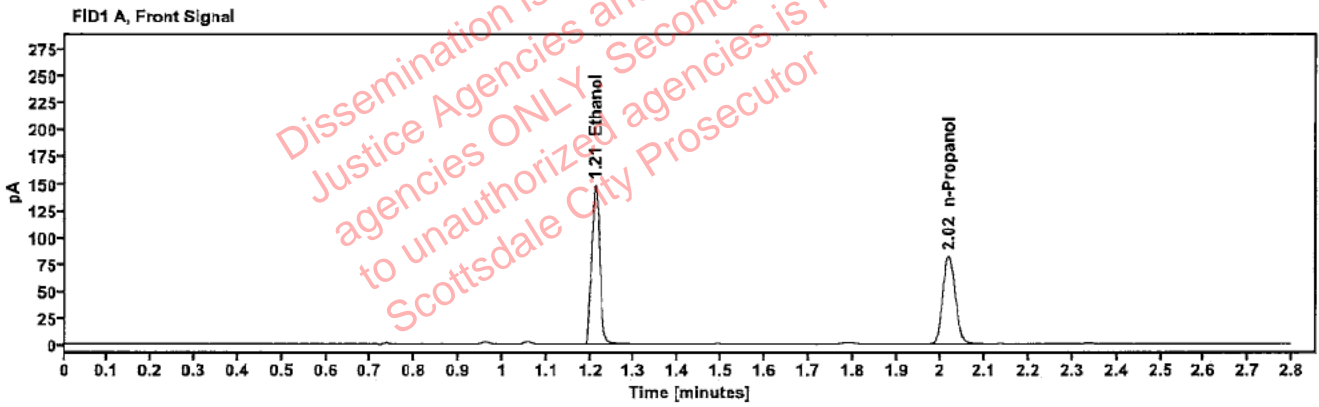


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2965	1.211	187.863
n-Propanol	-----	2.018	163.051

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	207.719
n-Propanol	2.438	178.110

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317861-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:28:49 PM
Data file:	C:\Chem32\1\Data\06Sep23\30.D	Analyst:	Brooke

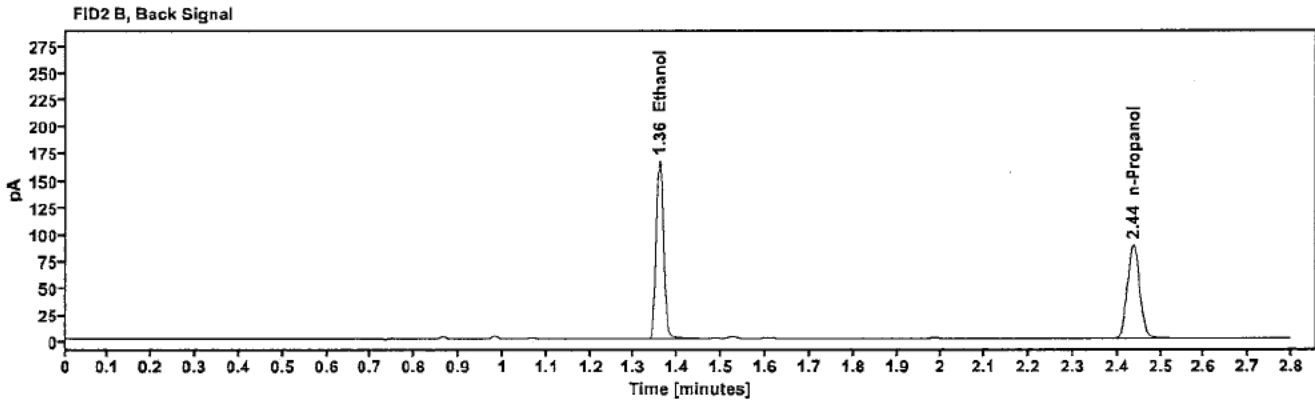
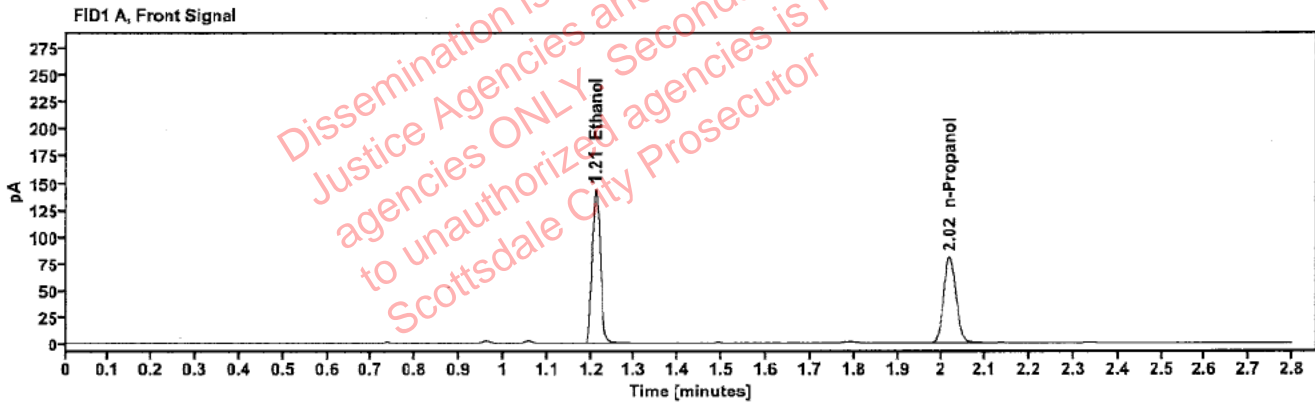


