

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 05/23/2025

SEQUENCE NAME 23May25

EQUIPMENT

Pipettor ☐ Hamilton ML600GJ10749 ☒ Hamilton ML600EA20851
Gas Chromatograph ☒ Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r^2)
Vial 2 0.10 calibrator Lot FN03072301 0.99991
Vial 3 0.20 calibrator Lot FN03132302
Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 111224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.396 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
9	Blood control	0.203 g/dL	0.199 g/dL	ACQ 4130622206/10
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
42	Aqueous control	0.100 g/dL	0.099 g/dL	Lipomed 517758
53	Aqueous control	0.100 g/dL	0.099 g/dL	Lipomed 517758
56	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 12052023-B
57	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
58	Blood control	0.203 g/dL	0.201 g/dL	ACQ 4130622206/10
59	Blank	Not detected	Not detected	SPD lab 032725AQ

SUBJECT SAMPLES

Subjects in the sequence 17 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. The run also included four permit samples.

Run valid ☒
Run invalid ☐

Piero Bernal
Analyst

Run valid ☒
Run invalid ☐

Erika Canonico
Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

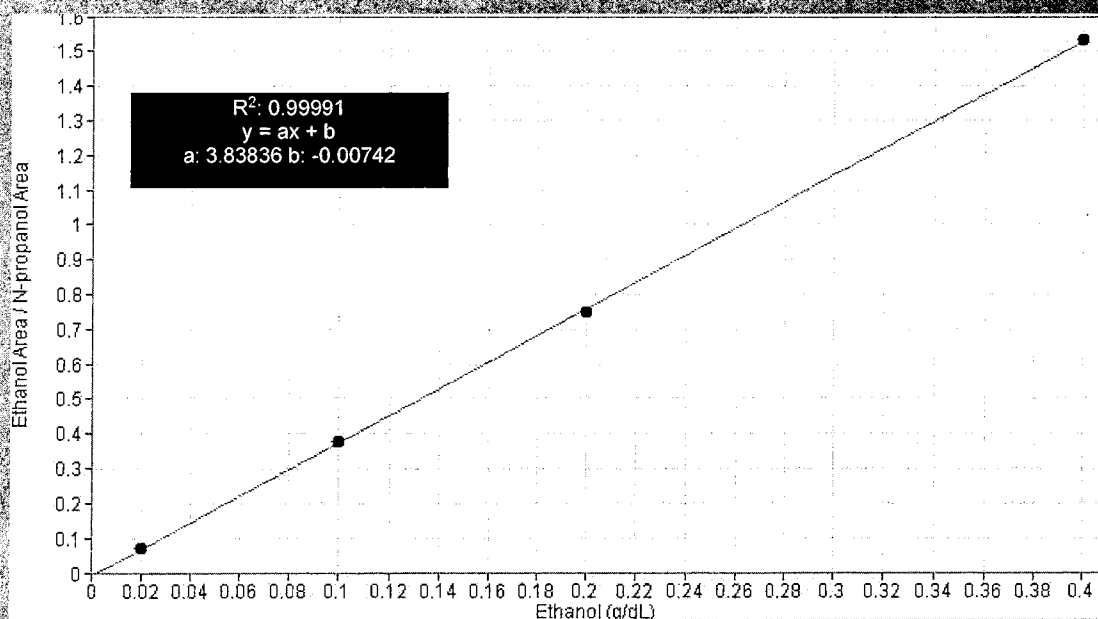
SEQUENCE NAME: 23May25

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 111224WB	5	negative	negative	-	-
0.400 12052023-B	7	0.396	0.400	1.00	-0.004
0.040 518018	8	0.041	0.040	2.50	0.001
0.203 4130622206/10	9	0.199	0.203	1.97	-0.004
0.100 517758	20	0.101	0.100	1.00	0.001
0.100 517758	31	0.100	0.100	0.00	0.000
0.100 517758	42	0.099	0.100	1.00	-0.001
0.100 517758	53	0.099	0.100	1.00	-0.001
0.400 12052023-B	56	0.404	0.400	1.00	0.004
0.040 518018	57	0.041	0.040	2.50	0.001
0.203 4130622206/10	58	0.201	0.203	0.99	-0.002
blank 032725AQ	59	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.151	152.861	0.073
0.100	58.903	155.967	0.378
0.200	115.459	153.634	0.752
0.400	240.863	157.243	1.532

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	23May25
Method:	ethanol quant.M	Injection date:	5/23/2025 12:26:24 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\11\Data\23May25\1.D		

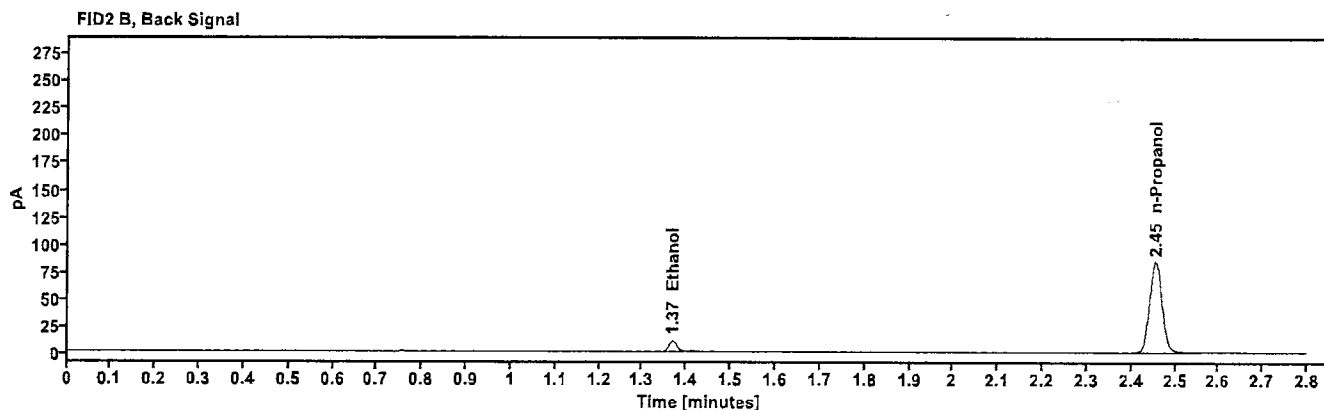
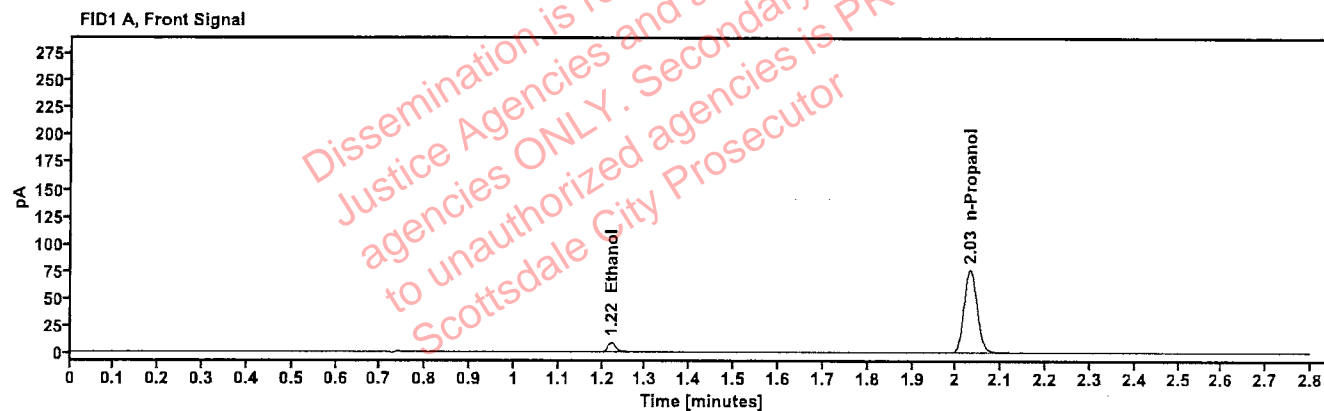


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	11.151
n-Propanol	2.031	152.861

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

Compound	Time (min)	Peak Area
Ethanol	1.368	12.312
n-Propanol	2.455	166.749

Scottsdale Police Department Crime Lab Volatiles Analysis

RS

Sample:	FN03072301	Vial:	2
Description:	0.100 calibrator	Sequence:	23May25
Method:	ethanol quant.M	Injection date:	5/23/2025 12:30:23 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\23May25\2.D		

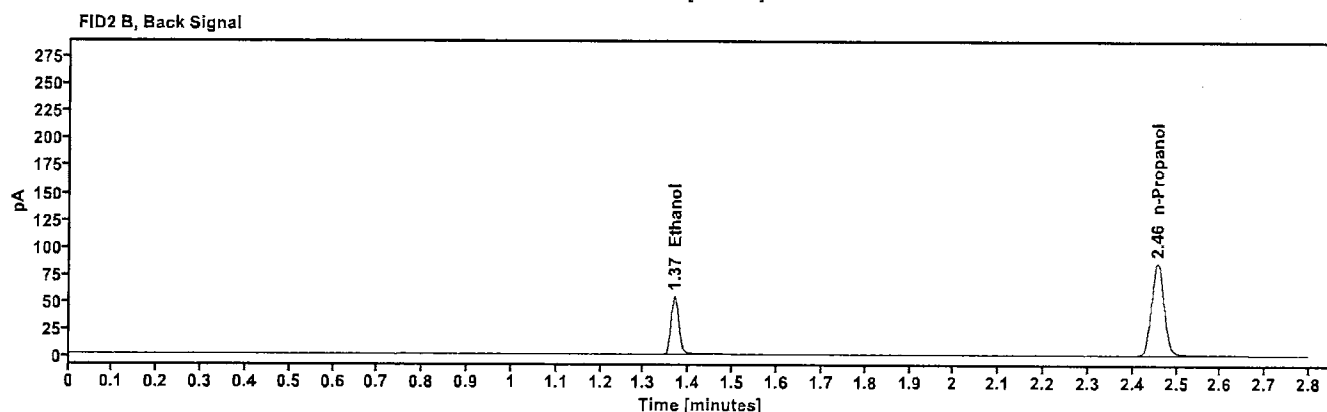
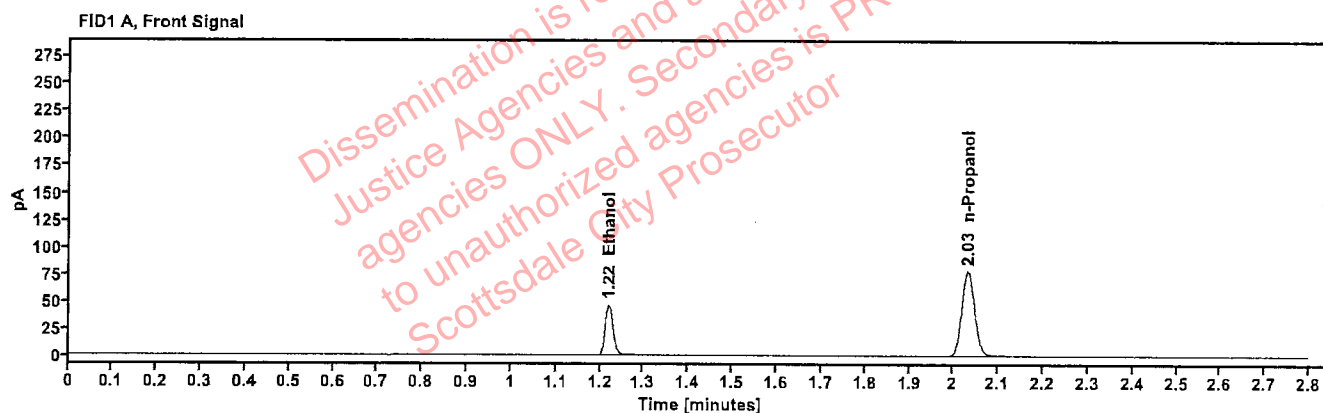


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.220	58.903
n-Propanol	2.032	155.967

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

Compound	Time (min)	Peak Area
Ethanol	1.368	64.677
n-Propanol	2.456	169.970

Scottsdale Police Department Crime Lab Volatiles Analysis

YB

Sample:	FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	23May25
Method:	ethanol quant.M	Injection date:	5/23/2025 12:34:23 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\11\Data\23May25\3.D		

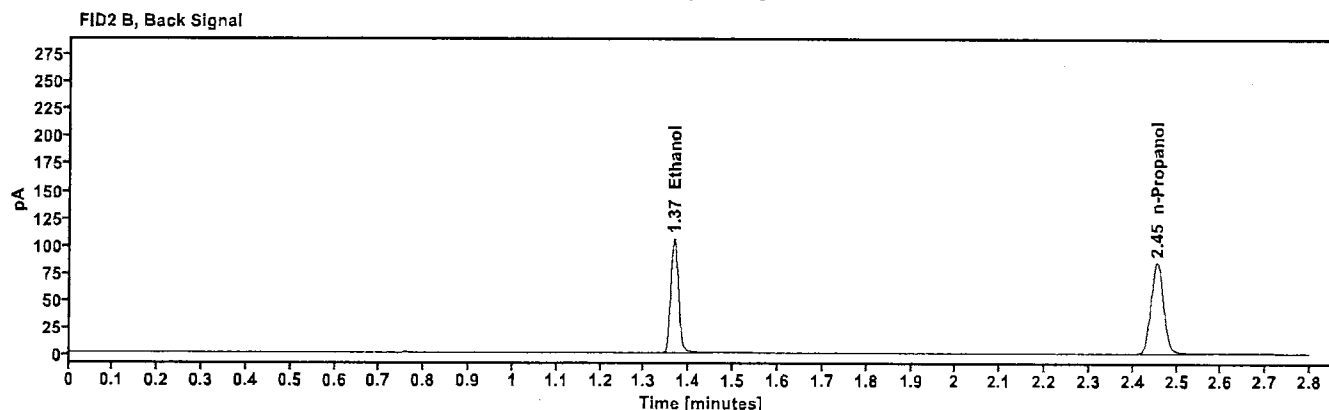
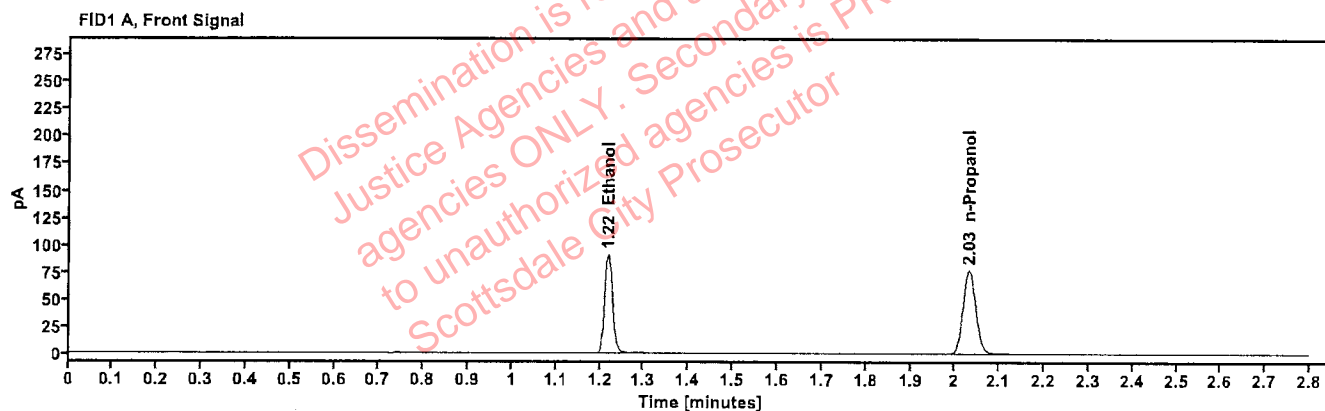


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	115.459
n-Propanol	2.031	153.634

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

Compound	Time (min)	Peak Area
Ethanol	1.366	126.985
n-Propanol	2.455	167.257

Scottsdale Police Department Crime Lab Volatiles Analysis

YJB

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	23May25
Method:	ethanol quant.M	Injection date:	5/23/2025 12:38:23 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\23May25\4.D		

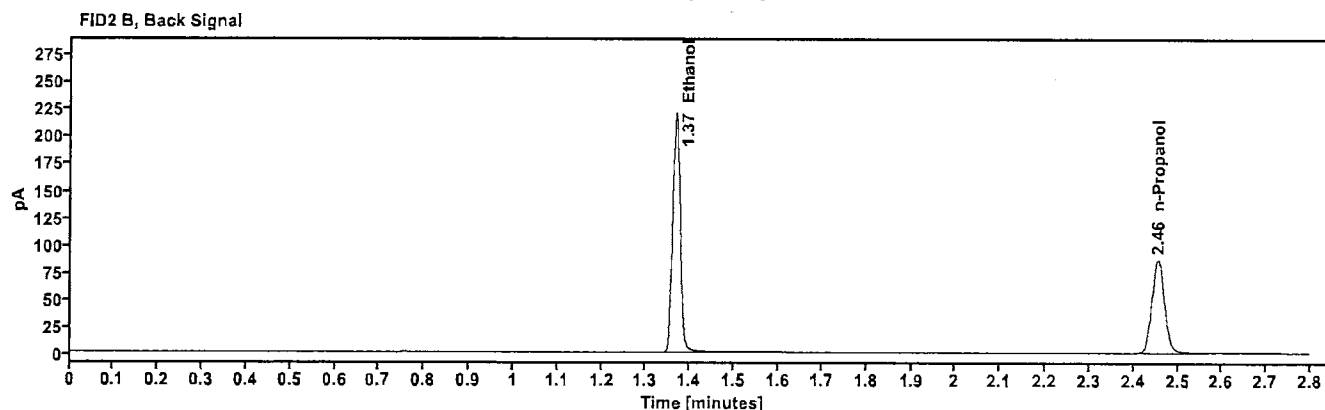
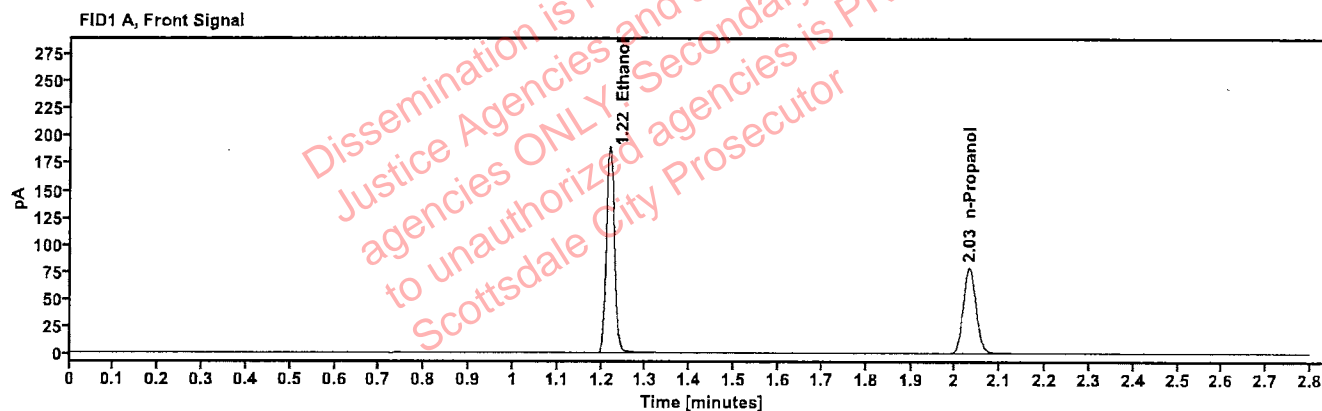


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	240.863
n-Propanol	2.031	157.243

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

Compound	Time (min)	Peak Area
Ethanol	1.367	265.730
n-Propanol	2.455	170.969

Scottsdale Police Department Crime Lab Volatiles Analysis

PB

Sample:	111224WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 12:42:24 PM
Data file:	C:\Chem32\1\Data\23May25\5.D	Analyst:	Brooke

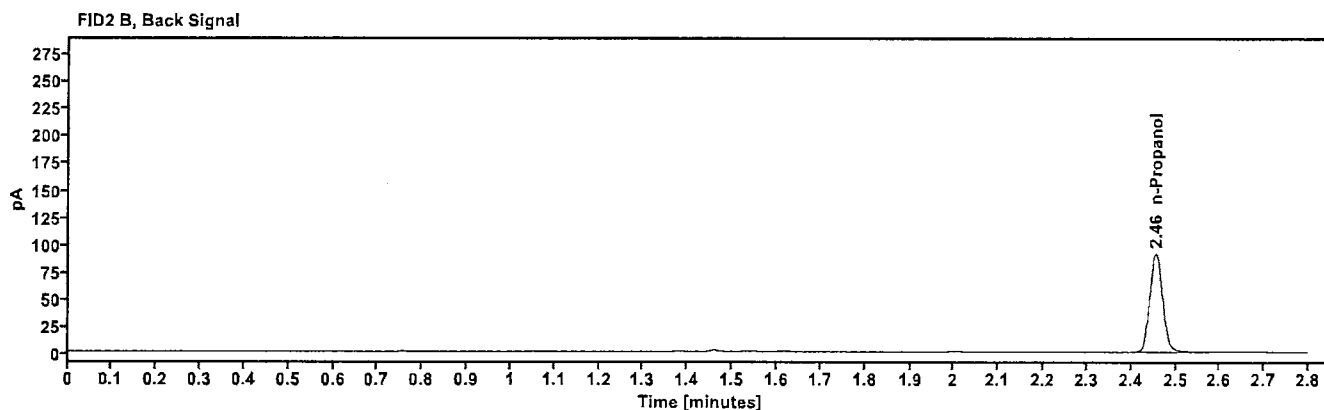
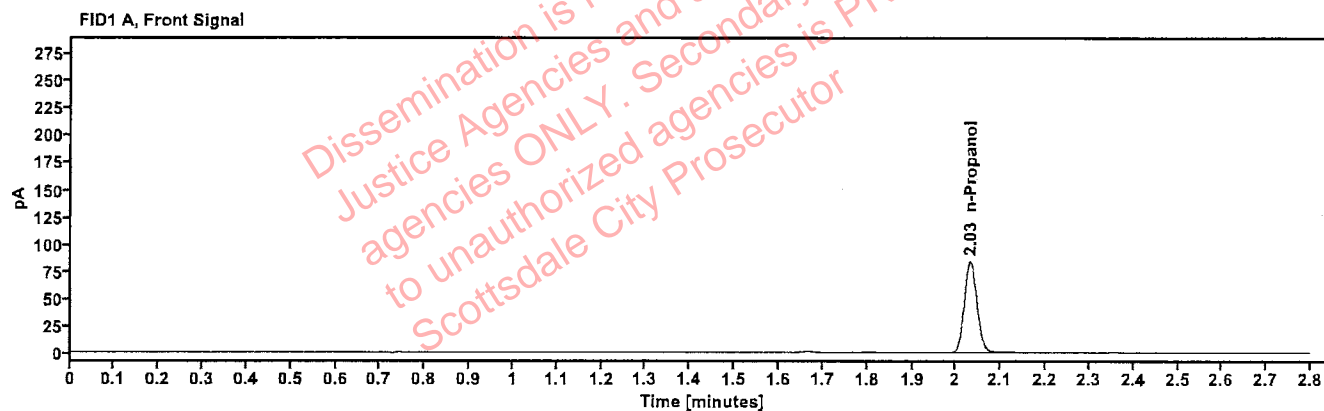


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.032	166.828

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

Compound	Time (min)	Peak Area
n-Propanol	2.456	181.677

Scottsdale Police Department Crime Lab Volatiles Analysis

RG

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 12:46:23 PM
Data file:	C:\Chem32\1\Data\23May25\6.D	Analyst:	Brooke

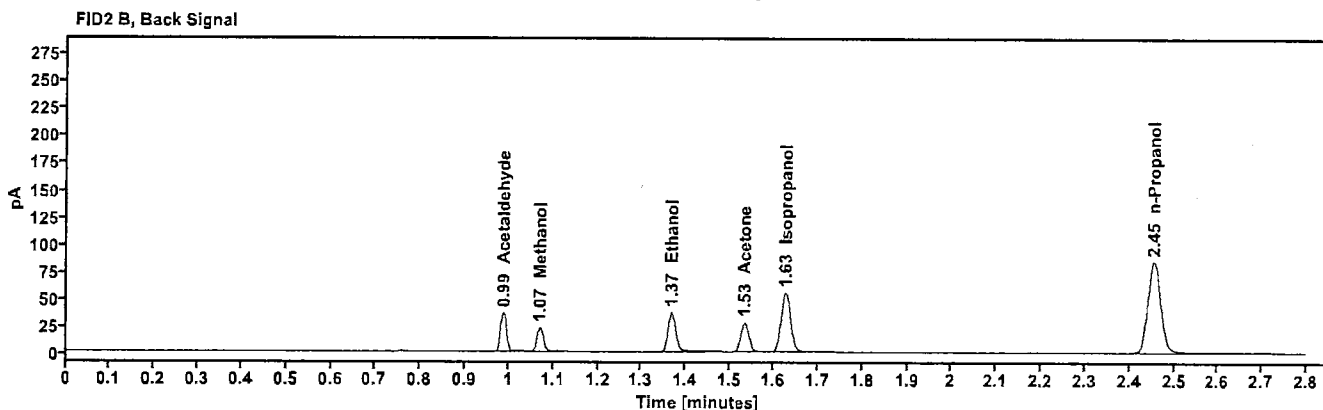
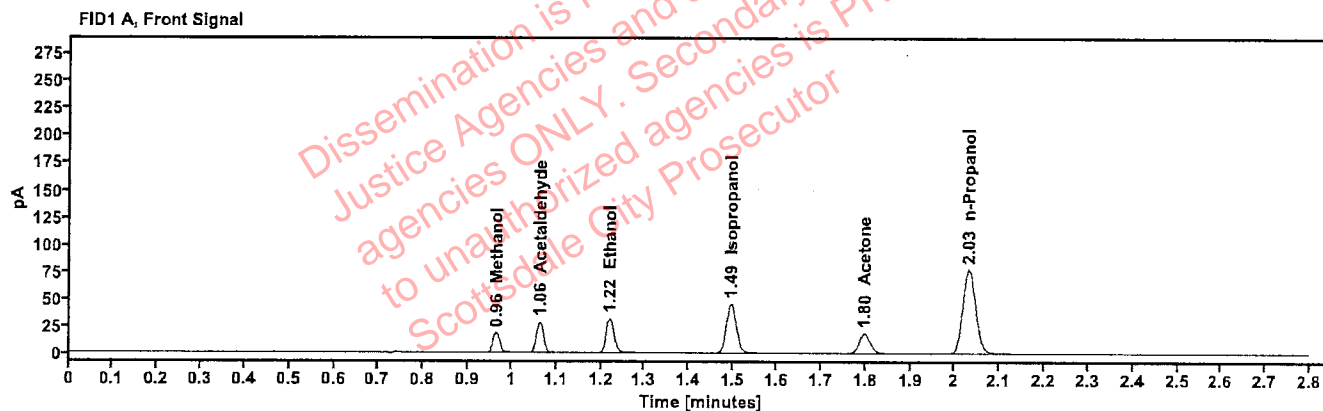


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.964	20.586
Acetaldehyde	-----	1.063	30.957
>Ethanol	0.0698	1.219	40.265
Isopropanol	-----	1.495	72.964
Acetone	-----	1.798	31.385
n-Propanol	-----	2.031	154.483

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	34.718
Methanol	1.070	22.805
Ethanol	1.367	44.094
Acetone	1.534	34.653
Isopropanol	1.628	80.525
n-Propanol	2.455	167.812

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 12:50:38 PM
Data file:	C:\Chem32\1\Data\23May25\7.D	Analyst:	Brooke

