

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 07/09/2024 SEQUENCE NAME 09Jul24

**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 0.99998  
 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 050624WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.405 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/11
20	Aqueous control	0.100 g/dL	0.102 g/dL	Lipomed 25052023-A
31	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 25052023-A
42	Aqueous control	0.100 g/dL	0.099 g/dL	Lipomed 25052023-A
53	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 30012020-A
54	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
55	Blood control	0.199 g/dL	0.208 g/dL	ACQ 4110320133/11
56	Blank	Not detected	Not detected	SPD lab 060724AQ

**SUBJECT SAMPLES**

Subjects in the sequence 20 Subjects requiring reanalysis 0

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

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

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

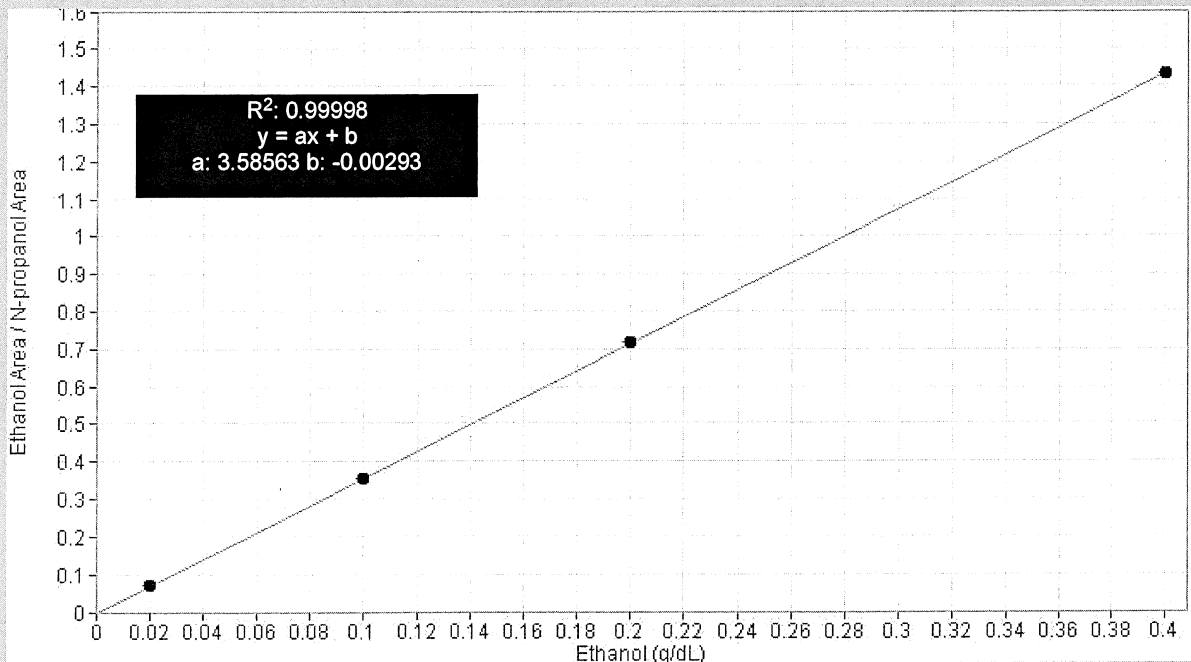
SEQUENCE NAME: 09Jul24

ANALYST: Abbott *BA*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 050624WB	5	negative	negative	-	-
0.400 30012020-A	7	0.405	0.400	1.25	0.005
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/11	9	0.203	0.199	2.01	0.004
0.100 25052023	20	0.102	0.100	2.00	0.002
0.100 25052023	31	0.101	0.100	1.00	0.001
0.100 25052023	42	0.099	0.100	1.00	-0.001
0.400 30012020-A	53	0.407	0.400	1.75	0.007
0.040 14082019-B	54	0.041	0.040	2.50	0.001
0.199 4110320133/11	55	0.208	0.199	4.52	0.009
blank 060724AQ	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.446	165.165	0.069
0.100	58.233	164.953	0.353
0.200	119.850	167.127	0.717
0.400	237.121	165.763	1.431

### Calibration Line



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN03122113	<b>Vial:</b>	1
<b>Description:</b>	0.020 calibrator	<b>Sequence:</b>	09Jul24
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	7/9/2024 12:33:08 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Abbott <i>ph</i>
<b>Data file:</b>	C:\Chem32\1\Data\09Jul24\1.D		

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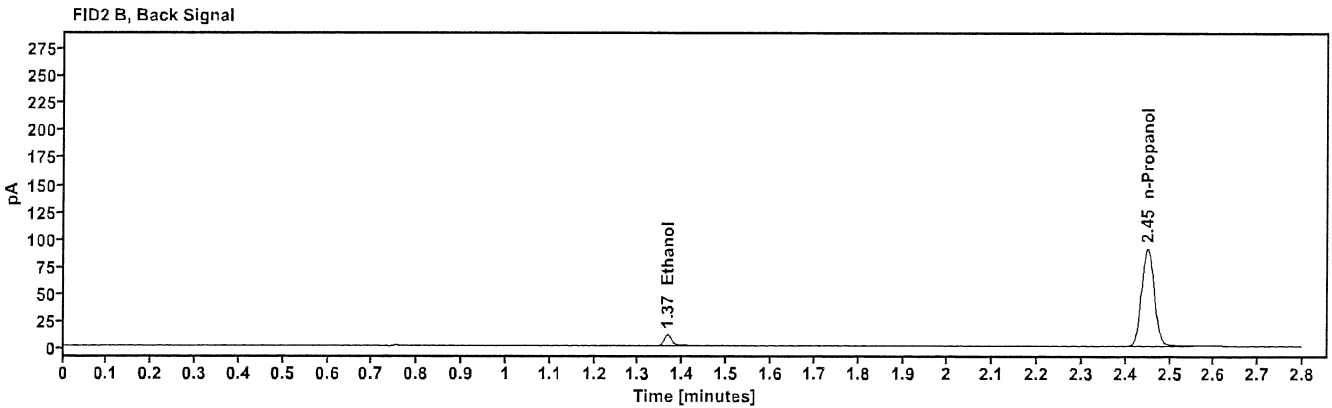
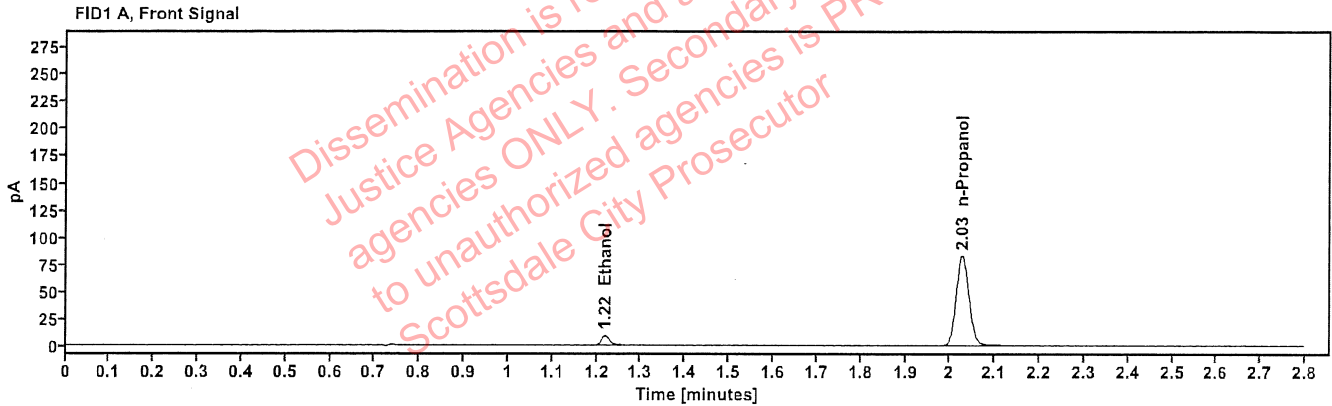


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.219	11.446
n-Propanol	2.027	165.165

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

Compound	Time (min)	Peak Area
Ethanol	1.365	12.523
n-Propanol	2.450	179.610

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03072301	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 09Jul24
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 7/9/2024 12:37:07 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>JA</i>
<b>Data file:</b> C:\Chem32\1\Data\09Jul24\2.D	

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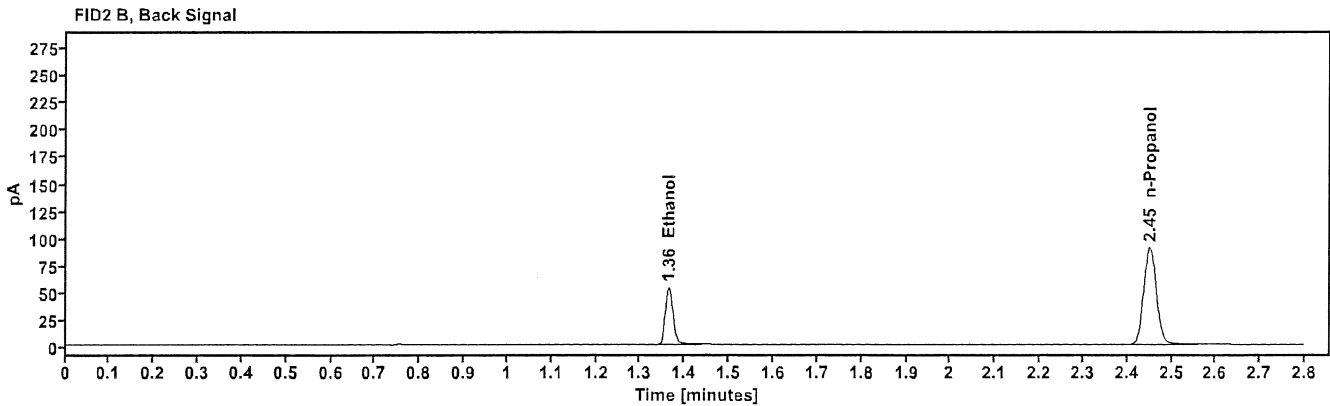
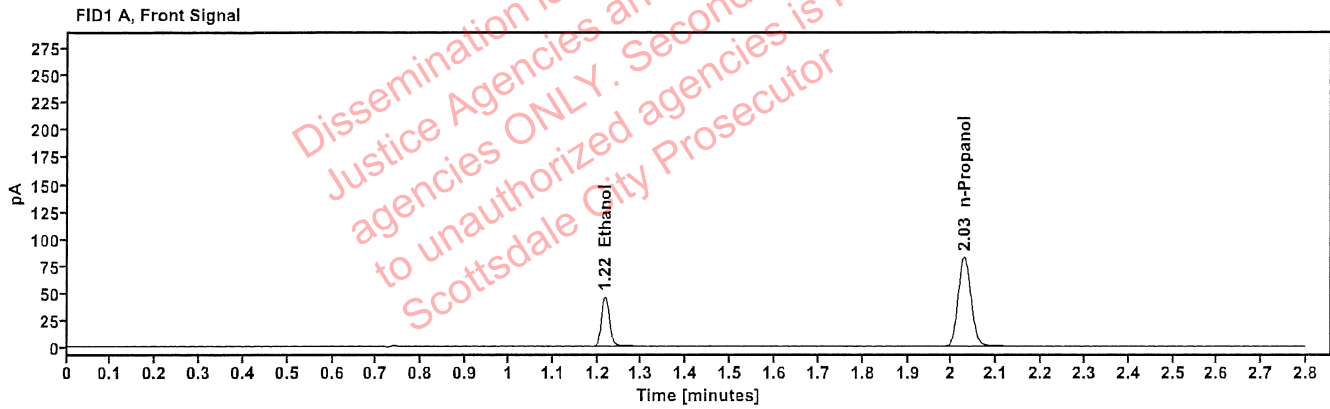


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	58.233
n-Propanol	2.028	164.953

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

Compound	Time (min)	Peak Area
Ethanol	1.364	63.963
n-Propanol	2.451	179.119

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN03132302	<b>Vial:</b>	3
<b>Description:</b>	0.200 calibrator	<b>Sequence:</b>	09Jul24
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	7/9/2024 12:41:07 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Abbott <i>dr</i>
<b>Data file:</b>	C:\Chem32\1\Data\09Jul24\3.D		

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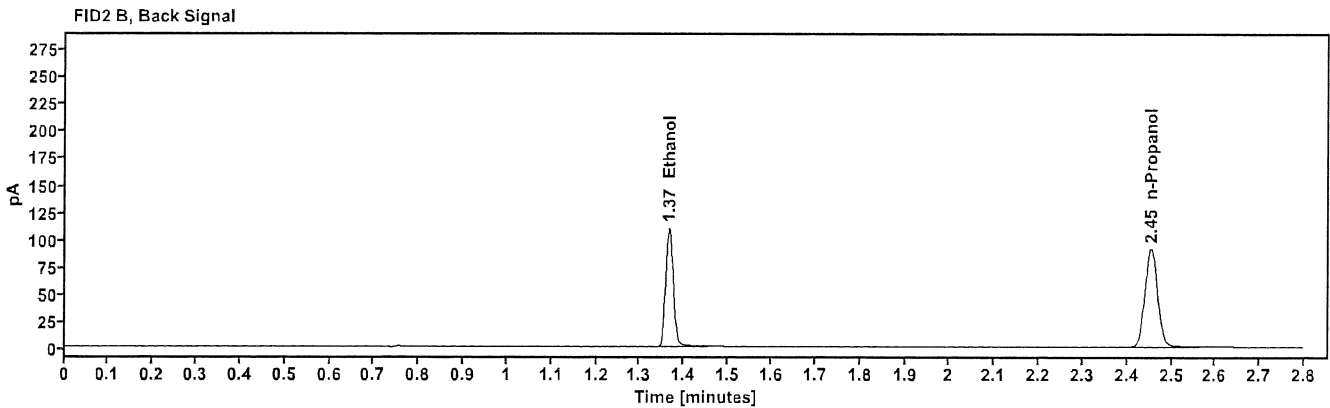
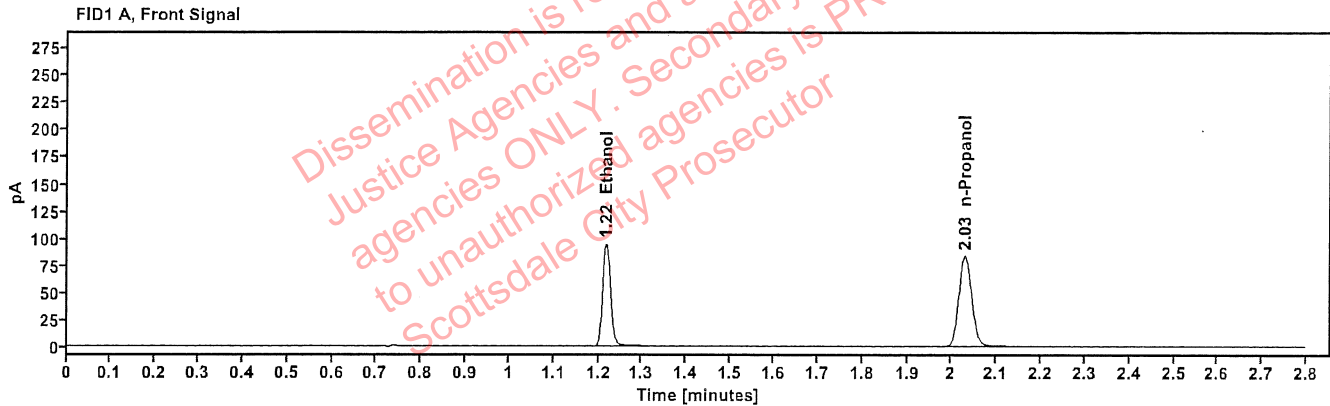


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	119.850
n-Propanol	2.030	167.127

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

Compound	Time (min)	Peak Area
Ethanol	1.366	131.864
n-Propanol	2.453	181.310

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN03052102	<b>Vial:</b>	4
<b>Description:</b>	0.400 calibrator	<b>Sequence:</b>	09Jul24
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	7/9/2024 12:45:07 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Abbott <i>dh</i>
<b>Data file:</b>	C:\Chem32\1\Data\09Jul24\4.D		

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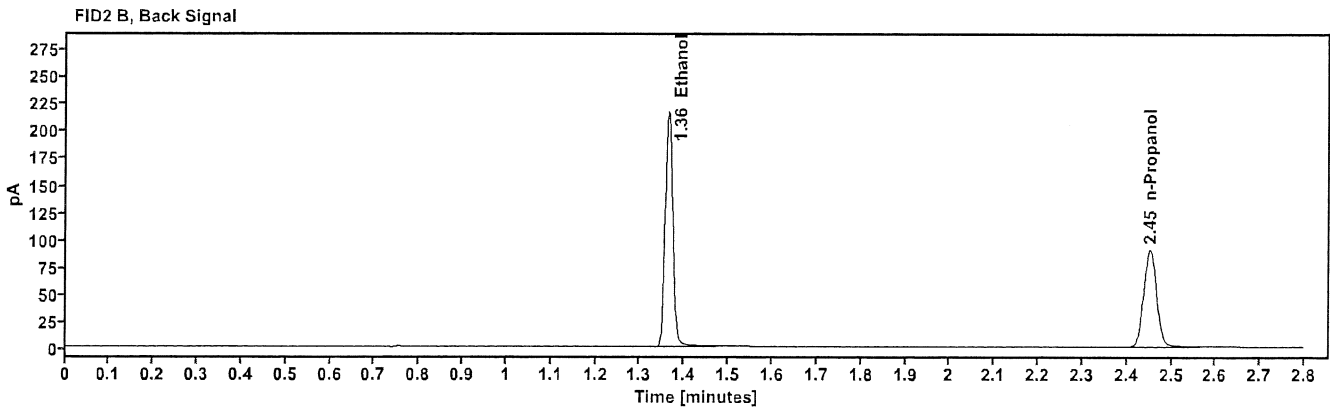
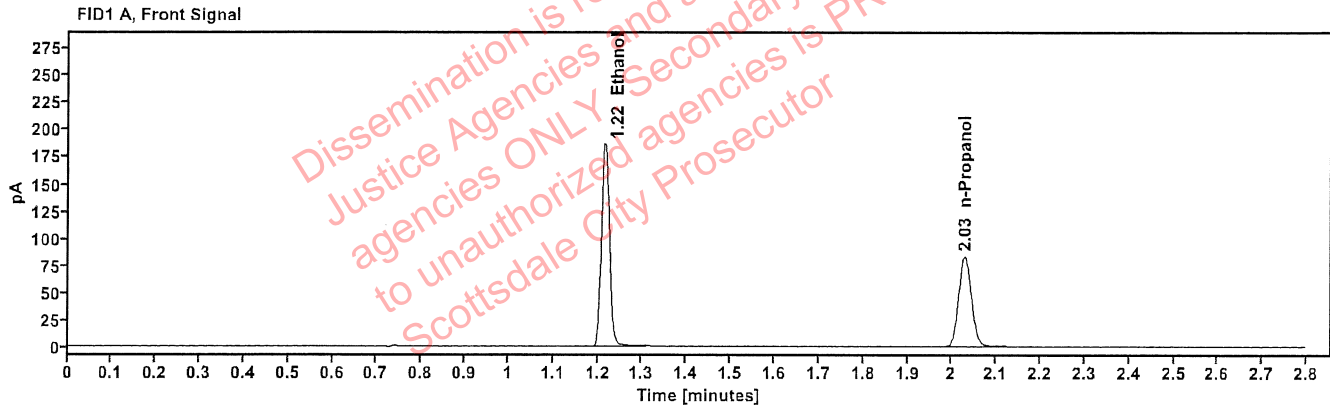


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.216	237.121
n-Propanol	2.028	165.763

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

Compound	Time (min)	Peak Area
Ethanol	1.364	261.433
n-Propanol	2.451	179.866

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 050624WB	<b>Vial:</b> 5
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 09Jul24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 7/9/2024 12:49:06 PM
<b>Data file:</b> C:\Chem32\1\Data\09Jul24\5.D	<b>Analyst:</b> Abbott <i>Abbott</i>

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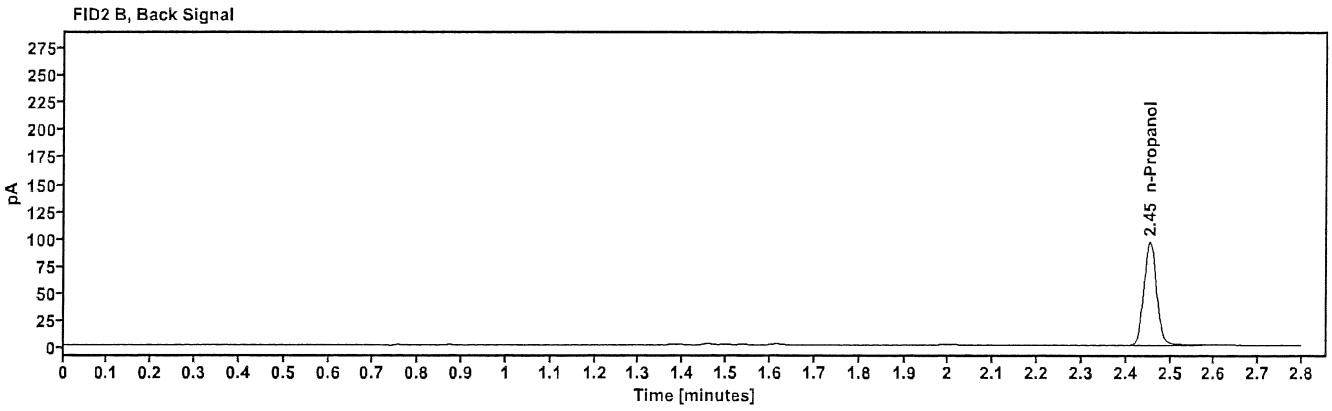
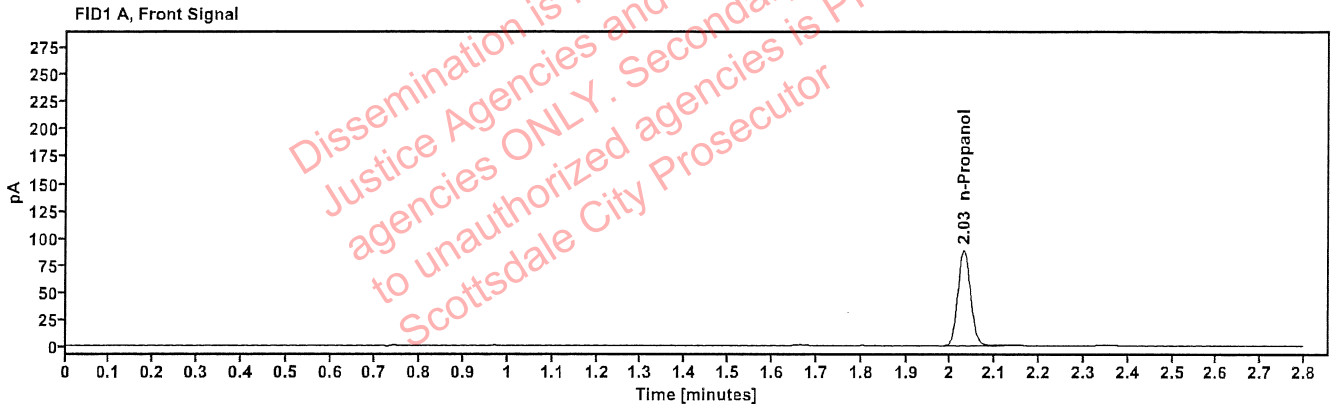


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.030	175.919

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

Compound	Time (min)	Peak Area
n-Propanol	2.454	191.373

# 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> 09Jul24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 7/9/2024 12:53:07 PM
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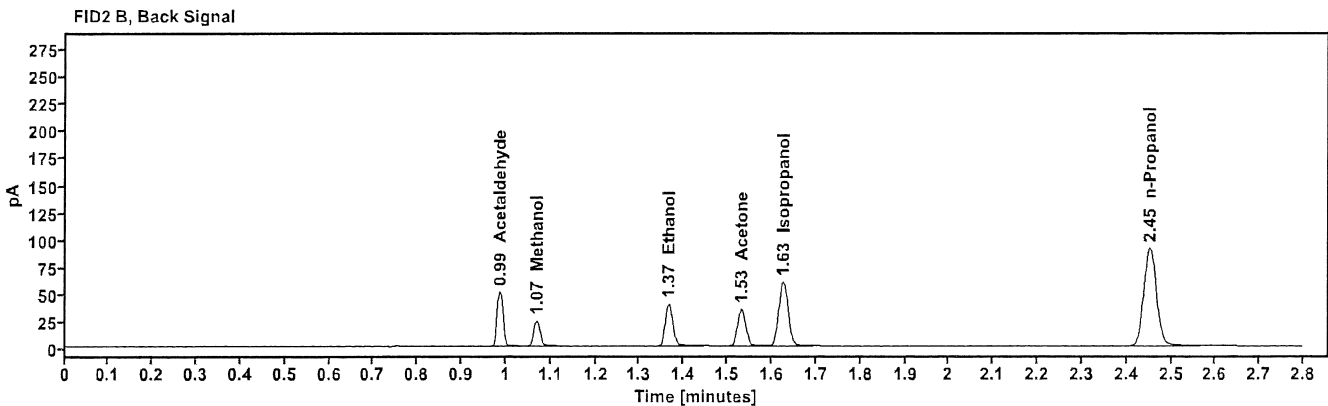
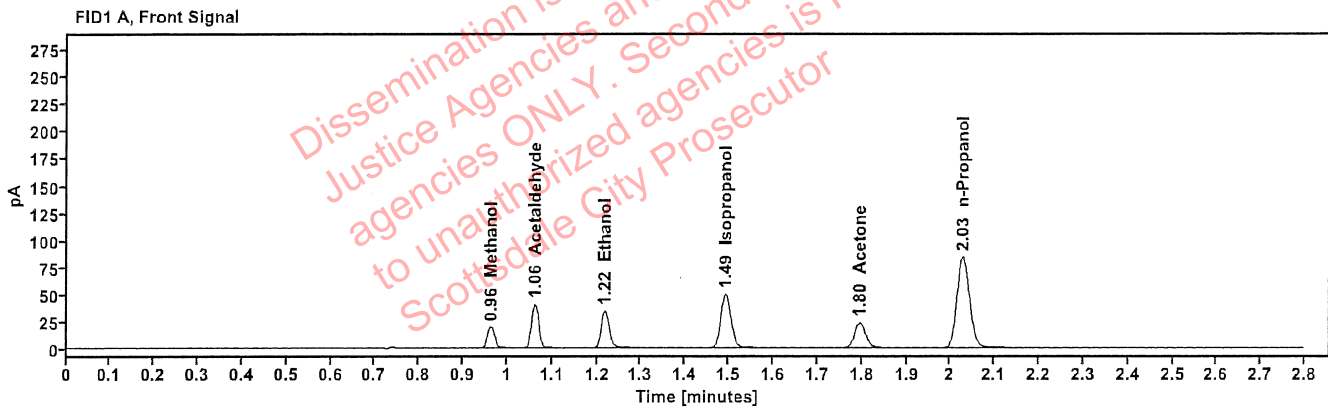


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.962	22.293
Acetaldehyde	-----	1.061	44.764
>Ethanol	0.0731	1.218	43.506
Isopropanol	-----	1.493	79.679
Acetone	-----	1.796	40.353
n-Propanol	-----	2.029	167.800

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	50.154
Methanol	1.068	24.877
Ethanol	1.365	47.820
Acetone	1.531	44.448
Isopropanol	1.626	87.937
n-Propanol	2.452	181.815



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 30012020-A	<b>Vial:</b> 7
<b>Description:</b> 0.400	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 09Jul24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 7/9/2024 12:57:22 PM
<b>Data file:</b> C:\Chem32\1\Data\09Jul24\7.D	<b>Analyst:</b> Abbott <span style="float: right;"><i>Abbott</i></span>