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2948	1.211	182.140
n-Propanol	---	2.017	159.020

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	200.248
n-Propanol	2.437	173.753

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317832-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:37:03 PM
Data file:	C:\Chem32\1\Data\06Sep23\32.D	Analyst:	Brooke

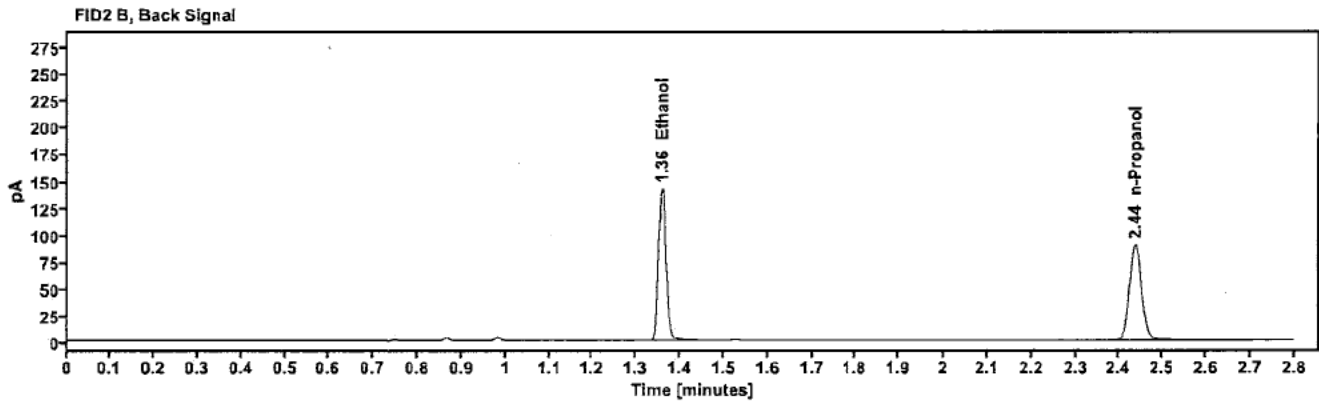
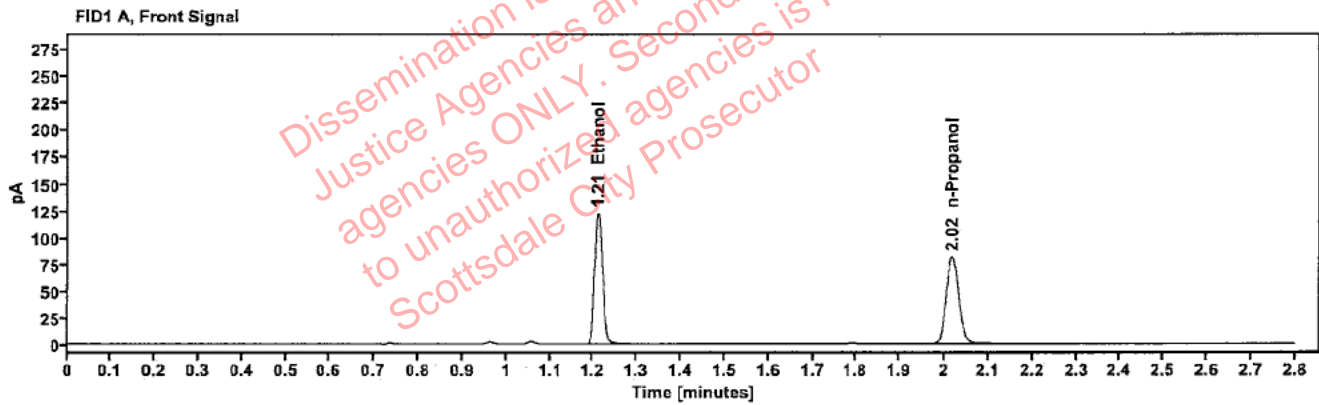


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2474	1.211	155.404
n-Propanol	-----	2.017	161.822

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	170.600
n-Propanol	2.437	176.543

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317832-2	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:41:02 PM
Data file:	C:\Chem32\1\Data\06Sep23\33.D	Analyst:	Brooke