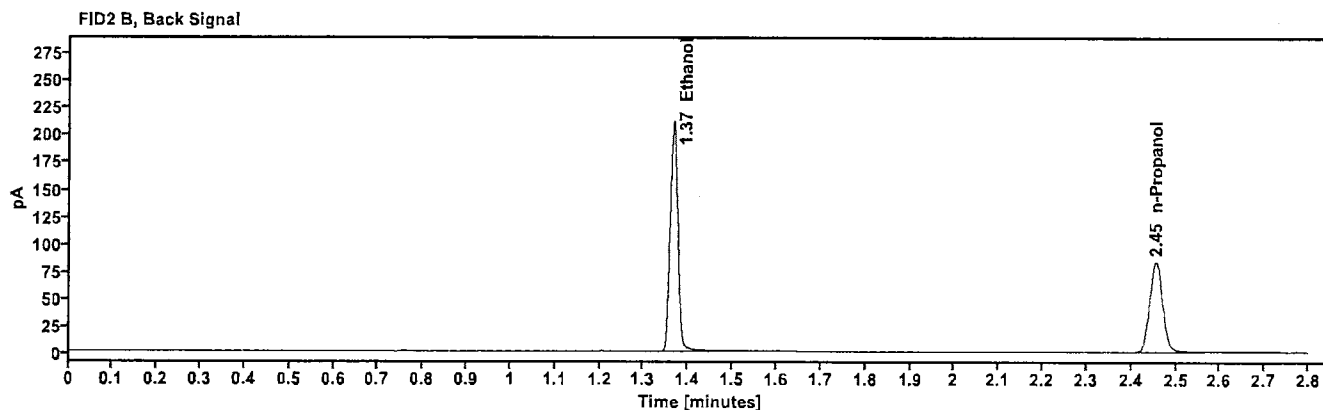
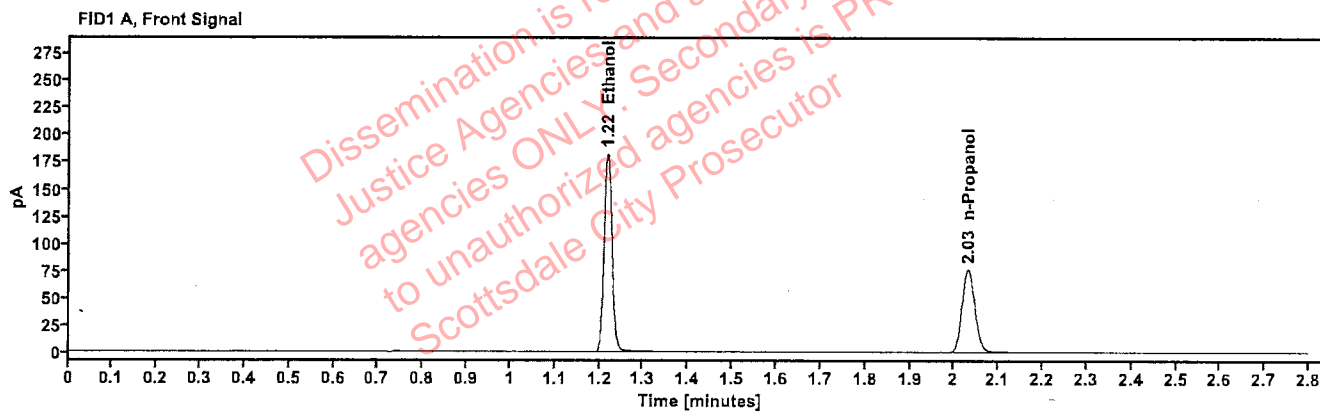


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3963	1.218	231.695
n-Propanol	---	2.031	153.079

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

Compound	Time (min)	Peak Area
Ethanol	1.366	255.477
n-Propanol	2.455	166.151

Scottsdale Police Department Crime Lab Volatiles Analysis

YB

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 12:54:39 PM
Data file:	C:\Chem32\1\Data\23May25\8.D	Analyst:	Brooke

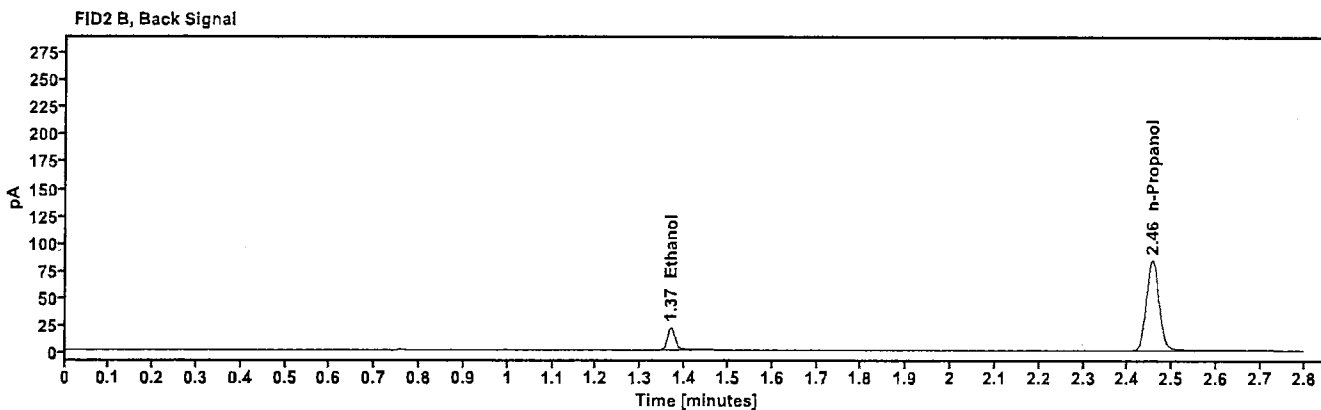
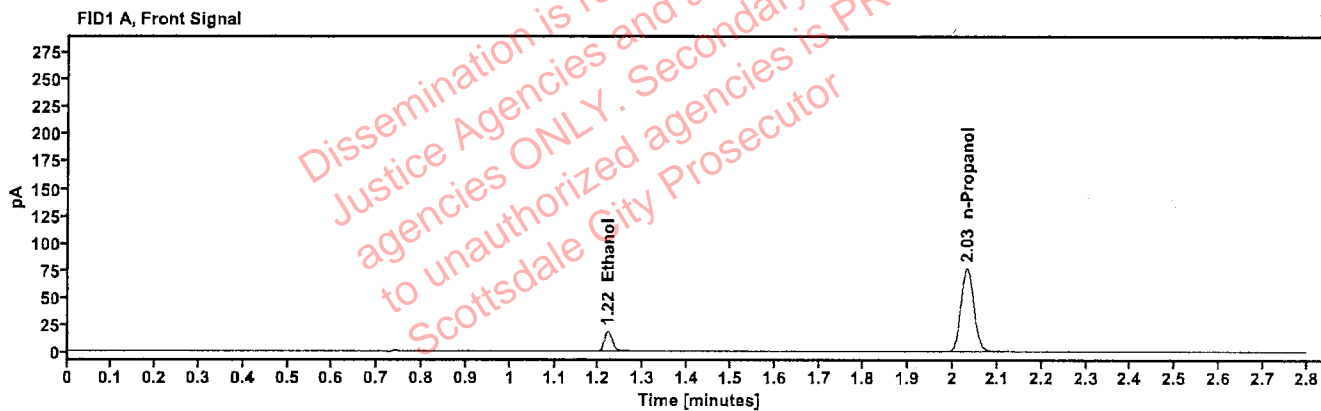


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.220	23.140
n-Propanol	-----	2.031	153.825

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

Compound	Time (min)	Peak Area
Ethanol	1.368	25.292
n-Propanol	2.455	166.963

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	4130622206/10	Vial:	9
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 12:58:38 PM
Data file:	C:\Chem32\1\Data\23May25\9.D	Analyst:	Brooke

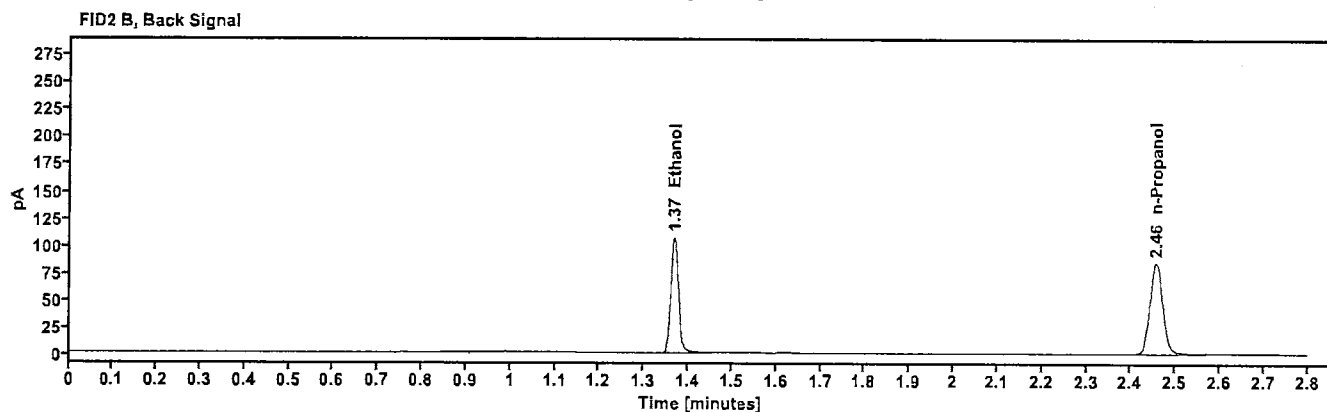
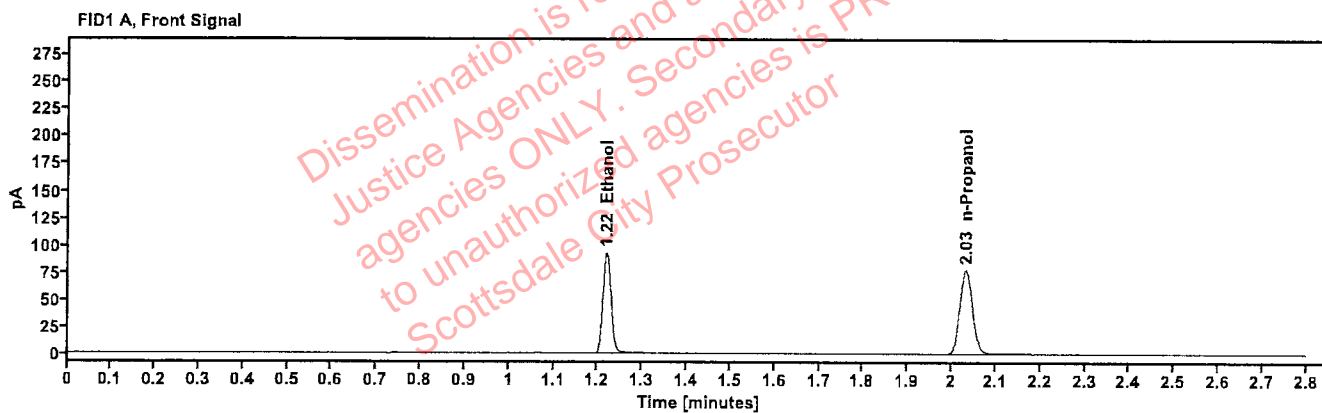


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1997	1.219	117.599
n-Propanol	-----	2.032	154.920

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

Compound	Time (min)	Peak Area
Ethanol	1.368	129.304
n-Propanol	2.456	168.396

Scottsdale Police Department Crime Lab Volatiles Analysis

18

Sample:	517758	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:43:08 PM
Data file:	C:\Chem32\1\Data\23May25\20.D	Analyst:	Brooke

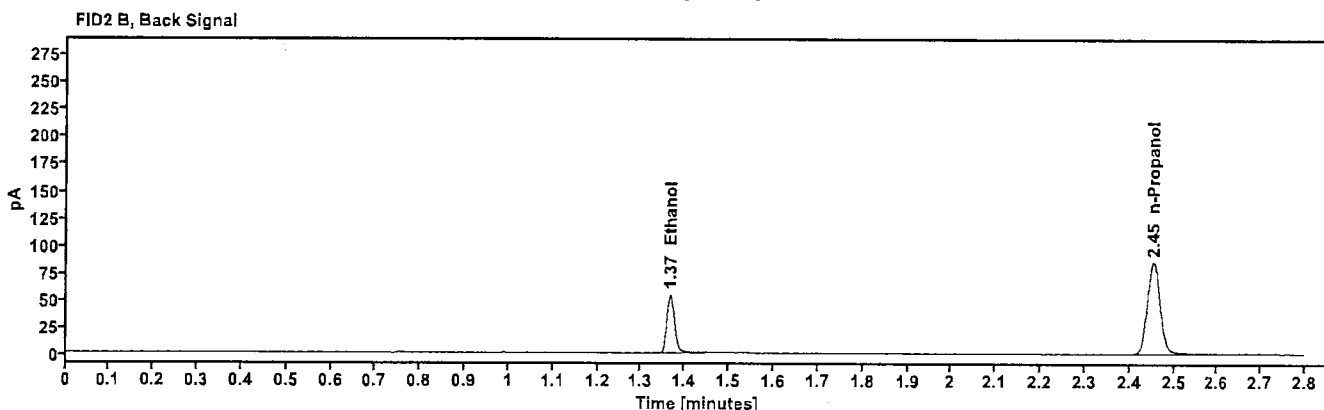
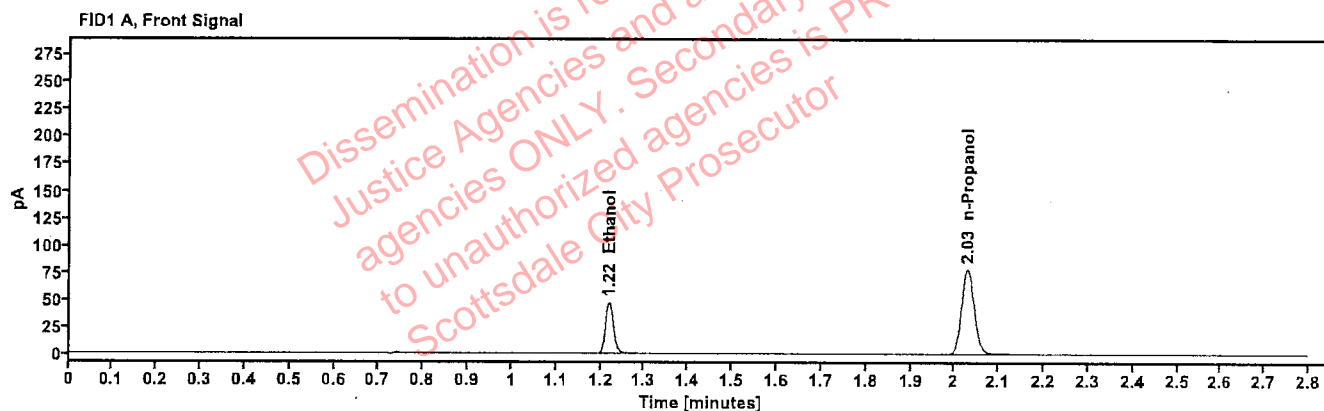


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1010	1.218	59.639
n-Propanol	-----	2.030	156.905

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

Compound	Time (min)	Peak Area
Ethanol	1.367	65.361
n-Propanol	2.454	170.021

Scottsdale Police Department Crime Lab Volatiles Analysis

MB

Sample:	517758	Vial:	31
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:27:38 PM
Data file:	C:\Chem32\1\Data\23May25\31.D	Analyst:	Brooke

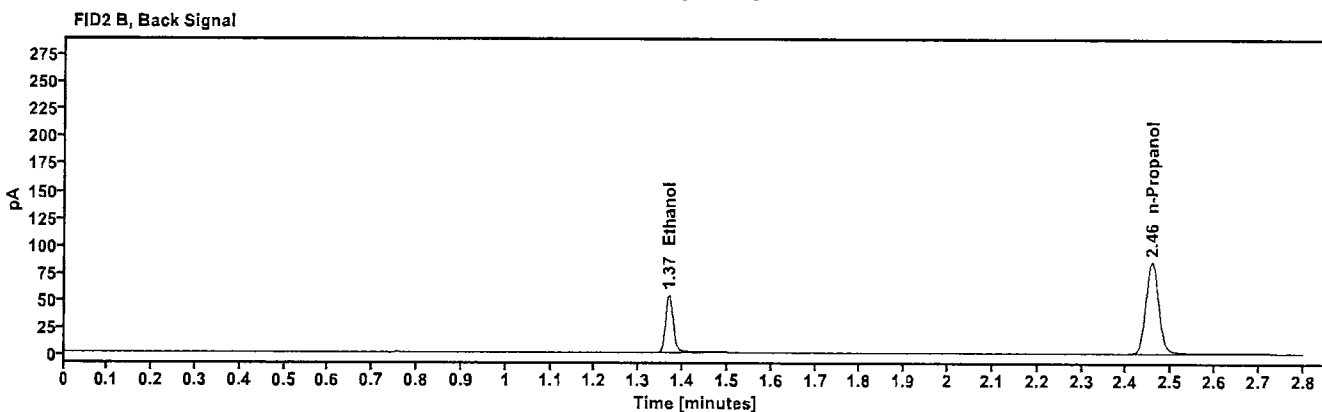
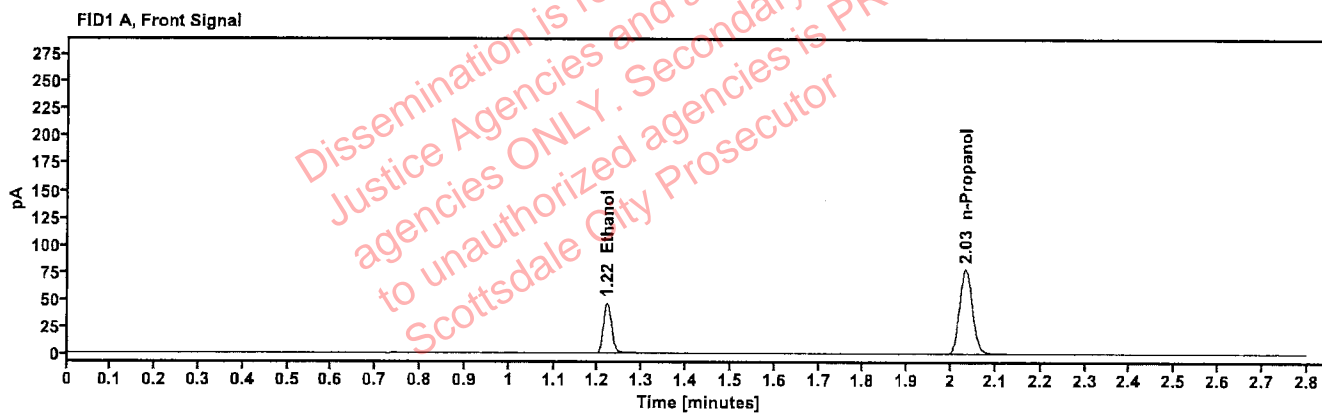


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1004	1.220	59.087
n-Propanol	-----	2.033	156.402

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

Compound	Time (min)	Peak Area
Ethanol	1.368	64.726
n-Propanol	2.457	169.577

Scottsdale Police Department Crime Lab Volatiles Analysis

188

Sample:	517758	Vial:	42
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:11:53 PM
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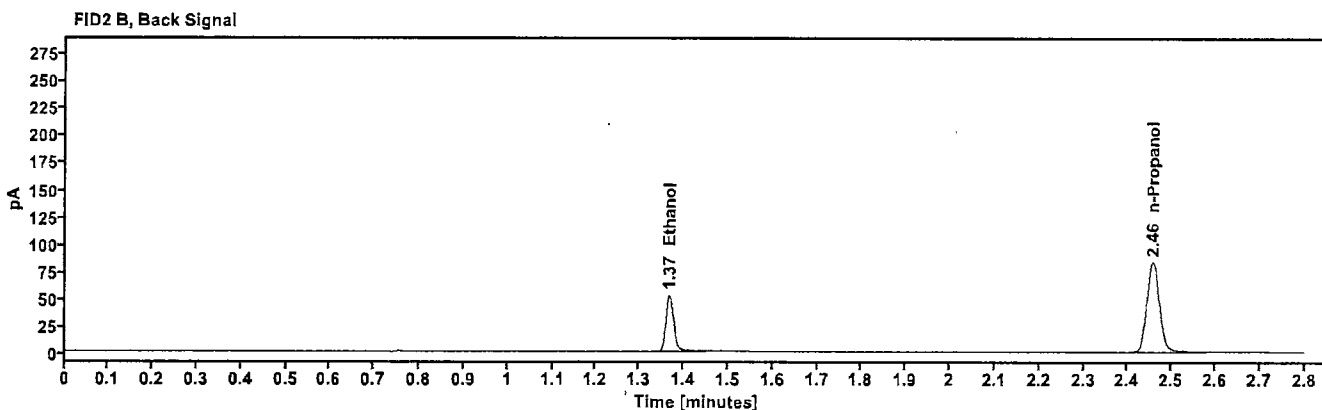
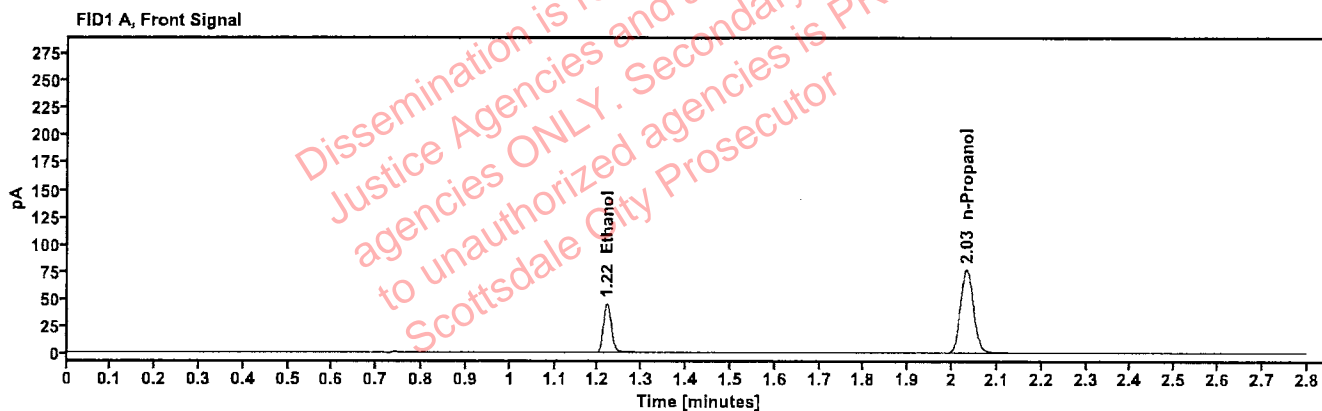


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0994	1.220	57.686
n-Propanol	-----	2.032	154.143

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

Compound	Time (min)	Peak Area
Ethanol	1.368	63.080
n-Propanol	2.456	167.148

Scottsdale Police Department Crime Lab Volatiles Analysis

YPS

Sample:	517758	Vial:	53
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:56:24 PM
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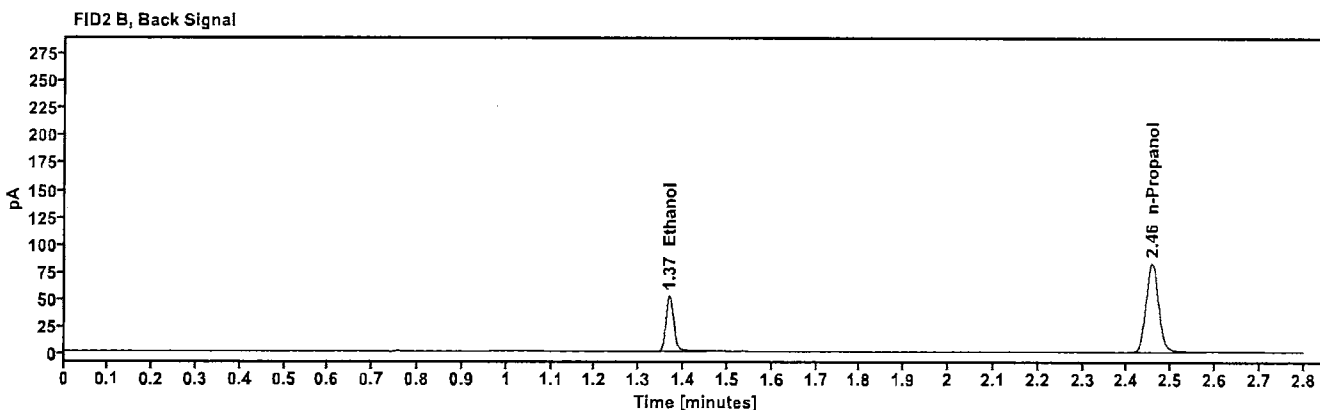
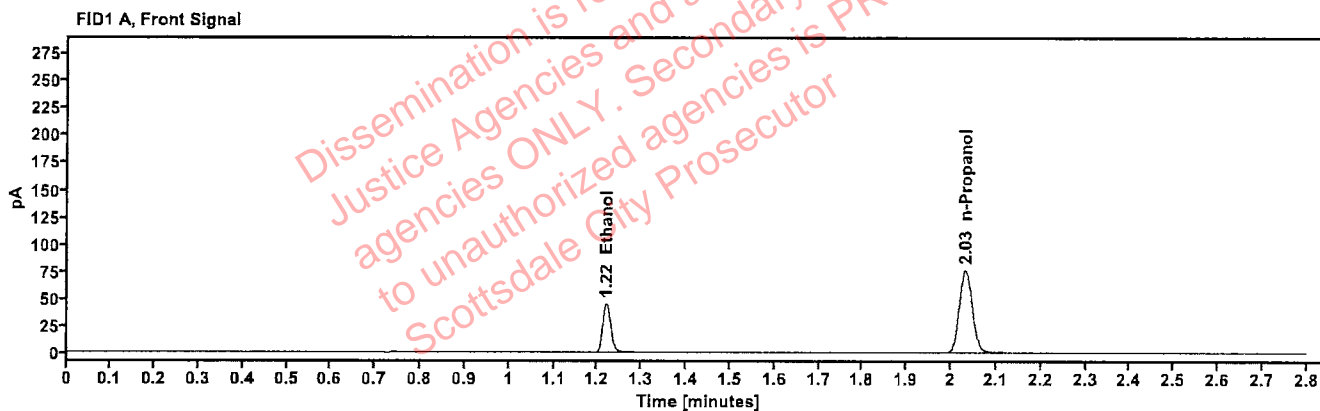


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0998	1.220	57.436
n-Propanol	-----	2.032	152.856

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

Compound	Time (min)	Peak Area
Ethanol	1.368	62.948
n-Propanol	2.456	165.643

Scottsdale Police Department Crime Lab Volatiles Analysis

78

Sample:	12052023-B	Vial:	56
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 4:08:38 PM
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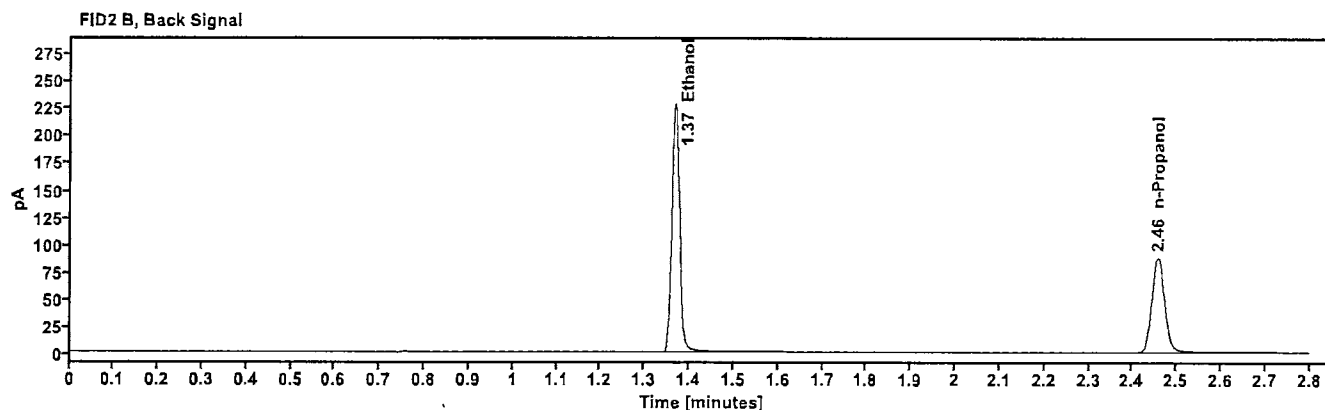
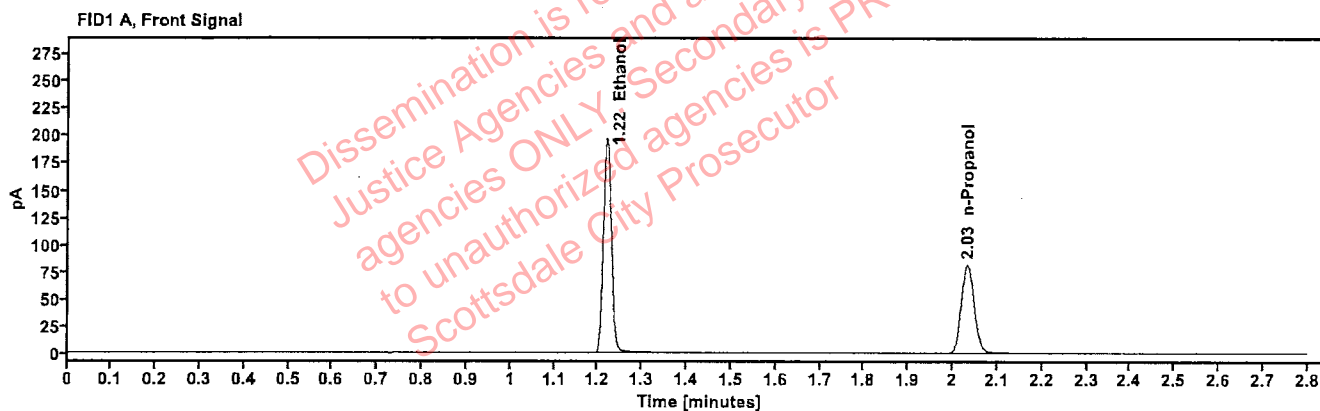


