

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 9/24/2024

SEQUENCE NAME 24Sep24

EQUIPMENT

Pipettor Hamilton ML600EH7497 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 0.99998
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 050624WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 518018
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/11
20	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
42	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 12052023-B
43	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 518018
44	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/11
45	Blank	Not detected	Not detected	SPD lab 090524AQ

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Phiep Brook Analyst
 Run valid Run invalid Erika Camarico Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

RB

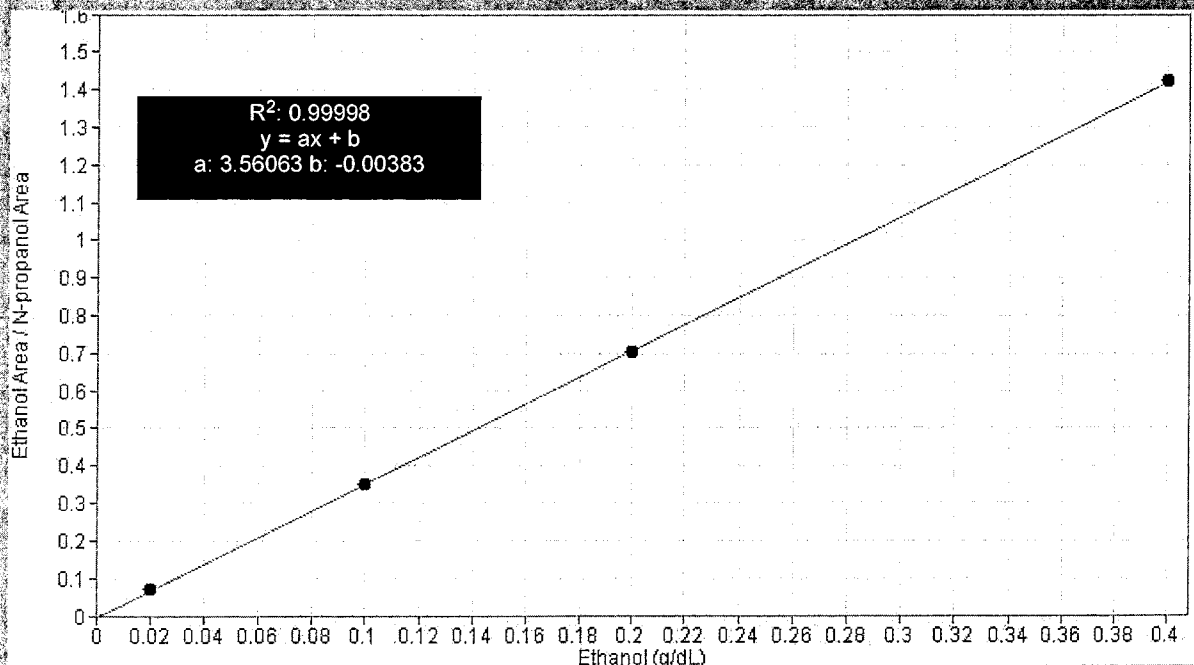
SEQUENCE NAME: 24Sep24

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 050624WB	5	negative	negative	-	-
0.400 12052023-B	7	0.401	0.400	0.25	0.001
0.040 518018	8	0.040	0.040	0.00	0.000
0.199 4110320133/11	9	0.202	0.199	1.51	0.003
0.100 517758	20	0.100	0.100	0.00	0.000
0.100 517758	31	0.101	0.100	1.00	0.001
0.400 12052023-B	42	0.400	0.400	0.00	0.000
0.040 518018	43	0.040	0.040	0.00	0.000
0.199 4110320133/11	44	0.203	0.199	2.01	0.004
blank 090524AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.796	171.240	0.069
0.100	59.999	170.193	0.353
0.200	120.064	170.305	0.705
0.400	241.108	169.564	1.422

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03122113	Vial: 1
Description: 0.020 calibrator	Sequence: 24Sep24
Method: ethanol quant.M	Injection date: 9/24/2024 1:18:07 PM
Instrument: US14173023 CN14160045	Analyst: Brooke <i>BB</i>
Data file: C:\Chem32\1\Data\24Sep24\1.D	

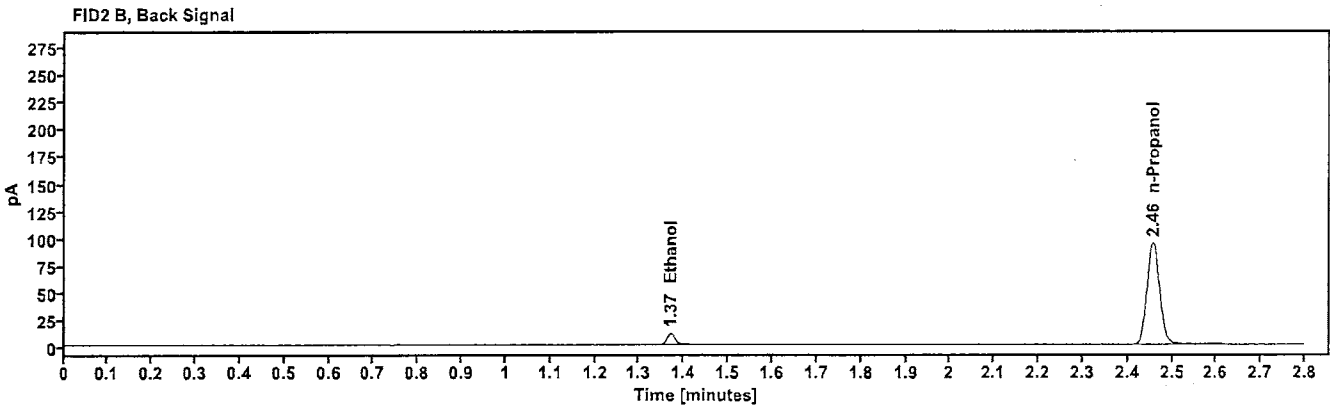
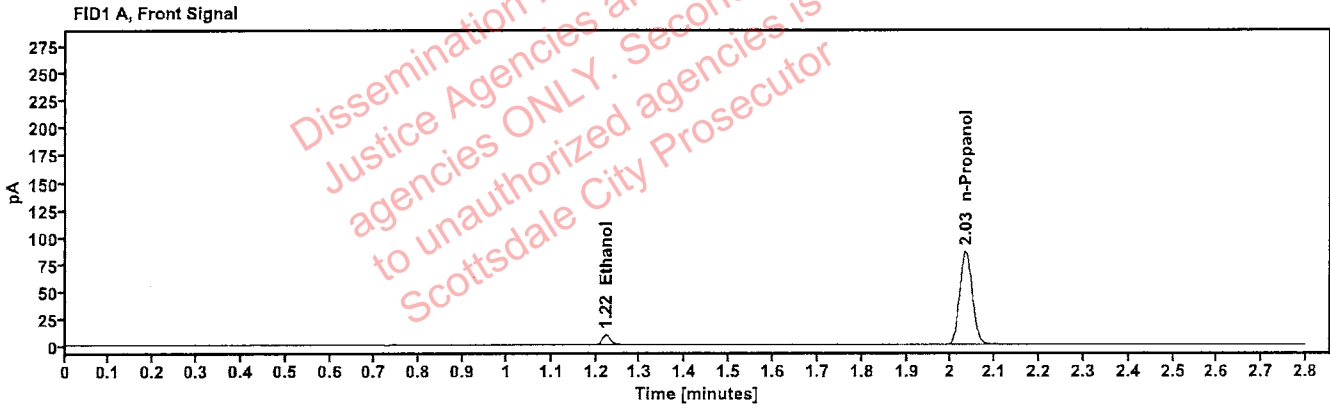


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	11.796
n-Propanol	2.033	171.240

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

Compound	Time (min)	Peak Area
Ethanol	1.370	12.941
n-Propanol	2.457	186.816

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03072301	Vial: 2
Description: 0.100 calibrator	Sequence: 24Sep24
Method: ethanol quant.M	Injection date: 9/24/2024 1:22:06 PM
Instrument: US14173023 CN14160045	Analyst: Brooke DB
Data file: C:\Chem32\1\Data\24Sep24\2.D	

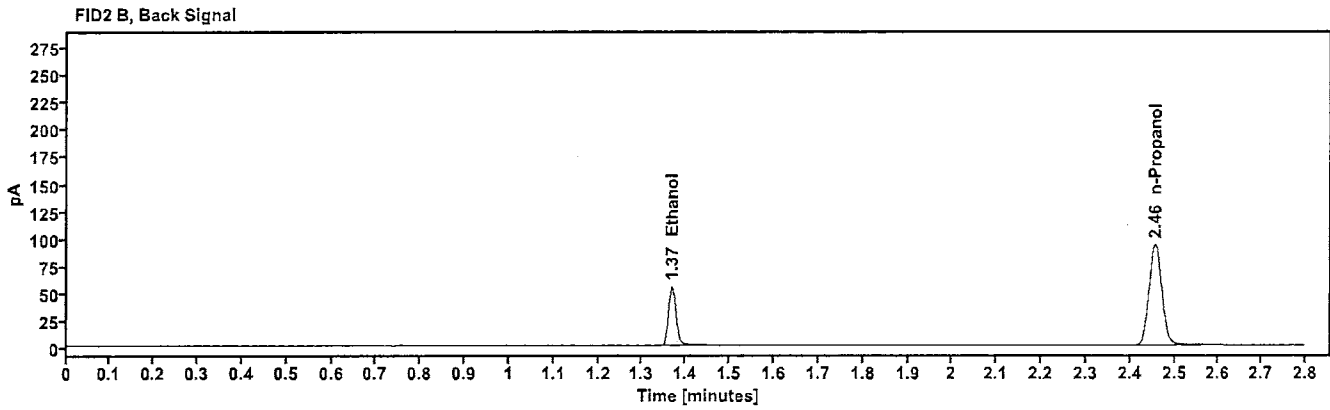
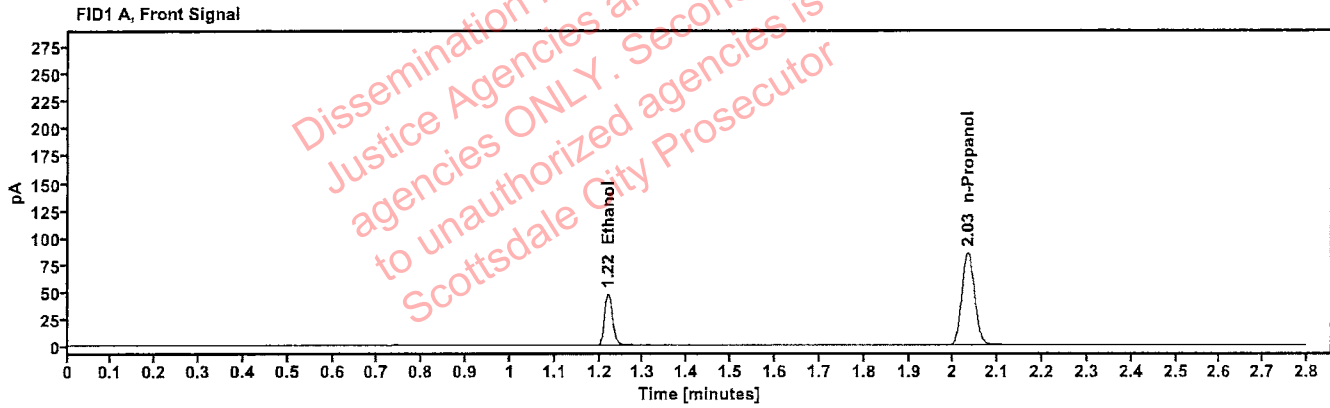


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.220	59.999
n-Propanol	2.033	170.193

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

Compound	Time (min)	Peak Area
Ethanol	1.368	65.900
n-Propanol	2.457	185.140

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03132302	Vial: 3
Description: 0.200 calibrator	Sequence: 24Sep24
Method: ethanol quant.M	Injection date: 9/24/2024 1:26:06 PM
Instrument: US14173023 CN14160045	Analyst: Brooke RB
Data file: C:\Chem32\1\Data\24Sep24\3.D	

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

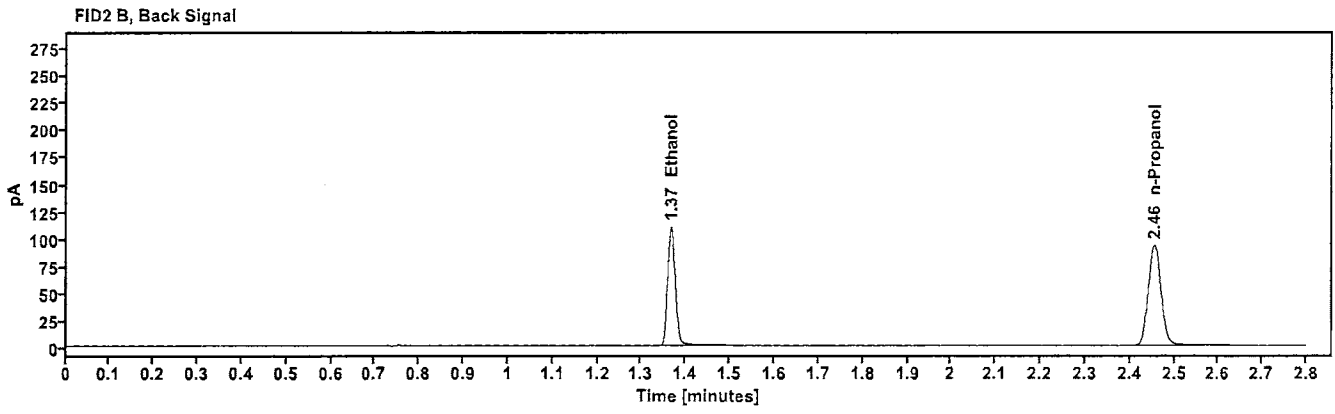
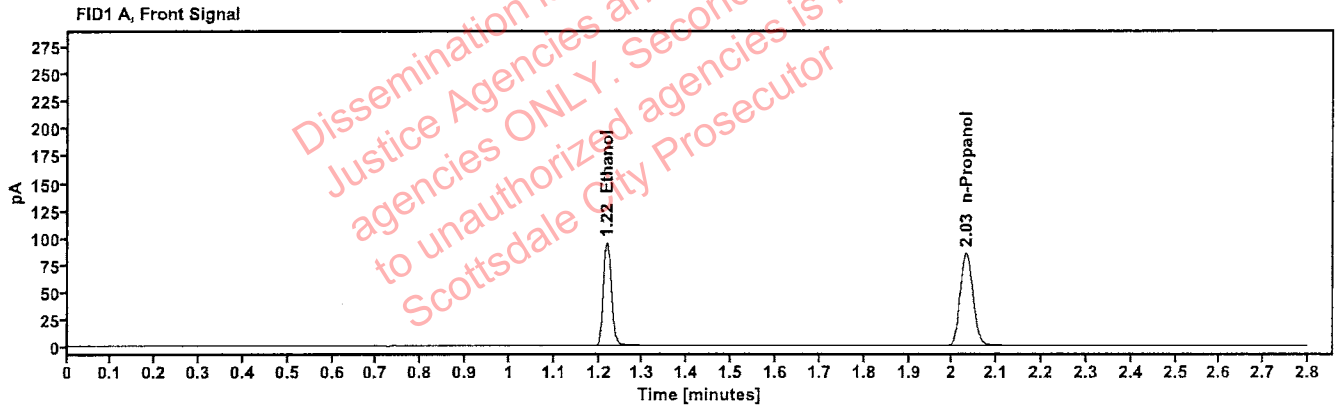


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	120.064
n-Propanol	2.031	170.305

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

Compound	Time (min)	Peak Area
Ethanol	1.367	132.263
n-Propanol	2.455	185.160

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 24Sep24
Method: ethanol quant.M	Injection date: 9/24/2024 1:30:07 PM
Instrument: US14173023 CN14160045	Analyst: Brooke RB
Data file: C:\Chem32\1\Data\24Sep24\4.D	

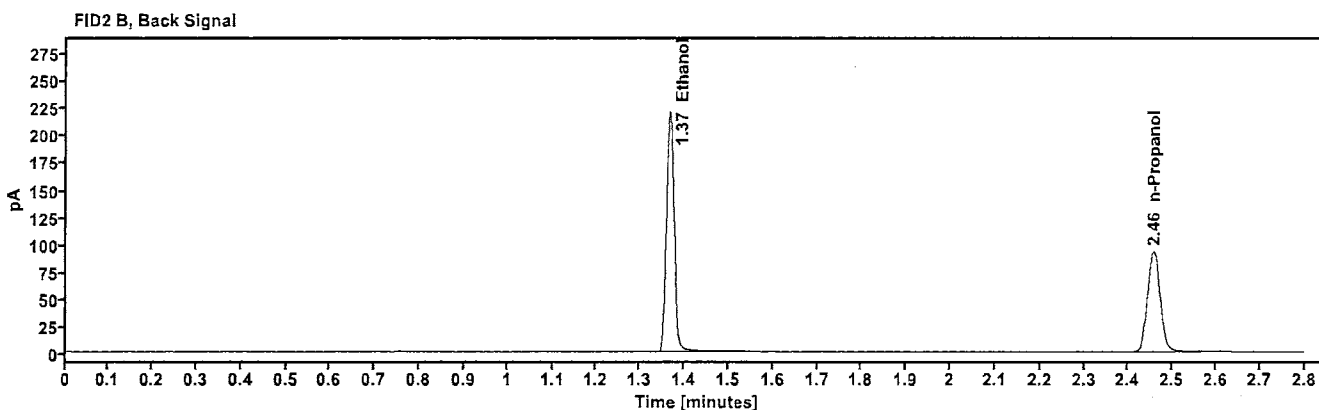
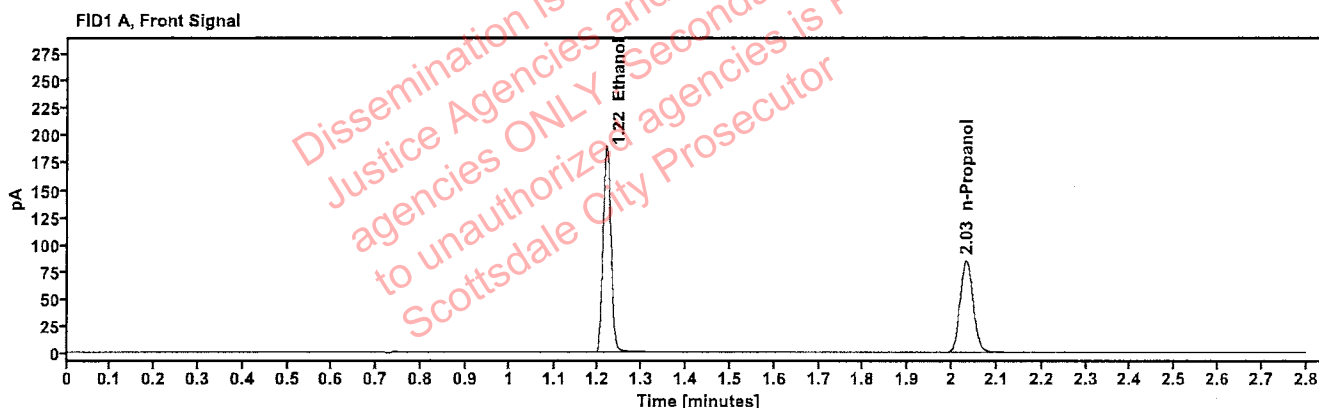


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	241.108
n-Propanol	2.032	169.564

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

Compound	Time (min)	Peak Area
Ethanol	1.367	266.024
n-Propanol	2.456	184.252

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050624WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 1:34:07 PM
Data file:	C:\Chem32\1\Data\24Sep24\5.D	Analyst:	Brooke

RB

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

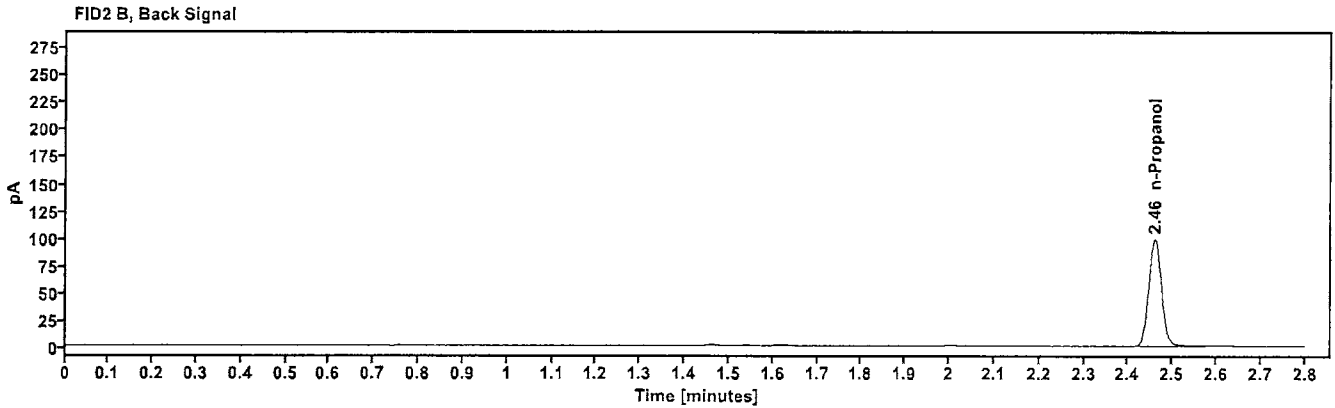
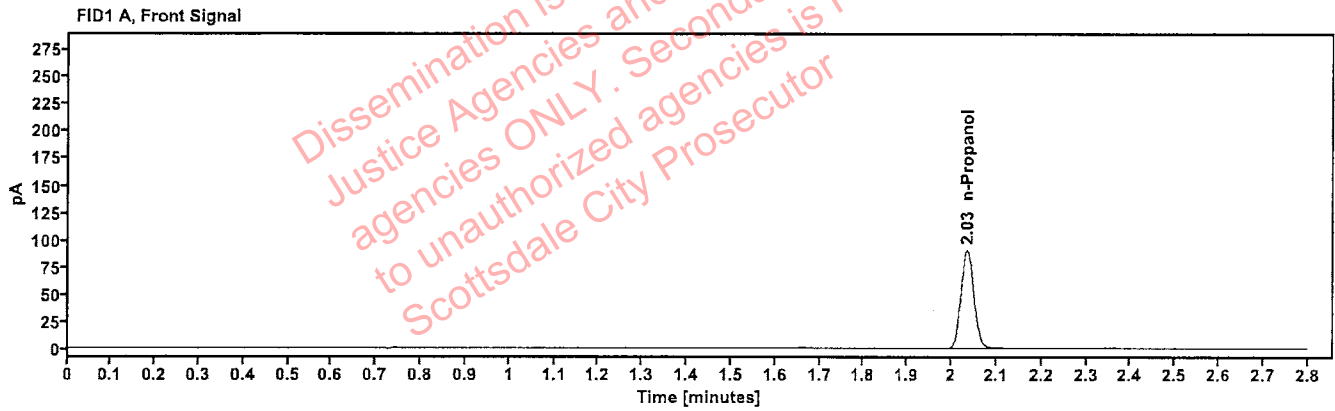