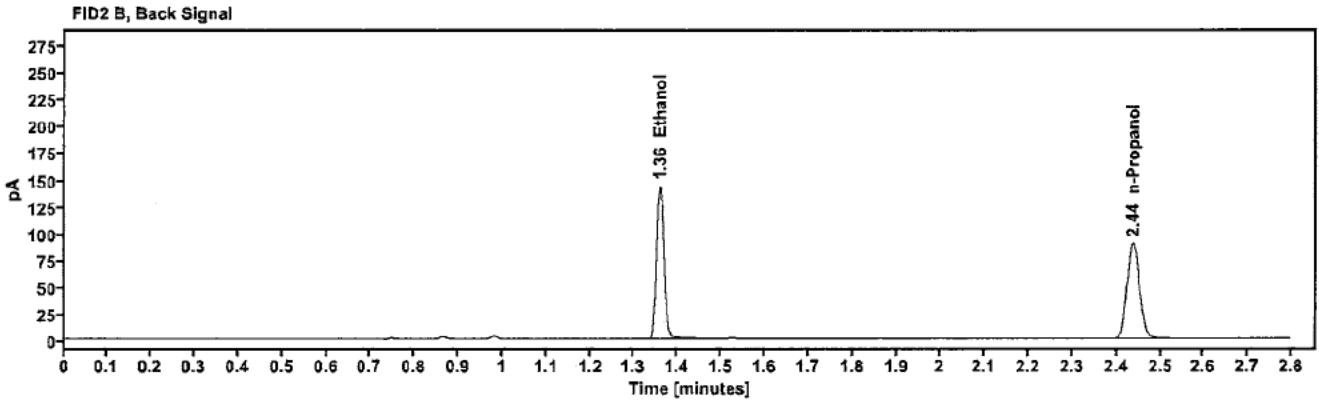
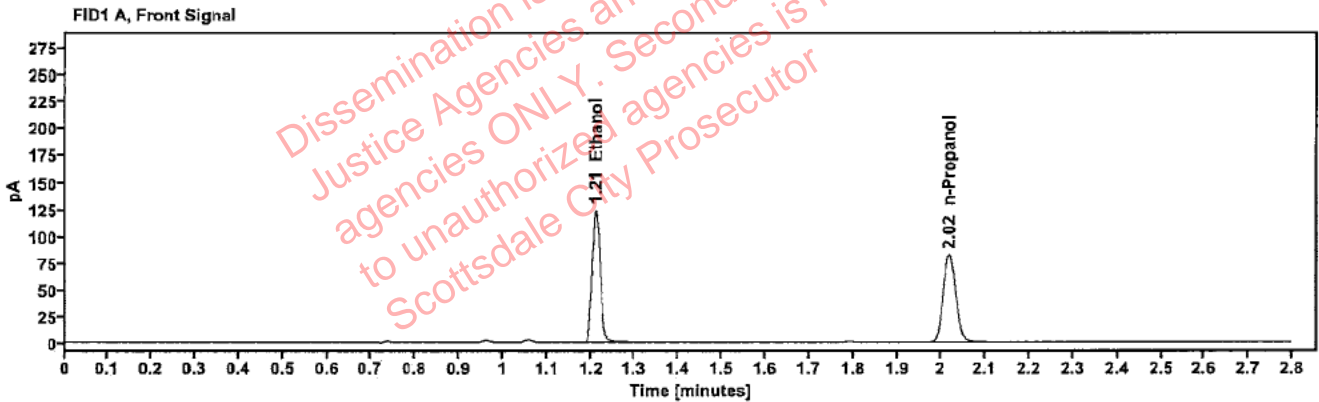


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2487	1.211	157.269
n-Propanol	-----	2.018	162.904

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	172.725
n-Propanol	2.438	177.896

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317871-1	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:45:03 PM
Data file:	C:\Chem32\1\Data\06Sep23\34.D	Analyst:	Brooke

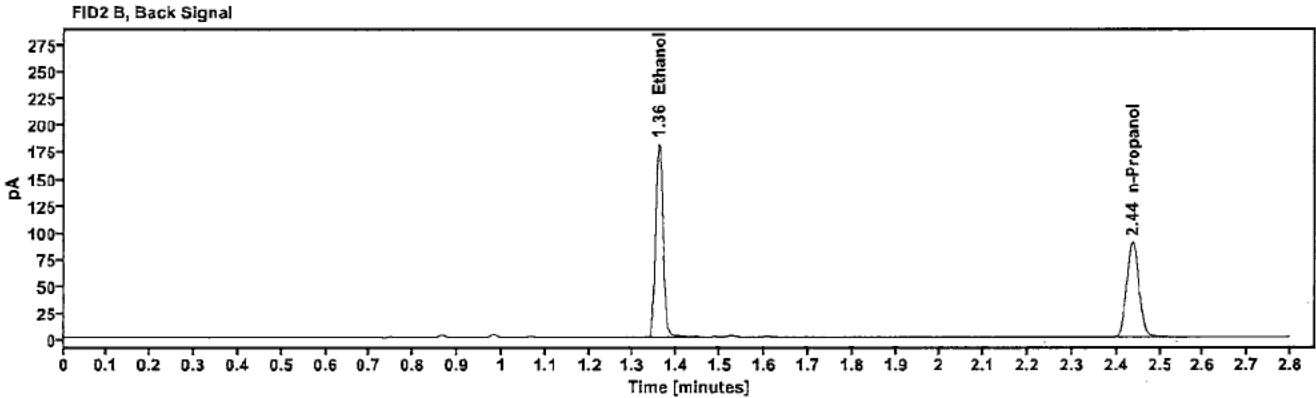
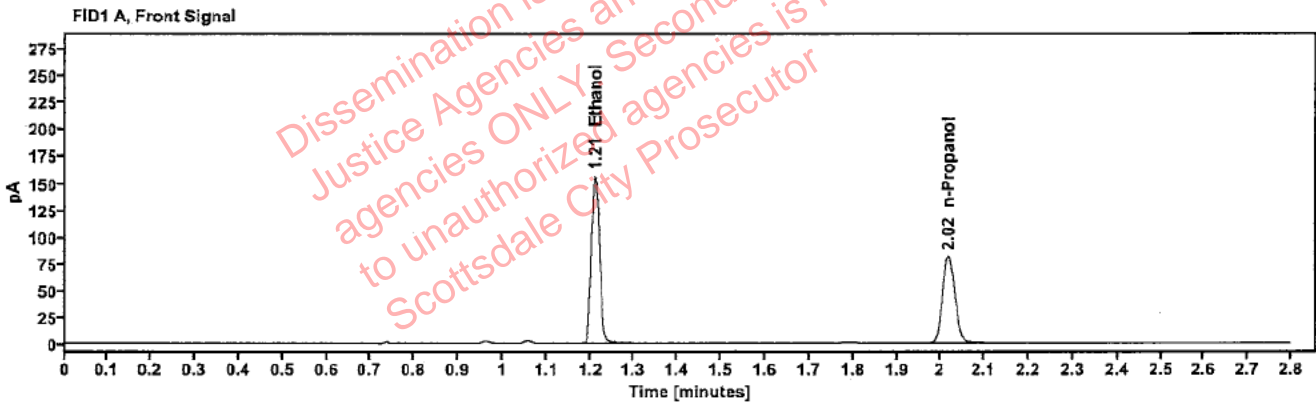


