

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 12/10/2024

SEQUENCE NAME 10Dec24

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600EA20851  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN03072301 0.99999  
 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 111224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.402 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	0.202 g/dL	ACQ 4110320133/11
20	Aqueous control	0.100 g/dL	0.099 g/dL	Lipomed 517758
31	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/11
42	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
51	Aqueous control	0.400 g/dL	0.406 g/dL	Lipomed 12052023-B
52	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 518018
53	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/11
54	Blank	Not detected	Not detected	SPD lab 090524AQ

**SUBJECT SAMPLES**

Subjects in the sequence 19 Subjects requiring reanalysis 0

**ADDITIONAL NOTES:** All testing proceeded as expected.

Run valid  Run invalid  Phoop Boral Analyst  
 Run valid  Run invalid  Erika Canonico Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

PS

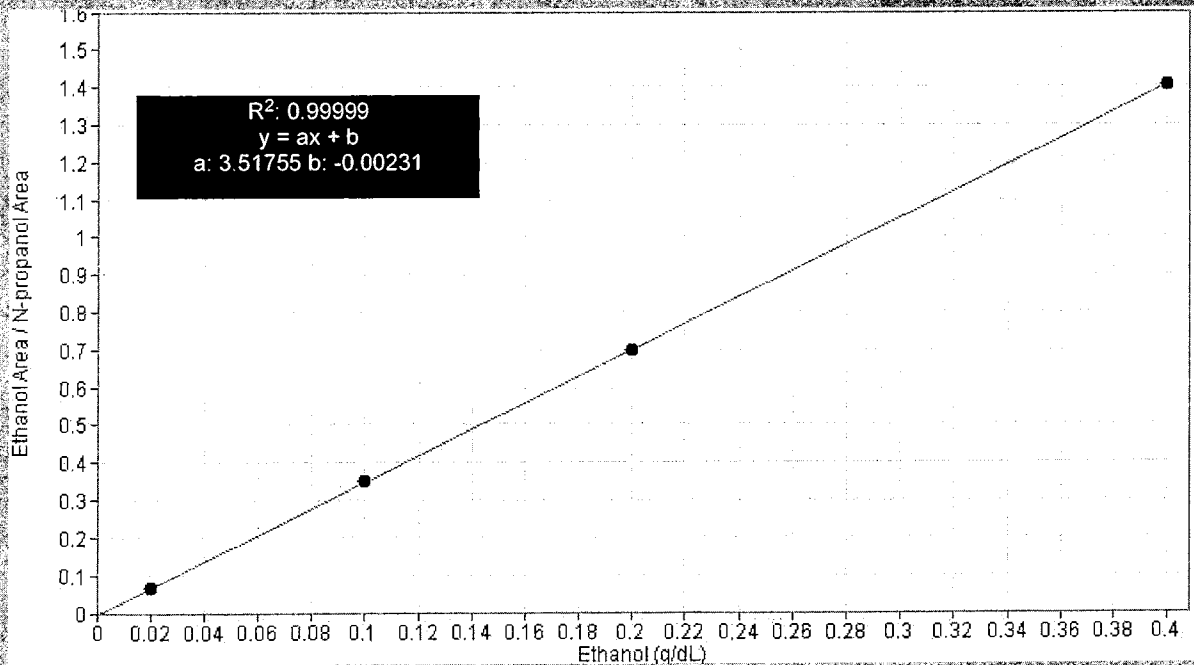
SEQUENCE NAME: 10Dec24

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 111224WB	5	negative	negative	-	-
0.400 12052023-B	7	0.402	0.400	0.50	0.002
0.040 518018	8	0.040	0.040	0.00	0.000
0.199 4110320133/11	9	0.202	0.199	1.51	0.003
0.100 517758	20	0.099	0.100	1.00	-0.001
0.199 4110320133/11	31	0.203	0.199	2.01	0.004
0.100 517758	42	0.100	0.100	0.00	0.000
0.400 12052023-B	51	0.406	0.400	1.50	0.006
0.040 518018	52	0.040	0.040	0.00	0.000
0.199 4110320133/11	53	0.204	0.199	2.51	0.005
blank 090524AQ	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.216	164.356	0.068
0.100	60.262	171.659	0.351
0.200	115.334	165.134	0.698
0.400	230.174	163.744	1.406

Calibration Line



# Scottsdale Police Department Crime Lab Volatiles Analysis

118

Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	10Dec24
Method:	ethanol quant.M	Injection date:	12/10/2024 6:33:42 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\10Dec24\1.D		

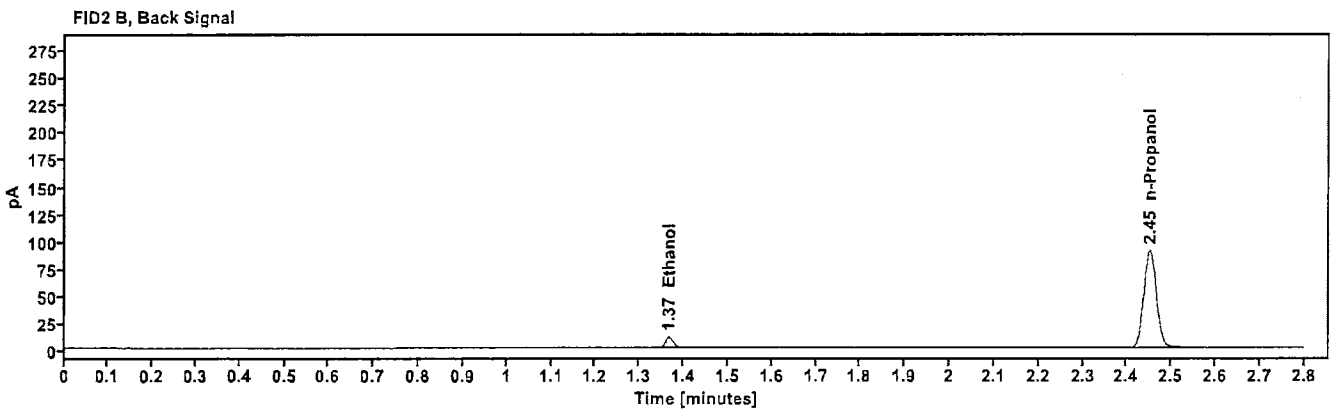
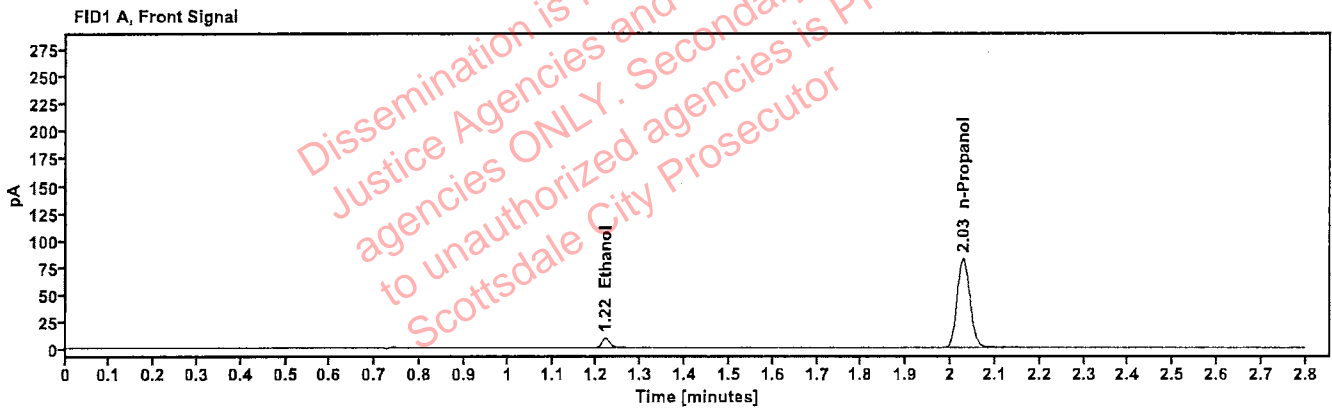


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.219	11.216
n-Propanol	2.028	164.356

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

Compound	Time (min)	Peak Area
Ethanol	1.367	12.318
n-Propanol	2.451	178.931

# Scottsdale Police Department Crime Lab Volatiles Analysis

AB

Sample: FN03072301	Vial: 2
Description: 0.100 calibrator	Sequence: 10Dec24
Method: ethanol quant.M	Injection date: 12/10/2024 6:37:42 PM
Instrument: US14173023 CN14160045	Analyst: Brooke
Data file: C:\Chem32\1\Data\10Dec24\2.D	

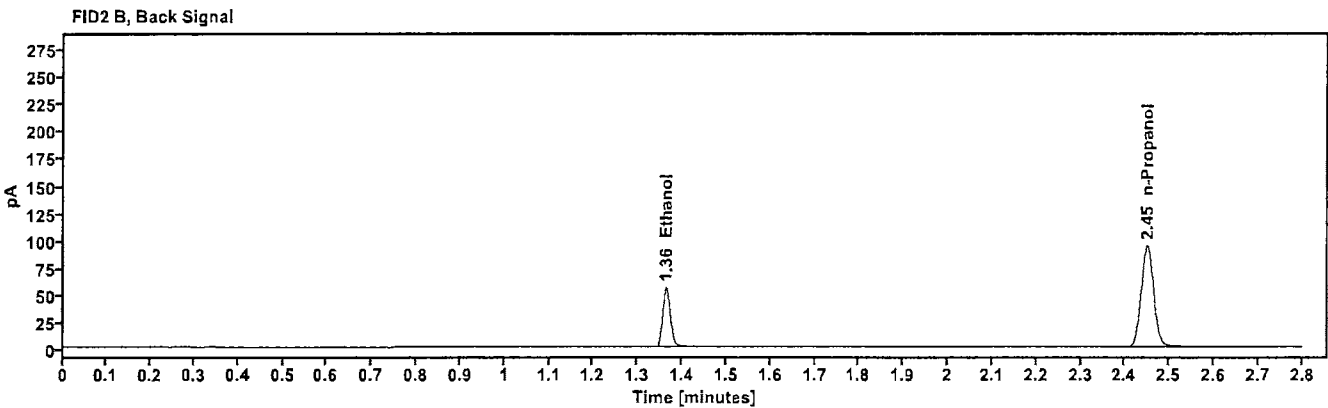
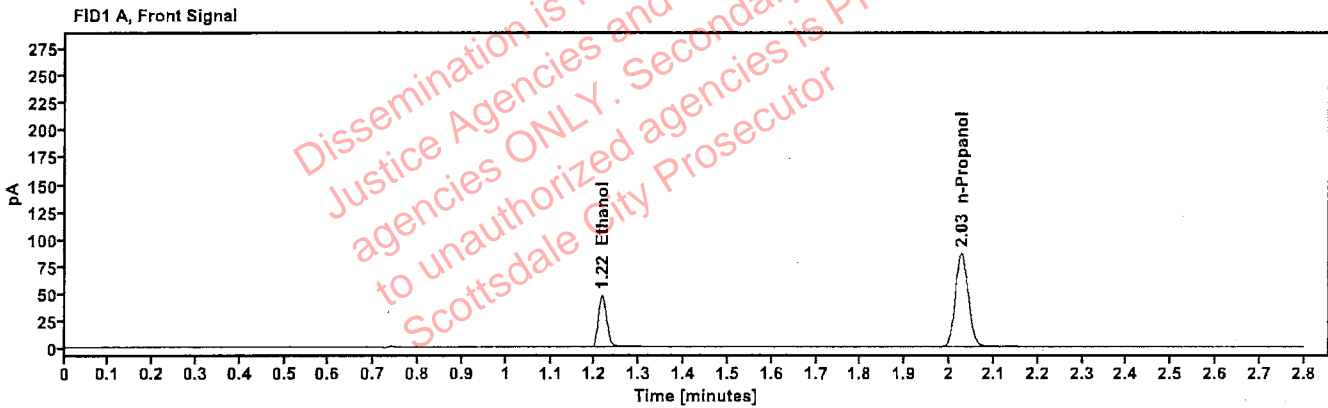


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.216	60.262
n-Propanol	2.027	171.659

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

Compound	Time (min)	Peak Area
Ethanol	1.364	66.105
n-Propanol	2.450	186.584

# Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	10Dec24
Method:	ethanol quant.M	Injection date:	12/10/2024 6:41:42 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\10Dec24\3.D		

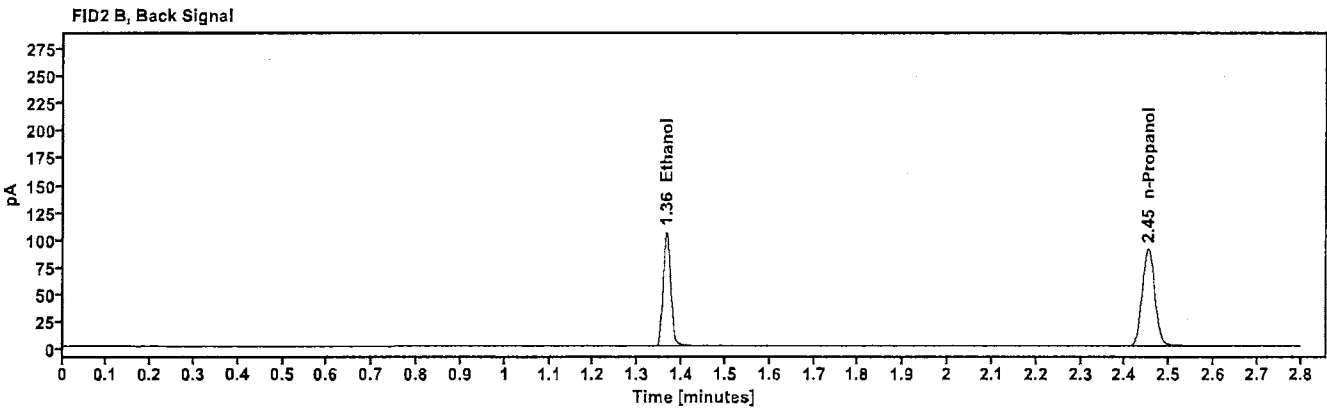
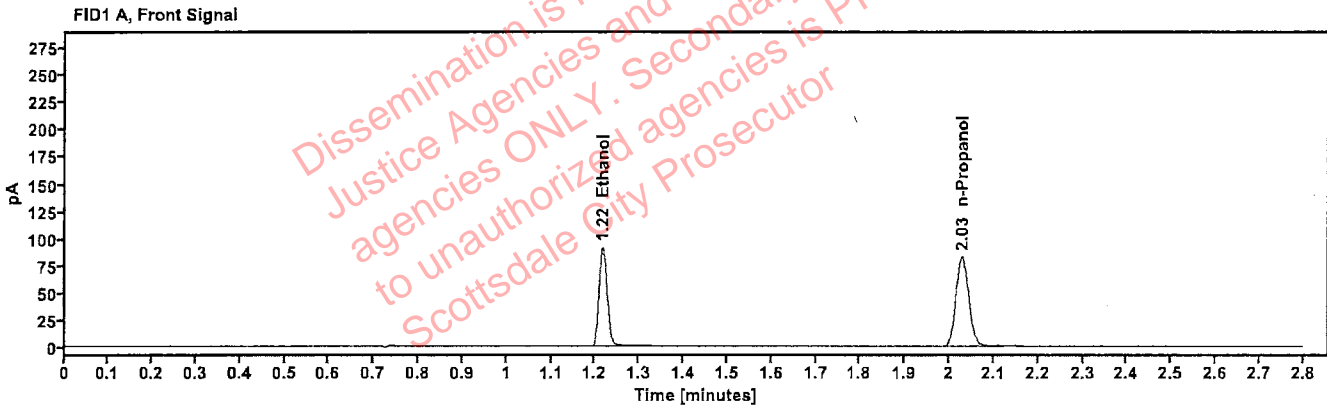


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	115.334
n-Propanol	2.028	165.134

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

Compound	Time (min)	Peak Area
Ethanol	1.365	126.500
n-Propanol	2.452	179.439

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03052102	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 10Dec24
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 12/10/2024 6:45:42 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Brooke
<b>Data file:</b> C:\Chem32\1\Data\10Dec24\4.D	

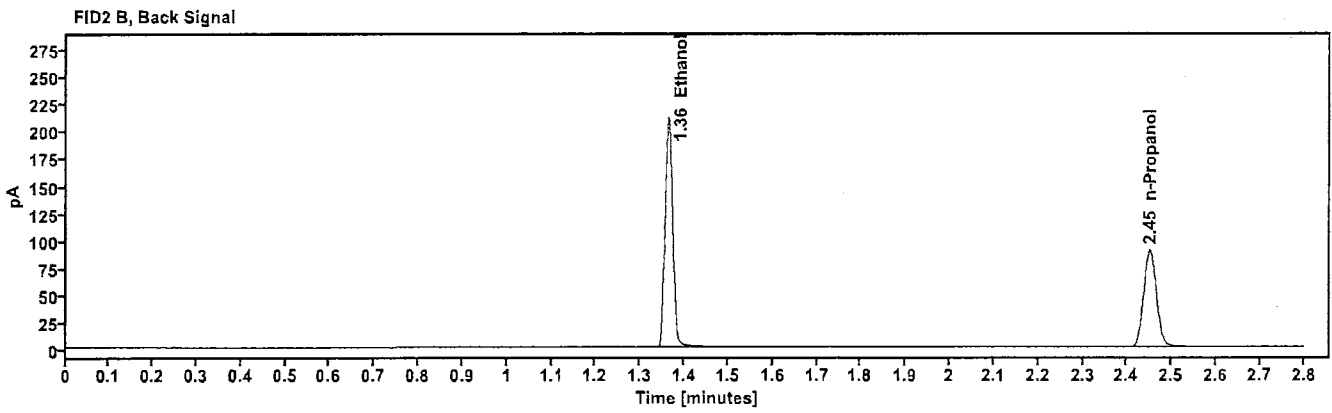
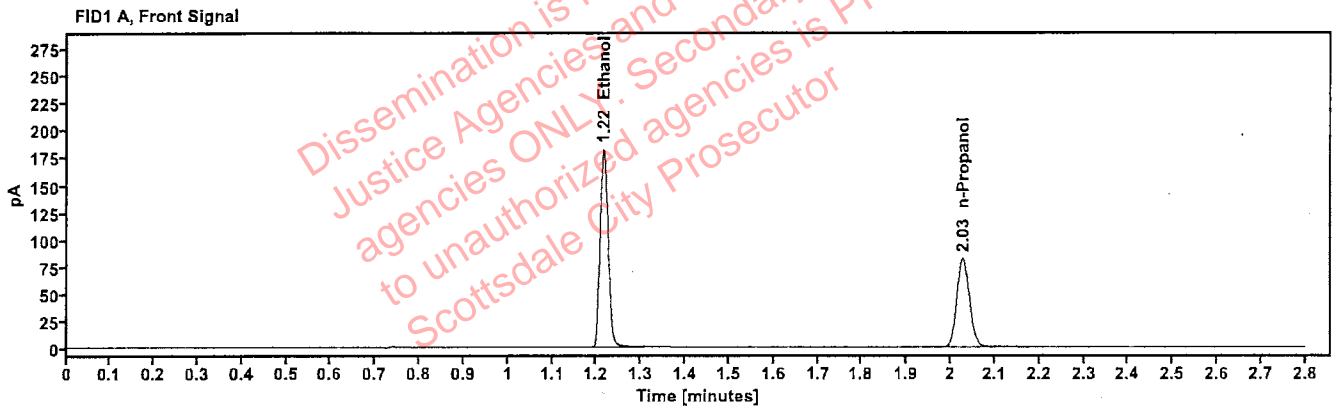


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.216	230.174
n-Propanol	2.028	163.744

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

Compound	Time (min)	Peak Area
Ethanol	1.364	253.600
n-Propanol	2.451	177.590

# Scottsdale Police Department Crime Lab Volatiles Analysis

JB

Sample:	111224WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 6:49:42 PM
Data file:	C:\Chem32\1\Data\10Dec24\5.D	Analyst:	Brooke

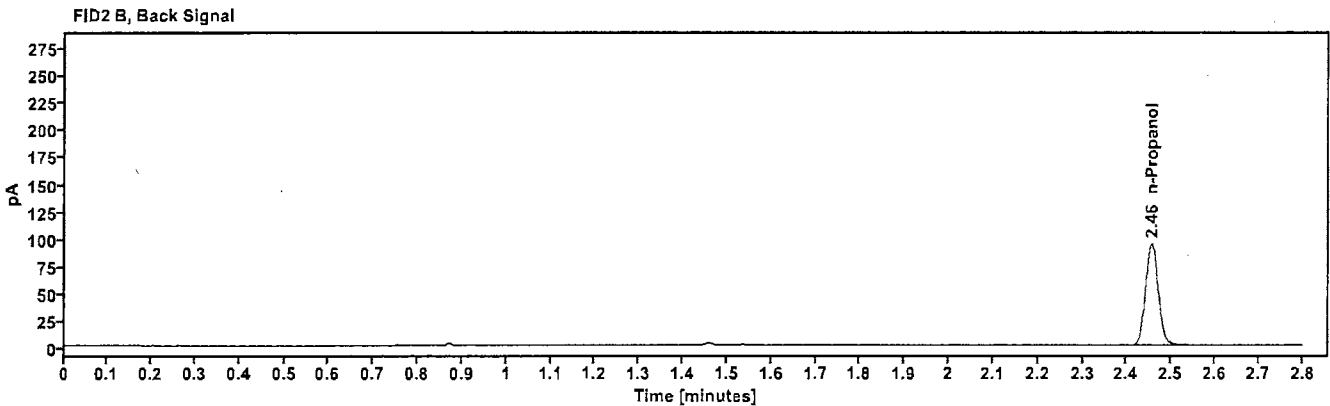
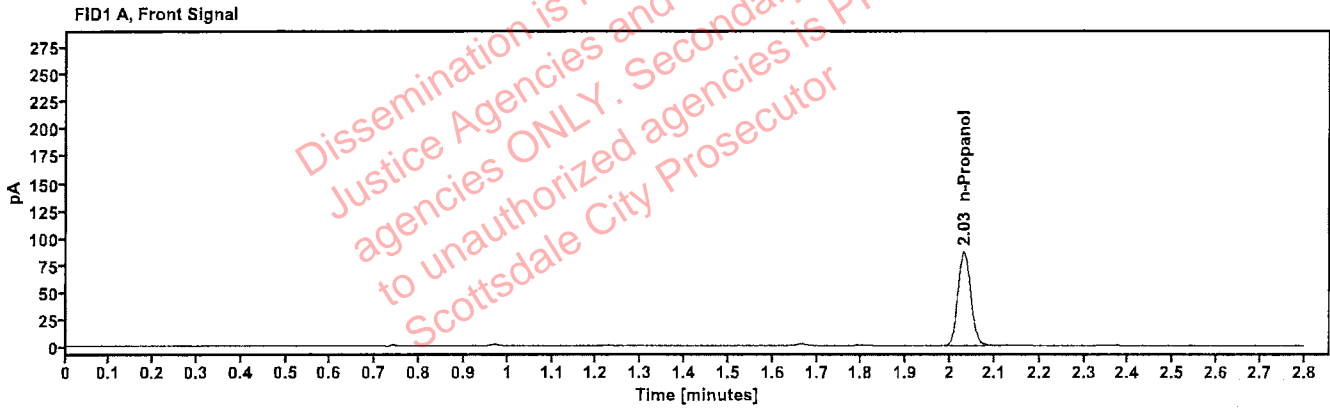


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.031	172.001

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

Compound	Time (min)	Peak Area
n-Propanol	2.455	187.245

# Scottsdale Police Department Crime Lab Volatiles Analysis

RB

<b>Sample:</b> 050721MIX	<b>Vial:</b> 6
<b>Description:</b> Volatiles mix	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Dec24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 12/10/2024 6:53:42 PM
<b>Data file:</b> C:\Chem32\1\Data\10Dec24\6.D	<b>Analyst:</b> Brooke

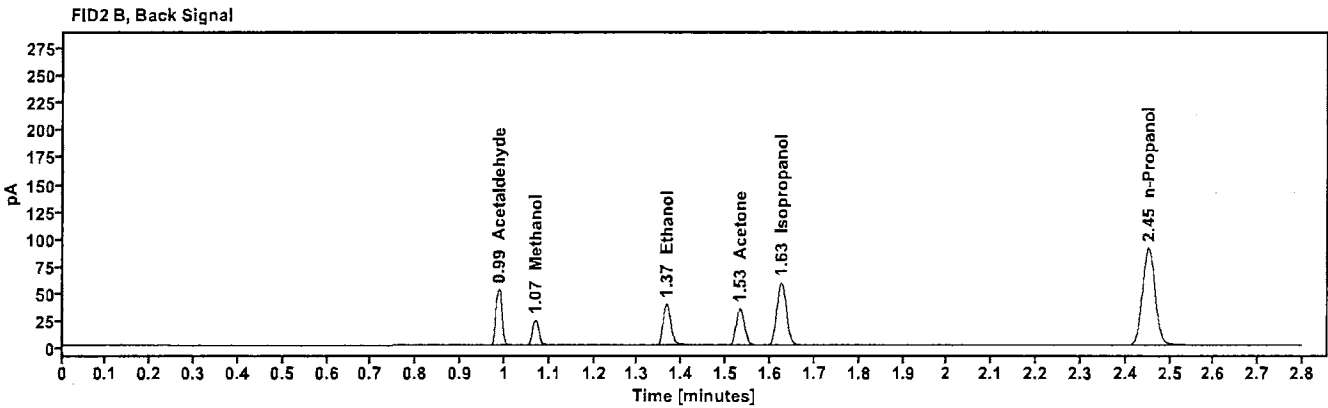
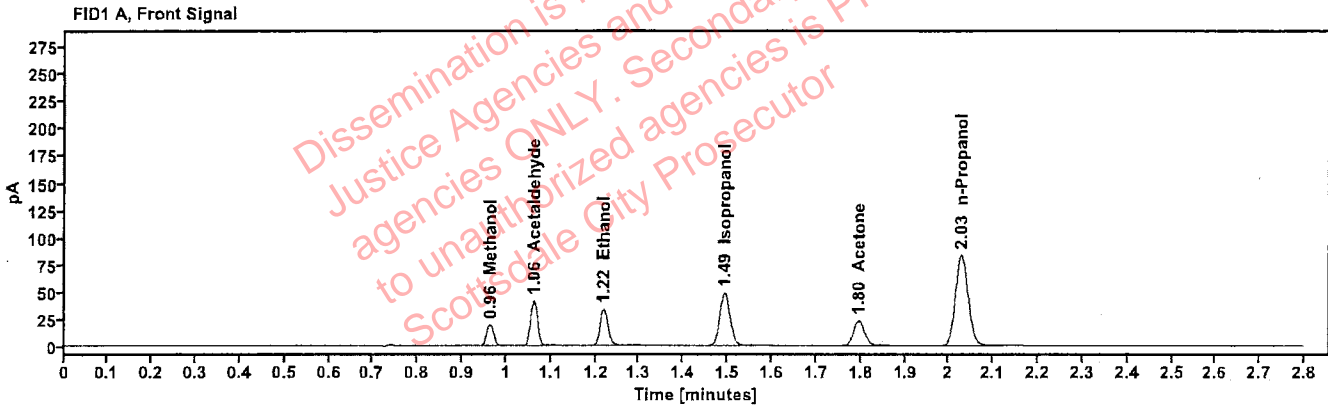