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.034	180.128

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

Compound	Time (min)	Peak Area
n-Propanol	2.460	195.855

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 24Sep24
Instrument: US14173023 CN14160045	Injection date: 9/24/2024 1:38:07 PM
Data file: C:\Chem32\1\Data\24Sep24\6.D	Analyst: Brooke

RB

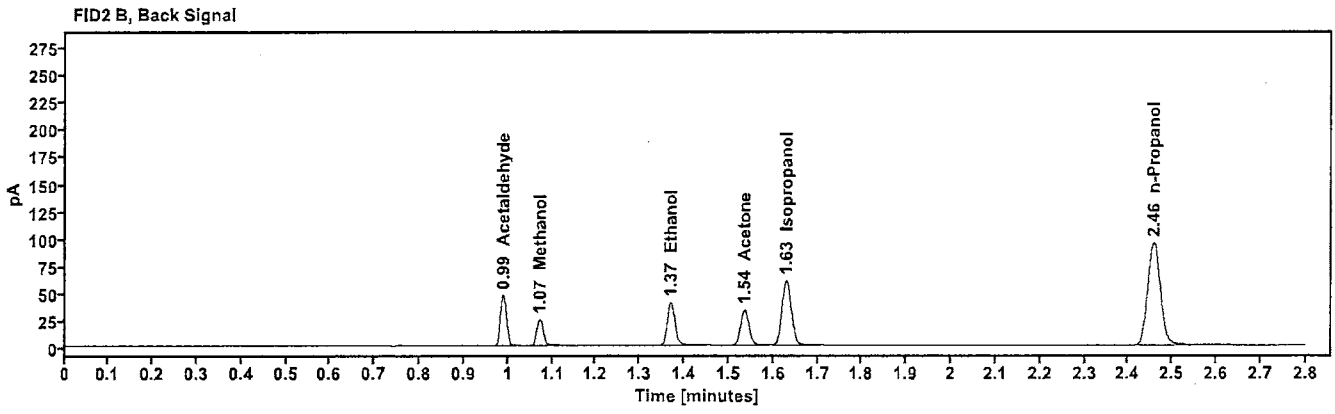
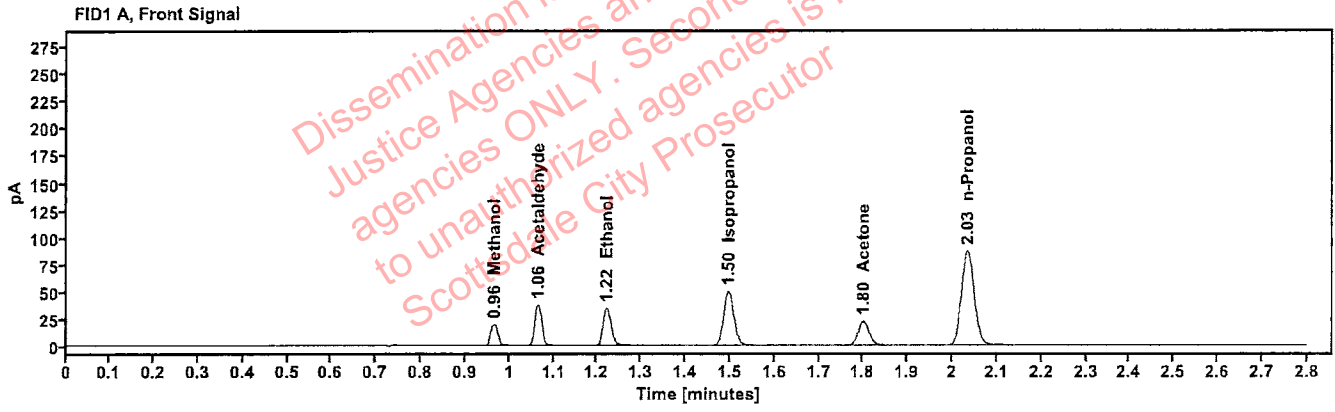


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.965	22.486
Acetaldehyde	-----	1.064	41.179
>Ethanol	0.0720	1.221	43.896
Isopropanol	-----	1.497	79.960
Acetone	-----	1.800	38.465
n-Propanol	-----	2.034	173.855

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	46.262
Methanol	1.071	25.075
Ethanol	1.369	48.079
Acetone	1.535	42.470
Isopropanol	1.630	88.366
n-Propanol	2.458	188.827

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 1:42:21 PM
Data file:	C:\Chem32\1\Data\24Sep24\7.D	Analyst:	Brooke

FB

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

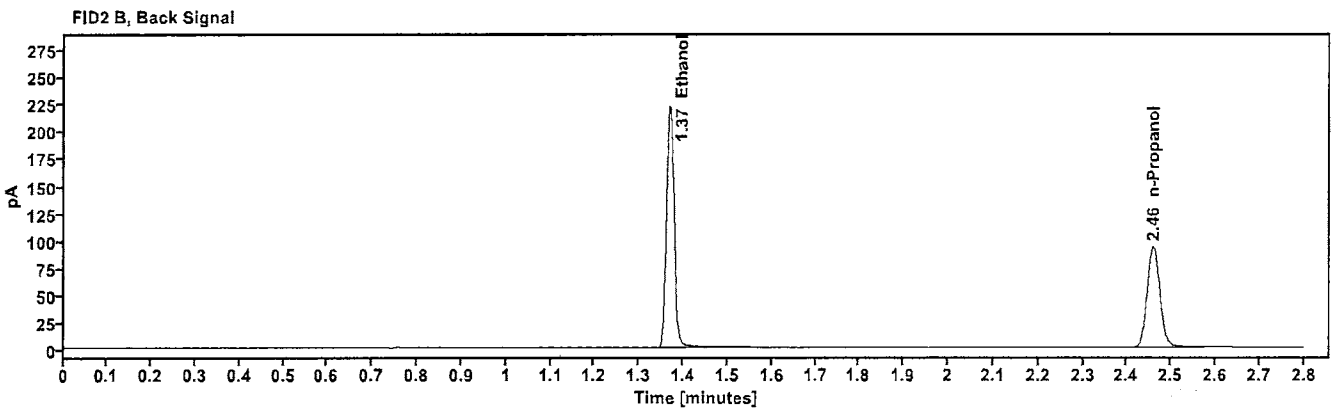
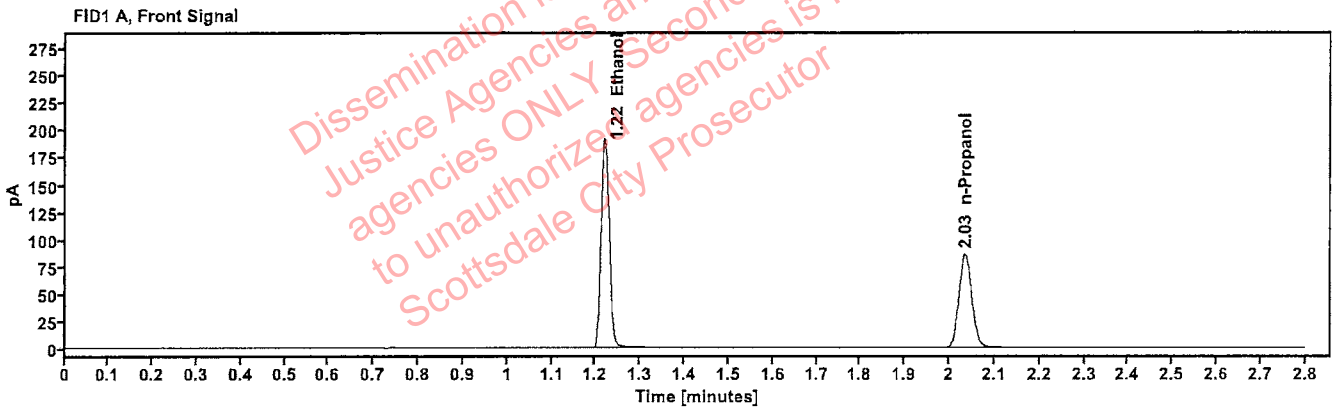


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4017	1.220	243.984
n-Propanol	-----	2.035	171.038

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

Compound	Time (min)	Peak Area
Ethanol	1.369	269.238
n-Propanol	2.460	185.639

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 518018	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 24Sep24
Instrument: US14173023 CN14160045	Injection date: 9/24/2024 1:46:21 PM
Data file: C:\Chem32\1\Data\24Sep24\8.D	Analyst: Brooke

YAB

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

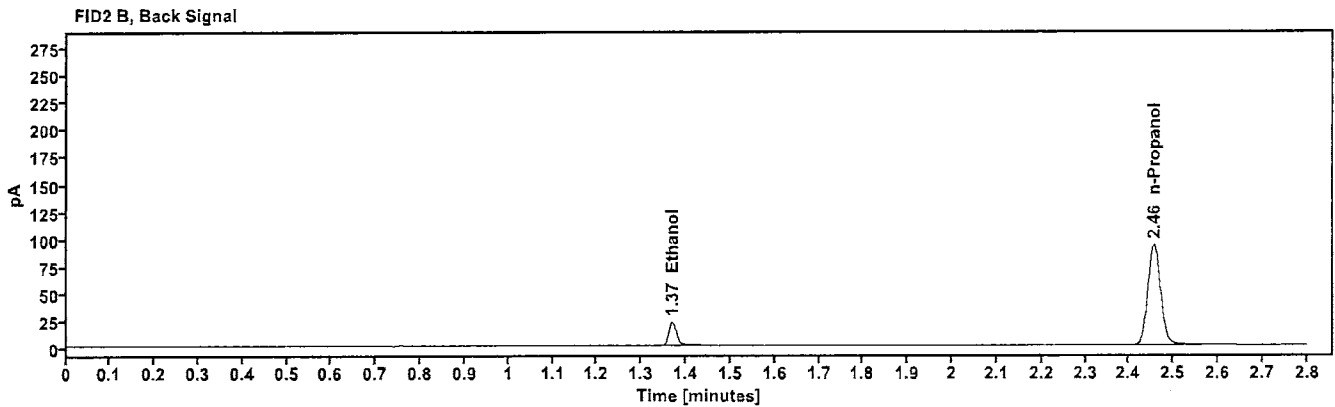
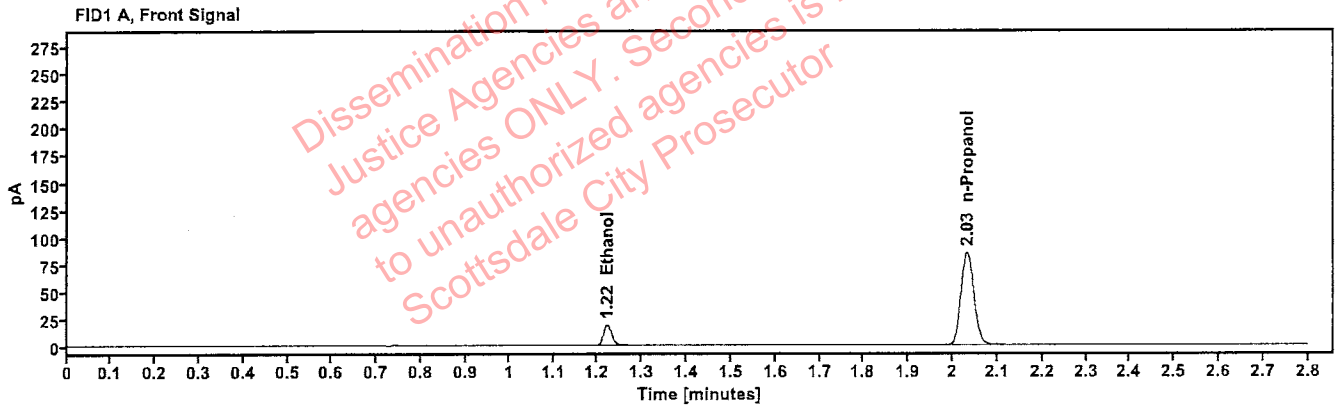


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.221	23.926
n-Propanol	-----	2.032	170.196

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

Compound	Time (min)	Peak Area
Ethanol	1.369	26.206
n-Propanol	2.456	184.626

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 24Sep24
Instrument: US14173023 CN14160045	Injection date: 9/24/2024 1:50:22 PM
Data file: C:\Chem32\1\Data\24Sep24\9.D	Analyst: Brooke

BB

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

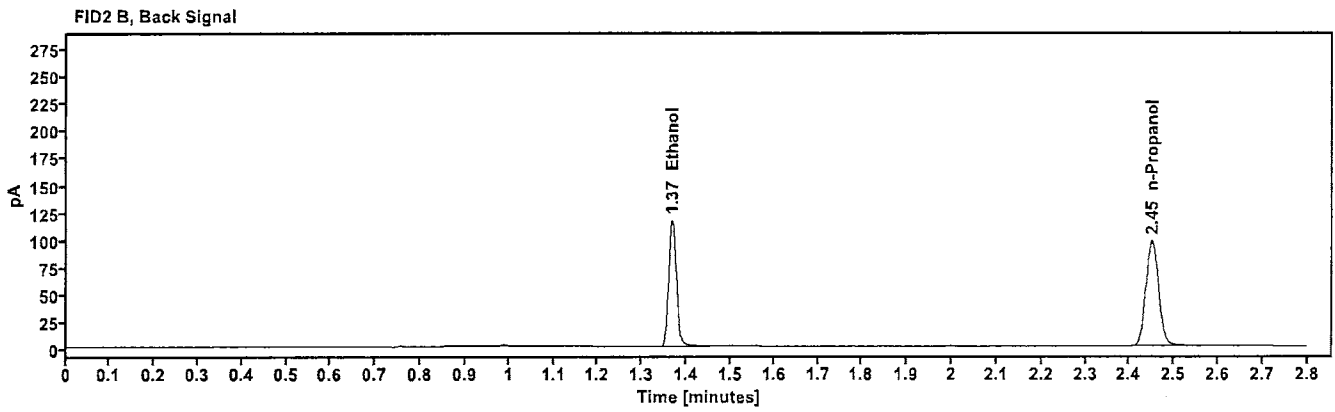
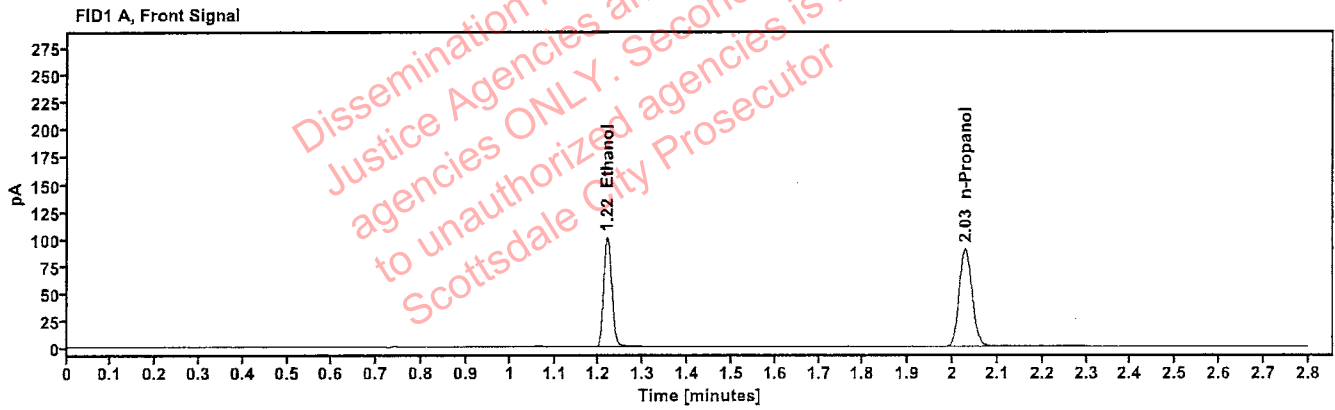


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2024	1.218	127.986
n-Propanol	---	2.028	178.576

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

Compound	Time (min)	Peak Area
Ethanol	1.367	140.431
n-Propanol	2.450	193.322

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 517758	Vial: 20
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 24Sep24
Instrument: US14173023 CN14160045	Injection date: 9/24/2024 2:34:52 PM
Data file: C:\Chem32\1\Data\24Sep24\20.D	Analyst: Brooke

YRB

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

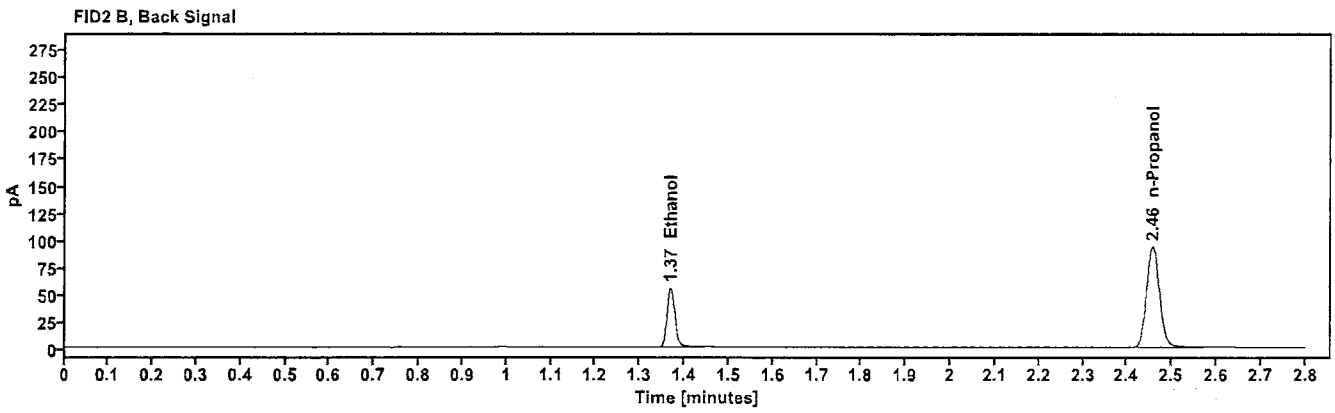
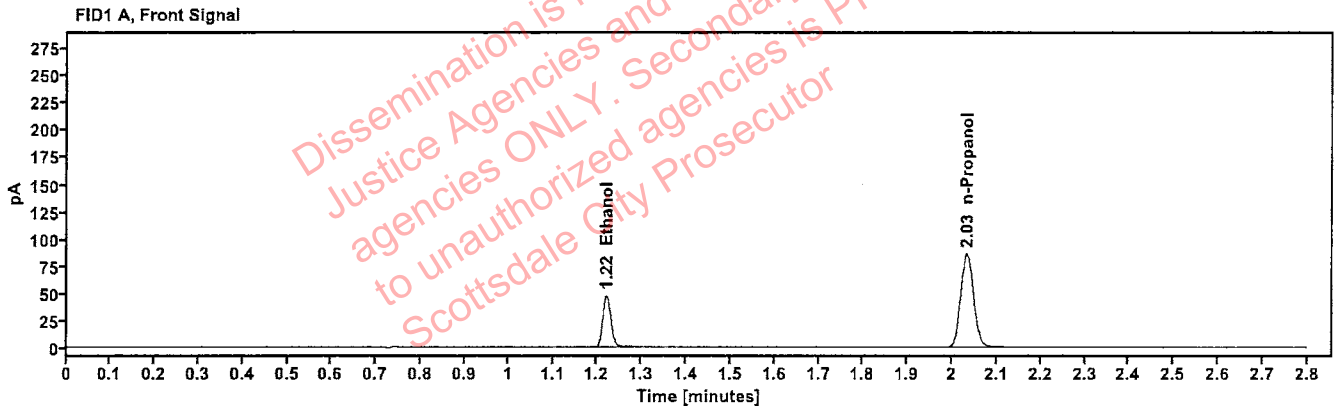


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1004	1.220	60.851
n-Propanol	---	2.033	172.006

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

Compound	Time (min)	Peak Area
Ethanol	1.368	66.634
n-Propanol	2.457	186.570

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 517758	Vial: 31
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 24Sep24
Instrument: US14173023 CN14160045	Injection date: 9/24/2024 3:19:22 PM
Data file: C:\Chem32\1\Data\24Sep24\31.D	Analyst: Brooke

YB

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

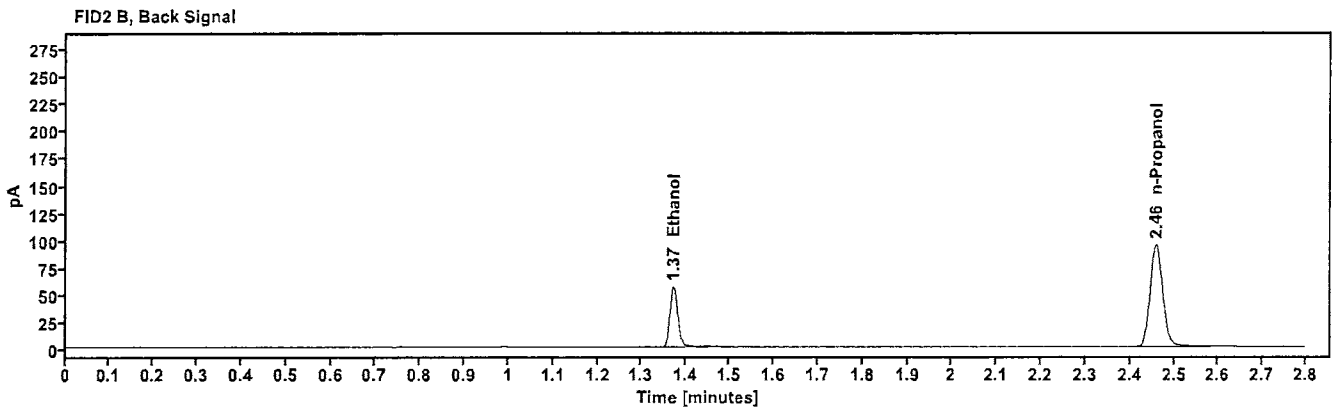
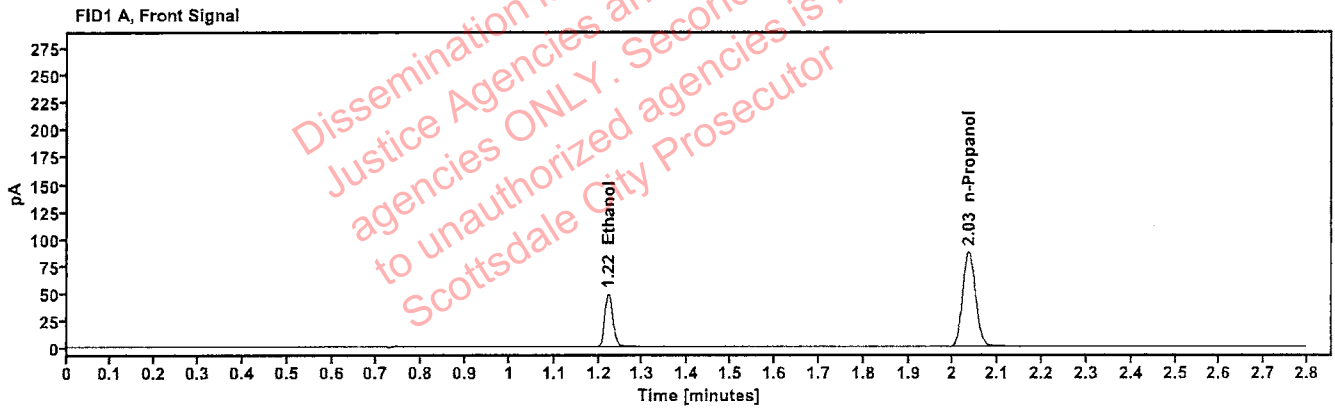


