

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 12/26/2017 SEQUENCE NAME 26Dec17

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN06181501 0.99997
 Vial 3 0.20 calibrator Lot FN07201502
 Vial 4 0.40 calibrator Lot FN11191402

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 090517
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.152 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/3
53	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
64	Aqueous control	0.150 g/dL	0.153 g/dL	Lipomed 09022015-C
75	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/3
86	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
89	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 08012015-C
90	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 09022015-A
91	Blood control	0.198 g/dL	0.202 g/dL	ACQ 407041529/3
92	Blank	Not detected	Not detected	SPD lab 090517

SUBJECT SAMPLES

Subjects in the sequence 36 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid WA B1570 12/27/17
 Run invalid
 Analyst

Run valid WR B1466 12/27/17
 Run invalid
 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 26Dec17

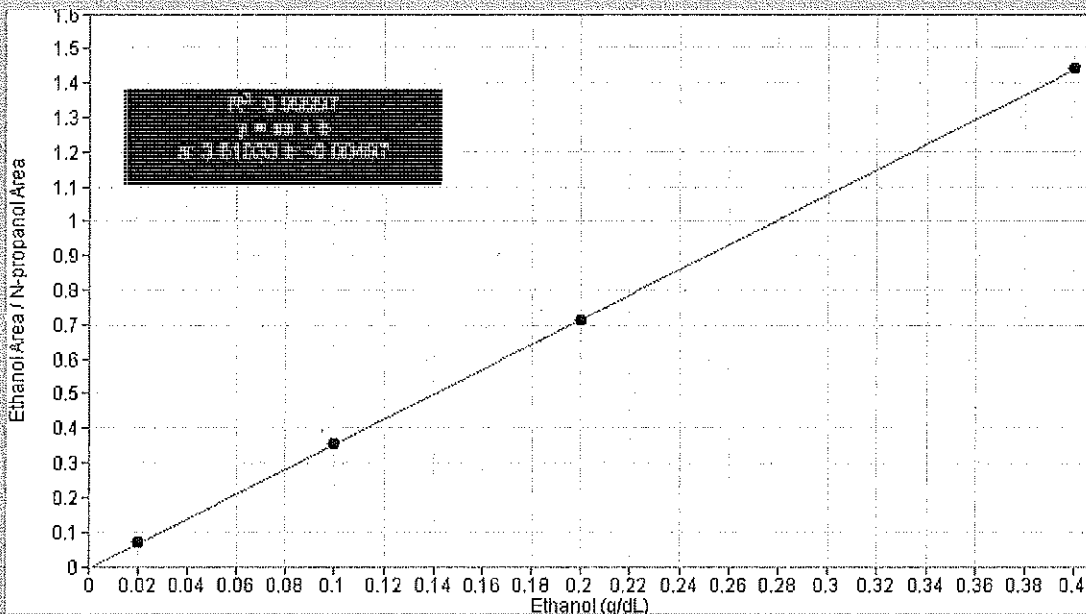
ANALYST: Adrian

WA

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 090517	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.401	0.400	0.25	0.001
0.040 Lipomed 09022015-A	8	0.039	0.040	2.50	-0.001
0.198 ACQ 407041529/3	9	0.201	0.198	1.52	0.003
0.080 Lipomed 28082014-B	20	0.080	0.080	0.00	0.000
0.150 Lipomed 09022015-C	31	0.152	0.150	1.33	0.002
0.198 ACQ 407041529/3	42	0.200	0.198	1.01	0.002
0.080 Lipomed 28082014-B	53	0.081	0.080	1.25	0.001
0.150 Lipomed 09022015-C	64	0.153	0.150	2.00	0.003
0.198 ACQ 407041529/3	75	0.201	0.198	1.52	0.003
0.080 Lipomed 28082014-B	86	0.081	0.080	1.25	0.001
0.40 Lipomed 08012015-C	89	0.407	0.400	1.75	0.007
0.04 Lipomed 09022015-A	90	0.041	0.040	2.50	0.001
0.198 ACQ 407041529/3	91	0.202	0.198	2.02	0.004
blank 090517	92	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	13.003	183.264	0.071
0.100	63.537	179.670	0.354
0.200	126.743	177.590	0.714
0.400	254.243	176.399	1.441

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.020 Cerilliant FN03241604	Item number:
Injection date: 12/26/2017 11:51:34 AM	Vial: 1
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\1.D	

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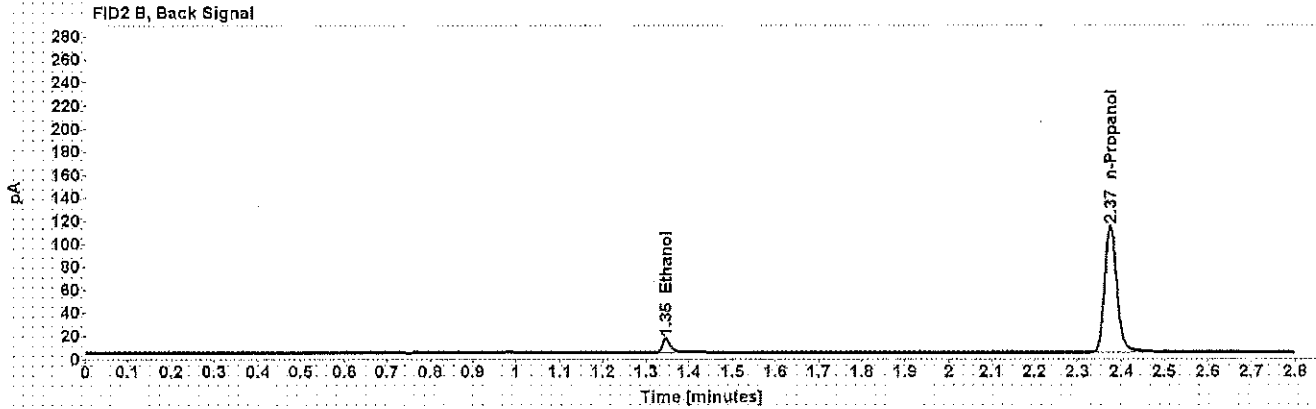
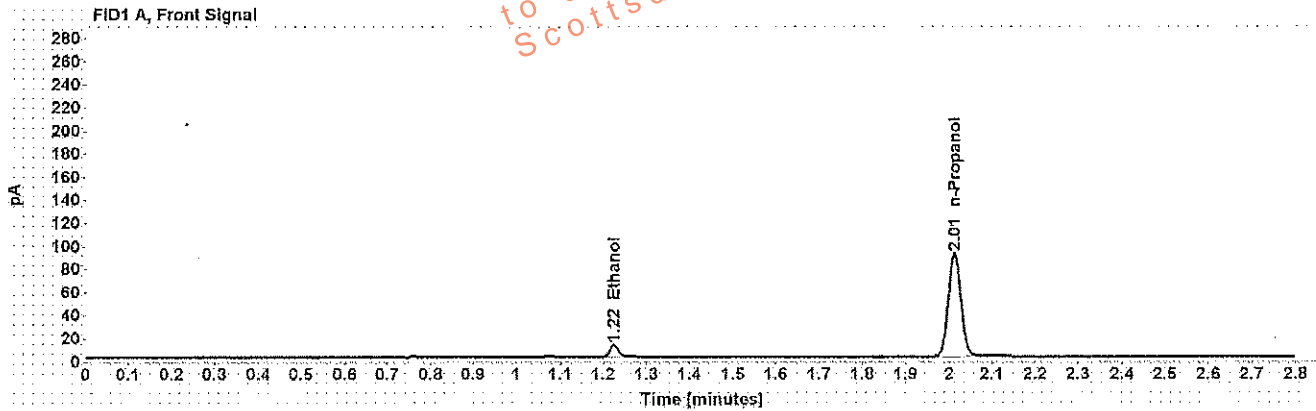


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.225	13.003
n-Propanol	2.013	183.264

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

Compound	Time (min)	Peak Area
Ethanol	1.346	14.986
n-Propanol	2.375	212.058

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.100 Cerilliant FN06181501	Item number:
Injection date: 12/26/2017 11:55:36 AM	Vial: 2
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\2.D	

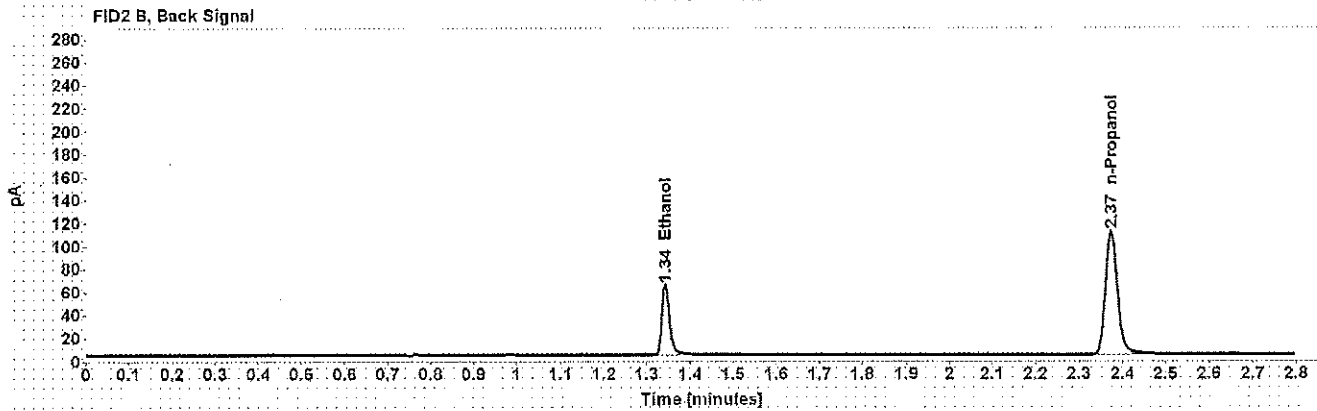
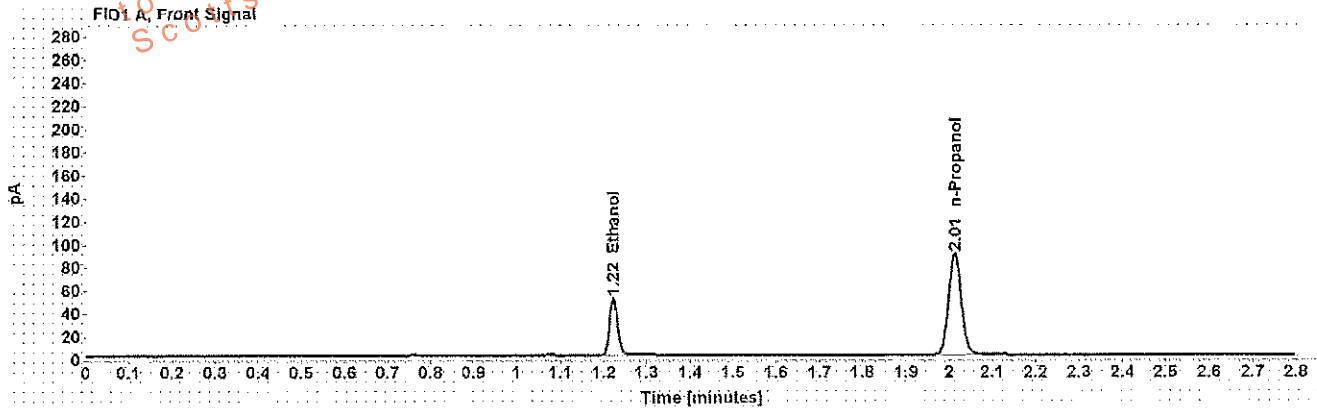


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	63.537
n-Propanol	2.012	179.670

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

Compound	Time (min)	Peak Area
Ethanol	1.343	74.432
n-Propanol	2.374	207.009

Scottsdale Police Department Crime Lab Volatiles Analysis

W4

Sample: 0.200 Cerilliant FN07201502	Item number:
Injection date: 12/26/2017 11:59:35 AM	Vial: 3
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\3.D	

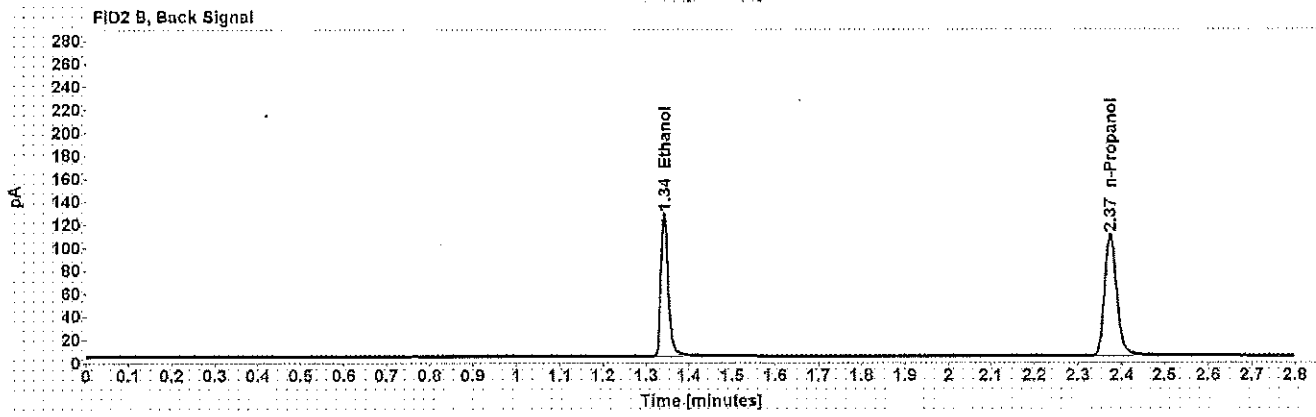
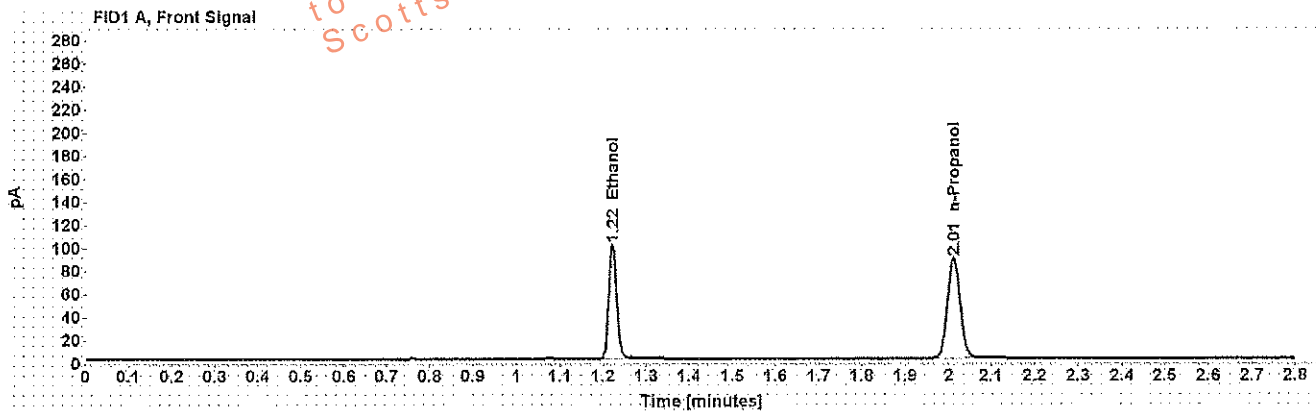


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	126.743
n-Propanol	2.012	177.590

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

Compound	Time (min)	Peak Area
Ethanol	1.342	150.865
n-Propanol	2.374	204.871

Scottsdale Police Department Crime Lab Volatiles Analysis

W4

Sample: 0.400 Cerilliant FN11191402	Item number:
Injection date: 12/26/2017 12:03:37 PM	Vial: 4
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\4.D	

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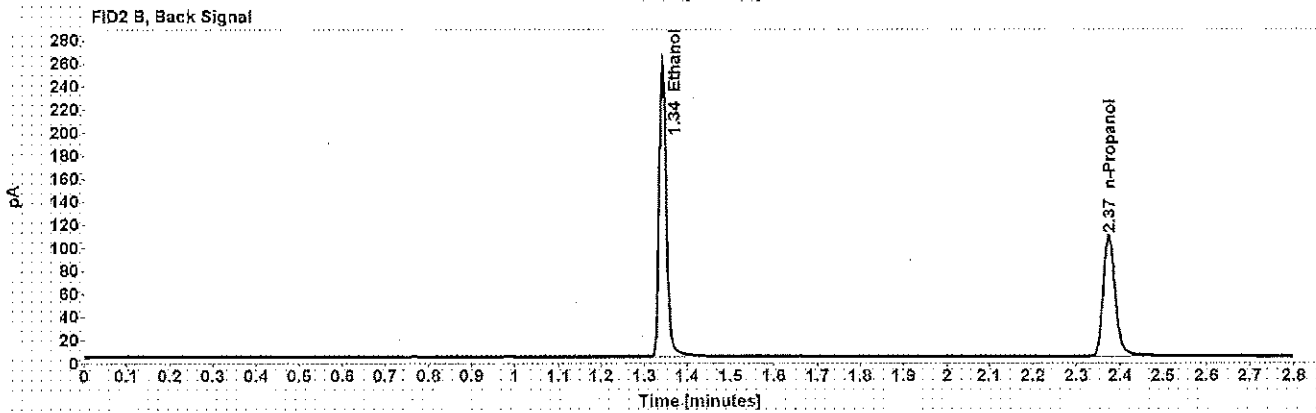
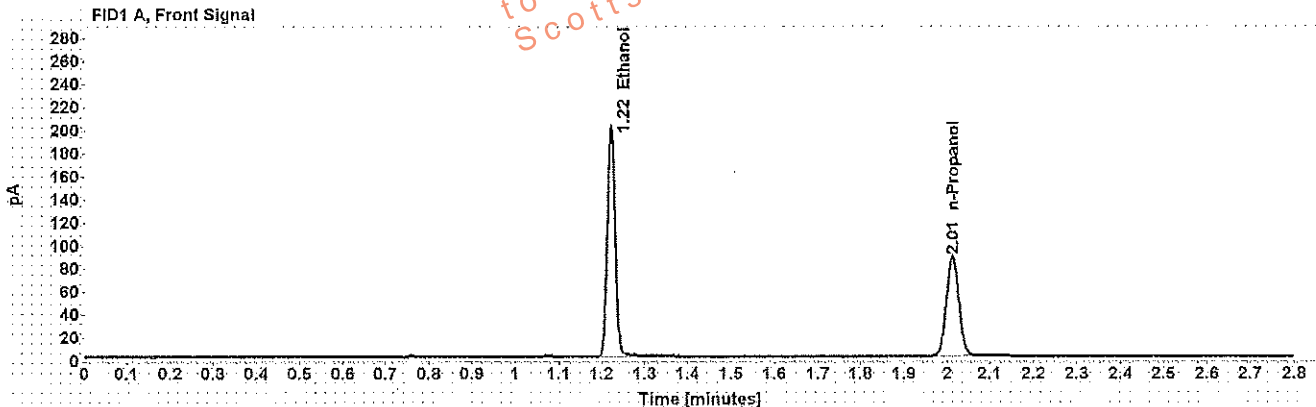


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	254.243
n-Propanol	2.012	176.399

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

Compound	Time (min)	Peak Area
Ethanol	1.342	303.908
n-Propanol	2.374	203.402

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: blank 090517	Item number:
Injection date: 12/26/2017 12:07:34 PM	Vial: 5
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\5.D	

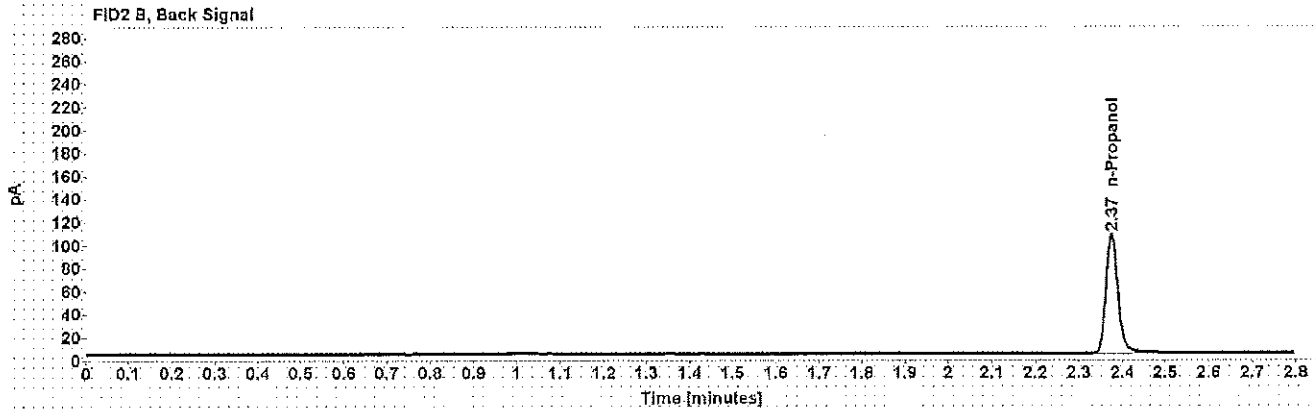
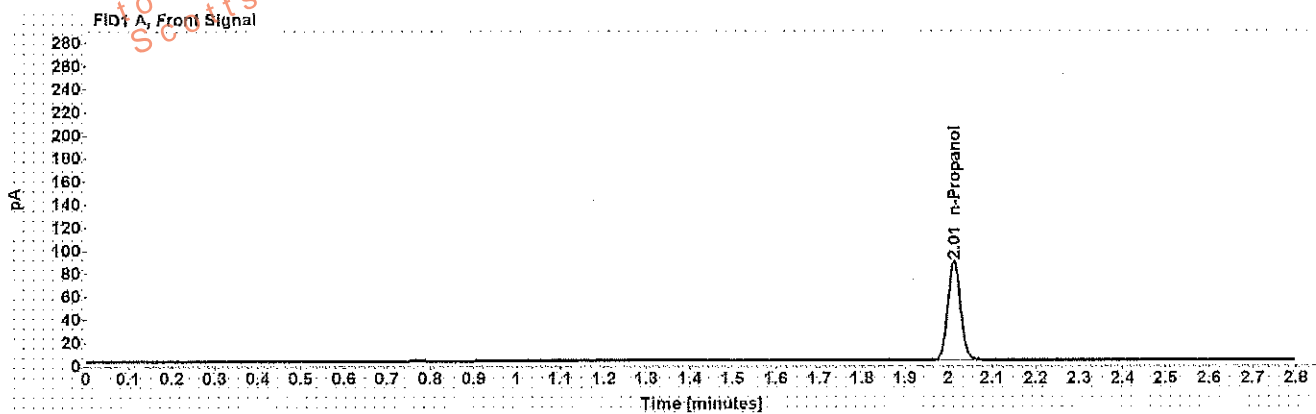


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	175.544

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	201.693

Scottsdale Police Department Crime Lab Volatiles Analysis

WAF

Sample: volatiles mix 020917 WLA	Item number:
Injection date: 12/26/2017 12:11:35 PM	Vial: 6
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\6.D	

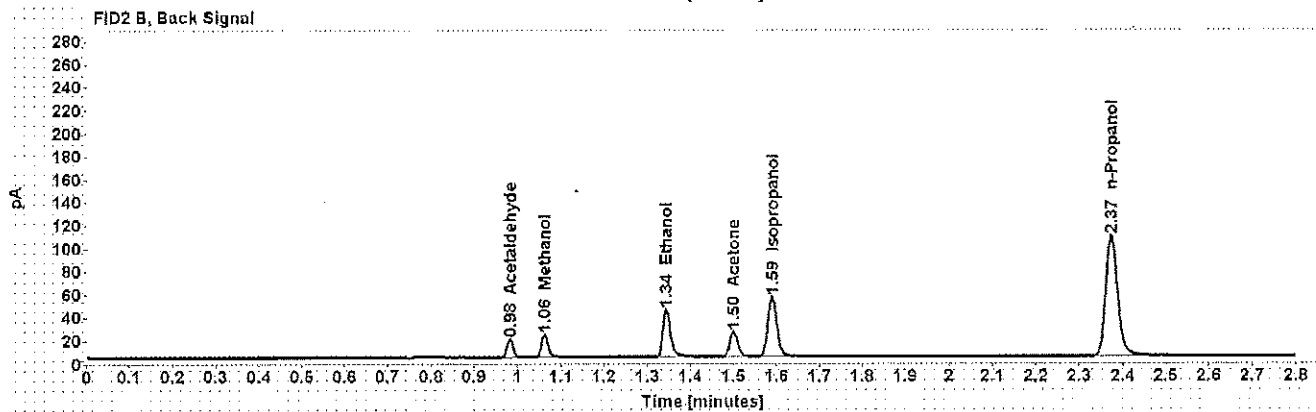
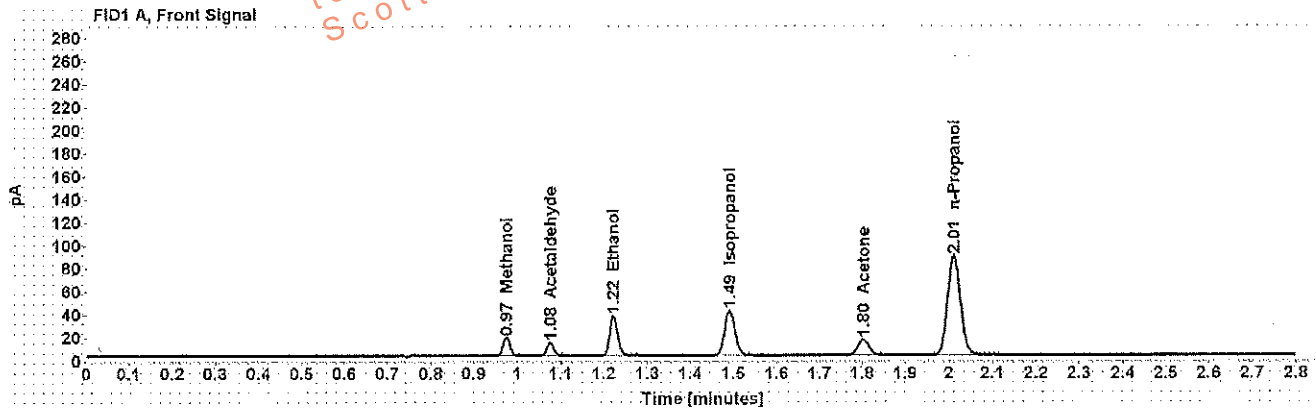


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.975	17.429
Acetaldehyde	-----	1.076	11.751
>Ethanol	0.0702	1.223	43.713
Isopropanol	-----	1.492	63.209
Acetone	-----	1.802	23.772
n-Propanol	-----	2.012	175.863

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	14.687
Methanol	1.063	20.644
Ethanol	1.344	50.626
Acetone	1.501	26.903
Isopropanol	1.589	75.357
n-Propanol	2.374	202.648

Scottsdale Police Department Crime Lab Volatiles Analysis

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WA

Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 12/26/2017 12:15:50 PM	Vial: 7
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\7.D	

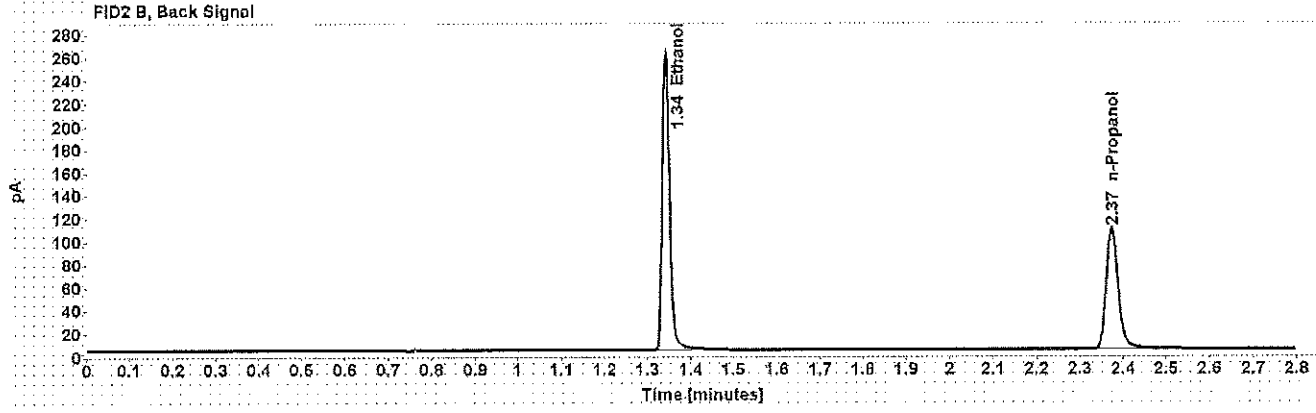
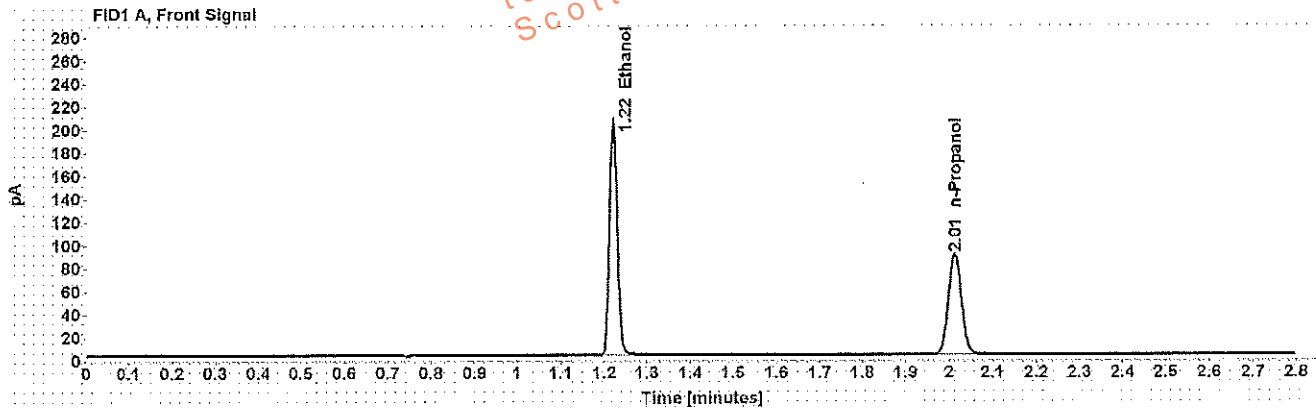


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4019	1.222	256.986
n-Propanol	-----	2.012	177.739

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

Compound	Time (min)	Peak Area
Ethanol	1.342	306.946
n-Propanol	2.374	204.883

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 12/26/2017 12:19:49 PM	Vial: 8
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14180045	Analyst: Adrian
Data file: C:\Chem32\10\Data\26Dec17\8.D	

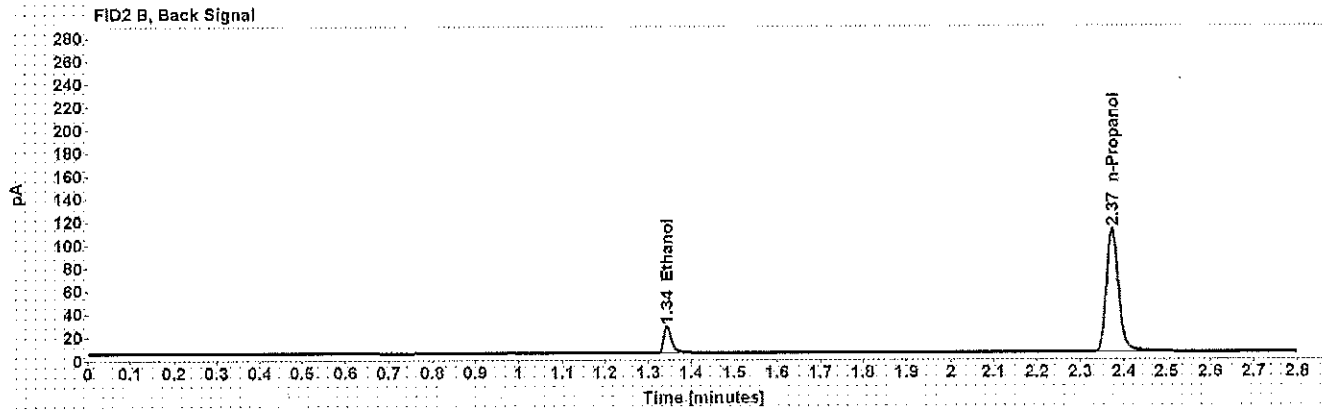
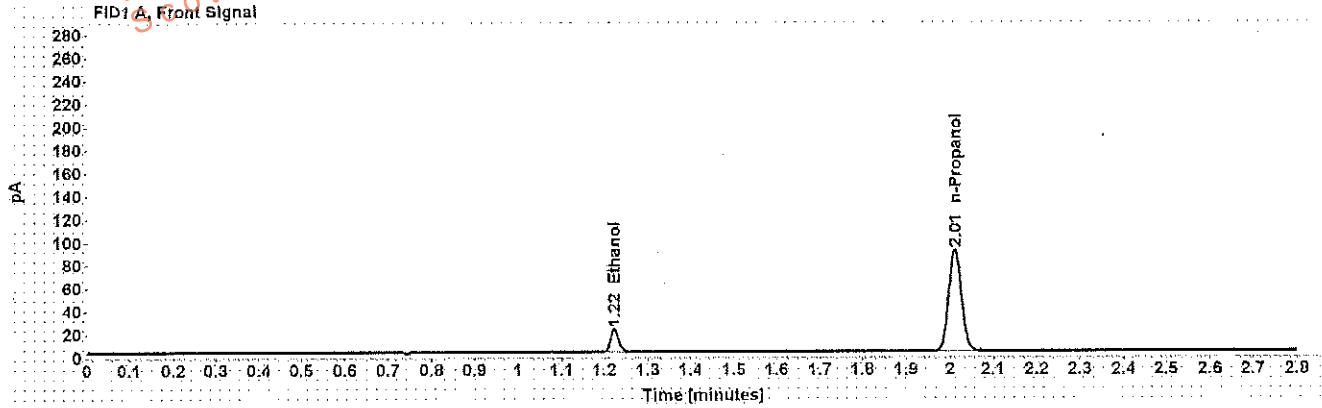