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4040	1.219	251.160
n-Propanol	----	2.033	162.740

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

Compound	Time (min)	Peak Area
Ethanol	1.368	276.695
n-Propanol	2.457	176.155

Scottsdale Police Department Crime Lab Volatiles Analysis

MS

Sample:	518018	Vial:	57
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 4:12:38 PM
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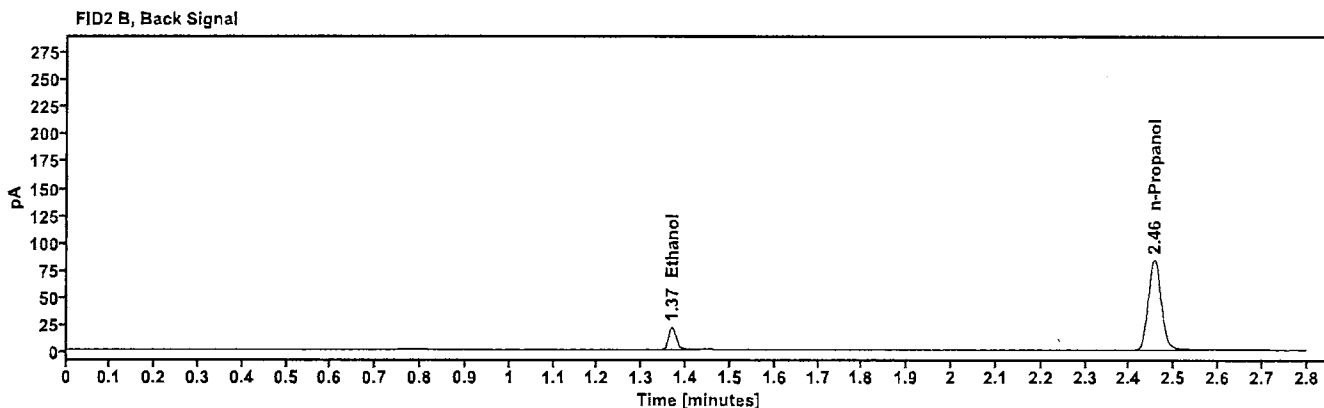
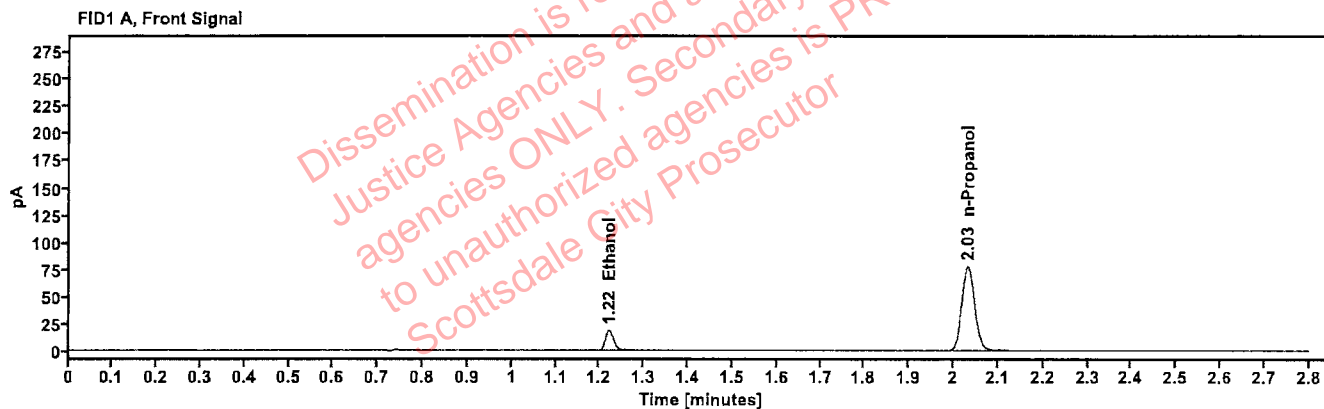


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0414	1.221	23.514
n-Propanol	—	2.032	155.378

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

Compound	Time (min)	Peak Area
Ethanol	1.368	25.594
n-Propanol	2.456	168.475

Scottsdale Police Department Crime Lab Volatiles Analysis

793

Sample:	4130622206/10	Vial:	58
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 4:16:39 PM
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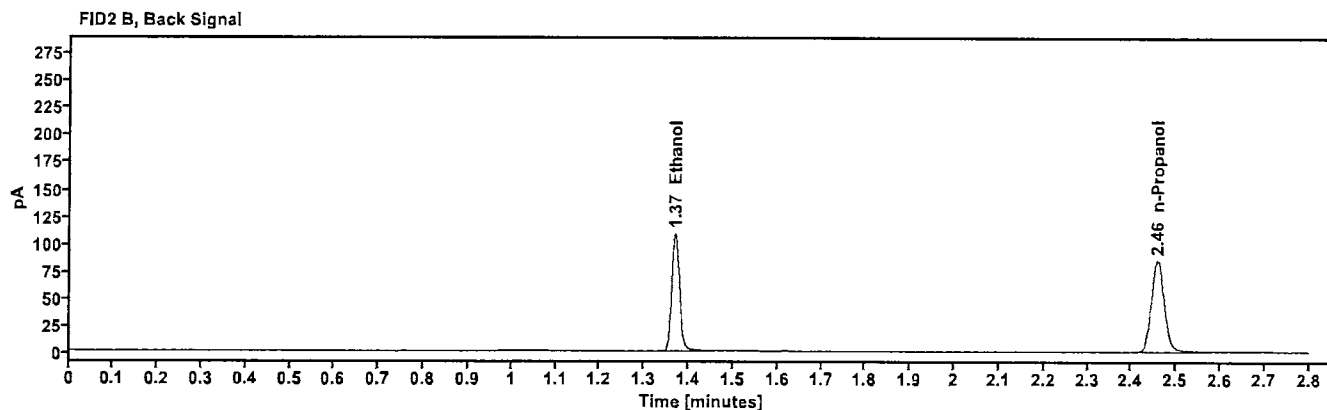
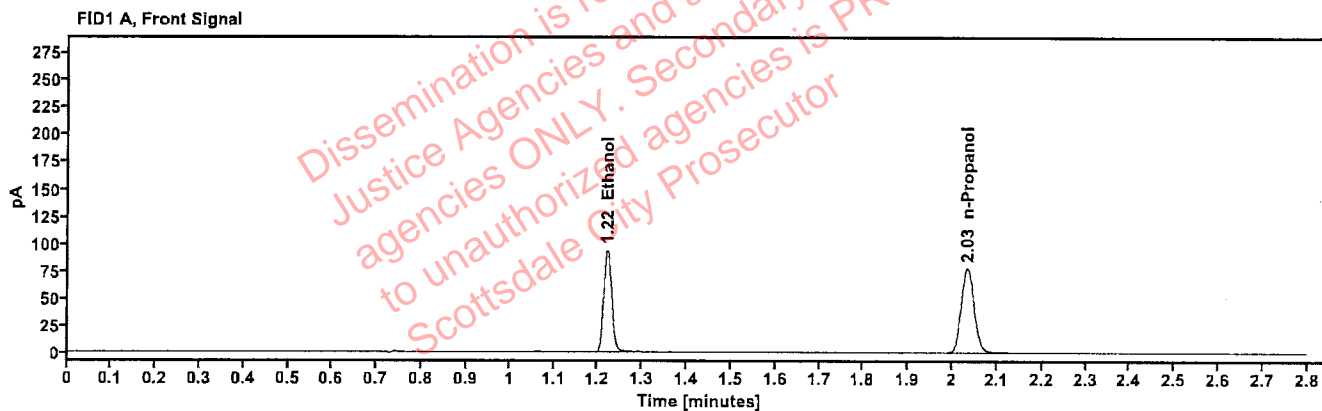


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2017	1.220	119.803
n-Propanol	-----	2.033	156.261

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

Compound	Time (min)	Peak Area
Ethanol	1.369	131.481
n-Propanol	2.458	169.386

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	032725AQ	Vial:	59
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 4:20:38 PM
Data file:	C:\Chem32\1\Data\23May25\59.D	Analyst:	Brooke

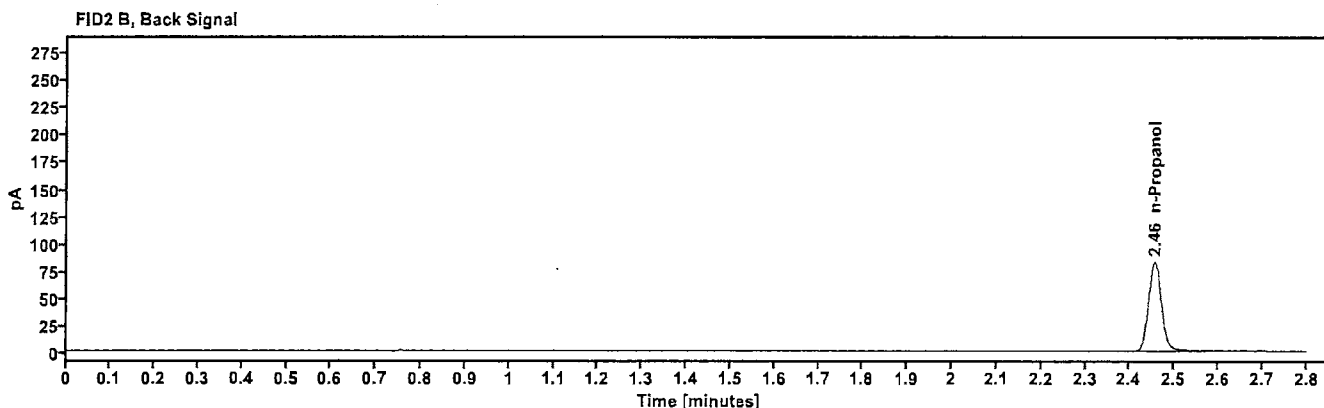
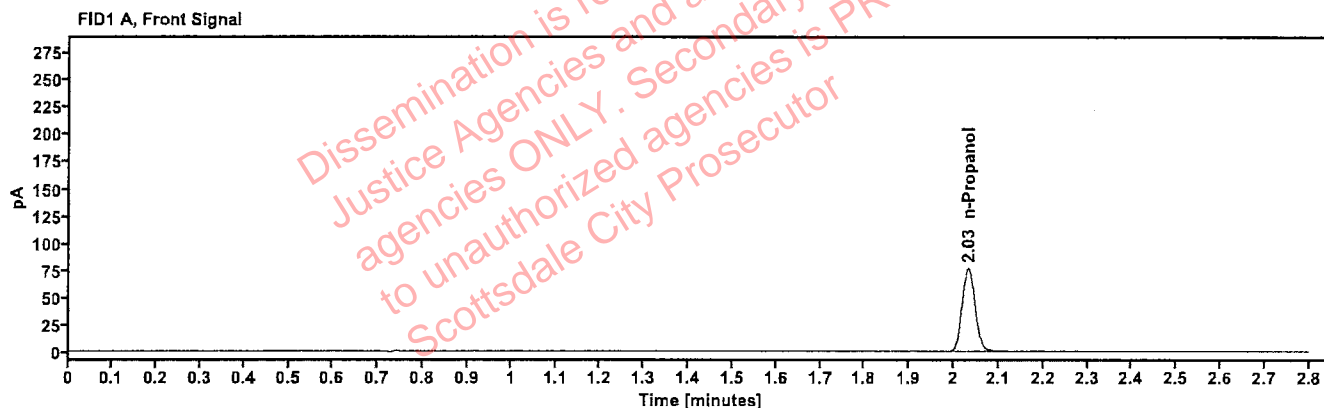


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.032	153.183

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

Compound	Time (min)	Peak Area
n-Propanol	2.456	166.084

Sequence Summary

Page 1 of 2

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Sequence name: 23May25 Instrument: US14173023 CN14160045 Analyst: Brooke

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN03072301	0.100 calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	111224WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	4130622206/10	0.203	Control		ethanol quant.M
10	2509467-2				ethanol quant.M
11	2509467-2				ethanol quant.M
12	2502463-1				ethanol quant.M
13	2502463-1				ethanol quant.M
14	2509789-1				ethanol quant.M
15	2509789-1				ethanol quant.M
16	2509909-4				ethanol quant.M
17	2509909-4				ethanol quant.M
18	2509681-2				ethanol quant.M
19	2509681-2				ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2508329-2				ethanol quant.M
22	2508329-2				ethanol quant.M
23	2510063-2				ethanol quant.M
24	2510063-2				ethanol quant.M
25	2510064-2				ethanol quant.M
26	2510064-2				ethanol quant.M
27	2510192-1				ethanol quant.M
28	2510192-1				ethanol quant.M
29	2509864-1				ethanol quant.M
30	2509864-1				ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2509950-3				ethanol quant.M
33	2509950-3				ethanol quant.M
34	2510142-2				ethanol quant.M
35	2510142-2				ethanol quant.M
36	2510143-2				ethanol quant.M
37	2510143-2				ethanol quant.M
38	2510125-2				ethanol quant.M
39	2510125-2				ethanol quant.M
40	2510215-1				ethanol quant.M
41	2510215-1				ethanol quant.M
42	517758	0.100	Control		ethanol quant.M
43	2510276-1				ethanol quant.M
44	2510276-1				ethanol quant.M
45	2510335-2				ethanol quant.M
46	2510335-2				ethanol quant.M
47	VIAL00142				ethanol quant.M

Sequence Summary

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Page 2 of 2

48	VIAL00142				ethanol quant.M
49	VIAL00186				ethanol quant.M
50	VIAL00186				ethanol quant.M
51	VIAL00292				ethanol quant.M
52	VIAL00292				ethanol quant.M
53	517758	0.100	Control		ethanol quant.M
54	VIAL00236				ethanol quant.M
55	VIAL00236				ethanol quant.M
56	12052023-B	0.400	Control		ethanol quant.M
57	518018	0.040	Control		ethanol quant.M
58	4130622206/10	0.203	Control		ethanol quant.M
59	032725AQ	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory

Summary of Cases

AS

SEQUENCE NAME: 23May25

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.3654	0.3654	0.36540	0.00	0.00000
12 13	0.1473	0.1485	0.14790	0.41	0.00060
14 15	0.3736	0.3722	0.37290	0.19	0.00070
16 17	0.3779	0.3779	0.37790	0.00	0.00000
18 19	0.0597	0.0597	0.05970	0.00	0.00000
21 22	0.0938	0.0936	0.09370	0.11	0.00010
23 24	0.1875	0.1892	0.18835	0.45	0.00085
25 26	0.1351	0.1360	0.13555	0.33	0.00045
27 28	0.0181	0.0181	0.01810	0.00	0.00000
29 30	0.2791	0.2818	0.28045	0.48	0.00135
32 33	0.0000	0.0000	0.00000	0.00	0.00000
34 35	0.1326	0.1329	0.13275	0.11	0.00015
36 37	0.1147	0.1147	0.11470	0.00	0.00000
38 39	0.1661	0.1675	0.16680	0.42	0.00070
40 41	0.1950	0.1949	0.19495	0.03	0.00005
43 44	0.0728	0.0724	0.07260	0.28	0.00020
45 46	0.4077	0.4064	0.40705	0.16	0.00065
47 48	0.0428	0.0434	0.04310	0.70	0.00030
49 50	0.0820	0.0820	0.08200	0.00	0.00000
51 52	0.2988	0.2987	0.29875	0.02	0.00005
54 55	0.1527	0.1506	0.15165	0.69	0.00105

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

AB

SEQUENCE: 23May25

Headspace Vial 1	Headspace Vial 2	Blood Tube
2509467-2	2509467-2	2509467-2
2502463-1	2502463-1	2502463-1
2509789-1	2509789-1	2509789-1
2509909-4	2509909-4	2509909-4
2509681-2	2509681-2	2509681-2
2508329-2	2508329-2	2508329-2
2510063-2	2510063-2	2510063-2
2510064-2	2510064-2	2510064-2
2510192-1	2510192-1	2510192-1
2509864-1	2509864-1	2509864-1

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509467-2	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:02:38 PM
Data file:	C:\Chem32\1\Data\23May25\10.D	Analyst:	Brooke

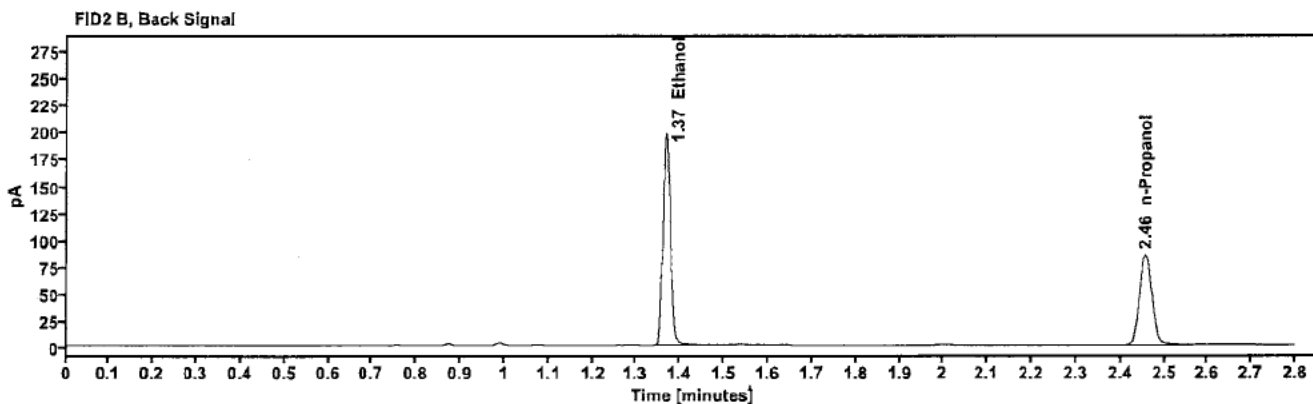
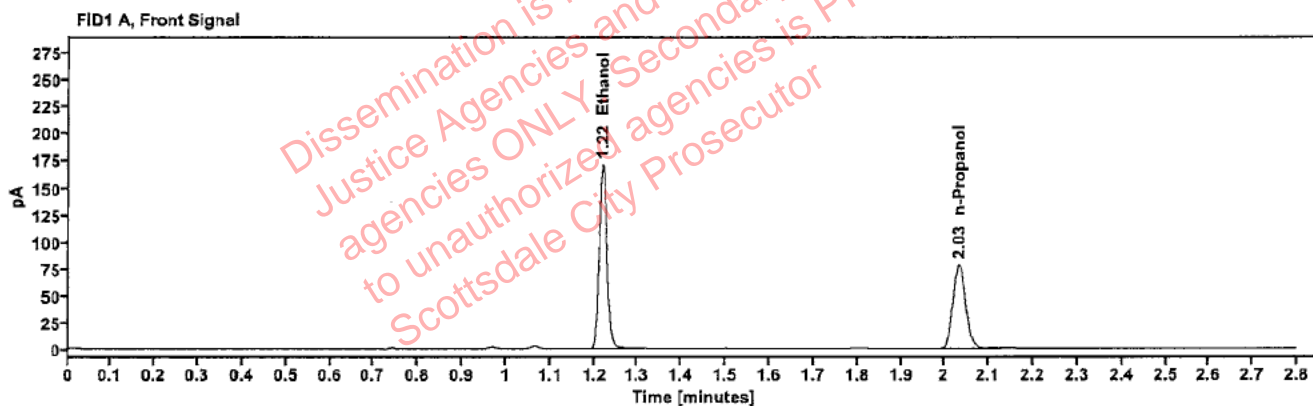


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3654	1.219	217.260
n-Propanol	—	2.033	155.729

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

Compound	Time (min)	Peak Area
Ethanol	1.368	239.170
n-Propanol	2.457	168.511

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509467-2	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:06:39 PM
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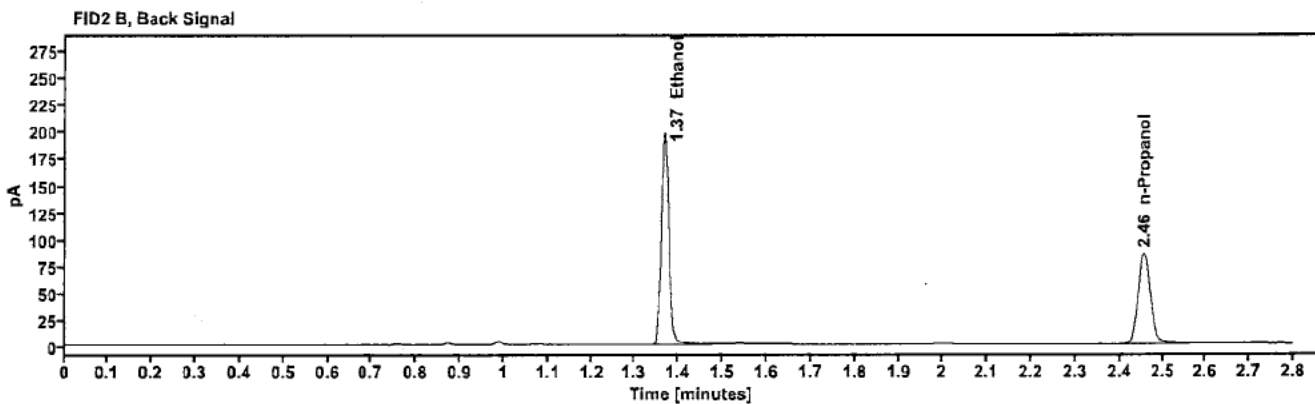
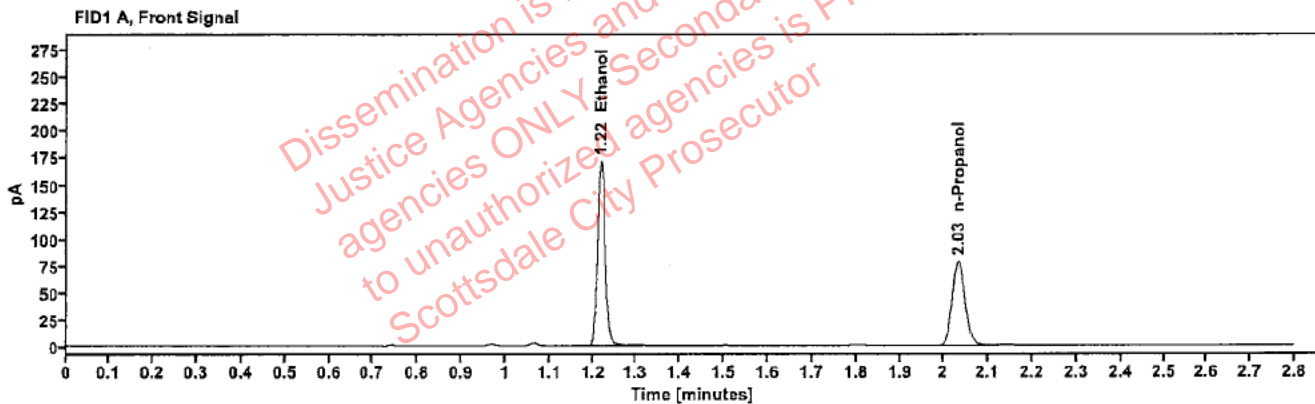


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3654	1.219	217.615
n-Propanol	—	2.032	155.981

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

Compound	Time (min)	Peak Area
Ethanol	1.368	239.579
n-Propanol	2.457	168.813

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2502463-1	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:10:38 PM
Data file:	C:\Chem32\1\Data\23May25\12.D	Analyst:	Brooke

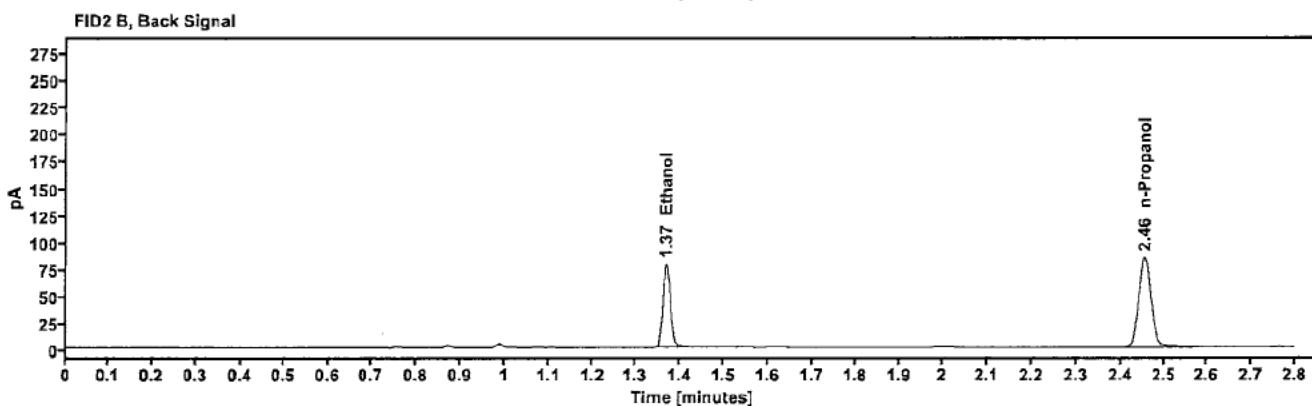
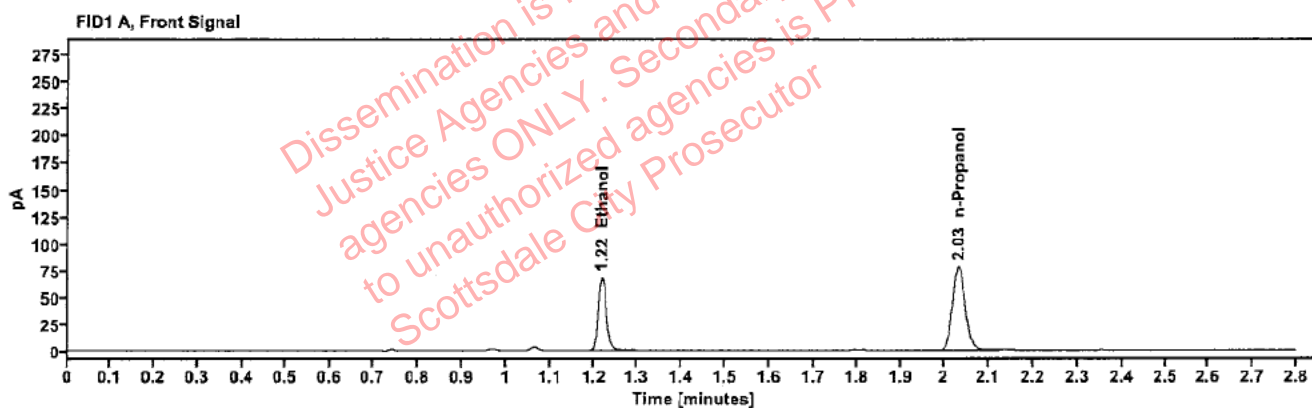


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1473	1.219	86.769
n-Propanol	-----	2.031	155.490

