

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 10/15/2024

SEQUENCE NAME 15Oct24

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600EA20851
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN03072301 0.99998
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

<u>Vial</u>	<u>Sample</u>	<u>Expected result</u>	<u>Measured result</u>	<u>Manufacturer/lot</u>
5	Blank	Not detected	Not detected	SPD lab 050624WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 518018
9	Blood control	0.199 g/dL	0.205 g/dL	ACQ 4110320133/11
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
42	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 12052023-B
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
44	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/11
45	Blank	Not detected	Not detected	SPD lab 090524AQ

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Erika Comonico Analyst
 Run valid Run invalid [Signature] Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 15Oct24

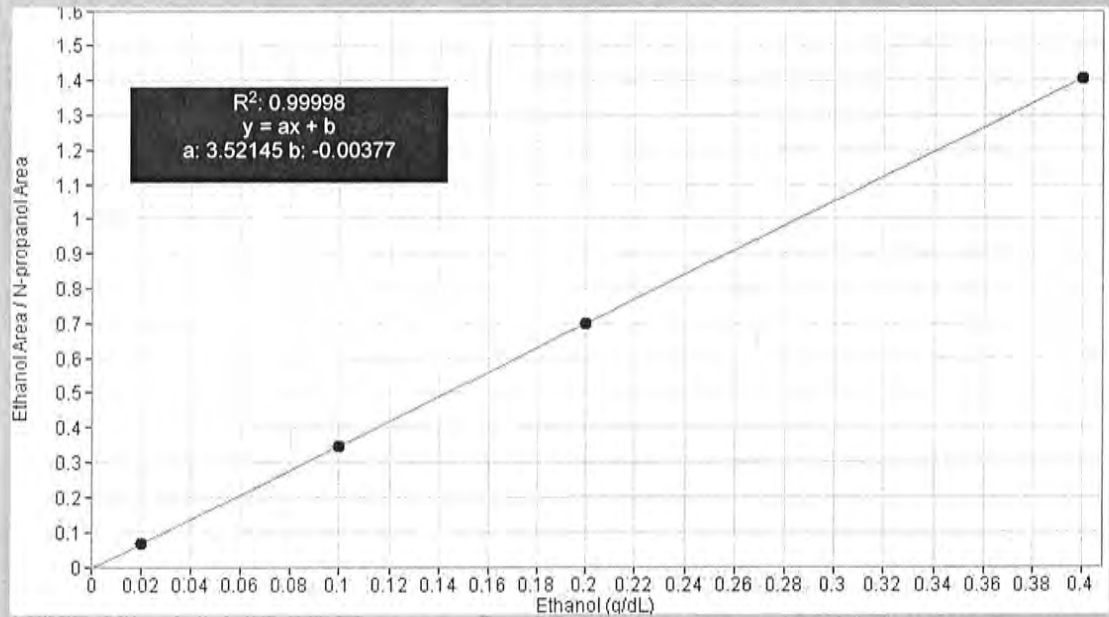
ANALYST: Canonico

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Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 050624WB	5	negative	negative	-	-
0.400 12052023-B	7	0.401	0.400	0.25	0.001
0.040 518018	8	0.040	0.040	0.00	0.000
0.199 4110320133/11	9	0.205	0.199	3.02	0.006
0.100 517758	20	0.101	0.100	1.00	0.001
0.100 517758	31	0.100	0.100	0.00	0.000
0.400 12052023-B	42	0.404	0.400	1.00	0.004
0.040 518018	43	0.041	0.040	2.50	0.001
0.199 4110320133/11	44	0.204	0.199	2.51	0.005
blank 090524AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.528	167.951	0.069
0.100	58.216	167.372	0.348
0.200	118.092	169.290	0.698
0.400	235.483	167.446	1.406

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	15Oct24
Method:	ethanol quant.M	Injection date:	10/15/2024 12:54:25 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Chem32\1\Data\15Oct24\1.D		

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 Scottsdale City Prosecutor

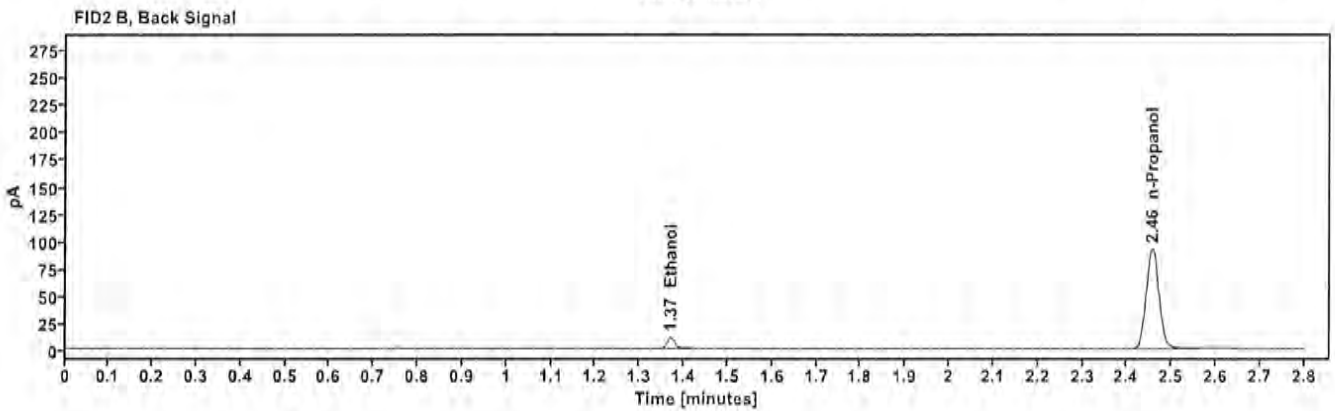
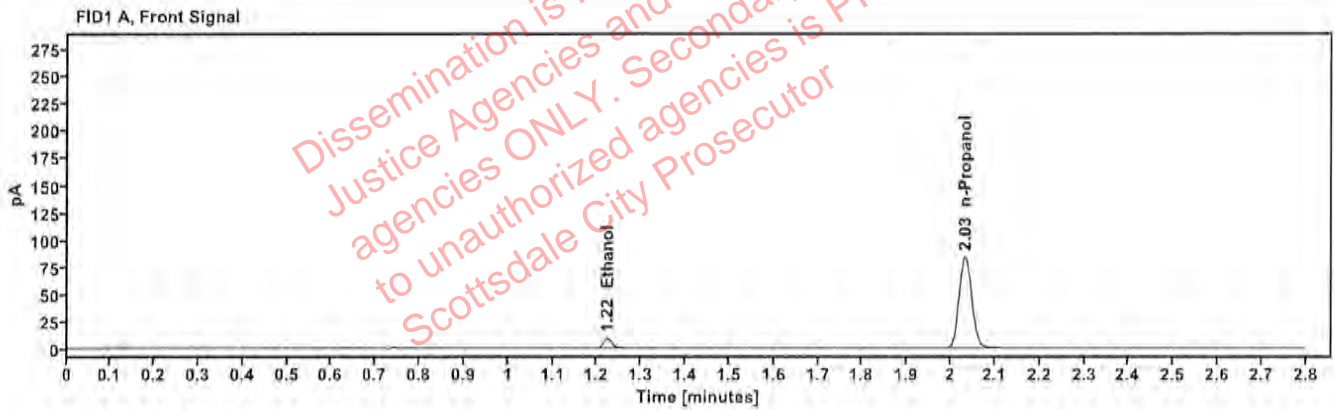


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	11.528
n-Propanol	2.032	167.951

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

Compound	Time (min)	Peak Area
Ethanol	1.369	12.589
n-Propanol	2.456	183.241

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03072301	Vial: 2
Description: 0.100 calibrator	Sequence: 15Oct24
Method: ethanol quant.M	Injection date: 10/15/2024 12:58:25 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\15Oct24\2.D	

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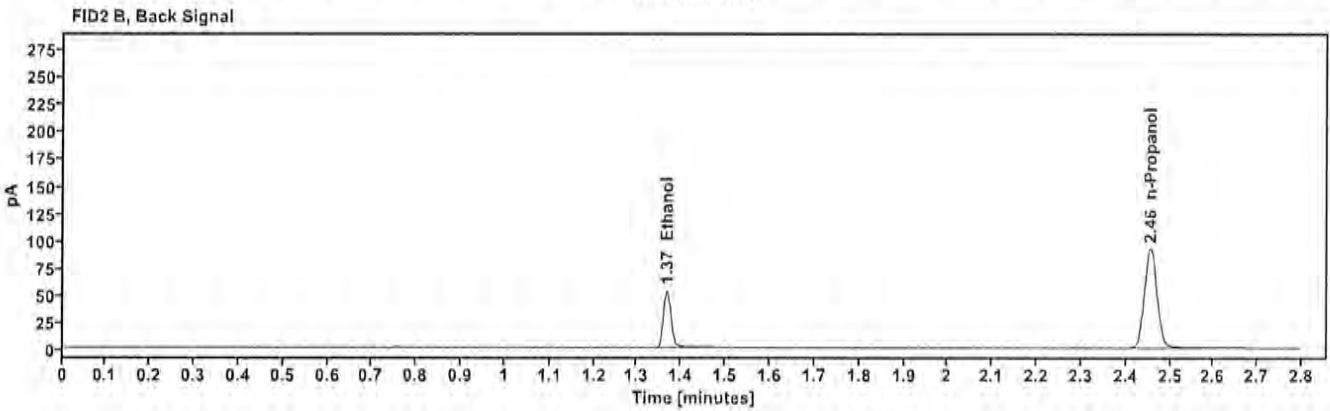
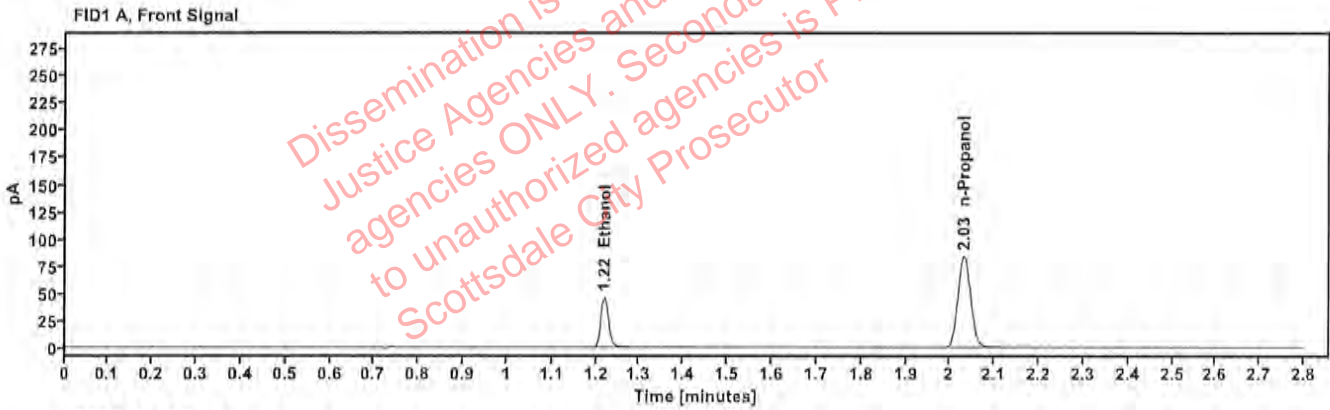


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.219	58.216
n-Propanol	2.031	167.372

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

Compound	Time (min)	Peak Area
Ethanol	1.367	63.975
n-Propanol	2.455	182.392

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03132302	Vial: 3
Description: 0.200 calibrator	Sequence: 15Oct24
Method: ethanol quant.M	Injection date: 10/15/2024 1:02:25 PM
Instrument: US14173023 CN14160045	Analyst: Canonico EJ
Data file: C:\Chem32\1\Data\15Oct24\3.D	

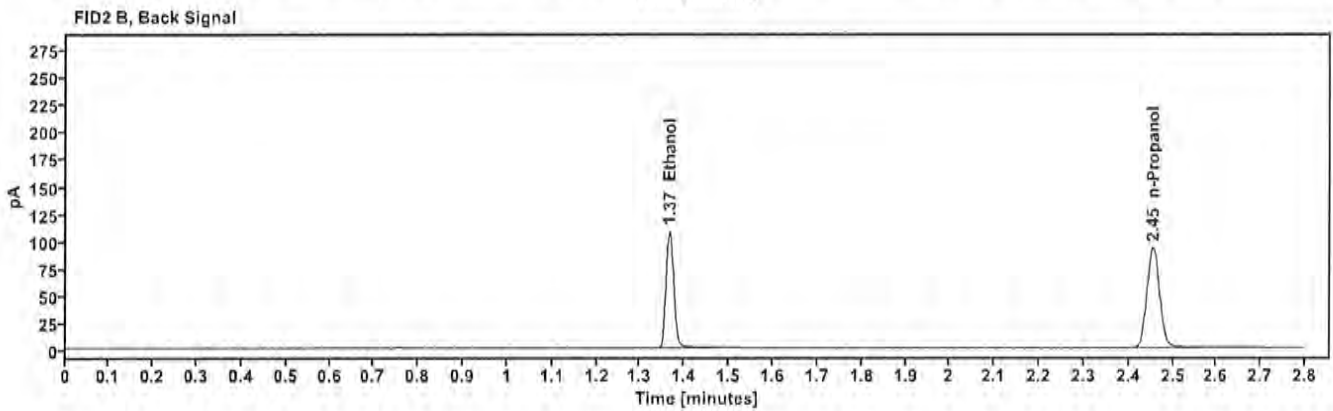
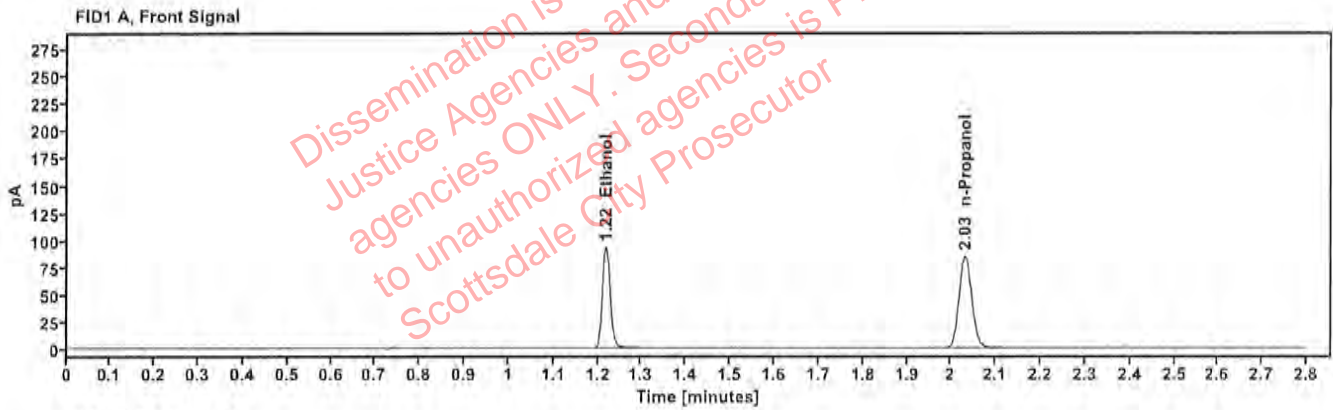


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	118.092
n-Propanol	2.031	169.290

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

Compound	Time (min)	Peak Area
Ethanol	1.366	130.056
n-Propanol	2.455	184.271

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 15Oct24
Method: ethanol quant.M	Injection date: 10/15/2024 1:06:25 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ec
Data file: C:\Chem32\1\Data\15Oct24\4.D	

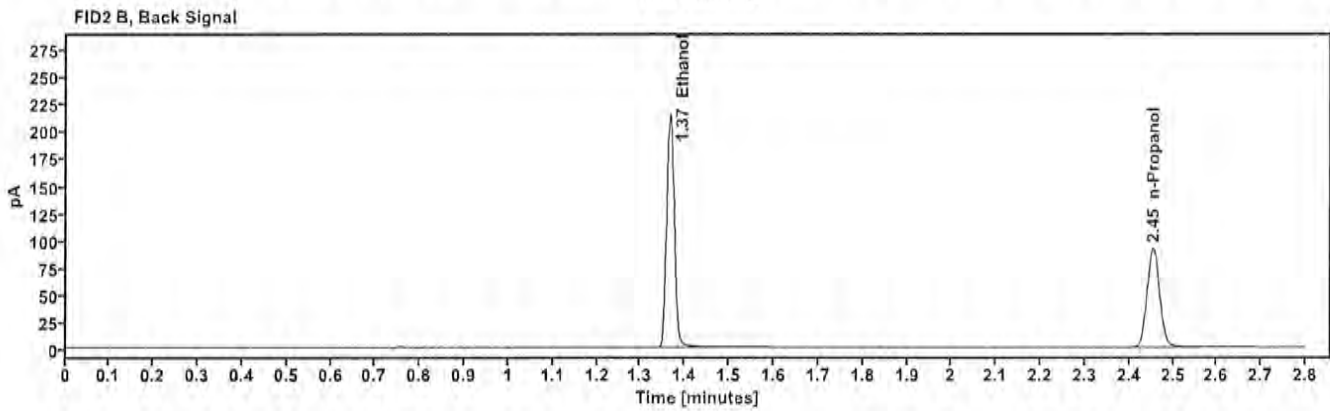
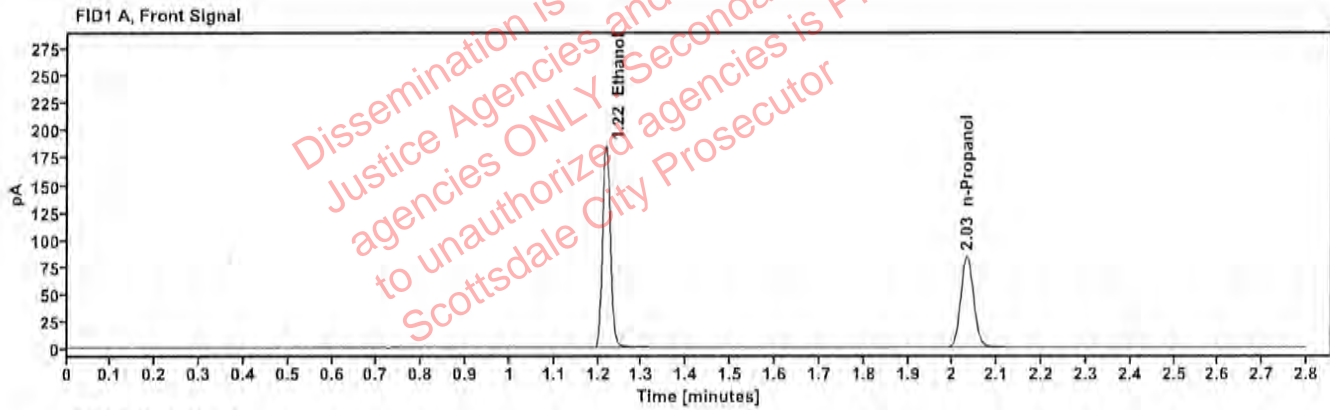


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	235.483
n-Propanol	2.031	167.446

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

Compound	Time (min)	Peak Area
Ethanol	1.366	259.529
n-Propanol	2.455	182.134

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050624WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 1:10:25 PM
Data file:	C:\Chem32\1\Data\15Oct24\5.D	Analyst:	Canonico <i>EC</i>

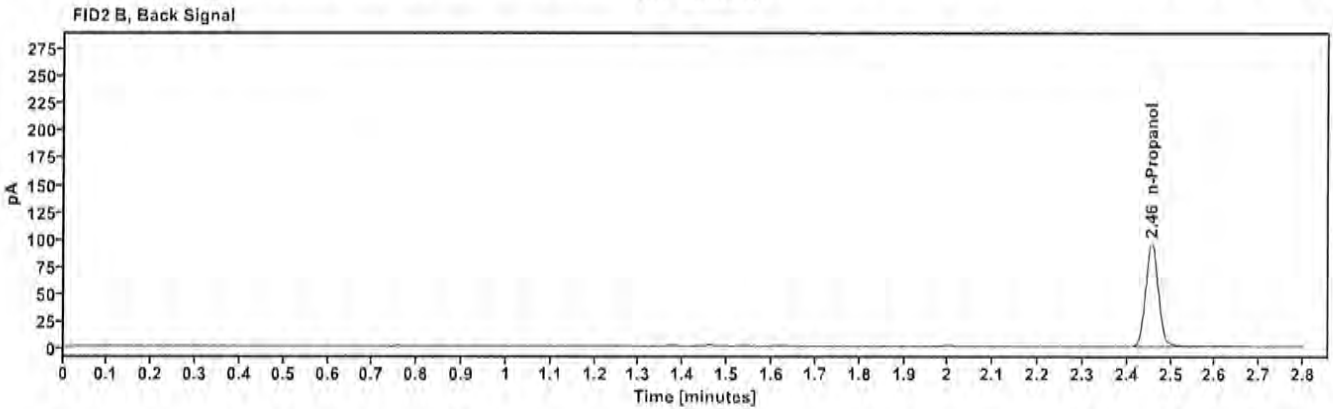
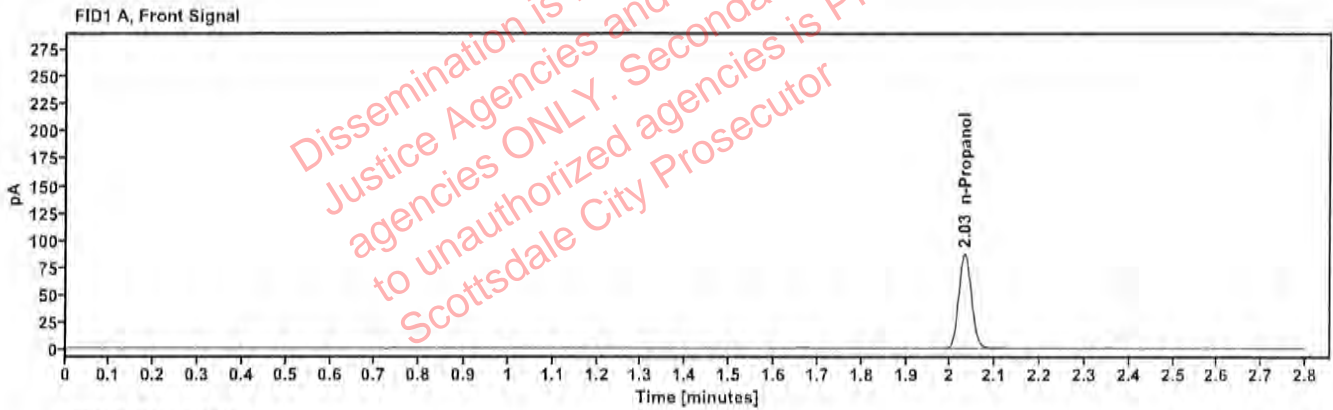


