

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/19/2025 SEQUENCE NAME 19Mar25

EQUIPMENT

Pipettor Hamilton ML600GJ10749 Hamilton ML600EA20851
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN03072301 0.99999
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST


Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 111224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Blood control	0.302 g/dL	0.308 g/dL	ACQ 4101119254/10
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 518018
9	Aqueous control	0.100 g/dL	0.104 g/dL	Lipomed 517758
20	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
42	Blood control	0.302 g/dL	0.308 g/dL	ACQ 4101119254/10
43	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 518018
44	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
45	Blank	Not detected	Not detected	SPD lab 120424AQ

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid
 Run invalid


 Analyst

Run valid
 Run invalid


 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

JB

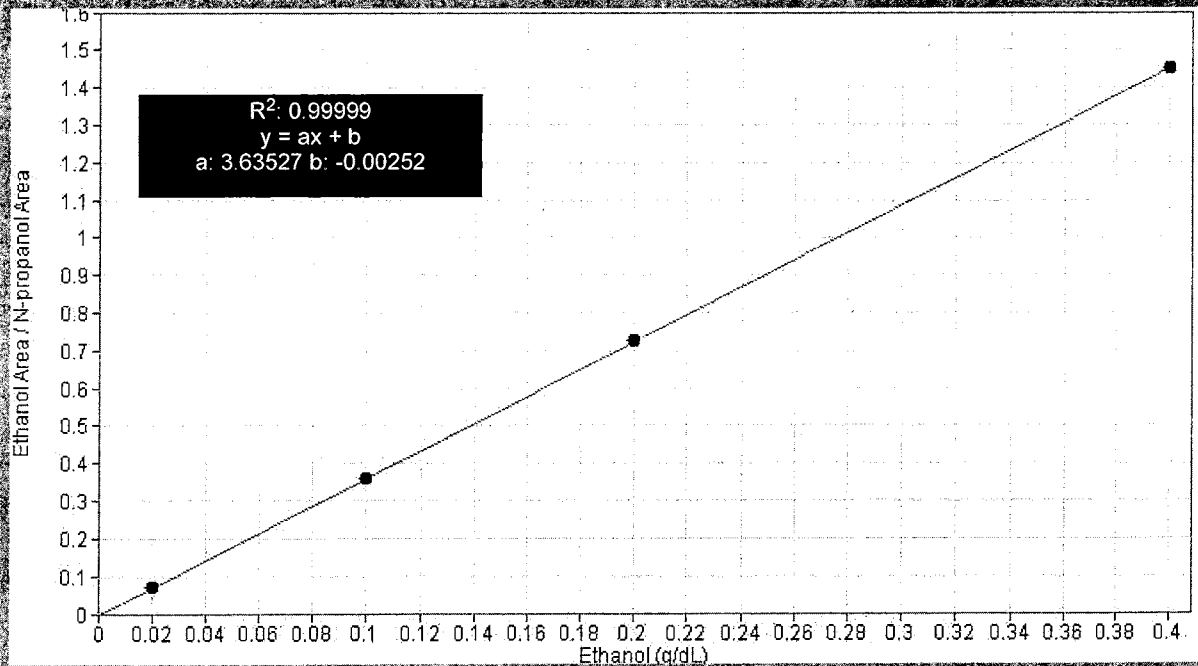
SEQUENCE NAME: 19Mar25

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 111224WB	5	negative	negative	-	-
0.302 4101119254/10	7	0.308	0.302	1.99	0.006
0.040 518018	8	0.040	0.040	0.00	0.000
0.100 517758	9	0.104	0.100	4.00	0.004
0.100 517758	20	0.100	0.100	0.00	0.000
0.100 517758	31	0.101	0.100	1.00	0.001
0.302 4101119254/10	42	0.308	0.302	1.99	0.006
0.040 518018	43	0.040	0.040	0.00	0.000
0.100 517758	44	0.101	0.100	1.00	0.001
blank 120424AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.381	161.838	0.070
0.100	58.145	161.793	0.359
0.200	117.937	162.285	0.727
0.400	232.263	160.082	1.451

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

YBS

Sample: FN03122113	Vial: 1
Description: 0.020 calibrator	Sequence: 19Mar25
Method: ethanol quant.M	Injection date: 3/19/2025 6:14:02 PM
Instrument: US14173023 CN14160045	Analyst: Brooke
Data file: C:\Chem32\1\Data\19Mar25\1.D	

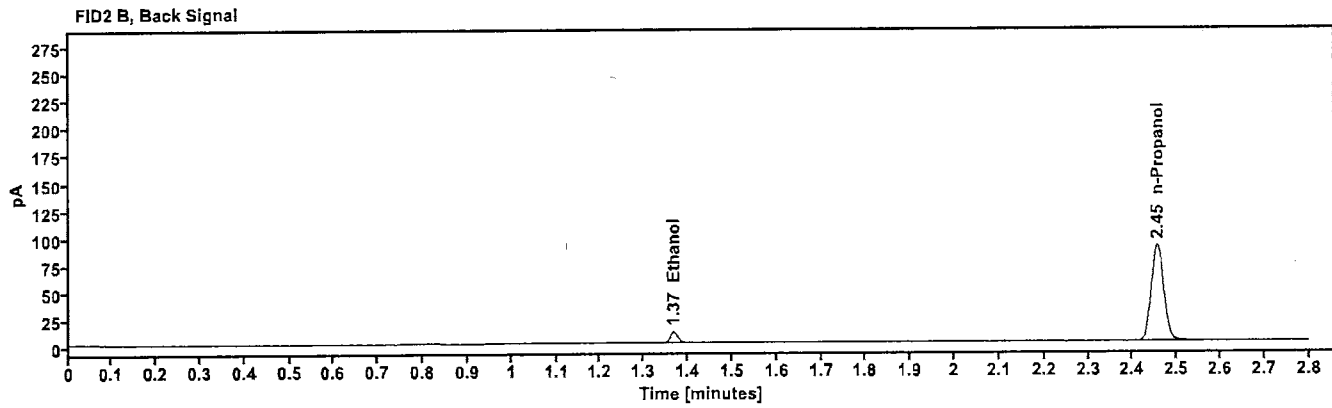
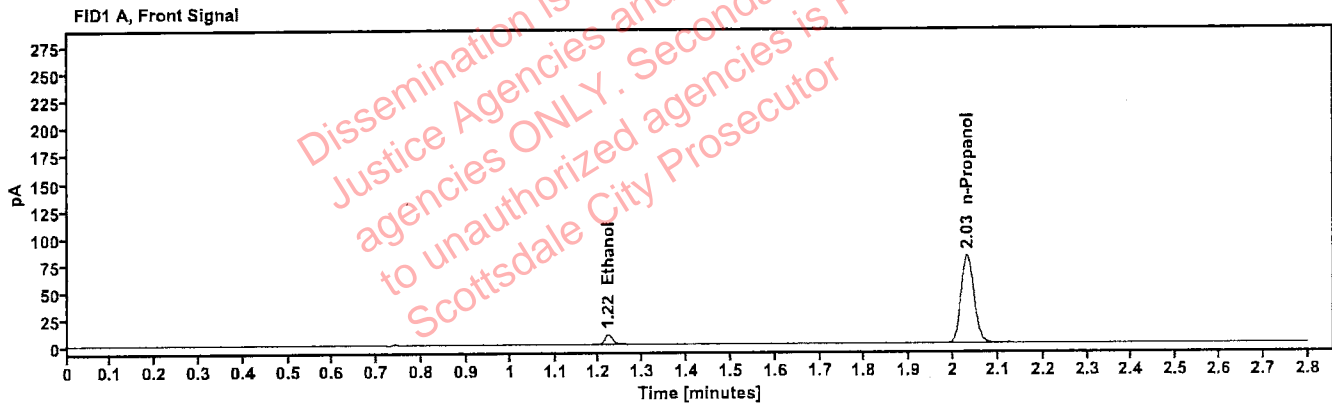


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	11.381
n-Propanol	2.031	161.838

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

Compound	Time (min)	Peak Area
Ethanol	1.367	12.490
n-Propanol	2.455	176.606

Scottsdale Police Department Crime Lab Volatiles Analysis

Handwritten initials

Sample: FN03072301	Vial: 2
Description: 0.100 calibrator	Sequence: 19Mar25
Method: ethanol quant.M	Injection date: 3/19/2025 6:18:03 PM
Instrument: US14173023 CN14160045	Analyst: Brooke
Data file: C:\Chem32\1\Data\19Mar25\2.D	

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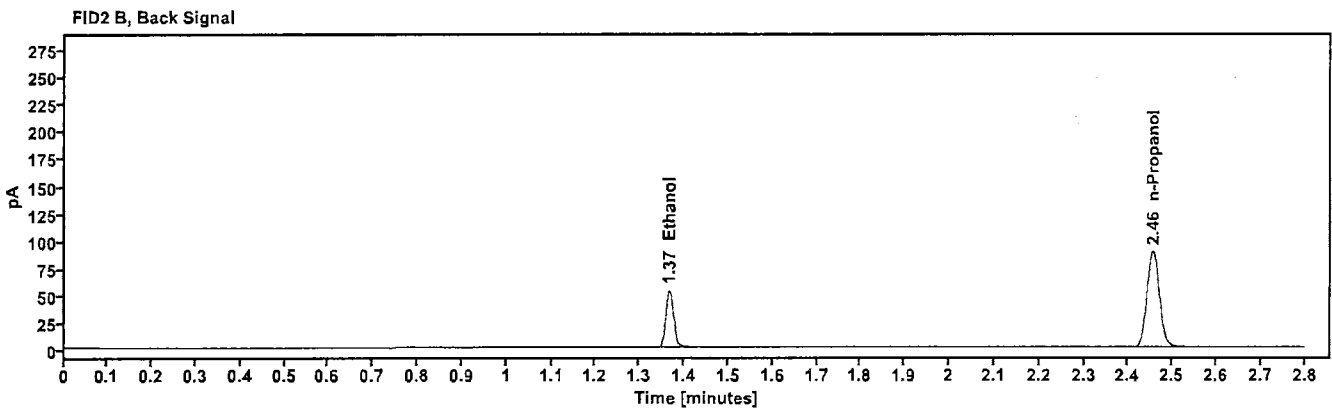
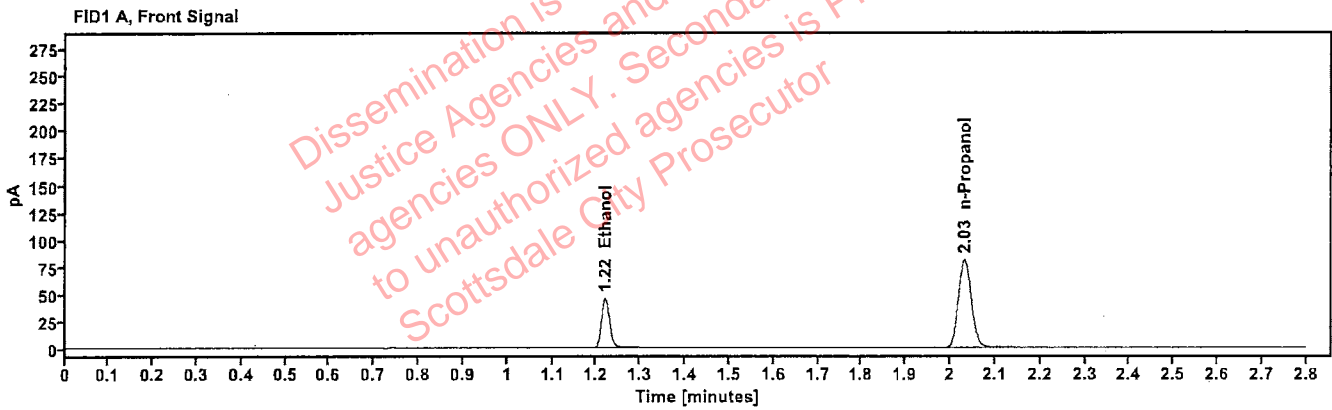


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.219	58.145
n-Propanol	2.032	161.793

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

Compound	Time (min)	Peak Area
Ethanol	1.367	63.857
n-Propanol	2.455	176.450

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	19Mar25
Method:	ethanol quant.M	Injection date:	3/19/2025 6:22:02 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\11\Data\19Mar25\3.D		

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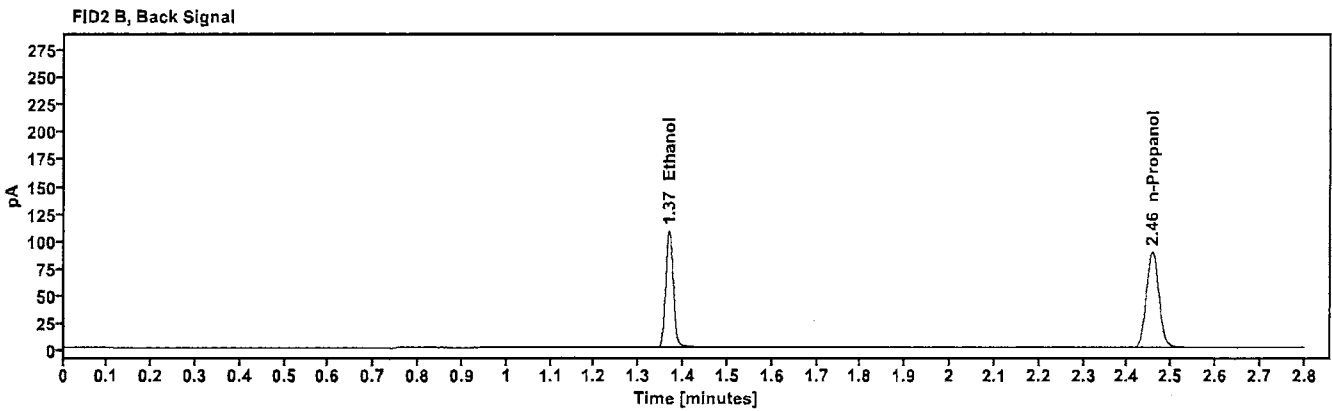
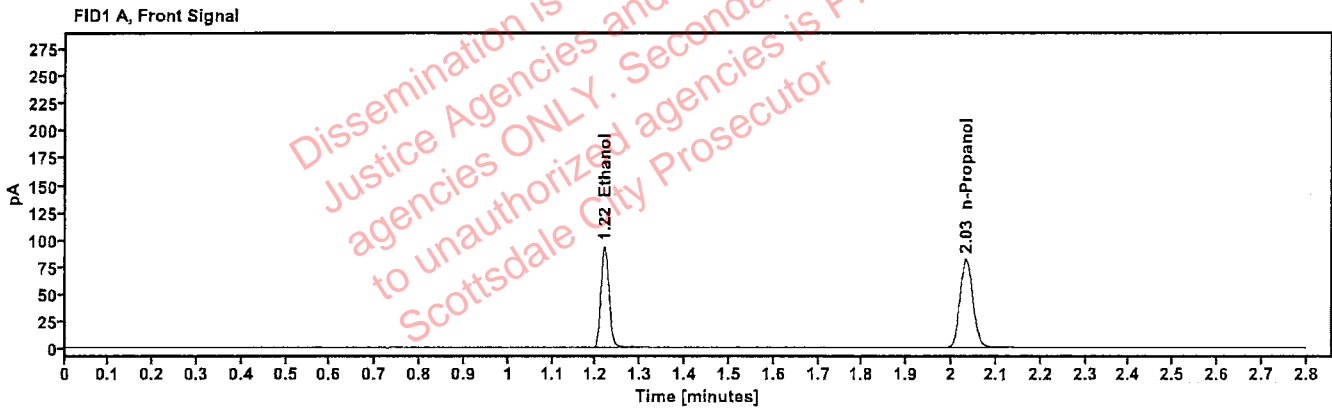


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.219	117.937
n-Propanol	2.033	162.285

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

Compound	Time (min)	Peak Area
Ethanol	1.367	129.681
n-Propanol	2.457	176.796

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	19Mar25
Method:	ethanol quant.M	Injection date:	3/19/2025 6:26:02 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\19Mar25\4.D		

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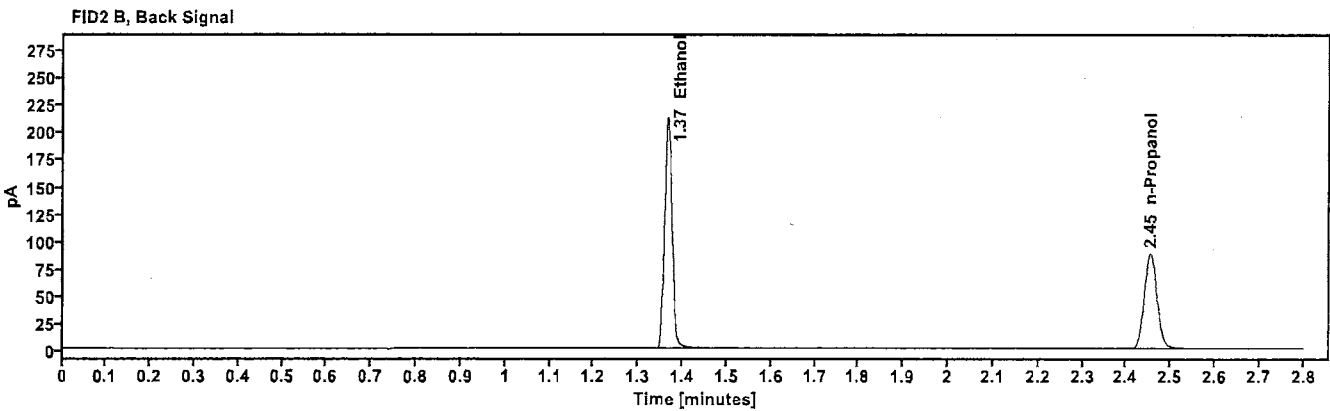
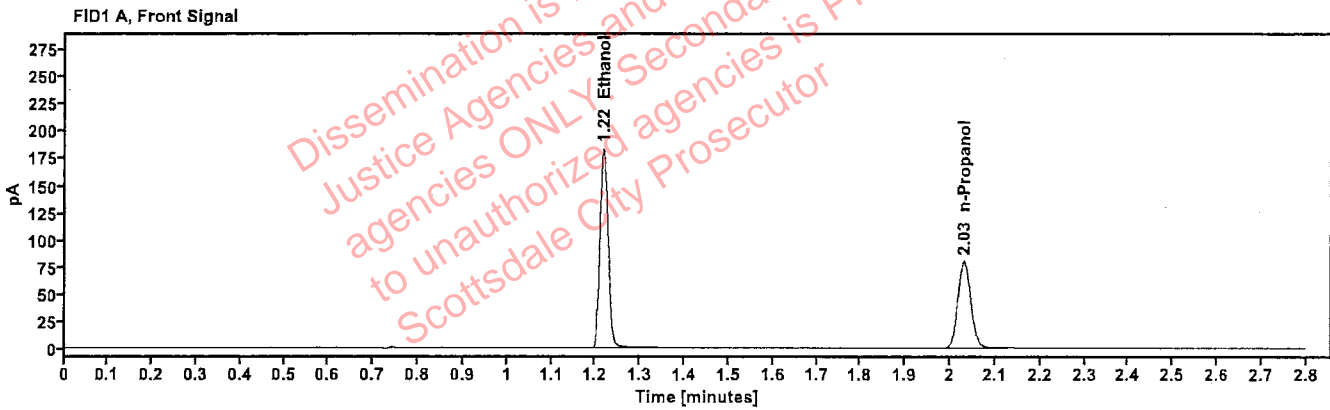


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	232.263
n-Propanol	2.031	160.082

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

Compound	Time (min)	Peak Area
Ethanol	1.365	255.982
n-Propanol	2.454	174.089

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111224WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 6:30:03 PM
Data file:	C:\Chem32\1\Data\19Mar25\5.D	Analyst:	Brooke

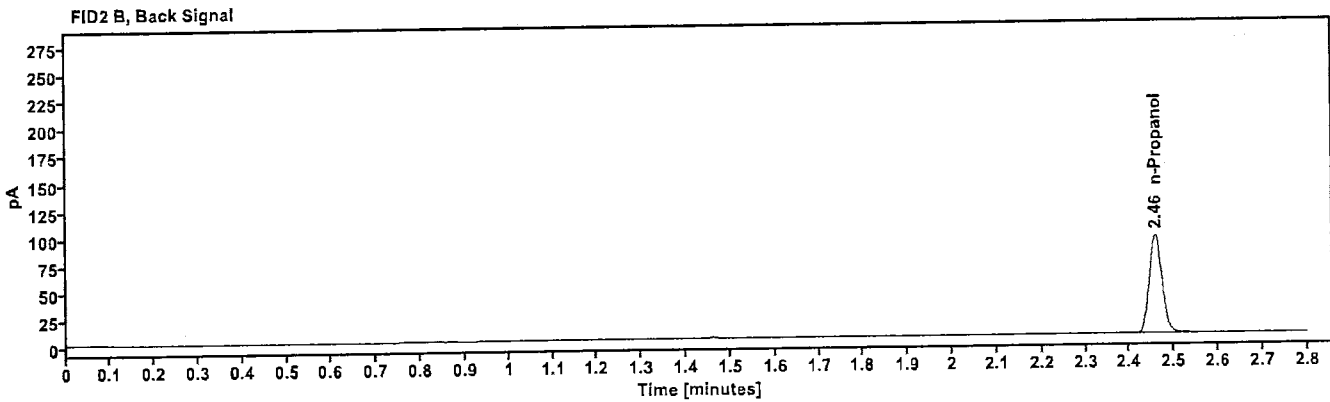
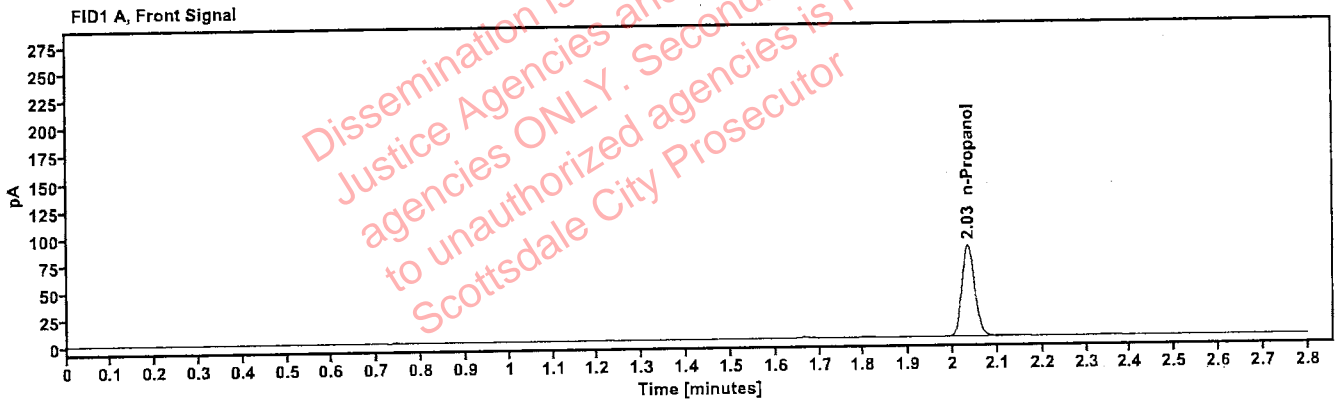