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.963	21.848
Acetaldehyde	-----	1.061	45.119
>Ethanol	0.0732	1.218	42.495
Isopropanol	-----	1.493	77.769
Acetone	-----	1.795	39.822
n-Propanol	-----	2.028	166.441

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	50.497
Methanol	1.069	24.283
Ethanol	1.366	46.495
Acetone	1.531	43.893
Isopropanol	1.625	85.672
n-Propanol	2.451	180.431



# Scottsdale Police Department Crime Lab Volatiles Analysis

PB

Sample: 12052023-B	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 10Dec24
Instrument: US14173023 CN14160045	Injection date: 12/10/2024 6:57:57 PM
Data file: C:\Chem32\1\Data\10Dec24\7.D	Analyst: Brooke

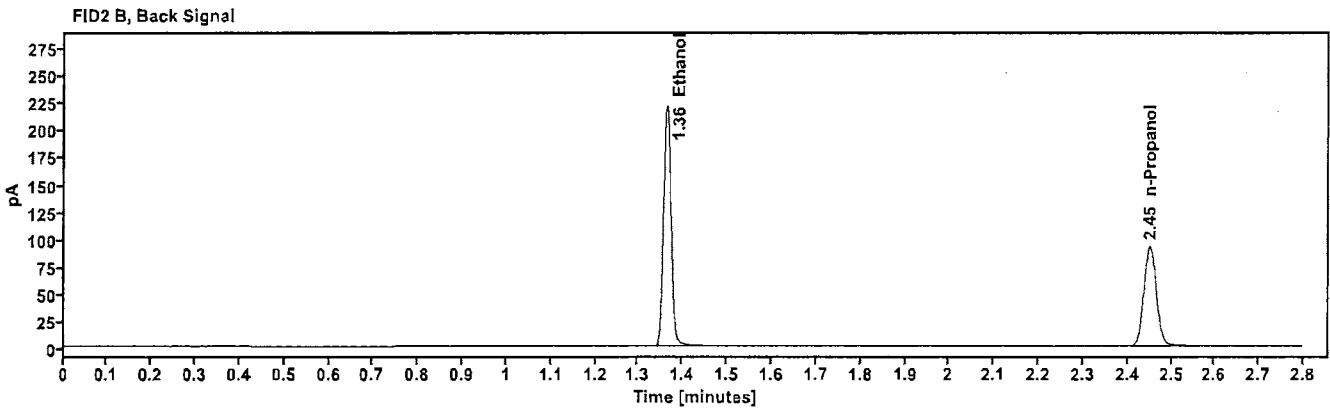
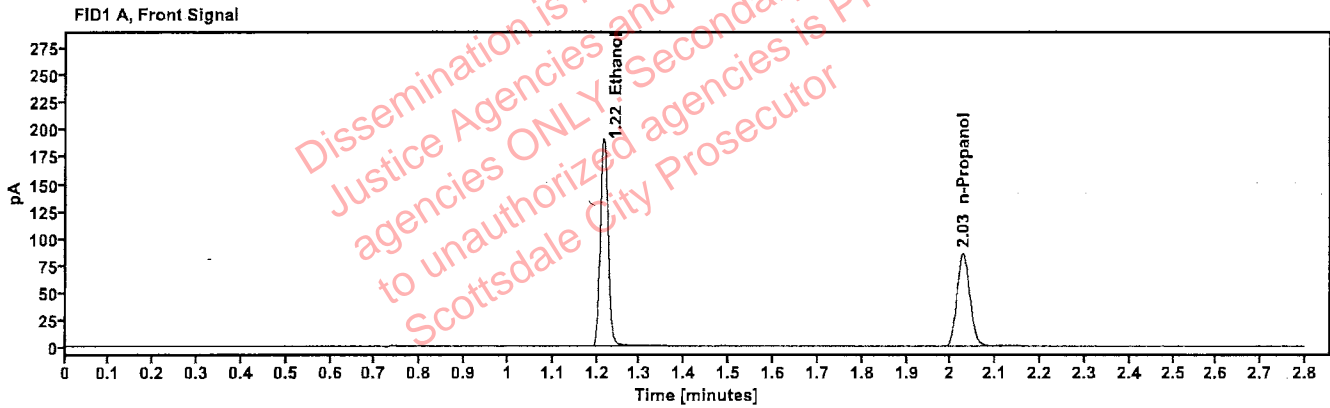


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4025	1.215	241.024
n-Propanol	-----	2.027	170.519

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

Compound	Time (min)	Peak Area
Ethanol	1.364	265.212
n-Propanol	2.450	184.979

# Scottsdale Police Department Crime Lab Volatiles Analysis

PB

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:01:57 PM
Data file:	C:\Chem32\1\Data\10Dec24\8.D	Analyst:	Brooke

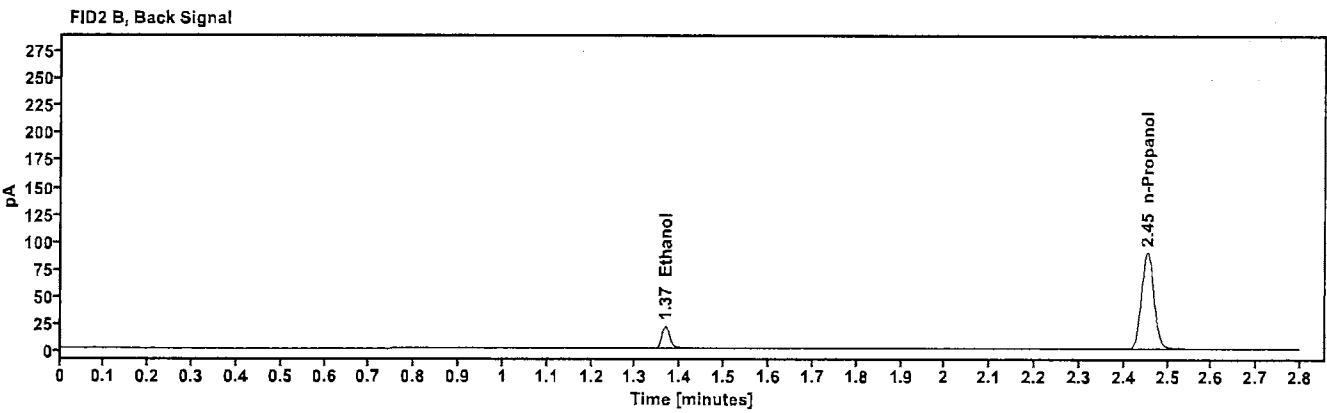
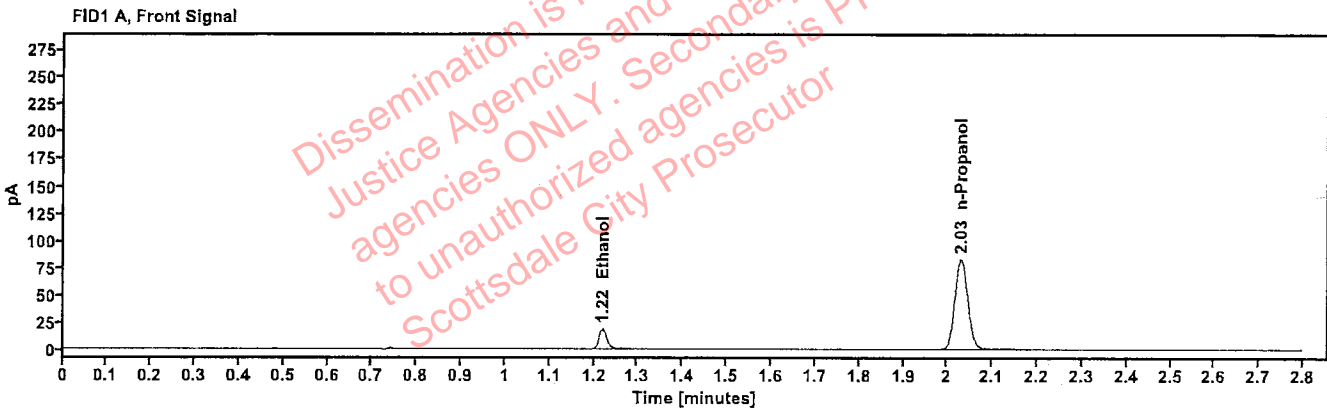


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0405	1.219	23.154
n-Propanol	---	2.030	165.065

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

Compound	Time (min)	Peak Area
Ethanol	1.367	25.224
n-Propanol	2.453	178.936

# Scottsdale Police Department Crime Lab Volatiles Analysis

*JB*

<b>Sample:</b> 4110320133/11	<b>Vial:</b> 9
<b>Description:</b> 0.199	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Dec24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 12/10/2024 7:05:57 PM
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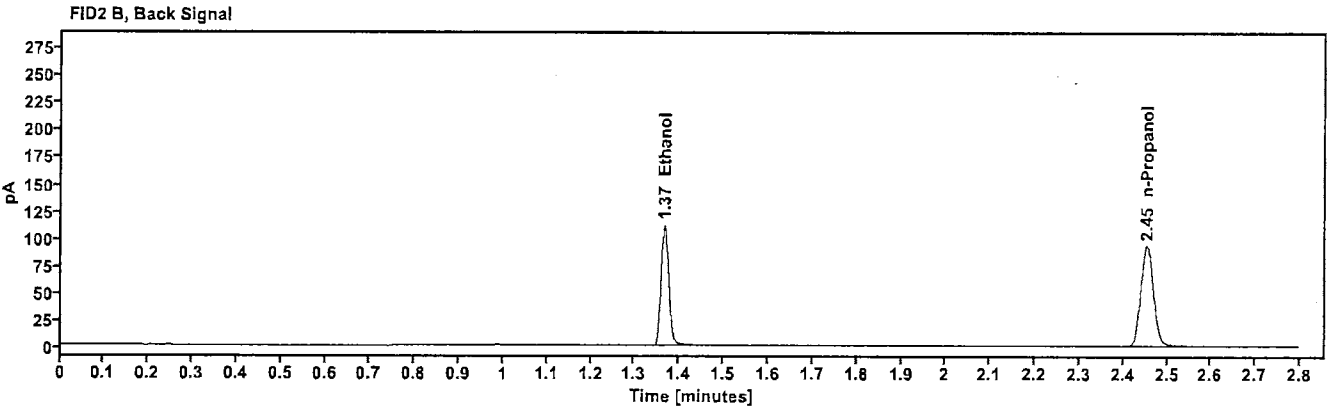
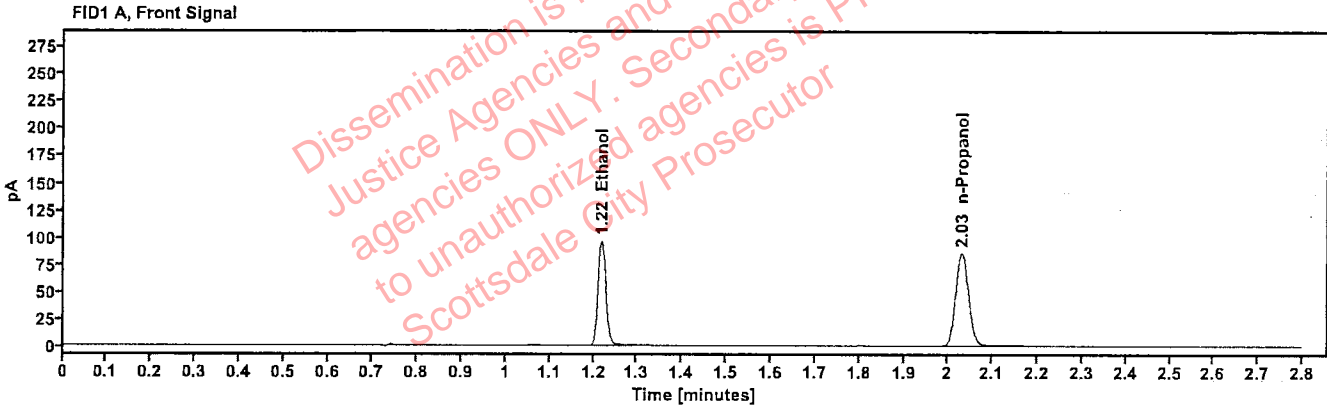


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2029	1.218	121.555
n-Propanol	-----	2.030	170.892

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

Compound	Time (min)	Peak Area
Ethanol	1.367	133.304
n-Propanol	2.454	185.346

# Scottsdale Police Department Crime Lab Volatiles Analysis

PS

Sample: 517758	Vial: 20
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 10Dec24
Instrument: US14173023 CN14160045	Injection date: 12/10/2024 7:50:27 PM
Data file: C:\Chem32\1\Data\10Dec24\20.D	Analyst: Brooke

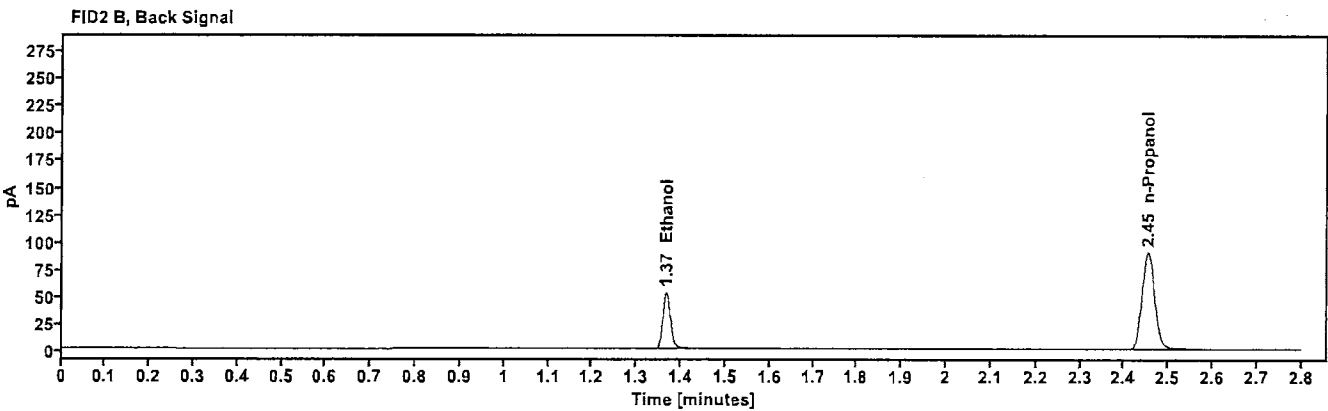
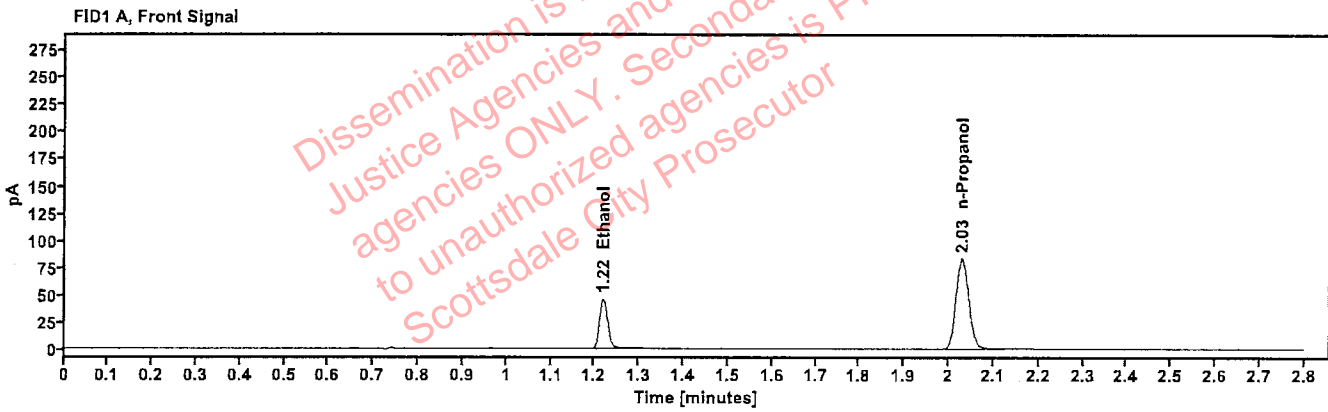


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0995	1.218	57.827
n-Propanol	---	2.030	166.267

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

Compound	Time (min)	Peak Area
Ethanol	1.367	63.296
n-Propanol	2.454	179.880

# Scottsdale Police Department Crime Lab Volatiles Analysis

18

<b>Sample:</b> 4110320133/11	<b>Vial:</b> 31
<b>Description:</b> 0.199	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Dec24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 12/10/2024 8:34:57 PM
<b>Data file:</b> C:\Chem32\1\Data\10Dec24\31.D	<b>Analyst:</b> Brooke

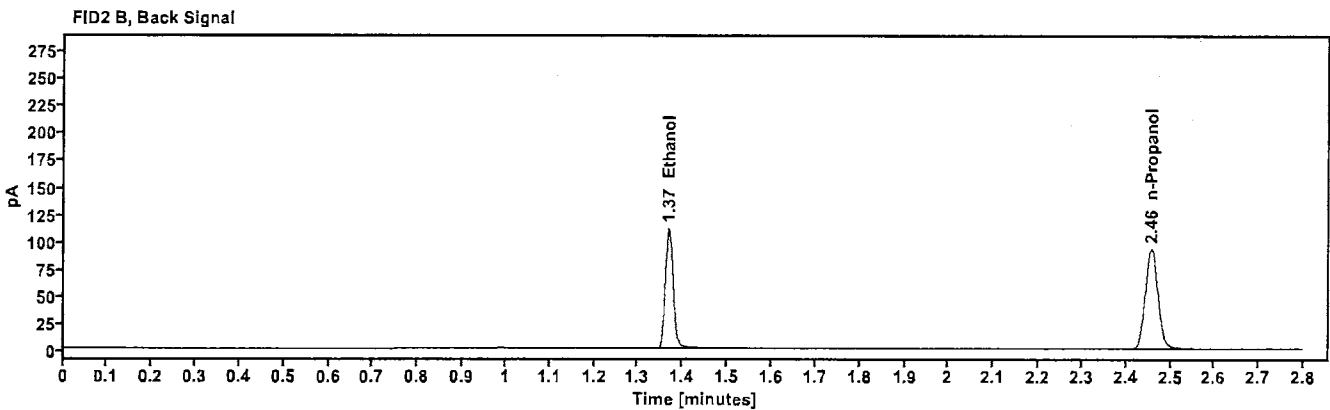
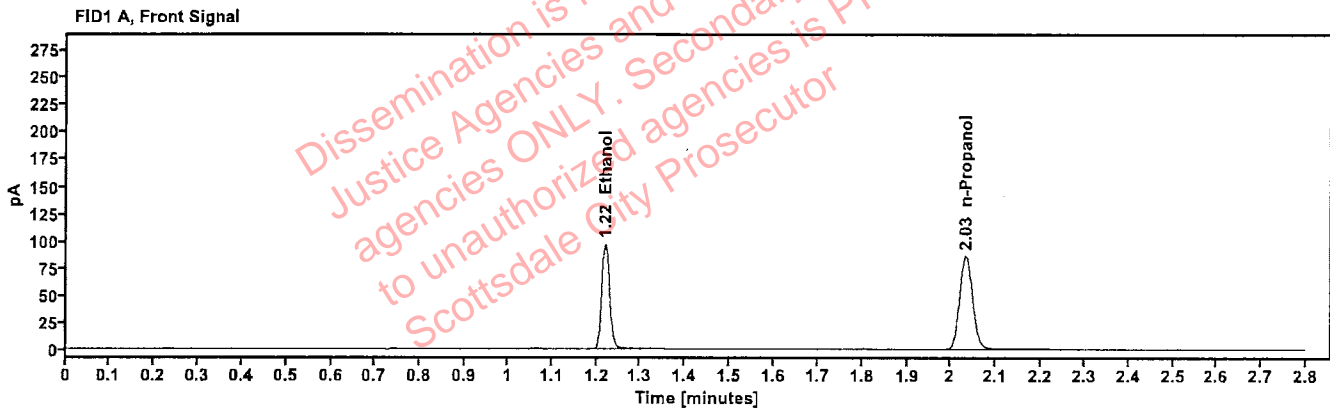


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.220	122.534
n-Propanol	----	2.032	171.633

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

Compound	Time (min)	Peak Area
Ethanol	1.369	134.661
n-Propanol	2.457	185.950

# Scottsdale Police Department Crime Lab Volatiles Analysis

PB

Sample: 517758	Vial: 42
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 10Dec24
Instrument: US14173023 CN14160045	Injection date: 12/10/2024 9:19:12 PM
Data file: C:\Chem32\1\Data\10Dec24\42.D	Analyst: Brooke

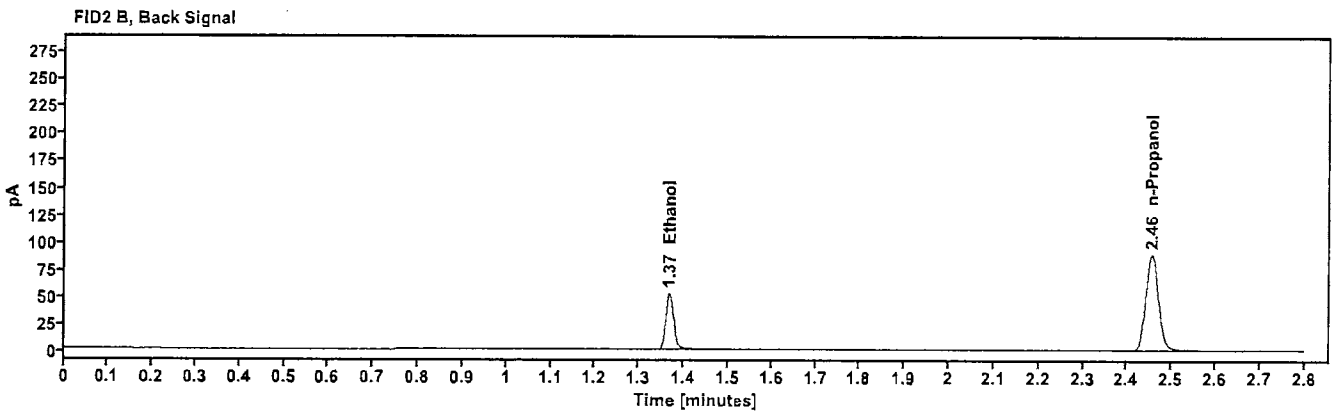
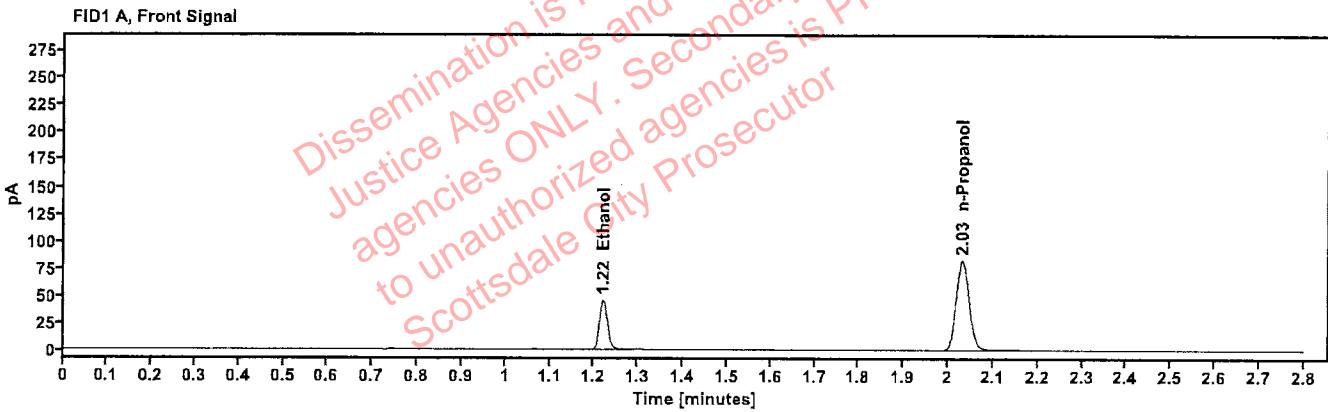


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1002	1.219	57.452
n-Propanol	---	2.031	164.028

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

Compound	Time (min)	Peak Area
Ethanol	1.367	62.749
n-Propanol	2.455	177.814

# Scottsdale Police Department Crime Lab Volatiles Analysis

*RB*

Sample:	12052023-B	Vial:	51
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:55:42 PM
Data file:	C:\Chem32\1\Data\10Dec24\51.D	Analyst:	Brooke

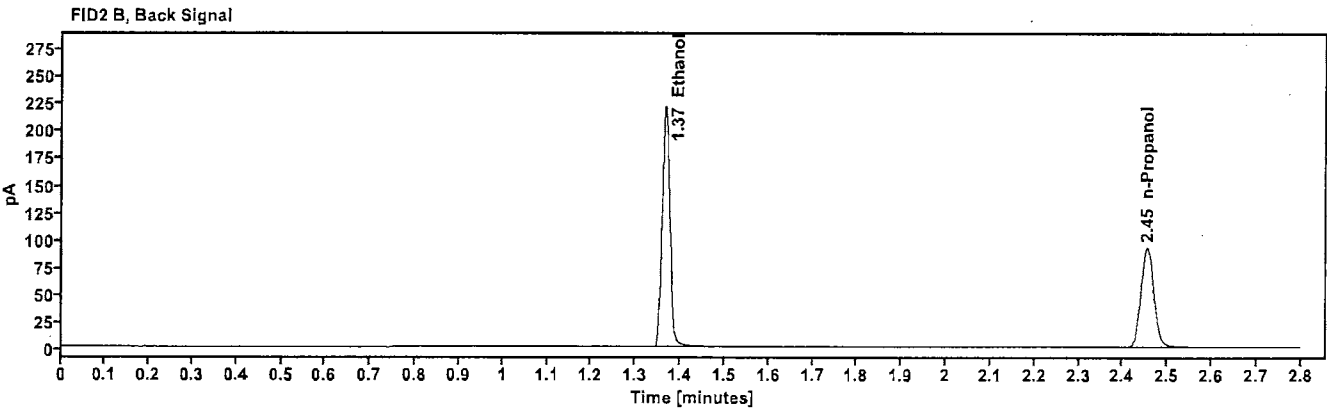
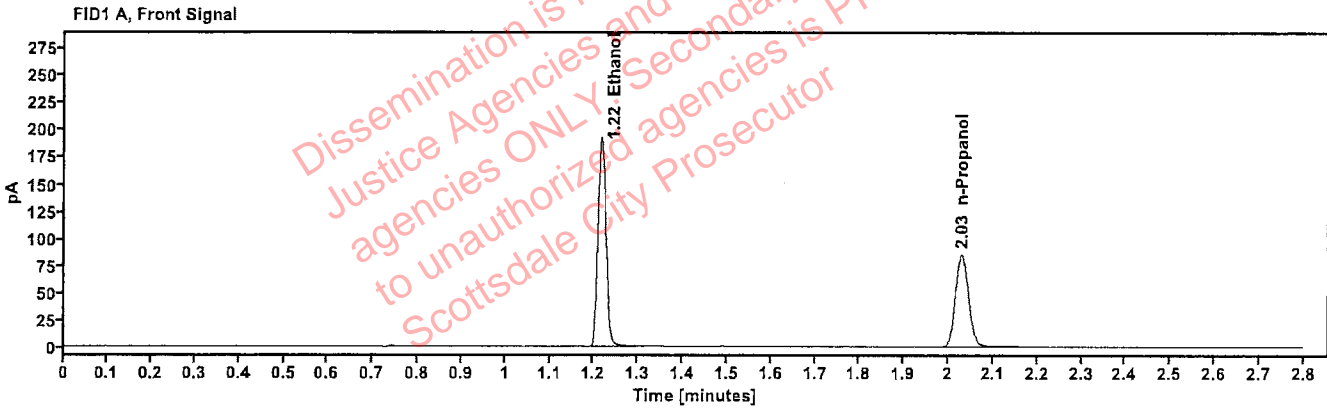


