

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/12/2025 SEQUENCE NAME 12Mar25

**EQUIPMENT**

Pipettor  Hamilton ML600GJ10749  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 0.99987  
 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	Blood control	0.302 g/dL	0.300 g/dL	ACQ 4101119254/10
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 518018
9	Aqueous control	0.100 g/dL	0.099 g/dL	Lipomed 517758
20	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.102 g/dL	Lipomed 517758
38	Blood control	0.302 g/dL	0.304 g/dL	ACQ 4101119254/10
39	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
40	Aqueous control	0.100 g/dL	0.099 g/dL	Lipomed 517758
41	Blank	Not detected	Not detected	SPD lab 120424AQ

**SUBJECT SAMPLES**

Subjects in the sequence 11 Subjects requiring reanalysis 0

**ADDITIONAL NOTES: All testing proceeded as expected. This run includes verification of a new control lot.**

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

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

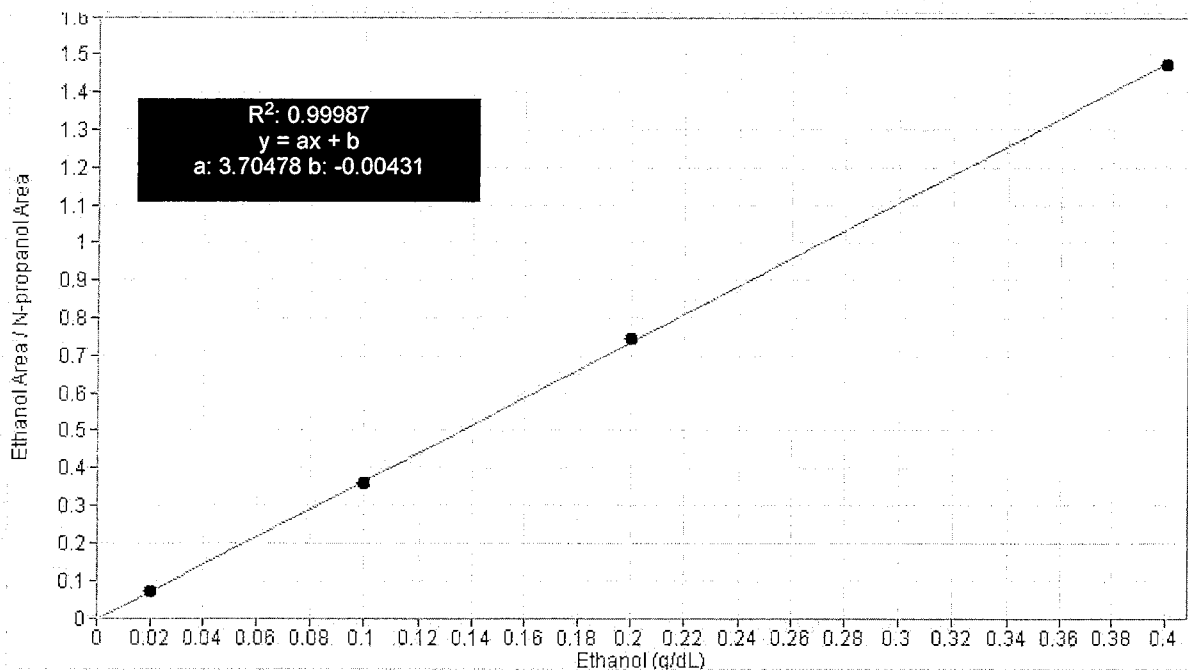
SEQUENCE NAME: 12Mar25

ANALYST: Abbott *JA*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 111224WB	5	negative	negative	-	-
0.302 4101119254/10	7	0.300	0.302	0.66	-0.002
0.040 518018	8	0.040	0.040	0.00	0.000
0.100 517758	9	0.099	0.100	1.00	-0.001
0.100 517758	20	0.100	0.100	0.00	0.000
0.100 517758	31	0.102	0.100	2.00	0.002
0.302 4101119254/10	38	0.304	0.302	0.66	0.002
0.040 518018	39	0.041	0.040	2.50	0.001
0.100 517758	40	0.099	0.100	1.00	-0.001
blank 120424AQ	41	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.506	164.034	0.070
0.100	57.858	160.999	0.359
0.200	123.569	165.611	0.746
0.400	235.208	159.514	1.475

## Calibration Line



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03122113	Vial: 1
Description: 0.020 calibrator	Sequence: 12Mar25
Method: ethanol quant.M	Injection date: 3/12/2025 2:41:48 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\12Mar25\1.D	

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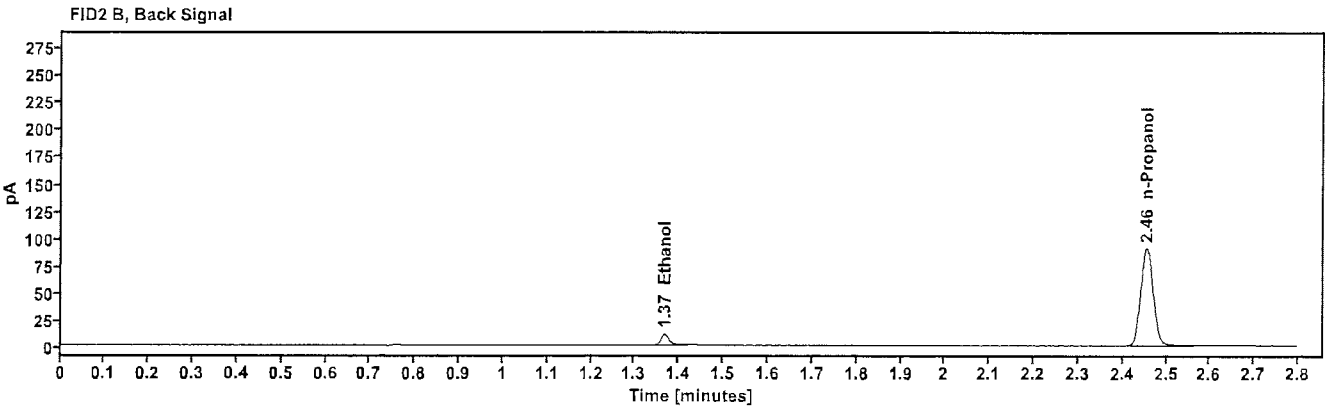
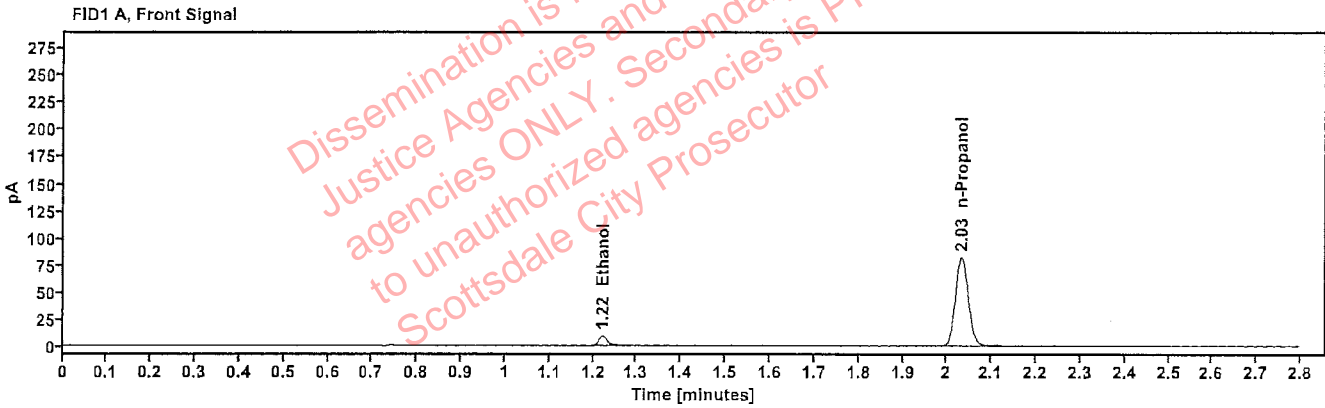


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	11.506
n-Propanol	2.032	164.034

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

Compound	Time (min)	Peak Area
Ethanol	1.368	12.654
n-Propanol	2.456	179.180

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN03072301	<b>Vial:</b>	2
<b>Description:</b>	0.100 calibrator	<b>Sequence:</b>	12Mar25
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	3/12/2025 2:45:47 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Abbott
<b>Data file:</b>	C:\Chem32\1\Data\12Mar25\2.D		

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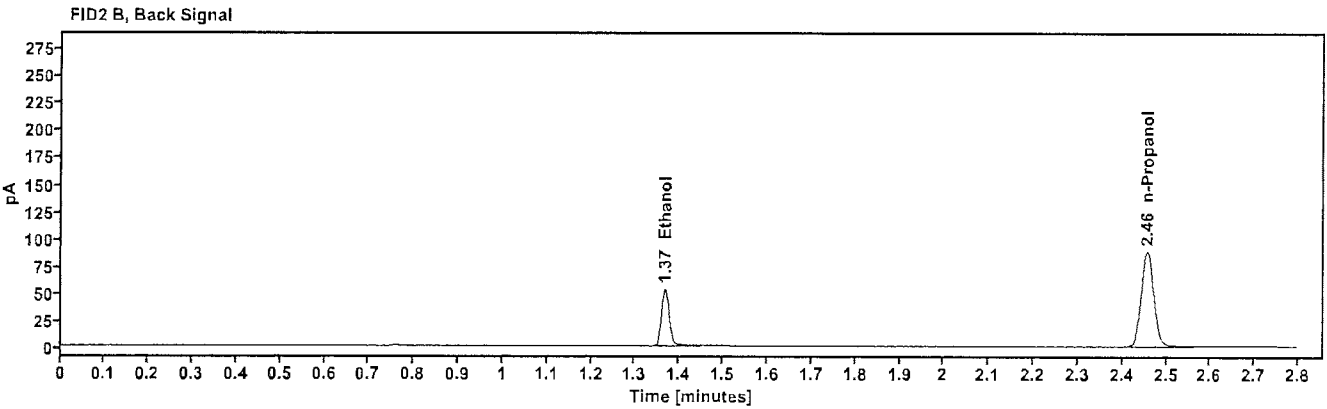
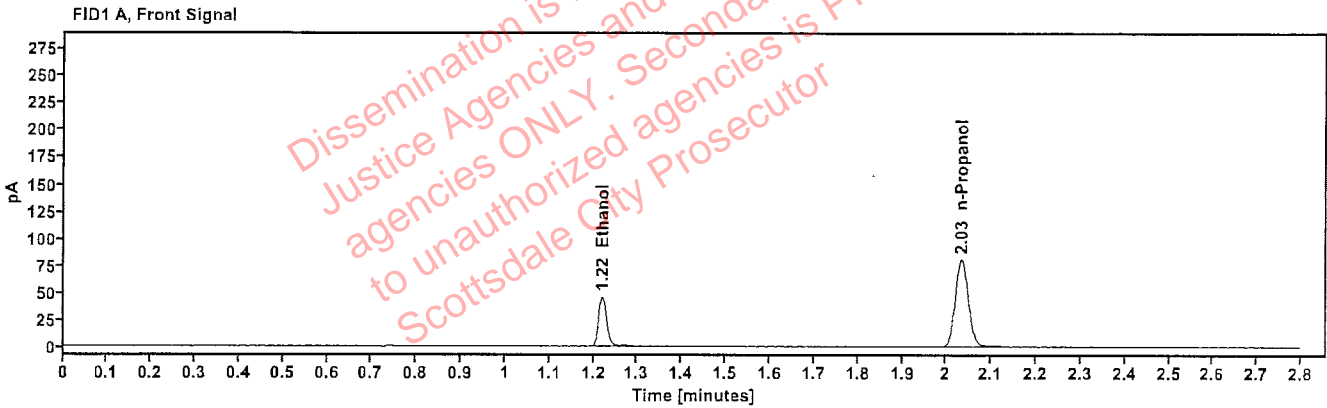


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.220	57.858
n-Propanol	2.033	160.999

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

Compound	Time (min)	Peak Area
Ethanol	1.367	63.734
n-Propanol	2.457	175.565

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03132302	Vial: 3
Description: 0.200 calibrator	Sequence: 12Mar25
Method: ethanol quant.M	Injection date: 3/12/2025 2:49:47 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\12Mar25\3.D	

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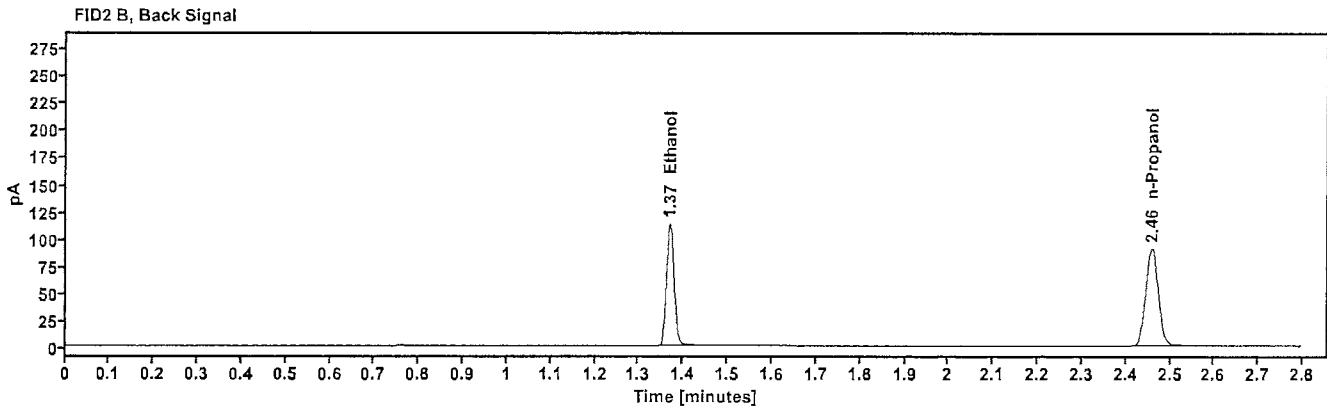
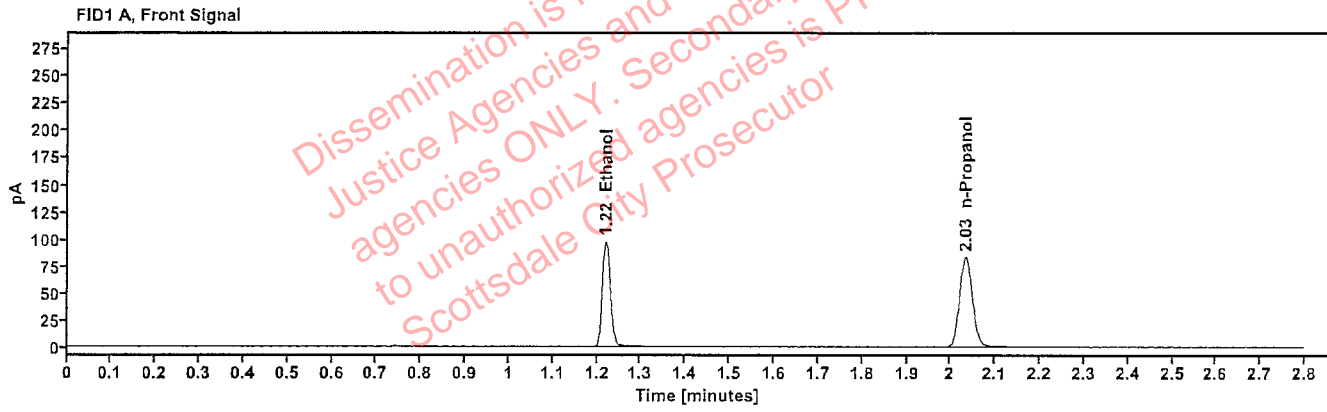


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.220	123.569
n-Propanol	2.034	165.611

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

Compound	Time (min)	Peak Area
Ethanol	1.370	135.790
n-Propanol	2.459	180.335

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03052102	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 12Mar25
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 3/12/2025 2:53:48 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott
<b>Data file:</b> C:\Chem32\1\Data\12Mar25\4.D	<i>Abbott</i>

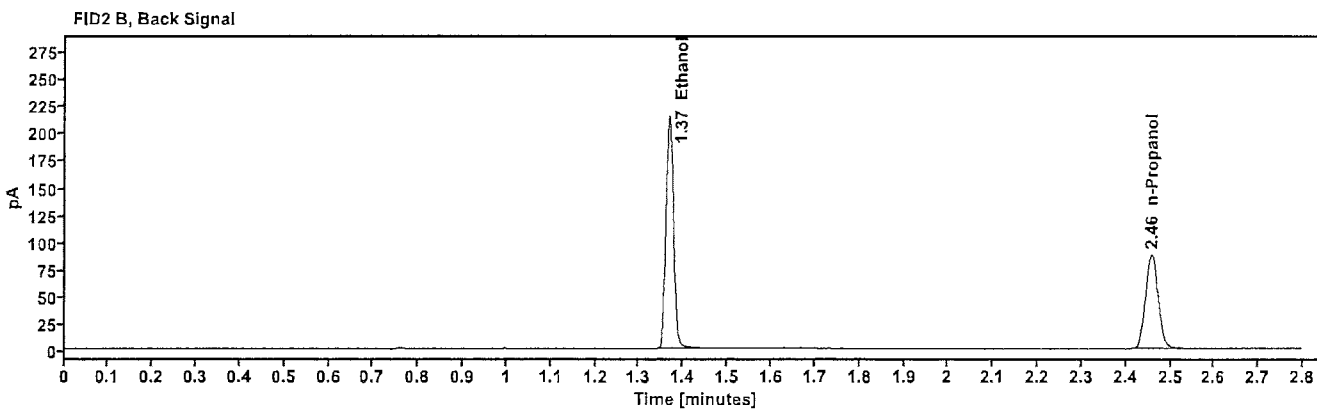
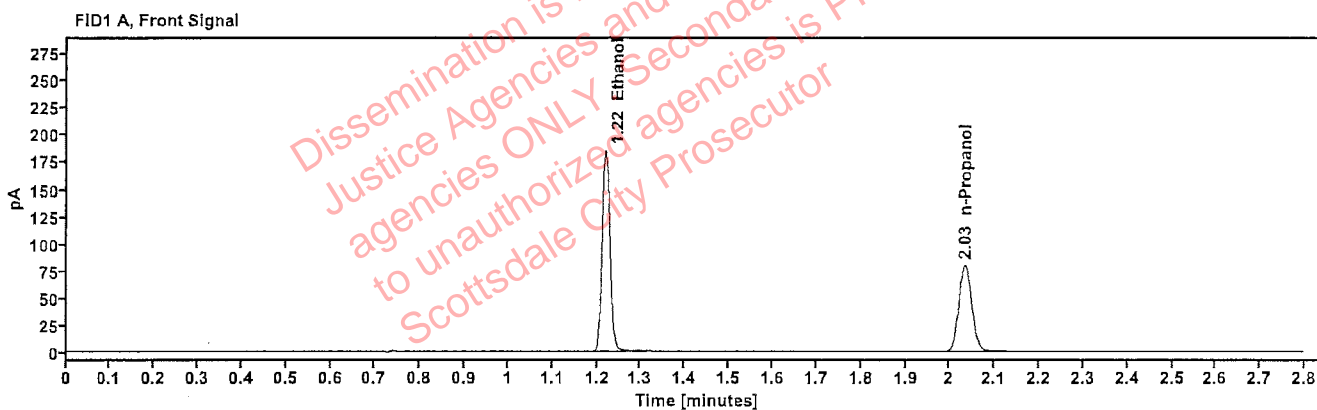


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.219	235.208
n-Propanol	2.033	159.514

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

Compound	Time (min)	Peak Area
Ethanol	1.368	259.225
n-Propanol	2.457	173.673

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 111224WB	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar25
Instrument: US14173023 CN14160045	Injection date: 3/12/2025 2:57:47 PM
Data file: C:\Chem32\1\Data\12Mar25\5.D	Analyst: Abbott <i>JA</i>