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.034	166.867

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

Compound	Time (min)	Peak Area
n-Propanol	2.459	181.735

Scottsdale Police Department Crime Lab Volatiles Analysis

138

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 19Mar25
Instrument: US14173023 CN14160045	Injection date: 3/19/2025 6:34:03 PM
Data file: C:\Chem32\1\Data\19Mar25\6.D	Analyst: Brooke

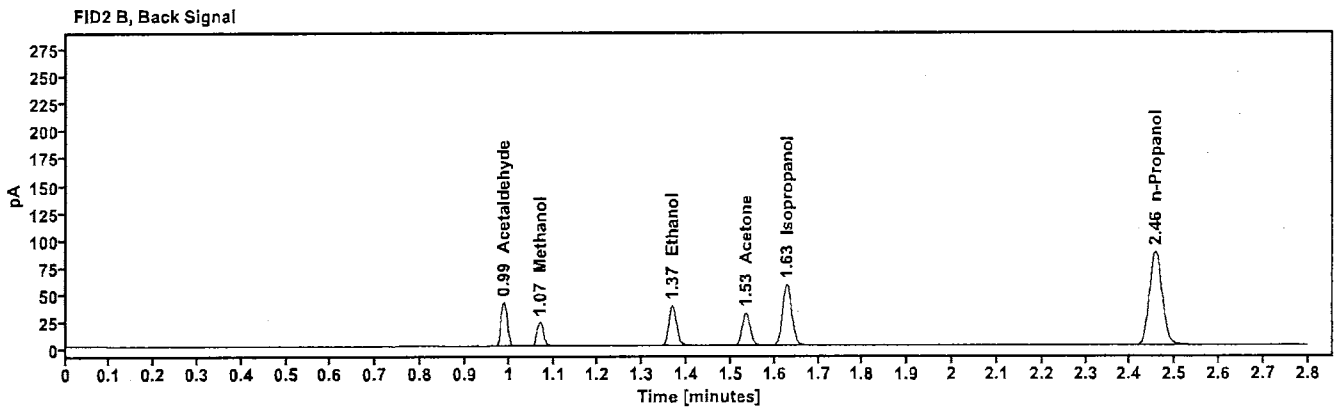
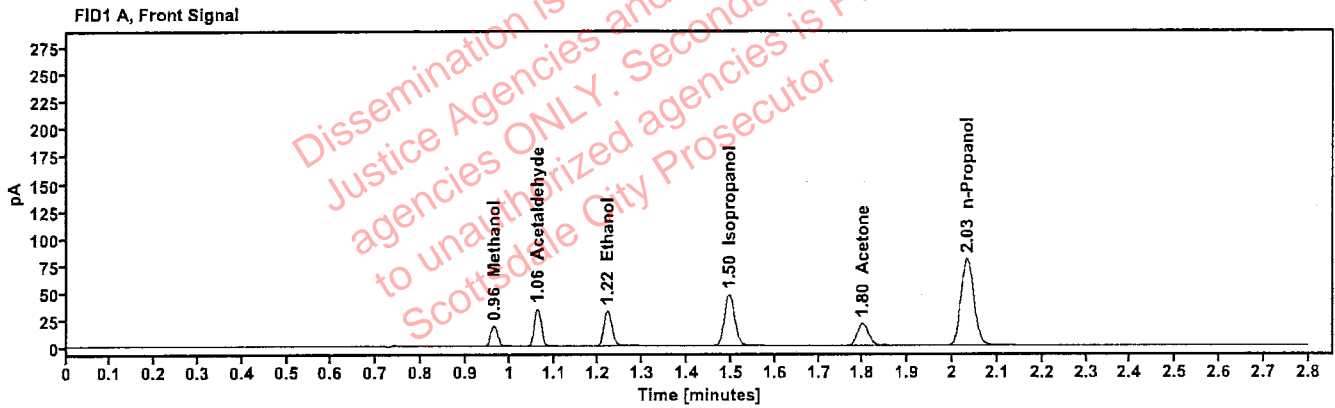


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.964	20.794
Acetaldehyde	-----	1.063	37.575
>Ethanol	0.0714	1.220	40.941
Isopropanol	-----	1.495	75.460
Acetone	-----	1.799	35.662
n-Propanol	-----	2.032	159.275

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	42.184
Methanol	1.070	23.105
Ethanol	1.367	44.886
Acetone	1.534	39.318
Isopropanol	1.628	83.396
n-Propanol	2.456	173.115

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample: 4101119254/10	Vial: 7
Description: 0.302	LIMS ID:
Method: ethanol quant.M	Sequence: 19Mar25
Instrument: US14173023 CN14160045	Injection date: 3/19/2025 6:38:18 PM
Data file: C:\Chem32\1\Data\19Mar25\7.D	Analyst: Brooke

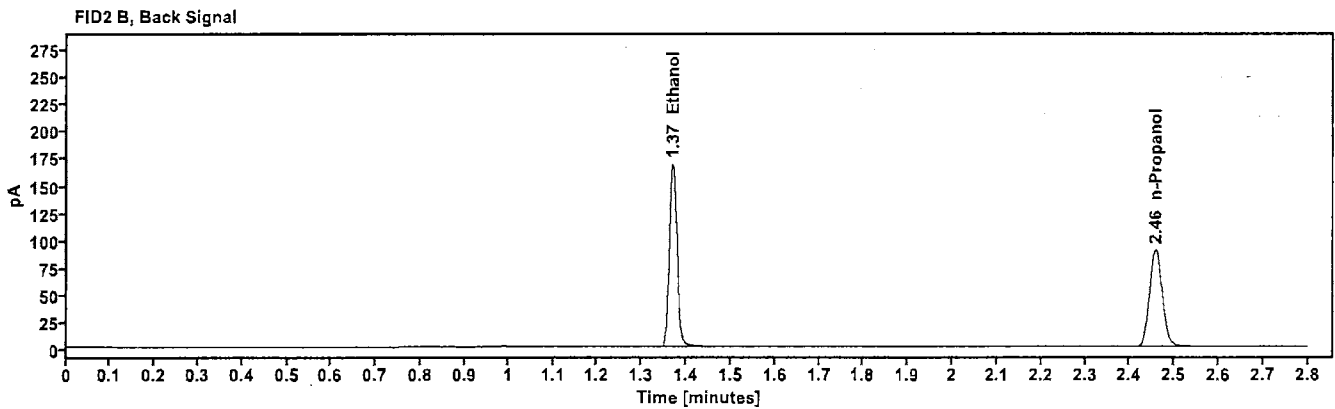
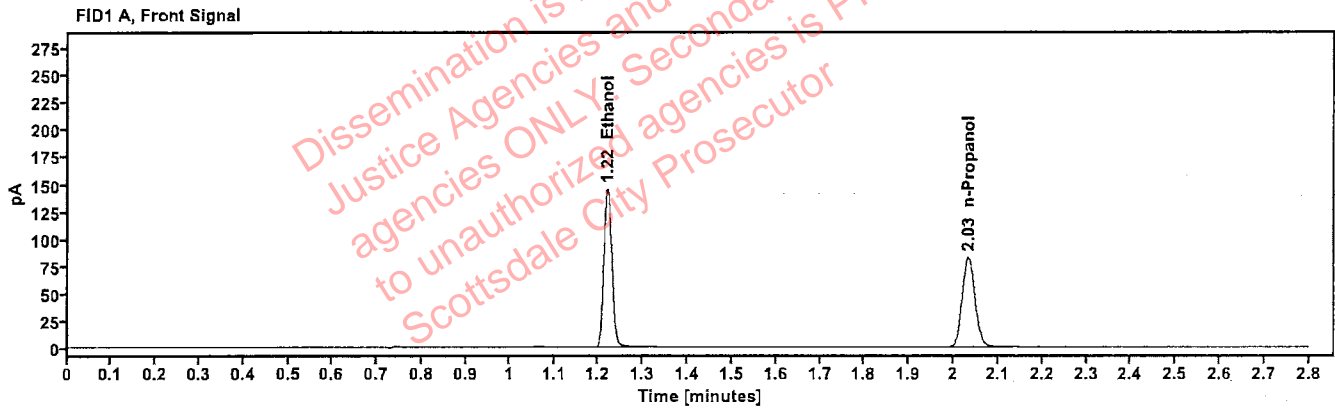


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3085	1.219	184.084
n-Propanol	—	2.033	164.520

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

Compound	Time (min)	Peak Area
Ethanol	1.369	202.058
n-Propanol	2.458	178.674

Scottsdale Police Department Crime Lab Volatiles Analysis

PB

Sample: 518018	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 19Mar25
Instrument: US14173023 CN14160045	Injection date: 3/19/2025 6:42:17 PM
Data file: C:\Chem32\1\Data\19Mar25\8.D	Analyst: Brooke

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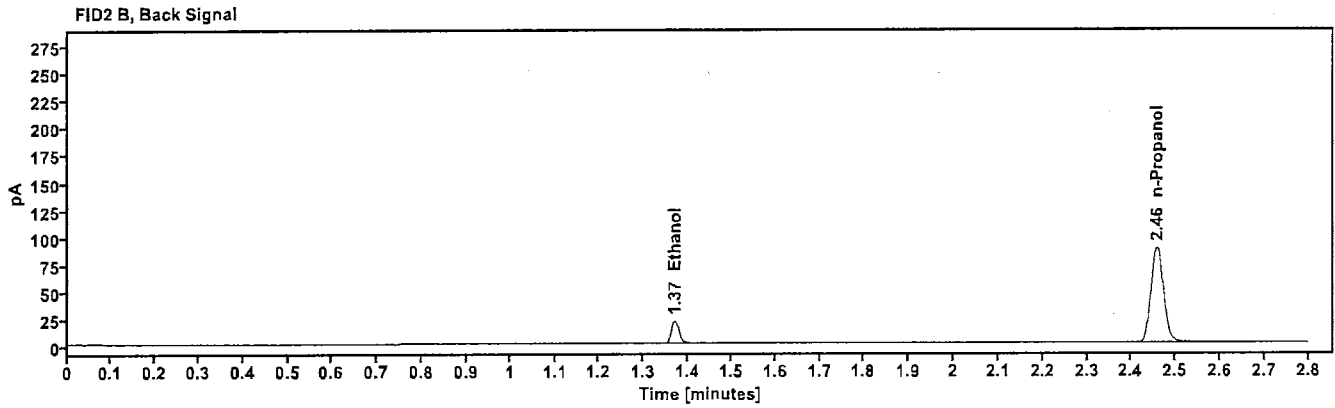
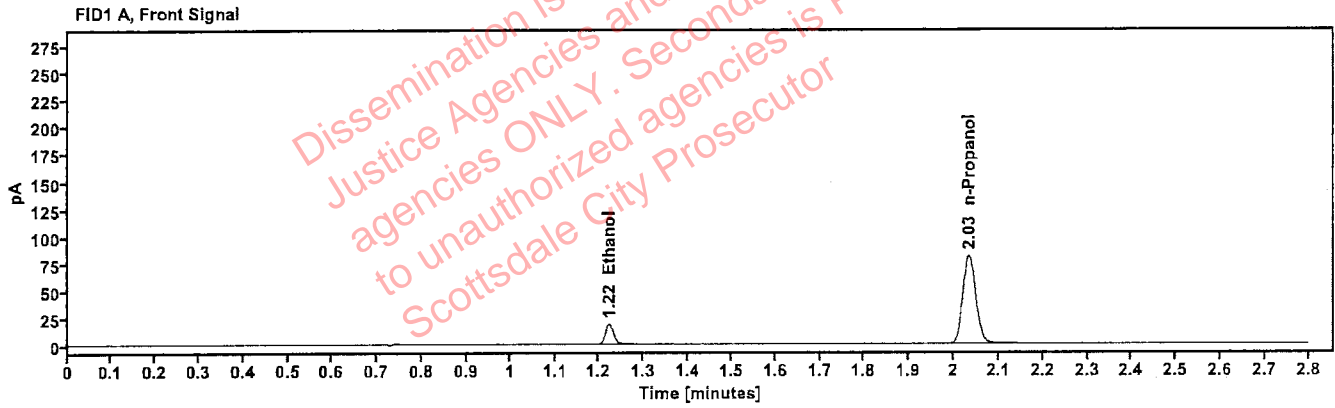


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0404	1.222	23.368
n-Propanol	---	2.034	161.879

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

Compound	Time (min)	Peak Area
Ethanol	1.370	25.567
n-Propanol	2.458	175.846

Scottsdale Police Department Crime Lab Volatiles Analysis BS

Sample: 517758	Vial: 9
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 19Mar25
Instrument: US14173023 CN14160045	Injection date: 3/19/2025 6:46:18 PM
Data file: C:\Chem32\1\Data\19Mar25\9.D	Analyst: Brooke

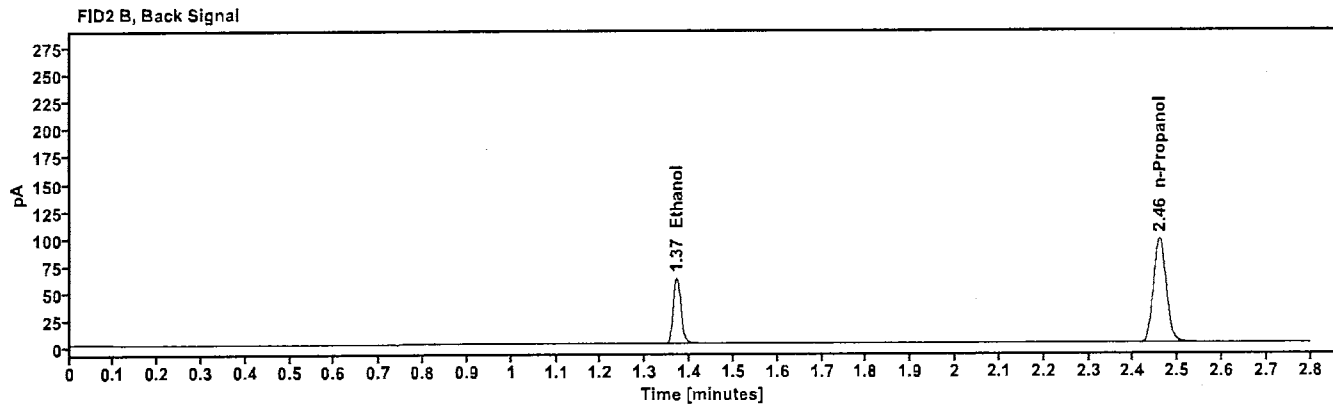
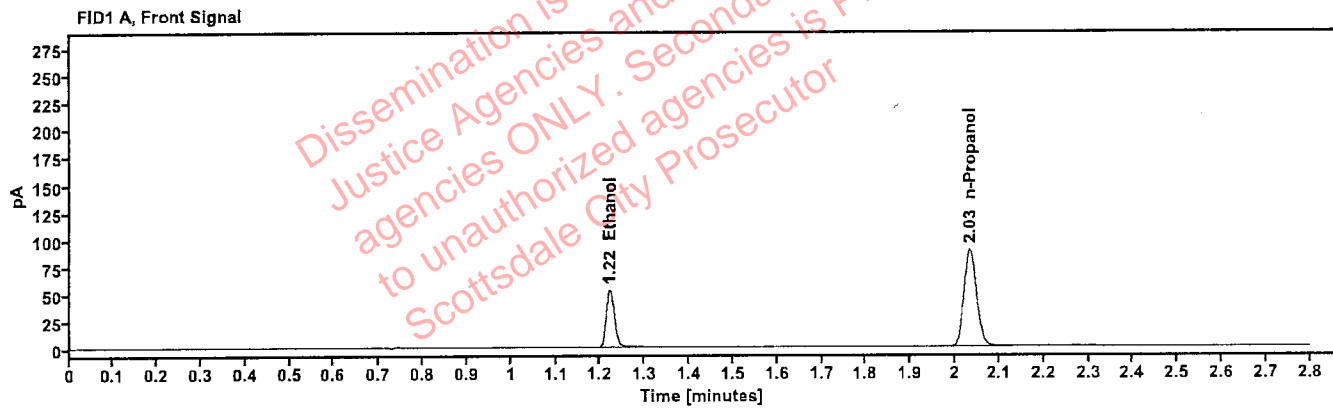


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1046	1.221	66.914
n-Propanol	-----	2.034	177.150

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

Compound	Time (min)	Peak Area
Ethanol	1.370	73.335
n-Propanol	2.459	192.702

Scottsdale Police Department Crime Lab Volatiles Analysis

JB

Sample:	517758	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:30:48 PM
Data file:	C:\Chem32\1\Data\19Mar25\20.D	Analyst:	Brooke

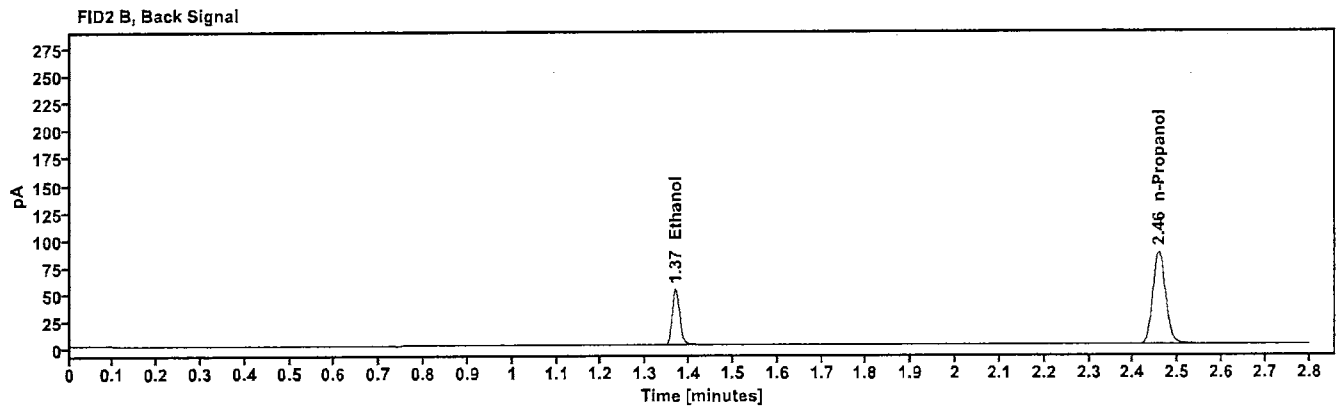
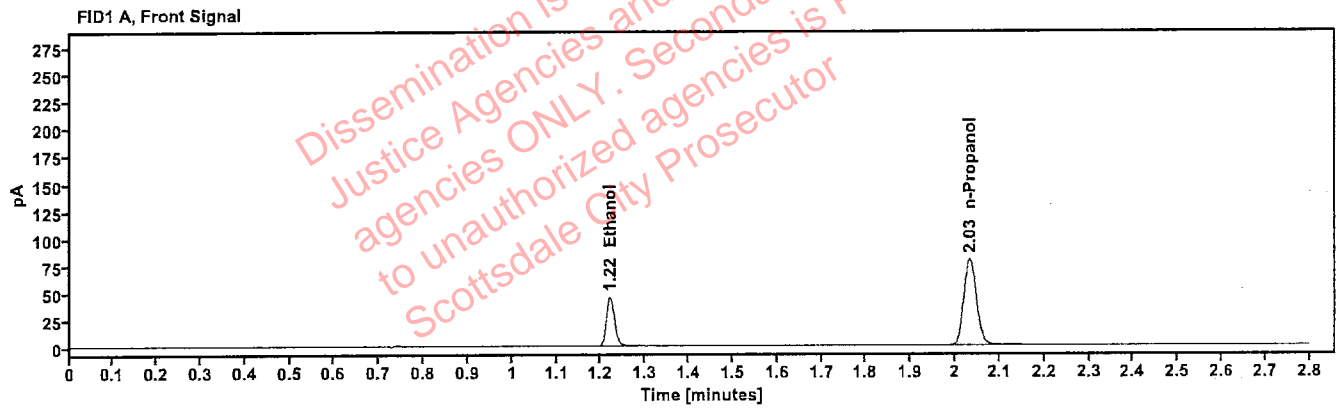


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1003	1.220	57.237
n-Propanol	---	2.033	158.129

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

Compound	Time (min)	Peak Area
Ethanol	1.369	62.682
n-Propanol	2.457	171.407

Scottsdale Police Department Crime Lab Volatiles Analysis

PS

Sample: 517758	Vial: 31
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 19Mar25
Instrument: US14173023 CN14160045	Injection date: 3/19/2025 8:15:18 PM
Data file: C:\Chem32\1\Data\19Mar25\31.D	Analyst: Brooke