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4065	1.217	243.298
n-Propanol	-----	2.030	170.416

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

Compound	Time (min)	Peak Area
Ethanol	1.366	267.511
n-Propanol	2.454	184.443

# Scottsdale Police Department Crime Lab Volatiles Analysis

PB

Sample: 518018	Vial: 52
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 10Dec24
Instrument: US14173023 CN14160045	Injection date: 12/10/2024 9:59:42 PM
Data file: C:\Chem32\1\Data\10Dec24\52.D	Analyst: Brooke

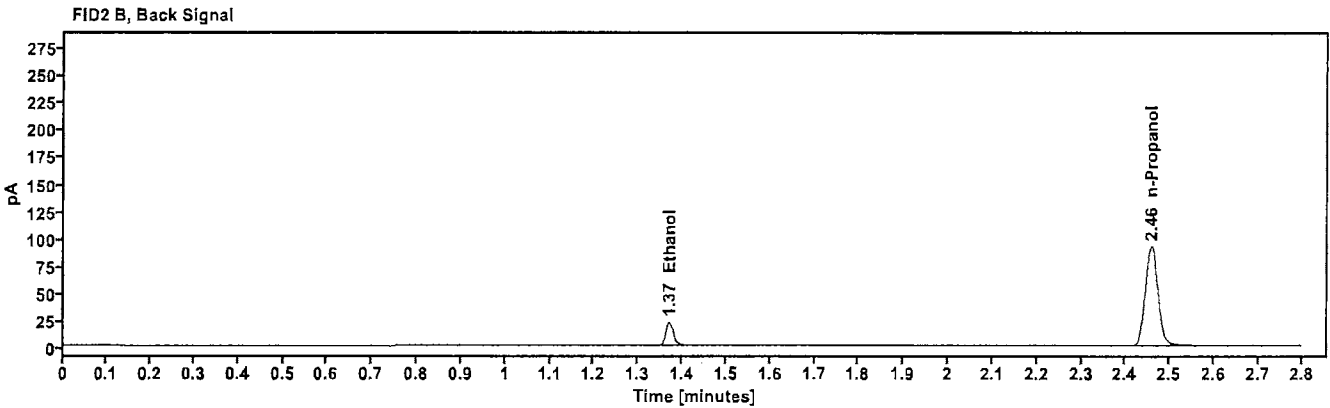
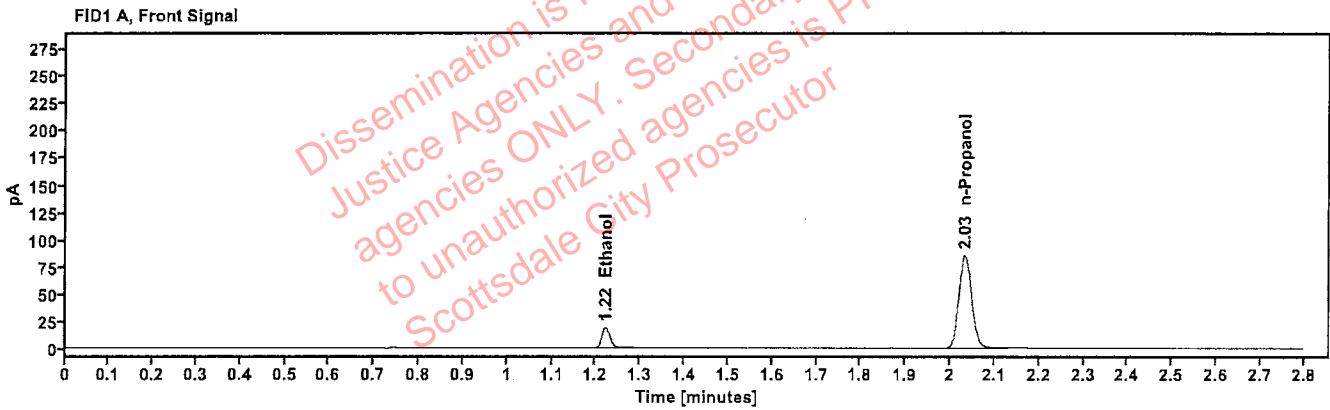


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.221	24.162
n-Propanol	---	2.033	170.648

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

Compound	Time (min)	Peak Area
Ethanol	1.370	26.350
n-Propanol	2.458	184.734



# Scottsdale Police Department Crime Lab Volatiles Analysis

*BP*

Sample: 4110320133/11	Vial: 53
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 10Dec24
Instrument: US14173023 CN14160045	Injection date: 12/10/2024 10:03:42 PM
Data file: C:\Chem32\1\Data\10Dec24\53.D	Analyst: Brooke

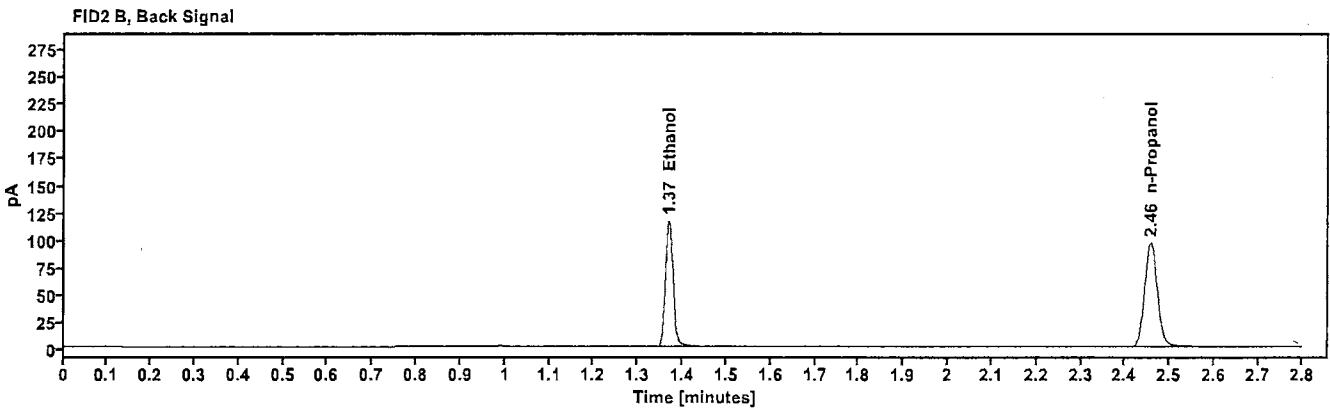
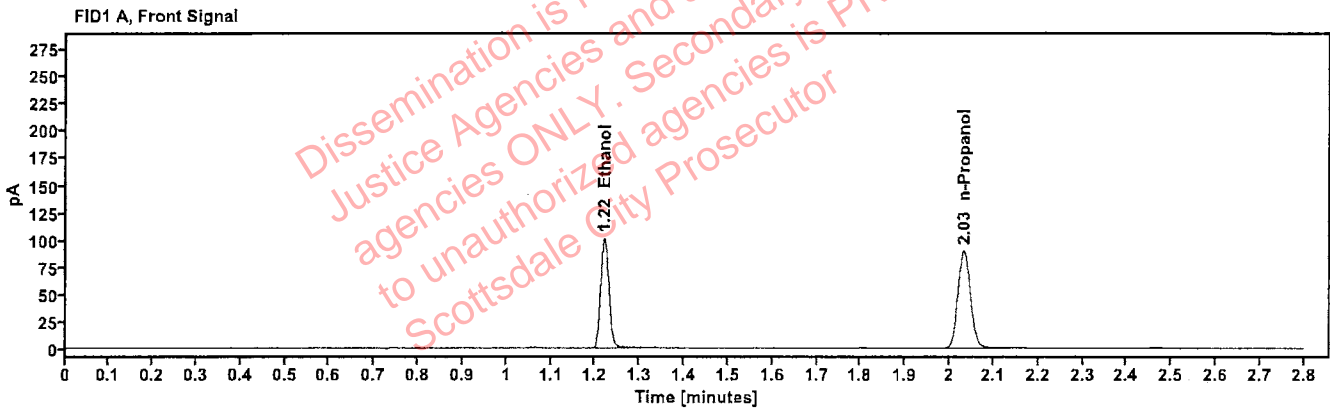


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2048	1.219	128.355
n-Propanol	---	2.032	178.787

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

Compound	Time (min)	Peak Area
Ethanol	1.369	140.590
n-Propanol	2.457	193.503

# Scottsdale Police Department Crime Lab Volatiles Analysis

*B*

Sample: 090524AQ	Vial: 54
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 10Dec24
Instrument: US14173023 CN14160045	Injection date: 12/10/2024 10:07:43 PM
Data file: C:\Chem32\1\Data\10Dec24\54.D	Analyst: Brooke

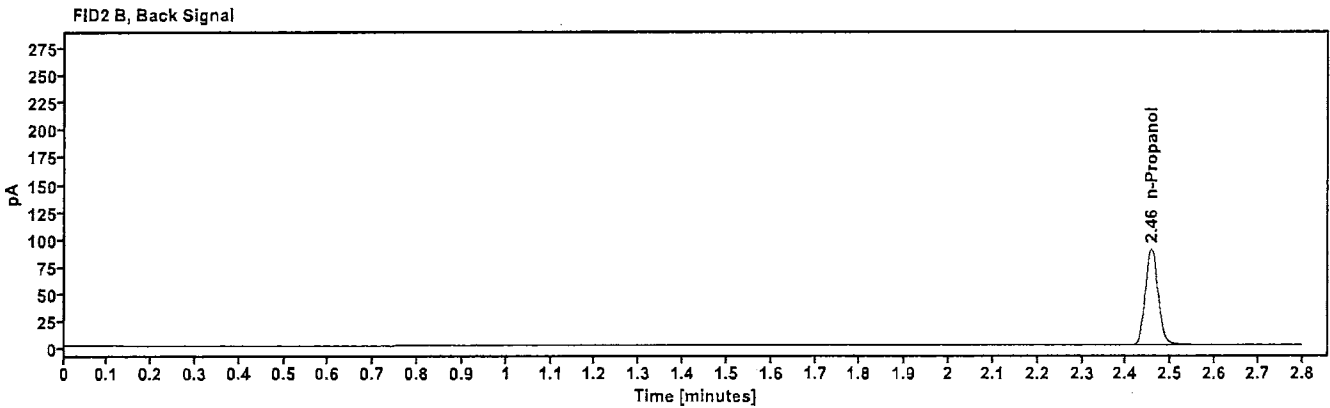
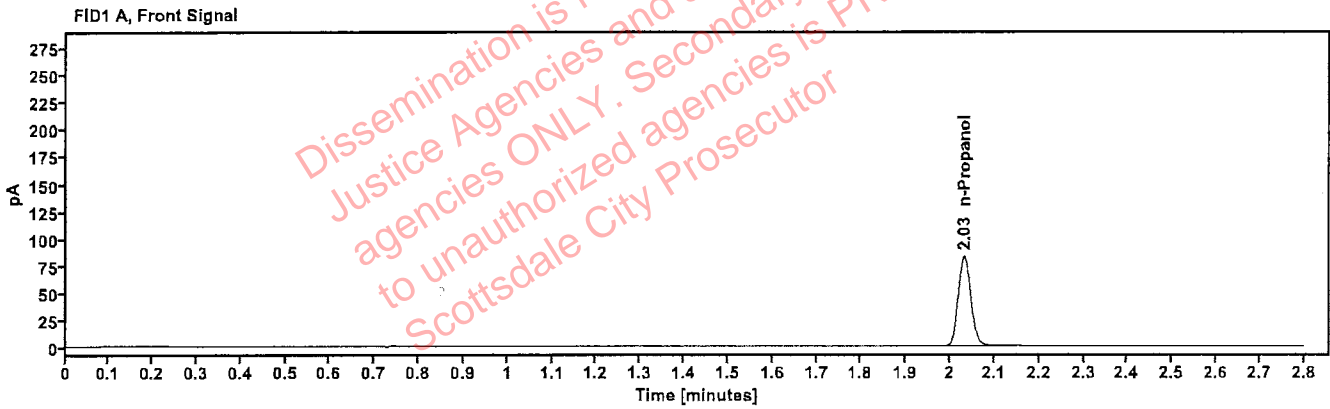


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.032	165.173

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

Compound	Time (min)	Peak Area
n-Propanol	2.456	178.756

# Sequence Summary



Sequence name: 10Dec24      Instrument: US14173023 CN14160045      Analyst: Brooke

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	111224WB	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	441-01R.H.		Sample		ethanol quant.M
11	441-01R.H.		Sample		ethanol quant.M
12	423-01F.F.		Sample		ethanol quant.M
13	423-01F.F.		Sample		ethanol quant.M
14	331-01B.E.		Sample		ethanol quant.M
15	331-01B.E.		Sample		ethanol quant.M
16	347-01C.E.		Sample		ethanol quant.M
17	347-01C.E.		Sample		ethanol quant.M
18	2424335-6		Sample		ethanol quant.M
19	2424335-6		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2424414-2		Sample		ethanol quant.M
22	2424414-2		Sample		ethanol quant.M
23	2424413-2		Sample		ethanol quant.M
24	2424413-2		Sample		ethanol quant.M
25	2424416-3		Sample		ethanol quant.M
26	2424416-3		Sample		ethanol quant.M
27	2424451-1		Sample		ethanol quant.M
28	2424451-1		Sample		ethanol quant.M
29	2424402-2		Sample		ethanol quant.M
30	2424402-2		Sample		ethanol quant.M
31	4110320133/11	0.199	Control		ethanol quant.M
32	2424519-2		Sample		ethanol quant.M
33	2424519-2		Sample		ethanol quant.M
34	2424531-3		Sample		ethanol quant.M
35	2424531-3		Sample		ethanol quant.M
36	2424534-1		Sample		ethanol quant.M
37	2424534-1		Sample		ethanol quant.M
38	2424604-2		Sample		ethanol quant.M
39	2424604-2		Sample		ethanol quant.M
40	2424670-2		Sample		ethanol quant.M
41	2424670-2		Sample		ethanol quant.M
42	517758		Control		ethanol quant.M
43	2424671-3		Sample		ethanol quant.M
44	2424671-3		Sample		ethanol quant.M
45	2424695-1		Sample		ethanol quant.M
46	2424695-1		Sample		ethanol quant.M
47	2423655-1		Sample		ethanol quant.M

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

# Sequence Summary

TS

48	2423655-1		Sample		ethanol quant.M
49	2413664-1		Sample		ethanol quant.M
50	2413664-1		Sample		ethanol quant.M
51	12052023-B	0.400	Control		ethanol quant.M
52	518018	0.040	Control		ethanol quant.M
53	4110320133/11	0.199	Control		ethanol quant.M
54	090524AQ	Negative	Control		ethanol quant.M

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Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 10Dec24

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1874	0.1857	0.18655	0.46	0.00085
12 13	0.1028	0.1015	0.10215	0.64	0.00065
14 15	0.1039	0.1044	0.10415	0.24	0.00025
16 17	0.1679	0.1672	0.16755	0.21	0.00035
18 19	0.0882	0.0864	0.08730	1.03	0.00090
21 22	0.1111	0.1091	0.11010	0.91	0.00100
23 24	0.1118	0.1130	0.11240	0.53	0.00060
25 26	0.1377	0.1353	0.13650	0.88	0.00120
27 28	0.2303	0.2328	0.23155	0.54	0.00125
29 30	0.2095	0.2127	0.21110	0.76	0.00160
32 33	0.2390	0.2351	0.23705	0.82	0.00195
34 35	0.1357	0.1361	0.13590	0.15	0.00020
36 37	0.1532	0.1540	0.15360	0.26	0.00040
38 39	0.0836	0.0831	0.08335	0.30	0.00025
40 41	0.1420	0.1419	0.14195	0.04	0.00005
43 44	0.2119	0.2140	0.21295	0.49	0.00105
45 46	0.2563	0.2590	0.25765	0.52	0.00135
47 48	0.2721	0.2739	0.27300	0.33	0.00090
49 50	0.2253	0.2265	0.22590	0.27	0.00060

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



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	441-01R.H.	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:09:56 PM
Data file:	C:\Chem32\1\Data\10Dec24\10.D	Analyst:	Brooke

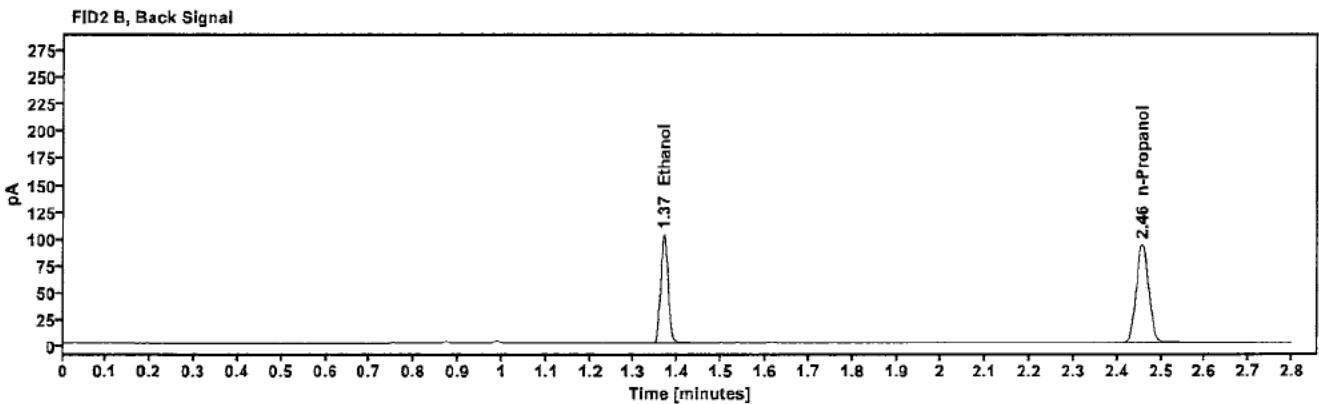
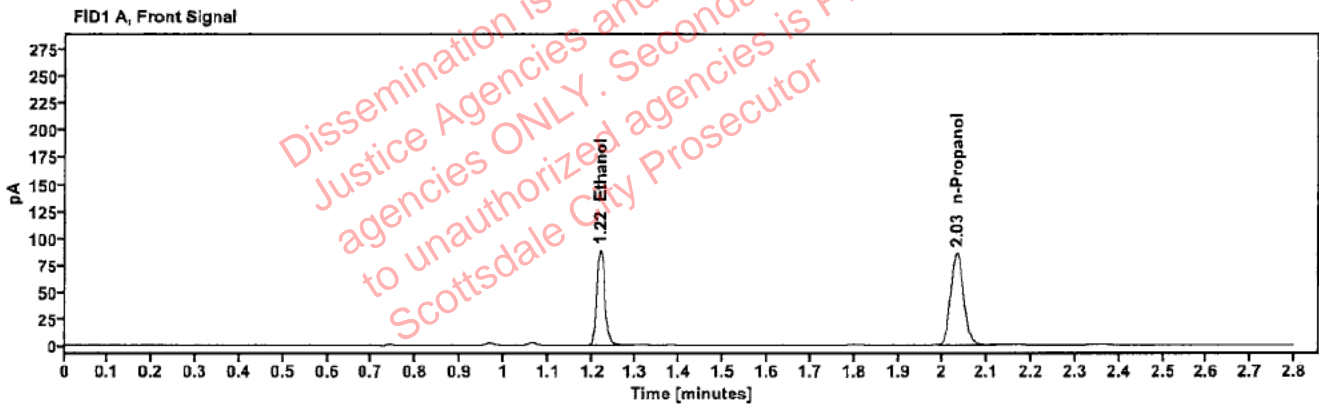


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1874	1.219	111.971
n-Propanol	---	2.032	170.436

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

Compound	Time (min)	Peak Area
Ethanol	1.368	122.866
n-Propanol	2.456	185.164

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	441-01R.H.	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:13:57 PM
Data file:	C:\Chem32\1\Data\10Dec24\11.D	Analyst:	Brooke

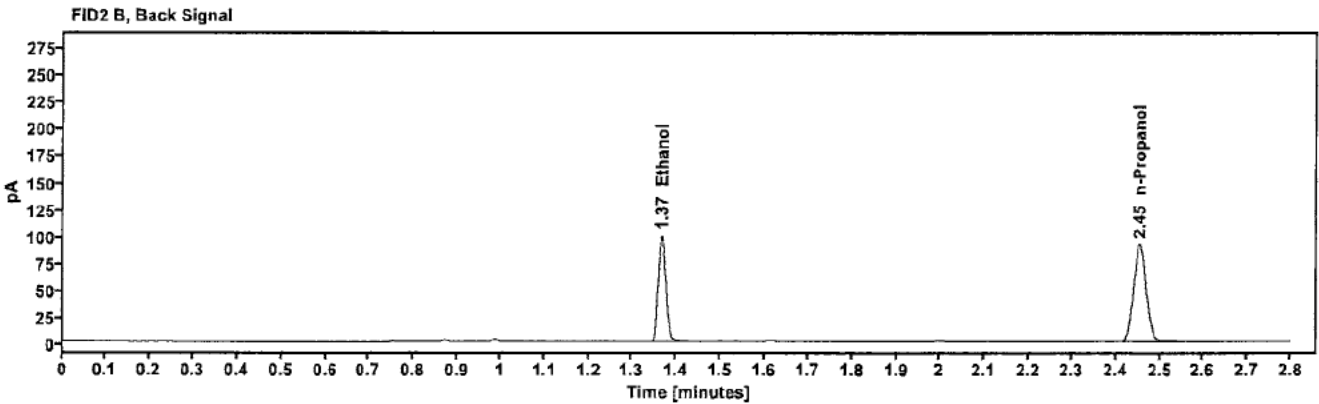
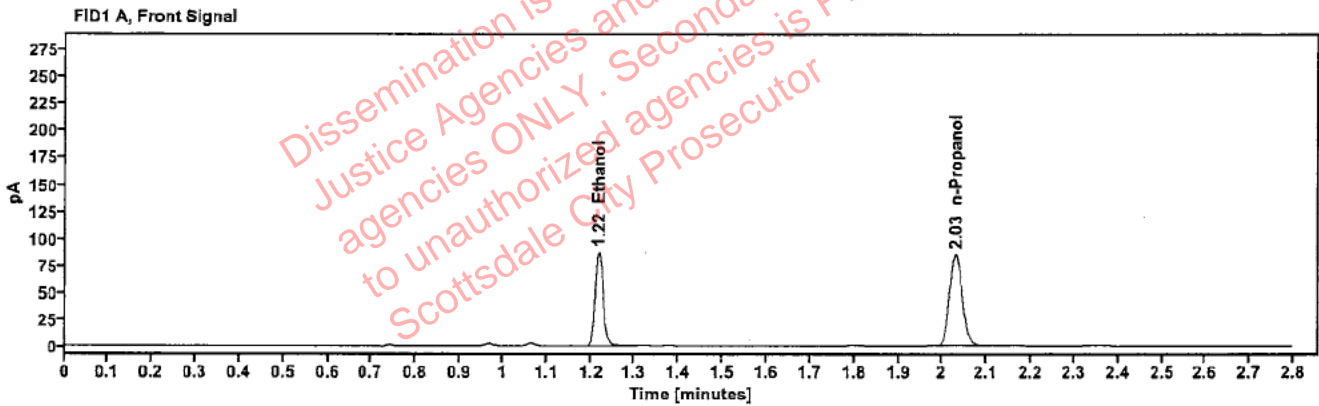


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1857	1.218	109.853
n-Propanol	---	2.030	168.805

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

Compound	Time (min)	Peak Area
Ethanol	1.366	120.346
n-Propanol	2.454	183.372



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	423-01F.F.	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:17:57 PM
Data file:	C:\Chem32\1\Data\10Dec24\12.D	Analyst:	Brooke

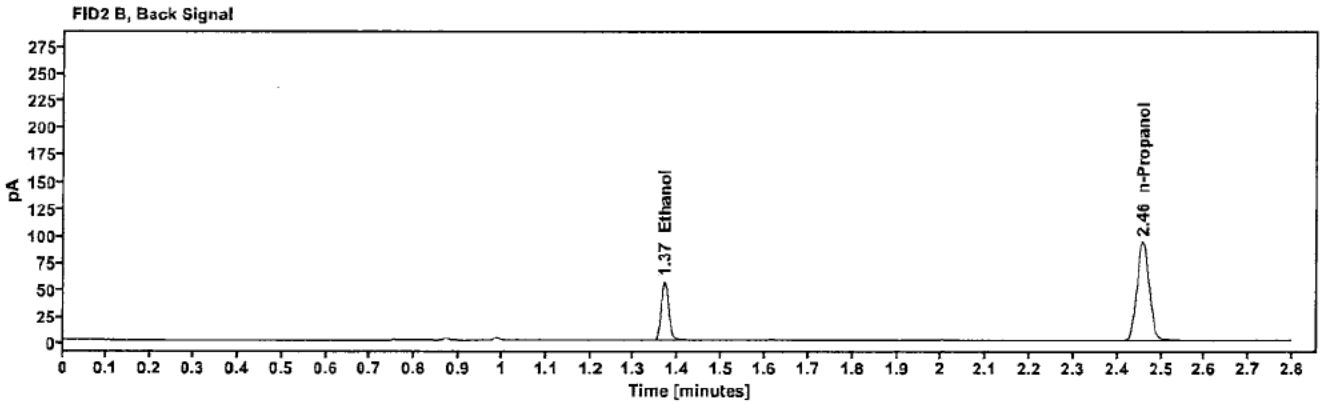
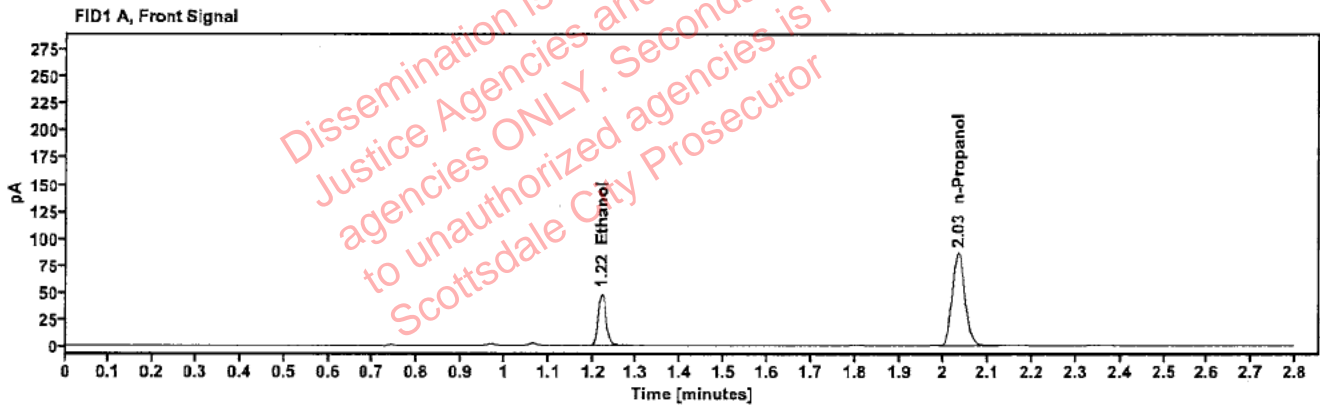