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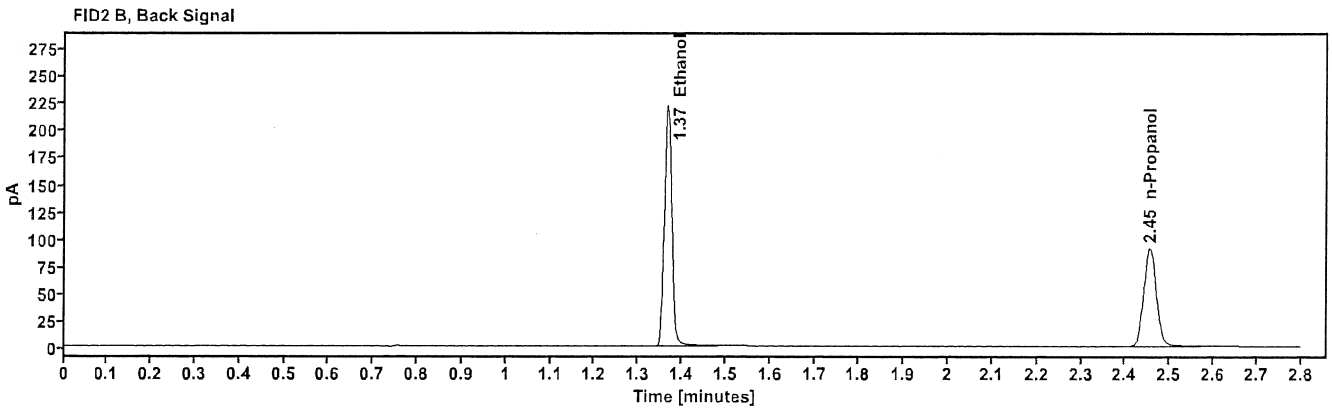
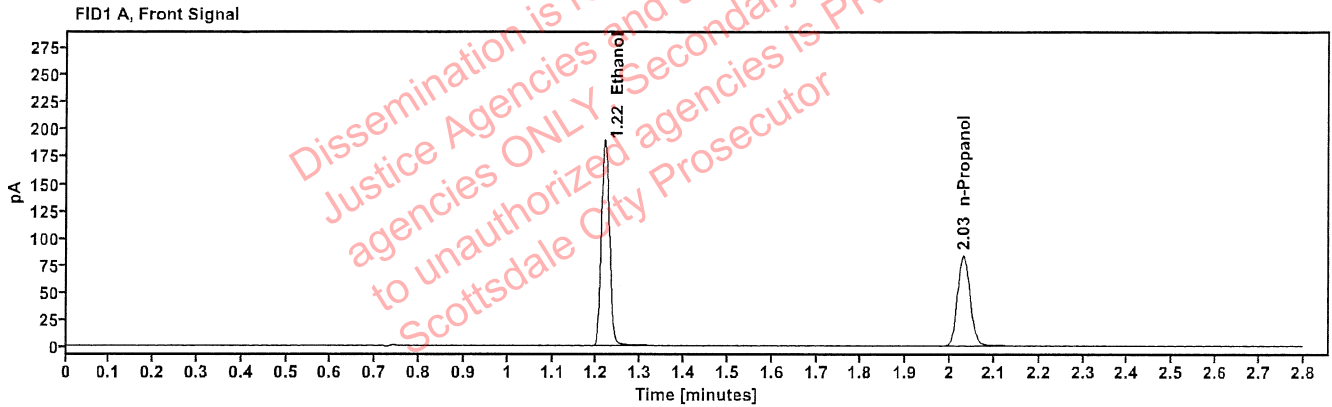


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4058	1.218	241.904
n-Propanol	-----	2.030	166.583

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

Compound	Time (min)	Peak Area
Ethanol	1.367	266.991
n-Propanol	2.455	180.822

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 09Jul24
Instrument: US14173023 CN14160045	Injection date: 7/9/2024 1:01:22 PM
Data file: C:\Chem32\1\Data\09Jul24\8.D	Analyst: Abbott <span style="float: right;">DH</span>

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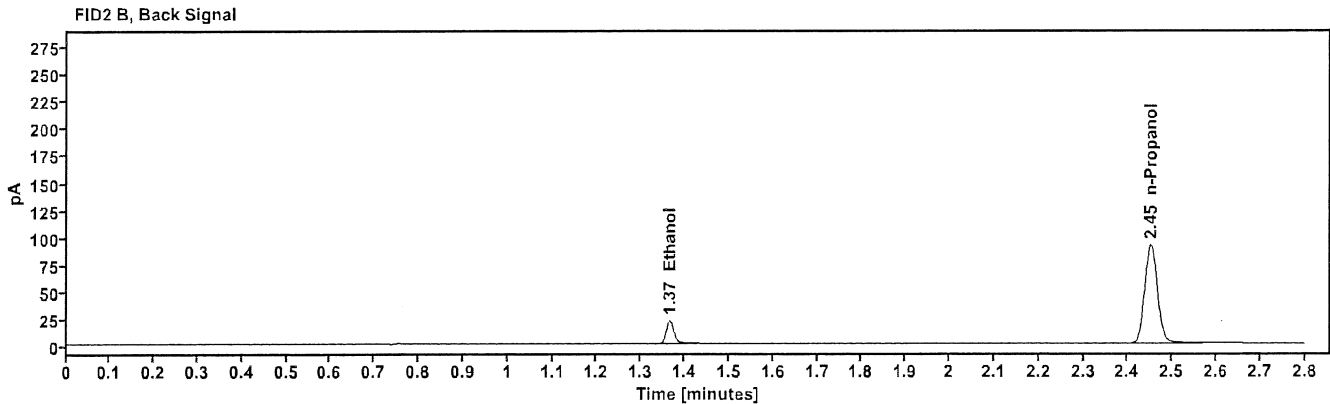
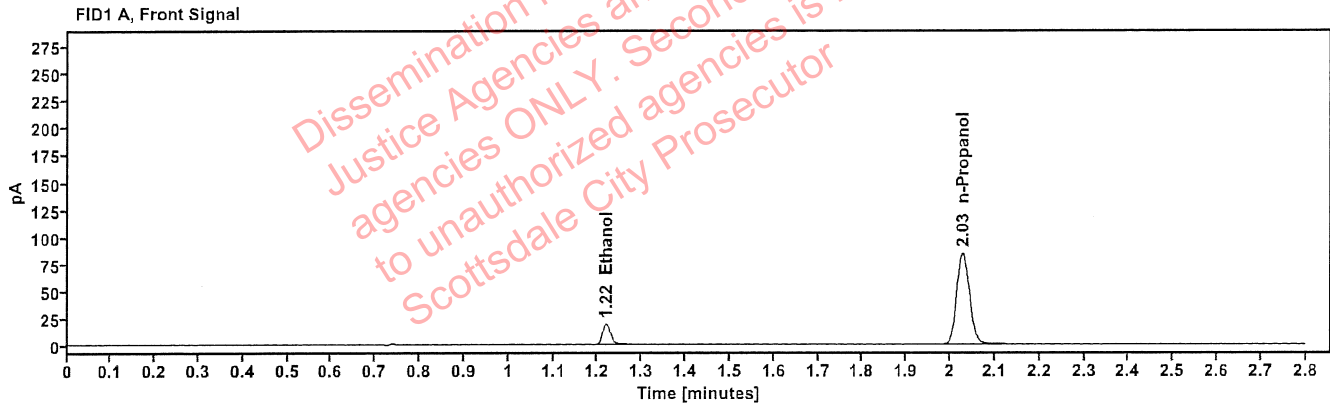


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0403	1.218	23.841
n-Propanol	-----	2.028	168.526

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

Compound	Time (min)	Peak Area
Ethanol	1.366	26.056
n-Propanol	2.451	182.637

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/11	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:05:22 PM
Data file:	C:\Chem32\1\Data\09Jul24\9.D	Analyst:	Abbott <i>ah</i>

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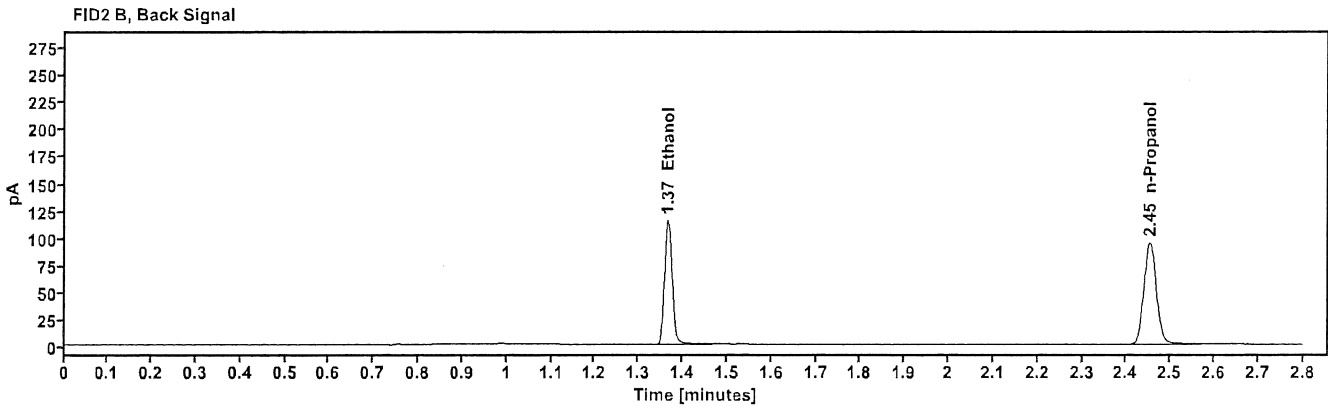
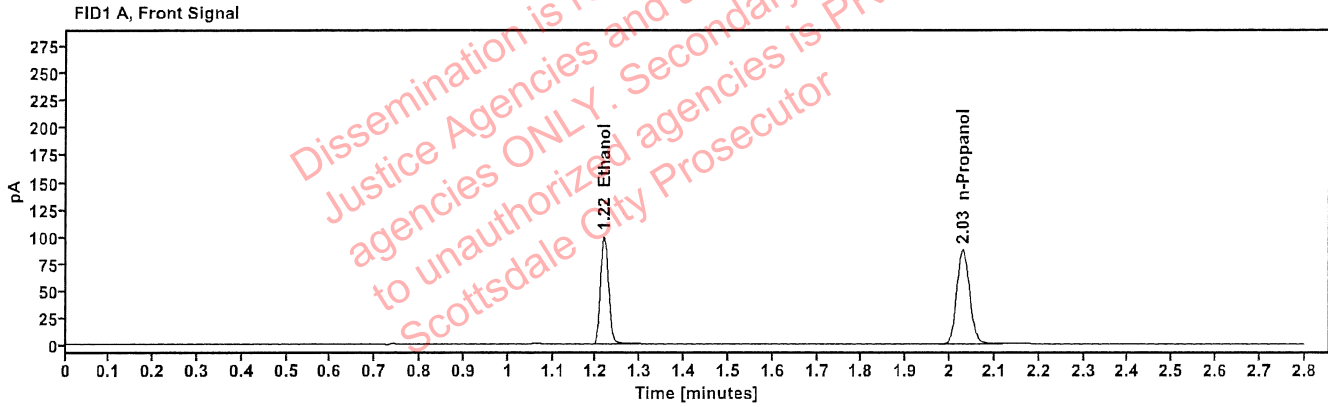


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.217	126.382
n-Propanol	-----	2.029	173.774

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

Compound	Time (min)	Peak Area
Ethanol	1.366	139.276
n-Propanol	2.453	188.682

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 25052023-A	<b>Vial:</b> 20
<b>Description:</b> 0.100	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 09Jul24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 7/9/2024 1:49:52 PM
<b>Data file:</b> C:\Chem32\1\Data\09Jul24\20.D	<b>Analyst:</b> Abbott

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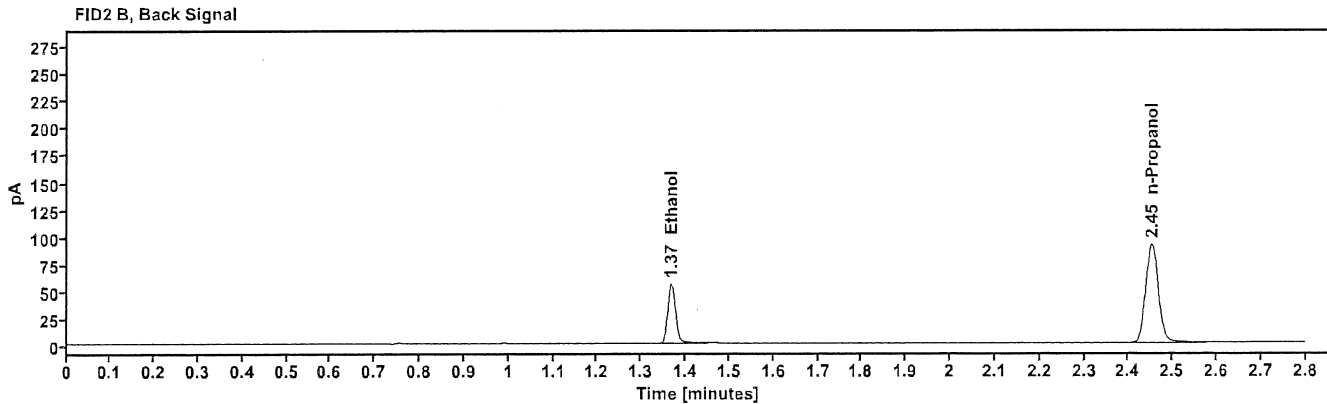
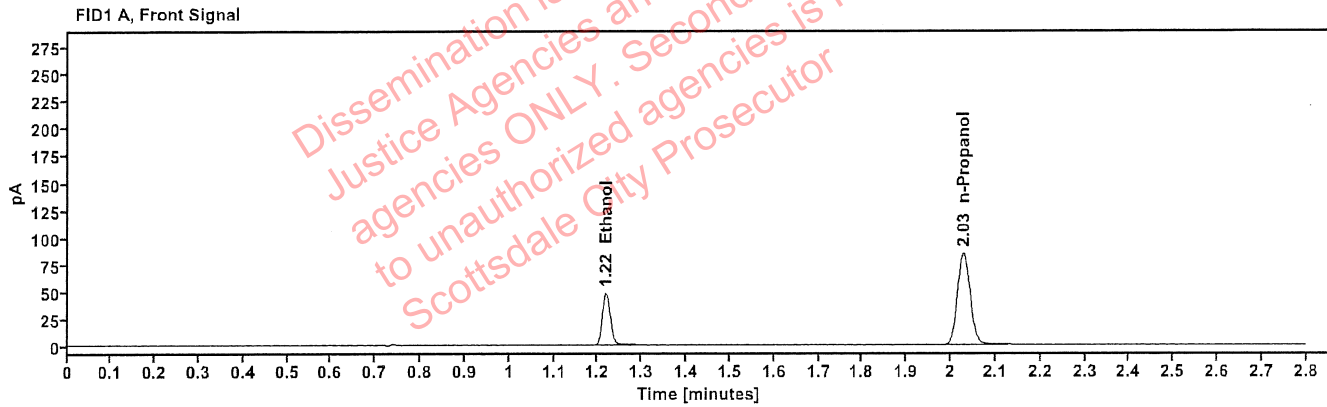


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1020	1.218	61.536
n-Propanol	-----	2.028	169.566

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

Compound	Time (min)	Peak Area
Ethanol	1.367	67.385
n-Propanol	2.452	183.839

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 25052023-A	Vial: 31
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 09Jul24
Instrument: US14173023 CN14160045	Injection date: 7/9/2024 2:34:22 PM
Data file: C:\Chem32\1\Data\09Jul24\31.D	Analyst: Abbott

*AK*

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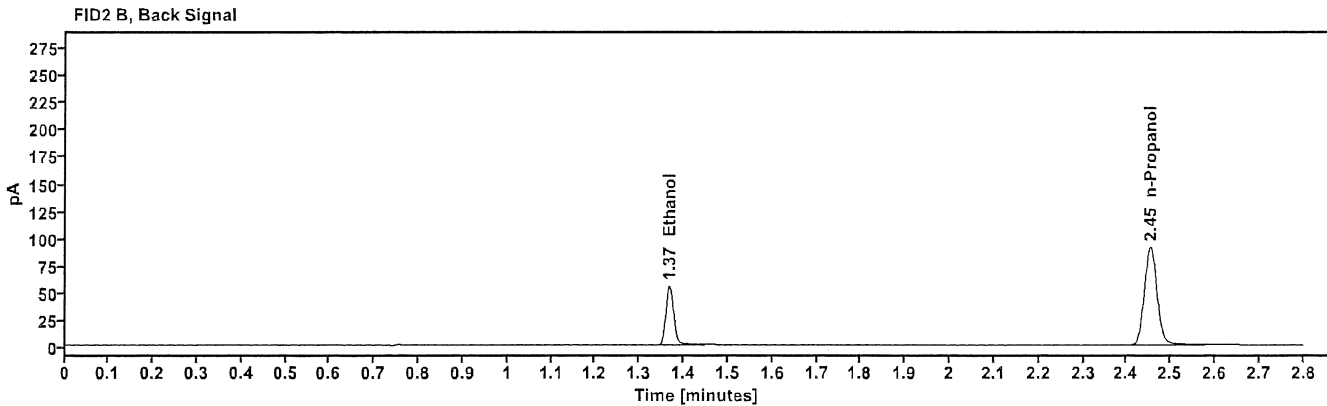
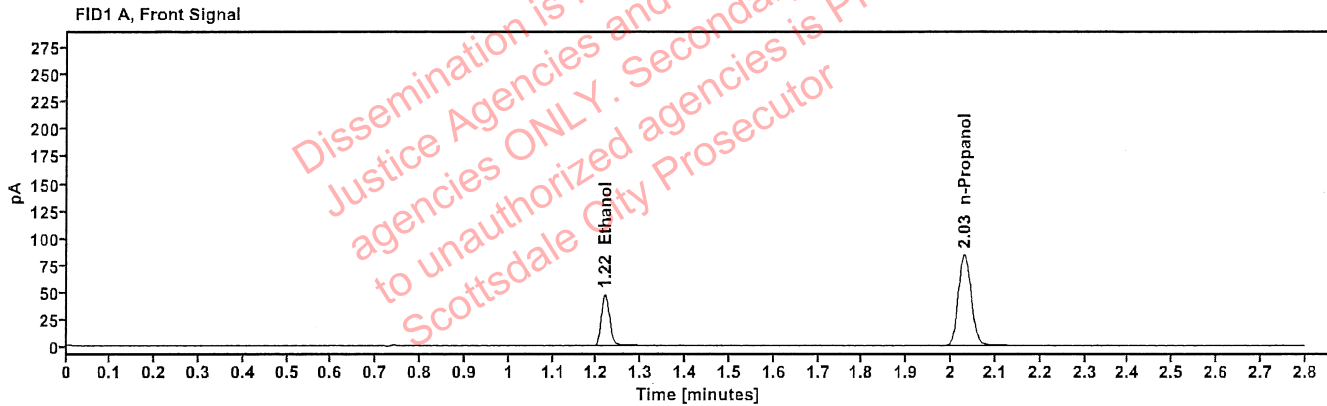


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1010	1.219	60.565
n-Propanol	-----	2.030	168.583

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

Compound	Time (min)	Peak Area
Ethanol	1.367	66.358
n-Propanol	2.454	182.287

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 25052023-A	Vial: 42
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 09Jul24
Instrument: US14173023 CN14160045	Injection date: 7/9/2024 3:18:36 PM
Data file: C:\Chem32\1\Data\09Jul24\42.D	Analyst: Abbott <span style="float: right;">JA</span>

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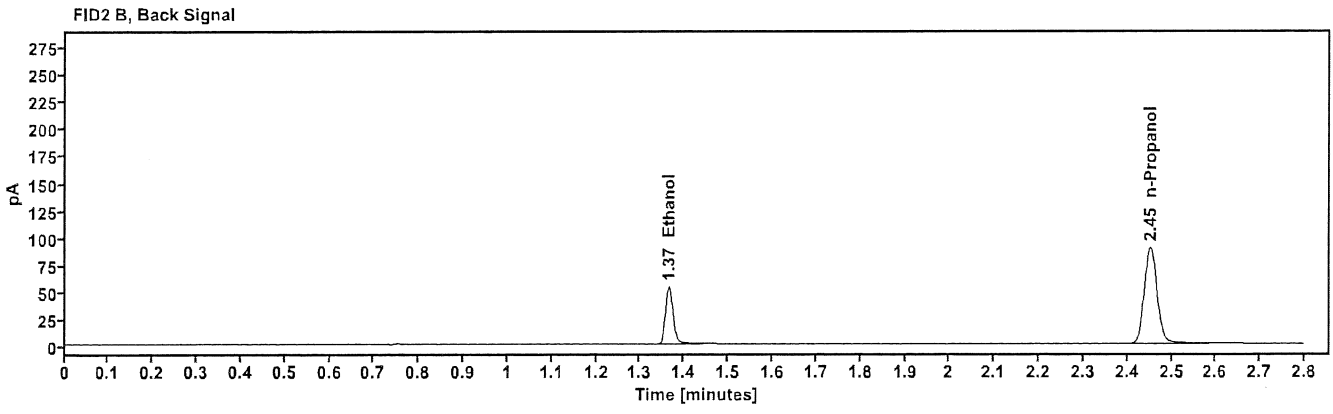
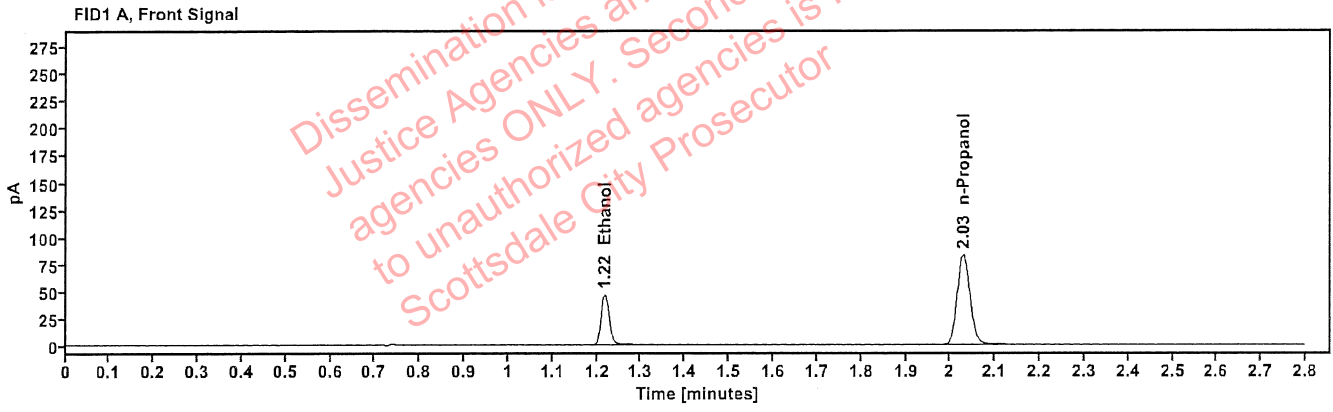


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0999	1.217	59.165
n-Propanol	-----	2.029	166.458

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

Compound	Time (min)	Peak Area
Ethanol	1.365	64.658
n-Propanol	2.452	180.118

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 30012020-A	<b>Vial:</b> 53
<b>Description:</b> 0.400	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 09Jul24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 7/9/2024 4:03:07 PM
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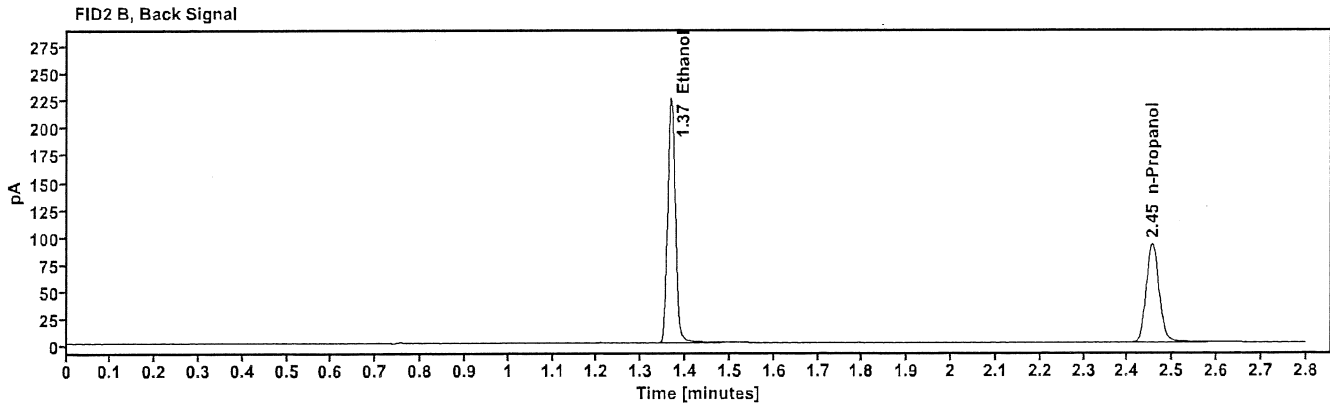
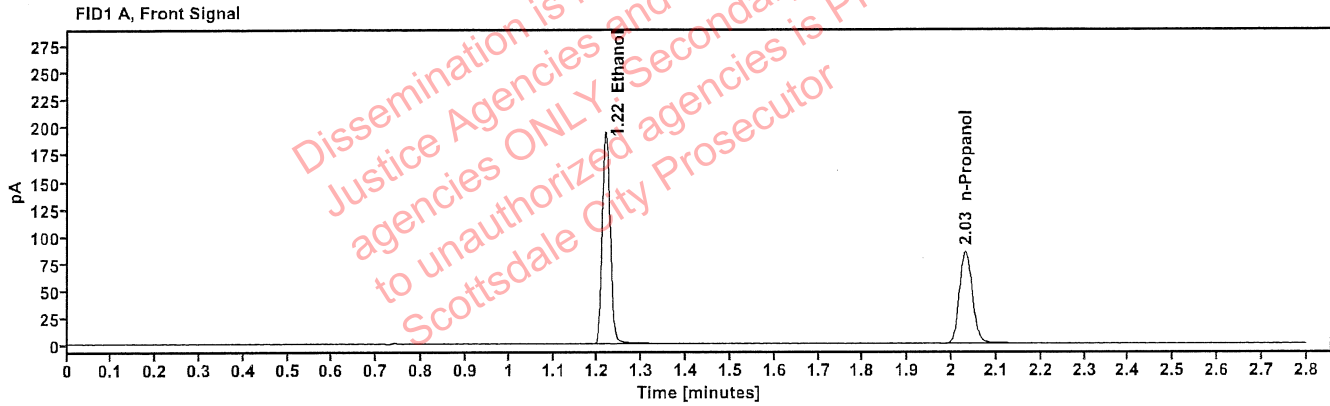


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4078	1.218	248.251
n-Propanol	-----	2.031	170.106

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

Compound	Time (min)	Peak Area
Ethanol	1.367	273.487
n-Propanol	2.455	183.995

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 54
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 09Jul24
Instrument: US14173023 CN14160045	Injection date: 7/9/2024 4:07:07 PM
Data file: C:\Chem32\1\Data\09Jul24\54.D	Analyst: Abbott