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1010	1.222	61.922
n-Propanol	-----	2.034	173.984

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

Compound	Time (min)	Peak Area
Ethanol	1.371	68.015
n-Propanol	2.460	188.777

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 12052023-B	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 24Sep24
Instrument: US14173023 CN14160045	Injection date: 9/24/2024 4:03:37 PM
Data file: C:\Chem32\1\Data\24Sep24\42.D	Analyst: Brooke

YB

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

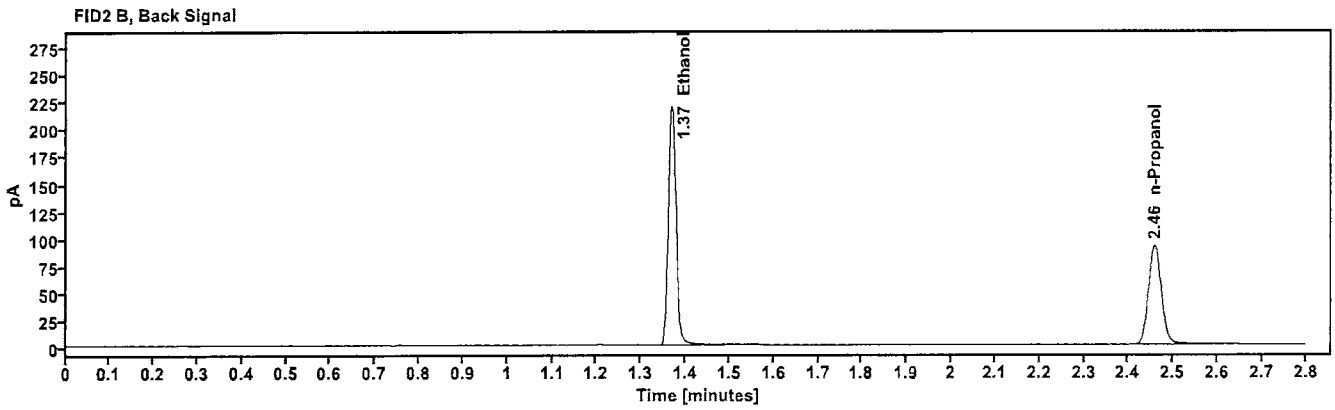
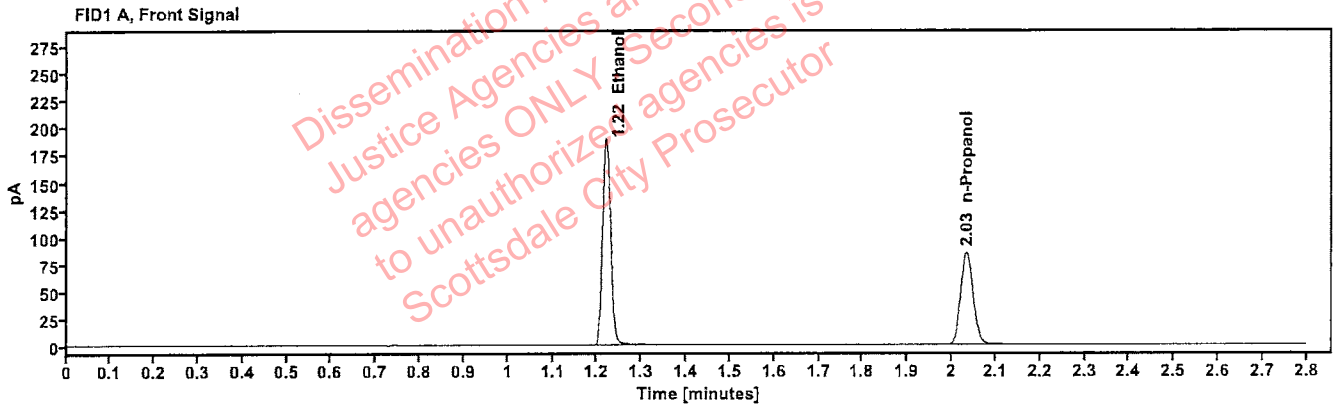


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4008	1.219	241.733
n-Propanol	-----	2.034	169.833

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

Compound	Time (min)	Peak Area
Ethanol	1.368	266.597
n-Propanol	2.458	184.110

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 4:07:52 PM
Data file:	C:\Chem32\1\Data\24Sep24\43.D	Analyst:	Brooke

YB

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

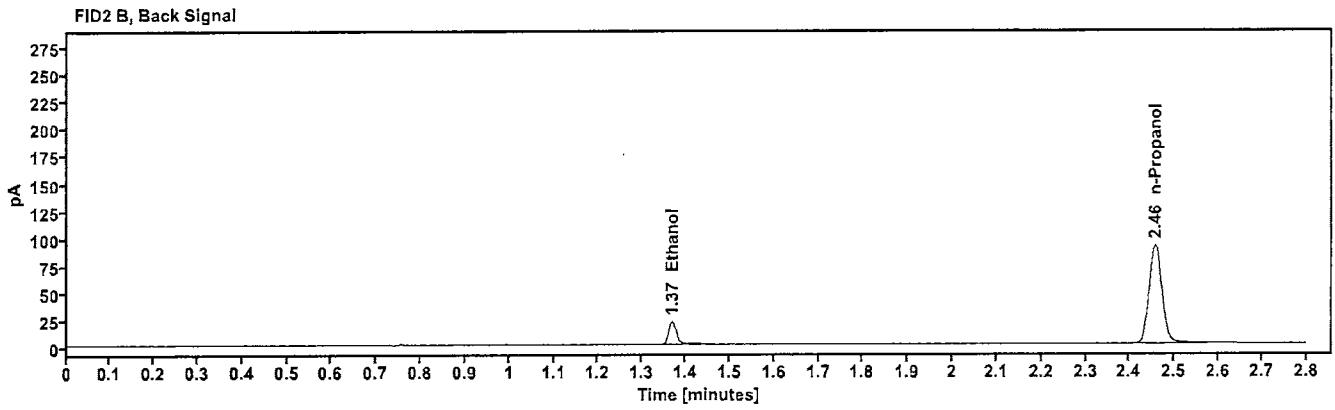
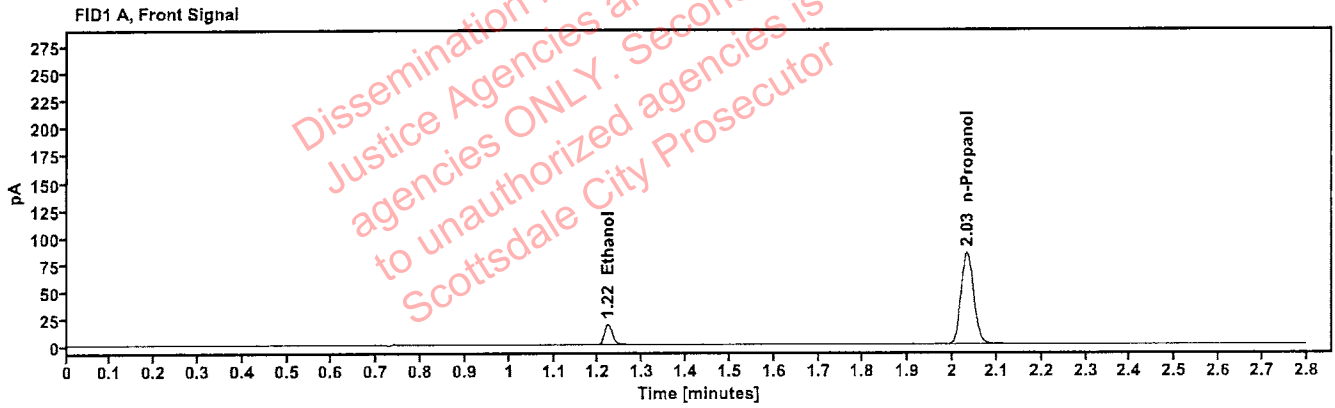


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.221	23.711
n-Propanol	---	2.033	168.291

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

Compound	Time (min)	Peak Area
Ethanol	1.369	25.969
n-Propanol	2.457	182.763

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 24Sep24
Instrument: US14173023 CN14160045	Injection date: 9/24/2024 4:11:52 PM
Data file: C:\Chem32\1\Data\24Sep24\44.D	Analyst: Brooke

193

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

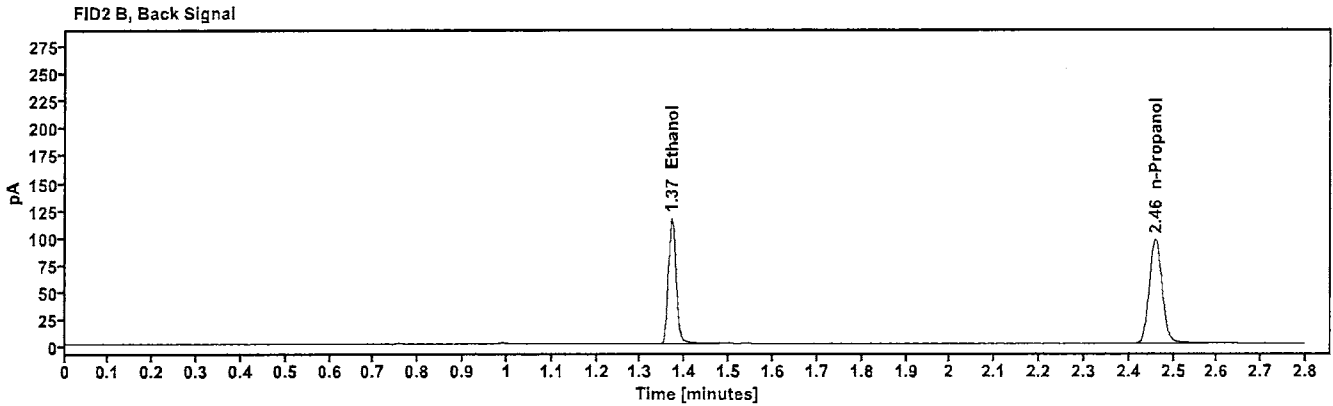
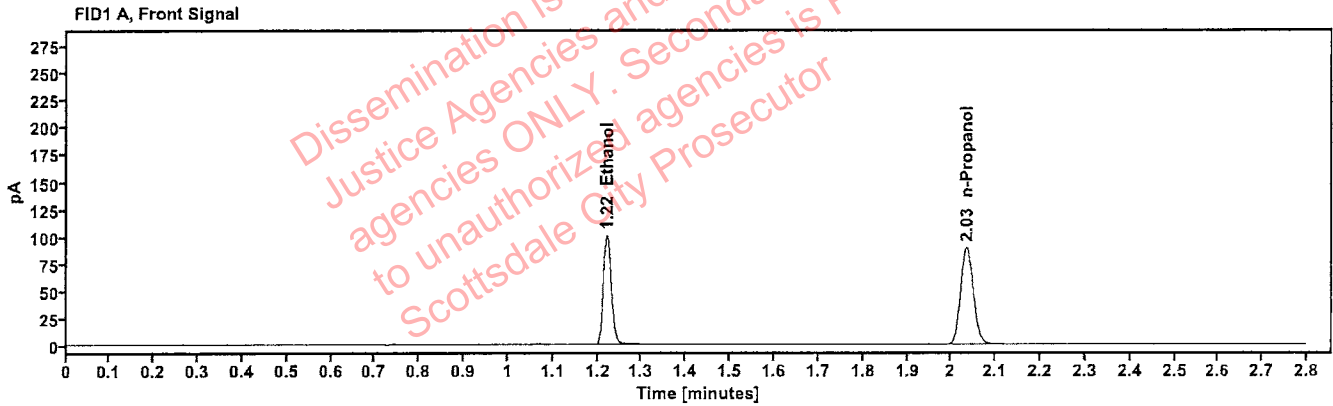


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2032	1.221	128.219
n-Propanol	-----	2.034	178.140

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

Compound	Time (min)	Peak Area
Ethanol	1.370	141.206
n-Propanol	2.459	193.282

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 090524AQ	Vial: 45
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 24Sep24
Instrument: US14173023 CN14160045	Injection date: 9/24/2024 4:15:51 PM
Data file: C:\Chem32\1\Data\24Sep24\45.D	Analyst: Brooke

BR

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

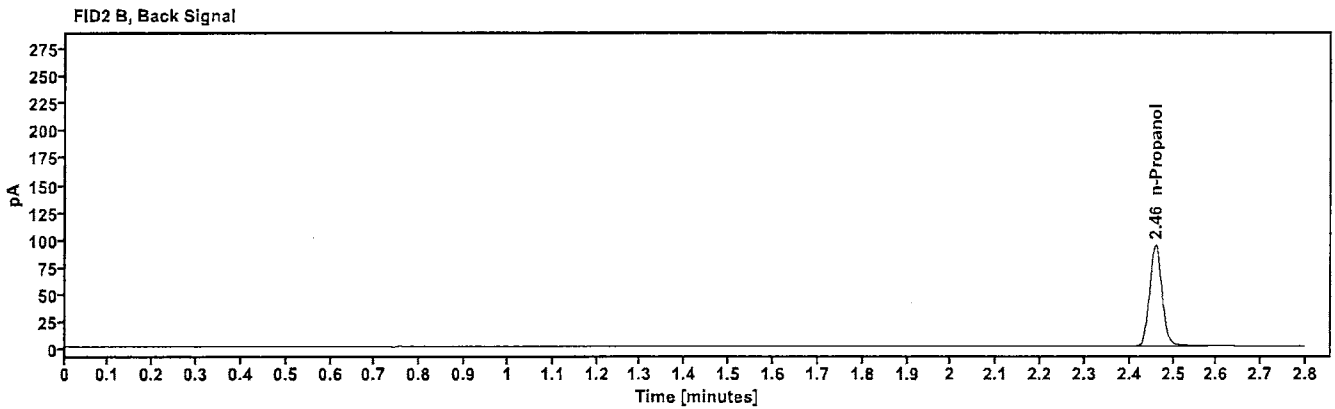
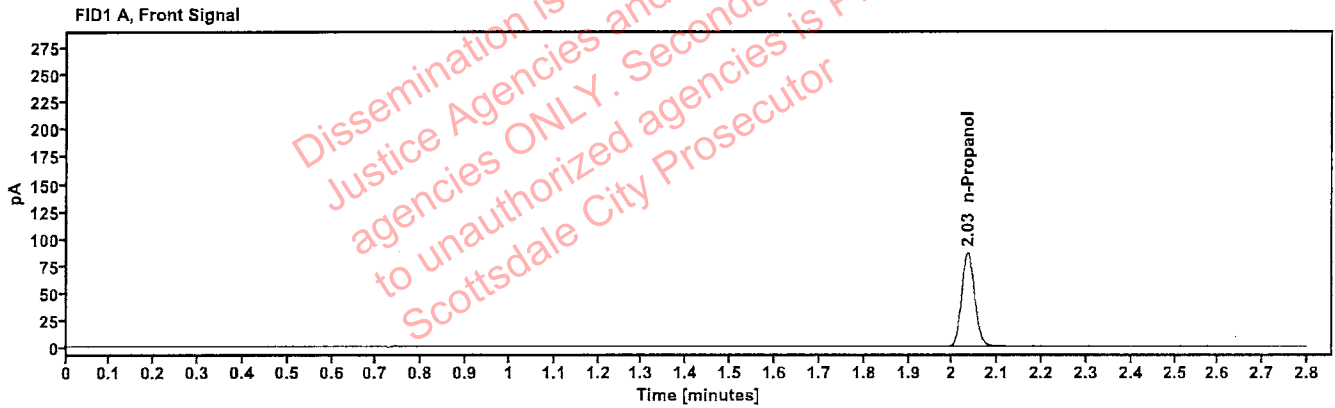


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.034	172.067

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

Compound	Time (min)	Peak Area
n-Propanol	2.459	186.767

Sequence Summary

AS

Sequence name: 24Sep24 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	050624WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	4110320133/11	0.199	Control		ethanol quant.M
10	2418087-2		Sample		ethanol quant.M
11	2418087-2		Sample		ethanol quant.M
12	2418481-2		Sample		ethanol quant.M
13	2418481-2		Sample		ethanol quant.M
14	2418658-1		Sample		ethanol quant.M
15	2418658-1		Sample		ethanol quant.M
16	2417616-3		Sample		ethanol quant.M
17	2417616-3		Sample		ethanol quant.M
18	2407718-2		Sample		ethanol quant.M
19	2407718-2		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2418824-2		Sample		ethanol quant.M
22	2418824-2		Sample		ethanol quant.M
23	2415473-1		Sample		ethanol quant.M
24	2415473-1		Sample		ethanol quant.M
25	2418966-3		Sample		ethanol quant.M
26	2418966-3		Sample		ethanol quant.M
27	2418990-2		Sample		ethanol quant.M
28	2418990-2		Sample		ethanol quant.M
29	2419082-2		Sample		ethanol quant.M
30	2419082-2		Sample		ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2419124-2		Sample		ethanol quant.M
33	2419124-2		Sample		ethanol quant.M
34	430-01H.G.		Sample		ethanol quant.M
35	430-01H.G.		Sample		ethanol quant.M
36	402-1J.D.		Sample		ethanol quant.M
37	402-1J.D.		Sample		ethanol quant.M
38	419-01K.M.		Sample		ethanol quant.M
39	419-01K.M.		Sample		ethanol quant.M
40	429-01T.J.		Sample		ethanol quant.M
41	429-01T.J.		Sample		ethanol quant.M
42	12052023-B	0.400	Control		ethanol quant.M
43	518018	0.040	Control		ethanol quant.M
44	4110320133/11	0.199	Control		ethanol quant.M
45	090524AQ	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

TRB

SEQUENCE NAME: 24Sep24

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0967	0.0962	0.09645	0.26	0.00025
12 13	0.1687	0.1710	0.16985	0.68	0.00115
14 15	0.0896	0.0895	0.08955	0.06	0.00005
16 17	0.1538	0.1539	0.15385	0.03	0.00005
18 19	0.3736	0.3748	0.37420	0.16	0.00060
21 22	0.1099	0.1111	0.11050	0.54	0.00060
23 24	0.2526	0.2540	0.25330	0.28	0.00070
25 26	0.2008	0.2004	0.20060	0.10	0.00020
27 28	0.2437	0.2424	0.24305	0.27	0.00065
29 30	0.0000	0.0000	0.00000	0.00	0.00000
32 33	0.3353	0.3368	0.33605	0.22	0.00075
34 35	0.1386	0.1374	0.13800	0.43	0.00060
36 37	0.1823	0.1797	0.18100	0.72	0.00130
38 39	0.1115	0.1116	0.11155	0.04	0.00005
40 41	0.1590	0.1605	0.15975	0.47	0.00075

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418087-2	Vial:	10
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 1:54:21 PM
Data file:	C:\Chem32\1\Data\24Sep24\10.D	Analyst:	Brooke

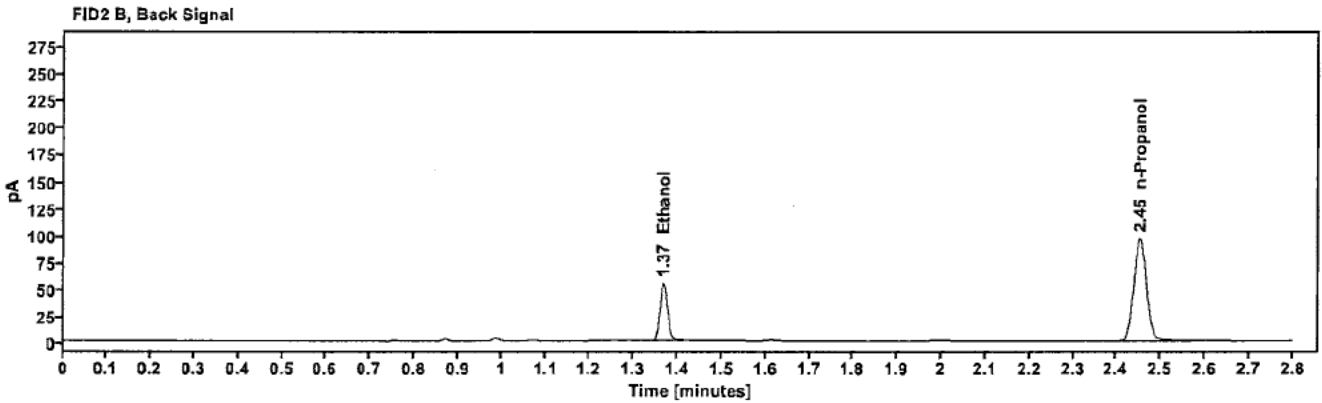
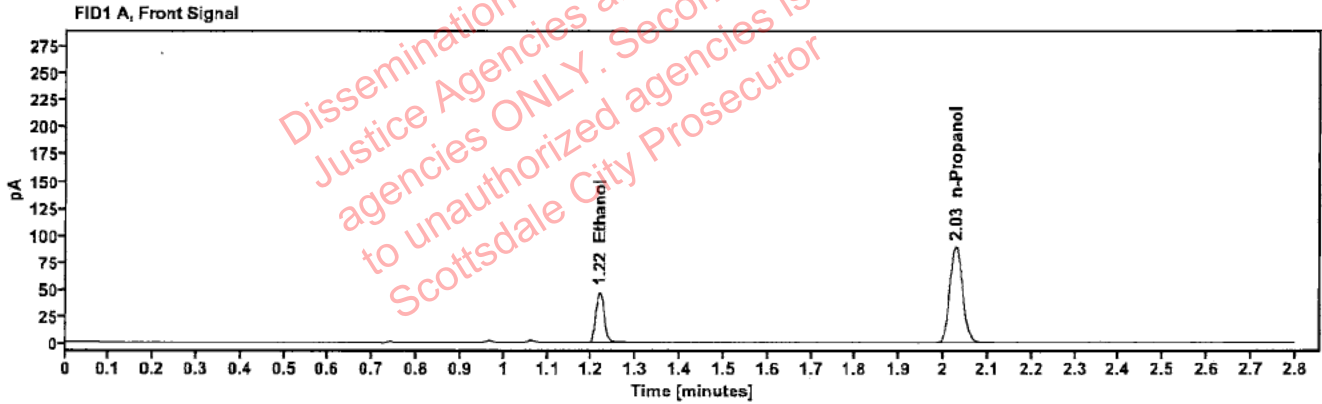