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0398	1.223	25.055
n-Propanol	-----	2.011	180.479

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

Compound	Time (min)	Peak Area
Ethanol	1.343	28.675
n-Propanol	2.373	207.892

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 12/26/2017 12:23:49 PM	Vial: 9
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\9.D	

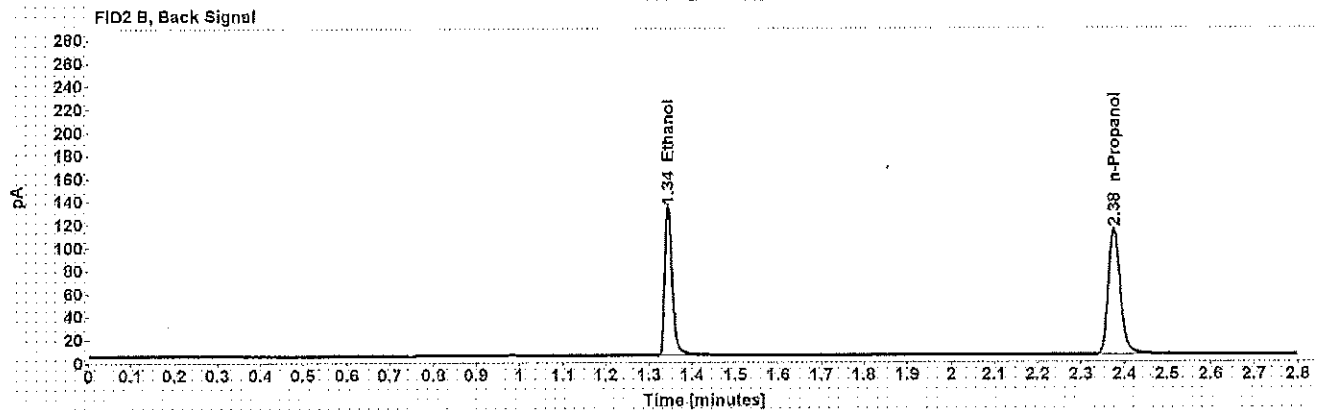
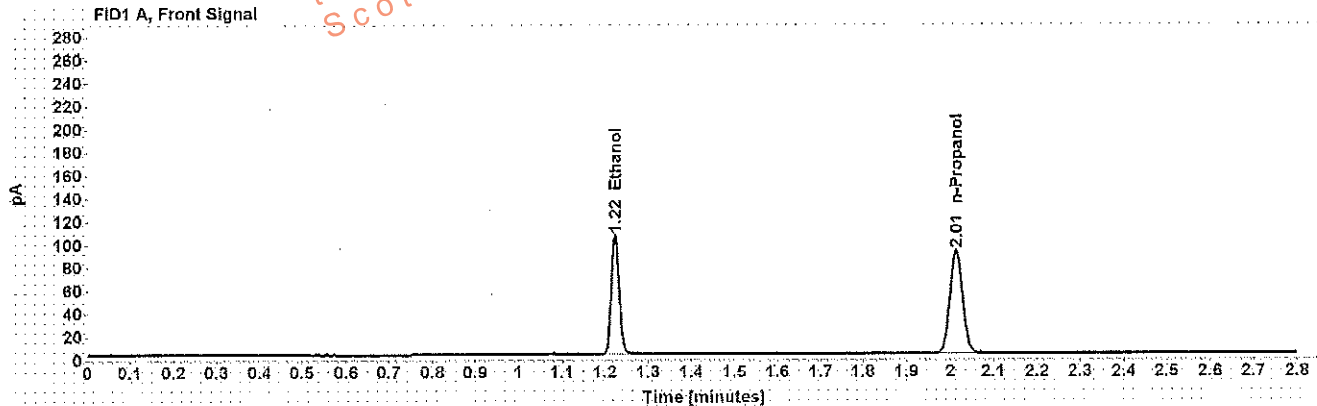


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2018	1.224	132.702
n-Propanol	-----	2.013	183.356

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

Compound	Time (min)	Peak Area
Ethanol	1.345	157.438
n-Propanol	2.376	211.585

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 12/26/2017 1:08:20 PM	Vial: 20
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\20.D	

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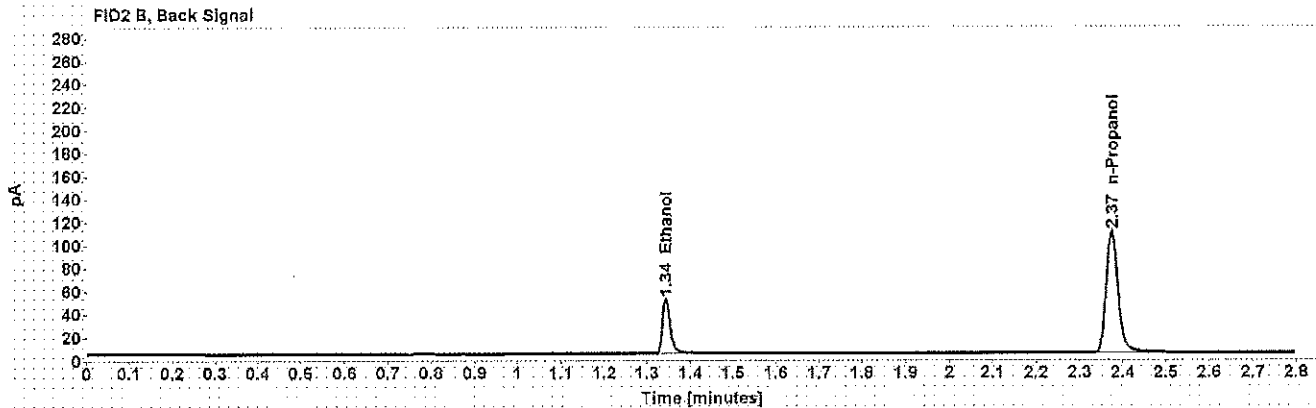
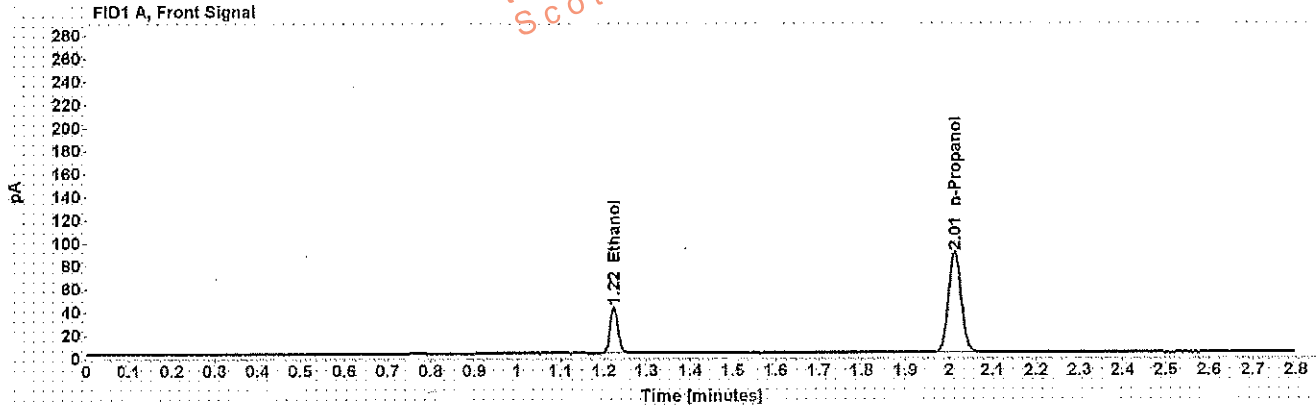


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.223	50.701
n-Propanol	-----	2.012	177.553

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

Compound	Time (min)	Peak Area
Ethanol	1.344	58.845
n-Propanol	2.374	204.967

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 12/26/2017 1:52:49 PM	Vial: 31
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\31.D	

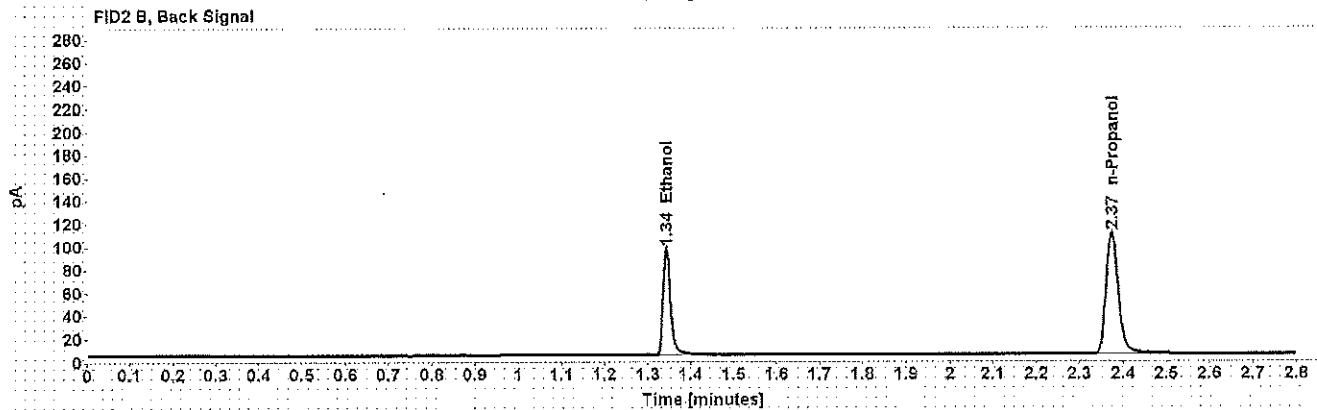
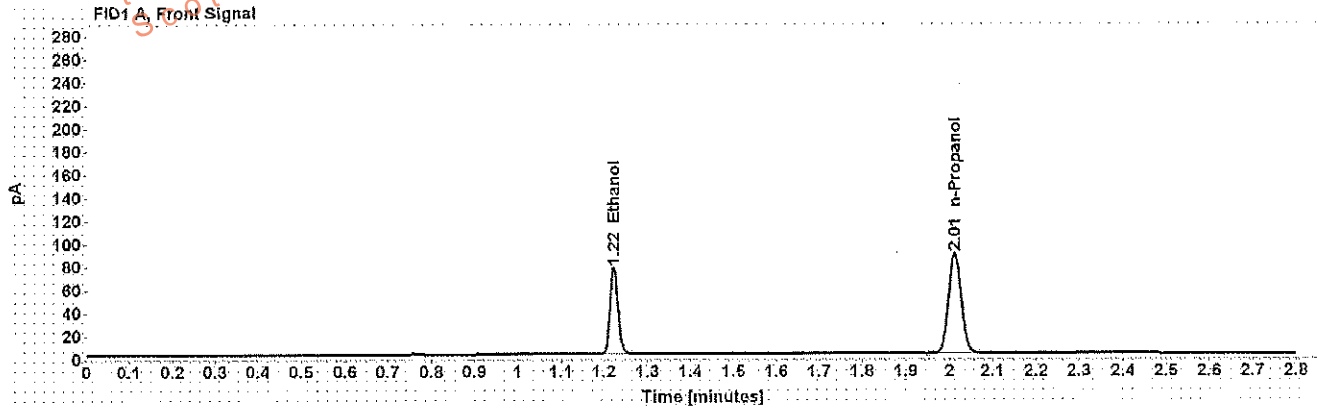


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1520	1.223	96.388
n-Propanol	-----	2.012	177.194

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

Compound	Time (min)	Peak Area
Ethanol	1.343	113.848
n-Propanol	2.375	205.783

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 12/26/2017 2:37:05 PM	Vial: 42
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\12.D	

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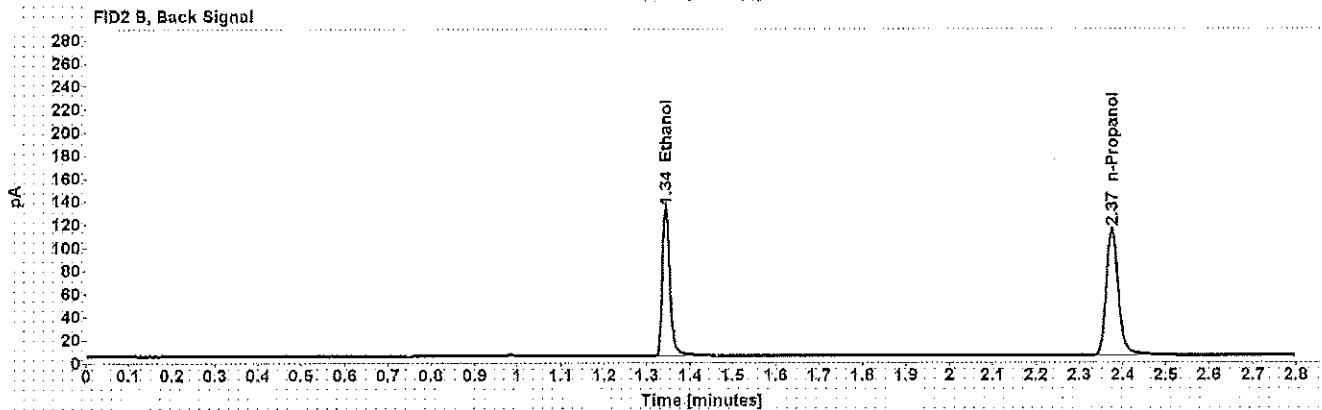
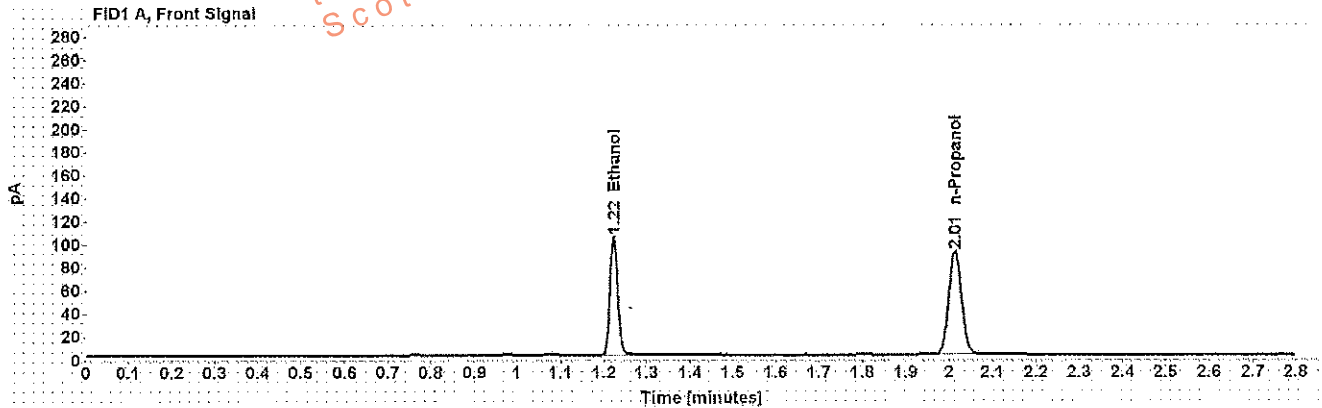


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2008	1.223	131.630
n-Propanol	-----	2.013	182.837

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

Compound	Time (min)	Peak Area
Ethanol	1.343	157.875
n-Propanol	2.375	212.885

Scottsdale Police Department Crime Lab Volatiles Analysis

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WA

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 12/26/2017 3:21:35 PM	Vial: 53
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
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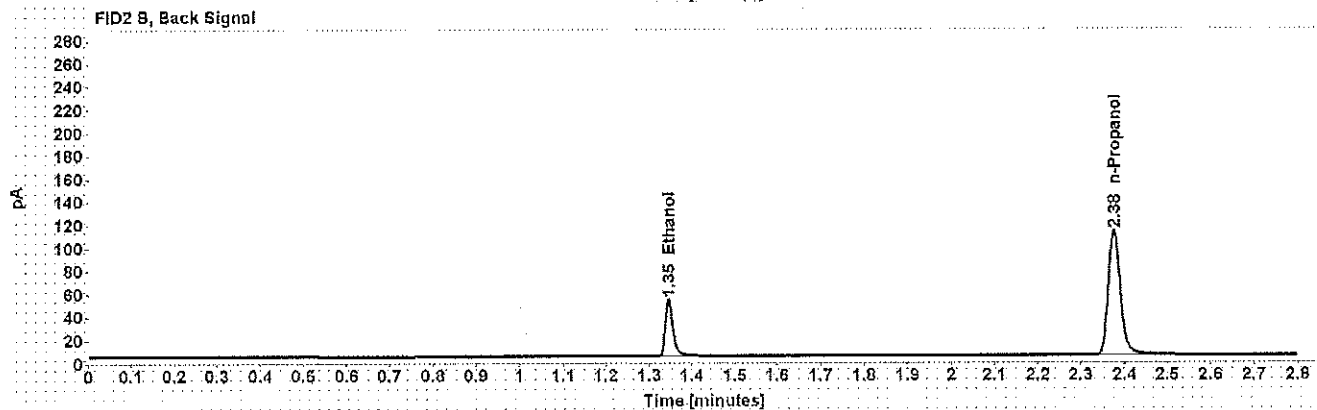
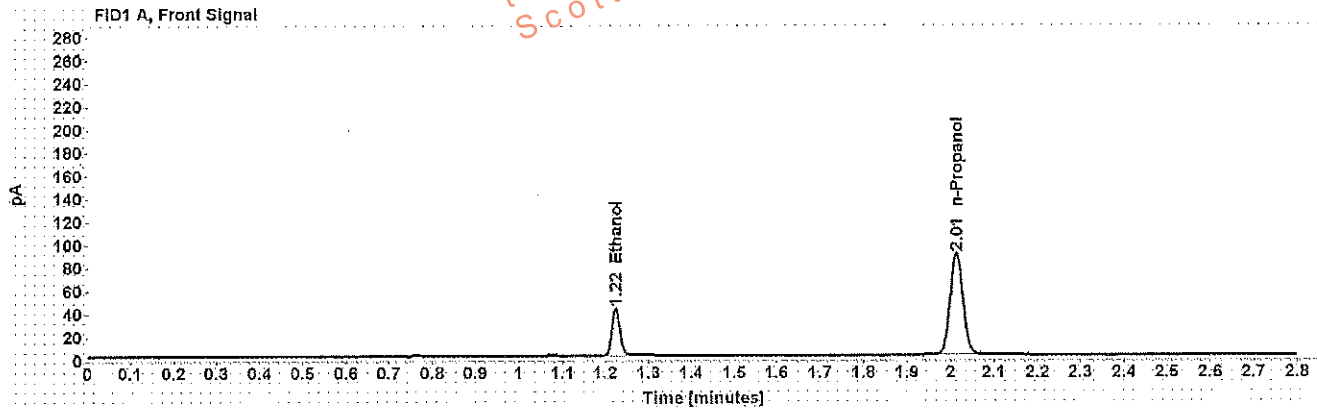


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0819	1.224	52.209
n-Propanol	-----	2.013	179.629

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

Compound	Time (min)	Peak Area
Ethanol	1.346	61.878
n-Propanol	2.376	209.596

Scottsdale Police Department Crime Lab Volatiles Analysis

WAA

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 12/26/2017 4:06:05 PM	Vial: 64
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
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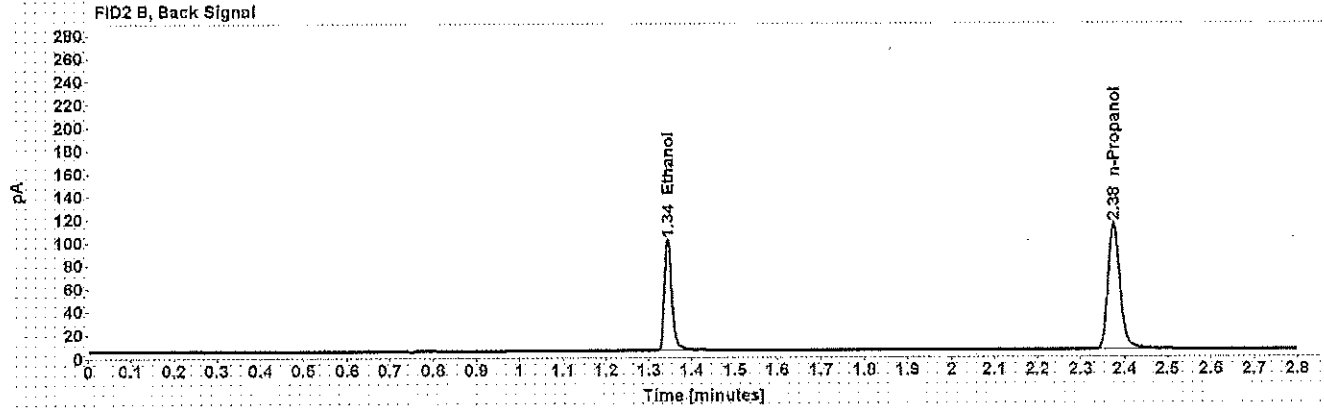
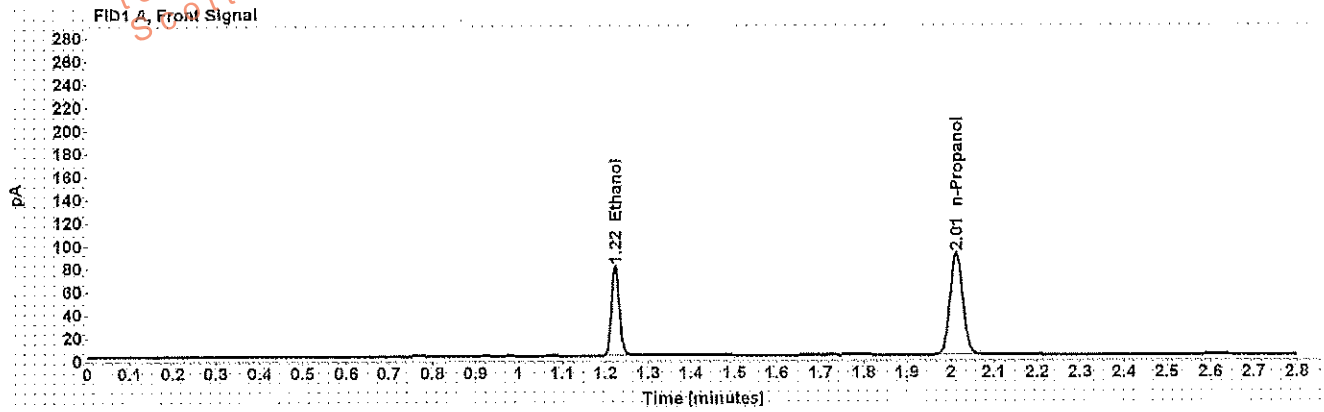


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1531	1.223	99.104
n-Propanol	-----	2.013	180.980

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

Compound	Time (min)	Peak Area
Ethanol	1.344	118.180
n-Propanol	2.375	211.851

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number: 75
Injection date: 12/26/2017 4:50:35 PM	Vial: 75
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\75.D	

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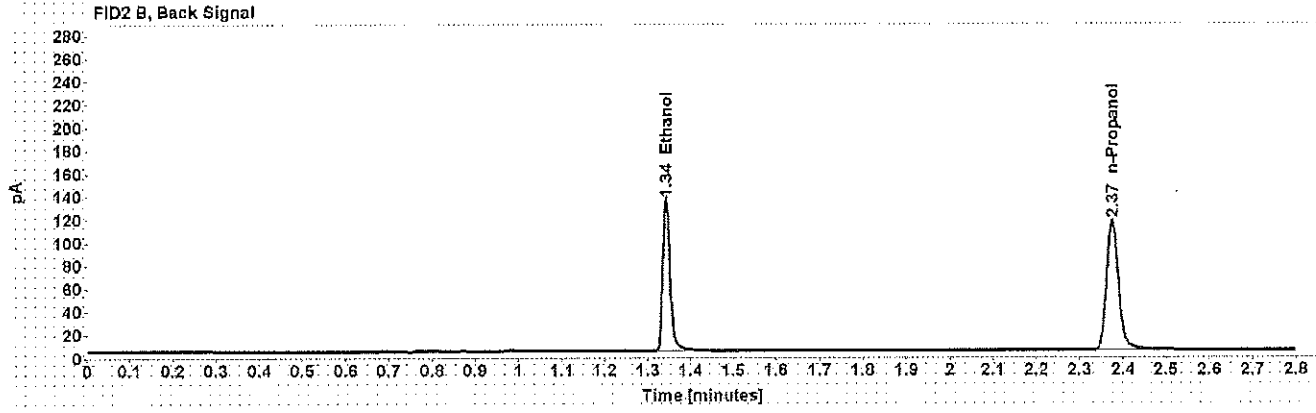
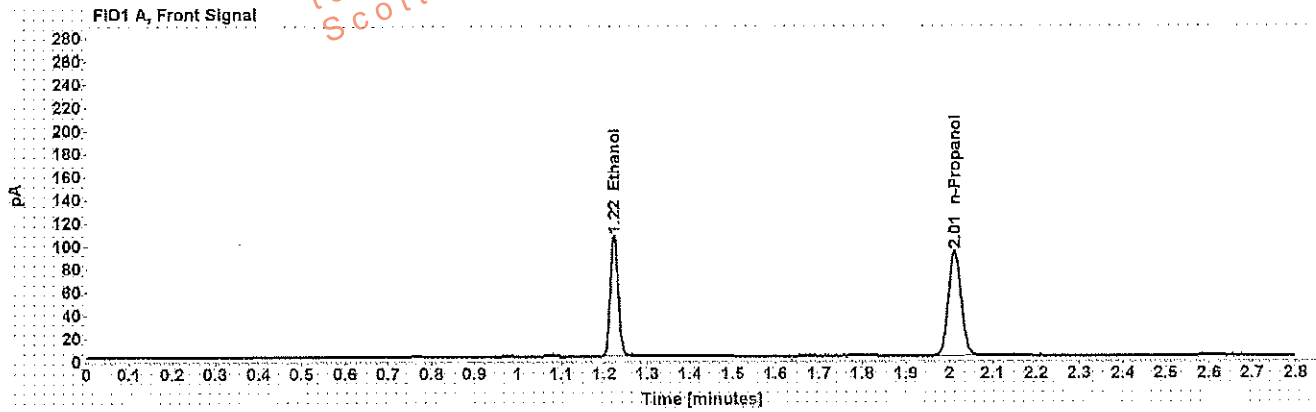


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2015	1.223	134.123
n-Propanol	-----	2.012	185.645

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

Compound	Time (min)	Peak Area
Ethanol	1.343	161.526
n-Propanol	2.375	218.141

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WA

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 12/26/2017 5:35:05 PM	Vial: 86
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
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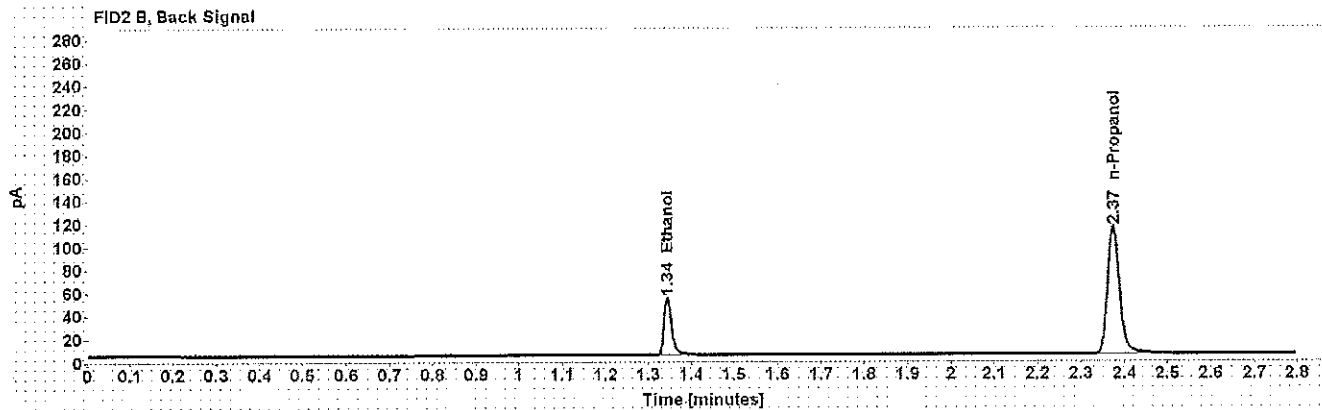
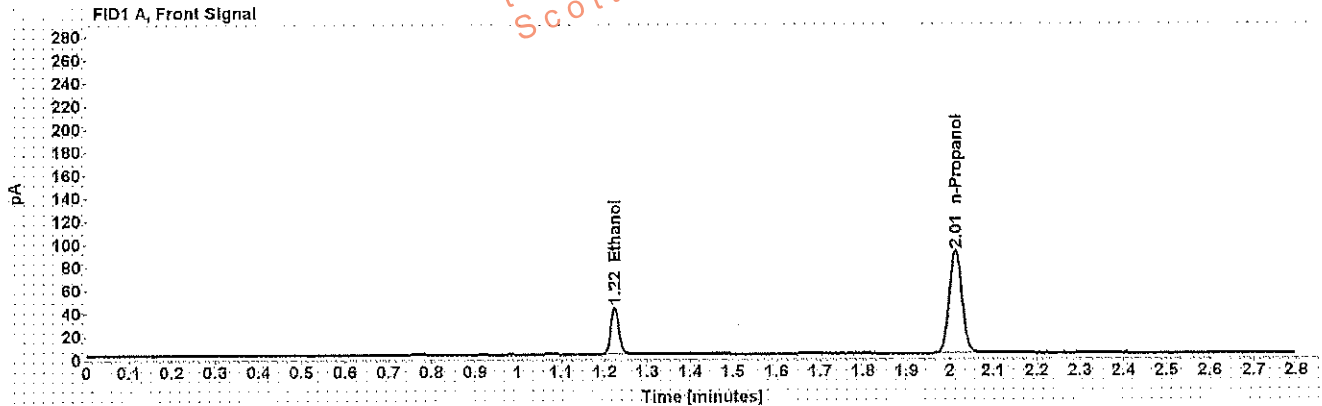


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.223	52.262
n-Propanol	-----	2.012	181.697

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

Compound	Time (min)	Peak Area
Ethanol	1.344	61.059
n-Propanol	2.375	213.498

Scottsdale Police Department Crime Lab Volatiles Analysis

LWA

Sample: 0.40 Lipomed 08012015-C	Item number:
Injection date: 12/26/2017 5:47:05 PM	Vial: 89
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\89.D	

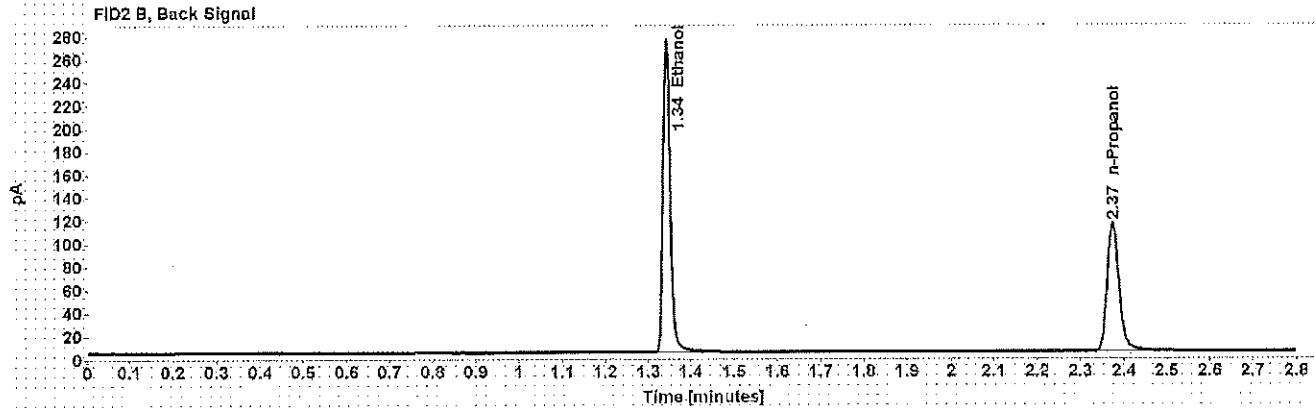
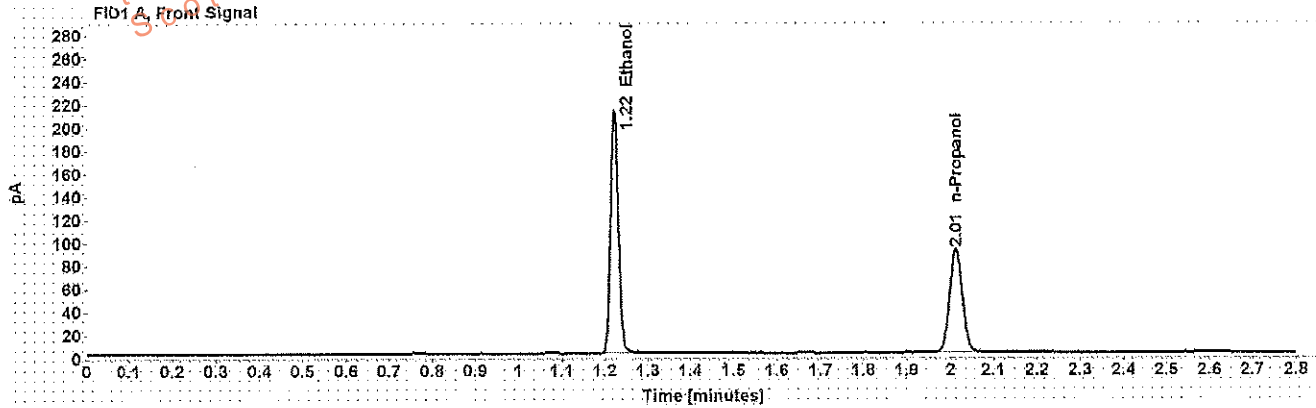


