

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 10/1/2024

SEQUENCE NAME 01Oct24

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 0.99997
 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	0.402 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	0.204 g/dL	ACQ 4110320133/11
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
31	Aqueous control	0.400 g/dL	0.411 g/dL	Lipomed 12052023-B
32	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
33	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/11
34	Blank	Not detected	Not detected	SPD lab 090524AQ

SUBJECT SAMPLES

Subjects in the sequence 10 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Philip Brooks Analyst
 Run valid Run invalid ASW Aspart Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

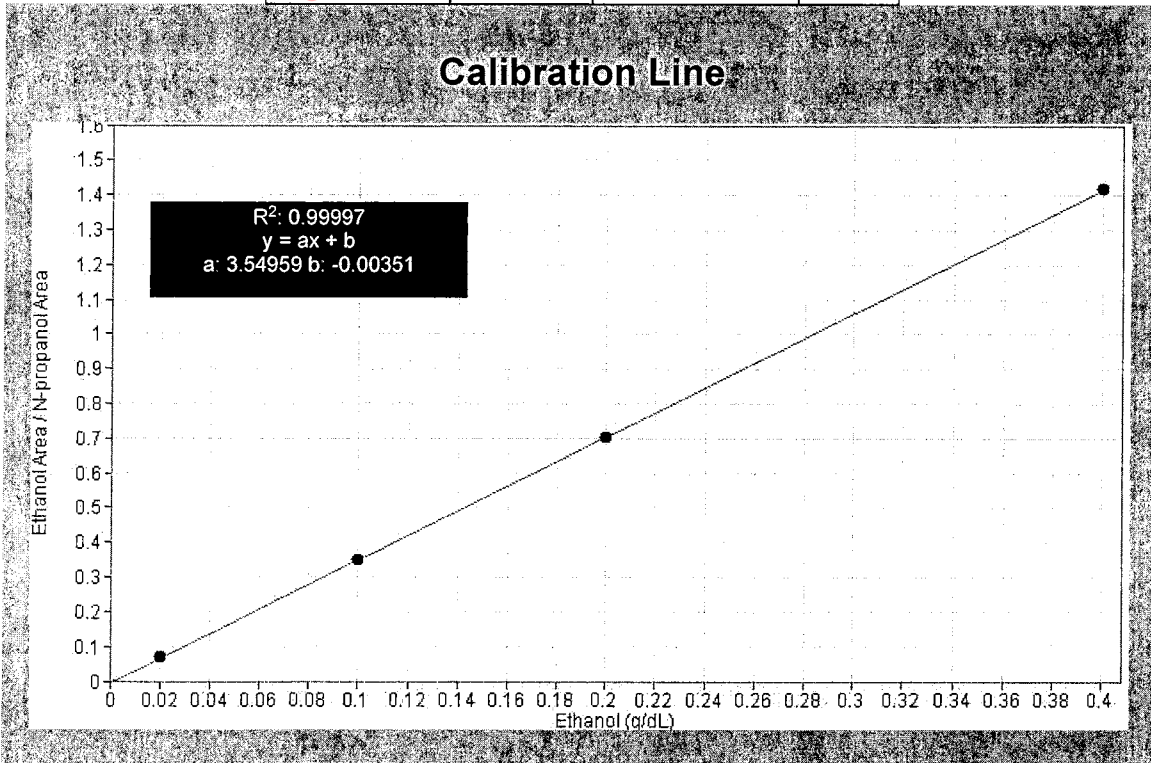
78

SEQUENCE NAME: 01Oct24

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	0.402	0.400	0.50	0.002
0.040 518018	8	0.040	0.040	0.00	0.000
0.199 4110320133/11	9	0.204	0.199	2.51	0.005
0.100 517758	20	0.101	0.100	1.00	0.001
0.400 12052023-B	31	0.411	0.400	2.75	0.011
0.040 518018	32	0.041	0.040	2.50	0.001
0.199 4110320133/11	33	0.202	0.199	1.51	0.003
blank 090524AQ	34	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.418	175.851	0.071
0.100	60.039	171.382	0.350
0.200	118.308	168.491	0.702
0.400	238.820	168.351	1.419



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03122113	Vial: 1
Description: 0.020 calibrator	Sequence: 01Oct24
Method: ethanol quant.M	Injection date: 10/1/2024 4:45:17 PM
Instrument: US14173023 CN14160045	Analyst: Brooke RB
Data file: C:\Chem32\1\Data\01Oct24\1.D	

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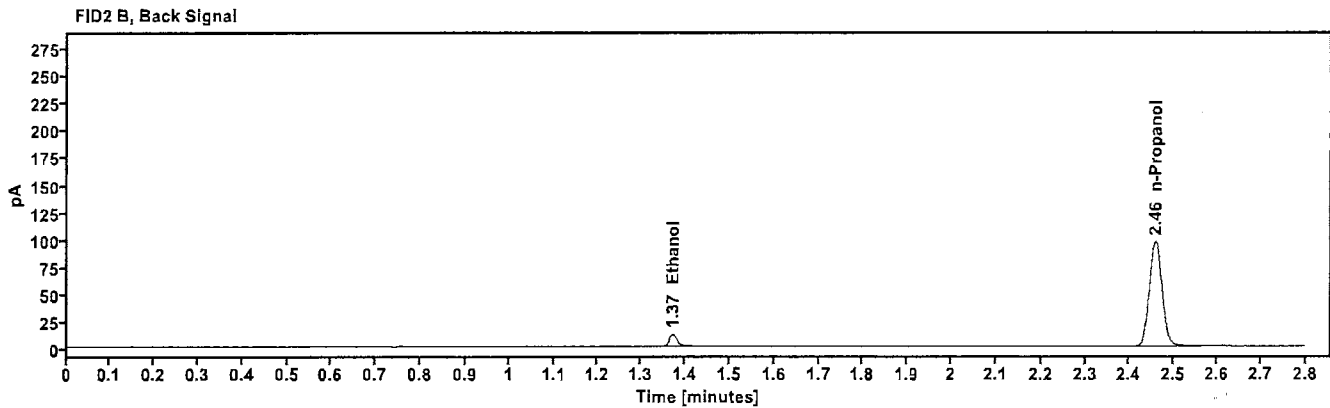
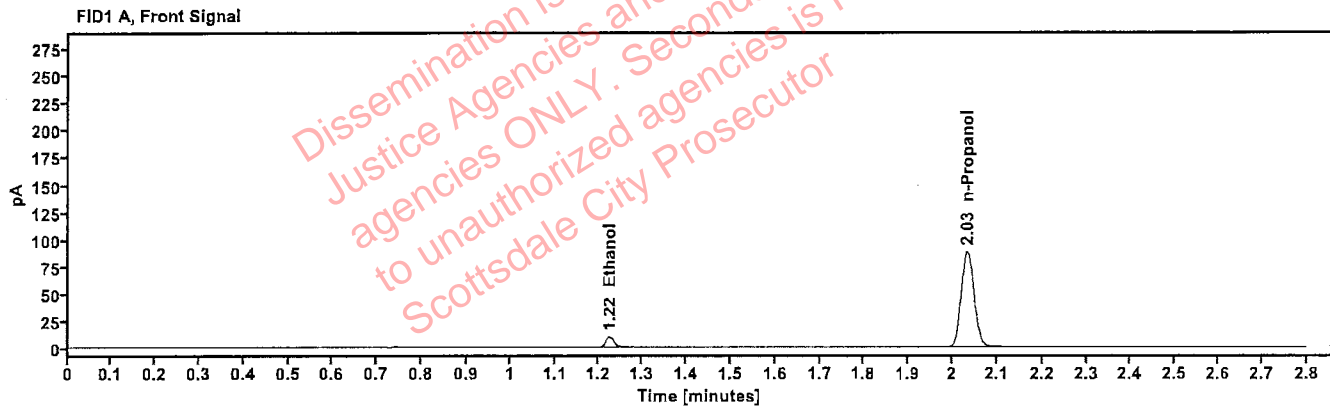


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.223	12.418
n-Propanol	2.033	175.851

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

Compound	Time (min)	Peak Area
Ethanol	1.372	13.664
n-Propanol	2.458	191.546

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03072301	Vial:	2
Description:	0.100 calibrator	Sequence:	01Oct24
Method:	ethanol quant.M	Injection date:	10/1/2024 4:49:16 PM RB
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\01Oct24\2.D		

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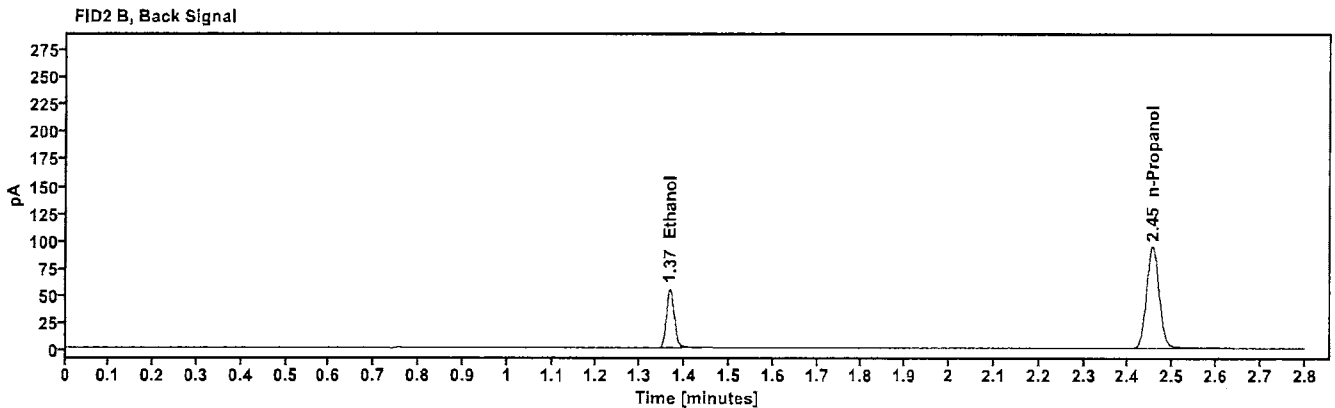
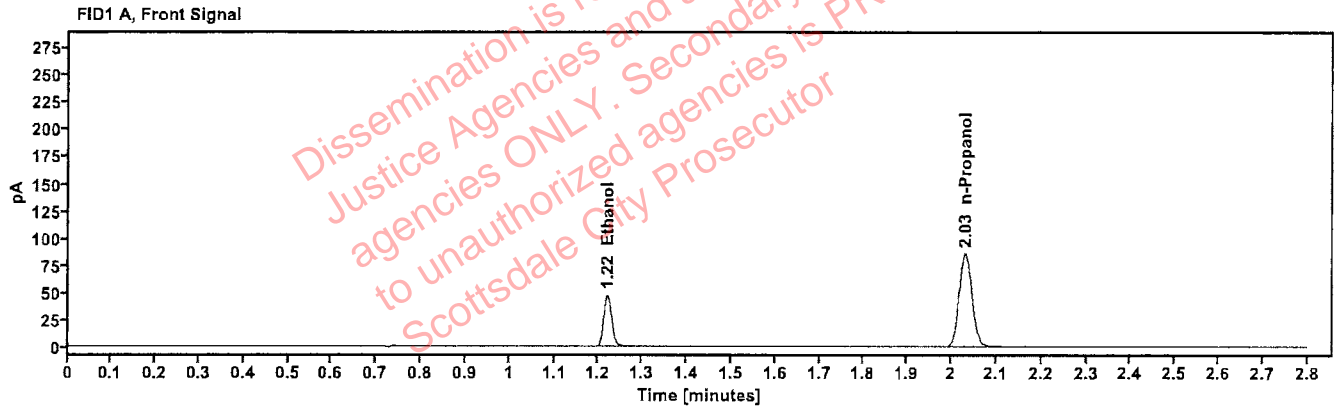


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.219	60.039
n-Propanol	2.031	171.382

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

Compound	Time (min)	Peak Area
Ethanol	1.367	65.913
n-Propanol	2.455	186.355

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03132302	Vial: 3
Description: 0.200 calibrator	Sequence: 01Oct24
Method: ethanol quant.M	Injection date: 10/1/2024 4:53:17 PM
Instrument: US14173023 CN14160045	Analyst: Brooke
Data file: C:\Chem32\1\Data\01Oct24\3.D	

AB

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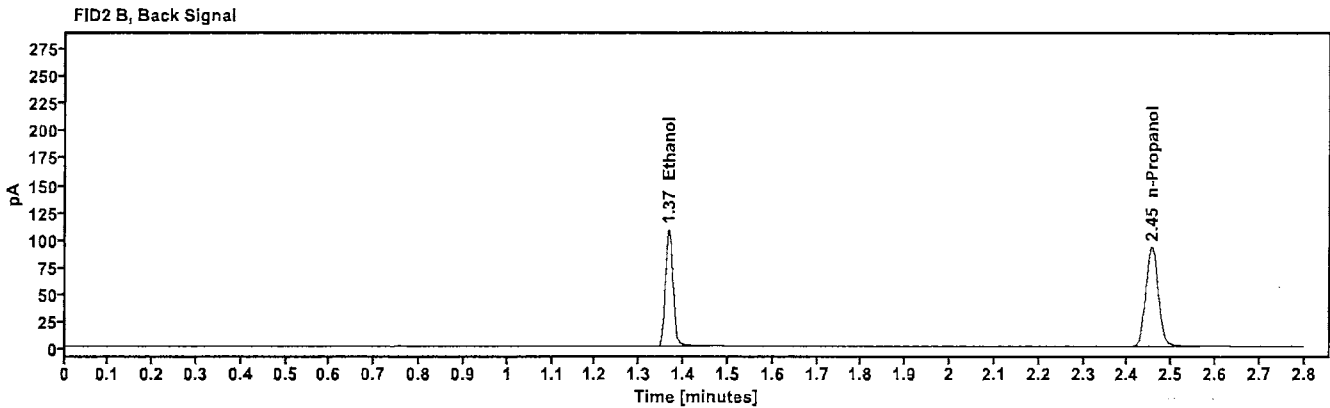
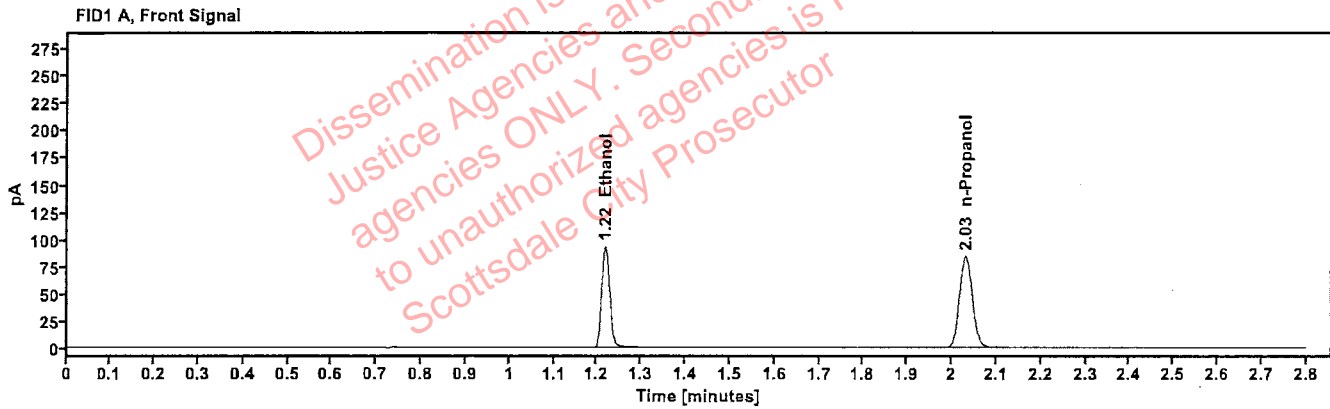


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	118.308
n-Propanol	2.031	168.491

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

Compound	Time (min)	Peak Area
Ethanol	1.366	130.142
n-Propanol	2.455	183.286

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	01Oct24
Method:	ethanol quant.M	Injection date:	10/1/2024 4:57:17 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\01Oct24\4.D		