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0967	1.218	60.509
n-Propanol	---	2.028	177.631

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

Compound	Time (min)	Peak Area
Ethanol	1.367	66.366
n-Propanol	2.452	193.206

[REDACTED]: Brooke, Phillip - (25-Sep-2024)

Case: [REDACTED] User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418087-2	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 1:58:21 PM
Data file:	C:\Chem32\1\Data\24Sep24\11.D	Analyst:	Brooke

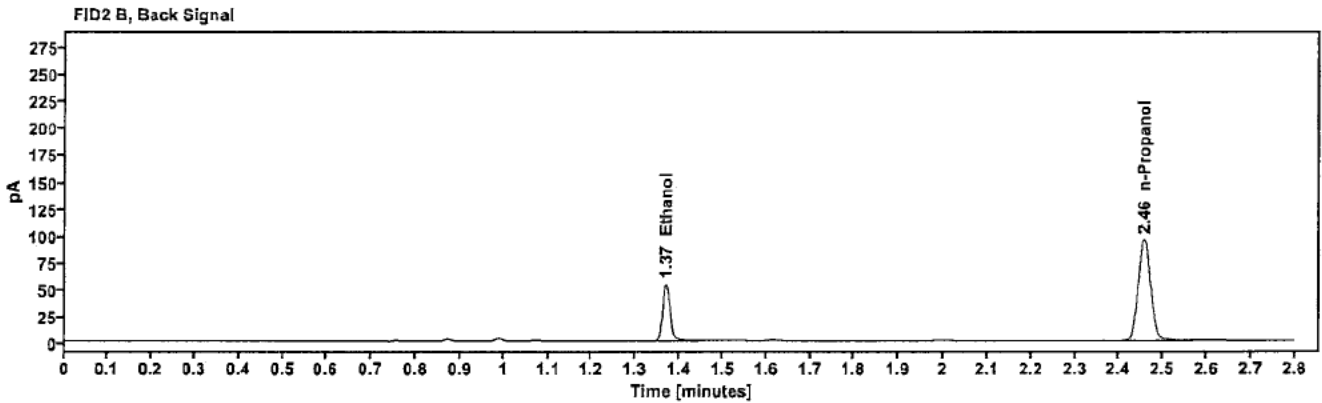
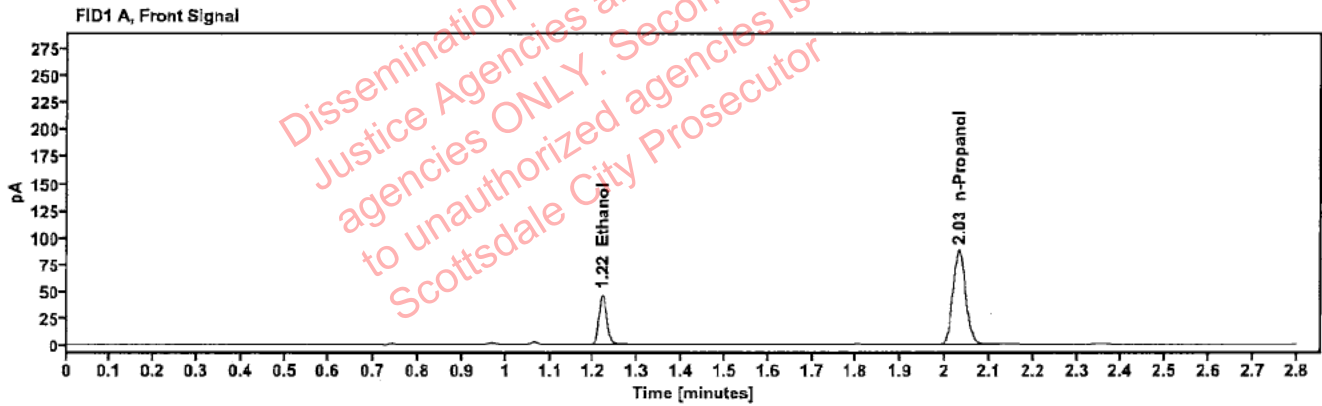


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0962	1.220	59.078
n-Propanol	—	2.032	174.434

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

Compound	Time (min)	Peak Area
Ethanol	1.369	64.757
n-Propanol	2.456	189.616

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418481-2	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:02:21 PM
Data file:	C:\Chem32\1\Data\24Sep24\12.D	Analyst:	Brooke

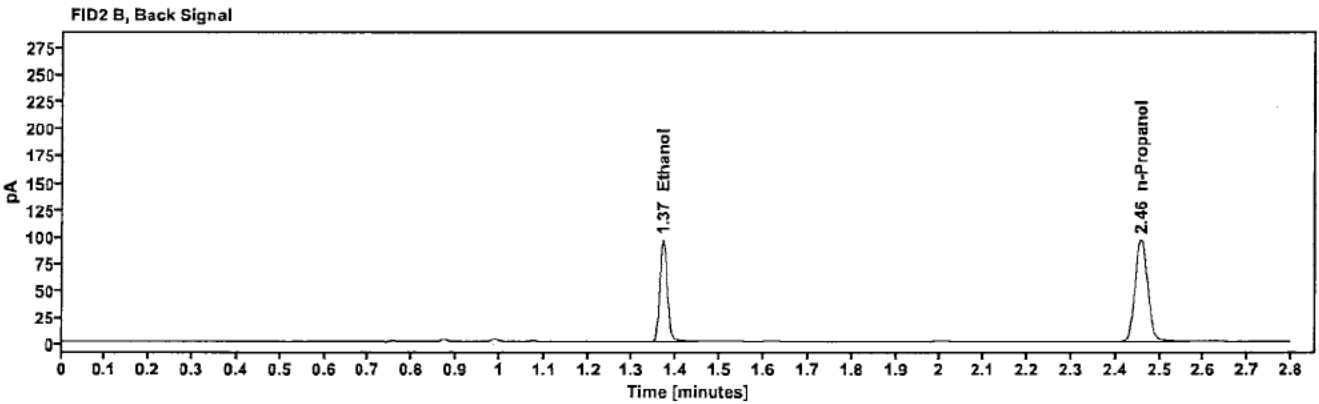
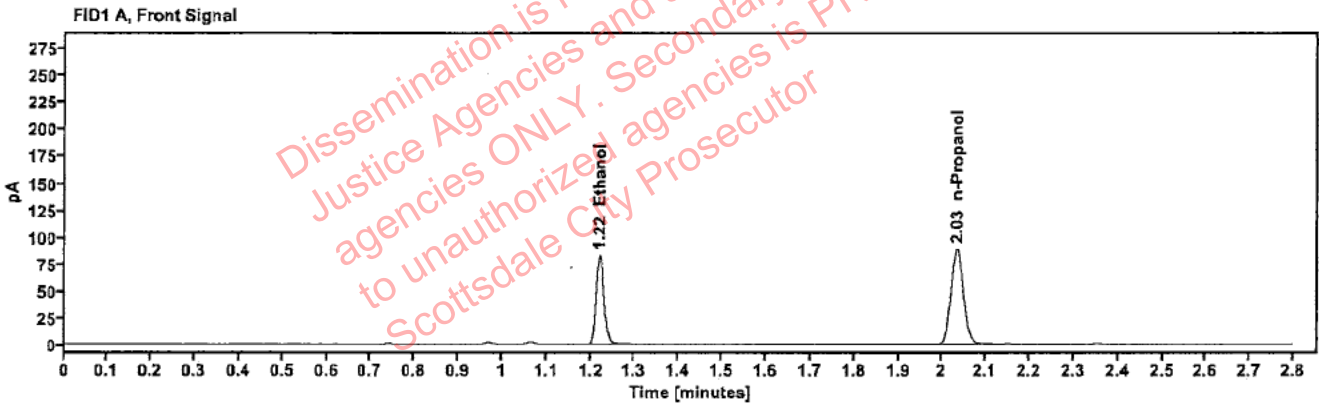


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1687	1.220	105.048
n-Propanol	-----	2.033	176.031

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

Compound	Time (min)	Peak Area
Ethanol	1.369	115.191
n-Propanol	2.458	190.966

[REDACTED]: Brooke, Phillip - (25-Sep-2024)

Case: [REDACTED] User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418481-2	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:06:37 PM
Data file:	C:\Chem32\1\Data\24Sep24\13.D	Analyst:	Brooke

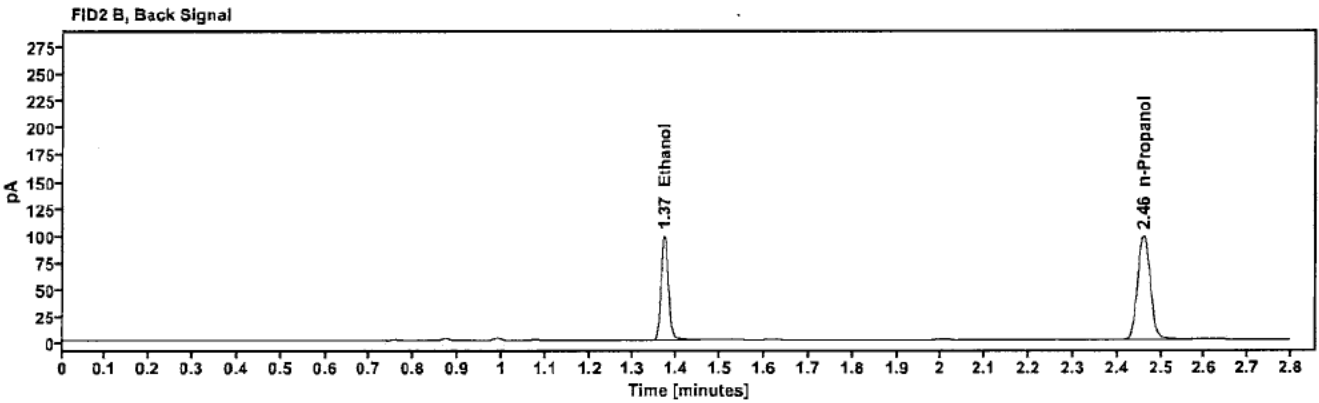
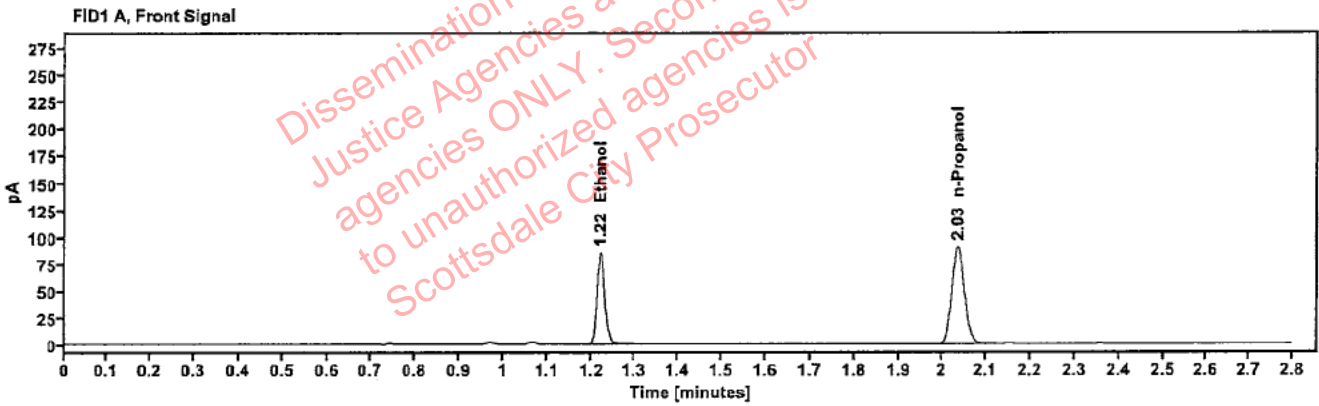


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1710	1.221	108.976
n-Propanol	—	2.035	180.155

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

Compound	Time (min)	Peak Area
Ethanol	1.371	119.662
n-Propanol	2.460	195.365

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418658-1	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:10:37 PM
Data file:	C:\Chem32\1\Data\24Sep24\14.D	Analyst:	Brooke

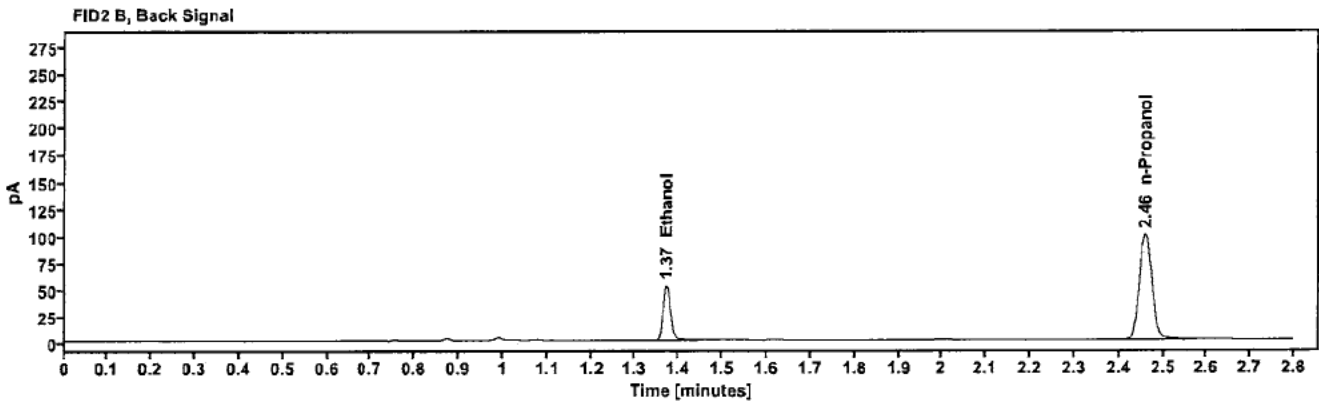
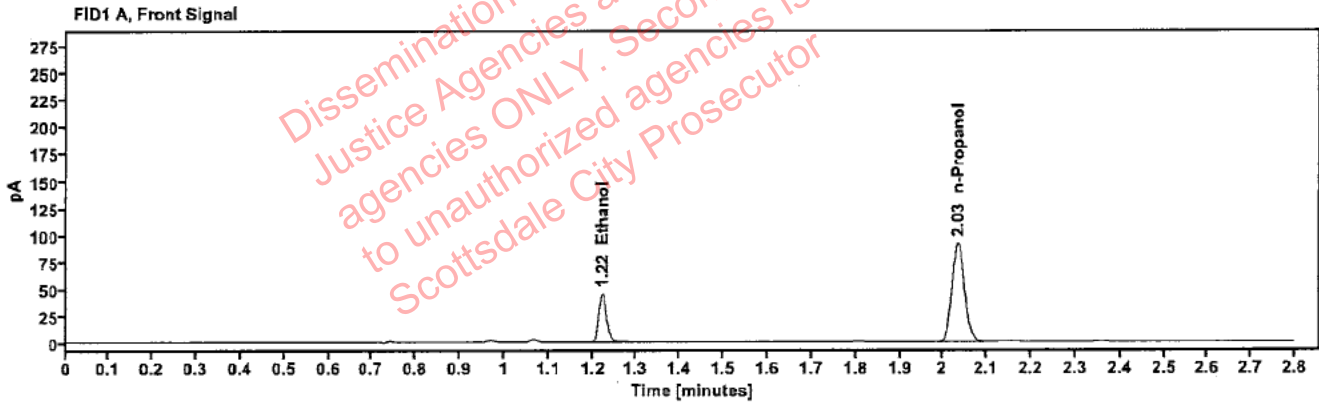


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0896	1.222	57.645
n-Propanol	---	2.034	182.844

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

Compound	Time (min)	Peak Area
Ethanol	1.371	63.054
n-Propanol	2.460	198.617

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418658-1	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:14:37 PM
Data file:	C:\Chem32\1\Data\24Sep24\15.D	Analyst:	Brooke

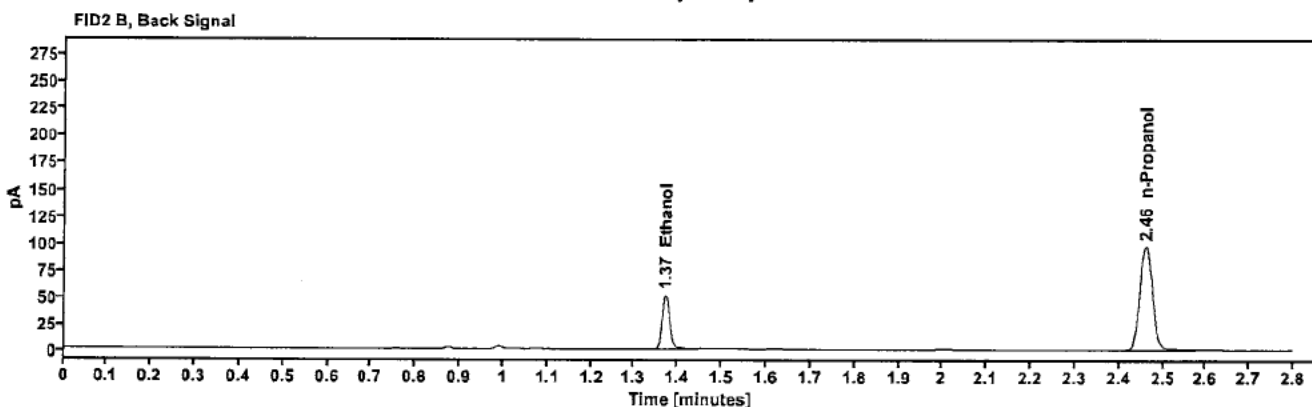
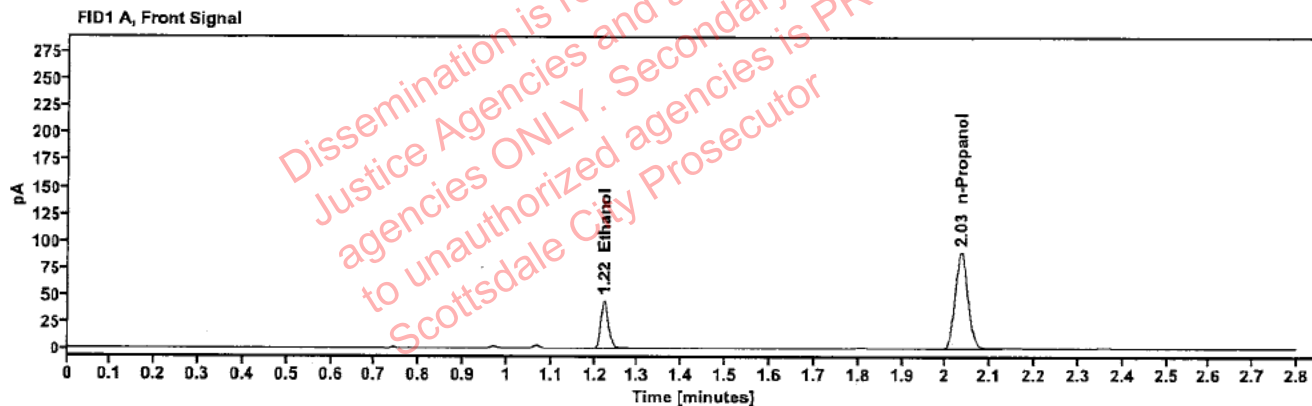


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0895	1.222	56.592
n-Propanol	---	2.035	179.649

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

Compound	Time (min)	Peak Area
Ethanol	1.371	61.957
n-Propanol	2.460	195.098

Case: [REDACTED] : Brooke, Phillip - (25-Sep-2024)

User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2417616-3	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:18:36 PM
Data file:	C:\Chem32\1\Data\24Sep24\16.D	Analyst:	Brooke

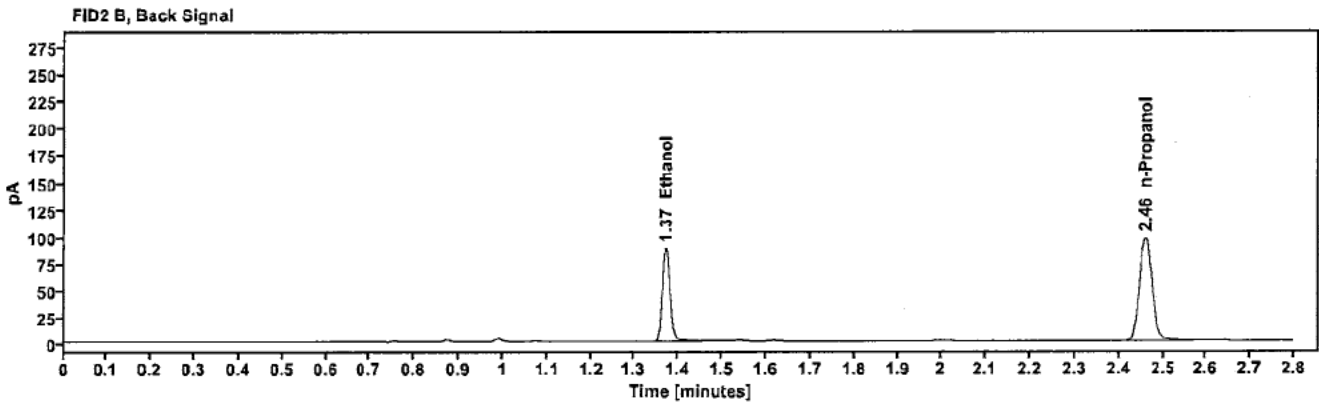
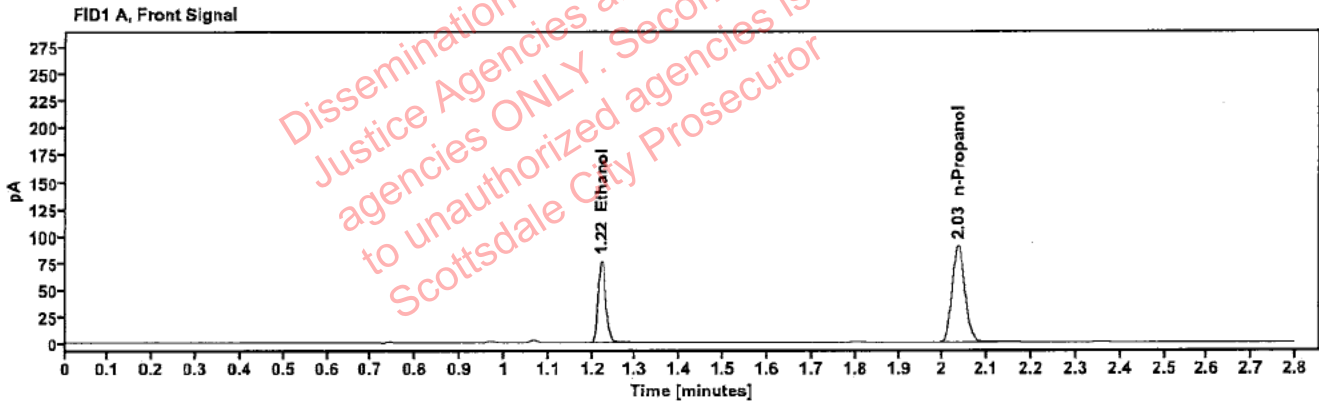