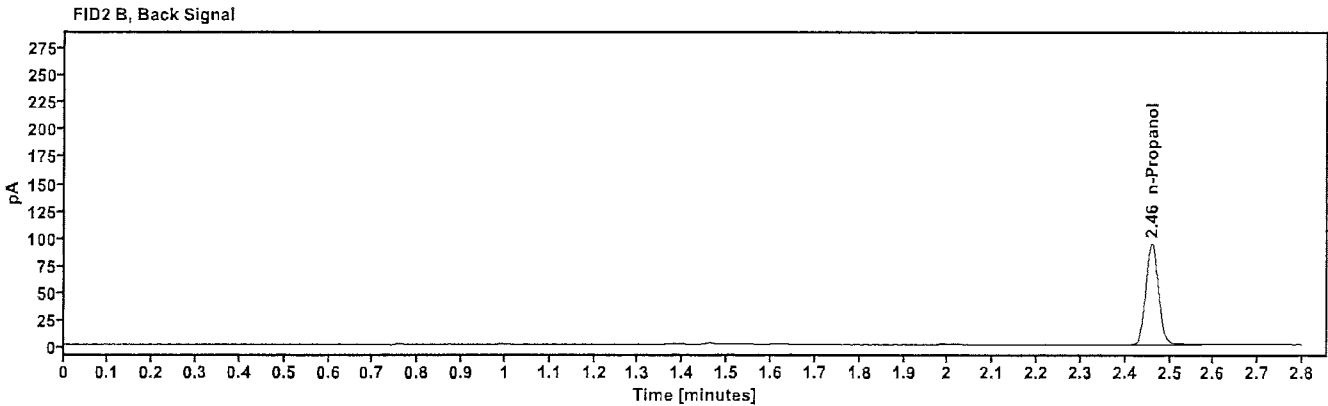
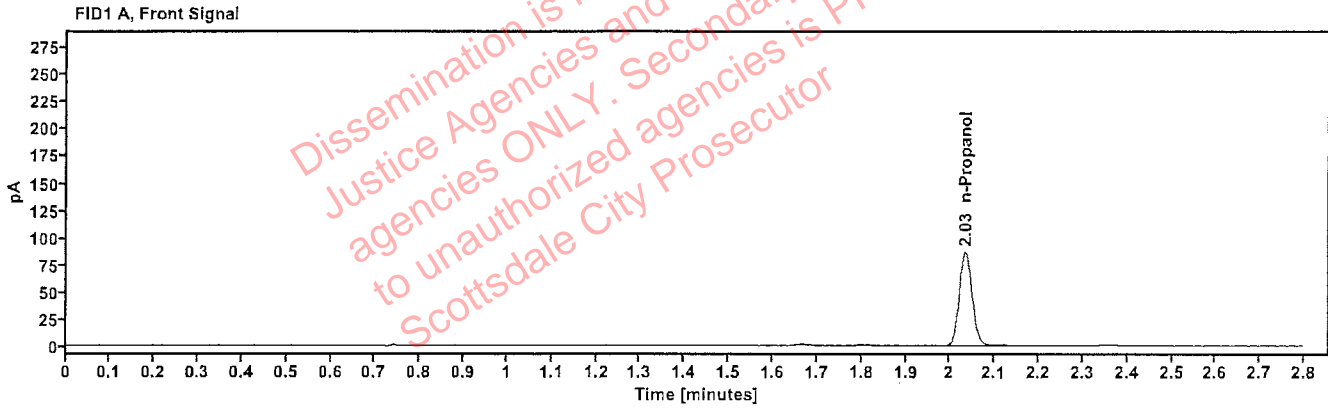


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.034	171.771

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

Compound	Time (min)	Peak Area
n-Propanol	2.459	187.182

# Scottsdale Police Department Crime Lab Volatiles Analysis

<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> 12Mar25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/12/2025 3:01:47 PM
<b>Data file:</b> C:\Chem32\1\Data\12Mar25\6.D	<b>Analyst:</b> Abbott

*Abbott*

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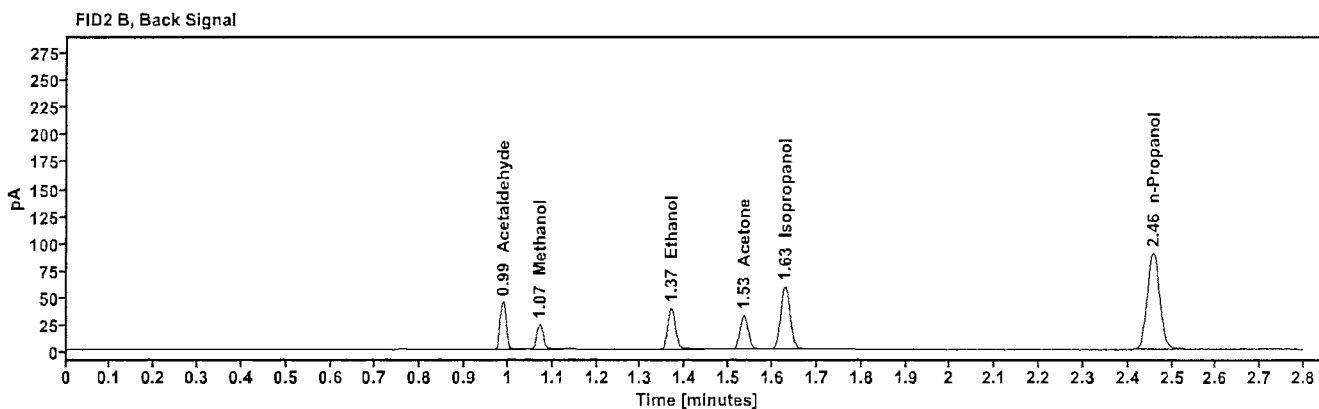
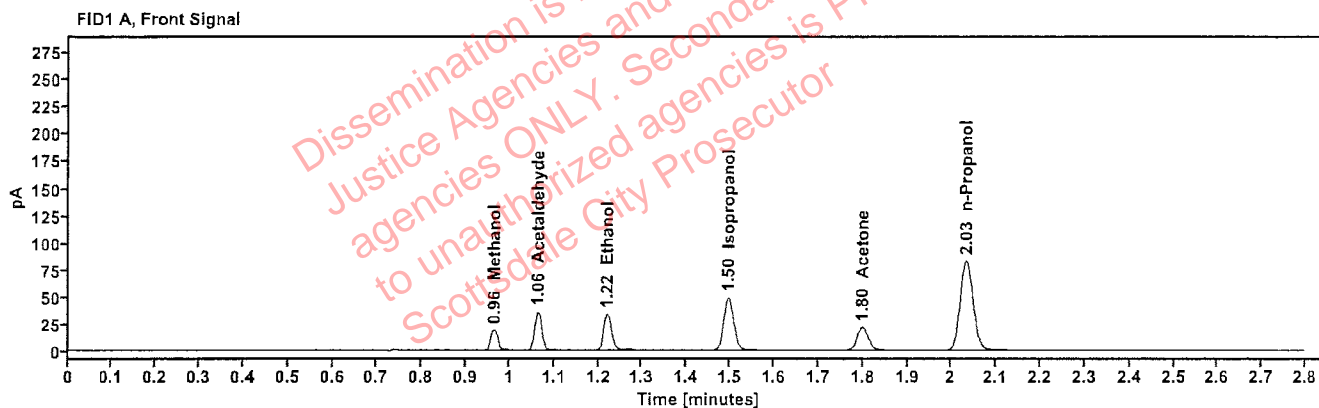


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.964	21.638
Acetaldehyde	-----	1.063	38.916
>Ethanol	0.0710	1.220	42.683
Isopropanol	-----	1.496	78.238
Acetone	-----	1.799	36.962
n-Propanol	-----	2.032	165.080

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	43.679
Methanol	1.071	24.087
Ethanol	1.368	46.802
Acetone	1.534	40.899
Isopropanol	1.629	86.537
n-Propanol	2.457	179.443



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4101119254/10	<b>Vial:</b> 7
<b>Description:</b> 0.302	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 12Mar25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/12/2025 3:06:03 PM
<b>Data file:</b> C:\Chem32\1\Data\12Mar25\7.D	<b>Analyst:</b> Abbott <span style="float: right;">[Signature]</span>

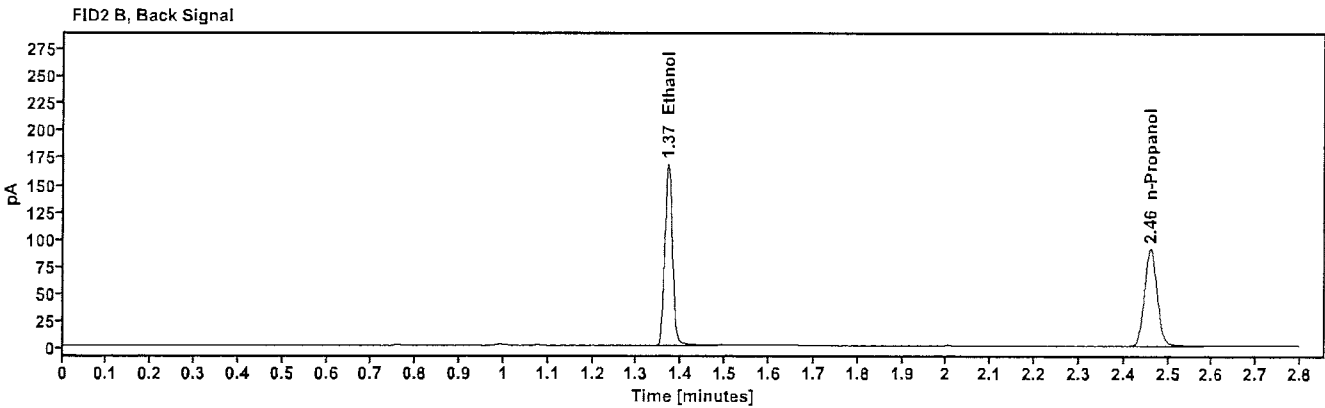
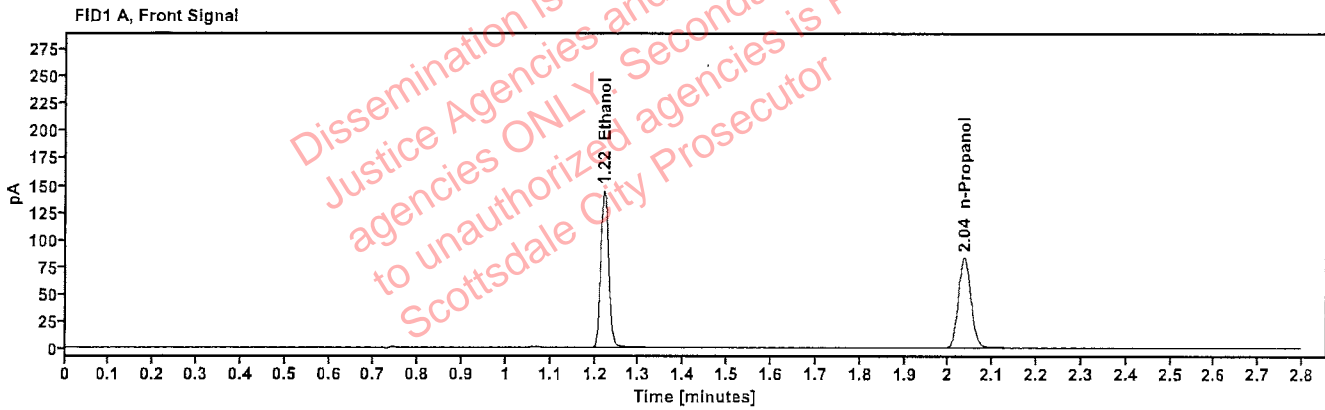


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3004	1.221	183.260
n-Propanol	-----	2.035	165.308

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

Compound	Time (min)	Peak Area
Ethanol	1.370	202.067
n-Propanol	2.460	179.903

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 518018	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar25
Instrument: US14173023 CN14160045	Injection date: 3/12/2025 3:10:03 PM
Data file: C:\Chem32\1\Data\12Mar25\8.D	Analyst: Abbott

*Abbott*

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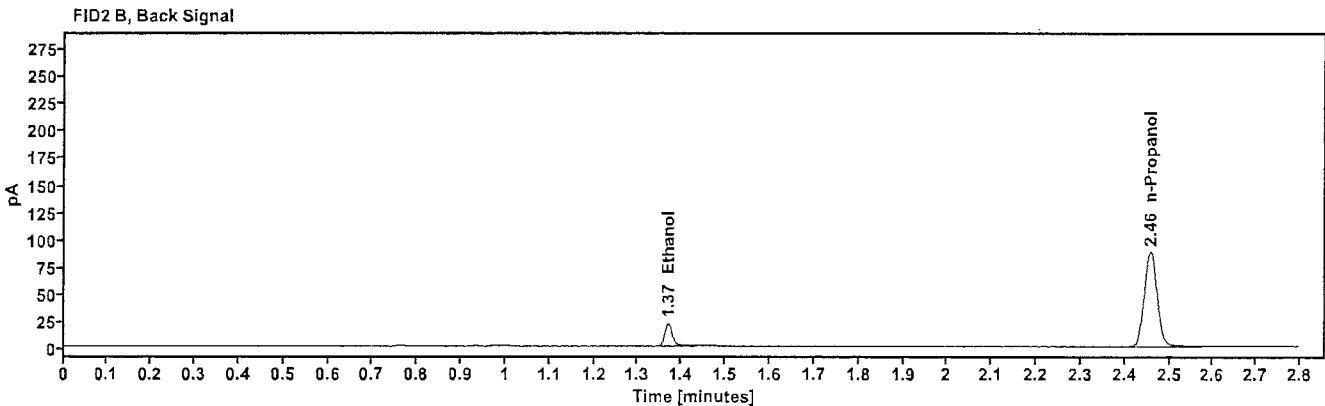
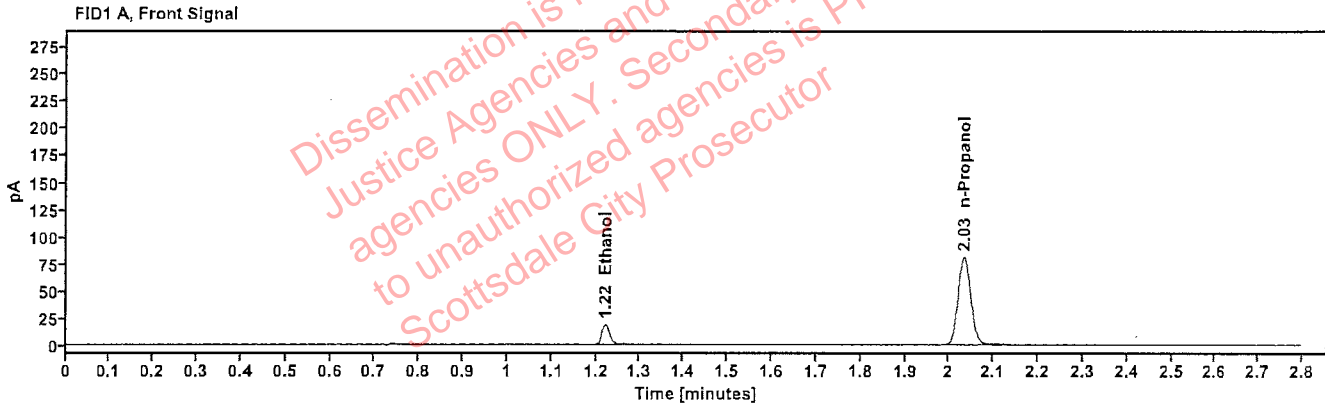


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0402	1.221	23.392
n-Propanol	---	2.033	161.556

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

Compound	Time (min)	Peak Area
Ethanol	1.369	25.574
n-Propanol	2.458	175.594

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 517758	Vial: 9
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar25
Instrument: US14173023 CN14160045	Injection date: 3/12/2025 3:14:02 PM
Data file: C:\Chem32\1\Data\12Mar25\9.D	Analyst: Abbott

*DA*

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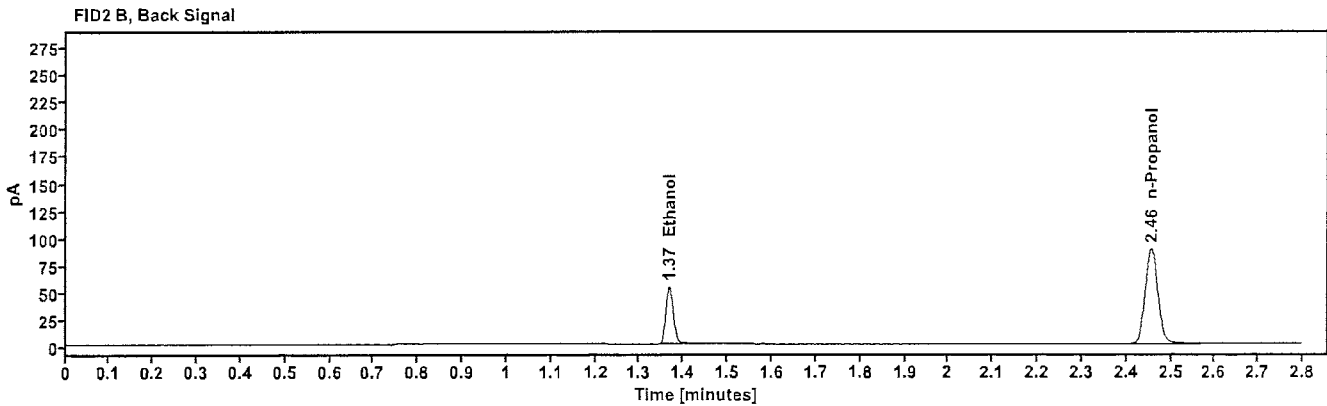
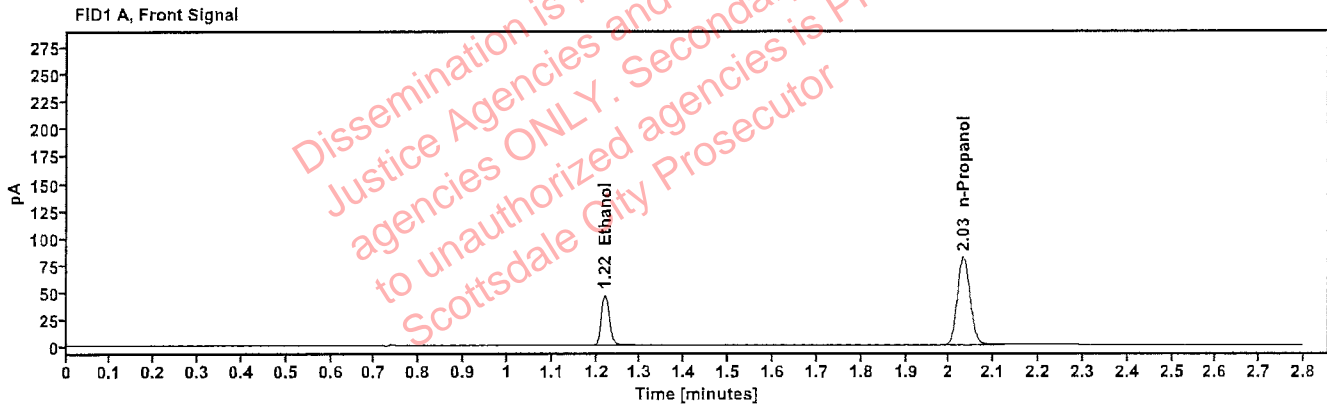


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0993	1.219	58.811
n-Propanol	-----	2.032	161.768

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

Compound	Time (min)	Peak Area
Ethanol	1.367	64.527
n-Propanol	2.456	176.080

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 517758	Vial: 20
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar25
Instrument: US14173023 CN14160045	Injection date: 3/12/2025 3:58:33 PM
Data file: C:\Chem32\1\Data\12Mar25\20.D	Analyst: Abbott <span style="float: right;">JH</span>

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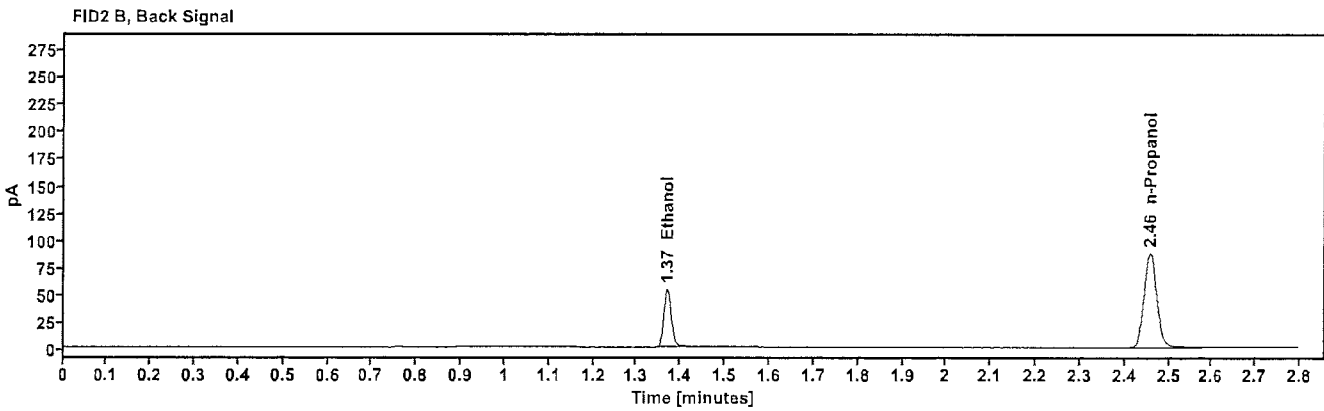
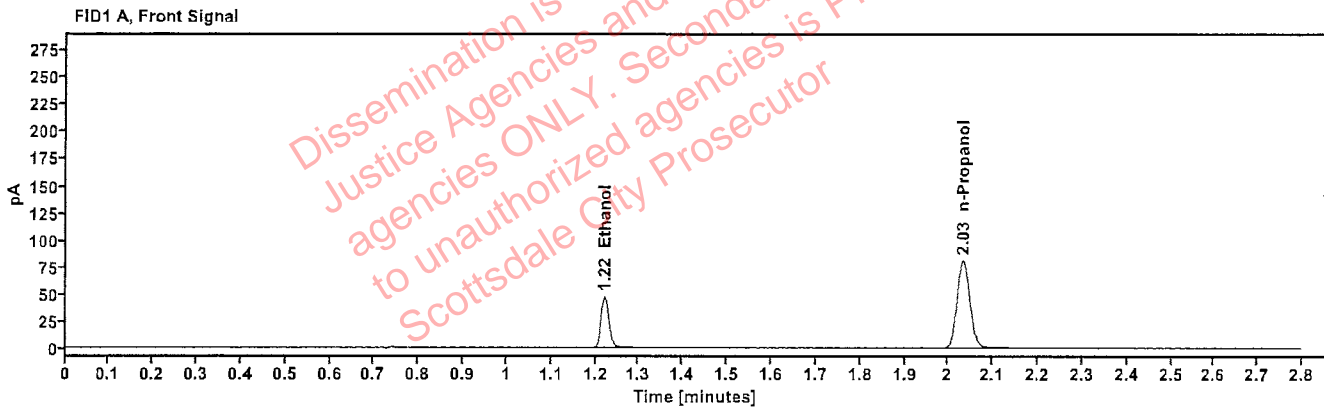