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3173	1.211	198.902
n-Propanol	---	2.018	161.294

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	218.519
n-Propanol	2.437	176.284

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317871-1	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:49:03 PM
Data file:	C:\Chem32\1\Data\06Sep23\35.D	Analyst:	Brooke

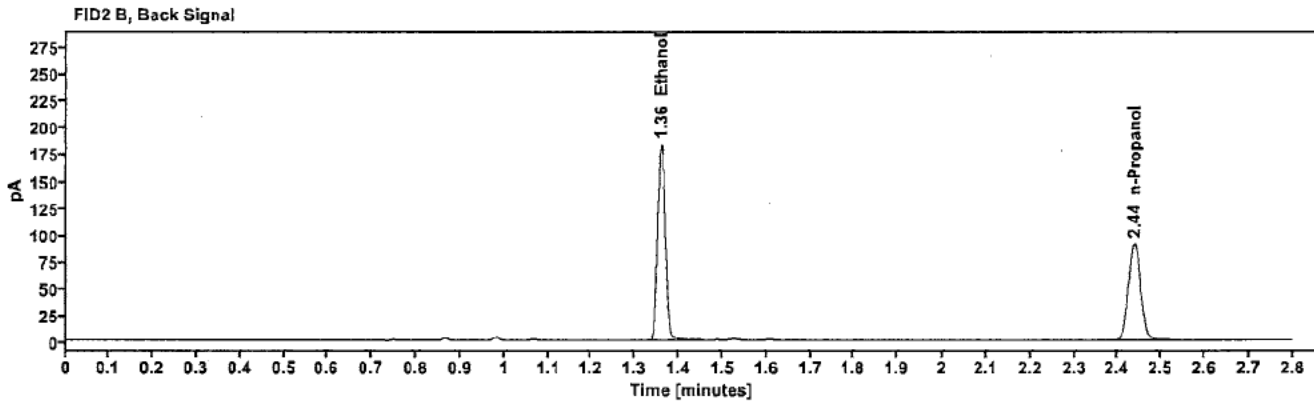
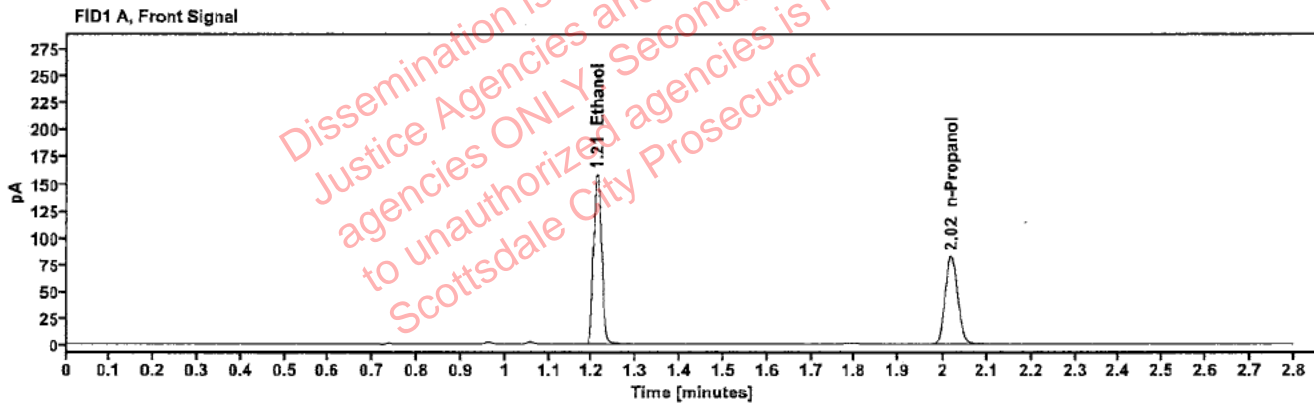


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3169	1.211	200.722
n-Propanol	-----	2.018	162.930

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	222.158
n-Propanol	2.438	178.078

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317939-1	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:53:03 PM
Data file:	C:\Chem32\1\Data\06Sep23\36.D	Analyst:	Brooke