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1538	1.222	97.573
n-Propanol	---	2.035	179.465

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

Compound	Time (min)	Peak Area
Ethanol	1.371	107.064
n-Propanol	2.460	194.656

Case: [REDACTED] : Brooke, Phillip - (25-Sep-2024)

User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2417616-3	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:22:36 PM
Data file:	C:\Chem32\1\Data\24Sep24\17.D	Analyst:	Brooke

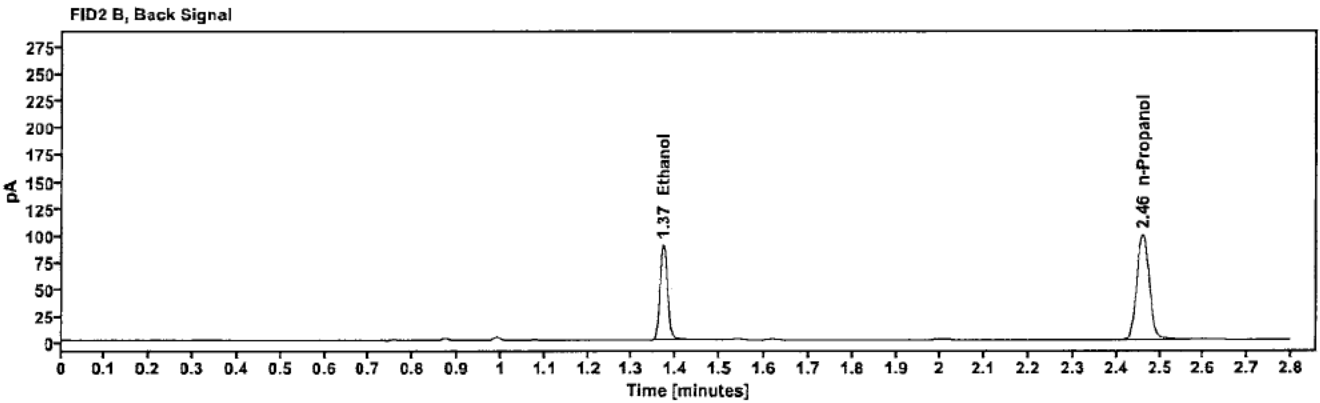
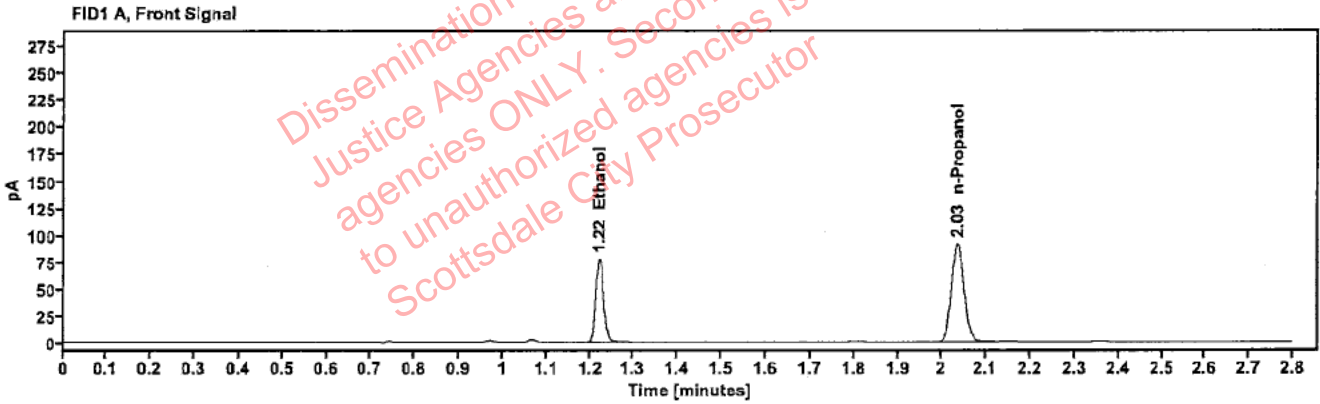


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1539	1.221	99.060
n-Propanol	---	2.035	182.078

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

Compound	Time (min)	Peak Area
Ethanol	1.371	108.484
n-Propanol	2.460	197.446

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2407718-2	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:26:37 PM
Data file:	C:\Chem32\1\Data\24Sep24\18.D	Analyst:	Brooke

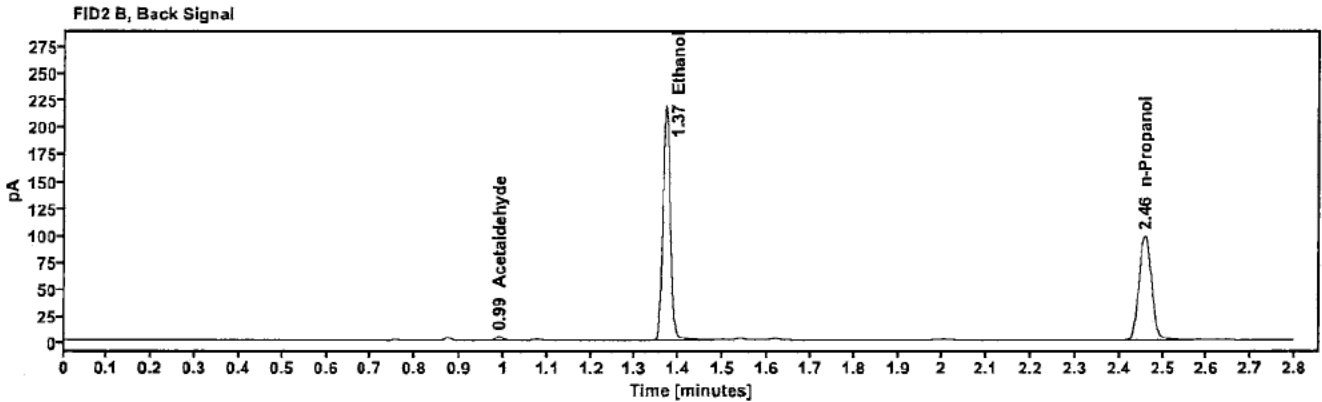
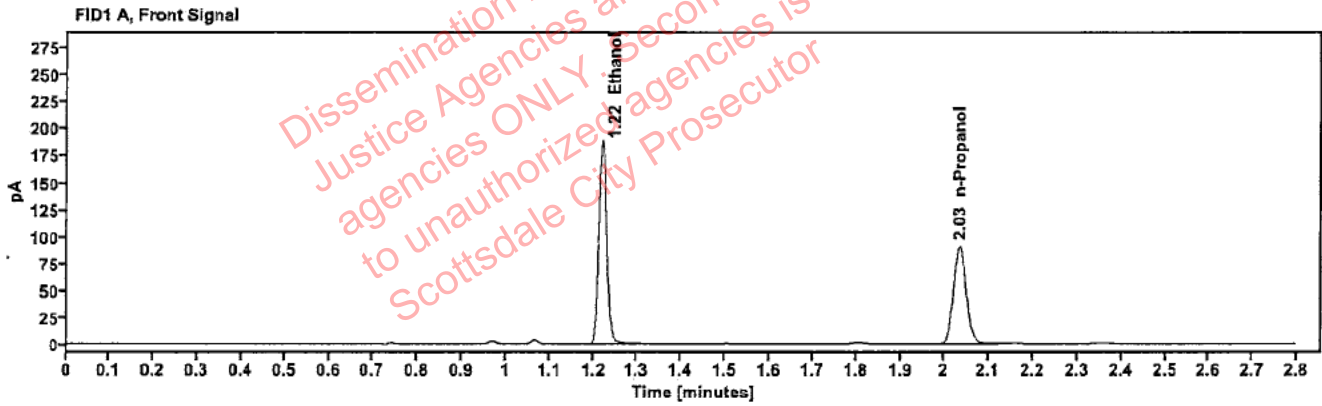


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3736	1.220	240.951
n-Propanol	---	2.034	181.639

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	4.133
Ethanol	1.370	266.679
n-Propanol	2.459	196.263

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2407718-2	Vial:	19
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:30:51 PM
Data file:	C:\Chem32\1\Data\24Sep24\19.D	Analyst:	Brooke

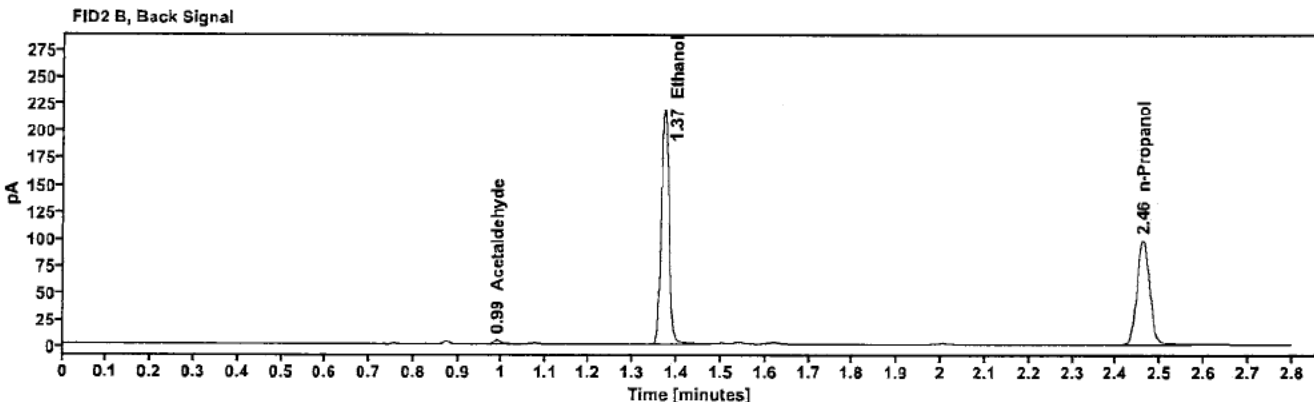
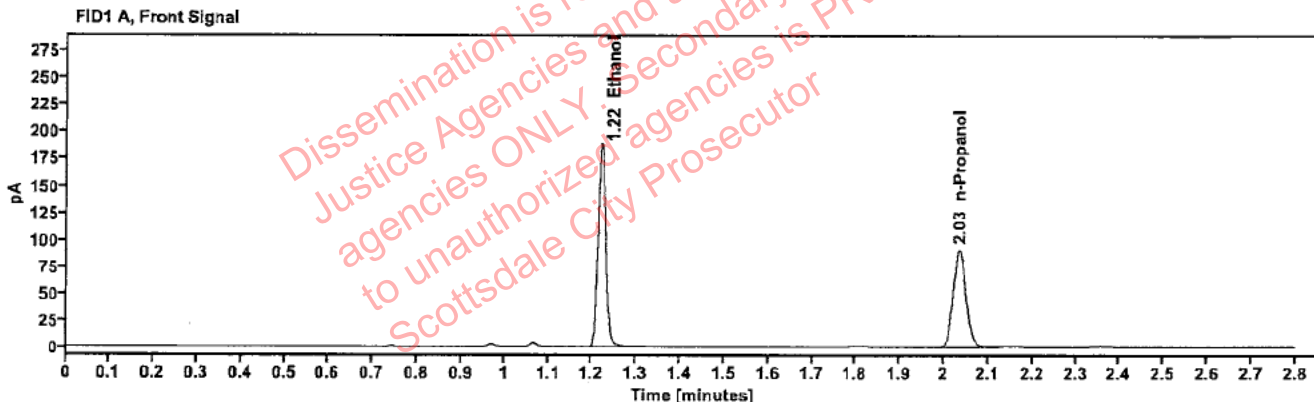


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3748	1.221	241.500
n-Propanol	---	2.035	181.506

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	4.170
Ethanol	1.371	267.388
n-Propanol	2.460	196.209

[REDACTED]: Brooke, Phillip - (25-Sep-2024)

Case: [REDACTED] User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418824-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:38:52 PM
Data file:	C:\Chem32\1\Data\24Sep24\21.D	Analyst:	Brooke

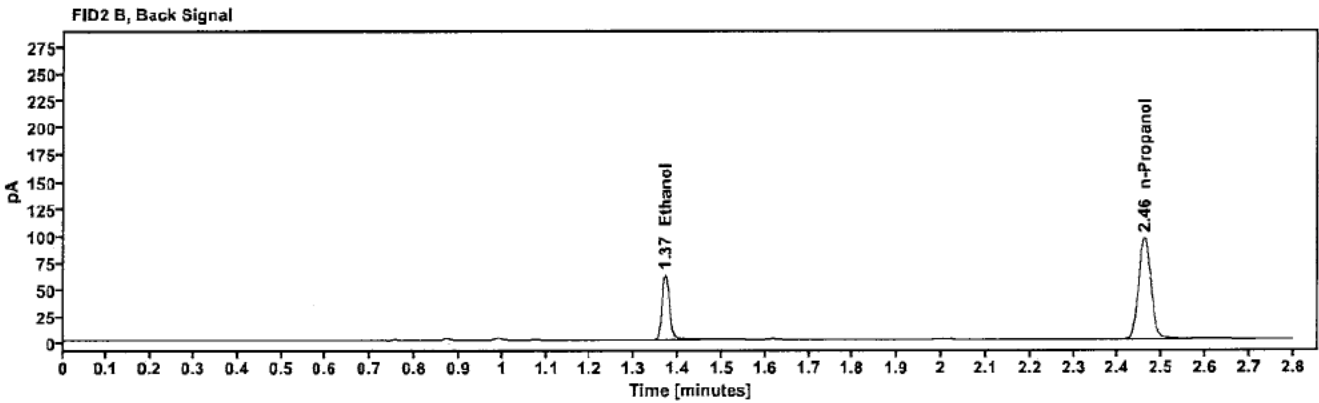
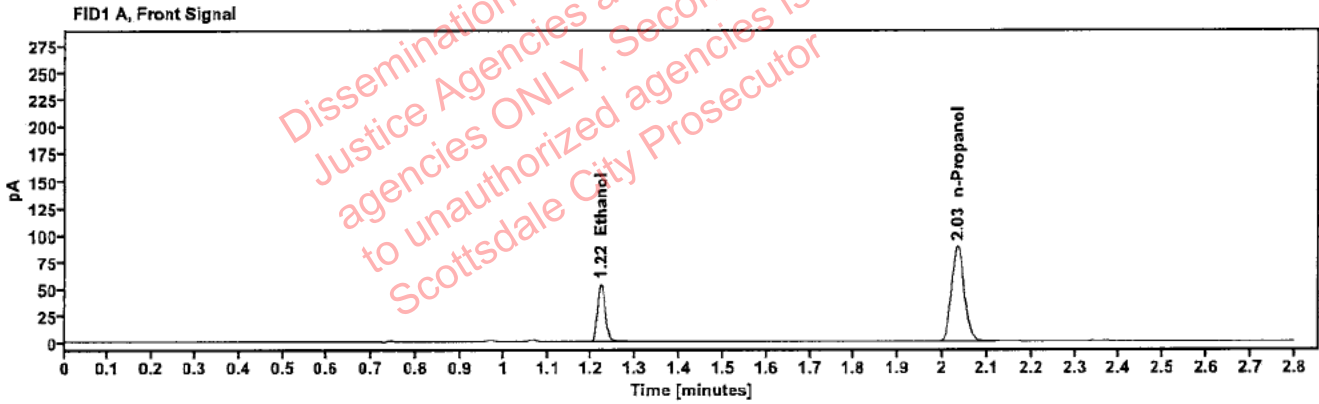


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1099	1.221	67.866
n-Propanol	---	2.034	175.149

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

Compound	Time (min)	Peak Area
Ethanol	1.371	74.381
n-Propanol	2.460	190.216

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418824-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:42:52 PM
Data file:	C:\Chem32\1\Data\24Sep24\22.D	Analyst:	Brooke

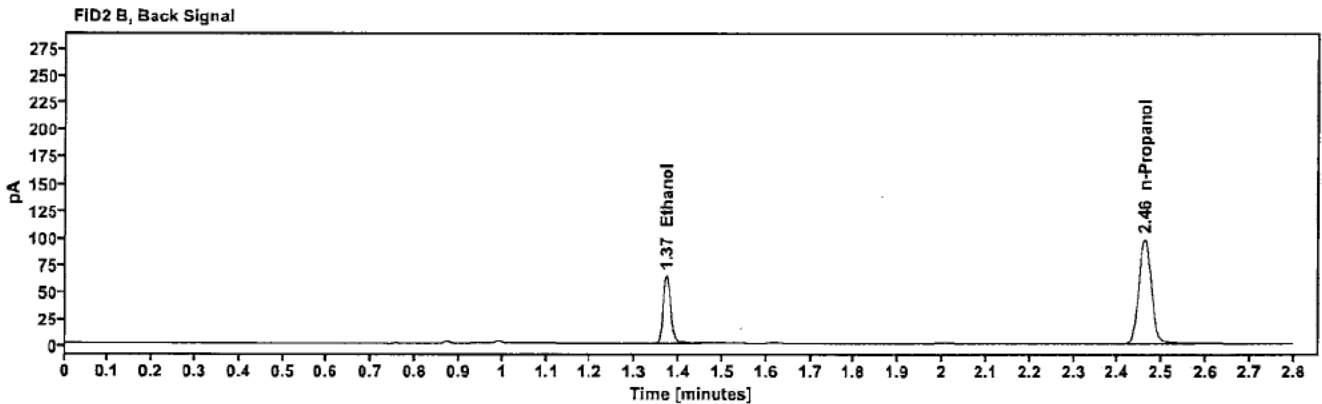
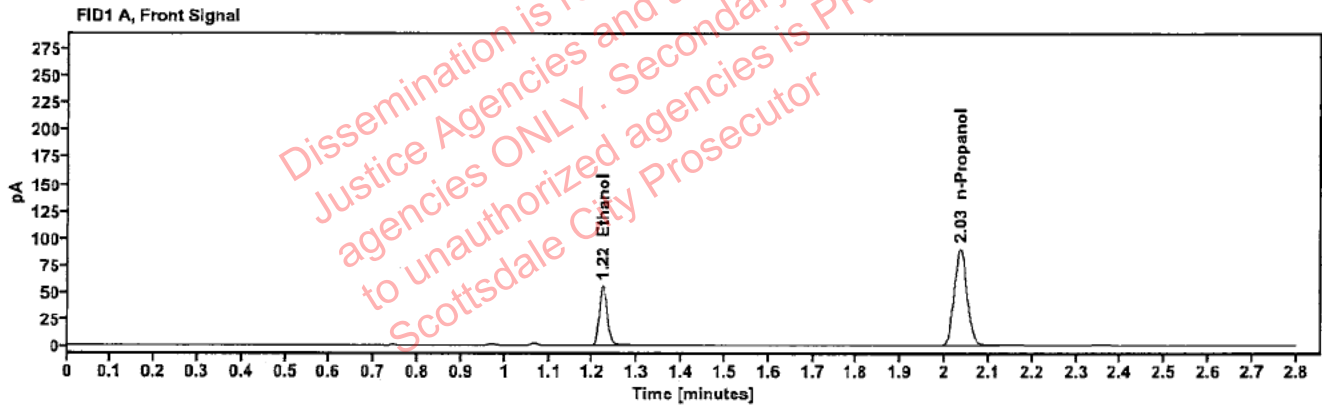


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1111	1.222	70.588
n-Propanol	---	2.035	180.179

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

Compound	Time (min)	Peak Area
Ethanol	1.371	77.311
n-Propanol	2.460	195.763

Brooke, Phillip - (25-Sep-2024)

Case: [REDACTED] User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415473-1	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:46:52 PM
Data file:	C:\Chem32\1\Data\24Sep24\23.D	Analyst:	Brooke