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1028	1.220	61.482
n-Propanol	---	2.032	171.077

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

Compound	Time (min)	Peak Area
Ethanol	1.369	67.291
n-Propanol	2.457	185.975

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	423-01F.F.	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:22:12 PM
Data file:	C:\Chem32\1\Data\10Dec24\13.D	Analyst:	Brooke

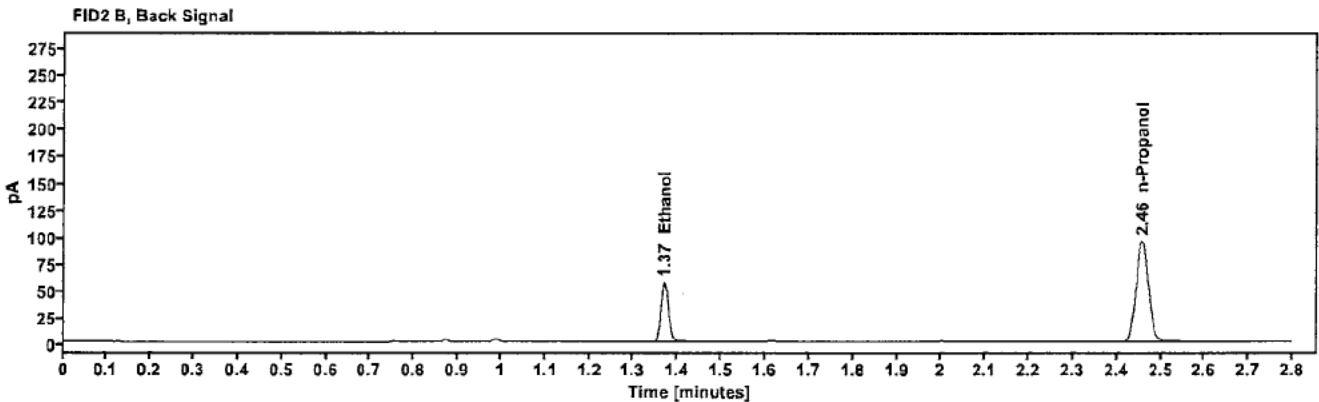
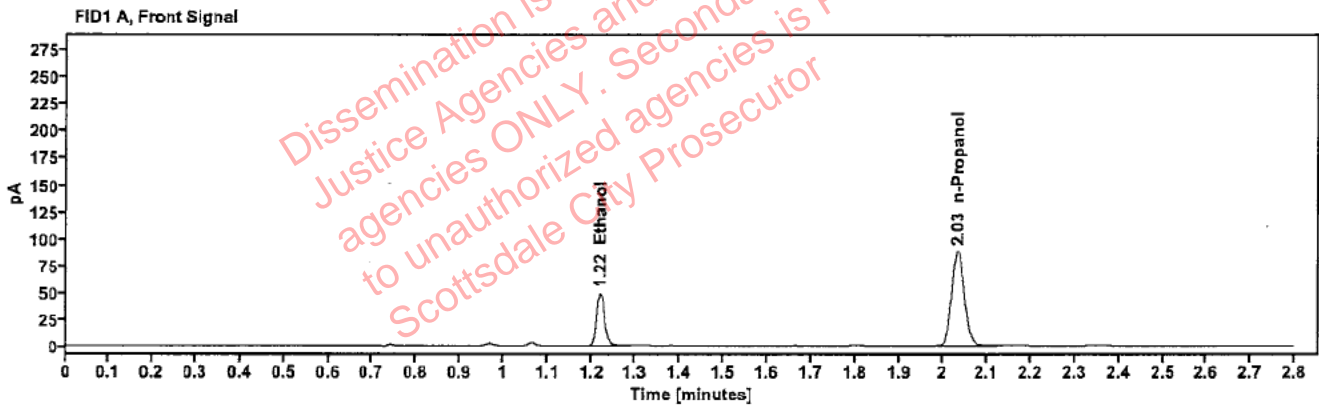


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1015	1.220	62.033
n-Propanol	---	2.032	174.840

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

Compound	Time (min)	Peak Area
Ethanol	1.369	67.941
n-Propanol	2.457	189.837

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	331-01B.E.	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:26:12 PM
Data file:	C:\Chem32\1\Data\10Dec24\14.D	Analyst:	Brooke

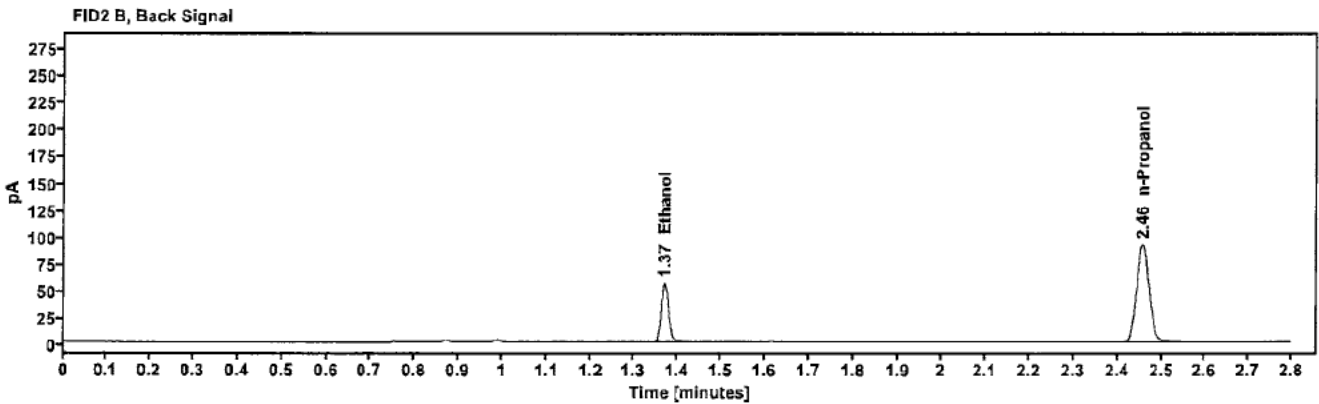
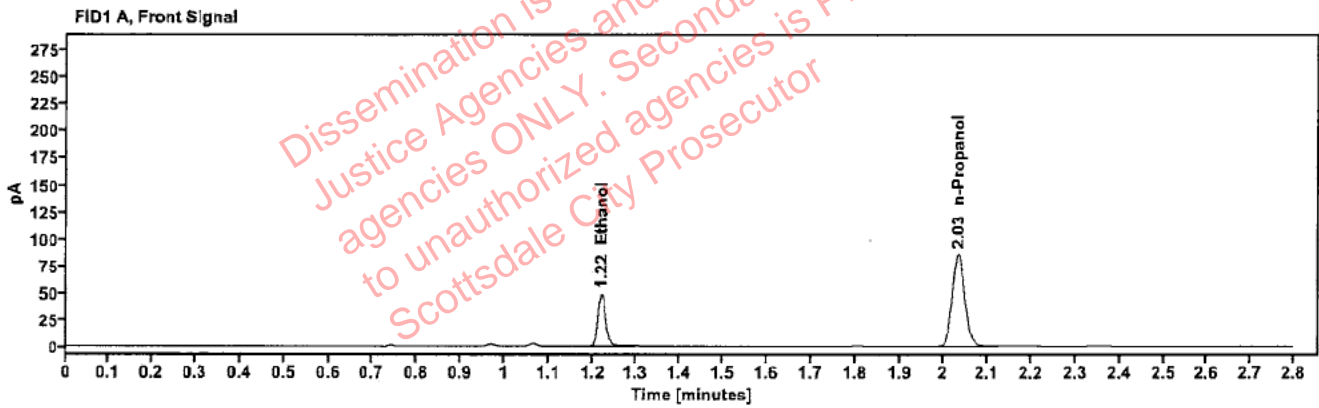


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1039	1.220	61.473
n-Propanol	---	2.033	169.269

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

Compound	Time (min)	Peak Area
Ethanol	1.369	67.120
n-Propanol	2.457	183.888

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	331-01B.E.	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:30:12 PM
Data file:	C:\Chem32\1\Data\10Dec24\15.D	Analyst:	Brooke

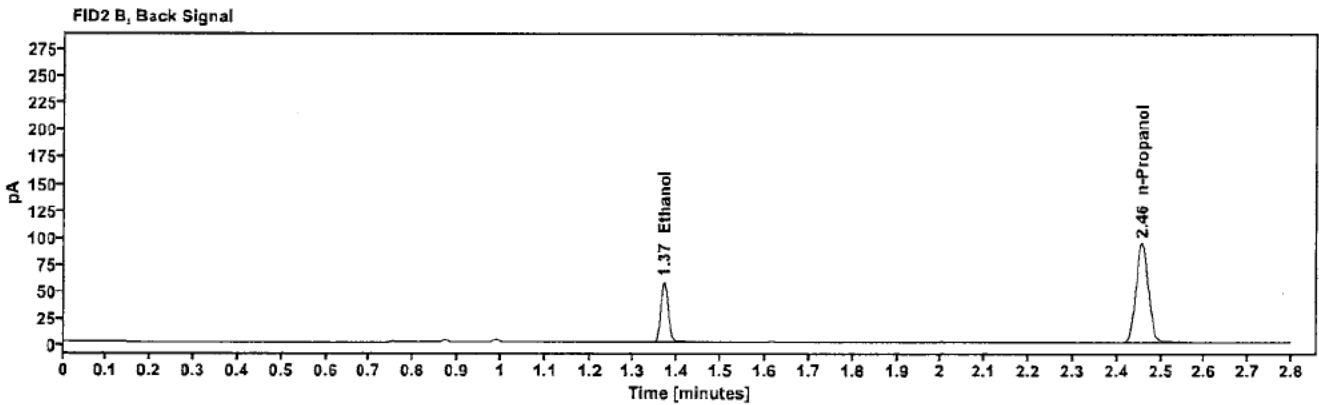
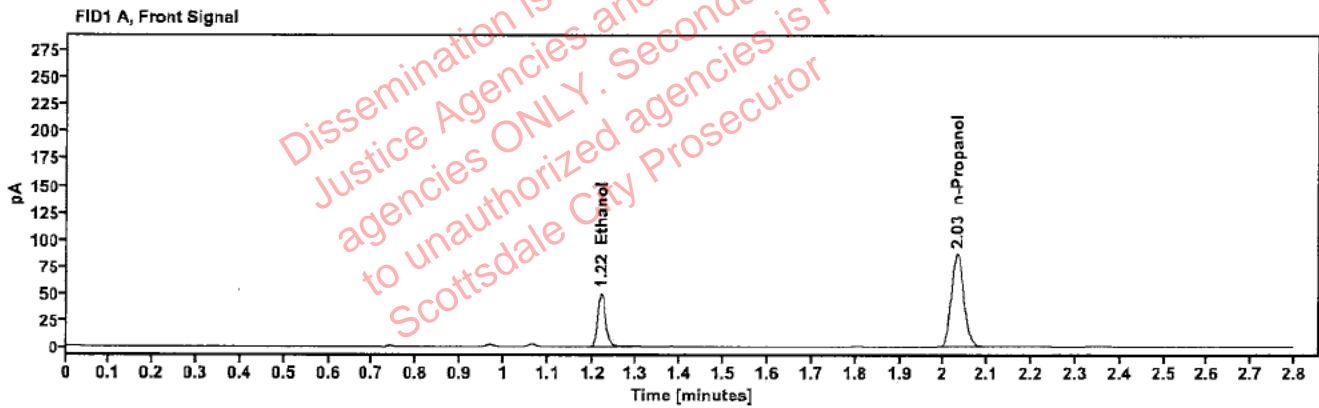


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1044	1.220	62.858
n-Propanol	---	2.032	172.286

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

Compound	Time (min)	Peak Area
Ethanol	1.369	68.688
n-Propanol	2.456	187.131

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	347-01C.E.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:34:11 PM
Data file:	C:\Chem32\1\Data\10Dec24\16.D	Analyst:	Brooke

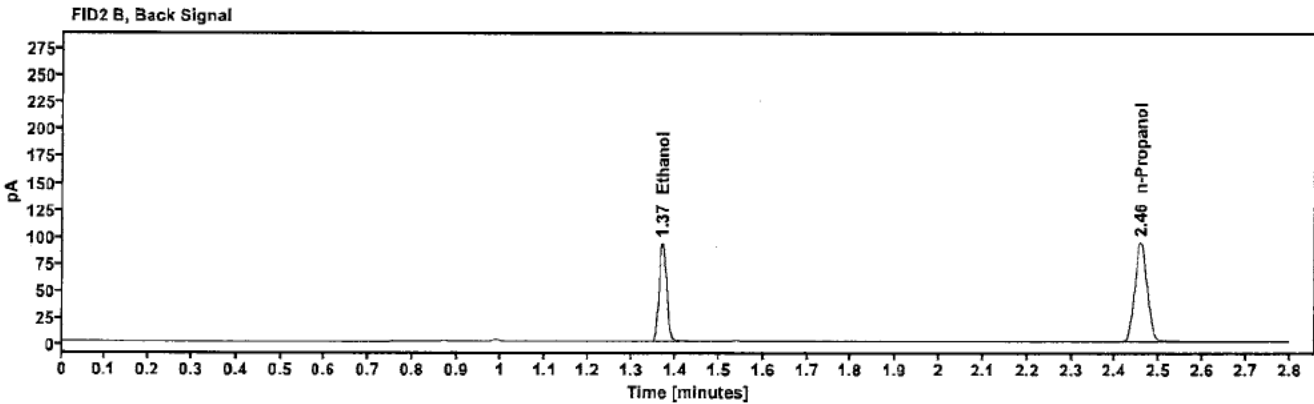
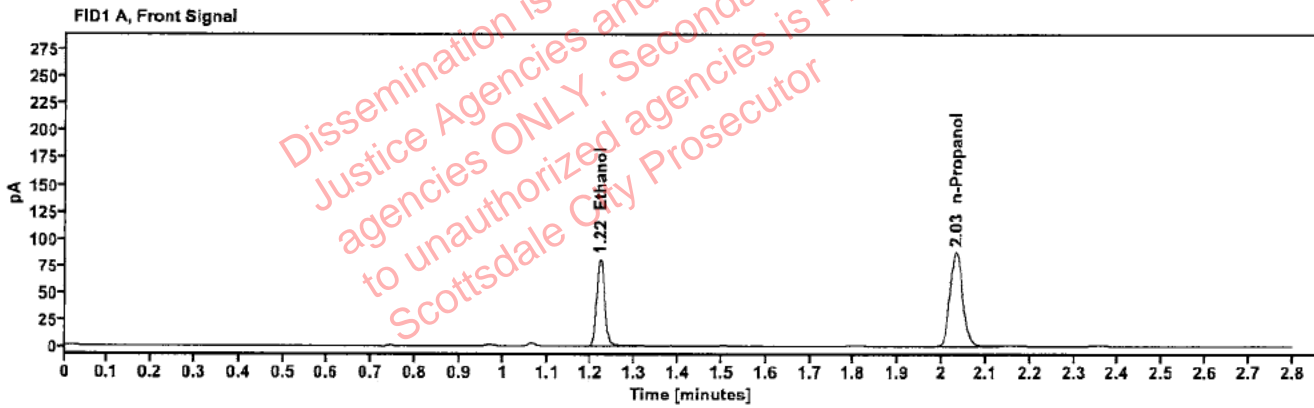


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1679	1.220	102.088
n-Propanol	—	2.032	173.515

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

Compound	Time (min)	Peak Area
Ethanol	1.369	111.704
n-Propanol	2.457	188.142

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	347-01C.E.	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:38:12 PM
Data file:	C:\Chem32\1\Data\10Dec24\17.D	Analyst:	Brooke

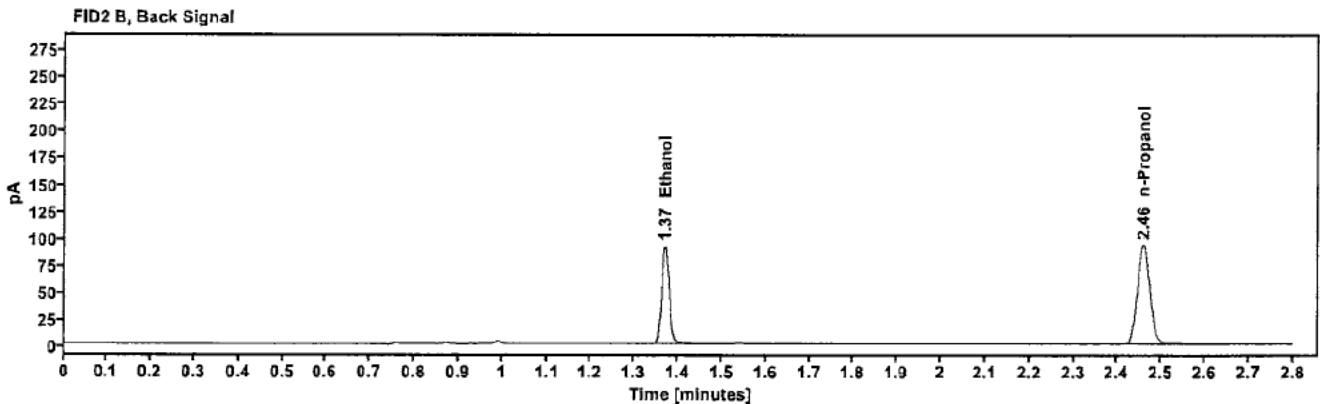
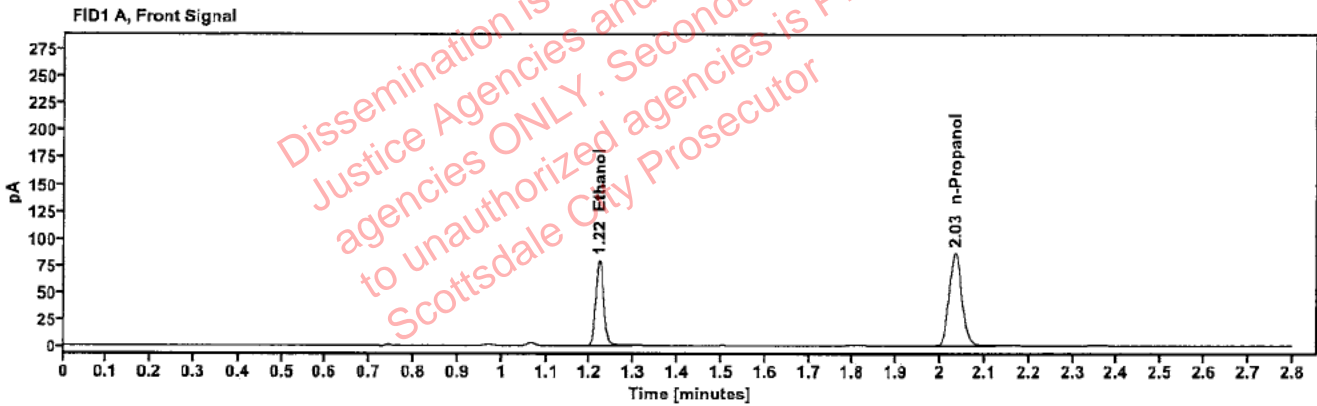


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1672	1.220	100.438
n-Propanol	-----	2.034	171.483

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

Compound	Time (min)	Peak Area
Ethanol	1.370	110.005
n-Propanol	2.458	185.943

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424335-6	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:42:12 PM
Data file:	C:\Chem32\1\Data\10Dec24\18.D	Analyst:	Brooke

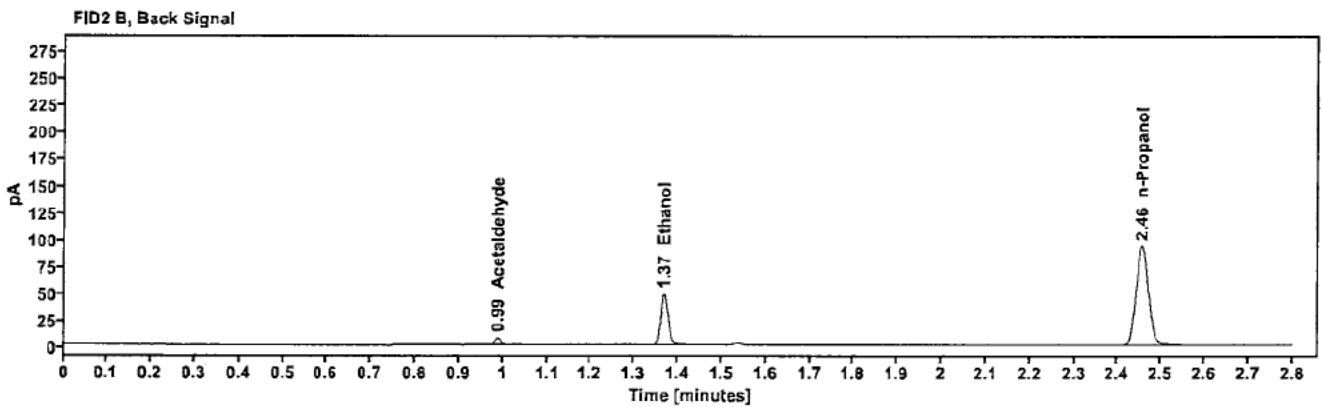
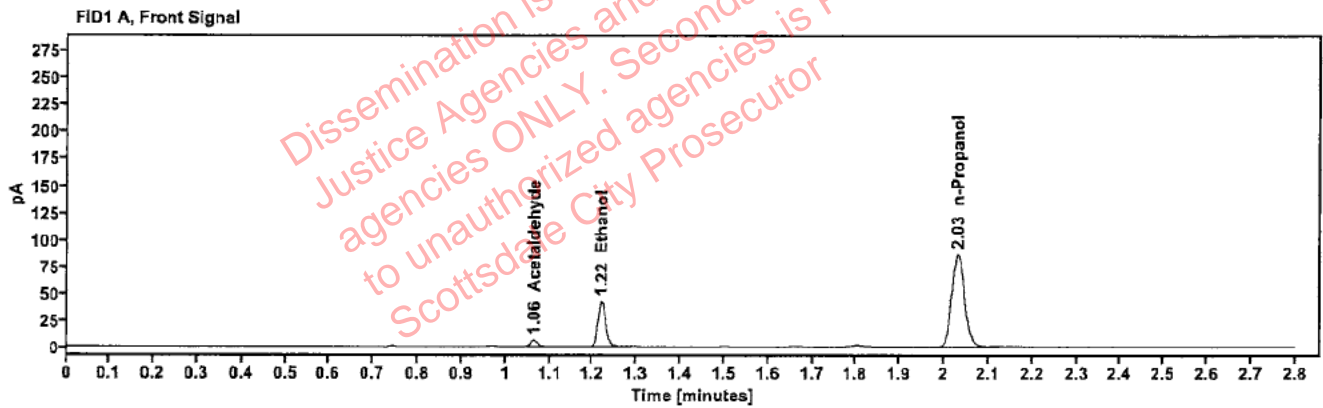


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.063	6.015
>Ethanol	0.0882	1.220	52.765
n-Propanol	---	2.031	171.413

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	6.775
Ethanol	1.368	58.235
n-Propanol	2.456	185.669

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424335-6	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:46:28 PM
Data file:	C:\Chem32\1\Data\10Dec24\19.D	Analyst:	Brooke

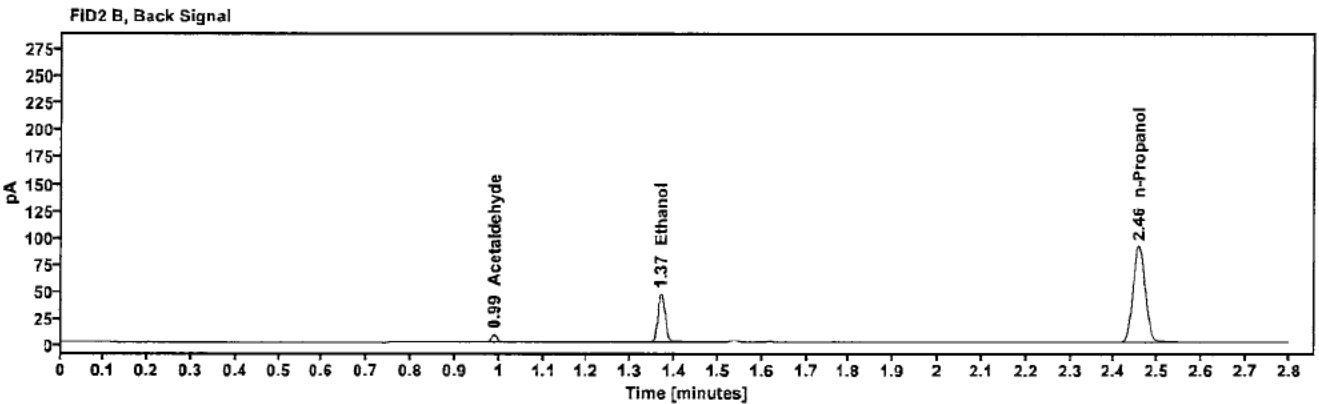
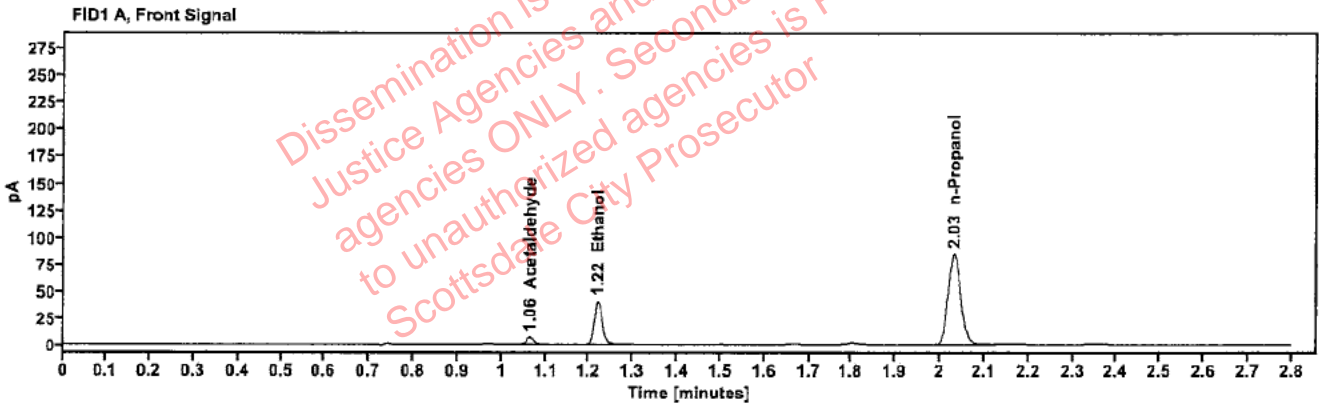