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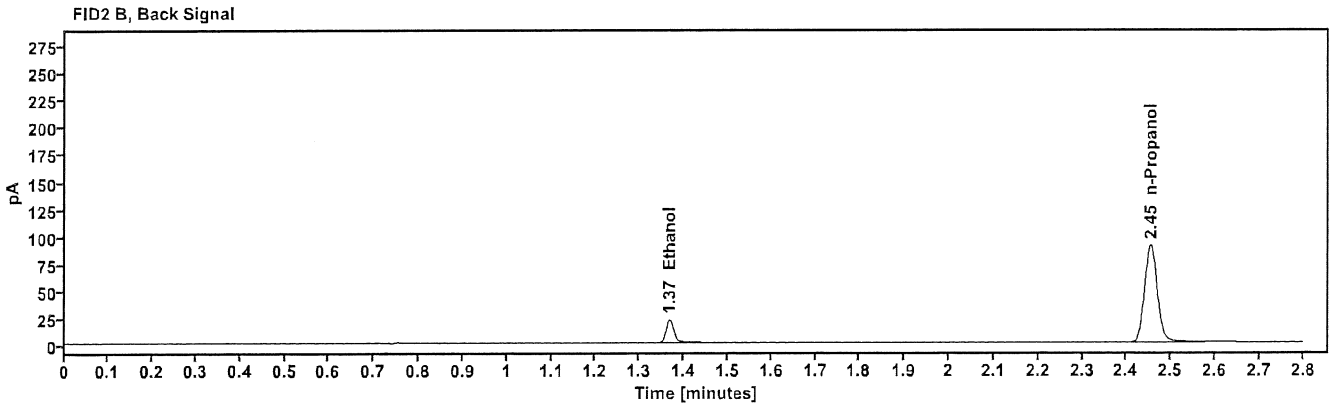
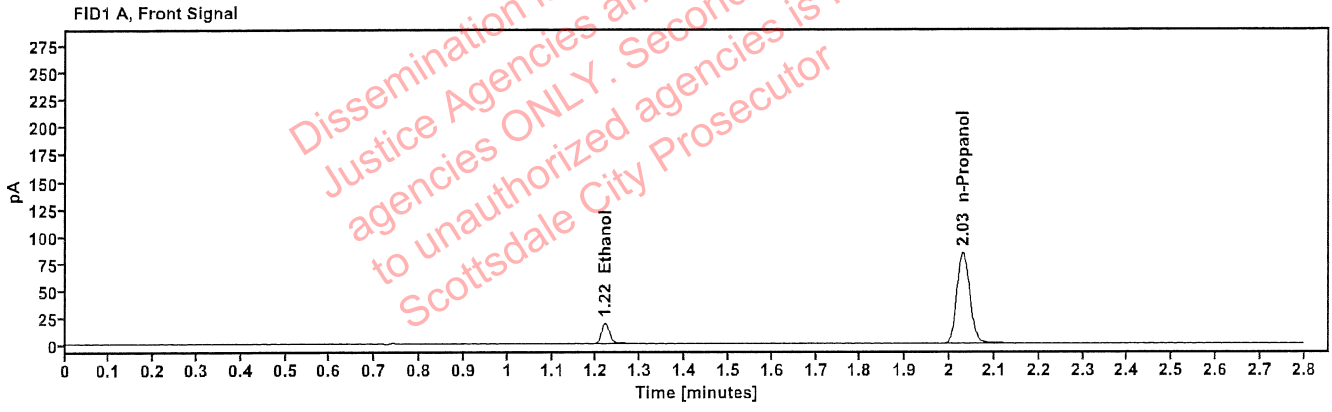


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.219	24.255
n-Propanol	-----	2.030	168.002

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

Compound	Time (min)	Peak Area
Ethanol	1.368	26.492
n-Propanol	2.454	181.704



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/11	Vial:	55
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 4:11:22 PM
Data file:	C:\Chem32\1\Data\09Jul24\55.D	Analyst:	Abbott

*Abbott*

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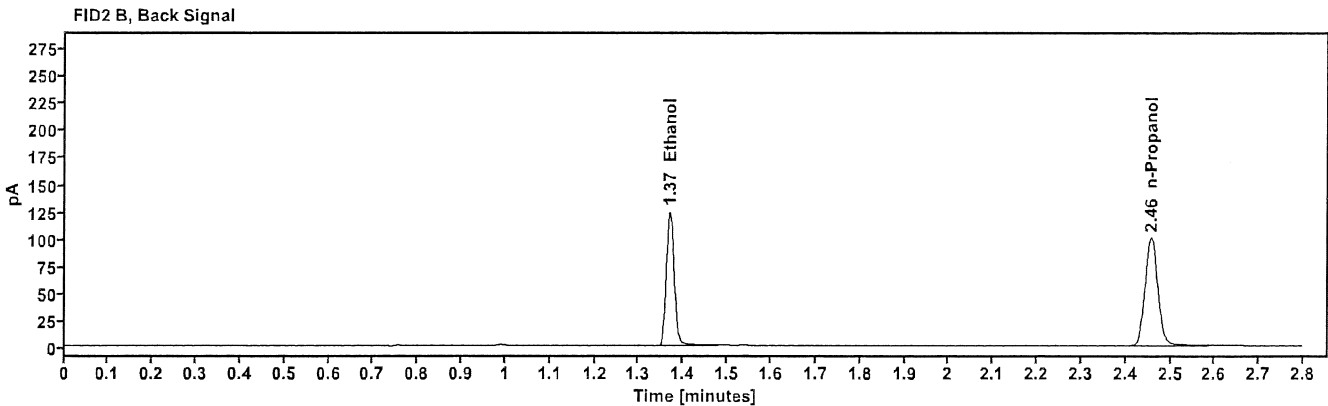
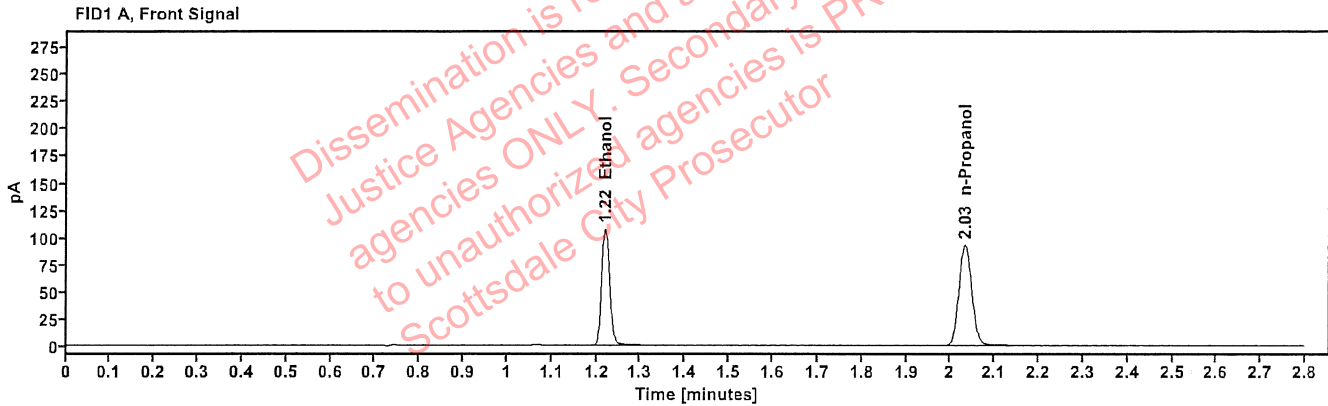


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2080	1.220	137.946
n-Propanol	-----	2.032	185.718

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

Compound	Time (min)	Peak Area
Ethanol	1.369	151.829
n-Propanol	2.457	201.291

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 060724AQ	<b>Vial:</b> 56
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 09Jul24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 7/9/2024 4:15:22 PM
<b>Data file:</b> C:\Chem32\1\Data\09Jul24\56.D	<b>Analyst:</b> Abbott <span style="float: right;"><i>Abbott</i></span>

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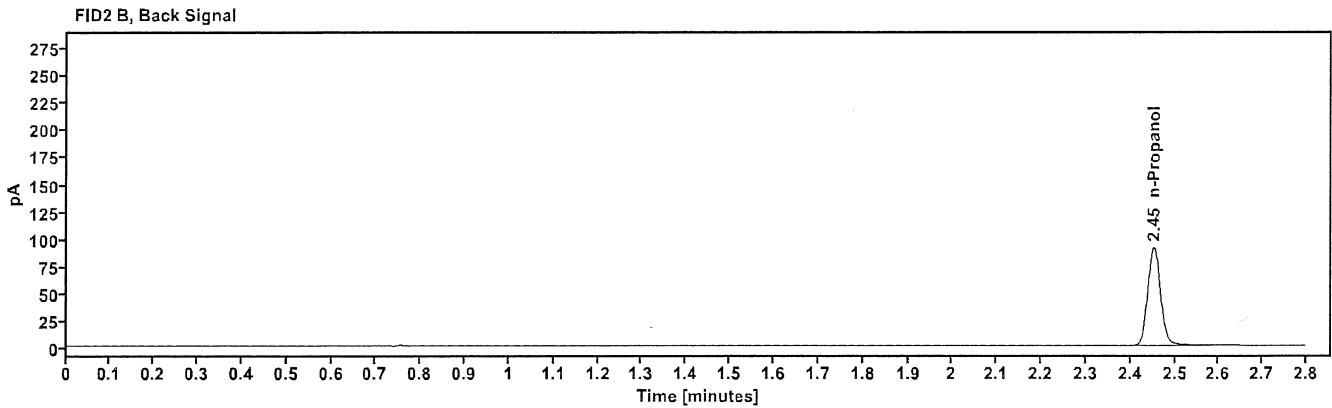
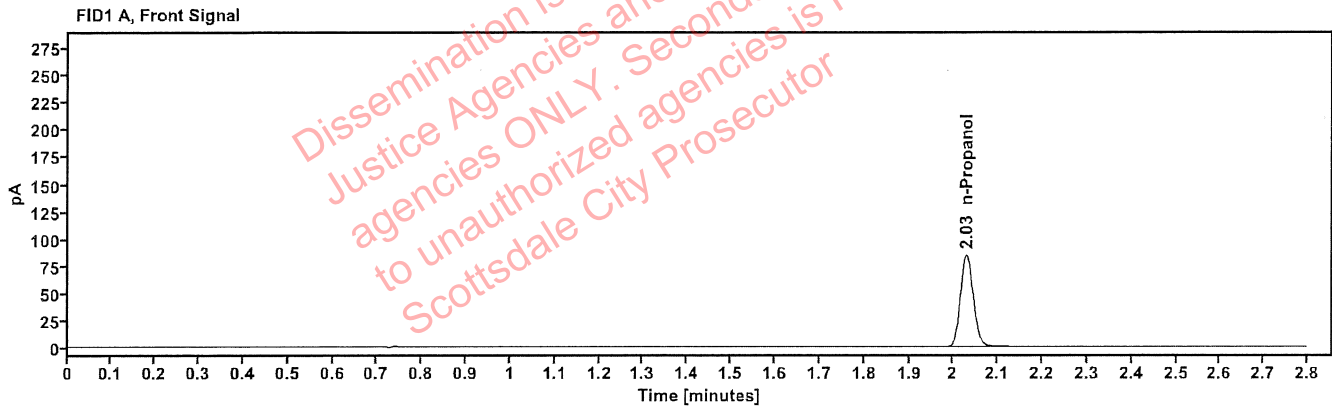


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.029	168.811

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

Compound	Time (min)	Peak Area
n-Propanol	2.453	182.703

# Sequence Summary

Sequence name: 09Jul24      Instrument: US14173023 CN14160045      Analyst: Abbott *JA*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN03072301	0.100 calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	050624WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	30012020-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/11	0.199	Control		ethanol quant.M
10	2410658-1		Sample		ethanol quant.M
11	2410658-1		Sample		ethanol quant.M
12	2411378-1		Sample		ethanol quant.M
13	2411378-1		Sample		ethanol quant.M
14	353-02K.E.		Sample		ethanol quant.M
15	353-02K.E.		Sample		ethanol quant.M
16	429-01E.A.		Sample		ethanol quant.M
17	429-01E.A.		Sample		ethanol quant.M
18	423-01I.L.		Sample		ethanol quant.M
19	423-01I.L.		Sample		ethanol quant.M
20	25052023-A	0.100	Control		ethanol quant.M
21	0435-01S.G.		Sample		ethanol quant.M
22	0435-01S.G.		Sample		ethanol quant.M
23	331-01M.O.		Sample		ethanol quant.M
24	331-01M.O.		Sample		ethanol quant.M
25	409-01M.H.		Sample		ethanol quant.M
26	409-01M.H.		Sample		ethanol quant.M
27	2413056-2		Sample		ethanol quant.M
28	2413056-2		Sample		ethanol quant.M
29	2413535-1		Sample		ethanol quant.M
30	2413535-1		Sample		ethanol quant.M
31	25052023-A	0.100	Control		ethanol quant.M
32	2413460-2		Sample		ethanol quant.M
33	2413460-2		Sample		ethanol quant.M
34	2413459-2		Sample		ethanol quant.M
35	2413459-2		Sample		ethanol quant.M
36	2413604-2		Sample		ethanol quant.M
37	2413604-2		Sample		ethanol quant.M
38	2413636-4		Sample		ethanol quant.M
39	2413636-4		Sample		ethanol quant.M
40	2413661-2		Sample		ethanol quant.M
41	2413661-2		Sample		ethanol quant.M
42	25052023-A	0.100	Control		ethanol quant.M
43	2413662-2		Sample		ethanol quant.M
44	2413662-2		Sample		ethanol quant.M
45	2413706-1		Sample		ethanol quant.M
46	2413706-1		Sample		ethanol quant.M
47	2413732-1		Sample		ethanol quant.M

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# Sequence Summary

48	2413732-1		Sample		ethanol quant.M
49	2413663-1		Sample		ethanol quant.M
50	2413663-1		Sample		ethanol quant.M
51	2413765-1		Sample		ethanol quant.M
52	2413765-1		Sample		ethanol quant.M
53	30012020-A	0.400	Control		ethanol quant.M
54	14082019-B	0.040	Control		ethanol quant.M
55	4110320133/11	0.199	Control		ethanol quant.M
56	060724AQ	Negative	Control		ethanol quant.M

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# Scottsdale Police Department Crime Laboratory Summary of Cases

*Abbott*

SEQUENCE NAME: 09Jul24

ANALYST: Abbott

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1268	0.1250	0.12590	0.71	0.00090
12 13	0.1317	0.1325	0.13210	0.30	0.00040
14 15	0.2175	0.2185	0.21800	0.23	0.00050
16 17	0.1355	0.1337	0.13460	0.67	0.00090
18 19	0.1402	0.1398	0.14000	0.14	0.00020
21 22	0.0108	0.0107	0.01075	0.47	0.00005
23 24	0.1720	0.1749	0.17345	0.84	0.00145
25 26	0.0800	0.0797	0.07985	0.19	0.00015
27 28	0.0000	0.0000	0.00000	0.00	0.00000
29 30	0.1032	0.1036	0.10340	0.19	0.00020
32 33	0.1506	0.1501	0.15035	0.17	0.00025
34 35	0.2178	0.2182	0.21800	0.09	0.00020
36 37	0.2311	0.2301	0.23060	0.22	0.00050
38 39	0.2513	0.2497	0.25050	0.32	0.00080
40 41	0.1826	0.1824	0.18250	0.05	0.00010
43 44	0.2038	0.2021	0.20295	0.42	0.00085
45 46	0.0857	0.0860	0.08585	0.17	0.00015
47 48	0.1698	0.1700	0.16990	0.06	0.00010
49 50	0.1710	0.1711	0.17105	0.03	0.00005
51 52	0.1656	0.1653	0.16545	0.09	0.00015

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

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

**ANALYST:** Abbott 

**SEQUENCE:** 09Jul24

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2410658-1	2410658-1	2410658-1	Yes
Vials 12 and 13	2411378-1	2411378-1	2411378-1	Yes
Vials 14 and 15	353-02K.E.	353-02K.E.	353-02K.E.	Yes
Vials 16 and 17	429-01E.A.	429-01E.A.	429-01E.A.	Yes
Vials 18 and 19	423-01I.L.	423-01I.L.	423-01I.L.	Yes
Vials 21 and 22	0435-01S.G.	0435-01S.G.	0435-01S.G.	Yes
Vials 23 and 24	331-01M.O.	331-01M.O.	331-01M.O.	Yes
Vials 25 and 26	409-01M.H.	409-01M.H.	409-01M.H.	Yes
Vials 27 and 28	2413056-2	2413056-2	2413056-2	Yes
Vials 29 and 30	2413535-1	2413535-1	2413535-1	Yes
Vials 32 and 33	2413460-2	2413460-2	2413460-2	Yes
Vials 34 and 35	2413459-2	2413459-2	2413459-2	Yes
Vials 36 and 37	2413604-2	2413604-2	2413604-2	Yes
Vials 38 and 39	2413636-4	2413636-4	2413636-4	Yes
Vials 40 and 41	2413661-2	2413661-2	2413661-2	Yes
Vials 43 and 44	2413662-2	2413662-2	2413662-2	Yes
Vials 45 and 46	2413706-1	2413706-1	2413706-1	Yes
Vials 47 and 48	2413732-1	2413732-1	2413732-1	Yes
Vials 49 and 50	2413663-1	2413663-1	2413663-1	Yes
Vials 51 and 52	2413765-1	2413765-1	2413765-1	Yes

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410658-1	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:09:22 PM
Data file:	C:\Chem32\1\Data\09Jul24\10.D	Analyst:	Abbott

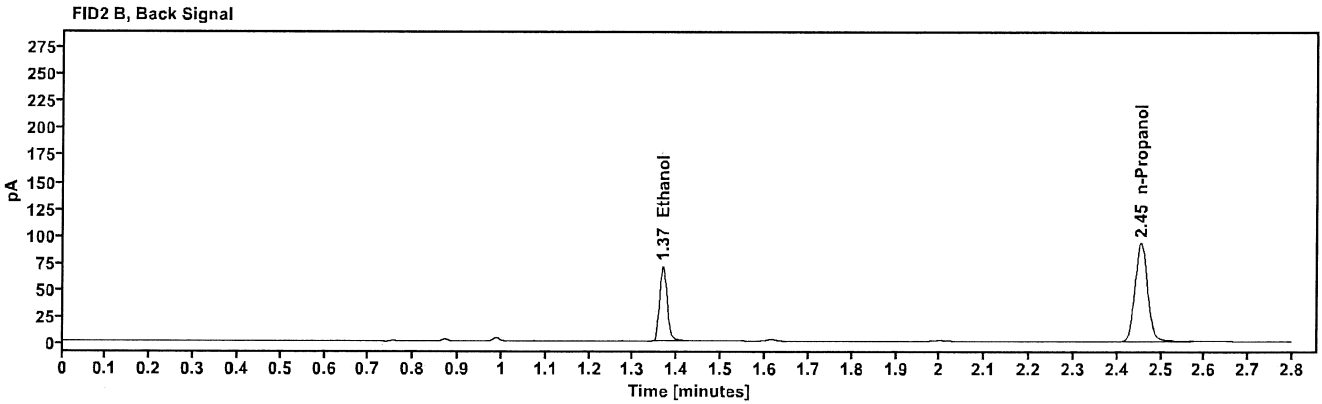
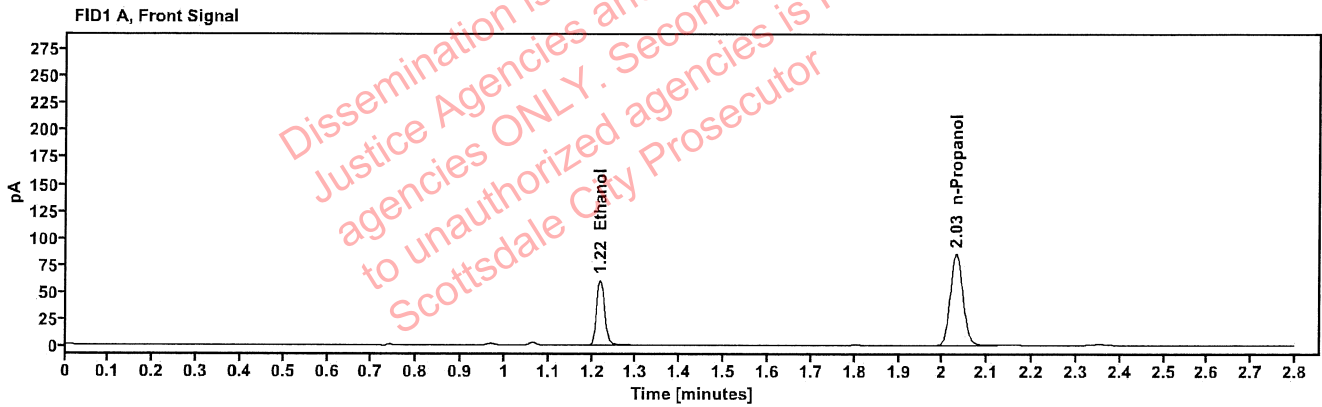


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1268	1.218	77.211
n-Propanol	-----	2.030	170.967

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

Compound	Time (min)	Peak Area
Ethanol	1.367	84.902
n-Propanol	2.454	184.766

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410658-1	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:13:22 PM
Data file:	C:\Chem32\1\Data\09Jul24\11.D	Analyst:	Abbott

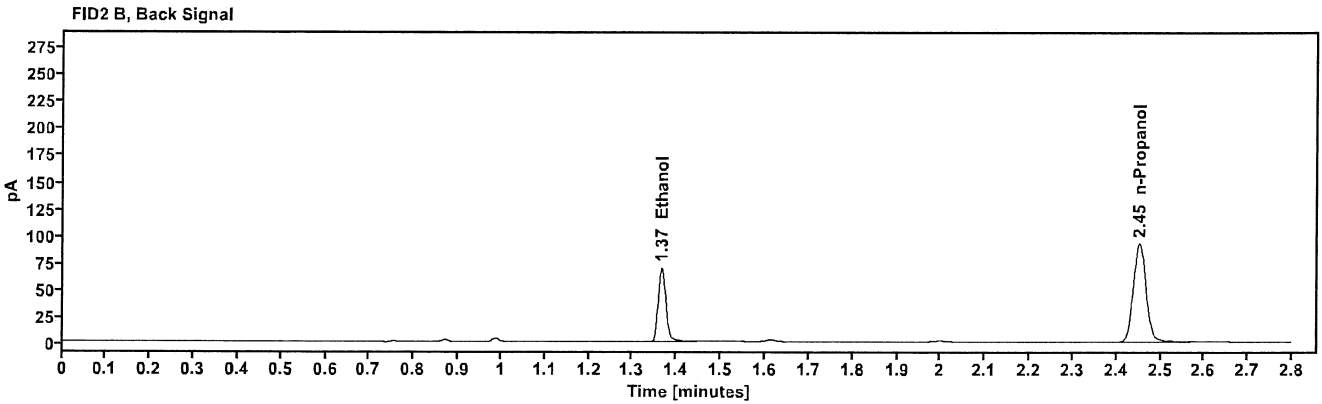
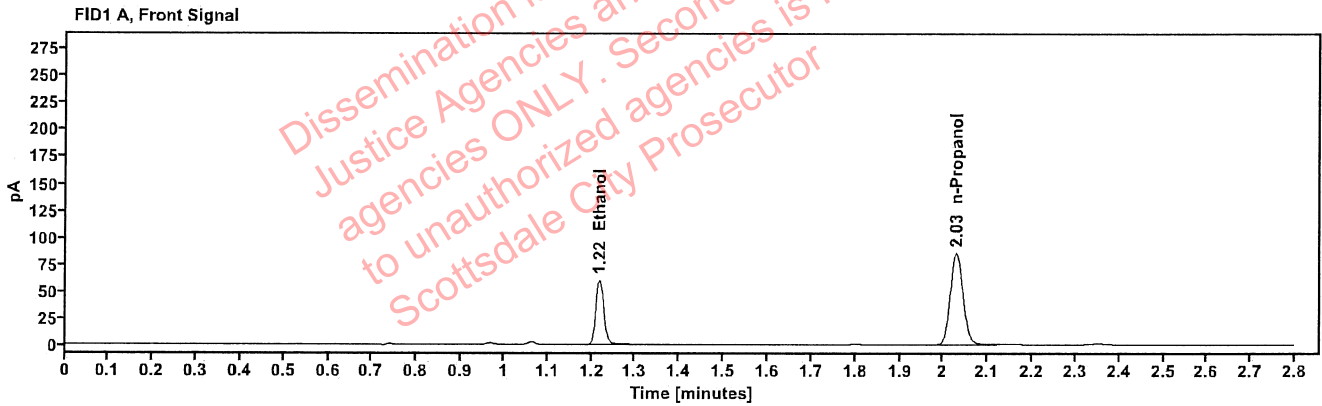


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1250	1.218	76.388
n-Propanol	-----	2.029	171.601

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

Compound	Time (min)	Peak Area
Ethanol	1.366	83.906
n-Propanol	2.452	185.453



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411378-1	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:17:22 PM
Data file:	C:\Chem32\1\Data\09Jul24\12.D	Analyst:	Abbott

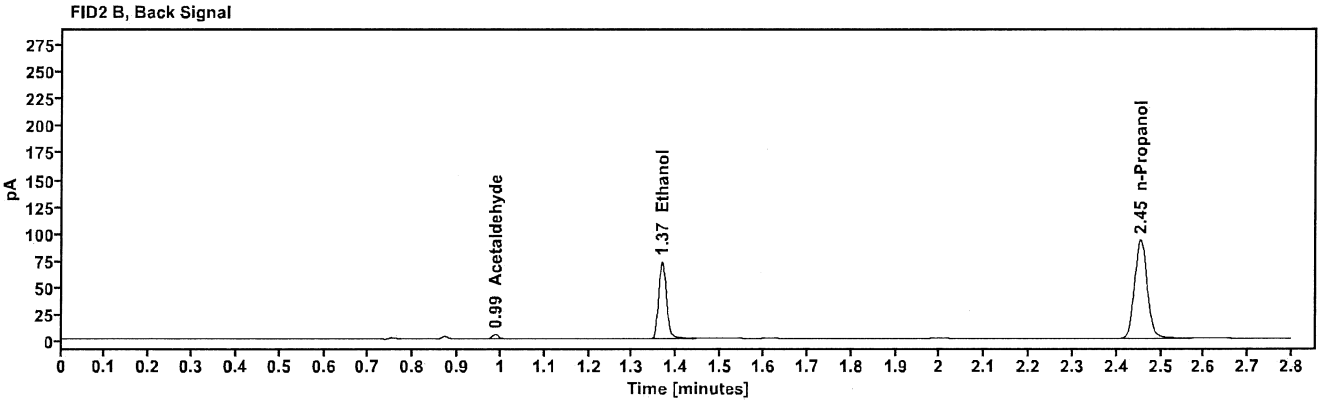
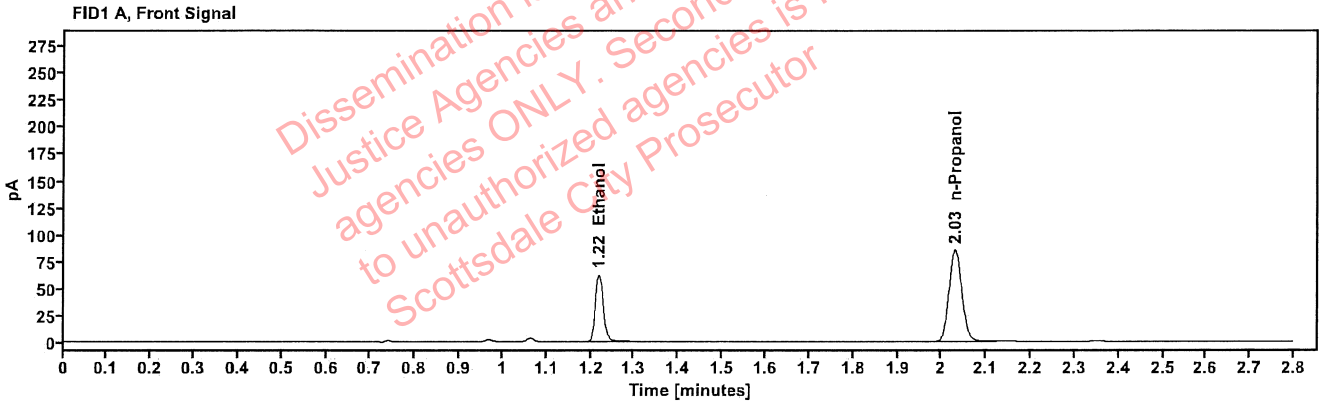


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1317	1.218	80.083
n-Propanol	-----	2.030	170.642

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	4.017
Ethanol	1.367	87.827
n-Propanol	2.454	185.155

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411378-1	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:21:37 PM
Data file:	C:\Chem32\1\Data\09Jul24\13.D	Analyst:	Abbott