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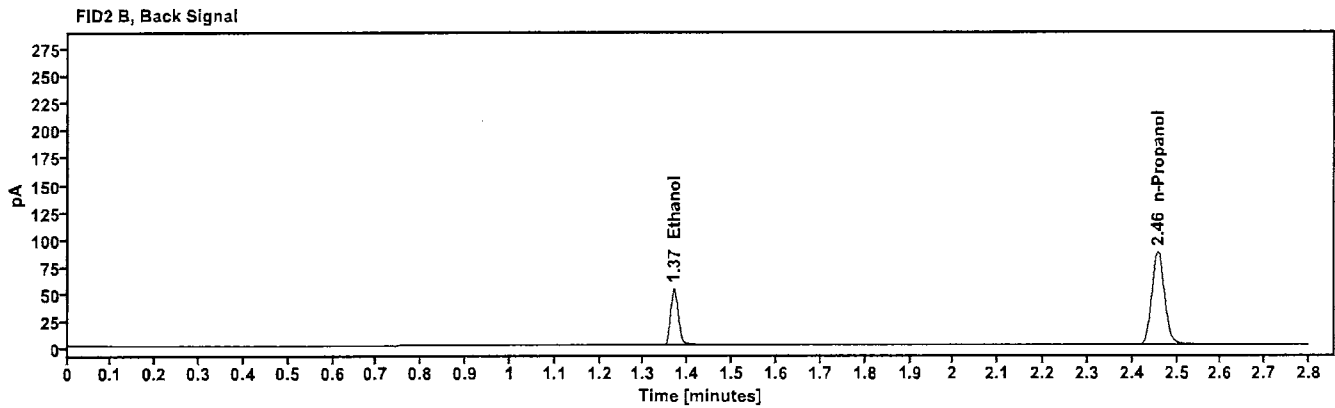
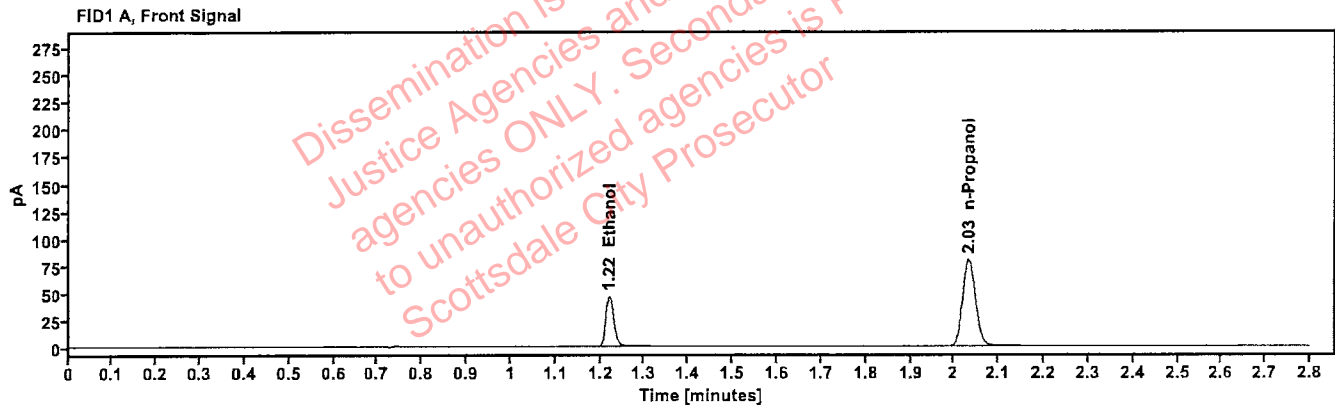


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1014	1.220	58.283
n-Propanol	—	2.033	159.123

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

Compound	Time (min)	Peak Area
Ethanol	1.369	63.707
n-Propanol	2.457	172.452

Scottsdale Police Department Crime Lab Volatiles Analysis

JB

Sample: 4101119254/10	Vial: 42
Description: 0.302	LIMS ID:
Method: ethanol quant.M	Sequence: 19Mar25
Instrument: US14173023 CN14160045	Injection date: 3/19/2025 8:59:33 PM
Data file: C:\Chem32\1\Data\19Mar25\42.D	Analyst: Brooke

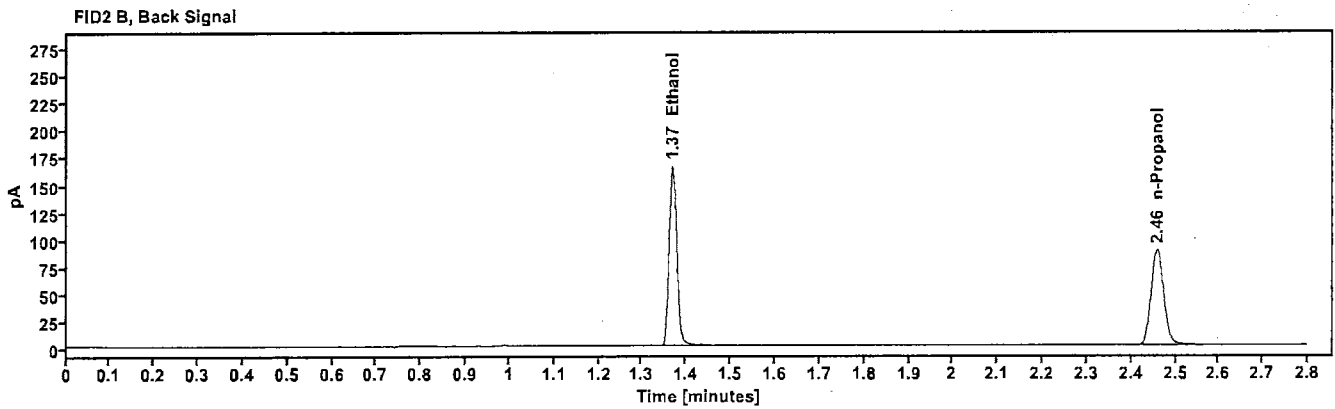
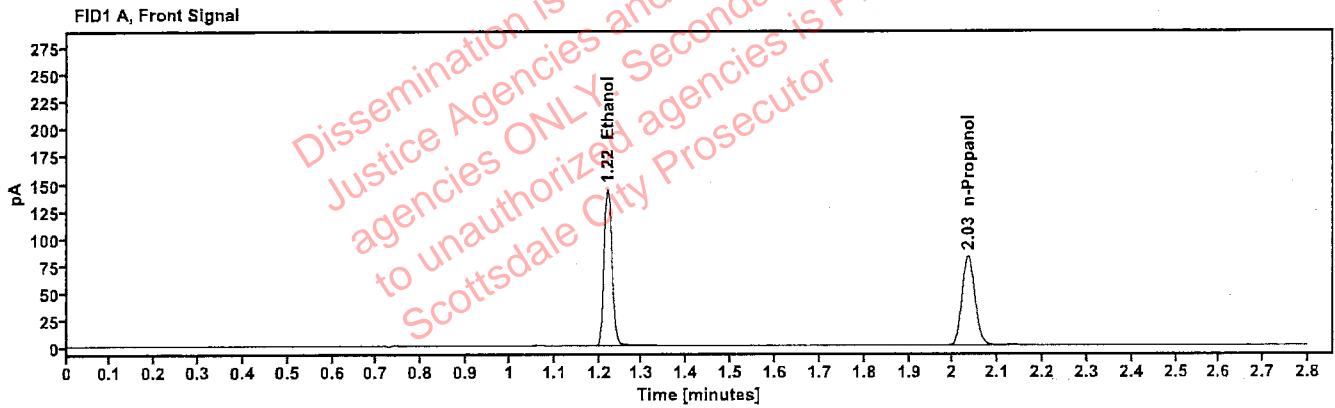


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3080	1.220	182.300
n-Propanol	-----	2.034	163.203

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

Compound	Time (min)	Peak Area
Ethanol	1.369	200.768
n-Propanol	2.458	176.982

78

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 9:03:48 PM
Data file:	C:\Chem32\11\Data\19Mar25\43.D	Analyst:	Brooke

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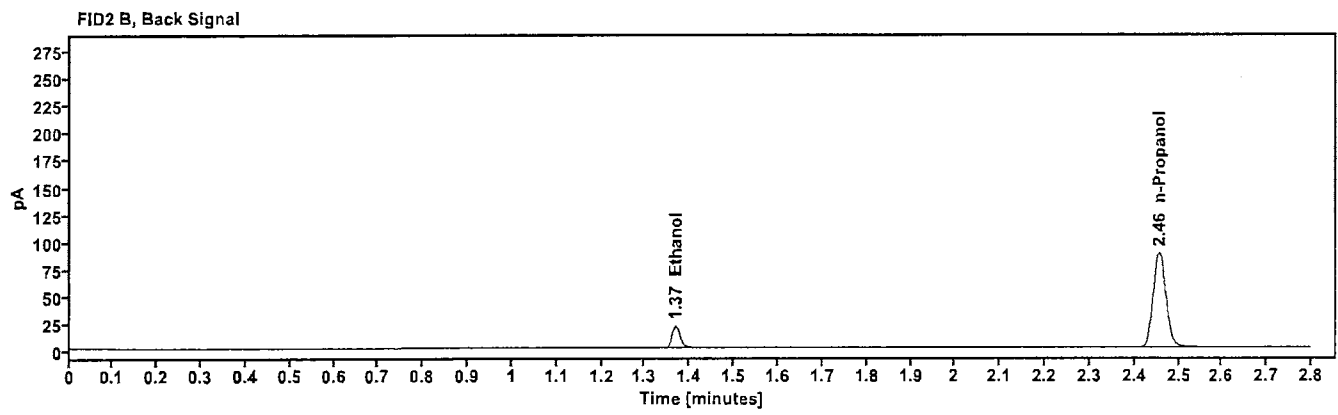
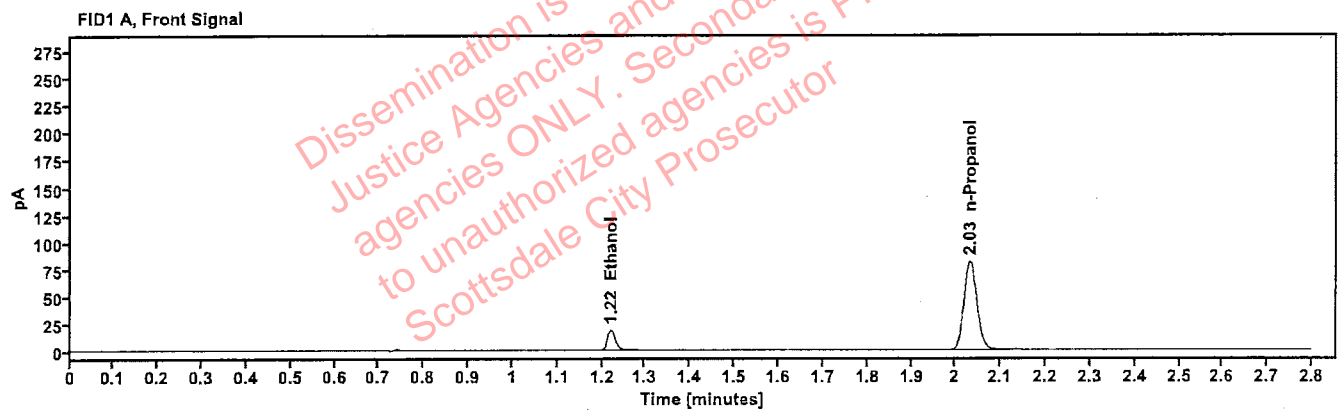


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0403	1.220	23.408
n-Propanol	---	2.032	162.718

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

Compound	Time (min)	Peak Area
Ethanol	1.368	25.510
n-Propanol	2.456	176.408

Scottsdale Police Department Crime Lab Volatiles Analysis

78

Sample: 517758	Vial: 44
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 19Mar25
Instrument: US14173023 CN14160045	Injection date: 3/19/2025 9:07:48 PM
Data file: C:\Chem32\1\Data\19Mar25\44.D	Analyst: Brooke

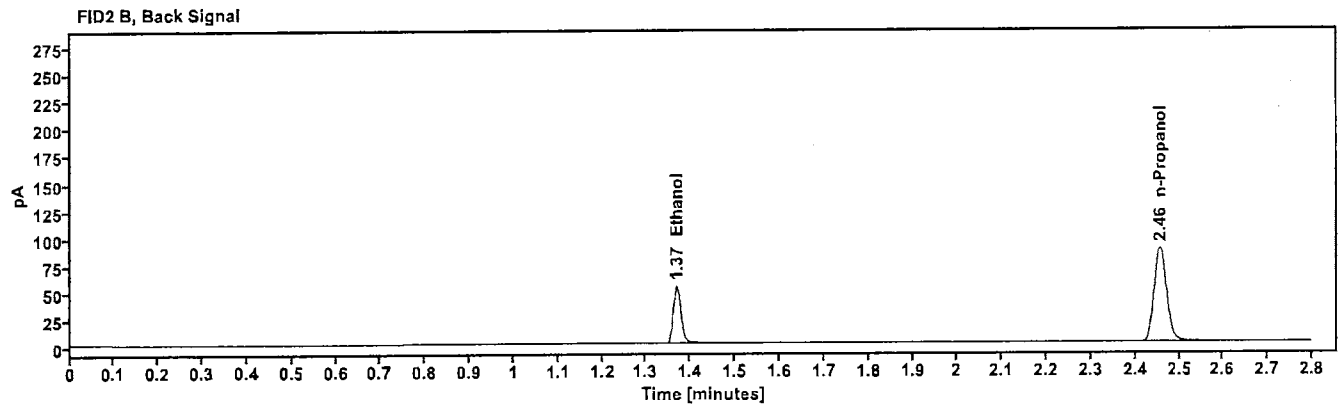
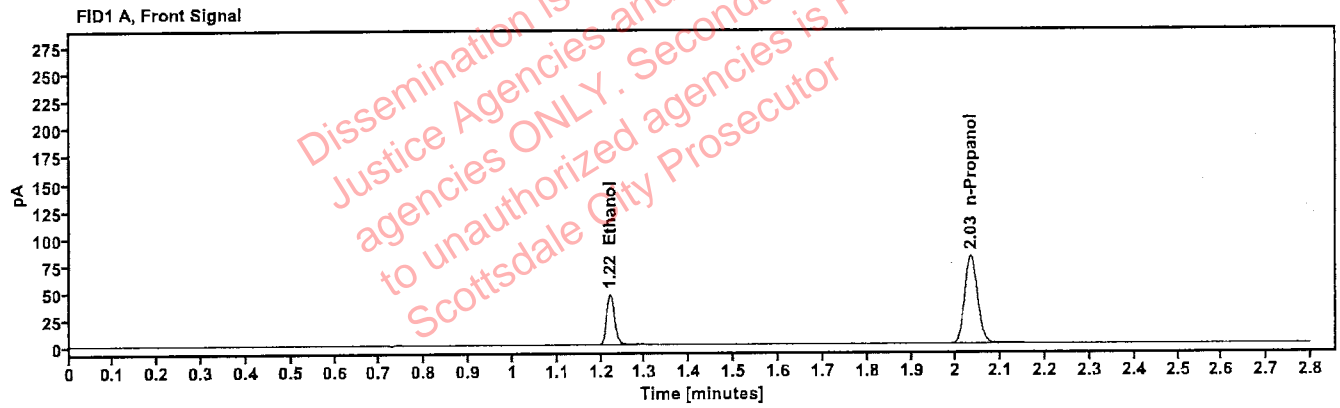


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1012	1.220	58.966
n-Propanol	---	2.032	161.356

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

Compound	Time (min)	Peak Area
Ethanol	1.369	64.464
n-Propanol	2.457	175.082

Scottsdale Police Department Crime Lab Volatiles Analysis

728

Sample: 120424AQ	Vial: 45
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 19Mar25
Instrument: US14173023 CN14160045	Injection date: 3/19/2025 9:11:48 PM
Data file: C:\Chem32\1\Data\19Mar25\45.D	Analyst: Brooke

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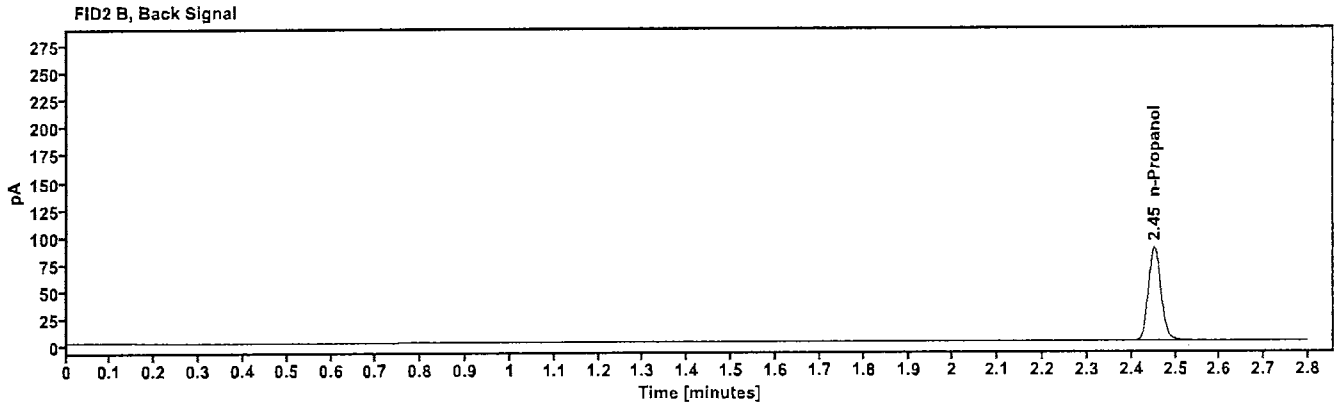
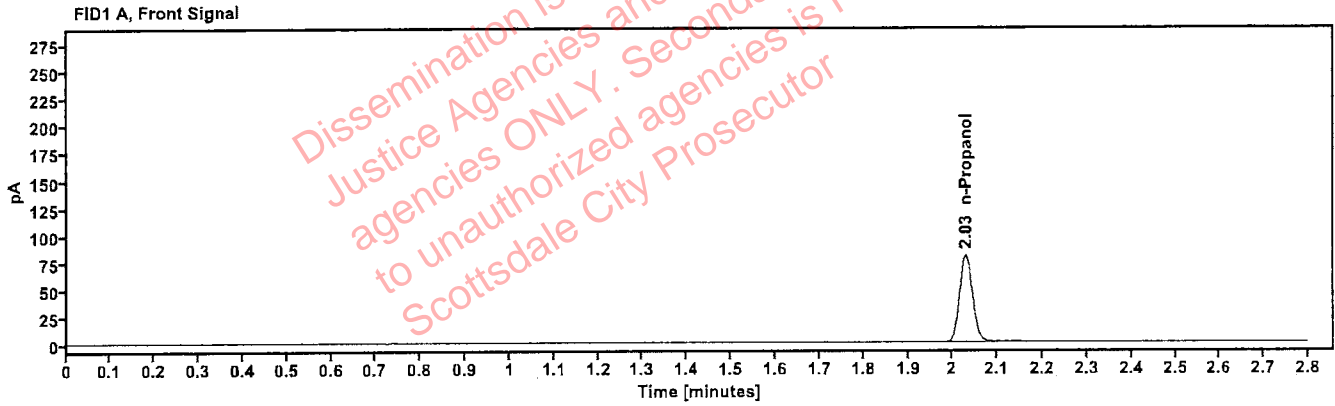


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.029	159.953

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

Compound	Time (min)	Peak Area
n-Propanol	2.452	173.400

Sequence Summary

RS

Sequence name: 19Mar25 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	4101119254/10	0.302	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	517758	0.100	Control		ethanol quant.M
10	2505054-1		Sample		ethanol quant.M
11	2505054-1		Sample		ethanol quant.M
12	2503070-2		Sample		ethanol quant.M
13	2503070-2		Sample		ethanol quant.M
14	2505176-2		Sample		ethanol quant.M
15	2505176-2		Sample		ethanol quant.M
16	2505606-1		Sample		ethanol quant.M
17	2505606-1		Sample		ethanol quant.M
18	2505634-1		Sample		ethanol quant.M
19	2505634-1		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2505636-1		Sample		ethanol quant.M
22	2505636-1		Sample		ethanol quant.M
23	2505589-1		Sample		ethanol quant.M
24	2505589-1		Sample		ethanol quant.M
25	2505620-2		Sample		ethanol quant.M
26	2505620-2		Sample		ethanol quant.M
27	2505548-2		Sample		ethanol quant.M
28	2505548-2		Sample		ethanol quant.M
29	2505617-2		Sample		ethanol quant.M
30	2505617-2		Sample		ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2505364-2		Sample		ethanol quant.M
33	2505364-2		Sample		ethanol quant.M
34	2504971-2		Sample		ethanol quant.M
35	2504971-2		Sample		ethanol quant.M
36	2505661-1		Sample		ethanol quant.M
37	2505661-1		Sample		ethanol quant.M
38	2505532-1		Sample		ethanol quant.M
39	2505532-1		Sample		ethanol quant.M
40	2504194-2		Sample		ethanol quant.M
41	2504194-2		Sample		ethanol quant.M
42	4101119254/10	0.302	Control		ethanol quant.M
43	518018	0.040	Control		ethanol quant.M
44	517758	0.100	Control		ethanol quant.M
45	120424AQ	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

773

SEQUENCE NAME: 19Mar25

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0000	0.0000	0.00000	0.00	0.00000
12 13	0.2210	0.2215	0.22125	0.11	0.00025
14 15	0.1965	0.1958	0.19615	0.18	0.00035
16 17	0.3122	0.3113	0.31175	0.14	0.00045
18 19	0.1257	0.1258	0.12575	0.04	0.00005
21 22	0.2127	0.2127	0.21270	0.00	0.00000
23 24	0.1886	0.1890	0.18880	0.11	0.00020
25 26	0.1050	0.1050	0.10500	0.00	0.00000
27 28	0.1838	0.1824	0.18310	0.38	0.00070
29 30	0.1614	0.1622	0.16180	0.25	0.00040
32 33	0.1439	0.1437	0.14380	0.07	0.00010
34 35	0.3150	0.3102	0.31260	0.77	0.00240
36 37	0.1509	0.1485	0.14970	0.80	0.00120
38 39	0.1607	0.1607	0.16070	0.00	0.00000
40 41	0.2327	0.2328	0.23275	0.02	0.00005

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

Scottsdale Forensic Lab Blood Alcohol Pipetting Log

BB

ANALYST: Brooke

SEQUENCE: 19Mar25

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2505054-1	2505054-1	2505054-1	Yes
Vials 12 and 13	2503070-2	2503070-2	2503070-2	Yes
Vials 14 and 15	2505176-2	2505176-2	2505176-2	Yes
Vials 16 and 17	2505606-1	2505606-1	2505606-1	Yes
Vials 18 and 19	2505634-1	2505634-1	2505634-1	Yes
Vials 21 and 22	2505636-1	2505636-1	2505636-1	Yes
Vials 23 and 24	2505589-1	2505589-1	2505589-1	Yes
Vials 25 and 26	2505620-2	2505620-2	2505620-2	Yes
Vials 27 and 28	2505548-2	2505548-2	2505548-2	Yes
Vials 29 and 30	2505617-2	2505617-2	2505617-2	Yes
Vials 32 and 33	2505364-2	2505364-2	2505364-2	Yes
Vials 34 and 35	2504971-2	2504971-2	2504971-2	Yes
Vials 36 and 37	2505661-1	2505661-1	2505661-1	Yes
Vials 38 and 39	2505532-1	2505532-1	2505532-1	Yes
Vials 40 and 41	2504194-2	2504194-2	2504194-2	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505054-1	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 6:50:18 PM
Data file:	C:\Chem32\1\Data\19Mar25\10.D	Analyst:	Brooke