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4075	1.222	269.182
n-Propanol	-----	2.012	183.584

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

Compound	Time (min)	Peak Area
Ethanol	1.342	325.120
n-Propanol	2.375	215.905

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.04 Lipomed 09022015-A Injection date: 12/26/2017 5:51:05 PM Method: ethanol quant.M Instrument: US14173023 CN14160045 Data file: C:\Chem3211\Data\26Dec17\90.D	Item number: Vial: 90 Sequence: 26Dec17 Analyst: Adrian
---	--

WA

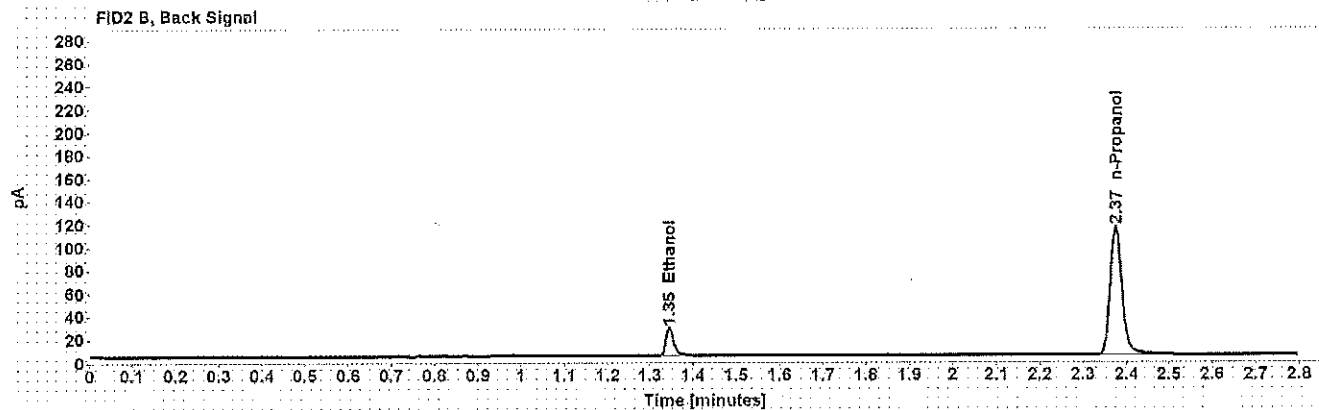
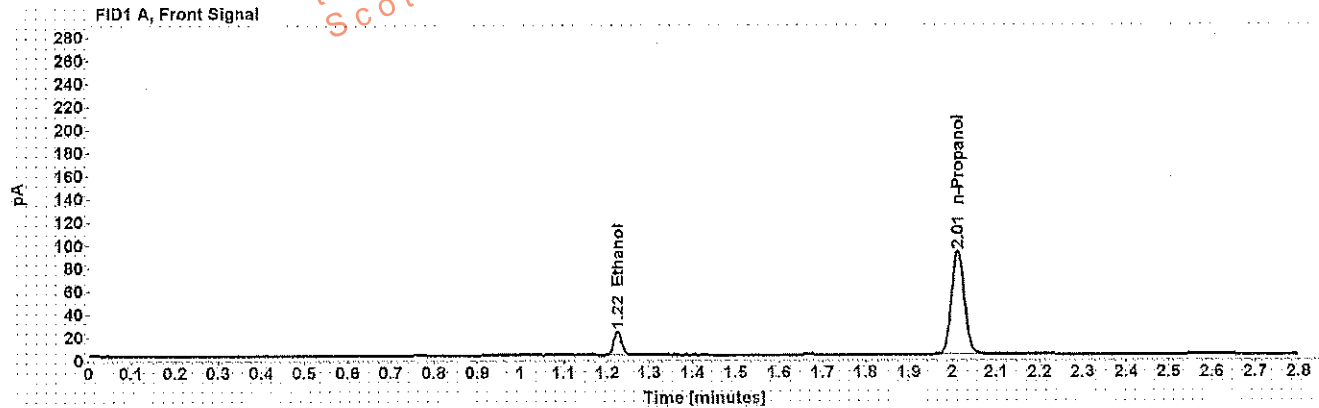


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0412	1.224	26.328
n-Propanol	-----	2.013	163.248

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

Compound	Time (min)	Peak Area
Ethanol	1.345	30.541
n-Propanol	2.375	214.915

Scottsdale Police Department Crime Lab Volatiles Analysis

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LM

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 12/26/2017 5:55:20 PM	Vial: 91
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\91.D	

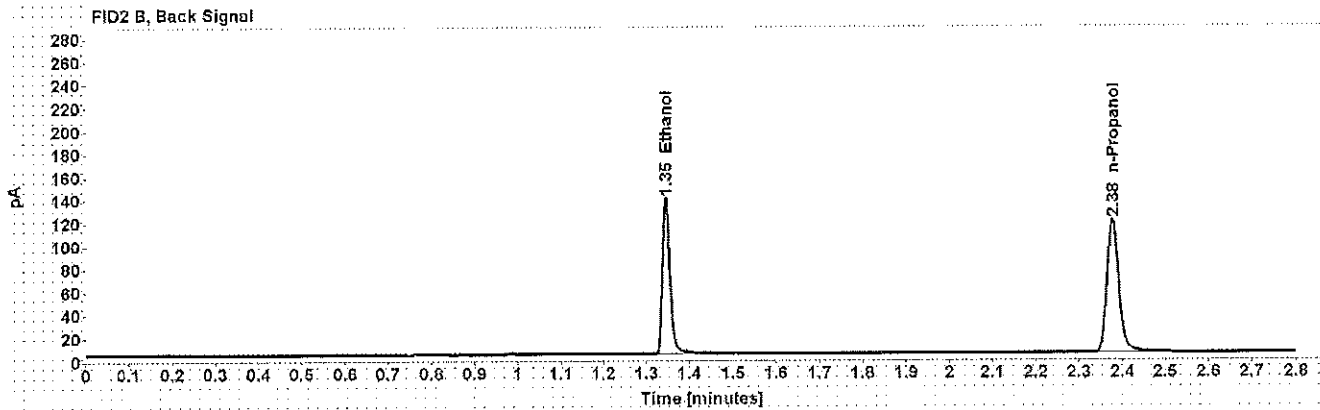
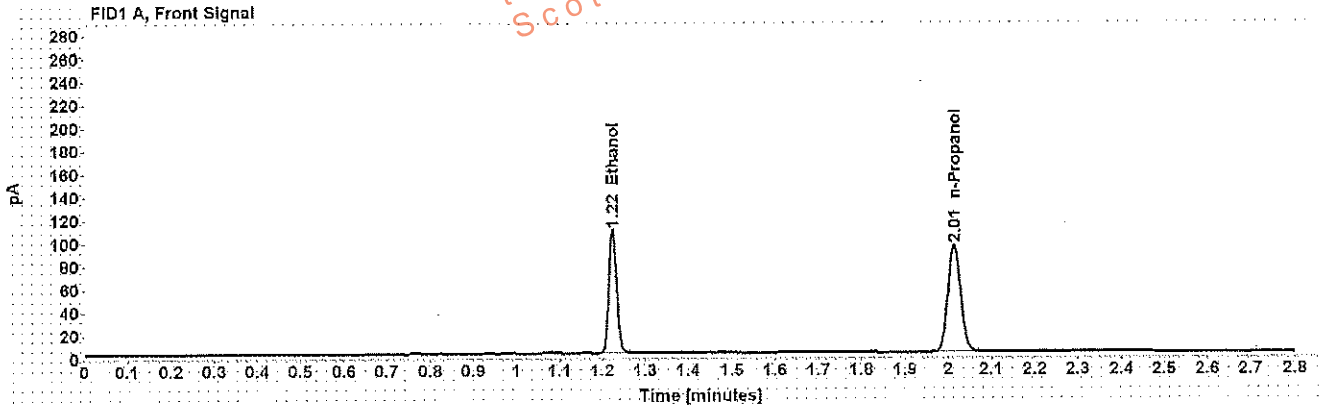


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2029	1.224	137.886
n-Propanol	-----	2.014	189.528

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

Compound	Time (min)	Peak Area
Ethanol	1.346	165.254
n-Propanol	2.377	222.893

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	blank 090517	Item number:	
Injection date:	12/26/2017 5:59:20 PM	Vial:	92
Method:	ethanol quant.M	Sequence:	26Dec17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\26Dec17\92.D		

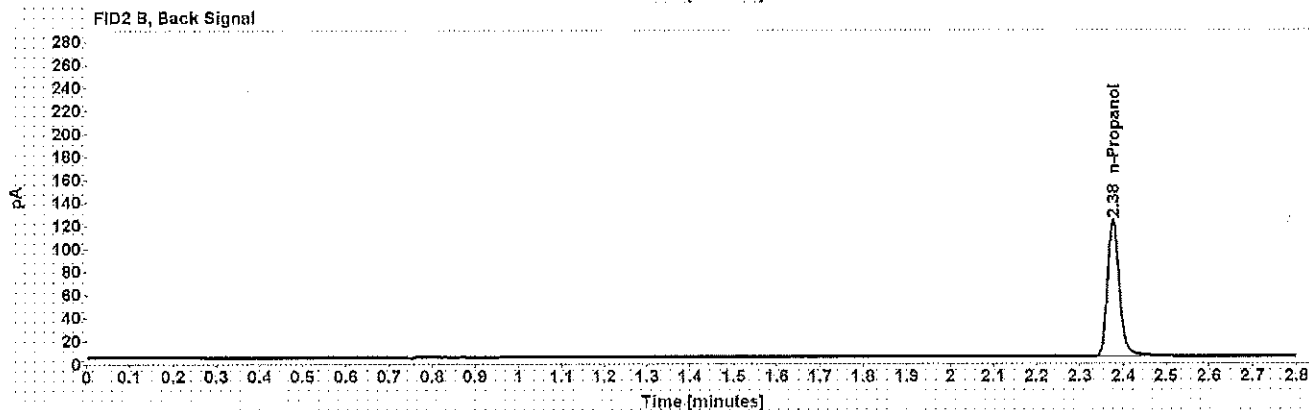
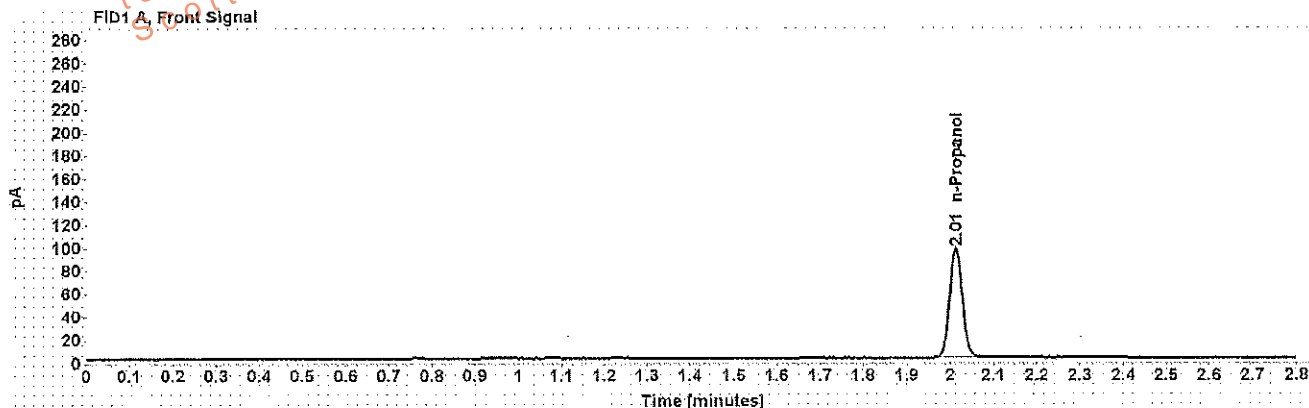


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	194.106

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

Compound	Time (min)	Peak Area
n-Propanol	2.376	228.331

Sequence Summary

WA

Sequence name: 26Dec17 Instrument: US14173023CN14160045 Analyst: Adrian

Vial	Sample	Type	Item Number	Method
1	0.020 Cerilliant FN03241604	Calibration		ethanol quant.M
2	0.100 Cerilliant FN06181501	Calibration		ethanol quant.M
3	0.200 Cerilliant FN07201502	Calibration		ethanol quant.M
4	0.400 Cerilliant FN11191402	Calibration		ethanol quant.M
5	blank 090517	Control		ethanol quant.M
6	volatiles mix 020917 WLA	Control		ethanol quant.M
7	0.400 Lipomed 08012015-C	Control		ethanol quant.M
8	0.040 Lipomed 09022015-A	Control		ethanol quant.M
9	0.198 ACQ 407041529/3	Control		ethanol quant.M
10	[REDACTED]	Sample	1151352	ethanol quant.M
11	[REDACTED]	Sample	1151352	ethanol quant.M
12	[REDACTED]	Sample	1180911	ethanol quant.M
13	[REDACTED]	Sample	1180911	ethanol quant.M
14	[REDACTED]	Sample	1189713	ethanol quant.M
15	[REDACTED]	Sample	1189713	ethanol quant.M
16	[REDACTED]	Sample	285-01A	ethanol quant.M
17	[REDACTED]	Sample	285-01A	ethanol quant.M
18	[REDACTED]	Sample	150-01A	ethanol quant.M
19	[REDACTED]	Sample	150-01A	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21	[REDACTED]	Sample	1183589	ethanol quant.M
22	[REDACTED]	Sample	1183589	ethanol quant.M
23	[REDACTED]	Sample	1187518	ethanol quant.M
24	[REDACTED]	Sample	1187518	ethanol quant.M
25	[REDACTED]	Sample	1186760	ethanol quant.M
26	[REDACTED]	Sample	1186760	ethanol quant.M
27	[REDACTED]	Sample	1188100	ethanol quant.M
28	[REDACTED]	Sample	1188100	ethanol quant.M
29	[REDACTED]	Sample	1187908	ethanol quant.M
30	[REDACTED]	Sample	1187908	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32	[REDACTED]	Sample	1186163	ethanol quant.M
33	[REDACTED]	Sample	1186163	ethanol quant.M
34	[REDACTED]	Sample	1181089	ethanol quant.M
35	[REDACTED]	Sample	1181089	ethanol quant.M
36	[REDACTED]	Sample	312-01A	ethanol quant.M
37	[REDACTED]	Sample	312-01A	ethanol quant.M
38	[REDACTED]	Sample	321-01A	ethanol quant.M
39	[REDACTED]	Sample	321-01A	ethanol quant.M
40	[REDACTED]	Sample	335-01A	ethanol quant.M
41	[REDACTED]	Sample	335-01A	ethanol quant.M
42	0.198 ACQ 407041529/3	Control		ethanol quant.M
43	[REDACTED]	Sample	321-01A	ethanol quant.M
44	[REDACTED]	Sample	321-01A	ethanol quant.M
45	[REDACTED]	Sample	310-01A	ethanol quant.M
46	[REDACTED]	Sample	310-01A	ethanol quant.M
47	[REDACTED]	Sample	1185354	ethanol quant.M

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Sequence Summary

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WA

48		Sample	1185354	ethanol quant.M
49		Sample	1167245	ethanol quant.M
50		Sample	1167245	ethanol quant.M
51		Sample	1159408	ethanol quant.M
52		Sample	1159408	ethanol quant.M
53	0.080 Lipomed 28082014-B	Control		ethanol quant.M
54		Sample	1159840	ethanol quant.M
55		Sample	1159840	ethanol quant.M
56		Sample	1188216	ethanol quant.M
57		Sample	1188216	ethanol quant.M
58		Sample	1188235	ethanol quant.M
59		Sample	1188235	ethanol quant.M
60		Sample	1188858	ethanol quant.M
61		Sample	1188858	ethanol quant.M
62		Sample	1188130	ethanol quant.M
63		Sample	1188130	ethanol quant.M
64	0.150 Lipomed 09022015-C	Control		ethanol quant.M
65		Sample	1188211	ethanol quant.M
66		Sample	1188211	ethanol quant.M
67		Sample	1186577	ethanol quant.M
68		Sample	1186577	ethanol quant.M
69		Sample	1186470	ethanol quant.M
70		Sample	1186470	ethanol quant.M
71		Sample	1186153	ethanol quant.M
72		Sample	1186153	ethanol quant.M
73		Sample	1185862	ethanol quant.M
74		Sample	1185862	ethanol quant.M
75	0.198 ACQ 407041529/3	Control		ethanol quant.M
76		Sample	1151861	ethanol quant.M
77		Sample	1151861	ethanol quant.M
78		Sample	72-01A	ethanol quant.M
79		Sample	72-01A	ethanol quant.M
80		Sample	72-01-01	ethanol quant.M
81		Sample	72-01-01	ethanol quant.M
82		Sample	331-01A	ethanol quant.M
83		Sample	331-01A	ethanol quant.M
84		Sample	1189689	ethanol quant.M
85		Sample	1189689	ethanol quant.M
86	0.080 Lipomed 28082014-B	Control		ethanol quant.M
87		Sample	1189217	ethanol quant.M
88		Sample	1189217	ethanol quant.M
89	0.40 Lipomed 08012015-C	Control		ethanol quant.M
90	0.04 Lipomed 09022015-A	Control		ethanol quant.M
91	0.198 ACQ 407041529/3	Control		ethanol quant.M
92	blank 090517	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory

Summary of Cases

SEQUENCE NAME: 26Dec17

ANALYST: Adrian WA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1324	0.1314	0.13190	0.38	0.00050
12 13	0.2195	0.2180	0.21875	0.34	0.00075
14 15	0.1824	0.1824	0.18240	0.00	0.00000
16 17	0.1207	0.1195	0.12010	0.50	0.00060
18 19	0.1720	0.1749	0.17345	0.84	0.00145
21 22	0.0888	0.0881	0.08845	0.40	0.00035
23 24	0.2089	0.2095	0.20920	0.14	0.00030
25 26	0.0860	0.0839	0.08495	1.24	0.00105
27 28	0.1245	0.1264	0.12545	0.76	0.00095
29 30	0.2044	0.2045	0.20445	0.02	0.00005
32 33	0.1153	0.1151	0.11520	0.09	0.00010
34 35	0.0211	0.0209	0.02100	0.48	0.00010
36 37	0.1574	0.1546	0.15600	0.90	0.00140
38 39	0.1880	0.1879	0.18795	0.03	0.00005
40 41	0.1046	0.1045	0.10455	0.05	0.00005
43 44	0.0898	0.0912	0.09050	0.77	0.00070
45 46	0.0802	0.0805	0.08035	0.19	0.00015
47 48	0.0863	0.0857	0.08600	0.35	0.00030
49 50	0.2067	0.2060	0.20635	0.17	0.00035
51 52	0.1363	0.1340	0.13515	0.85	0.00115
54 55	0.2867	0.2877	0.28720	0.17	0.00050
56 57	0.1312	0.1285	0.12985	1.04	0.00135
58 59	0.1561	0.1545	0.15530	0.52	0.00080
60 61	0.0815	0.0811	0.08130	0.25	0.00020
62 63	0.2245	0.2248	0.22465	0.07	0.00015
65 66	0.2381	0.2403	0.23920	0.46	0.00110
67 68	0.2092	0.2116	0.21040	0.57	0.00120
69 70	0.2211	0.2215	0.22130	0.09	0.00020
71 72	0.1537	0.1538	0.15375	0.03	0.00005
73 74	0.1908	0.1950	0.19290	1.09	0.00210
76 77	0.1664	0.1677	0.16705	0.39	0.00065
78 79	0.1265	0.1289	0.12770	0.94	0.00120
80 81	0.2123	0.2156	0.21395	0.77	0.00165
82 83	0.1757	0.1749	0.17530	0.23	0.00040
84 85	0.0000	0.0000	0.00000	0.00	0.00000
87 88	0.0584	0.0583	0.05835	0.09	0.00005

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1151352
Injection date: 12/26/2017 12:27:50 PM	Vial: 10
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\10.D	

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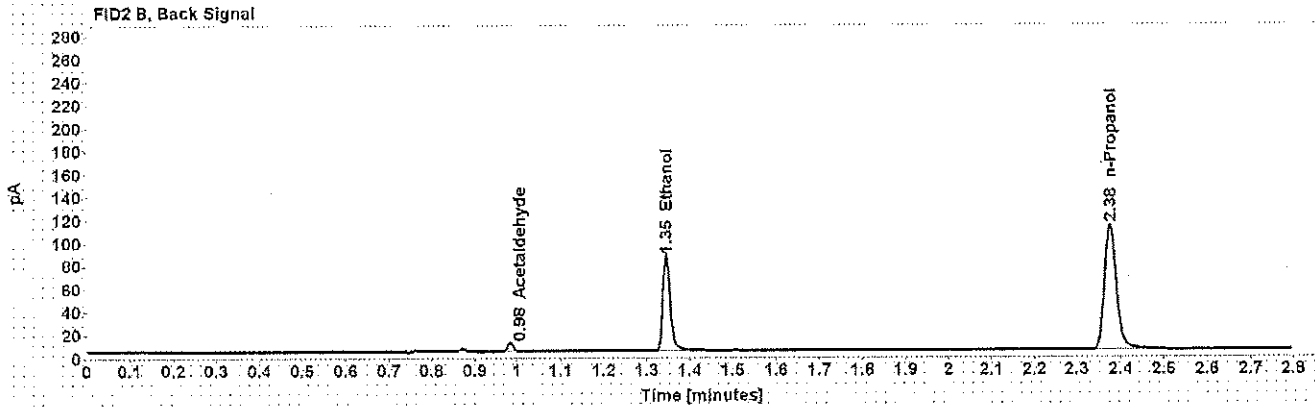
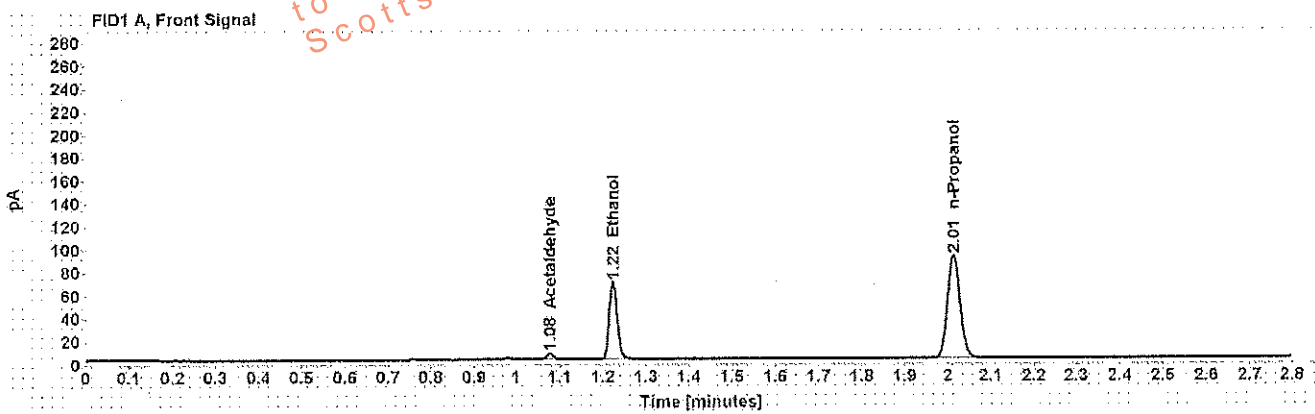


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.312
>Ethanol	0.1324	1.224	86.496
n-Propanol	-----	2.014	182.878

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.672
Ethanol	1.345	100.855
n-Propanol	2.376	211.388

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1151352
Injection date: 12/26/2017 12:31:49 PM	Vial: 11
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\11.D	

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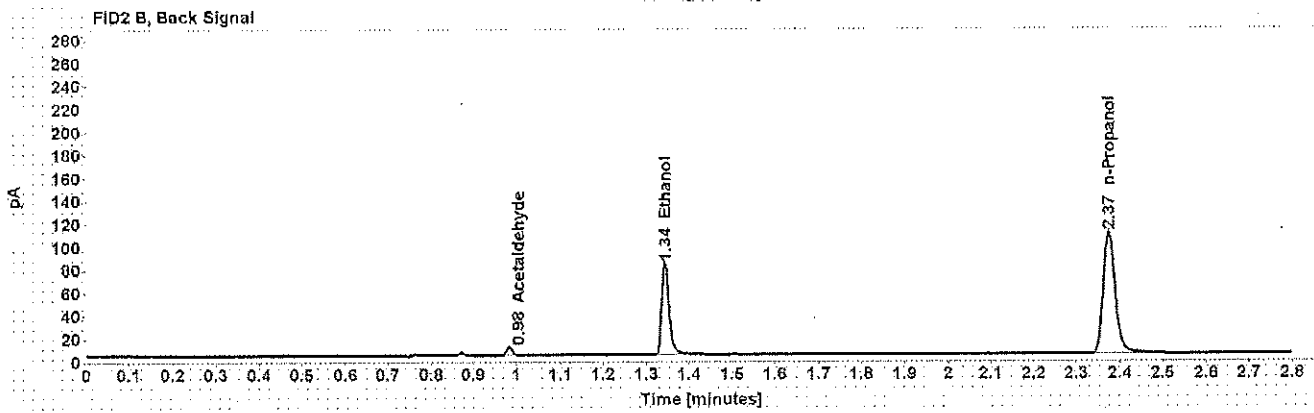
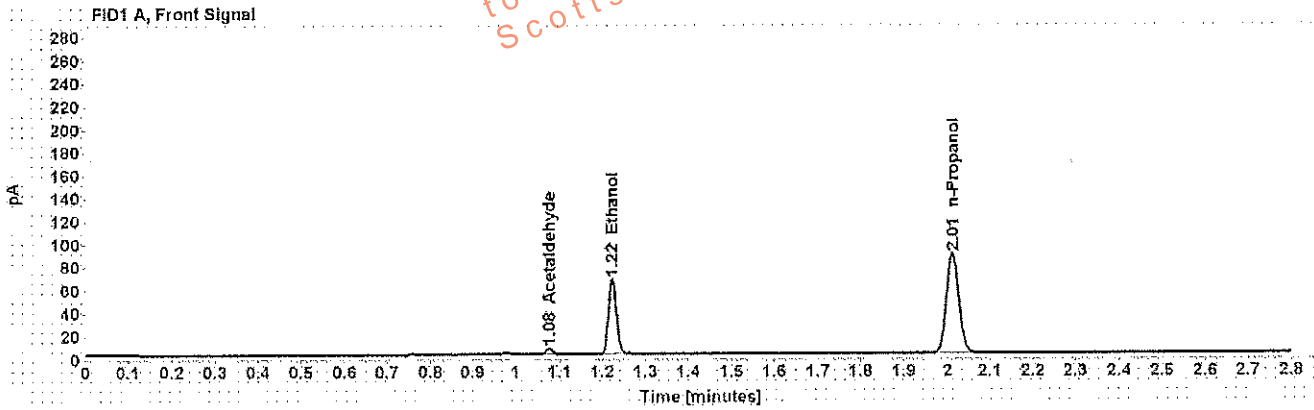


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.301
>Ethanol	0.1314	1.223	83.337
n-Propanol	-----	2.013	177.495

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.678
Ethanol	1.344	97.110
n-Propanol	2.375	205.239

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1180911
Injection date: 12/26/2017 12:35:50 PM	Vial: 12
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\12.D	

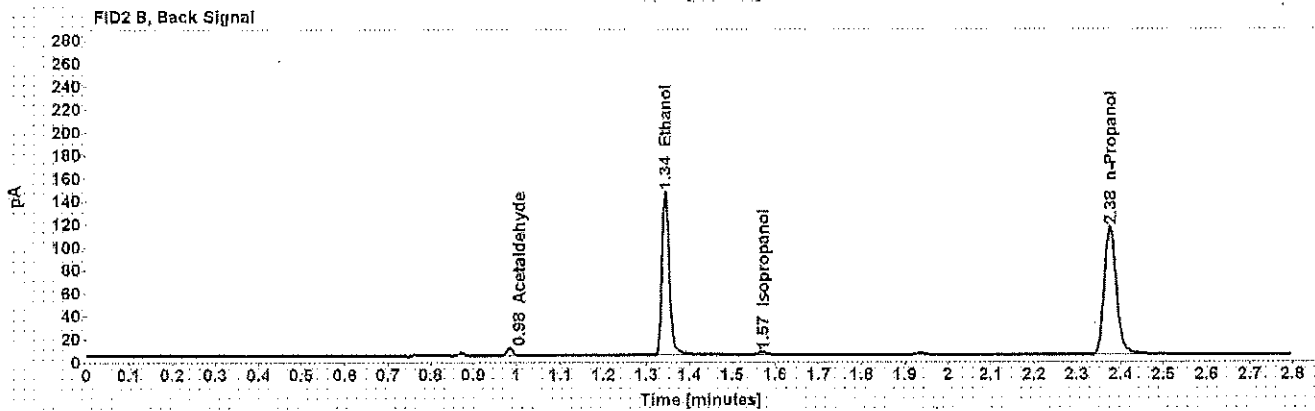
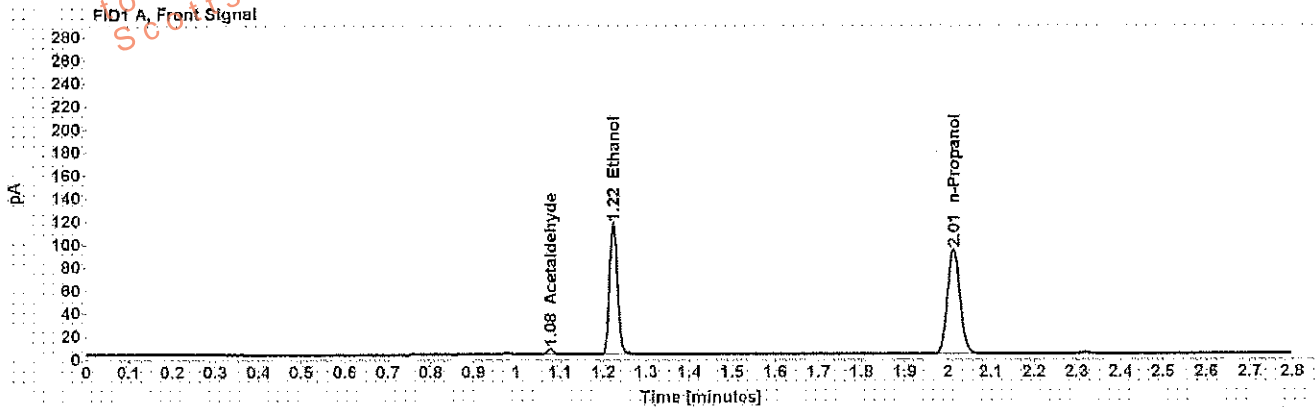


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.757
>Ethanol	0.2195	1.223	145.941
n-Propanol	-----	2.013	185.345

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.950
Ethanol	1.344	174.451
Isopropanol	1.571	3.814
n-Propanol	2.376	215.936

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1180911
Injection date: 12/26/2017 12:40:04 PM	Vial: 13
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\13.D	

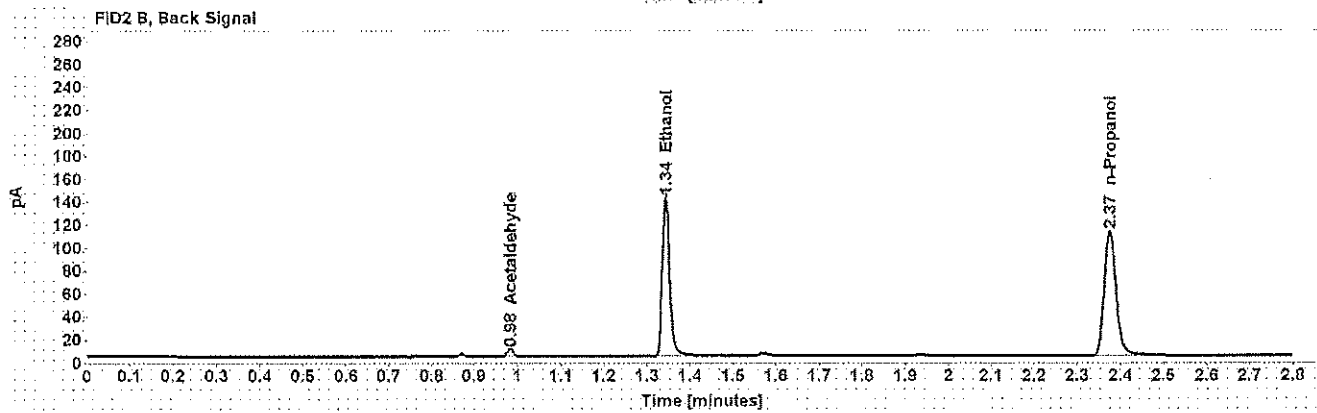
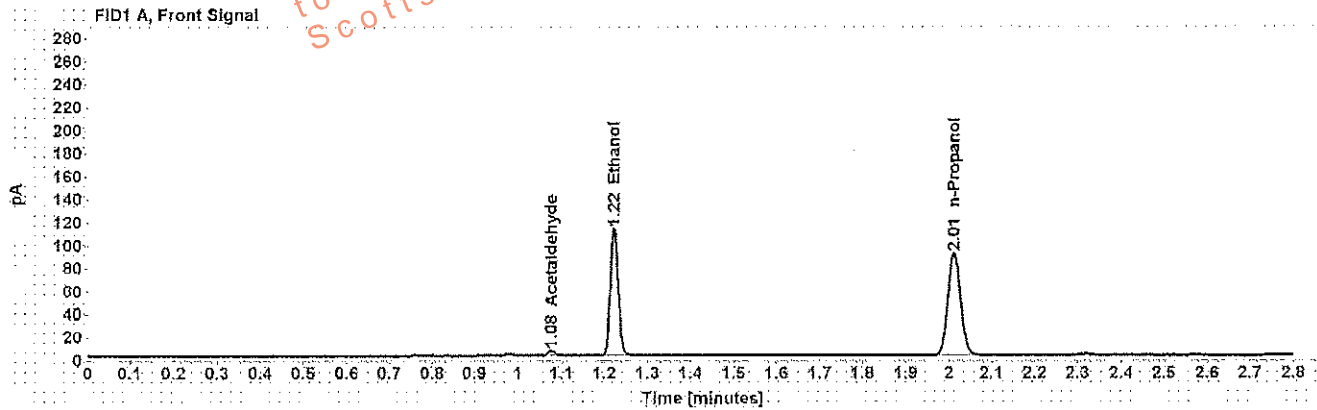