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.032	173.330

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

Compound	Time (min)	Peak Area
n-Propanol	2.456	188.709

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 1:14:25 PM
Data file:	C:\Chem32\1\Data\15Oct24\6.D	Analyst:	Canonico 80

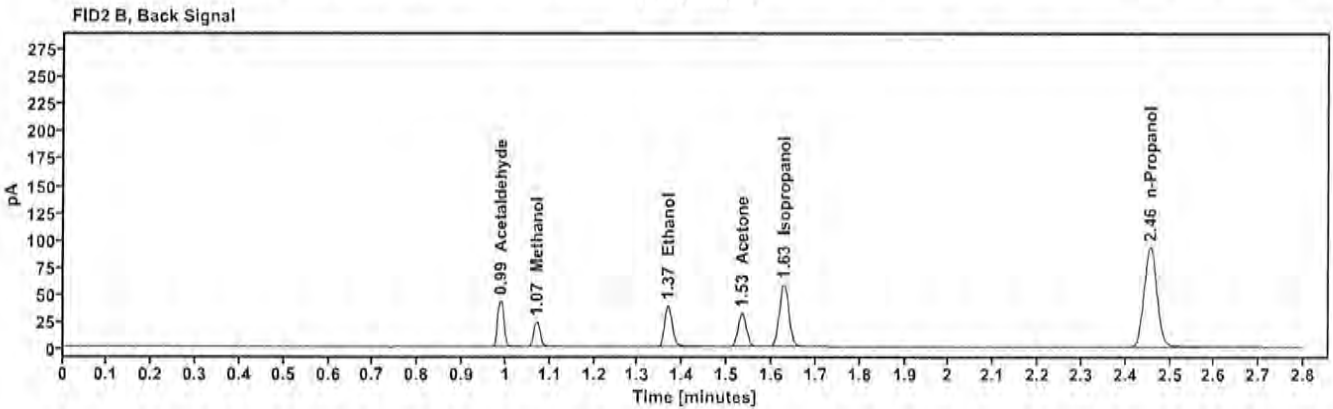
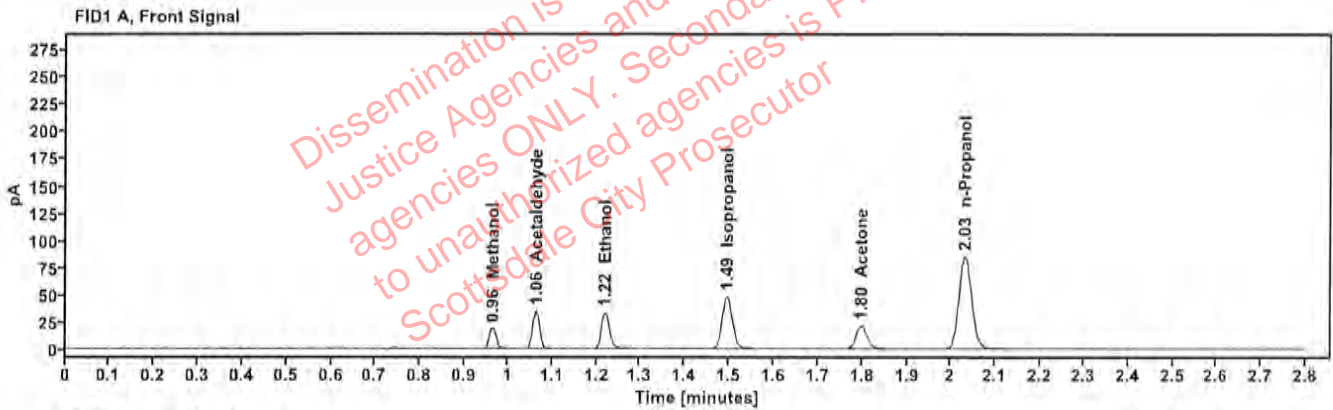


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.964	21.357
Acetaldehyde	-----	1.063	38.105
>Ethanol	0.0715	1.219	42.022
Isopropanol	-----	1.495	77.155
Acetone	-----	1.798	36.326
n-Propanol	-----	2.031	169.491

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	42.707
Methanol	1.069	23.717
Ethanol	1.367	46.086
Acetone	1.533	40.180
Isopropanol	1.628	85.236
n-Propanol	2.455	184.311

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 12052023-B	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 15Oct24
Instrument: US14173023 CN14160045	Injection date: 10/15/2024 1:18:40 PM
Data file: C:\Chem32\1\Data\15Oct24\7.D	Analyst: Canonico <i>ec</i>

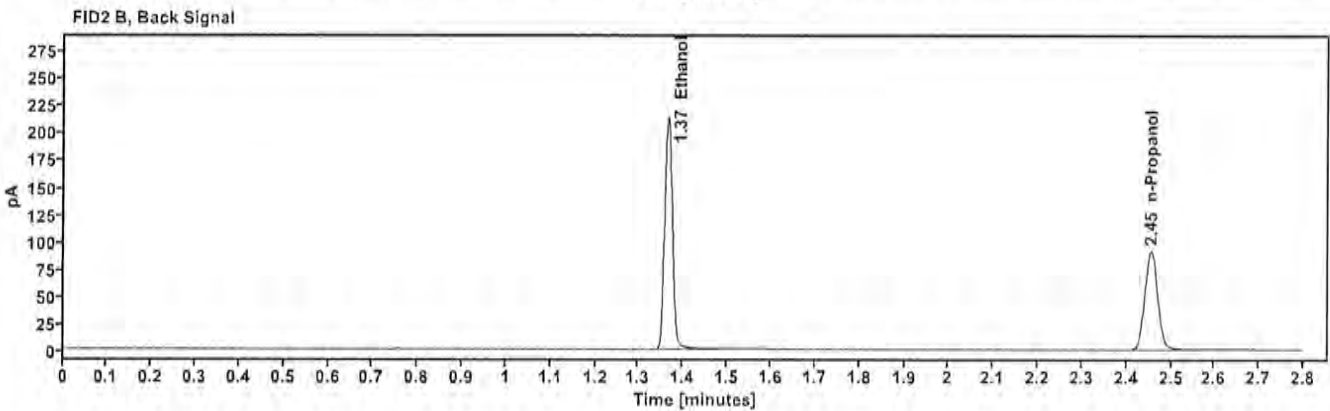
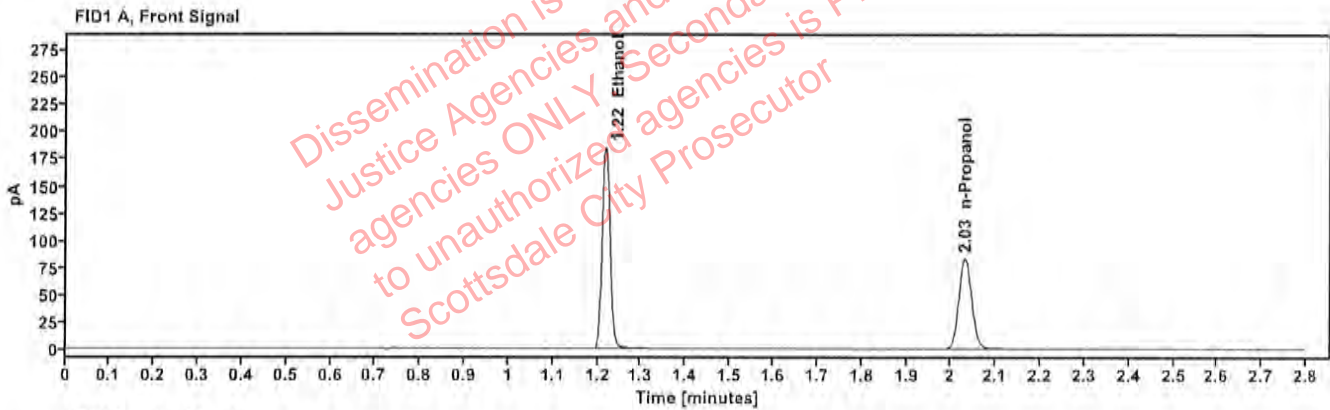


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4011	1.217	234.718
n-Propanol	---	2.031	166.642

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

Compound	Time (min)	Peak Area
Ethanol	1.366	258.823
n-Propanol	2.454	181.130

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 518018	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 15Oct24
Instrument: US14173023 CN14160045	Injection date: 10/15/2024 1:22:40 PM
Data file: C:\Chem32\1\Data\15Oct24\8.D	Analyst: Canonico <i>EC</i>

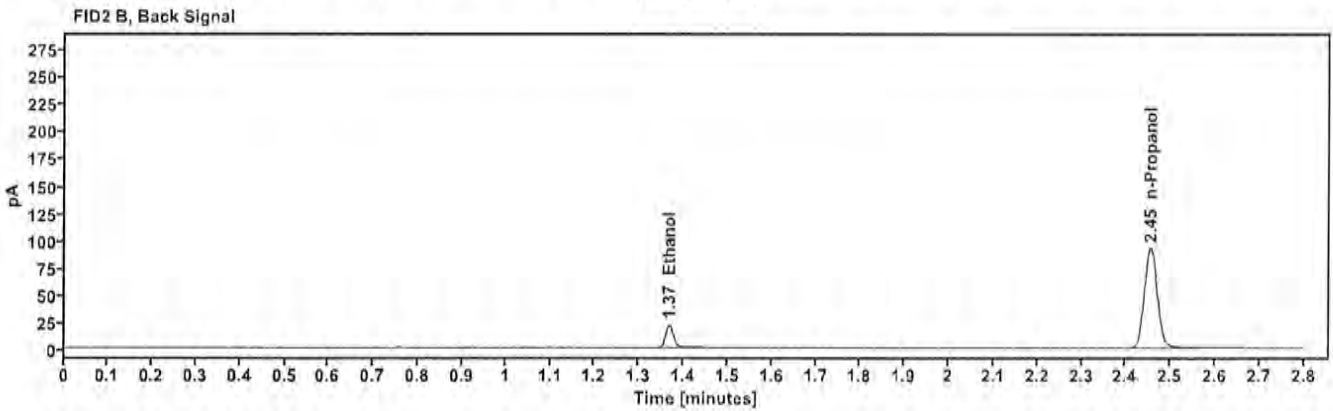
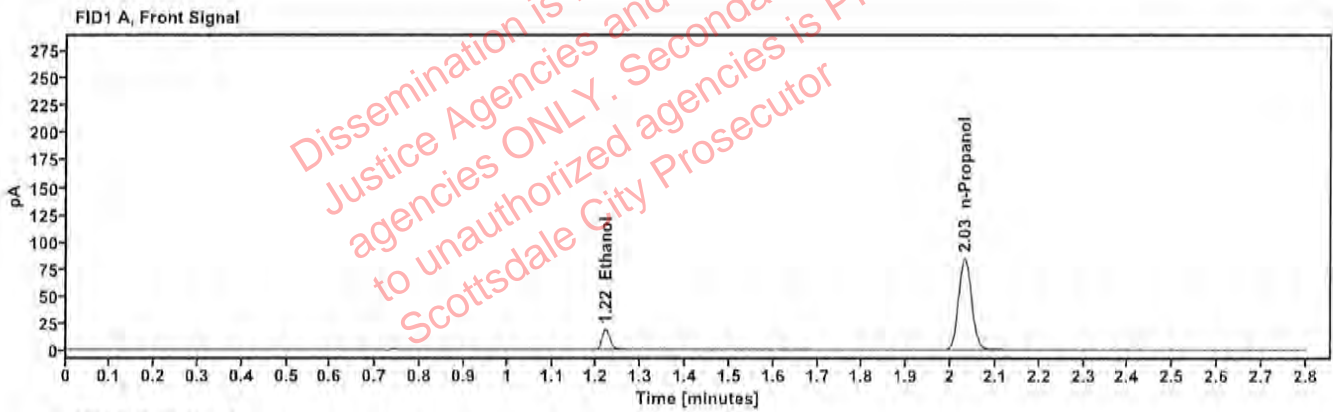


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0407	1.220	23.572
n-Propanol	---	2.031	168.997

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

Compound	Time (min)	Peak Area
Ethanol	1.367	25.822
n-Propanol	2.455	183.730

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 15Oct24
Instrument: US14173023 CN14160045	Injection date: 10/15/2024 1:26:40 PM
Data file: C:\Chem32\1\Data\15Oct24\9.D	Analyst: Canonico <i>EC</i>

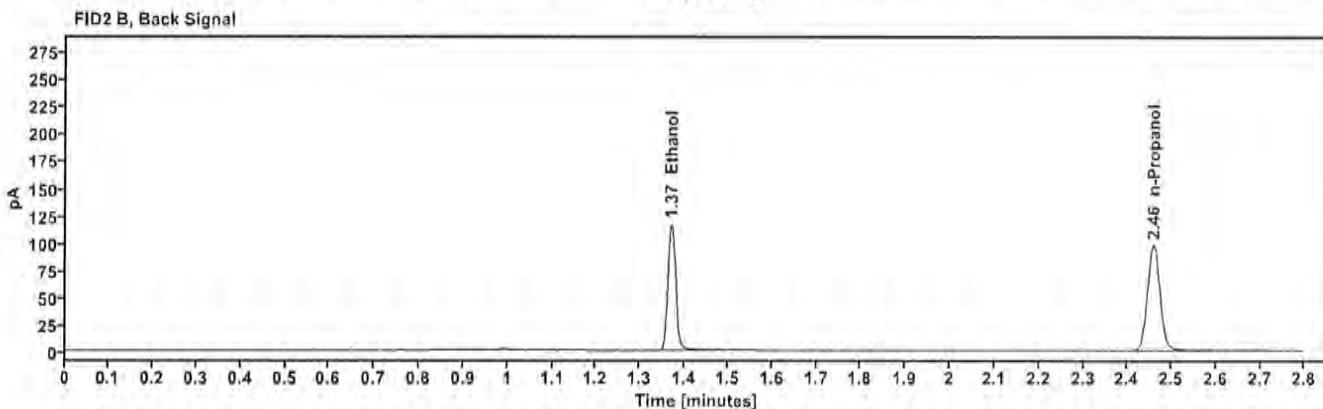
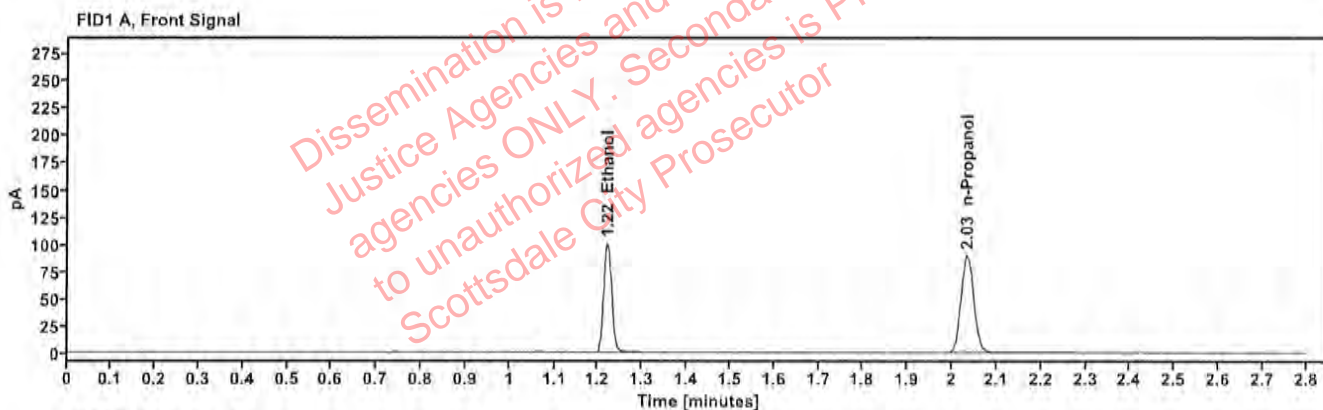


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2055	1.220	128.287
n-Propanol	-----	2.033	178.167

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

Compound	Time (min)	Peak Area
Ethanol	1.370	140.980
n-Propanol	2.458	193.883

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14180045	Injection date:	10/15/2024 2:11:10 PM
Data file:	C:\Chem32\1\Data\15Oct24\20.D	Analyst:	Canonico <i>EC</i>

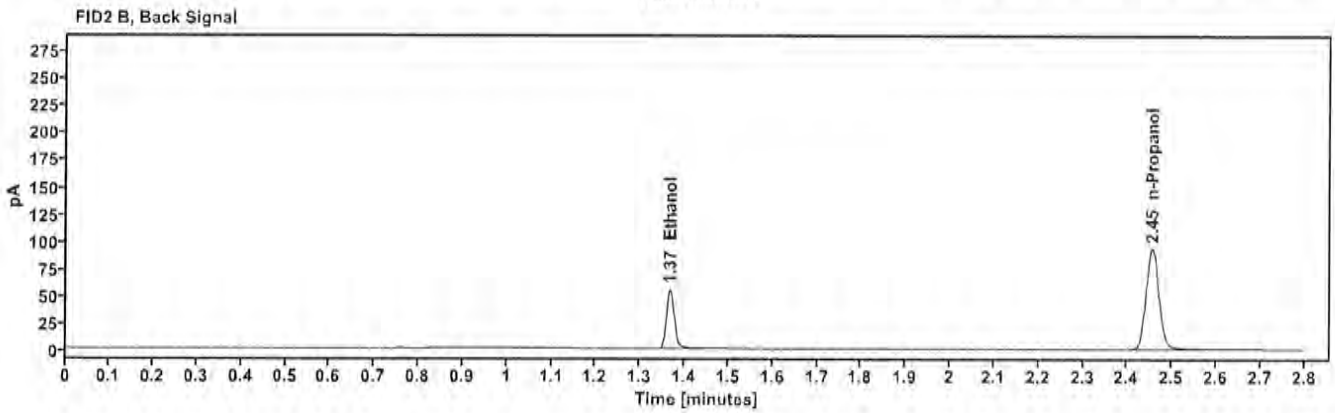
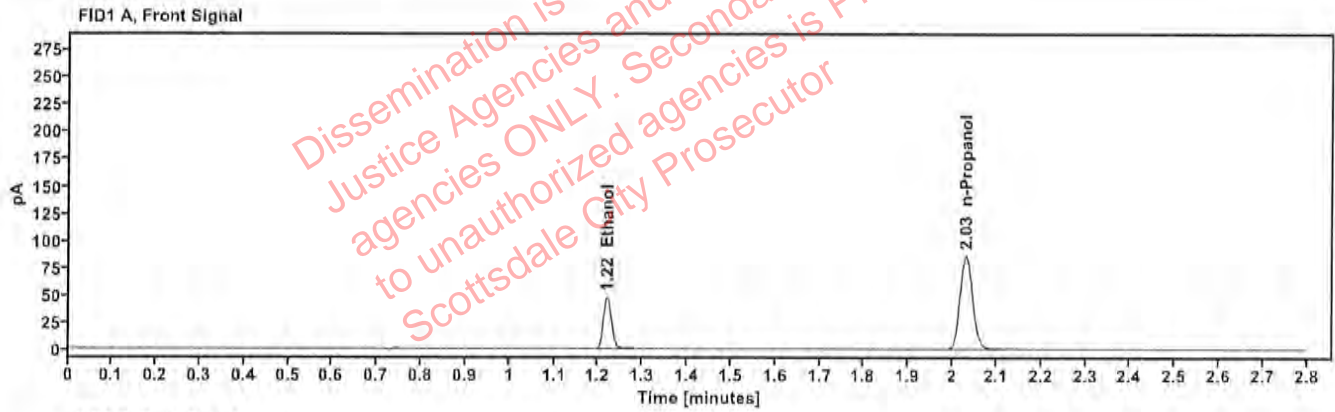


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1011	1.219	60.450
n-Propanol	-----	2.031	171.591

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

Compound	Time (min)	Peak Area
Ethanol	1.367	66.202
n-Propanol	2.455	186.433

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	Vial:	31
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:55:41 PM
Data file:	C:\Chem32\1\Data\15Oct24\31.D	Analyst:	Canonico <i>EC</i>

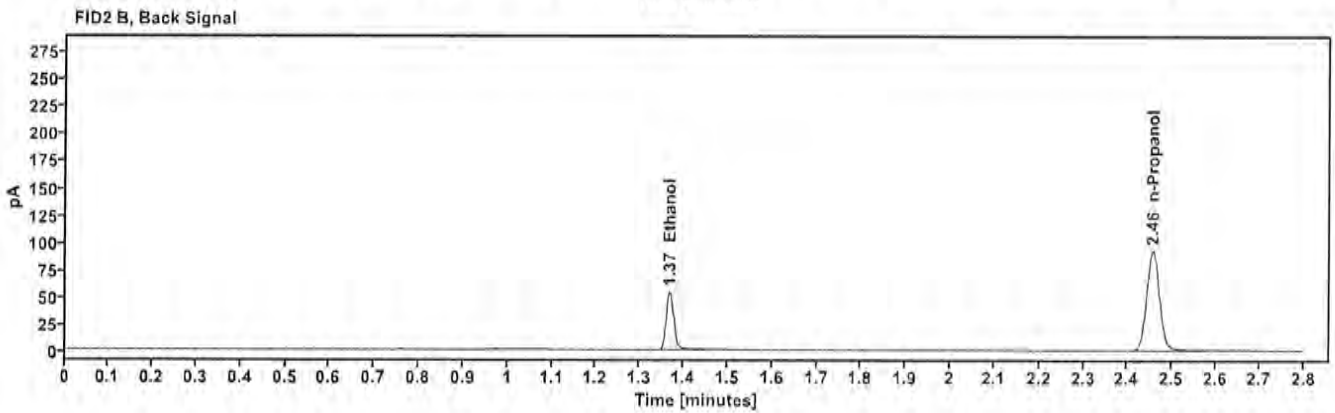
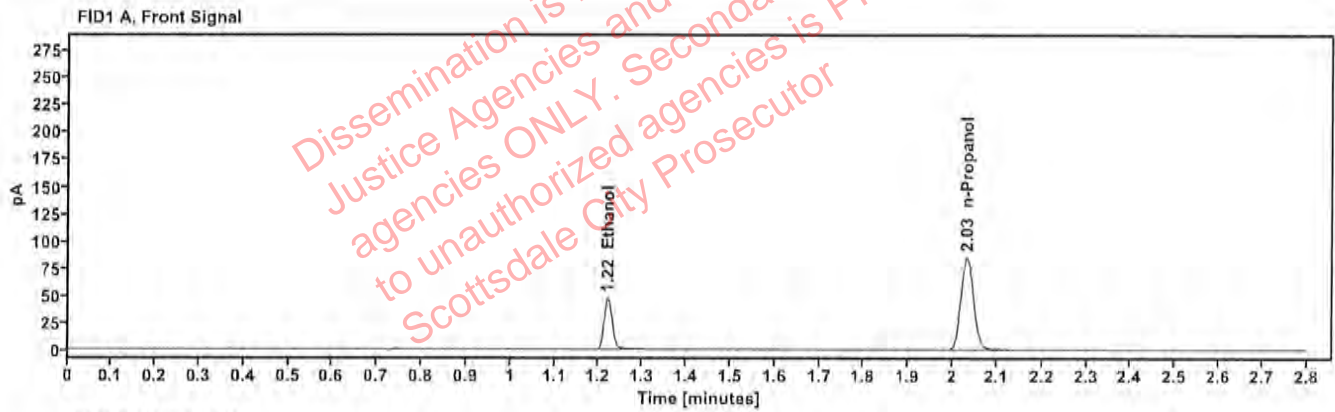