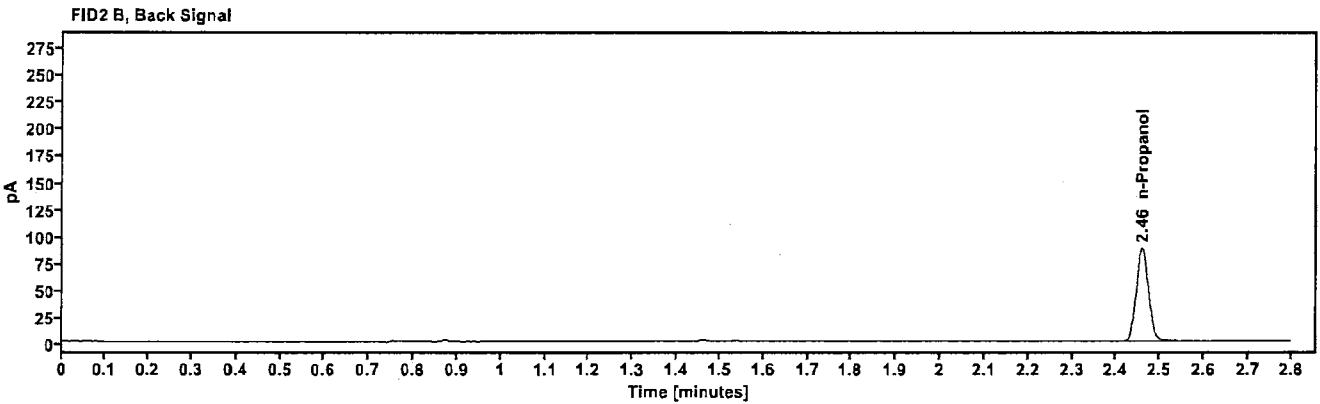
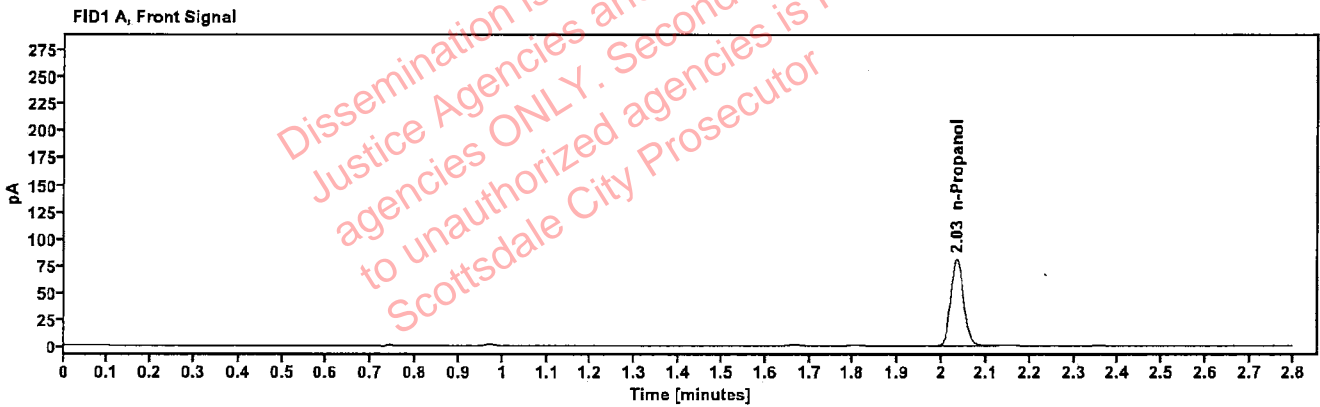


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.034	160.701

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

Compound	Time (min)	Peak Area
n-Propanol	2.458	174.904

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505054-1	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 6:54:17 PM
Data file:	C:\Chem32\1\Data\19Mar25\11.D	Analyst:	Brooke

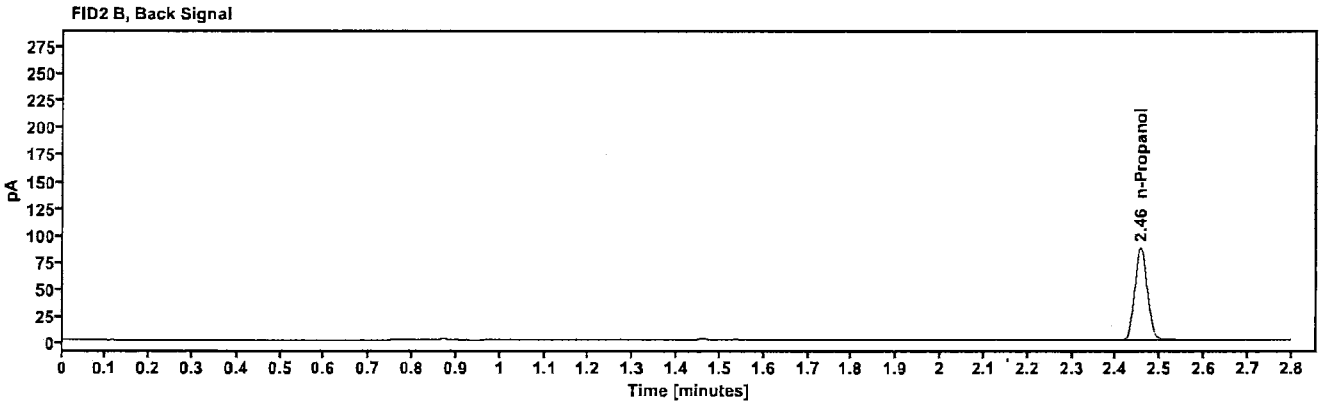
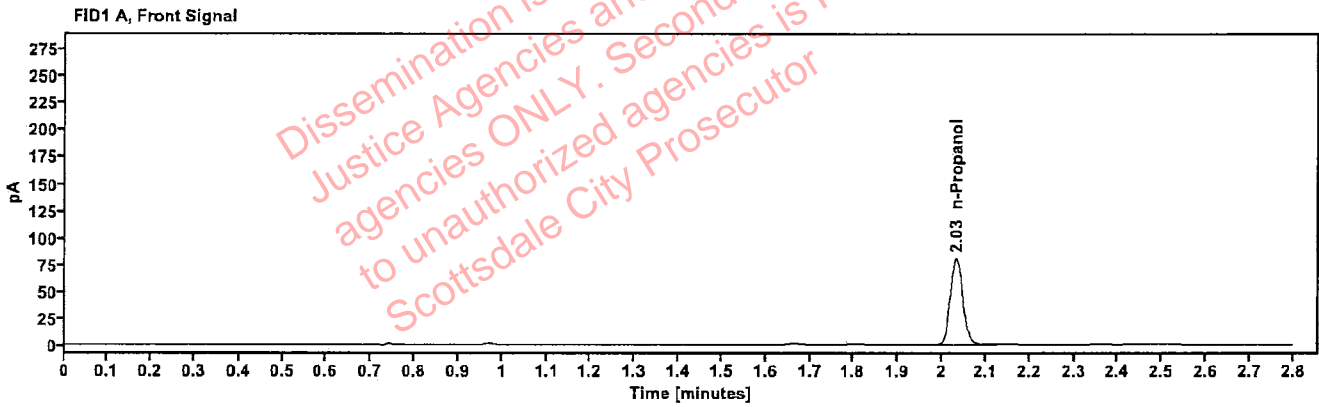


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.032	160.314

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

Compound	Time (min)	Peak Area
n-Propanol	2.456	174.560

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503070-2	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 6:58:18 PM
Data file:	C:\Chem32\1\Data\19Mar25\12.D	Analyst:	Brooke

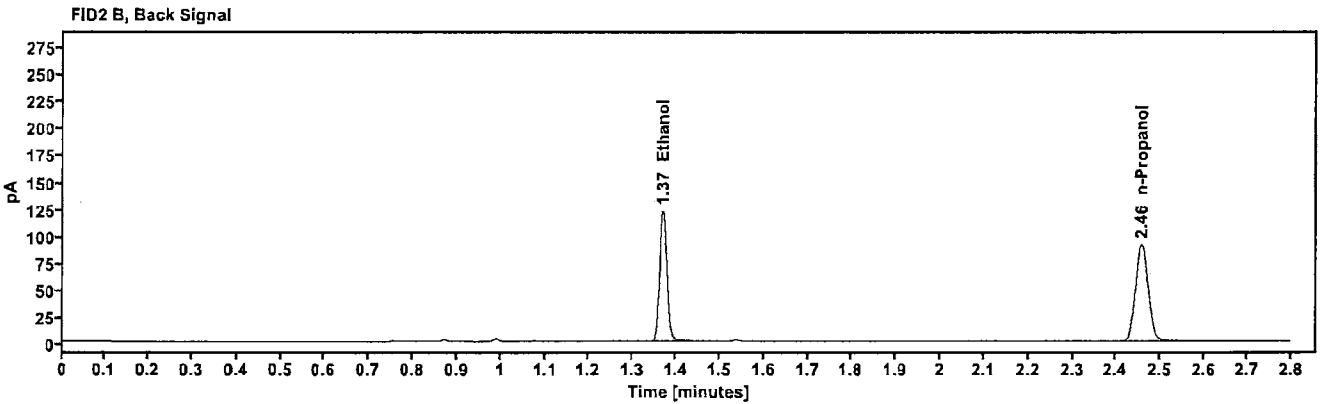
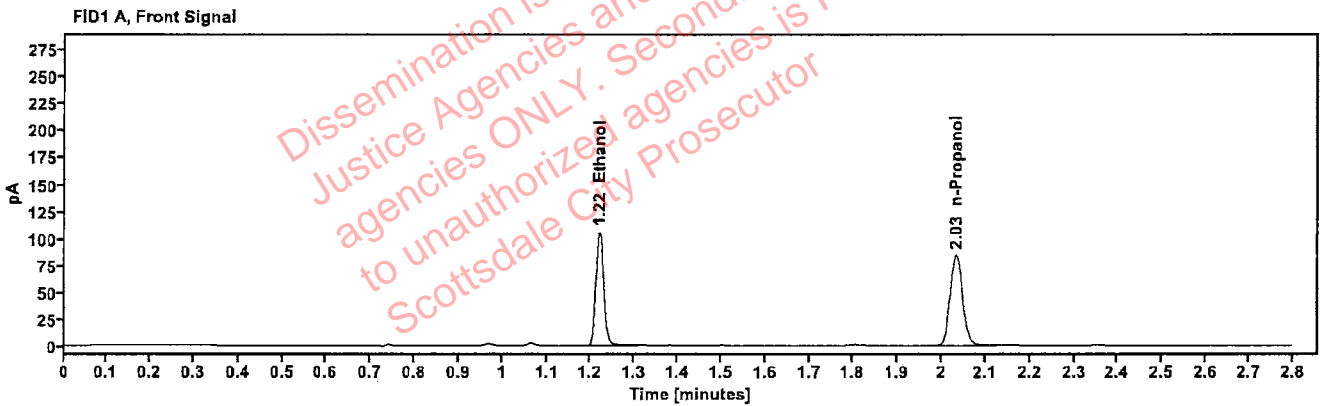


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2210	1.219	134.173
n-Propanol	---	2.032	167.505

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

Compound	Time (min)	Peak Area
Ethanol	1.369	147.042
n-Propanol	2.457	181.728

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503070-2	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:02:33 PM
Data file:	C:\Chem32\1\Data\19Mar25\13.D	Analyst:	Brooke

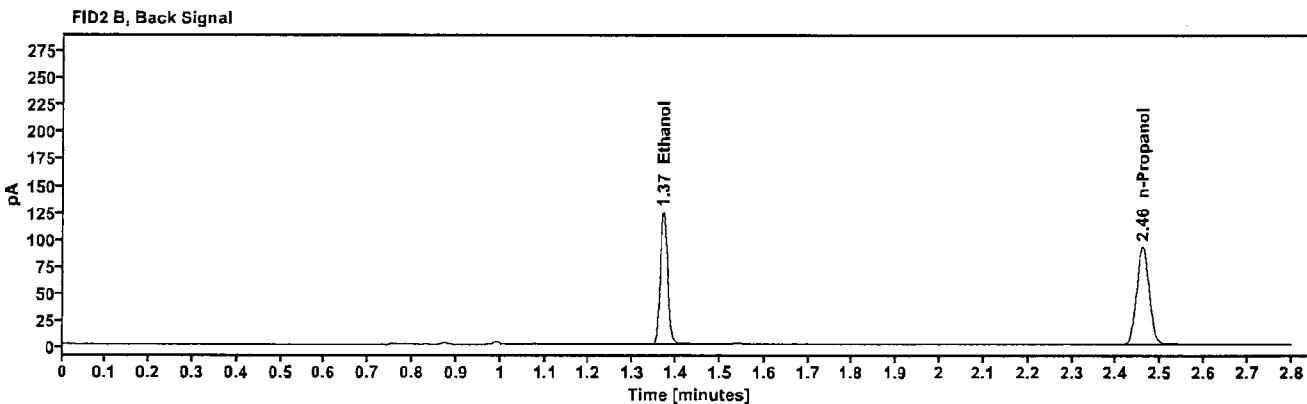
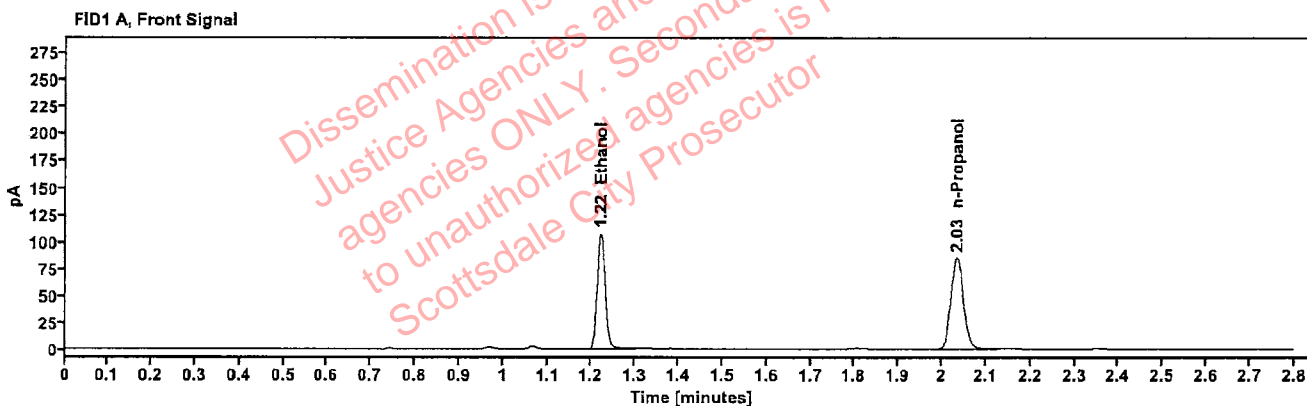


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2215	1.220	135.617
n-Propanol	---	2.034	168.984

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

Compound	Time (min)	Peak Area
Ethanol	1.370	148.813
n-Propanol	2.459	183.619

Case: [REDACTED] : Brooke, Phillip - (21-Mar-2025)

User: pbrooke 3/21/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505176-2	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:06:33 PM
Data file:	C:\Chem32\1\Data\19Mar25\14.D	Analyst:	Brooke

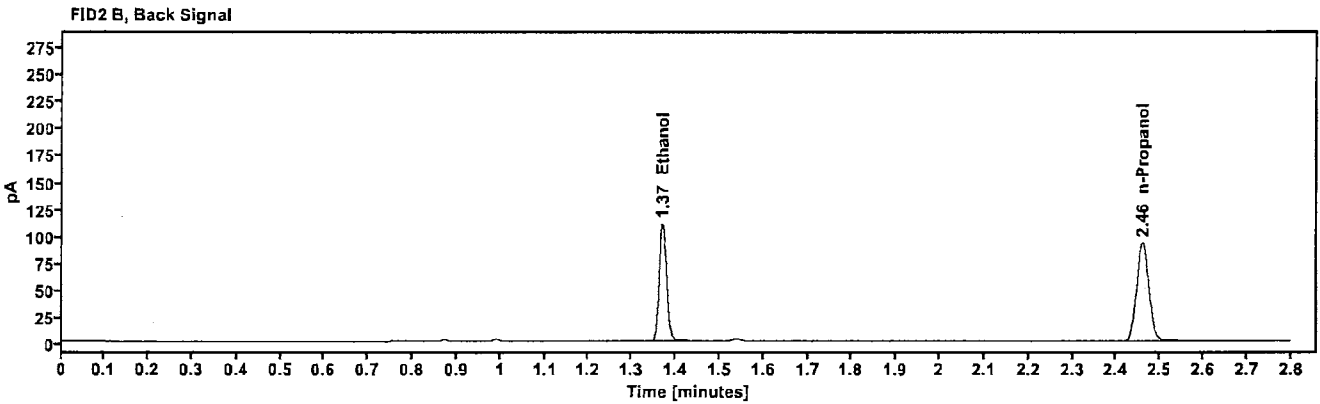
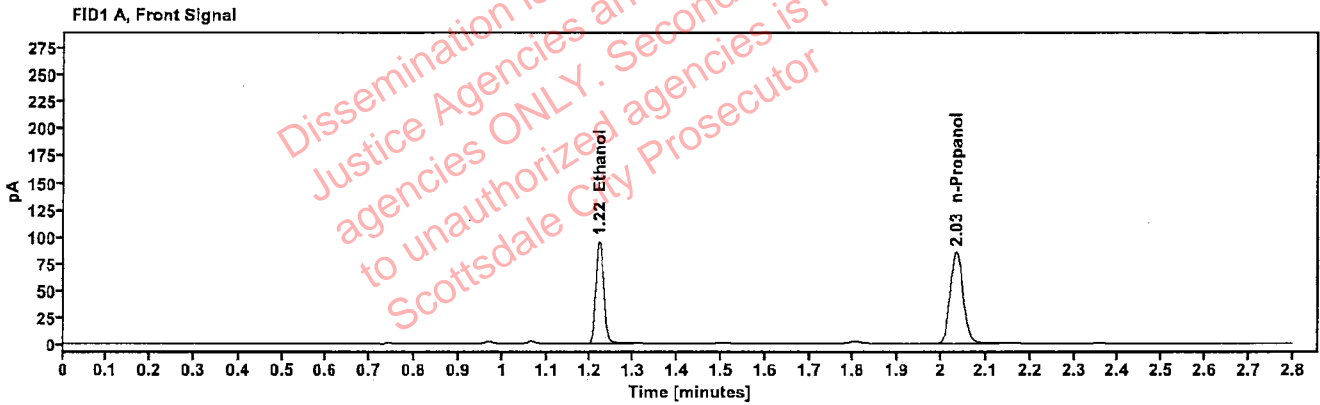


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1965	1.220	121.148
n-Propanol	---	2.034	170.215

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

Compound	Time (min)	Peak Area
Ethanol	1.369	132.734
n-Propanol	2.459	184.567

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505176-2	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:10:33 PM
Data file:	C:\Chem32\1\Data\19Mar25\15.D	Analyst:	Brooke

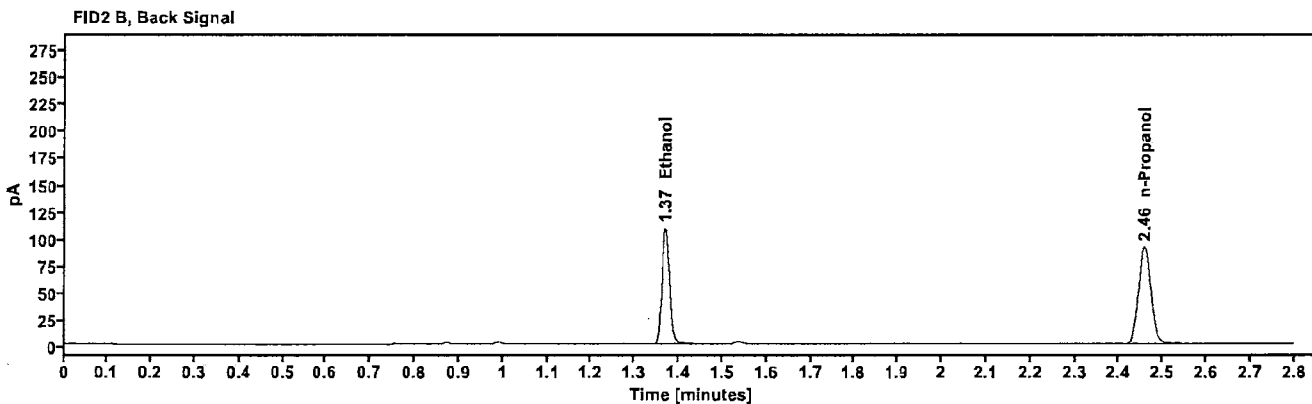
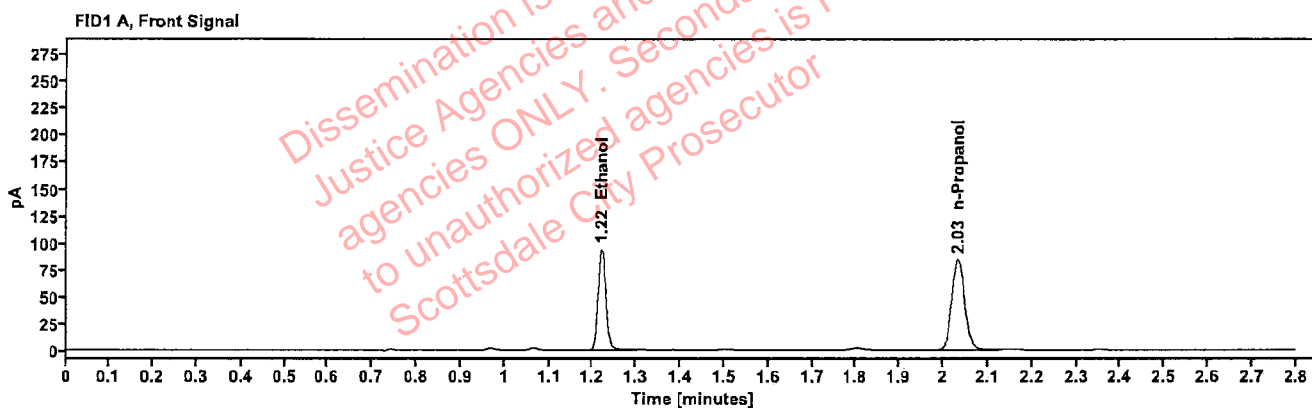


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1958	1.220	119.113
n-Propanol	---	2.032	167.940

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

Compound	Time (min)	Peak Area
Ethanol	1.369	130.597
n-Propanol	2.457	182.047

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505606-1	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:14:33 PM
Data file:	C:\Chem32\1\Data\19Mar25\16.D	Analyst:	Brooke