RB

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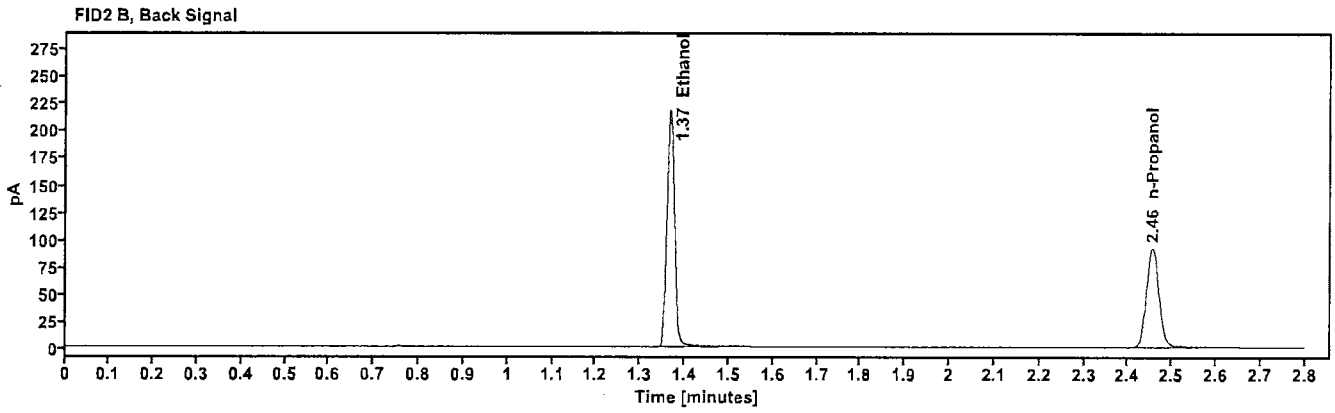
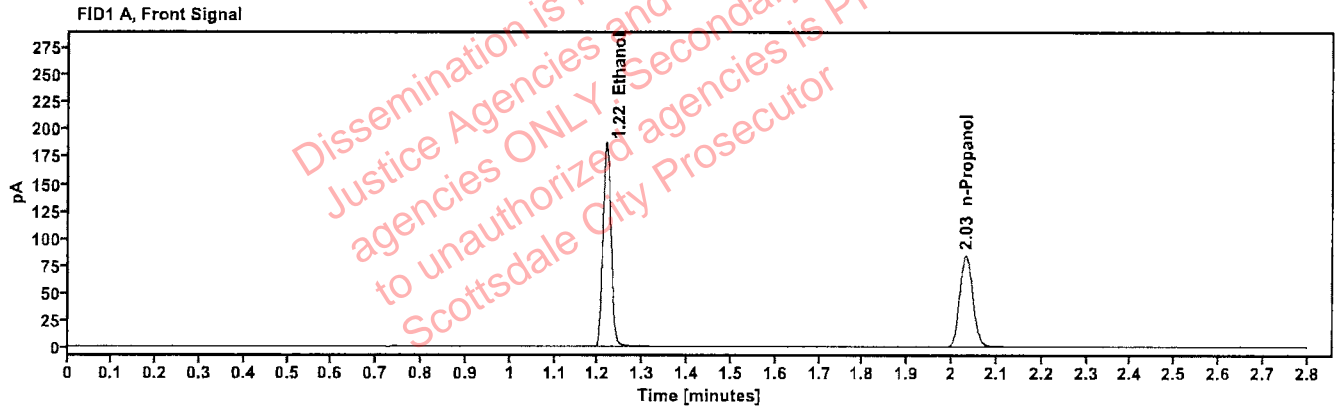


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	238.820
n-Propanol	2.031	168.351

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

Compound	Time (min)	Peak Area
Ethanol	1.366	263.426
n-Propanol	2.455	182.841

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050624WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 5:01:17 PM
Data file:	C:\Chem32\1\Data\01Oct24\5.D	Analyst:	Brooke

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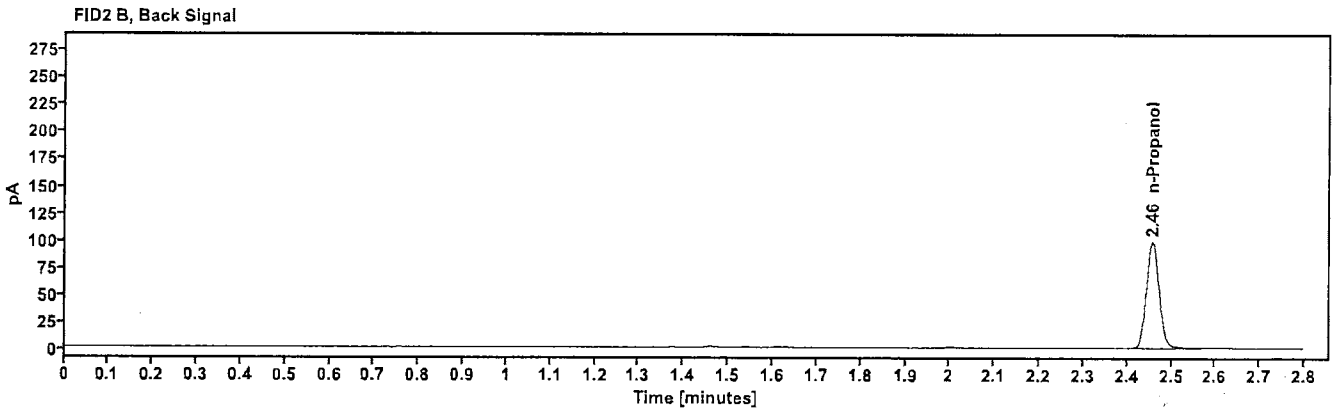
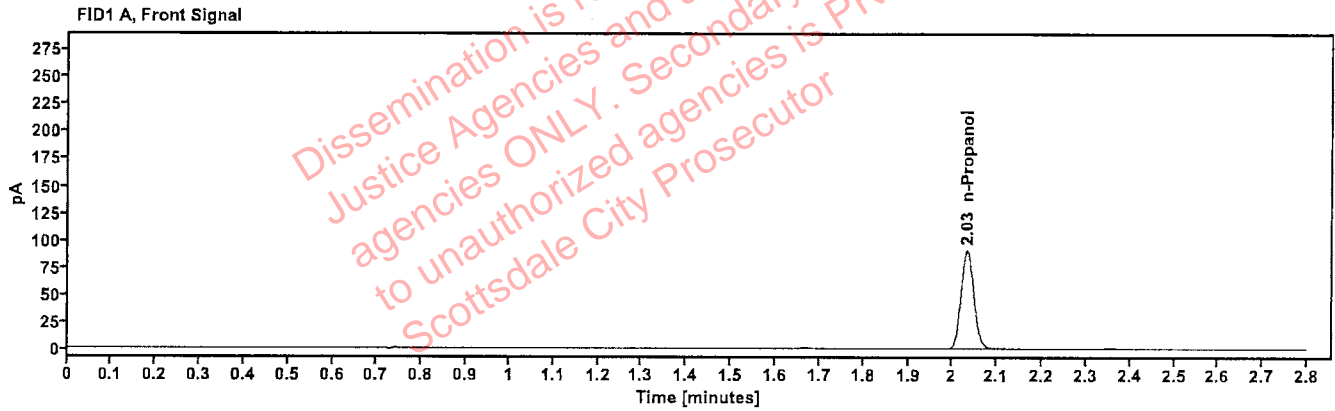


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.033	179.689

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

Compound	Time (min)	Peak Area
n-Propanol	2.457	195.259

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 01Oct24
Instrument: US14173023 CN14160045	Injection date: 10/1/2024 5:05:16 PM
Data file: C:\Chem32\1\Data\01Oct24\6.D	Analyst: Brooke

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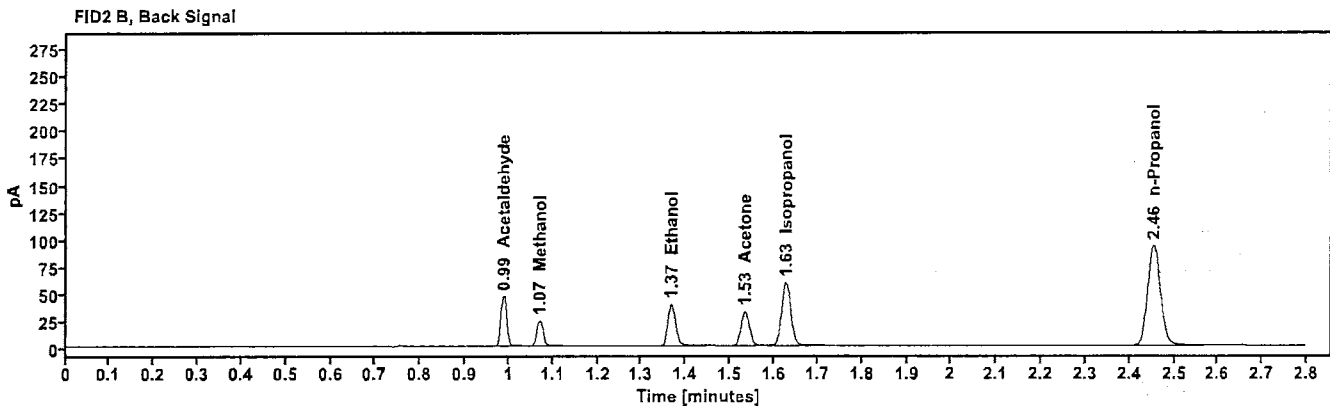
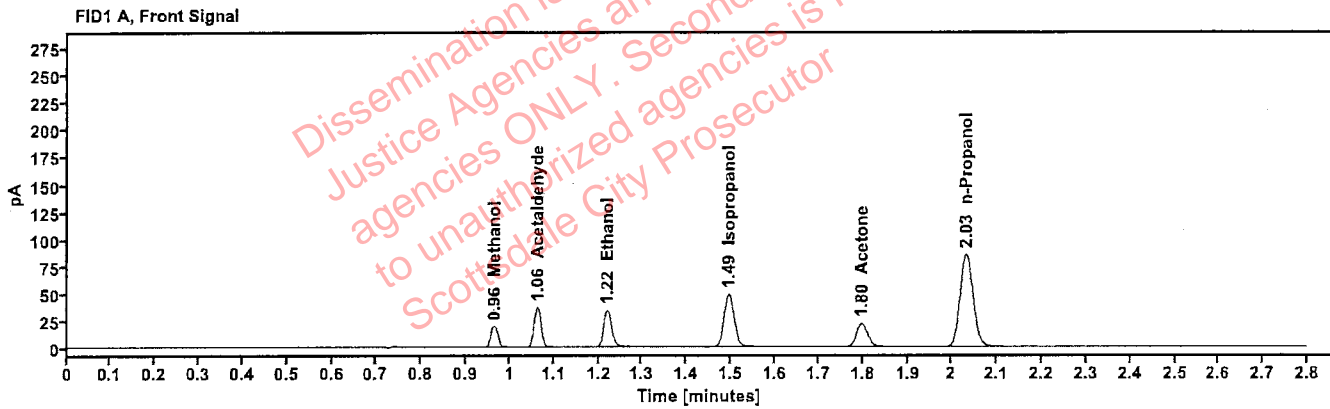


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.964	22.029
Acetaldehyde	-----	1.063	40.275
>Ethanol	0.0721	1.219	42.960
Isopropanol	-----	1.495	78.073
Acetone	-----	1.798	37.419
n-Propanol	-----	2.031	170.276

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	45.157
Methanol	1.070	24.514
Ethanol	1.367	47.113
Acetone	1.533	41.365
Isopropanol	1.628	86.225
n-Propanol	2.455	184.676

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 12052023-B	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 01Oct24
Instrument: US14173023 CN14160045	Injection date: 10/1/2024 5:09:31 PM
Data file: C:\Chem32\1\Data\01Oct24\7.D	Analyst: Brooke

AS

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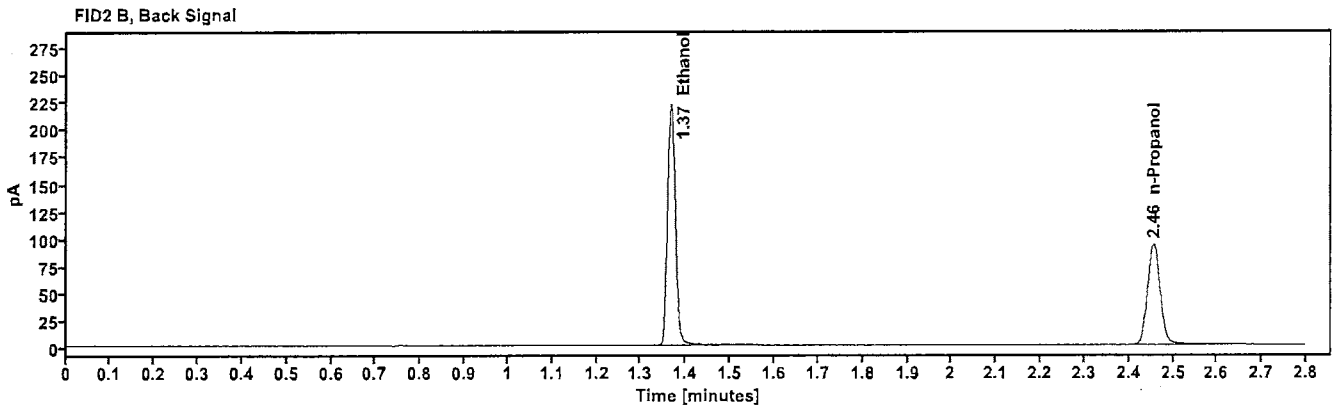
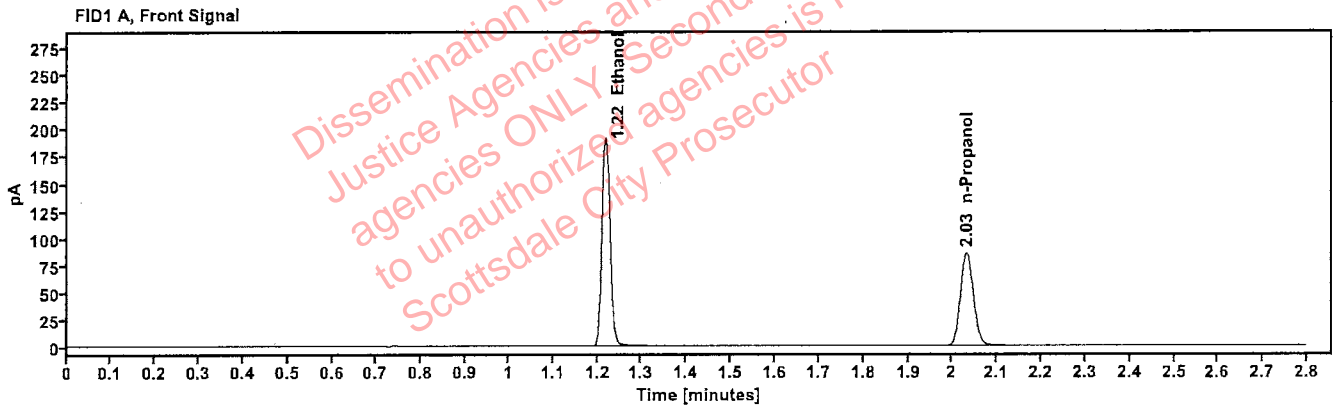


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4027	1.218	243.164
n-Propanol	-----	2.032	170.518

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

Compound	Time (min)	Peak Area
Ethanol	1.367	268.017
n-Propanol	2.456	185.104

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 518018	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 01Oct24
Instrument: US14173023 CN14160045	Injection date: 10/1/2024 5:13:31 PM
Data file: C:\Chem32\1\Data\01Oct24\8.D	Analyst: Brooke

RB

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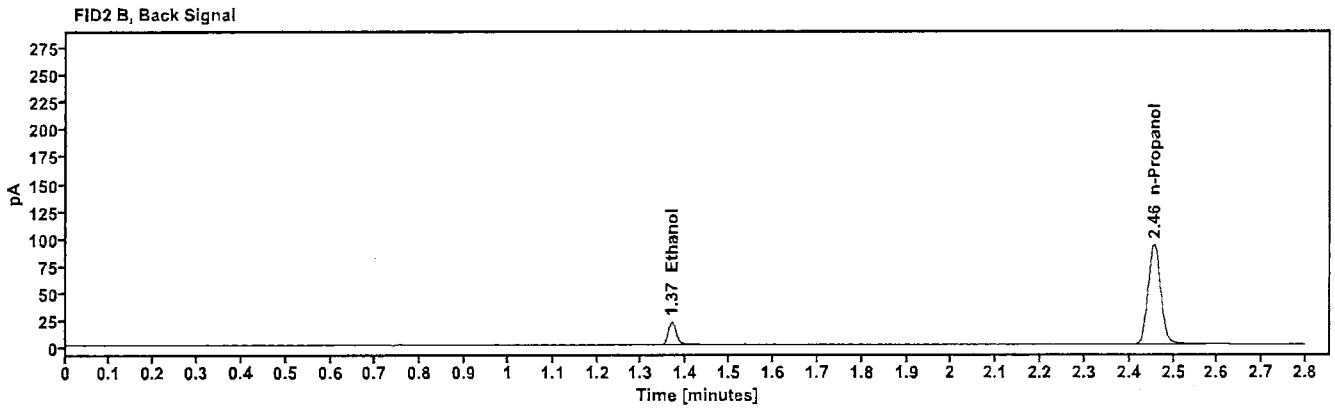
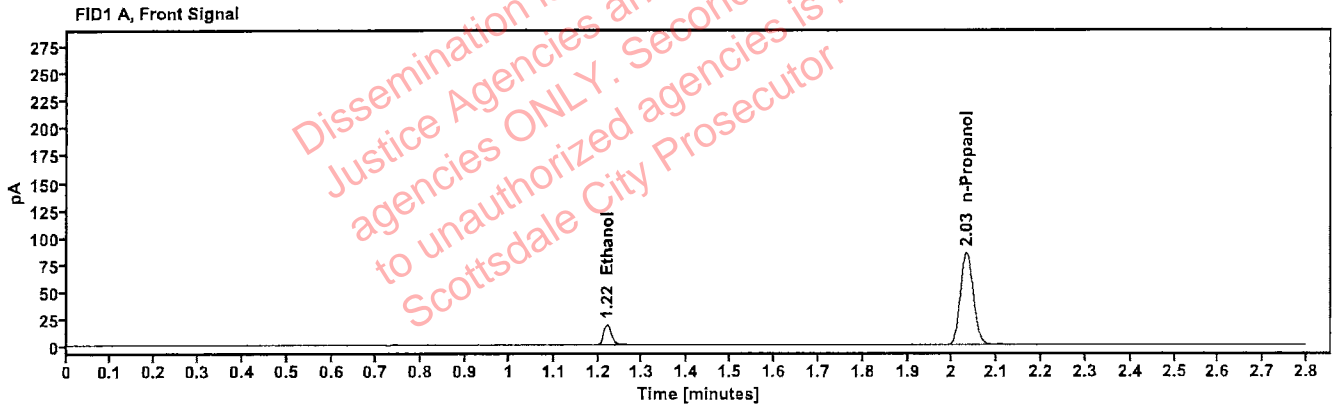