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1005	1.220	59.456
n-Propanol	-----	2.032	169.830

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

Compound	Time (min)	Peak Area
Ethanol	1.368	65.302
n-Propanol	2.456	184.511

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 12052023-B	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 15Oct24
Instrument: US14173023 CN14160045	Injection date: 10/15/2024 3:39:55 PM
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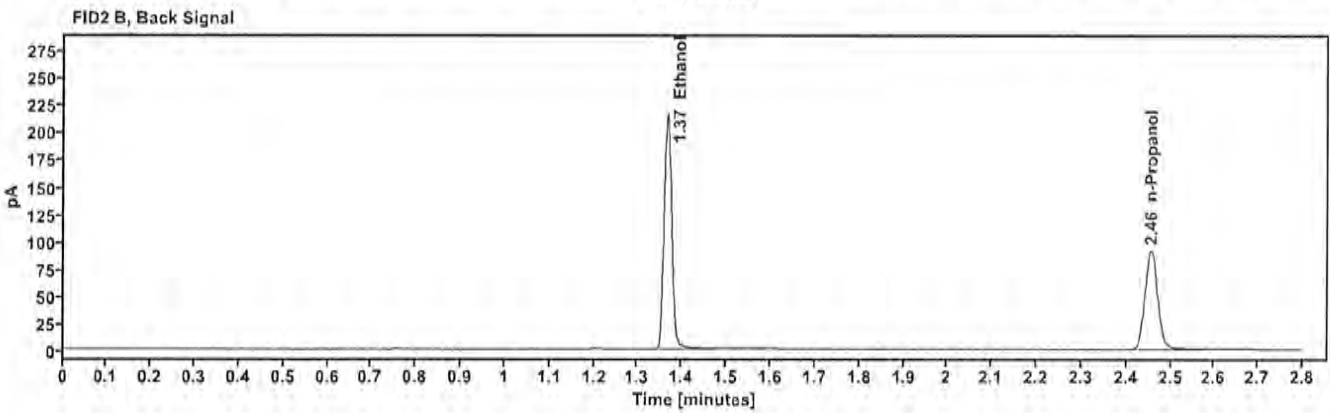
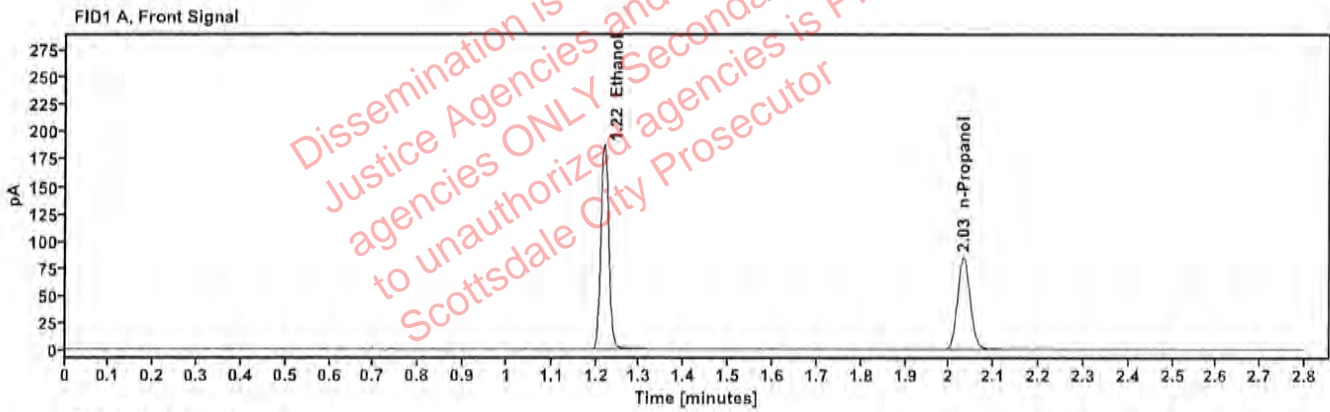


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4040	1.218	238.265
n-Propanol	---	2.032	167.942

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

Compound	Time (min)	Peak Area
Ethanol	1.367	262.478
n-Propanol	2.456	182.414

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 518018	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 15Oct24
Instrument: US14173023 CN14160045	Injection date: 10/15/2024 3:44:11 PM
Data file: C:\Chem32\1\Data\15Oct24\43.D	Analyst: Canonico <i>EC</i>

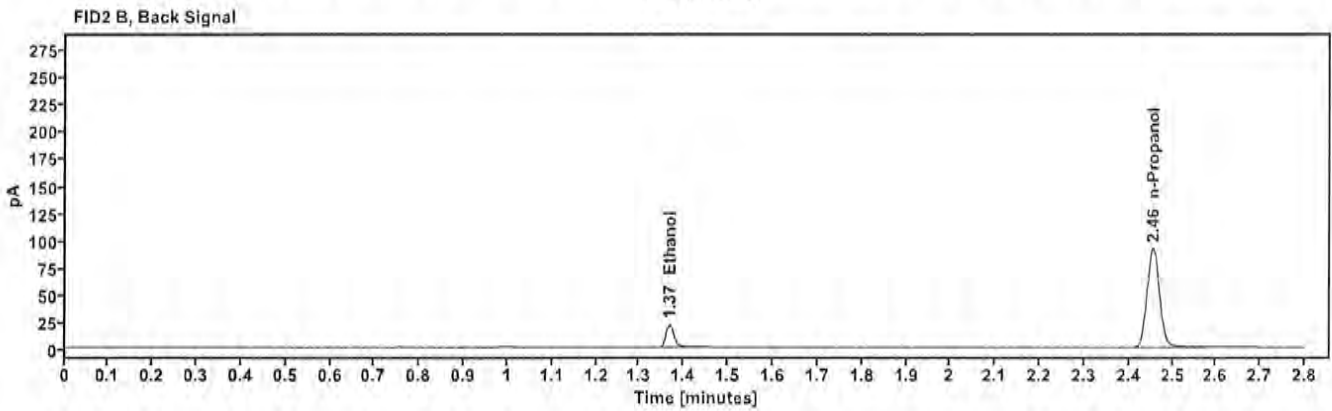
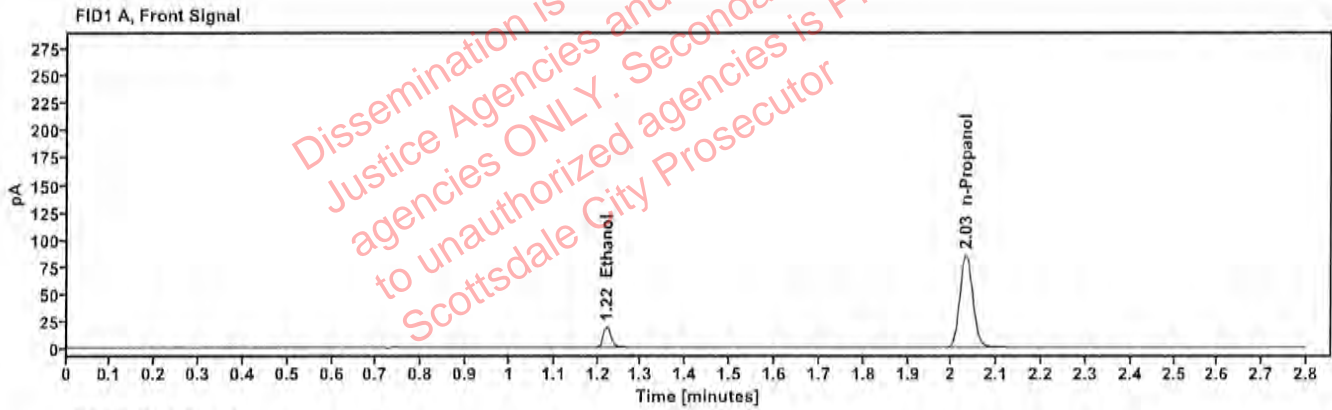


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.220	23.828
n-Propanol	—	2.031	169.417

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

Compound	Time (min)	Peak Area
Ethanol	1.368	25.949
n-Propanol	2.455	184.143

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 15Oct24
Instrument: US14173023 CN14160045	Injection date: 10/15/2024 3:48:10 PM
Data file: C:\Chem32\1\Data\15Oct24\44.D	Analyst: Canonico <i>ec</i>

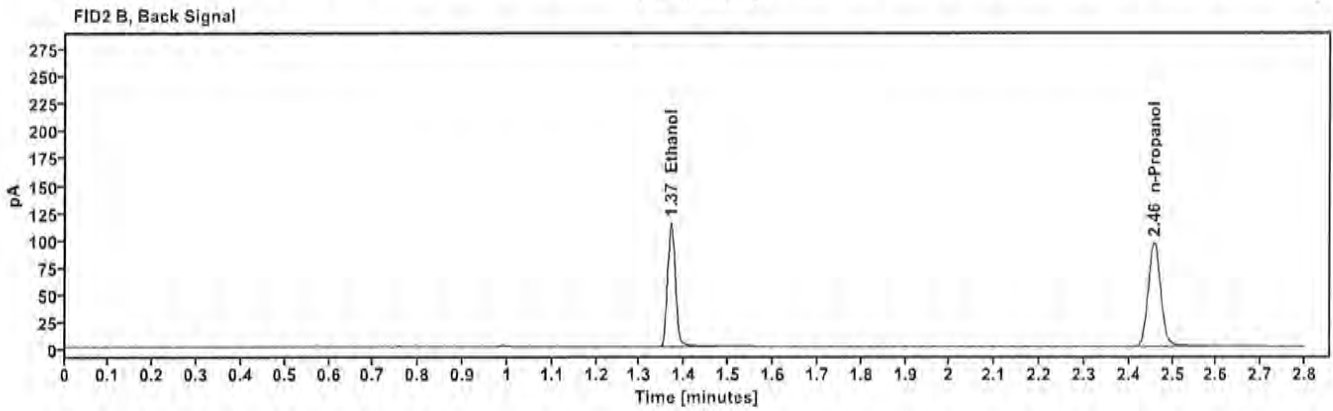
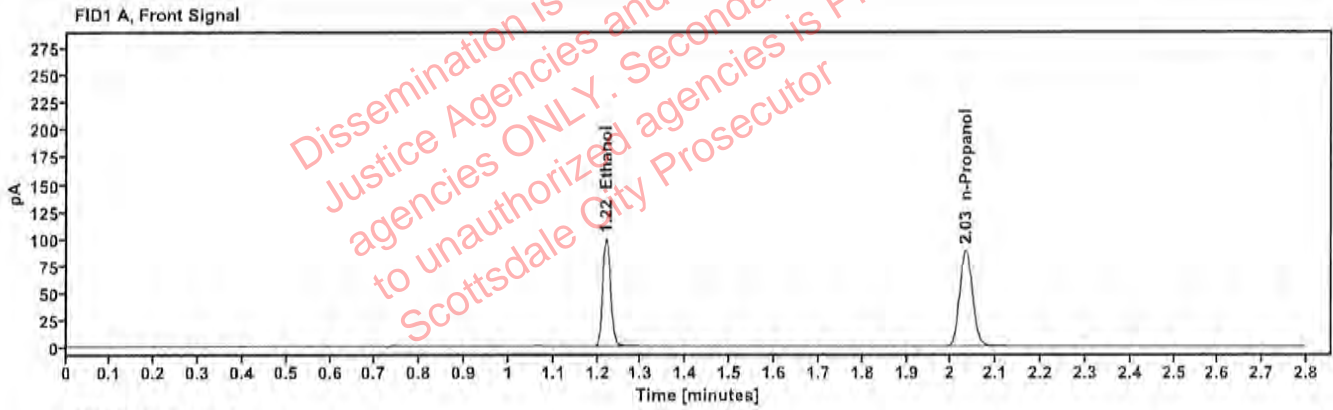


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2042	1.220	126.434
n-Propanol	-----	2.033	176.754

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

Compound	Time (min)	Peak Area
Ethanol	1.369	139.165
n-Propanol	2.457	192.084

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 090524AQ	Vial: 45
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 15Oct24
Instrument: US14173023 CN14160045	Injection date: 10/15/2024 3:52:10 PM
Data file: C:\Chem32\1\Data\15Oct24\45.D	Analyst: Canonico <i>SC</i>

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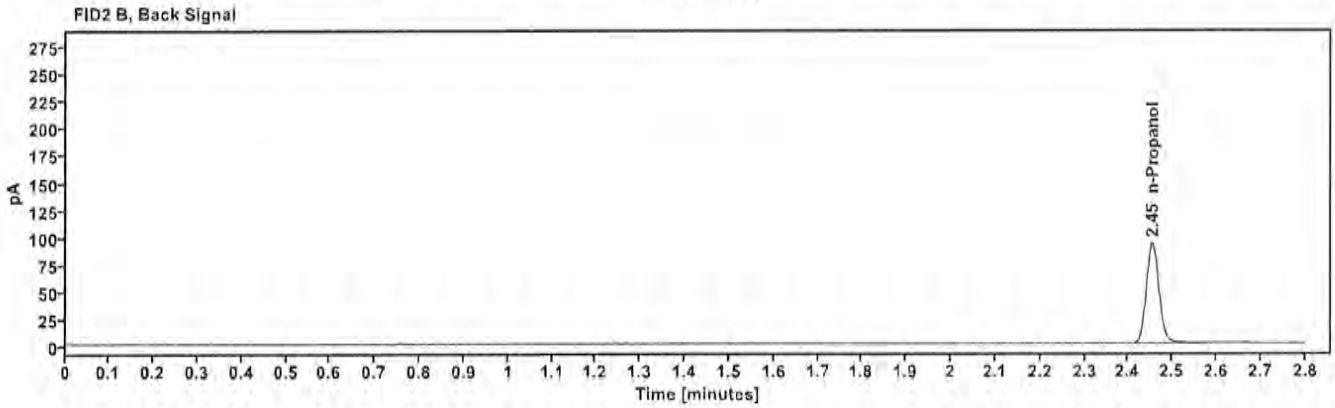
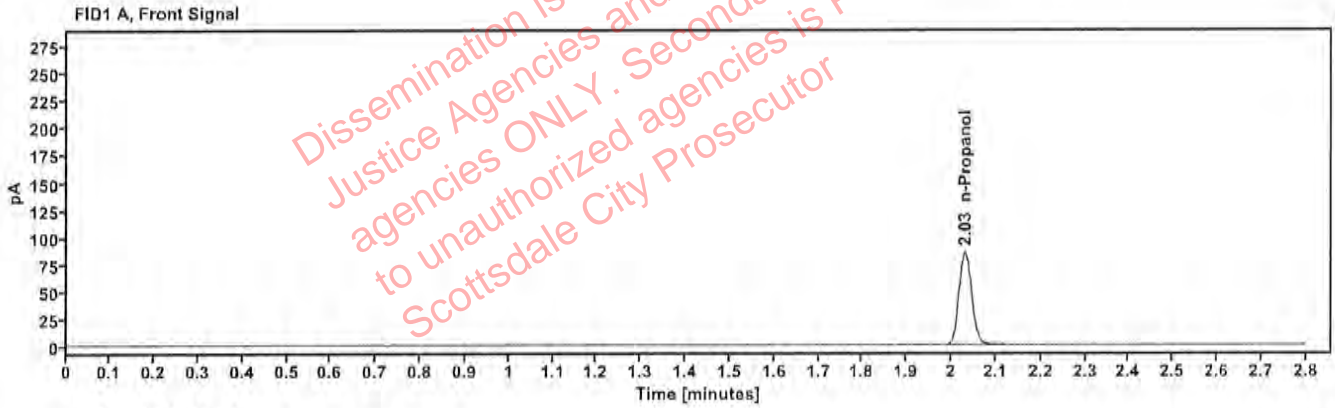


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.031	170.158

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

Compound	Time (min)	Peak Area
n-Propanol	2.455	184.877

Sequence Summary

Sequence name: 15Oct24 Instrument: US14173023 CN14160045 Analyst: Canonico *ec*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN03072301	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	050624WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	4110320133/11	0.199	Control		ethanol quant.M
10	2420159-1		Sample		ethanol quant.M
11	2420159-1		Sample		ethanol quant.M
12	347-01D.R.		Sample		ethanol quant.M
13	347-01D.R.		Sample		ethanol quant.M
14	436-01A.R.		Sample		ethanol quant.M
15	436-01A.R.		Sample		ethanol quant.M
16	383-01K.E.		Sample		ethanol quant.M
17	383-01K.E.		Sample		ethanol quant.M
18	433-01J.D.		Sample		ethanol quant.M
19	433-01J.D.		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	383-01A.C.		Sample		ethanol quant.M
22	383-01A.C.		Sample		ethanol quant.M
23	383-01R.C.		Sample		ethanol quant.M
24	383-01R.C.		Sample		ethanol quant.M
25	2420102-2		Sample		ethanol quant.M
26	2420102-2		Sample		ethanol quant.M
27	2419436-2		Sample		ethanol quant.M
28	2419436-2		Sample		ethanol quant.M
29	2420376-1		Sample		ethanol quant.M
30	2420376-1		Sample		ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2418479-2		Sample		ethanol quant.M
33	2418479-2		Sample		ethanol quant.M
34	2419771-1		Sample		ethanol quant.M
35	2419771-1		Sample		ethanol quant.M
36	2420515-2		Sample		ethanol quant.M
37	2420515-2		Sample		ethanol quant.M
38	2420429-2		Sample		ethanol quant.M
39	2420429-2		Sample		ethanol quant.M
40	2420564-1		Sample		ethanol quant.M
41	2420564-1		Sample		ethanol quant.M
42	12052023-B	0.400	Control		ethanol quant.M
43	518018	0.040	Control		ethanol quant.M
44	4110320133/11	0.199	Control		ethanol quant.M
45	090524AQ	Negative	Control		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 15Oct24

ANALYST: Canonico

EQ

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1979	0.1953	0.19660	0.66	0.00130
12 13	0.1583	0.1591	0.15870	0.25	0.00040
14 15	0.1169	0.1181	0.11750	0.51	0.00060
16 17	0.2937	0.2950	0.29435	0.22	0.00065
18 19	0.1493	0.1524	0.15085	1.03	0.00155
21 22	0.0104	0.0103	0.01035	0.48	0.00005
23 24	0.1659	0.1697	0.16780	1.13	0.00190
25 26	0.1062	0.1072	0.10670	0.47	0.00050
27 28	0.1786	0.1769	0.17775	0.48	0.00085
29 30	0.2709	0.2724	0.27165	0.28	0.00075
32 33	0.2762	0.2752	0.27570	0.18	0.00050
34 35	0.1683	0.1687	0.16850	0.12	0.00020
36 37	0.2333	0.2309	0.23210	0.52	0.00120
38 39	0.1566	0.1550	0.15580	0.51	0.00080
40 41	0.1360	0.1373	0.13665	0.48	0.00065

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420159-1	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 1:30:41 PM
Data file:	C:\Chem32\1\Data\15Oct24\10.D	Analyst:	Canonico

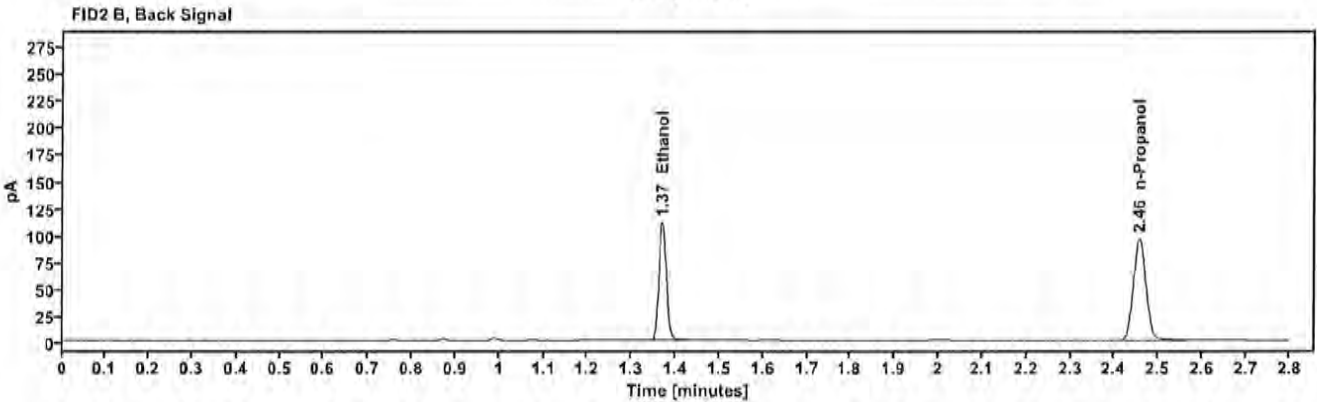
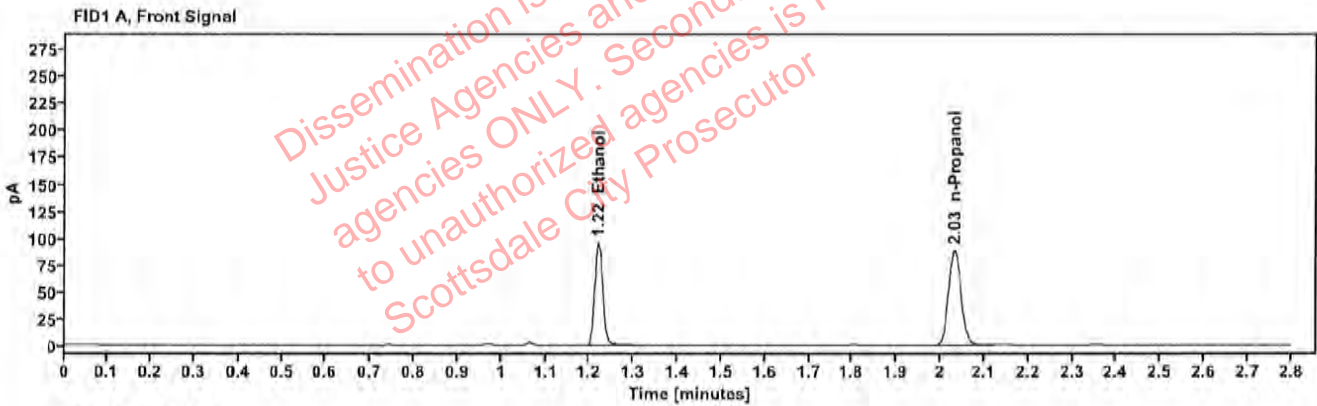