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1006	1.221	59.388
n-Propanol	-----	2.033	161.139

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

Compound	Time (min)	Peak Area
Ethanol	1.369	65.024
n-Propanol	2.458	174.928

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 517758	Vial: 31
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar25
Instrument: US14173023 CN14160045	Injection date: 3/12/2025 4:43:03 PM
Data file: C:\Chem32\1\Data\12Mar25\31.D	Analyst: Abbott

*GA*

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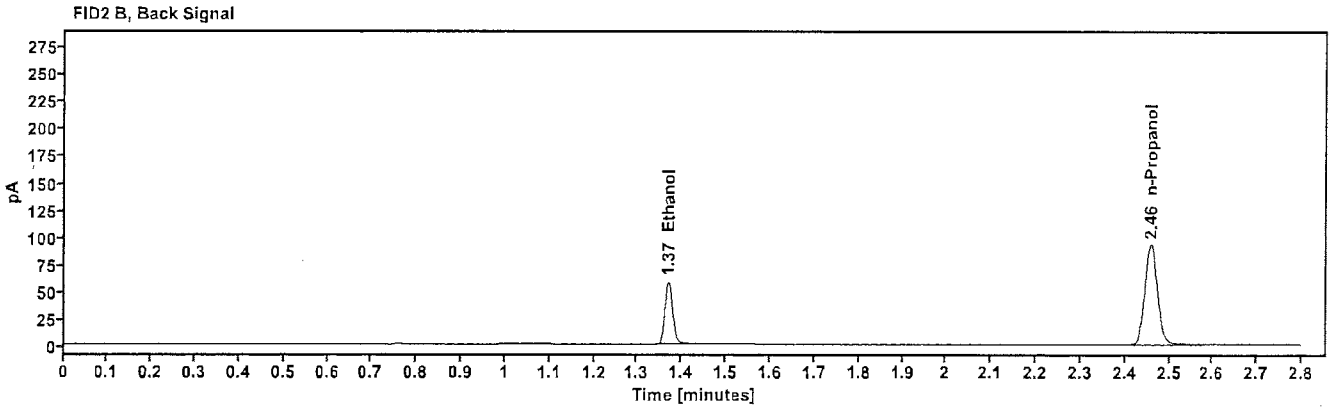
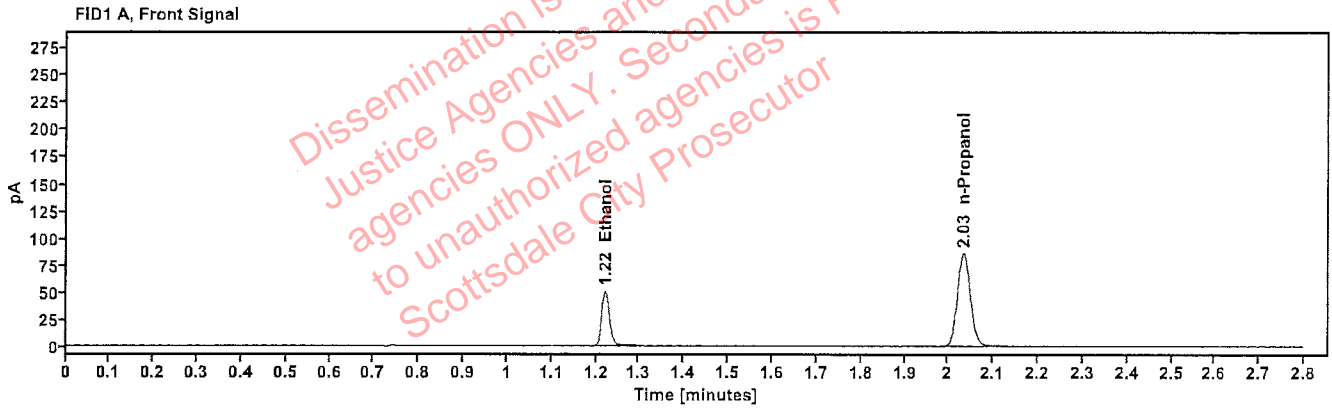


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1025	1.221	64.242
n-Propanol	-----	2.034	171.098

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

Compound	Time (min)	Peak Area
Ethanol	1.370	70.507
n-Propanol	2.459	185.698

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4101119254/10	<b>Vial:</b> 38
<b>Description:</b> 0.302	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 12Mar25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/12/2025 5:11:18 PM
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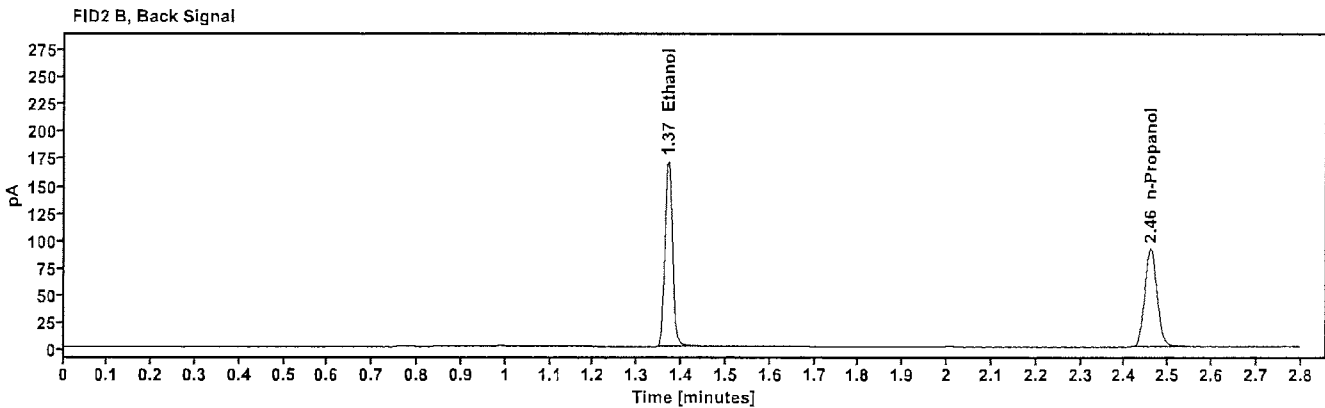
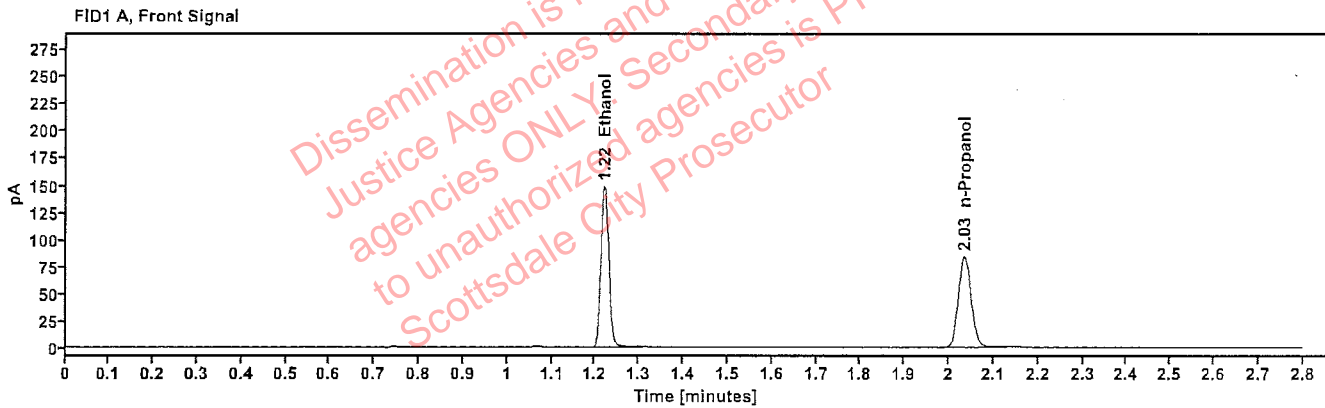


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3044	1.220	187.923
n-Propanol	-----	2.034	167.257

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

Compound	Time (min)	Peak Area
Ethanol	1.370	207.140
n-Propanol	2.459	181.582

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 518018	Vial: 39
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar25
Instrument: US14173023 CN14160045	Injection date: 3/12/2025 5:15:17 PM
Data file: C:\Chem32\1\Data\12Mar25\39.D	Analyst: Abbott

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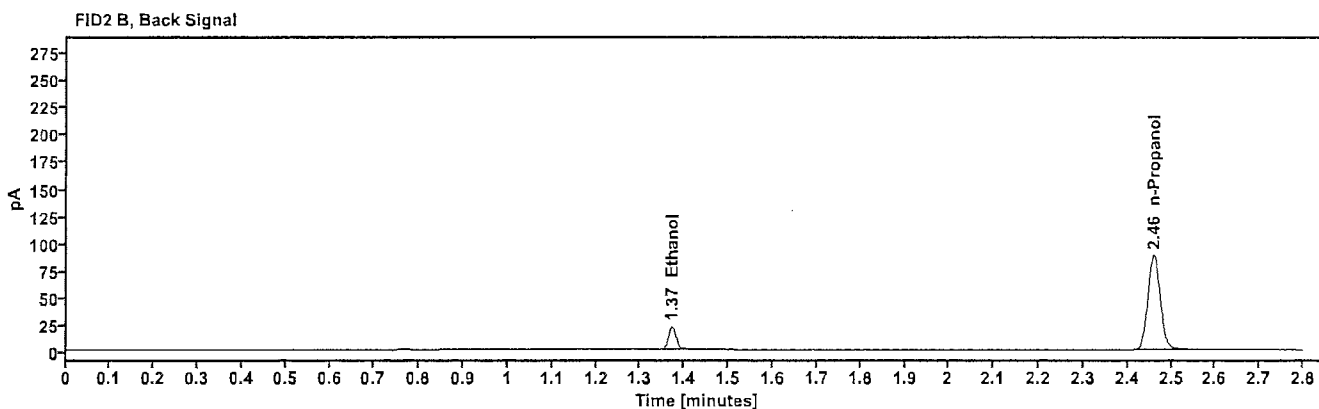
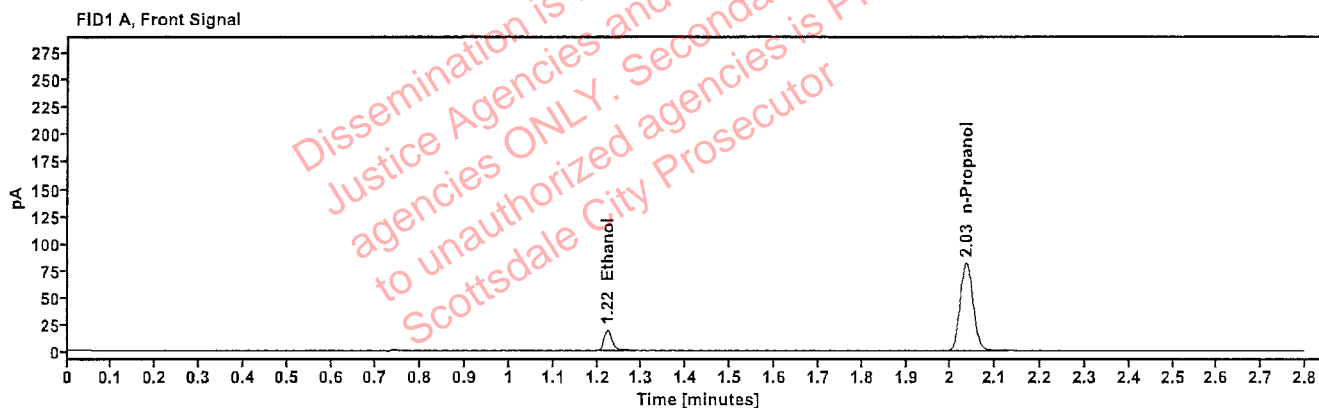


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0414	1.222	24.141
n-Propanol	-----	2.035	162.090

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

Compound	Time (min)	Peak Area
Ethanol	1.371	26.298
n-Propanol	2.460	175.839

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 517758	<b>Vial:</b> 40
<b>Description:</b> 0.100	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 12Mar25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/12/2025 5:19:17 PM
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*Abbott*

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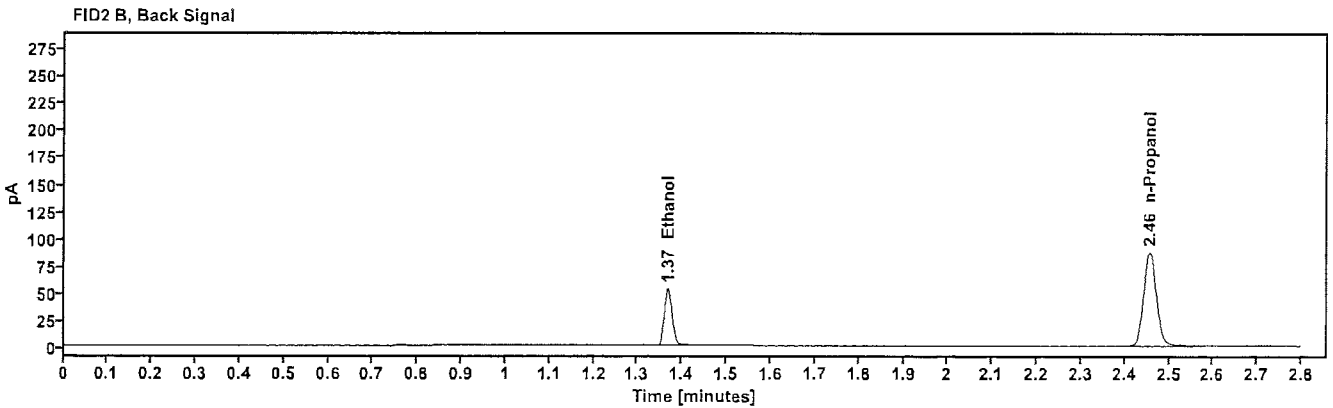
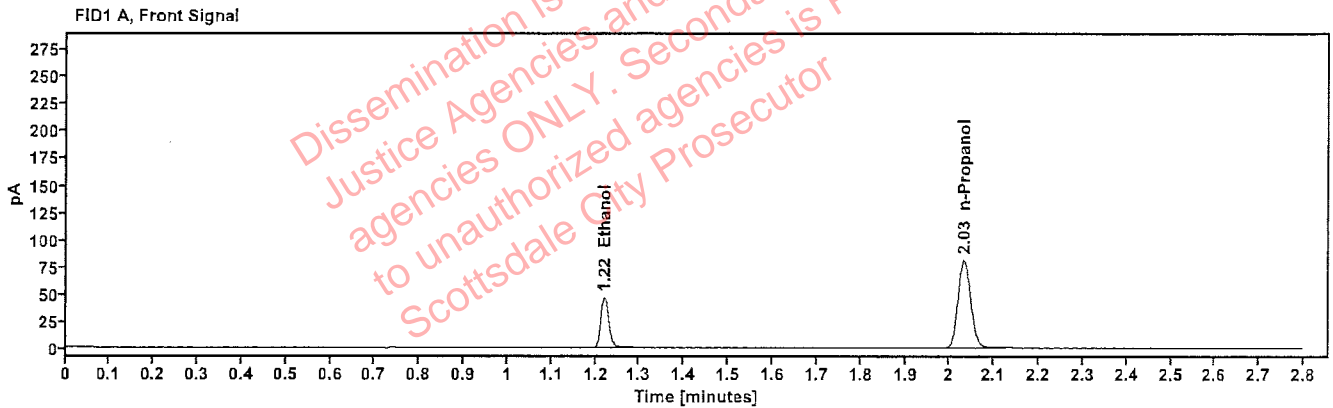


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0995	1.220	58.847
n-Propanol	-----	2.032	161.573

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

Compound	Time (min)	Peak Area
Ethanol	1.368	64.616
n-Propanol	2.457	175.519



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 120424AQ	Vial: 41
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar25
Instrument: US14173023 CN14160045	Injection date: 3/12/2025 5:23:17 PM
Data file: C:\Chem32\1\Data\12Mar25\41.D	Analyst: Abbott

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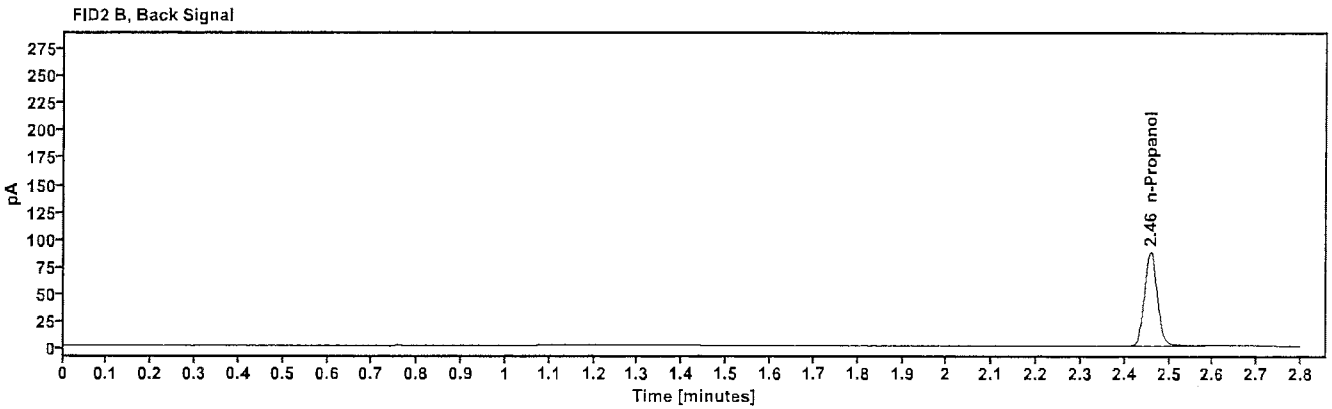
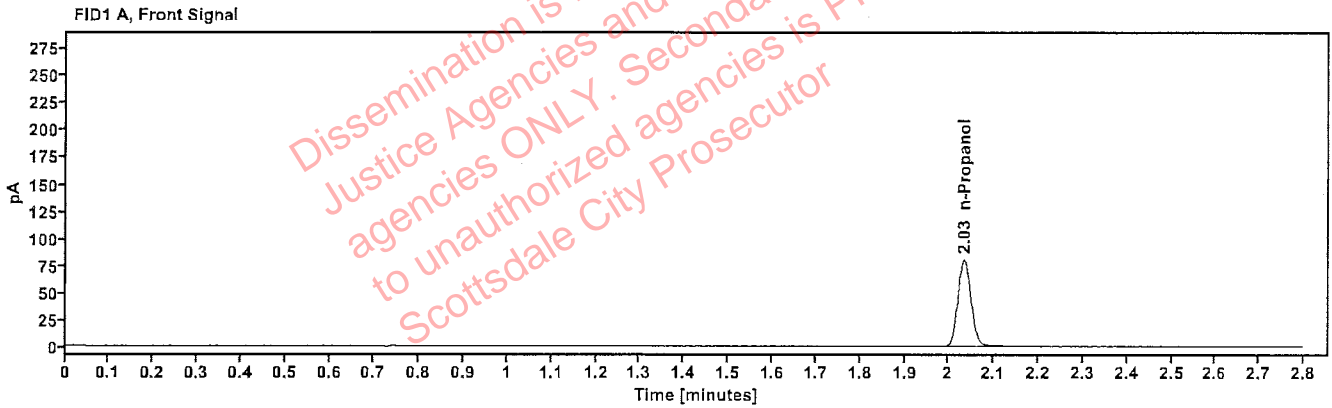