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.577
>Ethanol	0.2180	1.223	141.987
n-Propanol	-----	2.013	181.522

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.803
Ethanol	1.343	169.239
n-Propanol	2.375	211.399

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1189713
Injection date: 12/26/2017 12:44:05 PM	Vial: 14
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\14.D	

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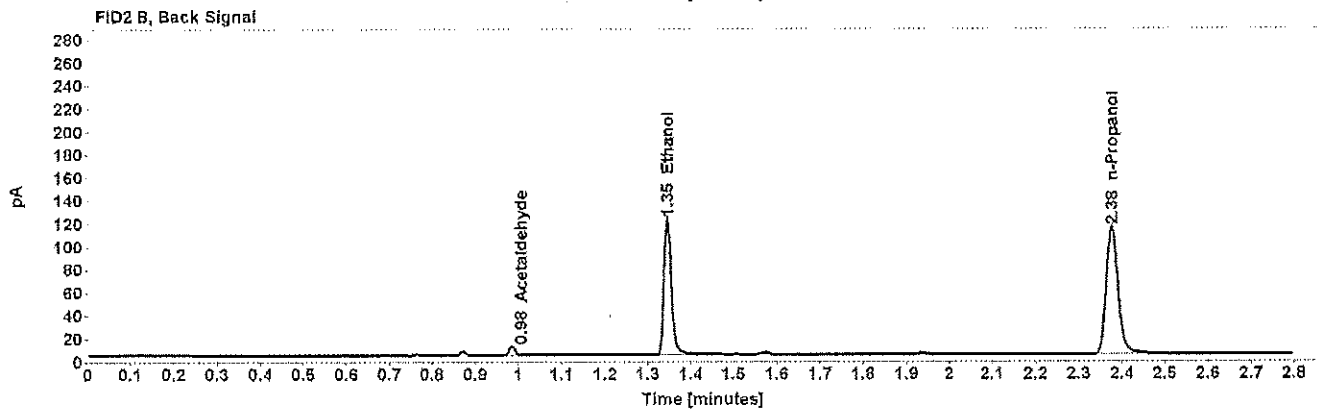
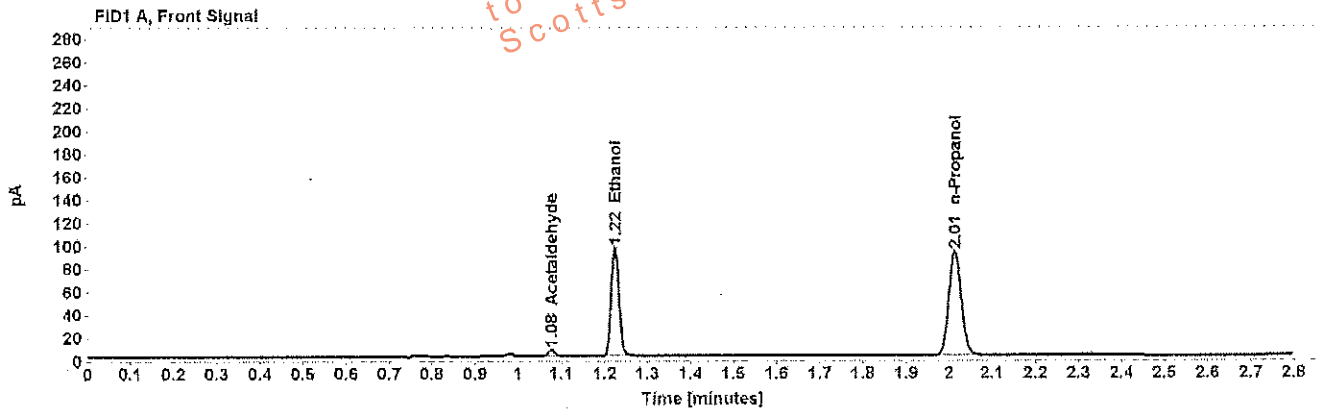


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.685
>Ethanol	0.1824	1.224	121.856
n-Propanol	-----	2.014	186.454

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.152
Ethanol	1.345	145.253
n-Propanol	2.376	215.620

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1189713
Injection date: 12/26/2017 12:48:05 PM	Vial: 15
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\15.D	

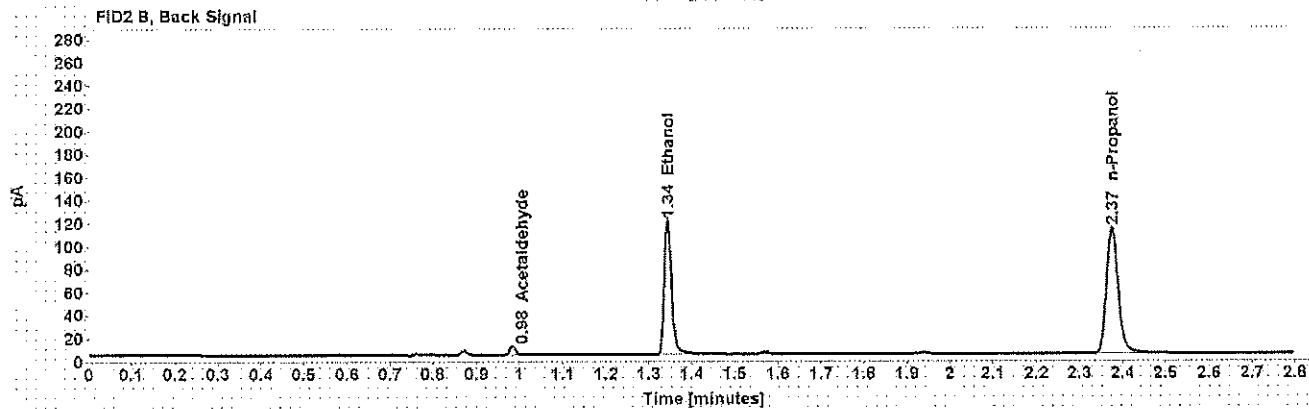
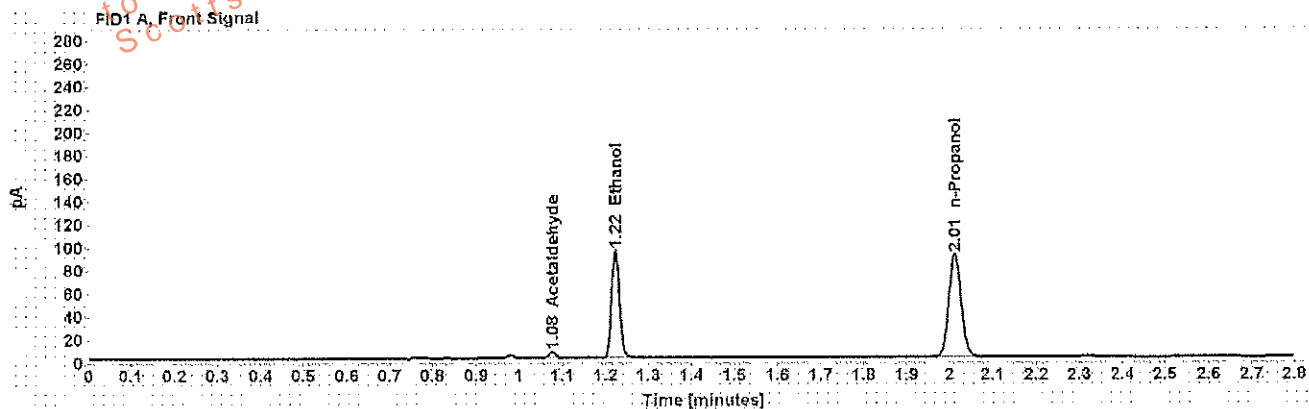


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.739
>Ethanol	0.1824	1.223	120.286
n-Propanol	-----	2.013	184.061

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.228
Ethanol	1.343	143.470
n-Propanol	2.375	213.028

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 285-01A
Injection date: 12/26/2017 12:52:06 PM	Vial: 16
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\26Dec17\16.D	

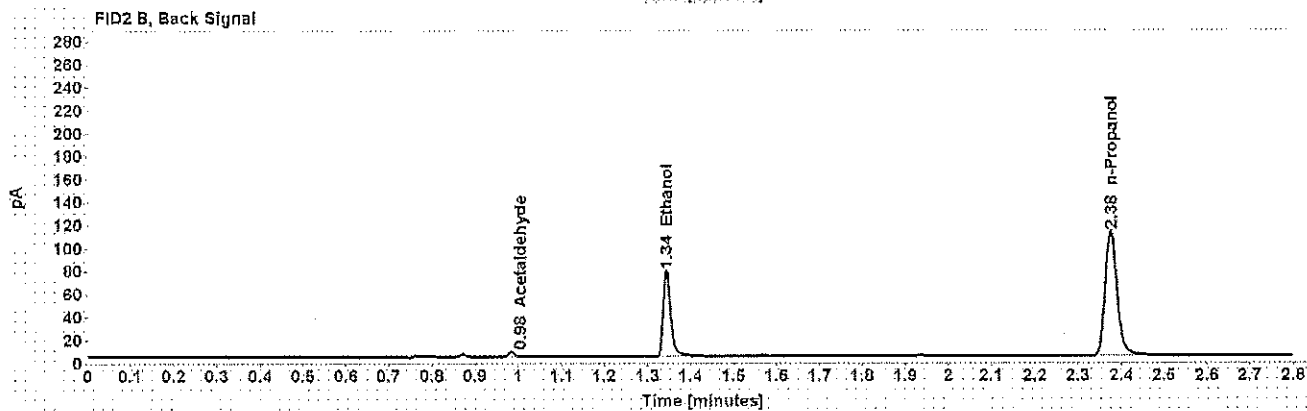
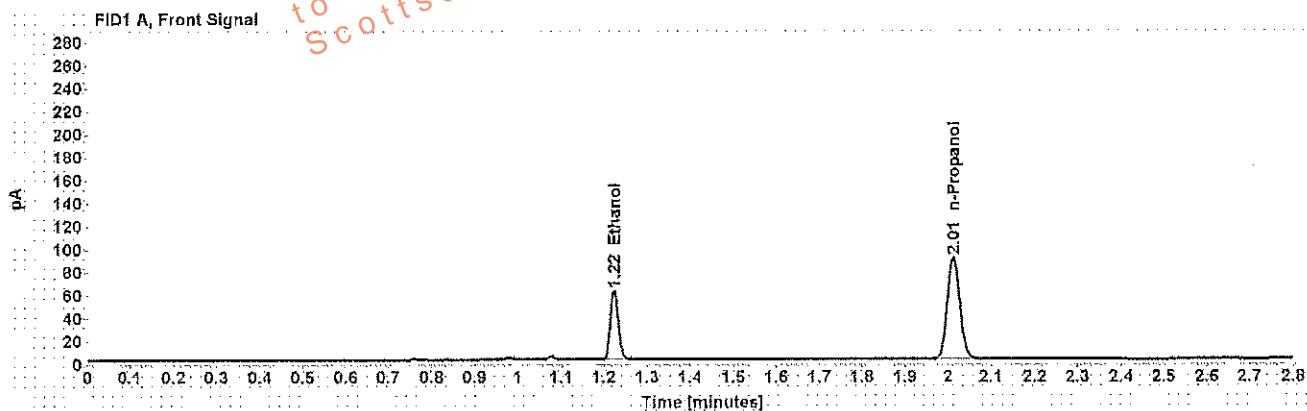


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1207	1.224	77.866
n-Propanol	-----	2.013	180.779

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.774
Ethanol	1.345	91.111
n-Propanol	2.376	209.905

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 285-01A
Injection date: 12/26/2017 12:56:04 PM	Vial: 17
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\17.D	

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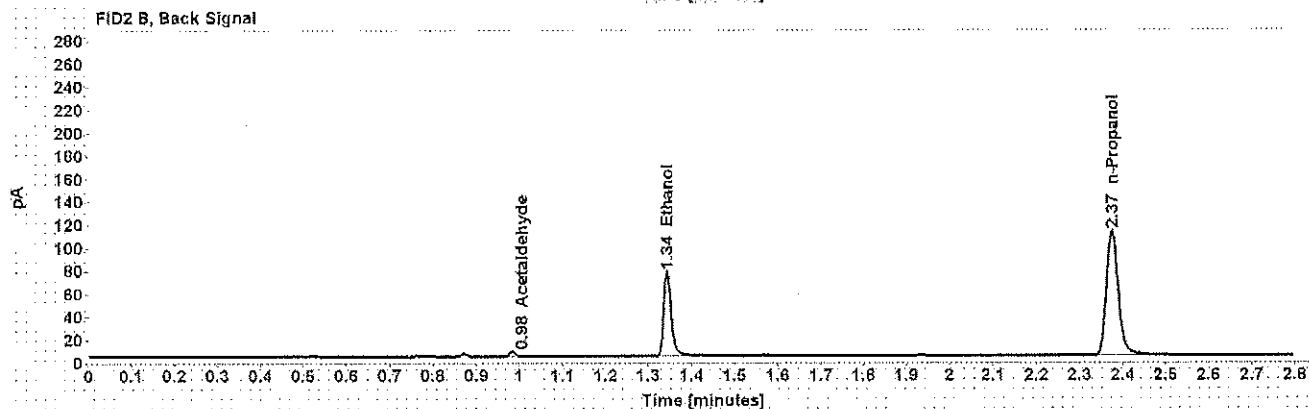
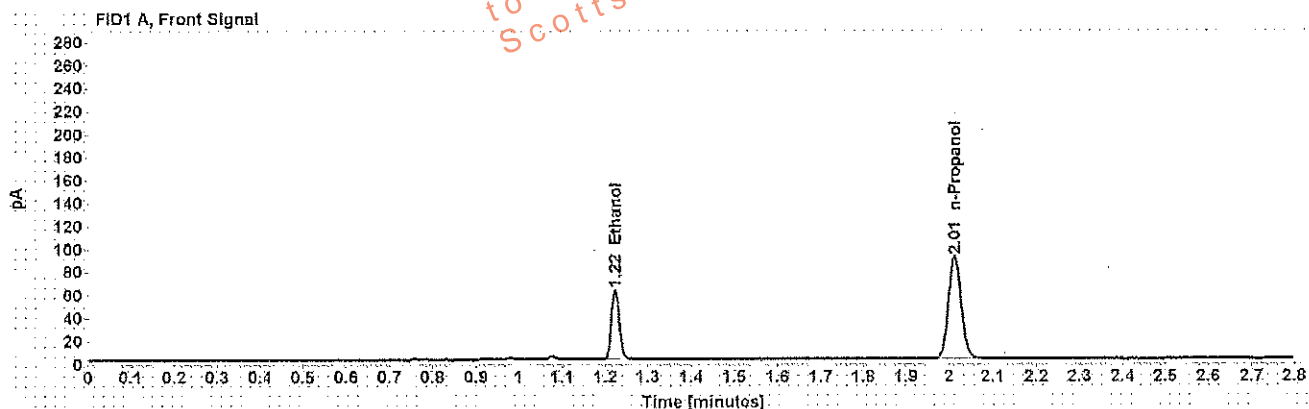


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1195	1.223	77.553
n-Propanol	-----	2.013	181.903

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.844
Ethanol	1.344	90.426
n-Propanol	2.375	211.096

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 150-01A
Injection date: 12/26/2017 1:00:06 PM	Vial: 18
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\18.D	

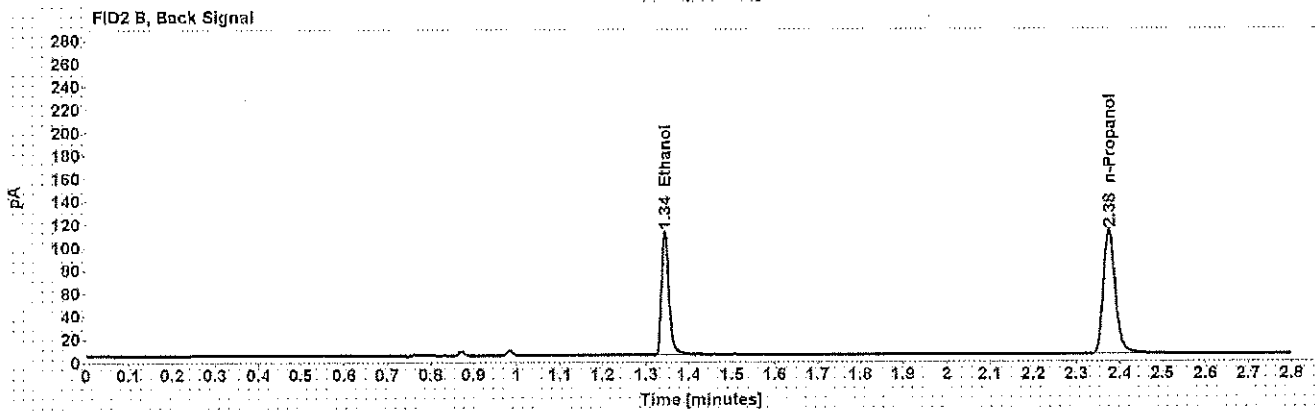
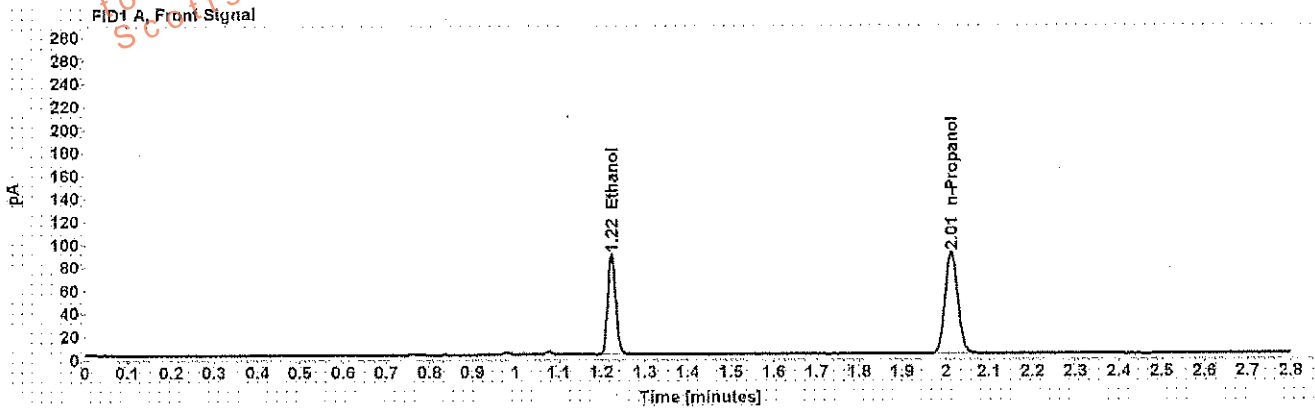


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1720	1.223	111.313
n-Propanol	-----	2.013	180.684

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

Compound	Time (min)	Peak Area
Ethanol	1.344	132.828
n-Propanol	2.376	209.998

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 150-01A
Injection date: 12/26/2017 1:04:20 PM	Vial: 19
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\19.D	

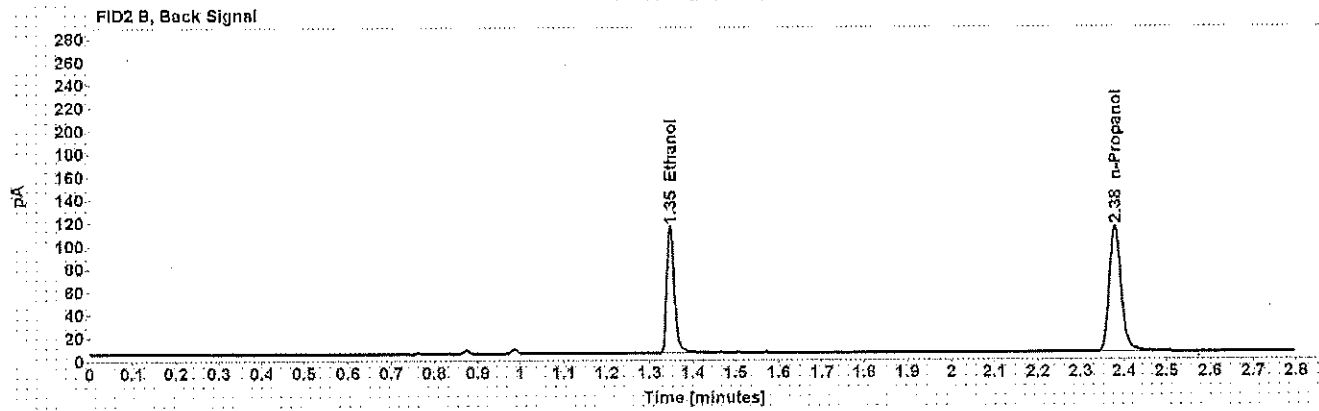
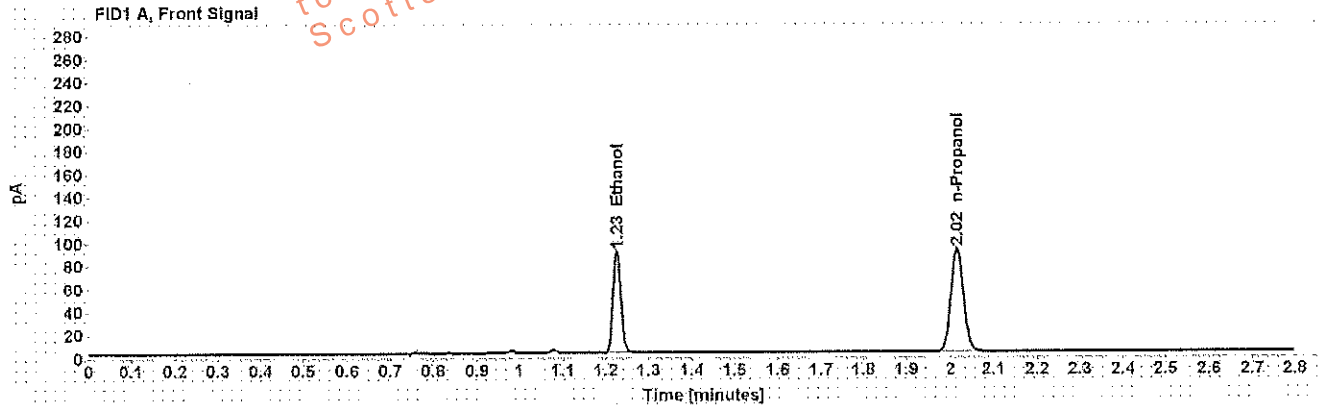


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1749	1.226	114.843
n-Propanol	-----	2.015	183.344

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

Compound	Time (min)	Peak Area
Ethanol	1.348	136.769
n-Propanol	2.379	213.002

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1183589
Injection date: 12/26/2017 1:12:21 PM	Vial: 21
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\21.D	

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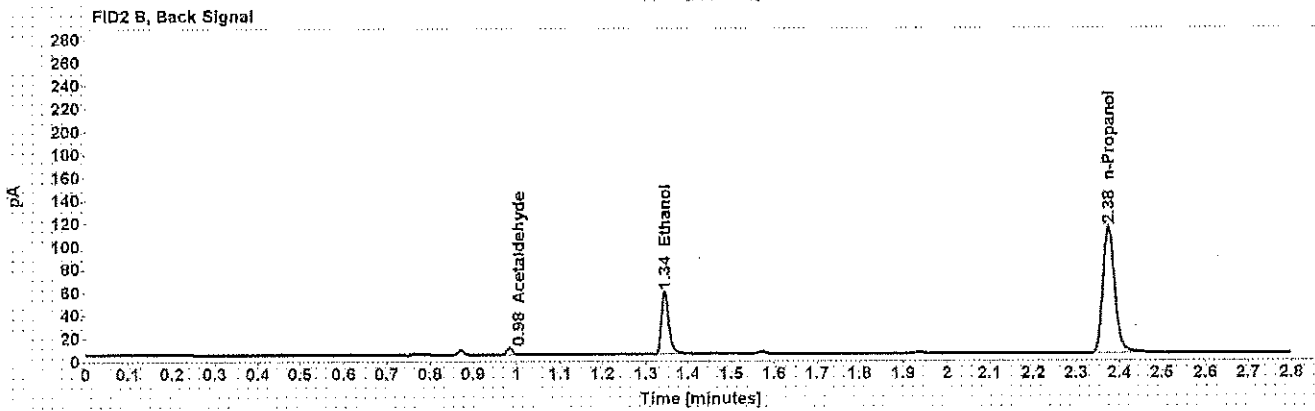
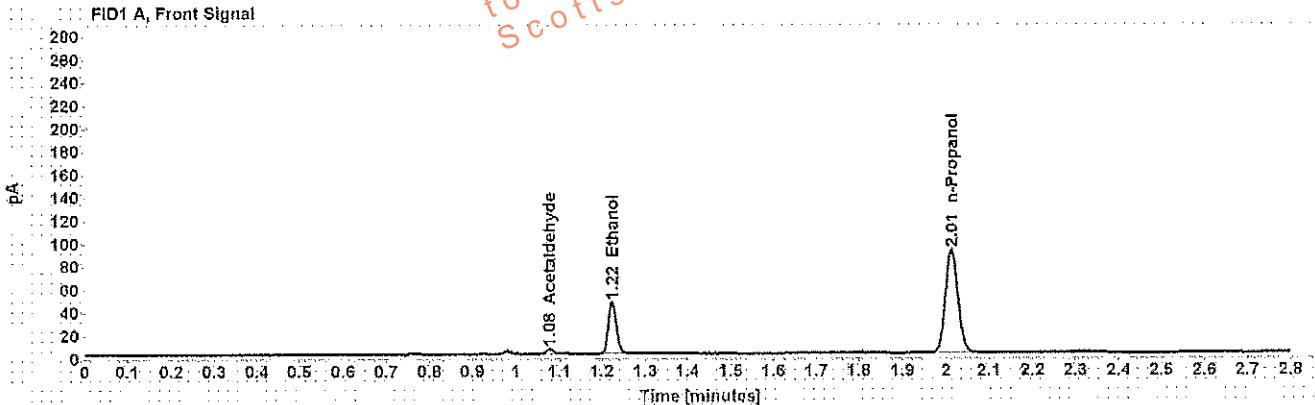


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.399
>Ethanol	0.0888	1.224	57.764
n-Propanol	-----	2.013	182.943

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.561
Ethanol	1.345	67.287
n-Propanol	2.375	212.960

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1183589
Injection date: 12/26/2017 1:16:20 PM	Vial: 22
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
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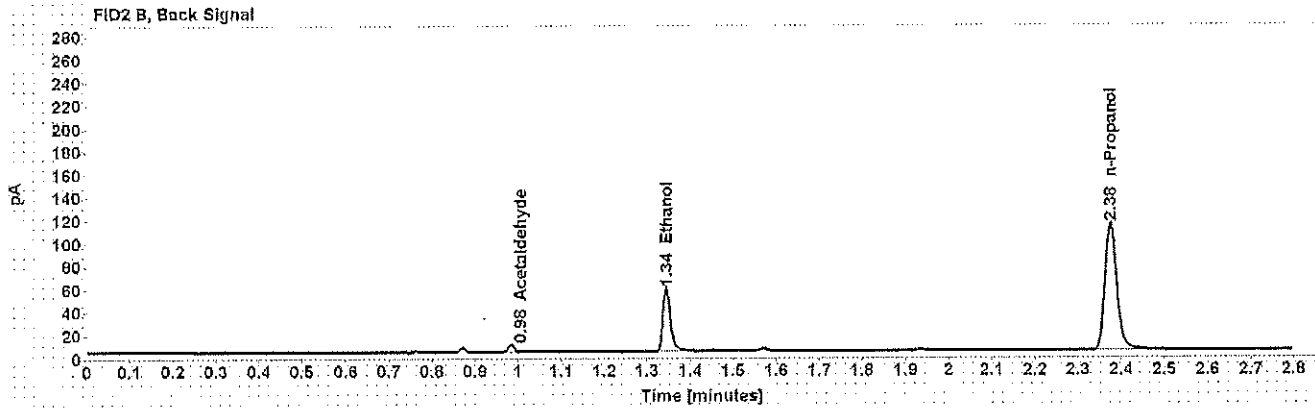
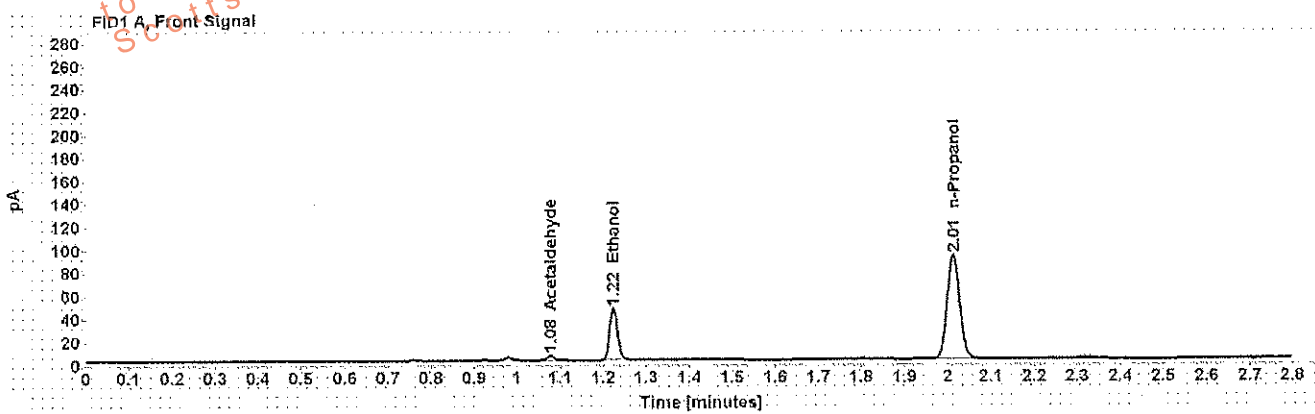


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.523
>Ethanol	0.0881	1.224	58.047
n-Propanol	-----	2.013	185.383

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.692
Ethanol	1.345	69.409
n-Propanol	2.375	214.428

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1187518
Injection date: 12/26/2017 1:20:19 PM	Vial: 23
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1Data\26Dec17\23.D	

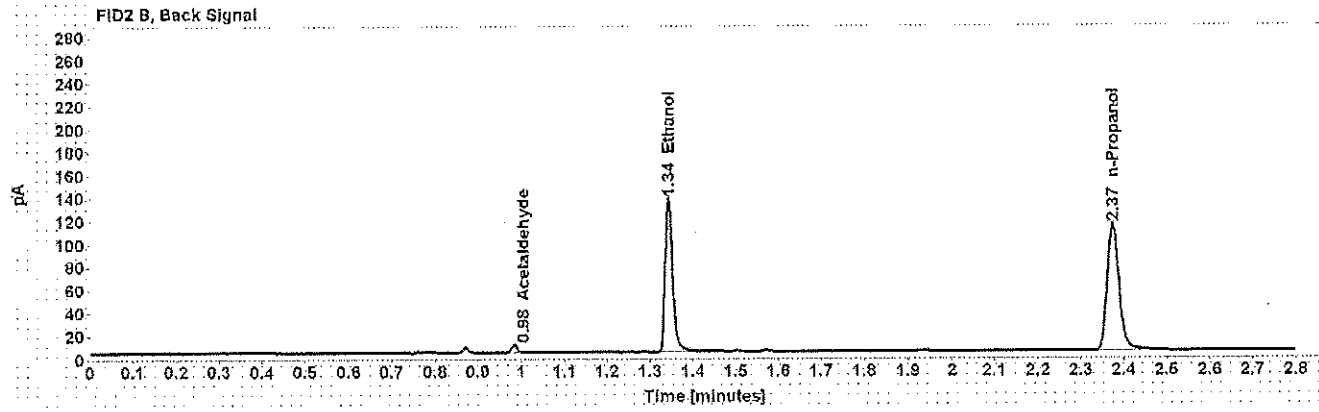
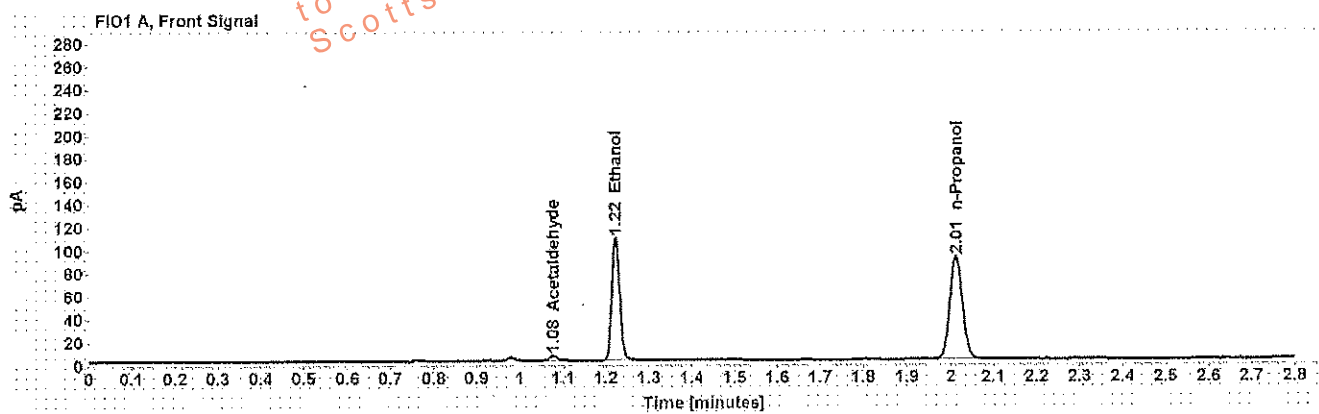