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1979	1.219	121.836
n-Propanol	---	2.032	175.806

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

Compound	Time (min)	Peak Area
Ethanol	1.369	133.931
n-Propanol	2.456	191.086

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420159-1	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 1:34:40 PM
Data file:	C:\Chem32\1\Data\15Oct24\11.D	Analyst:	Canonico

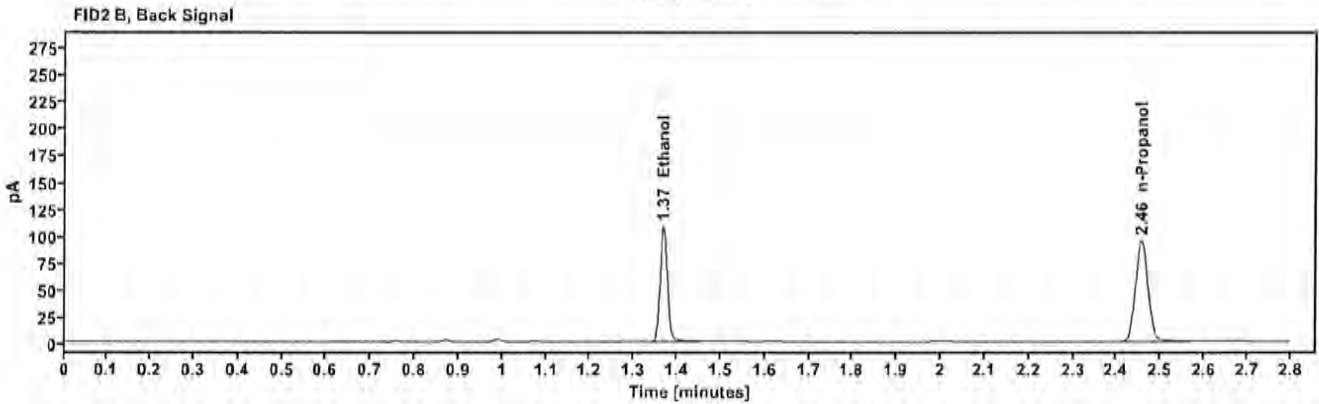
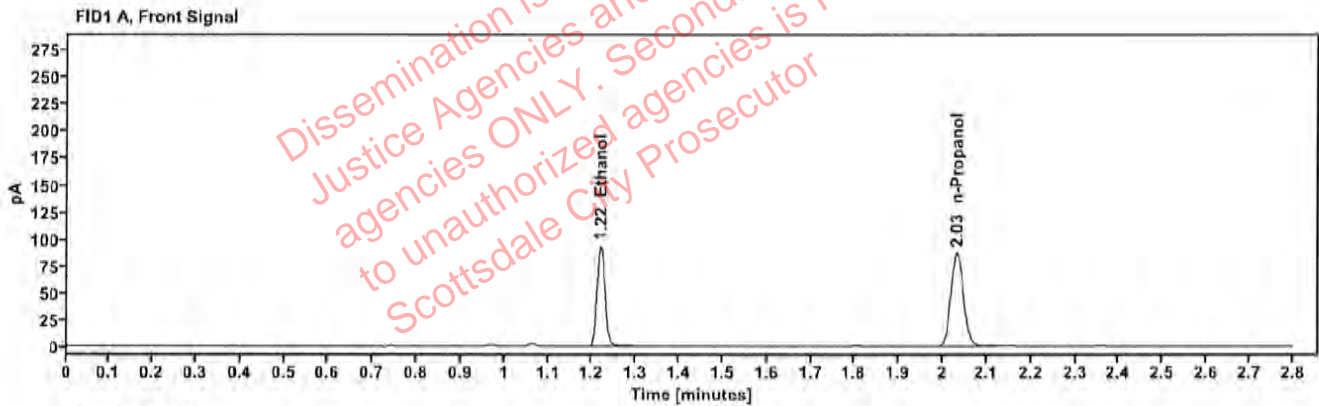


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1953	1.219	118.283
n-Propanol	—	2.032	172.960

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

Compound	Time (min)	Peak Area
Ethanol	1.367	129.838
n-Propanol	2.456	187.960

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	347-01D.R.	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.mv	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 1:38:40 PM
Data file:	C:\Chem32\1\Data\15Oct24\12.D	Analyst:	Canonico

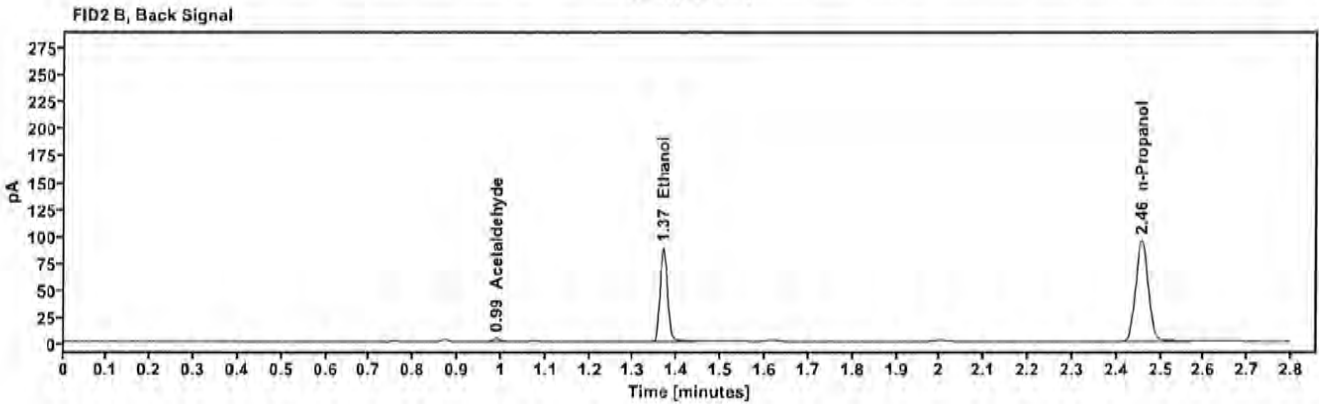
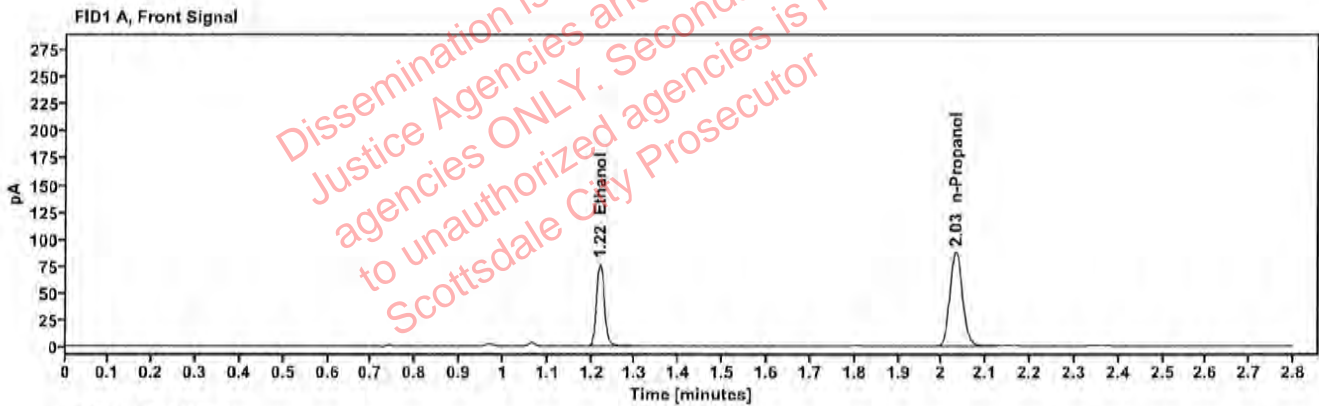


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1583	1.219	96.725
n-Propanol	---	2.032	174.665

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	3.753
Ethanol	1.368	106.200
n-Propanol	2.457	189.084

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	347-01D.R.	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 1:42:55 PM
Data file:	C:\Chem32\1\Data\15Oct24\13.D	Analyst:	Canonico

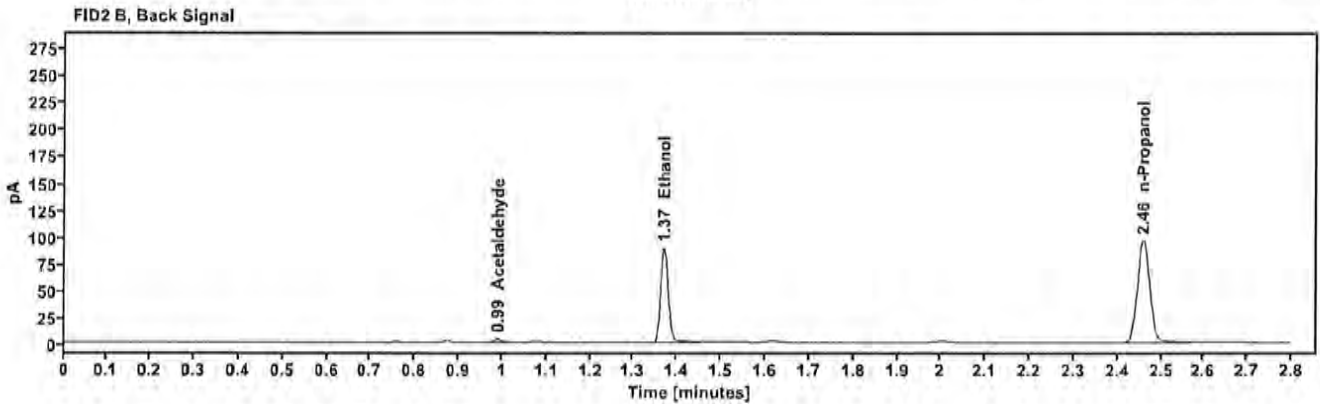
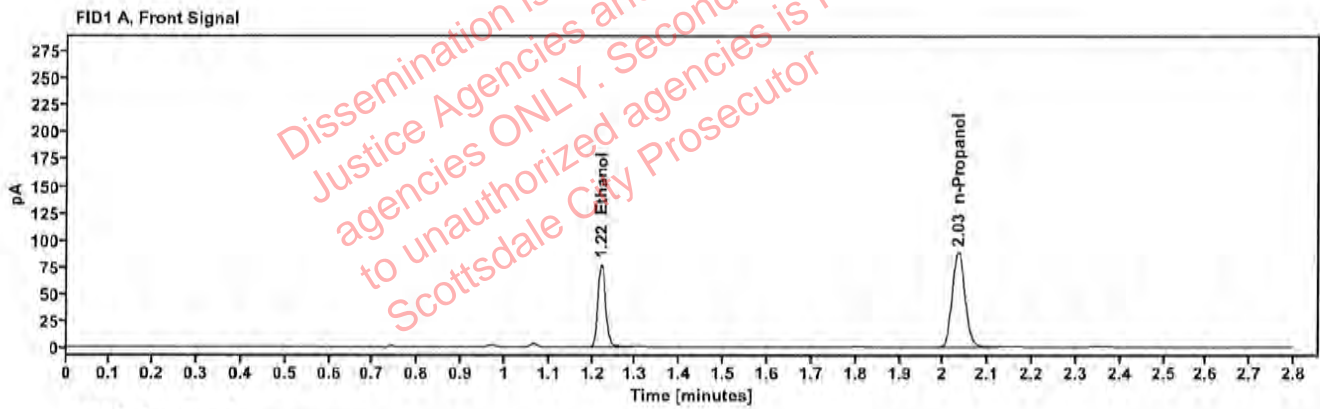


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1591	1.220	98.237
n-Propanol	—	2.034	176.559

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	3.772
Ethanol	1.369	108.023
n-Propanol	2.458	191.214

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	436-01A.R.	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 1:46:56 PM
Data file:	C:\Chem32\1\Data\15Oct24\14.D	Analyst:	Canonico

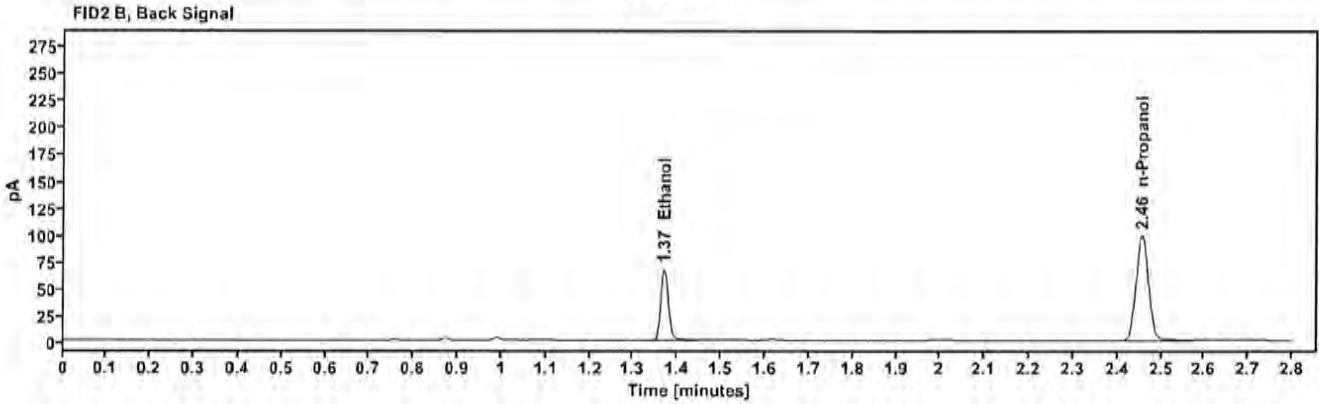
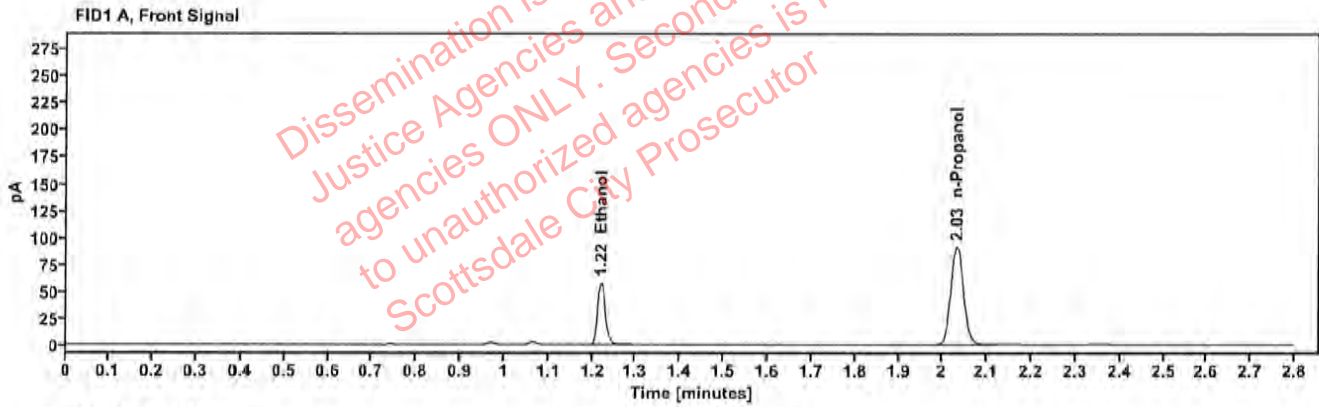


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1169	1.220	74.161
n-Propanol	---	2.032	181.868

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

Compound	Time (min)	Peak Area
Ethanol	1.369	81.326
n-Propanol	2.456	197.983

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	436-01A.R.	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 1:50:55 PM
Data file:	C:\Chem32\1\Data\15Oct24\15.D	Analyst:	Canonico

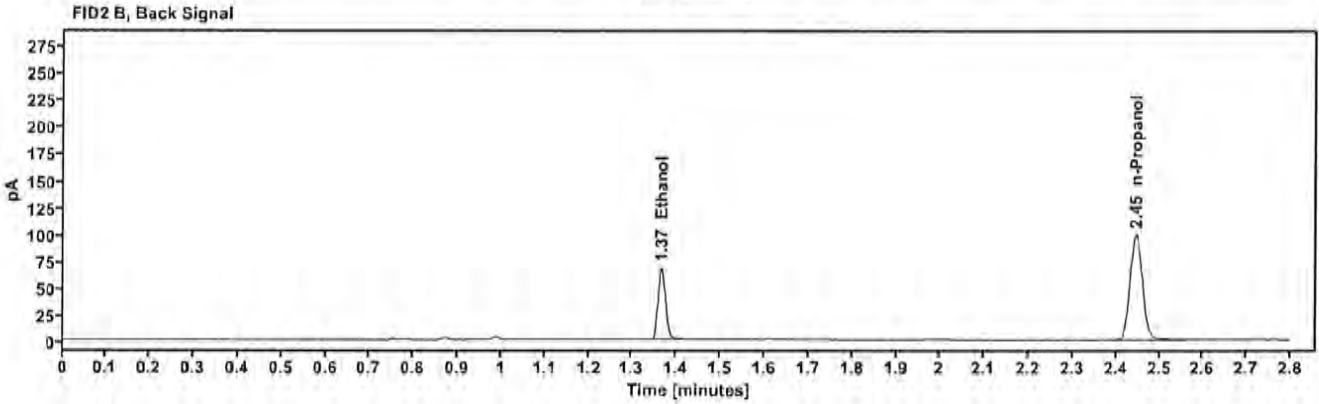
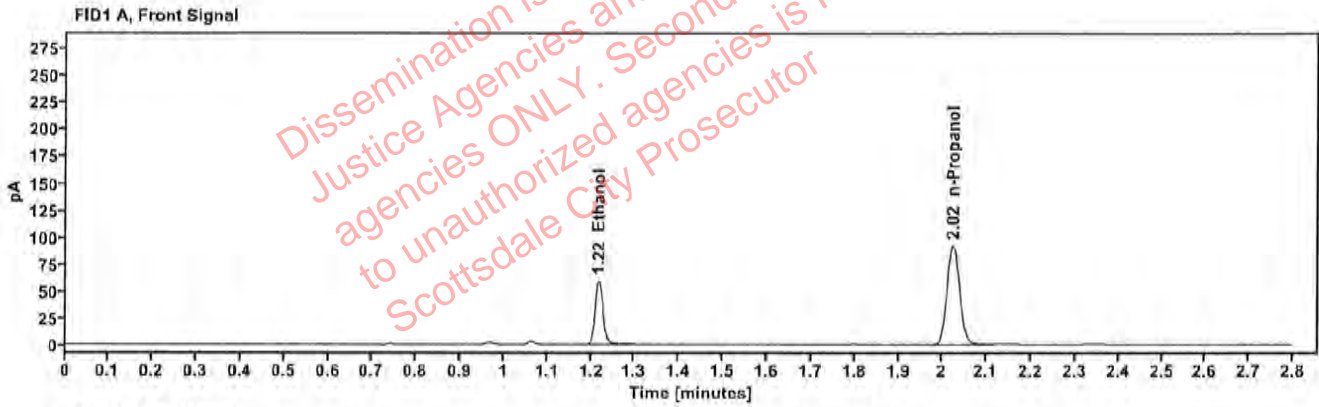


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1181	1.217	75.183
n-Propanol	—	2.024	182.365

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

Compound	Time (min)	Peak Area
Ethanol	1.366	81.896
n-Propanol	2.446	198.109

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01K.E.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 1:54:55 PM
Data file:	C:\Chem32\1\Data\15Oct24\16.D	Analyst:	Canonico