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.034	160.884

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

Compound	Time (min)	Peak Area
n-Propanol	2.458	174.809

# Sequence Summary

Sequence name: 12Mar25      Instrument: US14173023 CN14160045      Analyst: Abbott

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	4101119254/10	0.302	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	517758	0.100	Control		ethanol quant.M
10	2503991-2		Sample		ethanol quant.M
11	2503991-2		Sample		ethanol quant.M
12	2504652-4		Sample		ethanol quant.M
13	2504652-4		Sample		ethanol quant.M
14	2504567-1		Sample		ethanol quant.M
15	2504567-1		Sample		ethanol quant.M
16	2421735-1		Sample		ethanol quant.M
17	2421735-1		Sample		ethanol quant.M
18	2504626-2		Sample		ethanol quant.M
19	2504626-2		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2504689-2		Sample		ethanol quant.M
22	2504689-2		Sample		ethanol quant.M
23	2504570-1		Sample		ethanol quant.M
24	2504570-1		Sample		ethanol quant.M
25	2504682-2		Sample		ethanol quant.M
26	2504682-2		Sample		ethanol quant.M
27	2504688-2		Sample		ethanol quant.M
28	2504688-2		Sample		ethanol quant.M
29	2504887-3		Sample		ethanol quant.M
30	2504887-3		Sample		ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2503418-1		Sample		ethanol quant.M
33	2503418-1		Sample		ethanol quant.M
34	4130622206/10	ACQ, 0.196	Sample	verification	ethanol quant.M
35	4130622206/10	ACQ, 0.196	Sample	verification	ethanol quant.M
36	4130622206/10	ACQ, 0.196	Sample	verification	ethanol quant.M
37	4130622206/10	ACQ, 0.196	Sample	verification	ethanol quant.M
38	4101119254/10	0.302	Control		ethanol quant.M
39	518018	0.040	Control		ethanol quant.M
40	517758	0.100	Control		ethanol quant.M
41	120424AQ	Negative	Control		ethanol quant.M

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# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 12Mar25

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1699	0.1699	0.16990	0.00	0.00000
12 13	0.0000	0.0000	0.00000	0.00	0.00000
14 15	0.0000	0.0000	0.00000	0.00	0.00000
16 17	0.1595	0.1603	0.15990	0.25	0.00040
18 19	0.0162	0.0163	0.01625	0.31	0.00005
21 22	0.2367	0.2364	0.23655	0.06	0.00015
23 24	0.1725	0.1746	0.17355	0.61	0.00105
25 26	0.2140	0.2148	0.21440	0.19	0.00040
27 28	0.1661	0.1656	0.16585	0.15	0.00025
29 30	0.1670	0.1669	0.16695	0.03	0.00005
32 33	0.1213	0.1213	0.12130	0.00	0.00000
34 35	0.2023	0.2029	0.20260	0.15	0.00030
36 37	0.2022	0.2037	0.20295	0.37	0.00075

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

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**Scottsdale Forensic Lab**  
**Blood Alcohol Pipetting Log**

ANALYST: Abbott *JA*

SEQUENCE: 12Mar25

<b>Instrument Position</b>	<b>Headspace Vial 1</b>	<b>Headspace Vial 2</b>	<b>Blood Tube</b>	<b>Barcode Match</b>
Vials 10 and 11	2503991-2	2503991-2	2503991-2	Yes
Vials 12 and 13	2504652-4	2504652-4	2504652-4	Yes
Vials 14 and 15	2504567-1	2504567-1	2504567-1	Yes
Vials 16 and 17	2421735-1	2421735-1	2421735-1	Yes
Vials 18 and 19	2504626-2	2504626-2	2504626-2	Yes
Vials 21 and 22	2504689-2	2504689-2	2504689-2	Yes
Vials 23 and 24	2504570-1	2504570-1	2504570-1	Yes
Vials 25 and 26	2504682-2	2504682-2	2504682-2	Yes
Vials 27 and 28	2504688-2	2504688-2	2504688-2	Yes
Vials 29 and 30	2504887-3	2504887-3	2504887-3	Yes
Vials 32 and 33	2503418-1	2503418-1	2503418-1	Yes

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503991-2	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 3:18:03 PM
Data file:	C:\Chem32\1\Data\12Mar25\10.D	Analyst:	Abbott

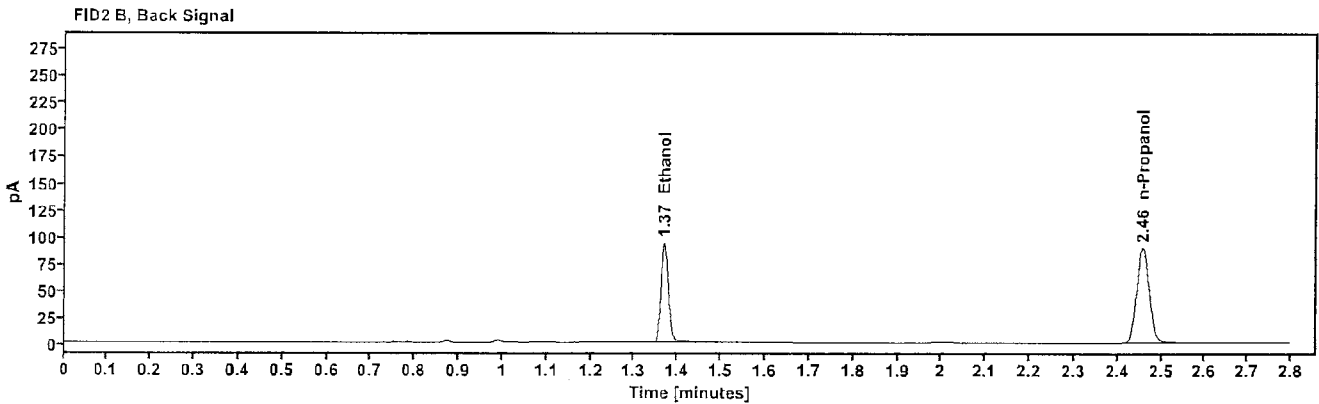
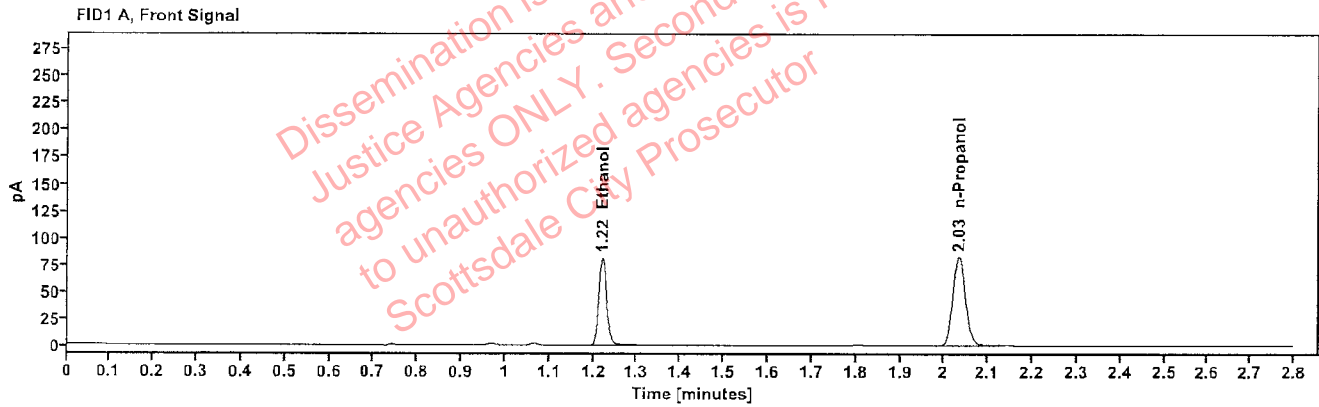


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1699	1.220	102.607
n-Propanol	-----	2.033	164.173

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

Compound	Time (min)	Peak Area
Ethanol	1.368	112.635
n-Propanol	2.458	178.424

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503991-2	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 3:22:03 PM
Data file:	C:\Chem32\1\Data\12Mar25\11.D	Analyst:	Abbott

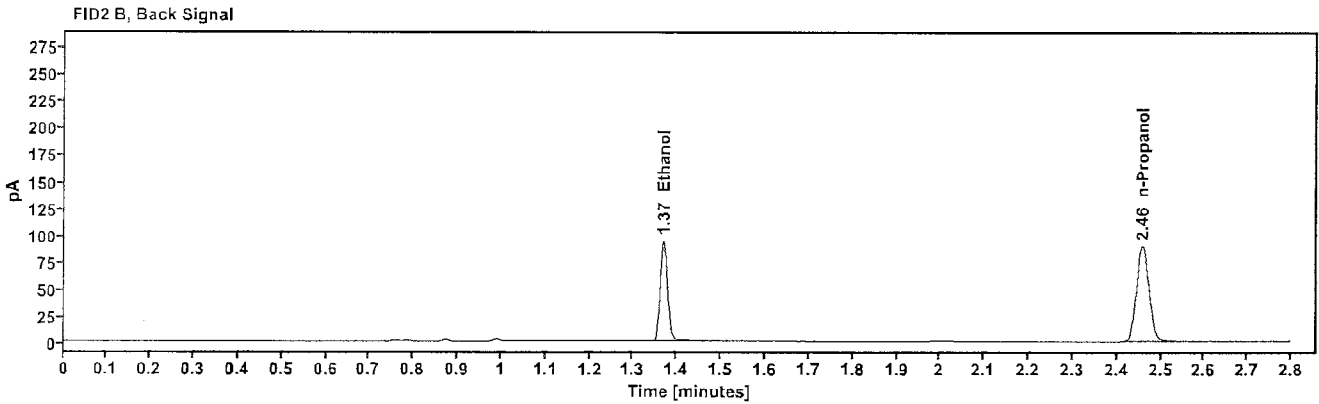
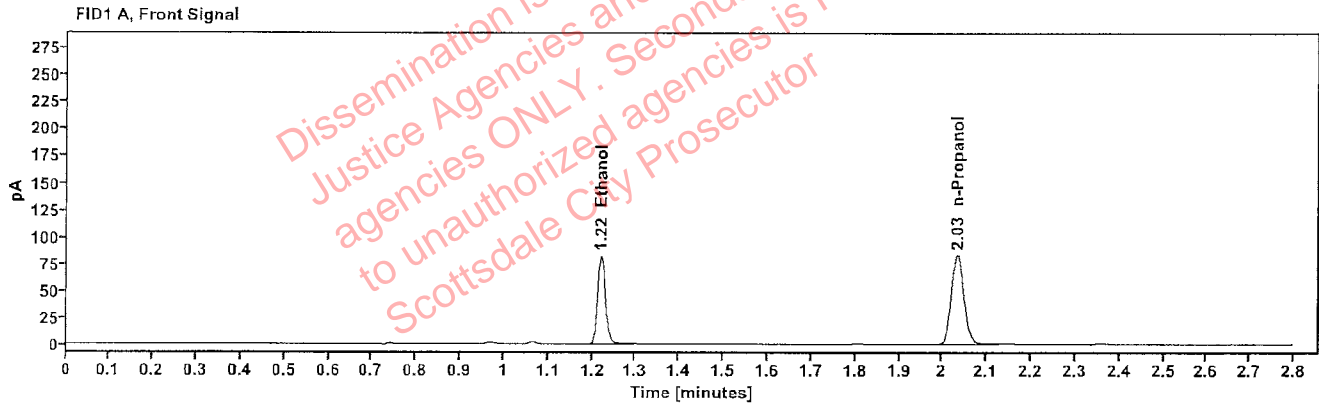


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1699	1.220	103.311
n-Propanol	-----	2.034	165.227

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

Compound	Time (min)	Peak Area
Ethanol	1.369	113.220
n-Propanol	2.458	179.378

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504652-4	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 3:26:02 PM
Data file:	C:\Chem32\1\Data\12Mar25\12.D	Analyst:	Abbott

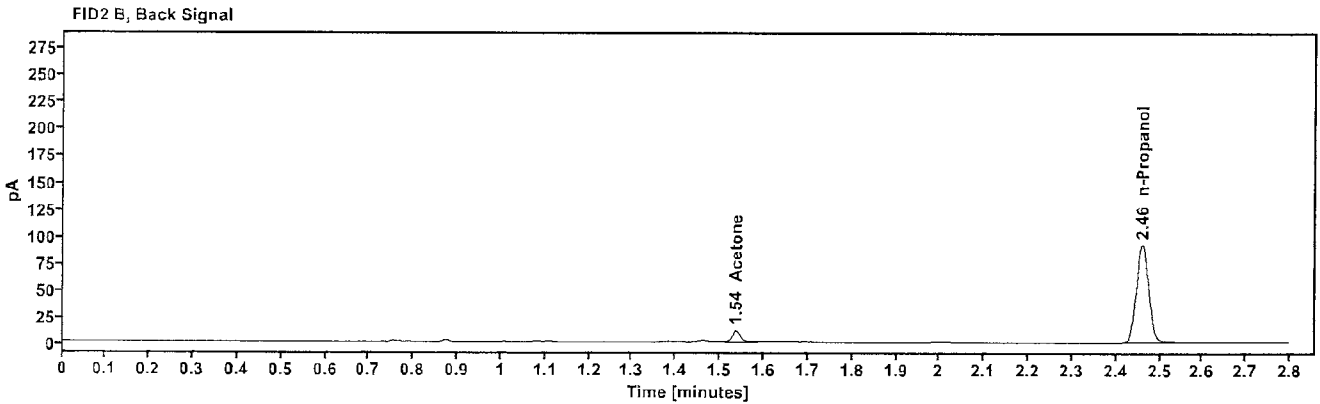
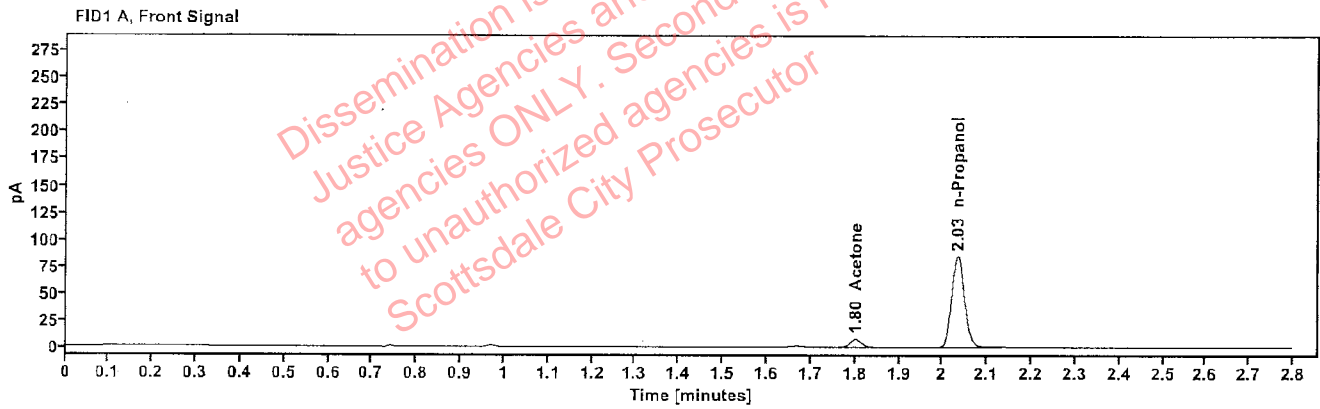


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetone	-----	1.802	12.976
n-Propanol	-----	2.034	169.057

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

Compound	Time (min)	Peak Area
Acetone	1.537	14.828
n-Propanol	2.459	183.963

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504652-4	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 3:30:17 PM
Data file:	C:\Chem32\1\Data\12Mar25\13.D	Analyst:	Abbott

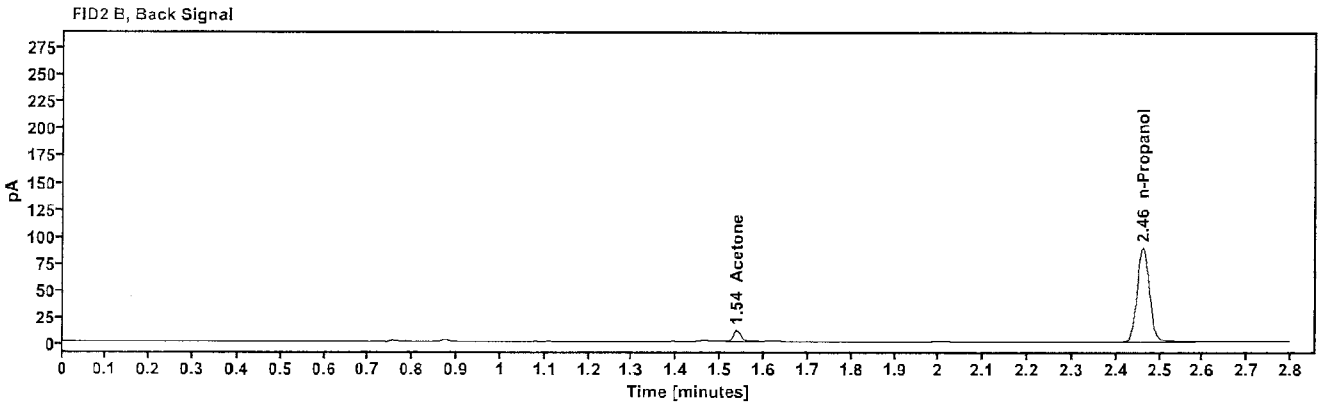
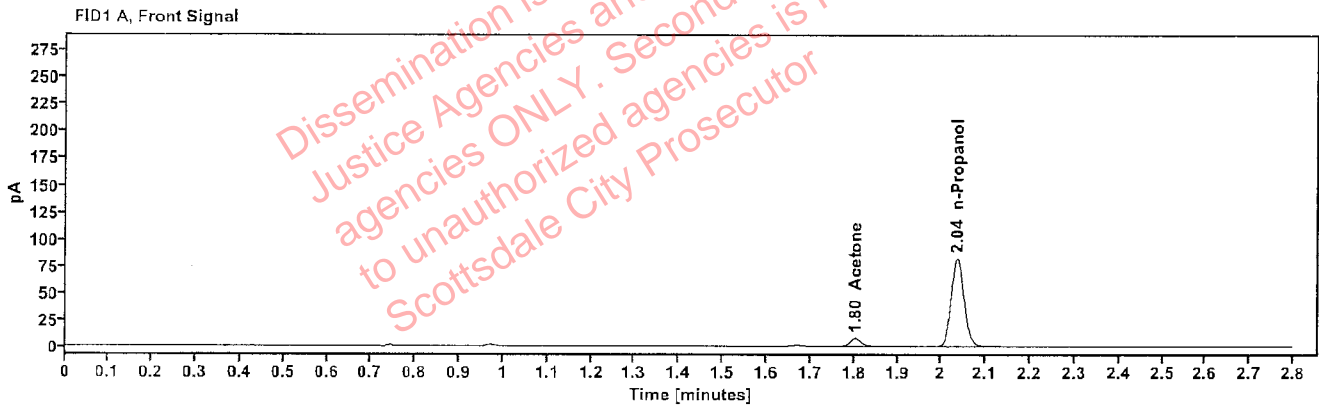


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetone	-----	1.803	12.674
n-Propanol	-----	2.036	163.432

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

Compound	Time (min)	Peak Area
Acetone	1.538	14.159
n-Propanol	2.461	177.813



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504567-1	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 3:34:17 PM
Data file:	C:\Chem32\1\Data\12Mar25\14.D	Analyst:	Abbott