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.220	23.858
n-Propanol	-----	2.032	169.813

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

Compound	Time (min)	Peak Area
Ethanol	1.368	26.017
n-Propanol	2.456	184.300

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 01Oct24
Instrument: US14173023 CN14160045	Injection date: 10/1/2024 5:17:31 PM
Data file: C:\Chem32\1\Data\01Oct24\9.D	Analyst: Brooke

RB

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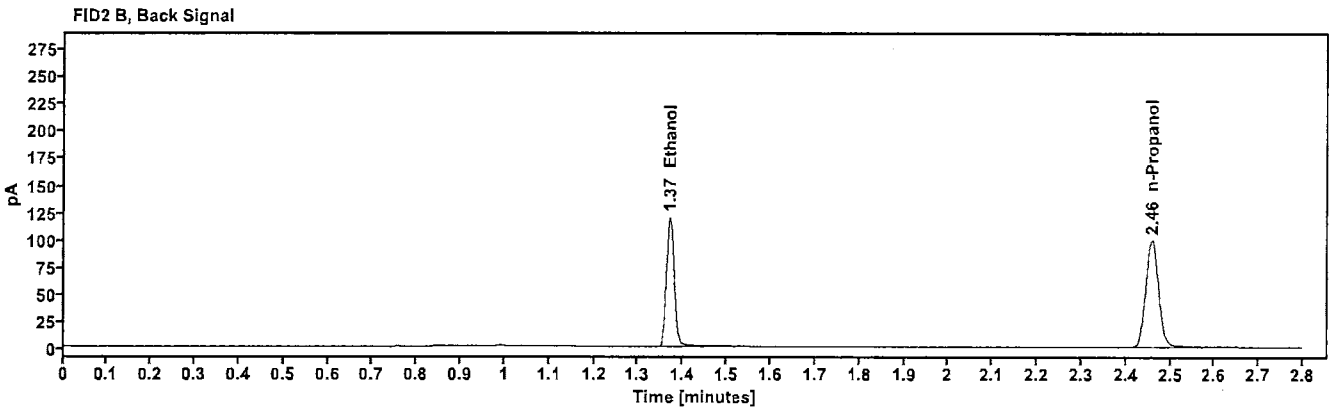
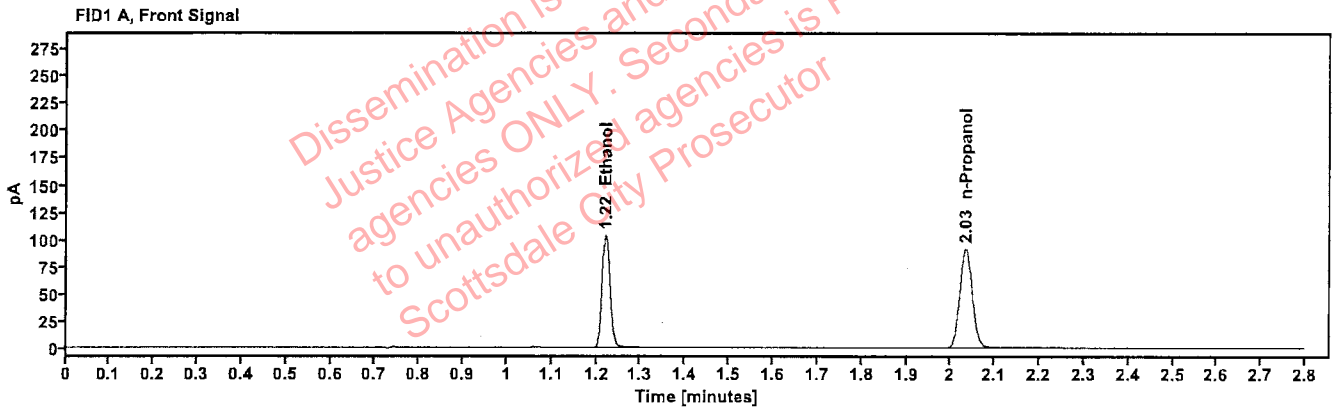


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2048	1.220	131.674
n-Propanol	---	2.033	181.967

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

Compound	Time (min)	Peak Area
Ethanol	1.370	144.606
n-Propanol	2.459	197.941

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 6:02:02 PM
Data file:	C:\Chem32\1\Data\01Oct24\20.D	Analyst:	Brooke

RB

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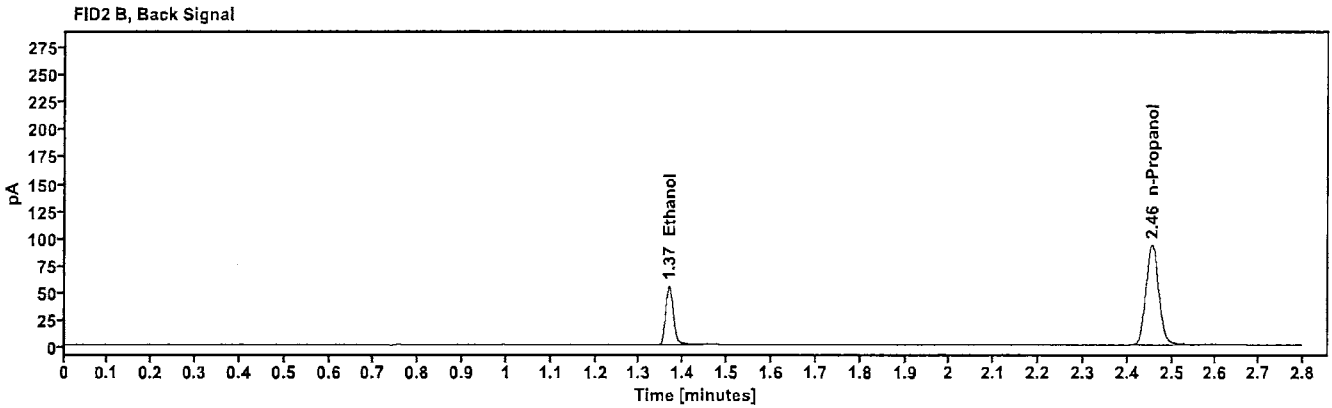
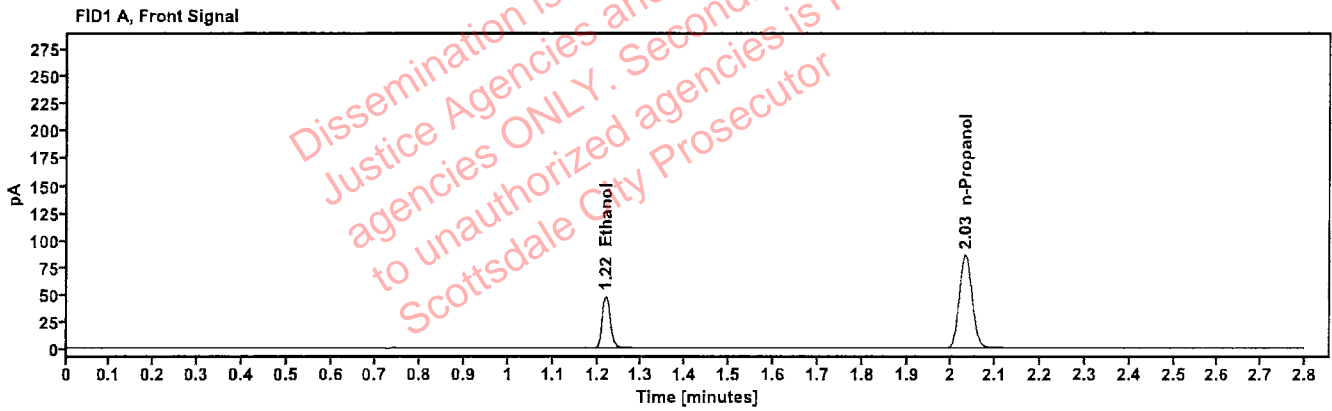


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1010	1.219	60.851
n-Propanol	----	2.031	171.331

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

Compound	Time (min)	Peak Area
Ethanol	1.367	66.637
n-Propanol	2.455	185.997

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 12052023-B	Vial: 31
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 01Oct24
Instrument: US14173023 CN14160045	Injection date: 10/1/2024 6:46:32 PM
Data file: C:\Chem32\1\Data\01Oct24\31.D	Analyst: Brooke

B

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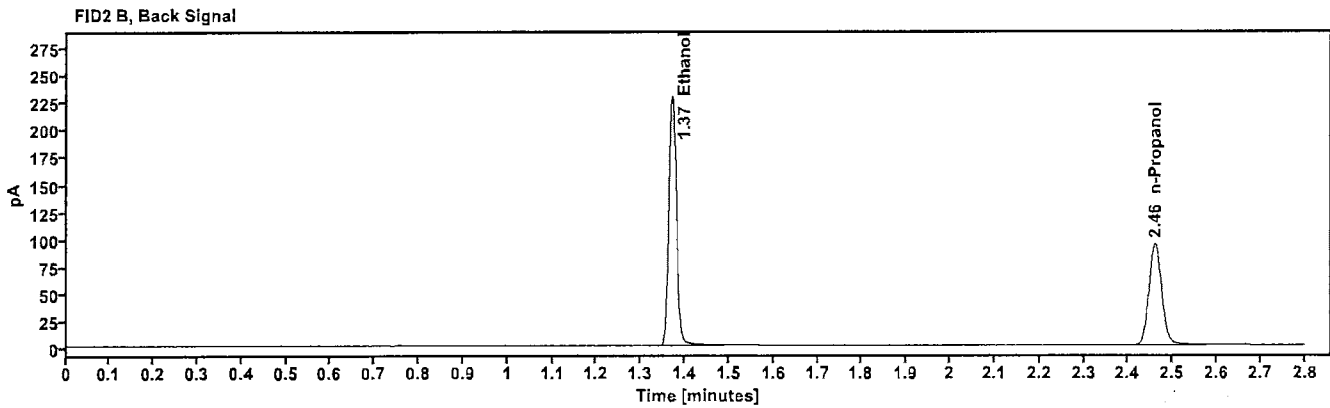
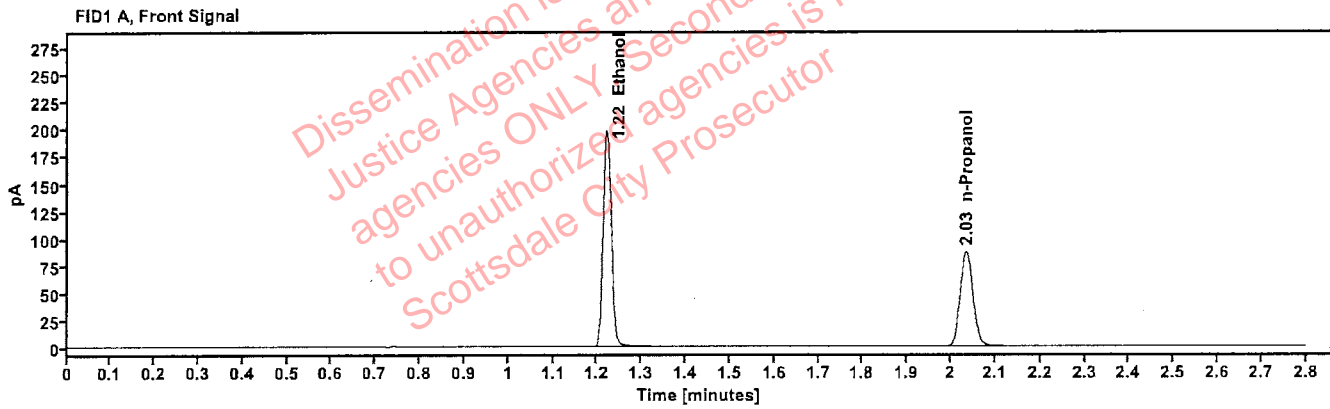


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4118	1.220	253.146
n-Propanol	---	2.035	173.613

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

Compound	Time (min)	Peak Area
Ethanol	1.370	278.848
n-Propanol	2.460	187.944

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	32
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 6:50:32 PM
Data file:	C:\Chem32\1\Data\01Oct24\32.D	Analyst:	Brooke

PB

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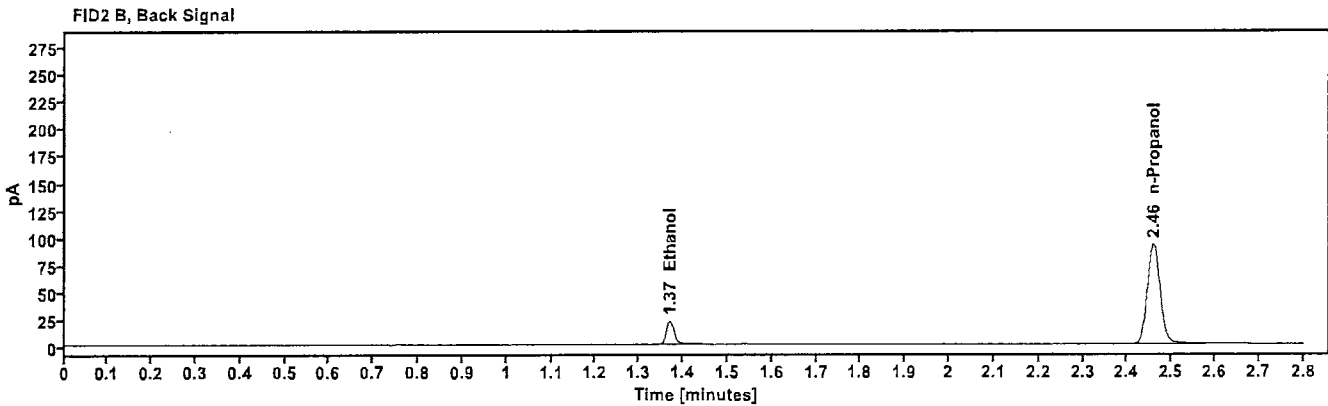
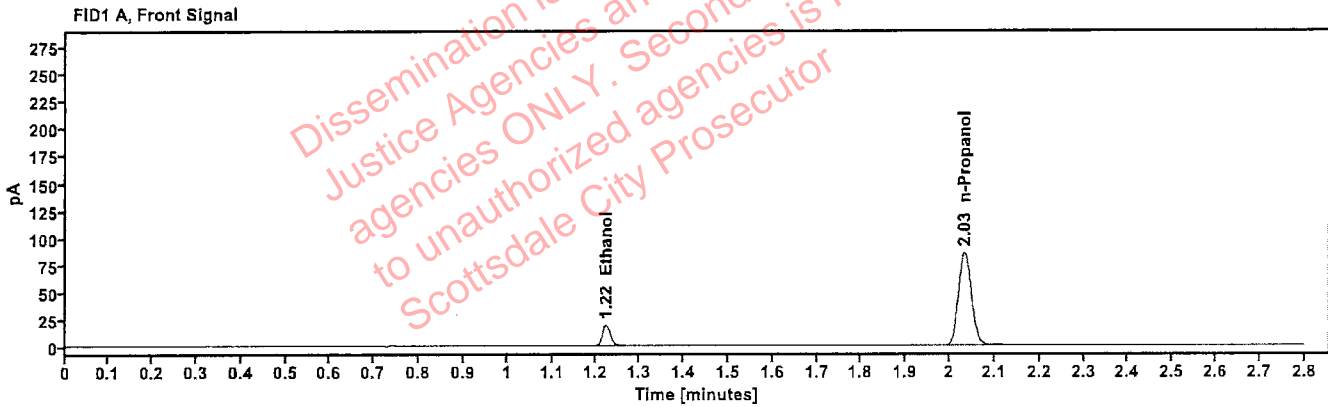


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.222	24.233
n-Propanol	-----	2.033	170.619

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

Compound	Time (min)	Peak Area
Ethanol	1.370	26.546
n-Propanol	2.458	184.970

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/11	Vial:	33
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 6:54:31 PM 10
Data file:	C:\Chem32\1\Data\01Oct24\33.D	Analyst:	Brooke