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

Compound	Time (min)	Peak Area
Ethanol	1.368	94.896
n-Propanol	2.455	168.937

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2502463-1	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:14:53 PM
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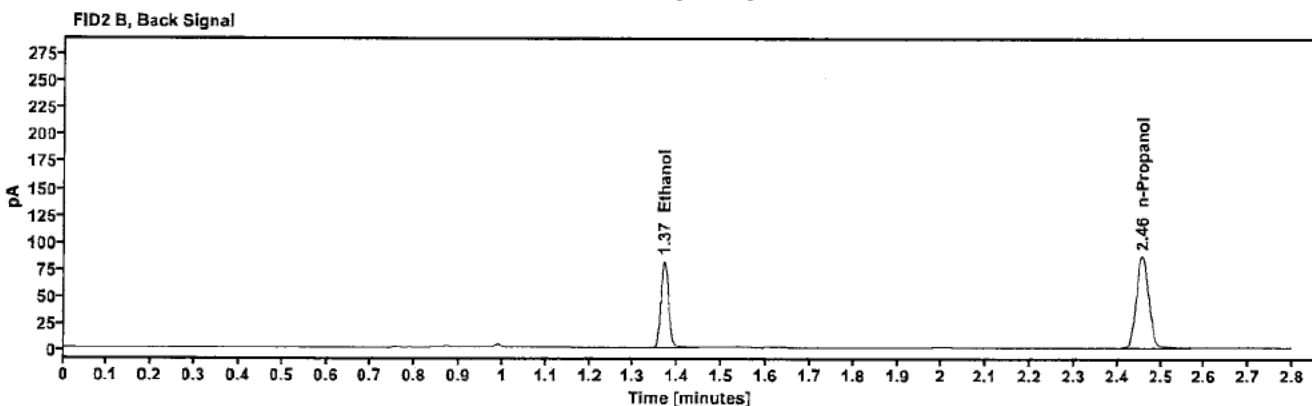
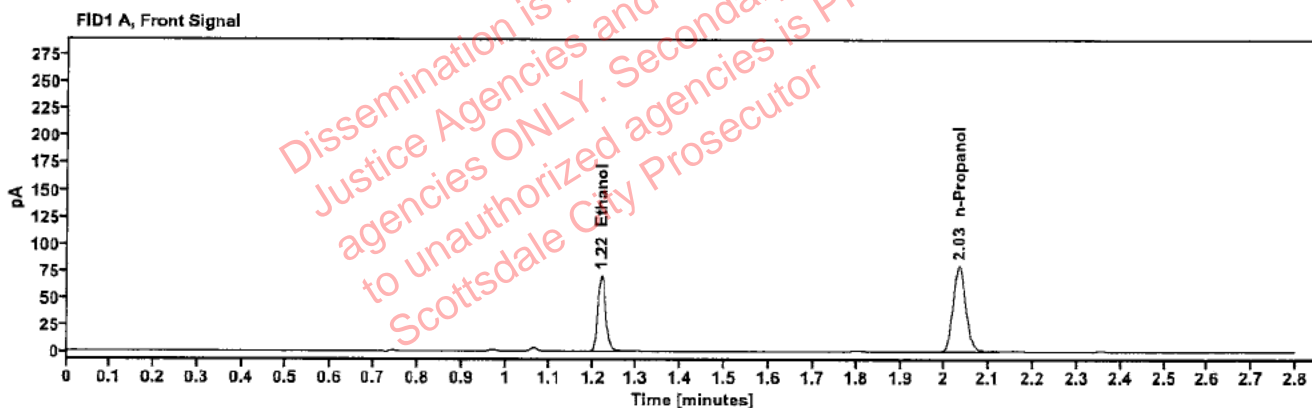


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1485	1.220	89.531
n-Propanol	—	2.032	159.127

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

Compound	Time (min)	Peak Area
Ethanol	1.369	98.150
n-Propanol	2.457	172.904

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509789-1	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:18:53 PM
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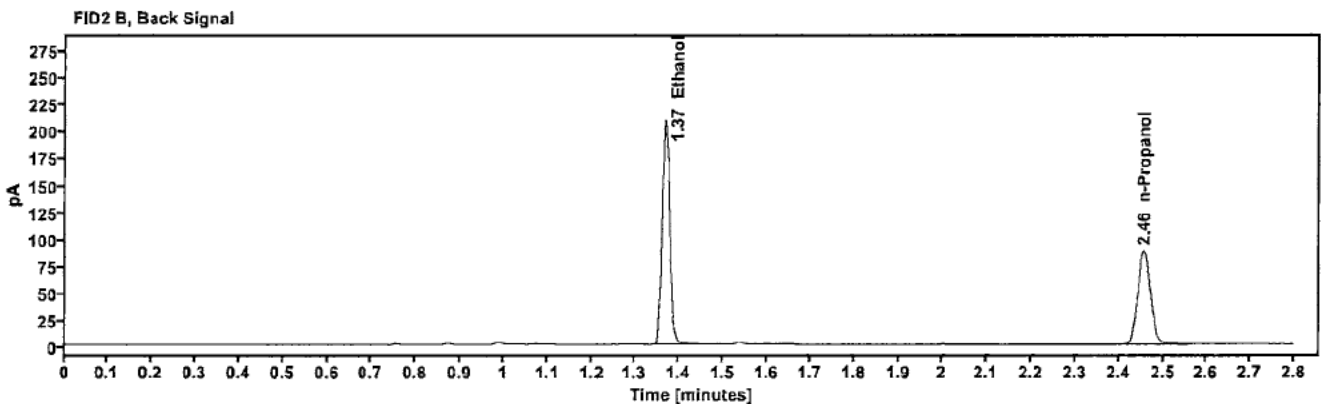
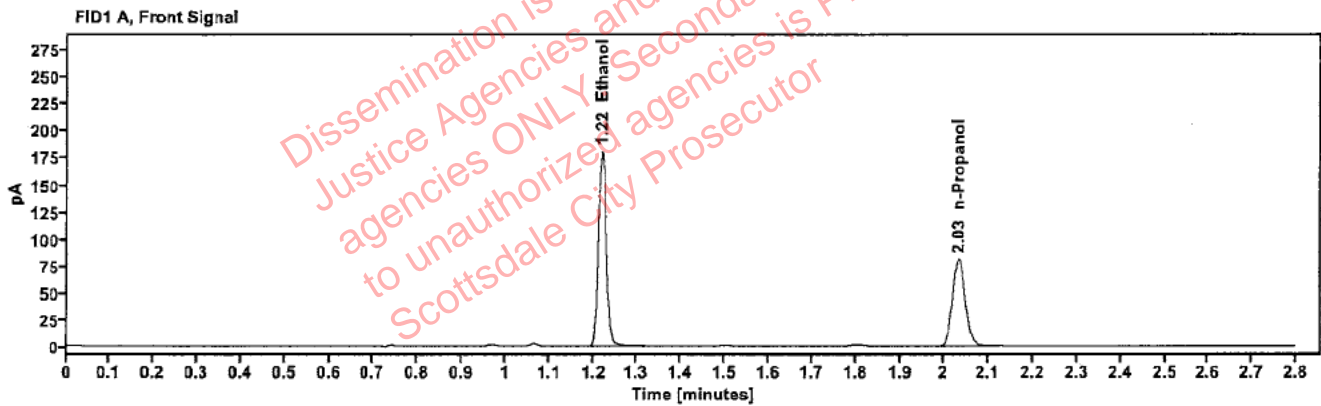


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3736	1.219	229.659
n-Propanol	-----	2.033	160.978

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

Compound	Time (min)	Peak Area
Ethanol	1.368	253.032
n-Propanol	2.457	173.972

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509789-1	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:22:53 PM
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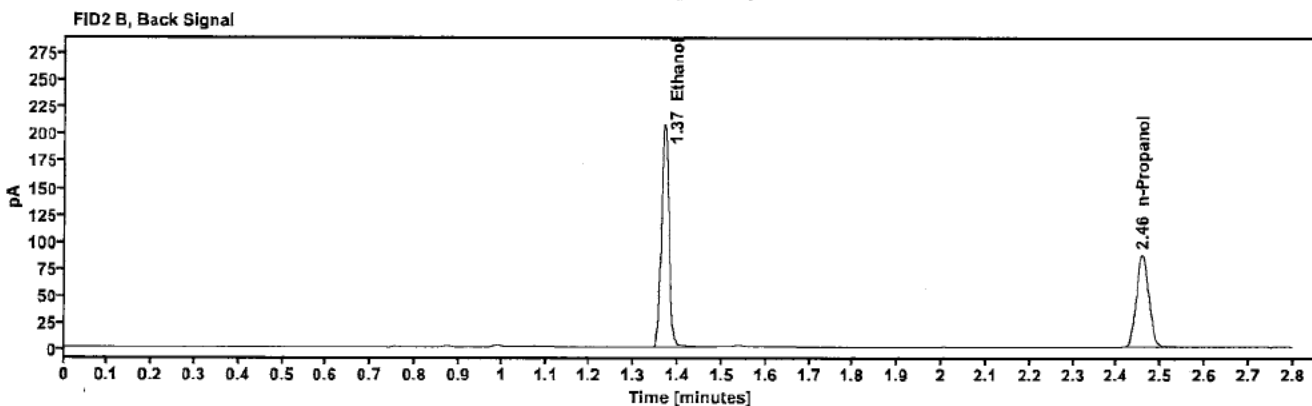
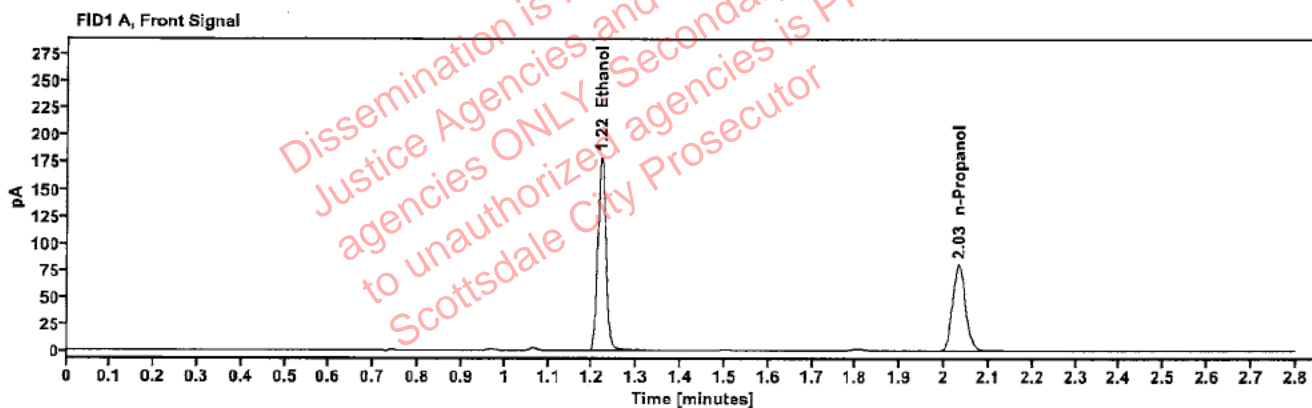


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3722	1.219	228.195
n-Propanol	—	2.033	160.554

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

Compound	Time (min)	Peak Area
Ethanol	1.369	251.588
n-Propanol	2.457	173.228

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509909-4	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:26:53 PM
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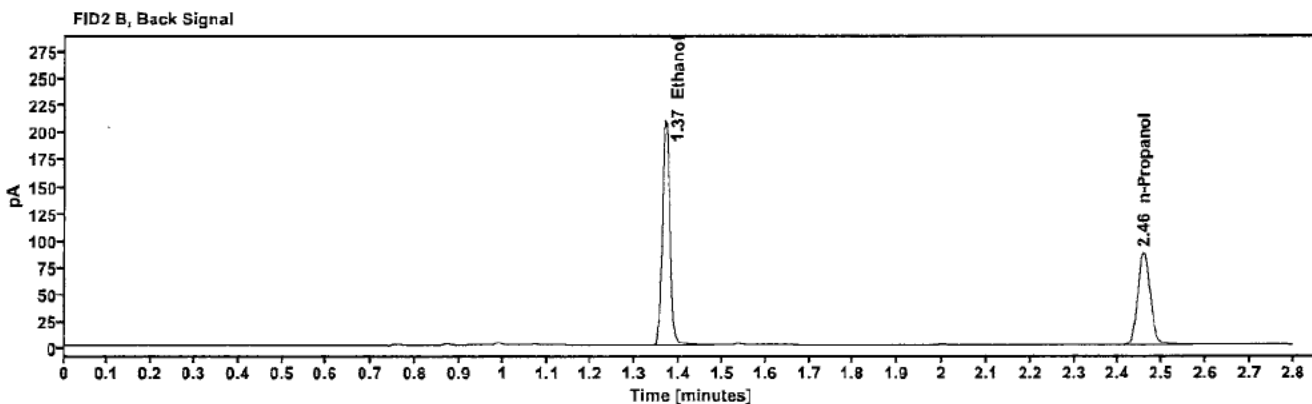
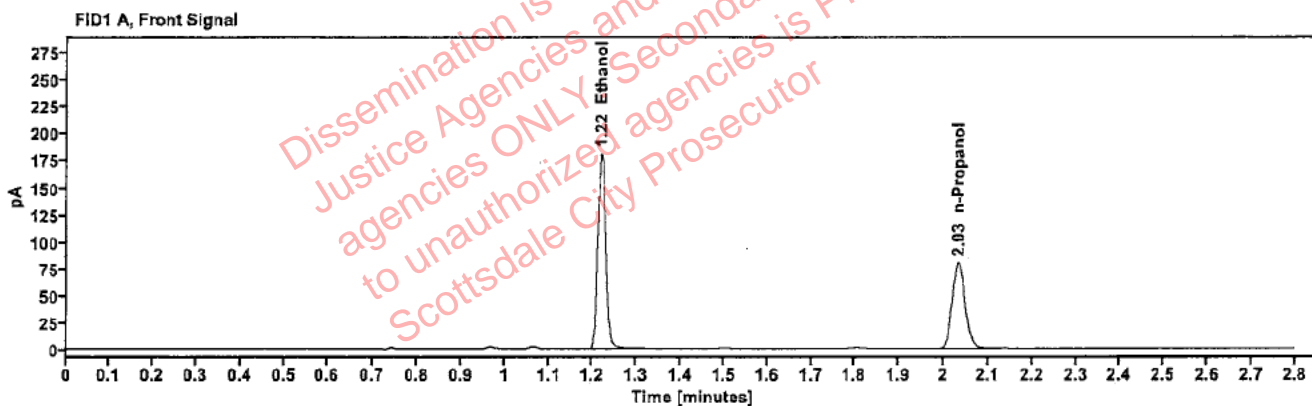


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3779	1.219	230.656
n-Propanol	-----	2.033	159.832

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

Compound	Time (min)	Peak Area
Ethanol	1.369	254.215
n-Propanol	2.457	172.977

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509909-4	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:30:53 PM
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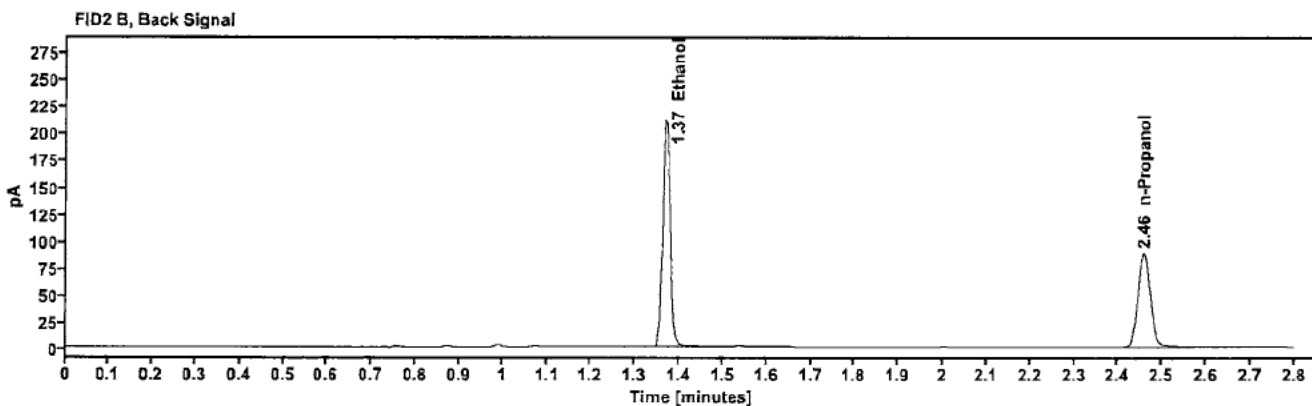
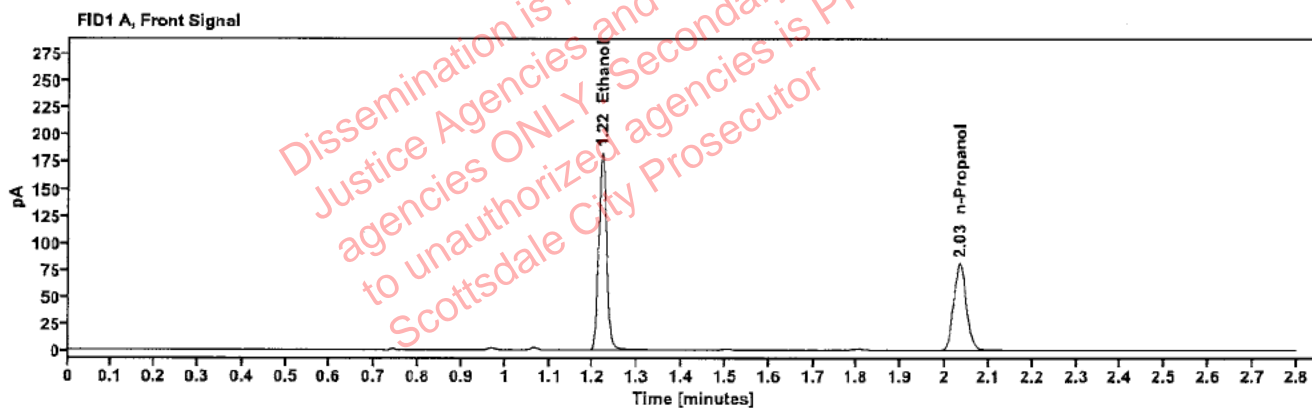


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3779	1.219	233.508
n-Propanol	-----	2.033	161.808

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

Compound	Time (min)	Peak Area
Ethanol	1.369	257.124
n-Propanol	2.458	175.047

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509681-2	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:34:53 PM
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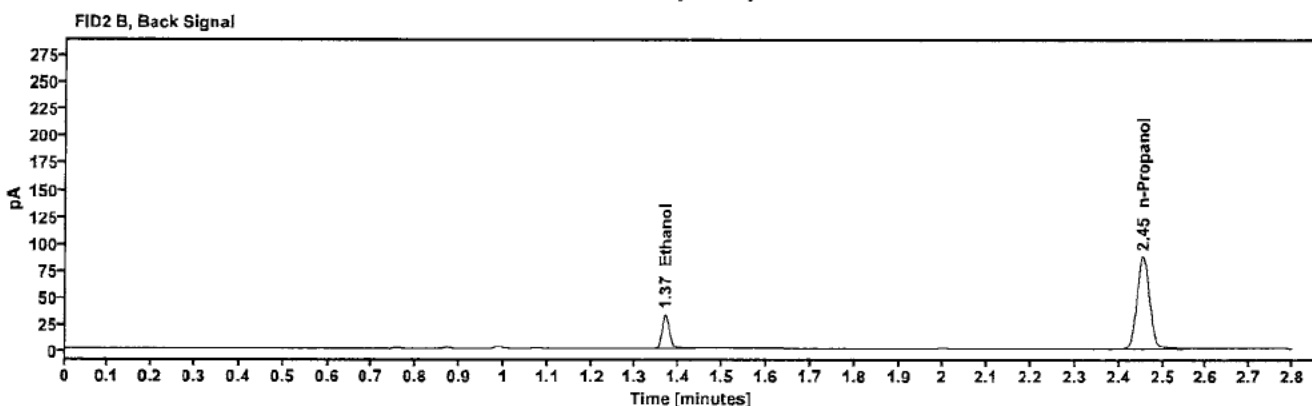
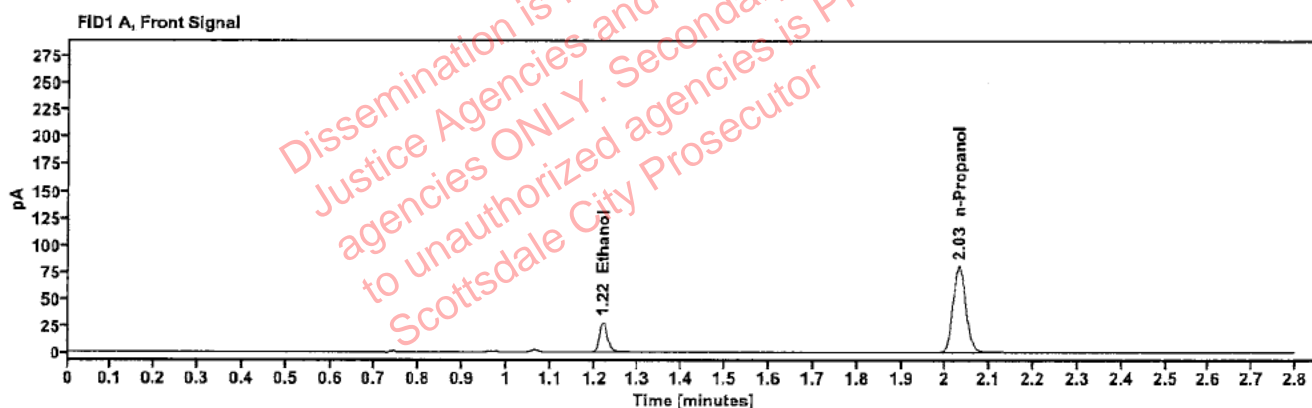


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0597	1.220	35.627
n-Propanol	—	2.031	160.590

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

Compound	Time (min)	Peak Area
Ethanol	1.368	38.749
n-Propanol	2.454	173.693

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509681-2	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:39:08 PM
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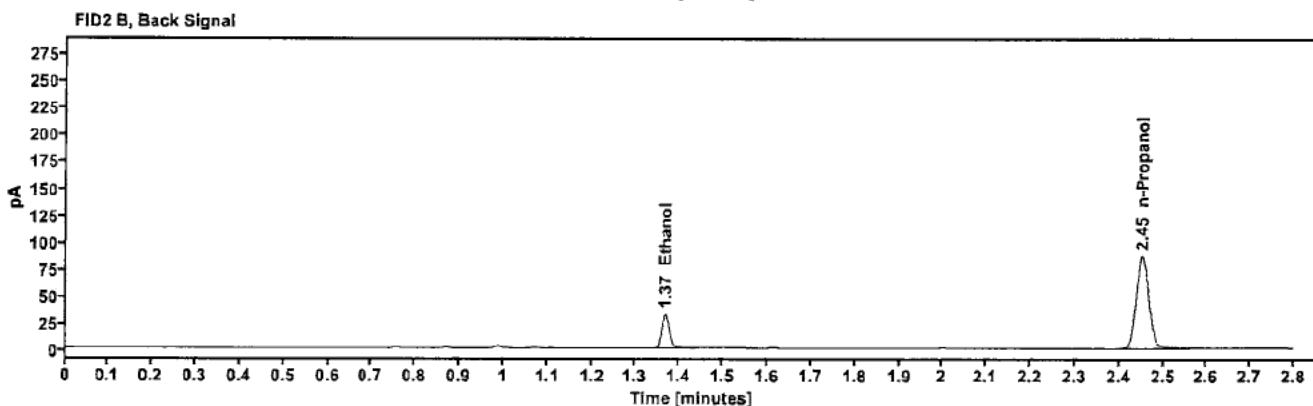
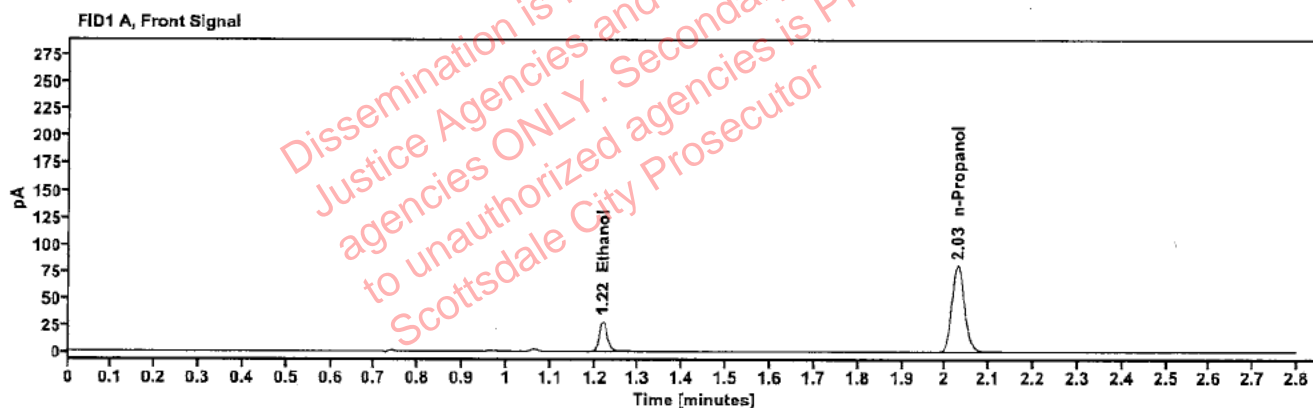


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0597	1.219	35.649
n-Propanol	-----	2.029	160.850

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

Compound	Time (min)	Peak Area
Ethanol	1.367	39.269
n-Propanol	2.453	173.954

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508329-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
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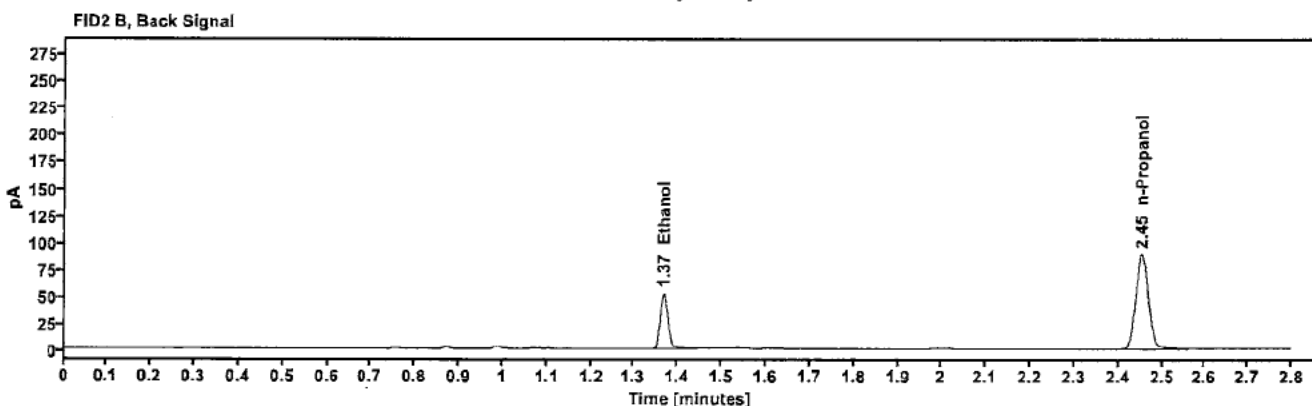
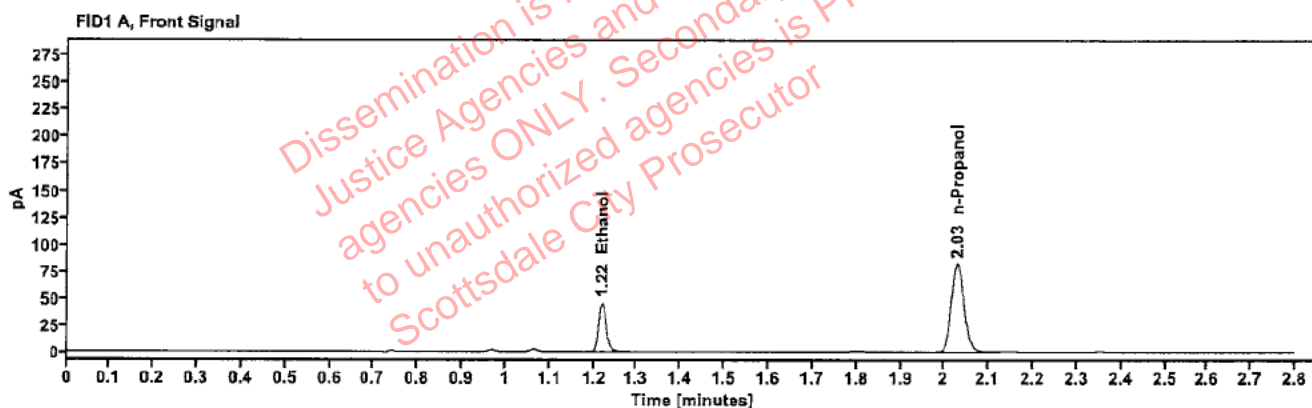


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0938	1.219	57.775
n-Propanol	-----	2.030	163.803