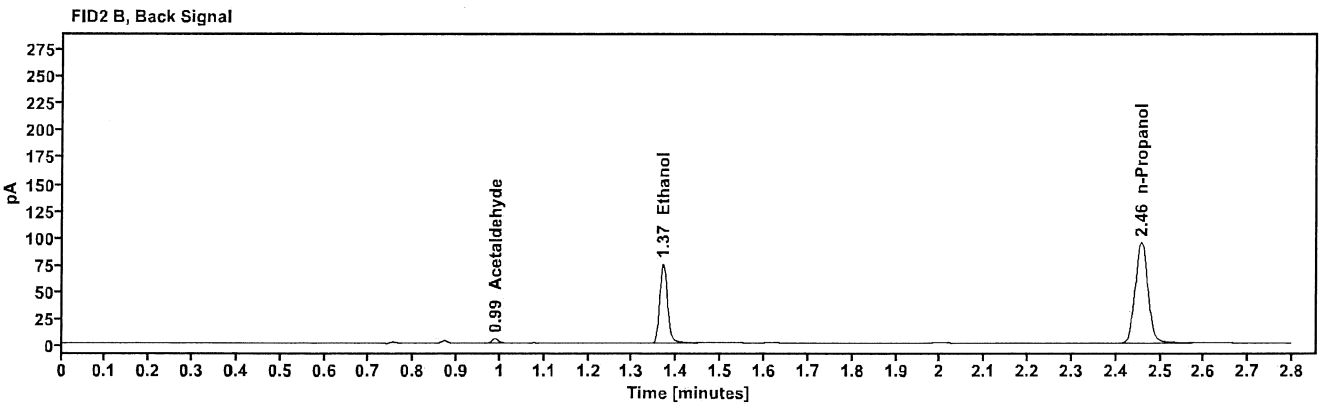
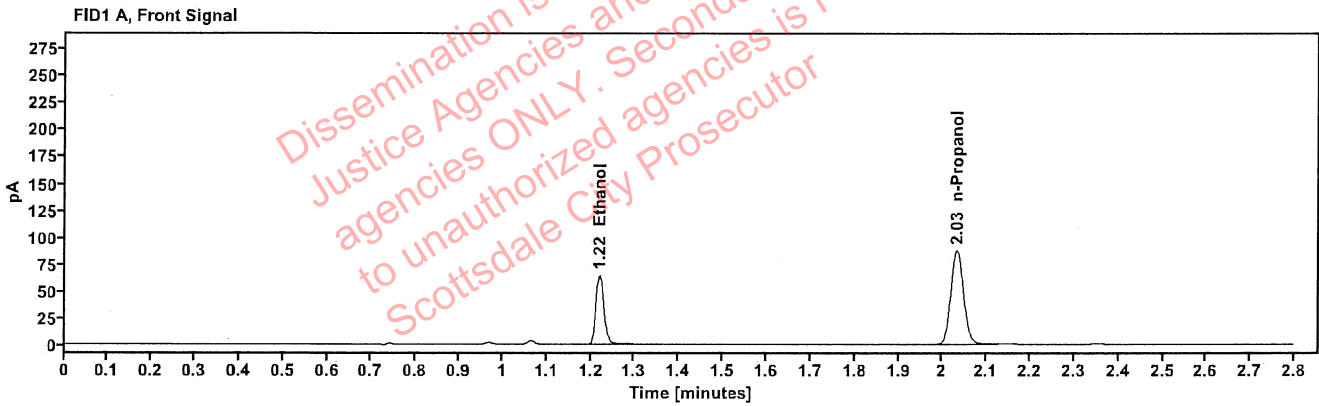


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1325	1.220	82.248
n-Propanol	-----	2.032	174.252

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	4.011
Ethanol	1.369	90.179
n-Propanol	2.456	188.970

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-02K.E.	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:25:37 PM
Data file:	C:\Chem32\1\Data\09Jul24\14.D	Analyst:	Abbott

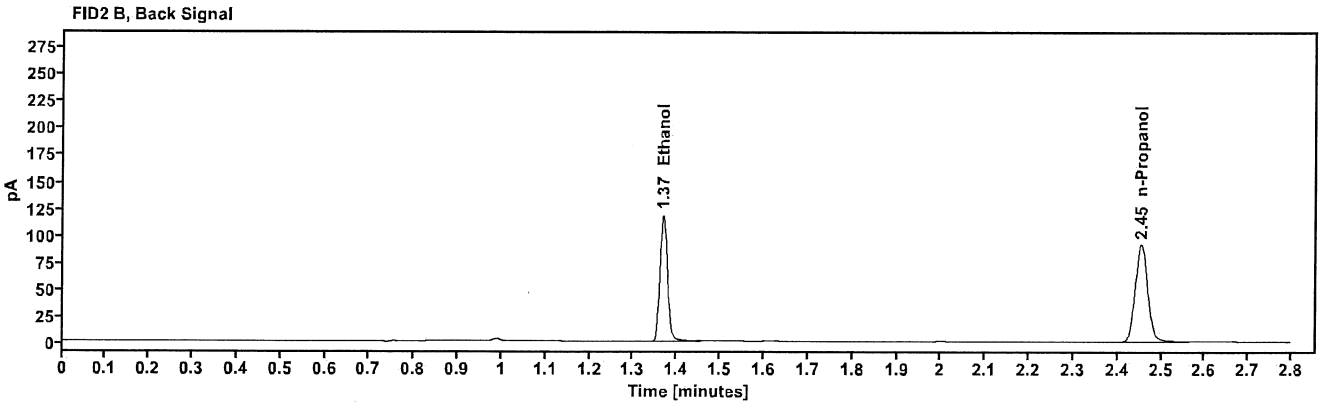
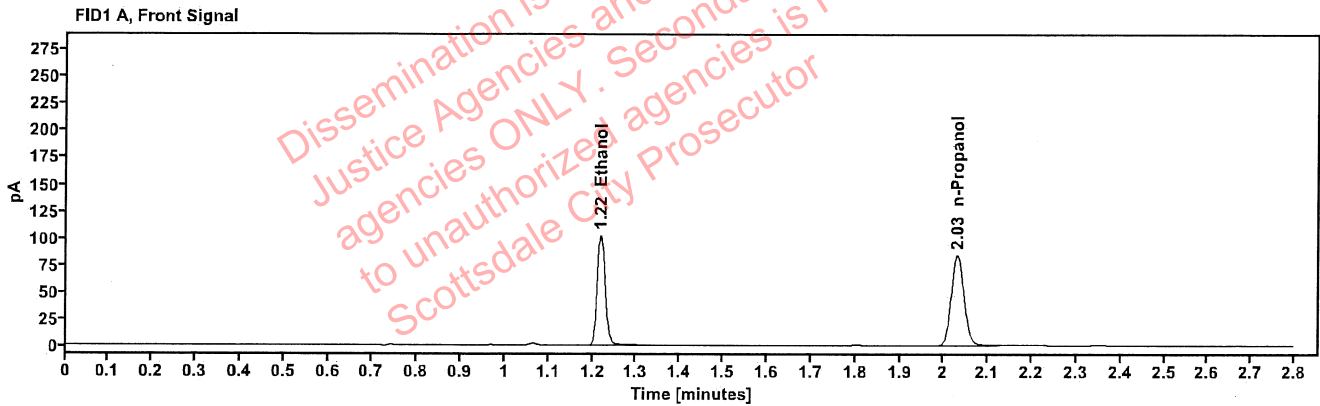


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2175	1.219	130.305
n-Propanol	-----	2.030	167.684

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

Compound	Time (min)	Peak Area
Ethanol	1.368	143.056
n-Propanol	2.454	181.287

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-02K.E.	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:29:37 PM
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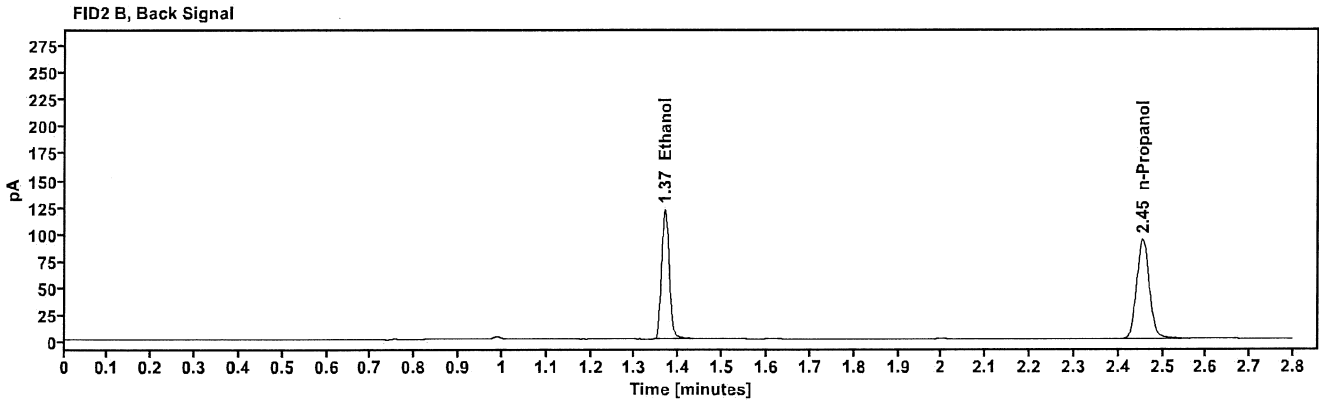
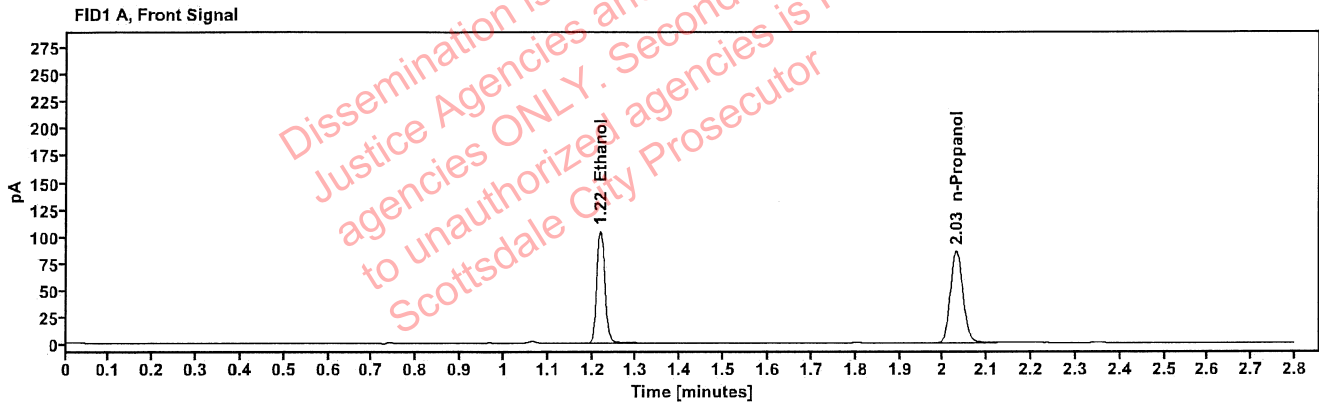


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2185	1.218	133.990
n-Propanol	---	2.030	171.664

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

Compound	Time (min)	Peak Area
Ethanol	1.368	147.366
n-Propanol	2.454	185.810

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	429-01E.A.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:33:37 PM
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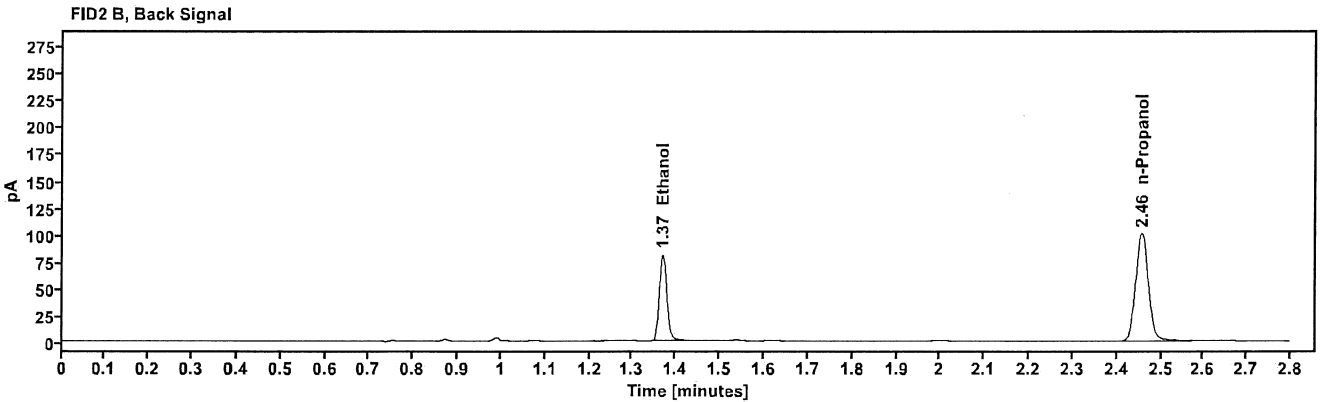
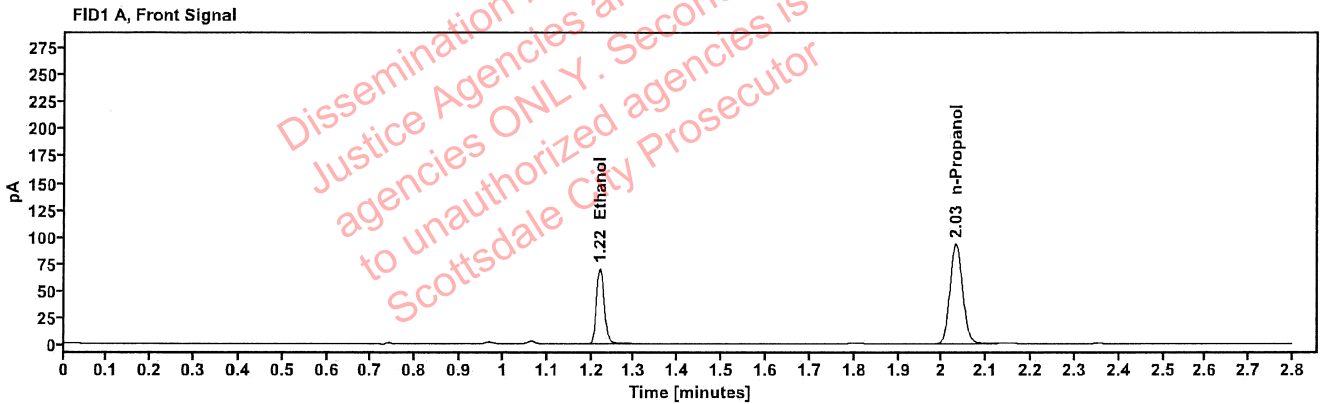


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1355	1.220	89.758
n-Propanol	-----	2.031	185.804

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

Compound	Time (min)	Peak Area
Ethanol	1.369	98.184
n-Propanol	2.456	201.432

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	429-01E.A.	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:37:37 PM
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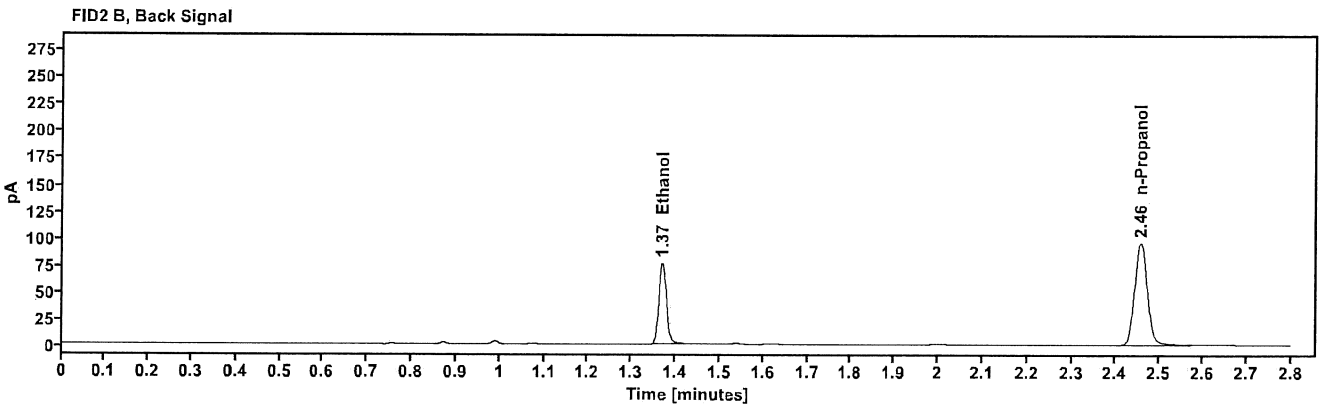
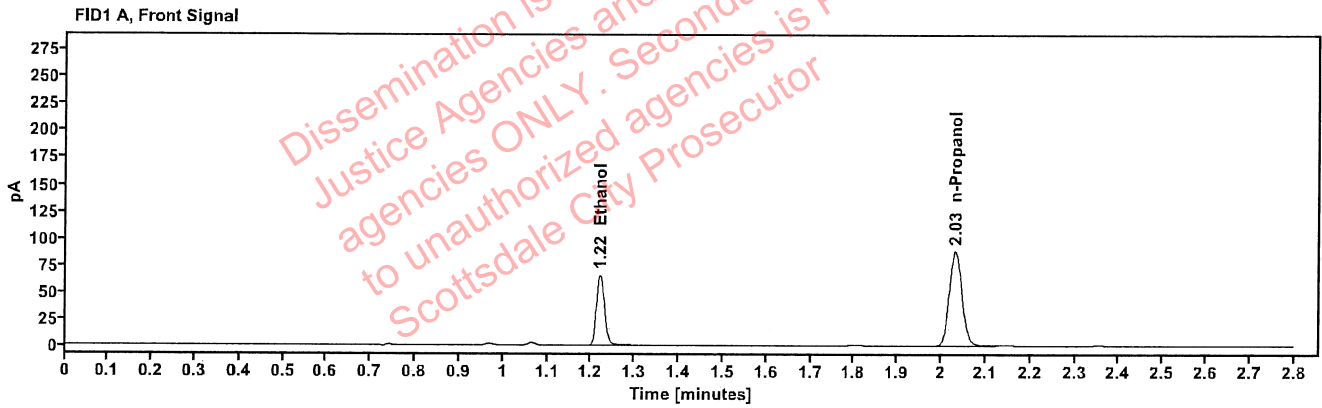


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1337	1.220	84.377
n-Propanol	---	2.032	177.055

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

Compound	Time (min)	Peak Area
Ethanol	1.370	92.348
n-Propanol	2.456	191.615

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	423-011.L.	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:41:37 PM
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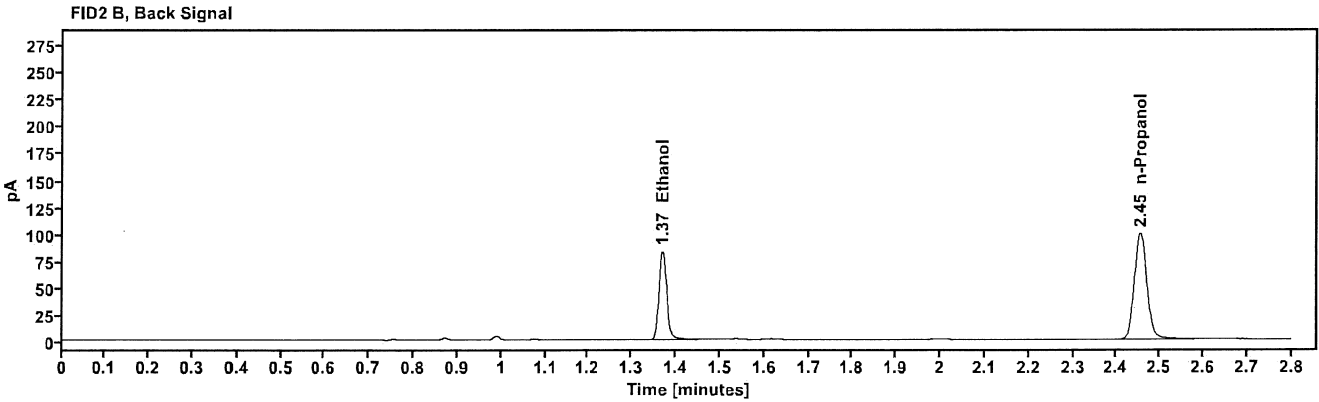
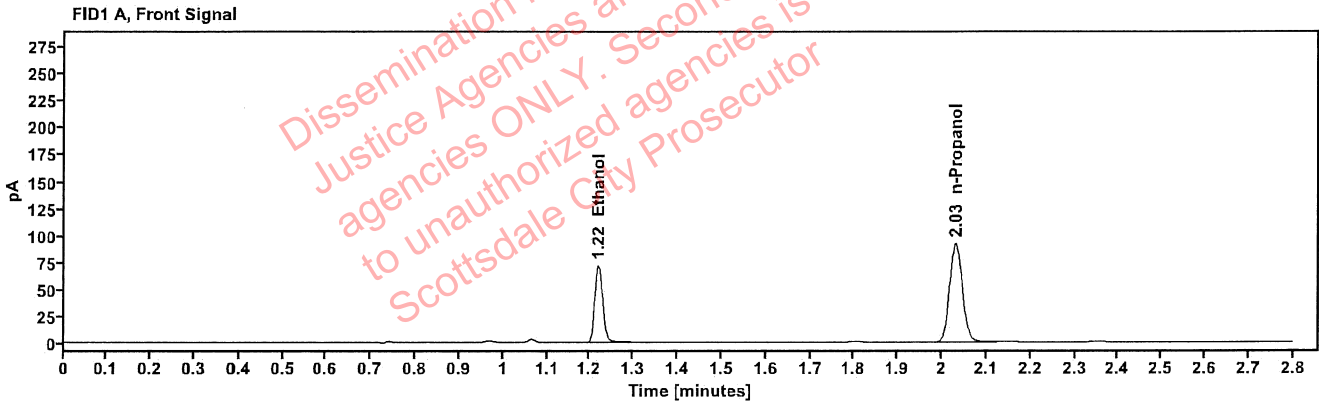


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1402	1.219	91.925
n-Propanol	-----	2.030	183.982

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

Compound	Time (min)	Peak Area
Ethanol	1.369	100.816
n-Propanol	2.455	199.656

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	423-011.L.	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:45:52 PM
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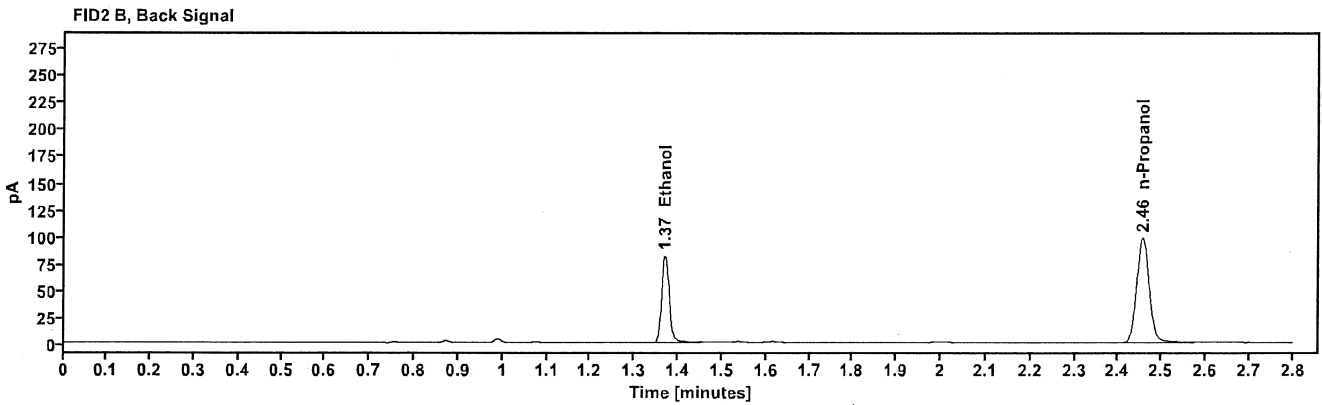
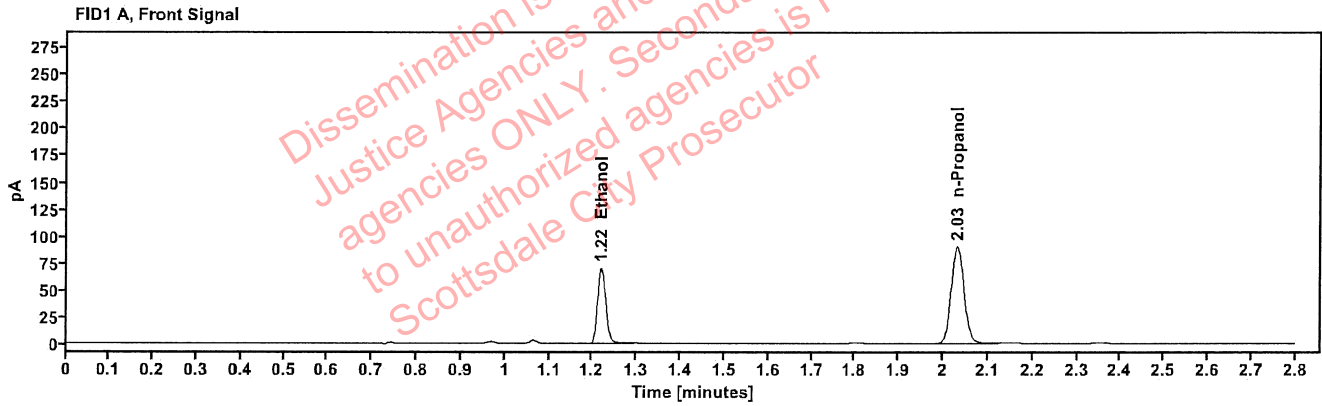


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1398	1.220	89.906
n-Propanol	-----	2.031	180.445

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

Compound	Time (min)	Peak Area
Ethanol	1.369	98.870
n-Propanol	2.456	195.789



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0435-01S.G.	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:53:52 PM
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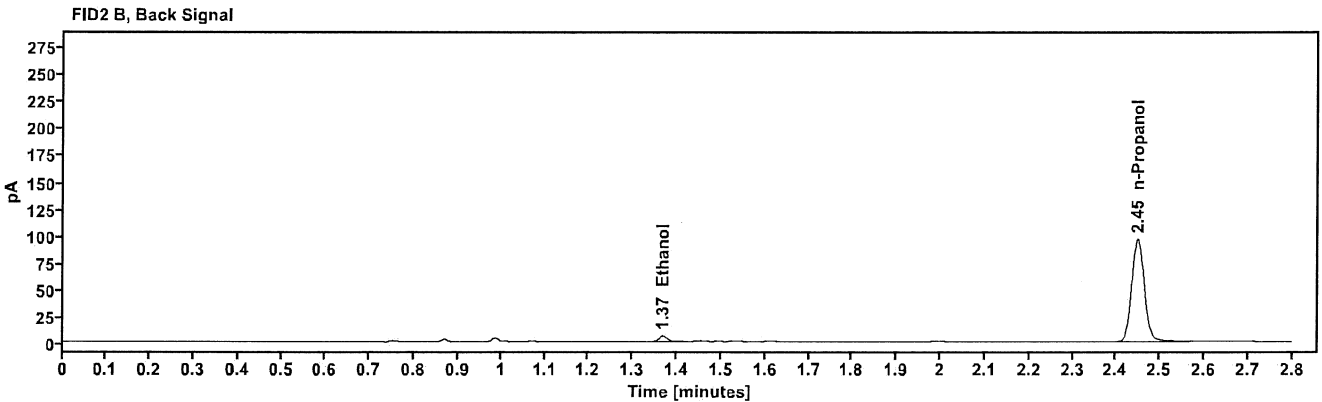
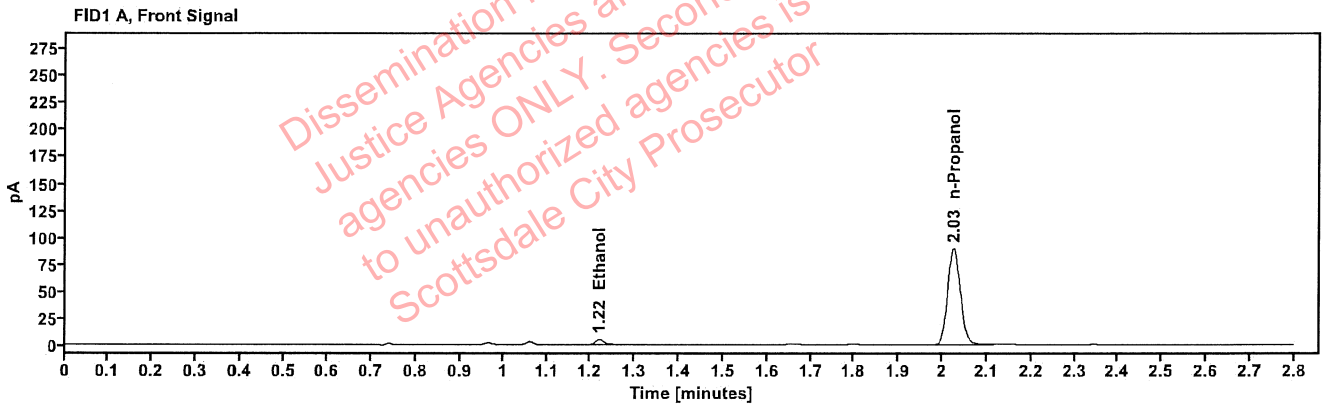