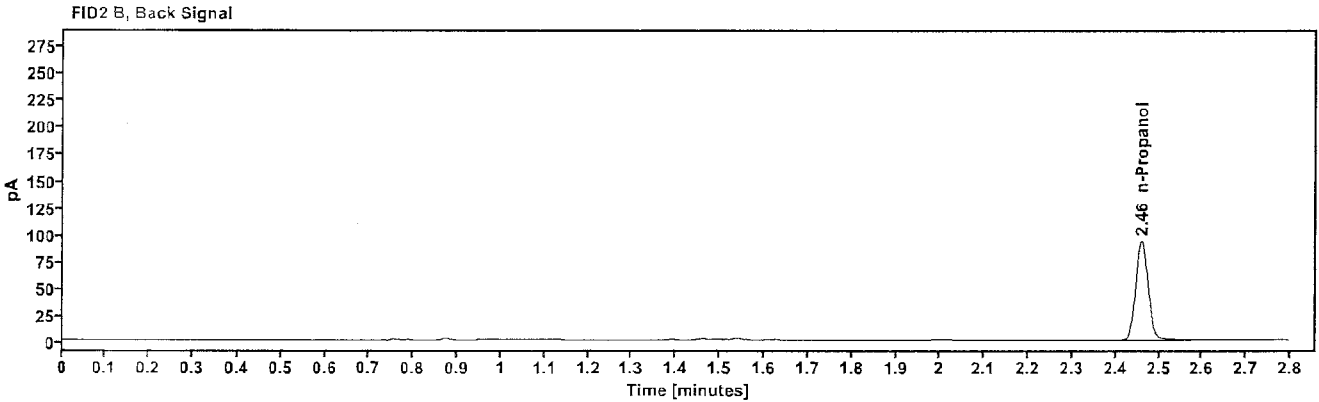
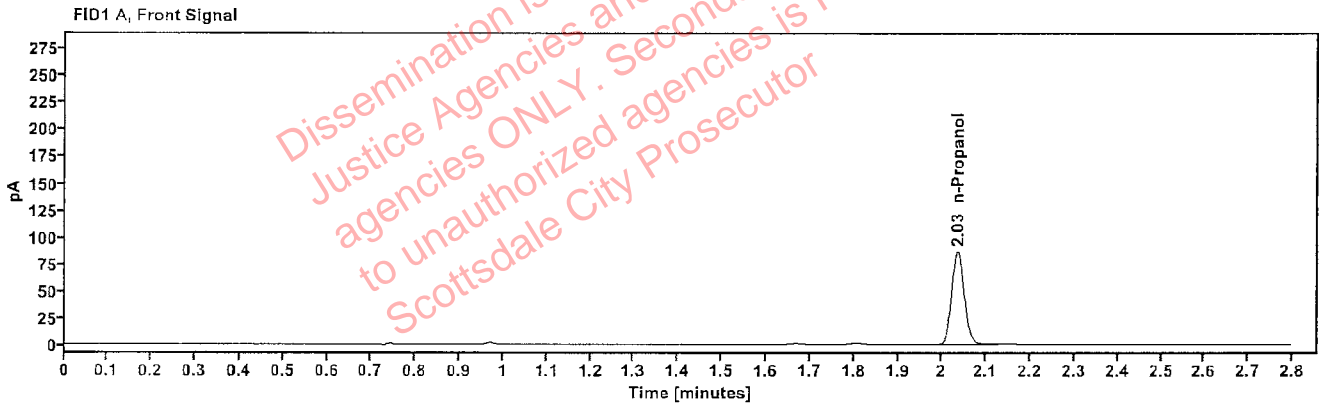


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.035	170.729

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

Compound	Time (min)	Peak Area
n-Propanol	2.460	185.800

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504567-1	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 3:38:17 PM
Data file:	C:\Chem32\1\Data\12Mar25\15.D	Analyst:	Abbott

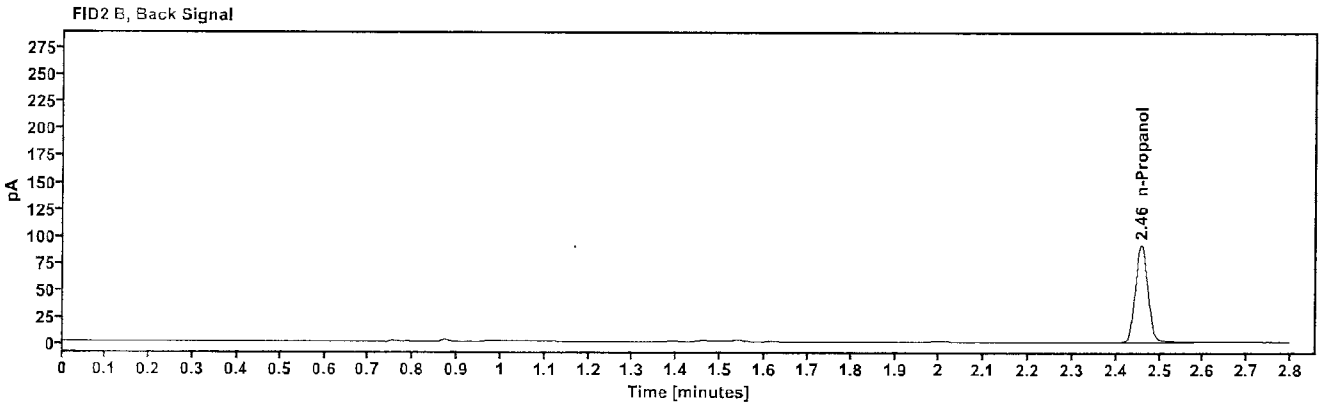
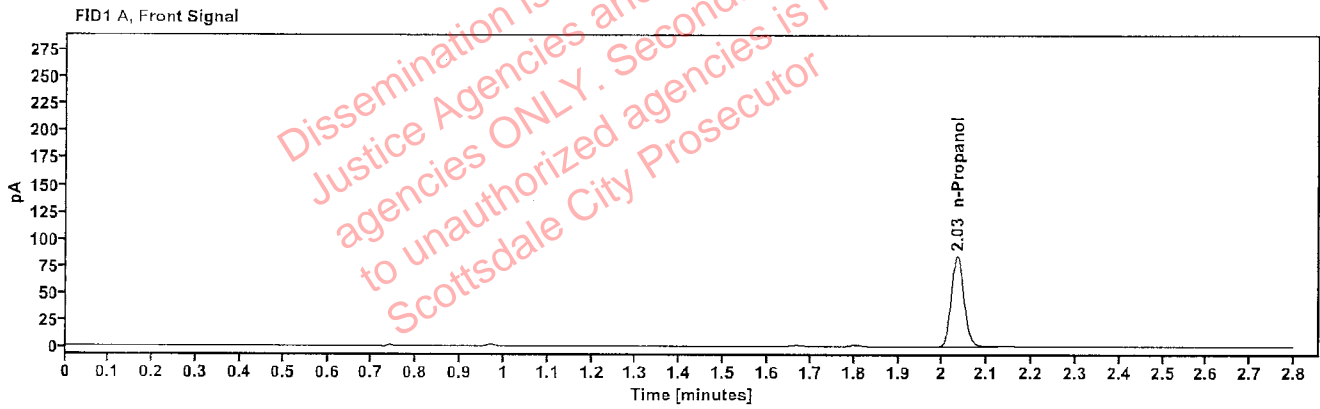


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.033	167.579

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

Compound	Time (min)	Peak Area
n-Propanol	2.458	182.295

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421735-1	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 3:42:18 PM
Data file:	C:\Chem32\1\Data\12Mar25\16.D	Analyst:	Abbott

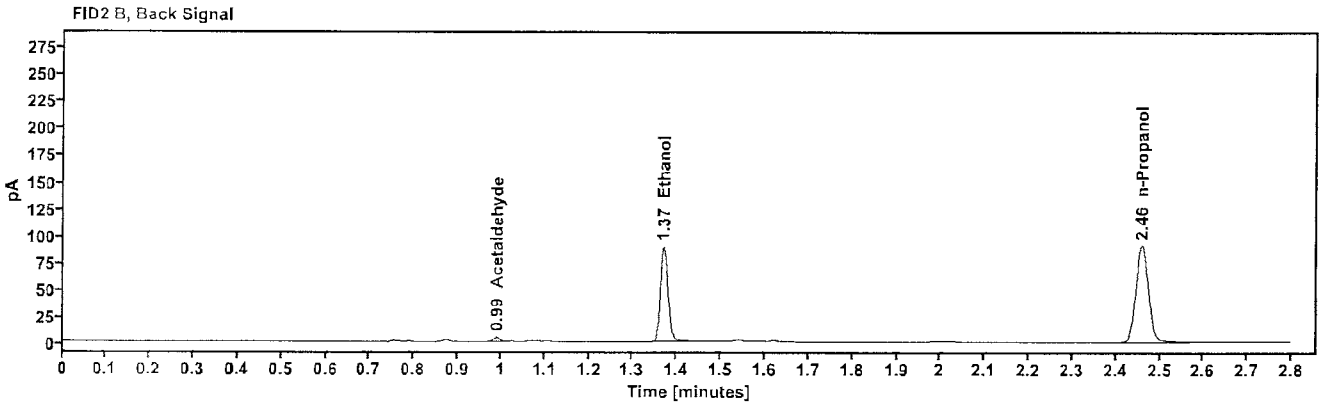
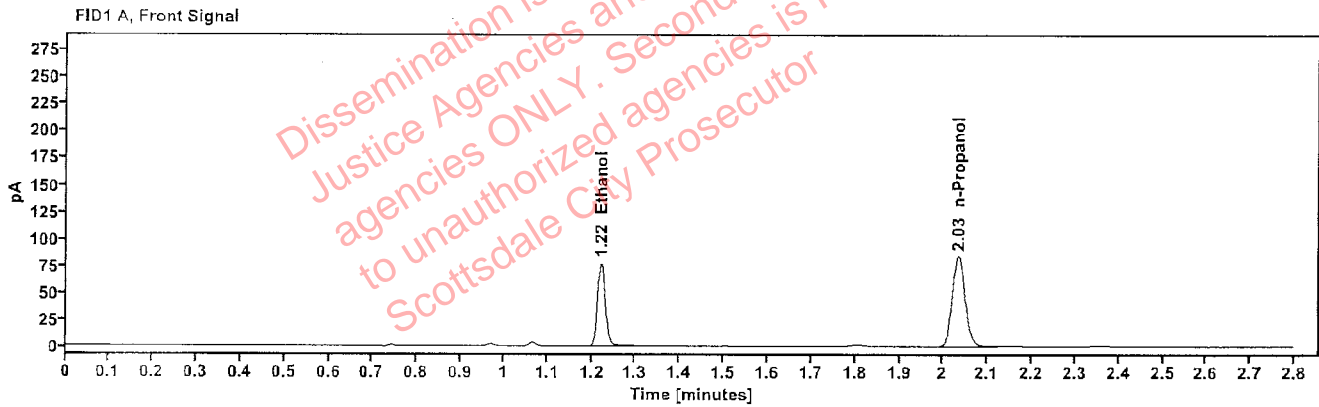


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1595	1.221	97.724
n-Propanol	-----	2.034	166.645

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	4.051
Ethanol	1.370	107.227
n-Propanol	2.459	181.175

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421735-1	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 3:46:17 PM
Data file:	C:\Chem32\1\Data\12Mar25\17.D	Analyst:	Abbott

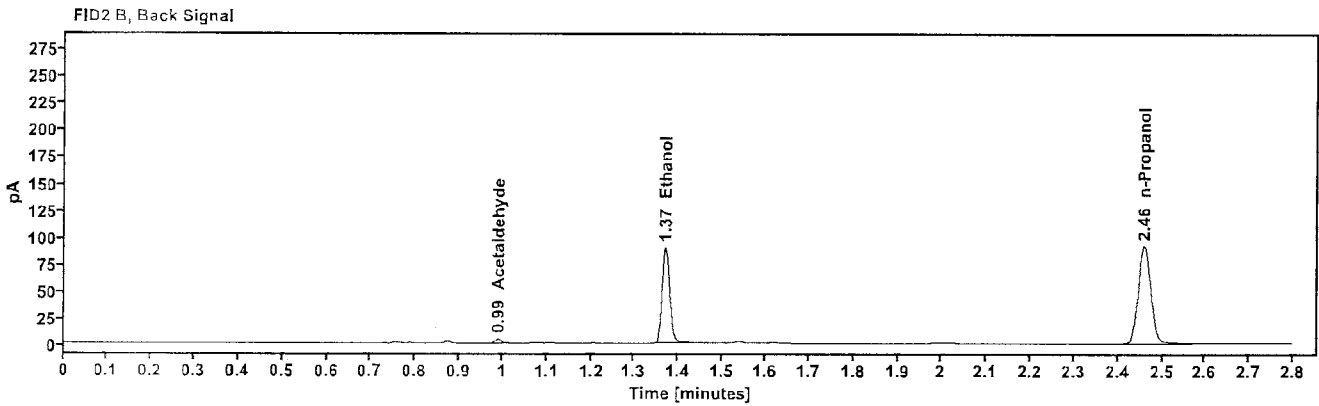
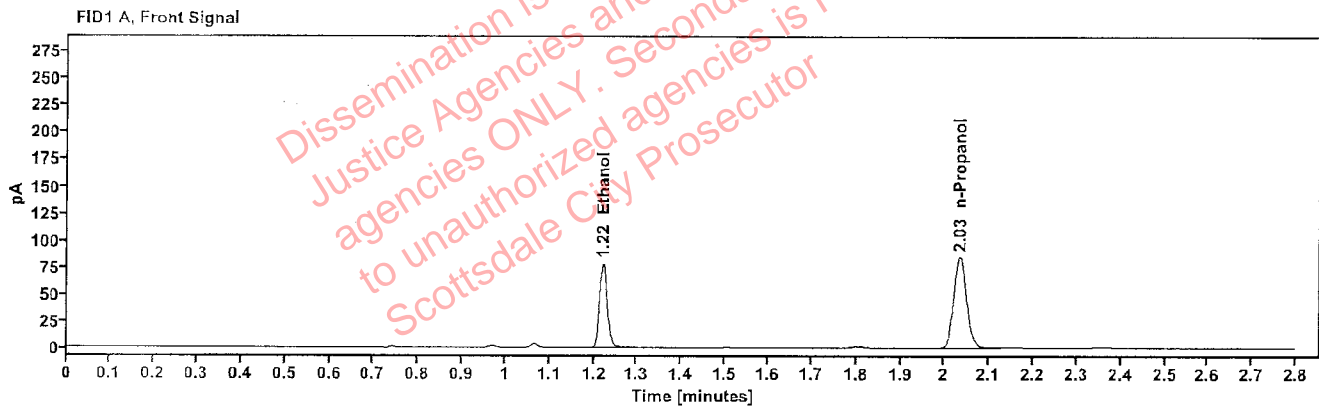


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1603	1.221	99.231
n-Propanol	-----	2.034	168.281

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	4.042
Ethanol	1.370	108.848
n-Propanol	2.459	183.032

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504626-2	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 3:50:18 PM
Data file:	C:\Chem32\1\Data\12Mar25\18.D	Analyst:	Abbott

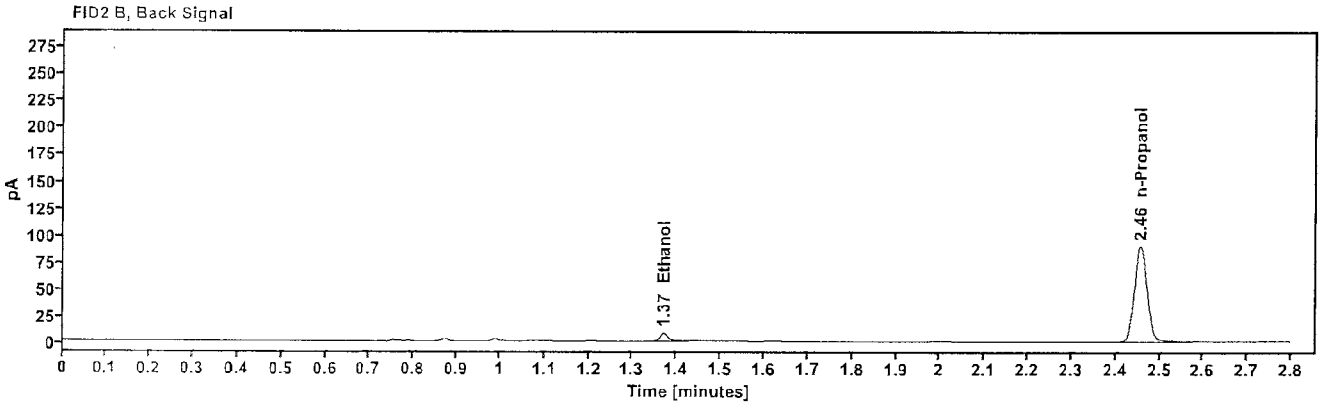
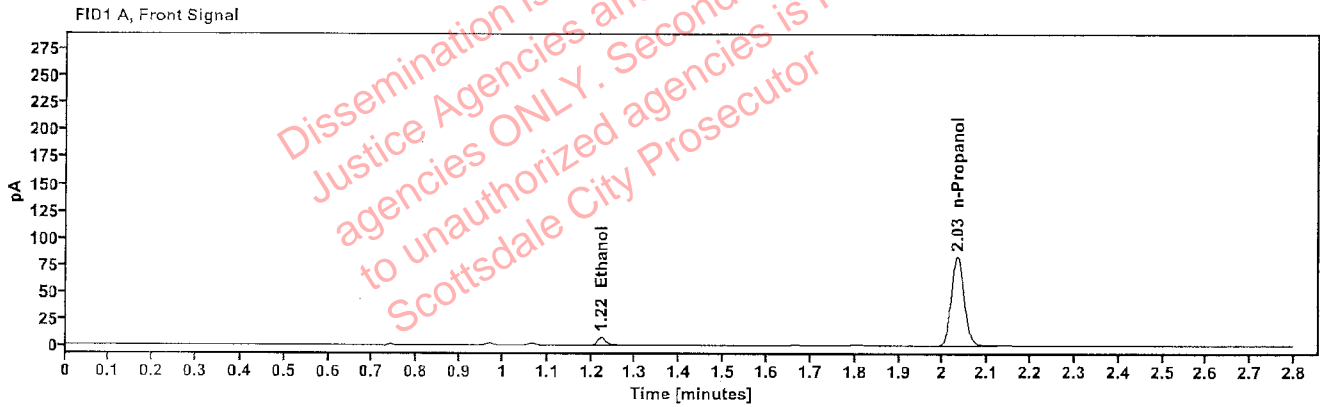


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0162	1.222	9.186
n-Propanol	---	2.032	165.149

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

Compound	Time (min)	Peak Area
Ethanol	1.370	10.216
n-Propanol	2.457	179.582

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504626-2	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 3:54:32 PM
Data file:	C:\Chem32\1\Data\12Mar25\19.D	Analyst:	Abbott

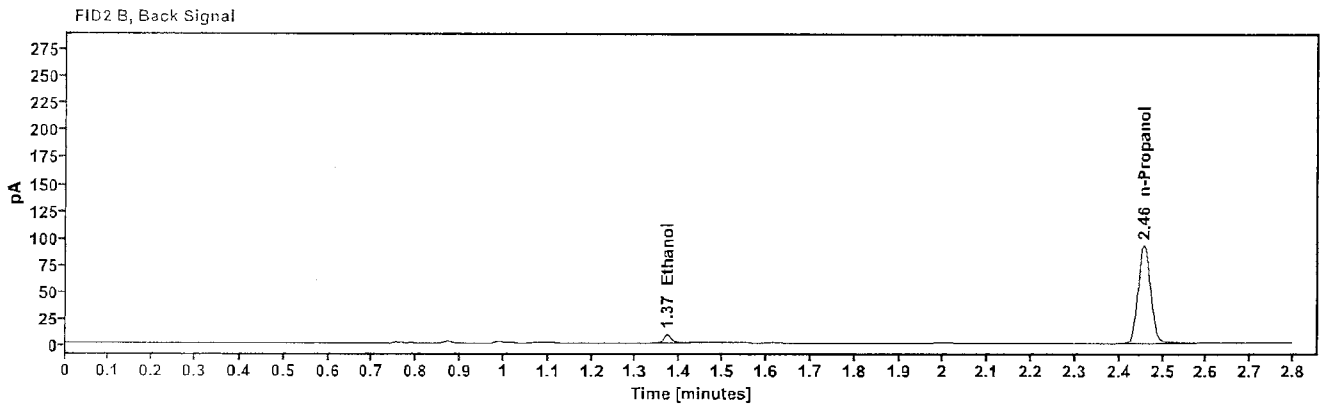
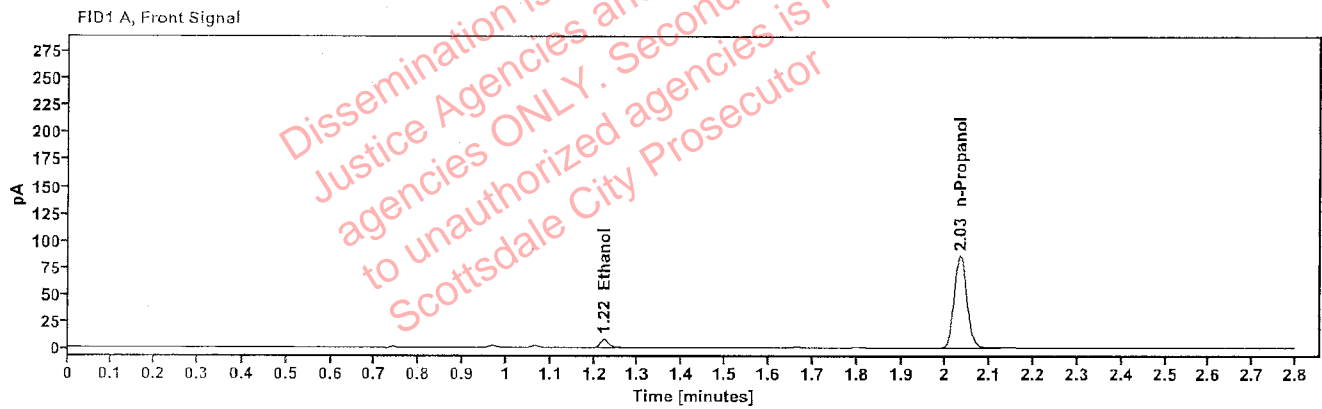