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.763
>Ethanol	0.2089	1.223	136.824
n-Propanol	-----	2.013	182.614

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.030
Ethanol	1.343	163.682
n-Propanol	2.375	213.208

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1187518
Injection date: 12/26/2017 1:24:20 PM	Vial: 24
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\24.D	

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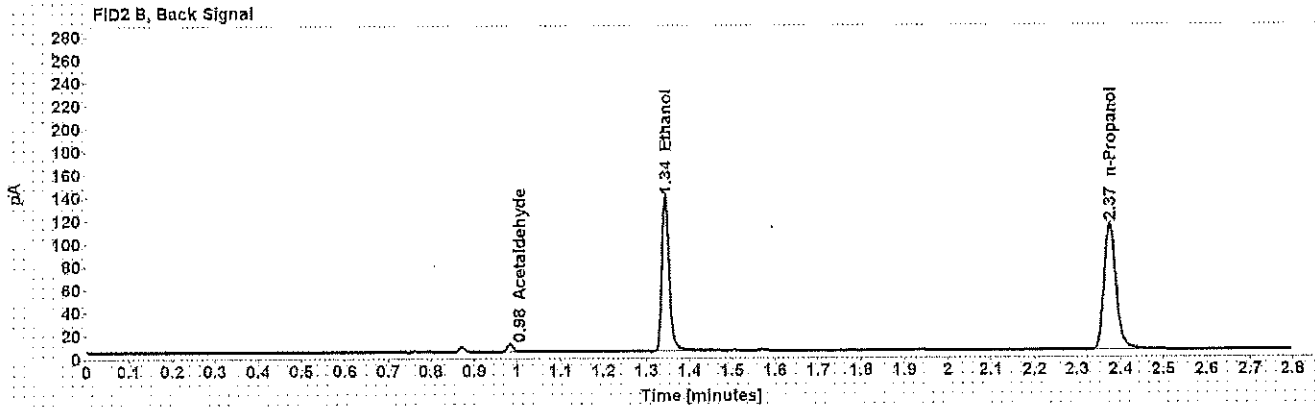
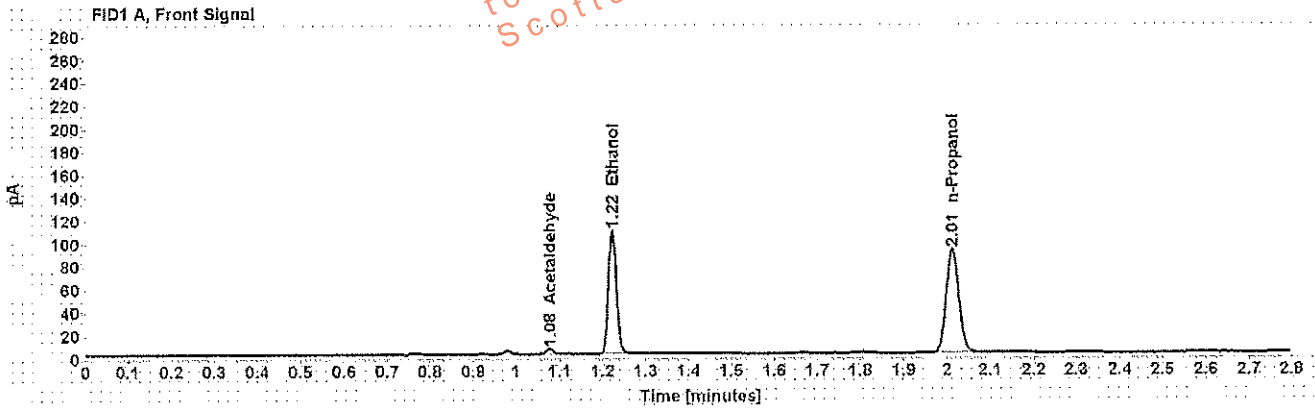


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.771
>Ethanol	0.2095	1.223	137.769
n-Propanol	-----	2.013	183.324

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.032
Ethanol	1.343	164.790
n-Propanol	2.375	214.326

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1186760
Injection date: 12/26/2017 1:28:34 PM	Vial: 25
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\26Dec17\25.D	

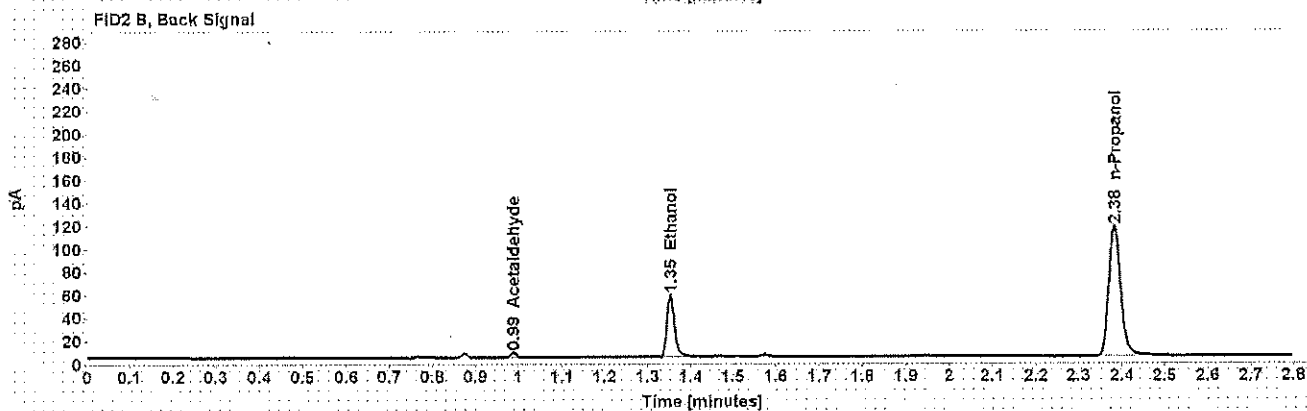
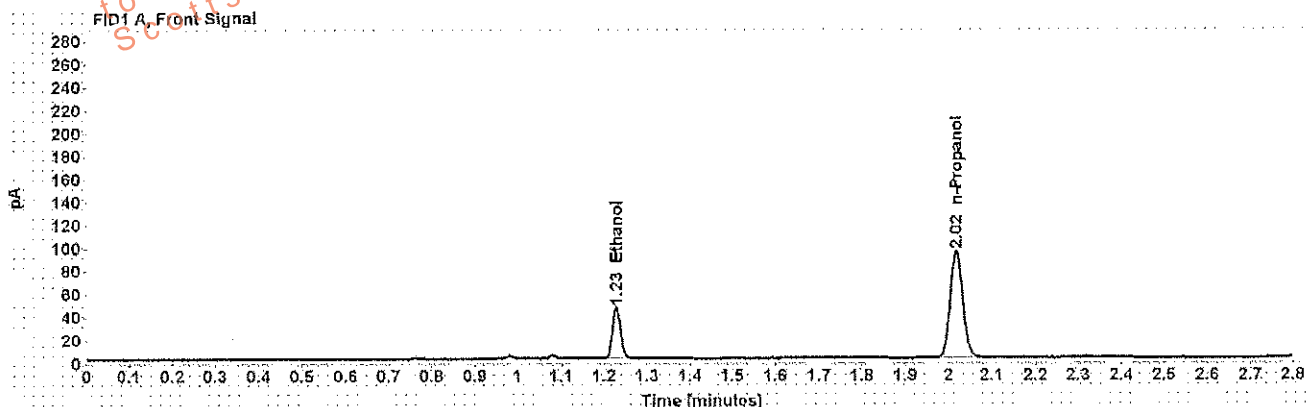


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0860	1.229	57.578
n-Propanol	-----	2.018	188.536

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	3.782
Ethanol	1.353	67.320
n-Propanol	2.383	219.933

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1186760
Injection date: 12/26/2017 1:32:35 PM	Vial: 26
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\26.D	

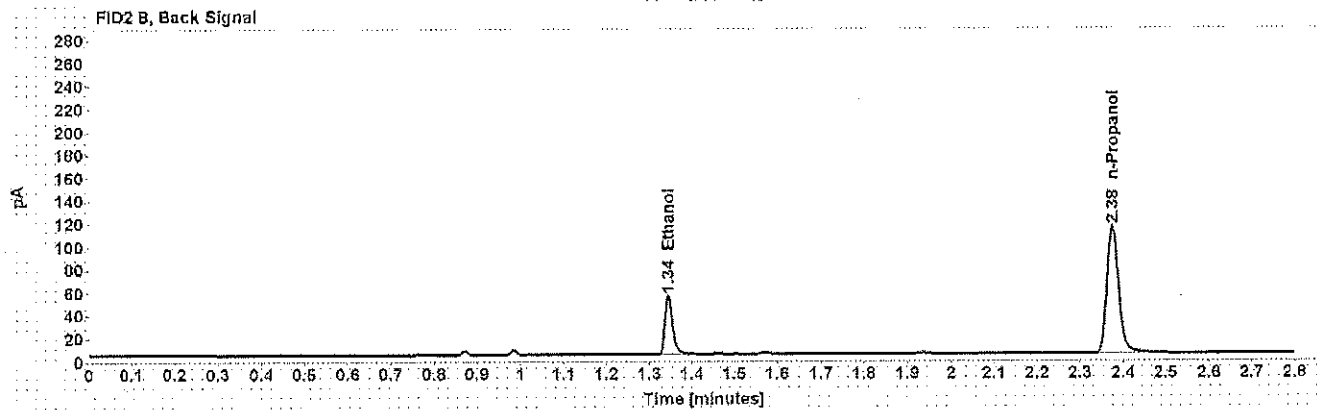
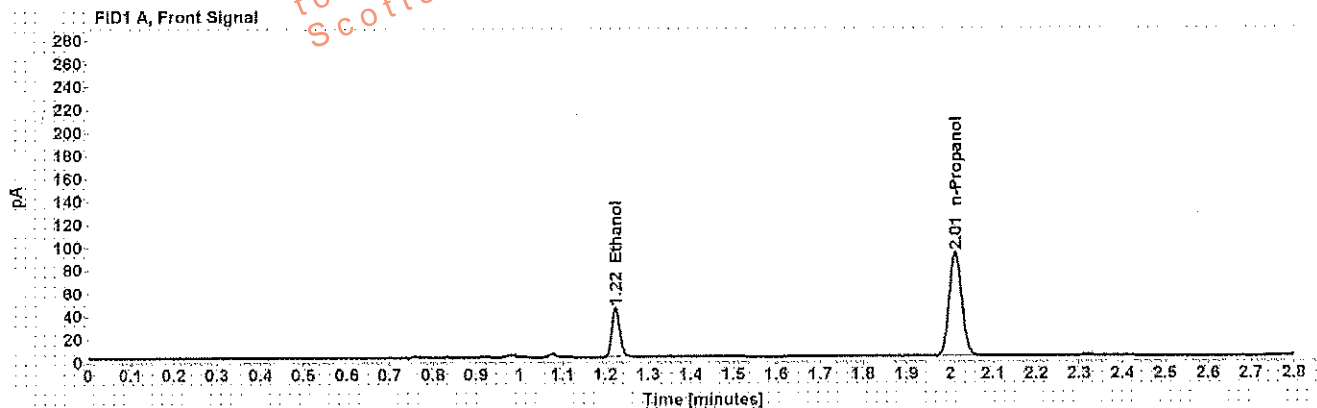


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0839	1.223	54.905
n-Propanol	-----	2.013	184.178

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

Compound	Time (min)	Peak Area
Ethanol	1.344	64.139
n-Propanol	2.375	215.053

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1188100
Injection date: 12/26/2017 1:36:34 PM	Vial: 27
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\27.D	

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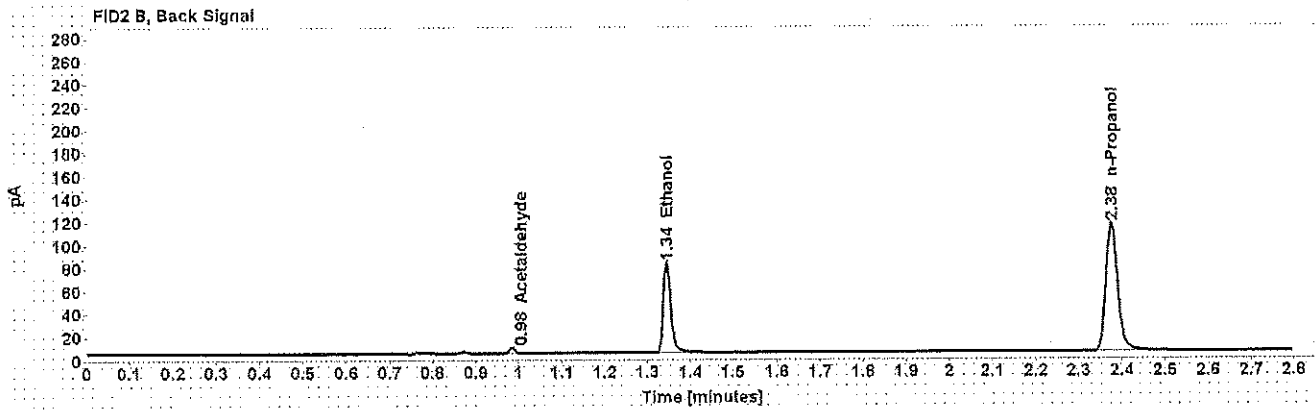
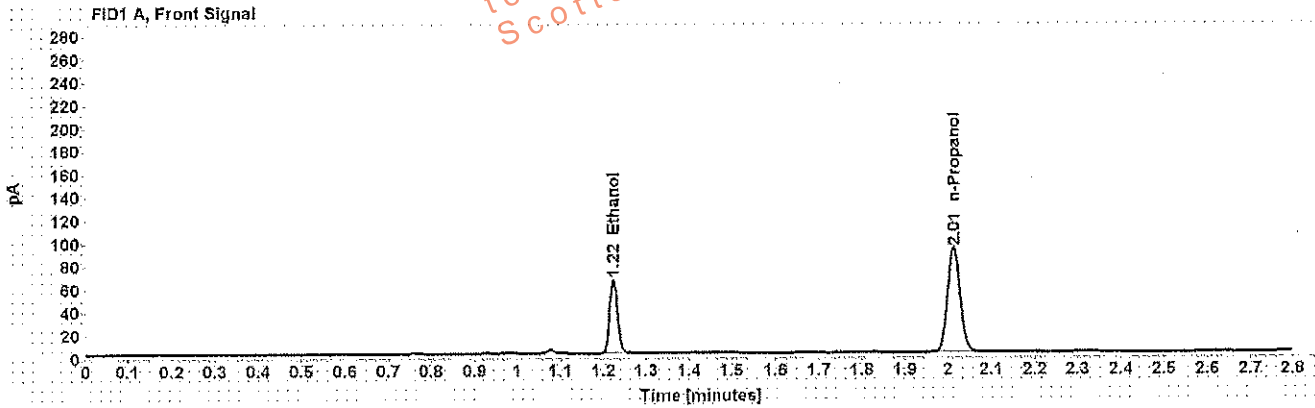


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1245	1.224	82.463
n-Propanol	-----	2.013	185.584

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.336
Ethanol	1.345	96.578
n-Propanol	2.376	215.648

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1188100
Injection date: 12/26/2017 1:40:35 PM	Vial: 28
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\28.D	

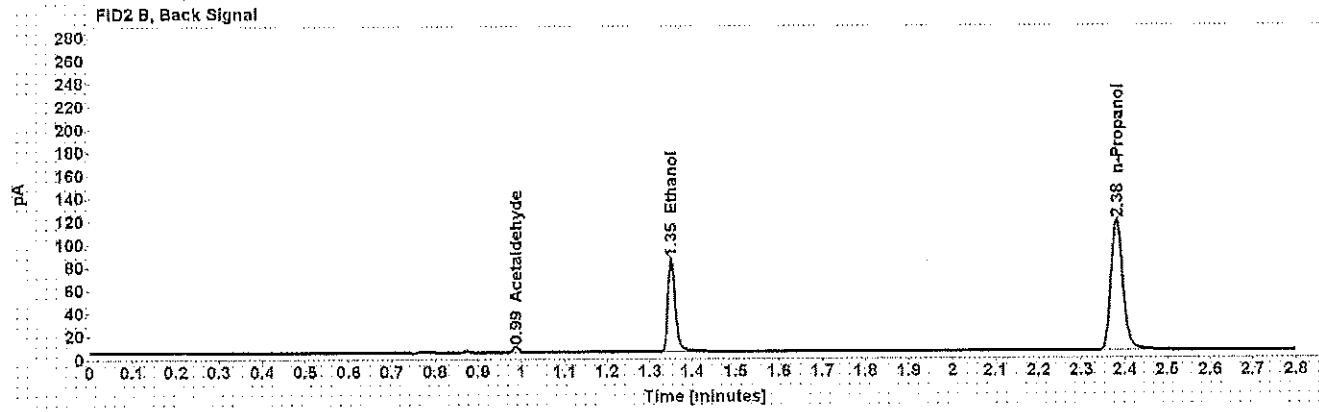
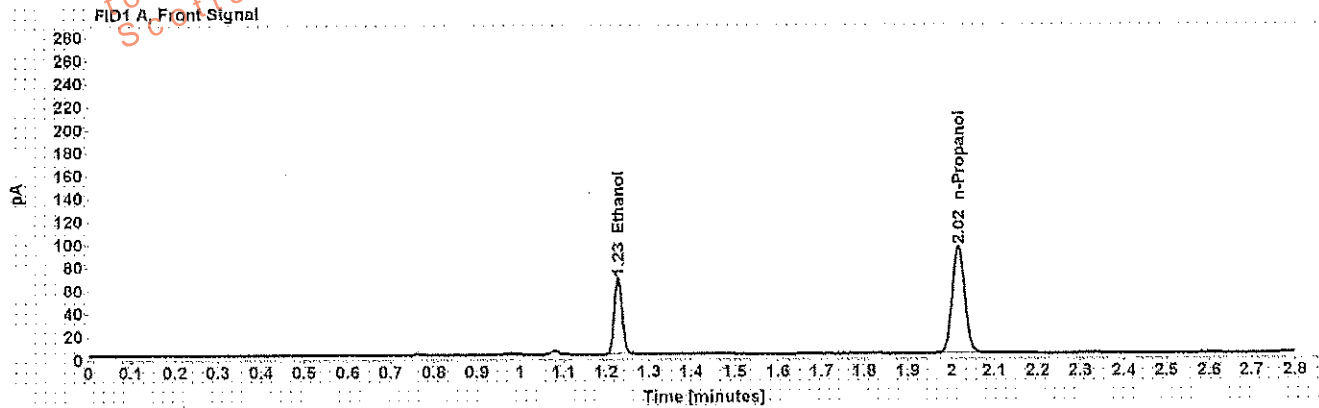


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1264	1.228	85.708
n-Propanol	-----	2.017	189.875

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.967	4.330
Ethanol	1.351	101.423
n-Propanol	2.381	220.931

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1187908
Injection date: 12/26/2017 1:44:34 PM	Vial: 29
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\29.D	

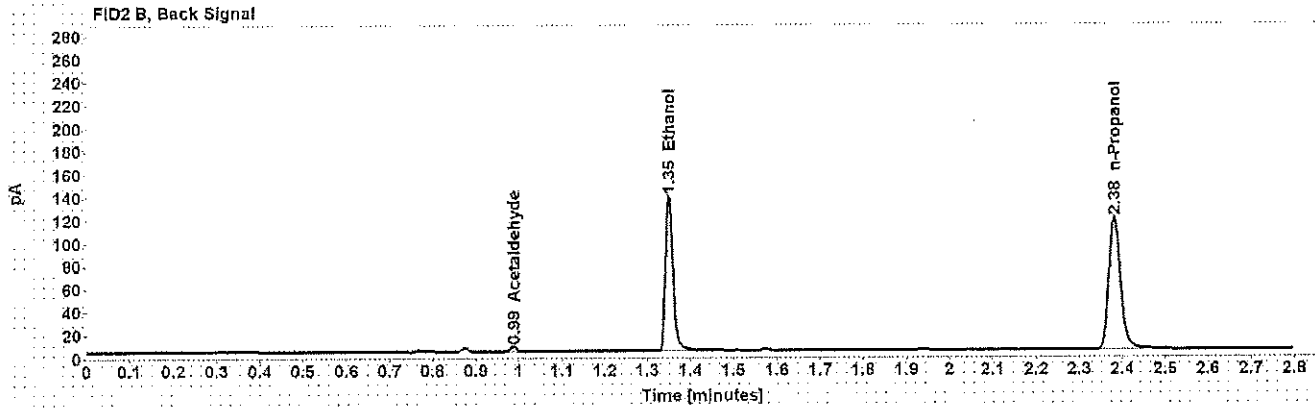
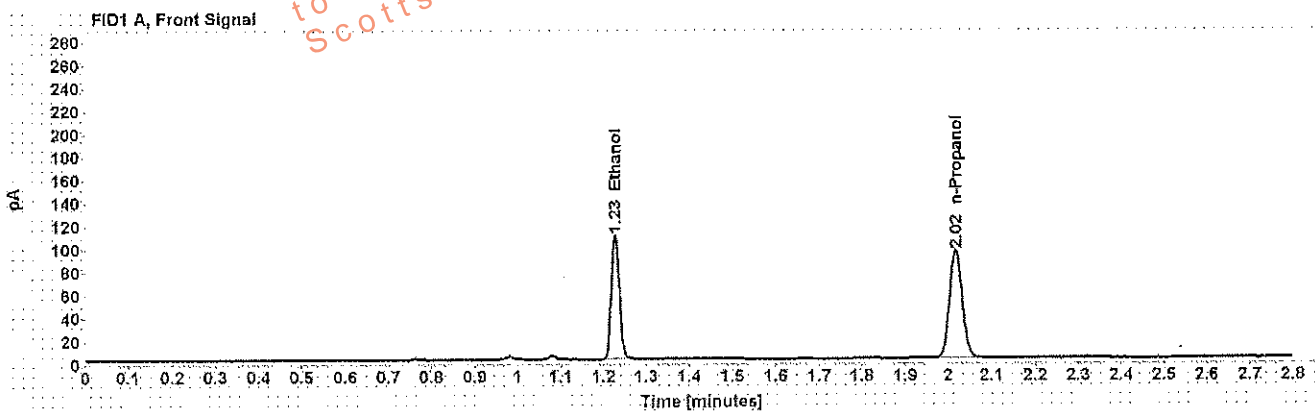


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2044	1.228	139.897
n-Propanol	-----	2.017	190.828

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	4.245
Ethanol	1.351	167.337
n-Propanol	2.382	223.333

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1187908
Injection date: 12/26/2017 1:48:35 PM	Vial: 30
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\30.D	

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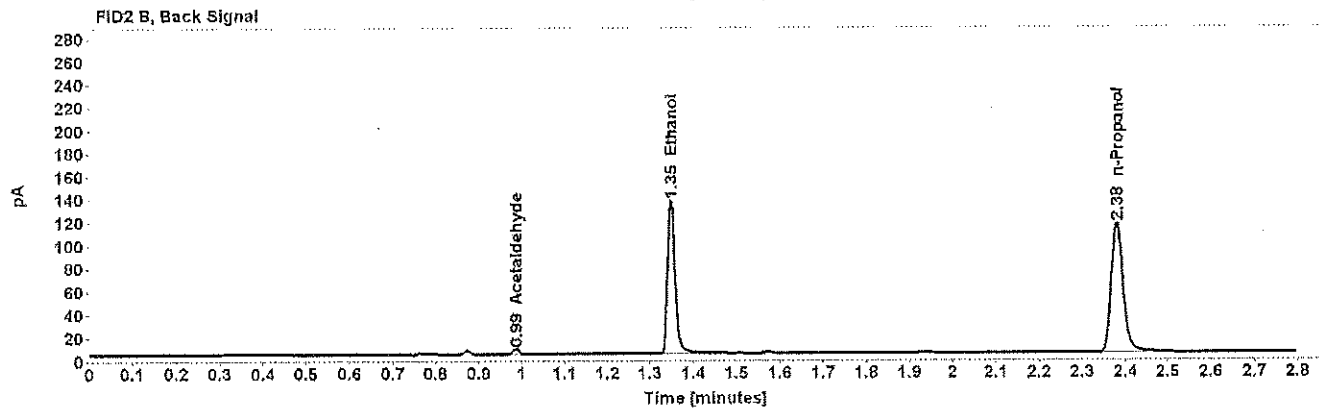
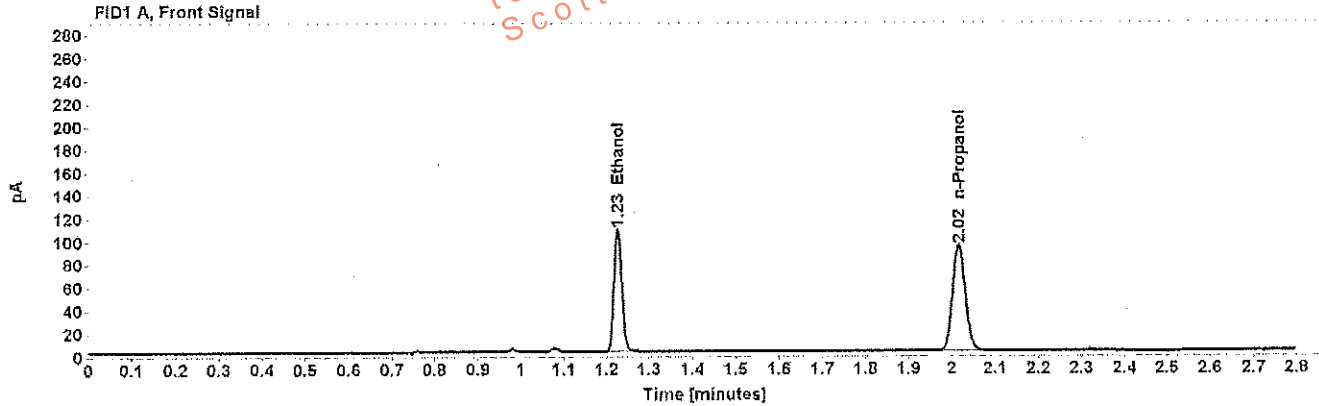


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2045	1.226	137.294
n-Propanol	-----	2.016	187.177

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.173
Ethanol	1.349	184.156
n-Propanol	2.380	218.454

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1186163
Injection date:	12/26/2017 1:56:49 PM	Vial:	32
Method:	ethanol quant.M	Sequence:	26Dec17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\26Dec17\32.D		

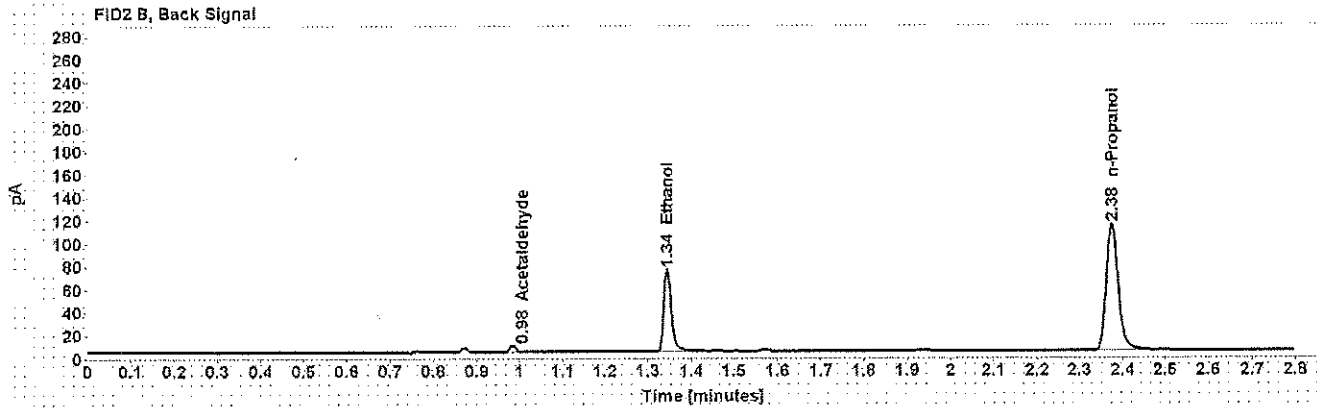
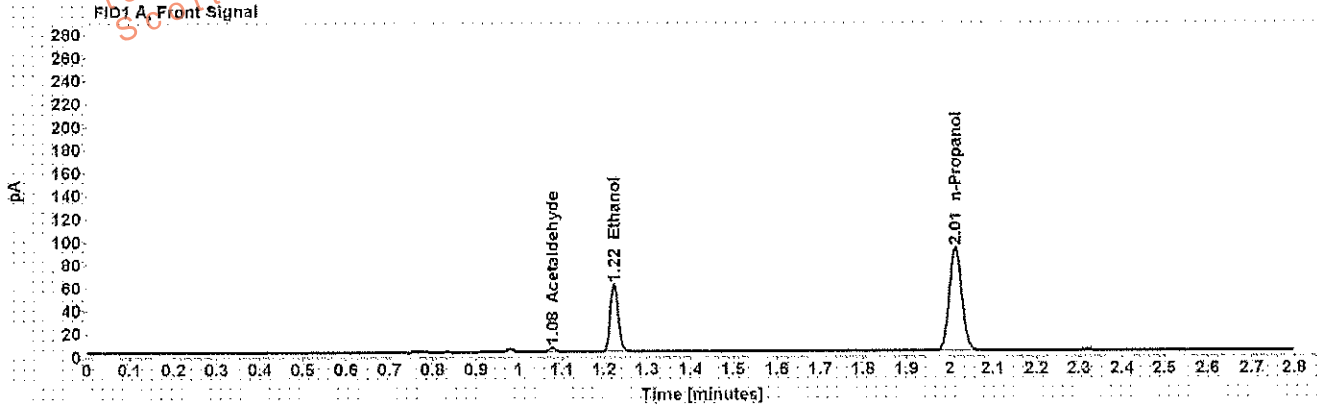


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.027
>Ethanol	0.1153	1.223	75.317
n-Propanol	-----	2.013	183.061

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.070
Ethanol	1.344	89.788
n-Propanol	2.375	213.829

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1186163
Injection date: 12/26/2017 2:00:49 PM	Vial: 33
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
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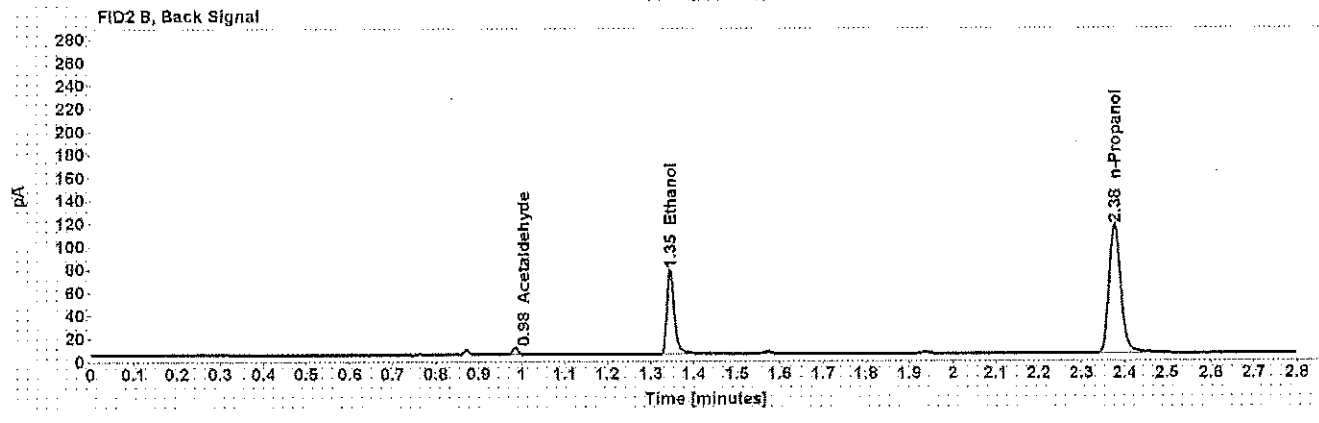
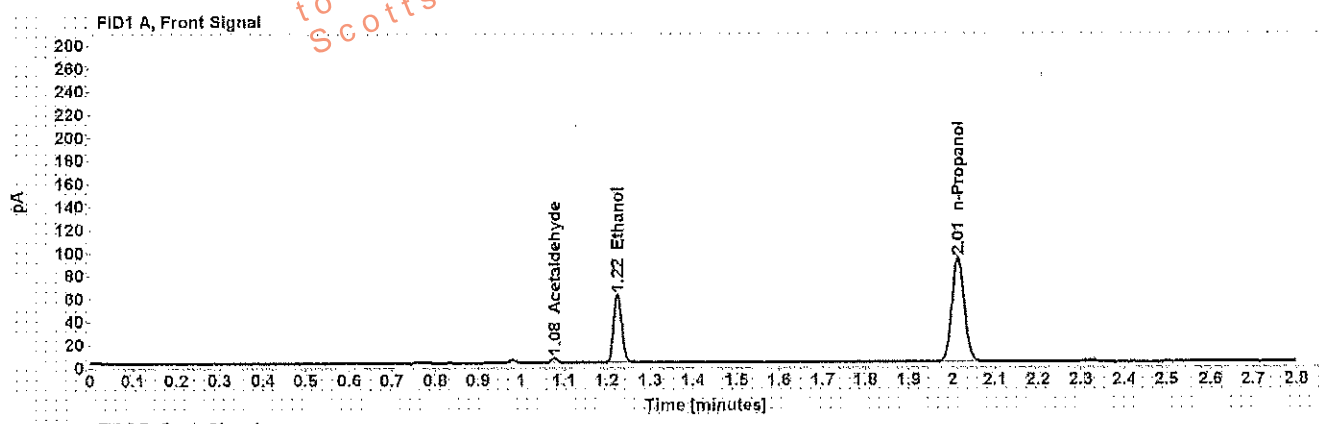