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0108	1.219	6.369
n-Propanol	---	2.025	178.535

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

Compound	Time (min)	Peak Area
Ethanol	1.368	6.965
n-Propanol	2.449	193.246

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0435-01S.G.	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 1:57:52 PM
Data file:	C:\Chem32\1\Data\09Jul24\22.D	Analyst:	Abbott

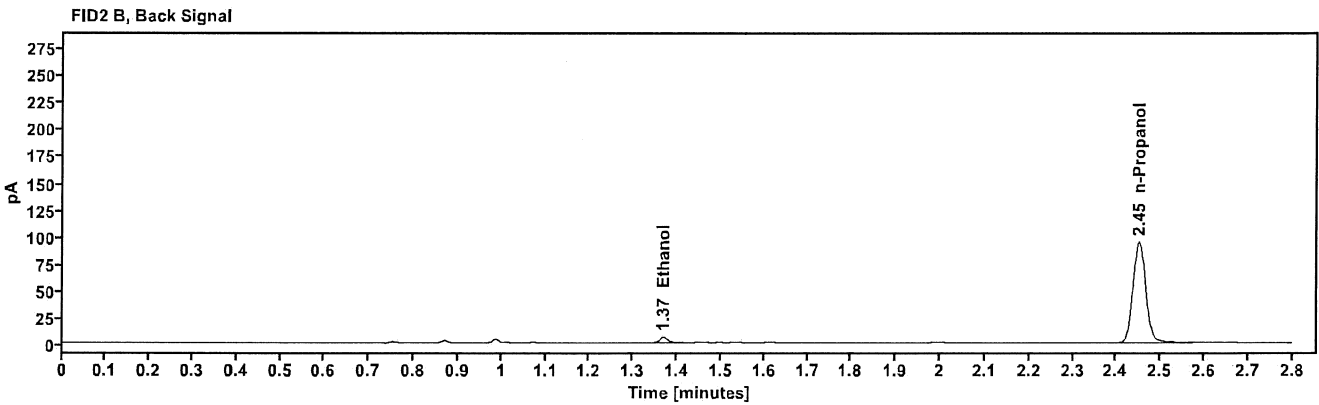
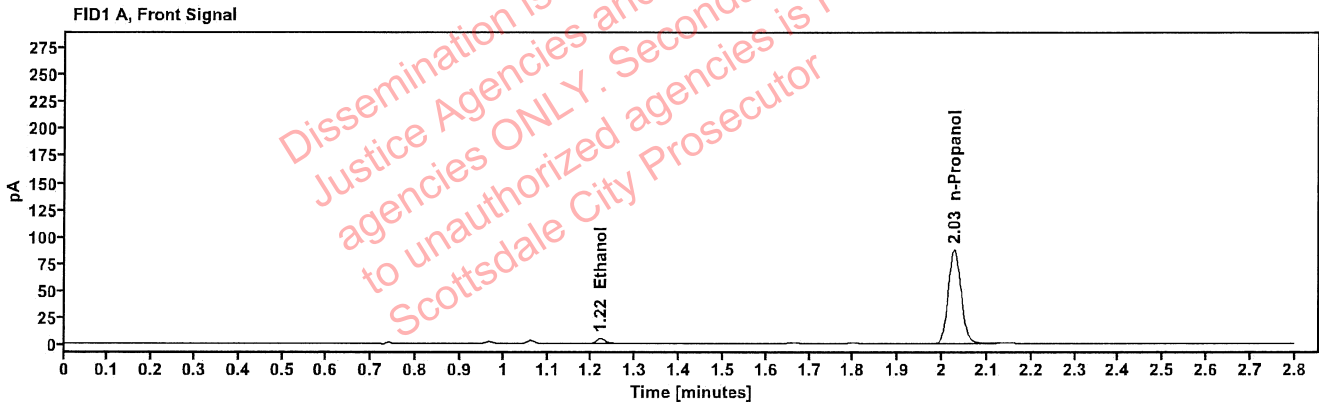


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0107	1.220	6.213
n-Propanol	-----	2.027	174.936

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

Compound	Time (min)	Peak Area
Ethanol	1.368	6.884
n-Propanol	2.451	189.524

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	331-01M.O.	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:01:52 PM
Data file:	C:\Chem32\1\Data\09Jul24\23.D	Analyst:	Abbott

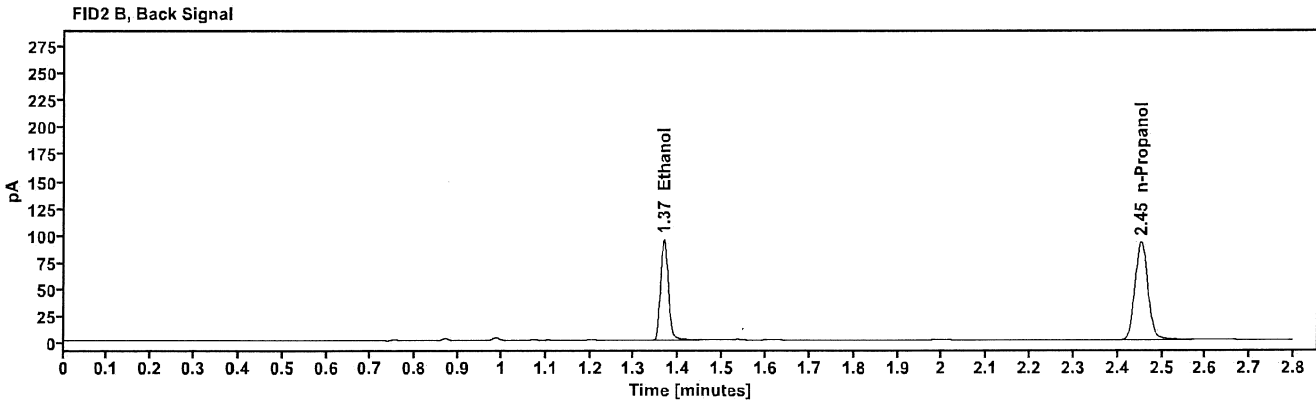
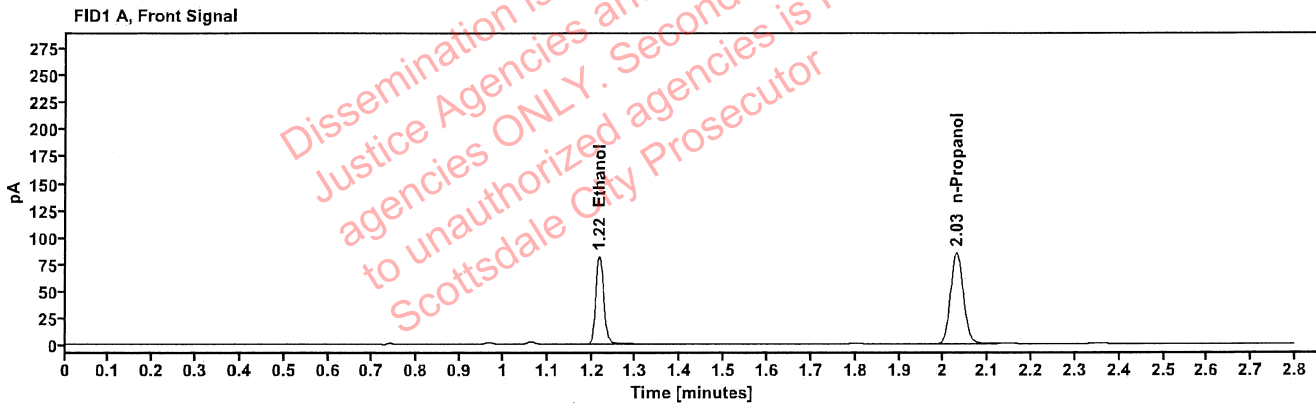


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1720	1.218	104.503
n-Propanol	-----	2.029	170.260

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

Compound	Time (min)	Peak Area
Ethanol	1.366	114.450
n-Propanol	2.453	184.402

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	331-01M.O.	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:05:51 PM
Data file:	C:\Chem32\1\Data\09Jul24\24.D	Analyst:	Abbott

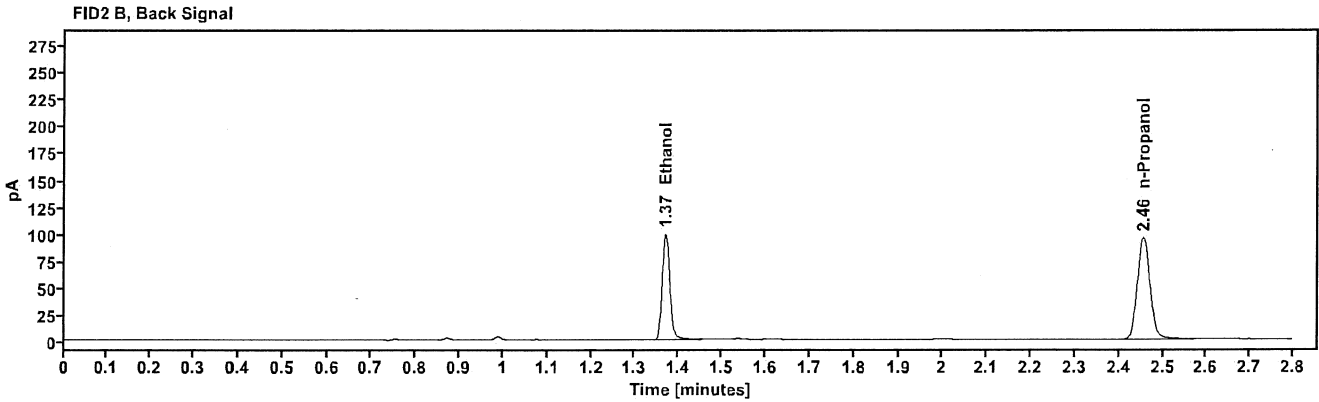
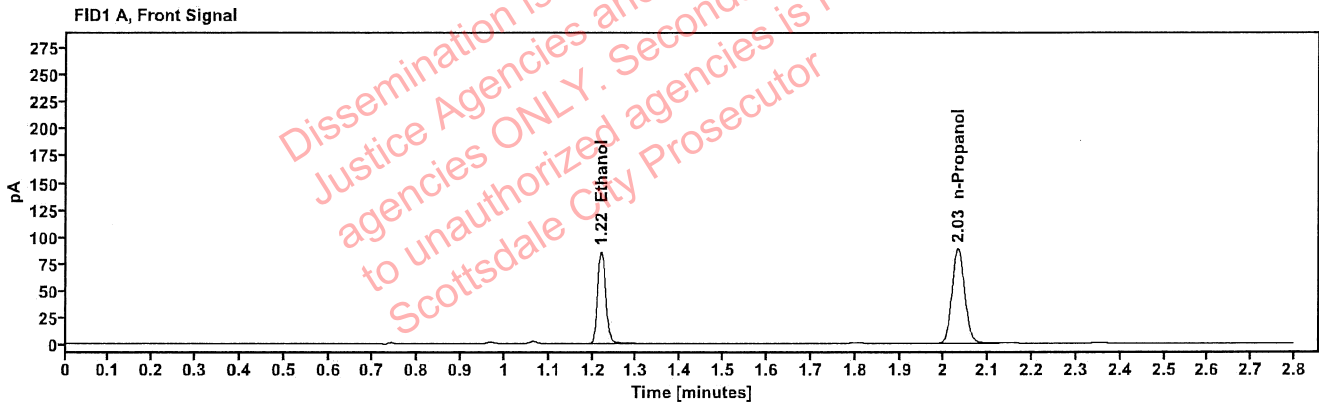


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1749	1.219	110.202
n-Propanol	-----	2.031	176.517

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

Compound	Time (min)	Peak Area
Ethanol	1.369	121.001
n-Propanol	2.456	191.065

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01M.H.	Vial:	25
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:10:07 PM
Data file:	C:\Chem32\1\Data\09Jul24\25.D	Analyst:	Abbott

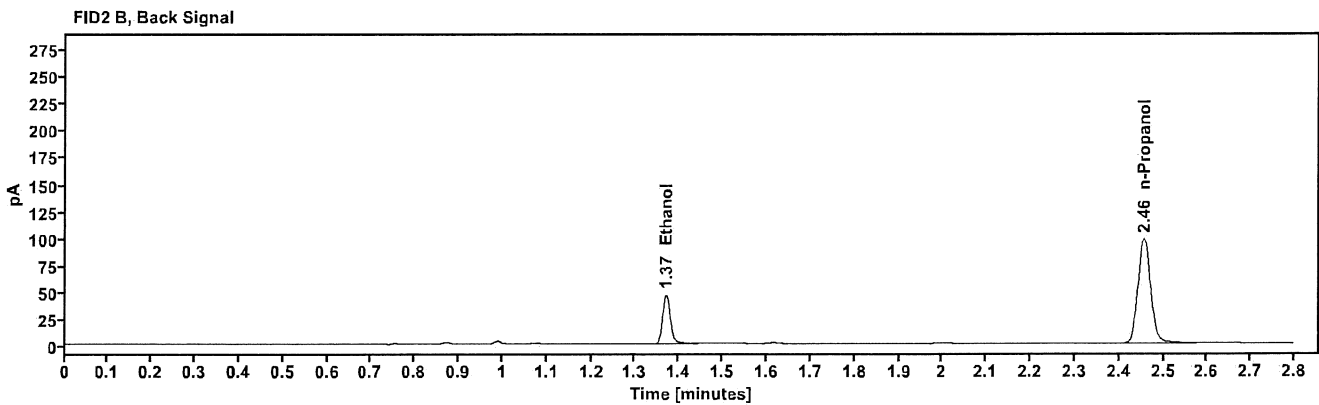
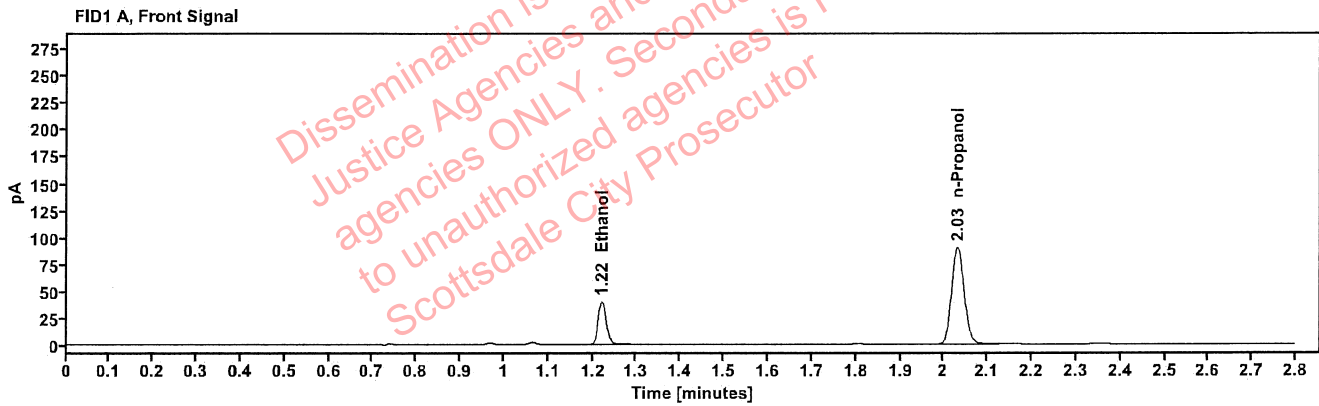


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0800	1.220	51.371
n-Propanol	-----	2.032	180.855

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

Compound	Time (min)	Peak Area
Ethanol	1.370	56.219
n-Propanol	2.457	196.141

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01M.H.	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:14:07 PM
Data file:	C:\Chem32\1\Data\09Jul24\26.D	Analyst:	Abbott

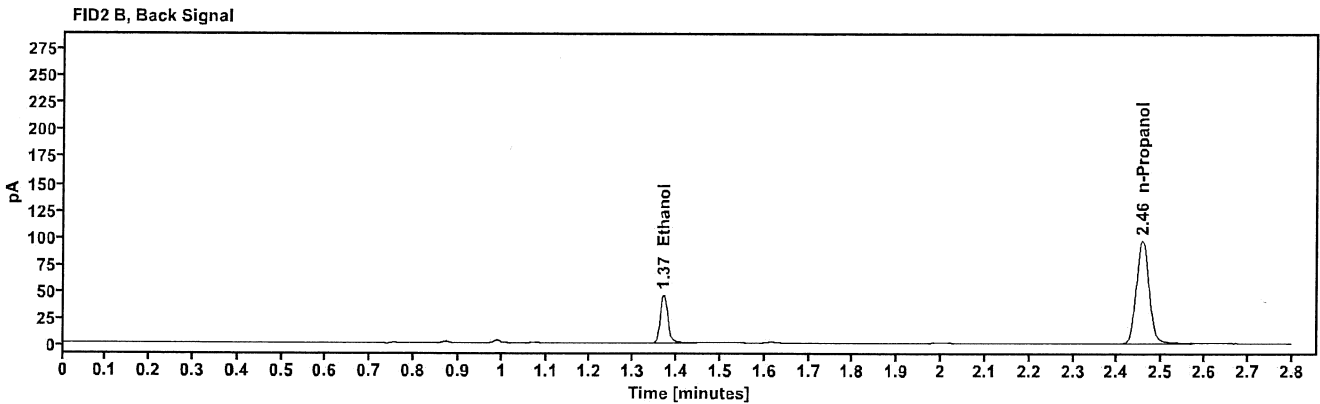
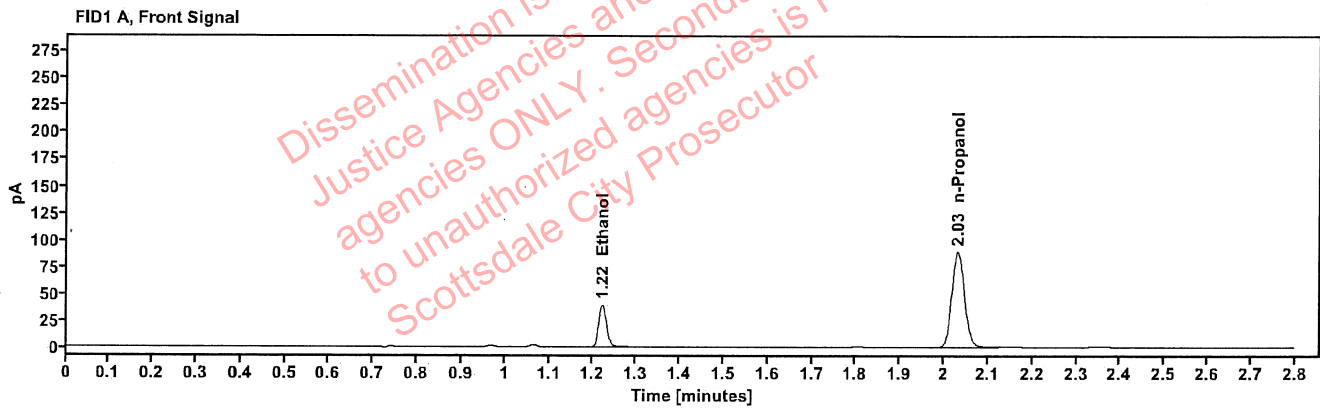


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0797	1.220	50.360
n-Propanol	-----	2.031	178.156

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

Compound	Time (min)	Peak Area
Ethanol	1.369	55.042
n-Propanol	2.456	193.021

[REDACTED]: Abbott, Lori - (10-Jul-2024)

Case: [REDACTED] User: LAbbott 7/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413056-2	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:18:07 PM
Data file:	C:\Chem32\1\Data\09Jul24\27.D	Analyst:	Abbott

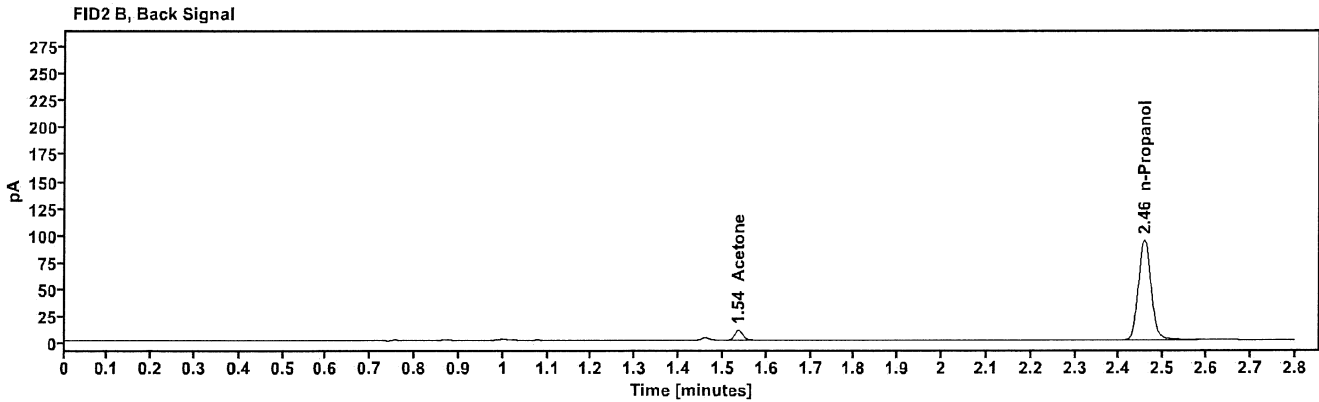
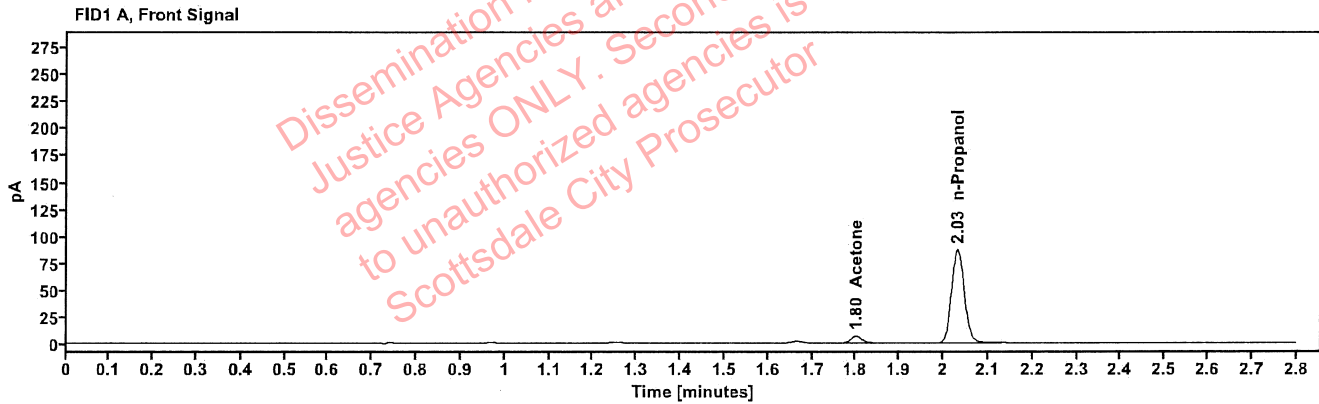


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetone	-----	1.800	11.096
n-Propanol	-----	2.032	173.972

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

Compound	Time (min)	Peak Area
Acetone	1.535	12.292
n-Propanol	2.457	188.216

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413056-2	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:22:07 PM
Data file:	C:\Chem32\1\Data\09Jul24\28.D	Analyst:	Abbott

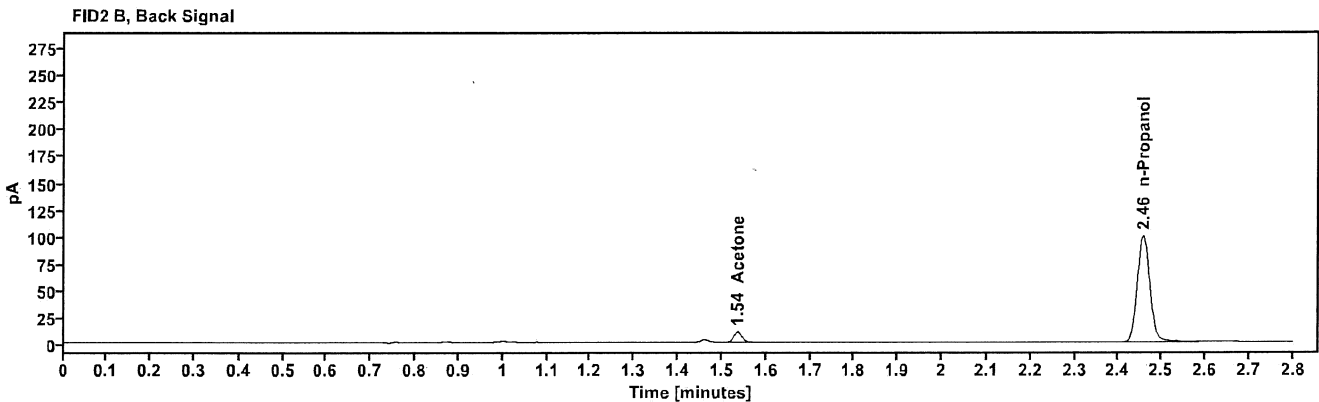
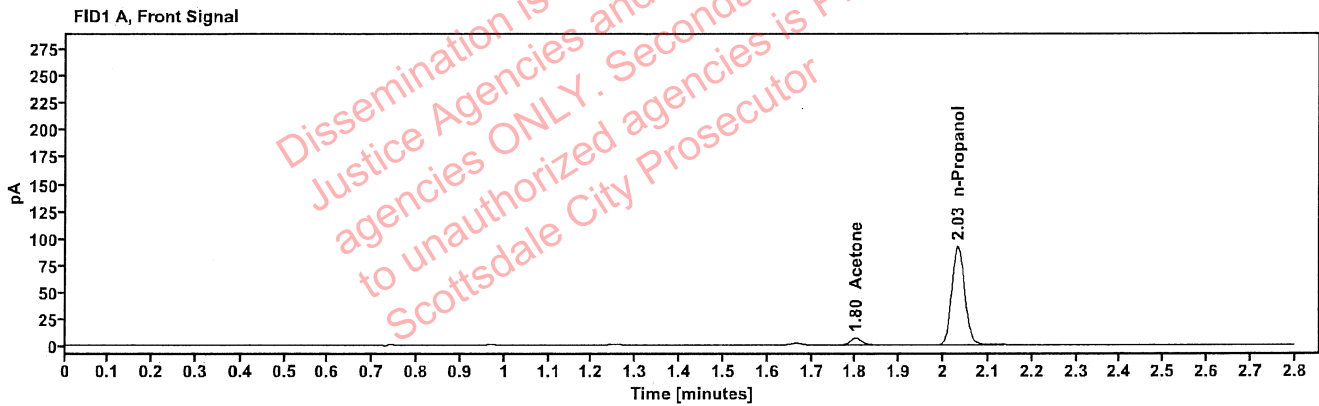


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetone	-----	1.800	11.435
n-Propanol	-----	2.032	184.330

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

Compound	Time (min)	Peak Area
Acetone	1.536	12.644
n-Propanol	2.457	199.558



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413535-1	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:26:07 PM
Data file:	C:\Chem32\1\Data\09Jul24\29.D	Analyst:	Abbott