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

Compound	Time (min)	Peak Area
Ethanol	1.368	63.045
n-Propanol	2.454	177.277

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508329-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:51:08 PM
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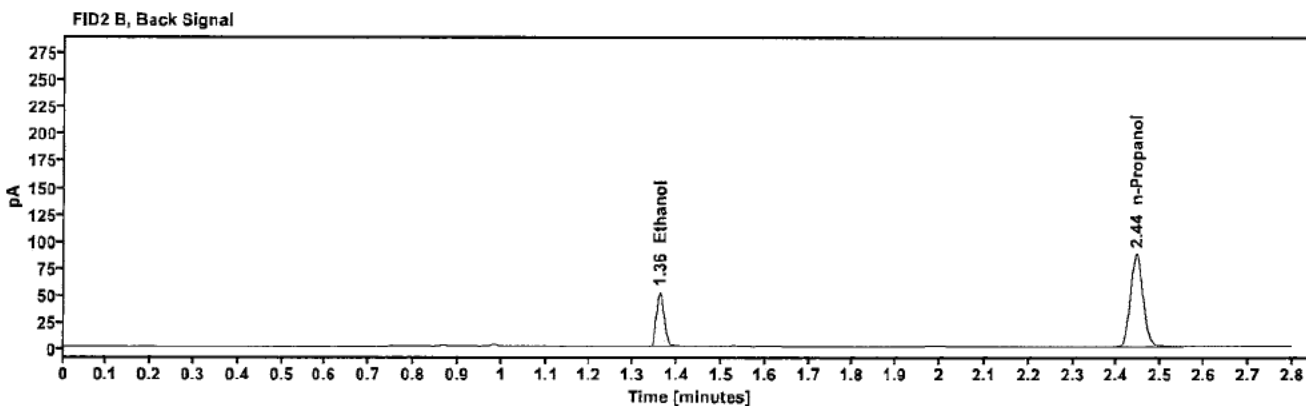
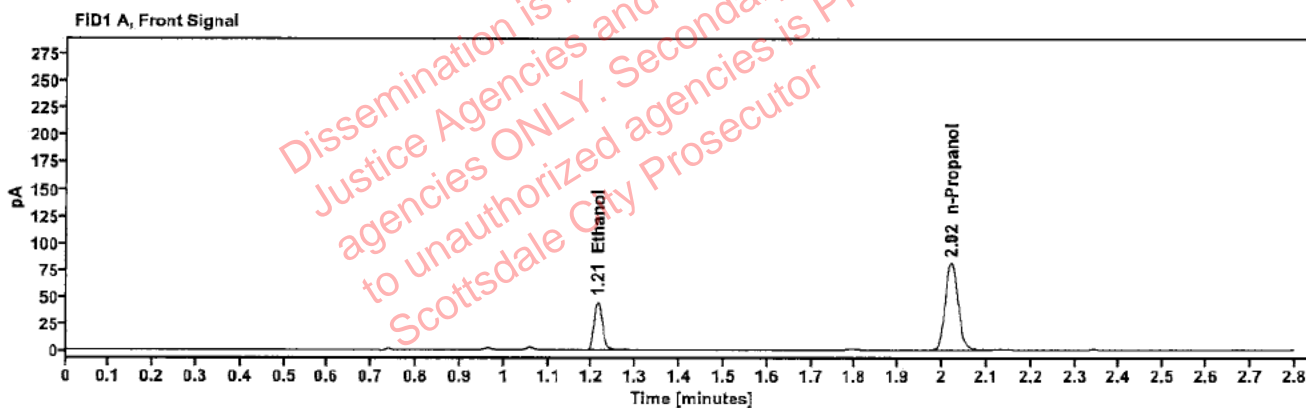


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0936	1.213	56.885
n-Propanol	-----	2.021	161.590

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

Compound	Time (min)	Peak Area
Ethanol	1.361	61.968
n-Propanol	2.444	174.719

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510063-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
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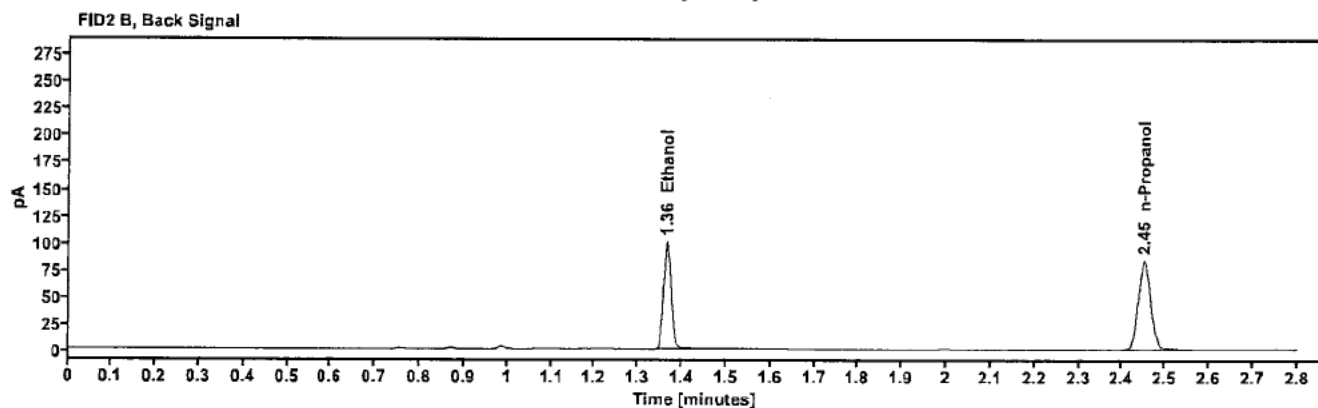
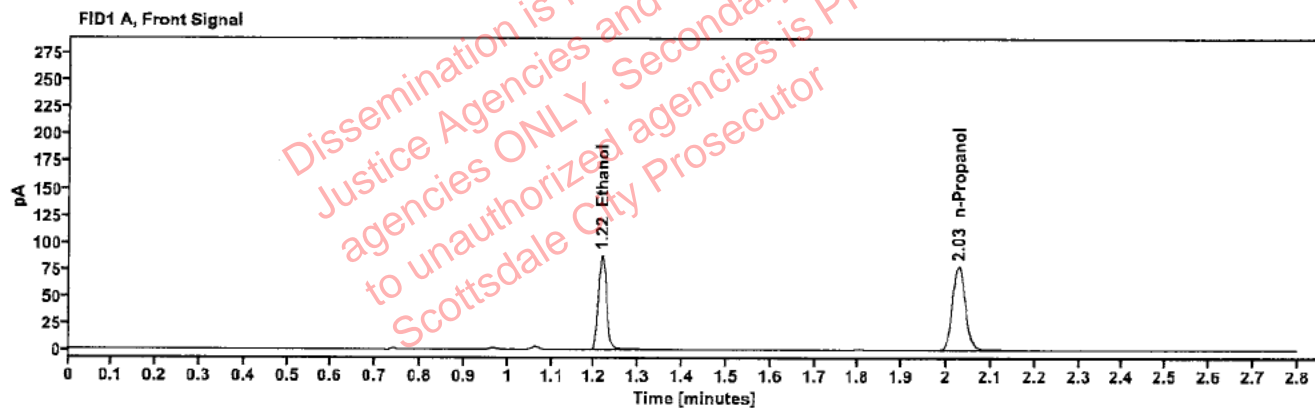


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1875	1.216	111.192
n-Propanol	—	2.027	156.067

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

Compound	Time (min)	Peak Area
Ethanol	1.365	121.590
n-Propanol	2.450	168.763

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510063-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 1:59:08 PM
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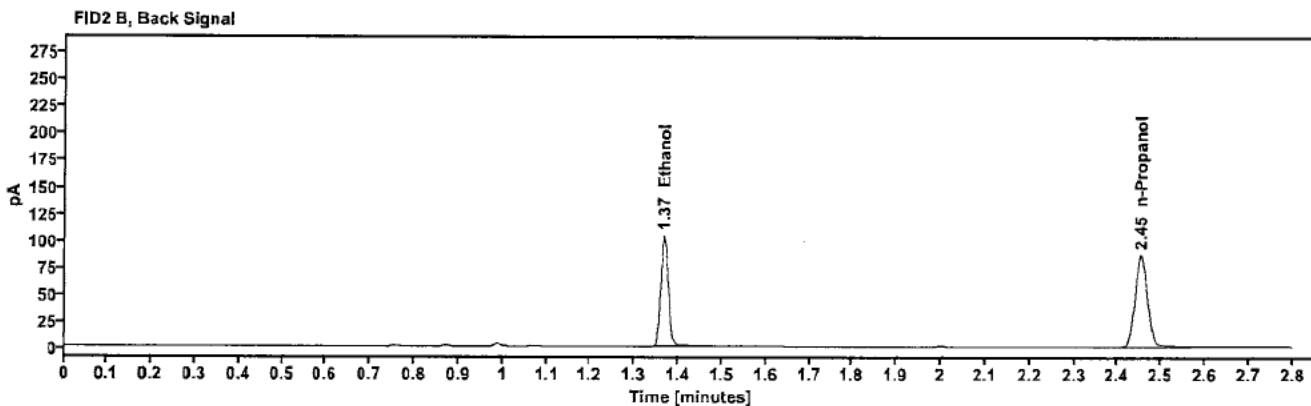
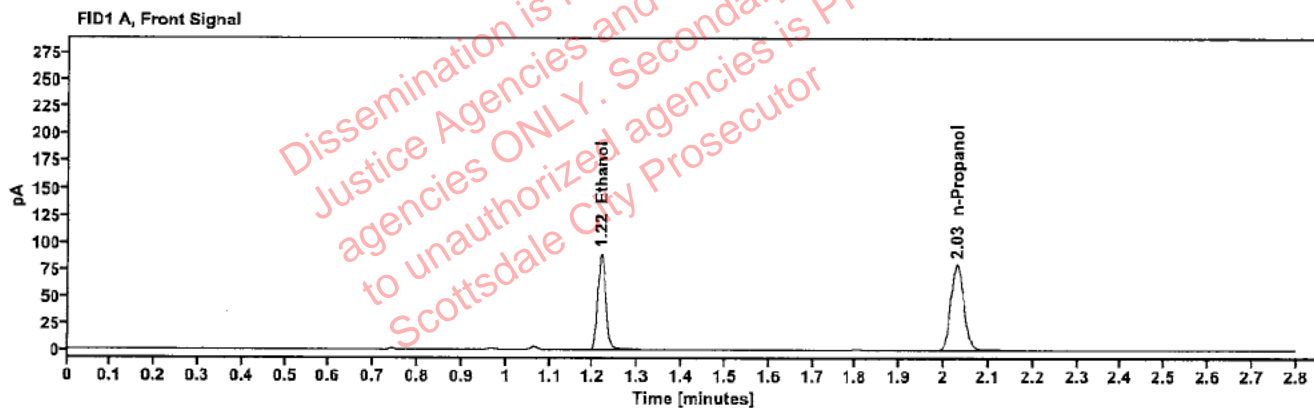


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1892	1.218	114.441
n-Propanol	---	2.029	159.197

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

Compound	Time (min)	Peak Area
Ethanol	1.366	125.244
n-Propanol	2.453	172.249

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510064-2	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:03:23 PM
Data file:	C:\Chem32\1\Data\23May25\25.D	Analyst:	Brooke

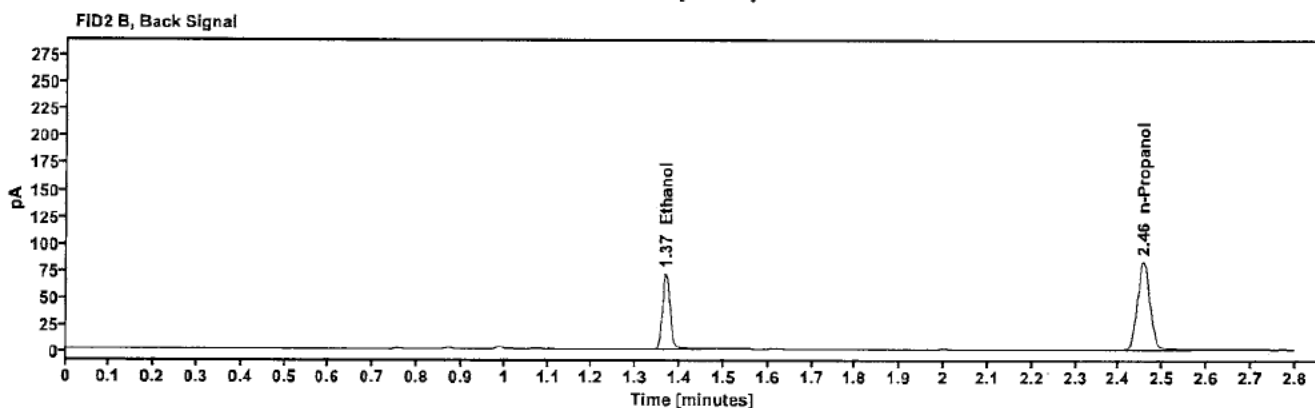
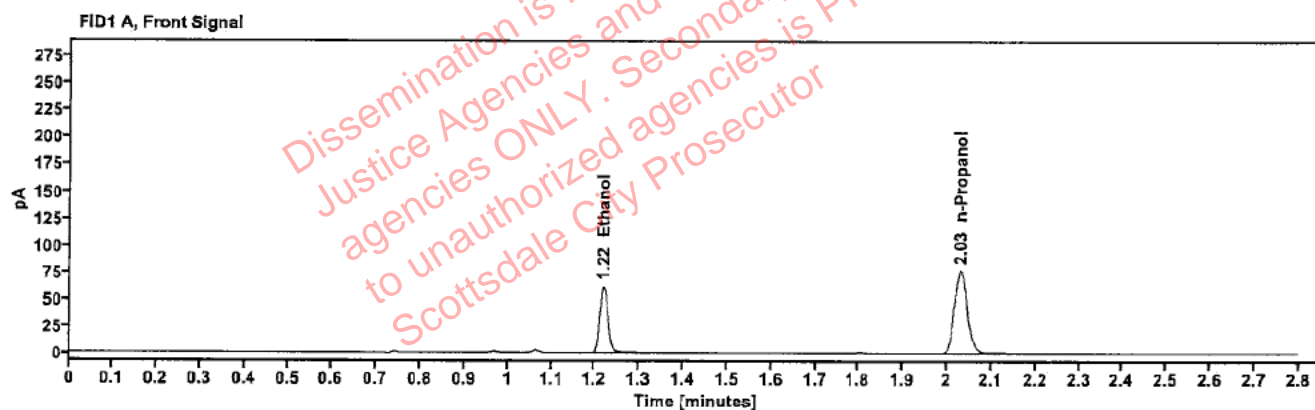


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1351	1.219	78.611
n-Propanol	—	2.031	153.818

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

Compound	Time (min)	Peak Area
Ethanol	1.367	86.098
n-Propanol	2.455	166.453

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510064-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:07:23 PM
Data file:	C:\Chem32\1\Data\23May25\26.D	Analyst:	Brooke

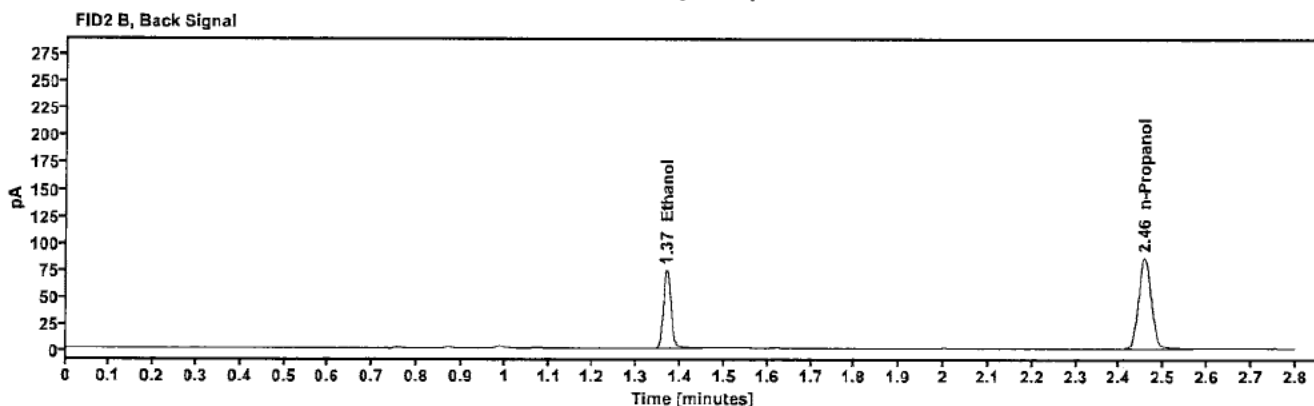
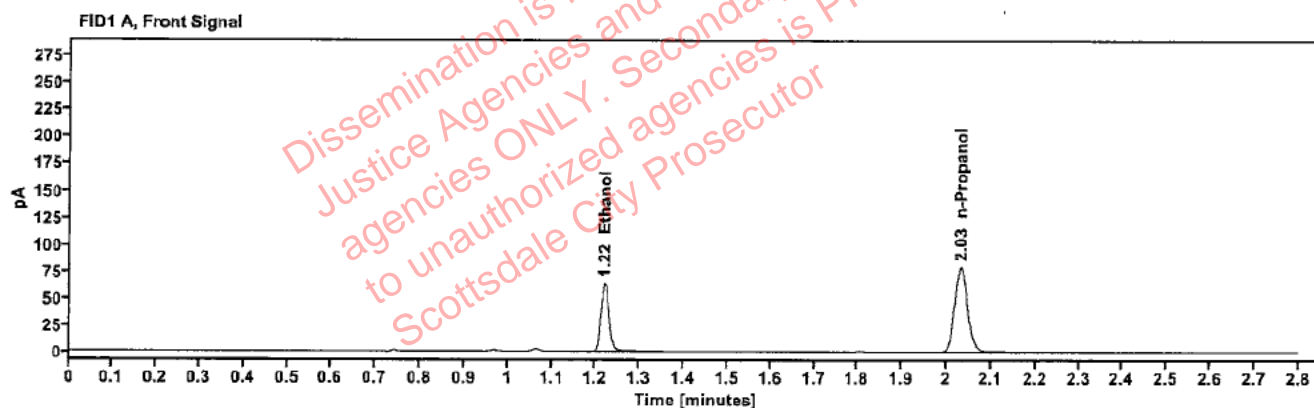


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1360	1.220	81.367
n-Propanol	-----	2.032	158.164

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

Compound	Time (min)	Peak Area
Ethanol	1.368	89.082
n-Propanol	2.456	171.080

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510192-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:11:23 PM
Data file:	C:\Chem32\1\Data\23May25\27.D	Analyst:	Brooke

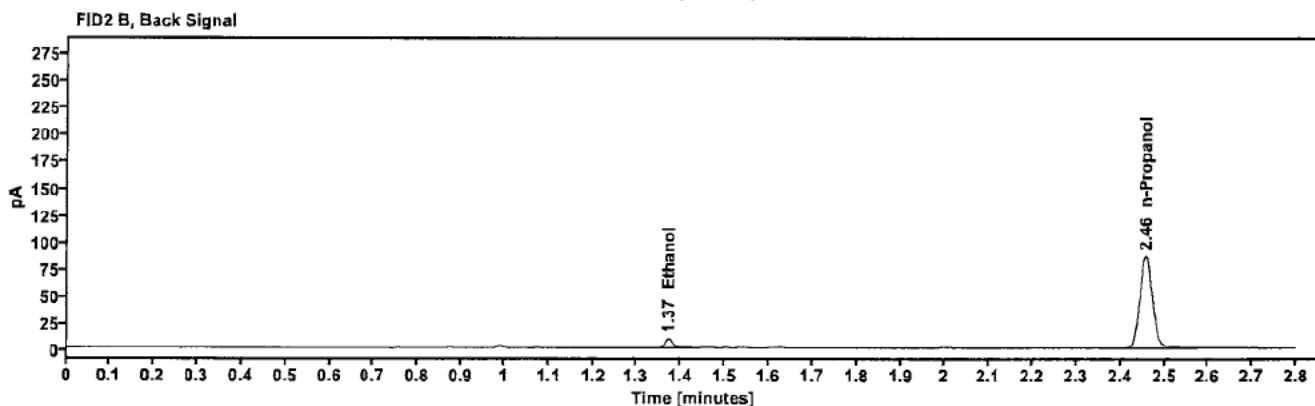
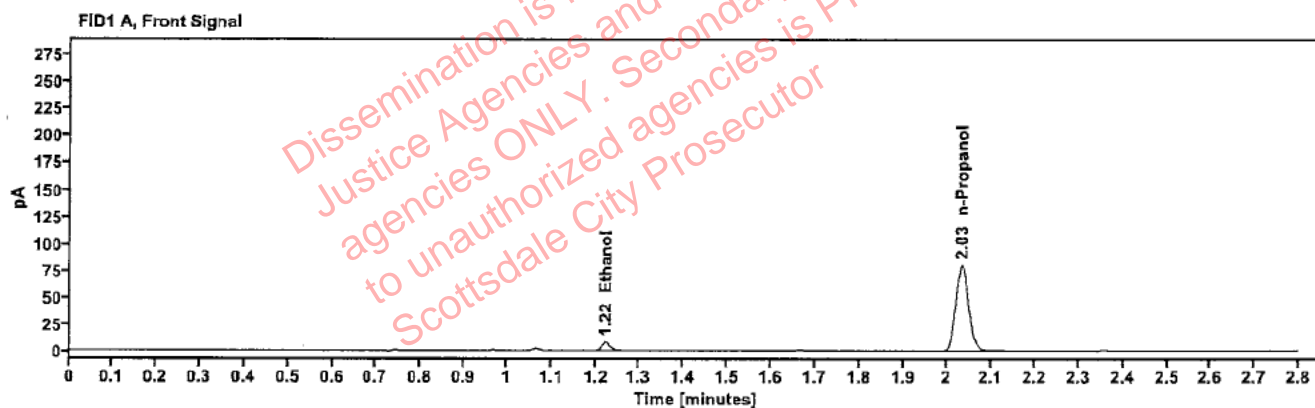


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0181	1.223	9.940
n-Propanol	—	2.033	159.830

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

Compound	Time (min)	Peak Area
Ethanol	1.371	10.951
n-Propanol	2.458	173.555

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510192-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:15:23 PM
Data file:	C:\Chem32\1\Data\23May25\28.D	Analyst:	Brooke

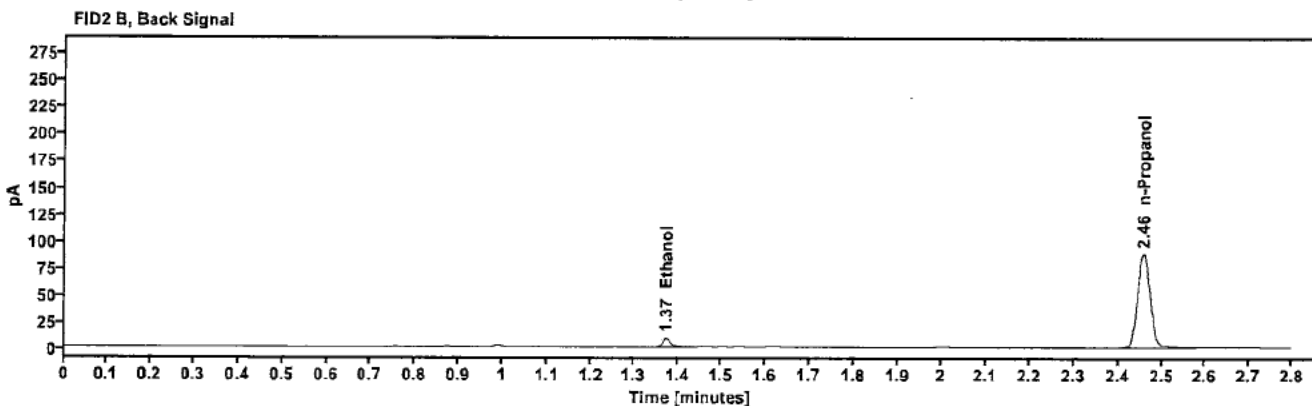
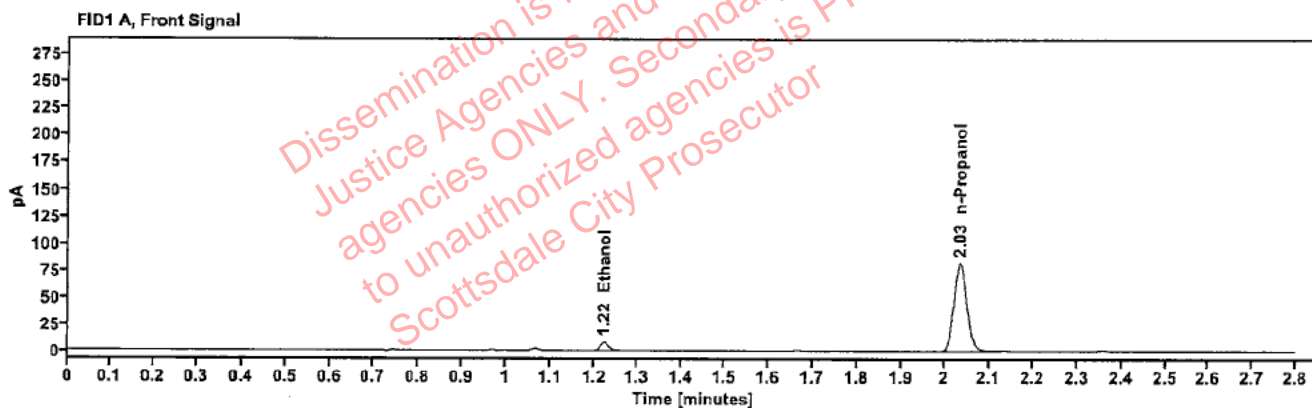


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0181	1.223	10.136
n-Propanol	-----	2.033	163.505

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

Compound	Time (min)	Peak Area
Ethanol	1.371	11.355
n-Propanol	2.458	177.606

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509864-1	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:19:23 PM
Data file:	C:\Chem32\1\Data\23May25\29.D	Analyst:	Brooke

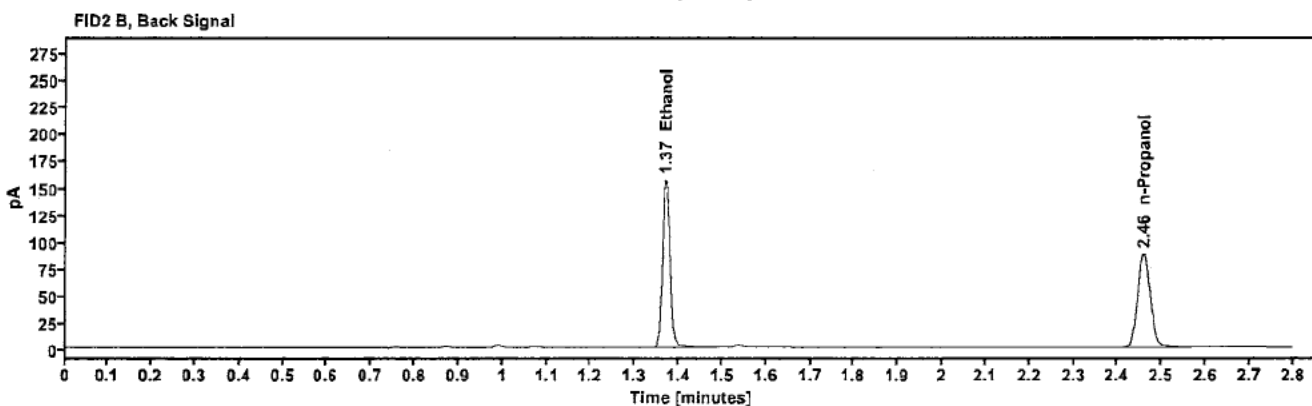
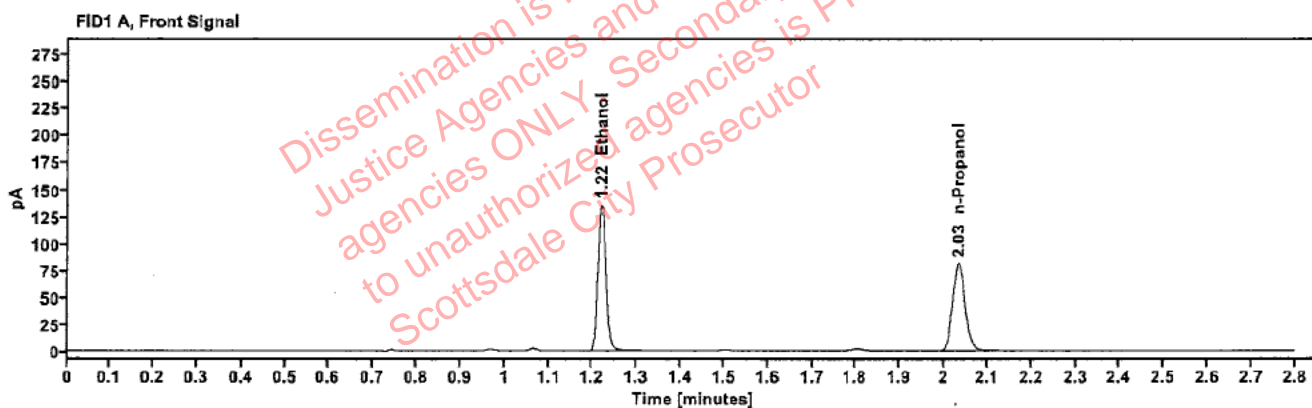