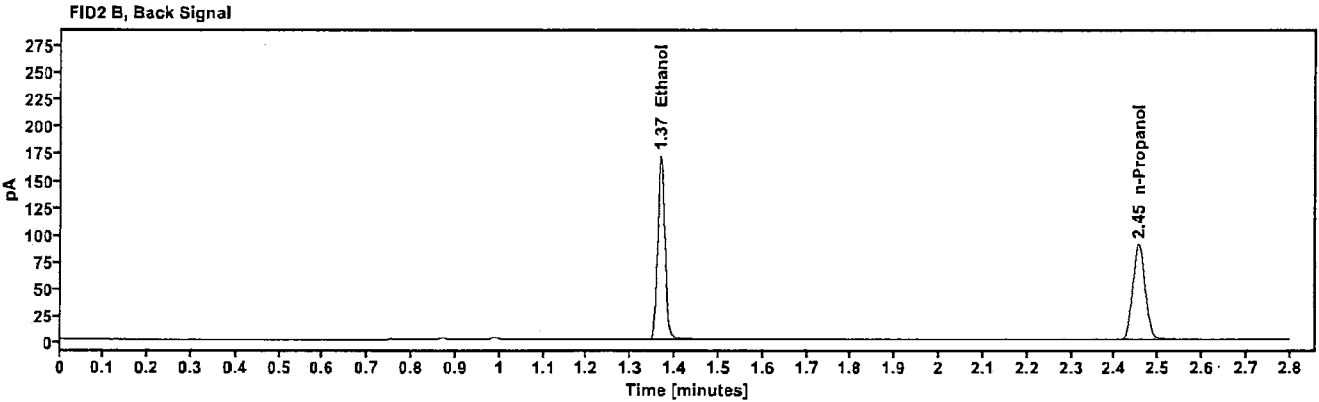
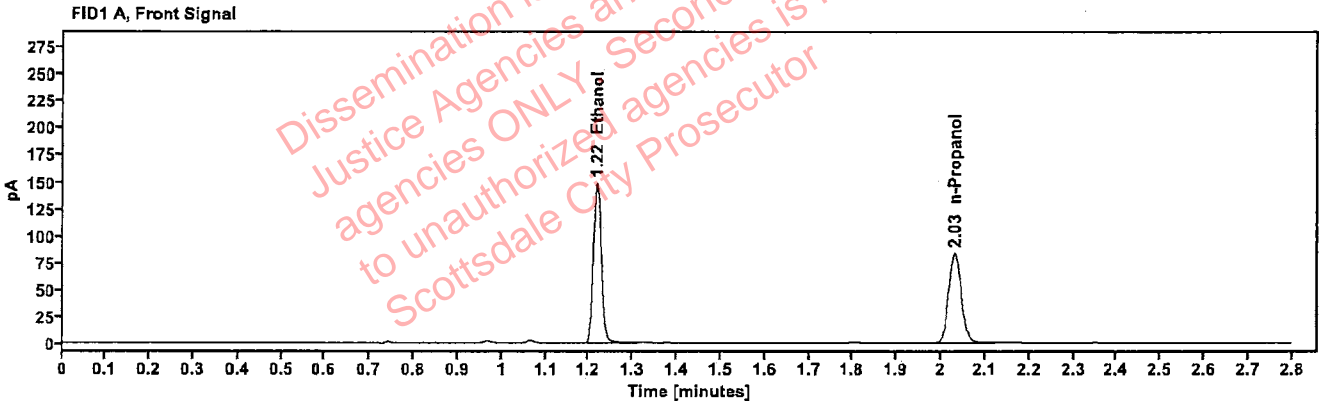


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3122	1.218	187.736
n-Propanol	---	2.030	165.774

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

Compound	Time (min)	Peak Area
Ethanol	1.367	206.251
n-Propanol	2.455	179.157

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505606-1	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:18:33 PM
Data file:	C:\Chem32\1\Data\19Mar25\17.D	Analyst:	Brooke

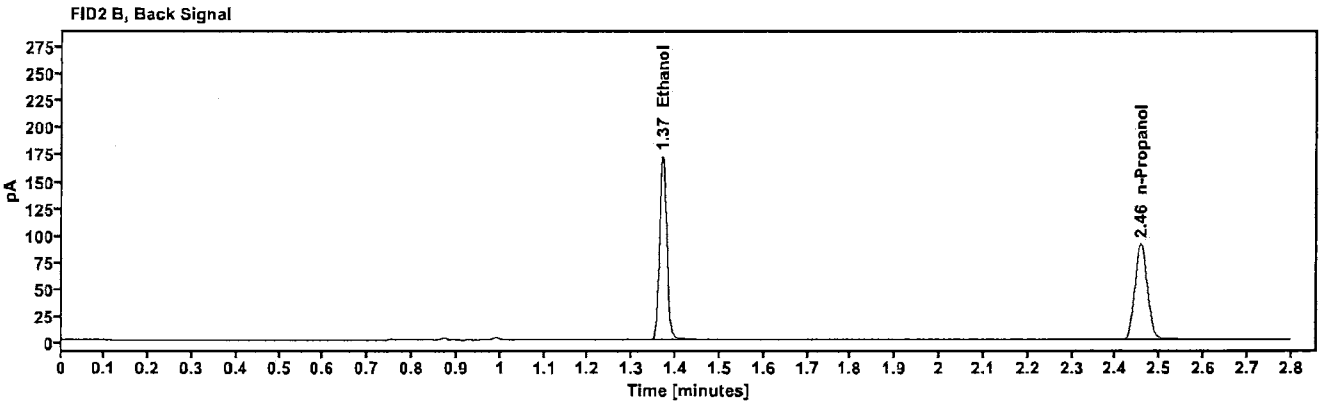
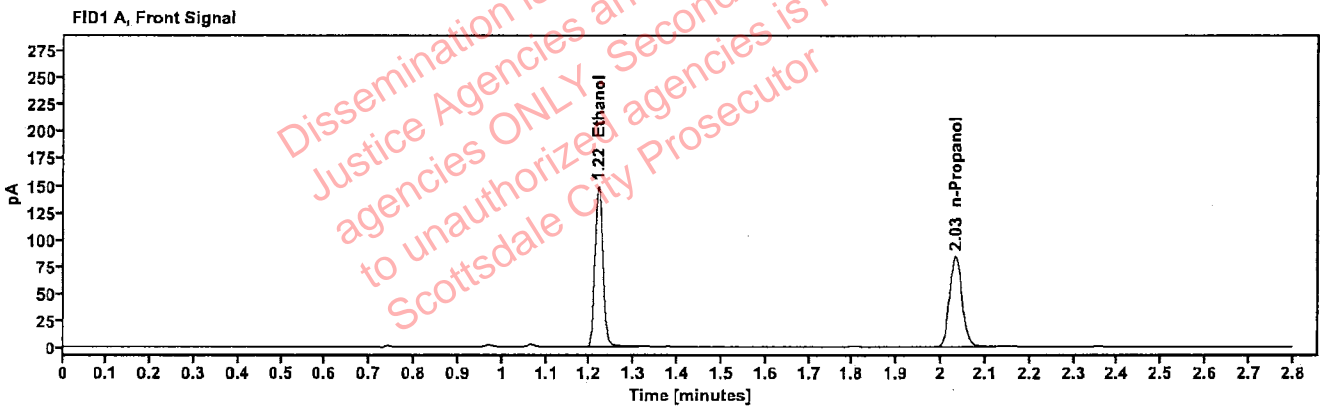


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3113	1.220	188.244
n-Propanol	---	2.033	166.699

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

Compound	Time (min)	Peak Area
Ethanol	1.369	206.769
n-Propanol	2.457	180.214

[REDACTED]: Brooke, Phillip - (21-Mar-2025)

Case [REDACTED] User: pbrooke 3/21/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505634-1	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:22:32 PM
Data file:	C:\Chem32\1\Data\19Mar25\18.D	Analyst:	Brooke

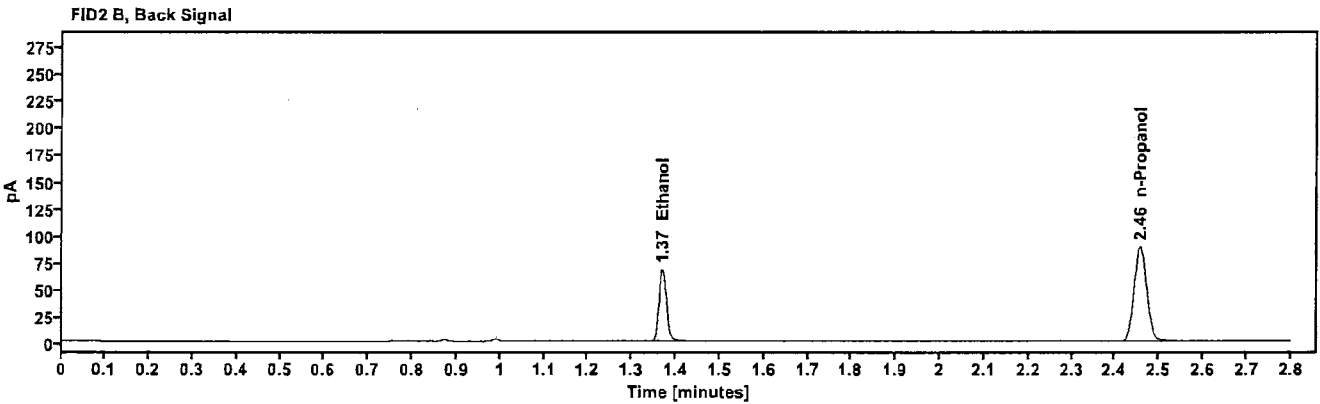
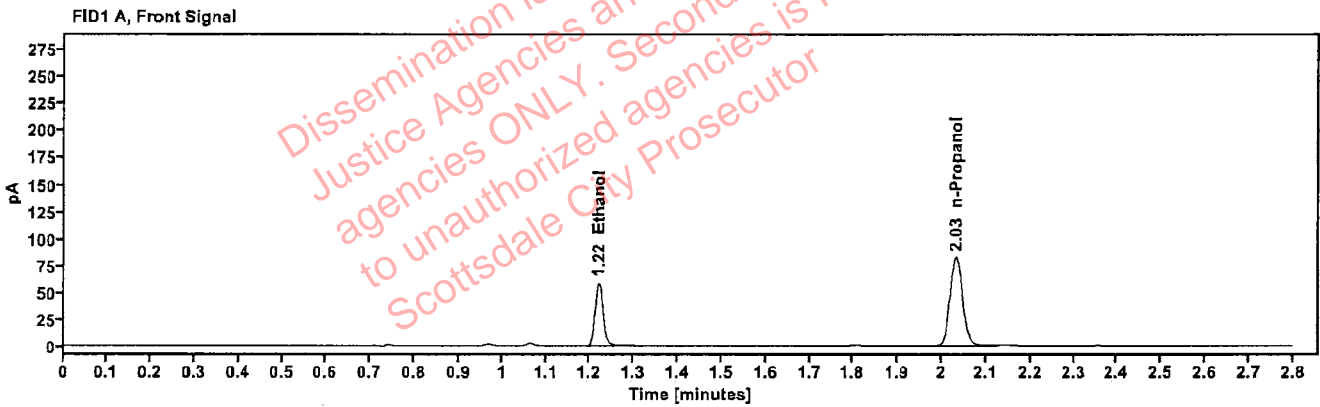


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1257	1.220	74.768
n-Propanol	---	2.032	164.467

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

Compound	Time (min)	Peak Area
Ethanol	1.369	81.397
n-Propanol	2.457	178.152

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505634-1	Vial:	19
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:26:48 PM
Data file:	C:\Chem32\1\Data\19Mar25\19.D	Analyst:	Brooke

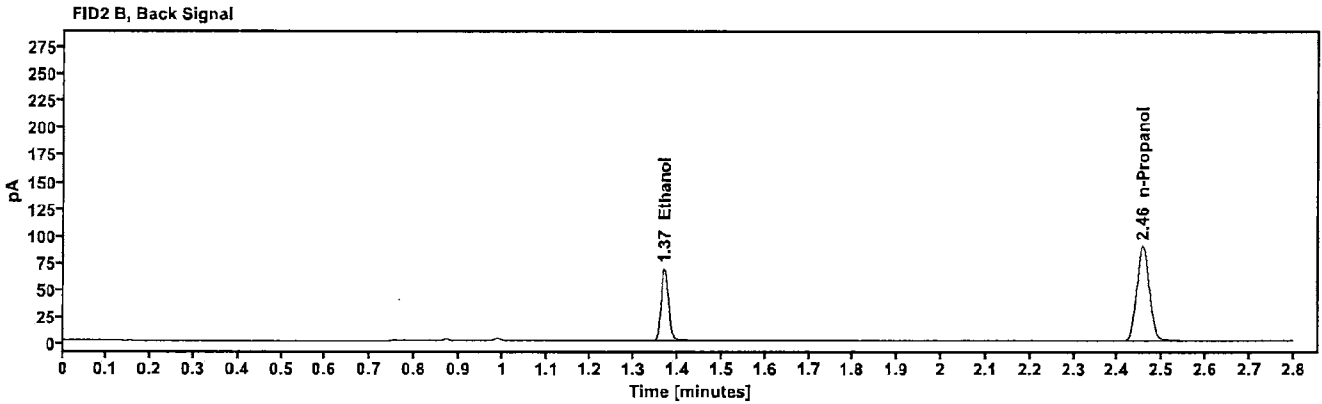
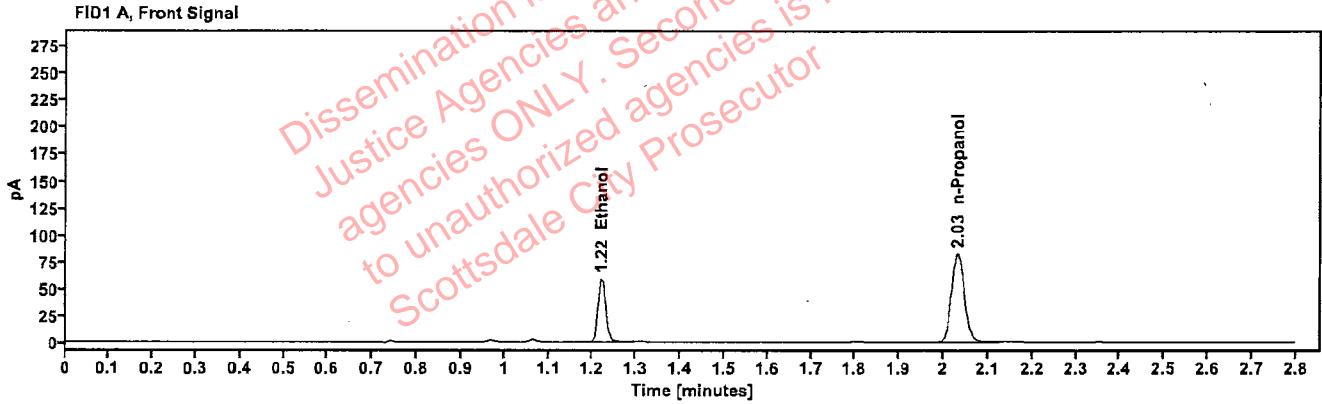


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1258	1.220	74.810
n-Propanol	---	2.032	164.472

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

Compound	Time (min)	Peak Area
Ethanol	1.368	81.670
n-Propanol	2.456	178.144

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505636-1	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:34:48 PM
Data file:	C:\Chem32\1\Data\19Mar25\21.D	Analyst:	Brooke

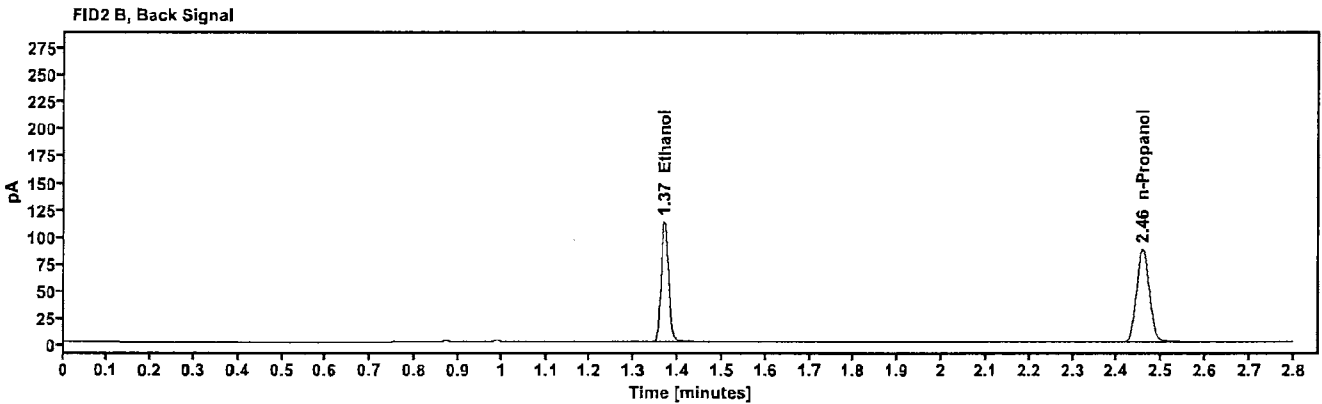
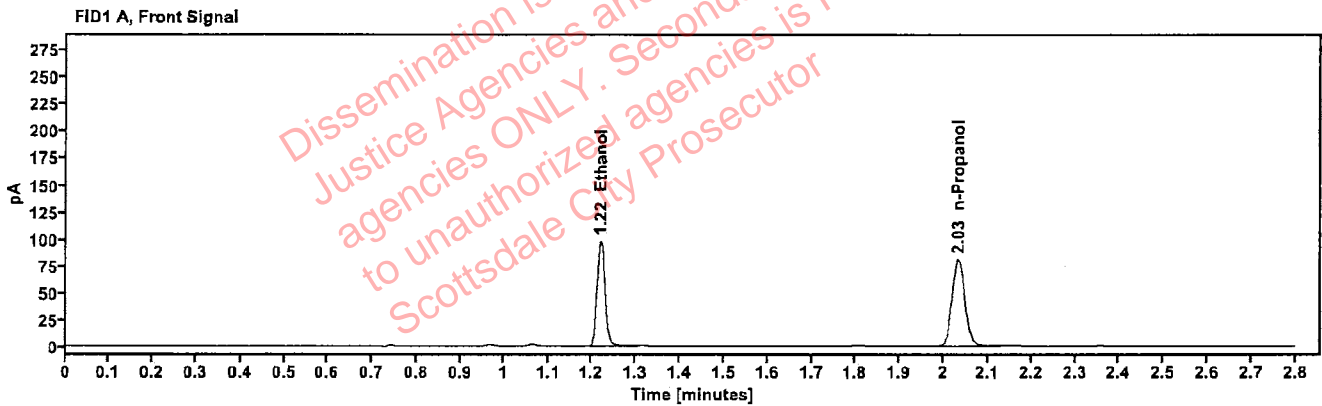


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2127	1.219	124.033
n-Propanol	---	2.033	160.968

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

Compound	Time (min)	Peak Area
Ethanol	1.368	135.836
n-Propanol	2.457	174.492

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505636-1	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:38:48 PM
Data file:	C:\Chem32\1\Data\19Mar25\22.D	Analyst:	Brooke

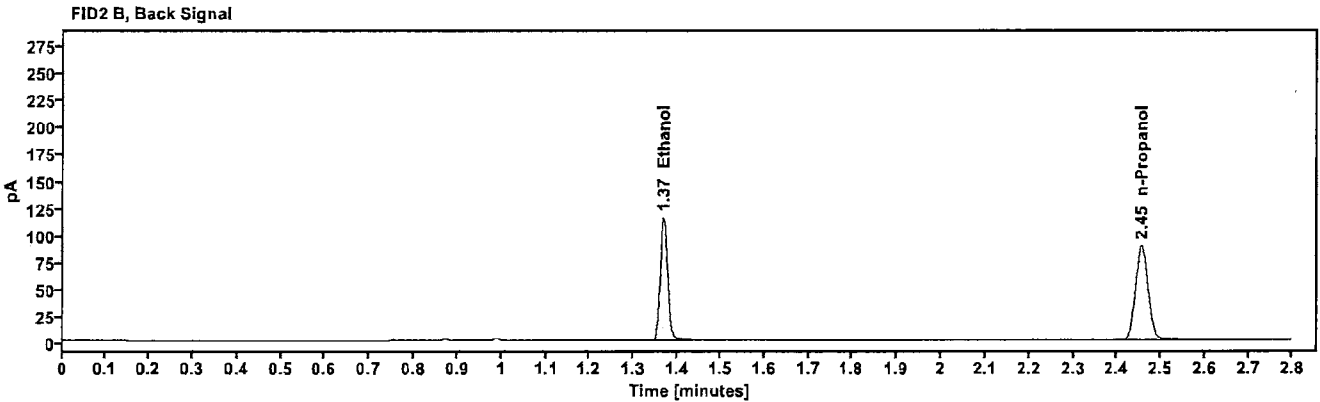
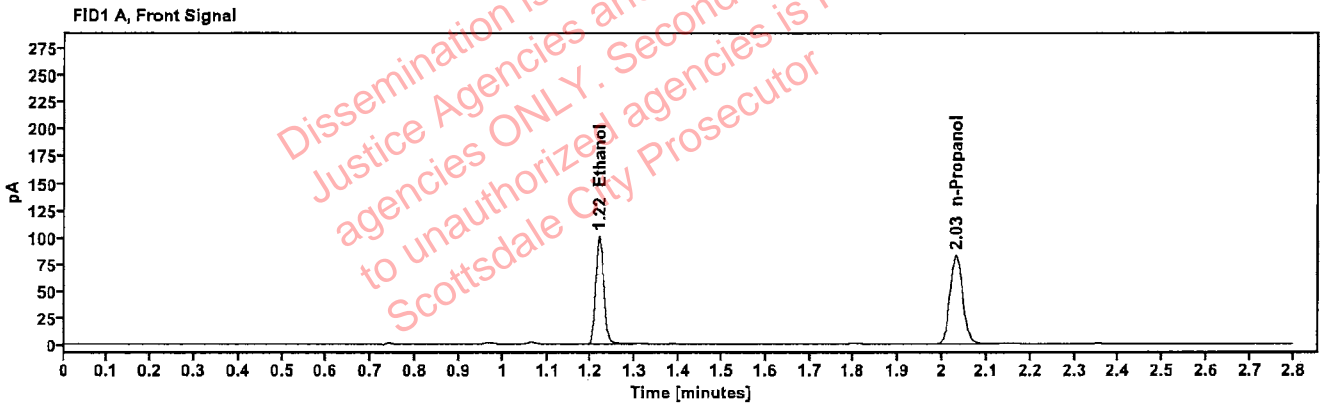


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2127	1.219	126.667
n-Propanol	---	2.031	164.379

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

Compound	Time (min)	Peak Area
Ethanol	1.367	139.070
n-Propanol	2.455	178.094

: Brooke, Phillip - (21-Mar-2025)