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.064	6.667
>Ethanol	0.0864	1.220	50.664
n-Propanol	-----	2.032	167.884

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	7.531
Ethanol	1.368	55.980
n-Propanol	2.457	182.150



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424414-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:54:27 PM
Data file:	C:\Chem32\1\Data\10Dec24\21.D	Analyst:	Brooke

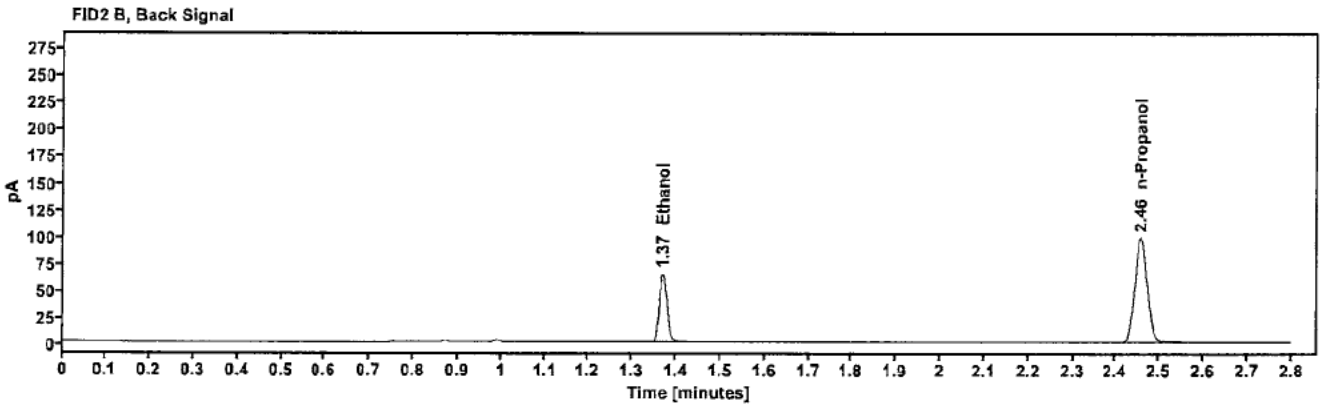
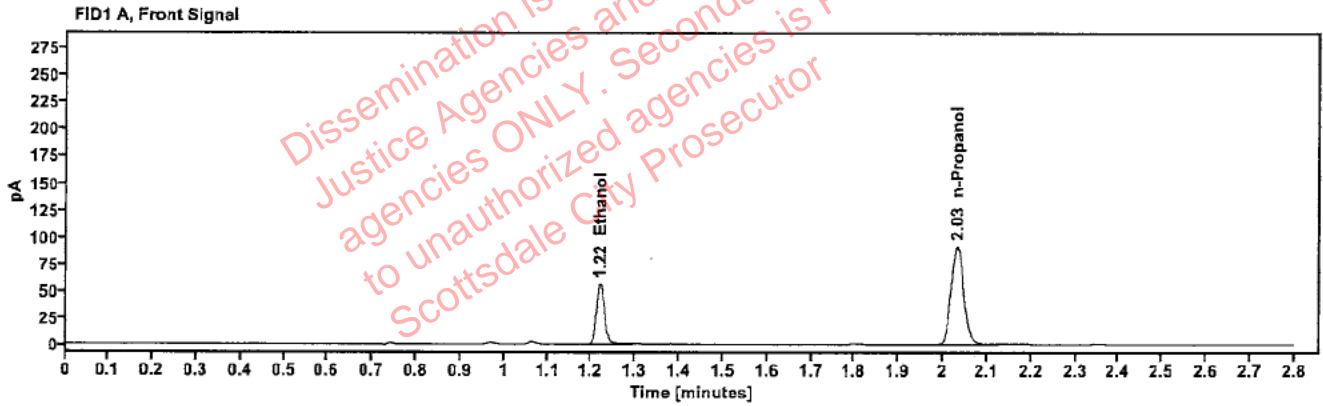


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1111	1.220	70.907
n-Propanol	---	2.032	182.535

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

Compound	Time (min)	Peak Area
Ethanol	1.369	77.312
n-Propanol	2.457	197.944

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424414-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 7:58:27 PM
Data file:	C:\Chem32\1\Data\10Dec24\22.D	Analyst:	Brooke

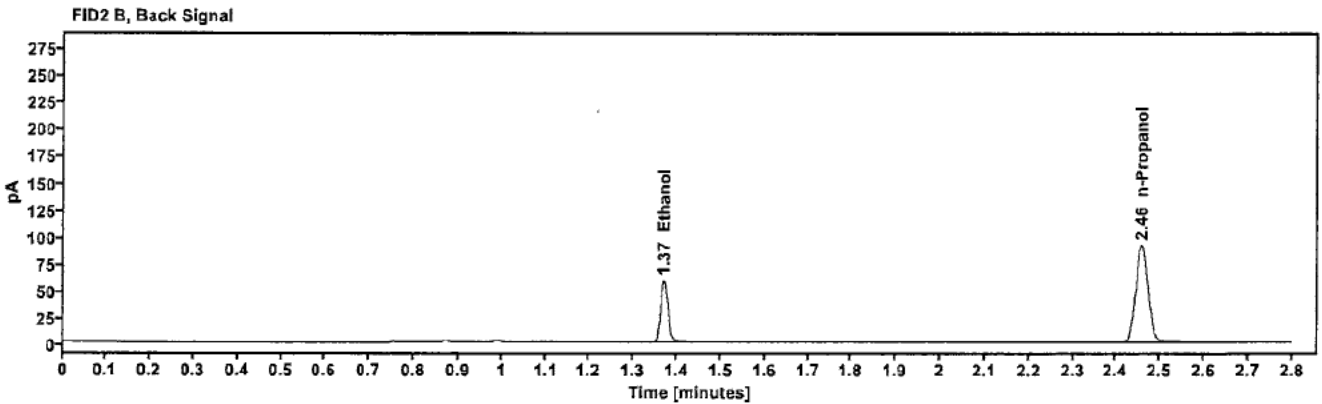
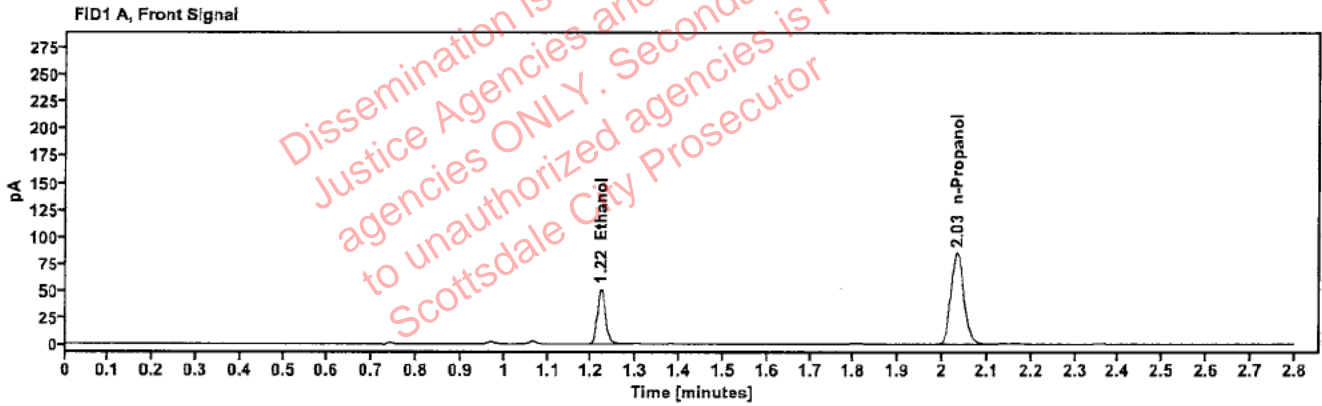


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1091	1.221	64.201
n-Propanol	---	2.033	168.319

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

Compound	Time (min)	Peak Area
Ethanol	1.369	69.992
n-Propanol	2.458	182.310

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424413-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:02:28 PM
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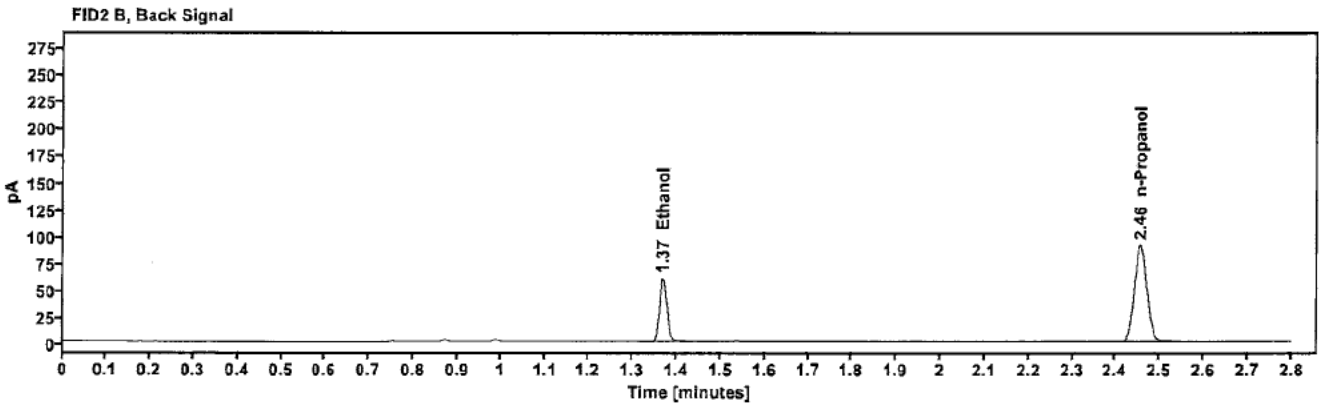
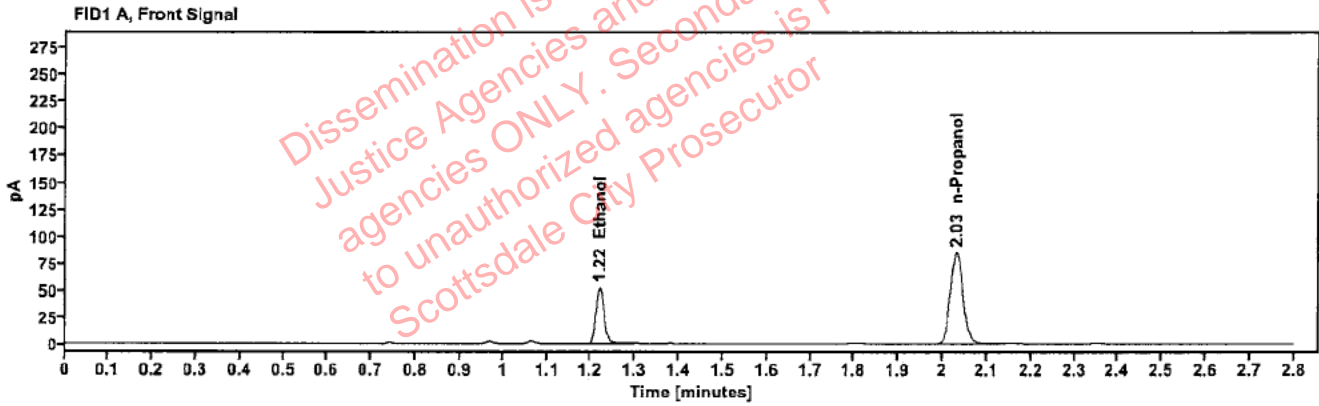


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1118	1.219	65.759
n-Propanol	—	2.031	168.236

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

Compound	Time (min)	Peak Area
Ethanol	1.368	71.701
n-Propanol	2.456	182.232

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424413-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:06:27 PM
Data file:	C:\Chem32\1\Data\10Dec24\24.D	Analyst:	Brooke

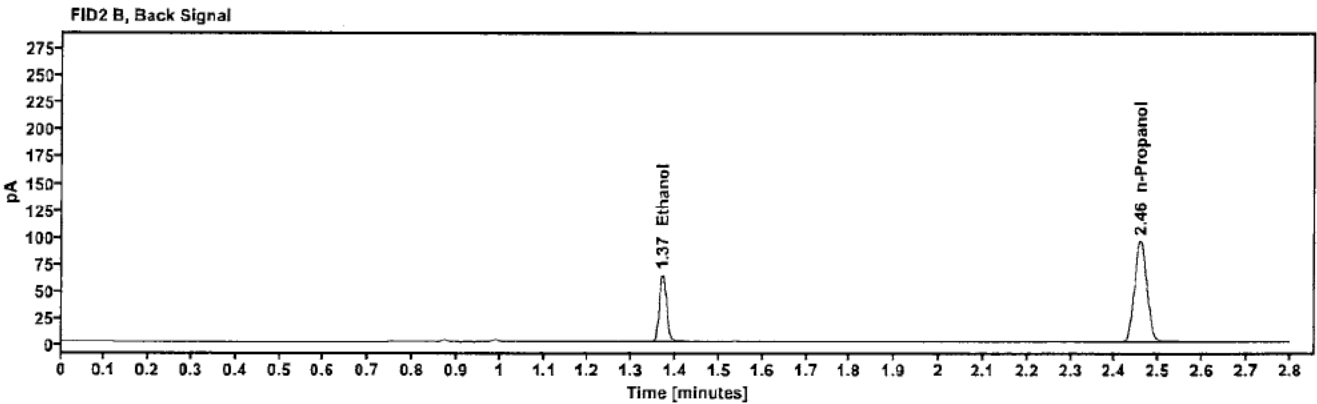
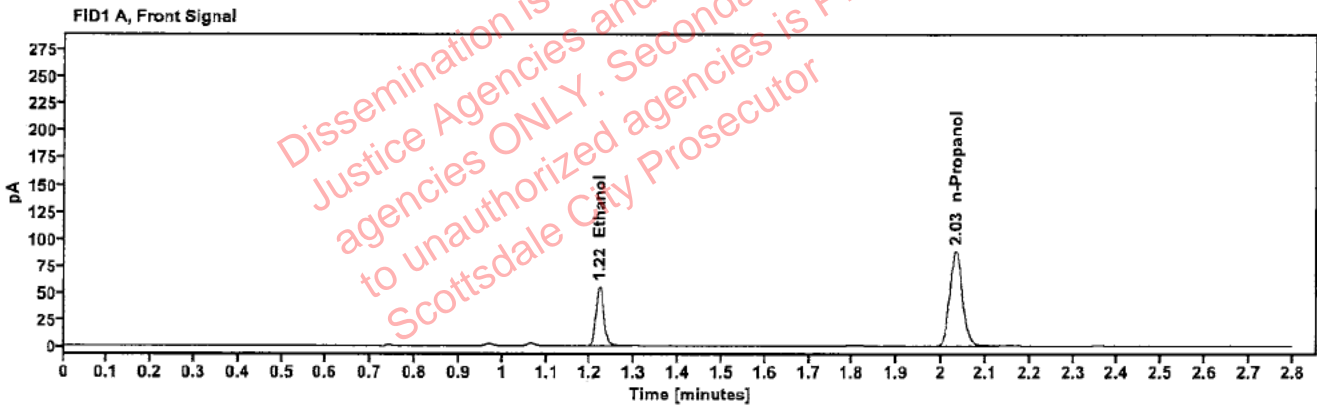


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1130	1.220	69.735
n-Propanol	-----	2.033	176.393

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

Compound	Time (min)	Peak Area
Ethanol	1.369	76.122
n-Propanol	2.458	191.049

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424416-3	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:10:42 PM
Data file:	C:\Chem32\1\Data\10Dec24\25.D	Analyst:	Brooke

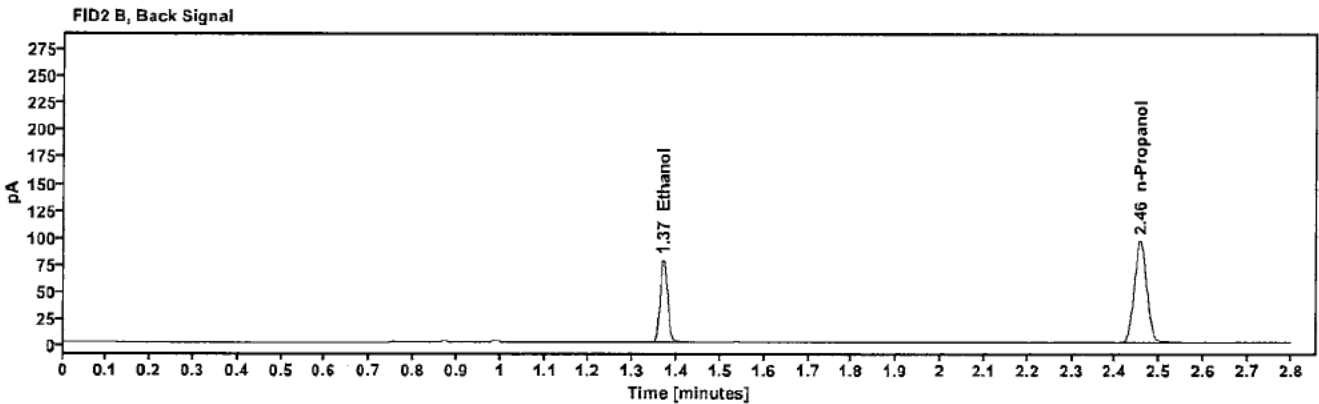
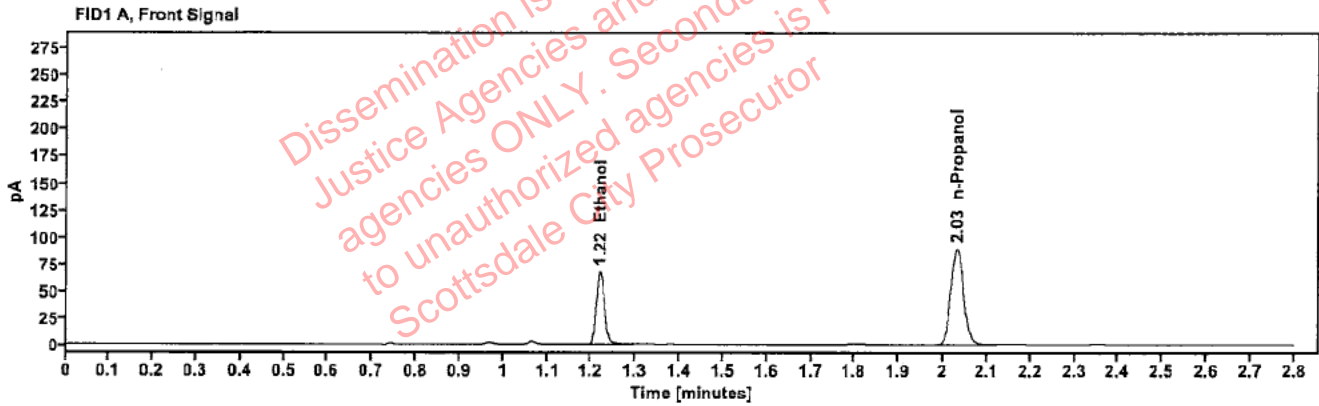


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1377	1.219	85.936
n-Propanol	---	2.031	178.227

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

Compound	Time (min)	Peak Area
Ethanol	1.368	94.047
n-Propanol	2.455	193.195

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424416-3	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:14:43 PM
Data file:	C:\Chem32\1\Data\10Dec24\26.D	Analyst:	Brooke

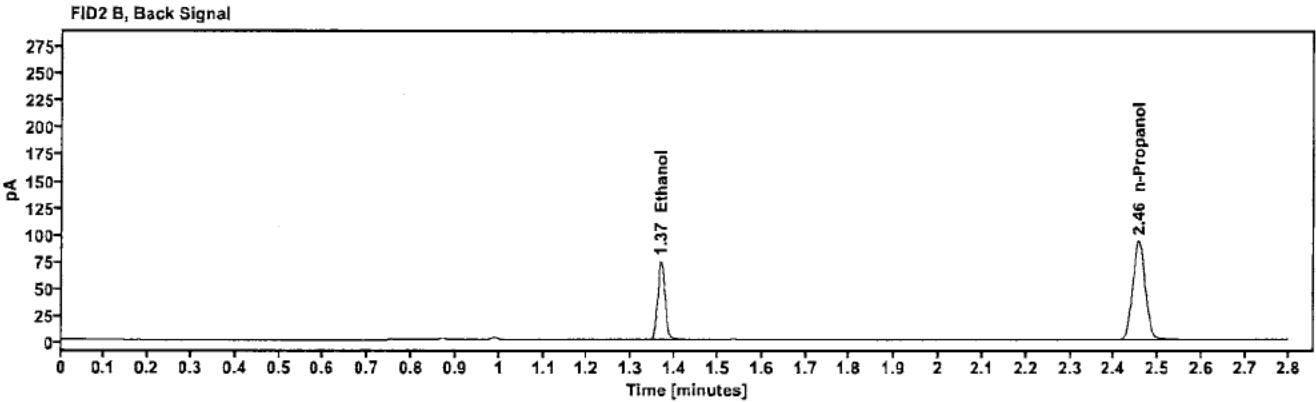
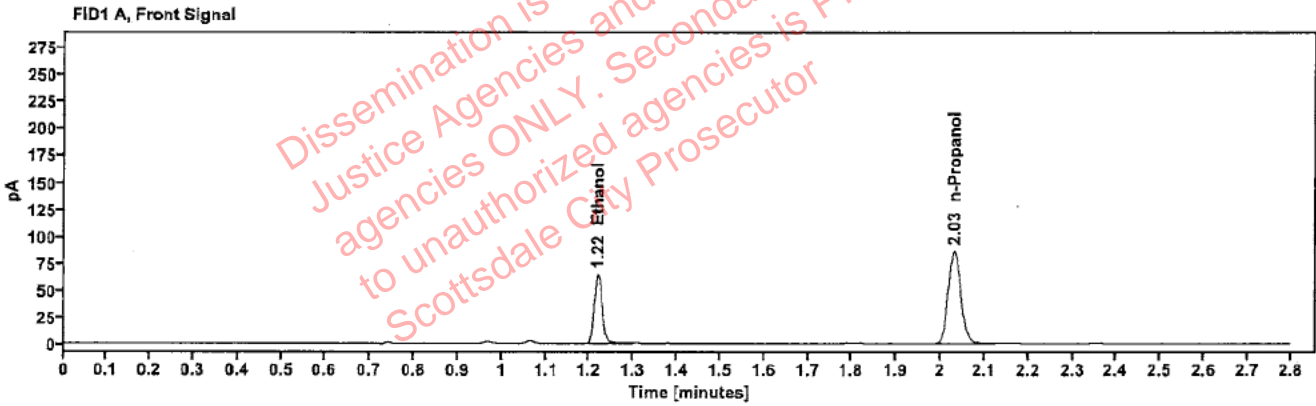


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1353	1.219	81.230
n-Propanol	---	2.031	171.475

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

Compound	Time (min)	Peak Area
Ethanol	1.367	88.692
n-Propanol	2.455	185.744

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424451-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:18:42 PM
Data file:	C:\Chem32\1\Data\10Dec24\27.D	Analyst:	Brooke

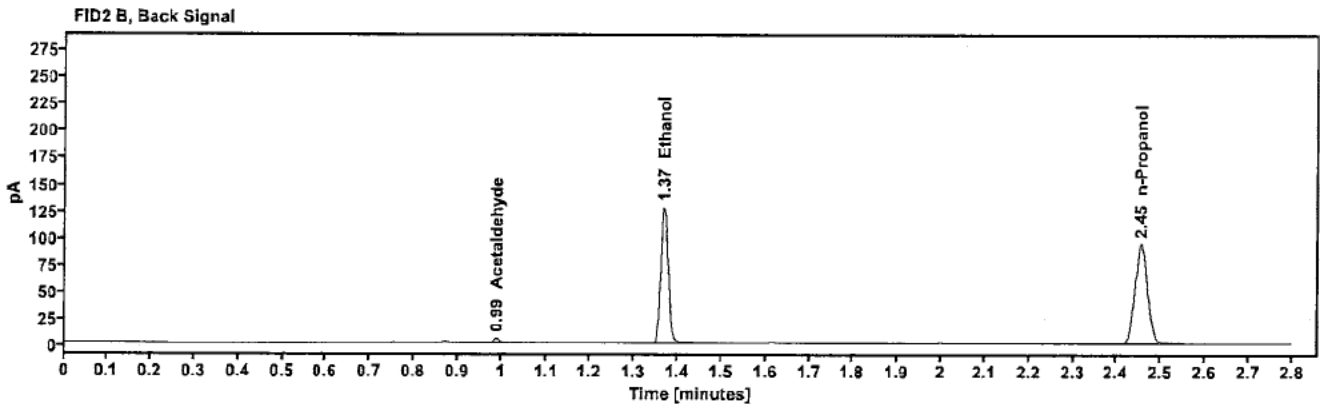
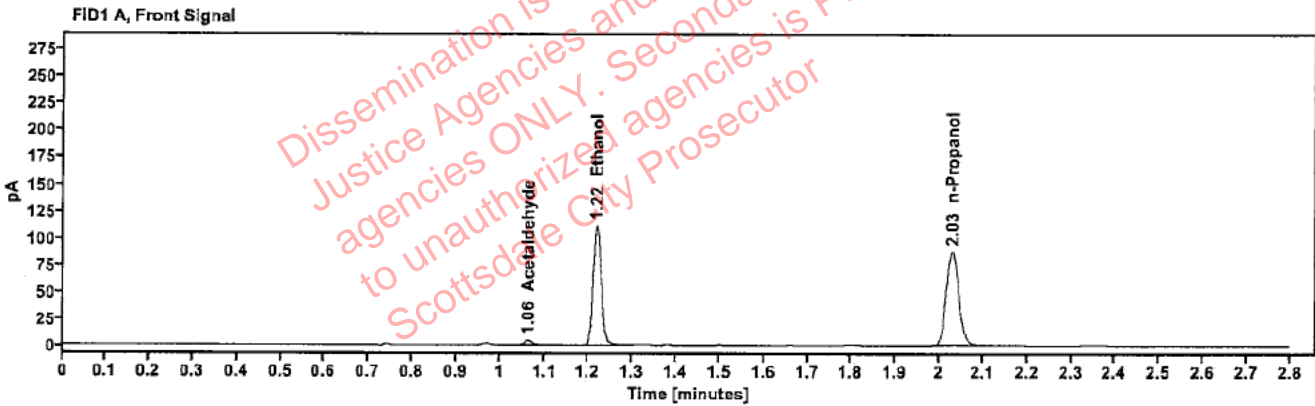