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.241
>Ethanol	0.1151	1.224	76.556
n-Propanol	-----	2.014	186.535

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.396
Ethanol	1.345	91.365
n-Propanol	2.376	215.940

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1181089
Injection date: 12/26/2017 2:04:49 PM	Vial: 34
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
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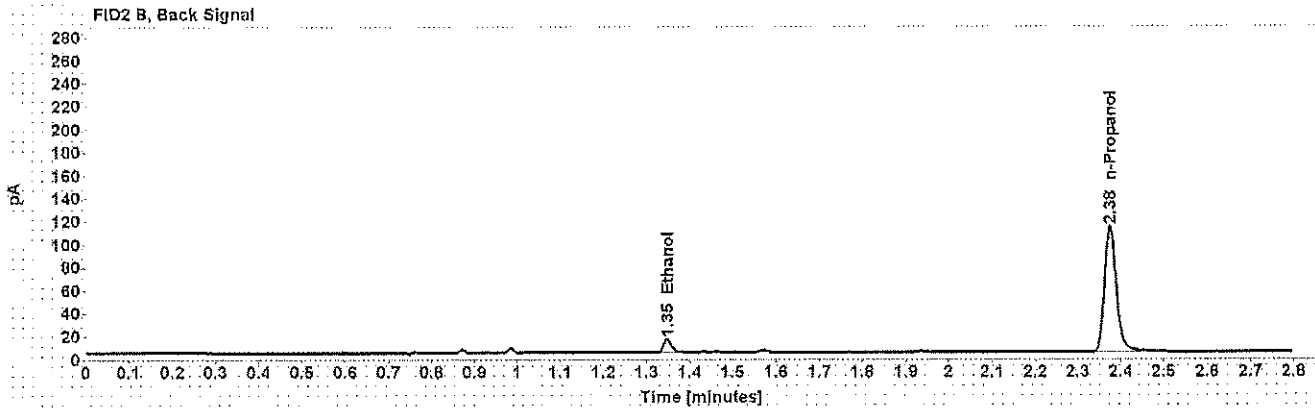
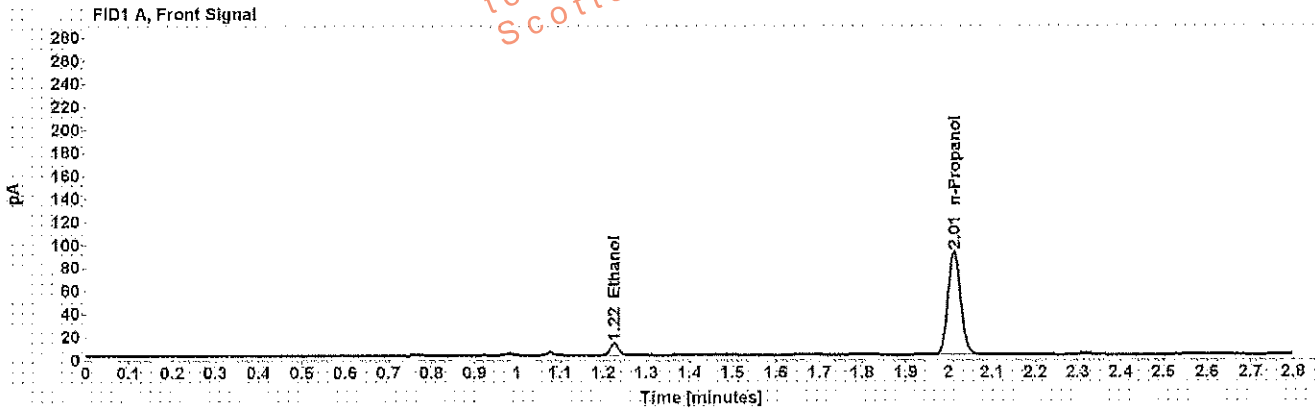


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0211	1.225	12.912
n-Propanol	-----	2.013	181.650

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

Compound	Time (min)	Peak Area
Ethanol	1.347	15.384
n-Propanol	2.375	211.980

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1181089
Injection date: 12/26/2017 2:08:50 PM	Vial: 35
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: LS14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\35.D	

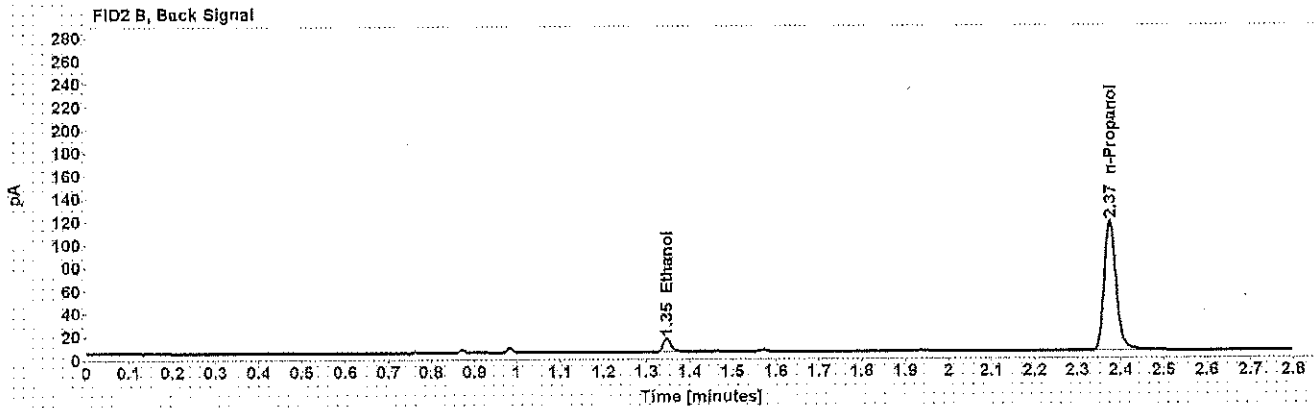
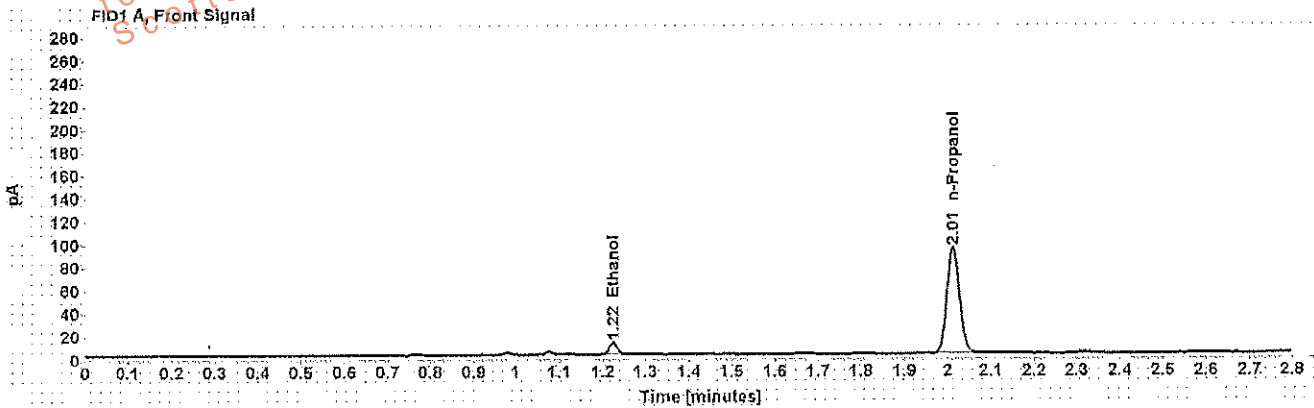


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0209	1.225	13.218
n-Propanol	-----	2.013	187.263

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

Compound	Time (min)	Peak Area
Ethanol	1.347	15.893
n-Propanol	2.375	219.055

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 312-01A
Injection date: 12/26/2017 2:12:49 PM	Vial: 36
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\26Dec17\36.D	

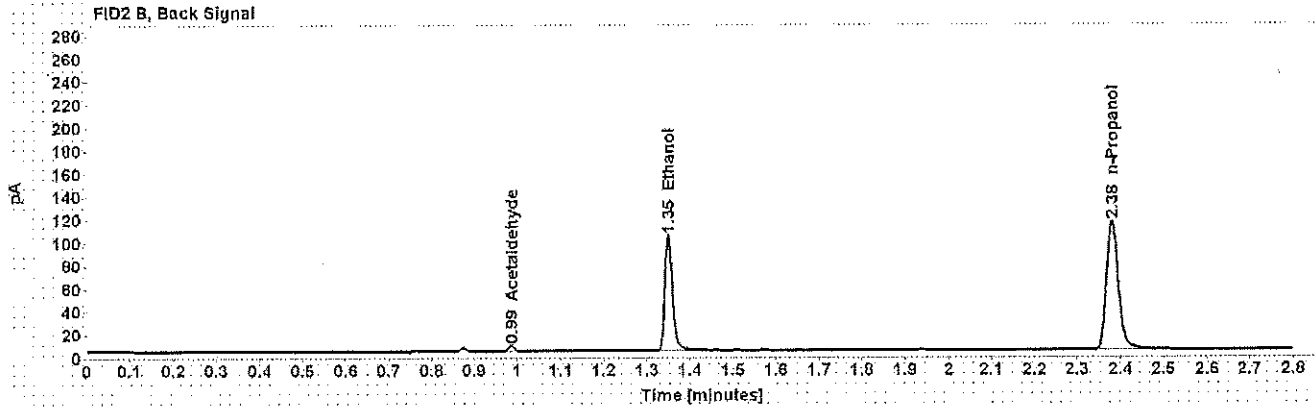
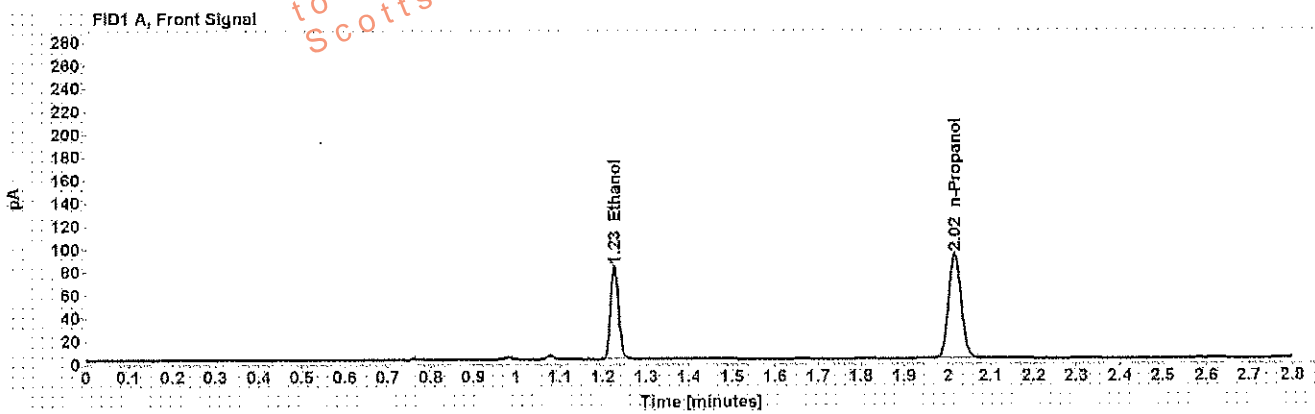


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1574	1.227	104.582
n-Propanol	-----	2.017	185.687

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	4.477
Ethanol	1.350	125.251
n-Propanol	2.381	217.168

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 312-01A
Injection date: 12/26/2017 2:17:05 PM	Vial: 37
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\37.D	

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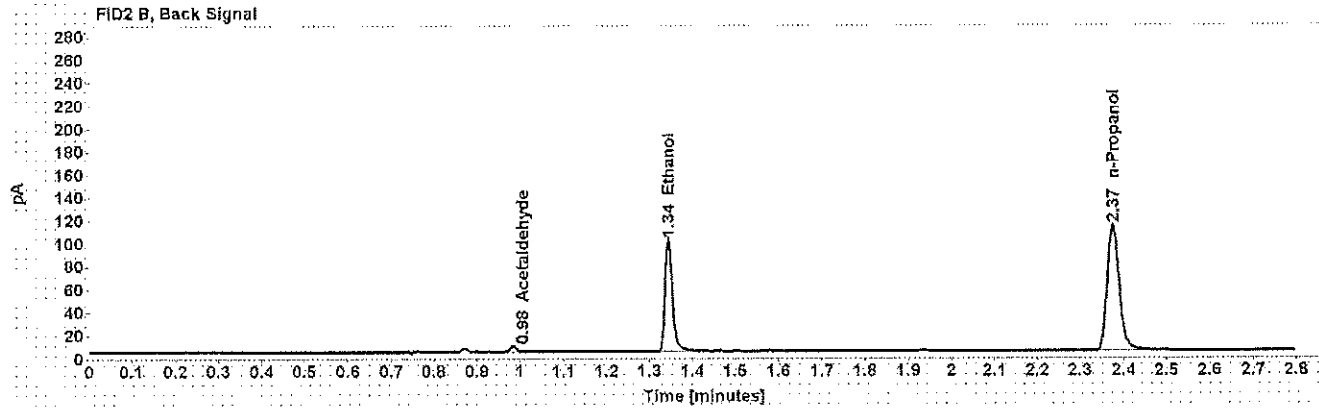
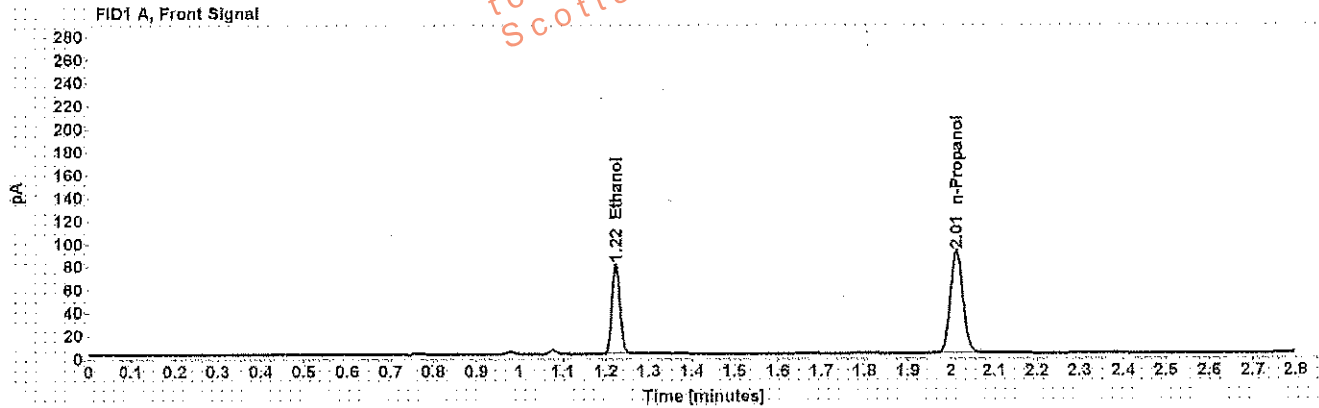


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1546	1.223	100.305
n-Propanol	-----	2.013	161.281

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.619
Ethanol	1.343	120.000
n-Propanol	2.375	212.070

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 321-01A
Injection date: 12/26/2017 2:21:05 PM	Vial: 38
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\38.D	

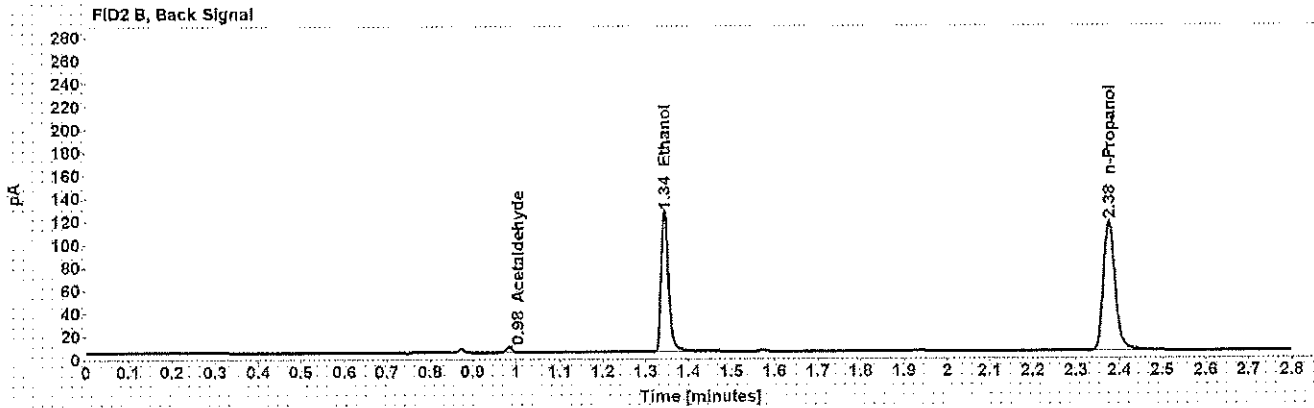
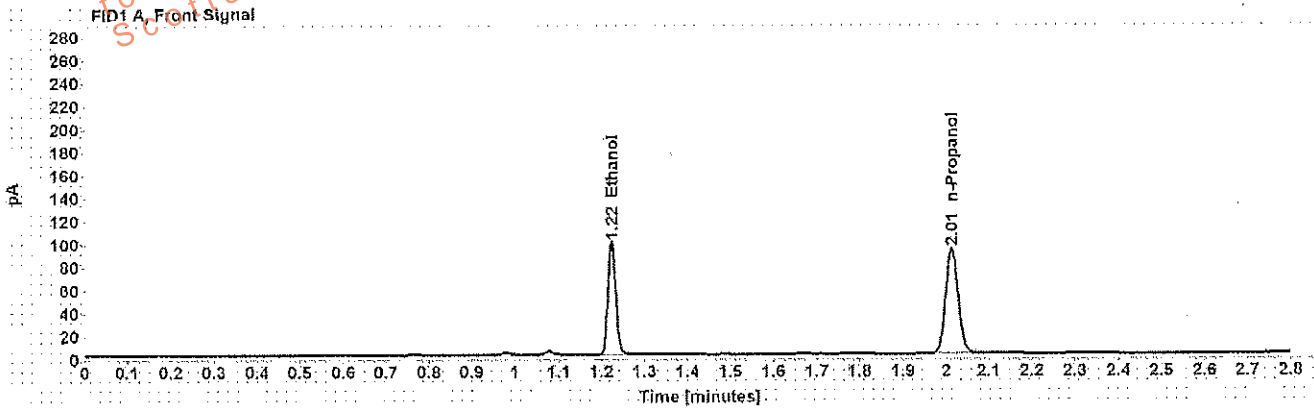


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1880	1.224	125.517
n-Propanol	-----	2.013	186.242

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.310
Ethanol	1.344	150.343
n-Propanol	2.376	218.406

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 321-01A
Injection date: 12/26/2017 2:25:04 PM	Vial: 39
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\26Dec17\39.D	

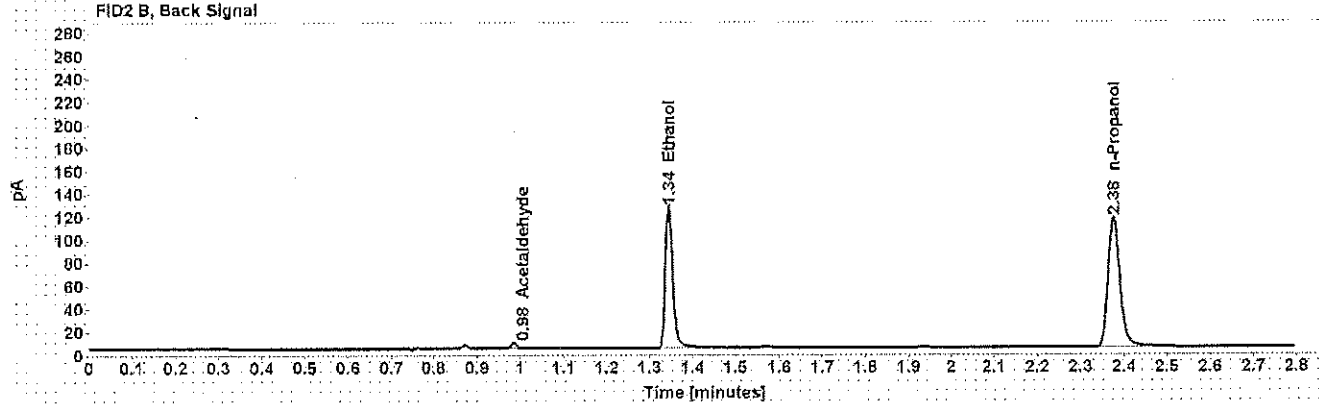
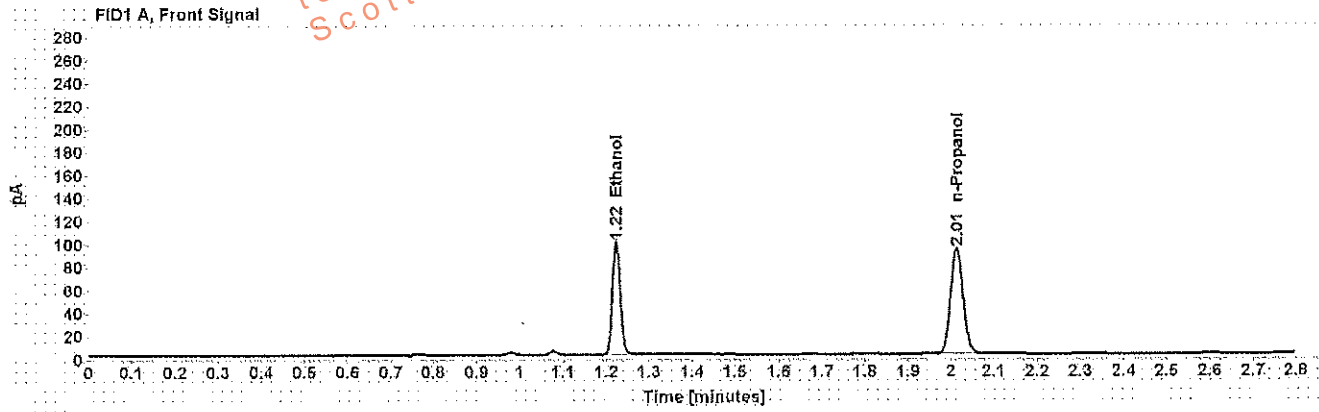


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1879	1.224	125.748
n-Propanol	-----	2.013	186.745

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.429
Ethanol	1.345	150.890
n-Propanol	2.376	219.103

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 335-01A
Injection date: 12/26/2017 2:29:06 PM	Vial: 40
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\40.D	

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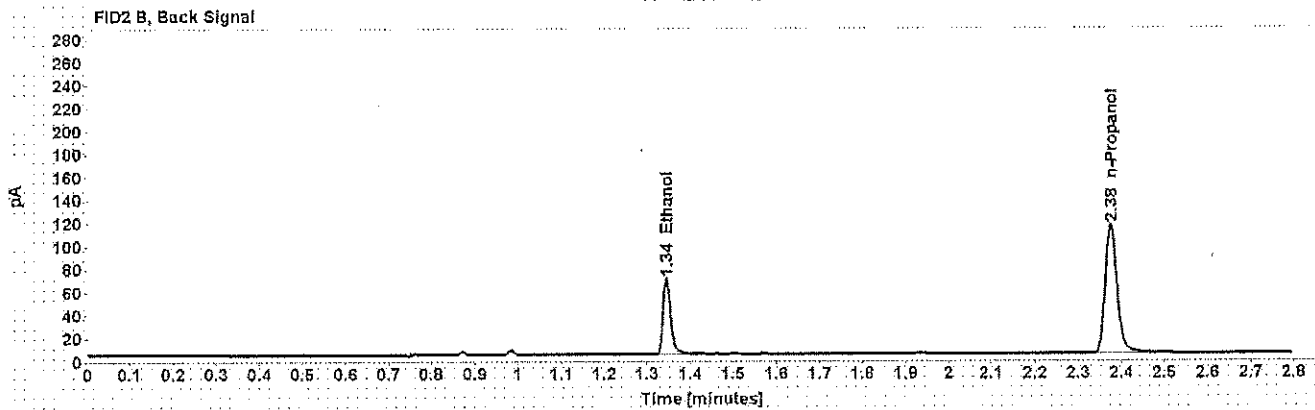
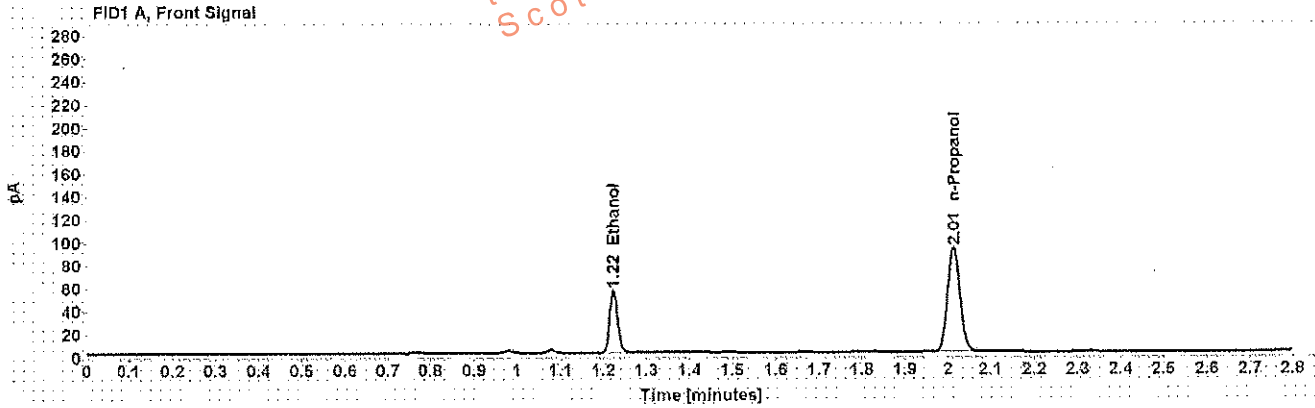


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1046	1.224	68.997
n-Propanol	-----	2.013	185.057

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

Compound	Time (min)	Peak Area
Ethanol	1.345	81.081
n-Propanol	2.376	216.633

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 335-01A
Injection date: 12/26/2017 2:33:05 PM	Vial: 41
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\26Dec17\41.D	

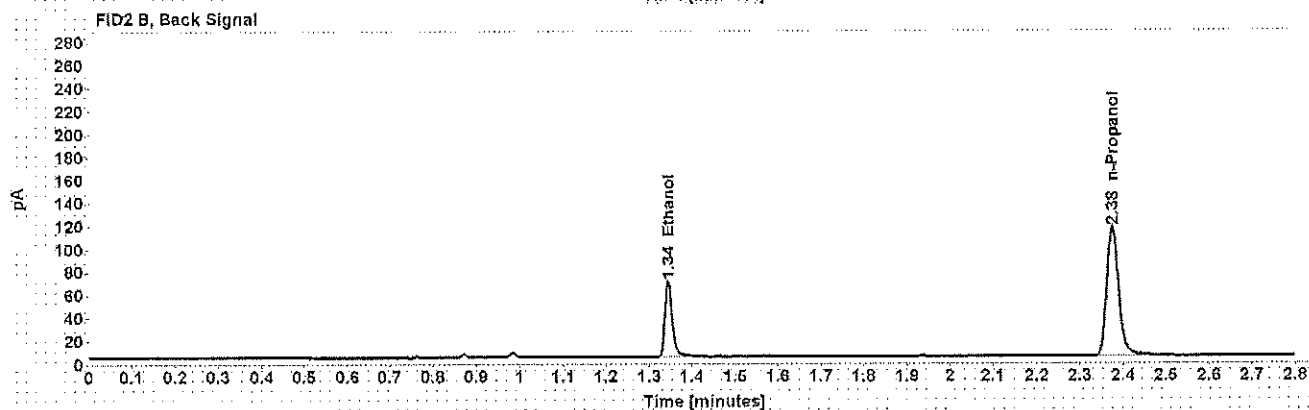
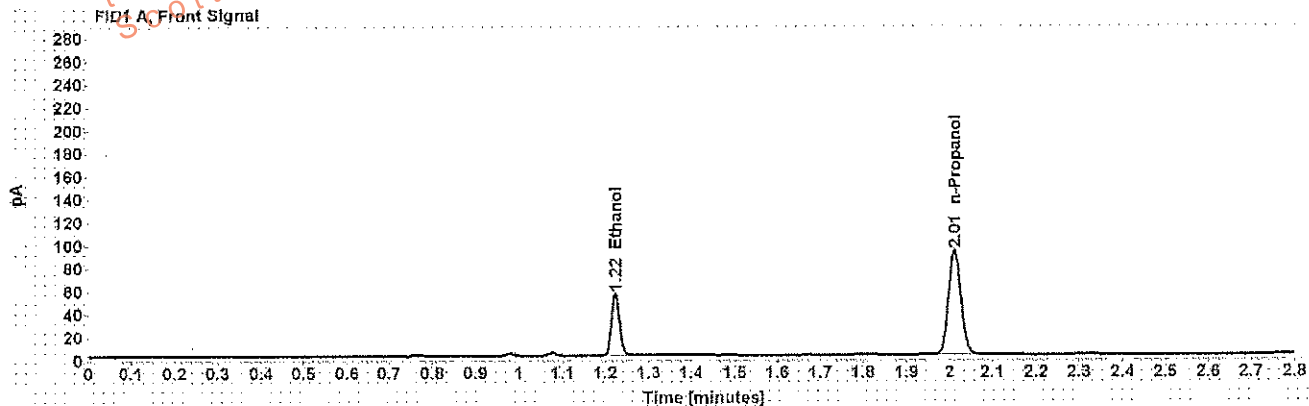


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1045	1.223	68.885
n-Propanol	-----	2.013	185.102

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

Compound	Time (min)	Peak Area
Ethanol	1.344	80.651
n-Propanol	2.375	216.942

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 321-01A
Injection date: 12/26/2017 2:41:19 PM	Vial: 43
Method: ethanol quant.M	Sequence: 28Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\43.D	

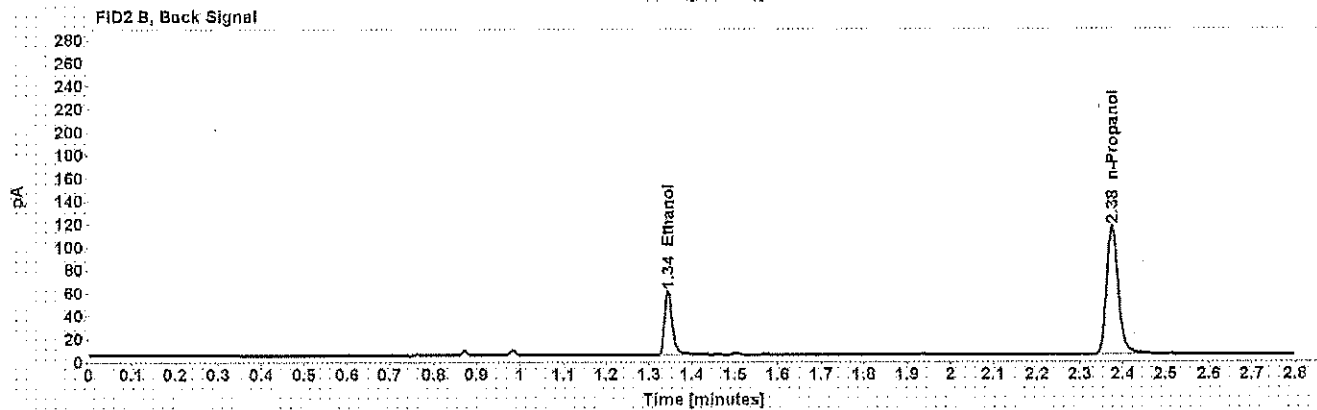
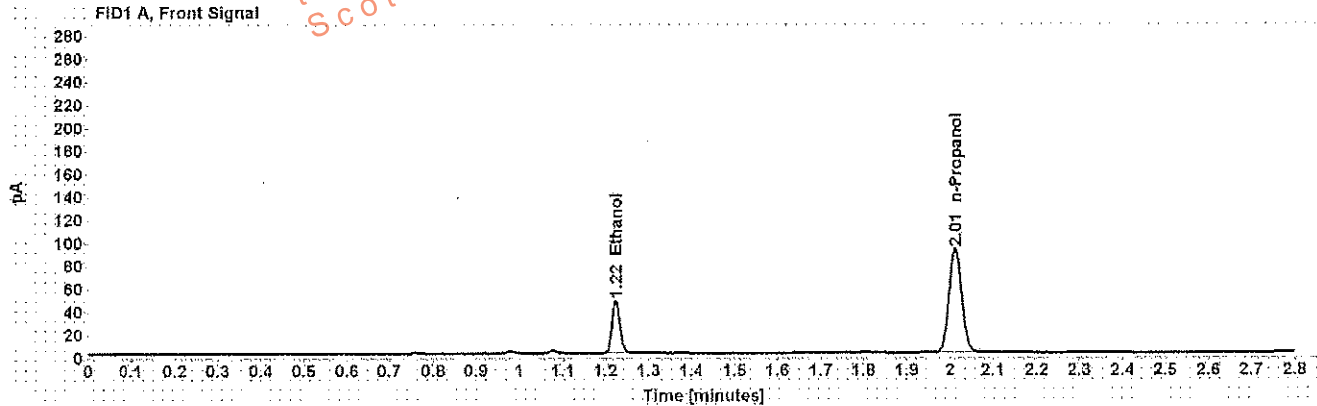