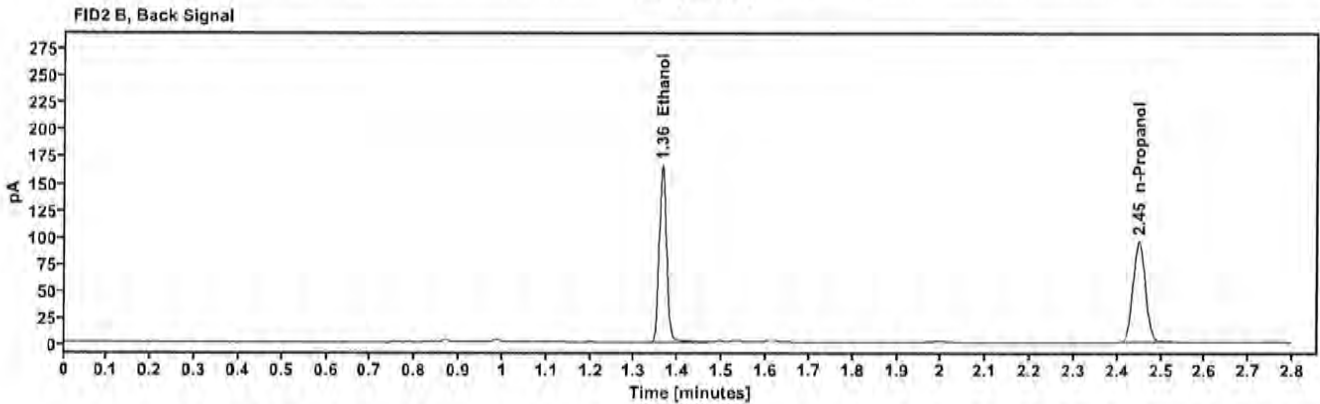
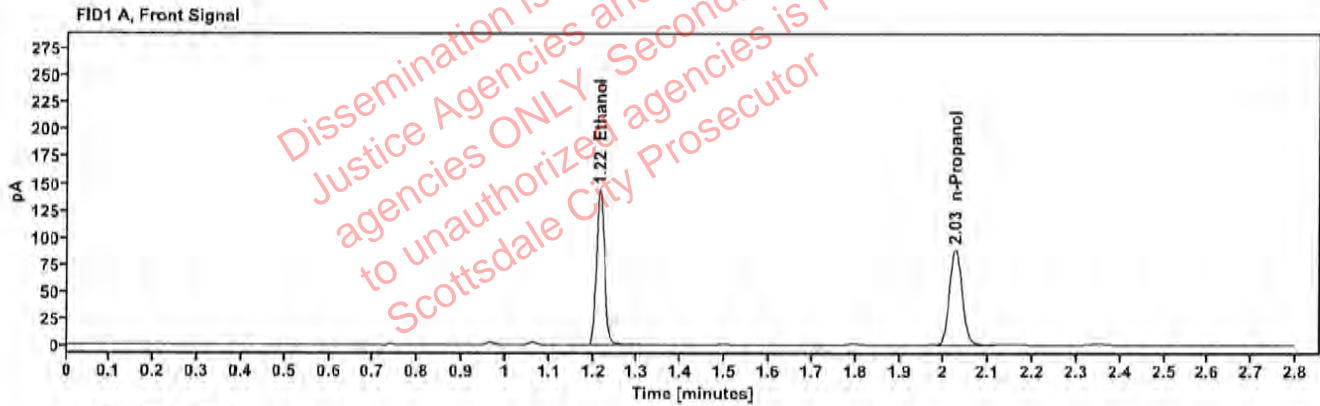


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2937	1.215	181.774
n-Propanol	—	2.026	176.417

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

Compound	Time (min)	Peak Area
Ethanol	1.363	201.252
n-Propanol	2.449	190.098

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01K.E.	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 1:58:55 PM
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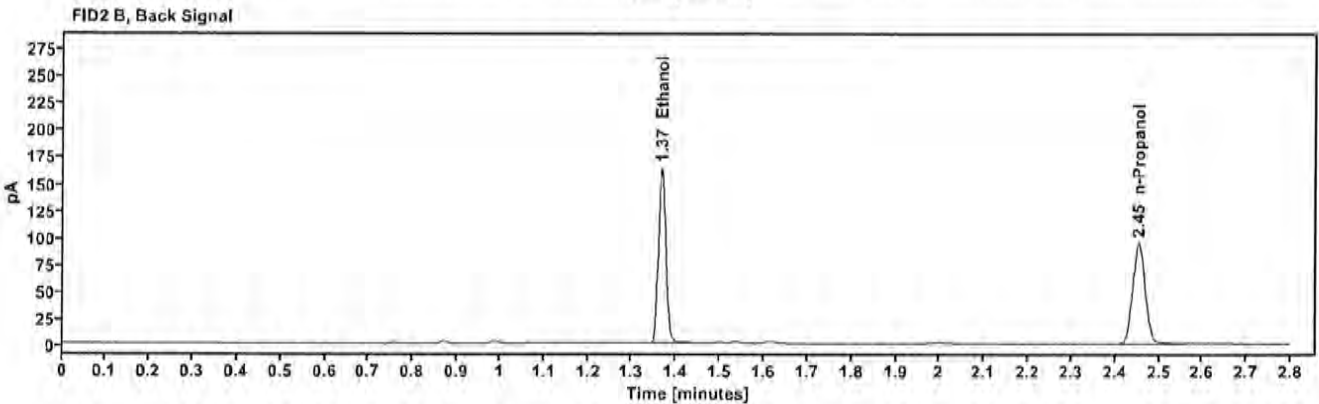
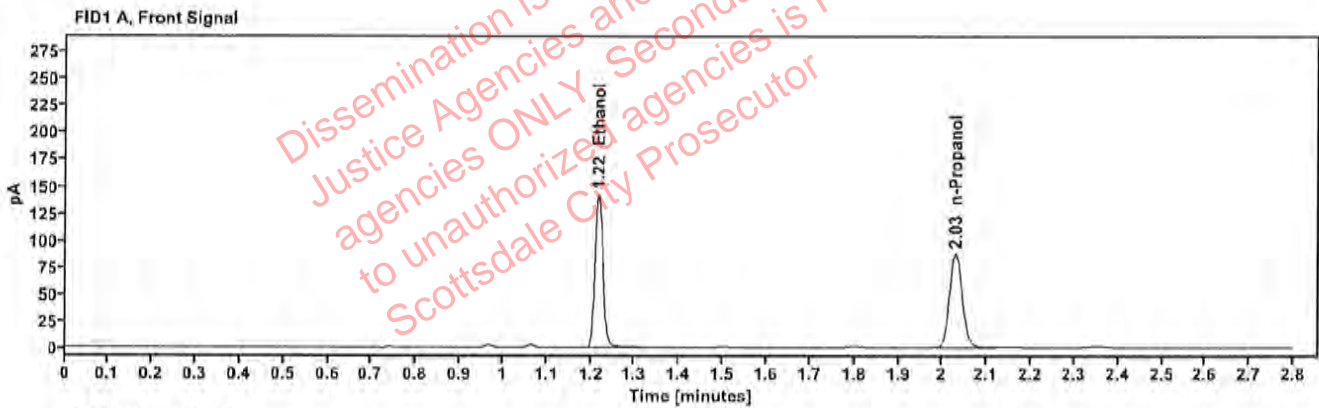


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2950	1.217	179.874
n-Propanol	---	2.029	173.762

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

Compound	Time (min)	Peak Area
Ethanol	1.366	198.642
n-Propanol	2.453	187.293

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	433-01J.D.	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:02:55 PM
Data file:	C:\Chem32\1\Data\15Oct24\18.D	Analyst:	Canonico

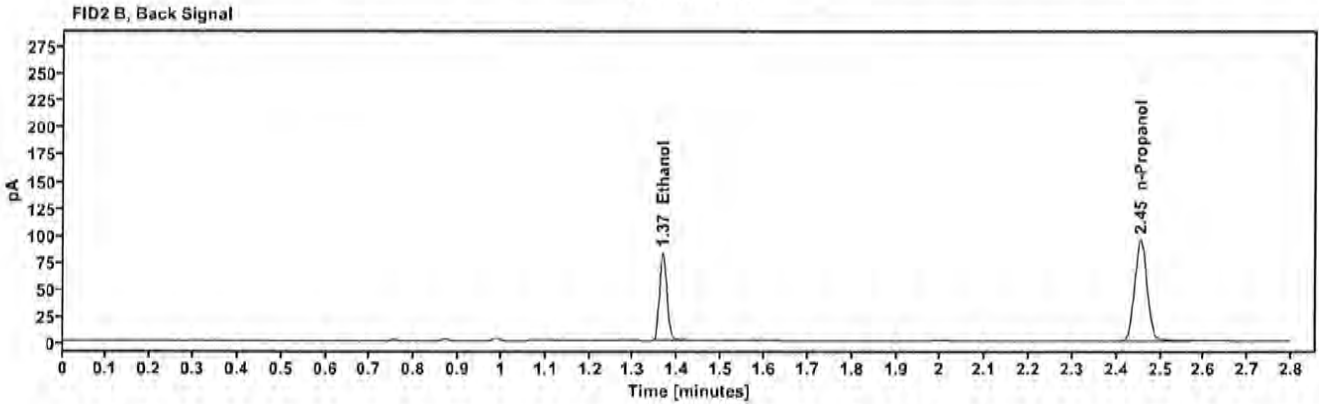
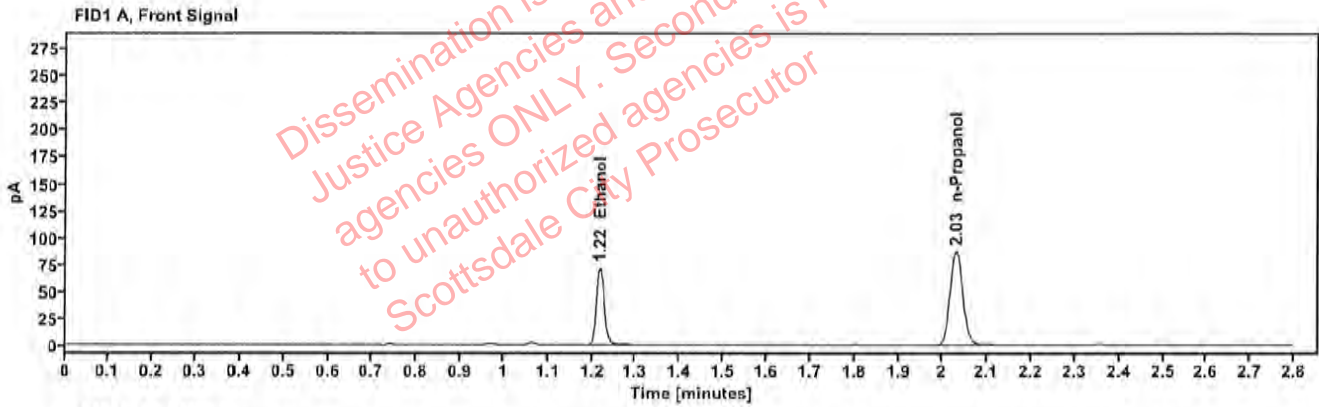


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1493	1.218	90.920
n-Propanol	—	2.030	174.215

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

Compound	Time (min)	Peak Area
Ethanol	1.366	99.542
n-Propanol	2.454	189.443

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	433-01J.D.	Vial:	19
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:07:10 PM
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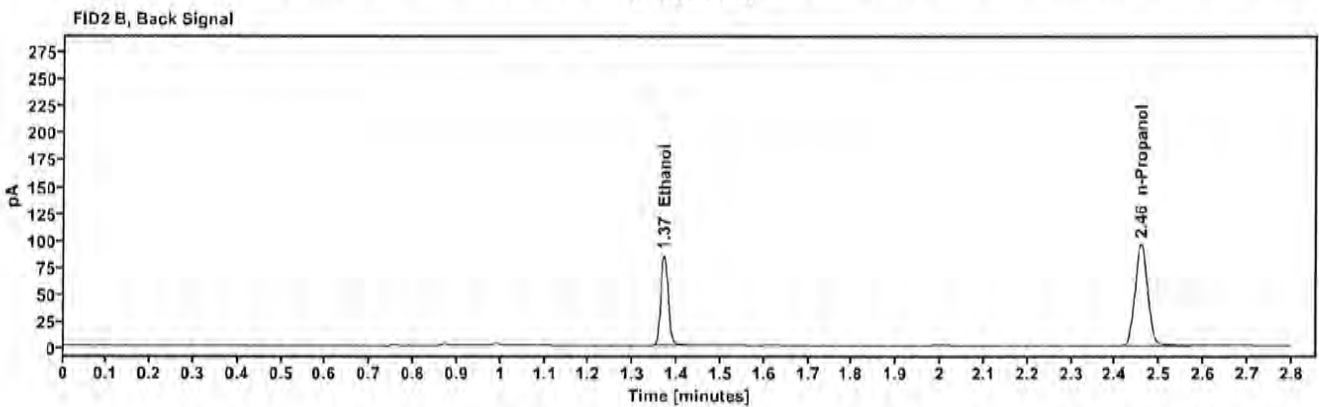
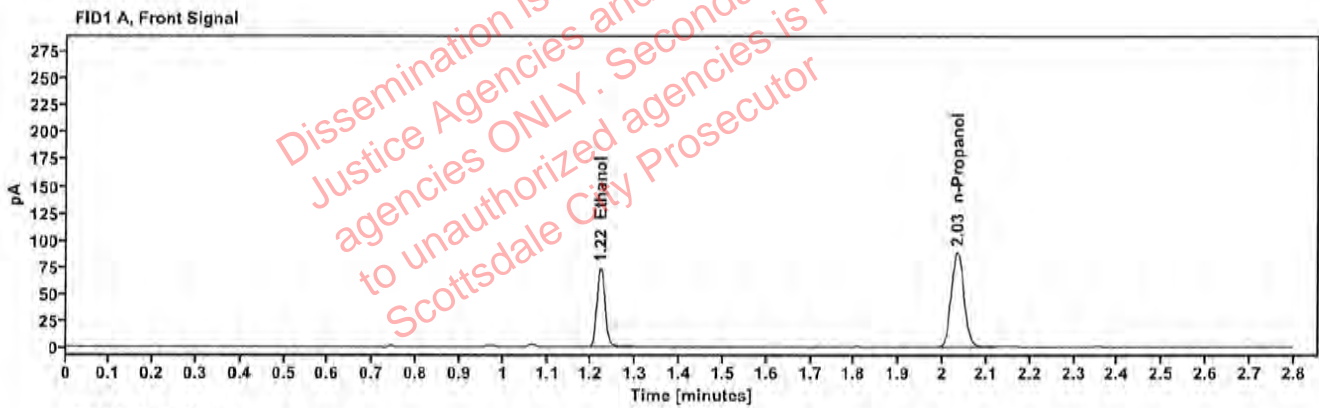


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1524	1.220	93.901
n-Propanol	---	2.033	176.200

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

Compound	Time (min)	Peak Area
Ethanol	1.370	102.833
n-Propanol	2.458	191.480

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01A.C.	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:15:11 PM
Data file:	C:\Chem32\1\Data\15Oct24\21.D	Analyst:	Canonico

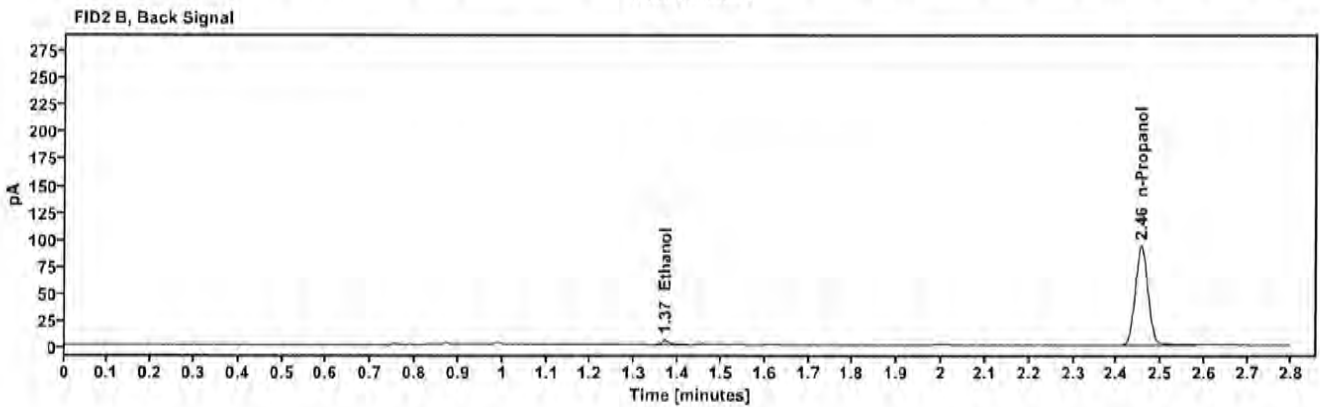
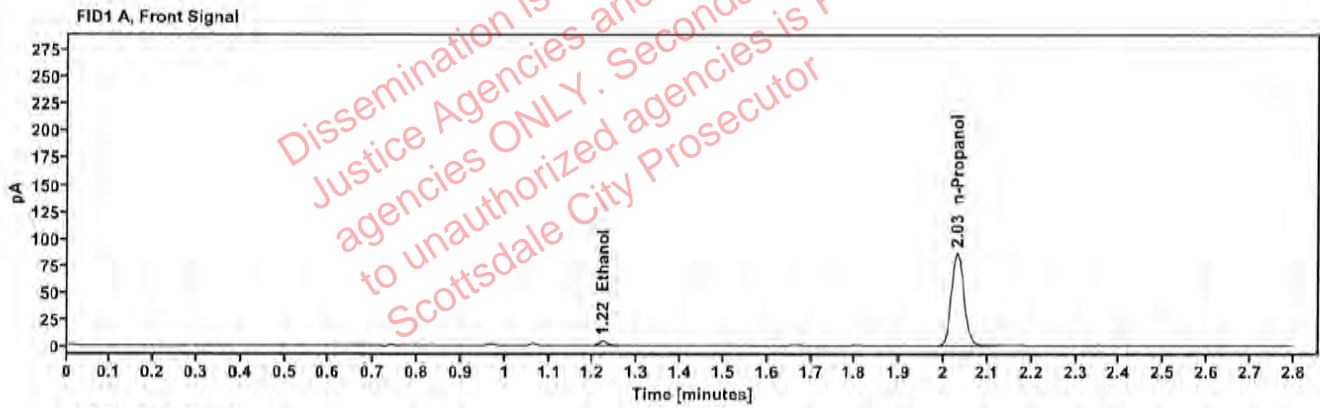


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0104	1.222	5.601
n-Propanol	—	2.031	171.357

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

Compound	Time (min)	Peak Area
Ethanol	1.370	6.214
n-Propanol	2.455	186.743

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01A.C.	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:19:11 PM
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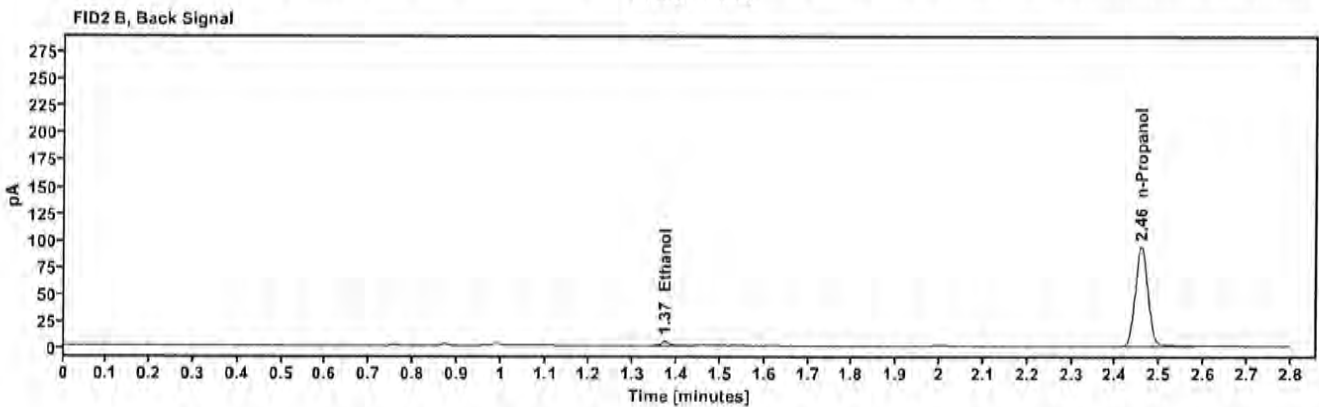
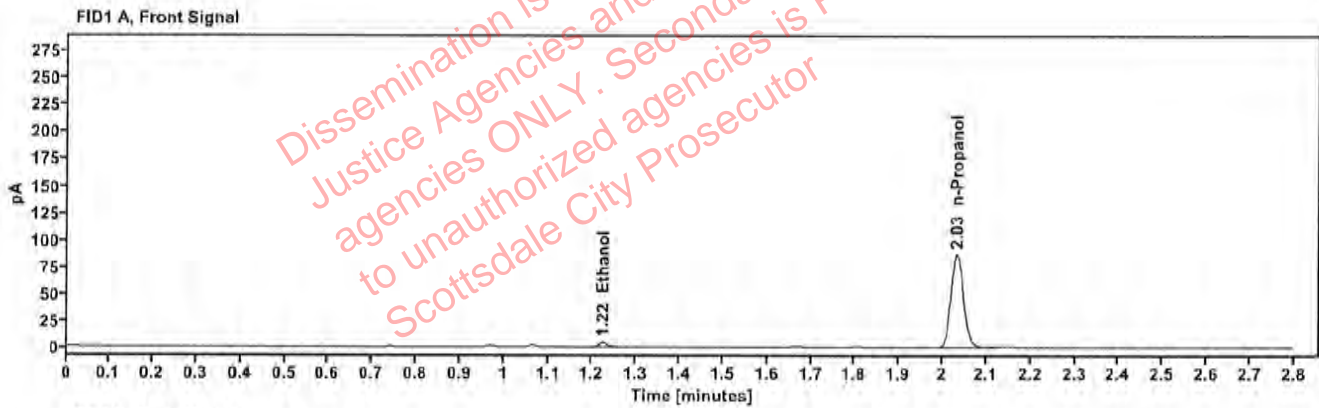


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0103	1.224	5.573
n-Propanol	---	2.033	171.951