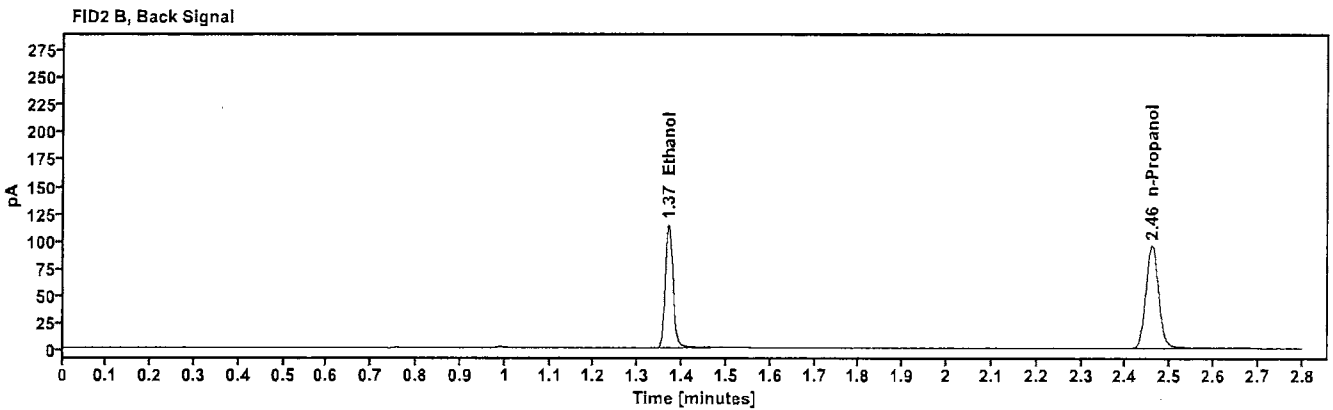
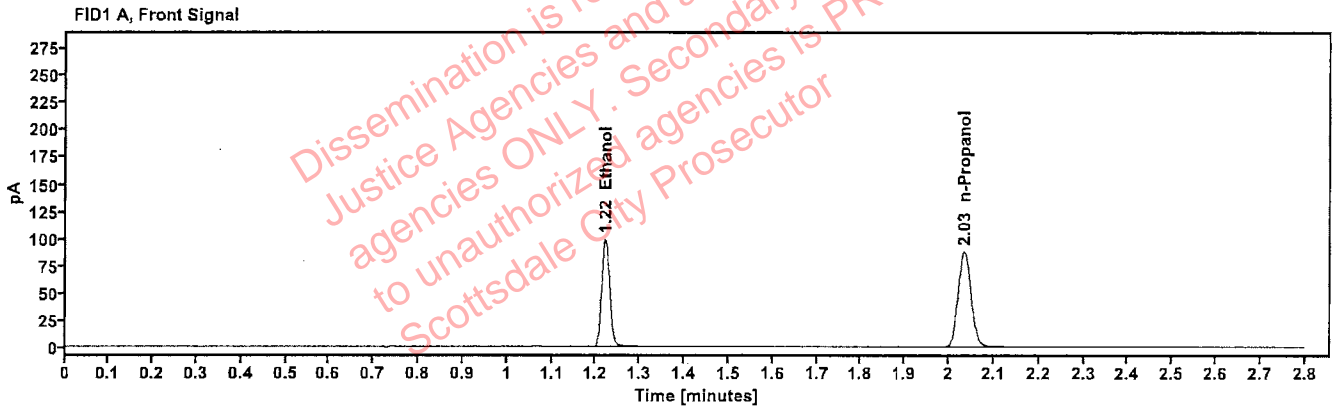


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2026	1.220	125.485
n-Propanol	---	2.034	175.335

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

Compound	Time (min)	Peak Area
Ethanol	1.370	137.902
n-Propanol	2.459	190.127

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 090524AQ	Vial: 34
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 01Oct24
Instrument: US14173023 CN14160045	Injection date: 10/1/2024 6:58:32 PM
Data file: C:\Chem32\1\Data\01Oct24\34.D	Analyst: Brooke

RB

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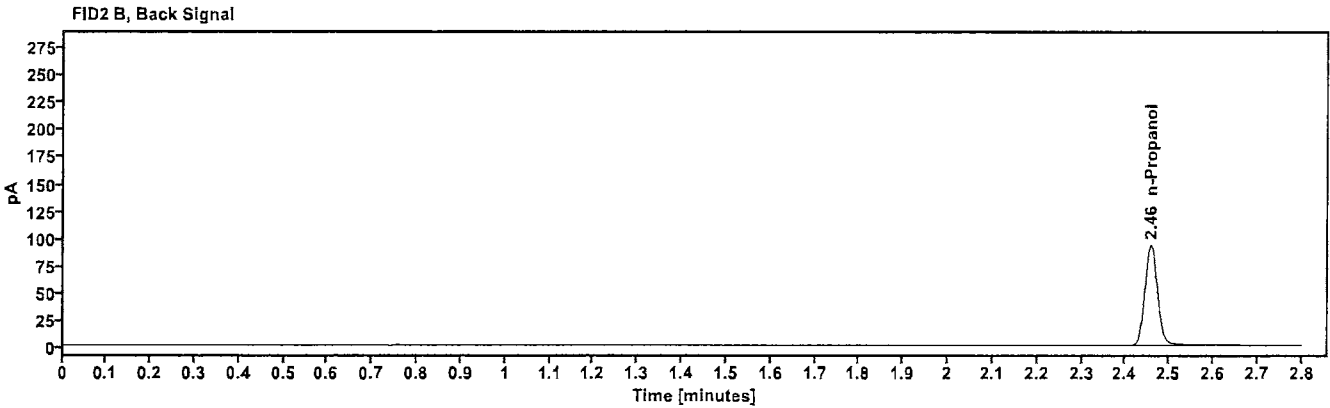
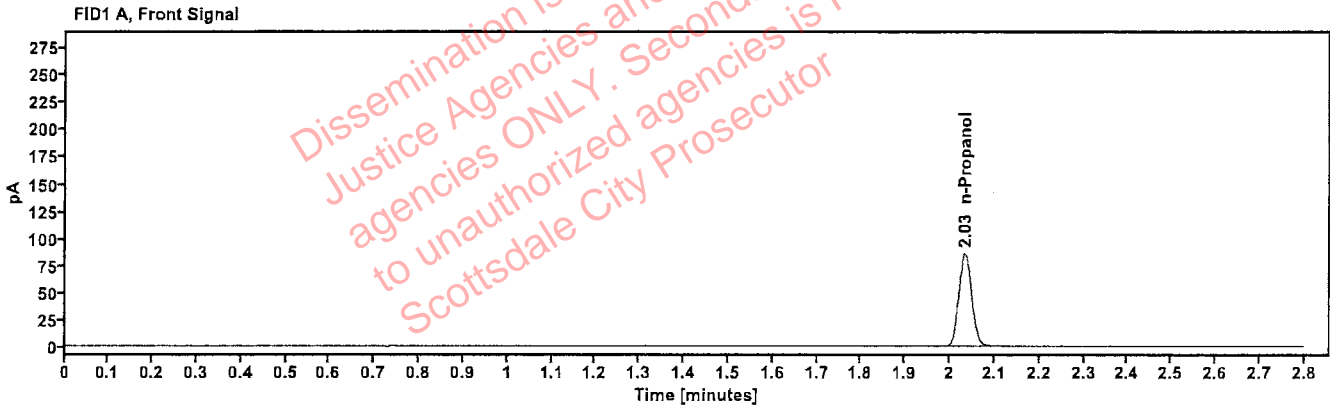


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.033	171.261

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

Compound	Time (min)	Peak Area
n-Propanol	2.458	185.975

Sequence Summary

Sequence name: 01Oct24 Instrument: US14173023 CN14160045 Analyst: Brooke

PB

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	2419195-2		Sample		ethanol quant.M
11	2419195-2		Sample		ethanol quant.M
12	2419357-2		Sample		ethanol quant.M
13	2419357-2		Sample		ethanol quant.M
14	2419263-4		Sample		ethanol quant.M
15	2419263-4		Sample		ethanol quant.M
16	2419076-1		Sample		ethanol quant.M
17	2419076-1		Sample		ethanol quant.M
18	2419159-1		Sample		ethanol quant.M
19	2419159-1		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2419506-1		Sample		ethanol quant.M
22	2419506-1		Sample		ethanol quant.M
23	2419584-2		Sample		ethanol quant.M
24	2419584-2		Sample		ethanol quant.M
25	2419595-2		Sample		ethanol quant.M
26	2419595-2		Sample		ethanol quant.M
27	2419603-1		Sample		ethanol quant.M
28	2419603-1		Sample		ethanol quant.M
29	2419693-10		Sample		ethanol quant.M
30	2419693-10		Sample		ethanol quant.M
31	12052023-B	0.400	Control		ethanol quant.M
32	518018	0.040	Control		ethanol quant.M
33	4110320133/11	0.199	Control		ethanol quant.M
34	090524AQ	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

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SEQUENCE NAME: 01Oct24

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1302	0.1304	0.13030	0.08	0.00010
12 13	0.1625	0.1624	0.16245	0.03	0.00005
14 15	0.2318	0.2305	0.23115	0.28	0.00065
16 17	0.1611	0.1609	0.16100	0.06	0.00010
18 19	0.3934	0.3913	0.39235	0.27	0.00105
21 22	0.1441	0.1445	0.14430	0.14	0.00020
23 24	0.1396	0.1393	0.13945	0.11	0.00015
25 26	0.1433	0.1435	0.14340	0.07	0.00010
27 28	0.2327	0.2278	0.23025	1.06	0.00245
29 30	0.0907	0.0917	0.09120	0.55	0.00050

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

Dissemination of restricted criminal justice agencies and all other agencies is PROHIBITED. Scottsdale City Prosecutor



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ANALYST: Brooke

SEQUENCE: 01Oct24

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2419195-2	2419195-2	2419195-2	Yes
Vials 12 and 13	2419357-2	2419357-2	2419357-2	Yes
Vials 14 and 15	2419263-4	2419263-4	2419263-4	Yes
Vials 16 and 17	2419076-1	2419076-1	2419076-1	Yes
Vials 18 and 19	2419159-1	2419159-1	2419159-1	Yes
Vials 21 and 22	2419506-1	2419506-1	2419506-1	Yes
Vials 23 and 24	2419584-2	2419584-2	2419584-2	Yes
Vials 25 and 26	2419595-2	2419595-2	2419595-2	Yes
Vials 27 and 28	2419603-1	2419603-1	2419603-1	Yes
Vials 29 and 30	2419693-10	2419693-10	2419693-10	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419195-2	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 5:21:32 PM
Data file:	C:\Chem32\1\Data\01Oct24\10.D	Analyst:	Brooke

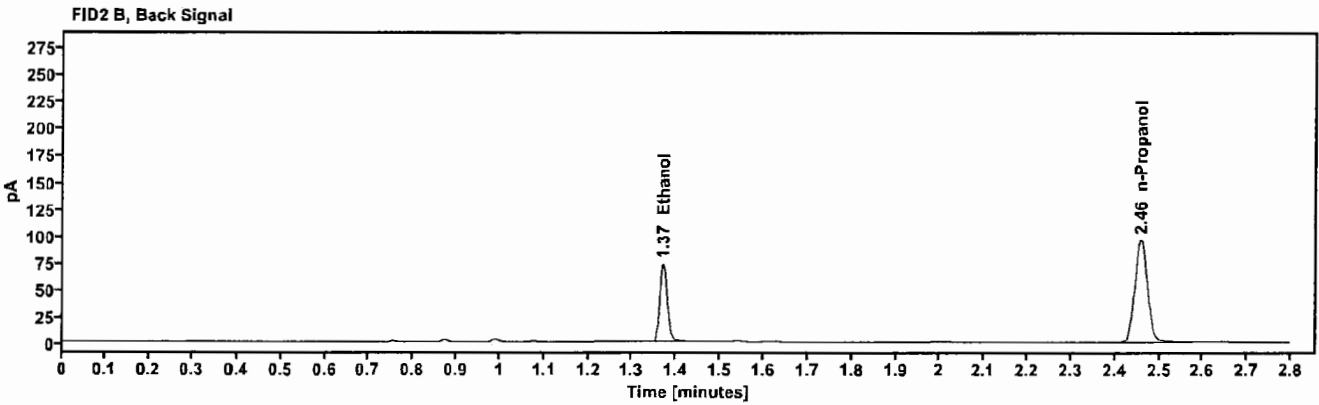
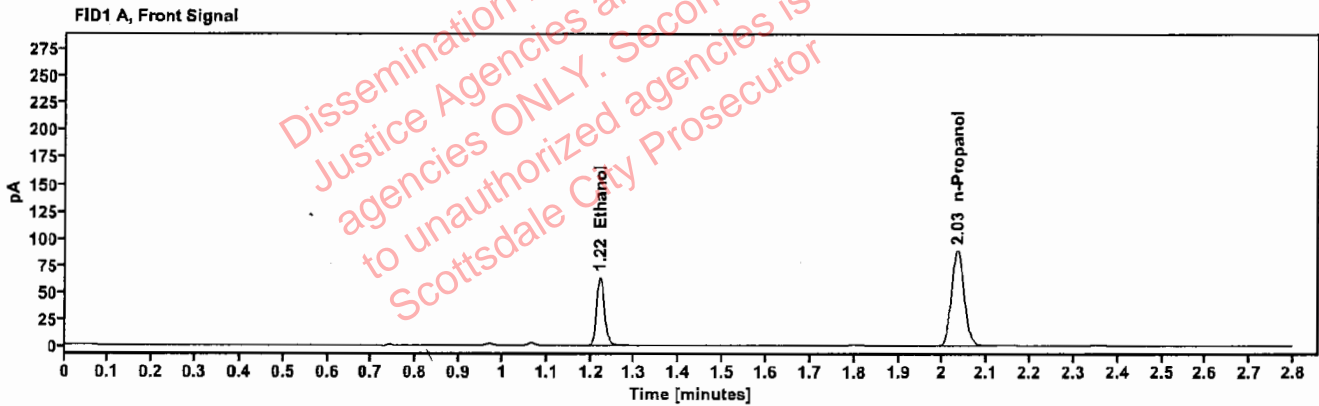


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1302	1.221	80.752
n-Propanol	-----	2.033	176.065

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

Compound	Time (min)	Peak Area
Ethanol	1.370	88.528
n-Propanol	2.458	191.404

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419195-2	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 5:25:32 PM
Data file:	C:\Chem32\11\Data\01Oct24\11.D	Analyst:	Brooke

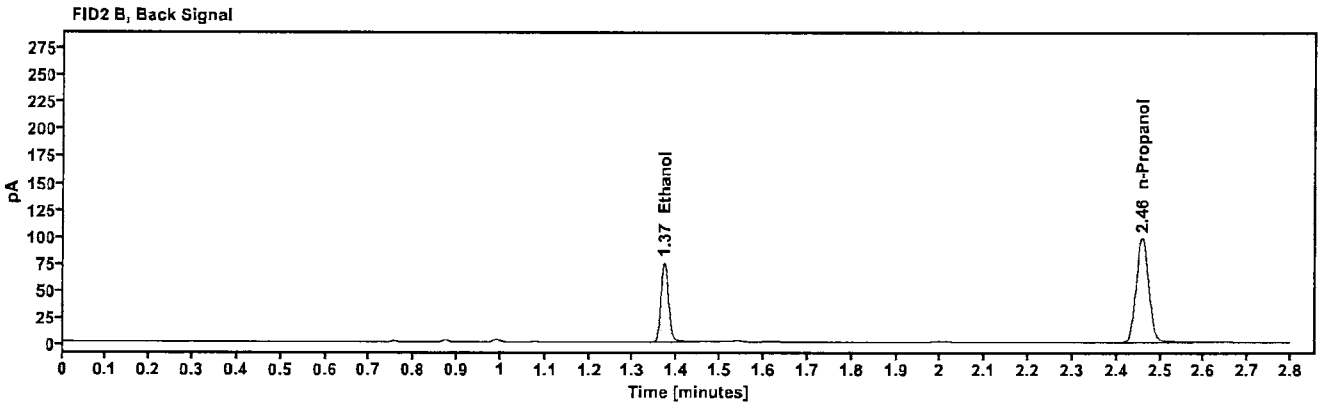
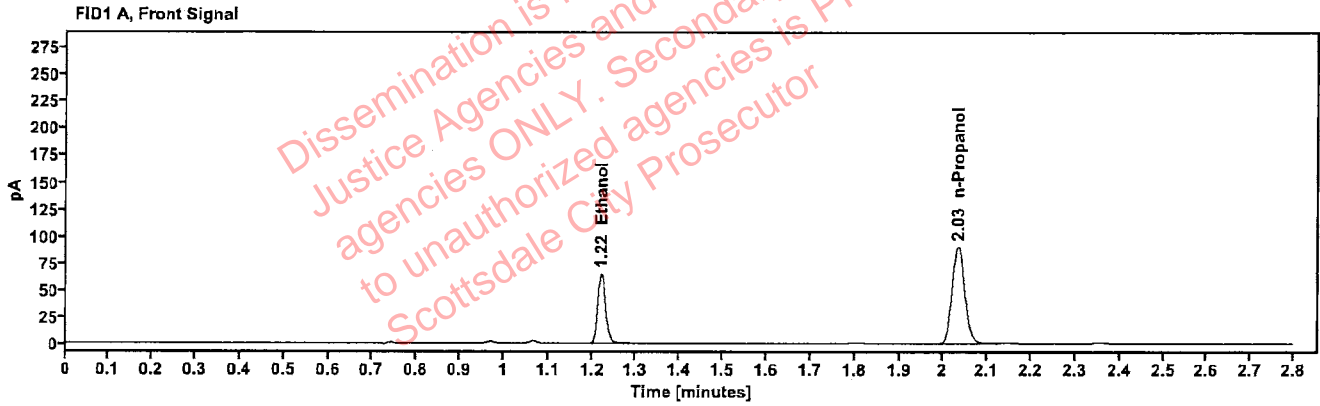