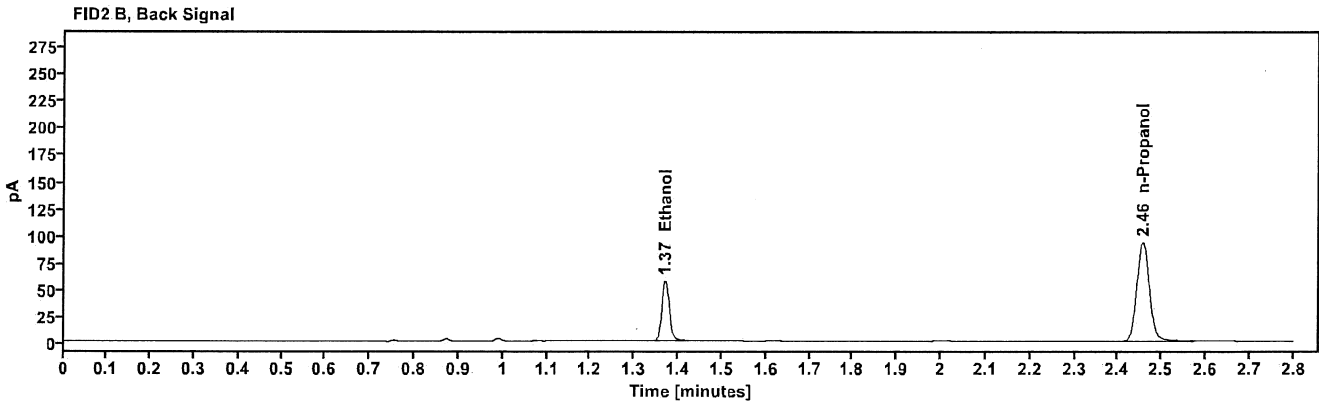
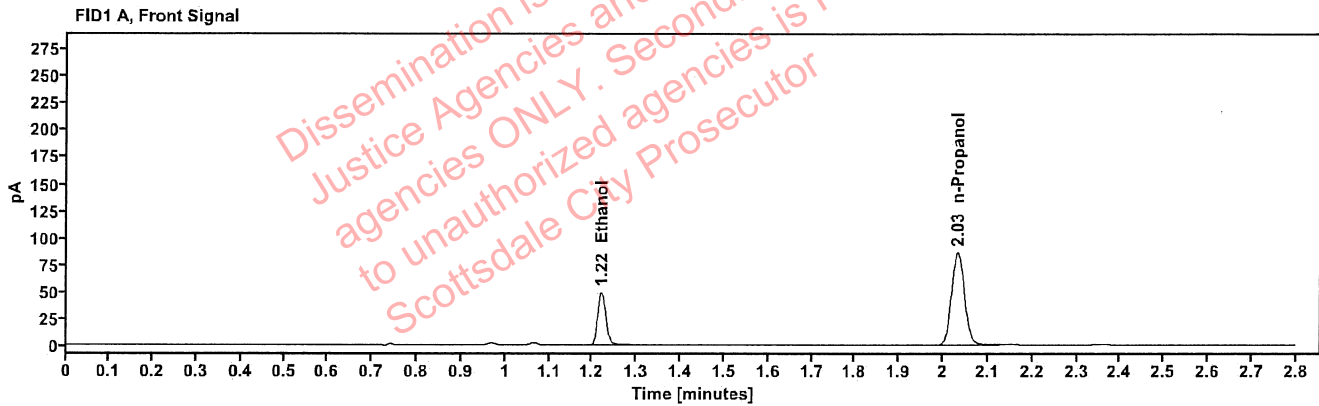


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1032	1.220	63.220
n-Propanol	-----	2.032	172.284

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

Compound	Time (min)	Peak Area
Ethanol	1.369	69.027
n-Propanol	2.457	186.634

[REDACTED] : Abbott, Lori - (10-Jul-2024)

Case: [REDACTED] User: LAbbott 7/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413535-1	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:30:07 PM
Data file:	C:\Chem32\1\Data\09Jul24\30.D	Analyst:	Abbott

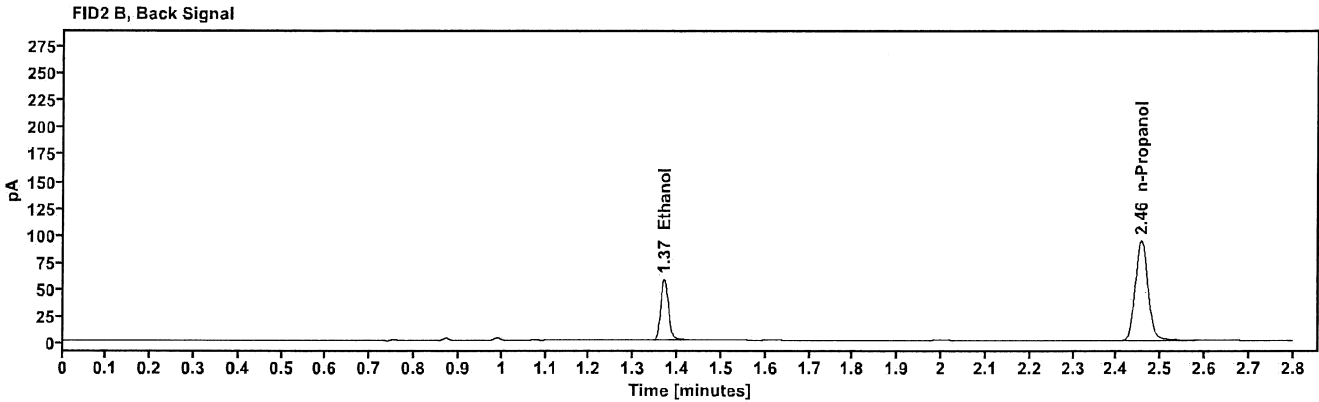
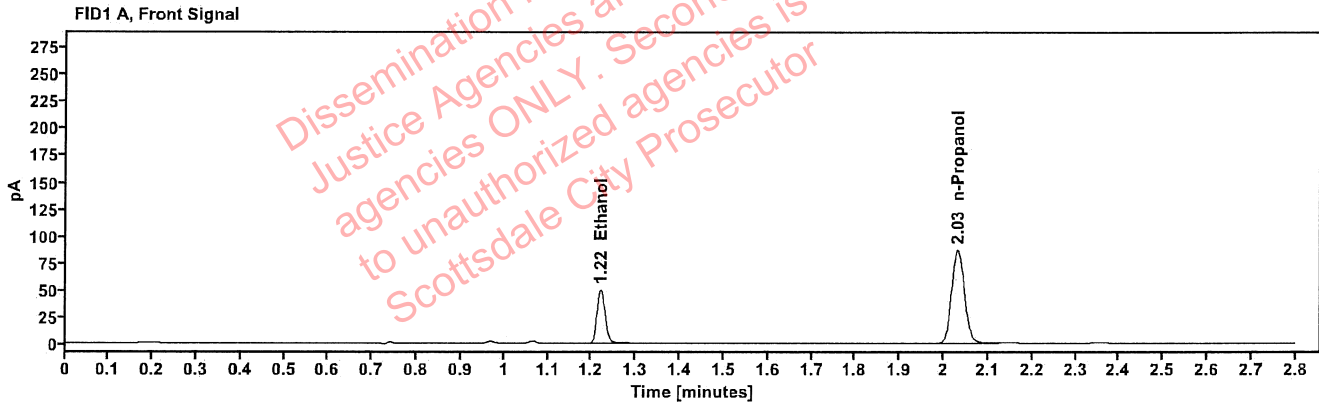


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1036	1.220	63.891
n-Propanol	---	2.031	173.380

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

Compound	Time (min)	Peak Area
Ethanol	1.369	69.742
n-Propanol	2.456	188.103

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413460-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:38:22 PM
Data file:	C:\Chem32\1\Data\09Jul24\32.D	Analyst:	Abbott

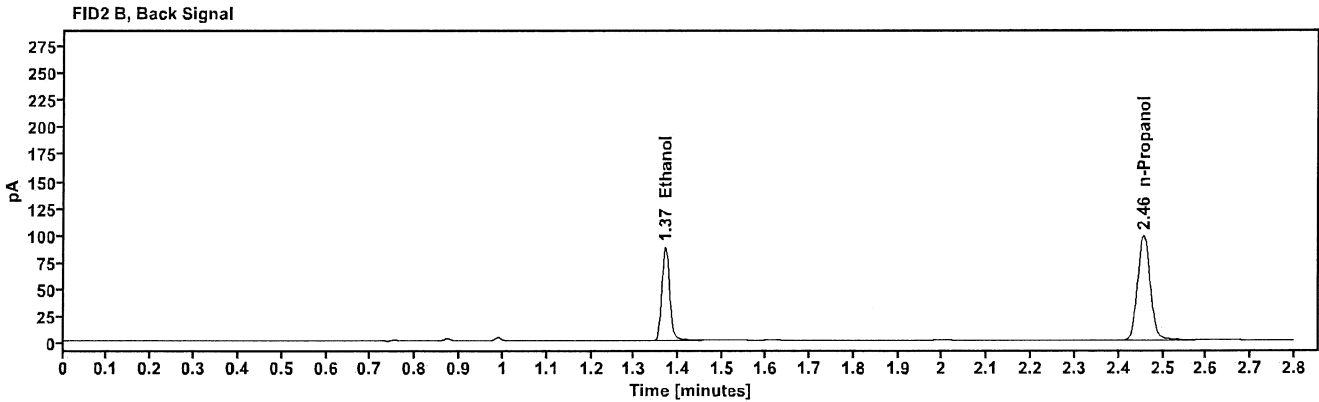
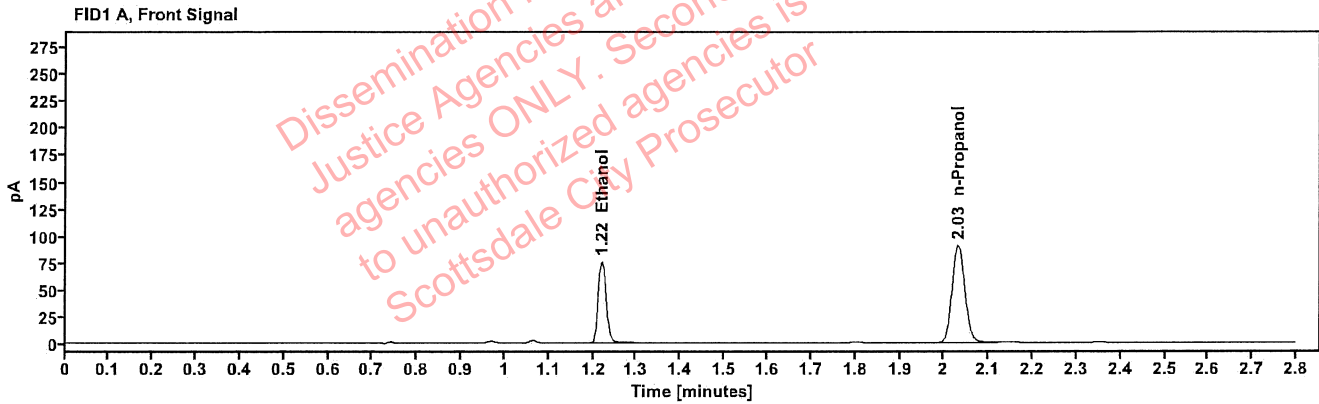


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1506	1.220	97.140
n-Propanol	---	2.031	180.911

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

Compound	Time (min)	Peak Area
Ethanol	1.369	106.606
n-Propanol	2.456	195.913

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413460-2	Vial:	33
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:42:22 PM
Data file:	C:\Chem32\1\Data\09Jul24\33.D	Analyst:	Abbott

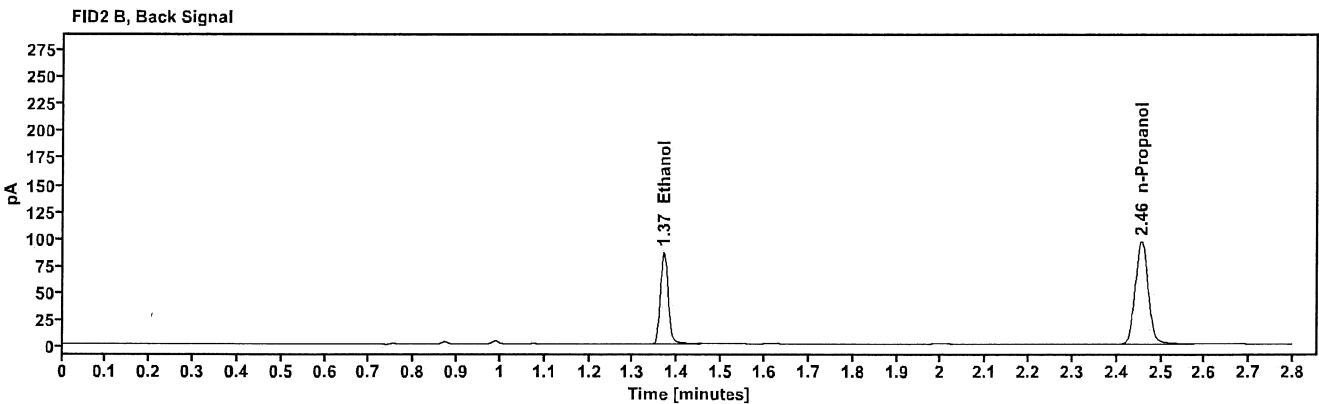
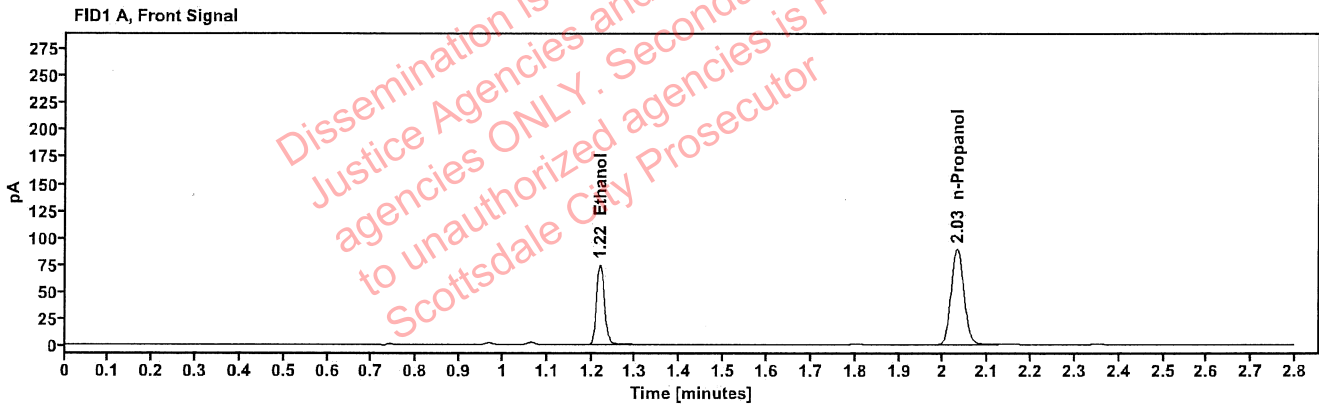


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1501	1.219	95.386
n-Propanol	---	2.031	178.202

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

Compound	Time (min)	Peak Area
Ethanol	1.369	104.662
n-Propanol	2.455	193.061

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413459-2	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:46:22 PM
Data file:	C:\Chem32\1\Data\09Jul24\34.D	Analyst:	Abbott

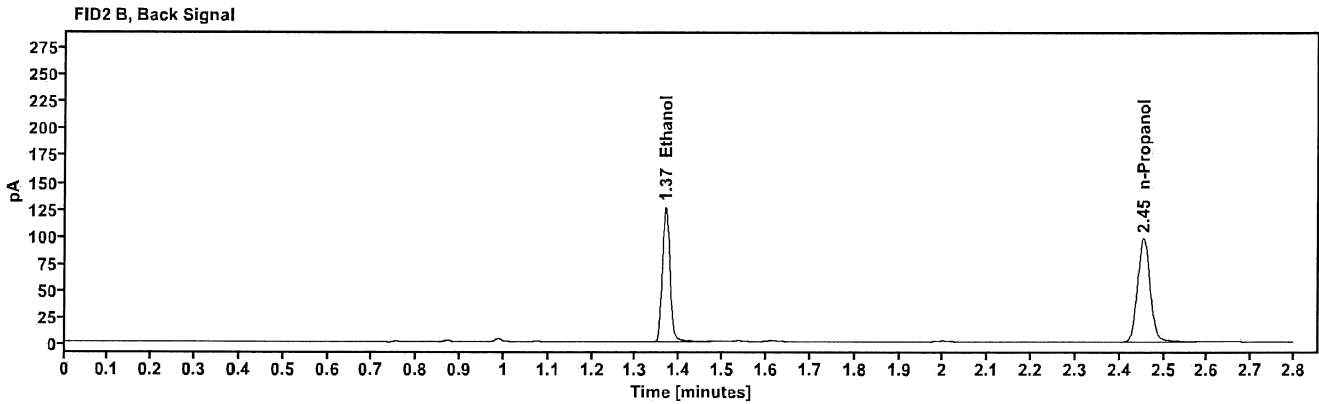
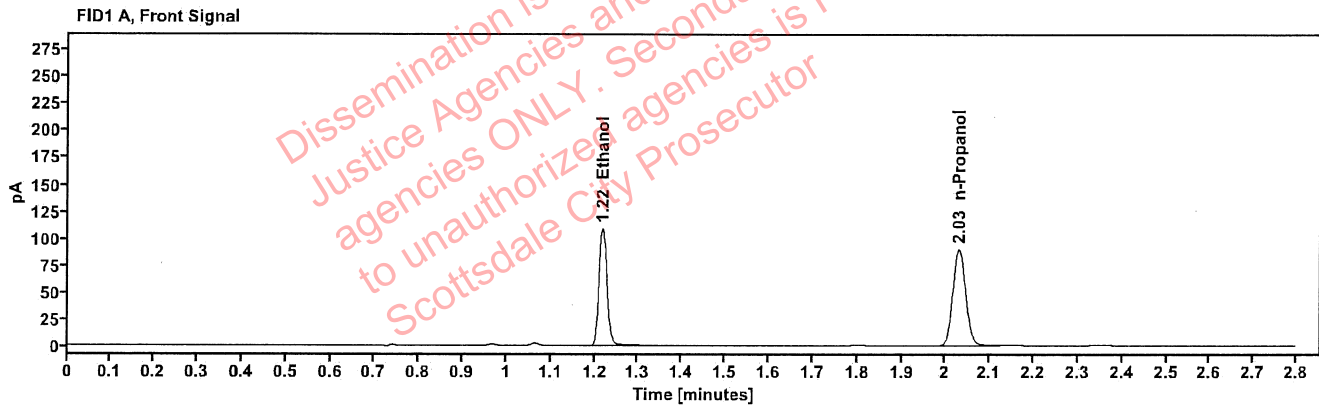


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2178	1.218	139.350
n-Propanol	---	2.030	179.136

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

Compound	Time (min)	Peak Area
Ethanol	1.367	154.381
n-Propanol	2.454	194.323

[REDACTED]: Abbott, Lori - (10-Jul-2024)

Case: [REDACTED] User: LAbbott 7/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413459-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:50:22 PM
Data file:	C:\Chem32\1\Data\09Jul24\35.D	Analyst:	Abbott

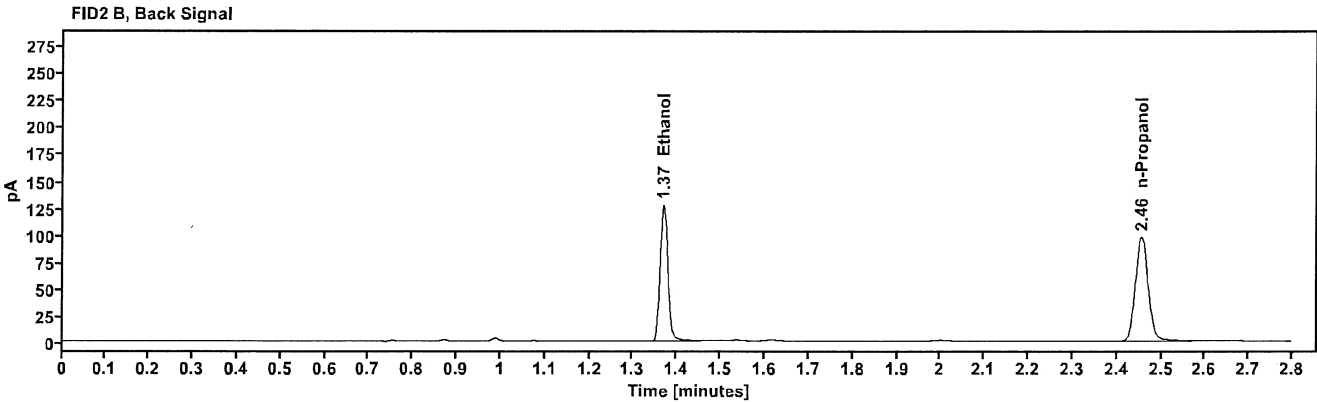
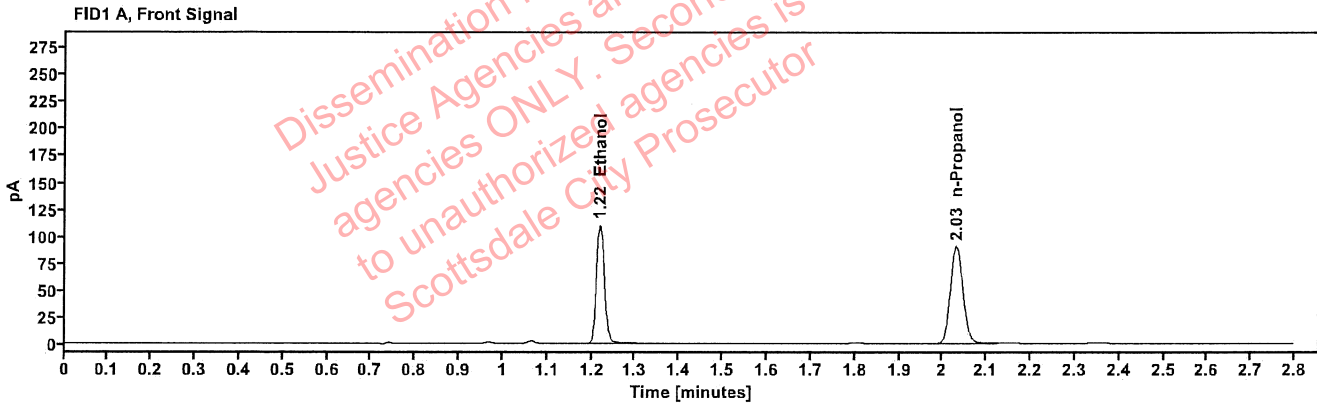


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2182	1.219	140.978
n-Propanol	---	2.031	180.846

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

Compound	Time (min)	Peak Area
Ethanol	1.369	154.769
n-Propanol	2.456	195.630

[REDACTED]: Abbott, Lori - (10-Jul-2024)

Case: [REDACTED] User: LAbbott 7/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413604-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:54:22 PM
Data file:	C:\Chem32\1\Data\09Jul24\36.D	Analyst:	Abbott

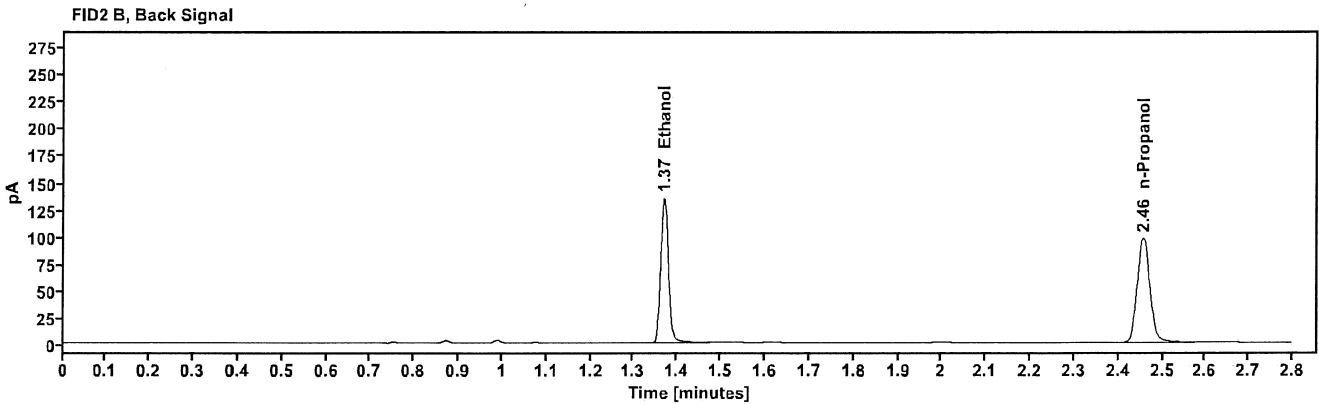
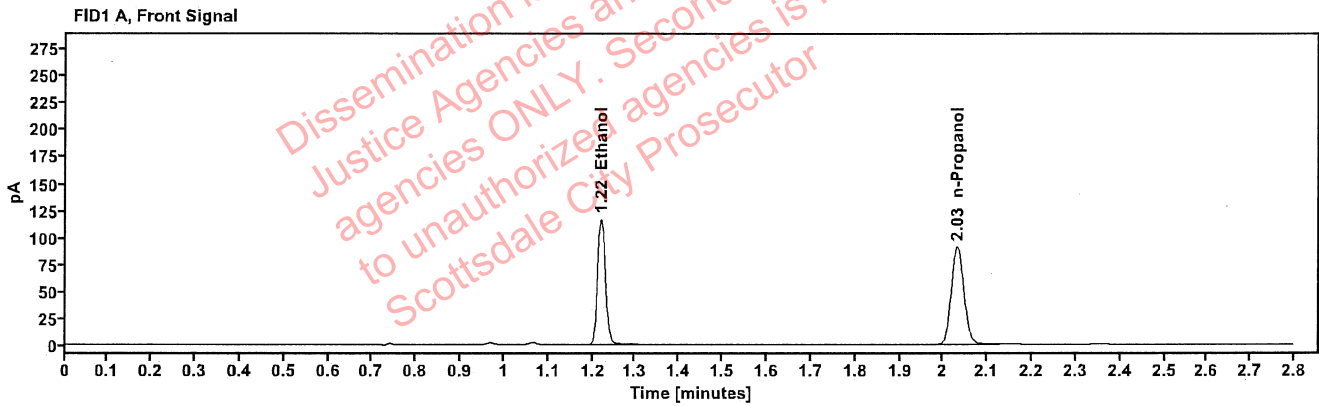


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2311	1.219	150.075
n-Propanol	-----	2.032	181.767

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

Compound	Time (min)	Peak Area
Ethanol	1.369	166.062
n-Propanol	2.457	196.807

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413604-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 2:58:37 PM
Data file:	C:\Chem32\1\Data\09Jul24\37.D	Analyst:	Abbott