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2791	1.220	172.659
n-Propanol	-----	2.034	162.282

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

Compound	Time (min)	Peak Area
Ethanol	1.369	190.252
n-Propanol	2.458	175.230

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509864-1	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:23:23 PM
Data file:	C:\Chem32\1\Data\23May25\30.D	Analyst:	Brooke

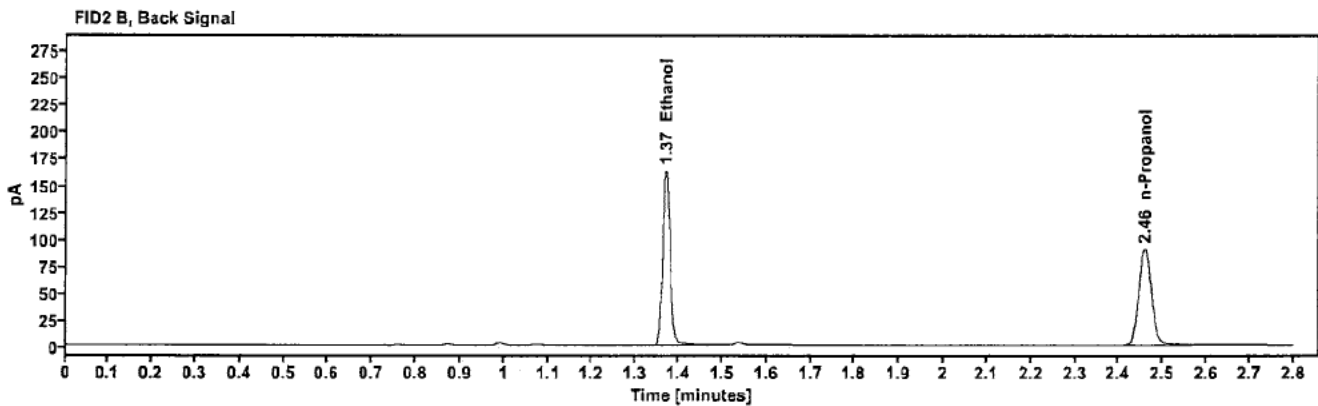
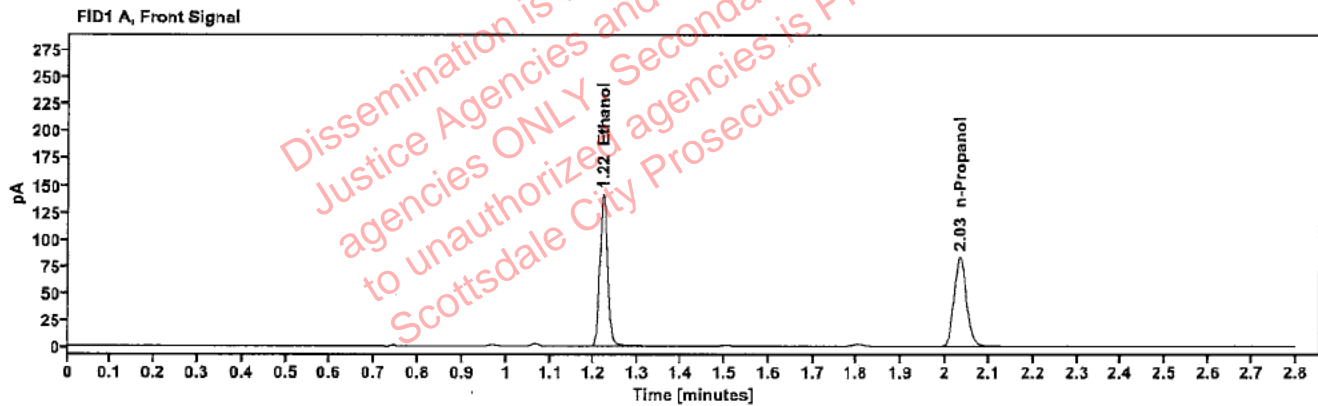


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2818	1.220	179.706
n-Propanol	—	2.034	167.304

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

Compound	Time (min)	Peak Area
Ethanol	1.369	197.923
n-Propanol	2.458	180.575

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509950-3	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:31:38 PM
Data file:	C:\Chem32\1\Data\23May25\32.D	Analyst:	Brooke

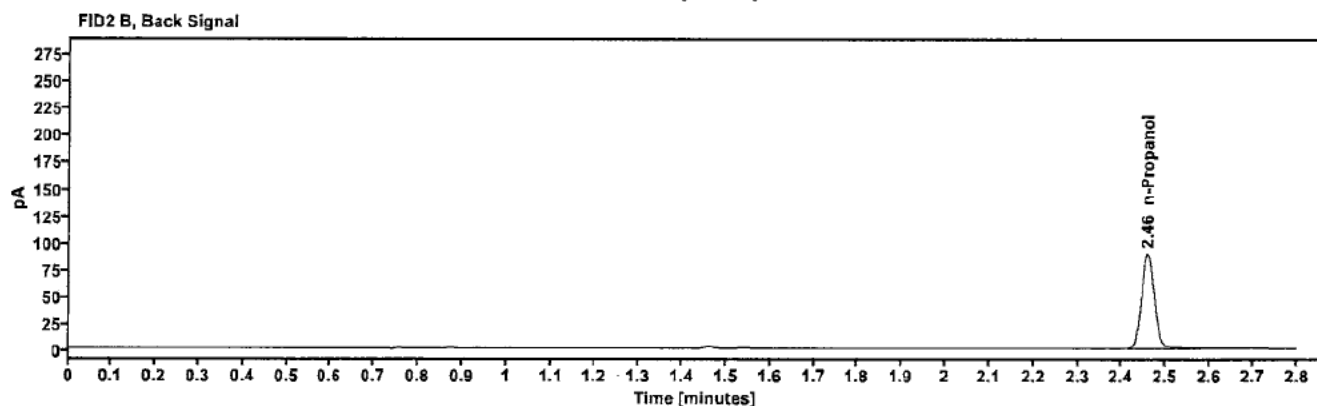
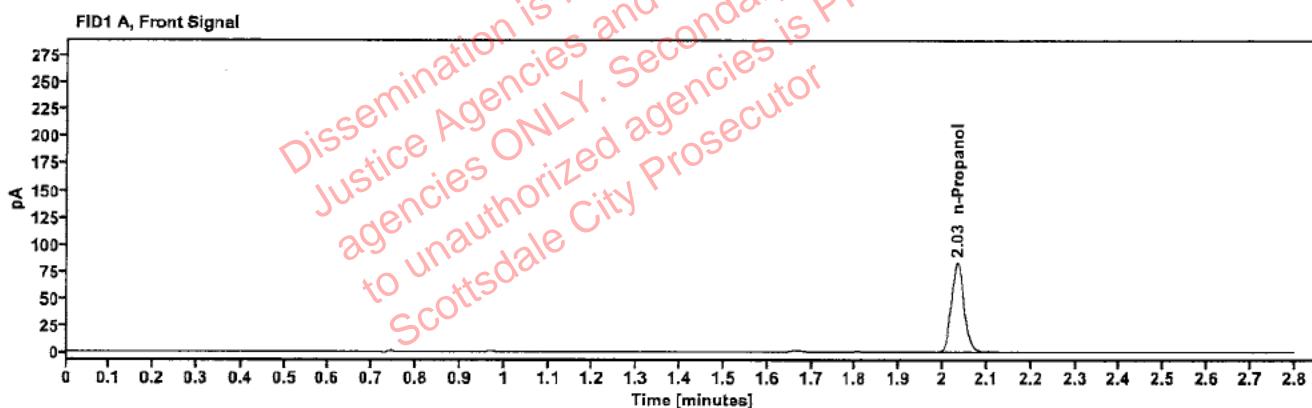


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.033	165.077

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

Compound	Time (min)	Peak Area
n-Propanol	2.458	179.290

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509950-3	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:35:38 PM
Data file:	C:\Chem32\11Data\23May25\33.D	Analyst:	Brooke

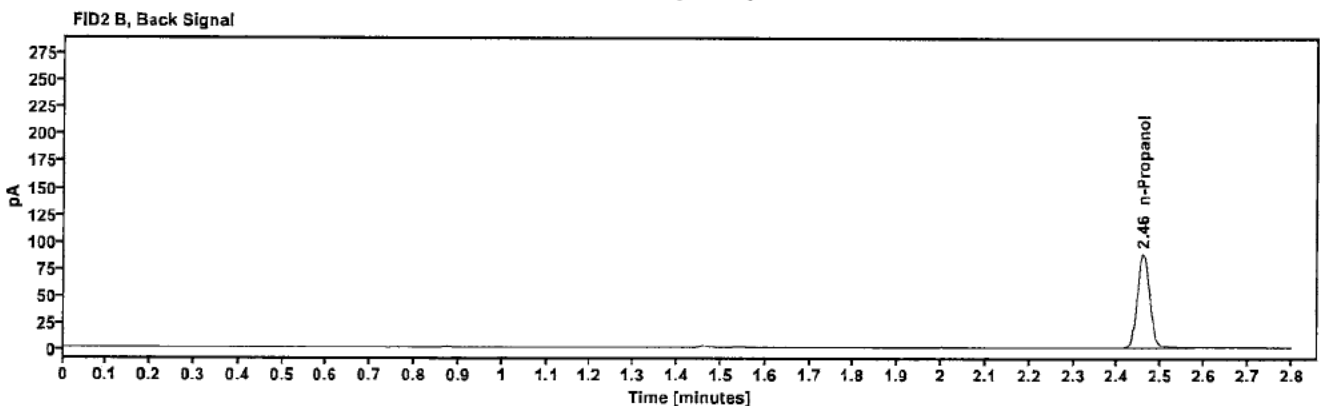
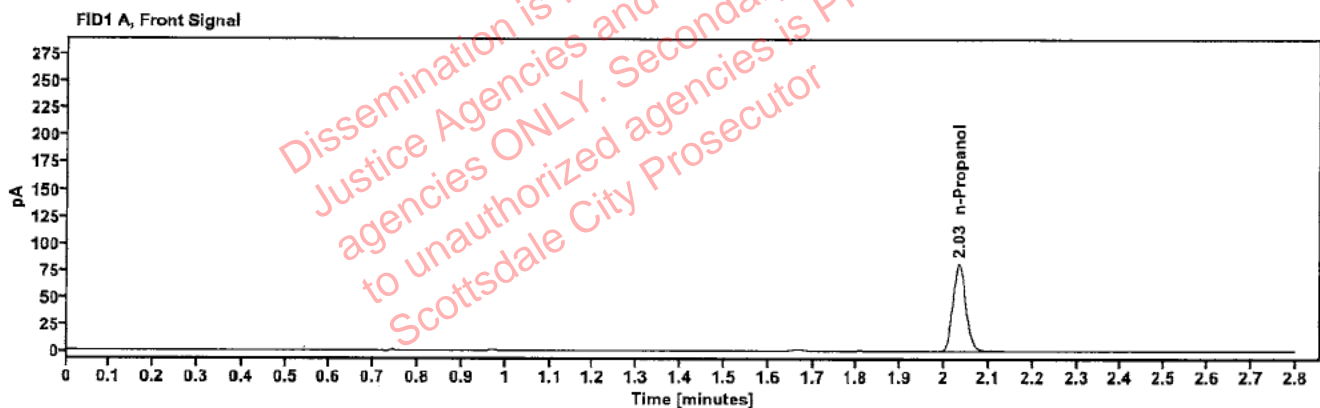


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.033	163.268

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

Compound	Time (min)	Peak Area
n-Propanol	2.458	177.007

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510142-2	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:39:38 PM
Data file:	C:\Chem32\1\Data\23May25\34.D	Analyst:	Brooke

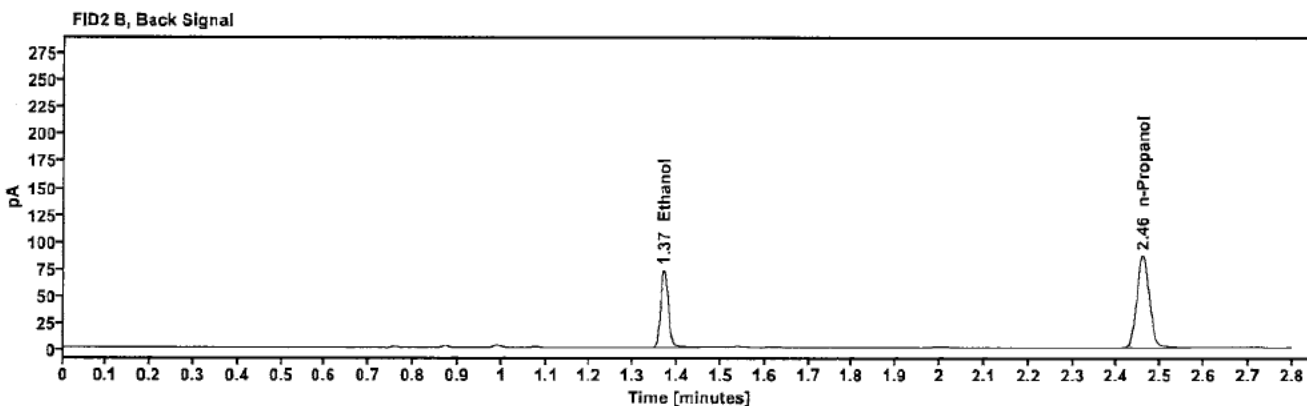
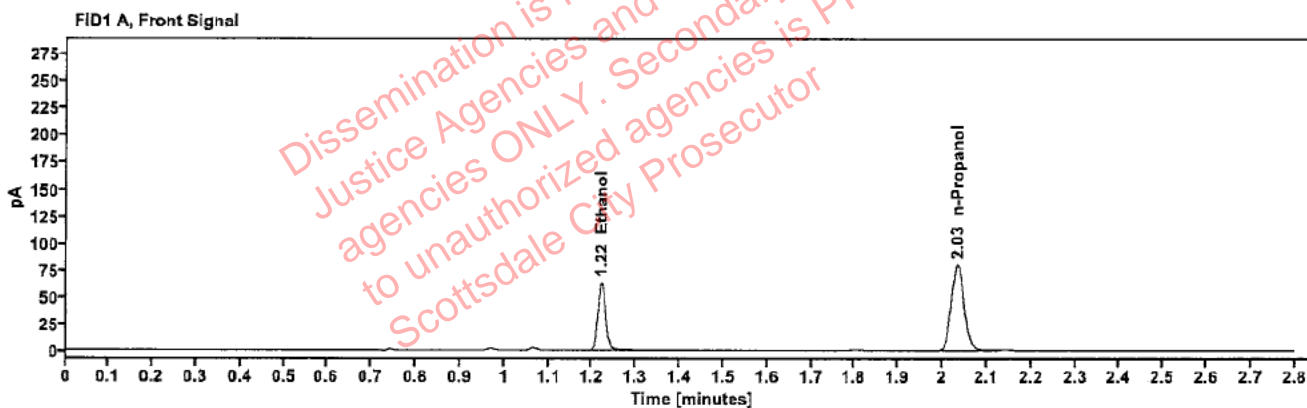


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1326	1.220	80.040
n-Propanol	-----	2.033	159.529

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

Compound	Time (min)	Peak Area
Ethanol	1.369	87.554
n-Propanol	2.458	172.830

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510142-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:43:38 PM
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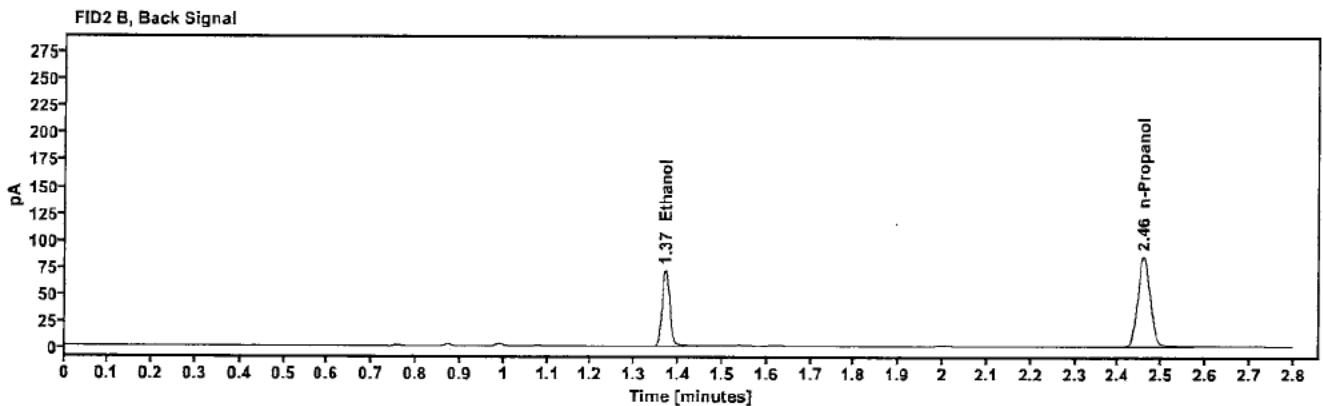
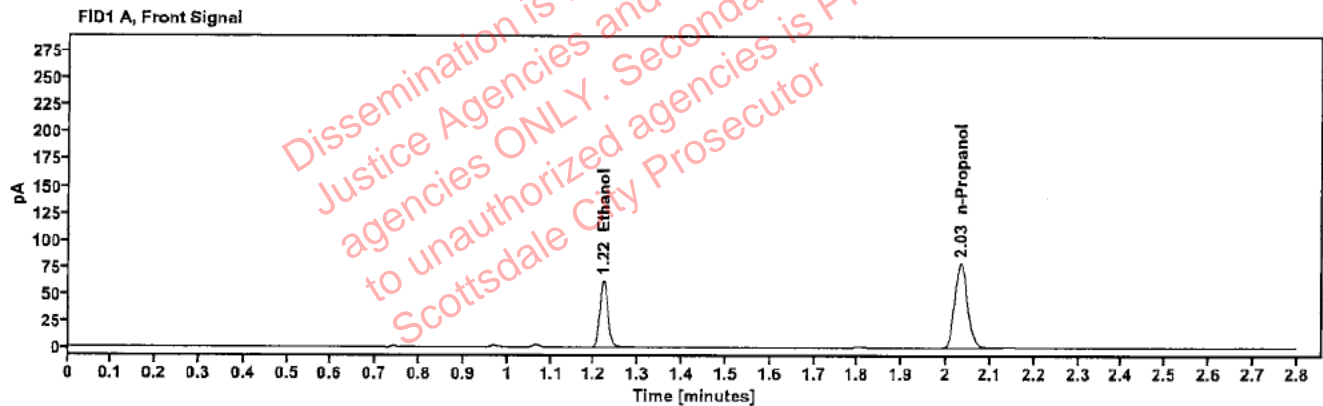


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1329	1.220	79.155
n-Propanol	—	2.033	157.505

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

Compound	Time (min)	Peak Area
Ethanol	1.369	86.433
n-Propanol	2.458	170.681

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510143-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:47:39 PM
Data file:	C:\Chem32\1\Data\23May25\36.D	Analyst:	Brooke

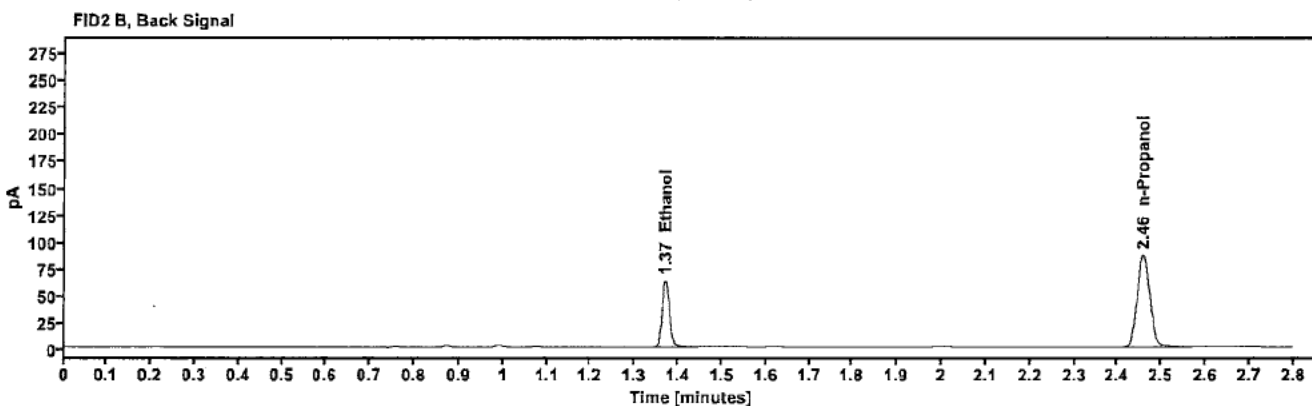
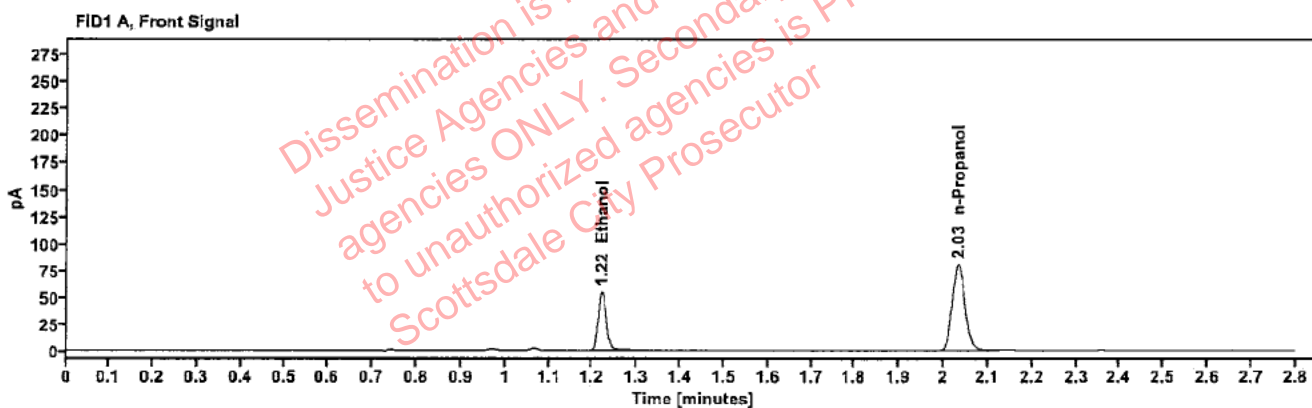


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1147	1.221	69.559
n-Propanol	—	2.033	160.644

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

Compound	Time (min)	Peak Area
Ethanol	1.370	76.011
n-Propanol	2.458	174.020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510143-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:51:53 PM
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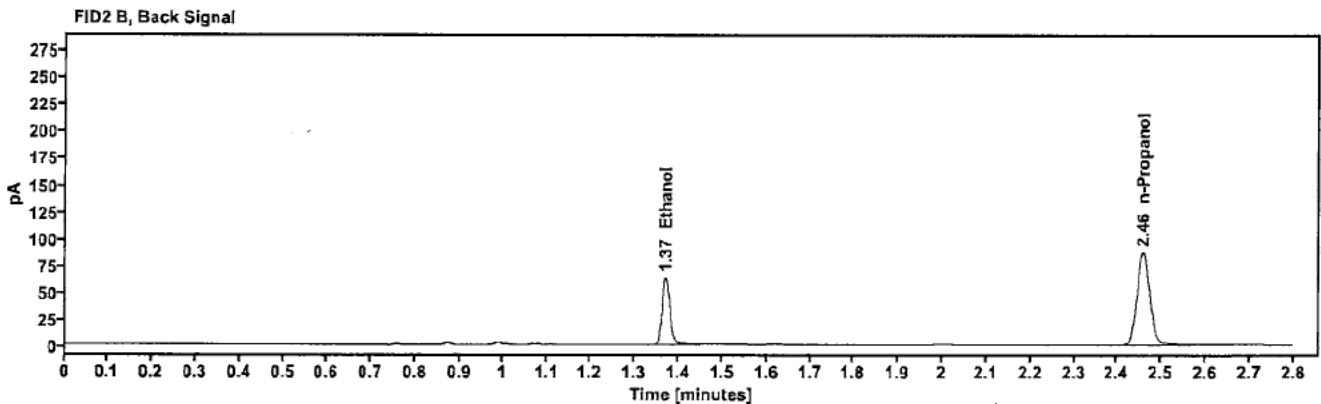
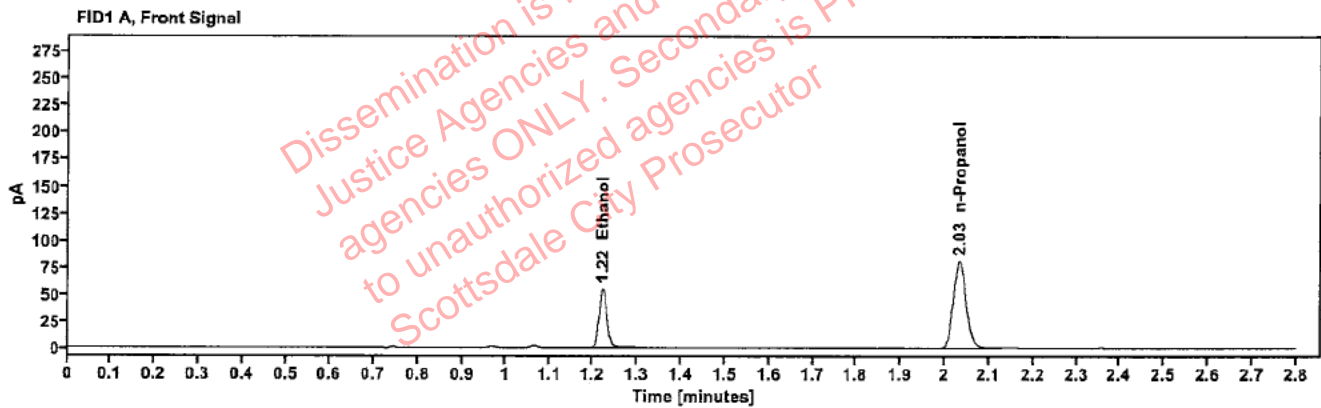


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1147	1.221	69.776
n-Propanol	---	2.033	161.267

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

Compound	Time (min)	Peak Area
Ethanol	1.370	76.206
n-Propanol	2.458	174.722

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510125-2	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:55:54 PM
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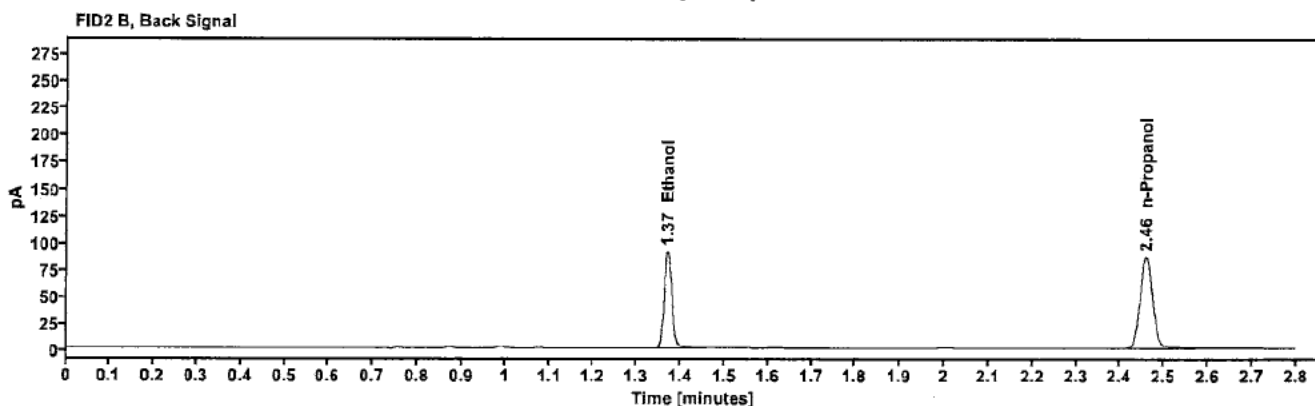
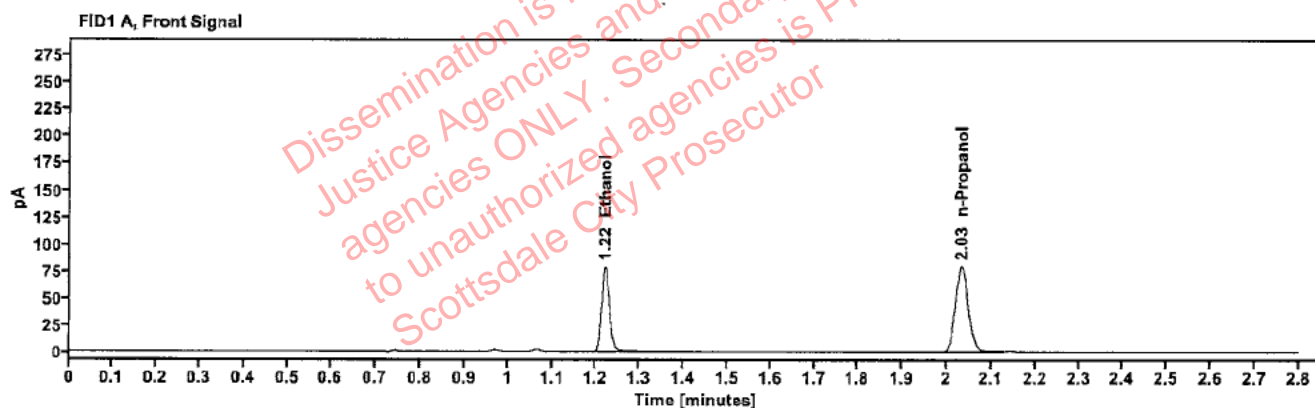