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

Compound	Time (min)	Peak Area
Ethanol	1.372	6.249
n-Propanol	2.458	187.273

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01R.C.	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:23:11 PM
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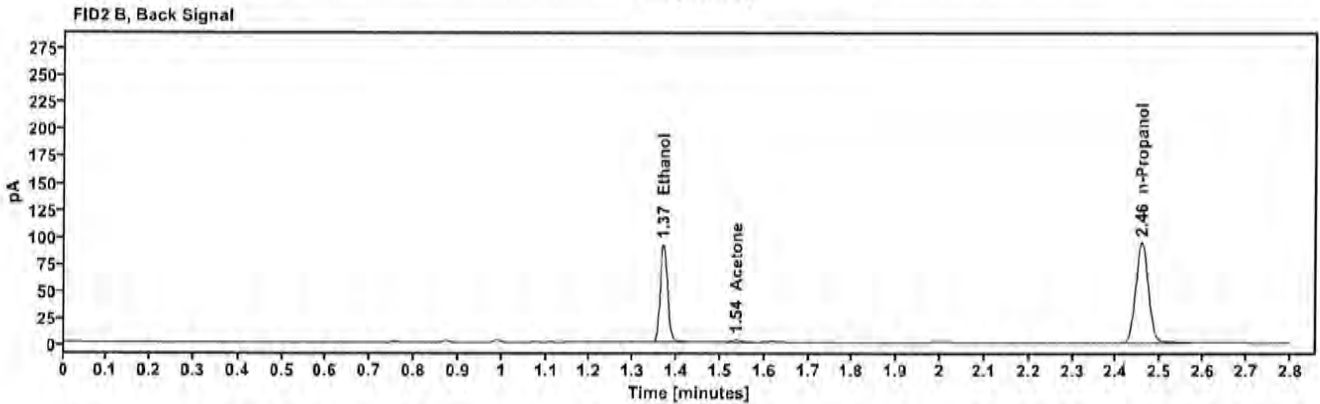
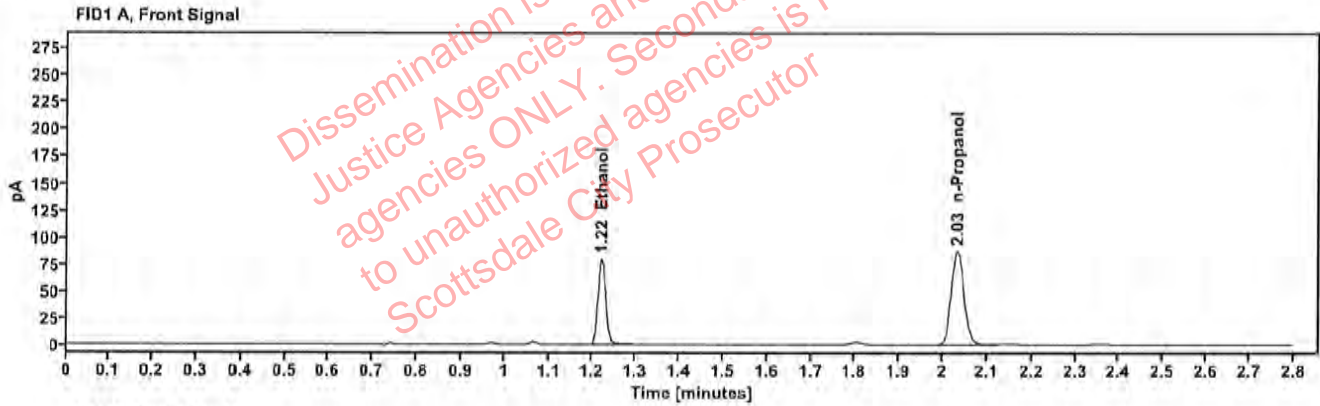


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1659	1.220	101.202
n-Propanol	---	2.033	174.349

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

Compound	Time (min)	Peak Area
Ethanol	1.369	111.032
Acetone	1.537	3.958
n-Propanol	2.458	188.175

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01R.C.	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:27:11 PM
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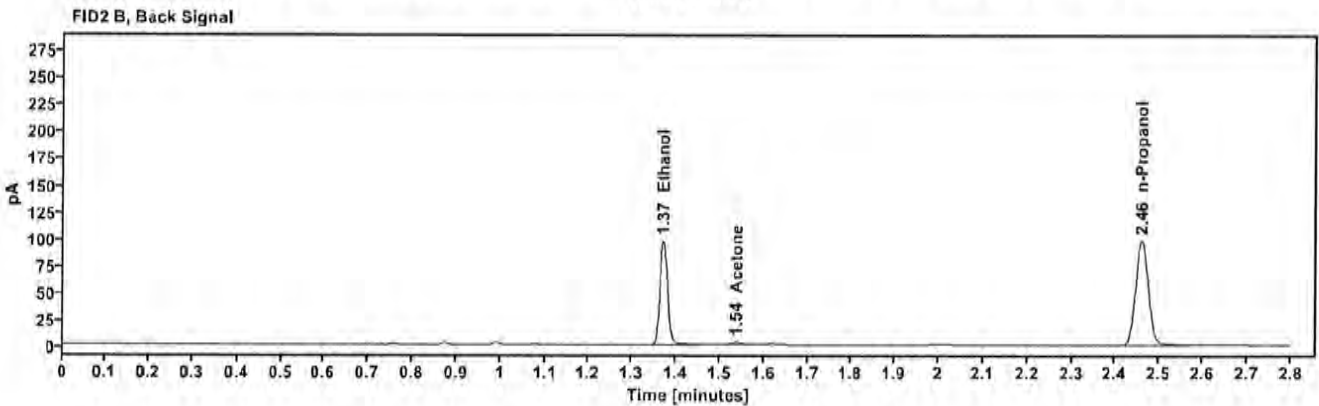
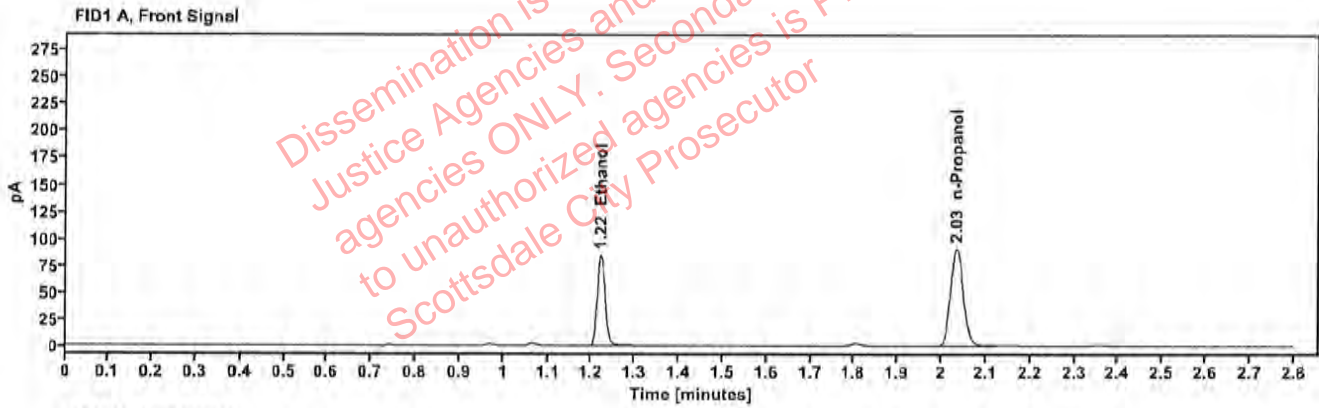


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1697	1.221	107.629
n-Propanol	—	2.034	181.206

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

Compound	Time (min)	Peak Area
Ethanol	1.370	118.165
Acetone	1.538	4.051
n-Propanol	2.459	196.504

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420102-2	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:31:25 PM
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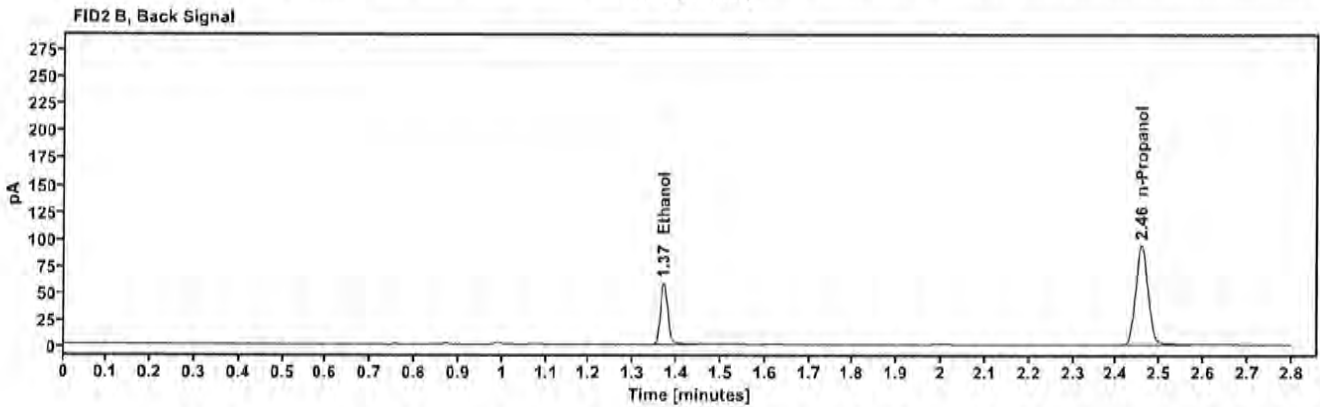
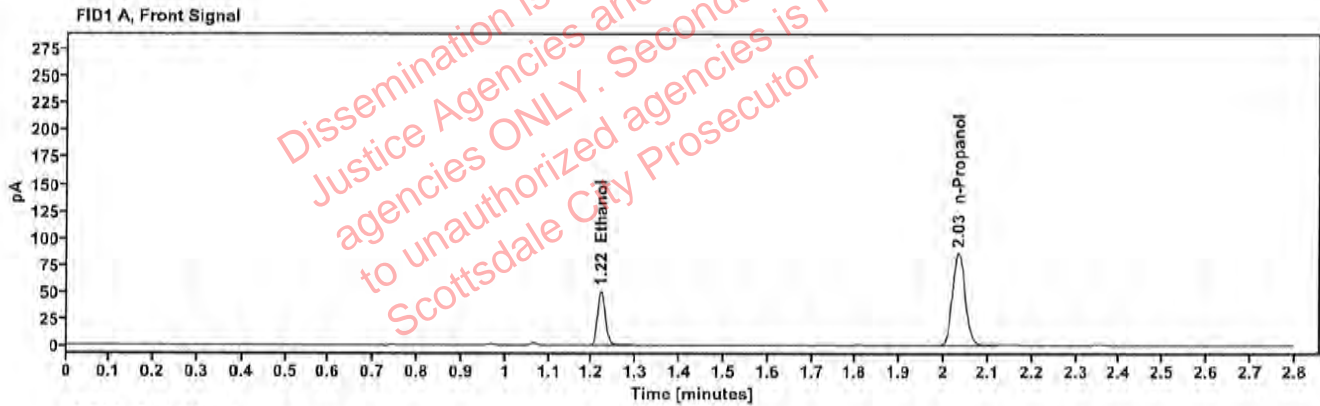


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1062	1.220	63.539
n-Propanol	—	2.033	171.573

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

Compound	Time (min)	Peak Area
Ethanol	1.369	69.560
n-Propanol	2.458	186.582

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420102-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:35:26 PM
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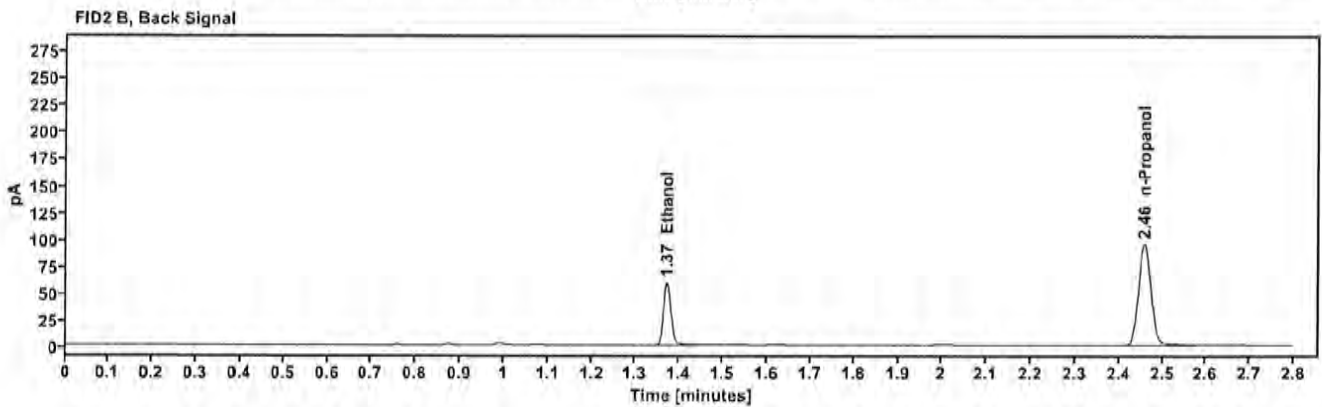
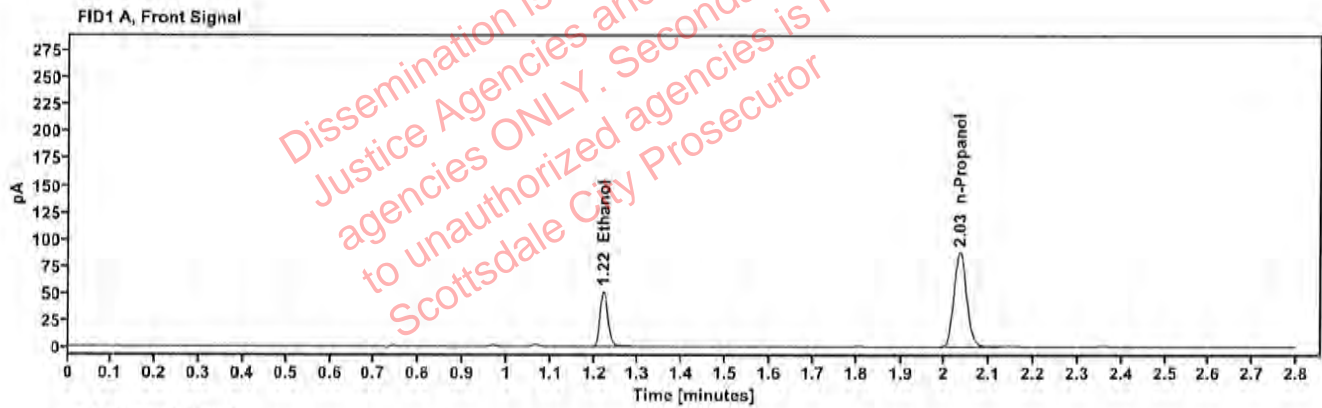


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1072	1.221	65.262
n-Propanol	-----	2.034	174.548

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

Compound	Time (min)	Peak Area
Ethanol	1.371	71.351
n-Propanol	2.459	189.921

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419436-2	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:39:25 PM
Data file:	C:\Chem32\1\Data\15Oct24\27.D	Analyst:	Canonico

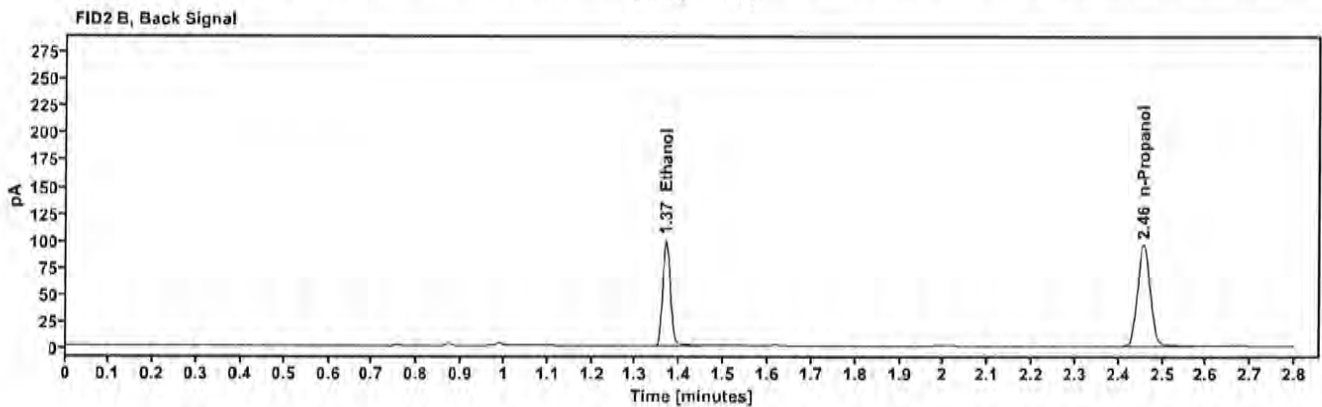
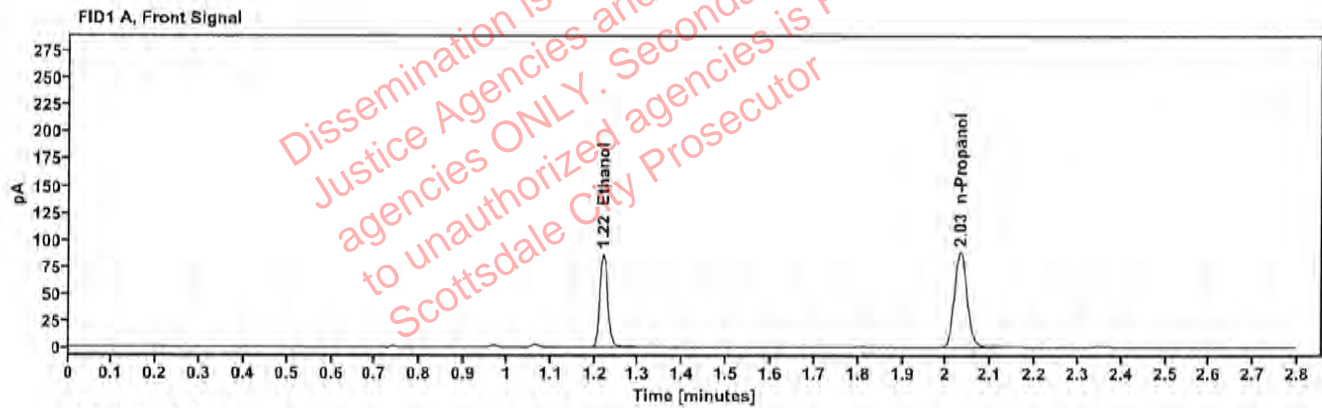


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1786	1.220	109.510
n-Propanol	---	2.032	175.210

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

Compound	Time (min)	Peak Area
Ethanol	1.369	120.202
n-Propanol	2.457	190.511

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419436-2	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:43:25 PM
Data file:	C:\Chem32\1\Data\15Oct24\28.D	Analyst:	Canonico

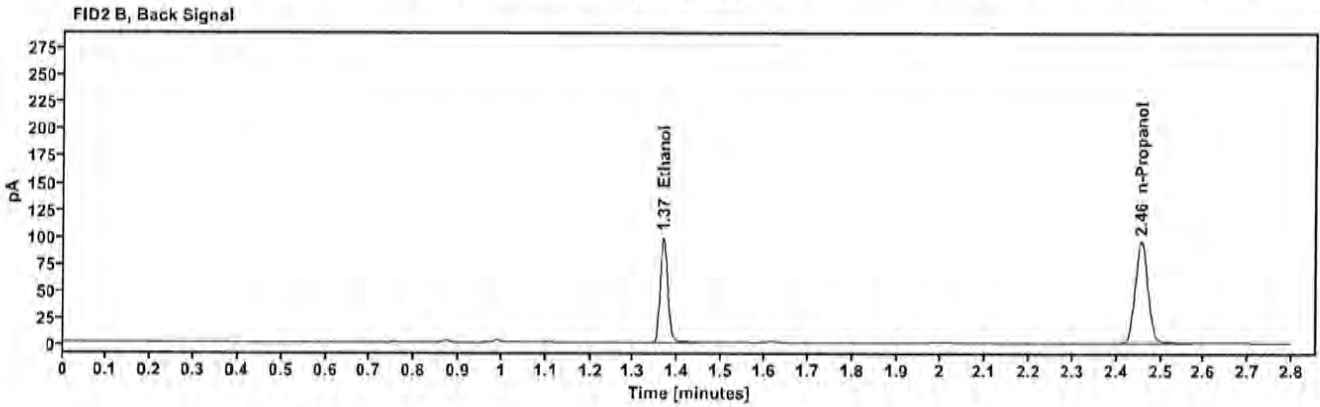
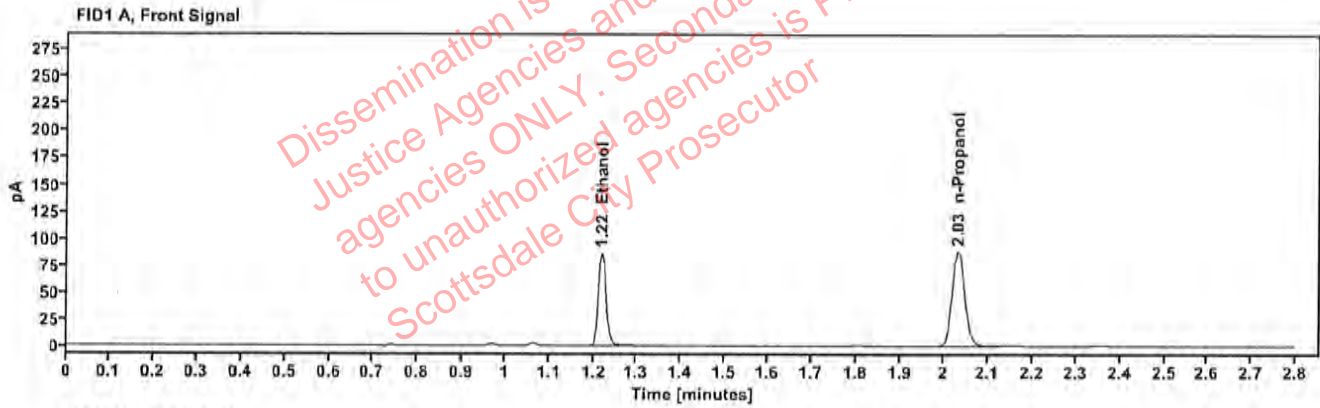


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1769	1.219	109.022
n-Propanol	—	2.031	176.075

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

Compound	Time (min)	Peak Area
Ethanol	1.367	119.675
n-Propanol	2.456	190.746

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420376-1	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:47:25 PM
Data file:	C:\Chem32\1\Data\15Oct24\29.D	Analyst:	Canonico