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.063	4.404
>Ethanol	0.2303	1.218	140.594
n-Propanol	---	2.030	174.037

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	4.976
Ethanol	1.367	154.017
n-Propanol	2.454	188.394

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424451-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:22:42 PM
Data file:	C:\Chem32\1\Data\10Dec24\28.D	Analyst:	Brooke

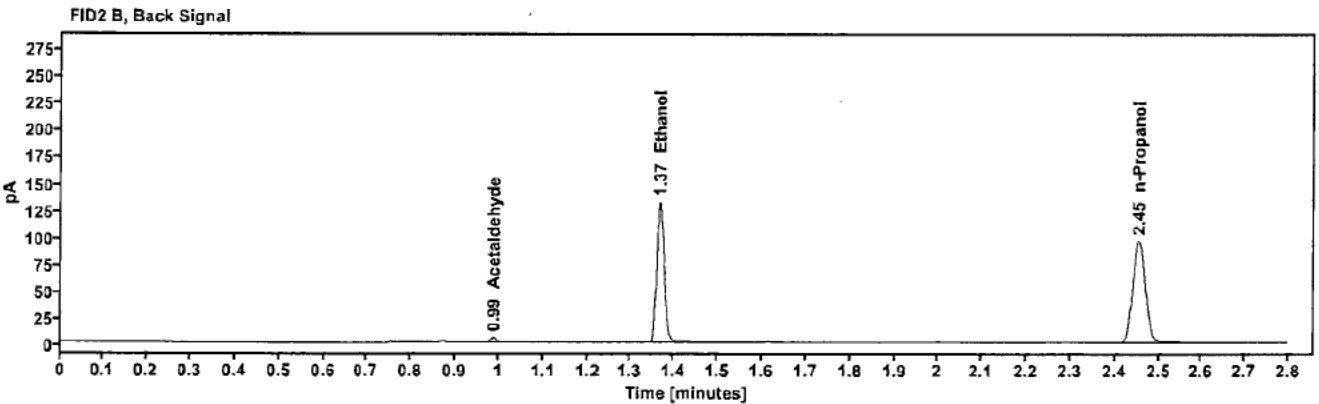
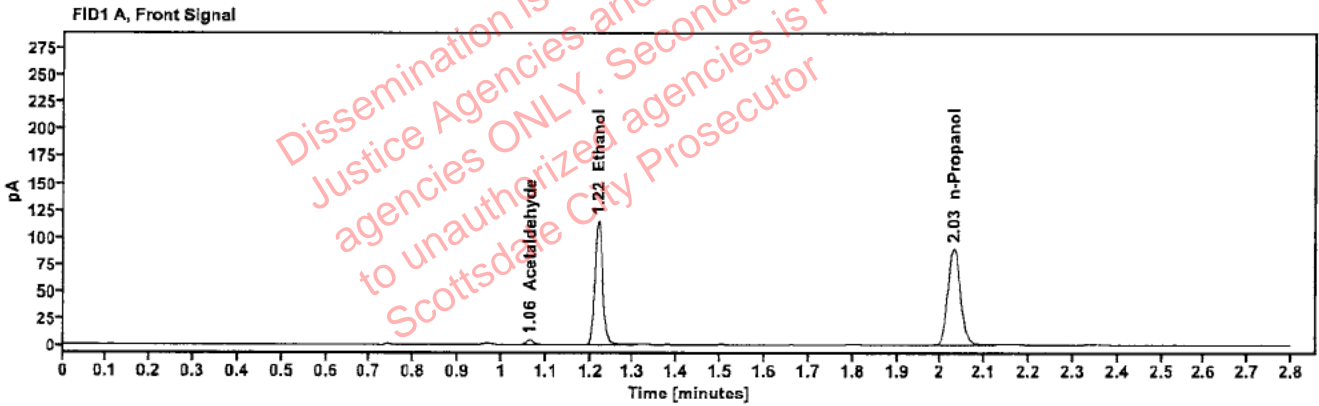


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.063	4.515
>Ethanol	0.2328	1.218	145.487
n-Propanol	-----	2.030	178.174

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	5.069
Ethanol	1.367	159.352
n-Propanol	2.455	192.899



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424402-2	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:26:42 PM
Data file:	C:\Chem32\1\Data\10Dec24\29.D	Analyst:	Brooke

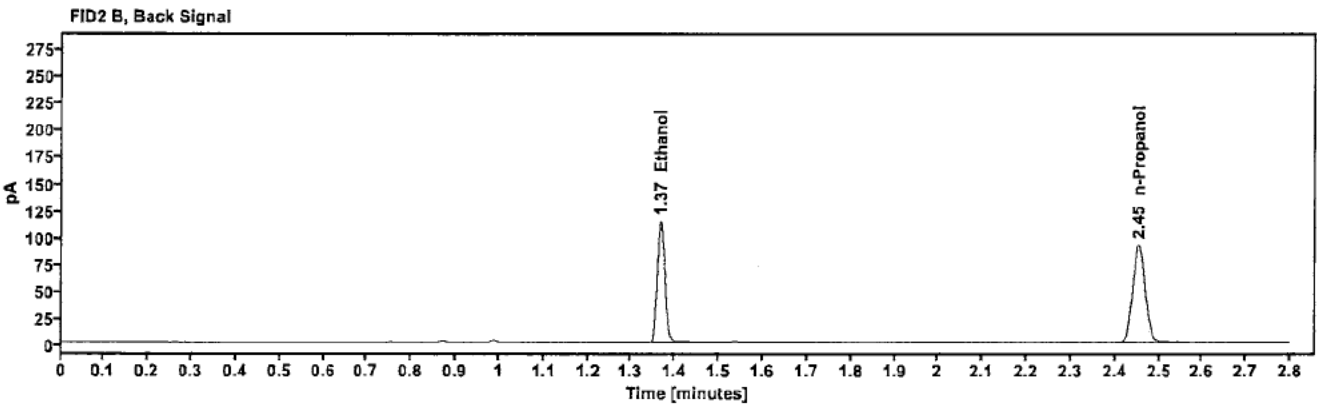
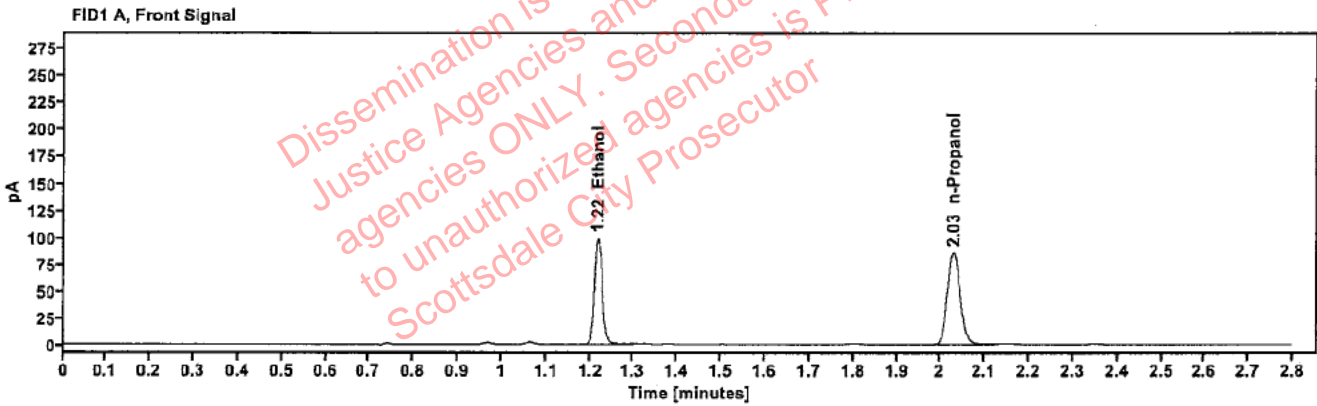


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2095	1.218	125.284
n-Propanol	—	2.030	170.511

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

Compound	Time (min)	Peak Area
Ethanol	1.367	137.142
n-Propanol	2.454	184.480

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424402-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:30:42 PM
Data file:	C:\Chem32\1\Data\10Dec24\30.D	Analyst:	Brooke

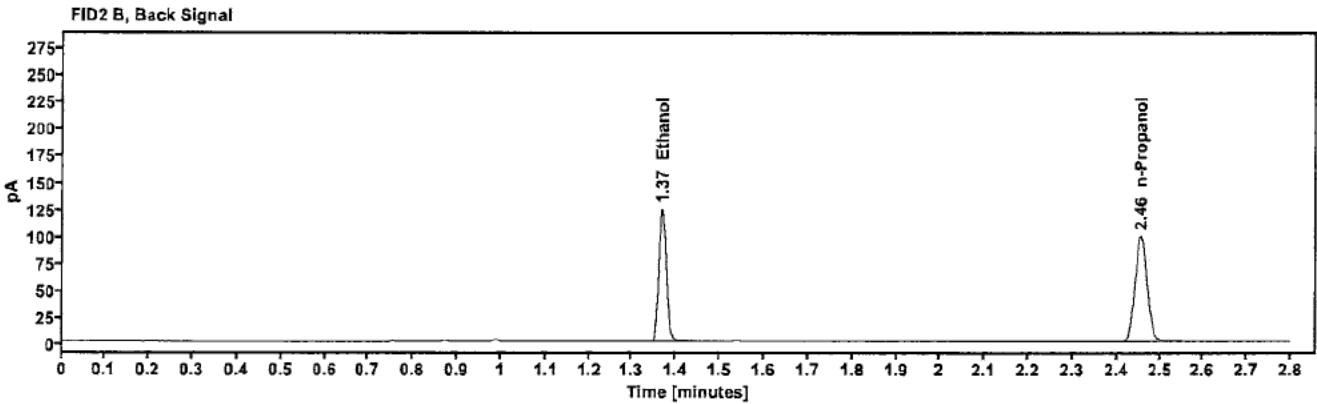
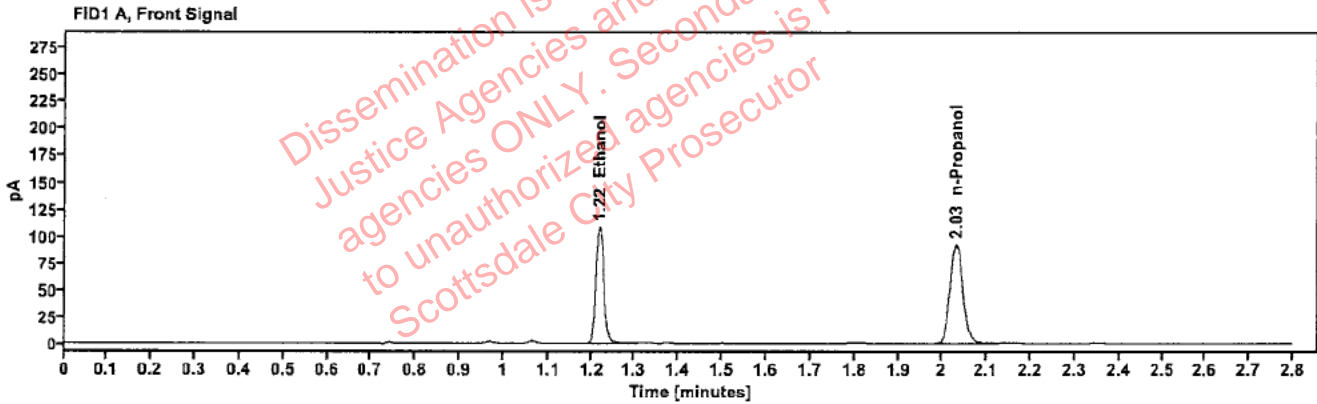


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2127	1.218	137.082
n-Propanol	---	2.031	183.755

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

Compound	Time (min)	Peak Area
Ethanol	1.368	150.226
n-Propanol	2.455	198.603

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424519-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:38:58 PM
Data file:	C:\Chem32\11\Data\10Dec24\32.D	Analyst:	Brooke

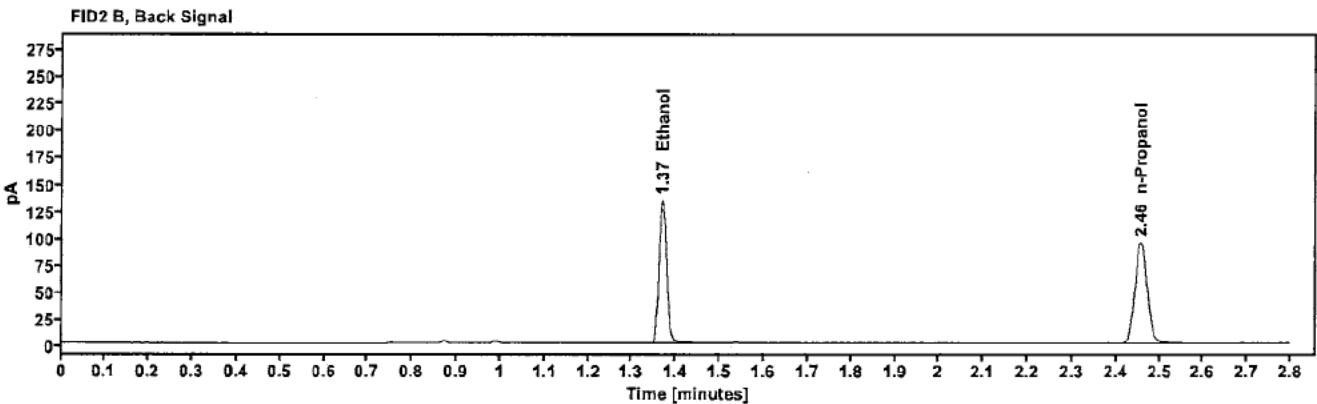
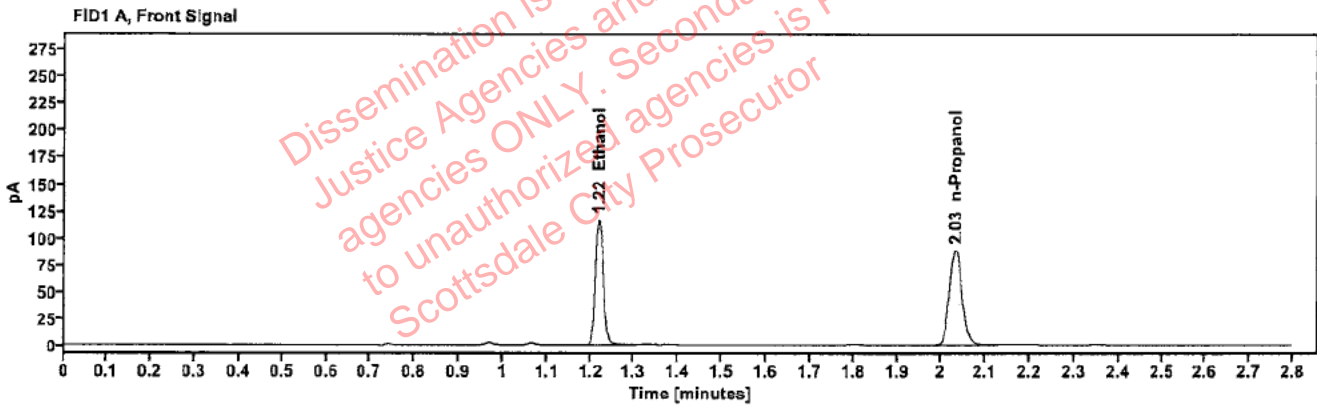


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2390	1.219	147.644
n-Propanol	-----	2.032	176.134

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

Compound	Time (min)	Peak Area
Ethanol	1.368	162.038
n-Propanol	2.457	190.308

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424519-2	Vial:	33
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:42:57 PM
Data file:	C:\Chem32\1\Data\10Dec24\33.D	Analyst:	Brooke

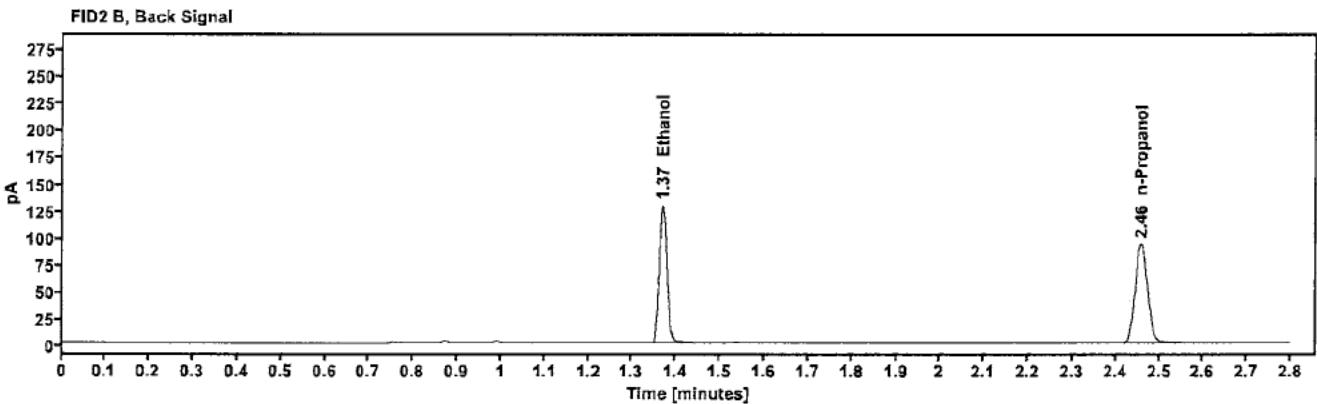
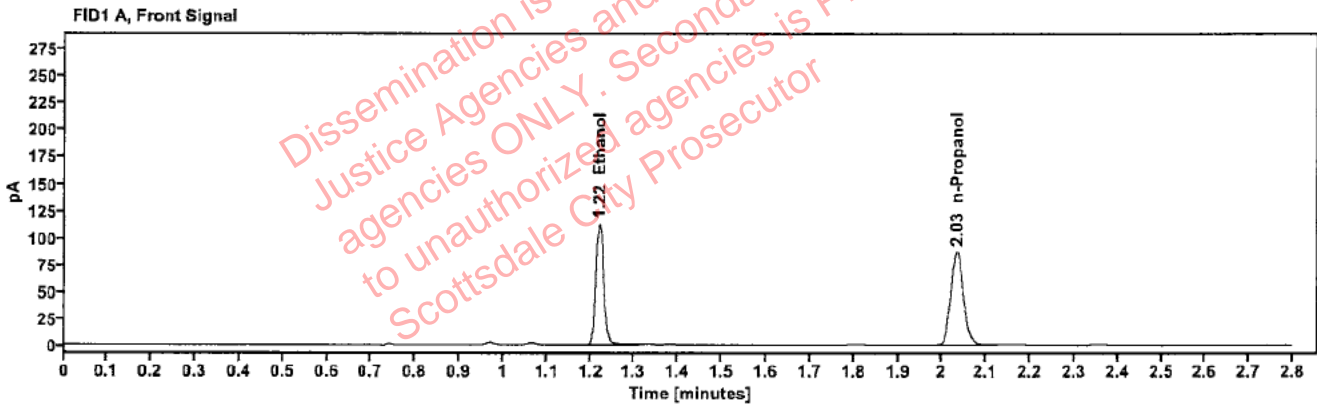


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2351	1.220	142.169
n-Propanol	---	2.033	172.410

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

Compound	Time (min)	Peak Area
Ethanol	1.369	157.258
n-Propanol	2.458	186.312

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424531-3	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:46:57 PM
Data file:	C:\Chem32\11\Data\10Dec24\34.D	Analyst:	Brooke

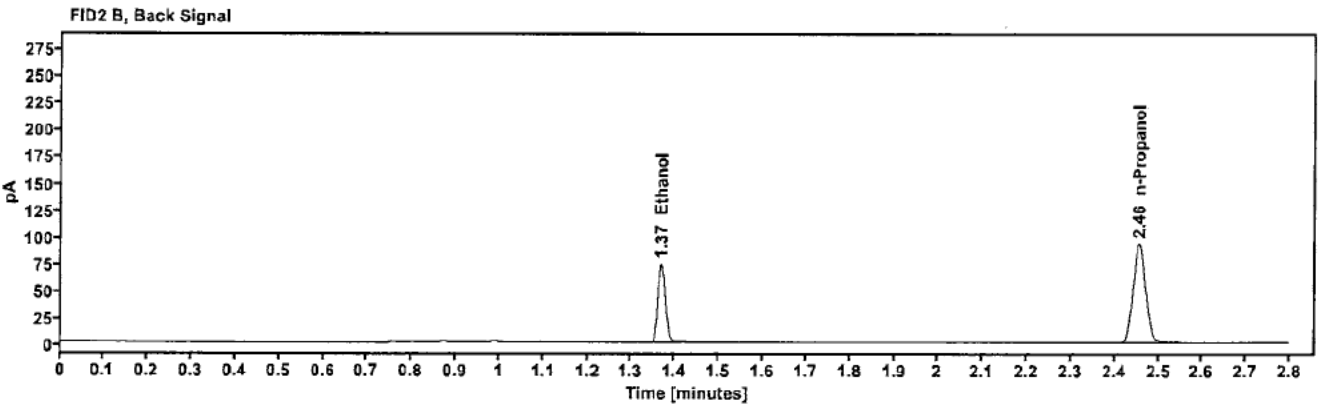
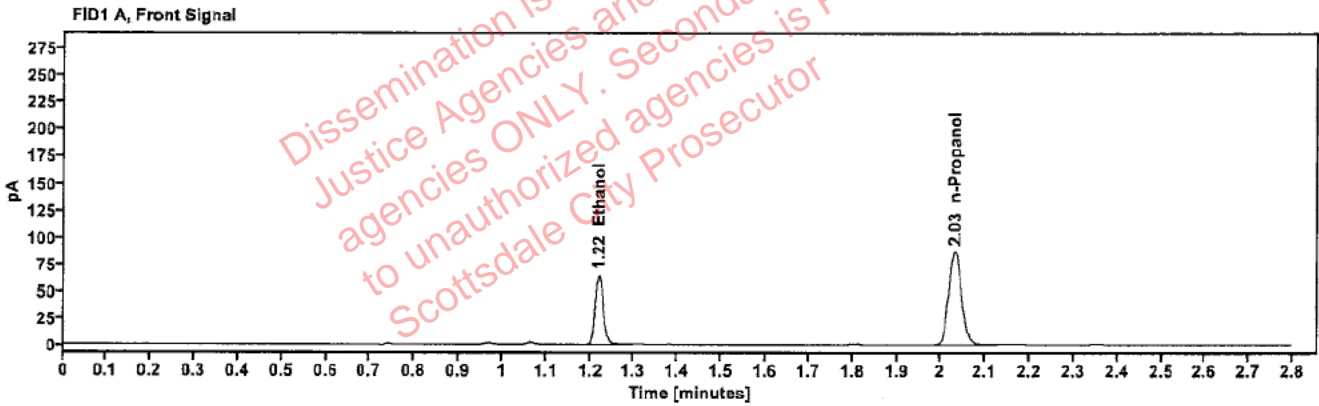


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1357	1.219	81.893
n-Propanol	-----	2.031	172.392

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

Compound	Time (min)	Peak Area
Ethanol	1.368	89.503
n-Propanol	2.456	186.399

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424531-3	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:50:57 PM
Data file:	C:\Chem32\1\Data\10Dec24\35.D	Analyst:	Brooke

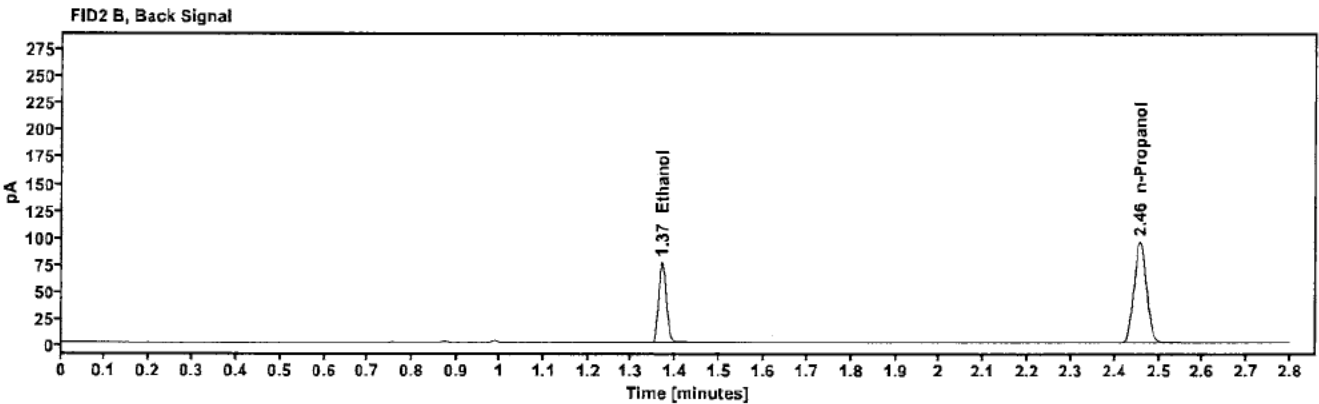
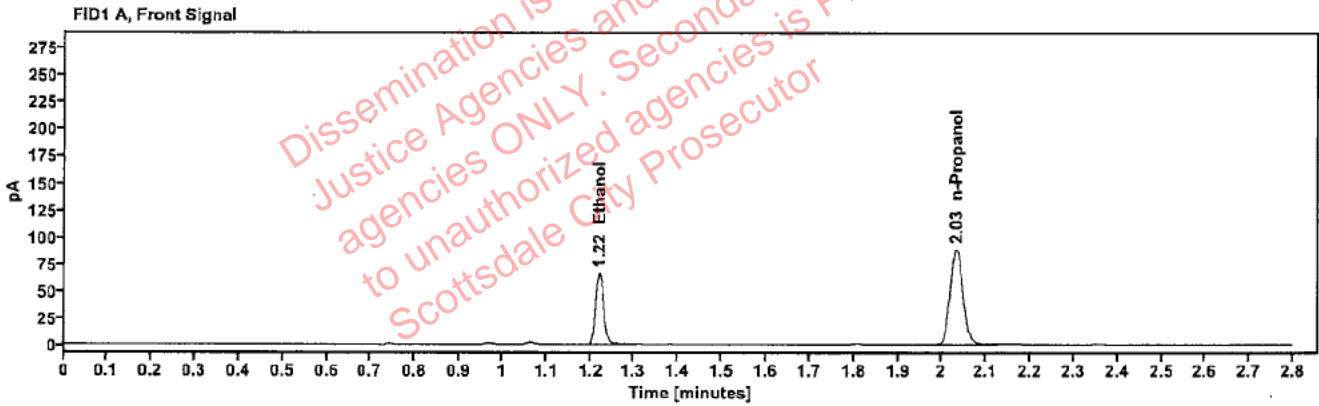