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0163	1.222	9.587
n-Propanol	-----	2.032	170.754

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

Compound	Time (min)	Peak Area
Ethanol	1.371	10.715
n-Propanol	2.457	185.606

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504689-2	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 4:02:32 PM
Data file:	C:\Chem32\1\Data\12Mar25\21.D	Analyst:	Abbott

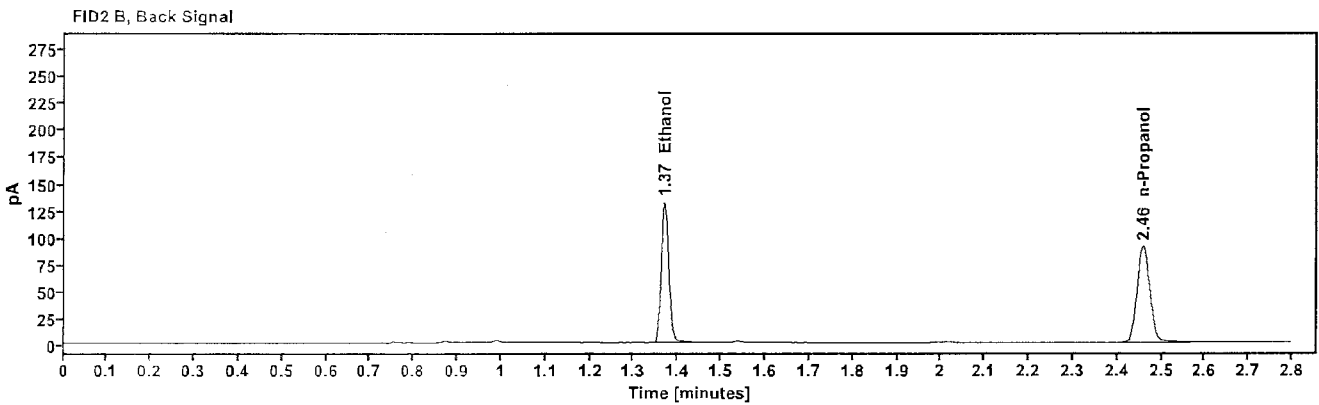
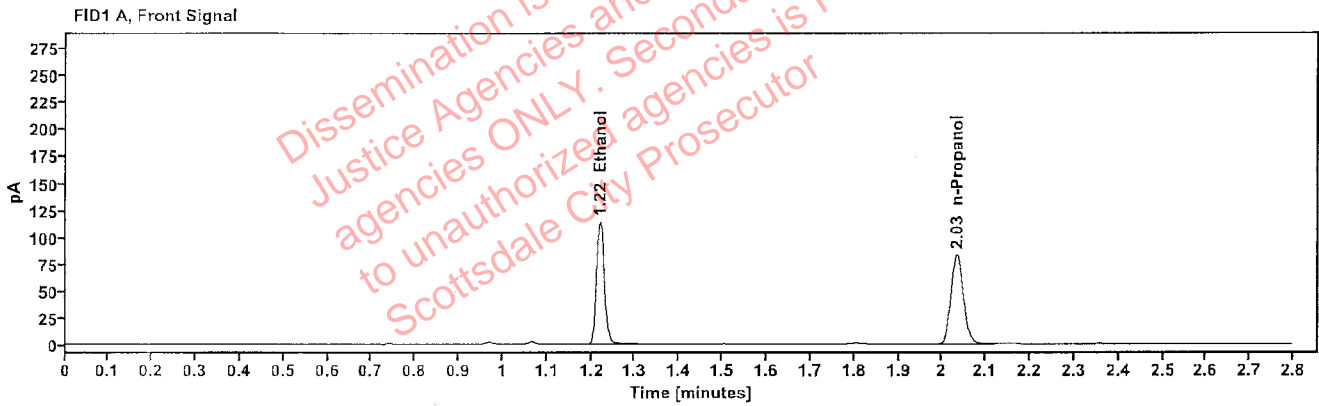


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2367	1.220	144.654
n-Propanol	-----	2.034	165.787

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

Compound	Time (min)	Peak Area
Ethanol	1.369	160.017
n-Propanol	2.458	179.978

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504689-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 4:06:33 PM
Data file:	C:\Chem32\1\Data\12Mar25\22.D	Analyst:	Abbott

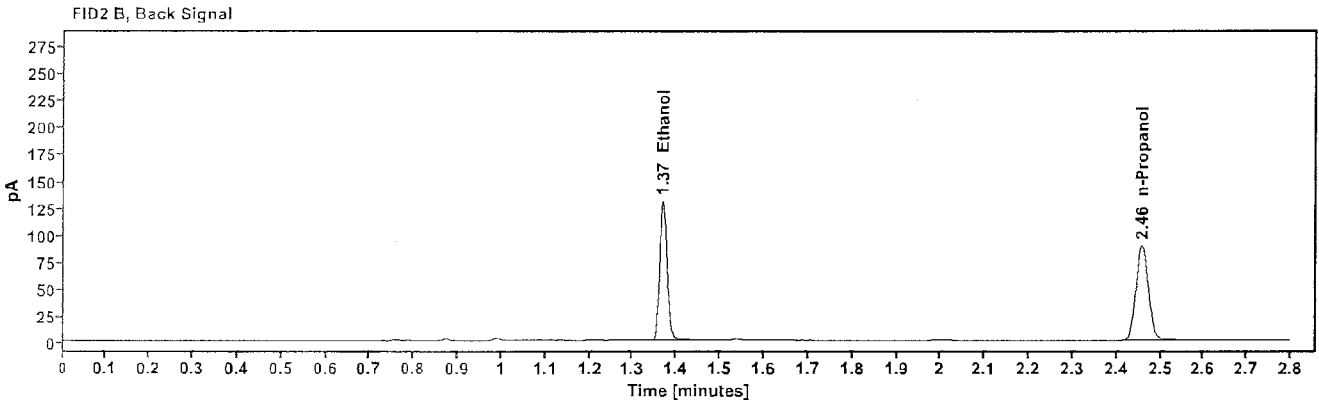
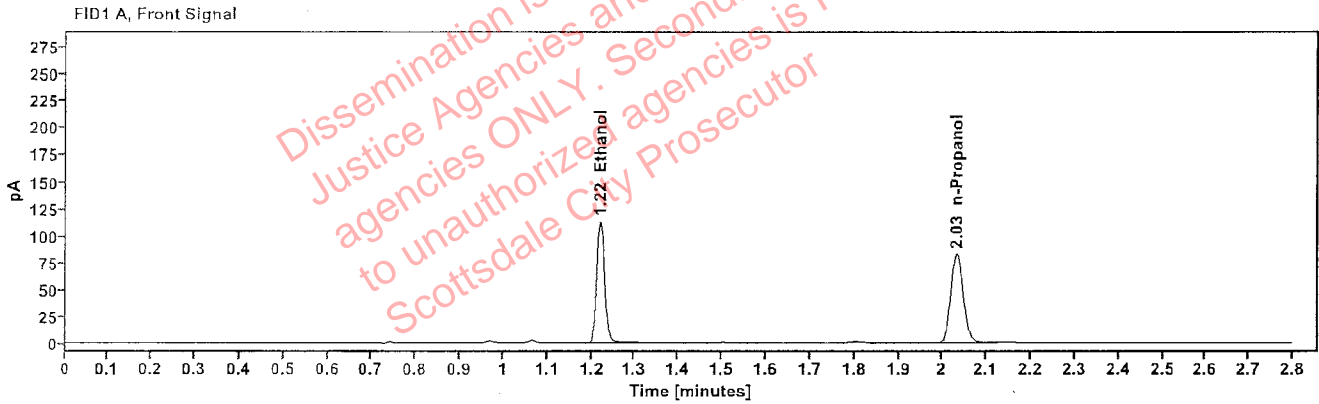


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2364	1.219	143.283
n-Propanol	-----	2.033	164.377

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

Compound	Time (min)	Peak Area
Ethanol	1.368	157.536
n-Propanol	2.457	178.279



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504570-1	Vial:	23
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 4:10:33 PM
Data file:	C:\Chem32\1\Data\12Mar25\23.D	Analyst:	Abbott

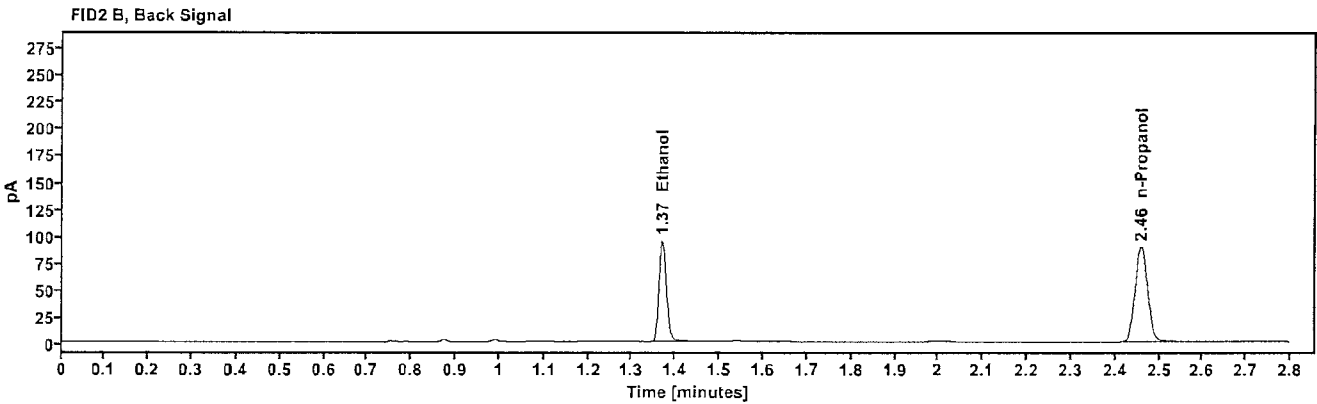
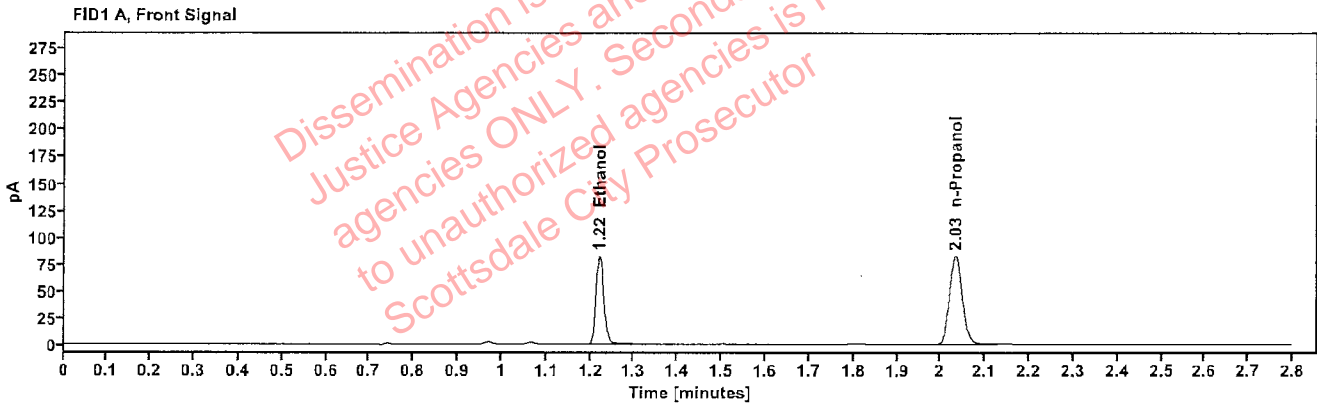


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1725	1.220	104.216
n-Propanol	---	2.034	164.180

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

Compound	Time (min)	Peak Area
Ethanol	1.369	114.091
n-Propanol	2.458	177.823

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504570-1	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 4:14:32 PM
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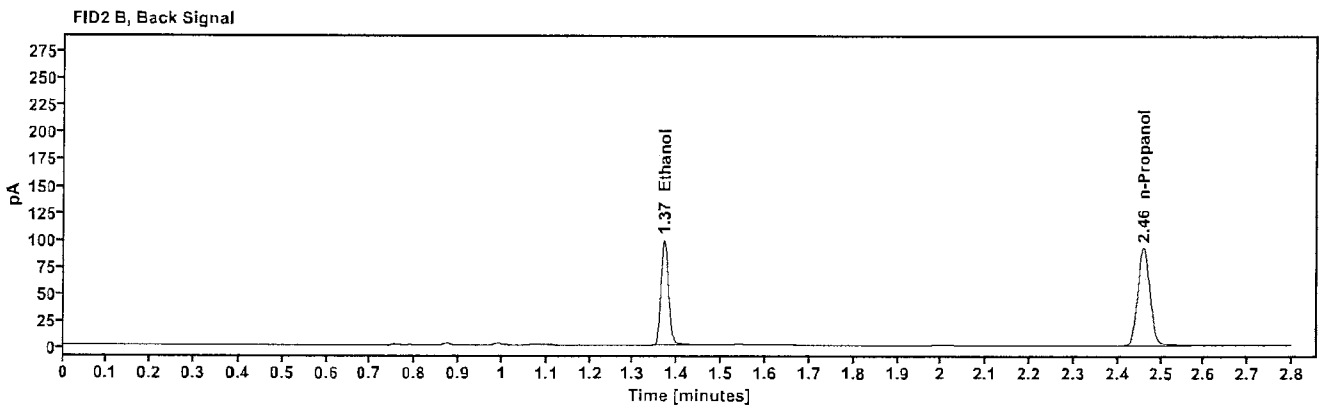
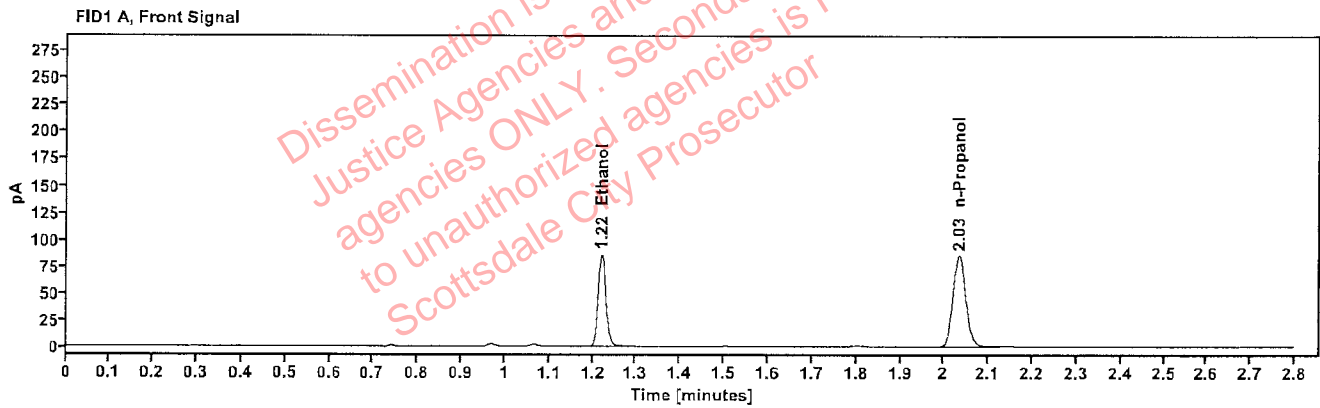


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1746	1.220	108.495
n-Propanol	-----	2.034	168.876

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

Compound	Time (min)	Peak Area
Ethanol	1.370	118.732
n-Propanol	2.459	183.030

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504682-2	Vial:	25
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 4:18:48 PM
Data file:	C:\Chem32\1\Data\12Mar25\25.D	Analyst:	Abbott

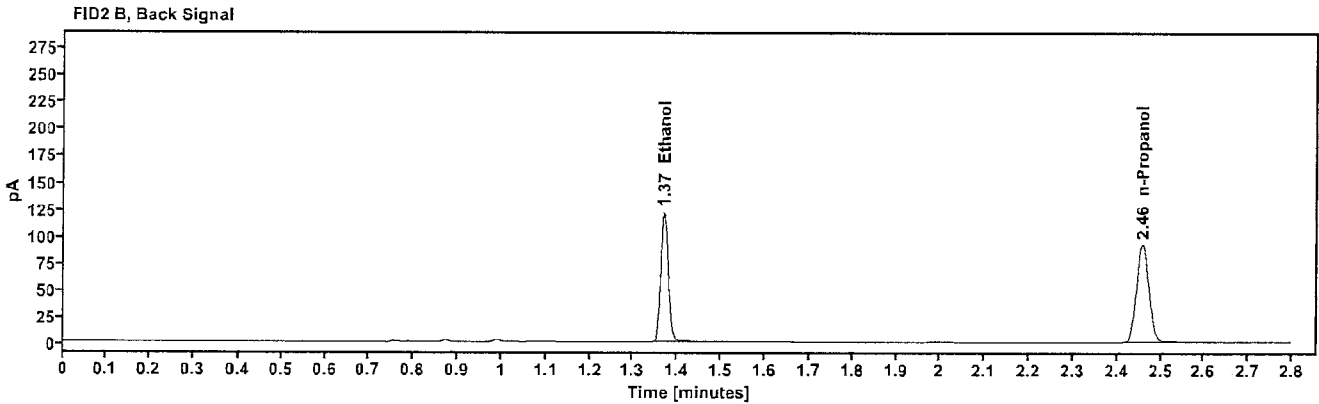
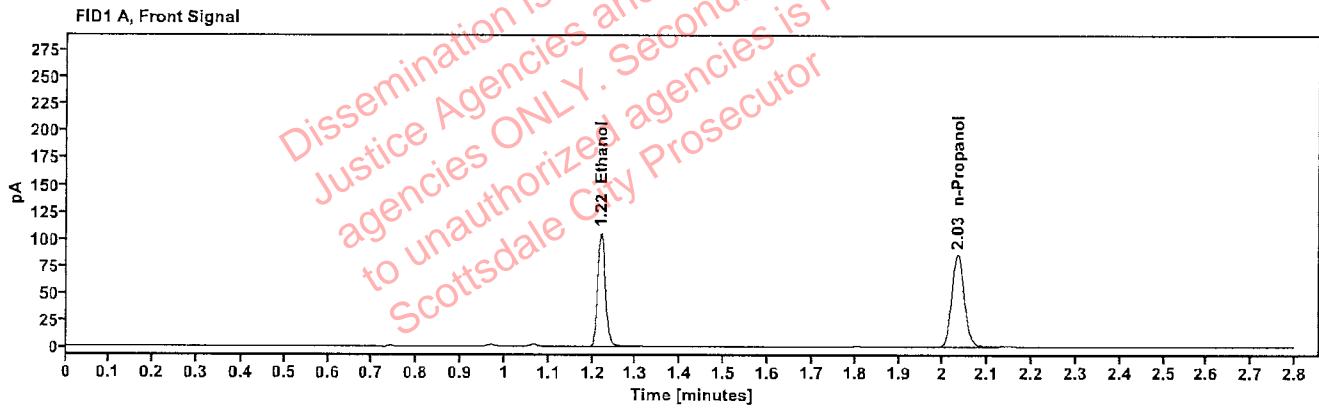


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2140	1.220	133.811
n-Propanol	-----	2.033	169.674

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

Compound	Time (min)	Peak Area
Ethanol	1.369	146.784
n-Propanol	2.458	183.957

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504682-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 4:22:48 PM
Data file:	C:\Chem32\1\Data\12Mar25\26.D	Analyst:	Abbott