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1304	1.221	82.691
n-Propanol	---	2.033	180.035

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

Compound	Time (min)	Peak Area
Ethanol	1.370	90.697
n-Propanol	2.458	195.780

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419357-2	Vial:	12
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 5:29:32 PM
Data file:	C:\Chem32\1\Data\01Oct24\12.D	Analyst:	Brooke

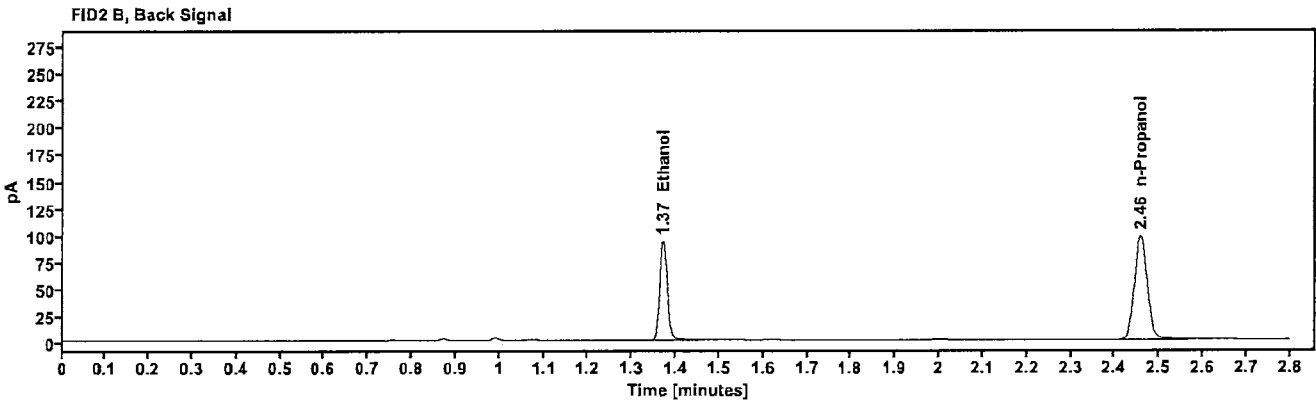
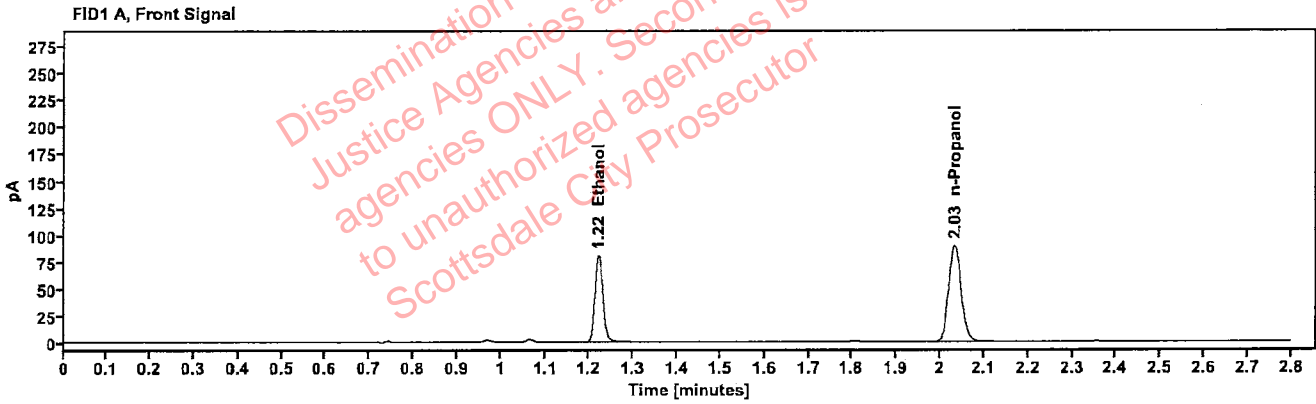


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1625	1.220	102.835
n-Propanol	---	2.033	179.356

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

Compound	Time (min)	Peak Area
Ethanol	1.370	112.730
n-Propanol	2.458	194.180

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419357-2	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 5:33:47 PM
Data file:	C:\Chem32\1\Data\01Oct24\13.D	Analyst:	Brooke

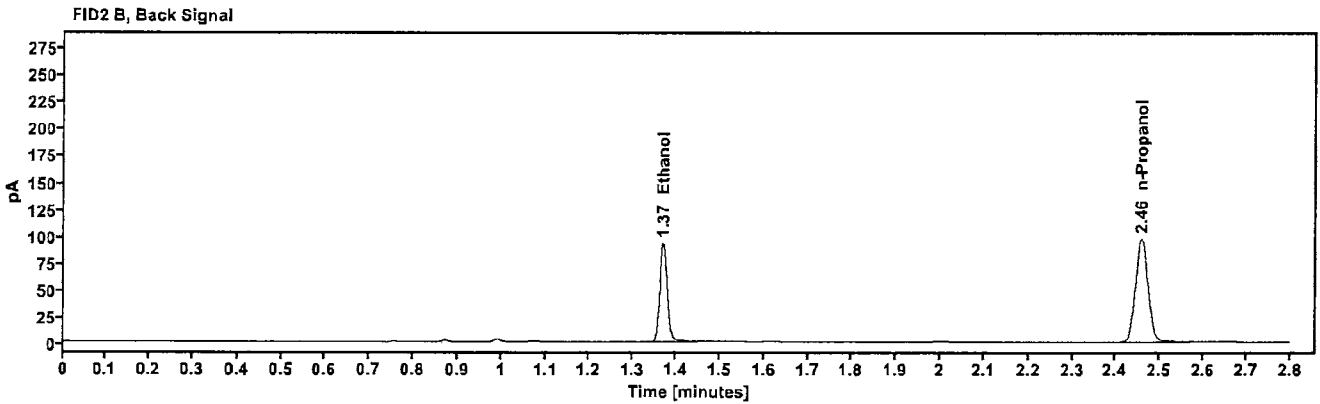
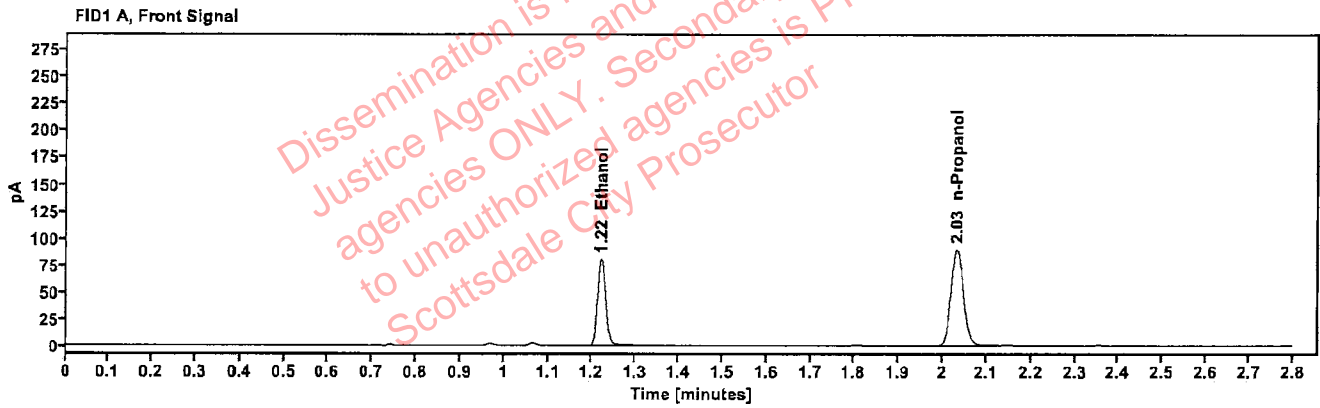


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1624	1.220	102.432
n-Propanol	-----	2.032	178.798

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

Compound	Time (min)	Peak Area
Ethanol	1.369	112.393
n-Propanol	2.457	193.621

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419263-4	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 5:37:47 PM
Data file:	C:\Chem32\1\Data\01Oct24\14.D	Analyst:	Brooke

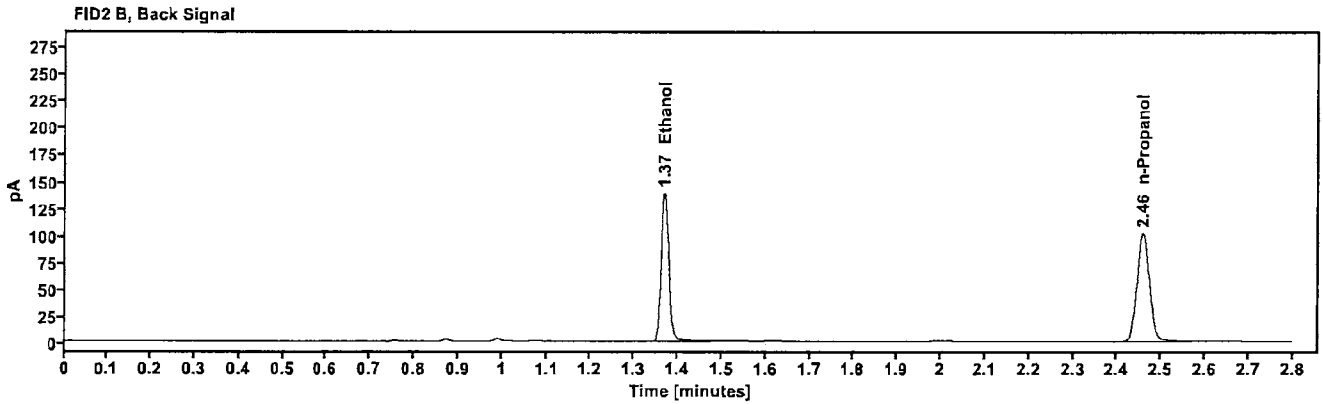
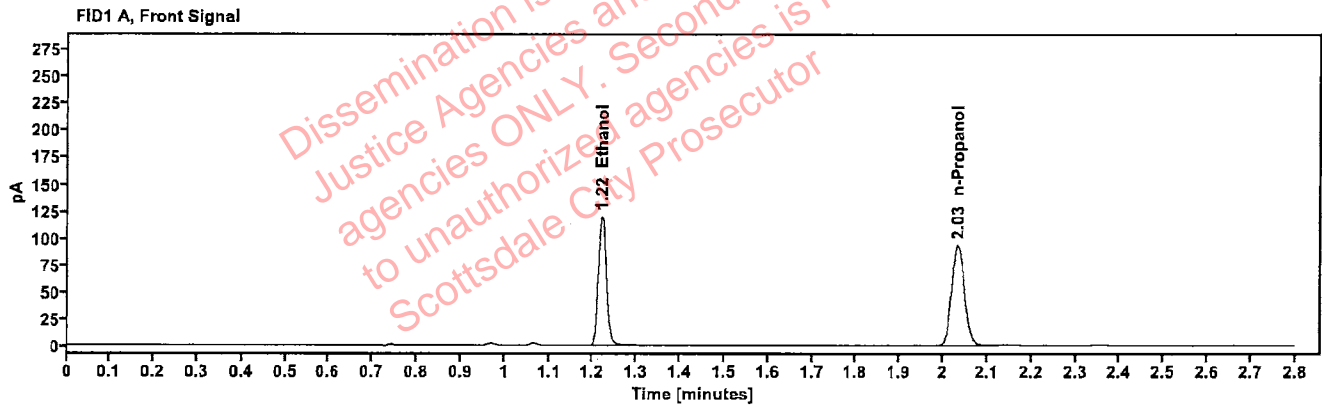


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2318	1.220	152.707
n-Propanol	---	2.033	186.395

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

Compound	Time (min)	Peak Area
Ethanol	1.369	169.102
n-Propanol	2.458	202.390

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419263-4	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 5:41:47 PM
Data file:	C:\Chem32\1\Data\01Oct24\15.D	Analyst:	Brooke

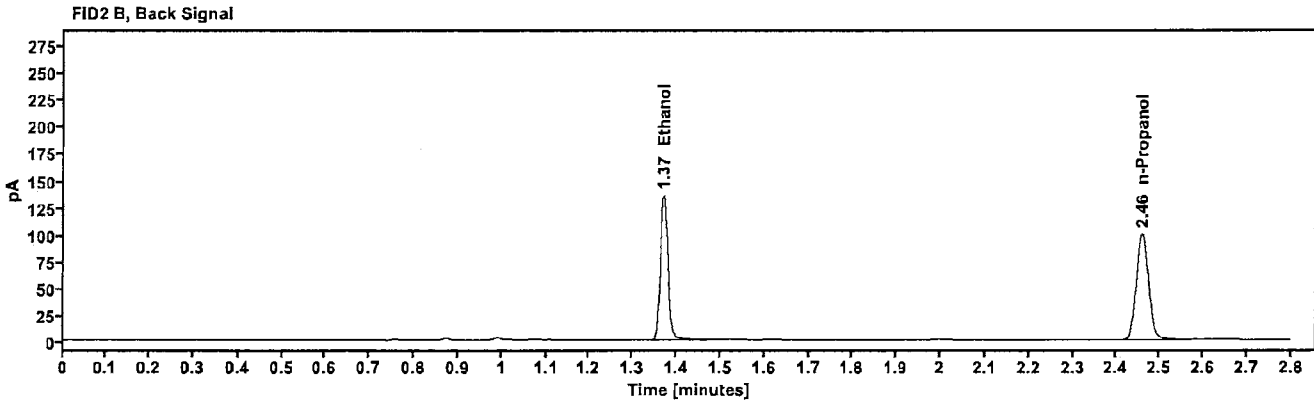
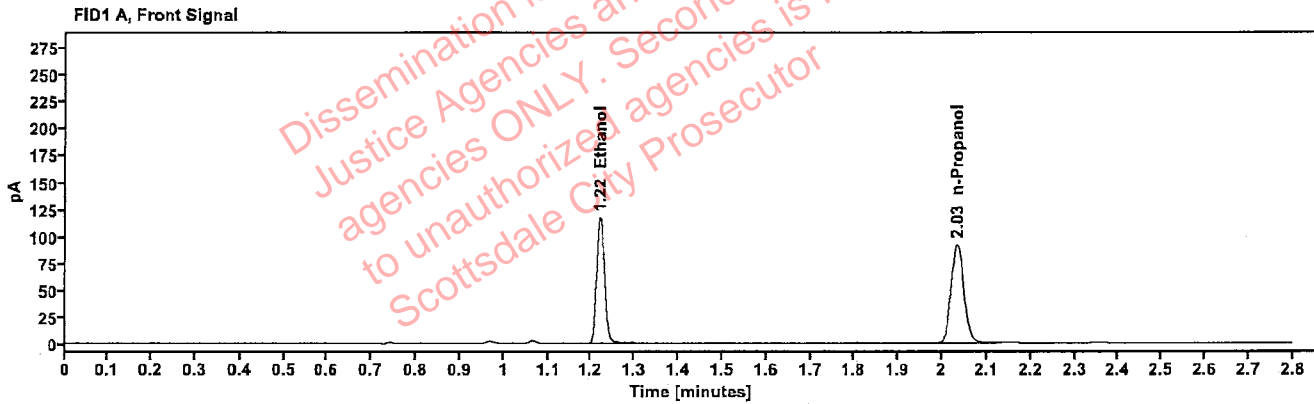


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2305	1.220	149.257
n-Propanol	---	2.034	183.212

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

Compound	Time (min)	Peak Area
Ethanol	1.370	165.259
n-Propanol	2.459	198.835

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419076-1	Vial:	16
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 5:45:46 PM
Data file:	C:\Chem32\1\Data\01Oct24\16.D	Analyst:	Brooke