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1361	1.220	84.000
n-Propanol	---	2.032	176.344

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

Compound	Time (min)	Peak Area
Ethanol	1.369	91.523
n-Propanol	2.457	190.795

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424534-1	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:54:58 PM
Data file:	C:\Chem32\1\Data\10Dec24\36.D	Analyst:	Brooke

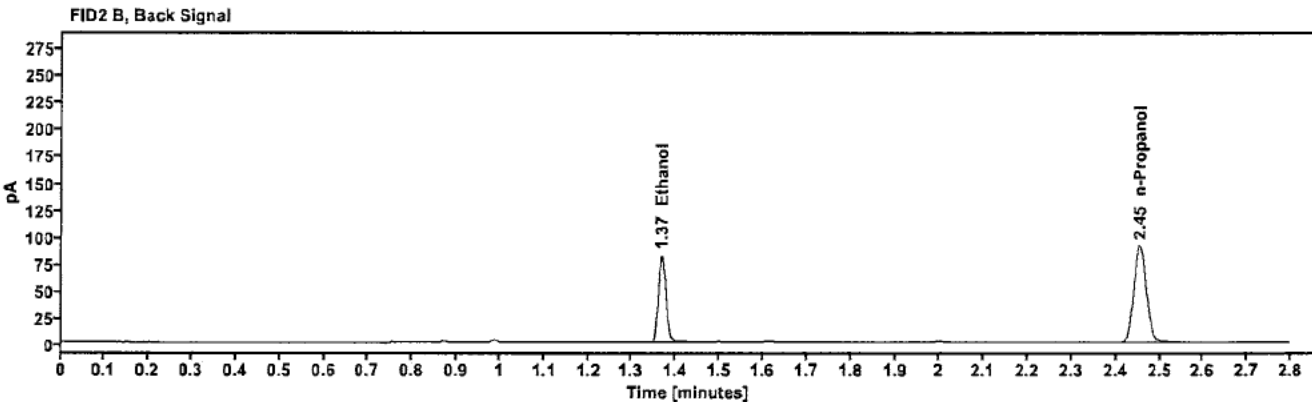
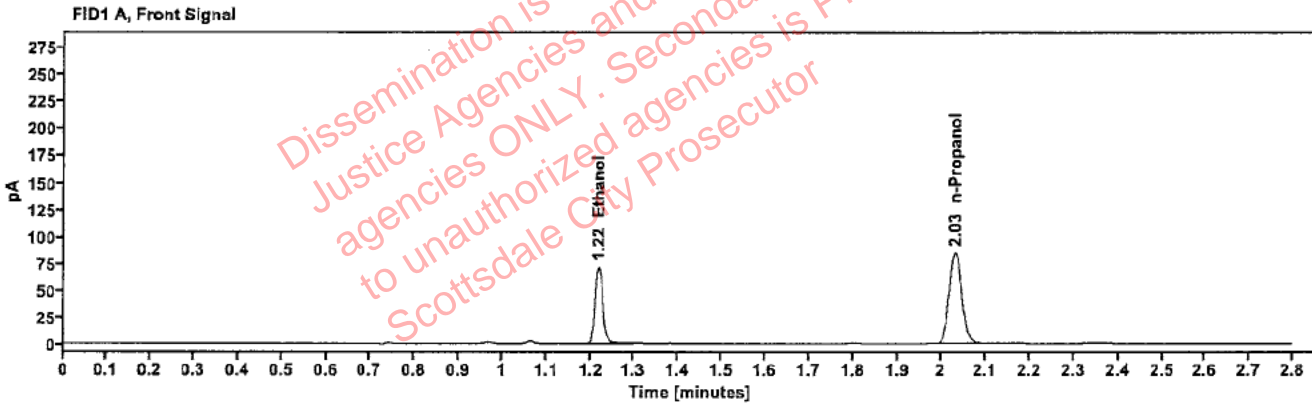


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1532	1.218	90.486
n-Propanol	—	2.030	168.606

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

Compound	Time (min)	Peak Area
Ethanol	1.367	99.106
n-Propanol	2.454	182.592

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424534-1	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 8:59:12 PM
Data file:	C:\Chem32\1\Data\10Dec24\37.D	Analyst:	Brooke

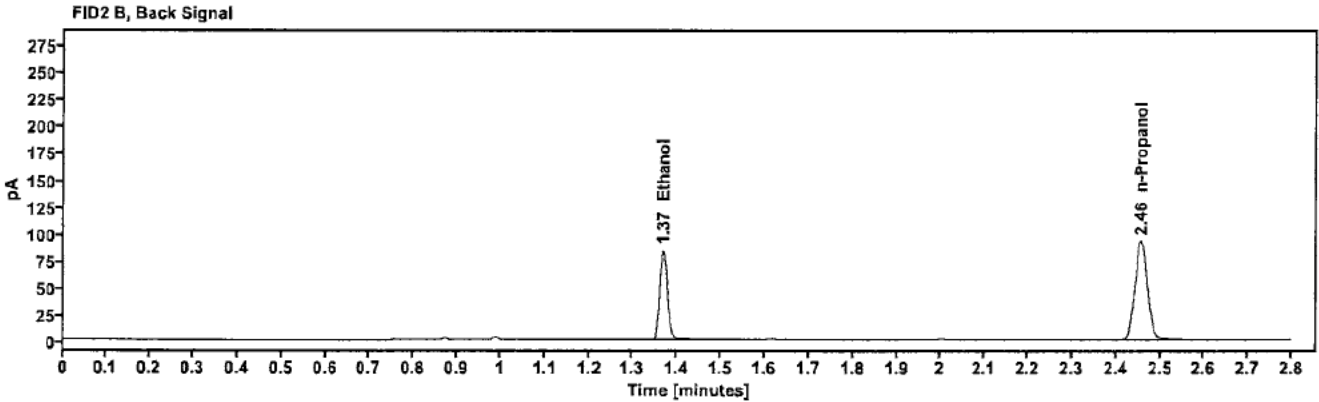
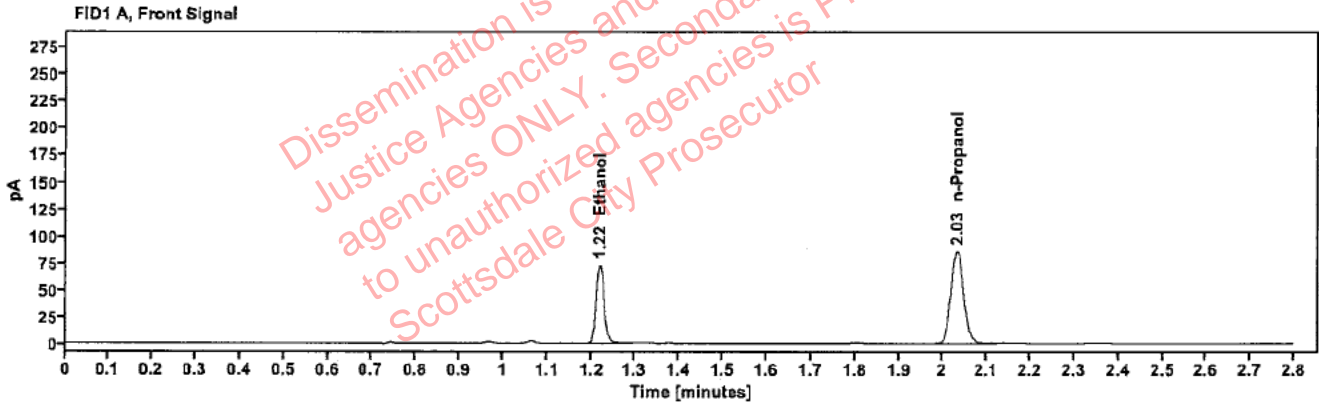


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1540	1.219	92.373
n-Propanol	----	2.031	171.197

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

Compound	Time (min)	Peak Area
Ethanol	1.368	101.257
n-Propanol	2.456	185.593



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424604-2	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:03:12 PM
Data file:	C:\Chem32\1\Data\10Dec24\38.D	Analyst:	Brooke

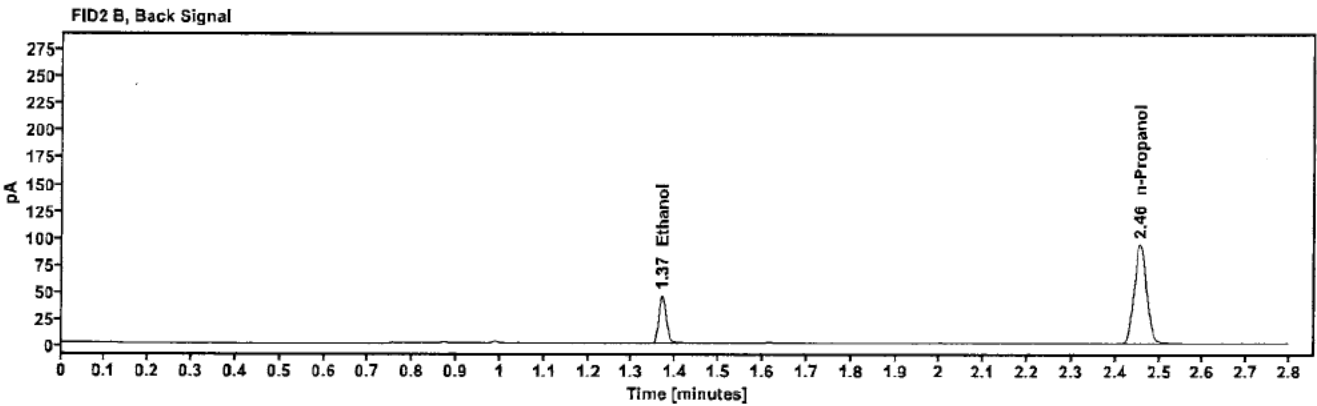
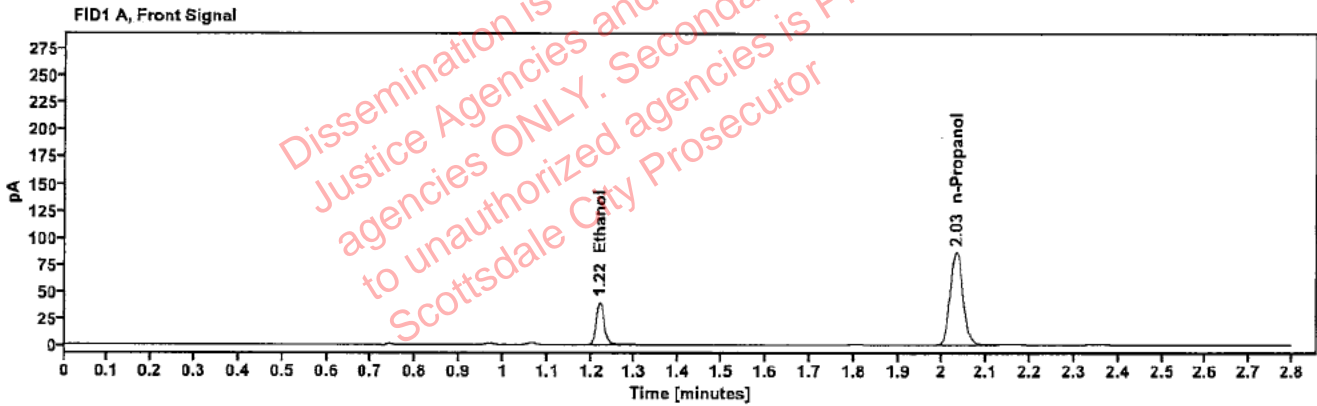


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0836	1.220	50.309
n-Propanol	—	2.031	172.476

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

Compound	Time (min)	Peak Area
Ethanol	1.368	54.855
n-Propanol	2.456	187.374

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424604-2	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:07:12 PM
Data file:	C:\Chem32\1\Data\10Dec24\39.D	Analyst:	Brooke

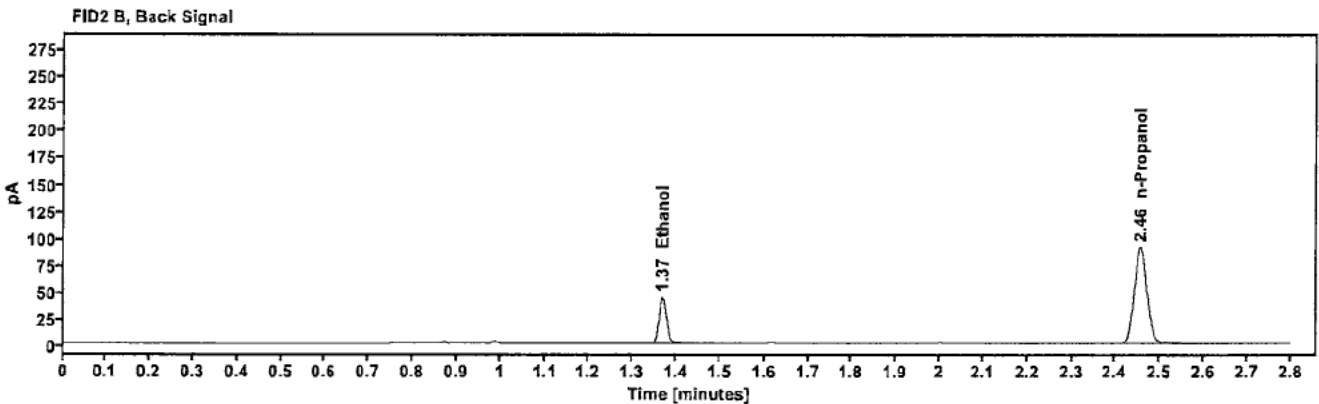
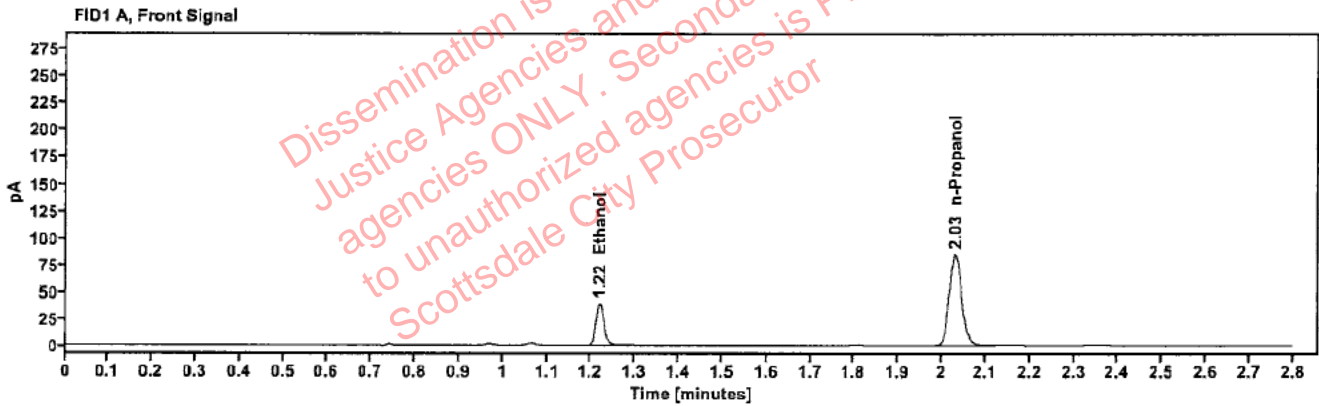


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0831	1.219	48.746
n-Propanol	---	2.031	168.104

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

Compound	Time (min)	Peak Area
Ethanol	1.367	53.180
n-Propanol	2.455	182.512

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424670-2	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:11:12 PM
Data file:	C:\Chem32\1\Data\10Dec24\40.D	Analyst:	Brooke

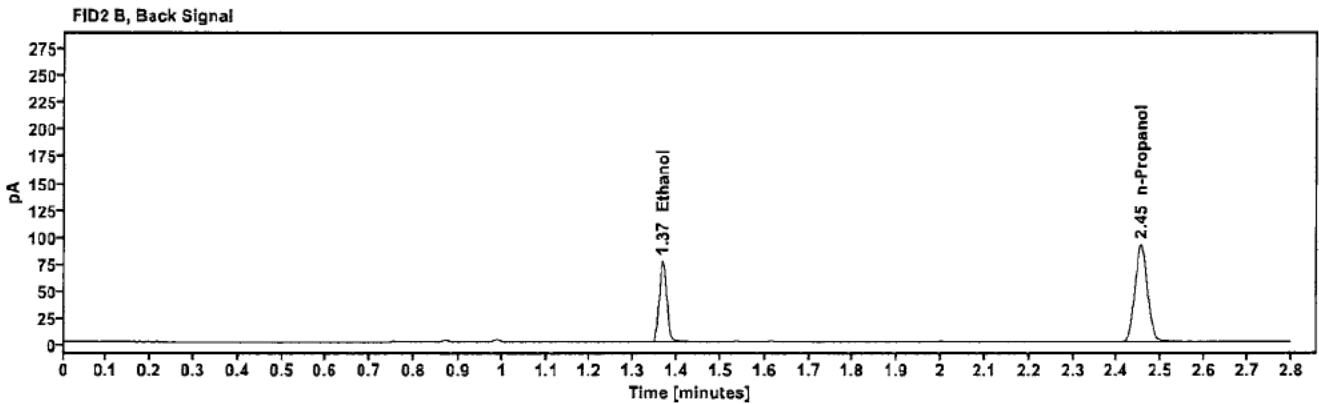
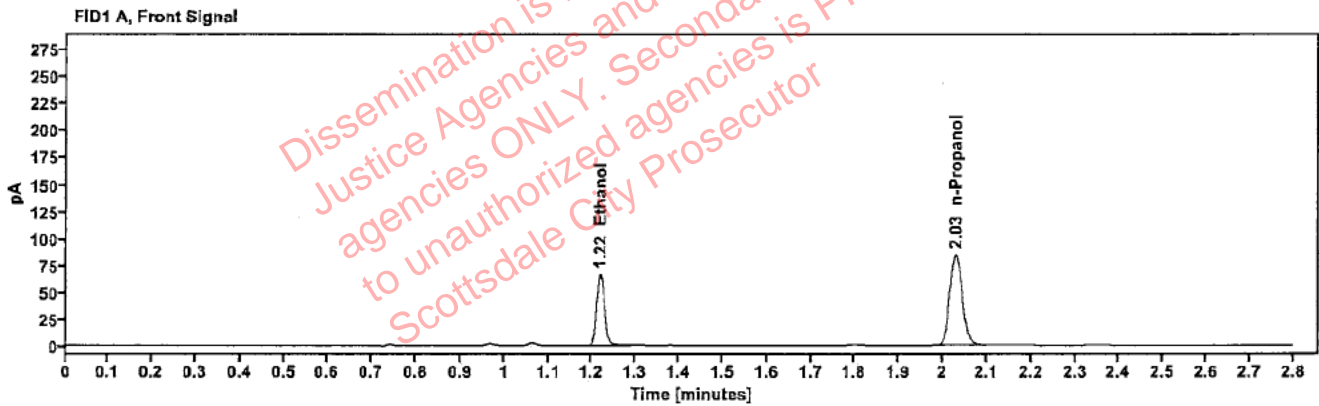


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1420	1.218	83.710
n-Propanol	-----	2.030	168.368

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

Compound	Time (min)	Peak Area
Ethanol	1.366	91.559
n-Propanol	2.454	181.869

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424670-2	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:15:13 PM
Data file:	C:\Chem32\1\Data\10Dec24\41.D	Analyst:	Brooke

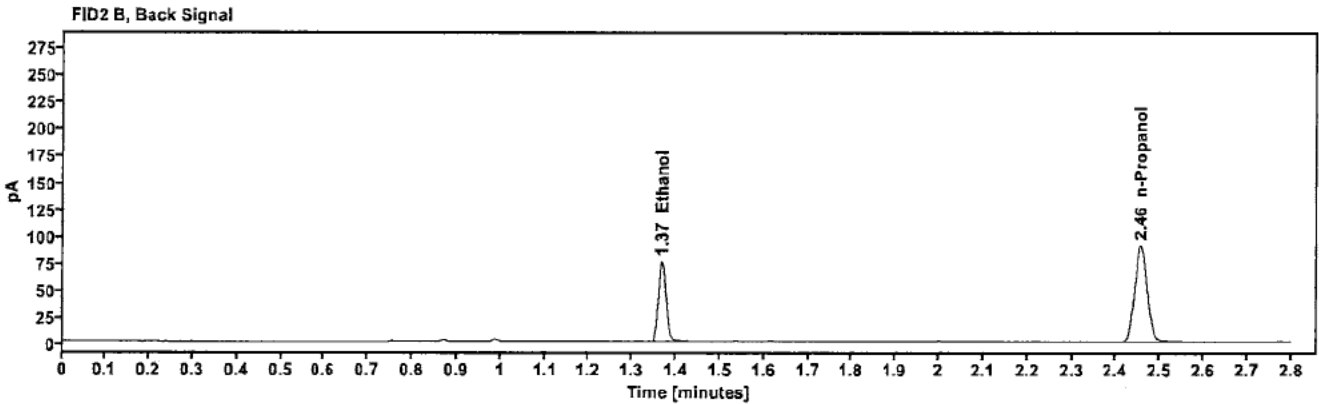
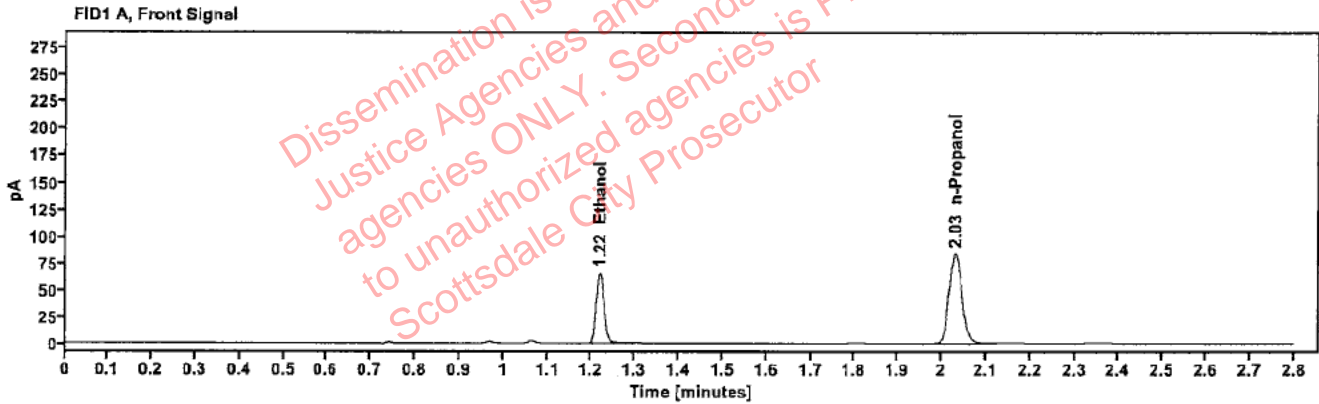


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1419	1.219	83.189
n-Propanol	---	2.031	167.454

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

Compound	Time (min)	Peak Area
Ethanol	1.367	90.949
n-Propanol	2.455	180.917

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424671-3	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:23:27 PM
Data file:	C:\Chem32\1\Data\10Dec24\43.D	Analyst:	Brooke

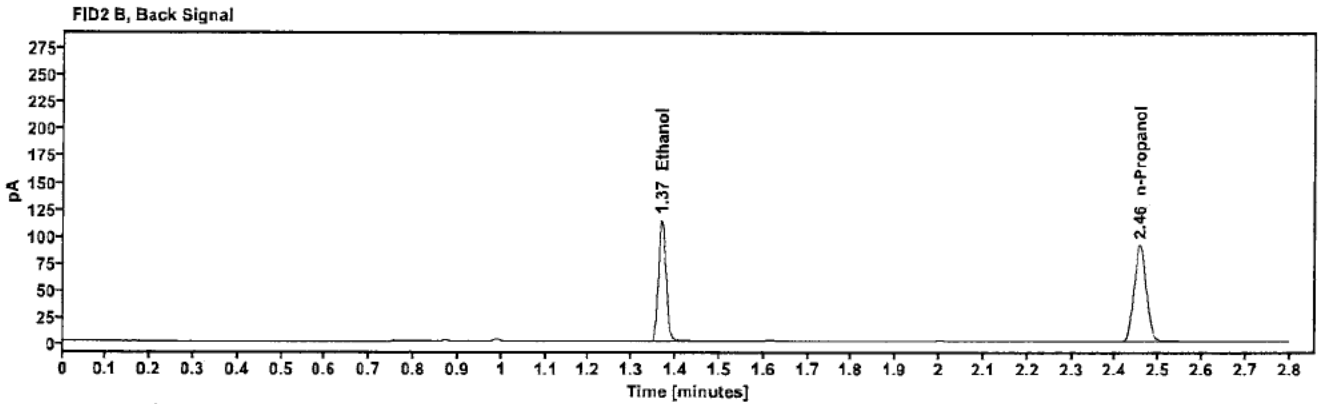
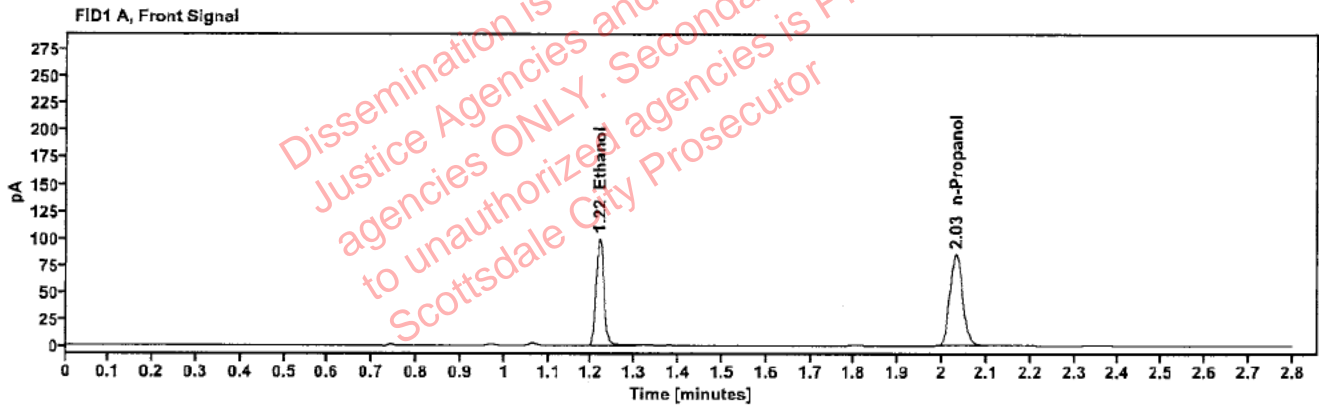