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1661	1.220	100.444
n-Propanol	-----	2.033	159.409

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

Compound	Time (min)	Peak Area
Ethanol	1.369	110.223
n-Propanol	2.458	172.677

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510125-2	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 2:59:54 PM
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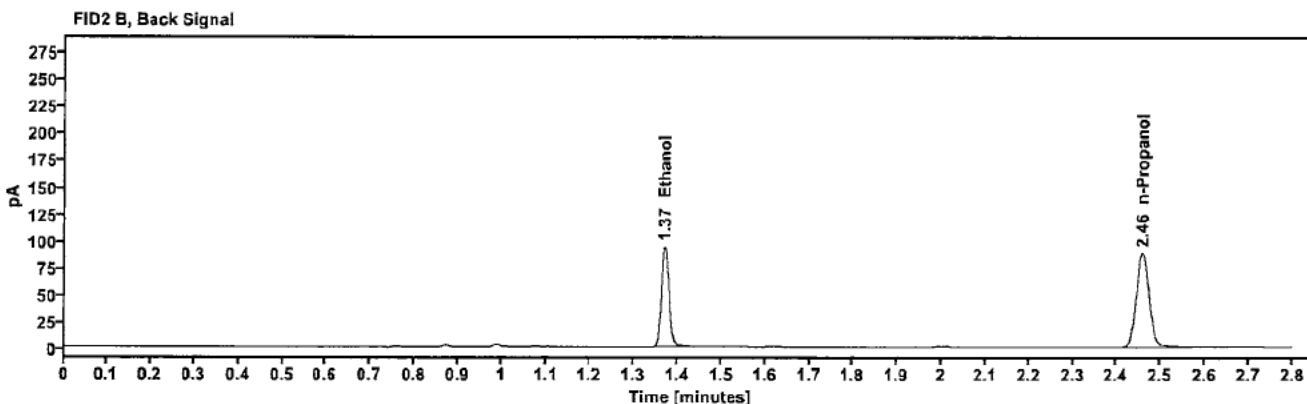
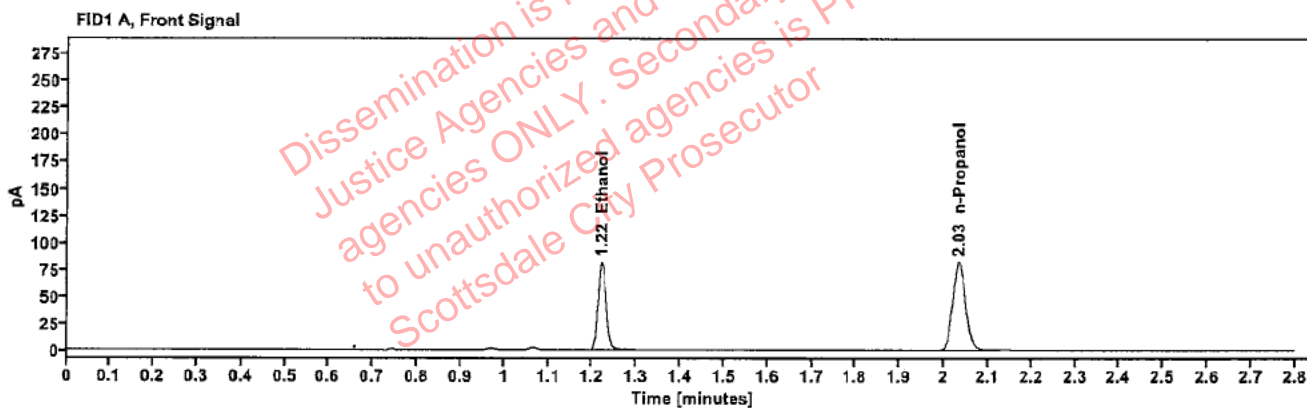


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1675	1.220	103.747
n-Propanol	—	2.033	163.233

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

Compound	Time (min)	Peak Area
Ethanol	1.369	113.550
n-Propanol	2.458	176.750

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510215-1	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:03:53 PM
Data file:	C:\Chem32\1\Data\23May25\40.D	Analyst:	Brooke

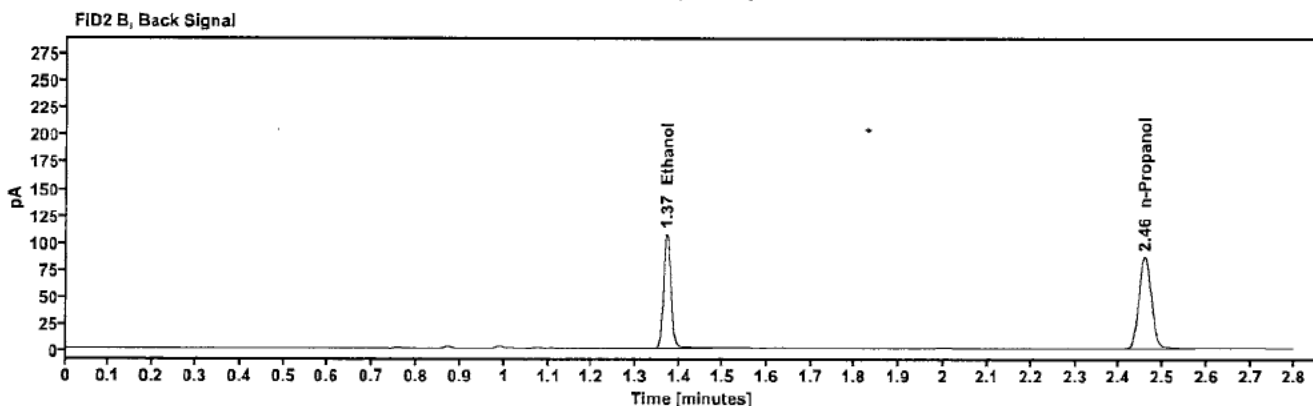
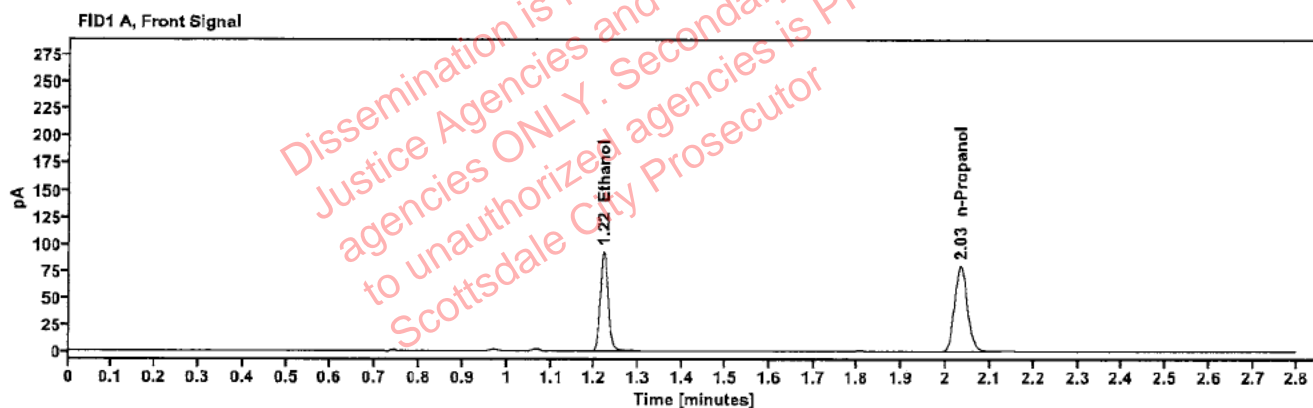


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1950	1.220	118.379
n-Propanol	-----	2.033	159.719

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

Compound	Time (min)	Peak Area
Ethanol	1.369	130.066
n-Propanol	2.458	173.131

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510215-1	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:07:53 PM
Data file:	C:\Chem32\1\Data\23May25\41.D	Analyst:	Brooke

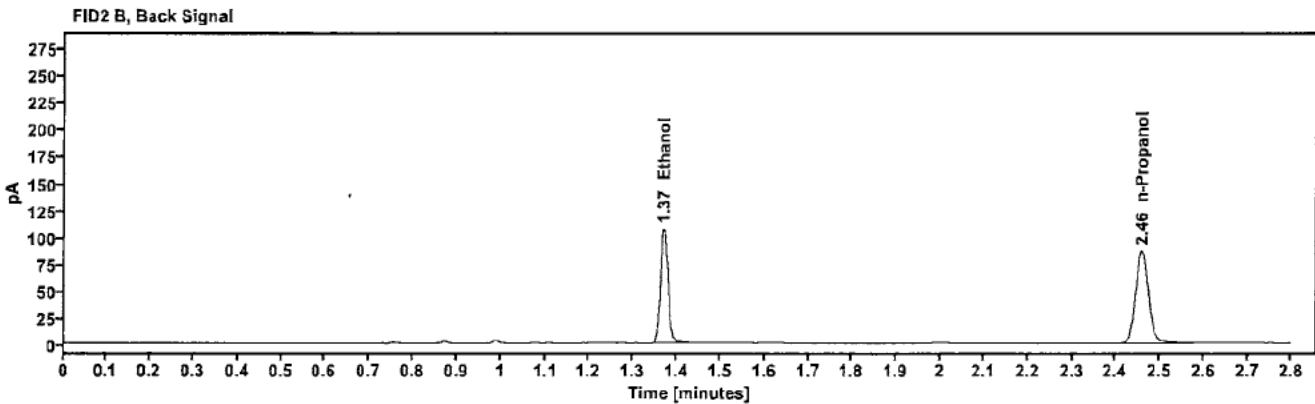
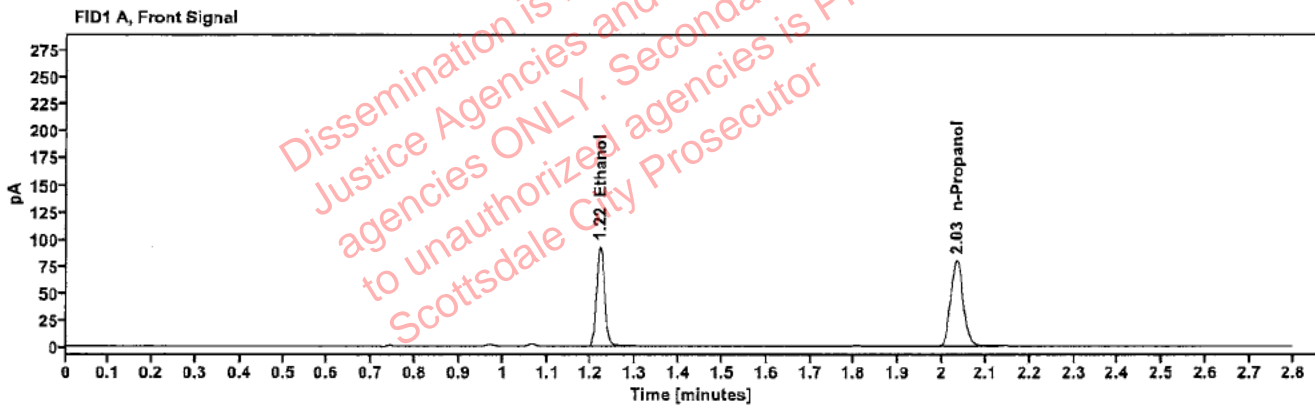


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1949	1.220	118.083
n-Propanol	—	2.033	159.430

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

Compound	Time (min)	Peak Area
Ethanol	1.369	129.624
n-Propanol	2.458	172.704

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510276-1	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:16:08 PM
Data file:	C:\Chem32\1\Data\23May25\43.D	Analyst:	Brooke

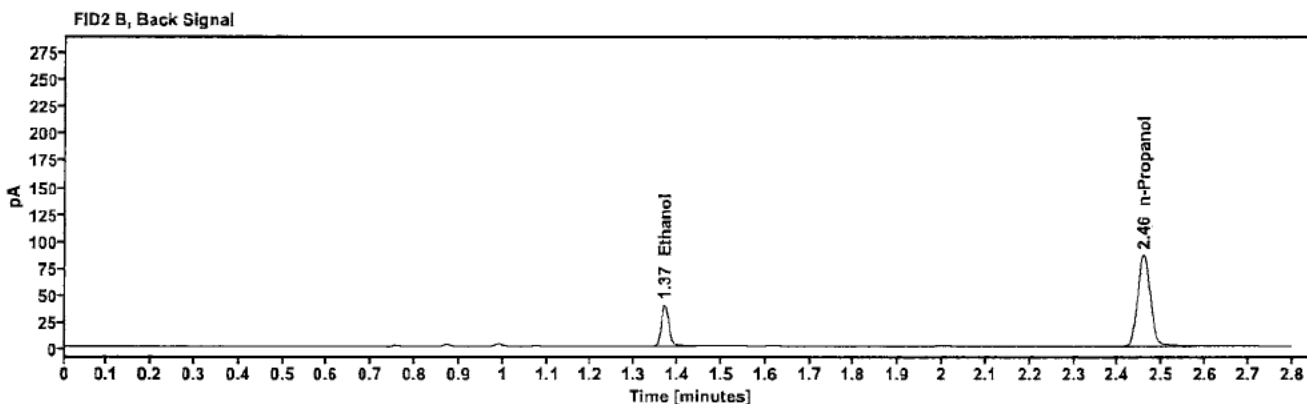
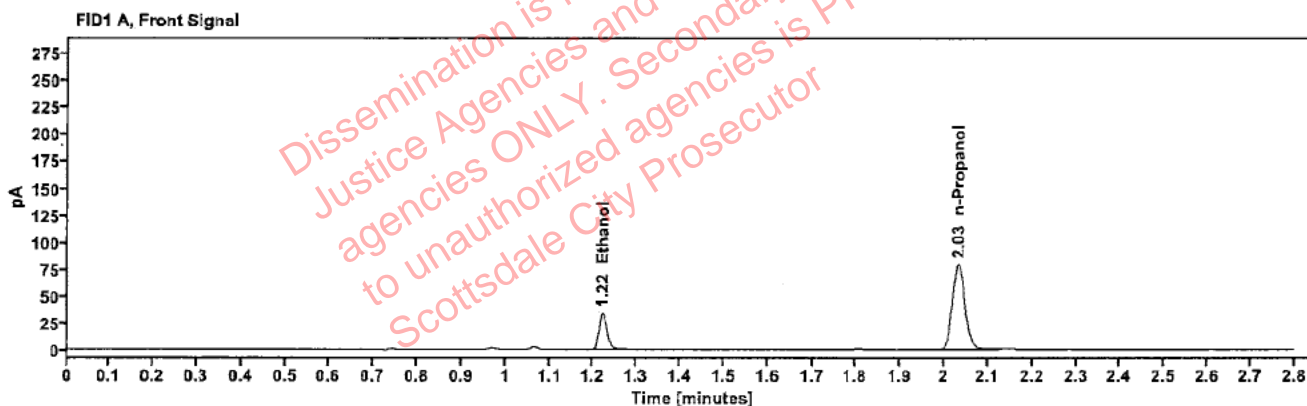


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0728	1.221	42.983
n-Propanol	-----	2.033	158.086

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

Compound	Time (min)	Peak Area
Ethanol	1.370	46.943
n-Propanol	2.458	171.401

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510276-1	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:20:09 PM
Data file:	C:\Chem32\1\Data\23May25\44.D	Analyst:	Brooke

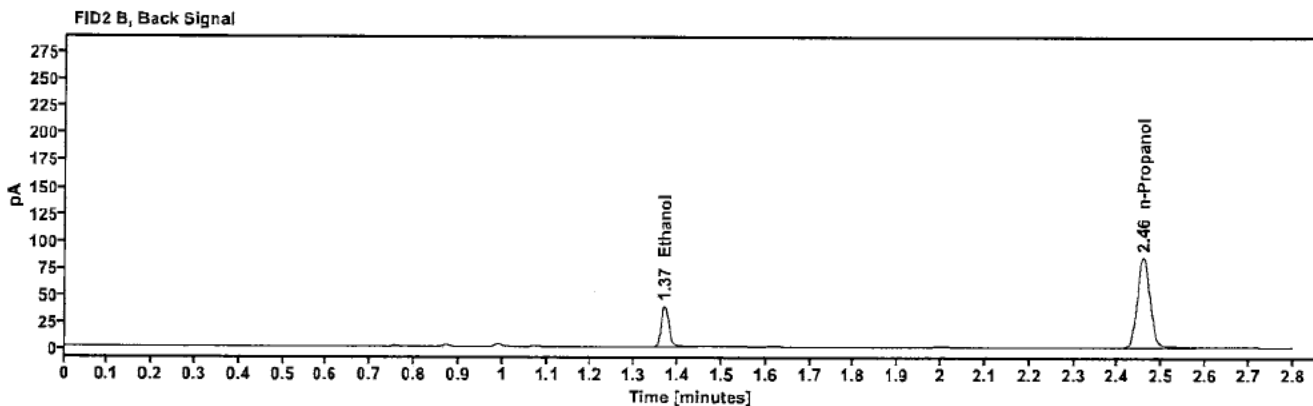
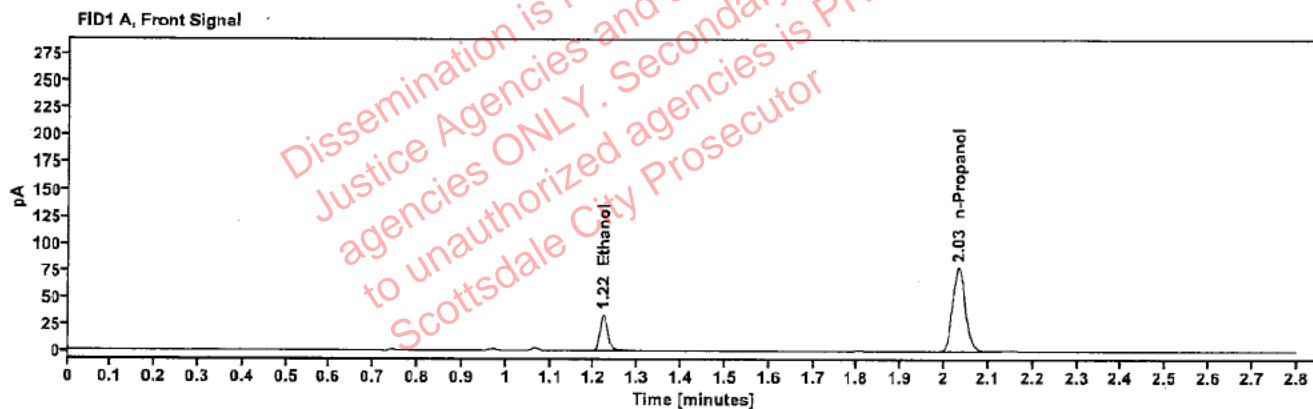


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0724	1.221	42.255
n-Propanol	-----	2.033	156.220

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

Compound	Time (min)	Peak Area
Ethanol	1.369	46.049
n-Propanol	2.457	169.532

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510335-2	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:24:09 PM
Data file:	C:\Chem32\1\Data\23May25\45.D	Analyst:	Brooke

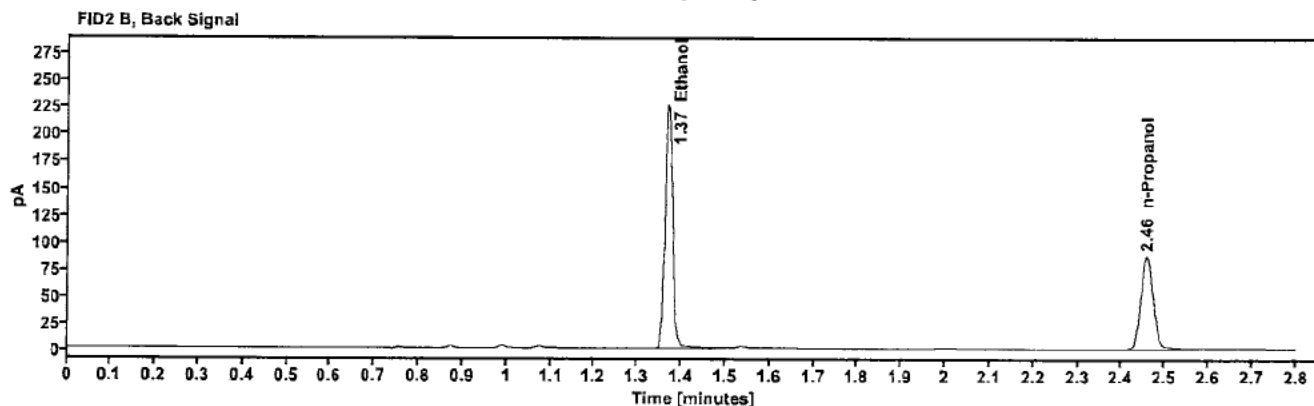
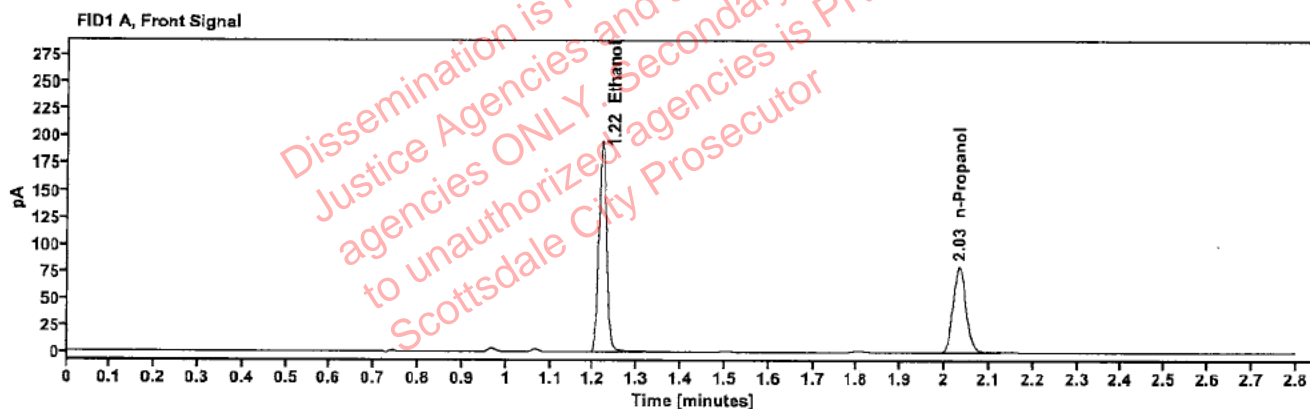


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4077	1.219	249.252
n-Propanol	-----	2.033	160.043

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

Compound	Time (min)	Peak Area
Ethanol	1.369	274.458
n-Propanol	2.458	173.330

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510335-2	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:28:08 PM
Data file:	C:\Chem32\1\Data\23May25\46.D	Analyst:	Brooke

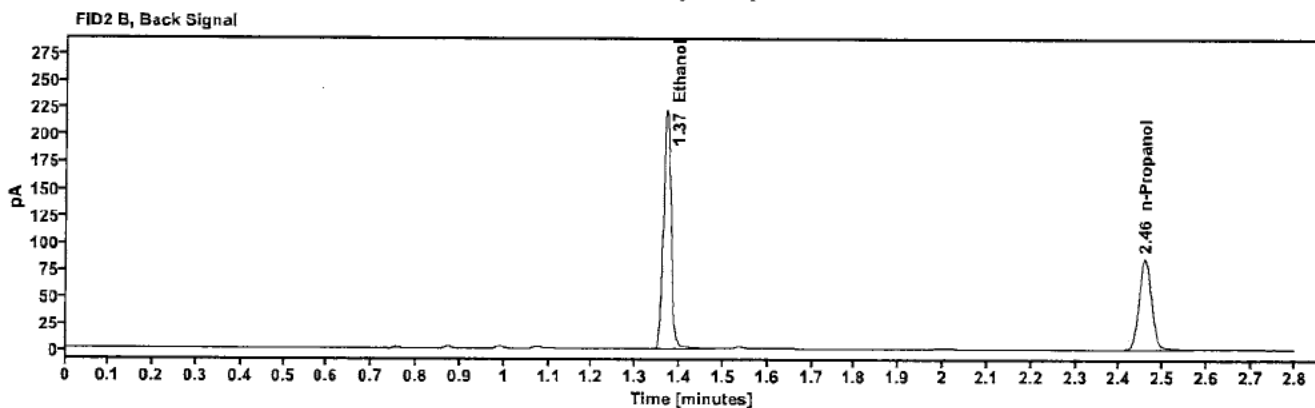
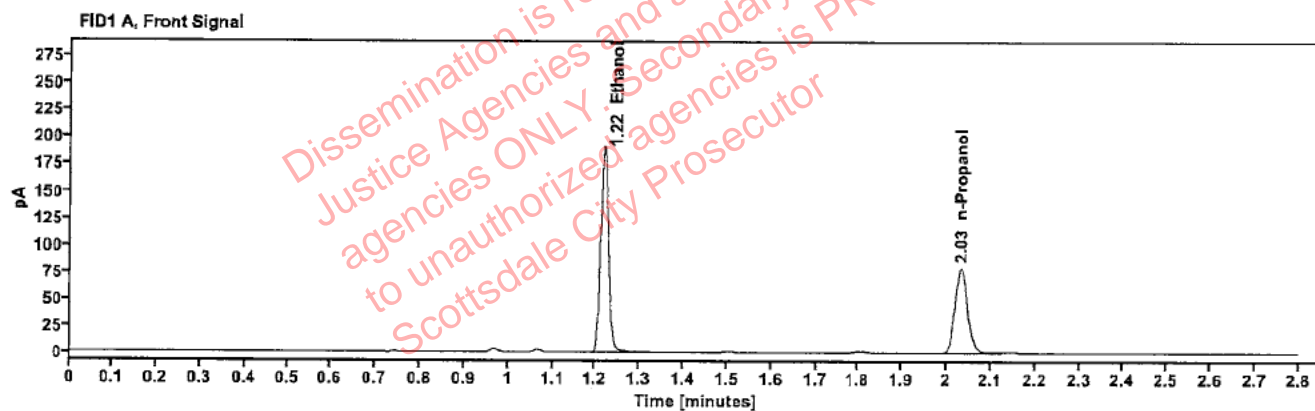


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4064	1.219	244.509
n-Propanol	—	2.033	157.508

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

Compound	Time (min)	Peak Area
Ethanol	1.369	270.495
n-Propanol	2.457	170.475

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00142	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:32:08 PM
Data file:	C:\Chem32\1\Data\23May25\47.D	Analyst:	Brooke