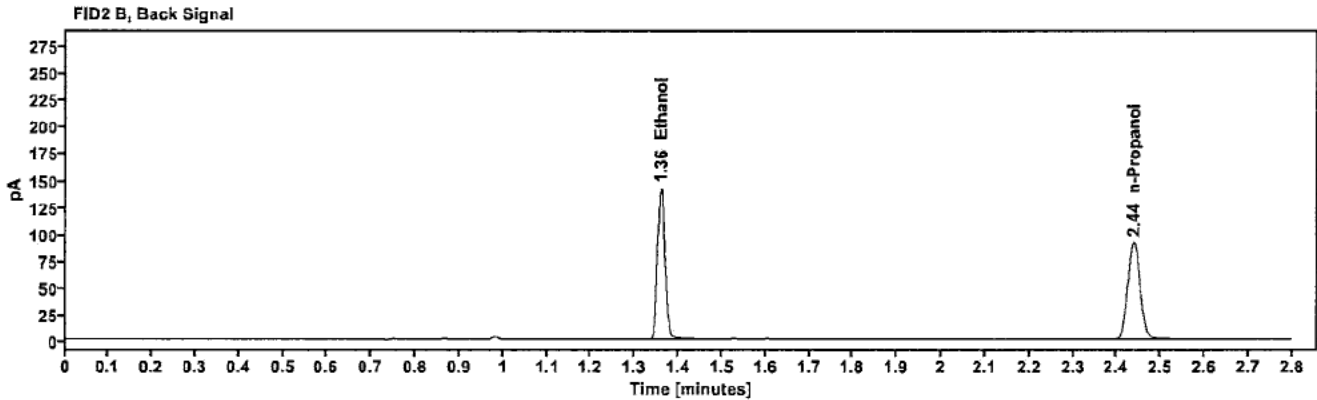
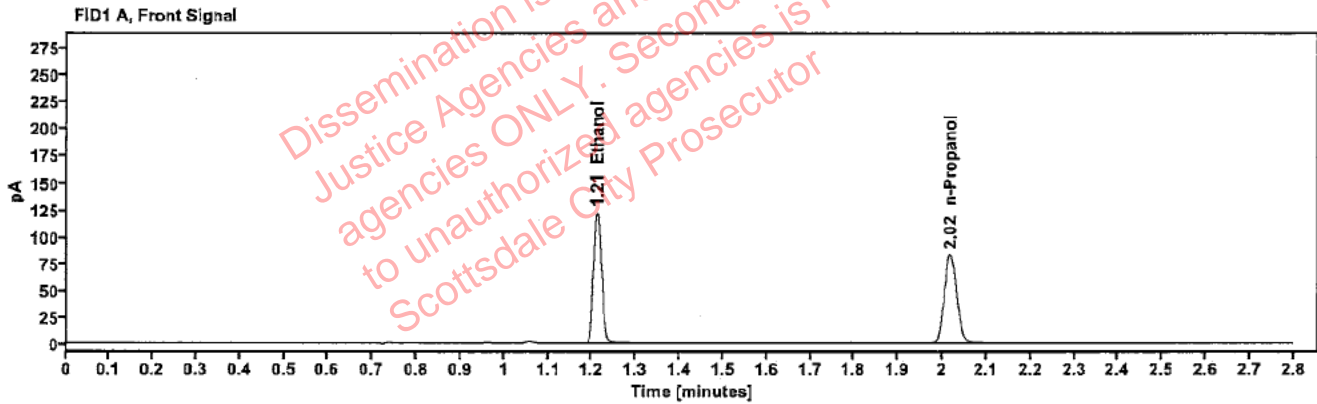


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2428	1.211	154.896
n-Propanol	-----	2.018	164.377

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	170.381
n-Propanol	2.438	179.843

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317939-1	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 2:57:17 PM
Data file:	C:\Chem32\1\Data\06Sep23\37.D	Analyst:	Brooke

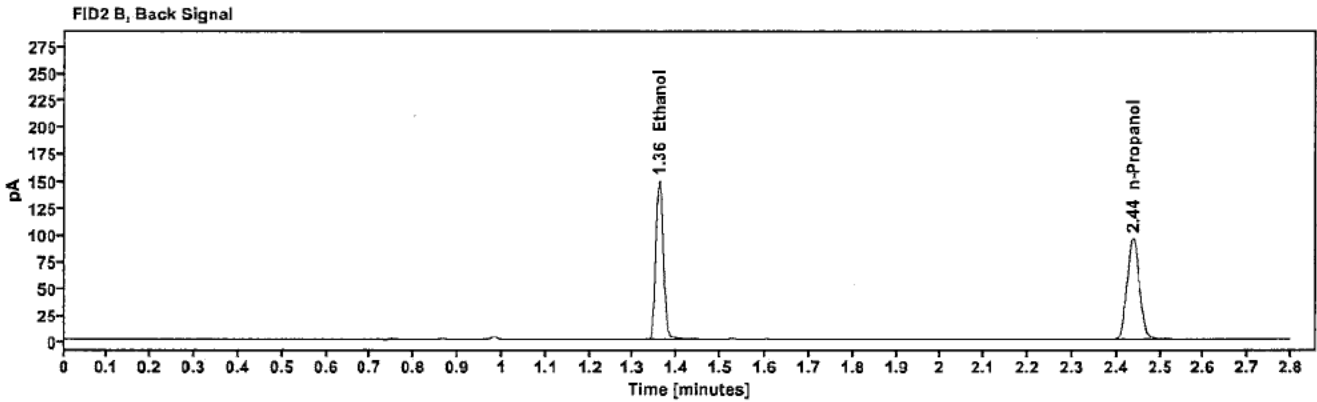
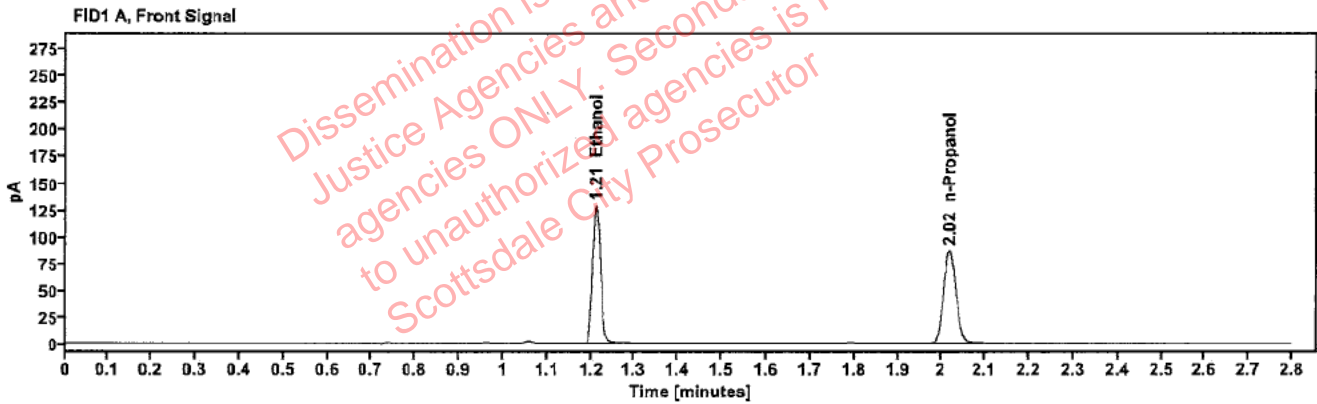