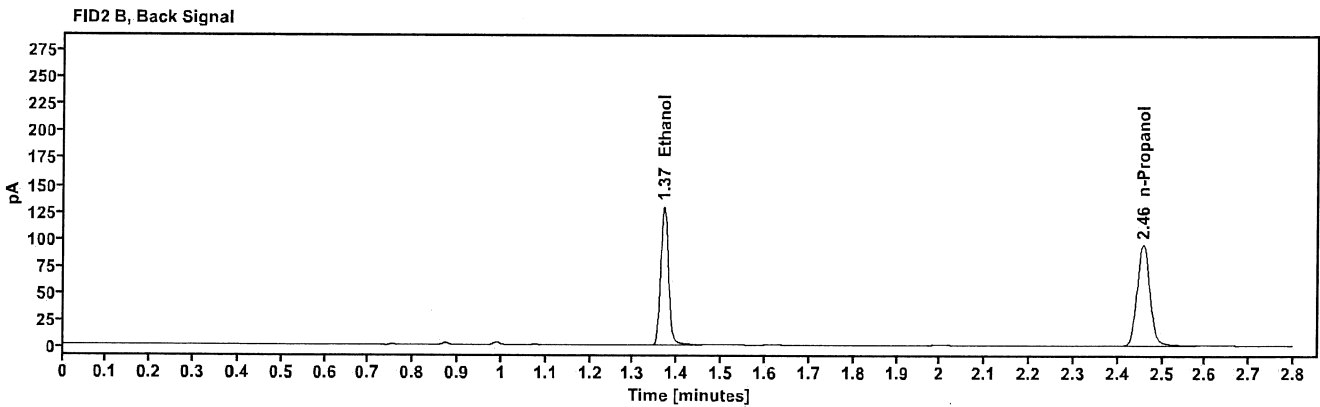
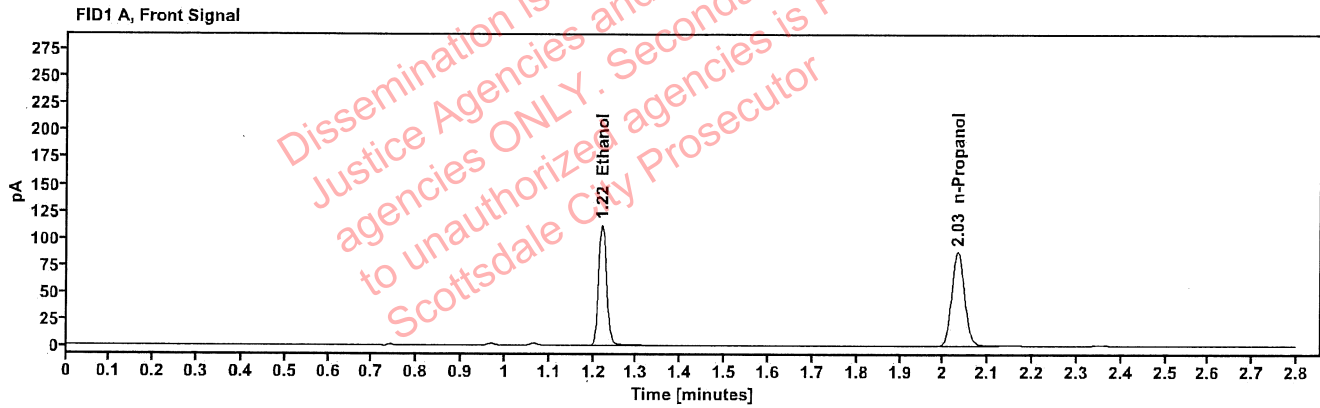


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2301	1.220	143.815
n-Propanol	---	2.032	174.919

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

Compound	Time (min)	Peak Area
Ethanol	1.369	157.872
n-Propanol	2.457	189.566



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413636-4	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:02:37 PM
Data file:	C:\Chem32\1\Data\09Jul24\38.D	Analyst:	Abbott

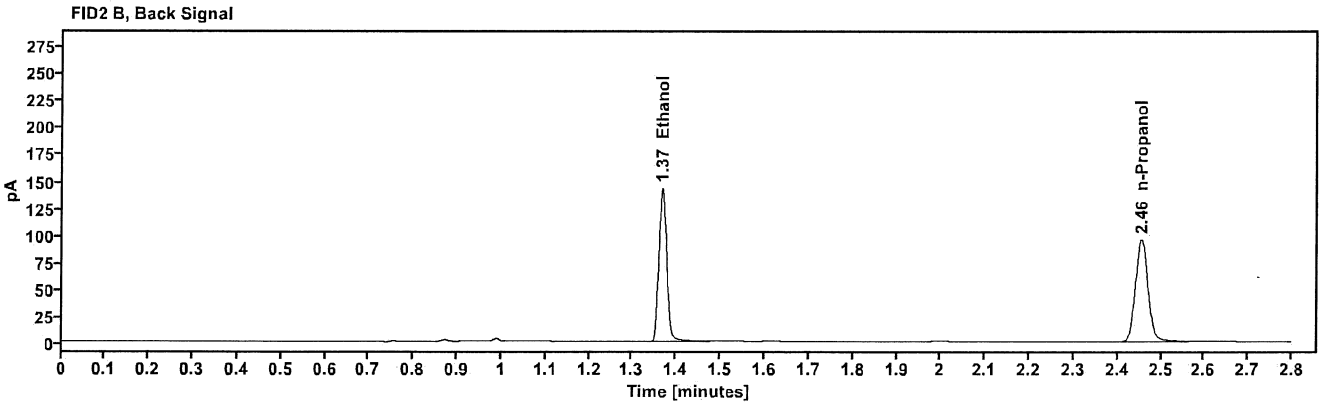
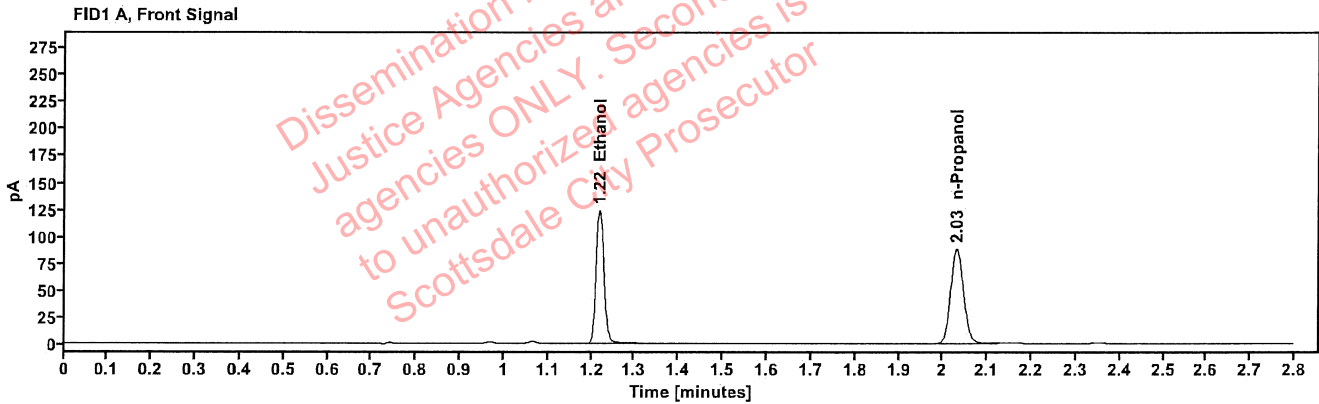


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2513	1.218	158.542
n-Propanol	---	2.030	176.524

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

Compound	Time (min)	Peak Area
Ethanol	1.368	175.485
n-Propanol	2.455	190.575

[REDACTED]: Abbott, Lori - (10-Jul-2024)

Case: [REDACTED] User: LAbbott 7/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413636-4	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:06:37 PM
Data file:	C:\Chem32\1\Data\09Jul24\39.D	Analyst:	Abbott

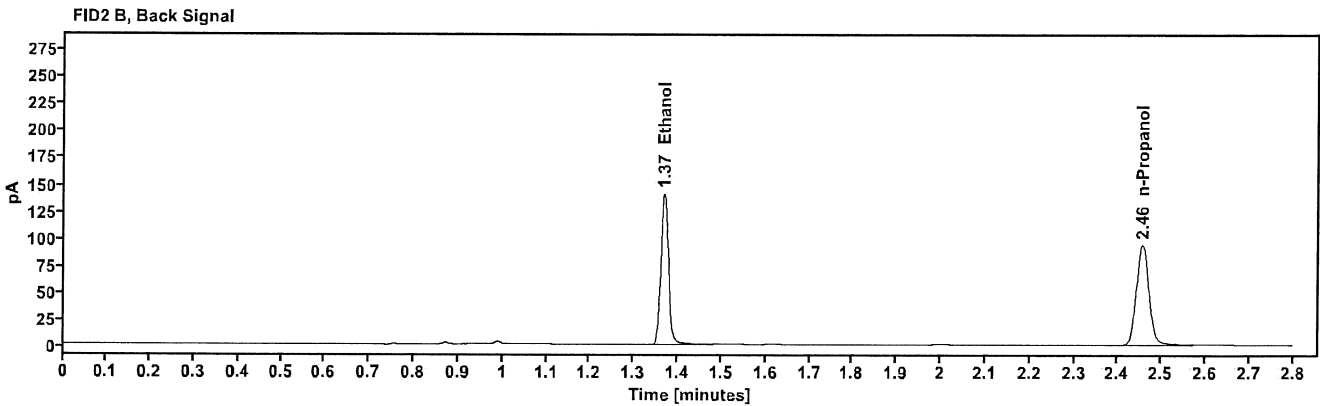
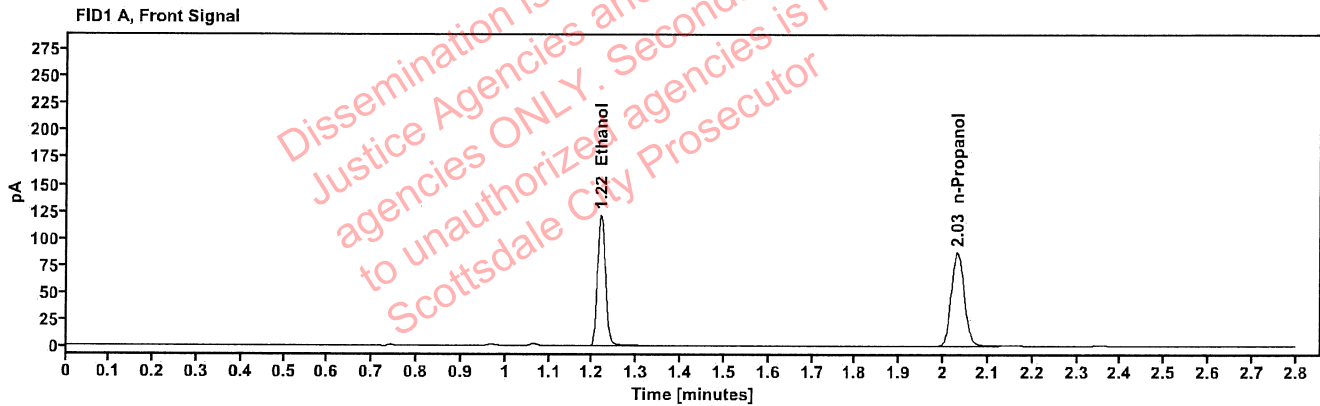


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2497	1.219	155.167
n-Propanol	---	2.031	173.878

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

Compound	Time (min)	Peak Area
Ethanol	1.368	171.761
n-Propanol	2.456	187.954

[REDACTED]: Abbott, Lori - (10-Jul-2024)

Case: [REDACTED] User: LAbbott 7/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413661-2	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:10:37 PM
Data file:	C:\Chem32\1\Data\09Jul24\40.D	Analyst:	Abbott

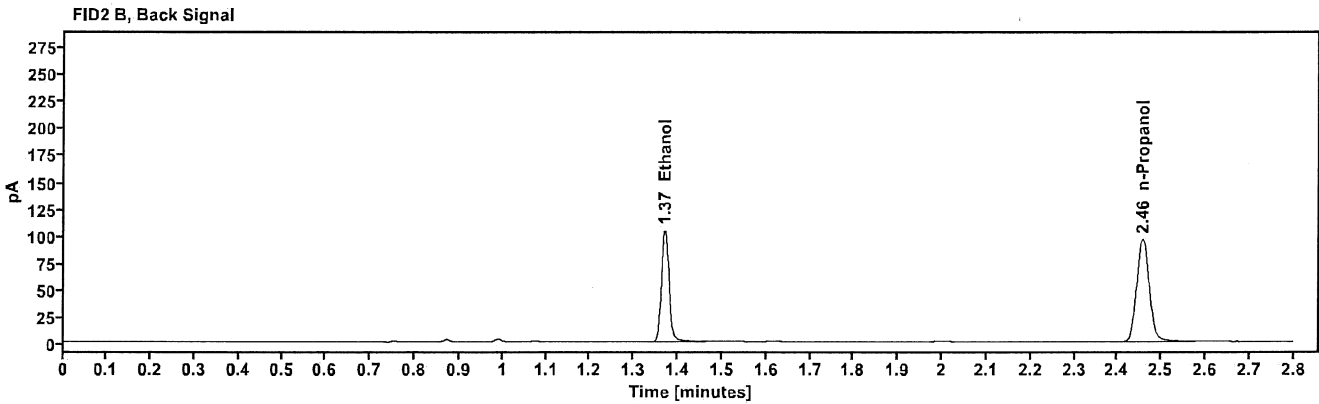
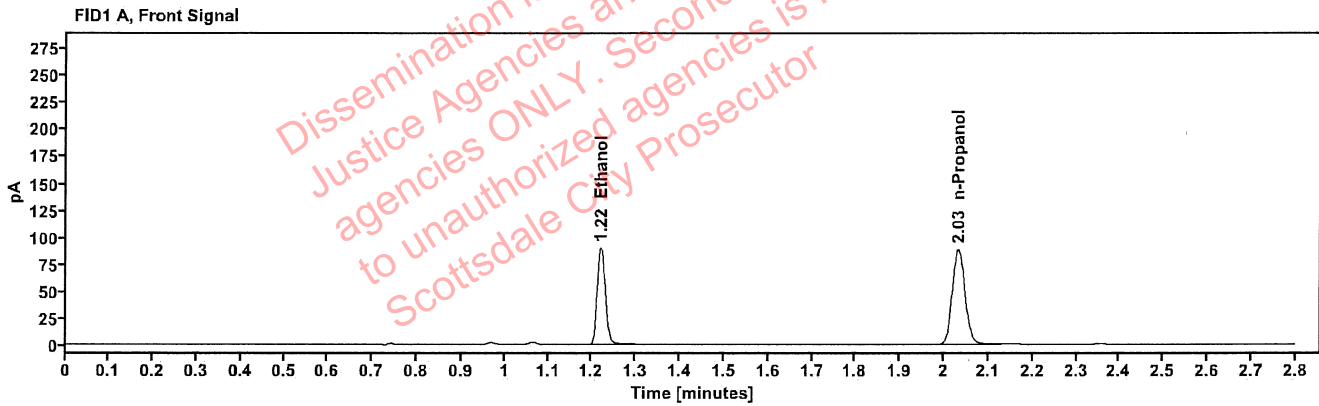


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1826	1.220	115.222
n-Propanol	-----	2.032	176.751

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

Compound	Time (min)	Peak Area
Ethanol	1.369	126.764
n-Propanol	2.457	191.363

[REDACTED]: Abbott, Lori - (10-Jul-2024)

Case: [REDACTED] User: LAbbott 7/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413661-2	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:14:36 PM
Data file:	C:\Chem32\1\Data\09Jul24\41.D	Analyst:	Abbott

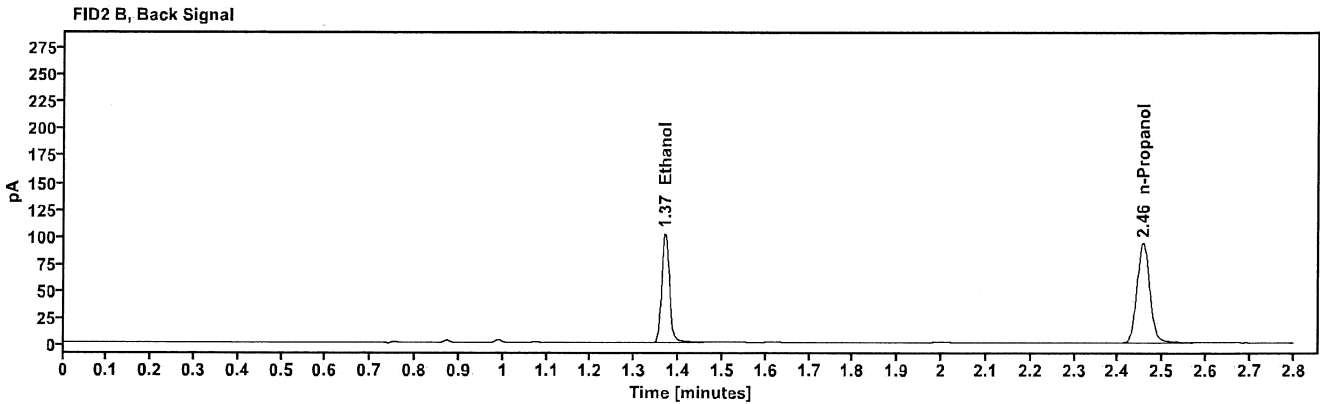
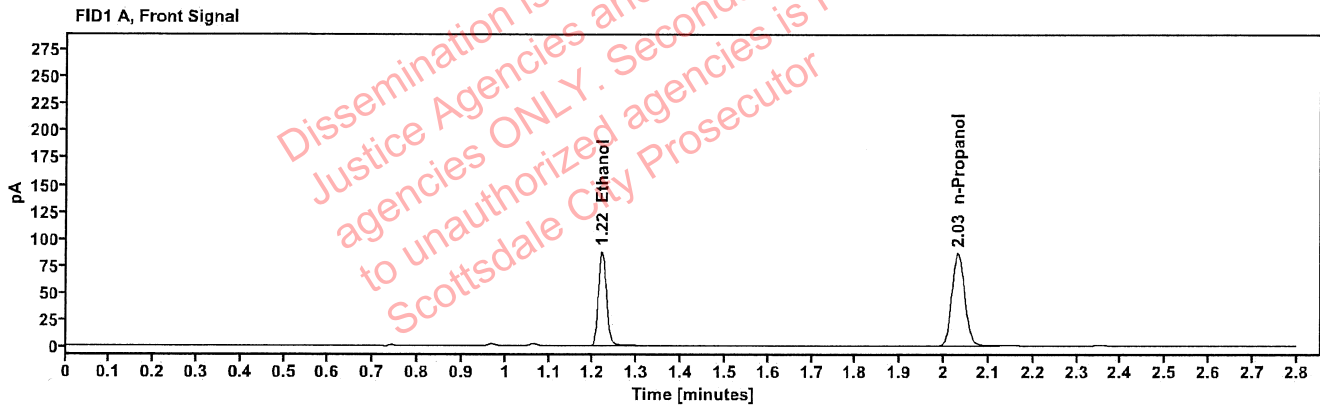


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1824	1.219	112.475
n-Propanol	-----	2.031	172.776

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

Compound	Time (min)	Peak Area
Ethanol	1.369	123.563
n-Propanol	2.455	186.921

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413662-2	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:22:53 PM
Data file:	C:\Chem32\1\Data\09Jul24\43.D	Analyst:	Abbott

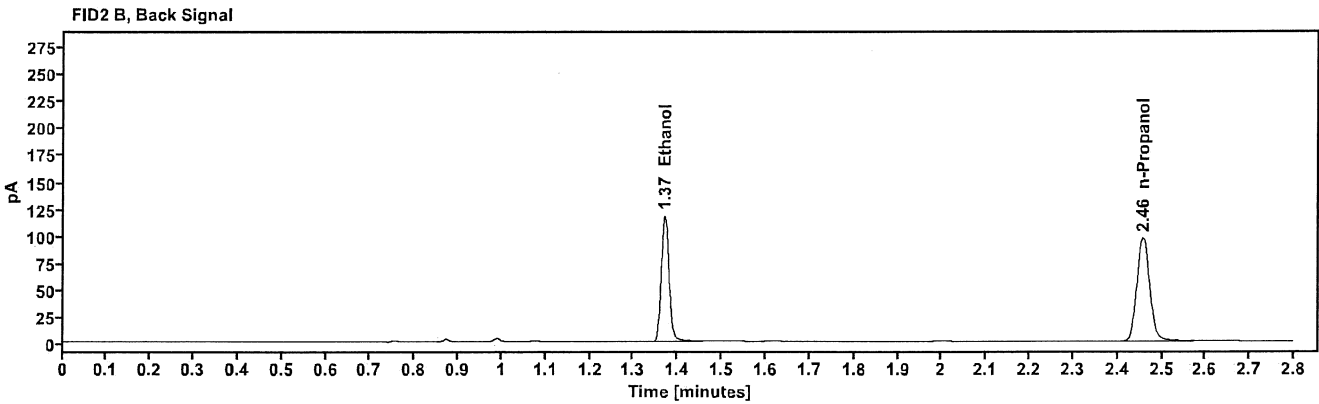
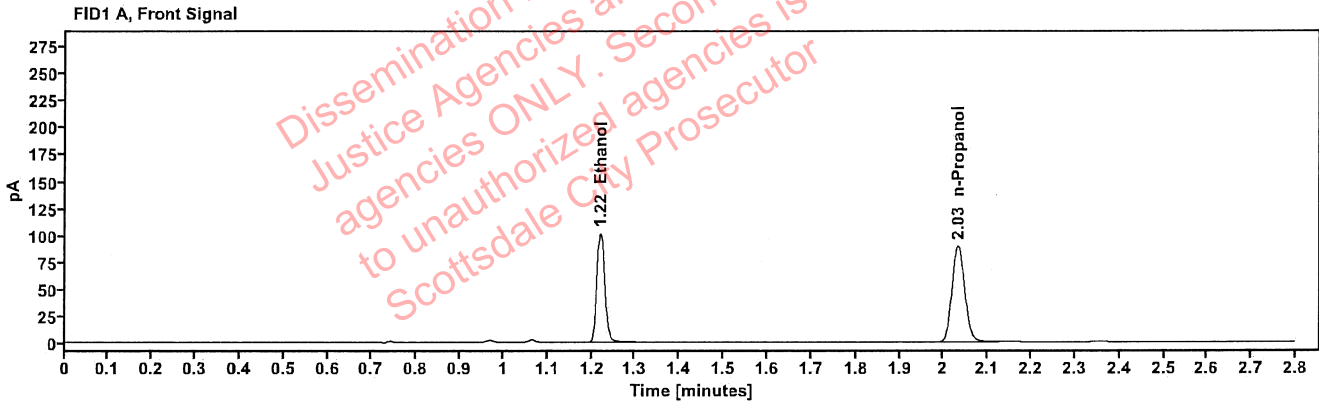


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2038	1.220	130.573
n-Propanol	-----	2.032	179.369

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

Compound	Time (min)	Peak Area
Ethanol	1.370	143.448
n-Propanol	2.457	194.213

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413662-2	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:26:53 PM
Data file:	C:\Chem32\1\Data\09Jul24\44.D	Analyst:	Abbott

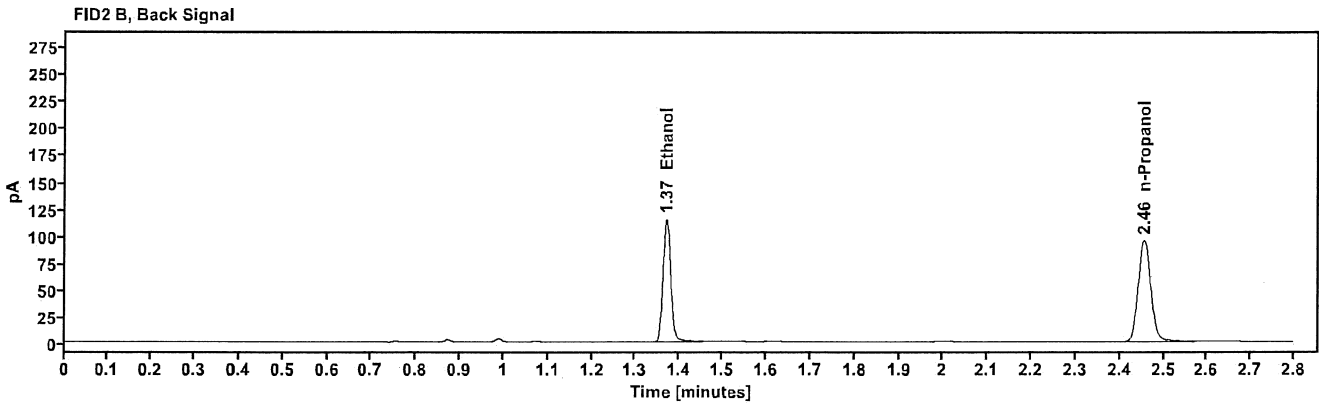
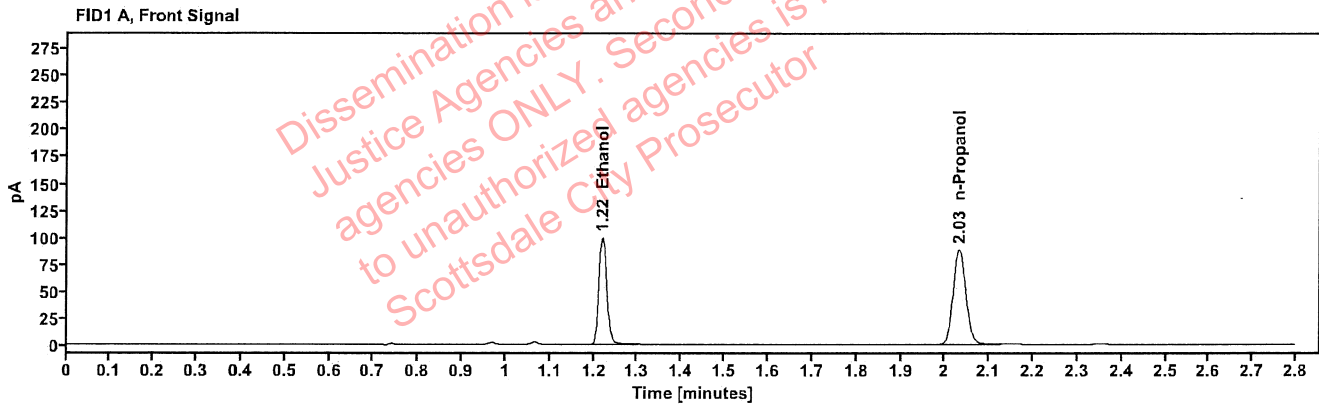


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2021	1.220	127.298
n-Propanol	---	2.031	176.355

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

Compound	Time (min)	Peak Area
Ethanol	1.369	139.852
n-Propanol	2.456	190.732

[REDACTED]: Abbott, Lori - (10-Jul-2024)

Case: [REDACTED] User: LAbbott 7/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413706-1	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:30:53 PM
Data file:	C:\Chem32\1\Data\09Jul24\45.D	Analyst:	Abbott

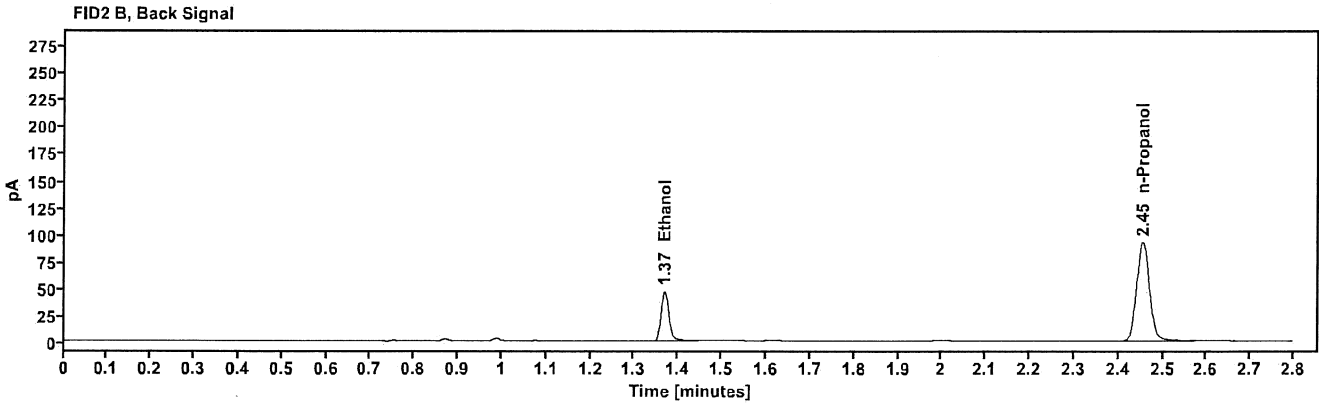
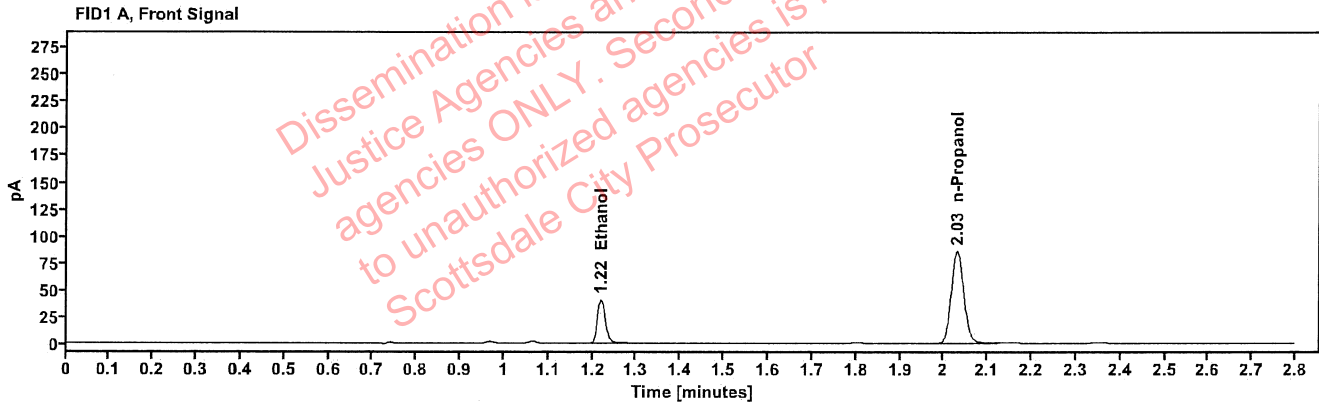