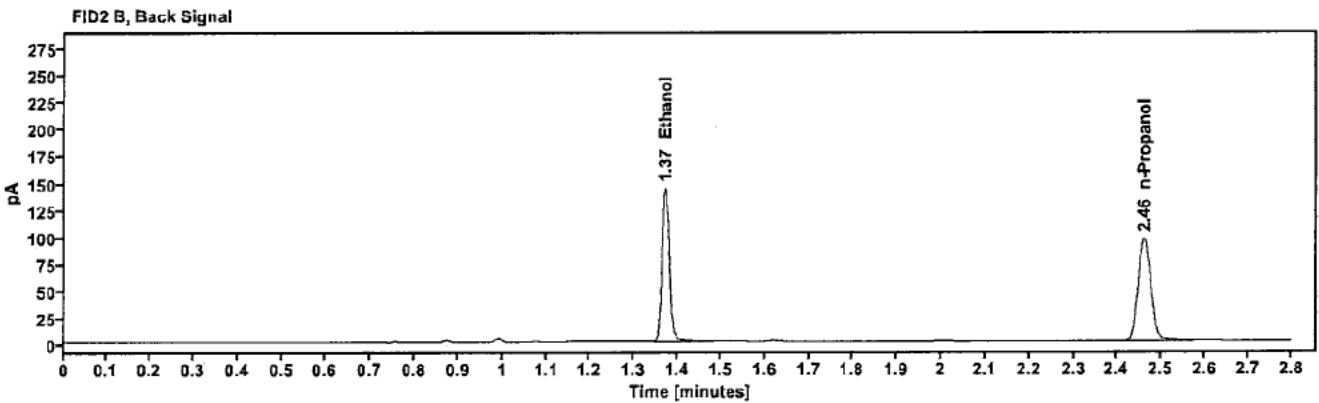
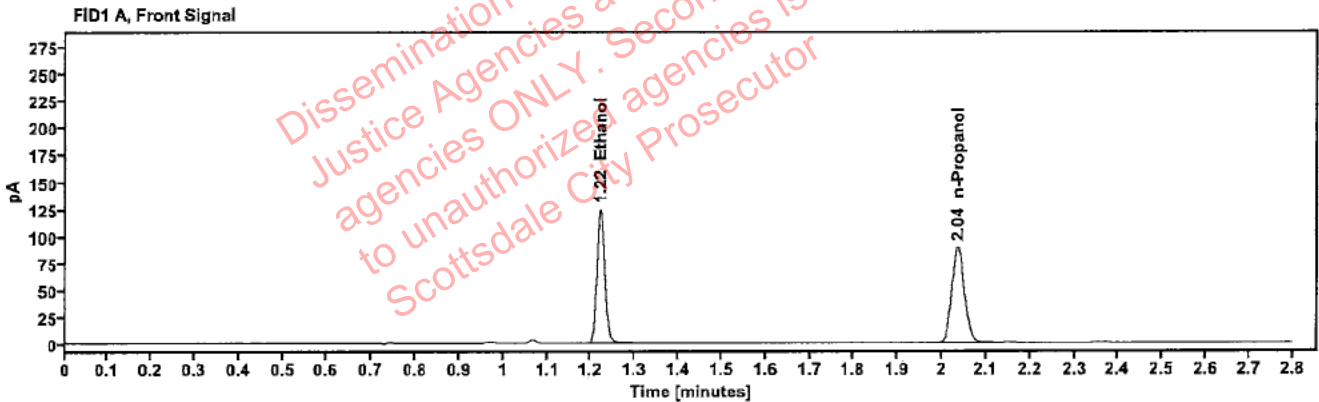


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2526	1.221	158.812
n-Propanol	—	2.036	177.333

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

Compound	Time (min)	Peak Area
Ethanol	1.371	175.599
n-Propanol	2.461	192.499

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2415473-1	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:50:52 PM
Data file:	C:\Chem32\1\Data\24Sep24\24.D	Analyst:	Brooke

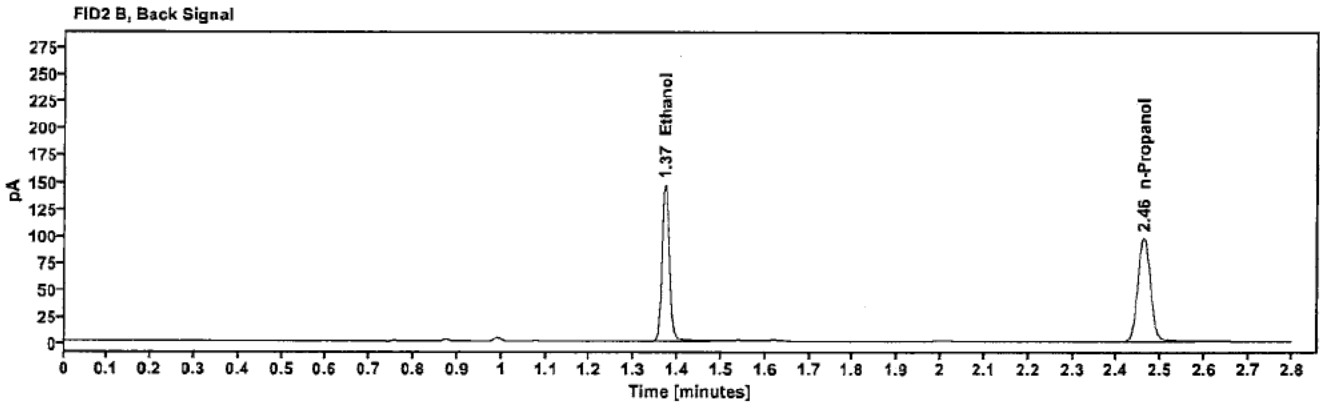
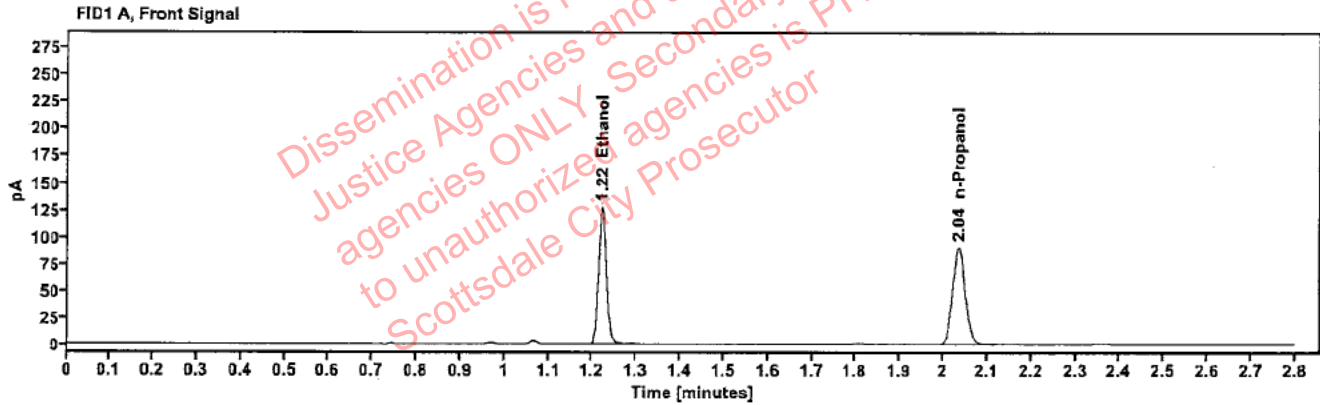


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2540	1.221	162.411
n-Propanol	---	2.035	180.313

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

Compound	Time (min)	Peak Area
Ethanol	1.371	180.044
n-Propanol	2.461	196.017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418966-3	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:55:07 PM
Data file:	C:\Chem32\1\Data\24Sep24\25.D	Analyst:	Brooke

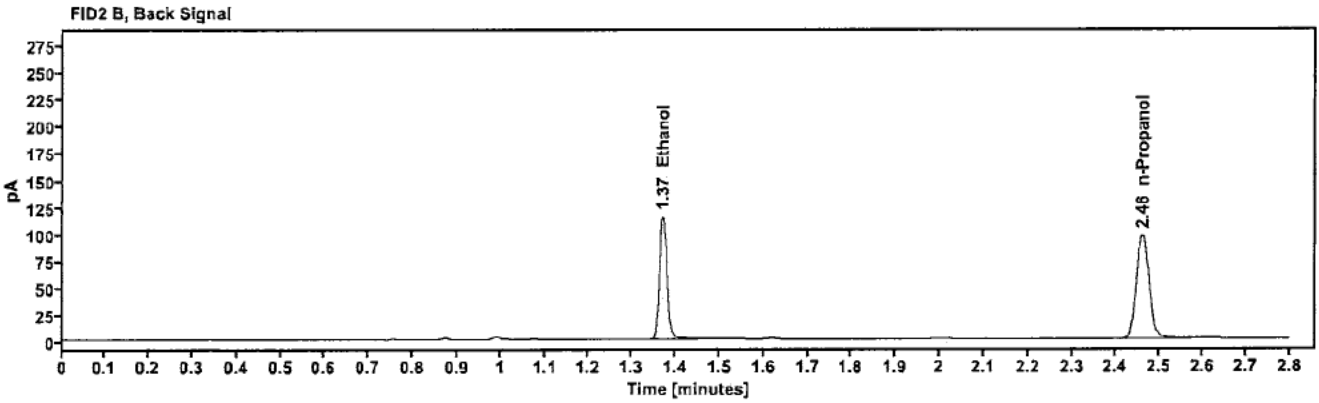
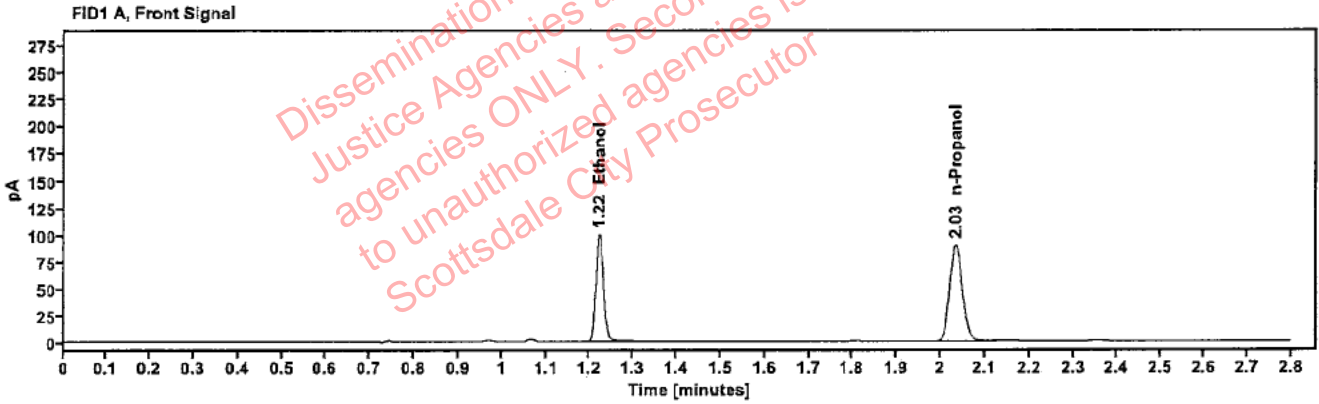


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2008	1.221	127.648
n-Propanol	—	2.035	179.519

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

Compound	Time (min)	Peak Area
Ethanol	1.370	140.219
n-Propanol	2.460	195.098

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418966-3	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 2:59:06 PM
Data file:	C:\Chem32\1\Data\24Sep24\26.D	Analyst:	Brooke

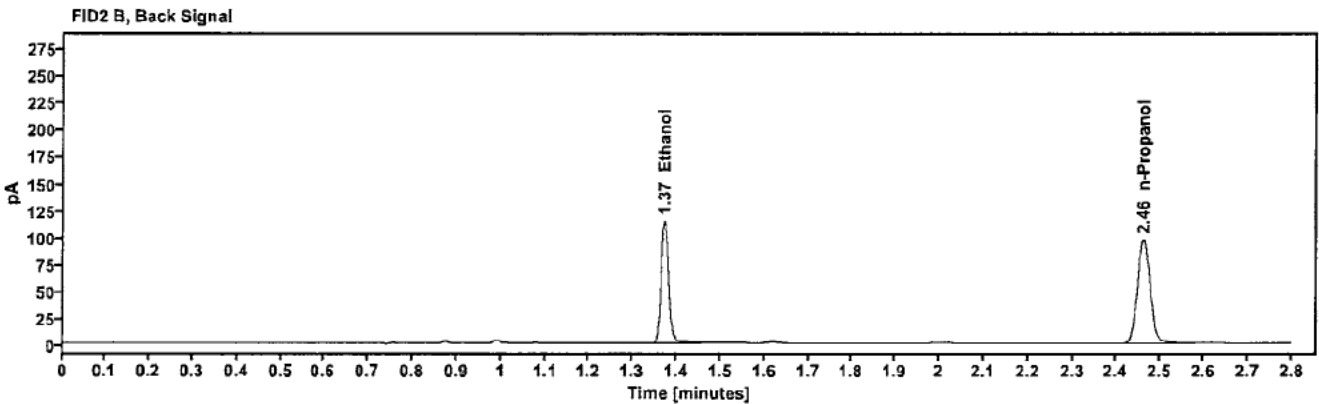
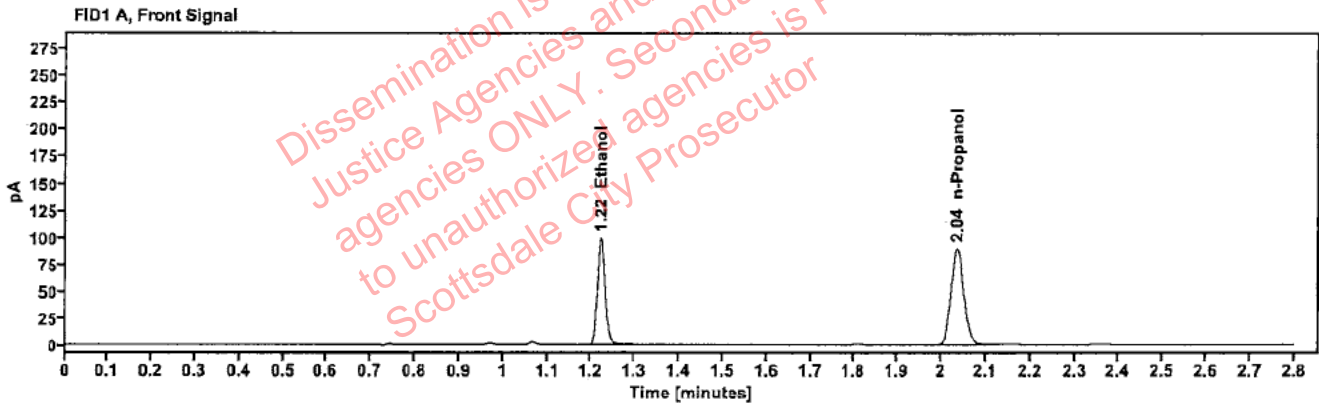


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2004	1.222	126.937
n-Propanol	—	2.036	178.864

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

Compound	Time (min)	Peak Area
Ethanol	1.372	139.268
n-Propanol	2.461	194.308

: Brooke, Phillip - (25-Sep-2024)

Case: [REDACTED] User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418990-2	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:03:06 PM
Data file:	C:\Chem32\1\Data\24Sep24\27.D	Analyst:	Brooke

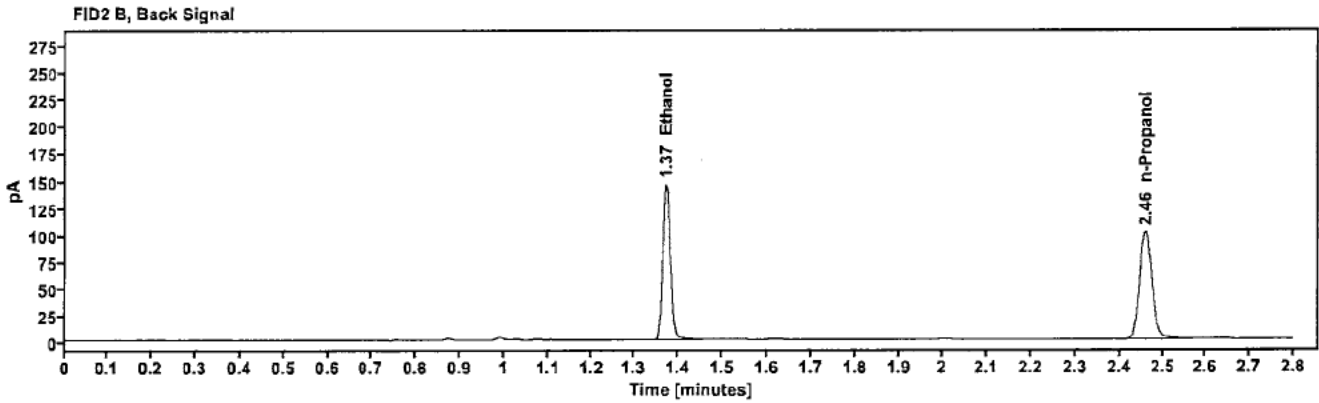
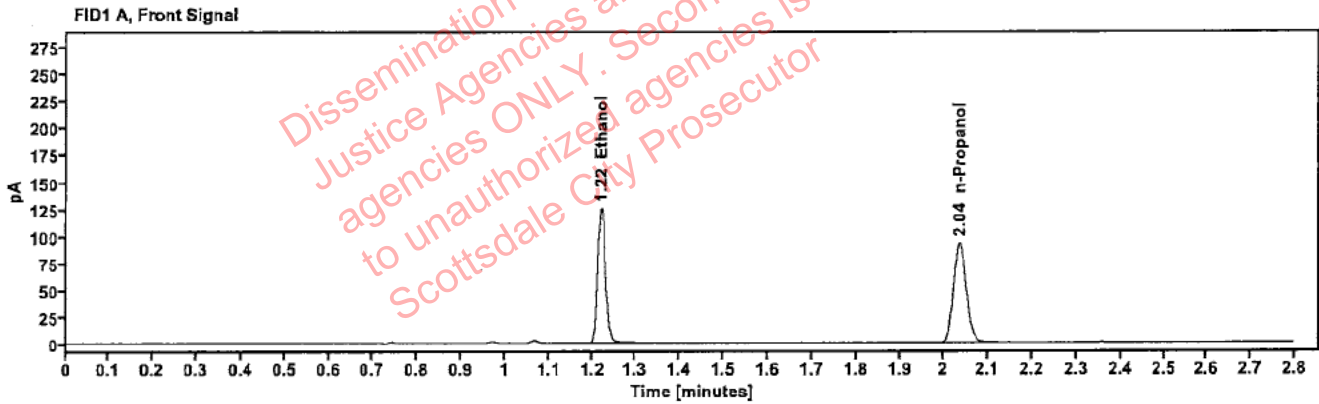


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2437	1.221	160.926
n-Propanol	---	2.035	186.258

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

Compound	Time (min)	Peak Area
Ethanol	1.371	176.640
n-Propanol	2.461	201.651

: Brooke, Phillip - (25-Sep-2024)

Case: [REDACTED] User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2418990-2	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:07:07 PM
Data file:	C:\Chem32\1\Data\24Sep24\28.D	Analyst:	Brooke

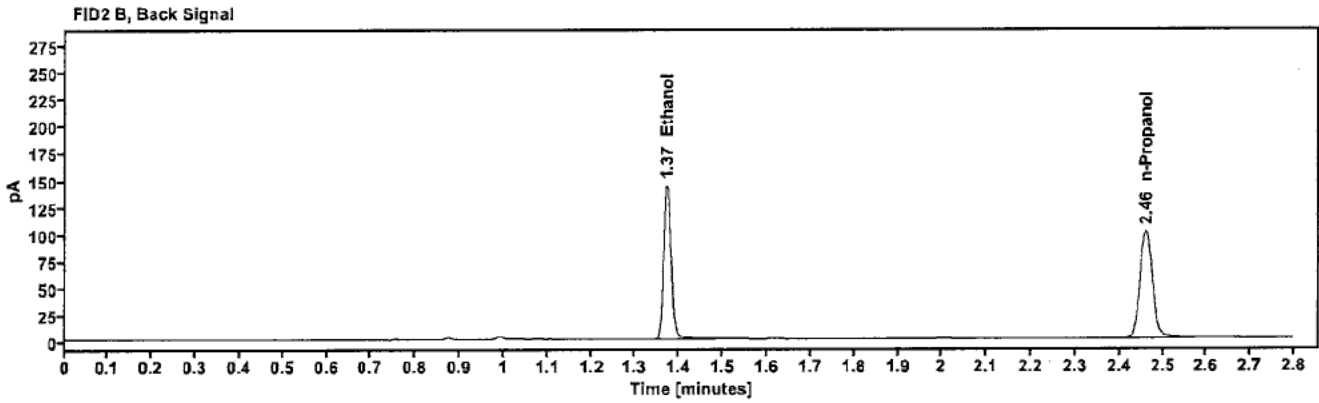
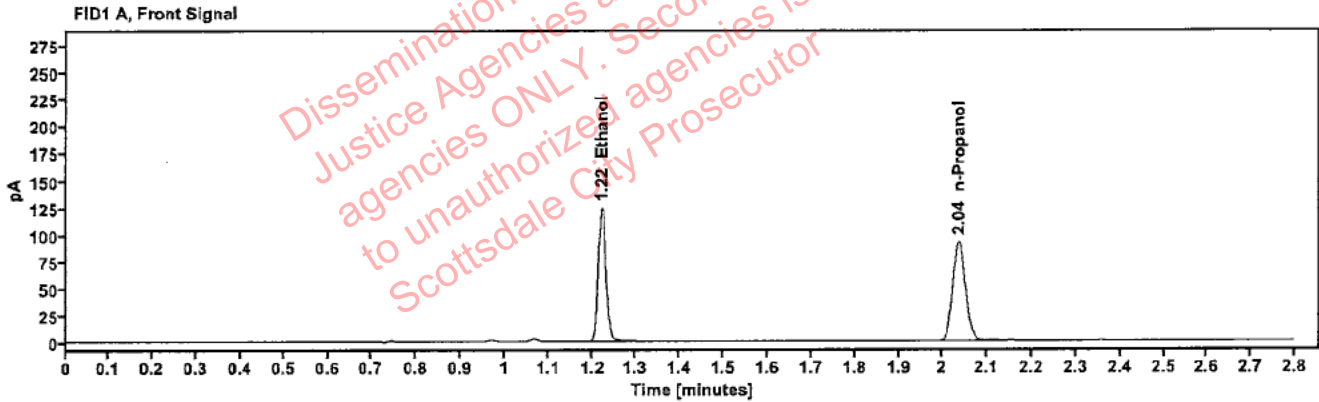


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2424	1.222	159.244
n-Propanol	—	2.036	185.362

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

Compound	Time (min)	Peak Area
Ethanol	1.372	175.228
n-Propanol	2.461	200.765

Case: [REDACTED] : Brooke, Phillip - (25-Sep-2024)

User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419082-2	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:11:07 PM
Data file:	C:\Chem32\1\Data\24Sep24\29.D	Analyst:	Brooke