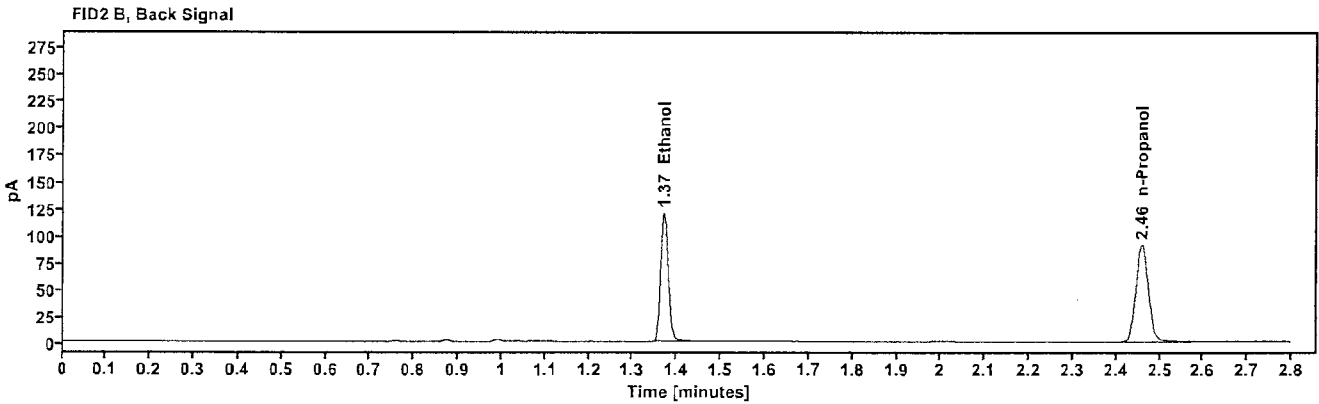
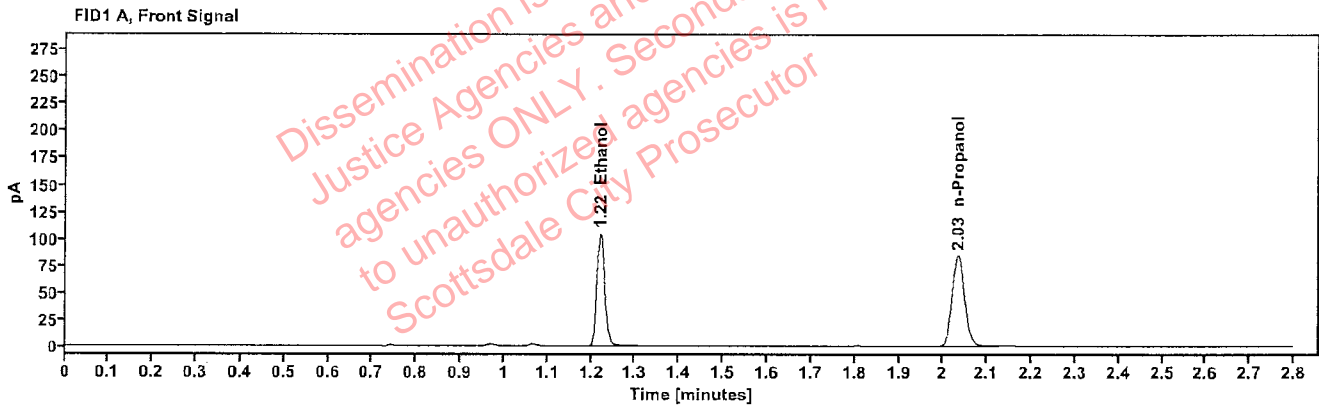


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2148	1.221	132.559
n-Propanol	---	2.034	167.514

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

Compound	Time (min)	Peak Area
Ethanol	1.370	145.375
n-Propanol	2.459	181.769

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504688-2	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 4:26:47 PM
Data file:	C:\Chem32\1\Data\12Mar25\27.D	Analyst:	Abbott

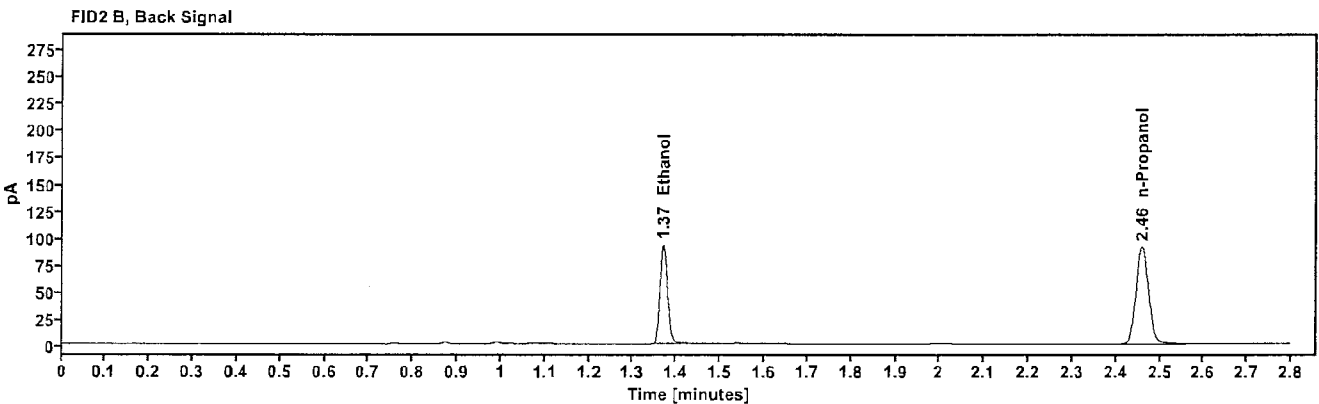
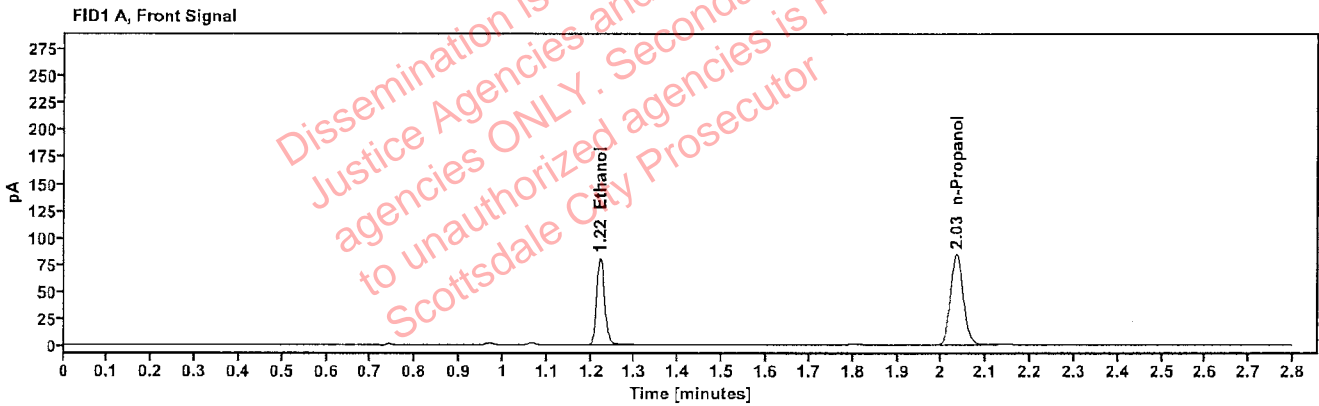


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1661	1.221	102.135
n-Propanol	-----	2.034	167.195

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

Compound	Time (min)	Peak Area
Ethanol	1.370	111.845
n-Propanol	2.459	182.434

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504688-2	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 4:30:48 PM
Data file:	C:\Chem32\1\Data\12Mar25\28.D	Analyst:	Abbott

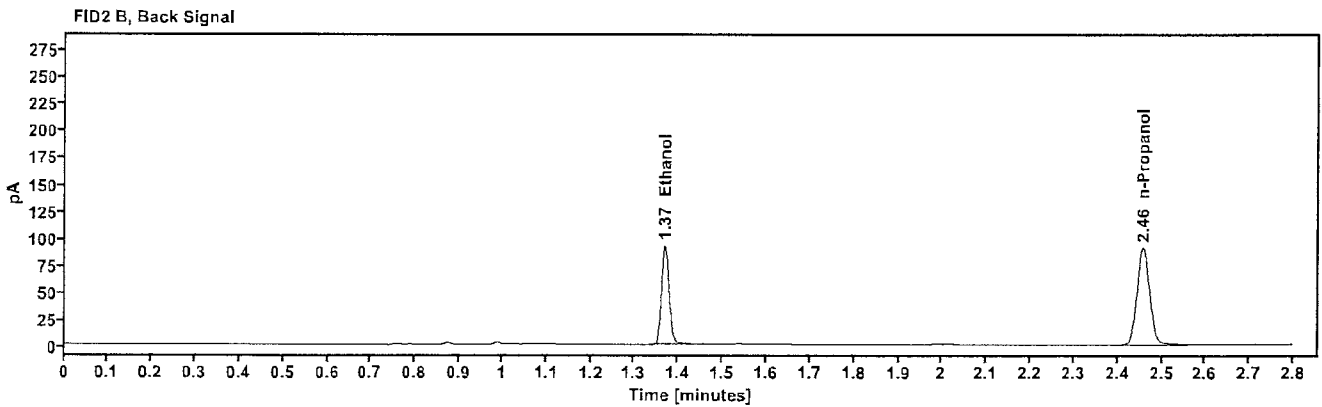
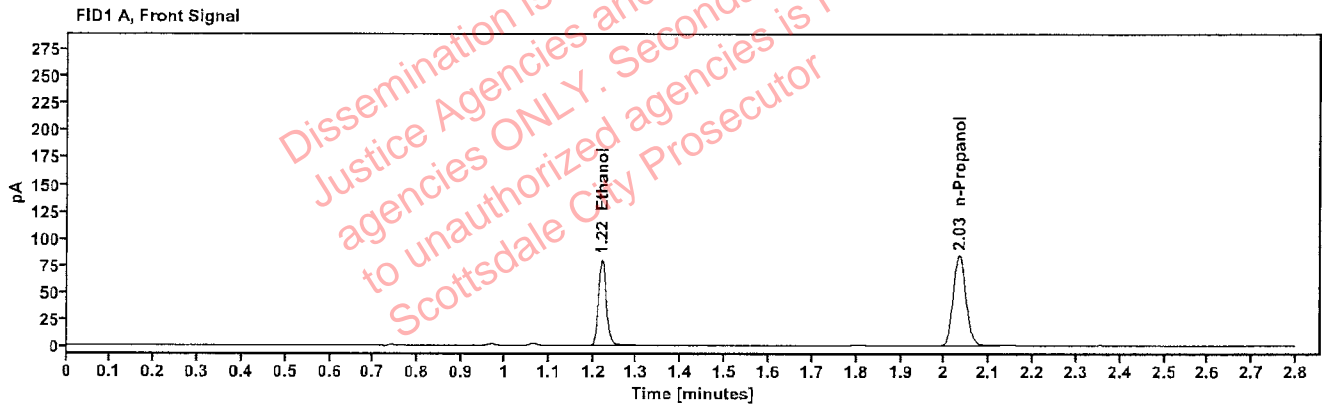


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1656	1.220	101.731
n-Propanol	-----	2.033	166.997

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

Compound	Time (min)	Peak Area
Ethanol	1.369	111.506
n-Propanol	2.458	182.241

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504887-3	Vial:	29
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 4:34:48 PM
Data file:	C:\Chem32\1\Data\12Mar25\29.D	Analyst:	Abbott

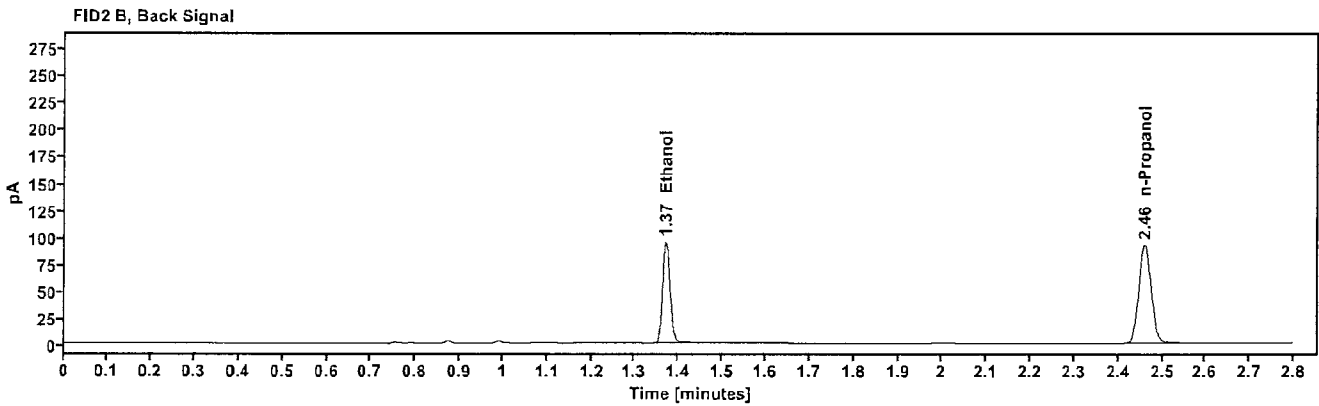
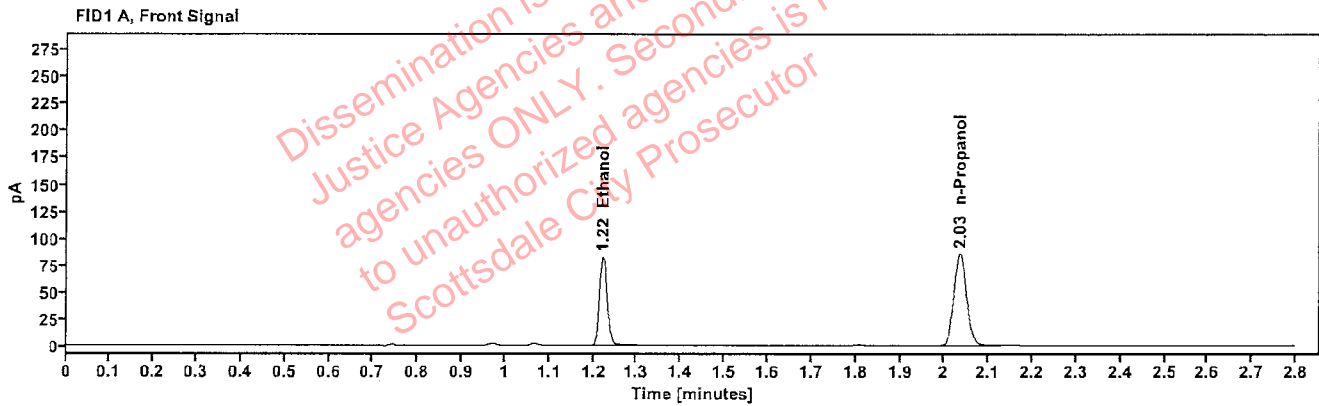


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1670	1.221	104.372
n-Propanol	-----	2.035	169.918

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

Compound	Time (min)	Peak Area
Ethanol	1.370	114.499
n-Propanol	2.460	184.253

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504887-3	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 4:38:47 PM
Data file:	C:\Chem32\1\Data\12Mar25\30.D	Analyst:	Abbott

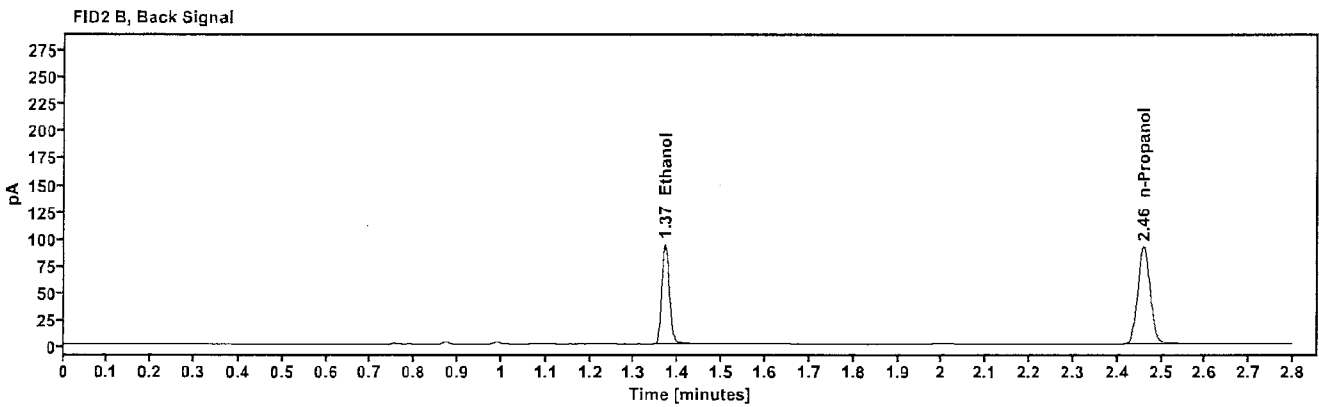
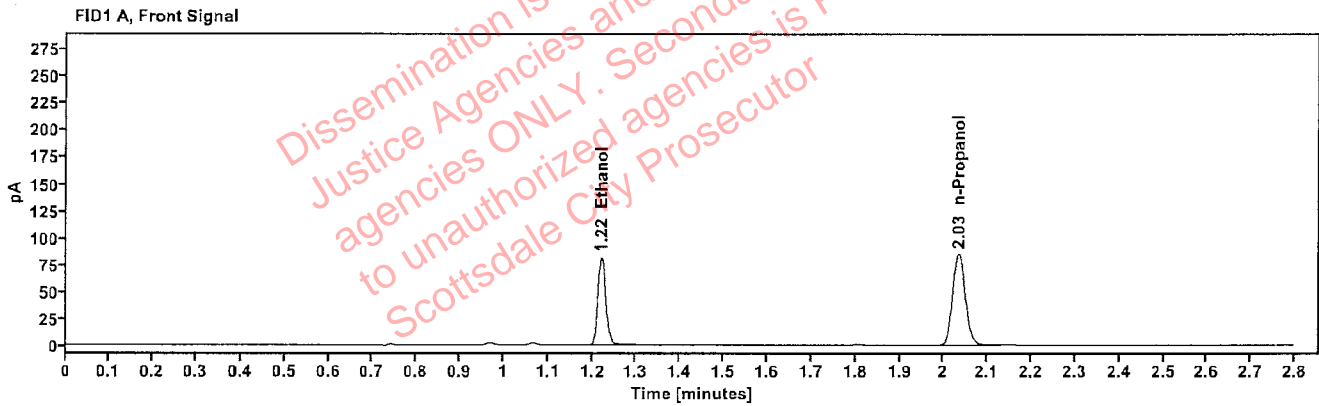


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1669	1.221	103.359
n-Propanol	-----	2.034	168.309

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

Compound	Time (min)	Peak Area
Ethanol	1.370	113.136
n-Propanol	2.459	182.383



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503418-1	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 4:47:02 PM
Data file:	C:\Chem32\1\Data\12Mar25\32.D	Analyst:	Abbott

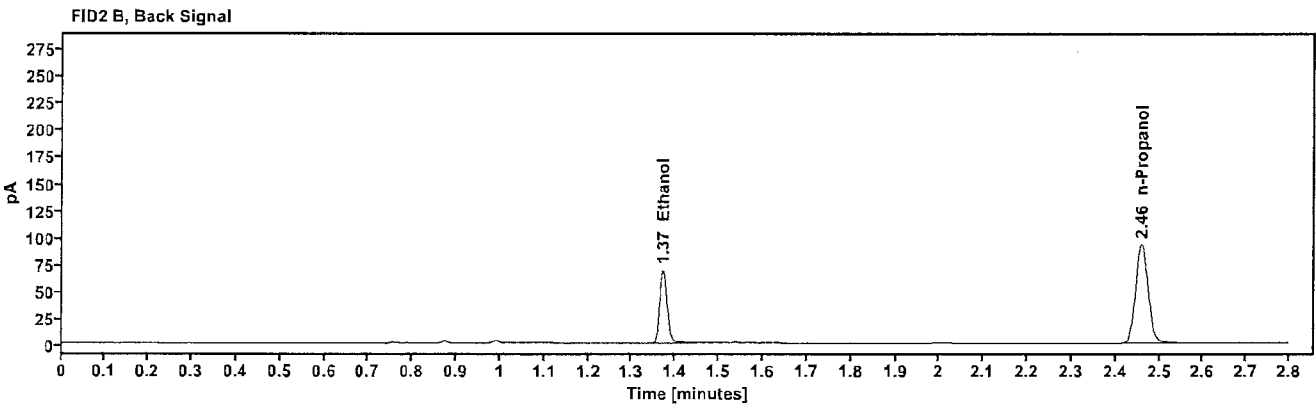
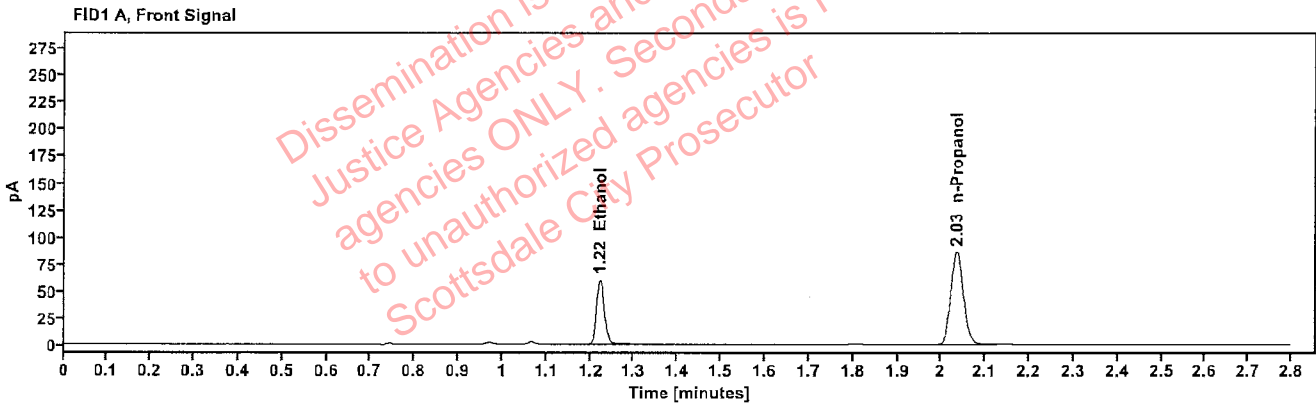