Case: User: pbrooke 3/21/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505589-1	Vial:	23
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:42:47 PM
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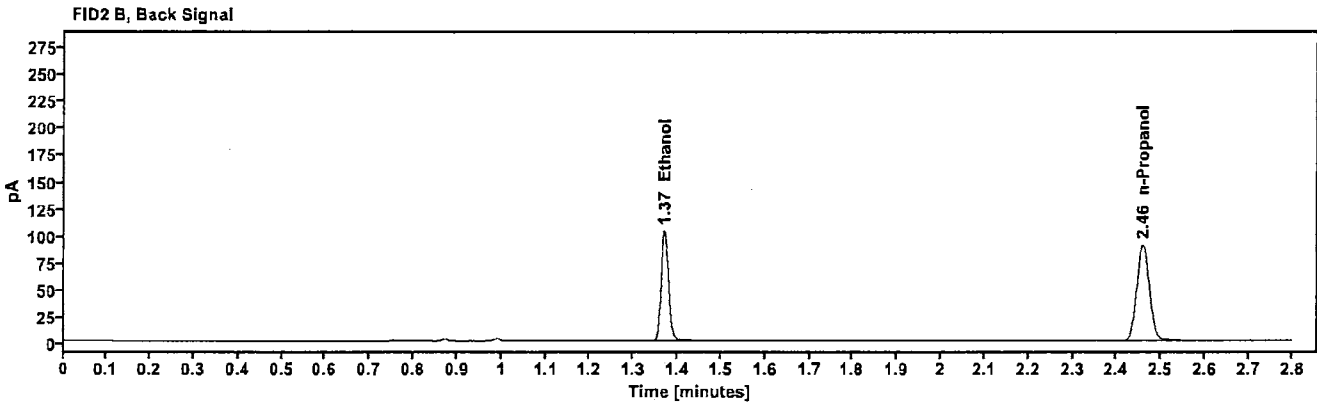
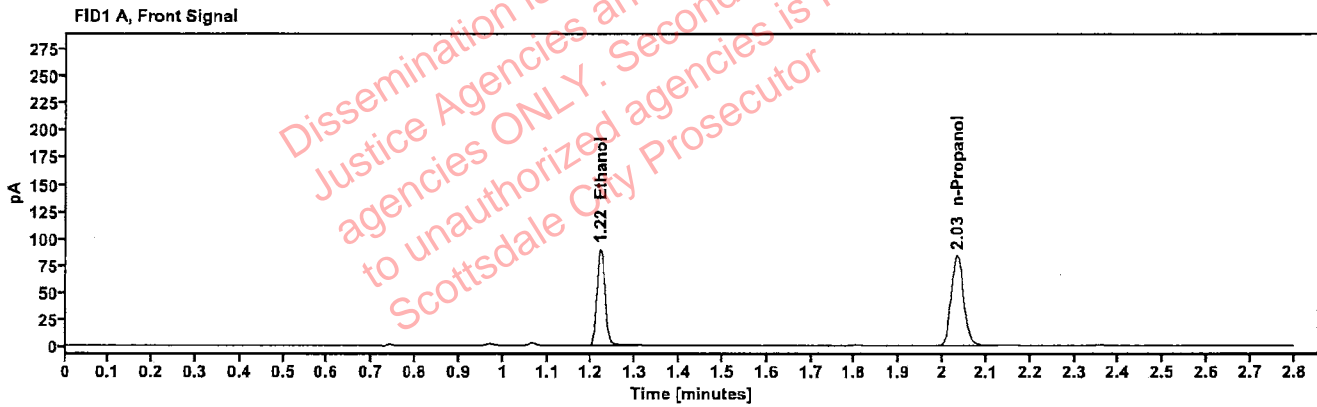


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1886	1.220	114.065
n-Propanol	—	2.033	166.971

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

Compound	Time (min)	Peak Area
Ethanol	1.369	124.979
n-Propanol	2.458	180.878

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505589-1	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:46:48 PM
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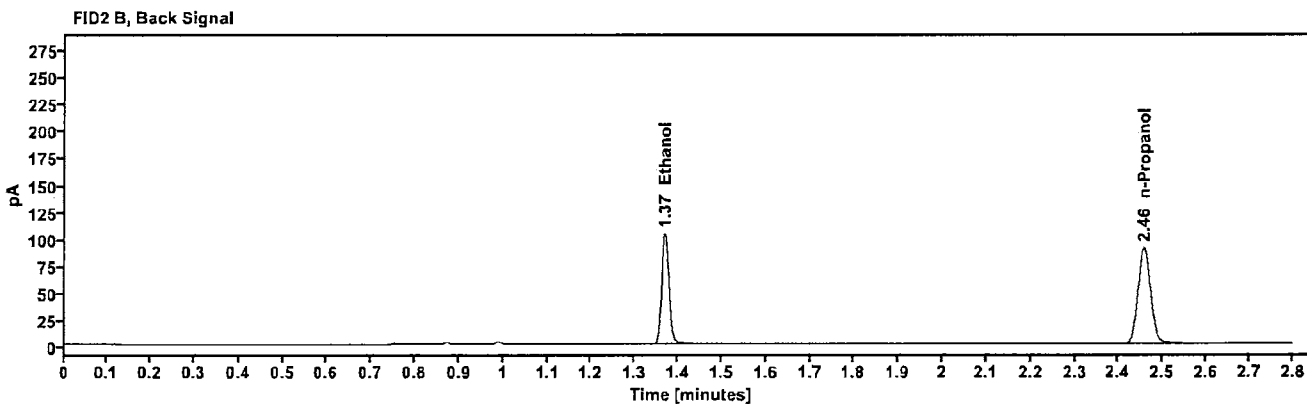
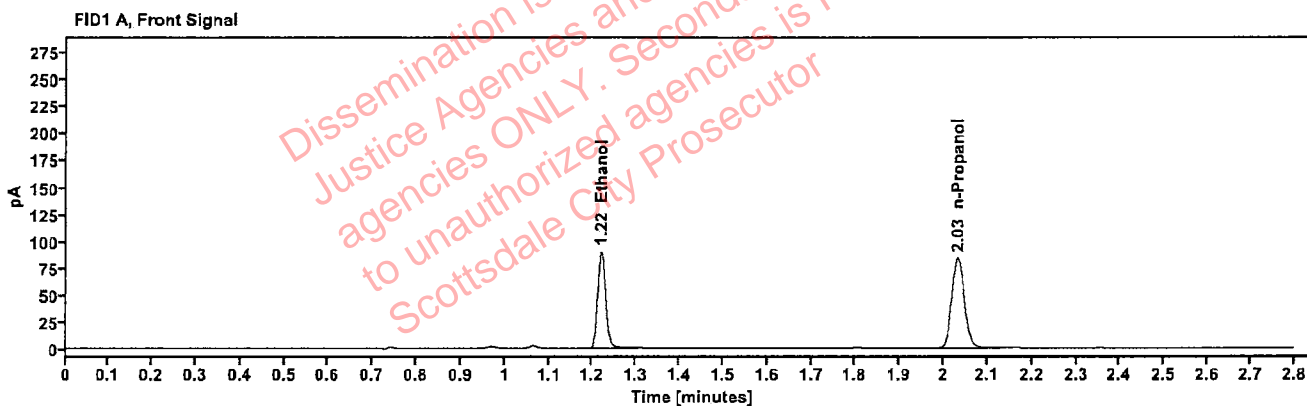


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1890	1.220	114.349
n-Propanol	---	2.032	167.049

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

Compound	Time (min)	Peak Area
Ethanol	1.369	125.416
n-Propanol	2.457	181.085

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505620-2	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:51:03 PM
Data file:	C:\Chem32\1\Data\19Mar25\25.D	Analyst:	Brooke

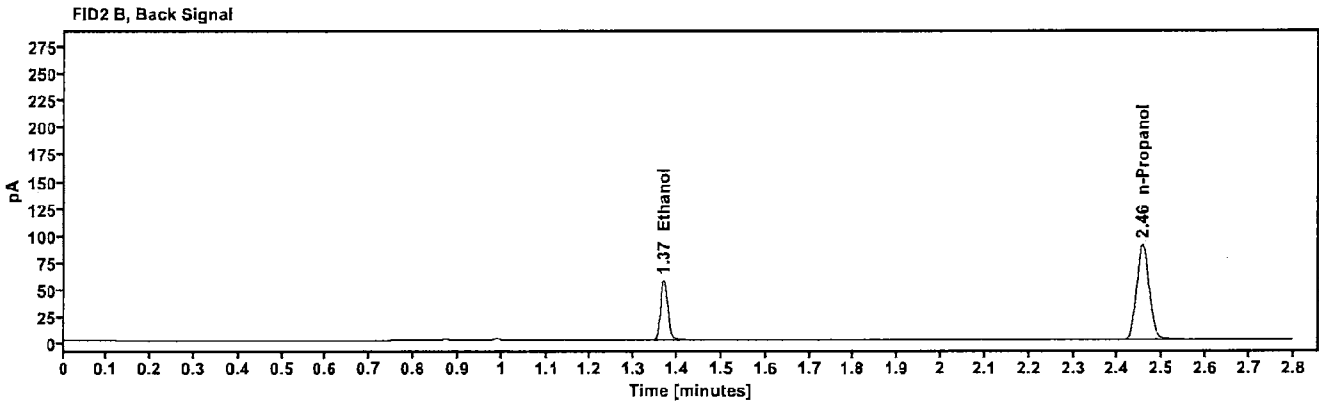
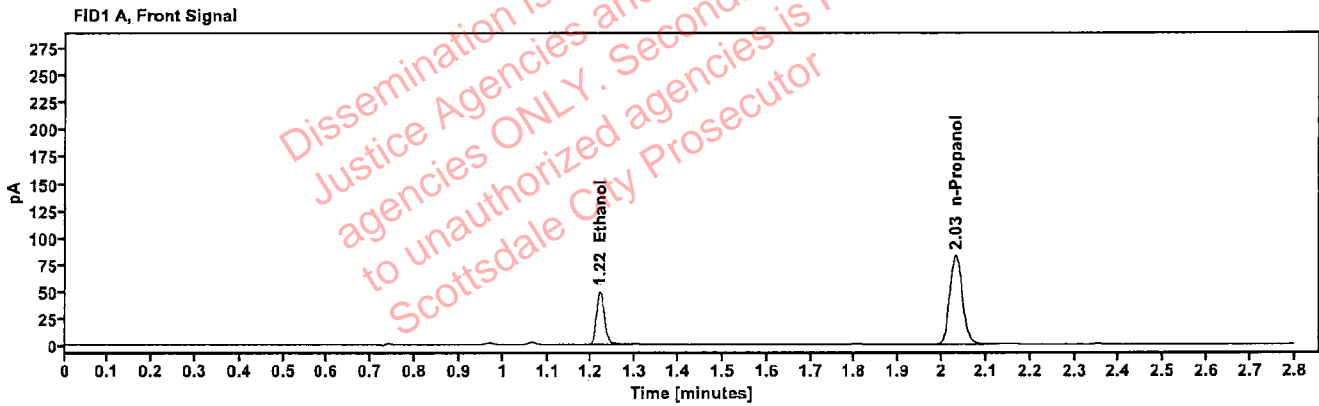


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1050	1.220	62.568
n-Propanol	---	2.031	165.023

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

Compound	Time (min)	Peak Area
Ethanol	1.368	68.307
n-Propanol	2.456	178.897

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505620-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:55:03 PM
Data file:	C:\Chem32\1\Data\19Mar25\26.D	Analyst:	Brooke

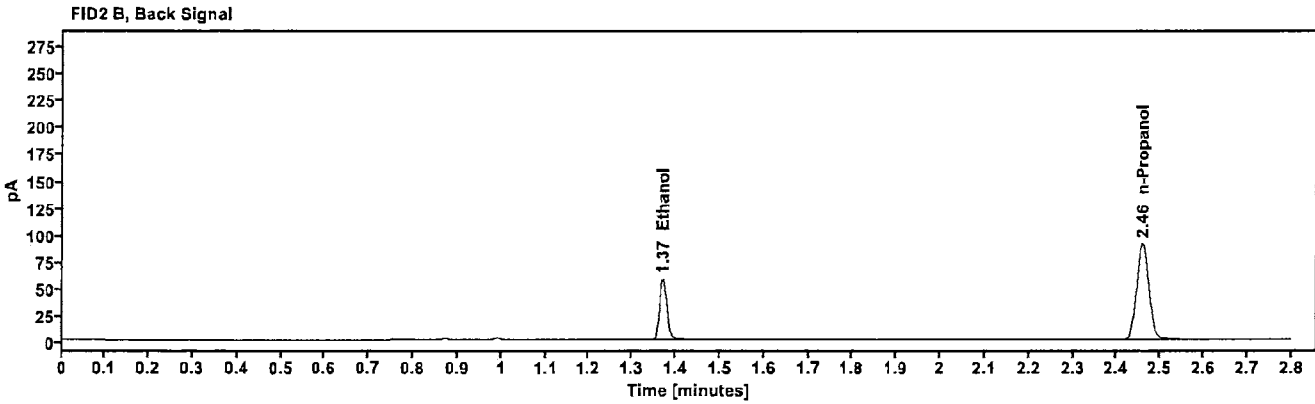
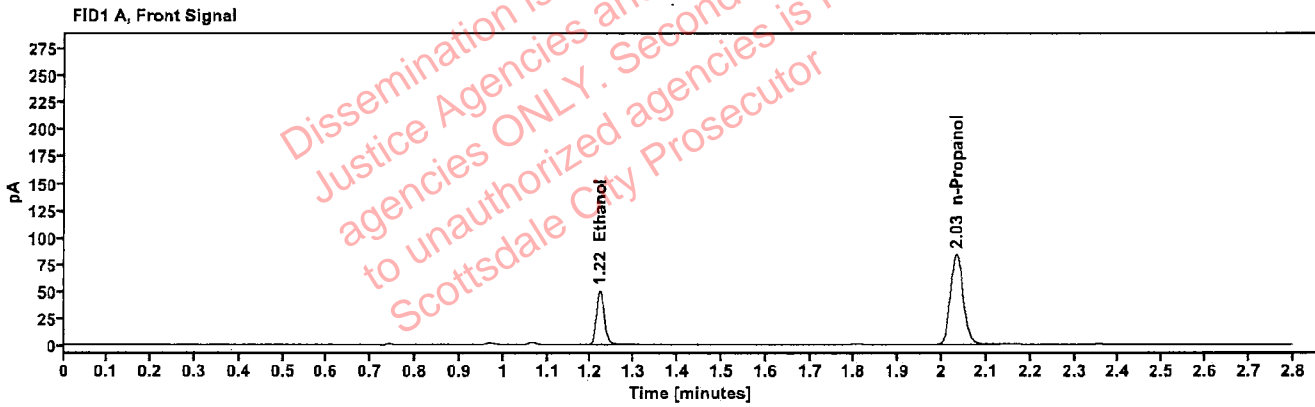


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1050	1.221	63.277
n-Propanol	---	2.033	166.807

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

Compound	Time (min)	Peak Area
Ethanol	1.370	69.025
n-Propanol	2.458	180.940

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505548-2	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 7:59:03 PM
Data file:	C:\Chem32\1\Data\19Mar25\27.D	Analyst:	Brooke

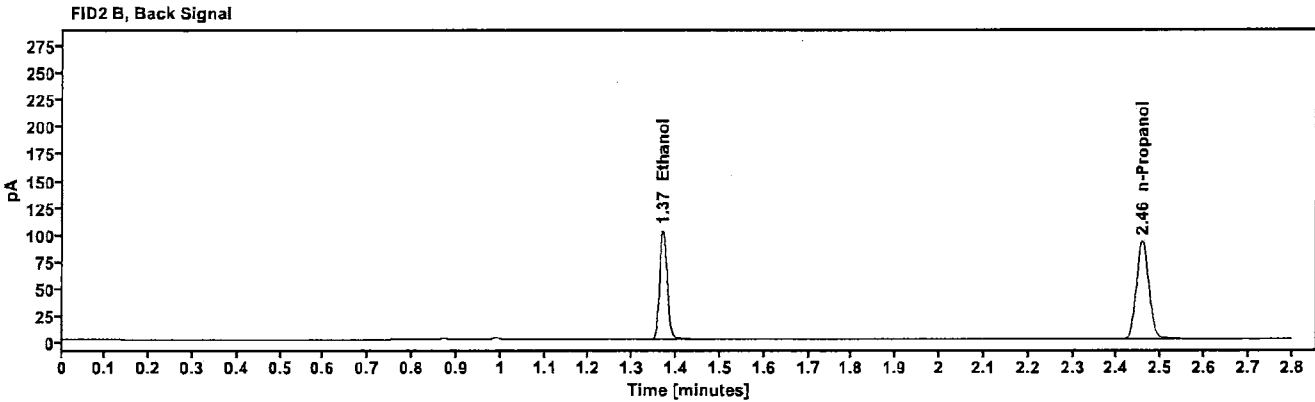
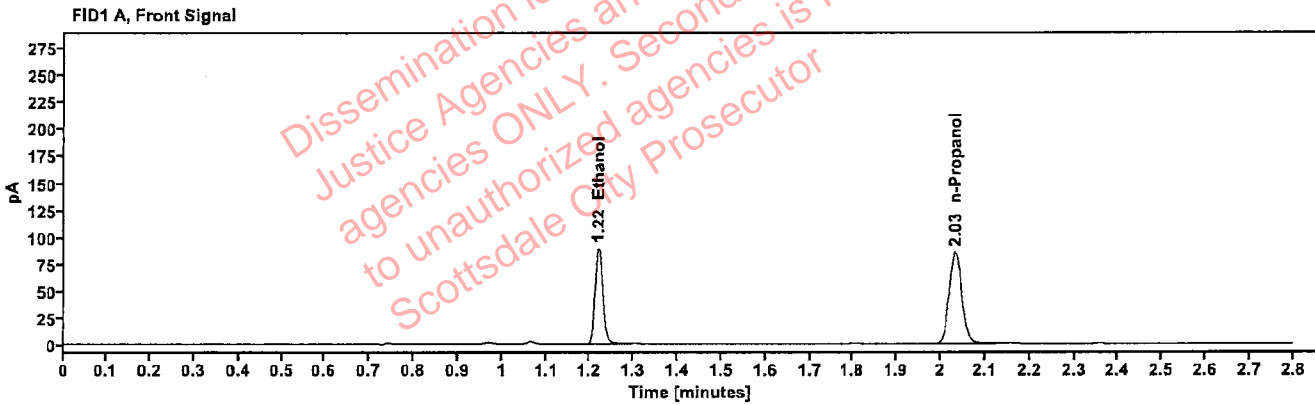


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1838	1.220	112.771
n-Propanol	---	2.033	169.436

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

Compound	Time (min)	Peak Area
Ethanol	1.369	123.536
n-Propanol	2.458	183.710

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505548-2	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:03:03 PM
Data file:	C:\Chem32\1\Data\19Mar25\28.D	Analyst:	Brooke

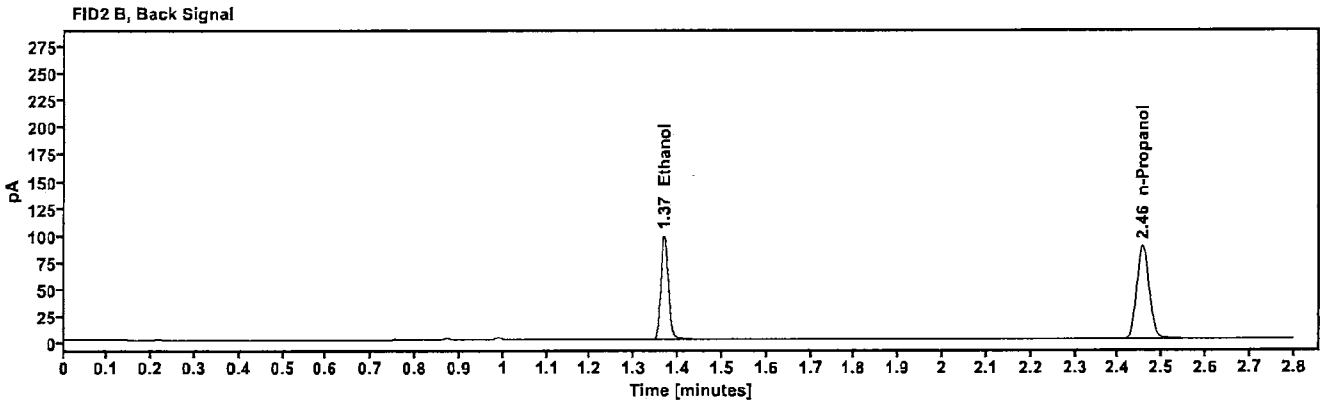
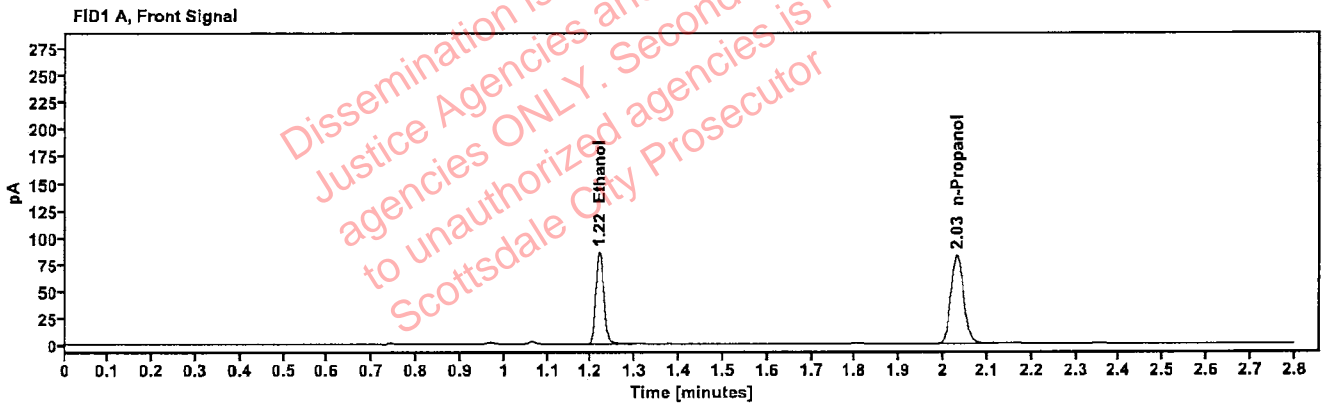


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1824	1.219	108.067
n-Propanol	---	2.031	163.627

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

Compound	Time (min)	Peak Area
Ethanol	1.368	118.262
n-Propanol	2.455	177.219

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505617-2	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:07:03 PM
Data file:	C:\Chem321\Data\19Mar25\29.D	Analyst:	Brooke