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0898	1.223	58.975
n-Propanol	-----	2.013	184.642

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

Compound	Time (min)	Peak Area
Ethanol	1.344	69.181
n-Propanol	2.375	216.256

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 321-01A
Injection date: 12/26/2017 2:45:19 PM	Vial: 44
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\144.D	

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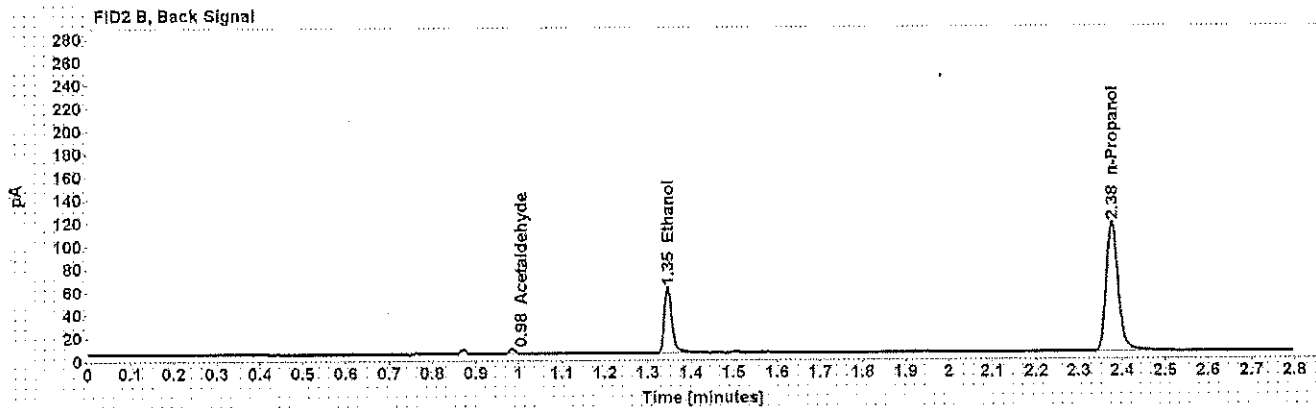
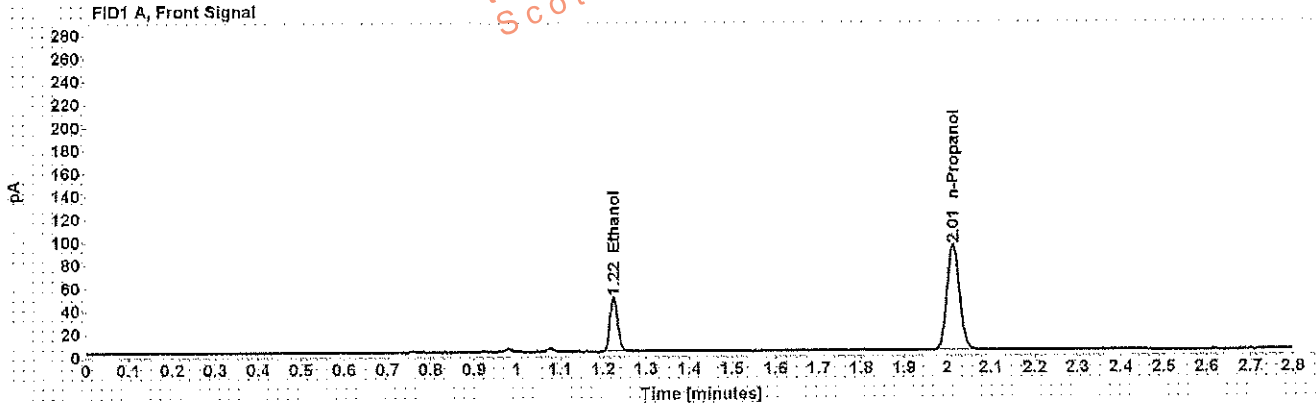


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0912	1.224	60.245
n-Propanol	-----	2.014	185.758

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.767
Ethanol	1.346	70.560
n-Propanol	2.376	217.674

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	310-01A
Injection date:	12/26/2017 2:49:20 PM	Vial:	45
Method:	ethanol quant.M	Sequence:	26Dec17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\26Dec17\45.D		

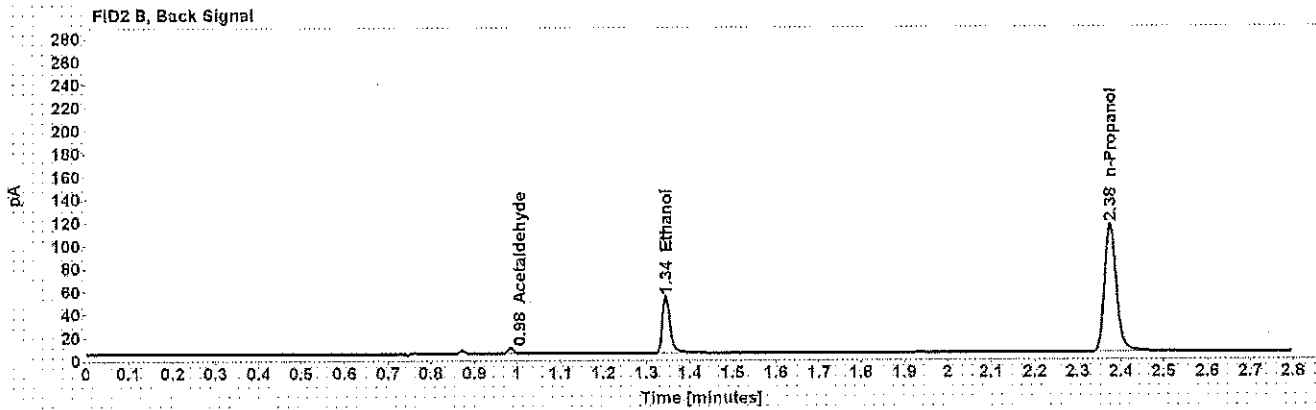
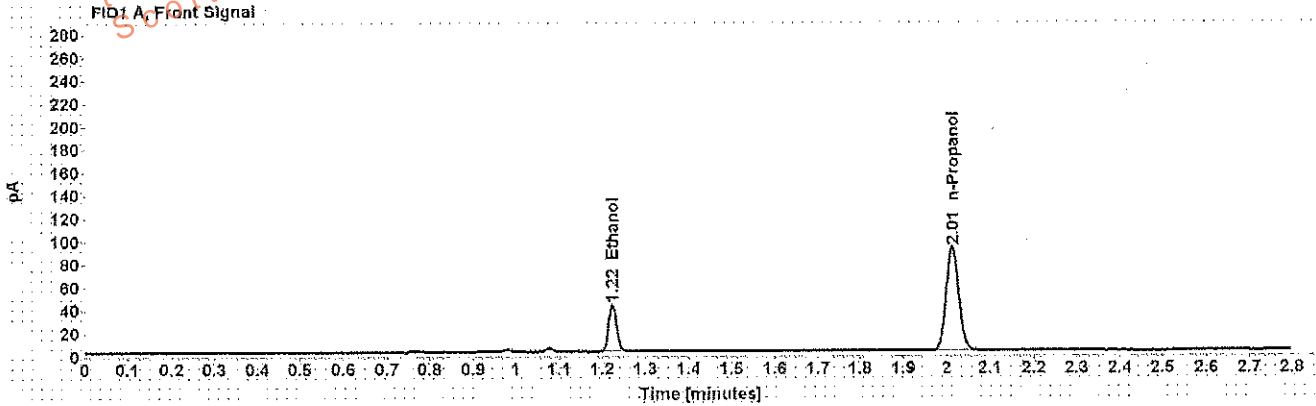


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0802	1.224	52.323
n-Propanol	-----	2.013	183.809

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.470
Ethanol	1.344	61.095
n-Propanol	2.375	214.888

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 310-01A
Injection date: 12/26/2017 2:53:19 PM	Vial: 46
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\46.D	

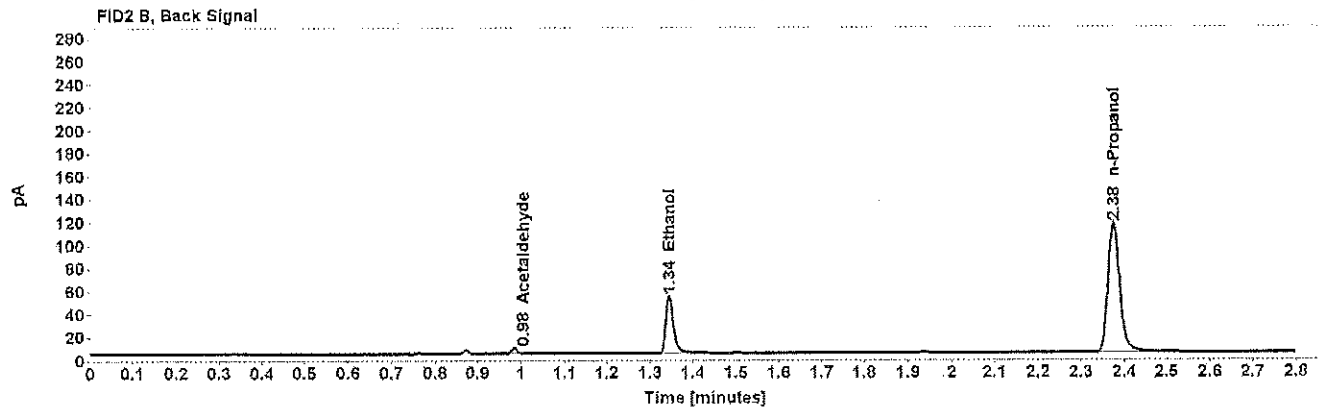
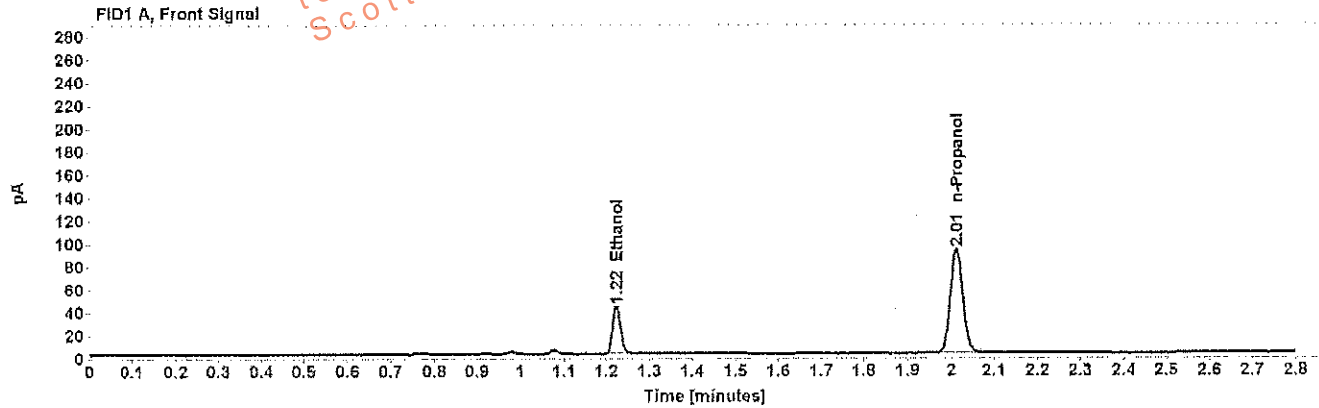


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.224	52.919
n-Propanol	-----	2.013	185.317

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.550
Ethanol	1.344	61.553
n-Propanol	2.375	217.224

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1185354
Injection date: 12/26/2017 2:57:20 PM	Vial: 47
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\47.D	

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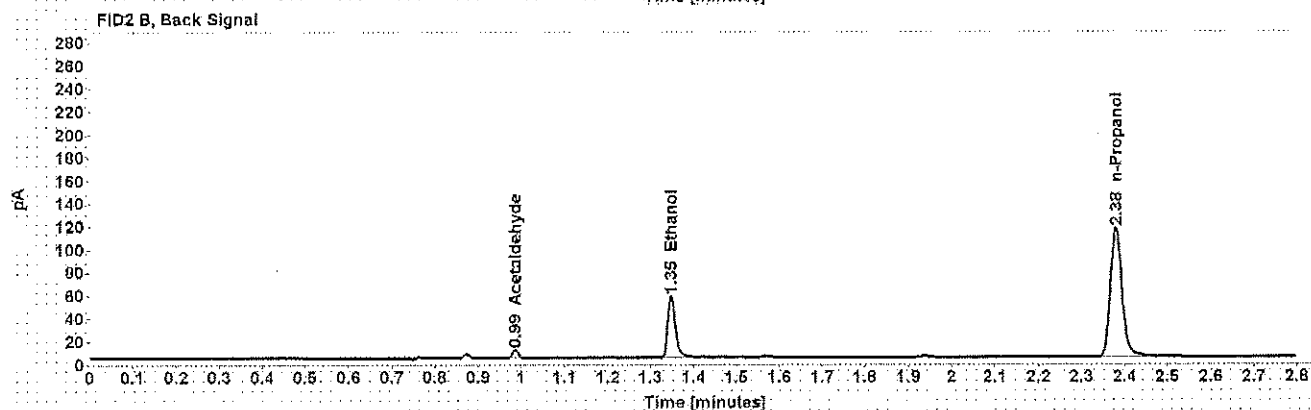
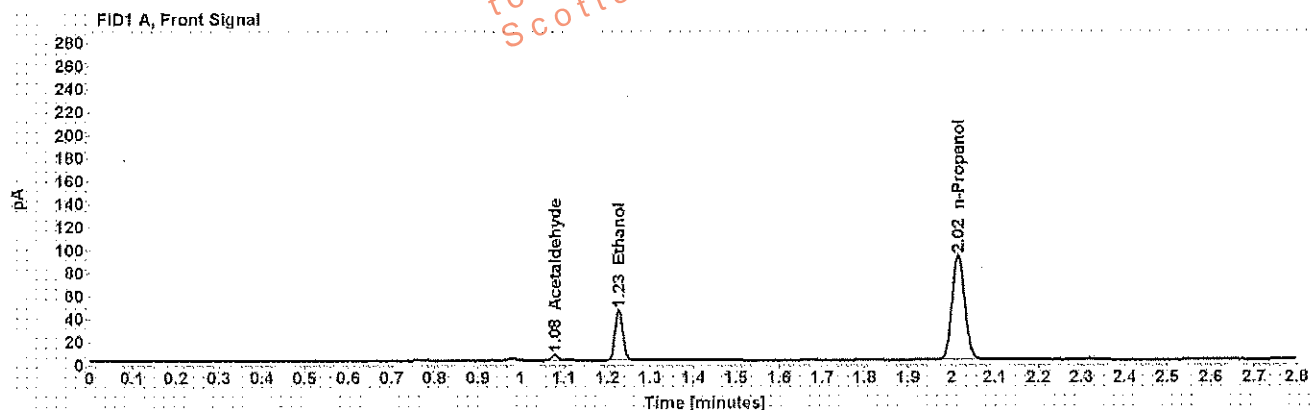


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.079	4.967
>Ethanol	0.0863	1.226	56.729
n-Propanol	-----	2.015	185.087

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6.280
Ethanol	1.349	68.142
n-Propanol	2.379	217.352

Case: [REDACTED] User: wadrian 12/27/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1185354
Injection date: 12/26/2017 3:01:20 PM Vial: 48
Method: ethanol quant.M Sequence: 26Dec17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem321\Data\26Dec17\48.D

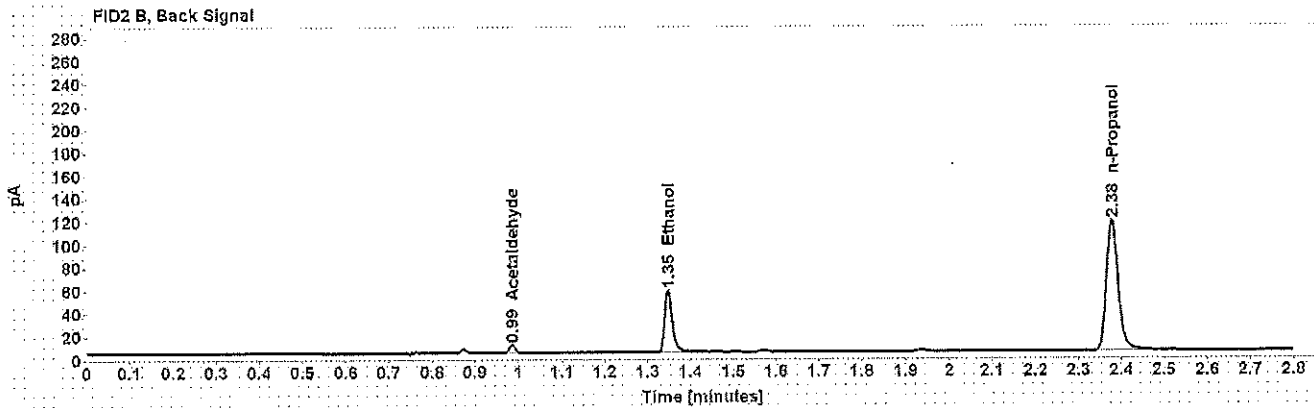
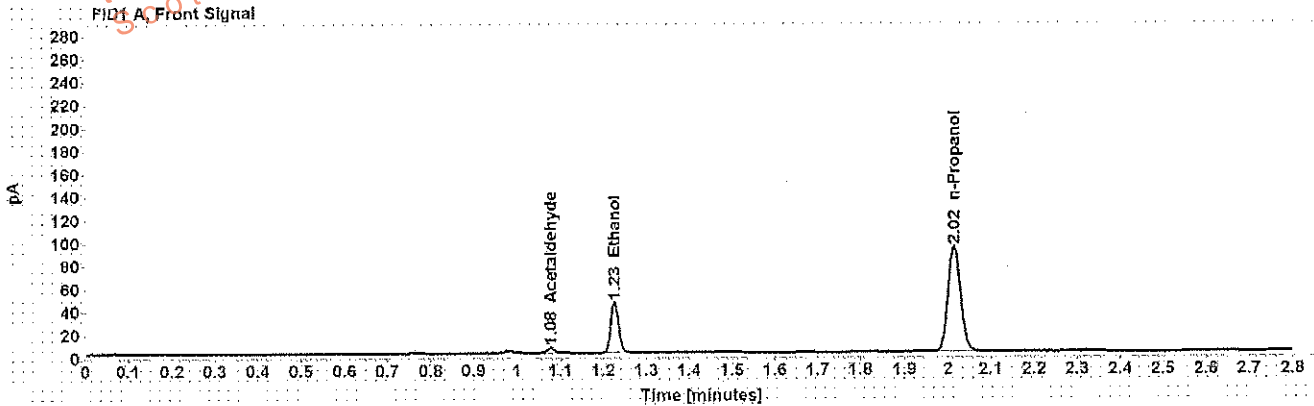


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.043
>Ethanol	0.0857	1.226	56.809
n-Propanol	-----	2.015	186.593

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.306
Ethanol	1.348	68.012
n-Propanol	2.378	219.182

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1167245
Injection date: 12/26/2017 3:05:35 PM	Vial: 49
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\49.D	

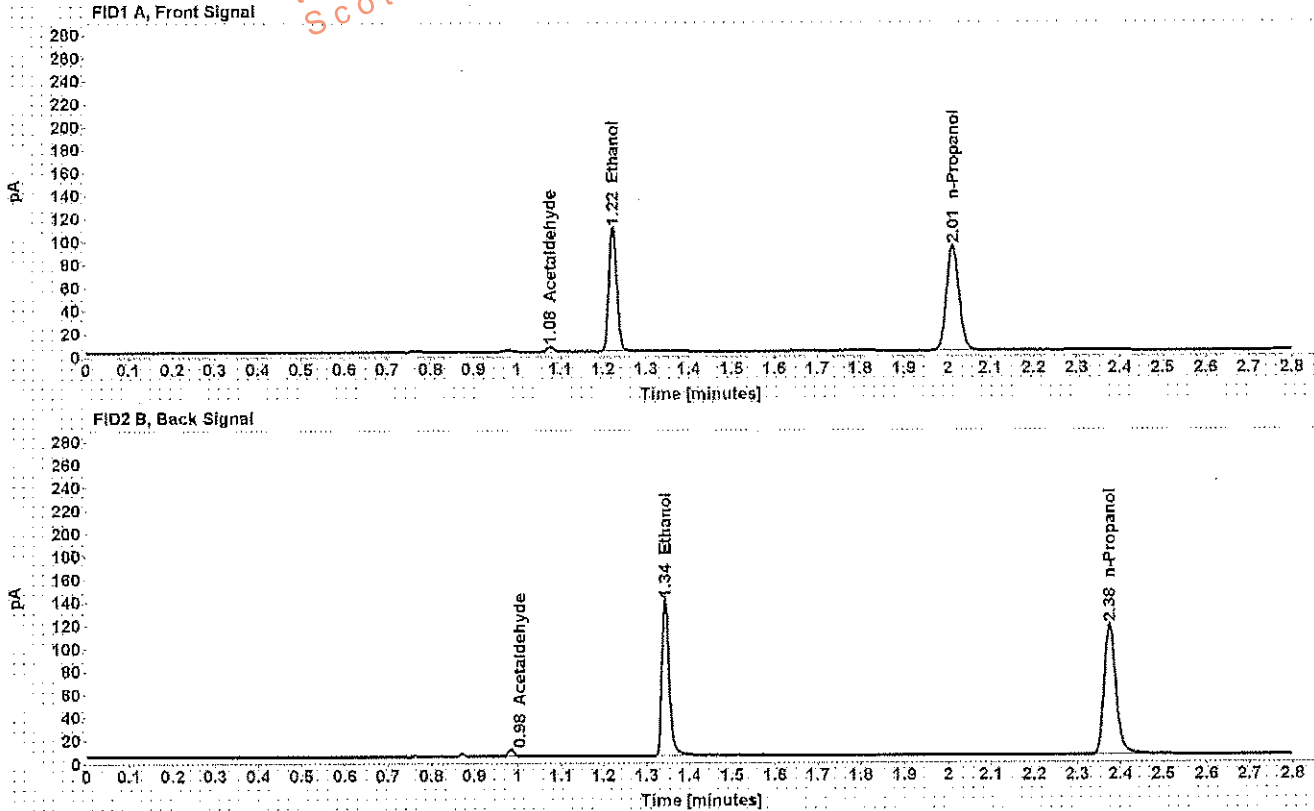


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.426
>Ethanol	0.2067	1.223	138.310
n-Propanol	-----	2.013	186.613

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.604
Ethanol	1.343	164.613
n-Propanol	2.375	218.737

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1167245
Injection date: 12/26/2017 3:09:35 PM	Vial: 50
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\50.D	

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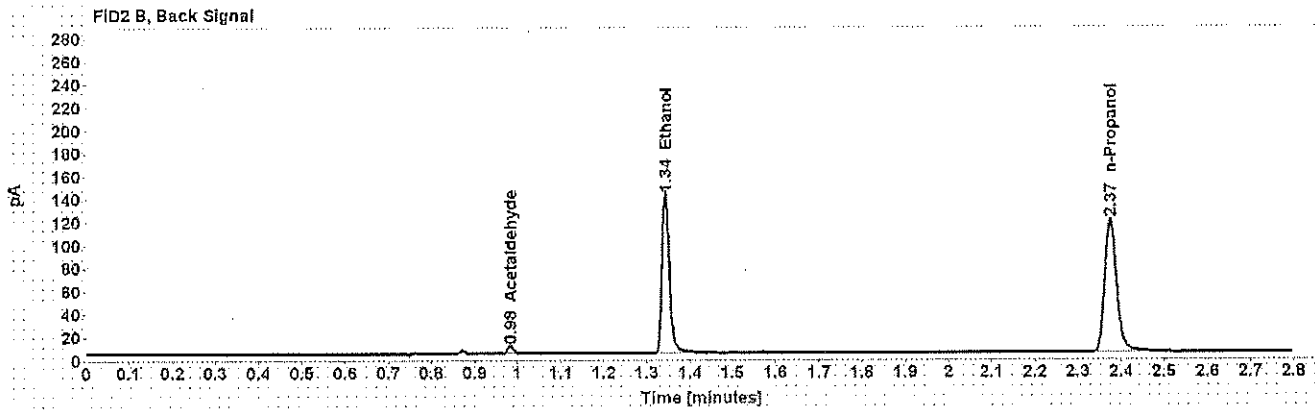
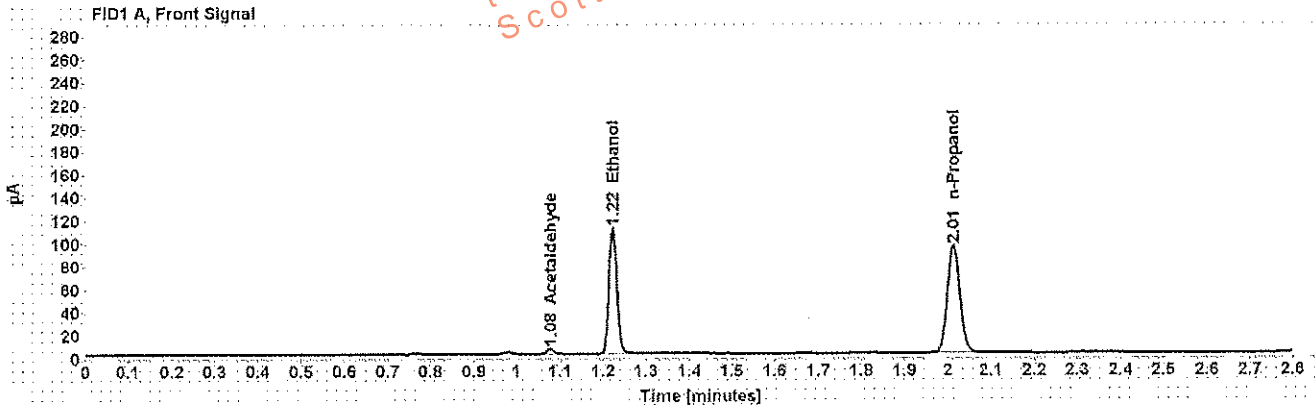


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.526
>Ethanol	0.2060	1.223	140.708
n-Propanol	-----	2.013	190.426

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.719
Ethanol	1.343	187.325
n-Propanol	2.375	223.800

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1159408
Injection date: 12/26/2017 3:13:35 PM	Vial: 51
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\51.D	

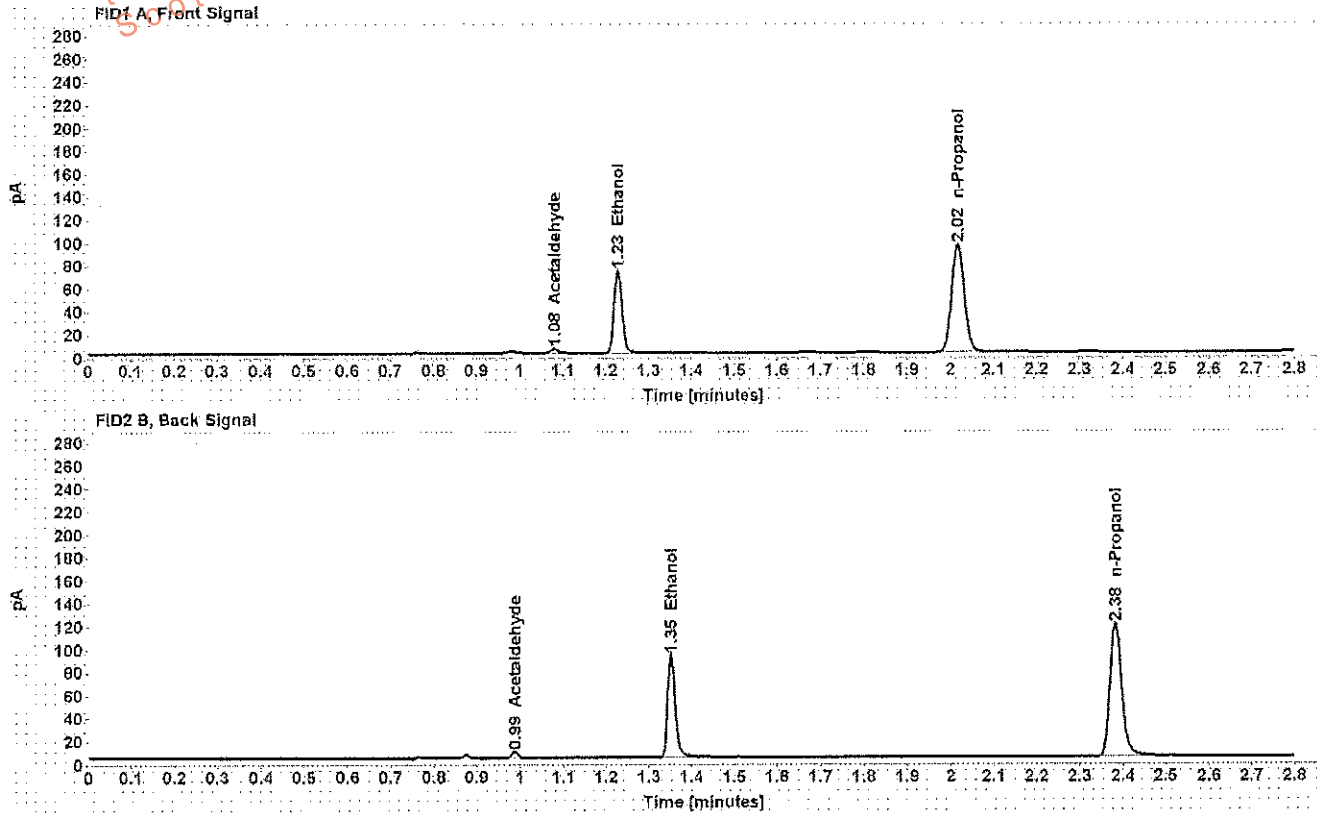


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	3.991
>Ethanol	0.1363	1.228	93.437
n-Propanol	-----	2.018	191.815

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	5.055
Ethanol	1.352	110.669
n-Propanol	2.382	224.567

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1159408
Injection date: 12/26/2017 3:17:35 PM	Vial: 52
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\52.D	

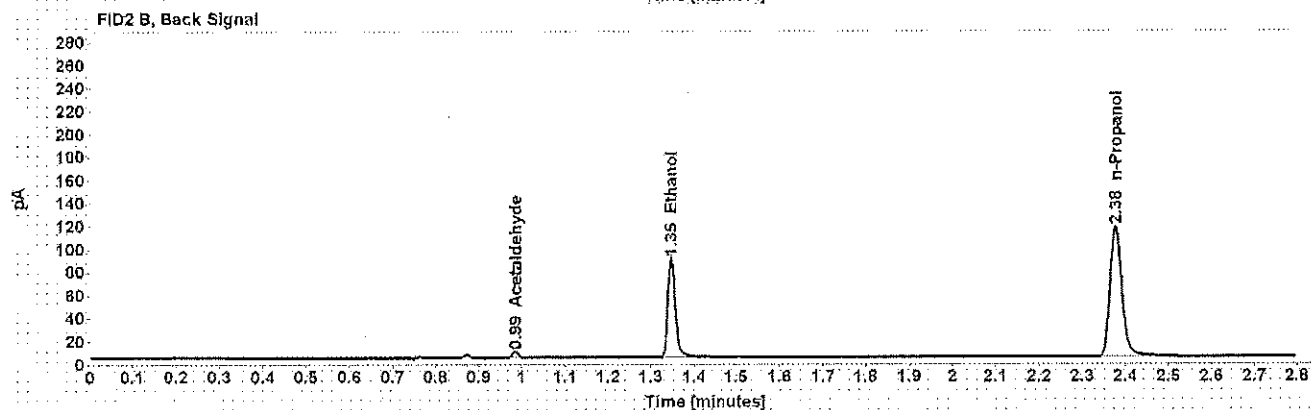
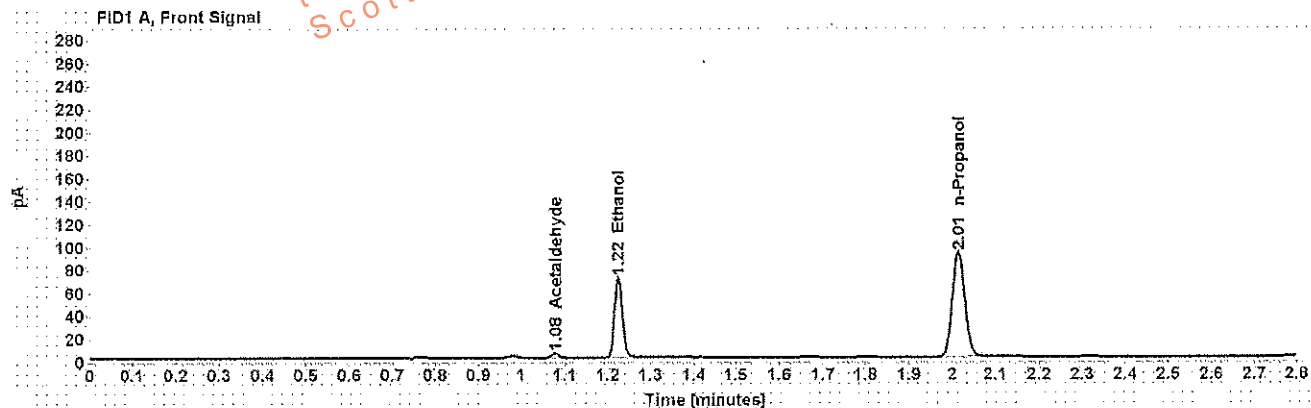


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.944
>Ethanol	0.1340	1.225	89.166
n-Propanol	-----	2.015	186.198

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.927
Ethanol	1.347	104.872
n-Propanol	2.377	217.802

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1159840
Injection date: 12/26/2017 3:25:35 PM	Vial: 54
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\54.D	