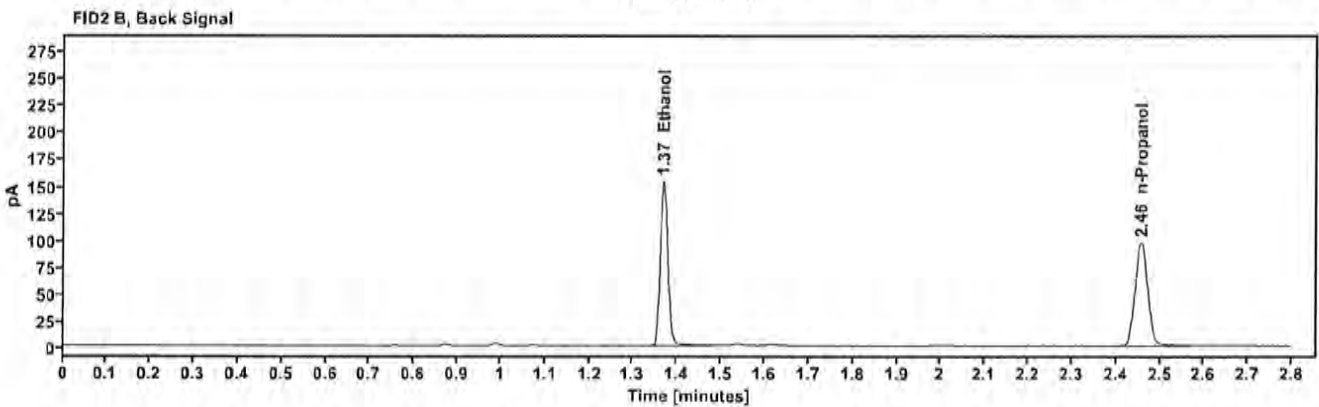
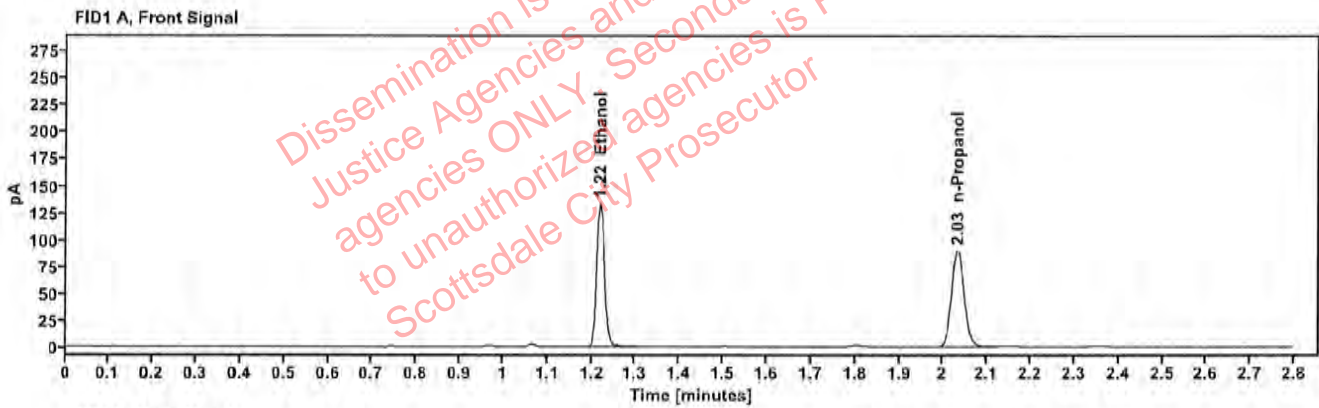


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2709	1.219	168.977
n-Propanol	---	2.033	177.833

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

Compound	Time (min)	Peak Area
Ethanol	1.368	187.156
n-Propanol	2.457	193.271

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420376-1	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:51:25 PM
Data file:	C:\Chem32\1\Data\15Oct24\30.D	Analyst:	Canonico

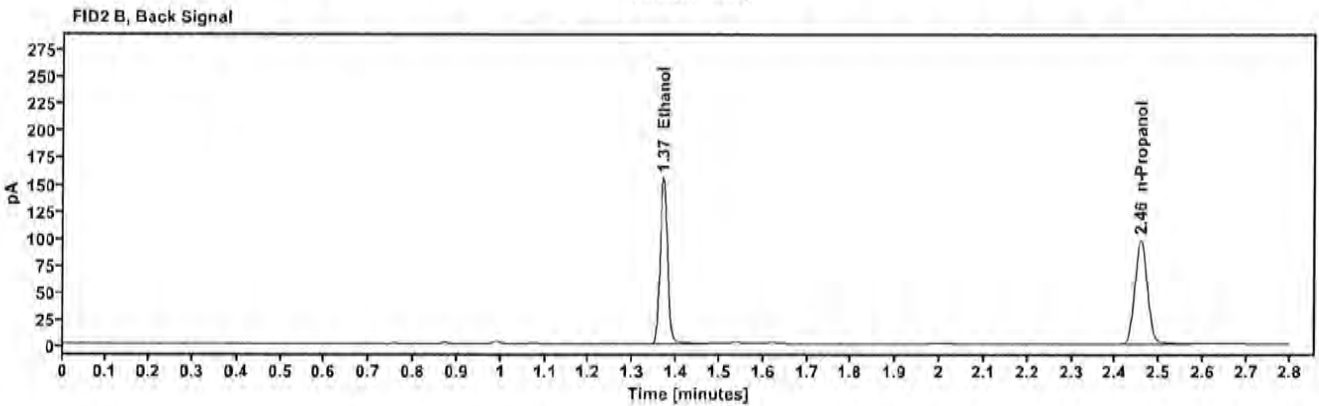
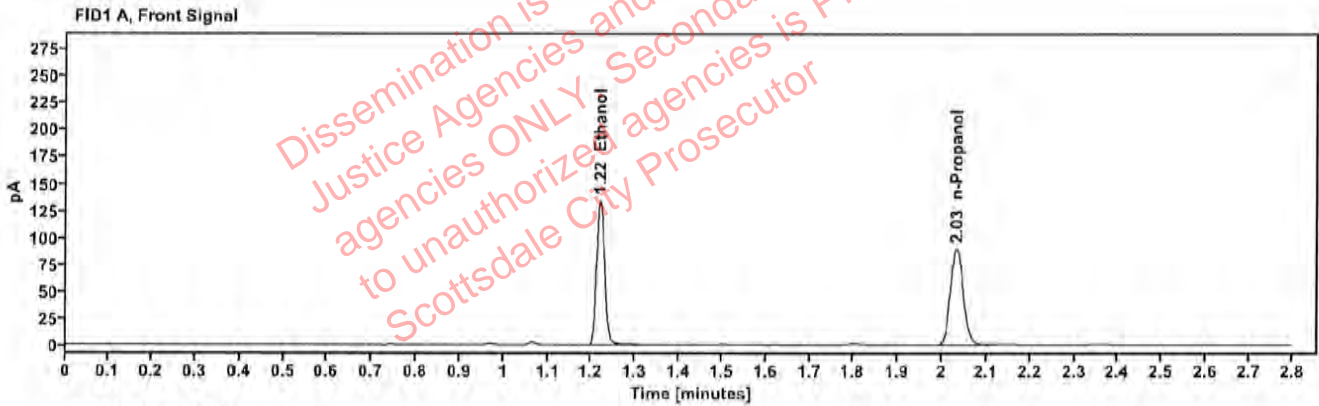


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2724	1.219	170.658
n-Propanol	---	2.033	178.638

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

Compound	Time (min)	Peak Area
Ethanol	1.369	188.979
n-Propanol	2.457	194.108

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418479-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 2:59:40 PM
Data file:	C:\Chem32\1\Data\15Oct24\32.D	Analyst:	Canonico

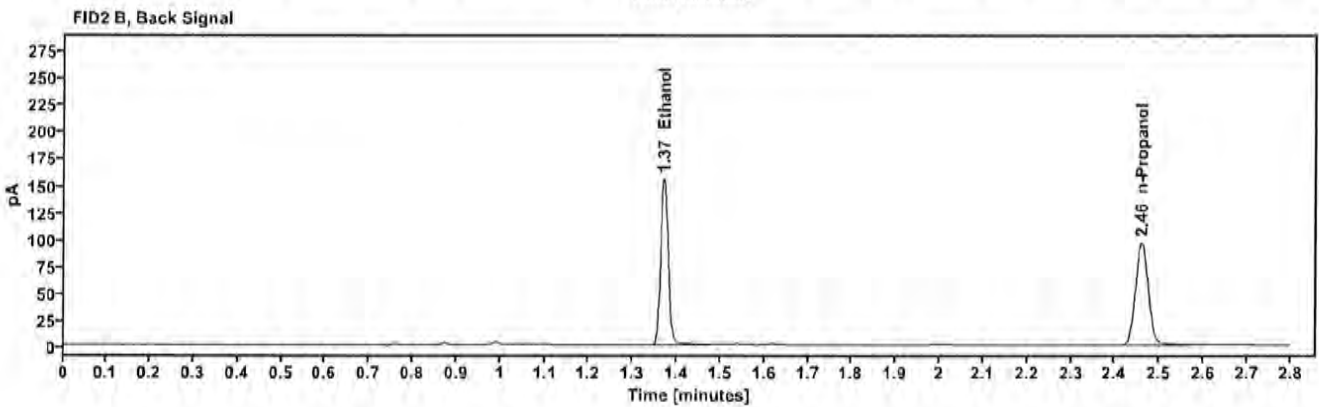
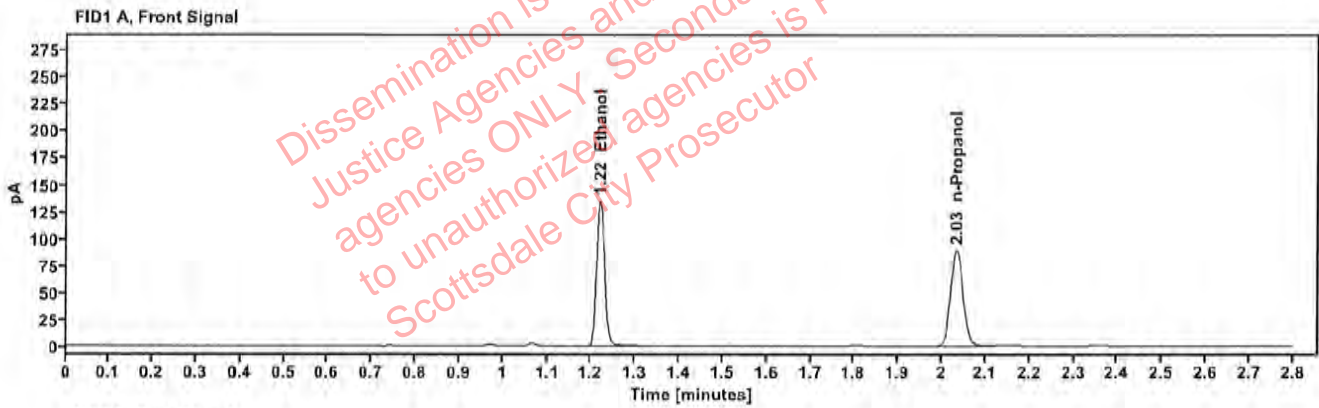


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2762	1.220	171.352
n-Propanol	---	2.034	176.869

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

Compound	Time (min)	Peak Area
Ethanol	1.370	189.819
n-Propanol	2.459	192.098

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418479-2	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 3:03:40 PM
Data file:	C:\Chem32\1\Data\15Oct24\33.D	Analyst:	Canonico

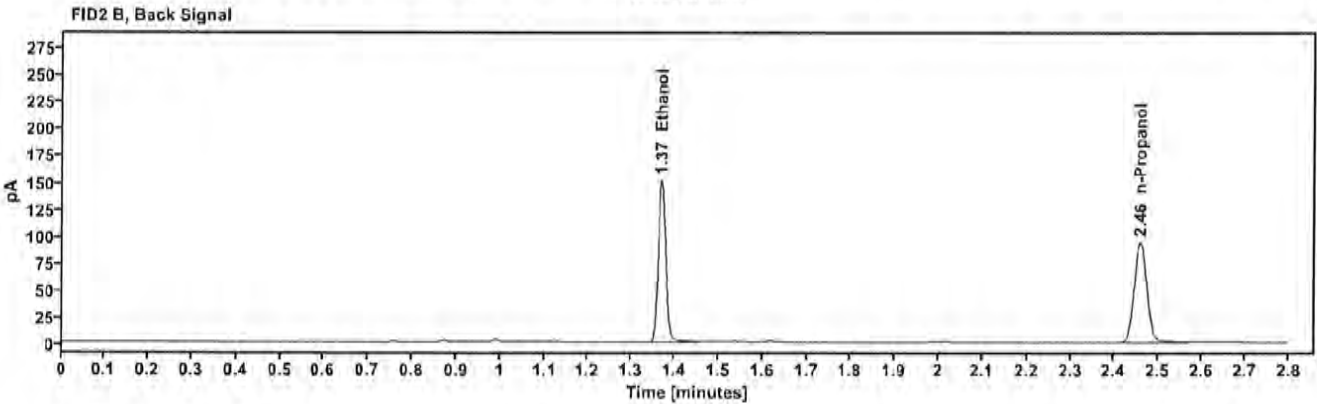
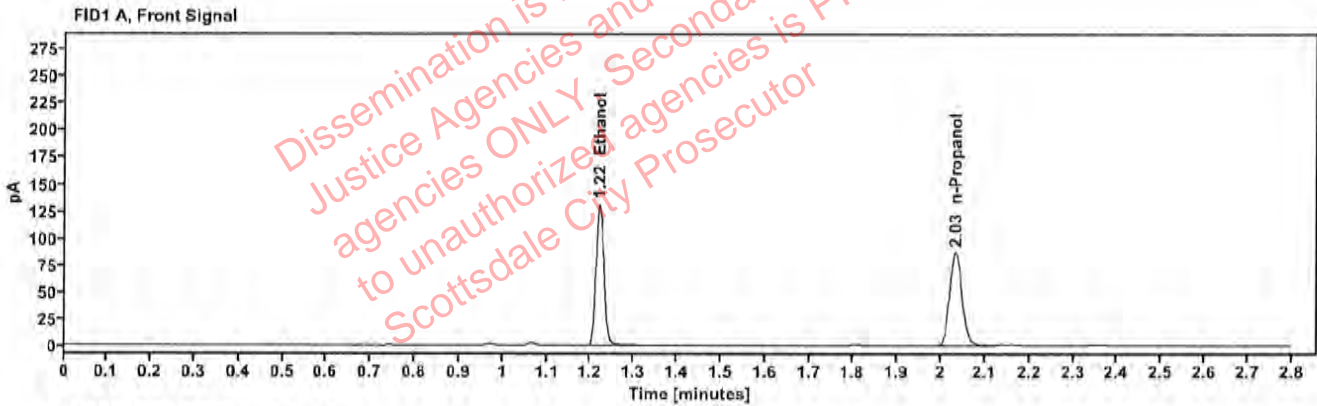


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2752	1.220	166.532
n-Propanol	—	2.033	172.507

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

Compound	Time (min)	Peak Area
Ethanol	1.369	182.933
n-Propanol	2.458	187.264

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419771-1	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 3:07:41 PM
Data file:	C:\Chem32\1\Data\15Oct24\34.D	Analyst:	Canonico

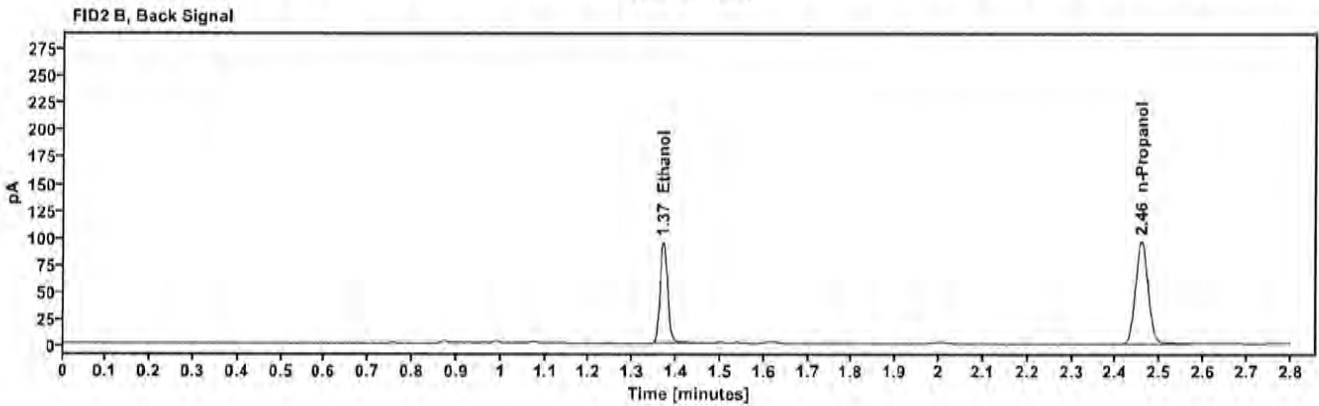
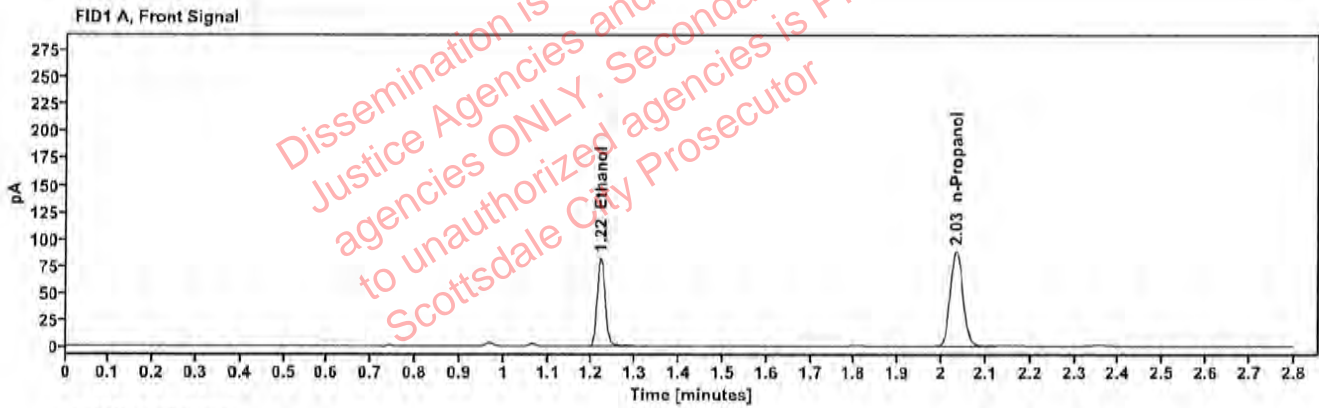


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1683	1.220	104.704
n-Propanol	---	2.033	177.831

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

Compound	Time (min)	Peak Area
Ethanol	1.369	115.030
n-Propanol	2.458	191.973

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419771-1	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14180045	Injection date:	10/15/2024 3:11:40 PM
Data file:	C:\Chem32\1\Data\15Oct24\35.D	Analyst:	Canonico

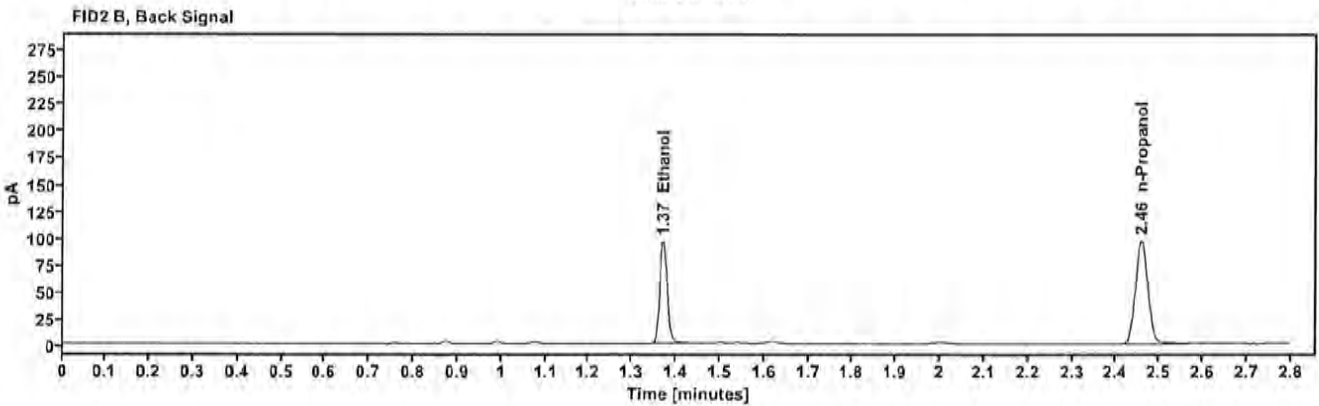
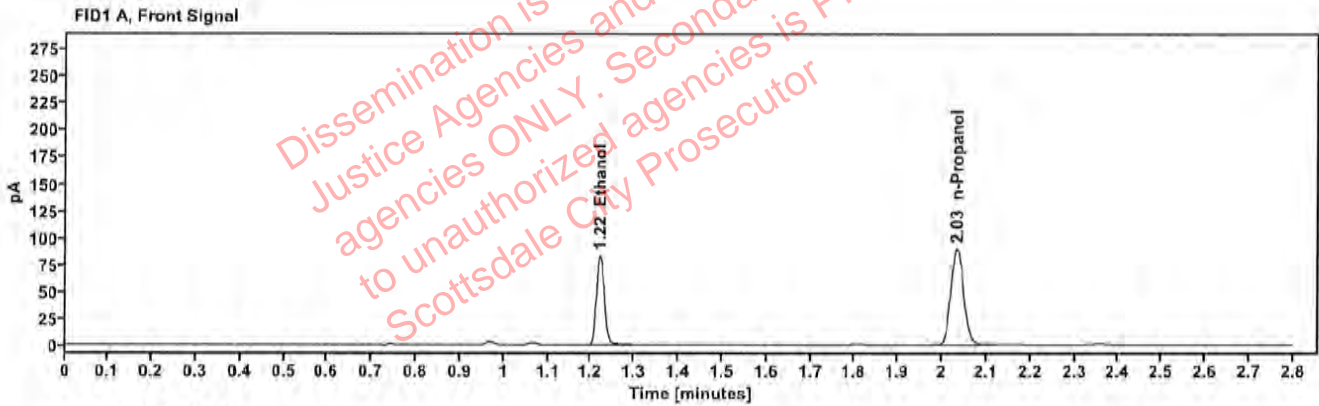


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1687	1.220	106.172
n-Propanol	—	2.033	179.850

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

Compound	Time (min)	Peak Area
Ethanol	1.370	116.648
n-Propanol	2.458	193.637

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420515-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 3:15:40 PM
Data file:	C:\Chem32\1\Data\15Oct24\36.D	Analyst:	Canonico