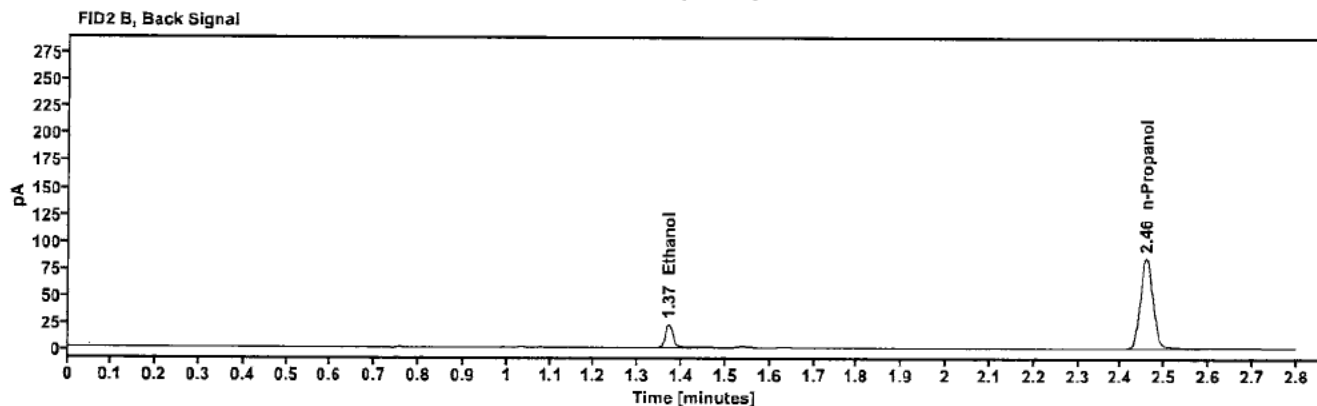
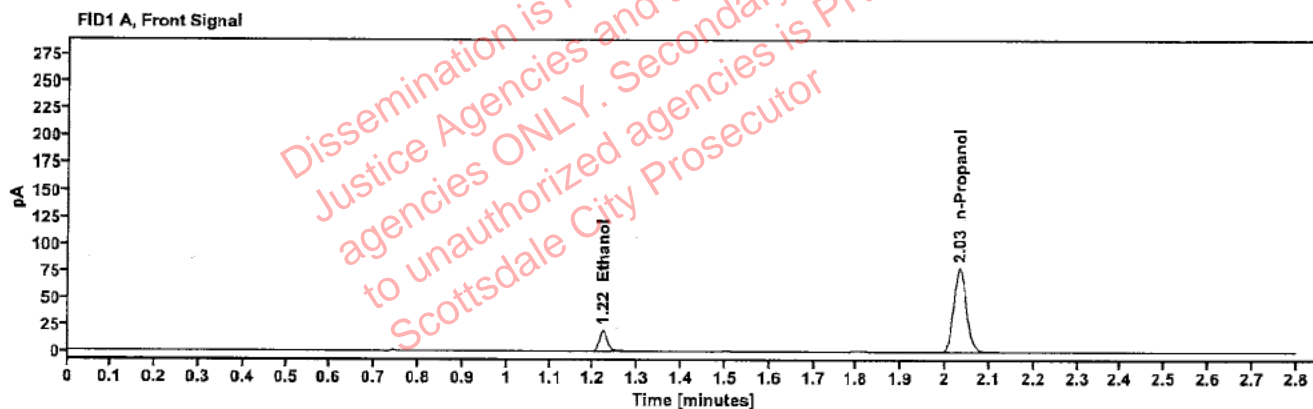


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0428	1.221	24.592
n-Propanol	---	2.033	156.656

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

Compound	Time (min)	Peak Area
Ethanol	1.370	26.863
n-Propanol	2.458	169.915

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00142	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:36:08 PM
Data file:	C:\Chem32\1\Data\23May25\48.D	Analyst:	Brooke

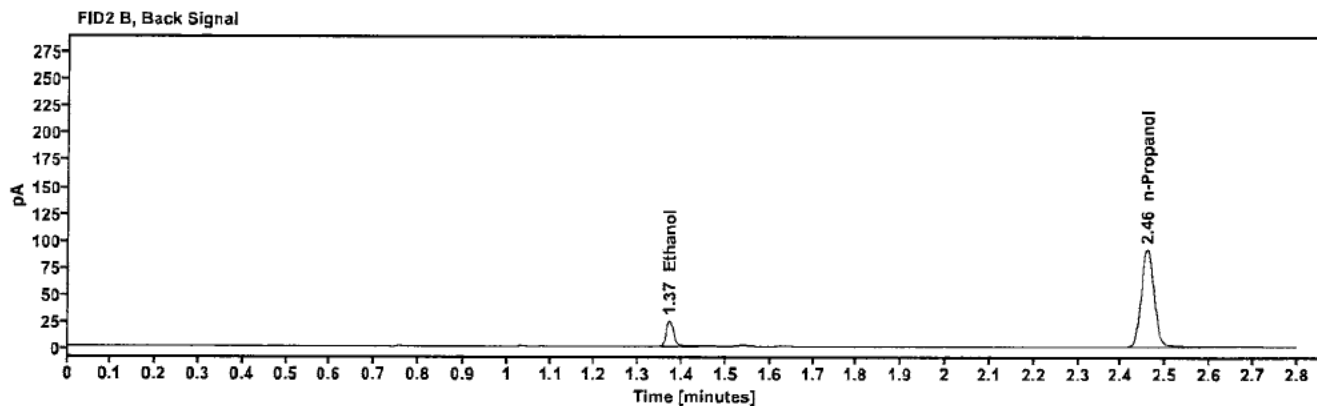
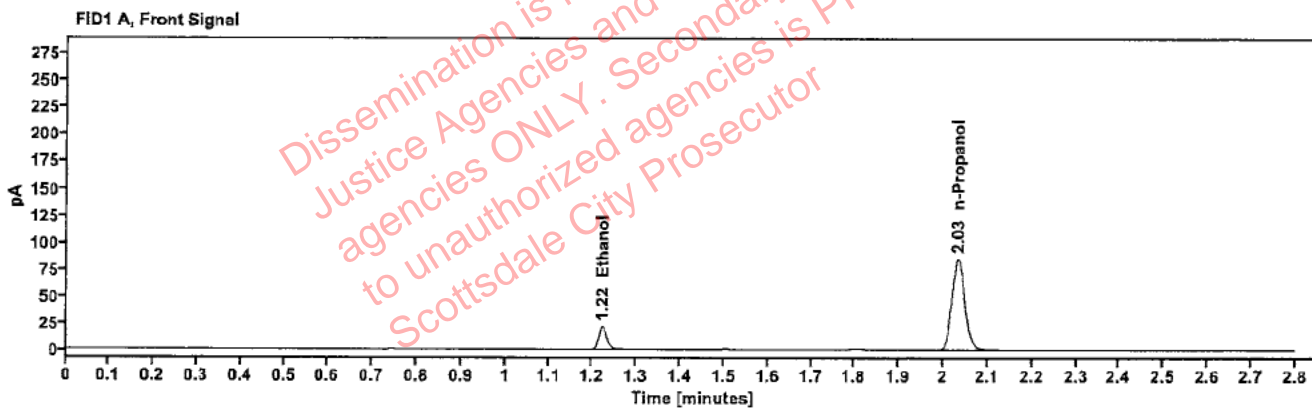


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0434	1.222	27.064
n-Propanol	-----	2.033	170.080

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

Compound	Time (min)	Peak Area
Ethanol	1.371	29.460
n-Propanol	2.458	184.543

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00186	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:40:24 PM
Data file:	C:\Chem32\1\Data\23May25\49.D	Analyst:	Brooke

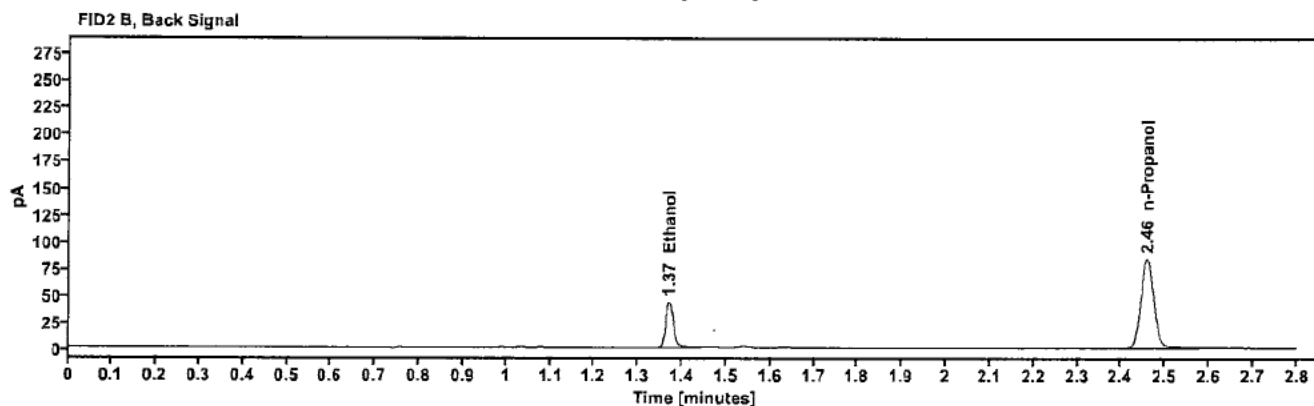
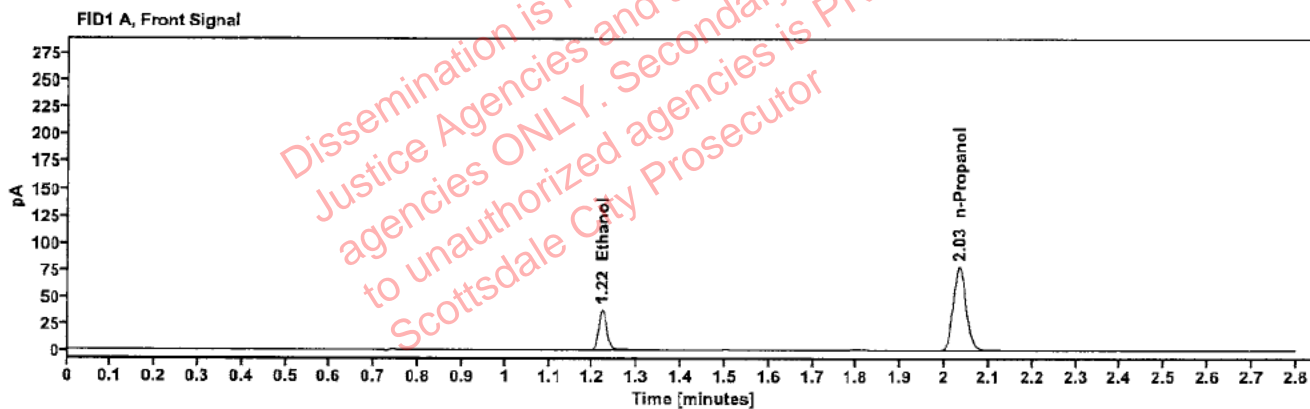


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0820	1.221	47.767
n-Propanol	---	2.033	155.427

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

Compound	Time (min)	Peak Area
Ethanol	1.370	52.094
n-Propanol	2.458	168.479

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00186	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:44:23 PM
Data file:	C:\Chem32\1\Data\23May25\50.D	Analyst:	Brooke

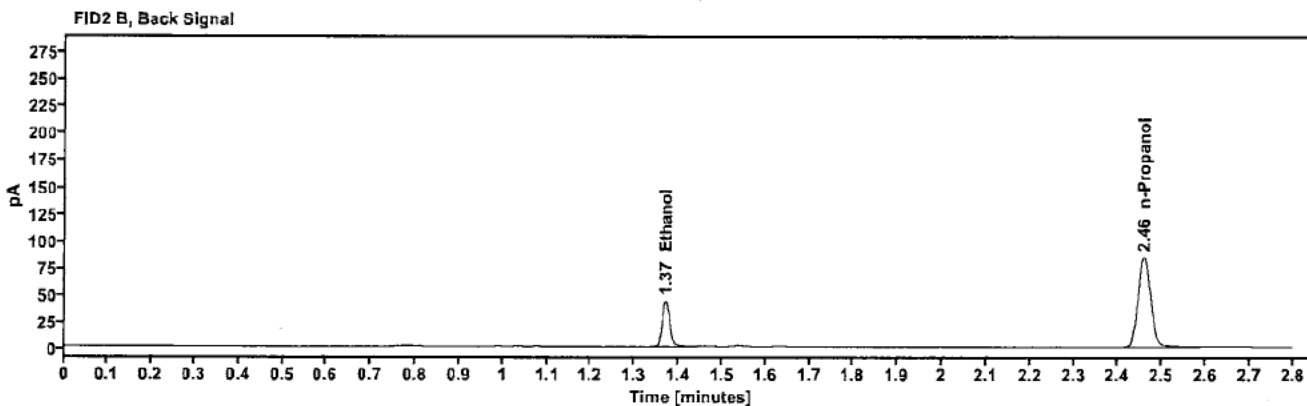
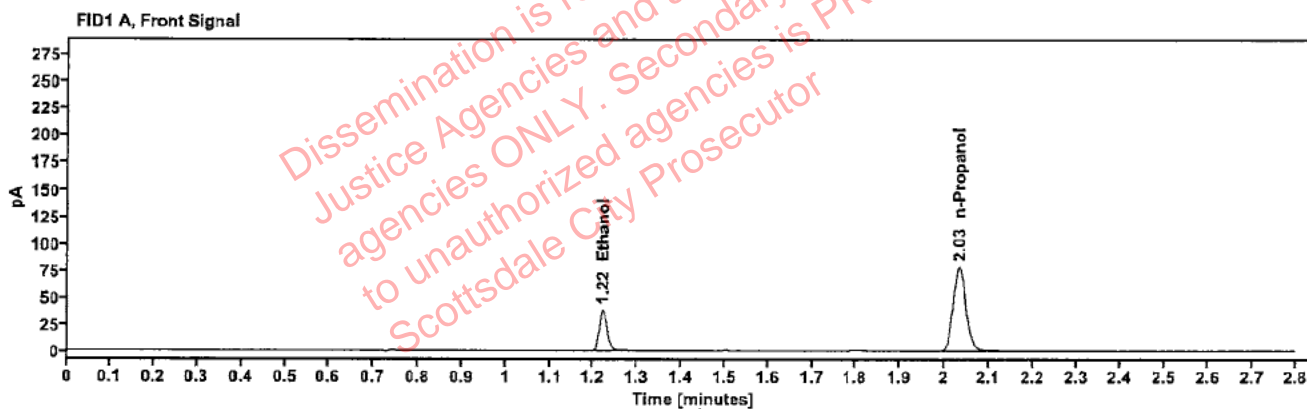


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0820	1.221	48.061
n-Propanol	-----	2.033	156.414

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

Compound	Time (min)	Peak Area
Ethanol	1.370	52.417
n-Propanol	2.458	169.516

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00292	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:48:23 PM
Data file:	C:\Chem32\1\Data\23May25\51.D	Analyst:	Brooke

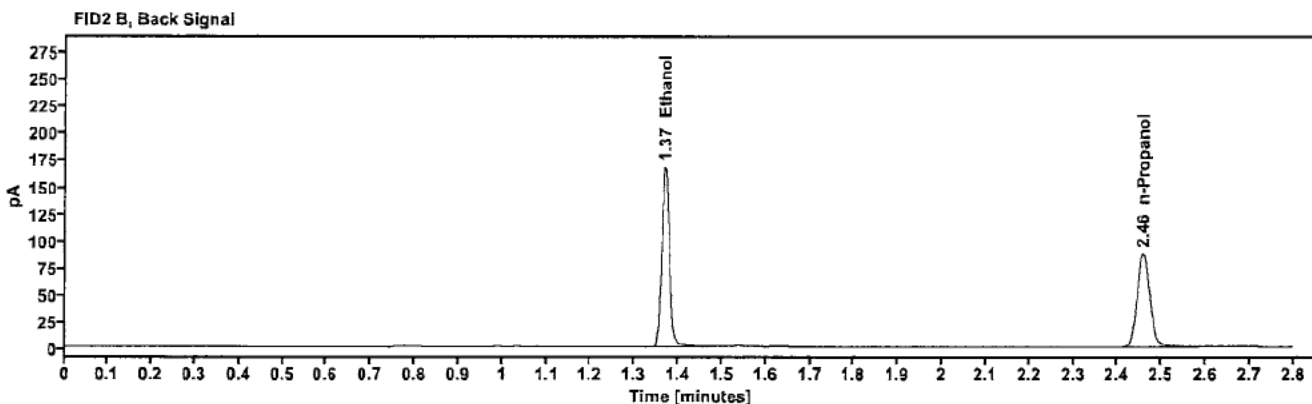
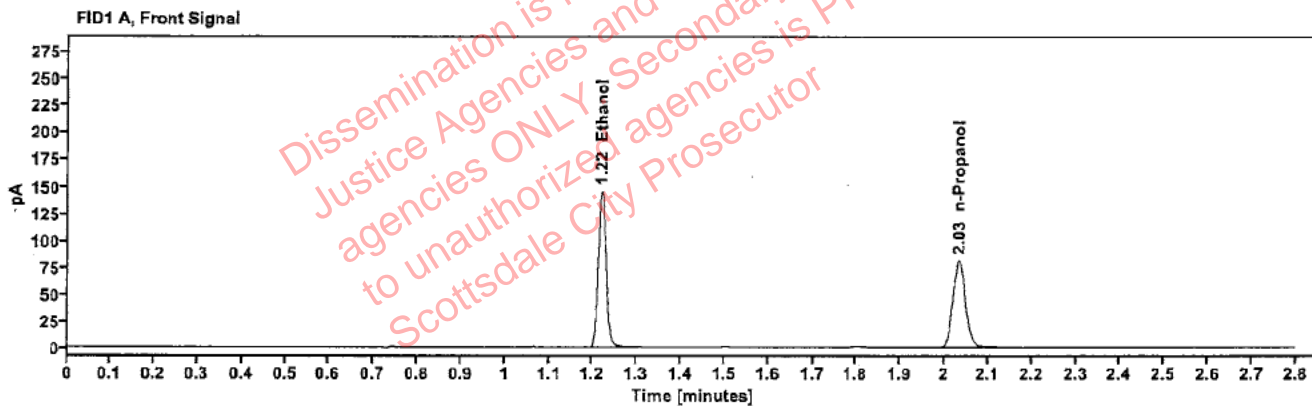


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2988	1.219	185.087
n-Propanol	—	2.033	162.433

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

Compound	Time (min)	Peak Area
Ethanol	1.369	203.995
n-Propanol	2.457	176.178

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00292	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 3:52:23 PM
Data file:	C:\Chem32\1\Data\23May25\52.D	Analyst:	Brooke

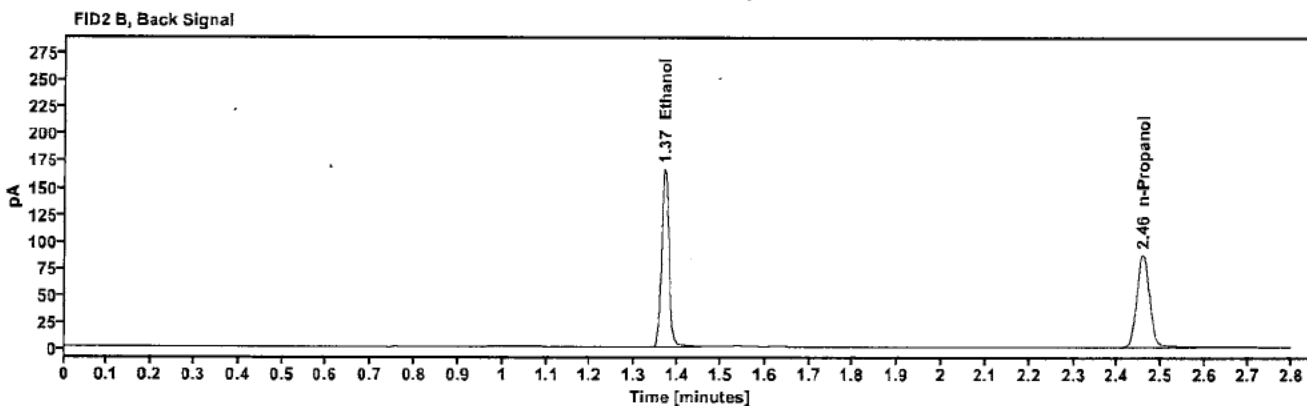
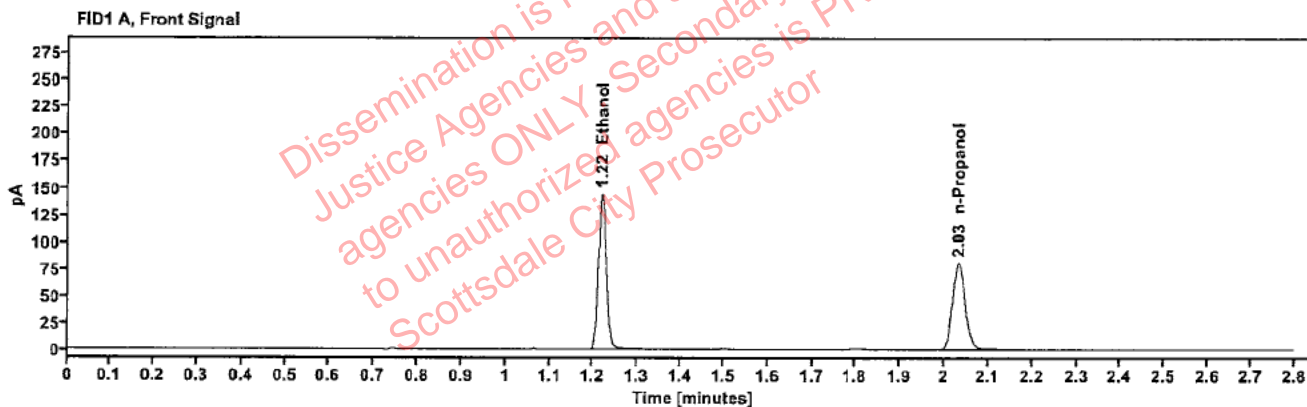


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2987	1.219	183.743
n-Propanol	—	2.033	161.289

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

Compound	Time (min)	Peak Area
Ethanol	1.369	200.861
n-Propanol	2.457	174.778

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00236	Vial:	54
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 4:00:23 PM
Data file:	C:\Chem32\1\Data\23May25\54.D	Analyst:	Brooke

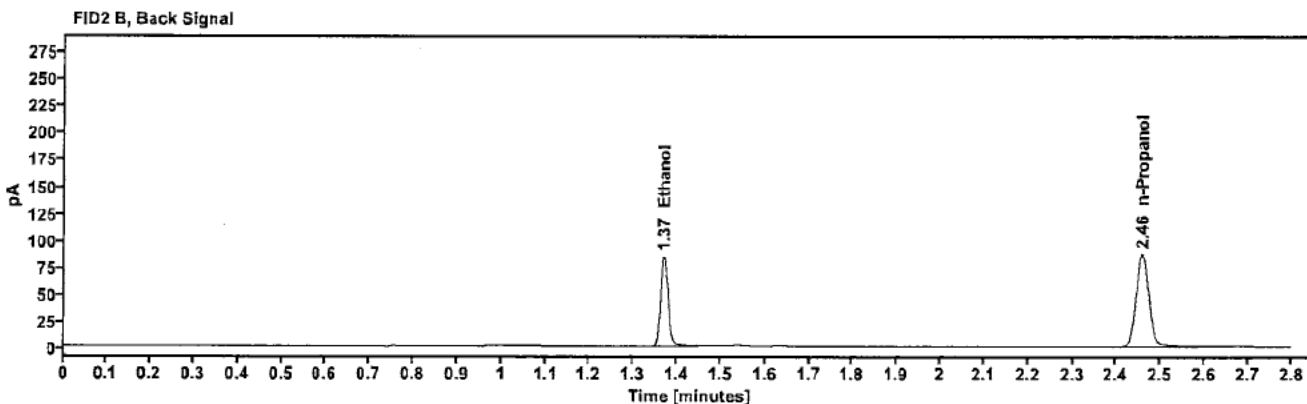
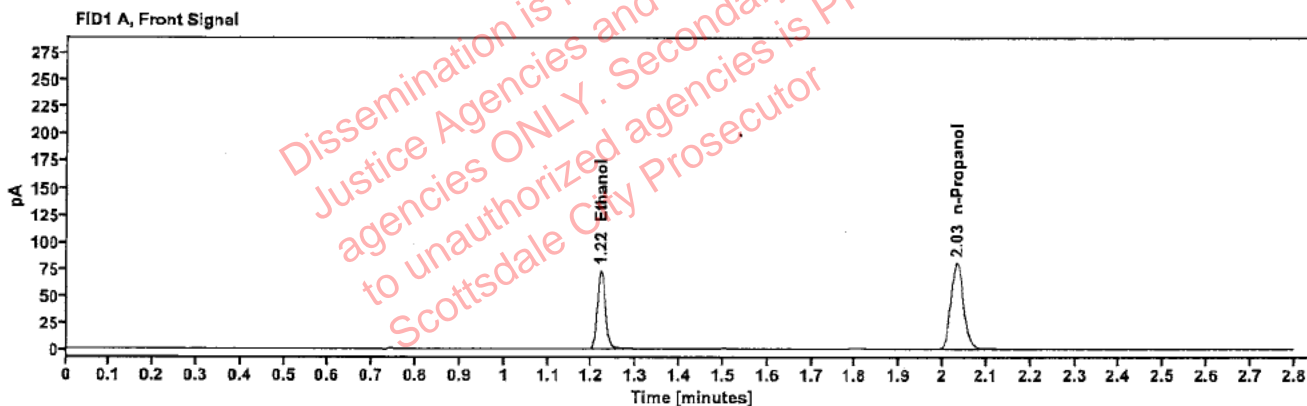


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1527	1.220	92.989
n-Propanol	—	2.033	160.664

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

Compound	Time (min)	Peak Area
Ethanol	1.369	101.425
n-Propanol	2.457	174.176

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00236	Vial:	55
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23May25
Instrument:	US14173023 CN14160045	Injection date:	5/23/2025 4:04:38 PM
Data file:	C:\Chem32\11Data\23May25\55.D	Analyst:	Brooke

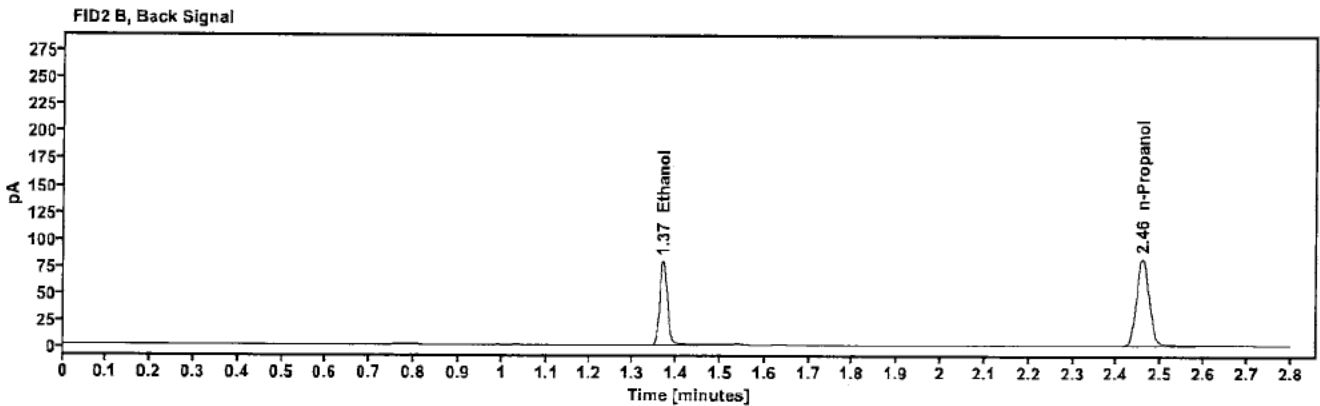
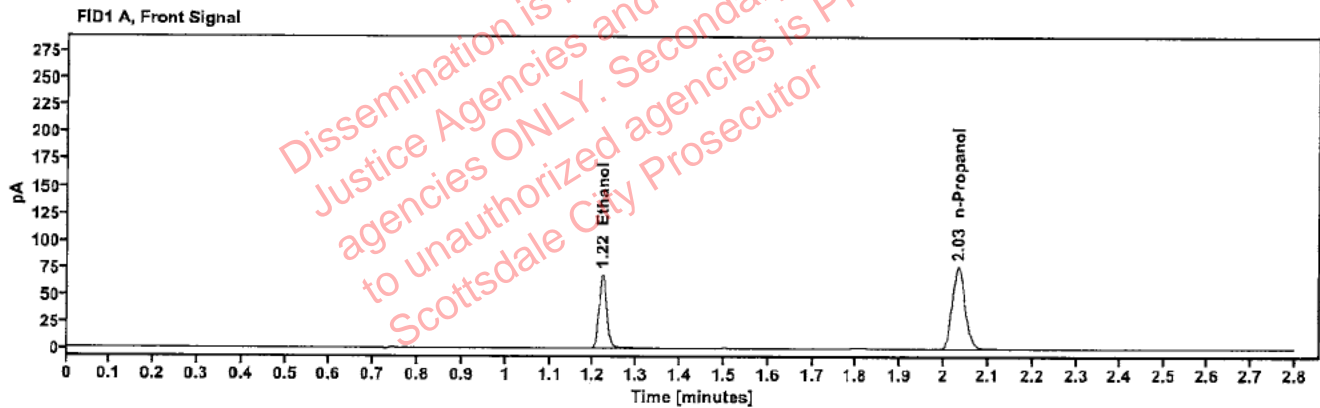


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1506	1.220	87.239
n-Propanol	—	2.033	152.904

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

Compound	Time (min)	Peak Area
Ethanol	1.369	95.230
n-Propanol	2.457	165.623