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2457	1.211	163.084
n-Propanol	---	2.018	171.061

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	179.472
n-Propanol	2.438	187.146

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2318100-1	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 3:01:18 PM
Data file:	C:\Chem32\1\Data\06Sep23\38.D	Analyst:	Brooke

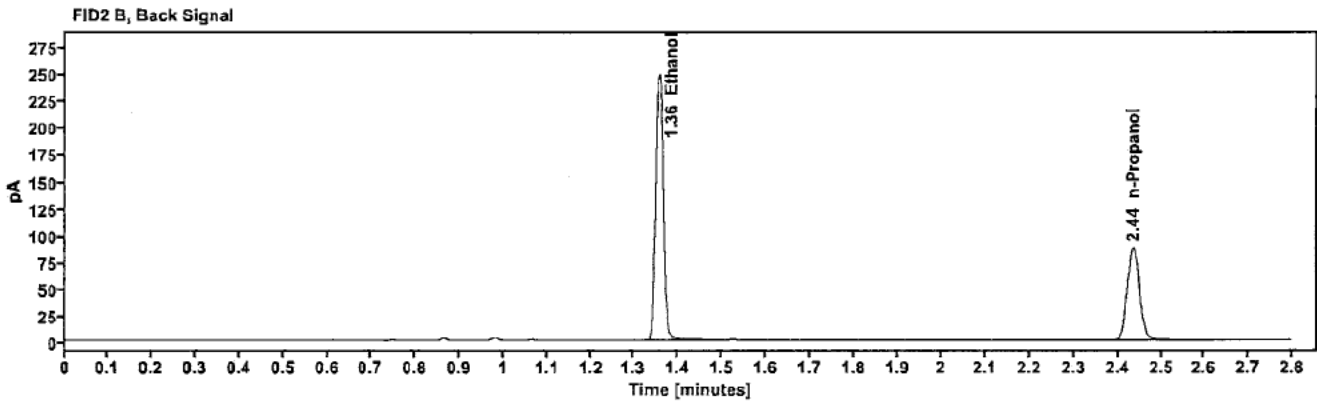
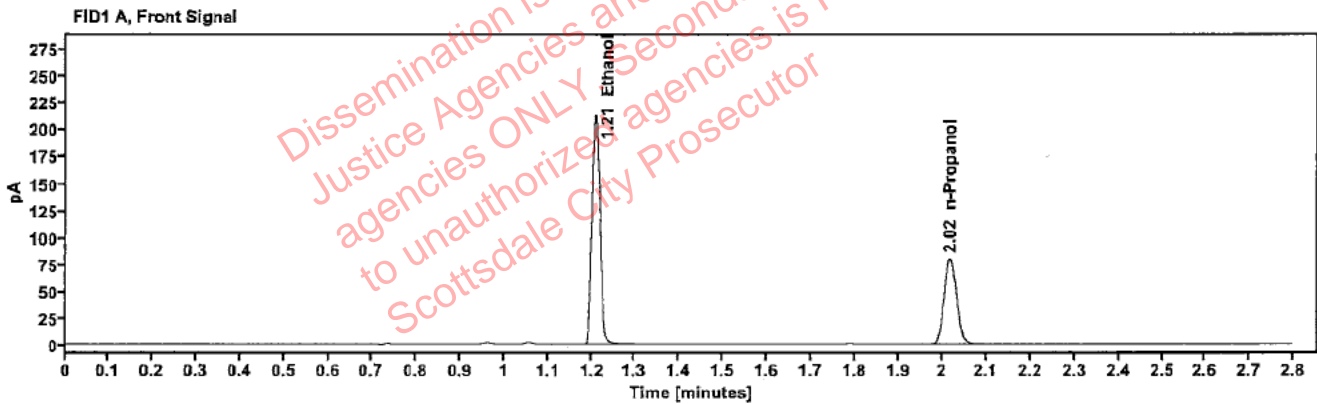


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4401	1.209	270.888
n-Propanol	-----	2.016	158.101

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	298.527
n-Propanol	2.436	172.510

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2318100-1	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 3:05:17 PM
Data file:	C:\Chem32\1\Data\06Sep23\39.D	Analyst:	Brooke