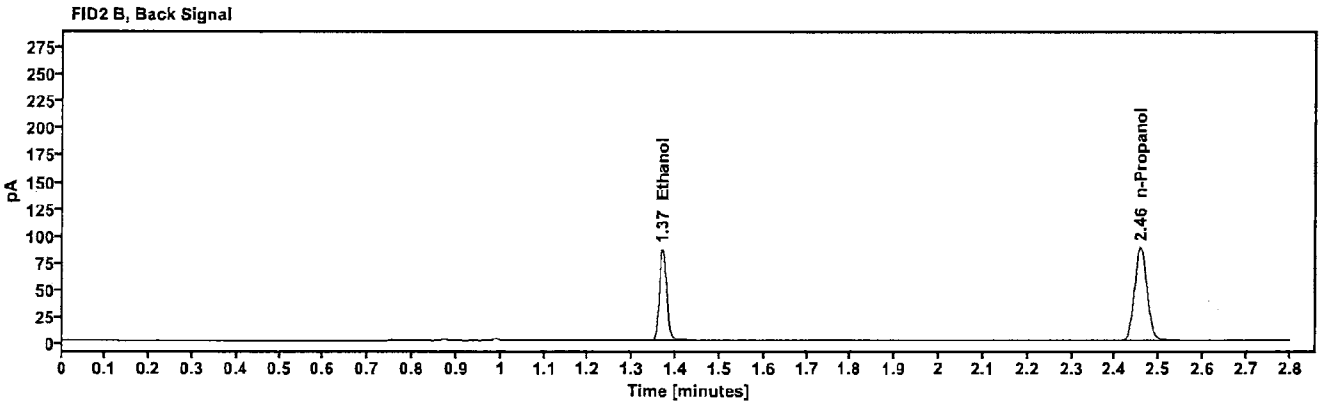
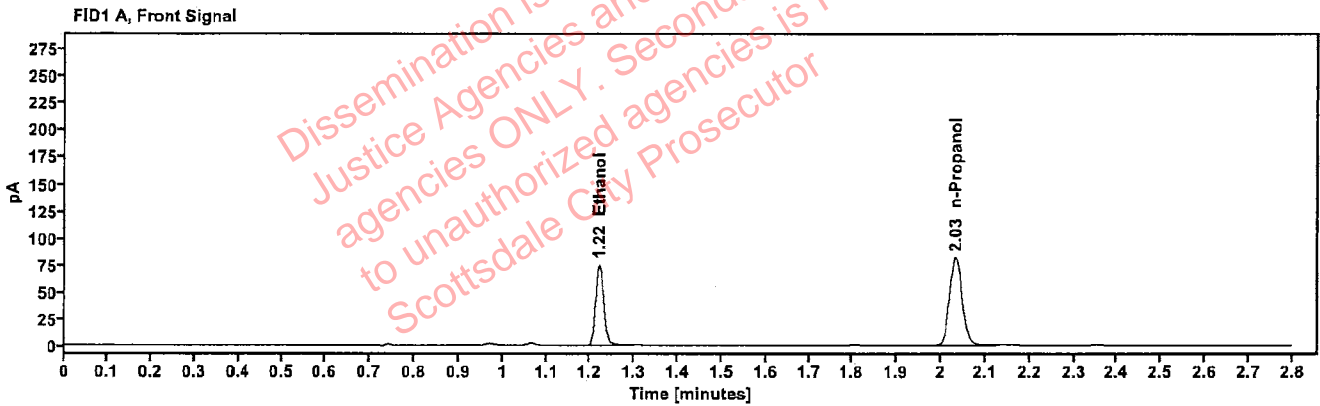


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1614	1.220	94.978
n-Propanol	---	2.033	162.619

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

Compound	Time (min)	Peak Area
Ethanol	1.369	104.021
n-Propanol	2.458	176.081

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505617-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:11:03 PM
Data file:	C:\Chem32\1\Data\19Mar25\30.D	Analyst:	Brooke

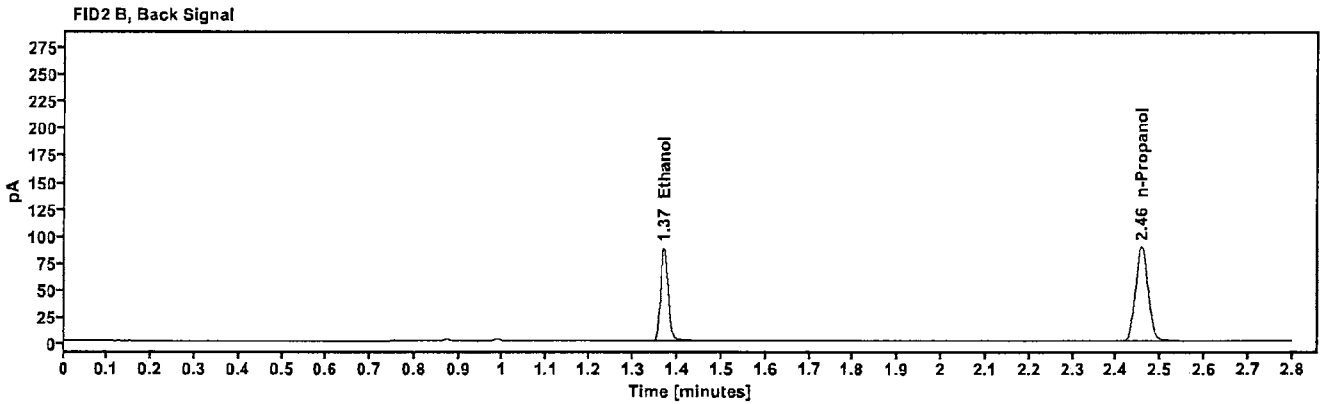
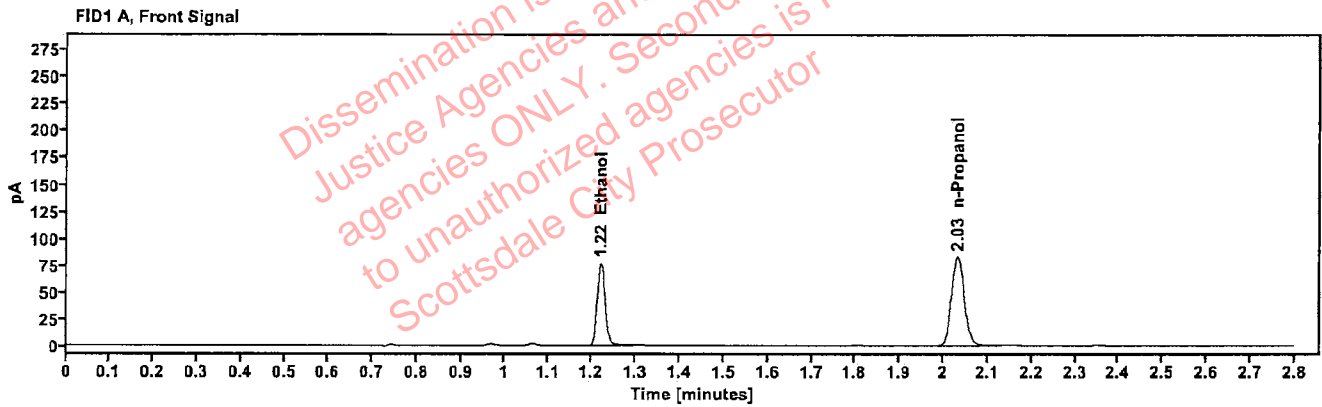


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1622	1.219	96.973
n-Propanol	---	2.032	165.121

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

Compound	Time (min)	Peak Area
Ethanol	1.368	106.063
n-Propanol	2.457	178.891

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505364-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:19:17 PM
Data file:	C:\Chem32\1\Data\19Mar25\32.D	Analyst:	Brooke

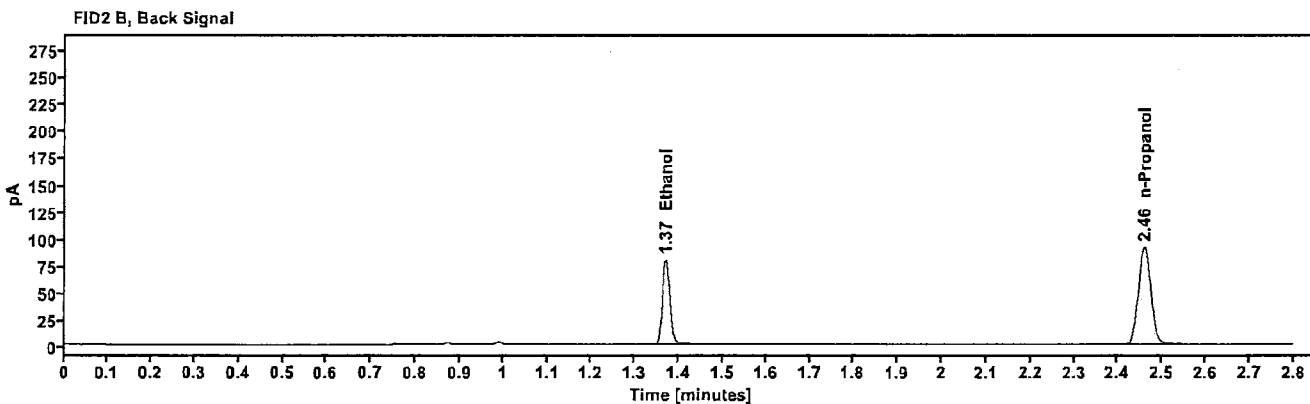
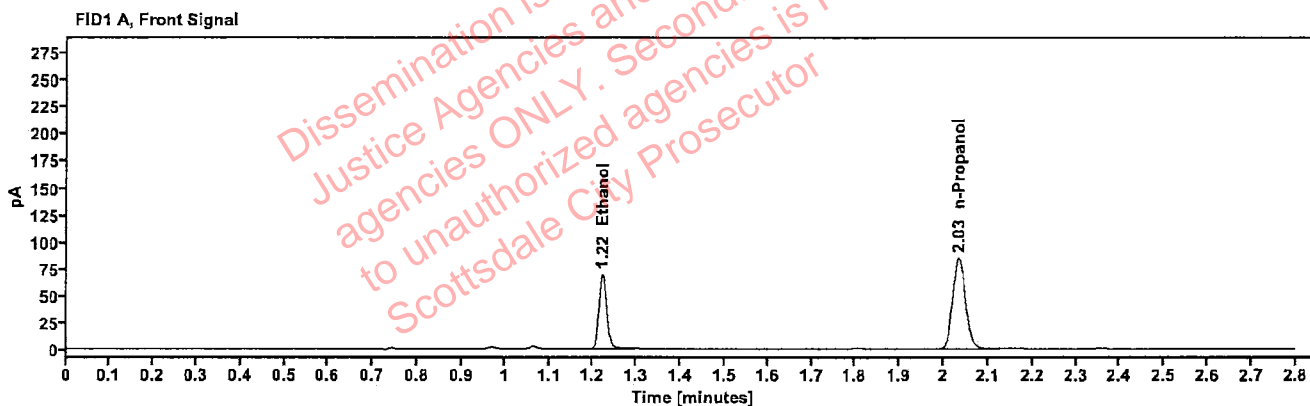


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1439	1.221	87.596
n-Propanol	-----	2.034	168.299

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

Compound	Time (min)	Peak Area
Ethanol	1.370	95.629
n-Propanol	2.459	182.691

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505364-2	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:23:18 PM
Data file:	C:\Chem32\1\Data\19Mar25\33.D	Analyst:	Brooke

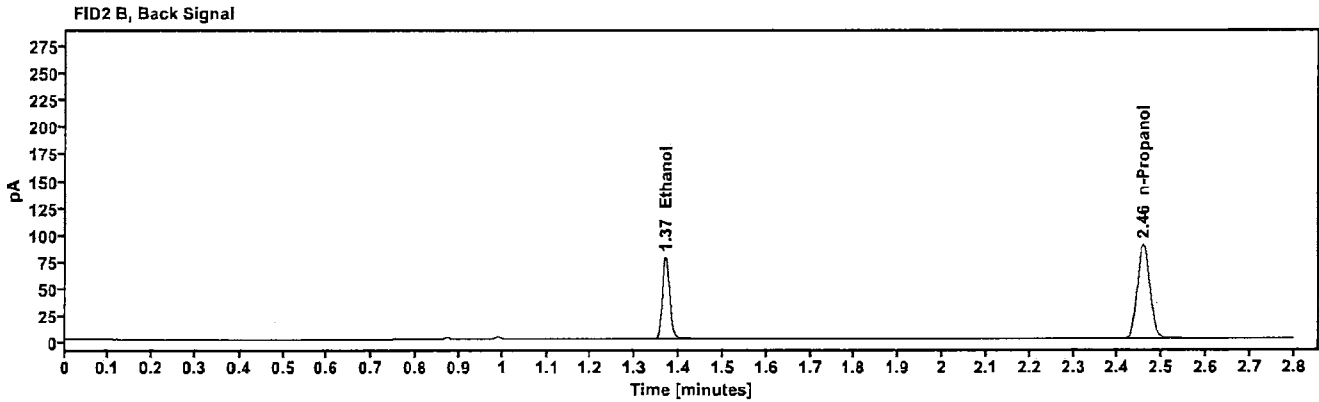
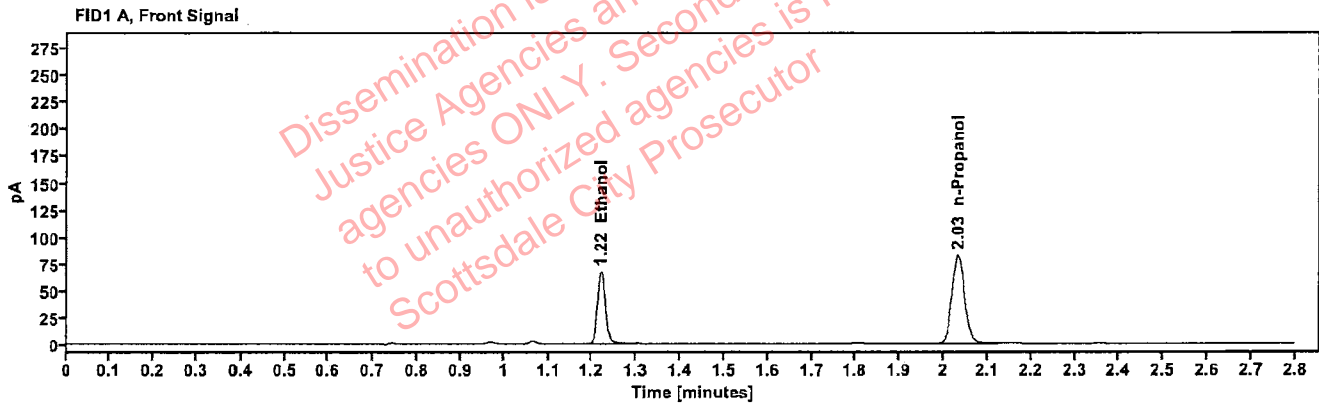


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1437	1.220	85.387
n-Propanol	---	2.032	164.231

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

Compound	Time (min)	Peak Area
Ethanol	1.369	93.244
n-Propanol	2.457	178.019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504971-2	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:27:18 PM
Data file:	C:\Chem32\1\Data\19Mar25\34.D	Analyst:	Brooke

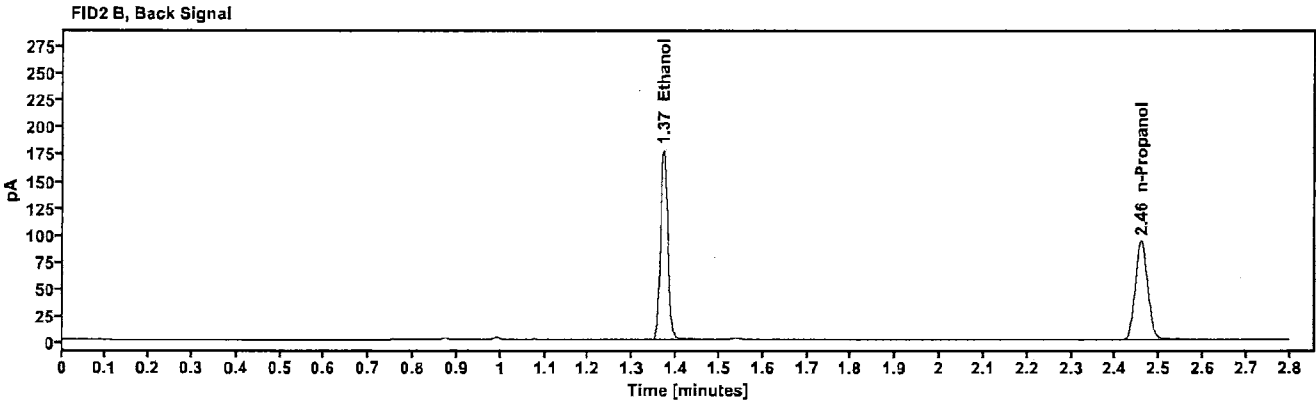
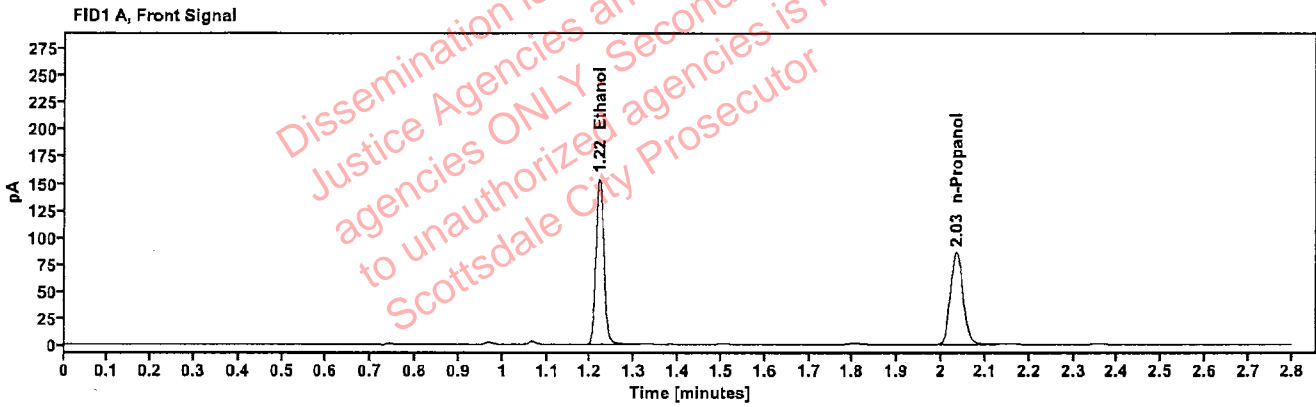


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3150	1.220	194.936
n-Propanol	-----	2.034	170.595

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

Compound	Time (min)	Peak Area
Ethanol	1.370	214.300
n-Propanol	2.459	184.529

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504971-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:31:18 PM
Data file:	C:\Chem32\1\Data\19Mar25\35.D	Analyst:	Brooke

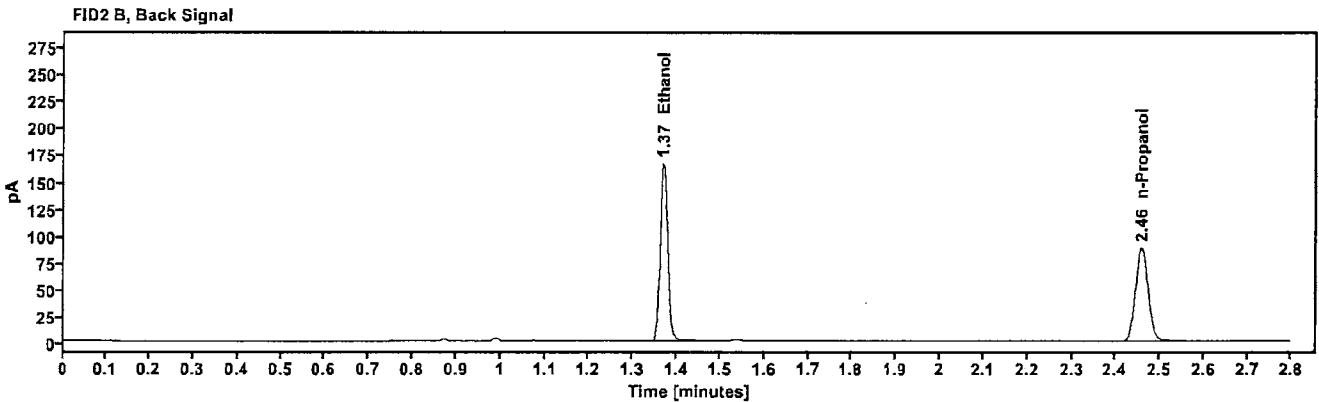
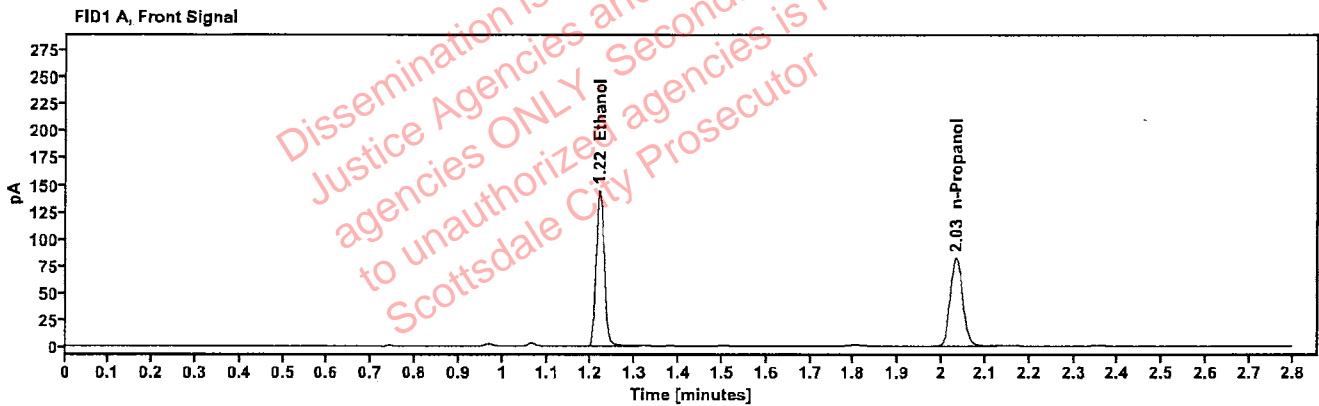


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3102	1.219	183.379
n-Propanol	---	2.033	163.004

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

Compound	Time (min)	Peak Area
Ethanol	1.369	202.853
n-Propanol	2.458	176.344

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505661-1	Vial:	36
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:35:17 PM
Data file:	C:\Chem32\1\Data\19Mar25\36.D	Analyst:	Brooke