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0857	1.219	52.072
n-Propanol	---	2.030	171.163

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

Compound	Time (min)	Peak Area
Ethanol	1.368	56.988
n-Propanol	2.455	185.436

: Abbott, Lori - (10-Jul-2024)

Case [REDACTED] User: LAbbott 7/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413706-1	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:34:53 PM
Data file:	C:\Chem32\1\Data\09Jul24\46.D	Analyst:	Abbott

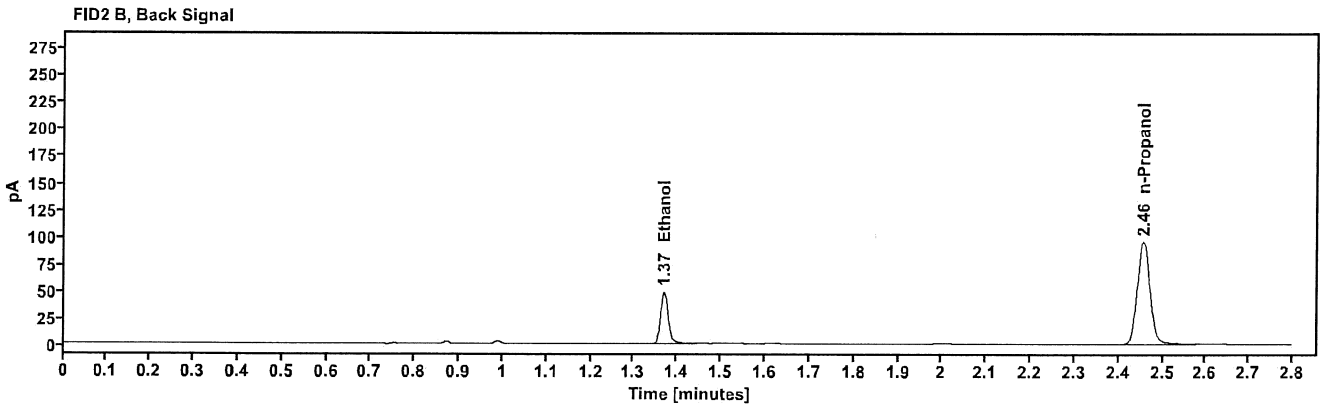
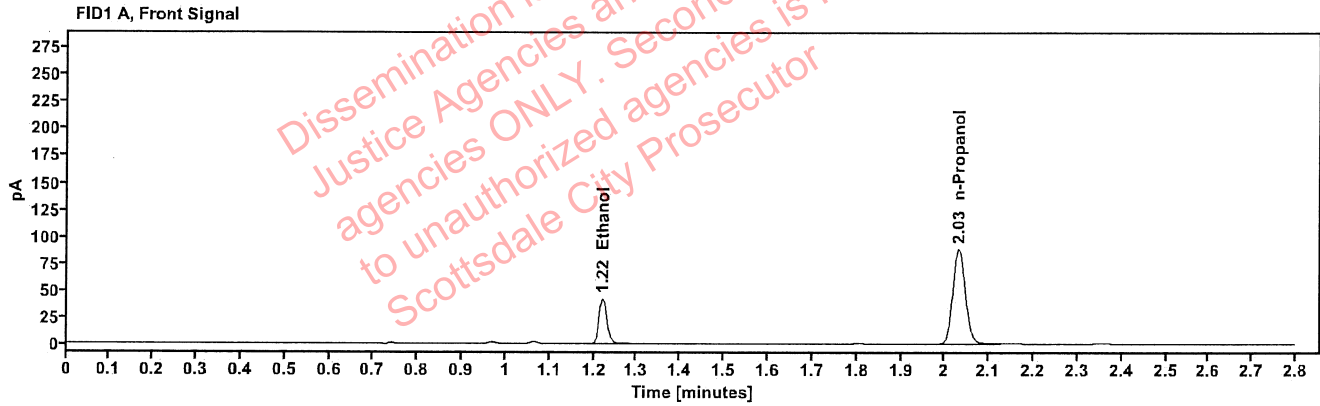


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0860	1.220	53.898
n-Propanol	-----	2.031	176.373

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

Compound	Time (min)	Peak Area
Ethanol	1.369	58.899
n-Propanol	2.456	191.260



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413732-1	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:38:51 PM
Data file:	C:\Chem32\1\Data\09Jul24\47.D	Analyst:	Abbott

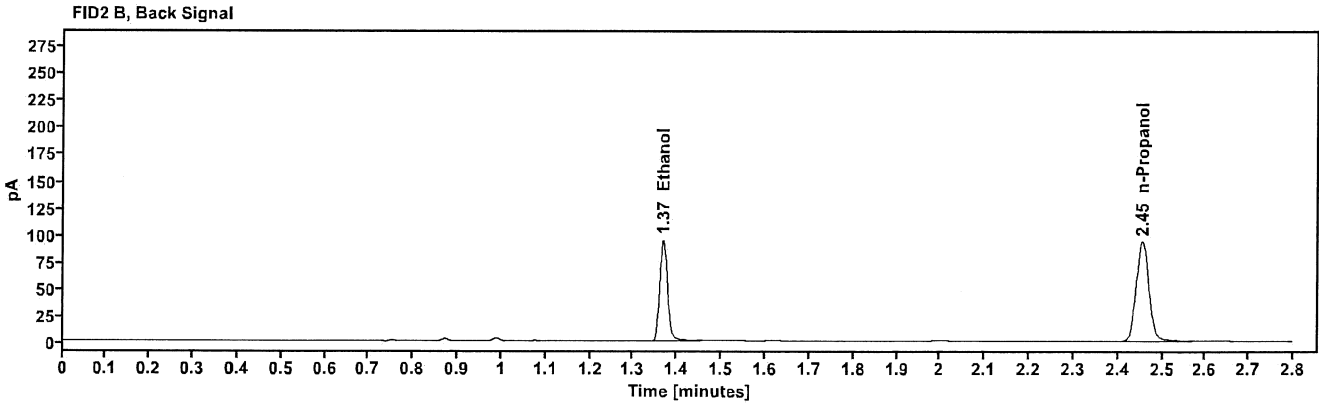
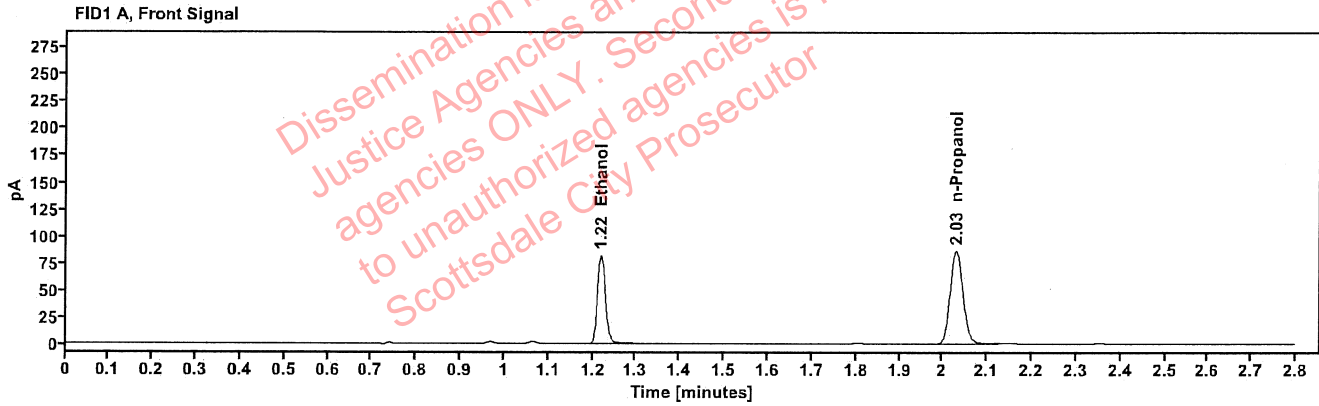


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1698	1.219	104.578
n-Propanol	-----	2.030	172.642

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

Compound	Time (min)	Peak Area
Ethanol	1.368	114.639
n-Propanol	2.454	186.836

[REDACTED] : Abbott, Lori - (10-Jul-2024)

Case: [REDACTED] User: LAbbott 7/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413732-1	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:42:53 PM
Data file:	C:\Chem32\1\Data\09Jul24\48.D	Analyst:	Abbott

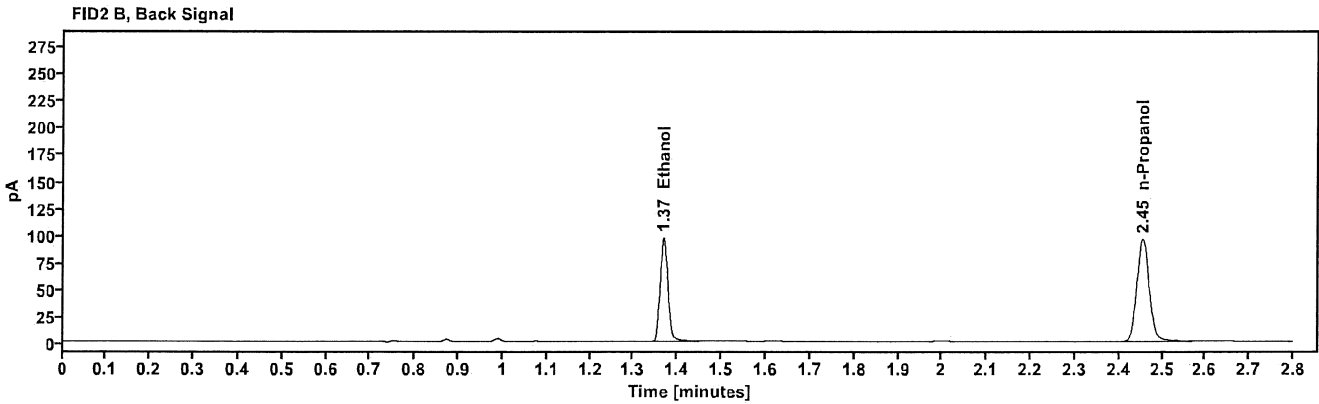
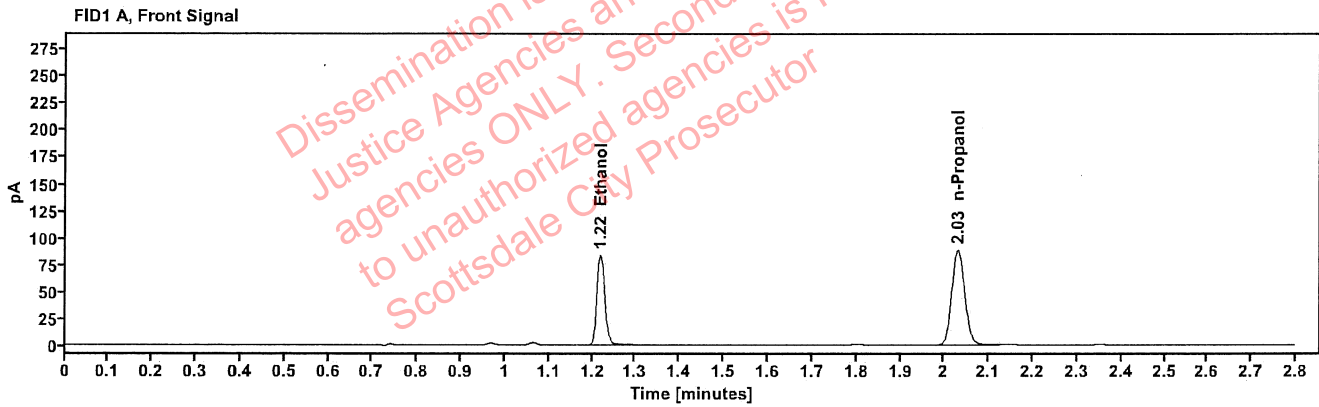


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1700	1.219	107.591
n-Propanol	-----	2.030	177.354

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

Compound	Time (min)	Peak Area
Ethanol	1.368	117.851
n-Propanol	2.455	191.751

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413663-1	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:47:07 PM
Data file:	C:\Chem32\1\Data\09Jul24\49.D	Analyst:	Abbott

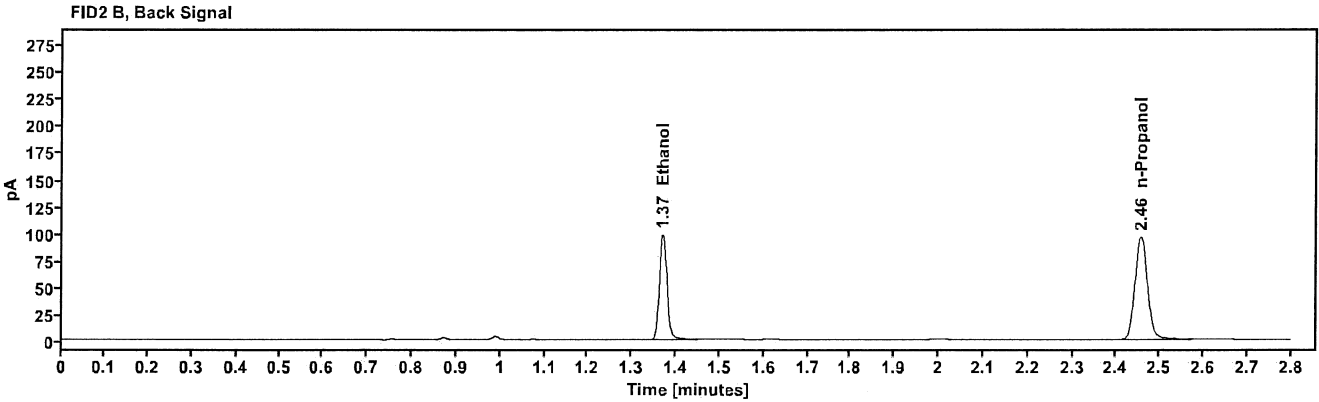
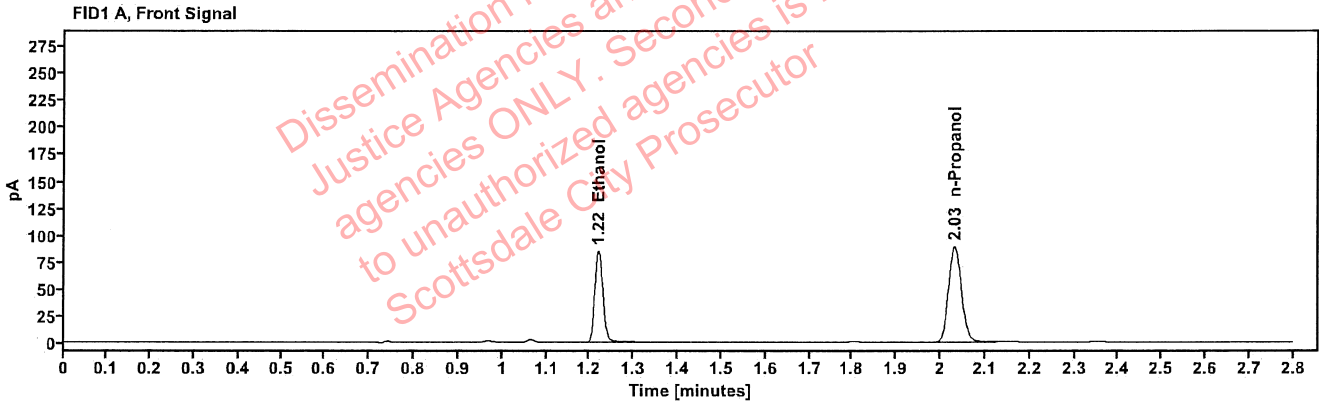


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1710	1.219	108.926
n-Propanol	-----	2.031	178.486

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

Compound	Time (min)	Peak Area
Ethanol	1.369	119.464
n-Propanol	2.456	193.202

[REDACTED] : Abbott, Lori - (10-Jul-2024)

Case: [REDACTED] User: LAbbott 7/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413663-1	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:51:07 PM
Data file:	C:\Chem32\1\Data\09Jul24\50.D	Analyst:	Abbott

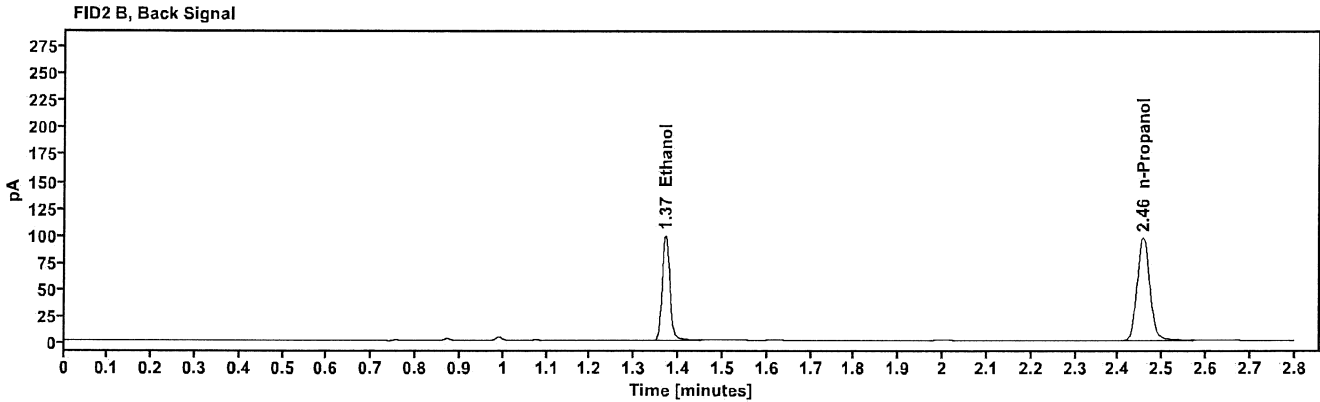
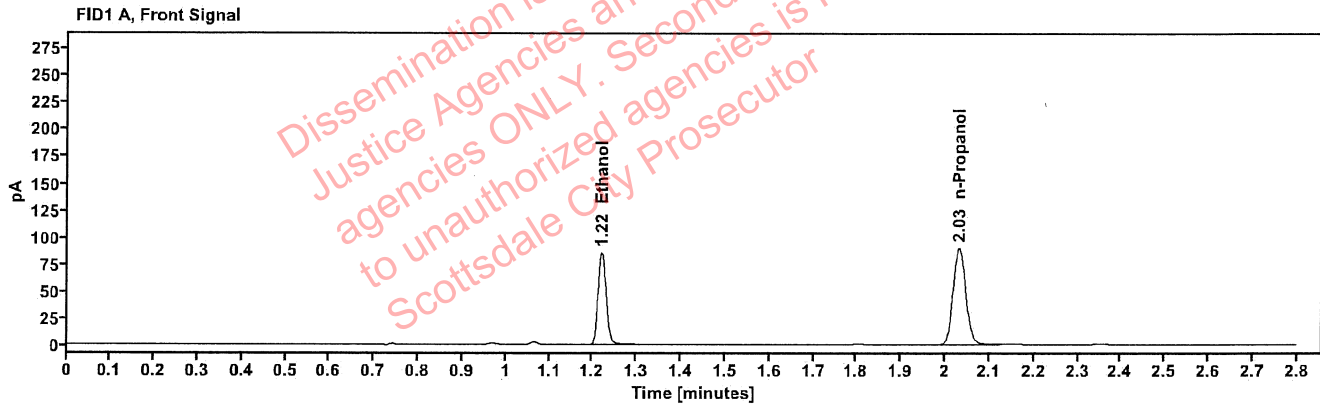


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1711	1.220	109.642
n-Propanol	-----	2.031	179.609

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

Compound	Time (min)	Peak Area
Ethanol	1.370	120.268
n-Propanol	2.456	194.342

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413765-1	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:55:07 PM
Data file:	C:\Chem32\1\Data\09Jul24\51.D	Analyst:	Abbott

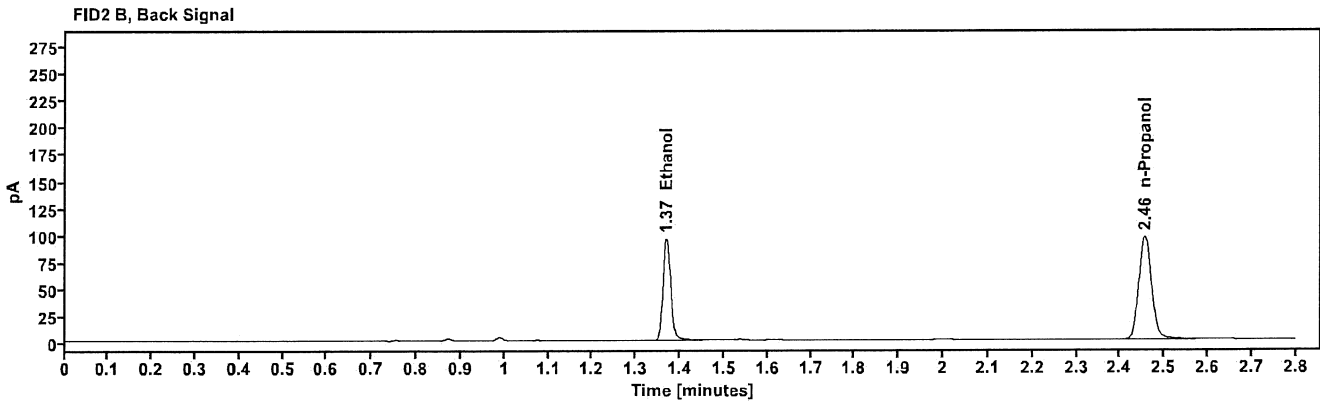
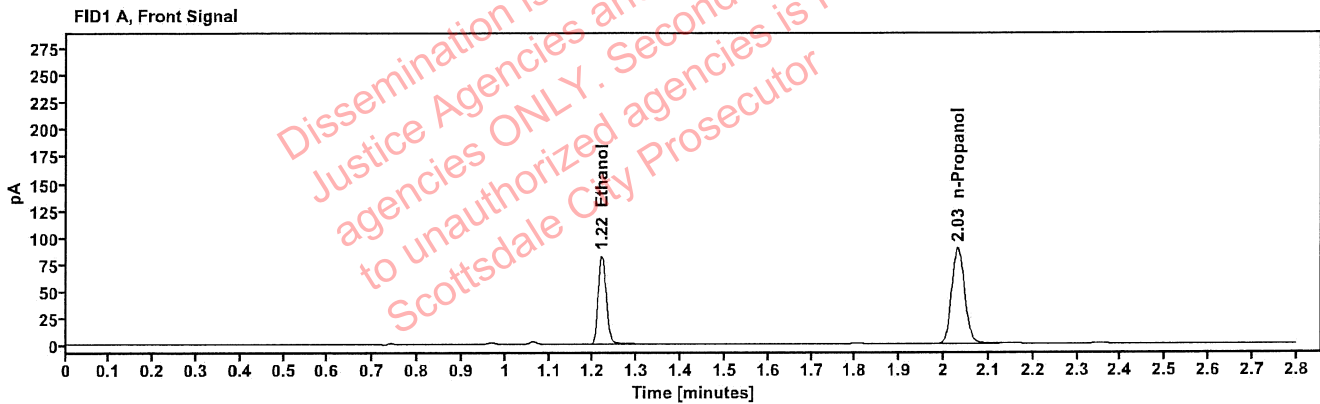


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1656	1.219	105.417
n-Propanol	-----	2.031	178.408

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

Compound	Time (min)	Peak Area
Ethanol	1.369	115.650
n-Propanol	2.456	192.886

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2413765-1	Vial:	52
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	09Jul24
Instrument:	US14173023 CN14160045	Injection date:	7/9/2024 3:59:07 PM
Data file:	C:\Chem32\1\Data\09Jul24\52.D	Analyst:	Abbott

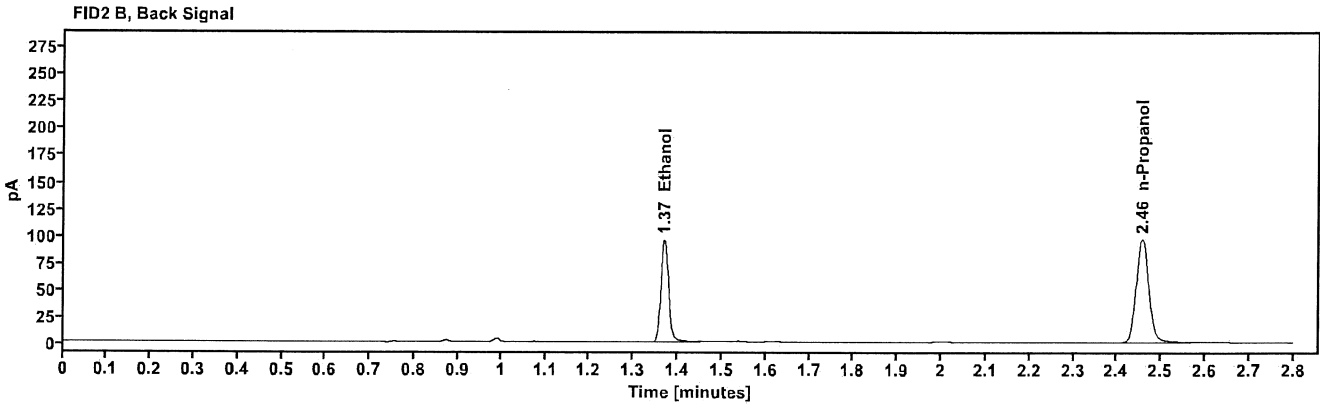
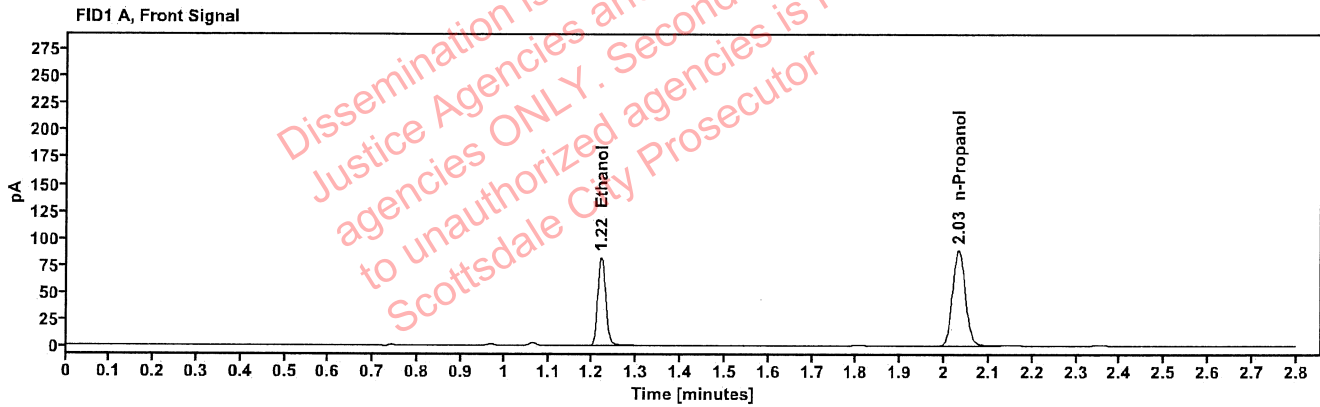


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1653	1.220	105.584
n-Propanol	-----	2.032	179.032

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

Compound	Time (min)	Peak Area
Ethanol	1.369	115.825
n-Propanol	2.457	193.349