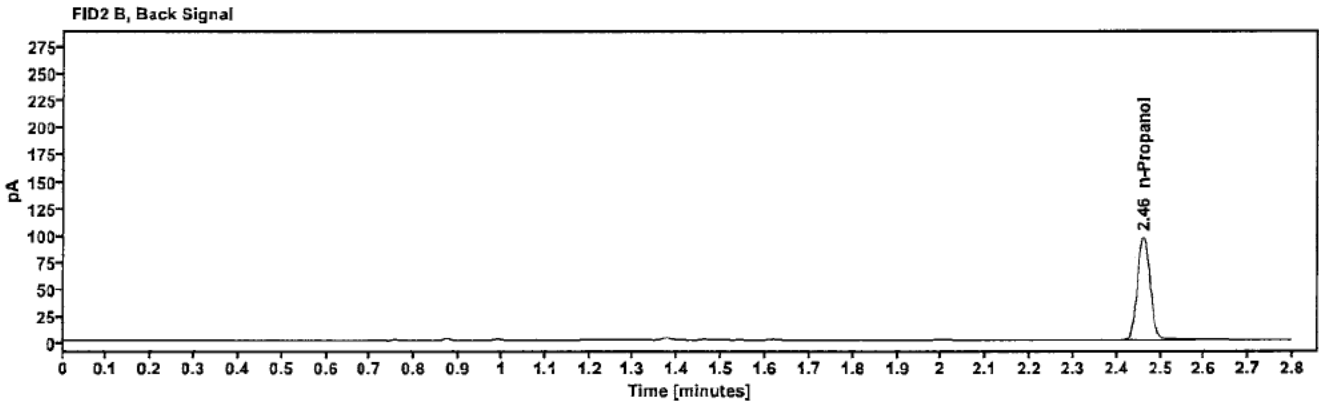
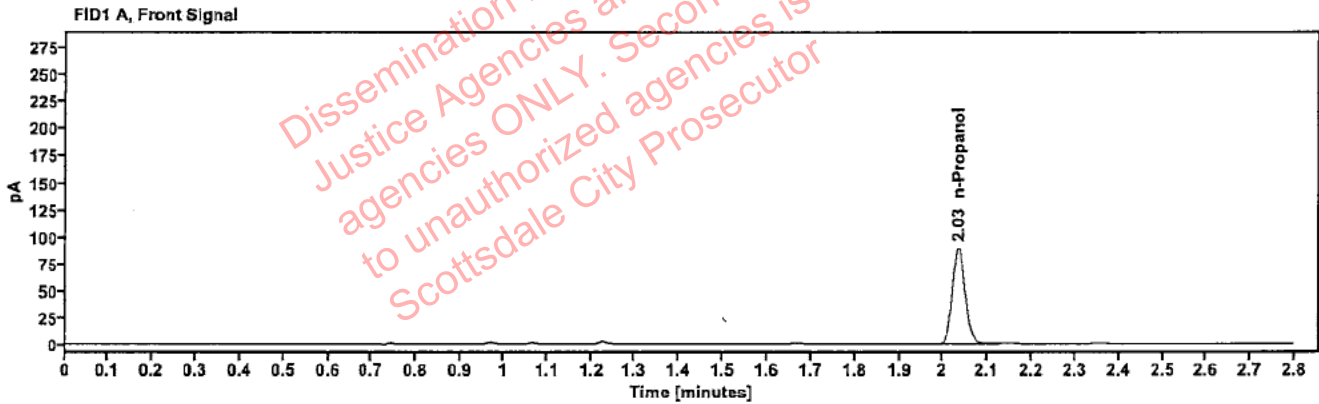


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.035	178.699

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

Compound	Time (min)	Peak Area
n-Propanol	2.461	194.443

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419082-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:15:07 PM
Data file:	C:\Chem32\1\Data\24Sep24\30.D	Analyst:	Brooke

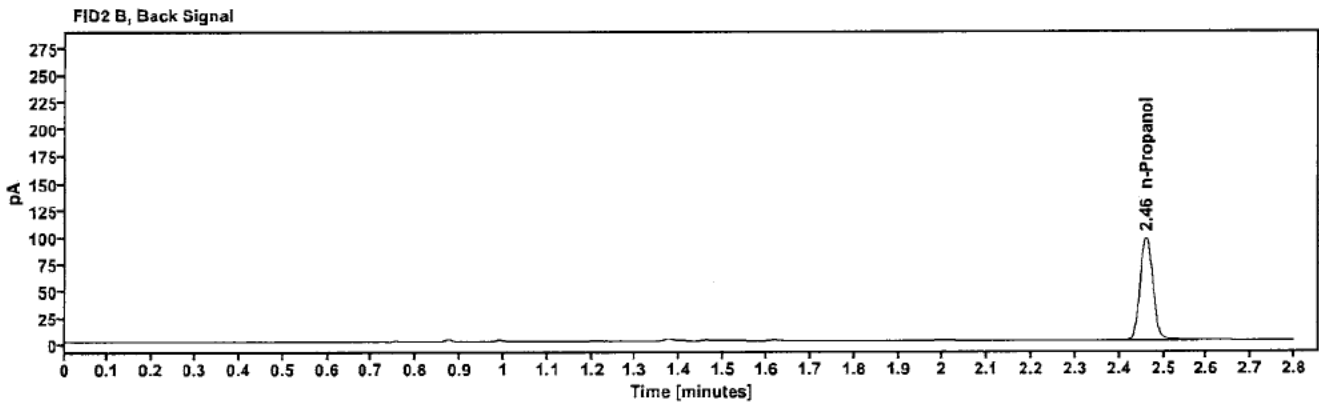
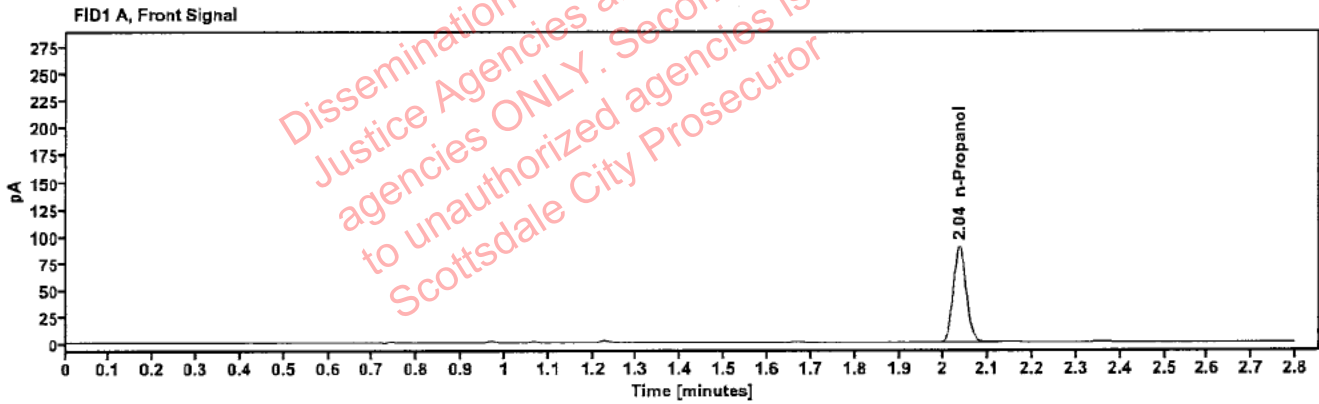


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.035	178.136

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

Compound	Time (min)	Peak Area
n-Propanol	2.461	193.799

: Brooke, Phillip - (25-Sep-2024)

Case: [REDACTED] User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419124-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:23:22 PM
Data file:	C:\Chem32\1\Data\24Sep24\32.D	Analyst:	Brooke

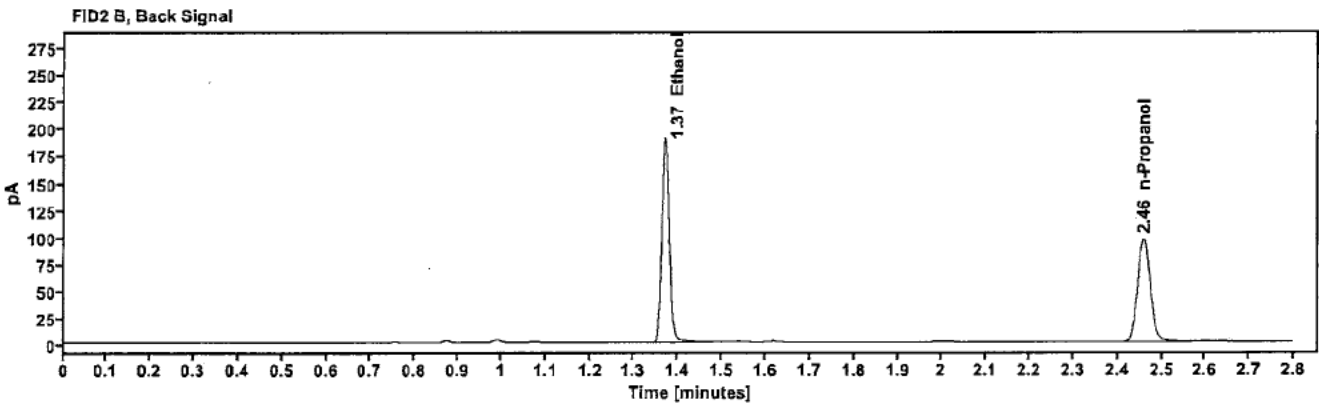
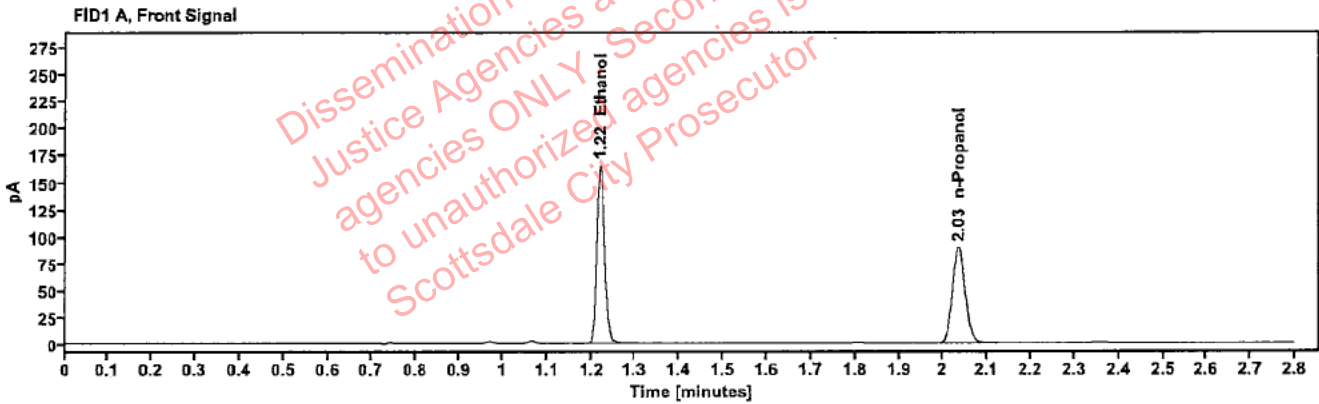


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3353	1.220	211.029
n-Propanol	---	2.034	177.335

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

Compound	Time (min)	Peak Area
Ethanol	1.370	233.545
n-Propanol	2.459	192.094

: Brooke, Phillip - (25-Sep-2024)

Case: ██████████ User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419124-2	Vial:	33
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:27:21 PM
Data file:	C:\Chem32\1\Data\24Sep24\33.D	Analyst:	Brooke

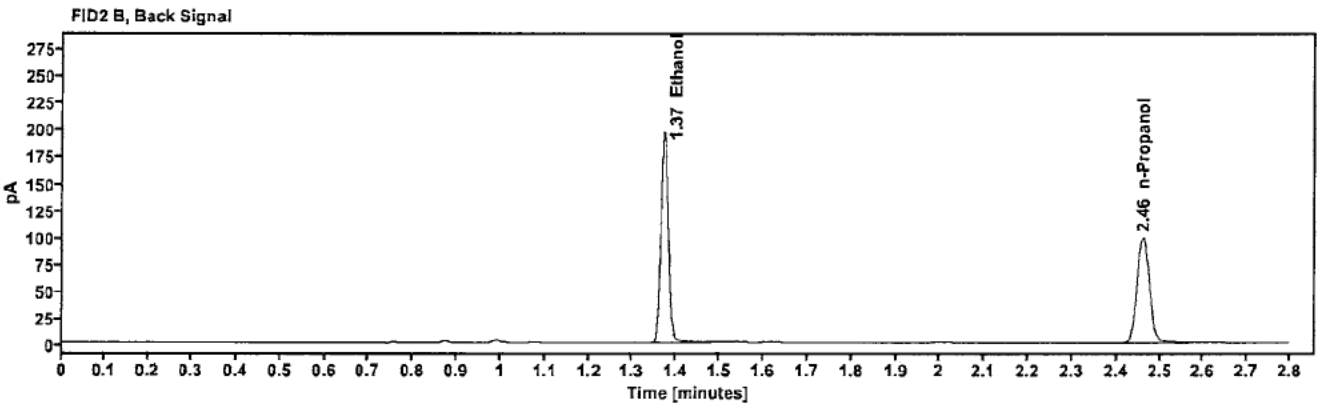
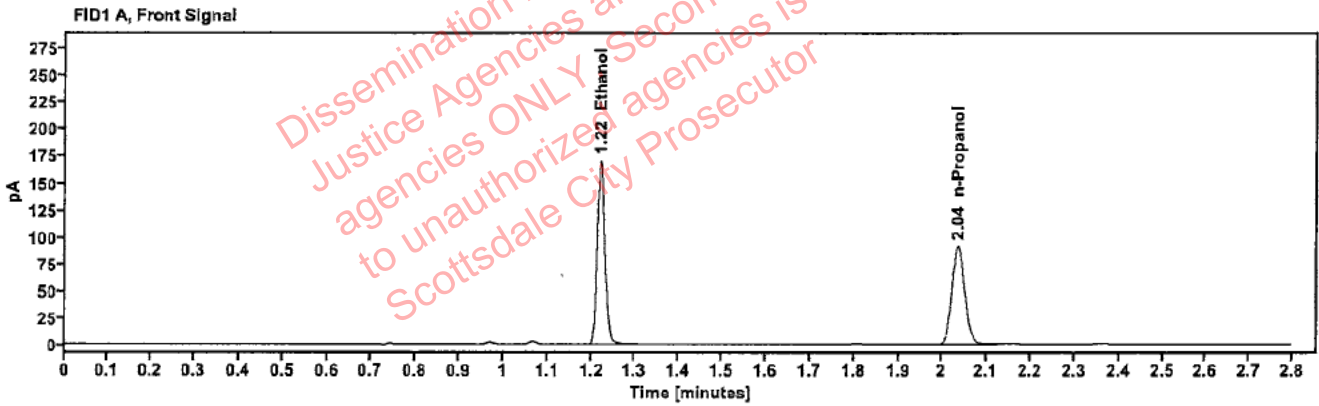


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3368	1.221	218.051
n-Propanol	—	2.035	182.384

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

Compound	Time (min)	Peak Area
Ethanol	1.371	241.635
n-Propanol	2.461	197.624

[REDACTED]: Brooke, Phillip - (25-Sep-2024)

Case: [REDACTED] User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	430-01H.G.	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:31:21 PM
Data file:	C:\Chem32\1\Data\24Sep24\34.D	Analyst:	Brooke

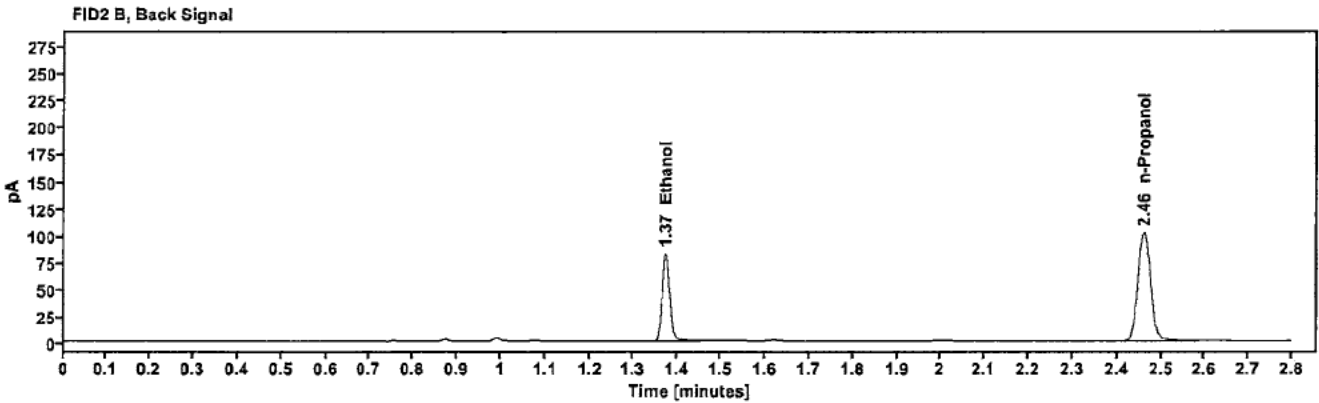
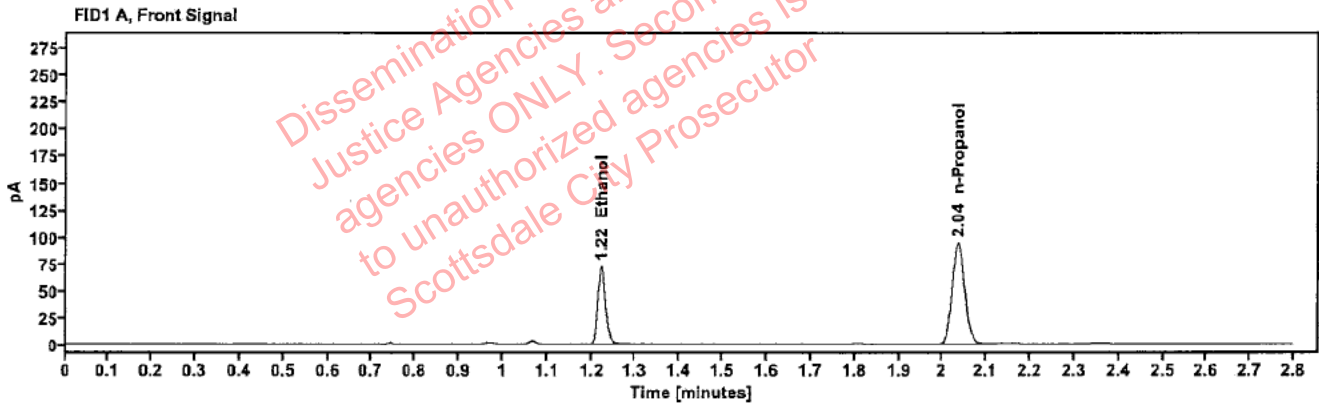


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1386	1.222	91.770
n-Propanol	---	2.036	187.353

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

Compound	Time (min)	Peak Area
Ethanol	1.372	100.621
n-Propanol	2.461	203.763

Case: [REDACTED] : Brooke, Phillip - (25-Sep-2024)

User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	430-01H.G.	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:35:22 PM
Data file:	C:\Chem32\1\Data\24Sep24\35.D	Analyst:	Brooke

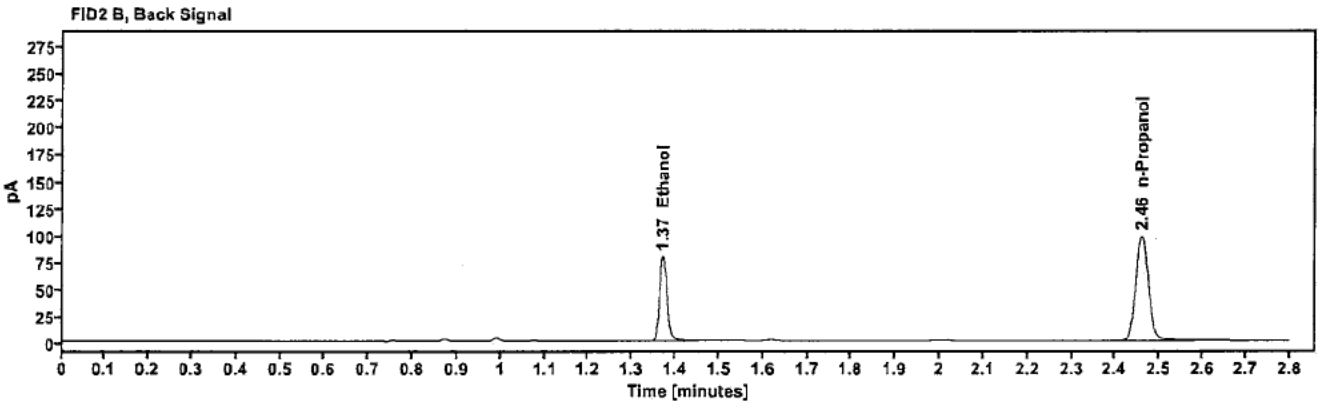
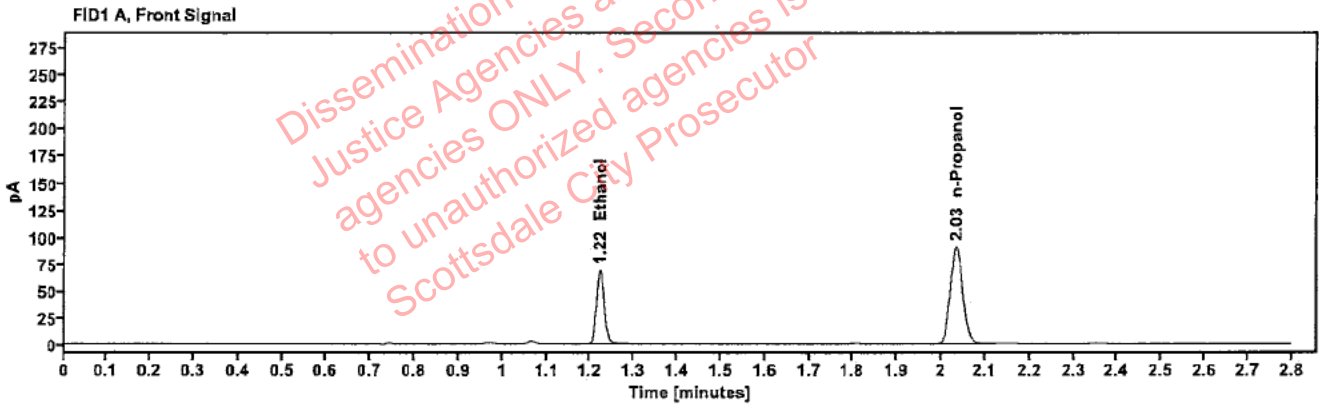


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1374	1.221	87.930
n-Propanol	—	2.034	181.153

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

Compound	Time (min)	Peak Area
Ethanol	1.371	96.434
n-Propanol	2.459	197.024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	402-1.J.D.	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:39:22 PM
Data file:	C:\Chem32\1\Data\24Sep24\36.D	Analyst:	Brooke