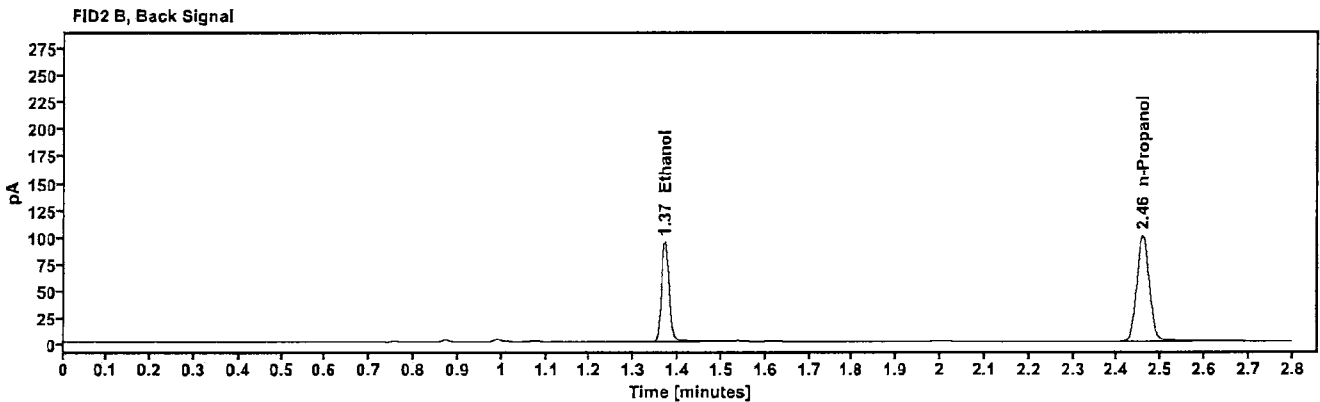
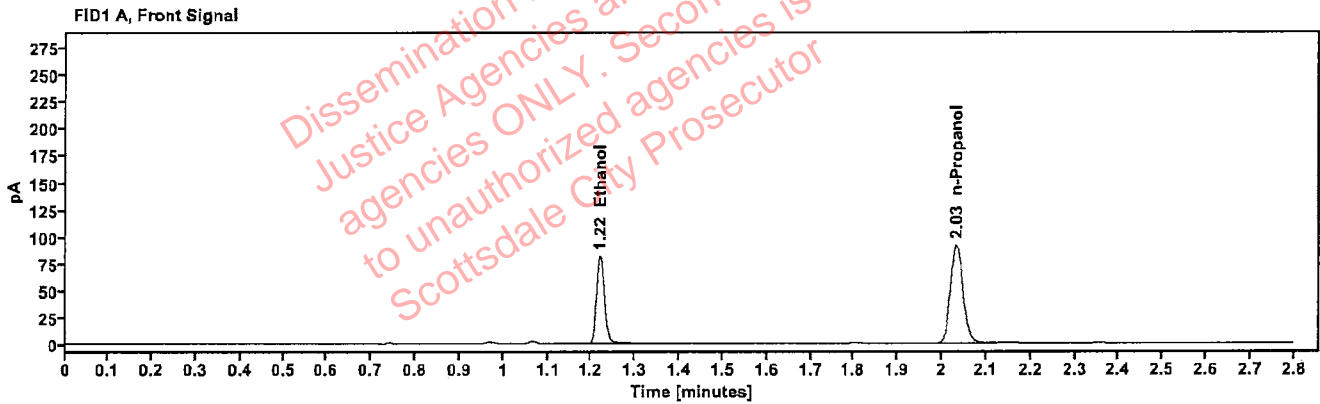


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1611	1.220	103.941
n-Propanol	—	2.033	182.890

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

Compound	Time (min)	Peak Area
Ethanol	1.370	114.113
n-Propanol	2.458	198.631

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419076-1	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 5:49:47 PM
Data file:	C:\Chem32\1\Data\01Oct24\17.D	Analyst:	Brooke

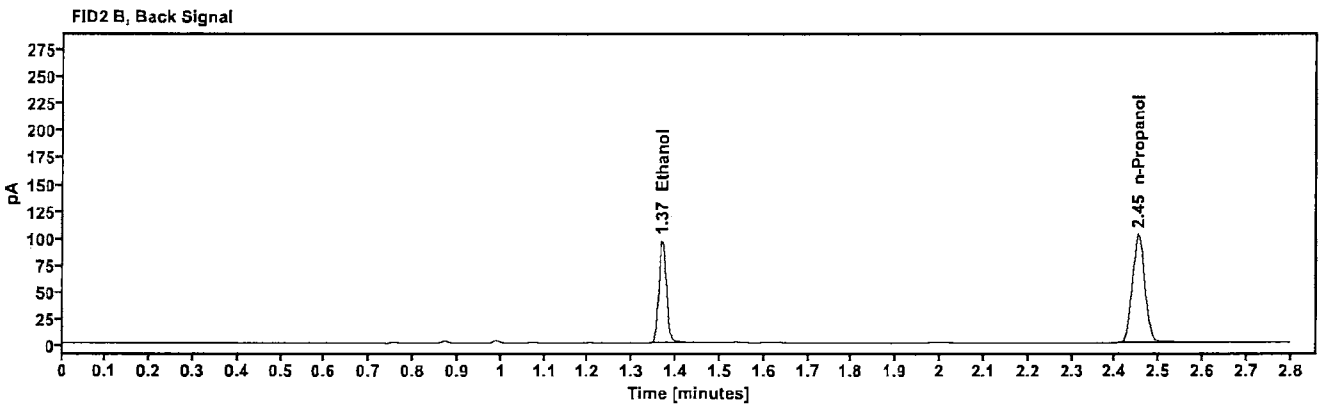
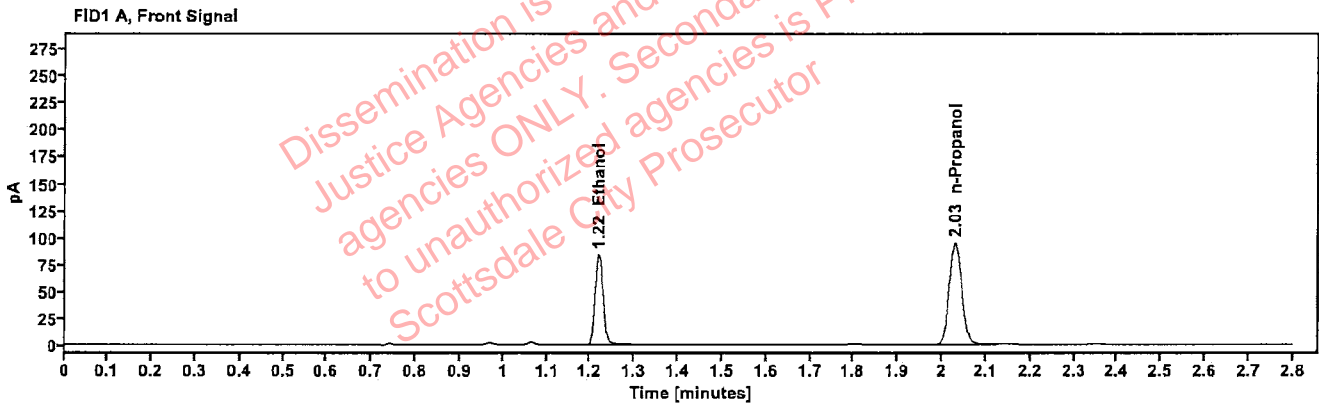


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1609	1.219	106.726
n-Propanol	-----	2.030	188.055

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

Compound	Time (min)	Peak Area
Ethanol	1.368	116.868
n-Propanol	2.453	203.882

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419159-1	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 5:53:47 PM
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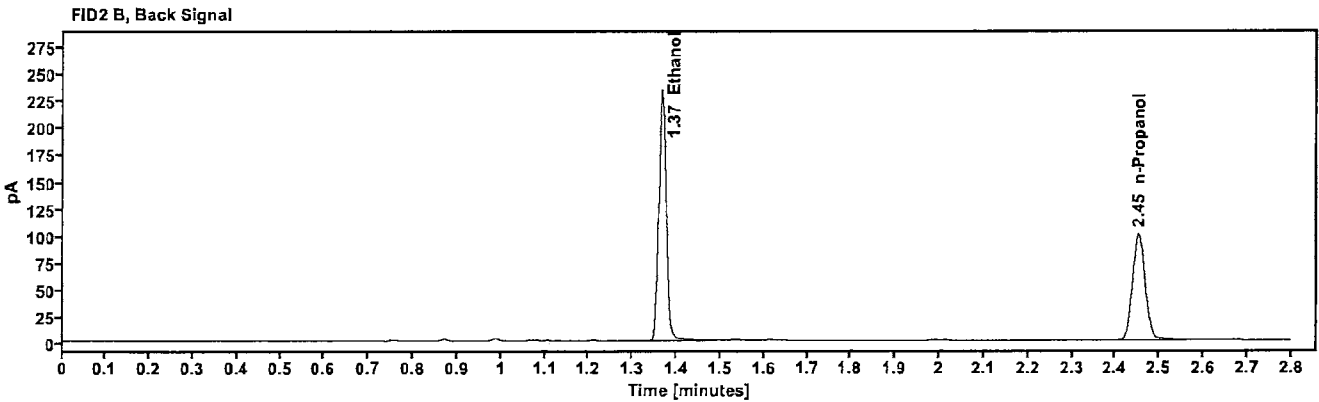
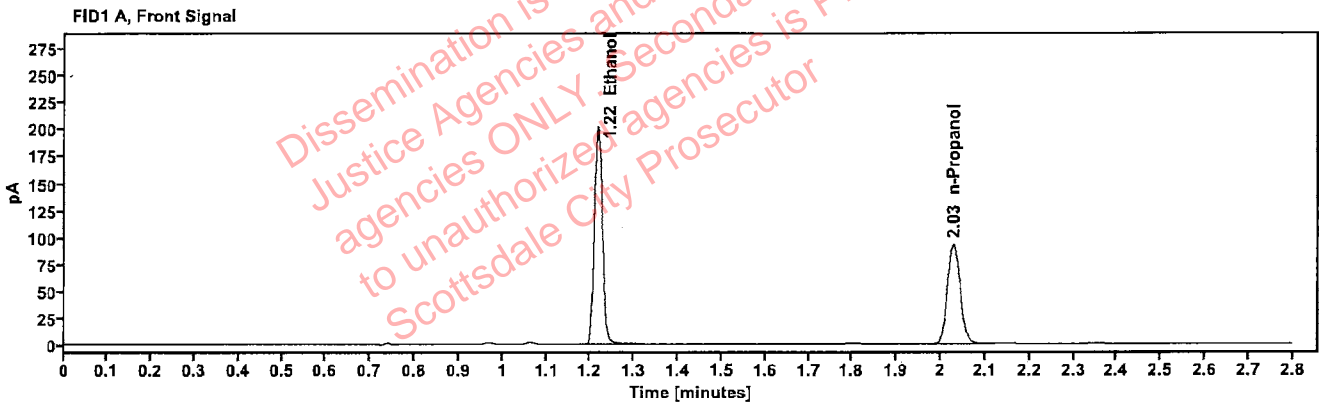


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3934	1.217	257.907
n-Propanol	---	2.028	185.173

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

Compound	Time (min)	Peak Area
Ethanol	1.366	284.906
n-Propanol	2.453	200.355

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419159-1	Vial:	19
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 5:58:02 PM
Data file:	C:\Chem32\1\Data\01Oct24\19.D	Analyst:	Brooke

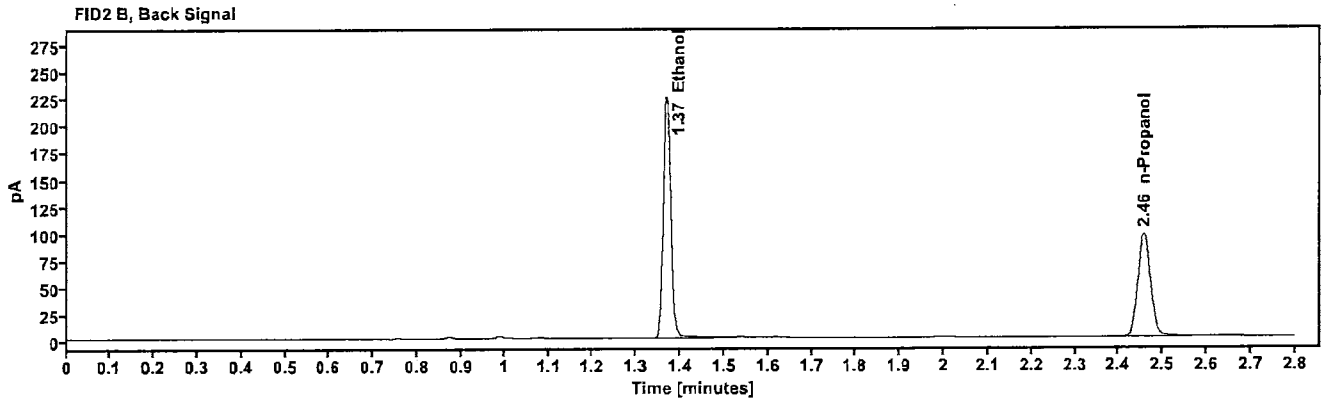
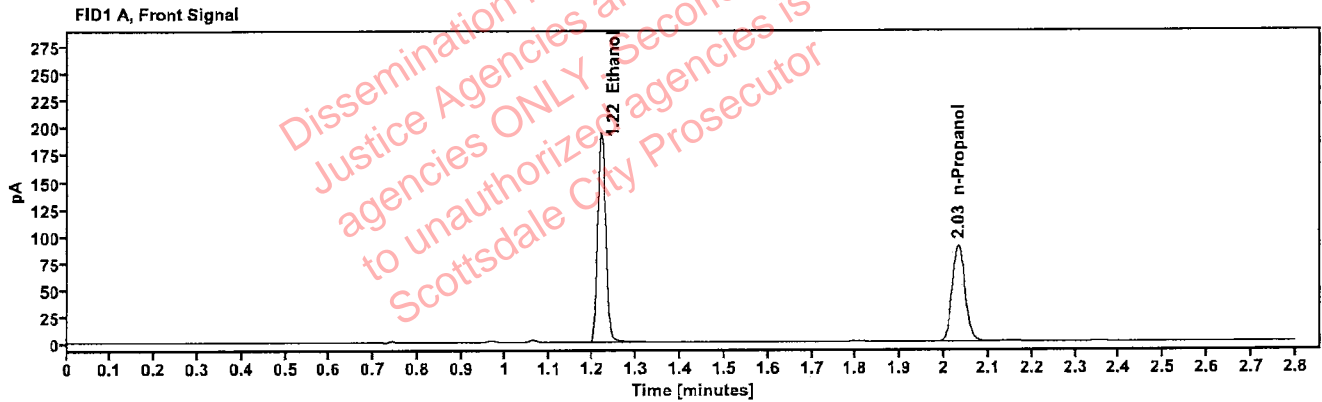


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3913	1.219	248.073
n-Propanol	—	2.032	179.049

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

Compound	Time (min)	Peak Area
Ethanol	1.369	274.255
n-Propanol	2.457	193.773

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 2419506-1	Vial: 21
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 01Oct24
Instrument: US14173023 CN14160045	Injection date: 10/1/2024 6:06:02 PM
Data file: C:\Chem32\1\Data\01Oct24\21.D	Analyst: Brooke

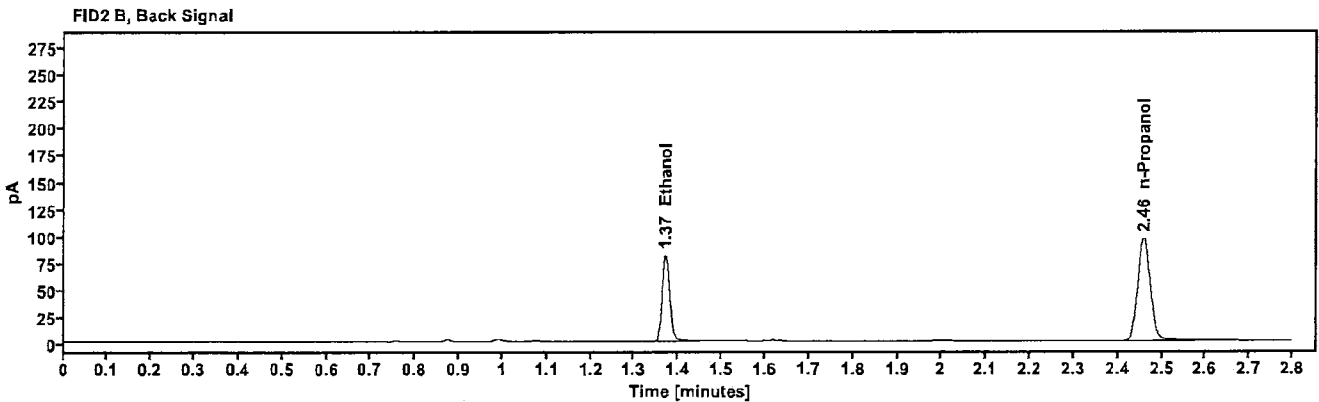
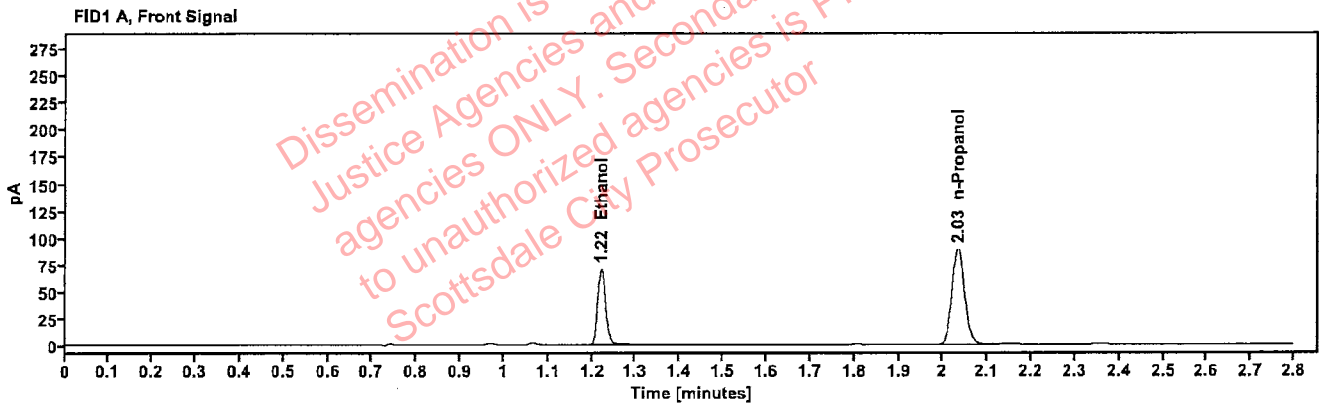