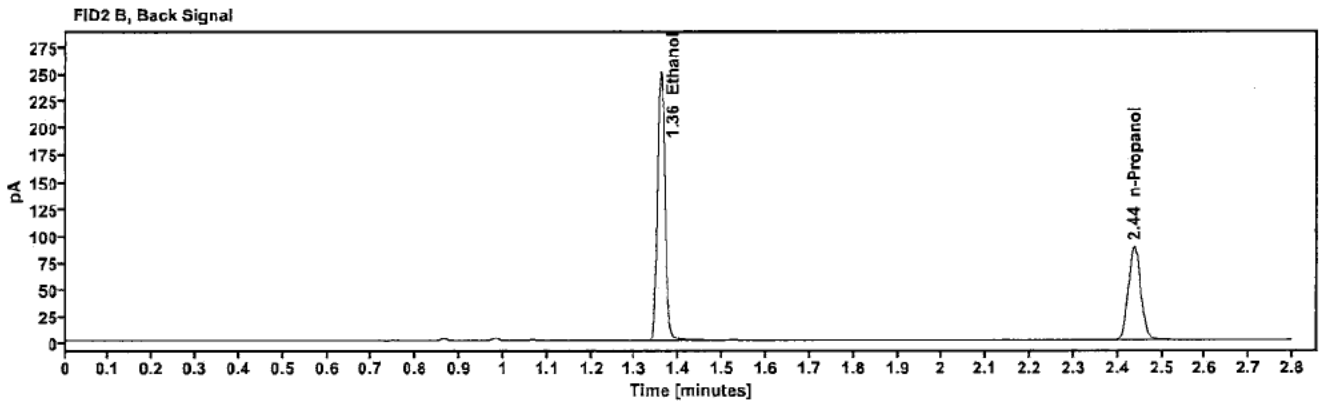
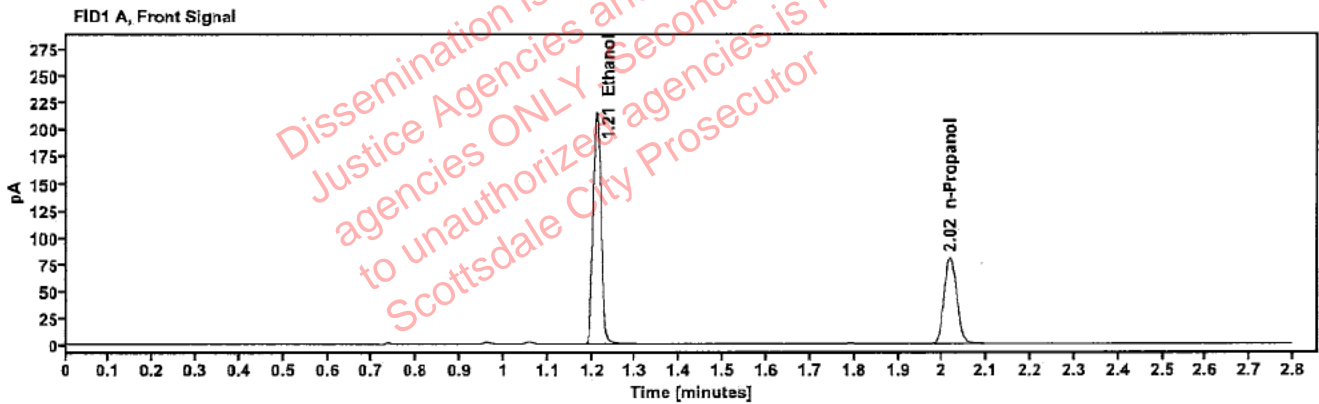


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4426	1.211	274.422
n-Propanol	---	2.018	159.278

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	302.417
n-Propanol	2.437	173.768

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2318182-3	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 3:09:18 PM
Data file:	C:\Chem32\1\Data\06Sep23\40.D	Analyst:	Brooke

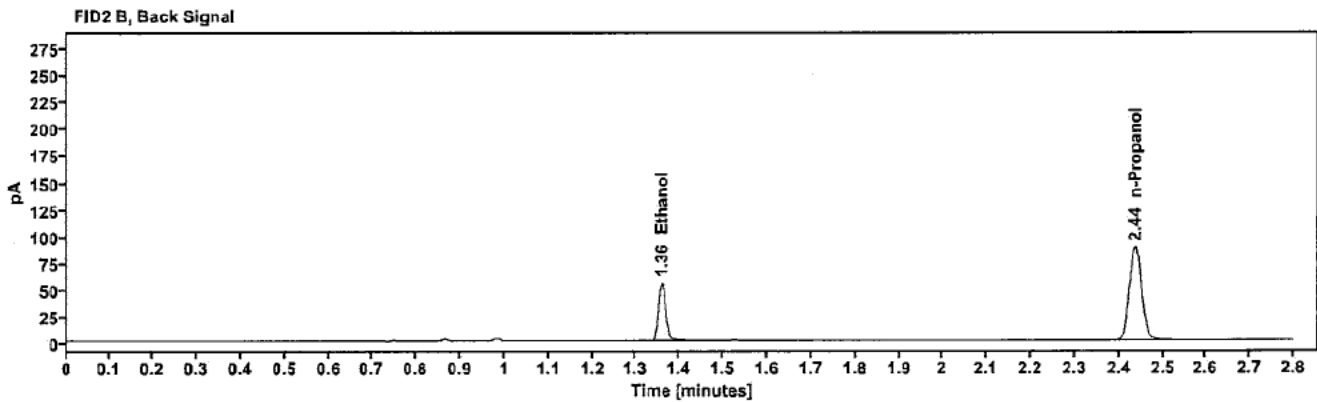
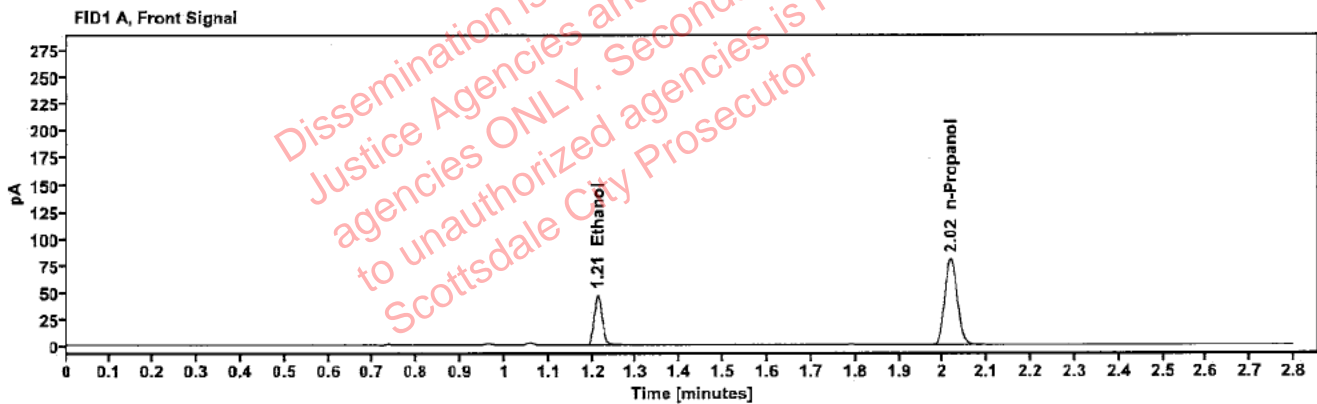