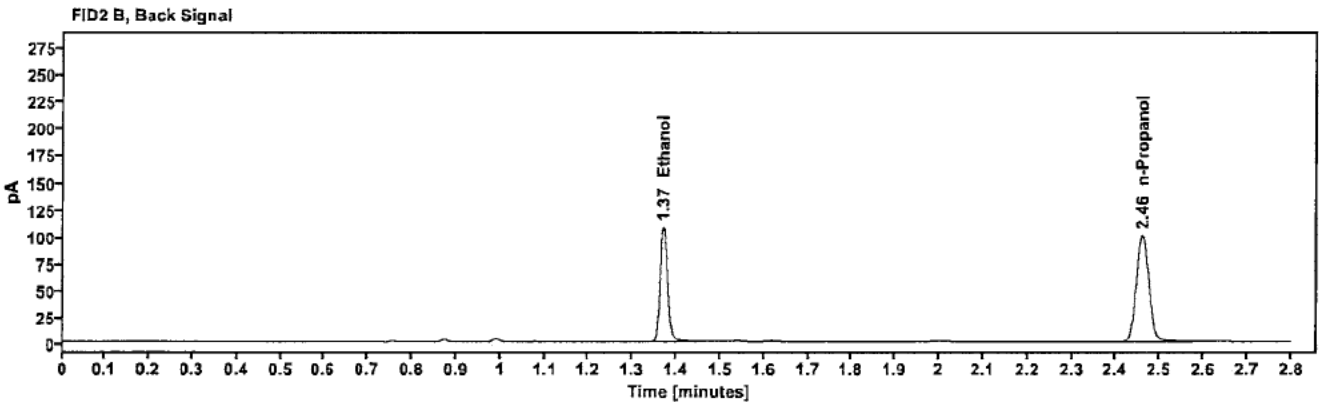
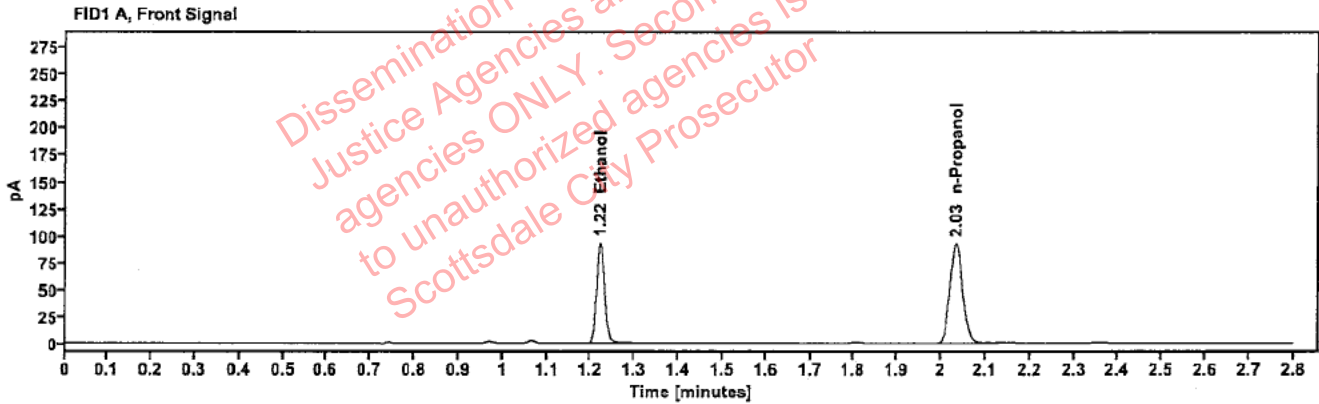


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1823	1.221	119.710
n-Propanol	—	2.034	185.559

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

Compound	Time (min)	Peak Area
Ethanol	1.370	131.361
n-Propanol	2.460	201.241

[REDACTED] : Brooke, Phillip - (25-Sep-2024)

Case: [REDACTED] User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	402-1J.D.	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:43:36 PM
Data file:	C:\Chem32\1\Data\24Sep24\37.D	Analyst:	Brooke

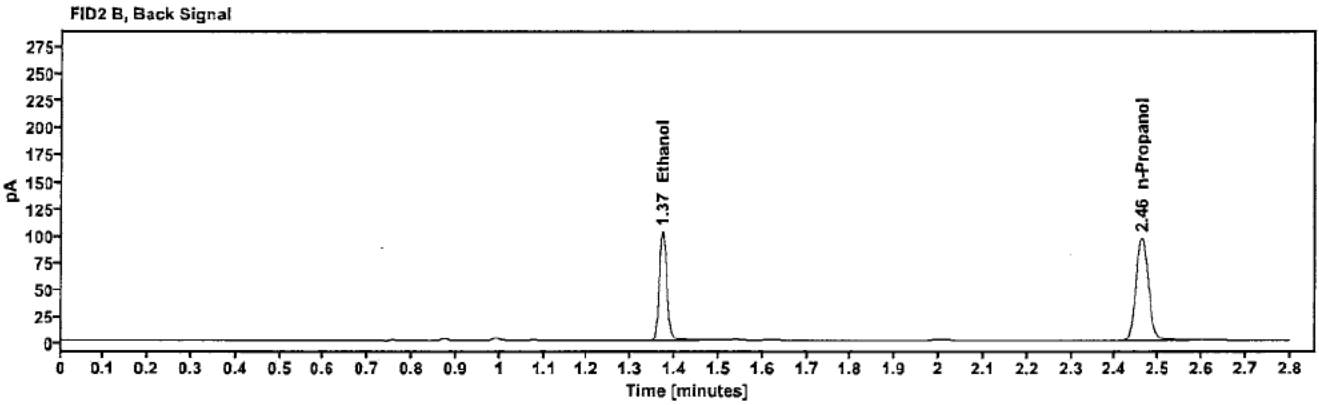
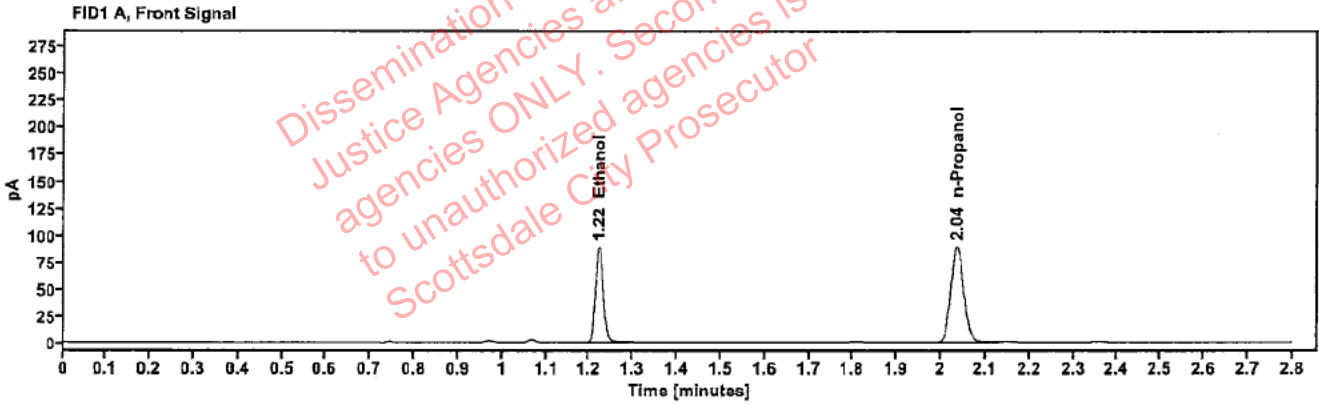


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1797	1.222	113.435
n-Propanol	---	2.036	178.339

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

Compound	Time (min)	Peak Area
Ethanol	1.372	124.547
n-Propanol	2.462	193.450

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	419-01K.M.	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:47:36 PM
Data file:	C:\Chem32\1\Data\24Sep24\38.D	Analyst:	Brooke

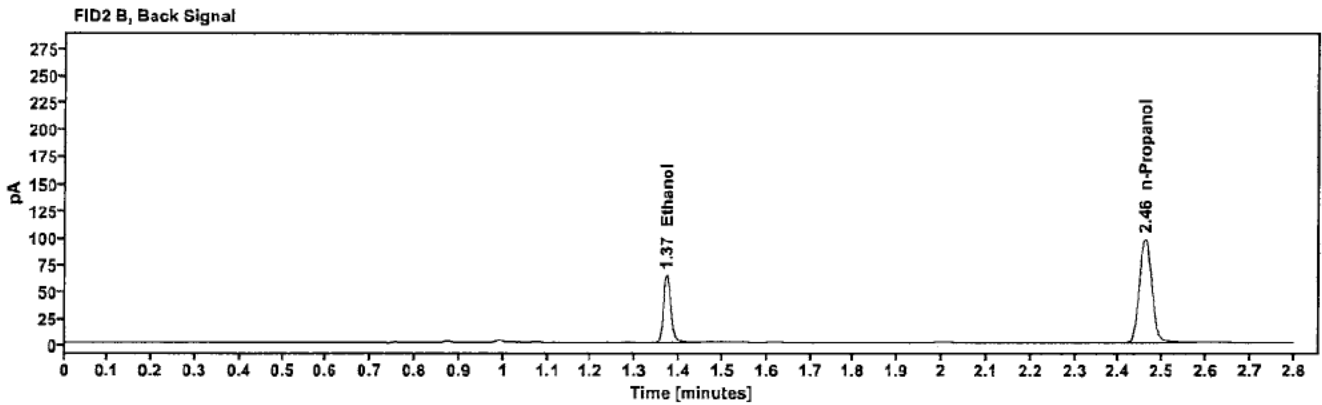
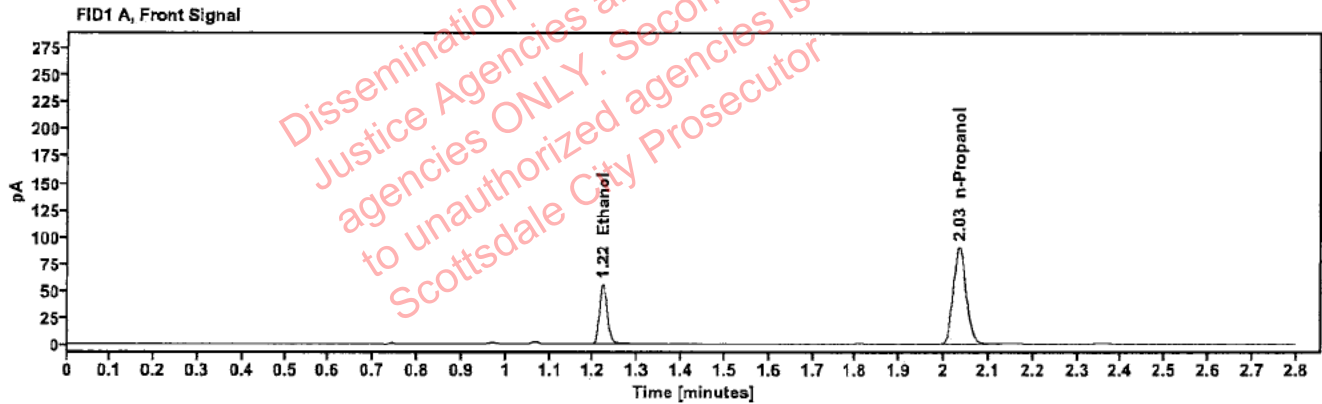


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1115	1.222	70.852
n-Propanol	—	2.035	180.278

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

Compound	Time (min)	Peak Area
Ethanol	1.371	77.390
n-Propanol	2.460	195.886

: Brooke, Phillip - (25-Sep-2024)

Case: ██████████ User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	419-01K.M.	Vial:	39
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:51:37 PM
Data file:	C:\Chem32\1\Data\24Sep24\39.D	Analyst:	Brooke

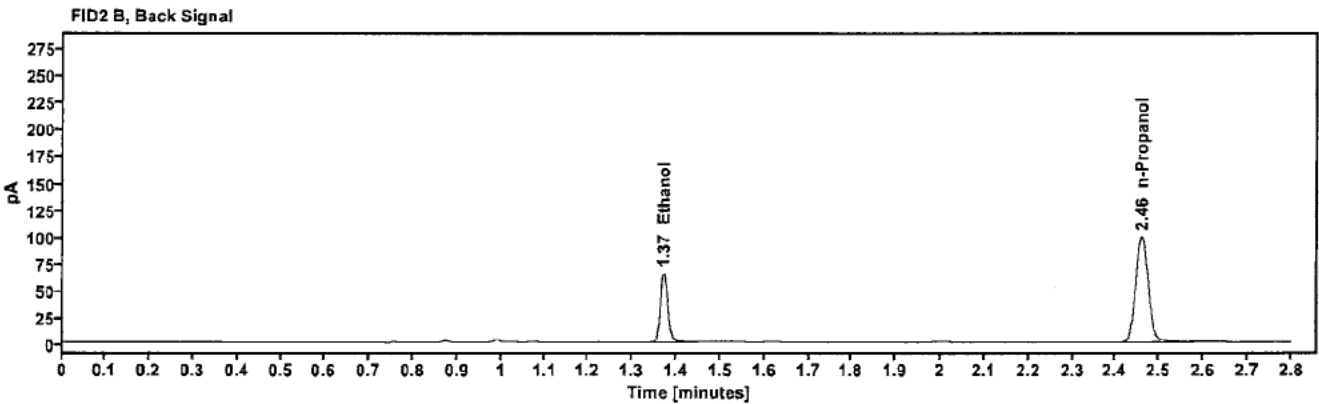
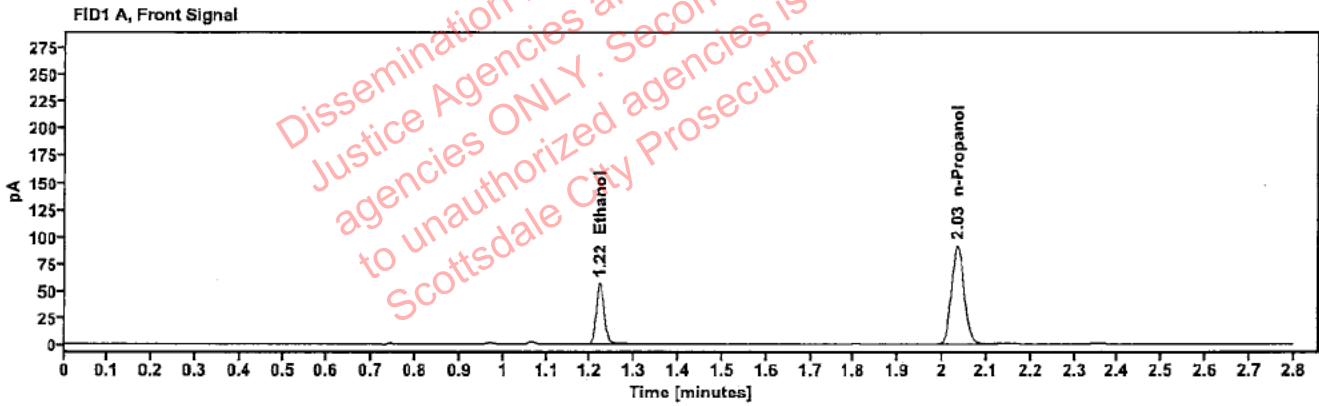


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1116	1.221	71.866
n-Propanol	---	2.034	182.549

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

Compound	Time (min)	Peak Area
Ethanol	1.371	78.542
n-Propanol	2.459	198.421

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	429-01T.J.	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:55:37 PM
Data file:	C:\Chem32\1\Data\24Sep24\40.D	Analyst:	Brooke

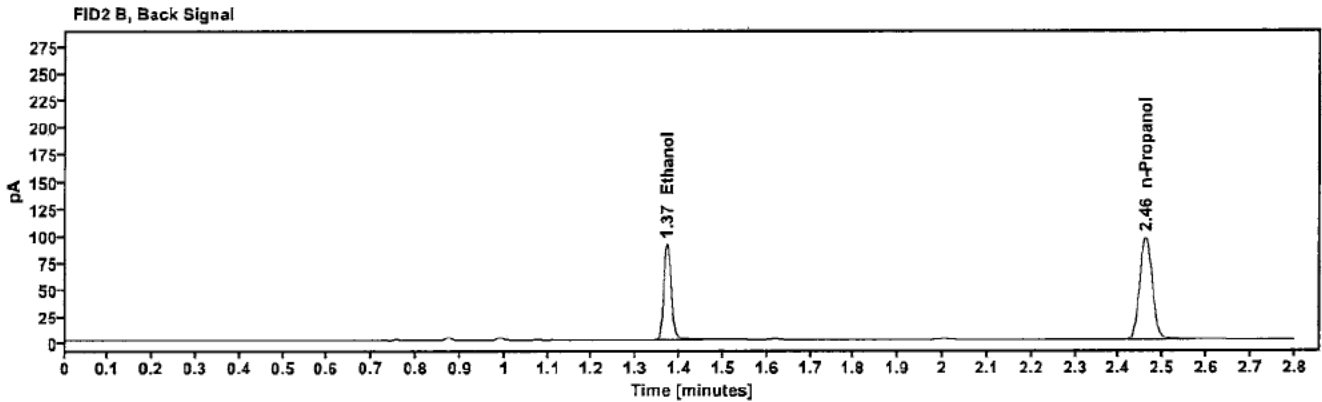
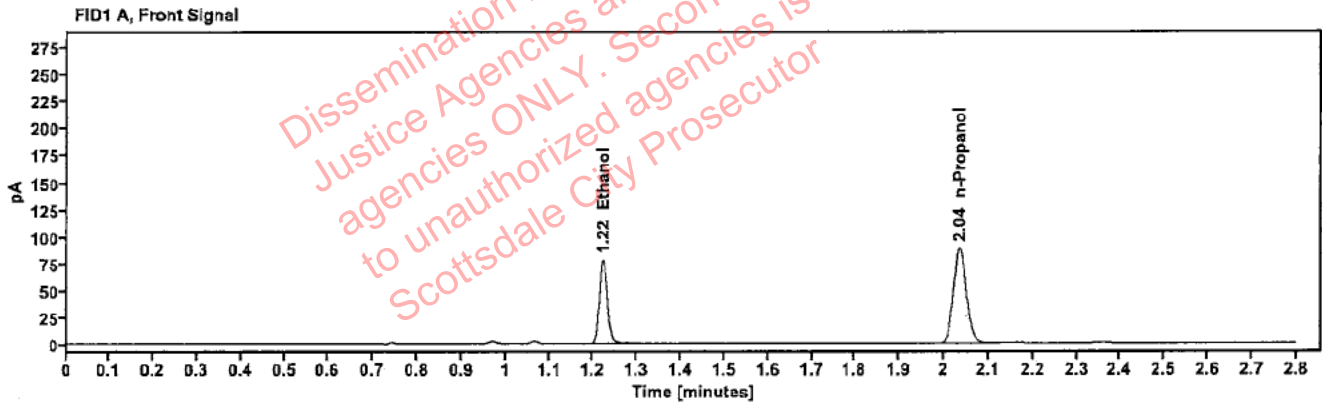


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1590	1.222	100.239
n-Propanol	---	2.035	178.263

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

Compound	Time (min)	Peak Area
Ethanol	1.371	110.107
n-Propanol	2.461	192.619

: Brooke, Phillip - (25-Sep-2024)

Case: [REDACTED] User: pbrooke 9/25/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	429-01T.J.	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Sep24
Instrument:	US14173023 CN14160045	Injection date:	9/24/2024 3:59:36 PM
Data file:	C:\Chem32\1\Data\24Sep24\41.D	Analyst:	Brooke

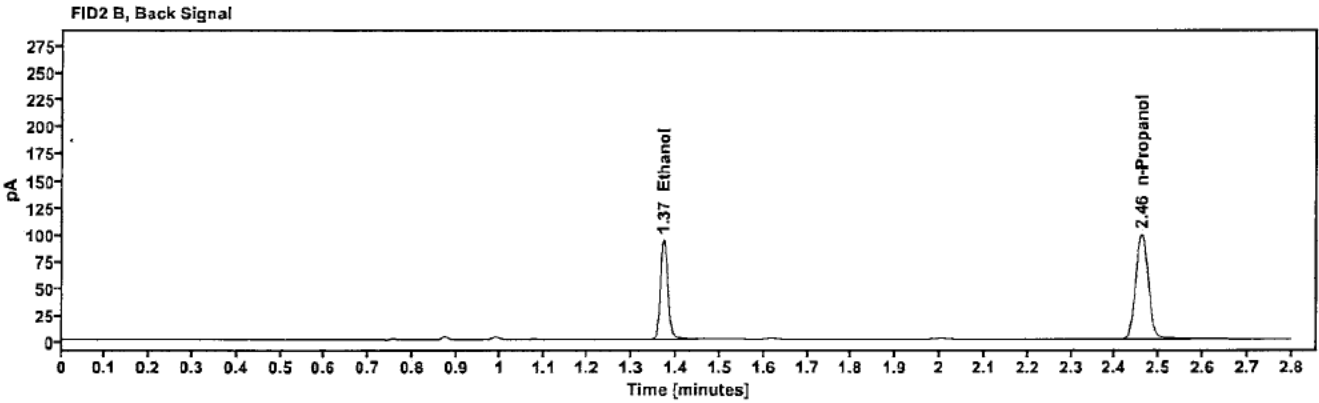
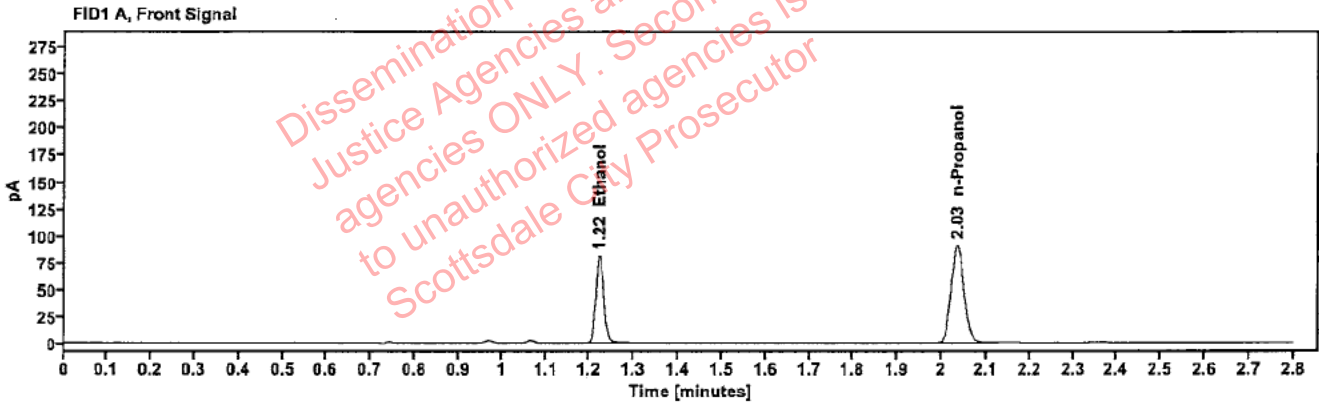


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1605	1.221	103.490
n-Propanol	---	2.035	182.275

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

Compound	Time (min)	Peak Area
Ethanol	1.371	113.510
n-Propanol	2.460	196.826