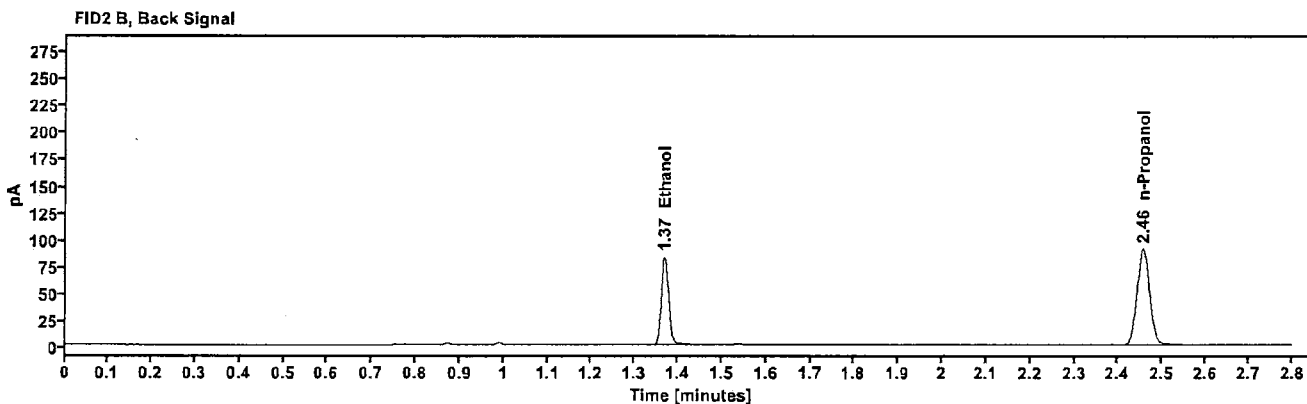
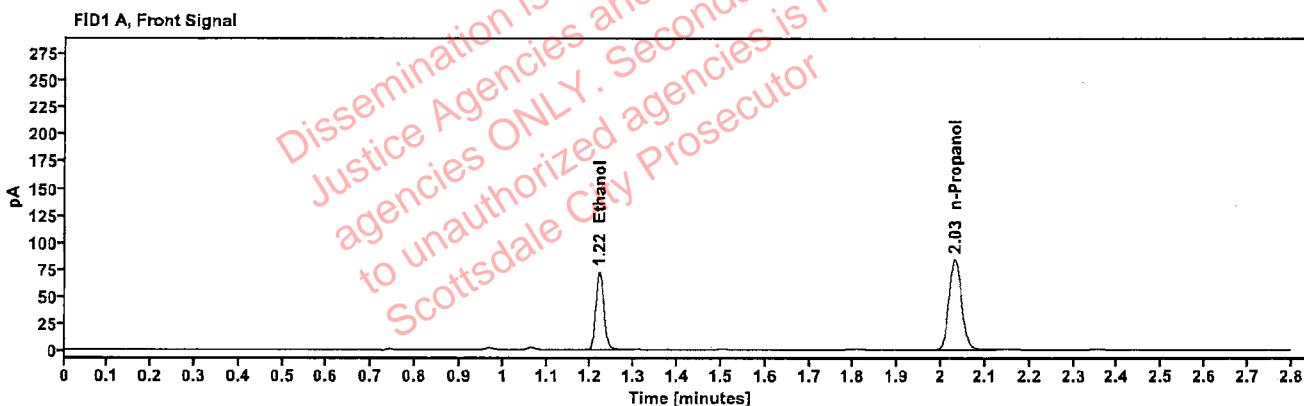


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1509	1.219	91.238
n-Propanol	-----	2.031	167.127

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

Compound	Time (min)	Peak Area
Ethanol	1.368	99.708
n-Propanol	2.456	180.902

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505661-1	Vial:	37
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:39:32 PM
Data file:	C:\Chem32\1\Data\19Mar25\37.D	Analyst:	Brooke

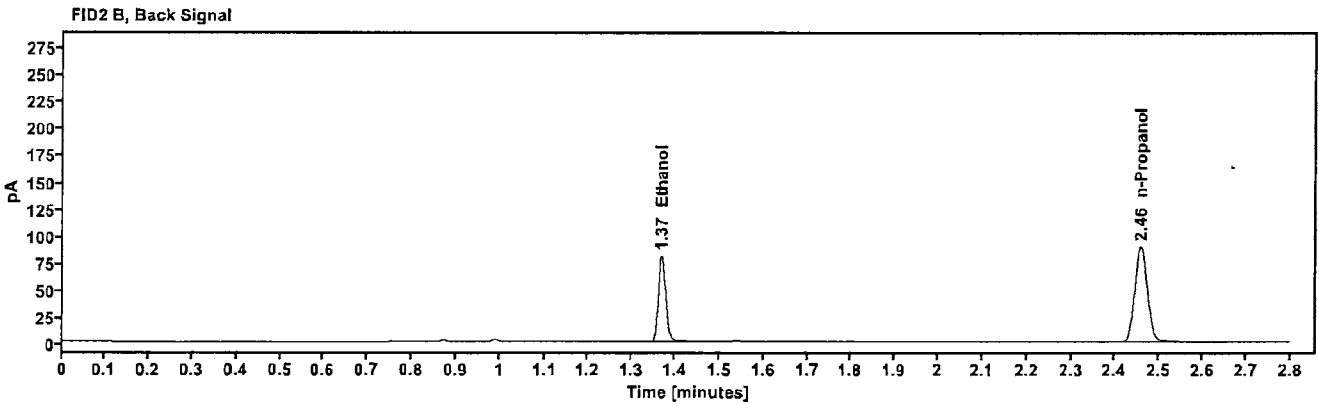
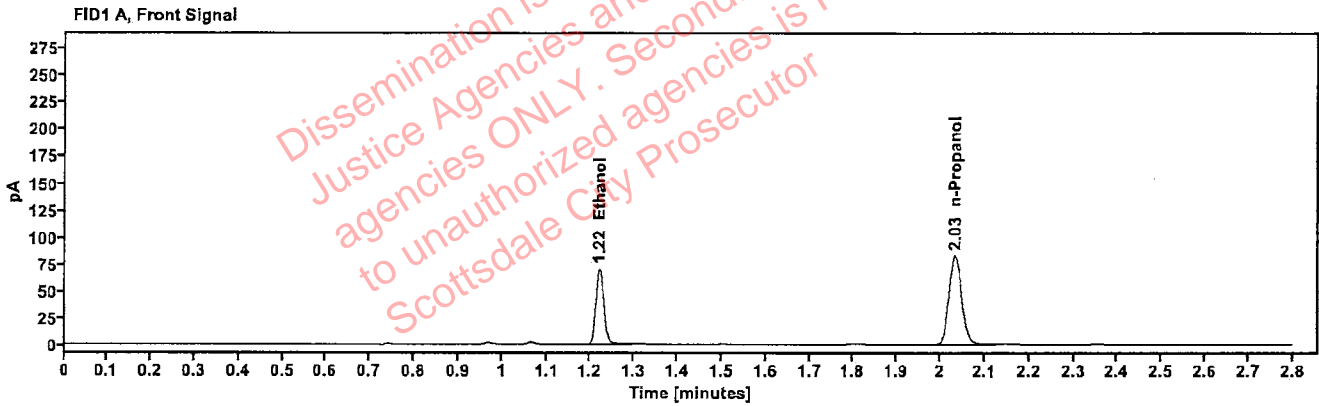


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1485	1.220	88.604
n-Propanol	---	2.033	164.935

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

Compound	Time (min)	Peak Area
Ethanol	1.368	97.061
n-Propanol	2.458	178.719

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505532-1	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:43:33 PM
Data file:	C:\Chem32\1\Data\19Mar25\38.D	Analyst:	Brooke

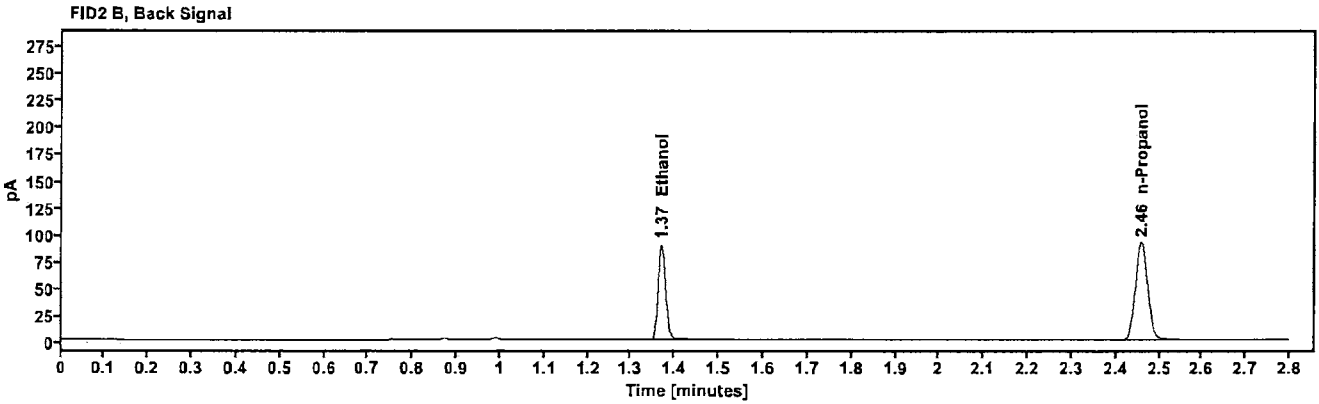
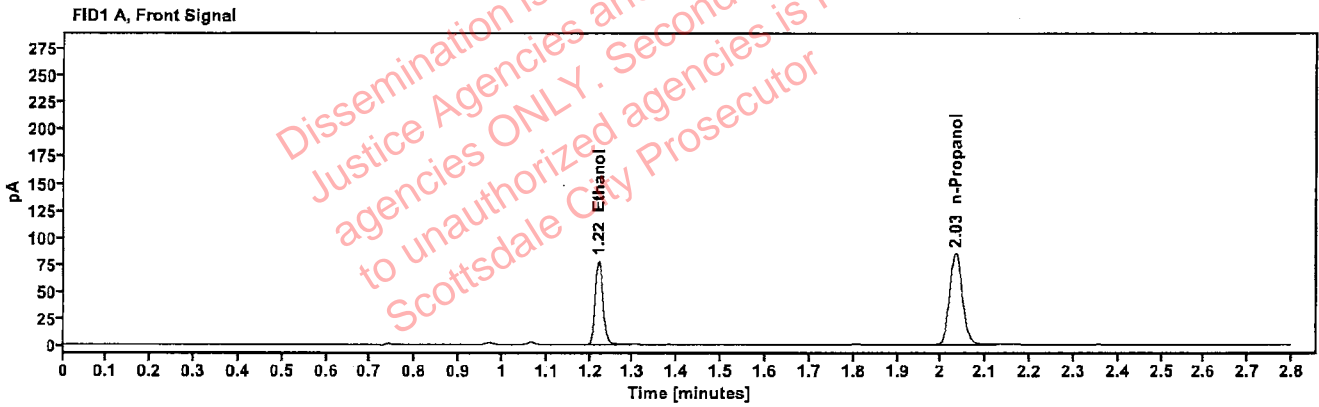


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1607	1.220	98.370
n-Propanol	-----	2.033	169.067

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

Compound	Time (min)	Peak Area
Ethanol	1.369	107.581
n-Propanol	2.458	183.071

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505532-1	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:47:33 PM
Data file:	C:\Chem32\1\Data\19Mar25\39.D	Analyst:	Brooke

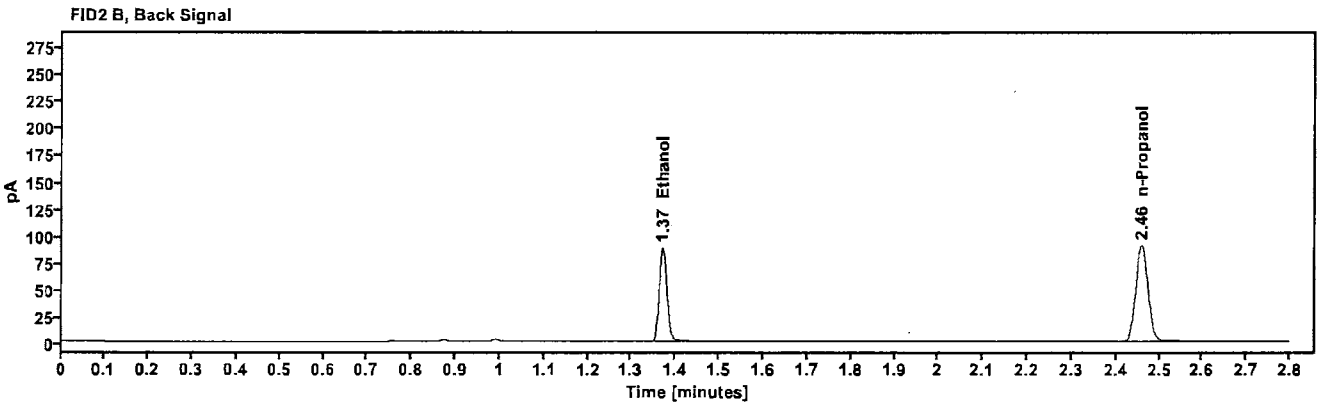
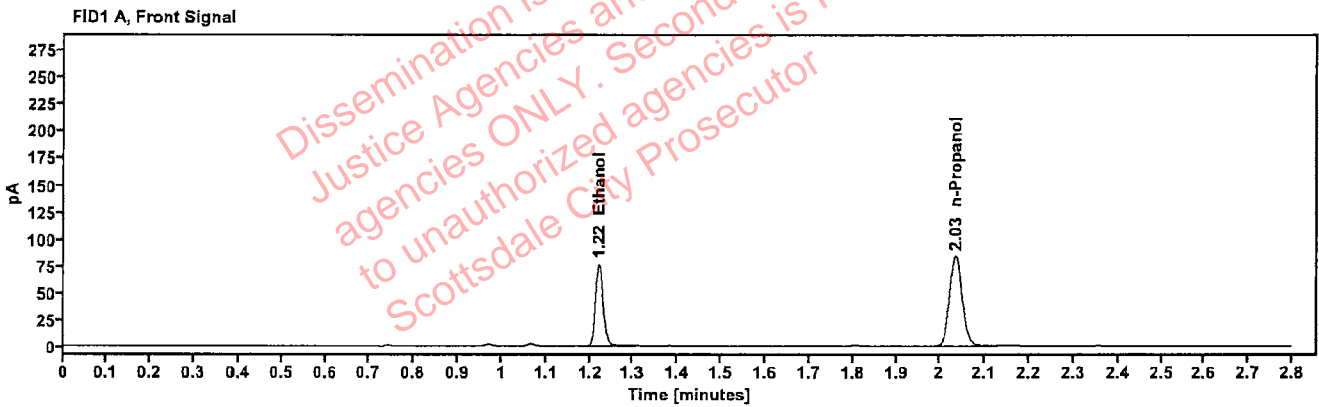


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1607	1.221	97.077
n-Propanol	-----	2.034	166.930

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

Compound	Time (min)	Peak Area
Ethanol	1.370	106.048
n-Propanol	2.459	180.522

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504194-2	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:51:34 PM
Data file:	C:\Chem32\1\Data\19Mar25\40.D	Analyst:	Brooke

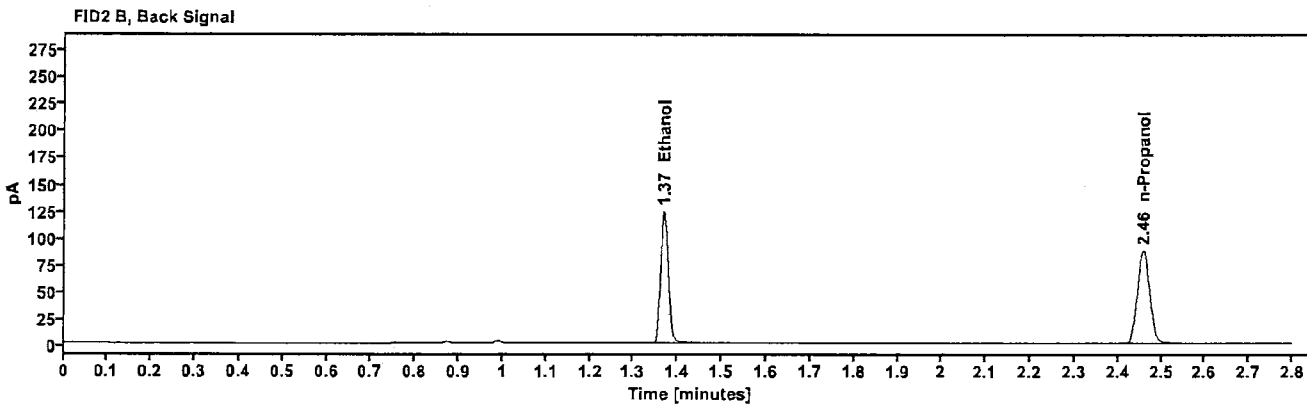
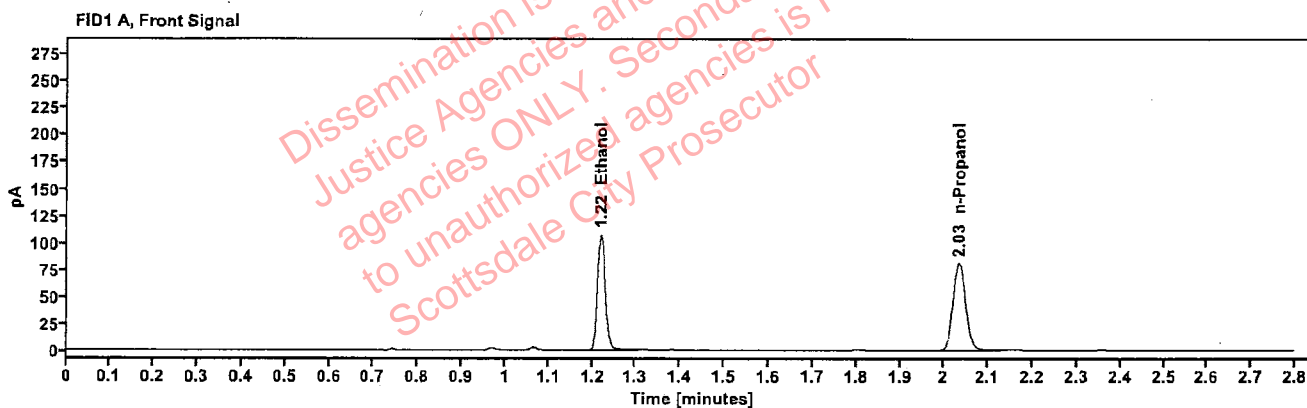


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2327	1.220	136.273
n-Propanol	---	2.033	161.608

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

Compound	Time (min)	Peak Area
Ethanol	1.369	149.296
n-Propanol	2.458	174.919

: Brooke, Phillip - (21-Mar-2025)

Case: [REDACTED] User: pbrooke 3/21/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504194-2	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Mar25
Instrument:	US14173023 CN14160045	Injection date:	3/19/2025 8:55:32 PM
Data file:	C:\Chem32\1\Data\19Mar25\41.D	Analyst:	Brooke

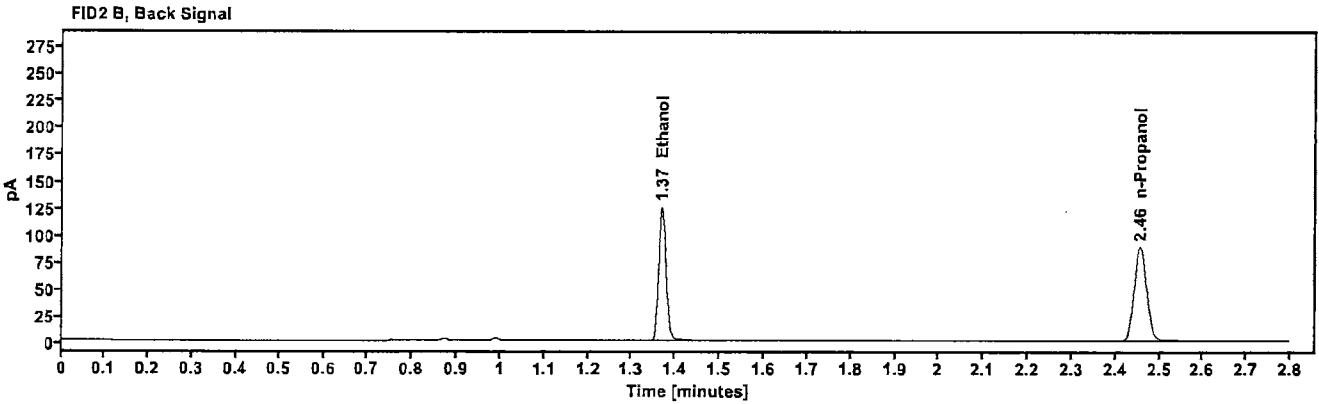
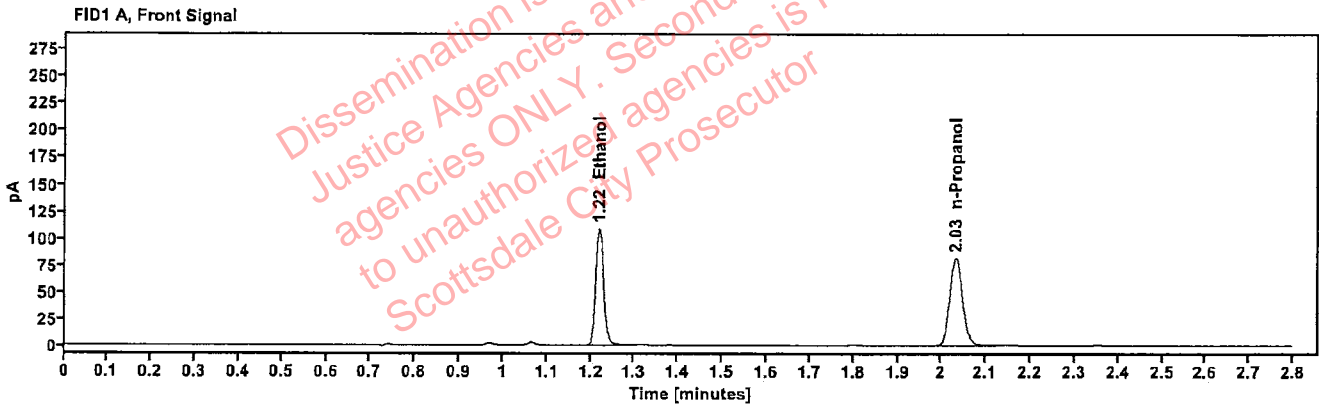


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2328	1.219	137.625
n-Propanol	---	2.032	163.128

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

Compound	Time (min)	Peak Area
Ethanol	1.368	150.693
n-Propanol	2.457	176.501