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0984	1.212	60.184
n-Propanol	---	2.017	159.263

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	65.846
n-Propanol	2.437	173.984

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2318182-3	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Sep23
Instrument:	US14173023 CN14160045	Injection date:	9/6/2023 3:13:17 PM
Data file:	C:\Chem32\11\Data\06Sep23\41.D	Analyst:	Brooke

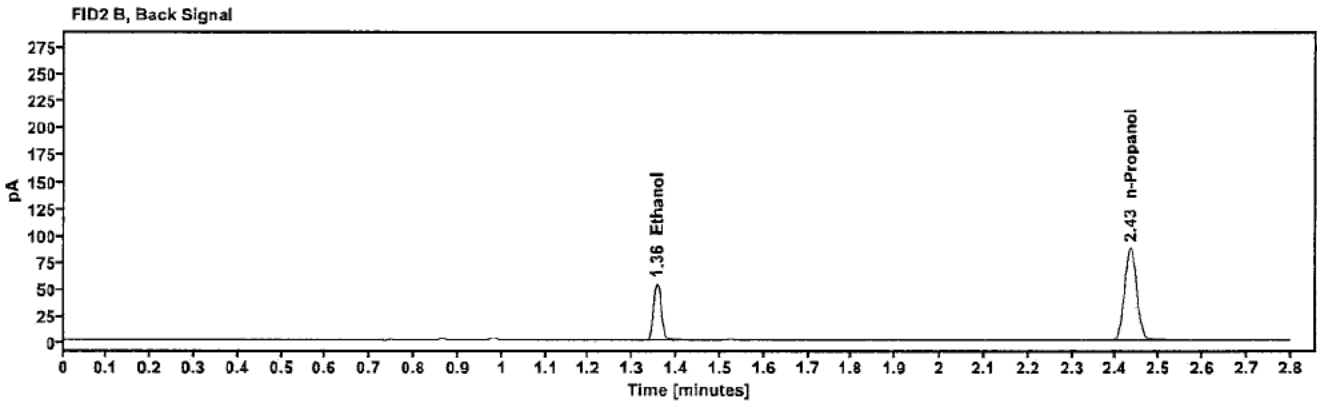
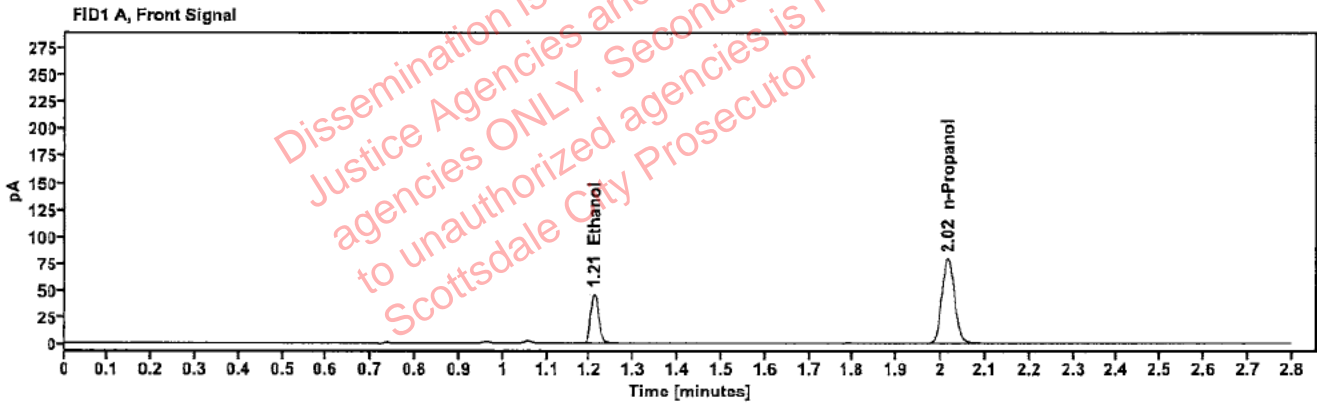


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0968	1.210	58.637
n-Propanol	-----	2.015	157.769

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	64.182
n-Propanol	2.434	172.494