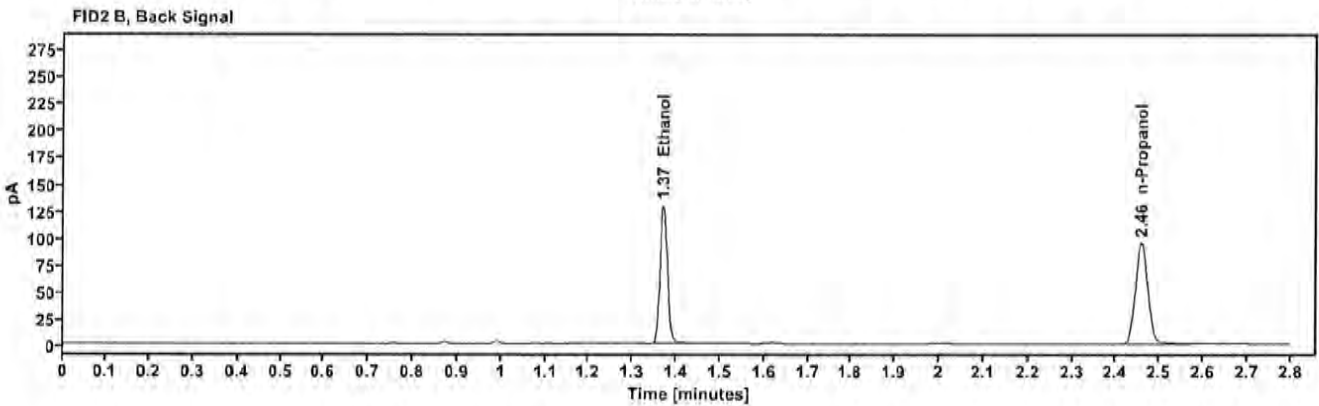
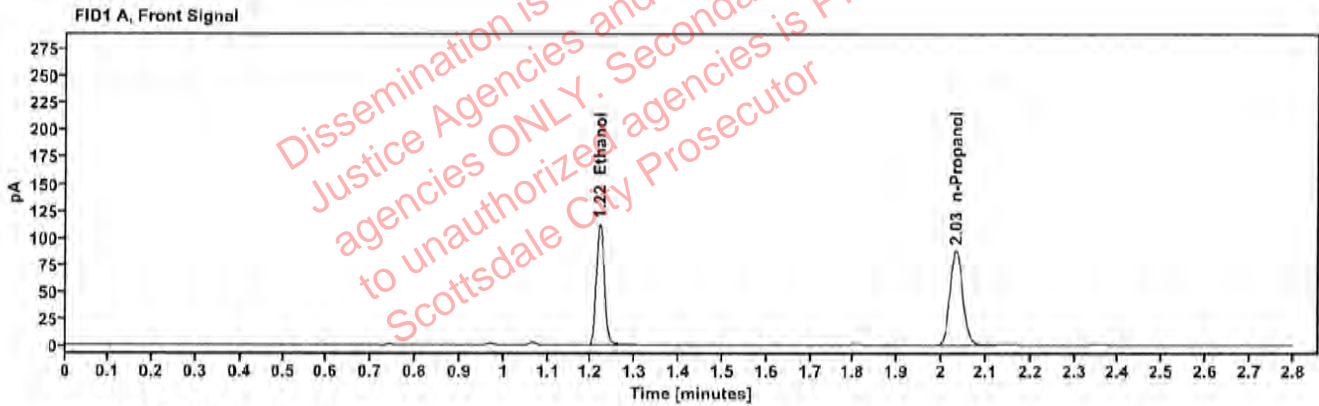


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2333	1.220	142.800
n-Propanol	—	2.033	174.629

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

Compound	Time (min)	Peak Area
Ethanol	1.369	156.834
n-Propanol	2.457	189.753

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420515-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 3:19:55 PM
Data file:	C:\Chem32\1\Data\15Oct24\37.D	Analyst:	Canonico

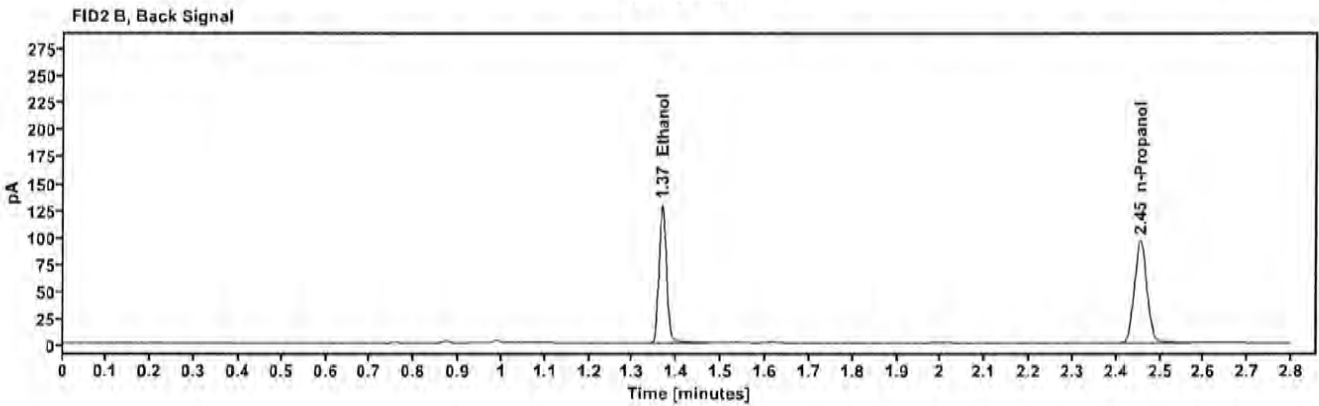
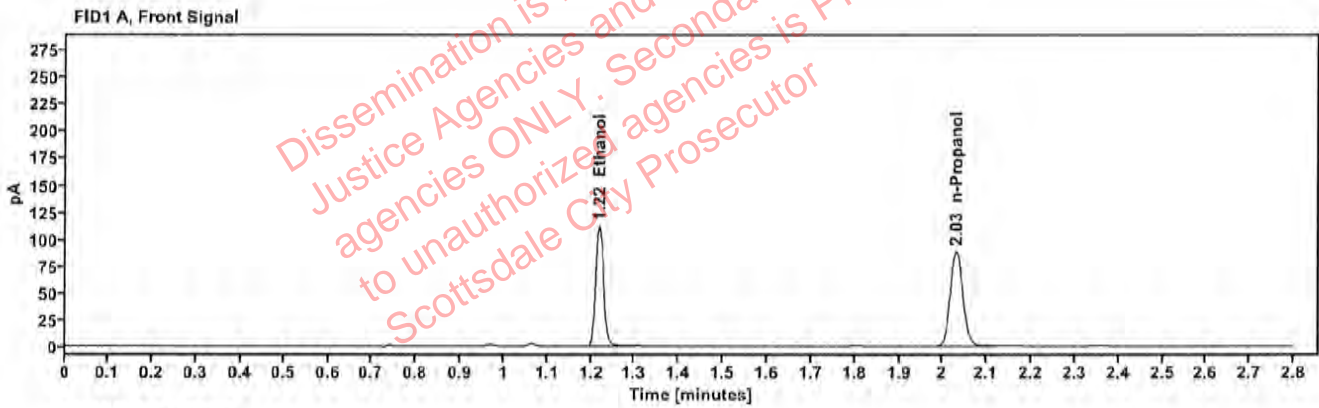


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2309	1.218	141.967
n-Propanol	—	2.031	175.444

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

Compound	Time (min)	Peak Area
Ethanol	1.366	157.410
n-Propanol	2.455	190.766

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420429-2	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 3:23:55 PM
Data file:	C:\Chem32\1\Data\15Oct24\38.D	Analyst:	Canonico

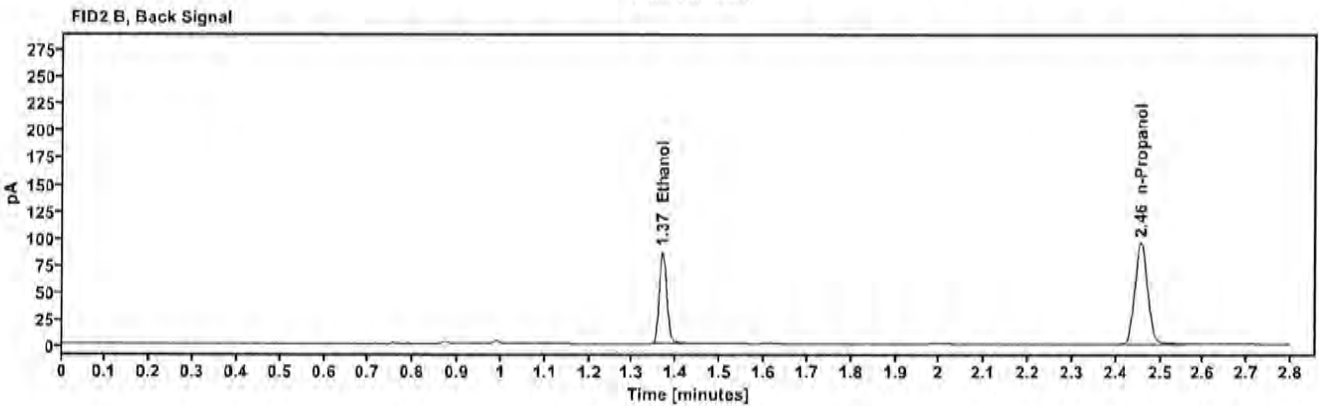
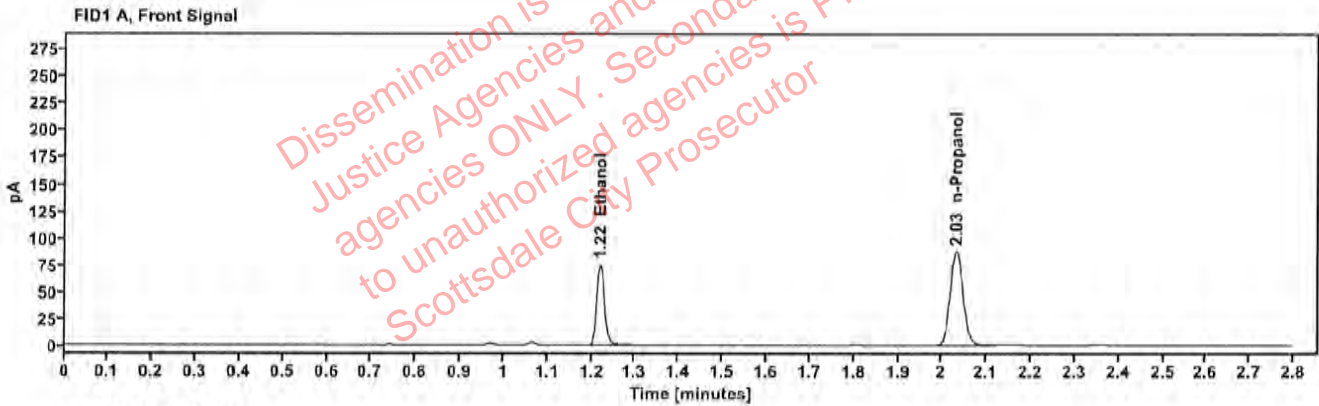


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1566	1.219	95.309
n-Propanol	—	2.032	173.993

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

Compound	Time (min)	Peak Area
Ethanol	1.368	104.613
n-Propanol	2.456	188.958

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420429-2	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 3:27:55 PM
Data file:	C:\Chem32\1\Data\15Oct24\39.D	Analyst:	Canonico

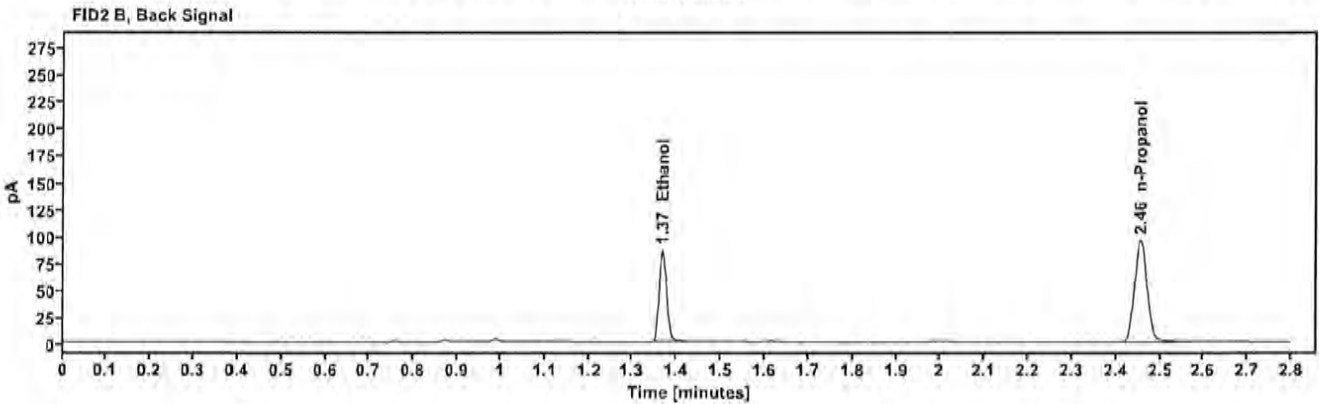
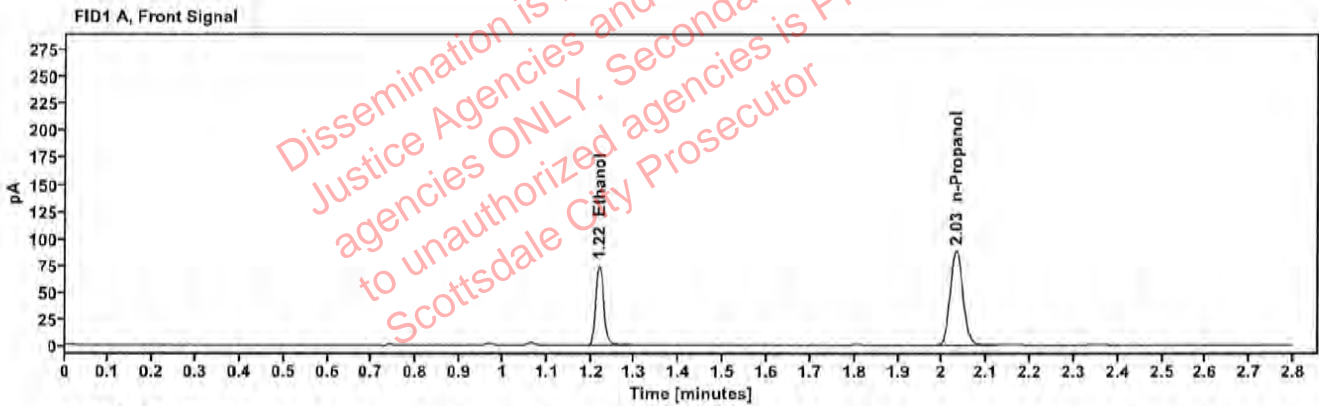


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1550	1.219	94.995
n-Propanol	—	2.031	175.279

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

Compound	Time (min)	Peak Area
Ethanol	1.367	104.281
n-Propanol	2.455	190.602

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420564-1	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 3:31:56 PM
Data file:	C:\Chem32\1\Data\15Oct24\40.D	Analyst:	Canonico

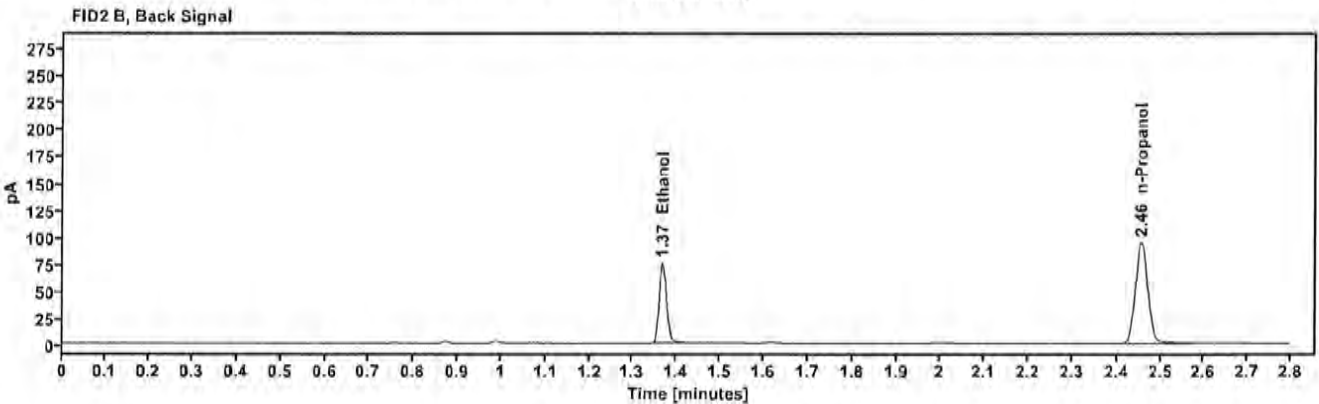
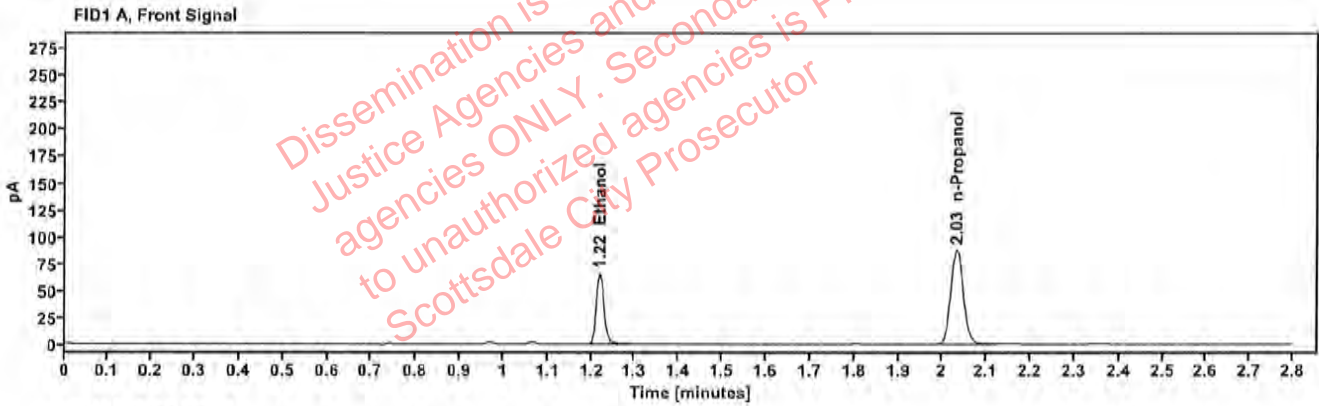


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1360	1.219	82.908
n-Propanol	---	2.032	174.460

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

Compound	Time (min)	Peak Area
Ethanol	1.367	90.701
n-Propanol	2.456	188.825

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420564-1	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/15/2024 3:35:55 PM
Data file:	C:\Chem32\1\Data\15Oct24\41.D	Analyst:	Canonico

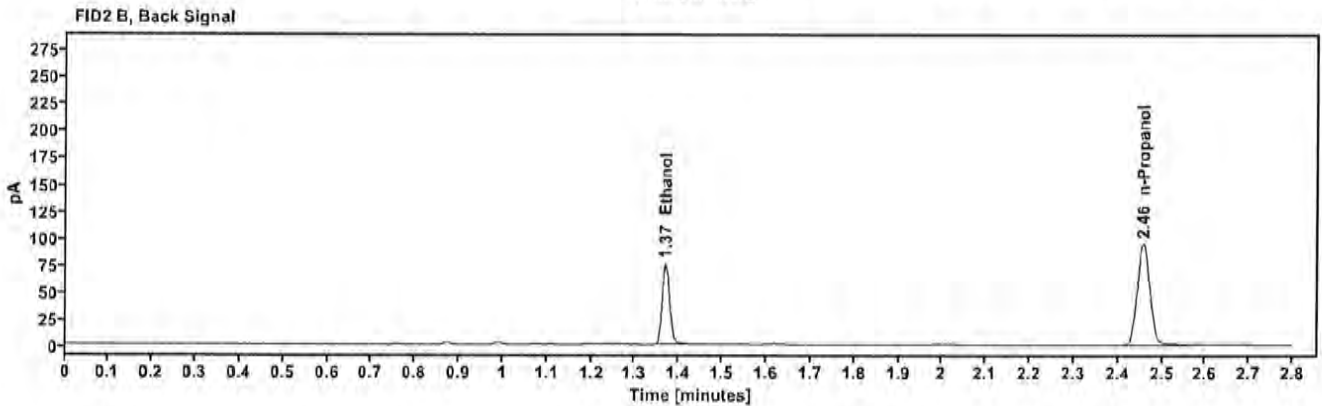
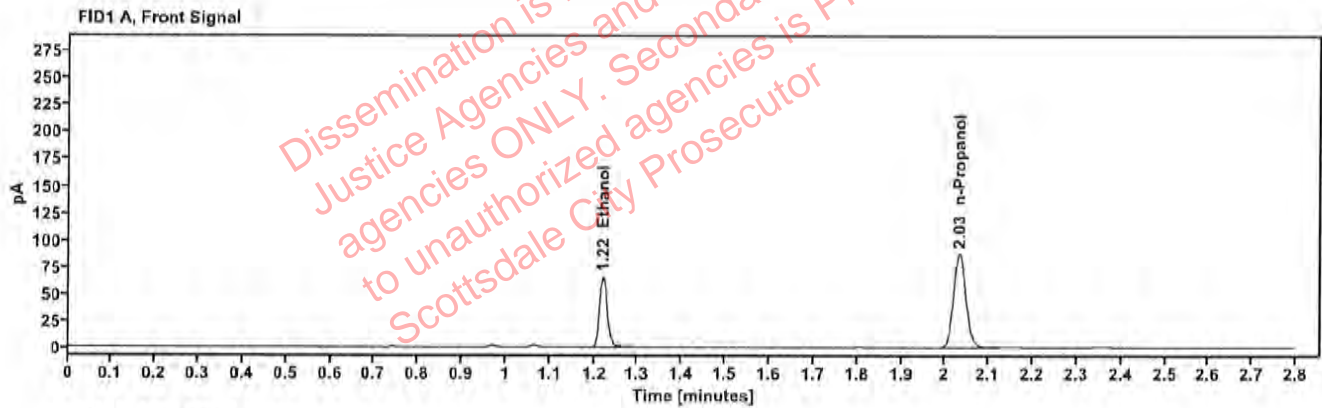


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1373	1.220	83.012
n-Propanol	---	2.033	173.089

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

Compound	Time (min)	Peak Area
Ethanol	1.369	91.158
n-Propanol	2.457	188.212