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2119	1.218	125.611
n-Propanol	---	2.031	169.022

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

Compound	Time (min)	Peak Area
Ethanol	1.367	137.778
n-Propanol	2.456	183.416

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424671-3	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:27:27 PM
Data file:	C:\Chem32\1\Data\10Dec24\44.D	Analyst:	Brooke

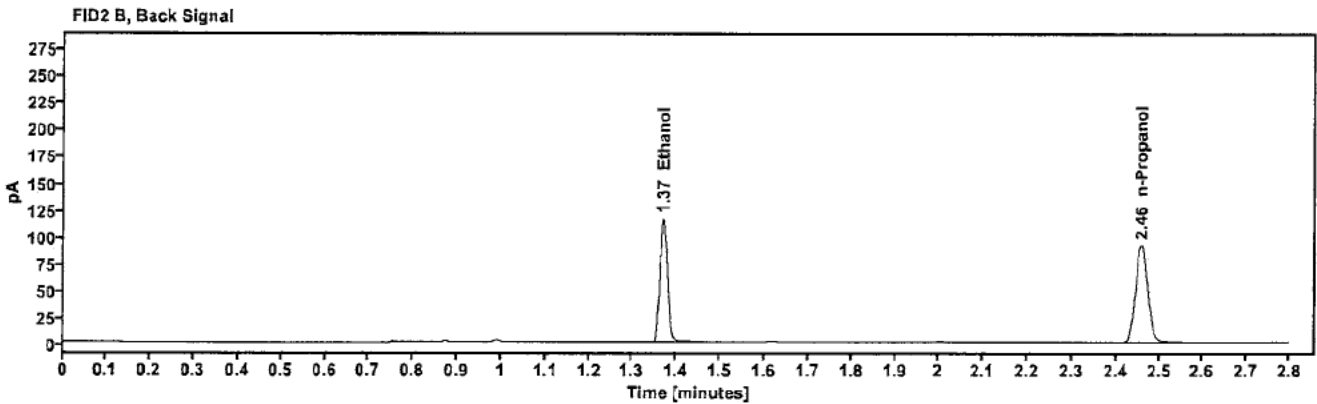
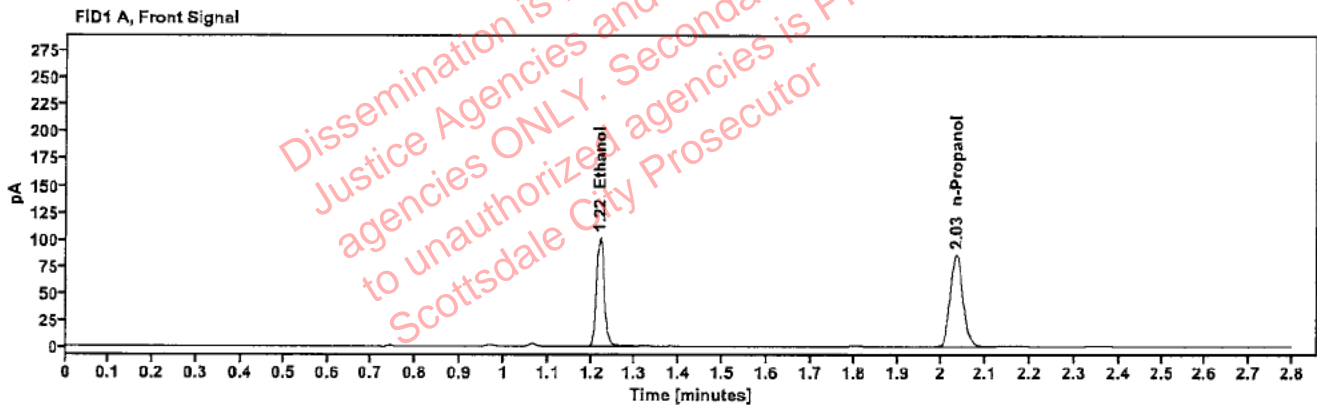


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2140	1.220	127.917
n-Propanol	-----	2.033	170.418

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

Compound	Time (min)	Peak Area
Ethanol	1.369	141.537
n-Propanol	2.458	184.747

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424695-1	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:31:27 PM
Data file:	C:\Chem32\1\Data\10Dec24\45.D	Analyst:	Brooke

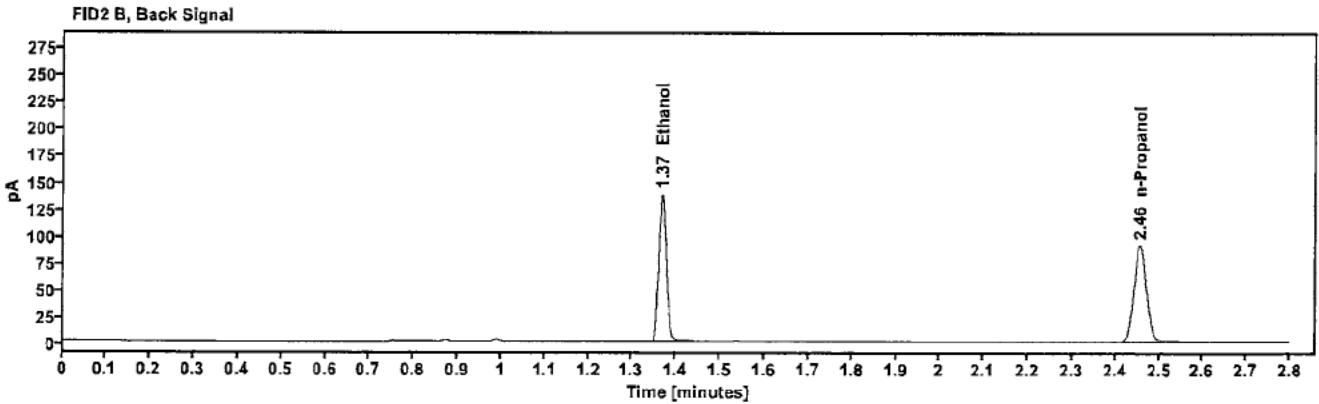
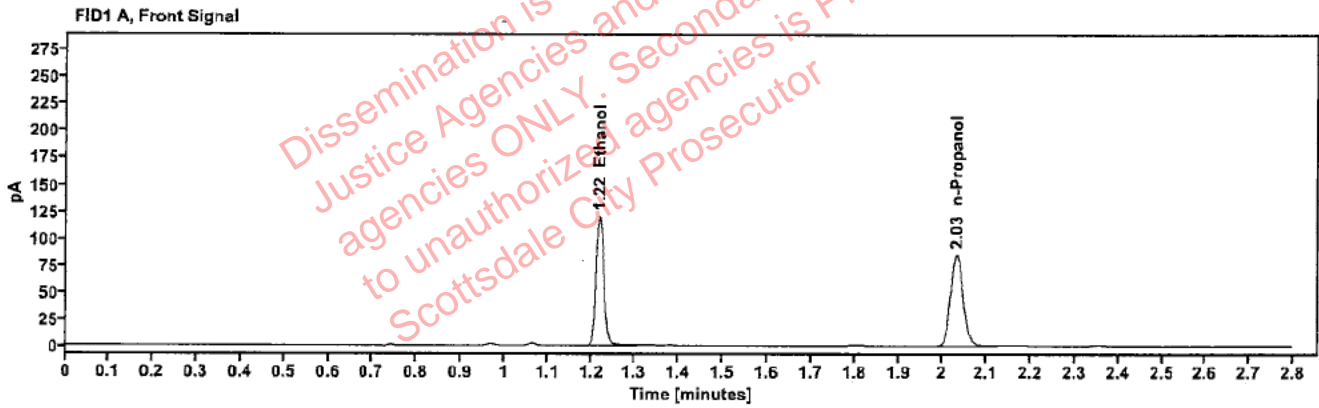


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2563	1.219	151.973
n-Propanol	---	2.032	169.034

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

Compound	Time (min)	Peak Area
Ethanol	1.368	168.092
n-Propanol	2.456	182.822

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2424695-1	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:35:28 PM
Data file:	C:\Chem32\1\Data\10Dec24\46.D	Analyst:	Brooke

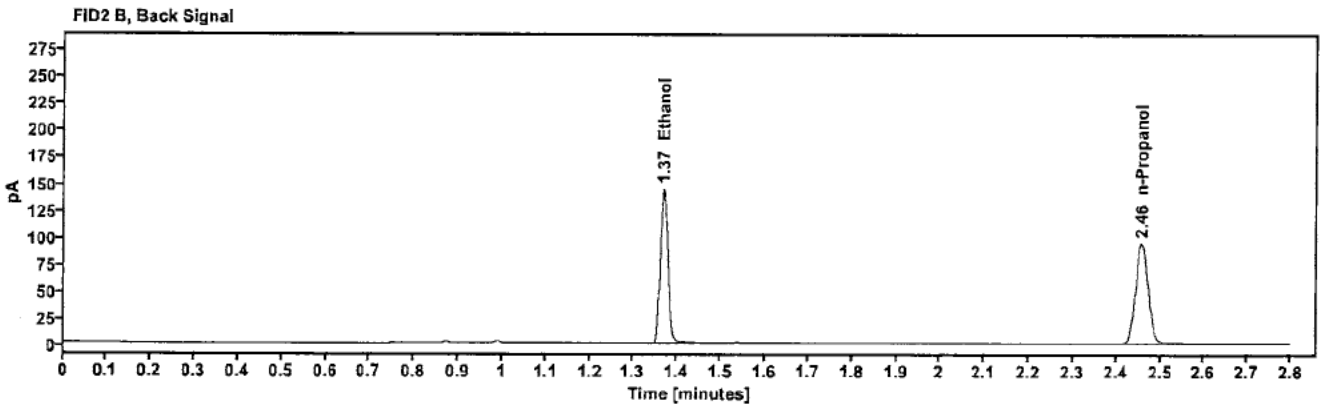
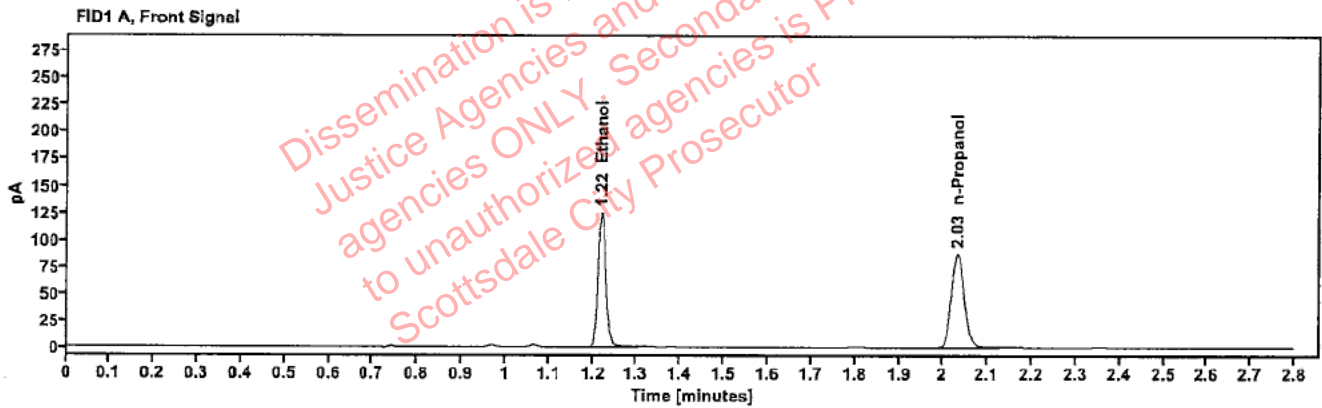


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2590	1.219	158.489
n-Propanol	-----	2.032	174.393

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

Compound	Time (min)	Peak Area
Ethanol	1.369	173.979
n-Propanol	2.457	189.024



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423655-1	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:39:28 PM
Data file:	C:\Chem32\1\Data\10Dec24\47.D	Analyst:	Brooke

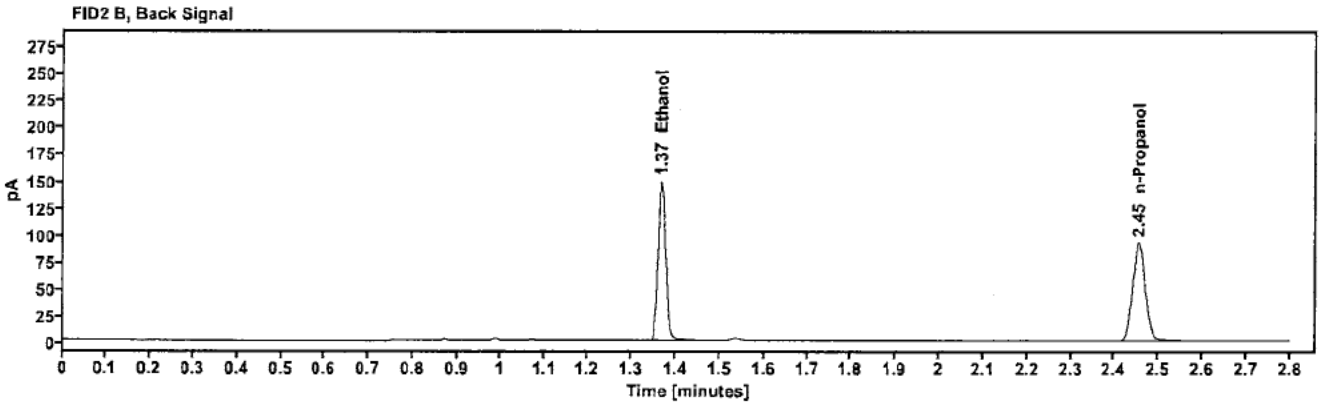
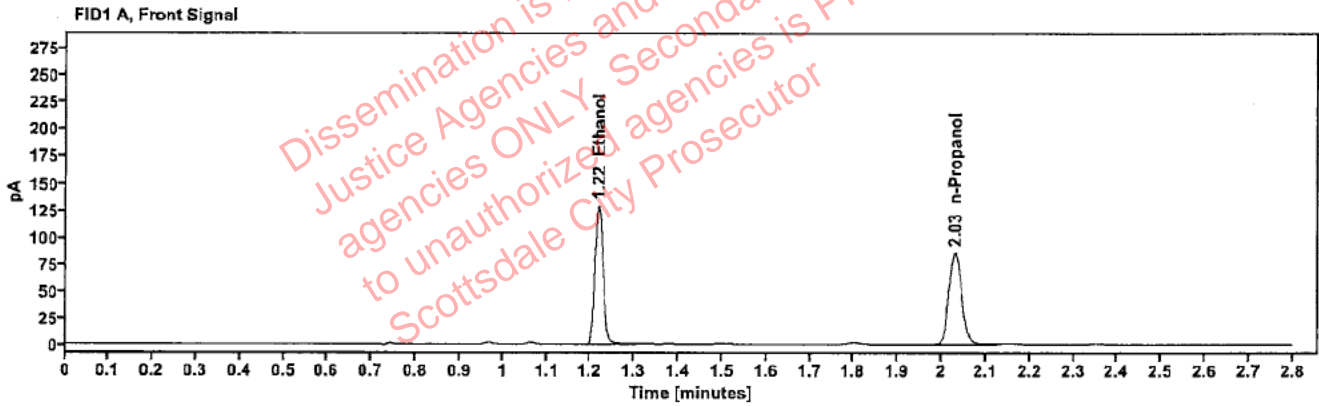


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2721	1.218	163.290
n-Propanol	-----	2.030	171.020

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

Compound	Time (min)	Peak Area
Ethanol	1.366	179.222
n-Propanol	2.454	184.661

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2423655-1	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:43:28 PM
Data file:	C:\Chem32\1\Data\10Dec24\48.D	Analyst:	Brooke

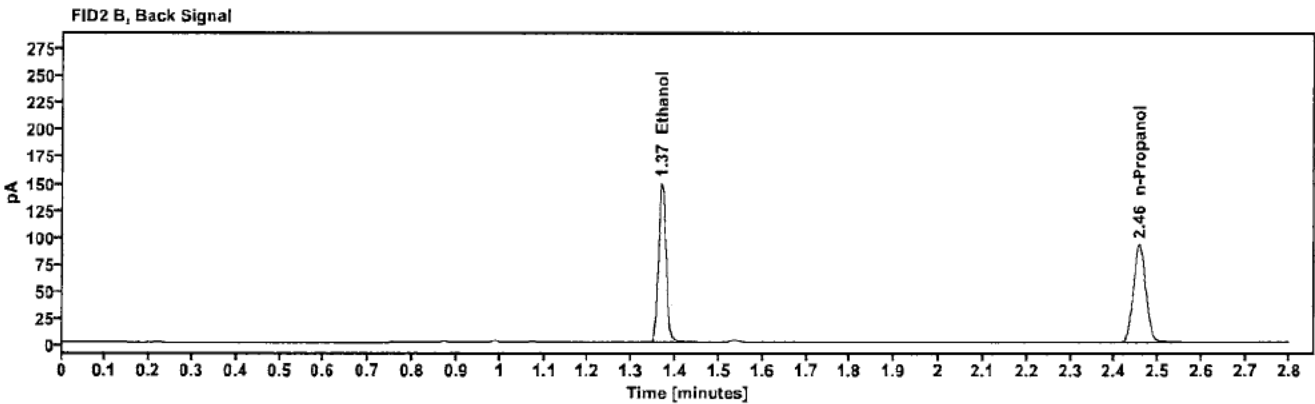
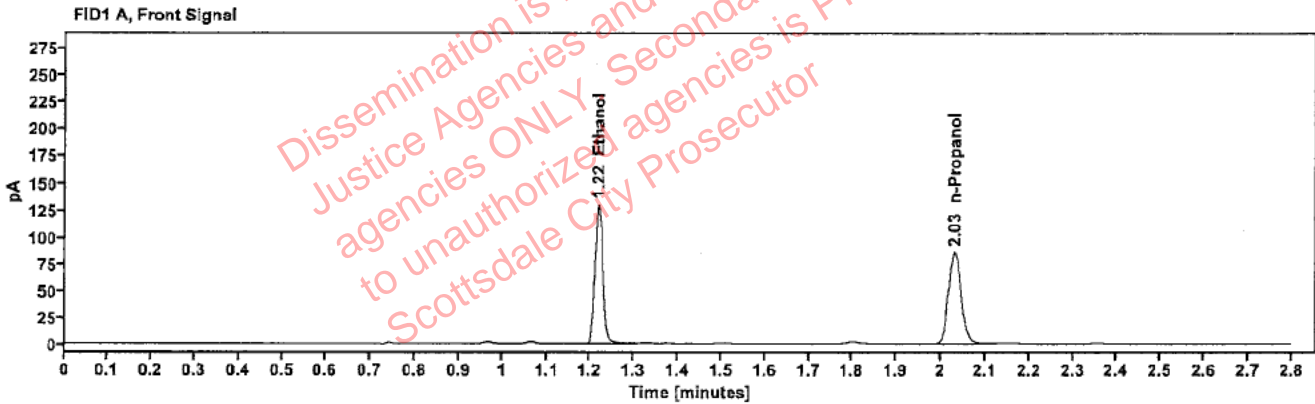


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2739	1.218	163.972
n-Propanol	—	2.031	170.593

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

Compound	Time (min)	Peak Area
Ethanol	1.367	179.962
n-Propanol	2.455	184.311

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413664-1	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:47:42 PM
Data file:	C:\Chem32\1\Data\10Dec24\49.D	Analyst:	Brooke

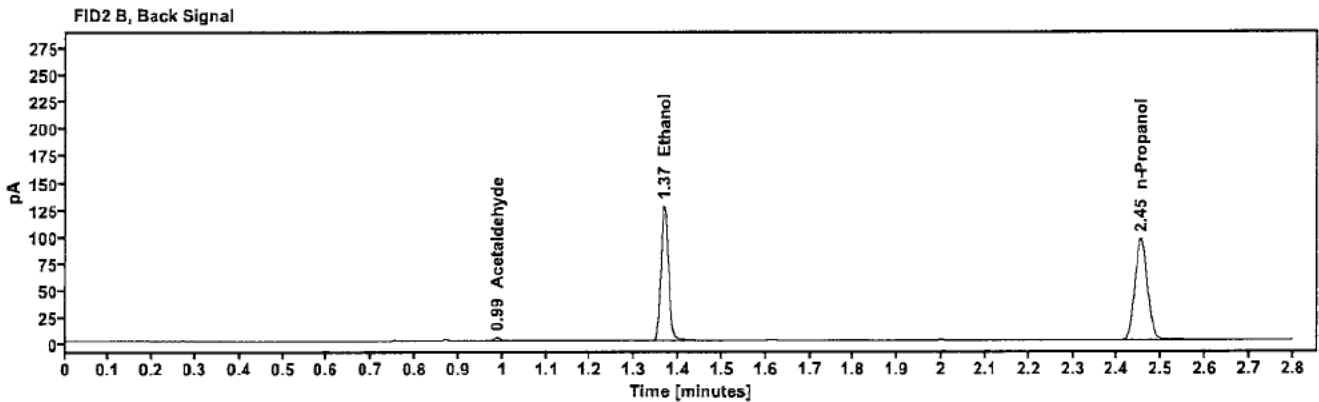
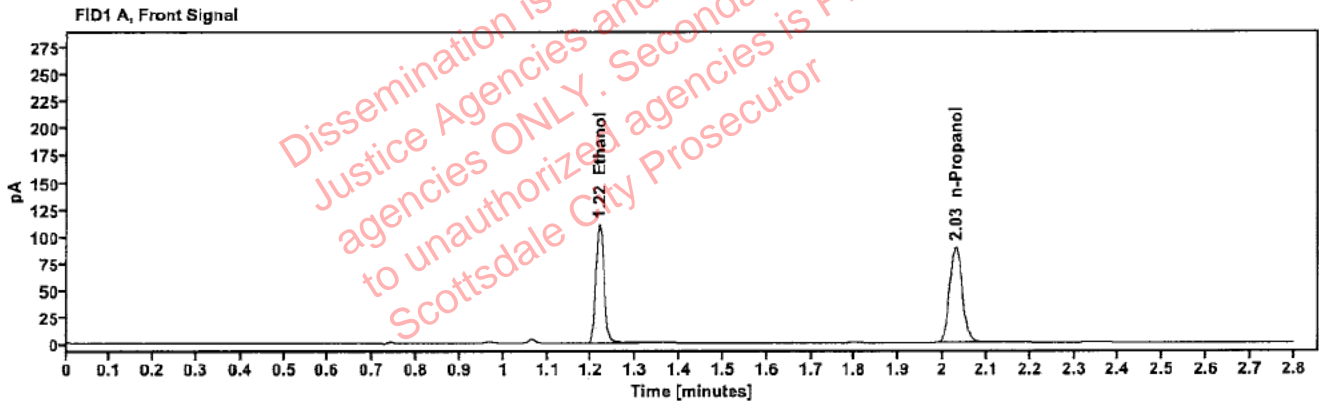


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2253	1.218	140.008
n-Propanol	—	2.029	177.155

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	3.828
Ethanol	1.367	154.801
n-Propanol	2.453	191.854

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413664-1	Vial:	50
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Dec24
Instrument:	US14173023 CN14160045	Injection date:	12/10/2024 9:51:42 PM
Data file:	C:\Chem32\1\Data\10Dec24\50.D	Analyst:	Brooke

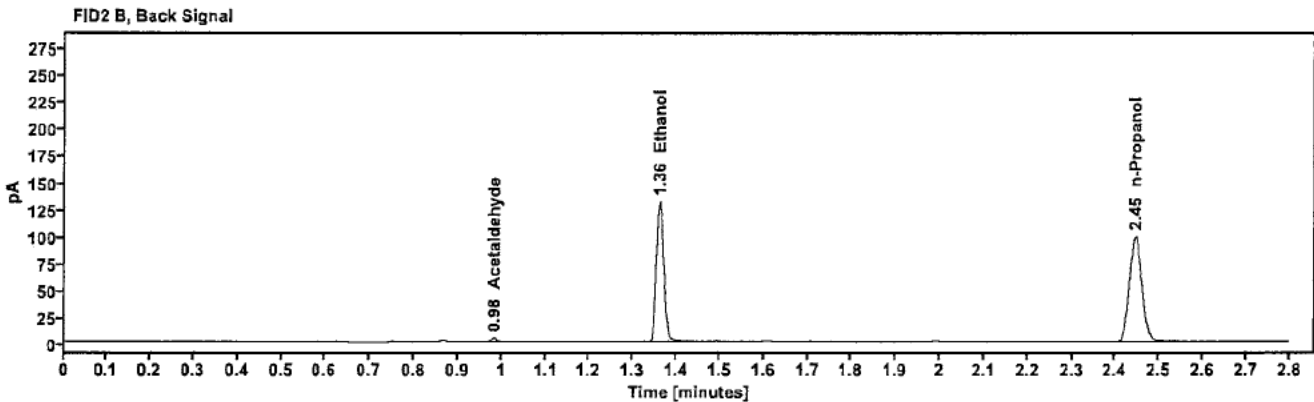
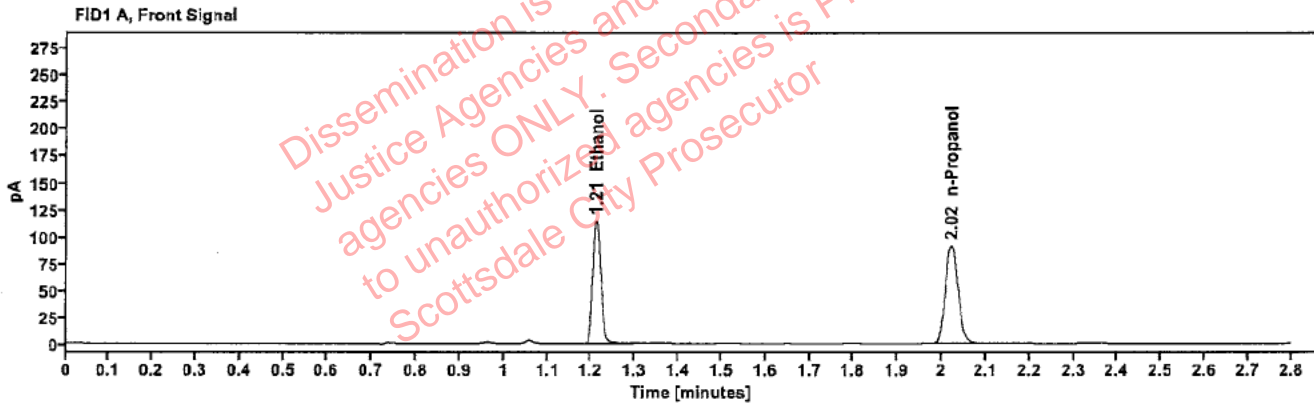


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2265	1.211	144.850
n-Propanol	-----	2.022	182.363

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.982	3.866
Ethanol	1.360	158.478
n-Propanol	2.445	197.415