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1441	1.221	89.939
n-Propanol	---	2.034	177.022

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

Compound	Time (min)	Peak Area
Ethanol	1.370	98.524
n-Propanol	2.459	192.508

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419506-1	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 6:10:02 PM
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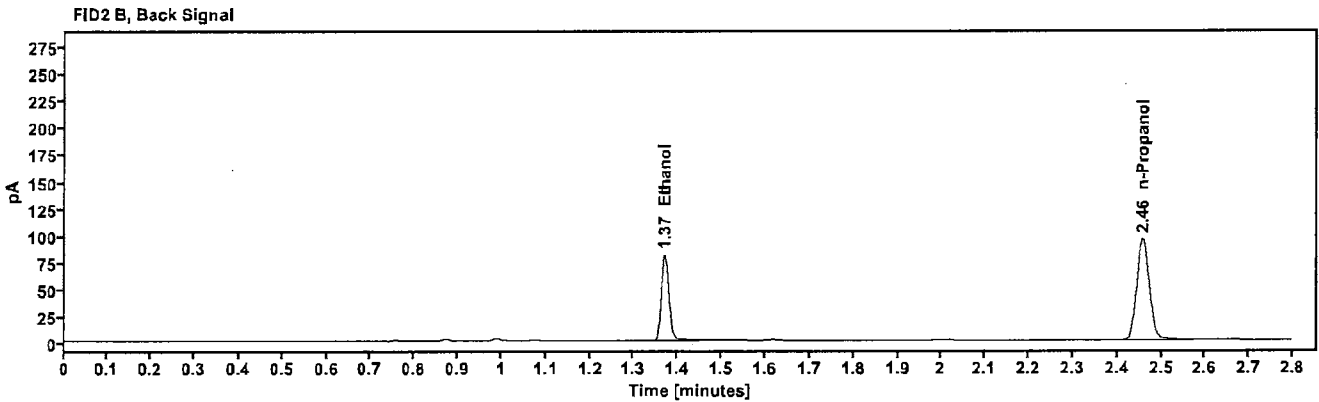
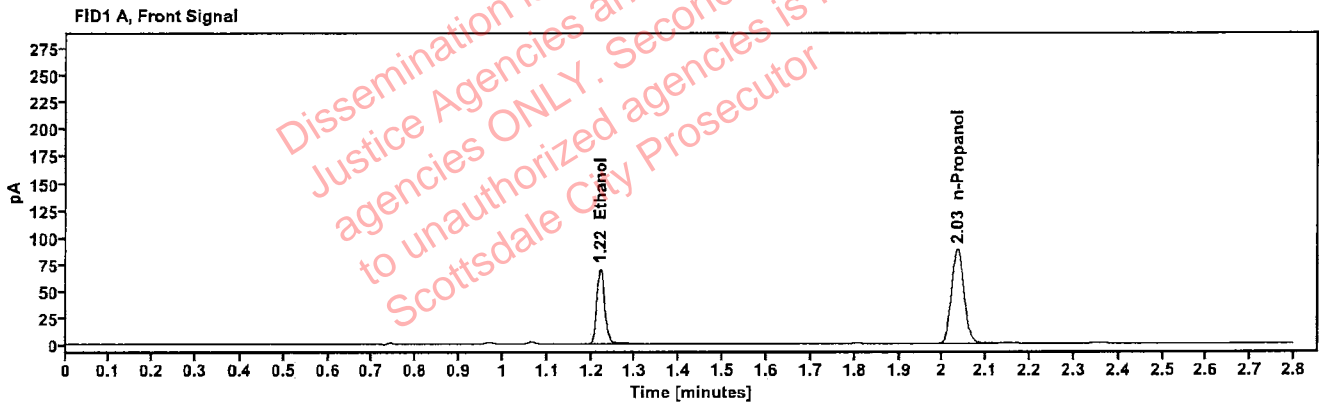


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1445	1.220	89.058
n-Propanol	---	2.033	174.884

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

Compound	Time (min)	Peak Area
Ethanol	1.369	97.474
n-Propanol	2.458	190.021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419584-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 6:14:02 PM
Data file:	C:\Chem32\1\Data\01Oct24\23.D	Analyst:	Brooke

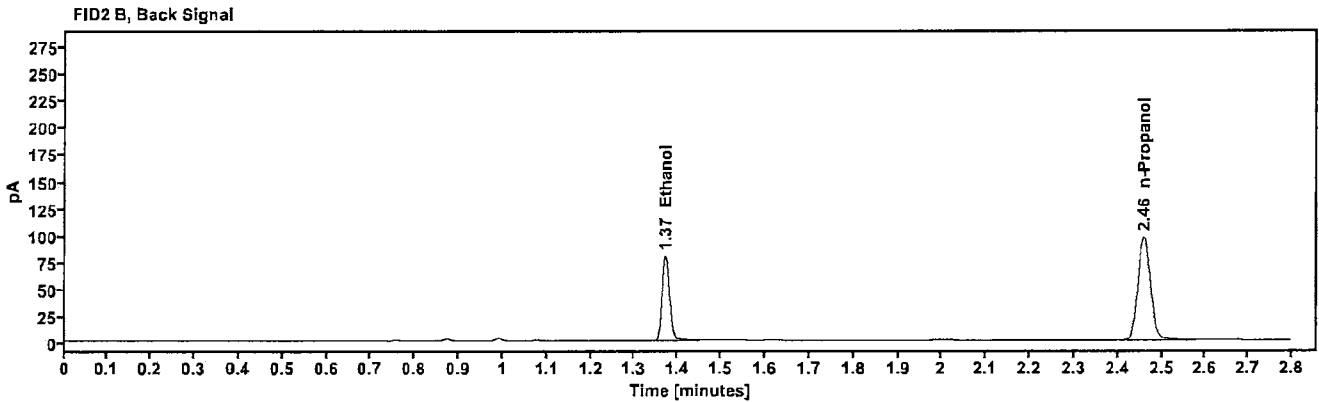
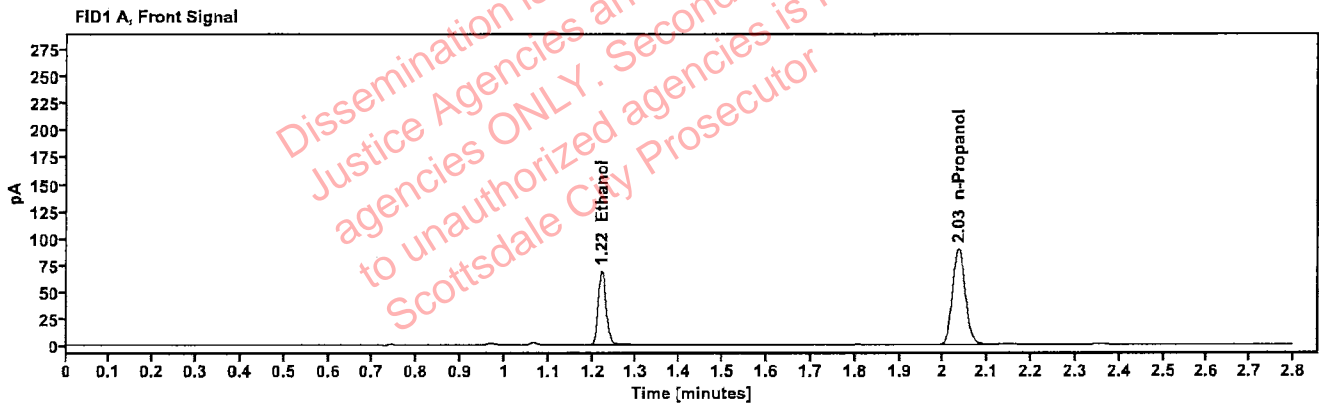


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1396	1.221	87.775
n-Propanol	---	2.034	178.359

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

Compound	Time (min)	Peak Area
Ethanol	1.371	96.191
n-Propanol	2.459	193.897

Brooke, Phillip - (02-Oct-2024)

Case: [REDACTED] User: pbrooke 10/2/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419584-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 6:18:02 PM
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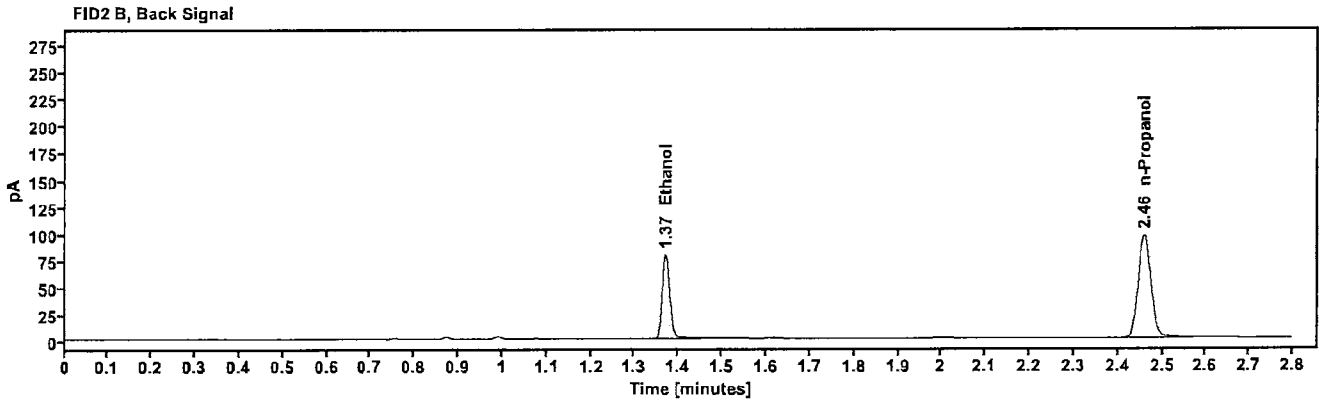
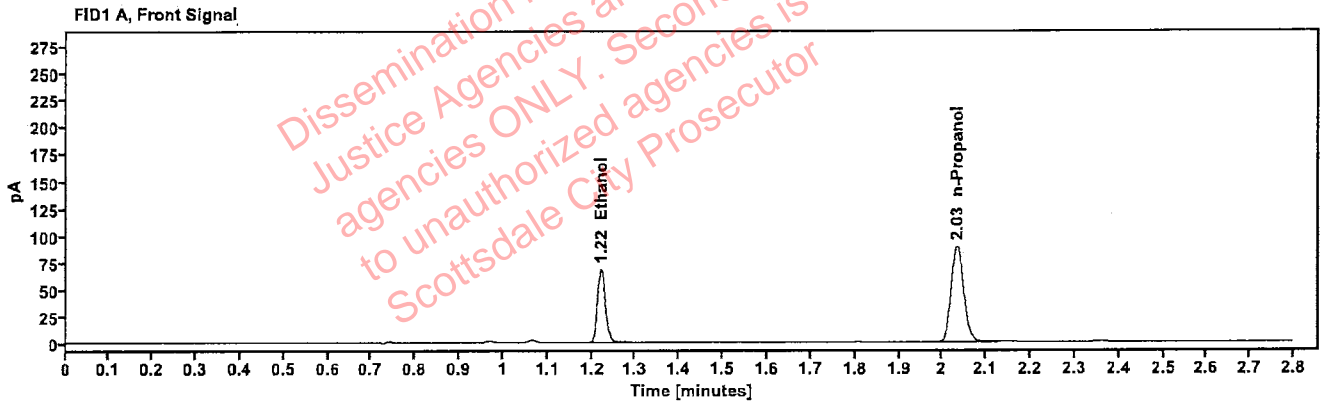


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1393	1.221	87.230
n-Propanol	---	2.034	177.642

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

Compound	Time (min)	Peak Area
Ethanol	1.370	95.670
n-Propanol	2.459	192.725

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 2419595-2	Vial: 25
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 01Oct24
Instrument: US14173023 CN14160045	Injection date: 10/1/2024 6:22:17 PM
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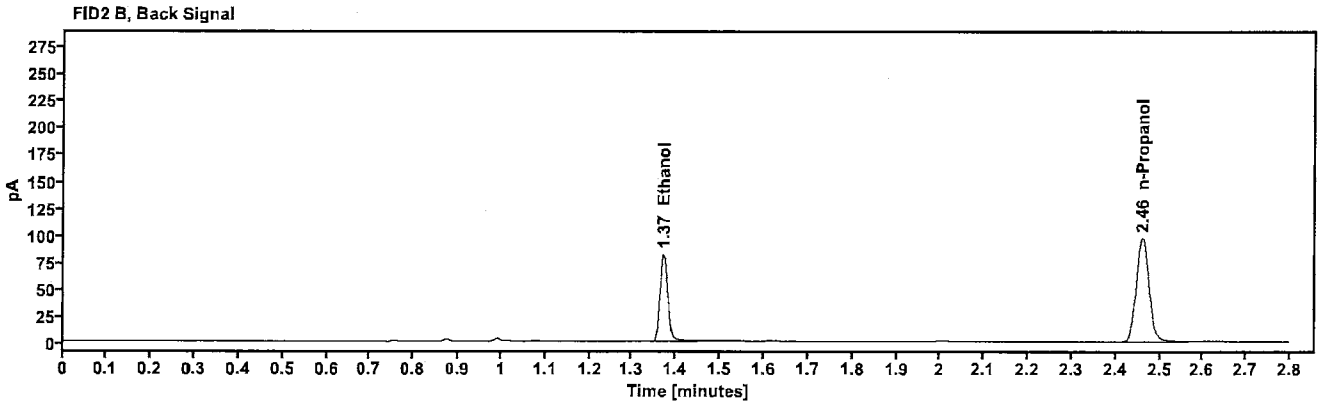
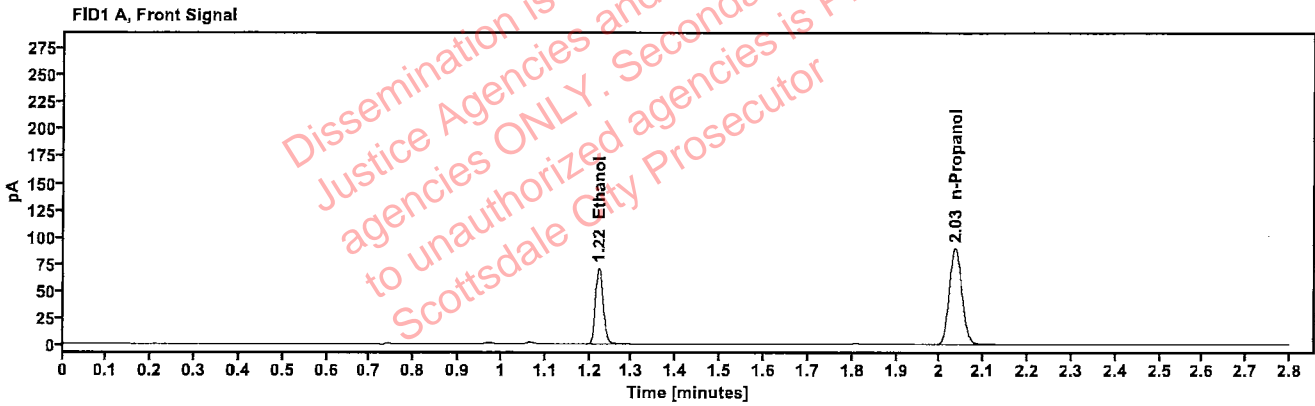


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1433	1.222	90.051
n-Propanol	—	2.035	178.312

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

Compound	Time (min)	Peak Area
Ethanol	1.371	98.569
n-Propanol	2.460	193.174

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419595-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 6:26:16 PM
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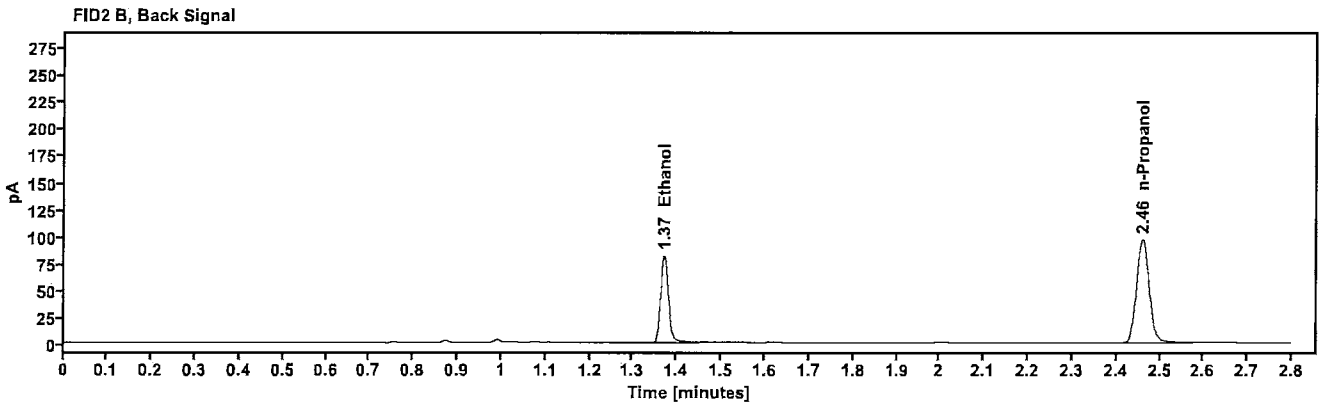
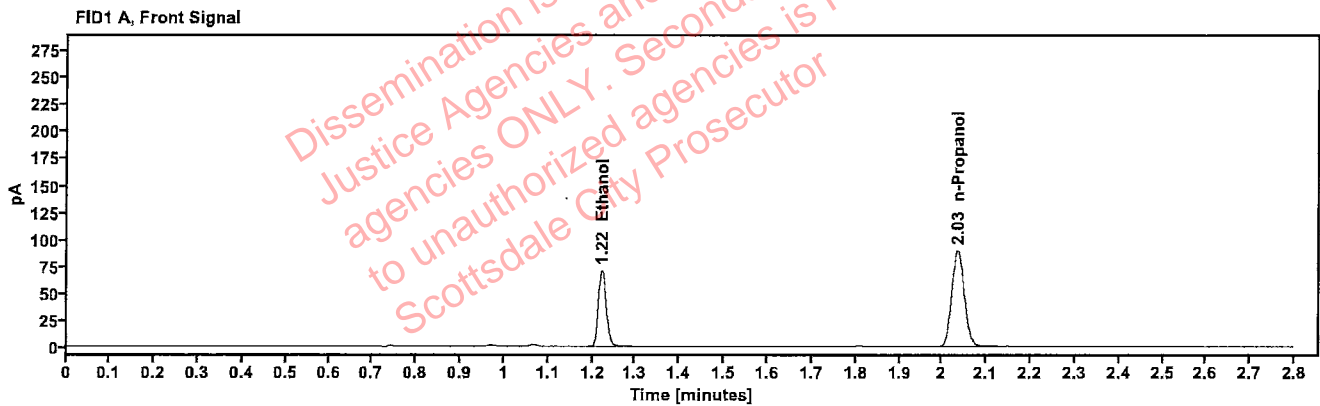