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1213	1.222	76.124
n-Propanol	-----	2.035	171.028

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

Compound	Time (min)	Peak Area
Ethanol	1.371	83.254
n-Propanol	2.460	185.601

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503418-1	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/12/2025 4:51:02 PM
Data file:	C:\Chem32\1\Data\12Mar25\33.D	Analyst:	Abbott

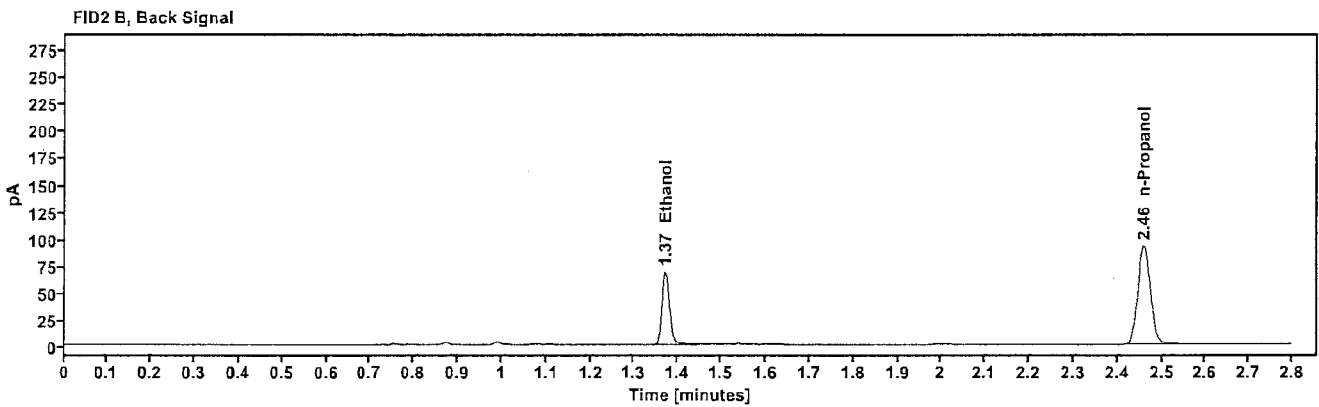
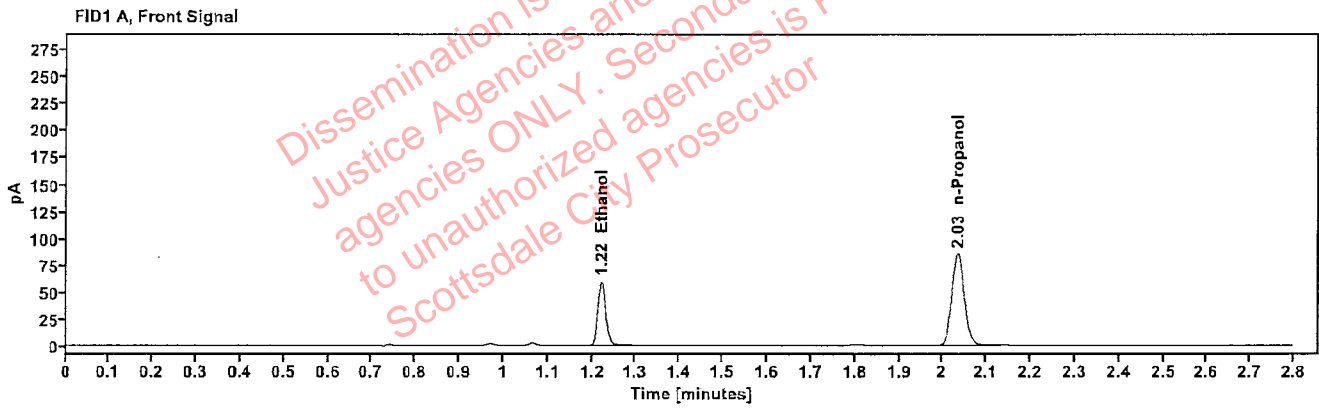


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1213	1.221	75.684
n-Propanol	----	2.034	170.077

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

Compound	Time (min)	Peak Area
Ethanol	1.370	82.659
n-Propanol	2.459	184.432

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4130622206/10	<b>Vial:</b> 34
<b>Description:</b> ACQ, 0.196	<b>LIMS ID:</b> verification
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 12Mar25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/12/2025 4:55:03 PM
<b>Data file:</b> C:\Chem32\1\Data\12Mar25\34.D	<b>Analyst:</b> Abbott <span style="float: right;">[Signature]</span>

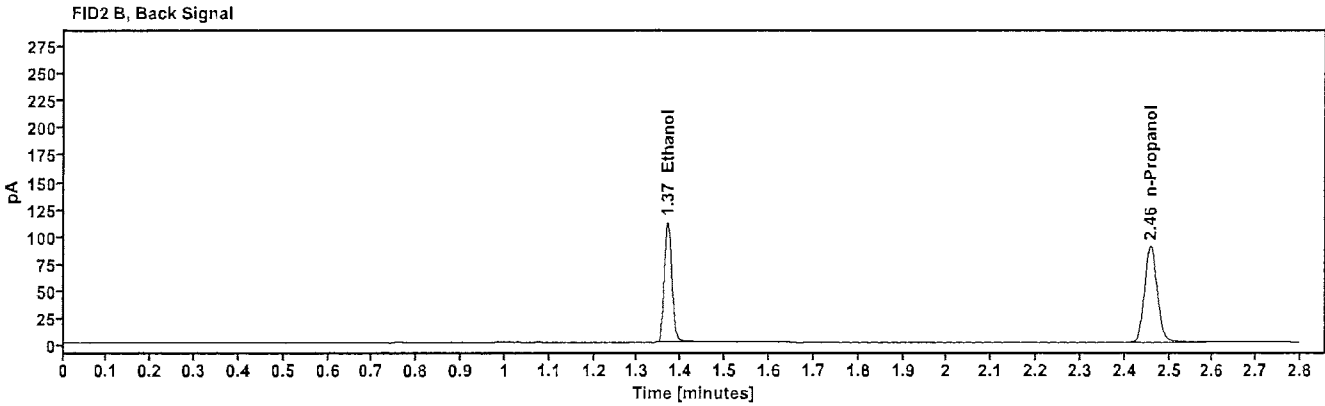
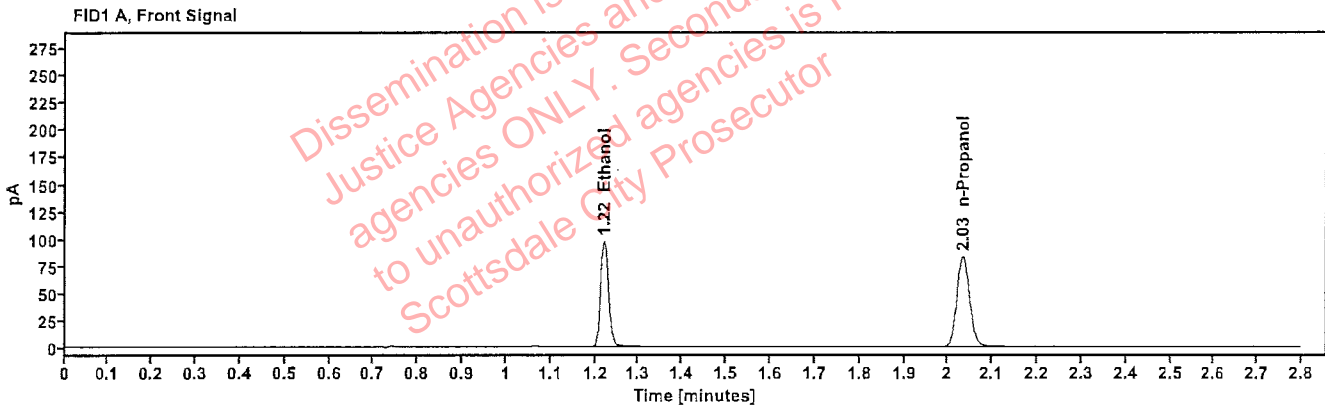


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2023	1.220	123.297
n-Propanol	---	2.033	165.438

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

Compound	Time (min)	Peak Area
Ethanol	1.369	135.682
n-Propanol	2.458	179.555

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4130622206/10	<b>Vial:</b> 35
<b>Description:</b> ACQ, 0.196	<b>LIMS ID:</b> verification
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 12Mar25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/12/2025 4:59:02 PM
<b>Data file:</b> C:\Chem32\1\Data\12Mar25\35.D	<b>Analyst:</b> Abbott

*JA*

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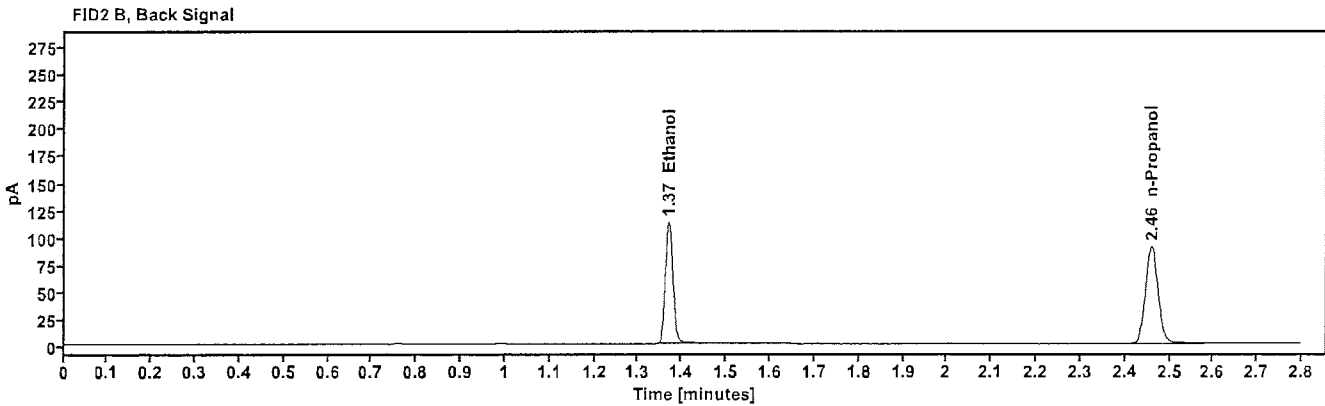
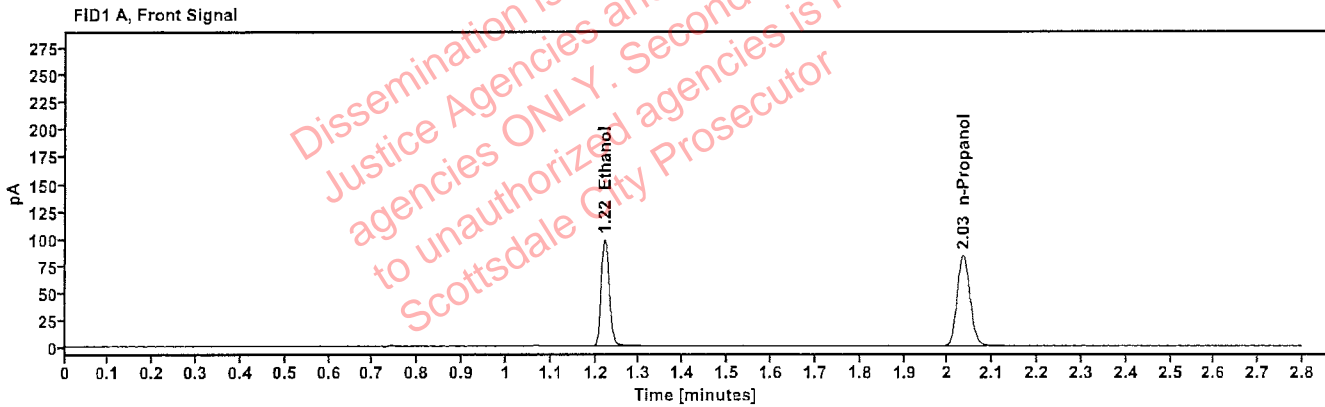


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2029	1.221	124.596
n-Propanol	-----	2.034	166.677

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

Compound	Time (min)	Peak Area
Ethanol	1.370	136.636
n-Propanol	2.459	180.714

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4130622206/10	<b>Vial:</b> 36
<b>Description:</b> ACQ, 0.196	<b>LIMS ID:</b> verification
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 12Mar25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/12/2025 5:03:02 PM
<b>Data file:</b> C:\Chem32\1\Data\12Mar25\36.D	<b>Analyst:</b> Abbott

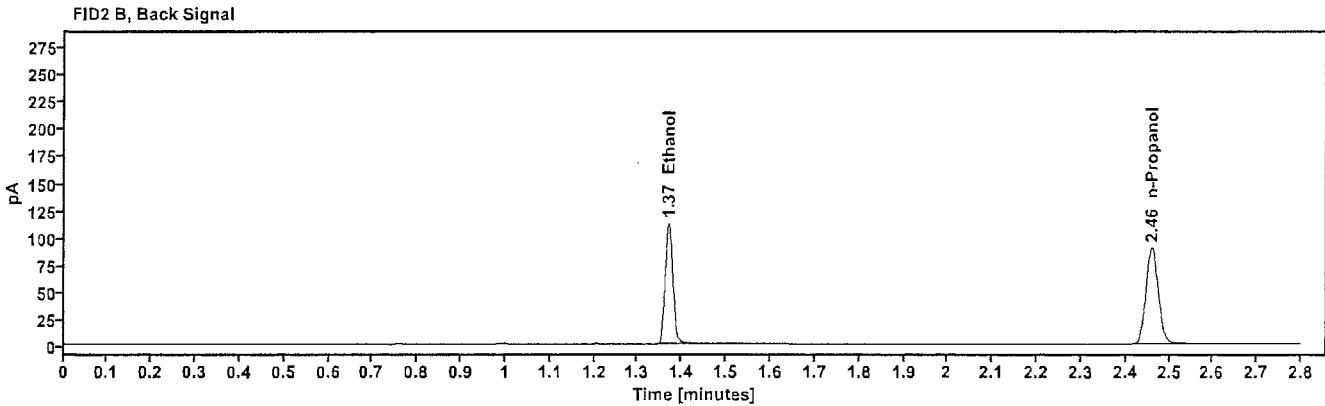
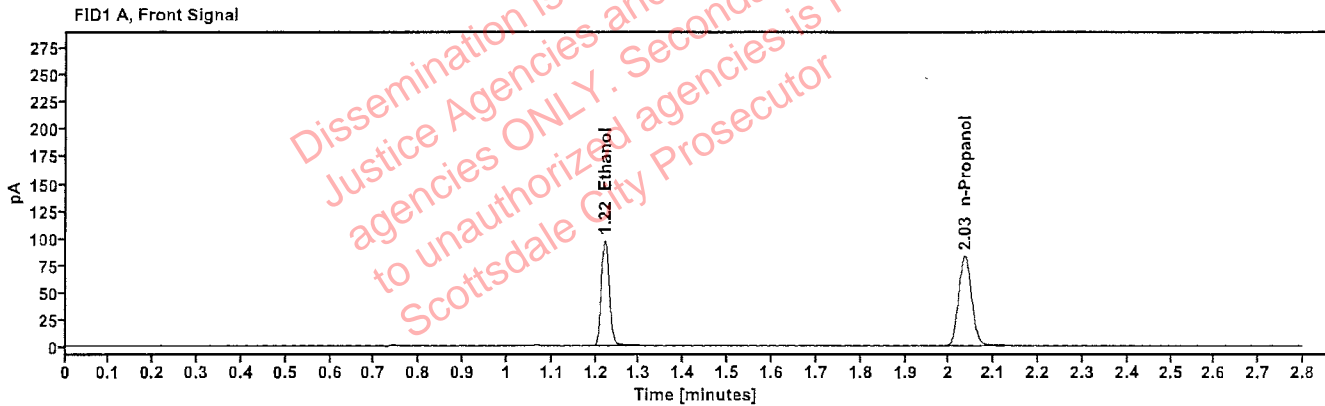


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2022	1.221	123.332
n-Propanol	---	2.035	165.576

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

Compound	Time (min)	Peak Area
Ethanol	1.370	135.143
n-Propanol	2.460	179.587

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4130622206/10	<b>Vial:</b> 37
<b>Description:</b> ACQ, 0.196	<b>LIMS ID:</b> verification
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 12Mar25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/12/2025 5:07:18 PM
<b>Data file:</b> C:\Chem32\1\Data\12Mar25\37.D	<b>Analyst:</b> Abbott <span style="float: right;"><i>Abbott</i></span>

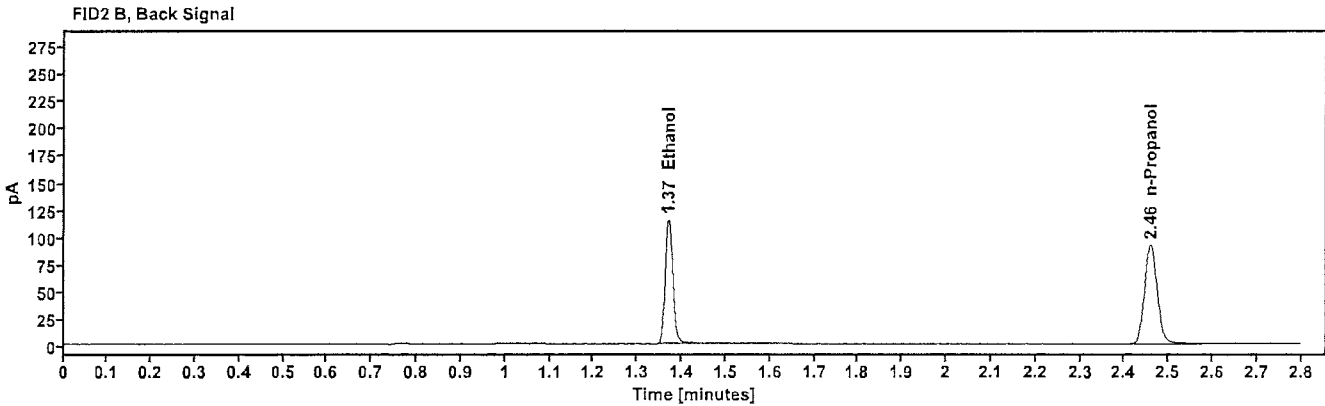
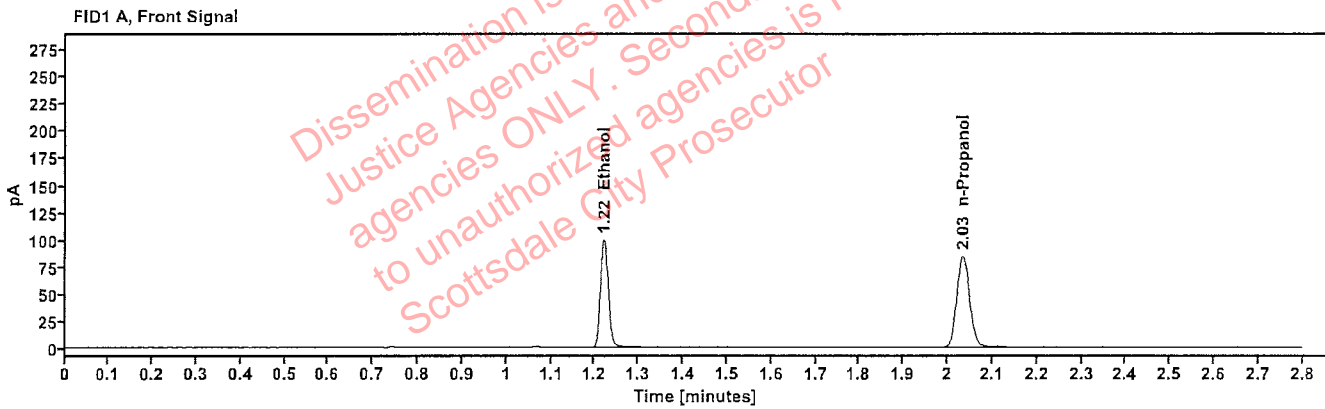


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2037	1.220	126.673
n-Propanol	-----	2.034	168.846

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

Compound	Time (min)	Peak Area
Ethanol	1.370	139.340
n-Propanol	2.459	182.920