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1435	1.221	90.204
n-Propanol	---	2.035	178.259

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

Compound	Time (min)	Peak Area
Ethanol	1.371	98.772
n-Propanol	2.460	193.362

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419603-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 6:30:17 PM
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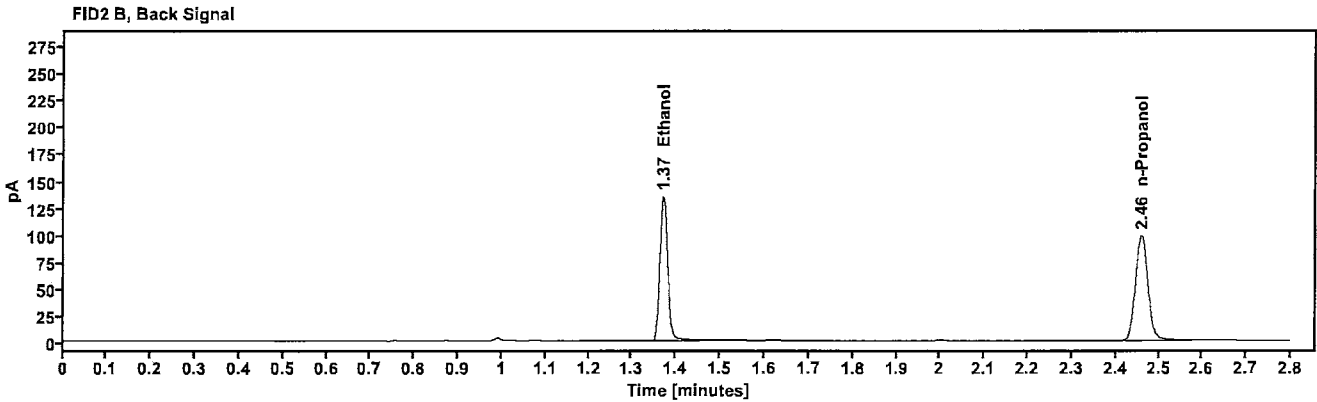
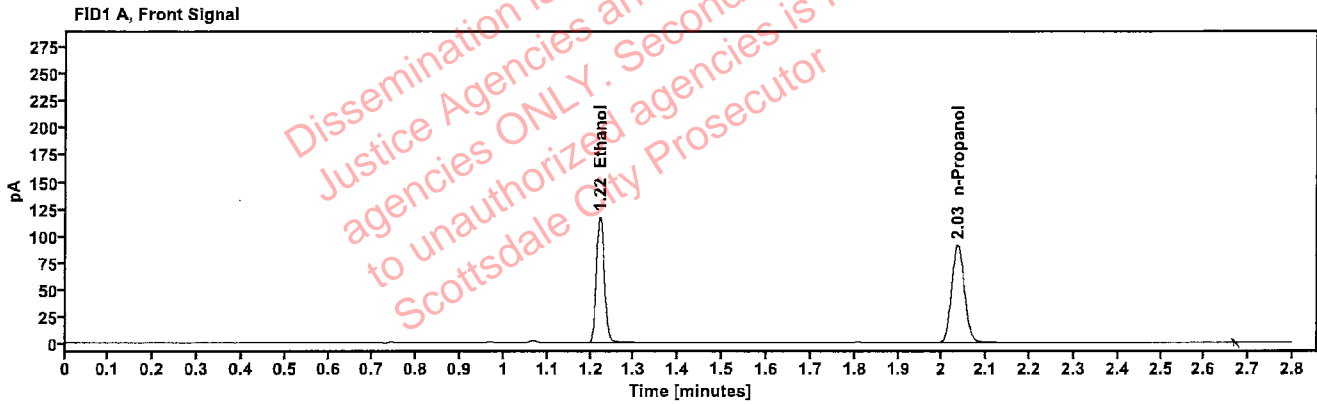


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2327	1.221	149.101
n-Propanol	—	2.034	181.285

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

Compound	Time (min)	Peak Area
Ethanol	1.370	163.448
n-Propanol	2.460	196.542

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419603-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 6:34:17 PM
Data file:	C:\Chem32\1\Data\01Oct24\28.D	Analyst:	Brooke

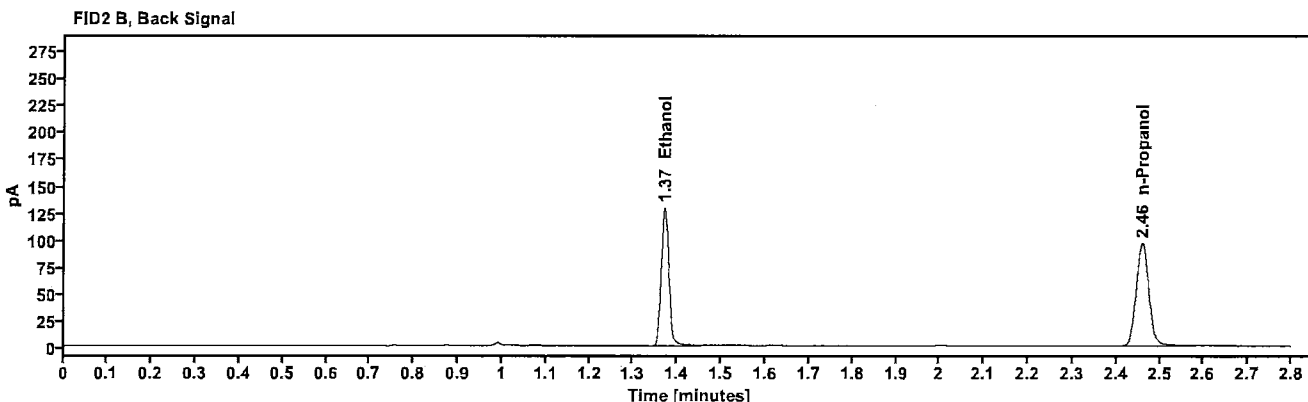
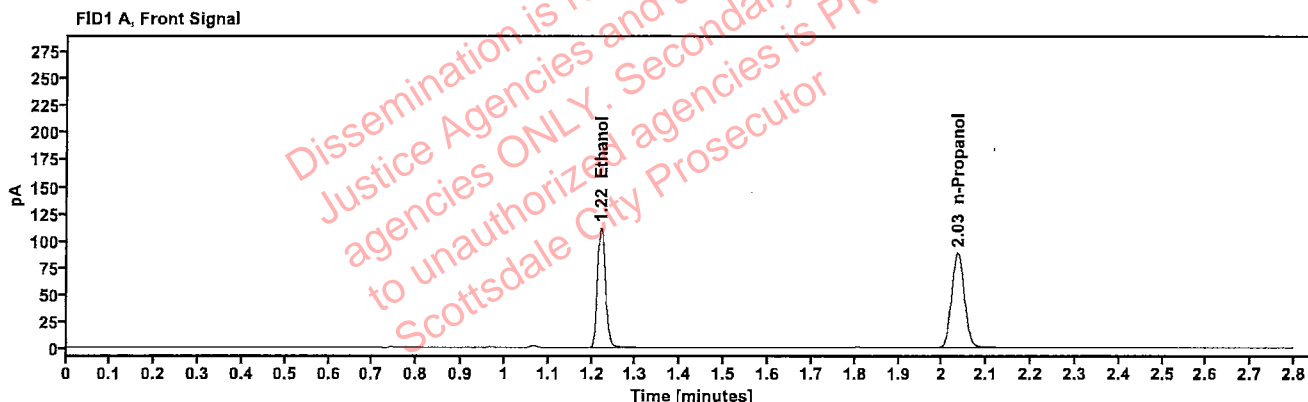


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2278	1.221	142.093
n-Propanol	---	2.034	176.519

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

Compound	Time (min)	Peak Area
Ethanol	1.370	155.852
n-Propanol	2.459	191.258

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419693-10	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 6:38:17 PM
Data file:	C:\Chem32\1\Data\01Oct24\29.D	Analyst:	Brooke

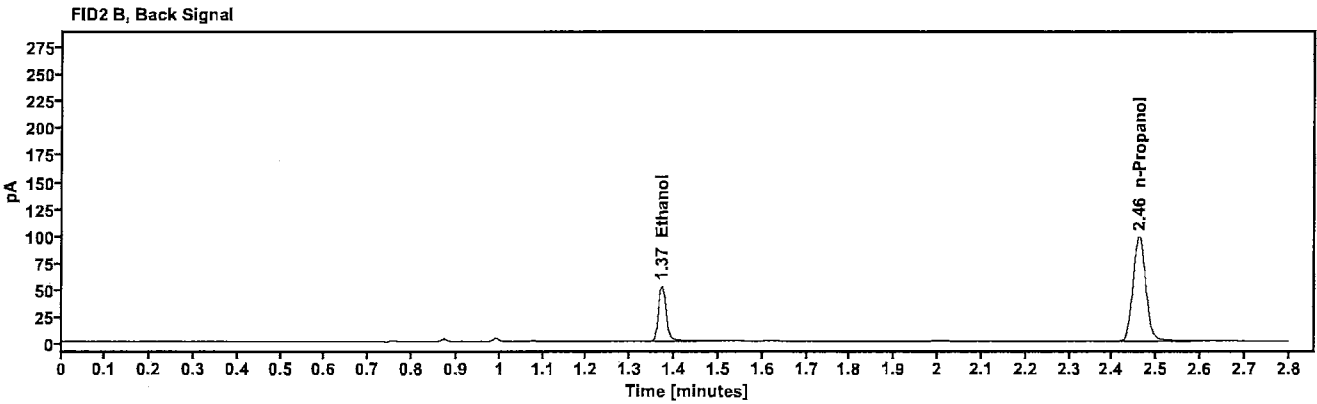
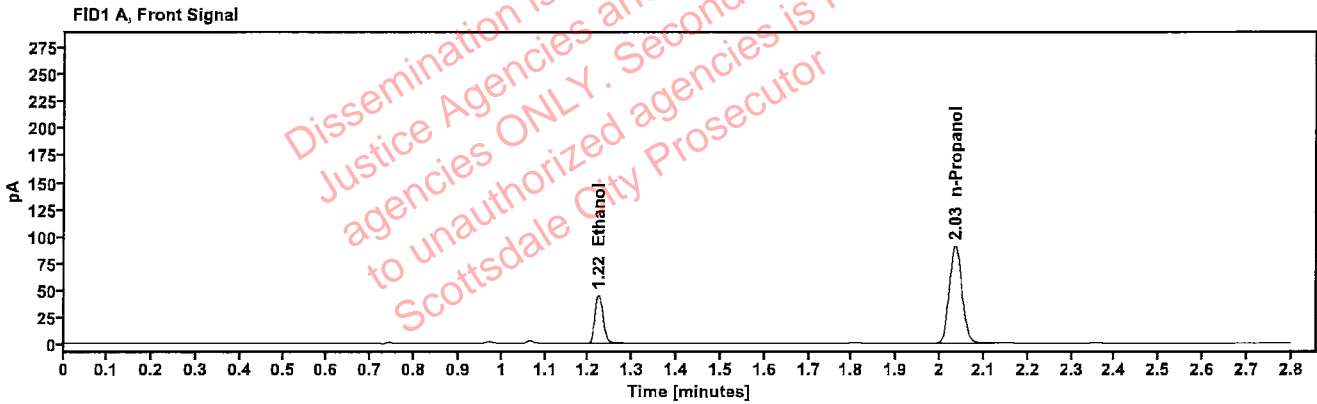


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0907	1.222	57.404
n-Propanol	—	2.035	180.350

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

Compound	Time (min)	Peak Area
Ethanol	1.371	62.849
n-Propanol	2.460	196.208

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419693-10	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct24
Instrument:	US14173023 CN14160045	Injection date:	10/1/2024 6:42:17 PM
Data file:	C:\Chem32\1\Data\01Oct24\30.D	Analyst:	Brooke

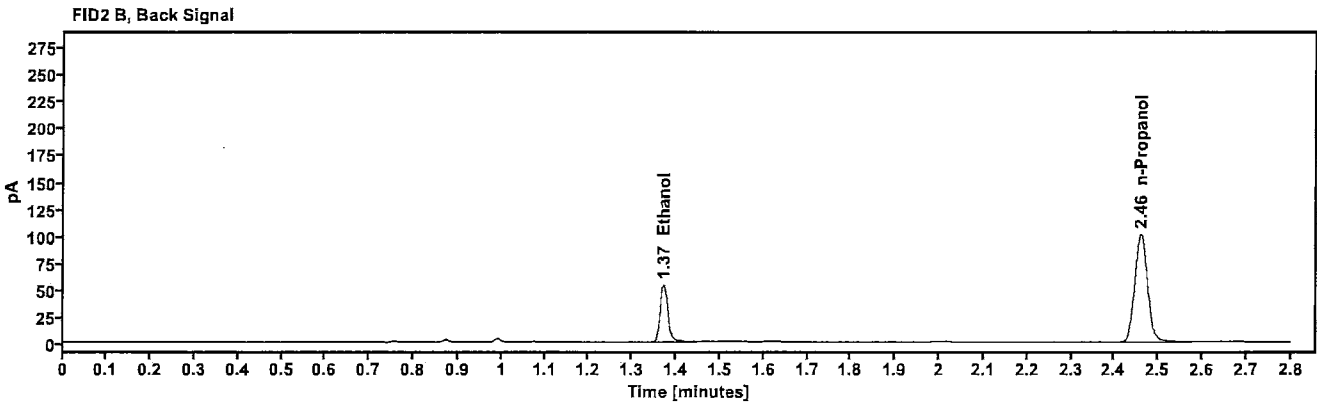
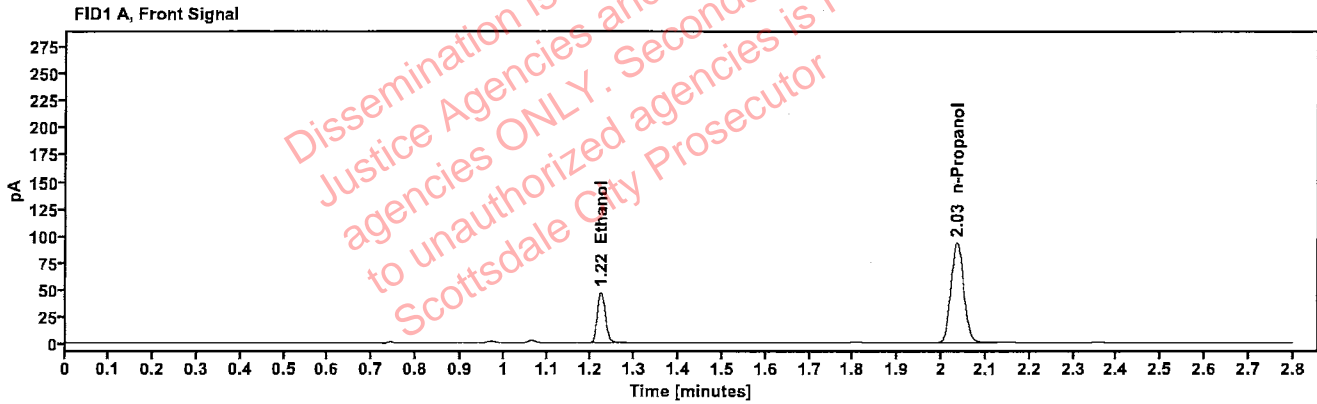


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0917	1.222	59.799
n-Propanol	—	2.034	185.669

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

Compound	Time (min)	Peak Area
Ethanol	1.371	65.231
n-Propanol	2.460	201.775