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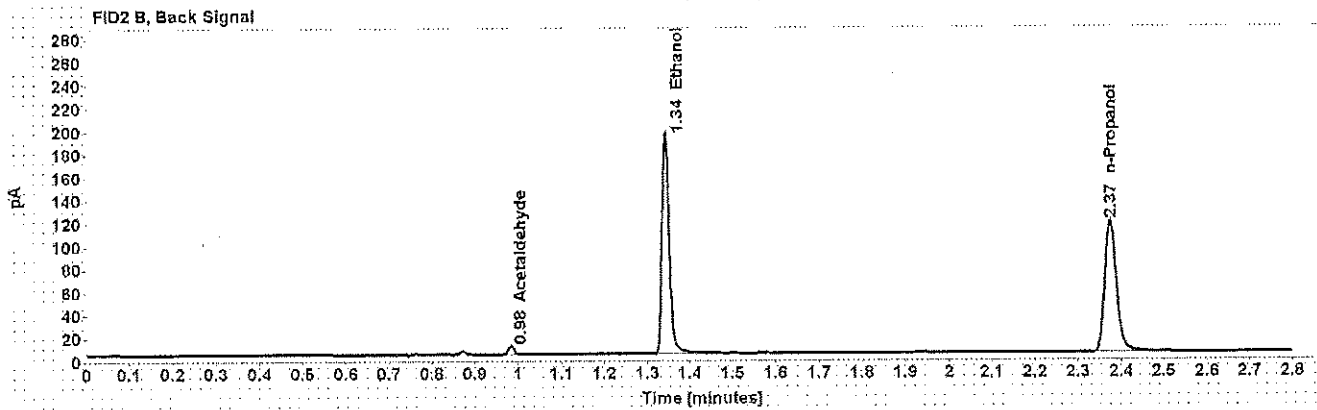
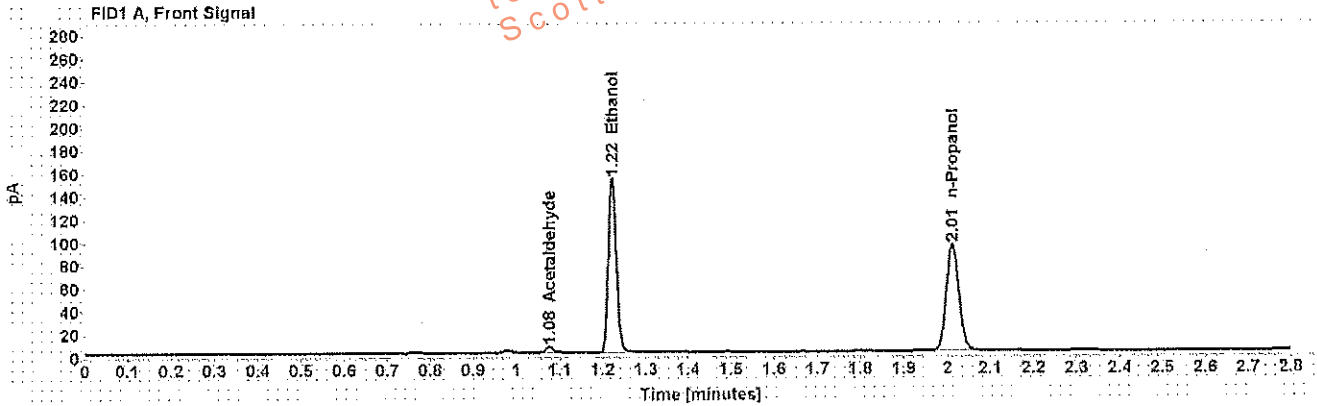


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.308
>Ethanol	0.2867	1.222	194.177
n-Propanol	-----	2.013	188.527

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.680
Ethanol	1.343	233.682
n-Propanol	2.375	221.545

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1159840
Injection date: 12/26/2017 3:29:50 PM	Vial: 55
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\55.D	

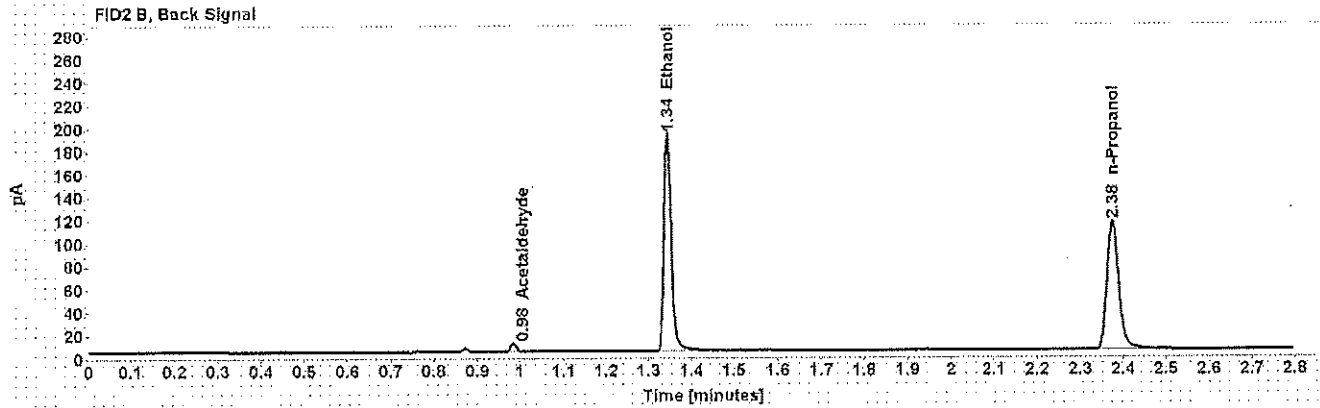
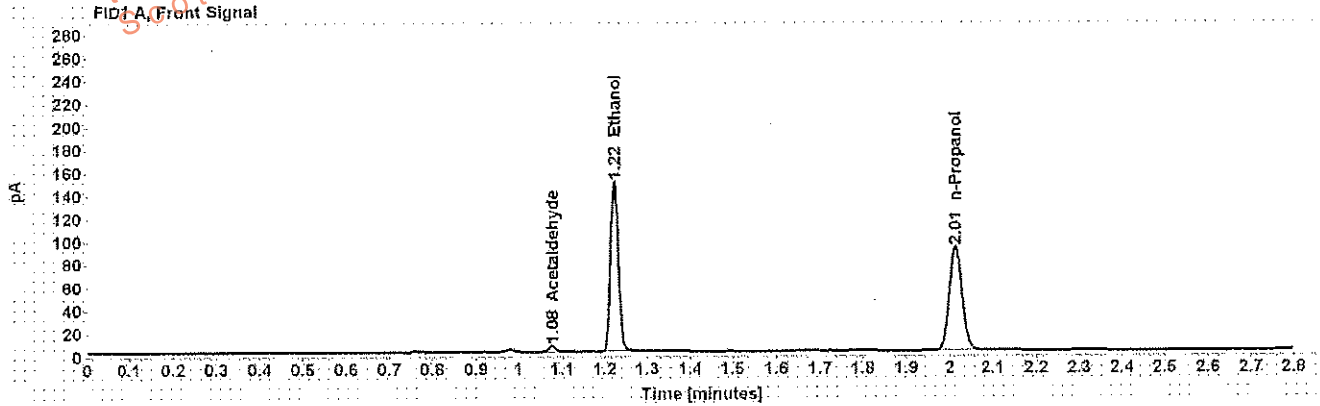


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.216
>Ethanol	0.2877	1.223	189.646
n-Propanol	-----	2.013	183.490

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.602
Ethanol	1.343	228.145
n-Propanol	2.375	215.807

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1188216
Injection date: 12/26/2017 3:33:50 PM	Vial: 56
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\56.D	

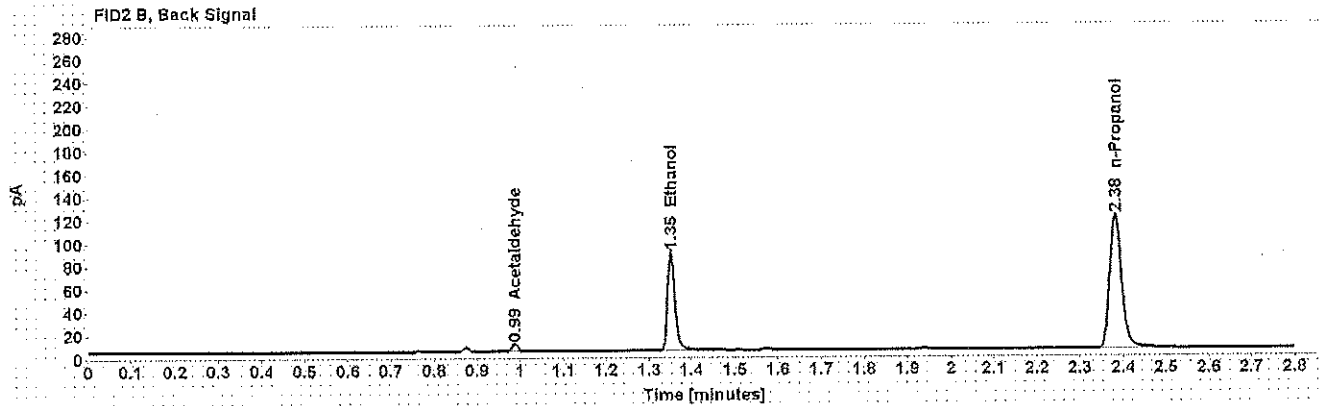
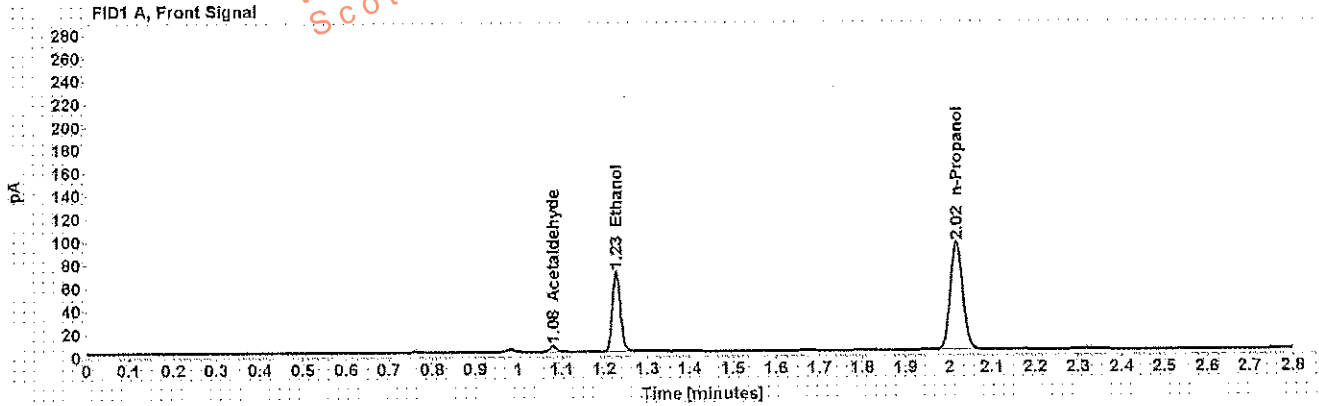


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	4.935
>Ethanol	0.1312	1.228	89.396
n-Propanol	-----	2.018	190.720

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	6.216
Ethanol	1.352	107.251
n-Propanol	2.382	224.930

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1188216
Injection date: 12/26/2017 3:37:50 PM	Vial: 57
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\57.D	

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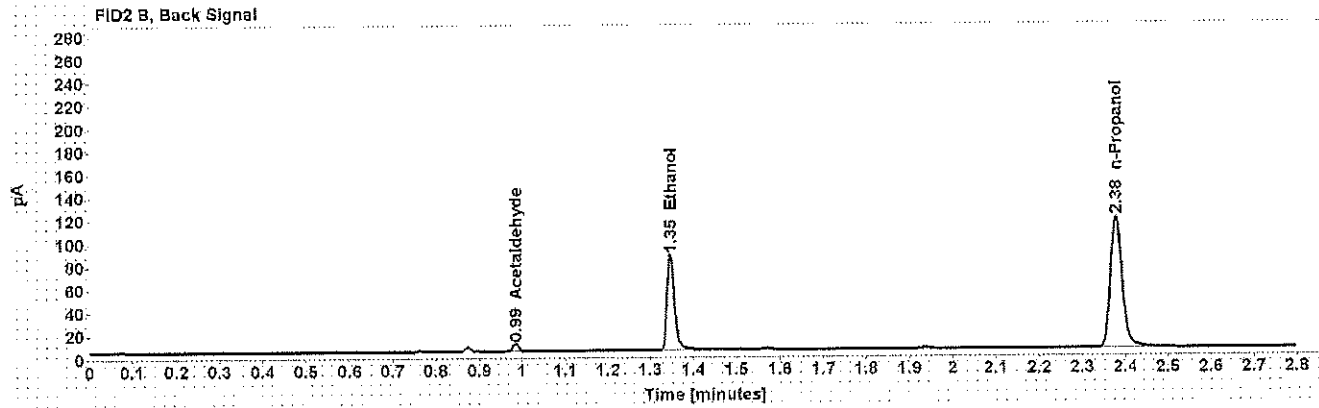
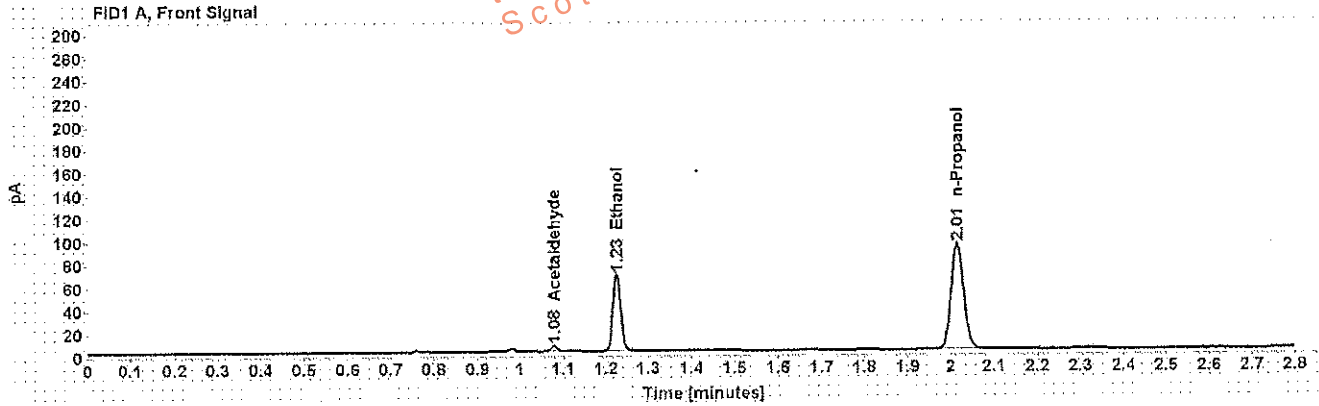


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.920
>Ethanol	0.1285	1.225	86.460
n-Propanol	-----	2.015	188.441

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.127
Ethanol	1.347	101.737
n-Propanol	2.378	220.685

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1188235
Injection date: 12/26/2017 3:41:50 PM	Vial: 58
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\58.D	

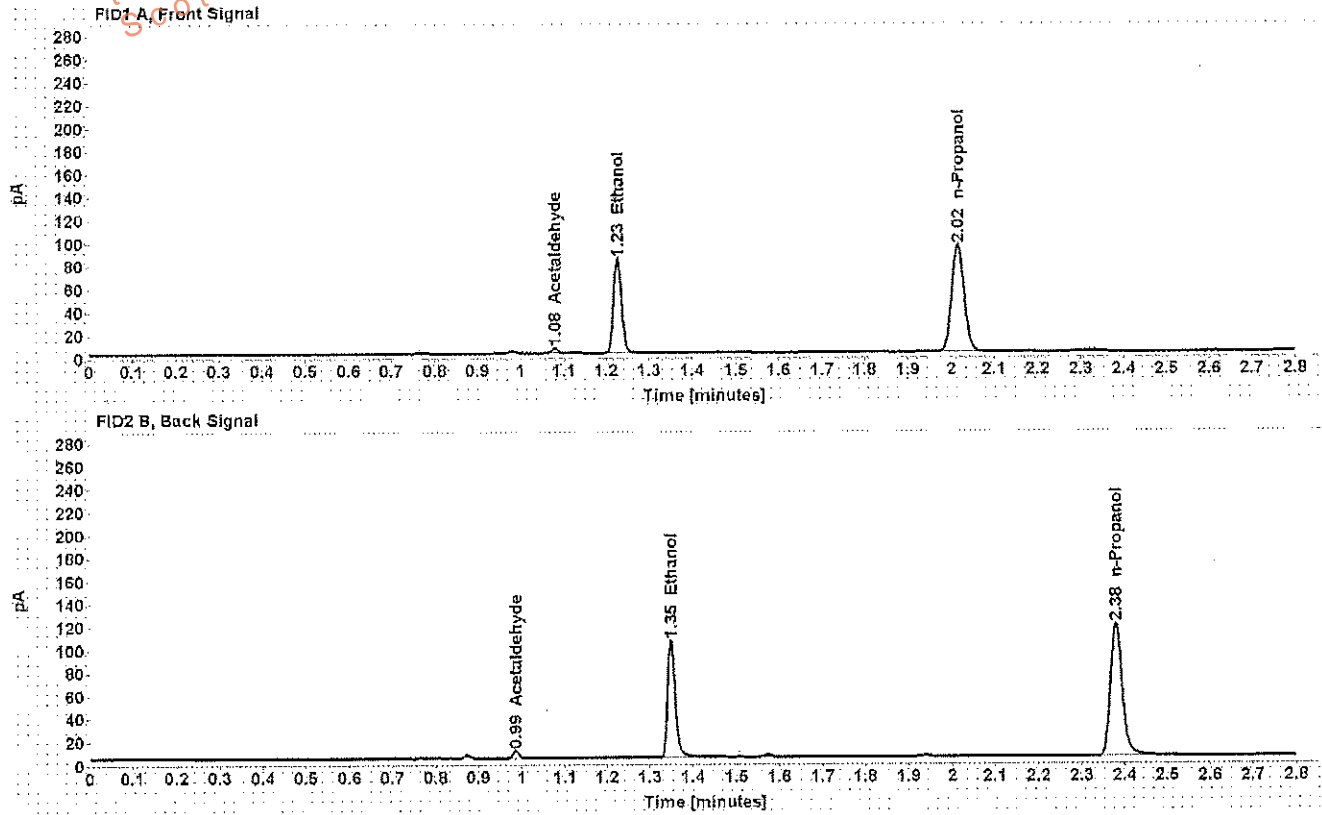


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.079	4.624
>Ethanol	0.1561	1.226	105.782
n-Propanol	-----	2.016	189.313

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.765
Ethanol	1.349	126.922
n-Propanol	2.380	223.033

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1188235
Injection date: 12/26/2017 3:45:49 PM	Vial: 59
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1Data\26Dec17\59.D	

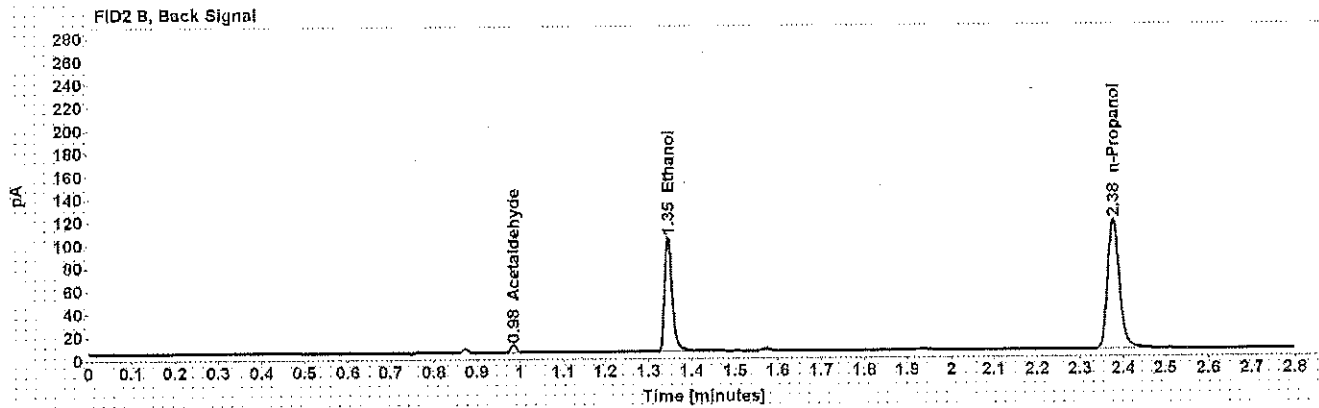
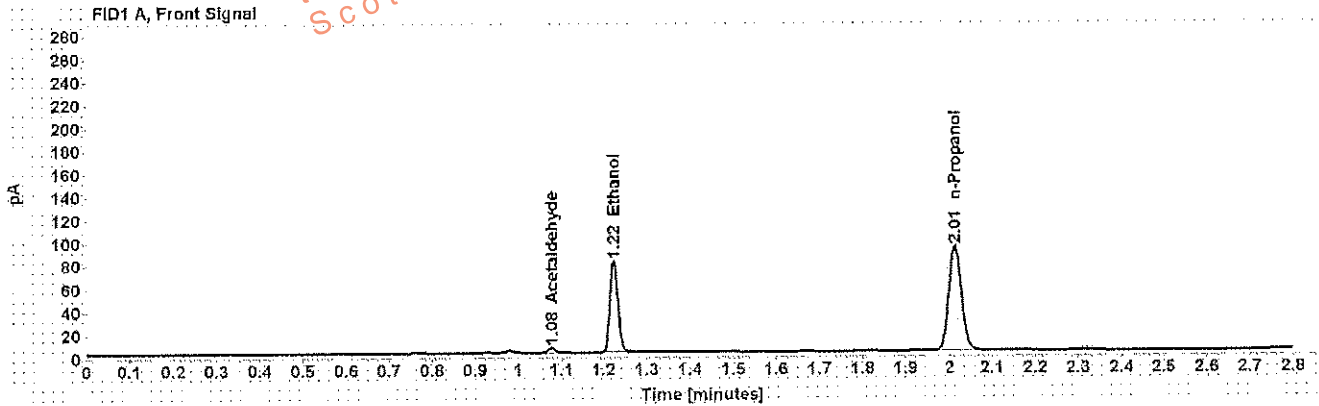


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.585
>Ethanol	0.1545	1.224	102.597
n-Propanol	-----	2.014	185.569

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.729
Ethanol	1.345	123.412
n-Propanol	2.376	218.549

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1188858
Injection date: 12/26/2017 3:49:49 PM	Vial: 60
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\60.D	

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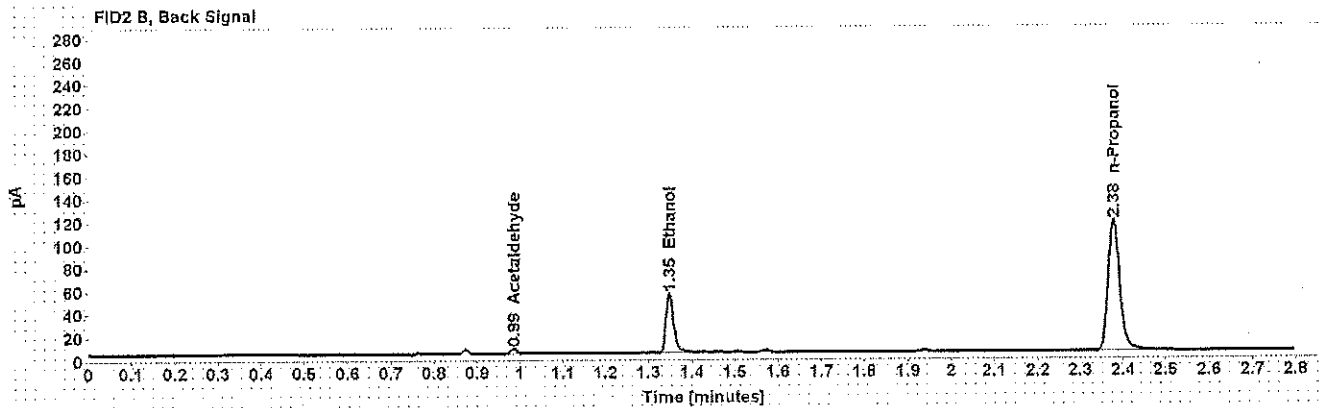
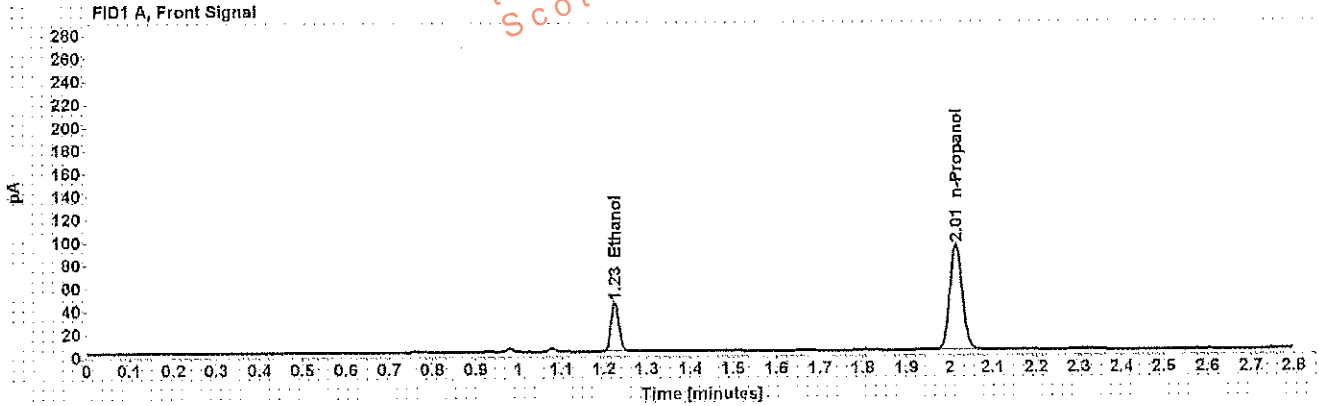


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0815	1.226	54.349
n-Propanol	-----	2.015	187.917

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	3.900
Ethanol	1.348	63.763
n-Propanol	2.378	219.810

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1188858
Injection date: 12/26/2017 3:54:04 PM	Vial: 61
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\61.D	

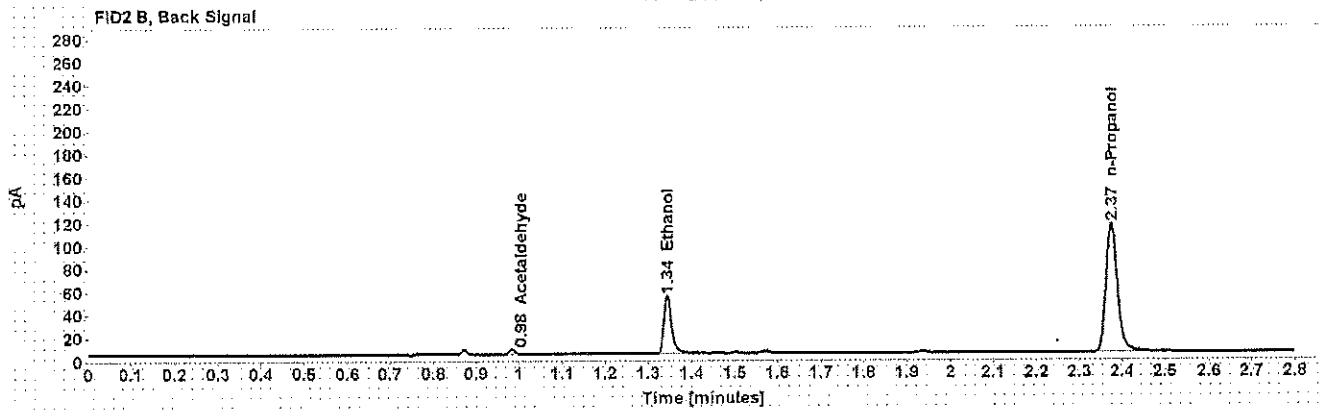
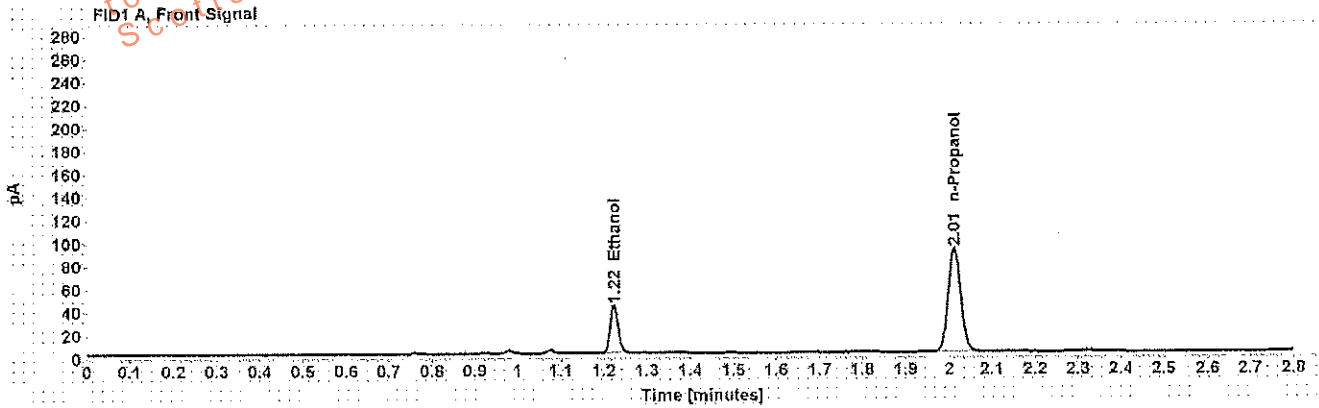


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.223	53.242
n-Propanol	-----	2.013	185.052

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.936
Ethanol	1.344	64.055
n-Propanol	2.375	216.598

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1188130
Injection date: 12/26/2017 3:58:04 PM	Vial: 62
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023-CN14160045	Analyst: Adrian
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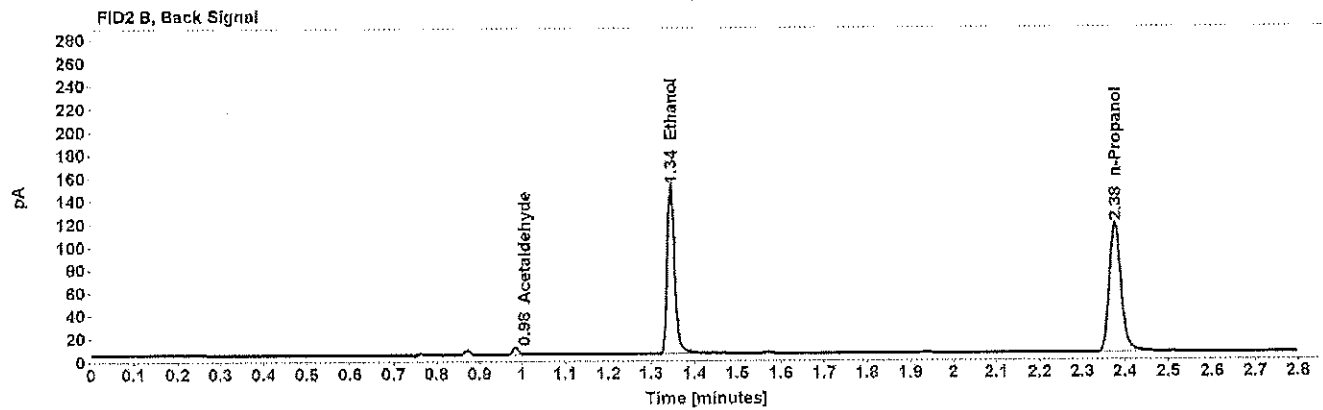
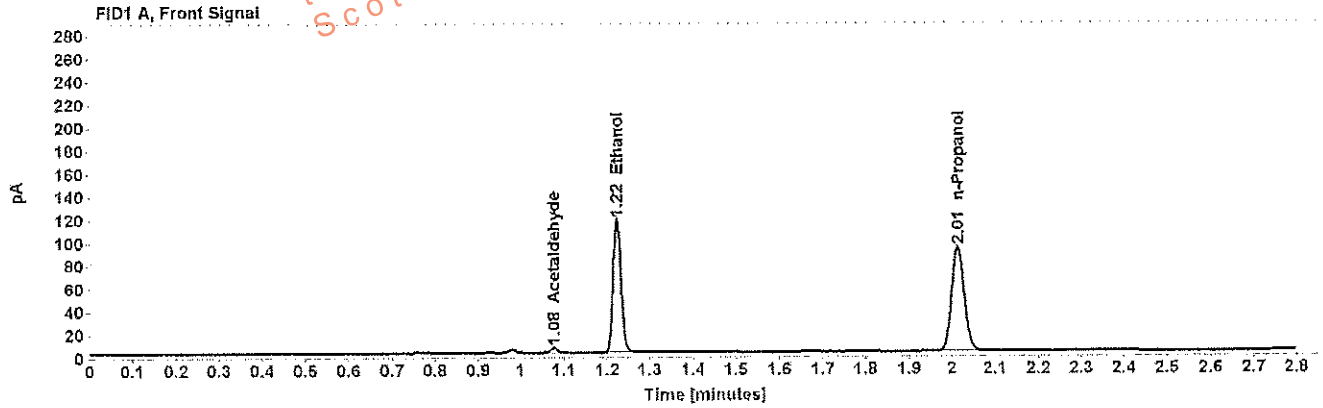


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.490
>Ethanol	0.2245	1.224	149.068
n-Propanol	-----	2.014	185.033

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.639
Ethanol	1.345	179.450
n-Propanol	2.376	218.099

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1188130
Injection date: 12/26/2017 4:02:05 PM	Vial: 63
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\63.D	

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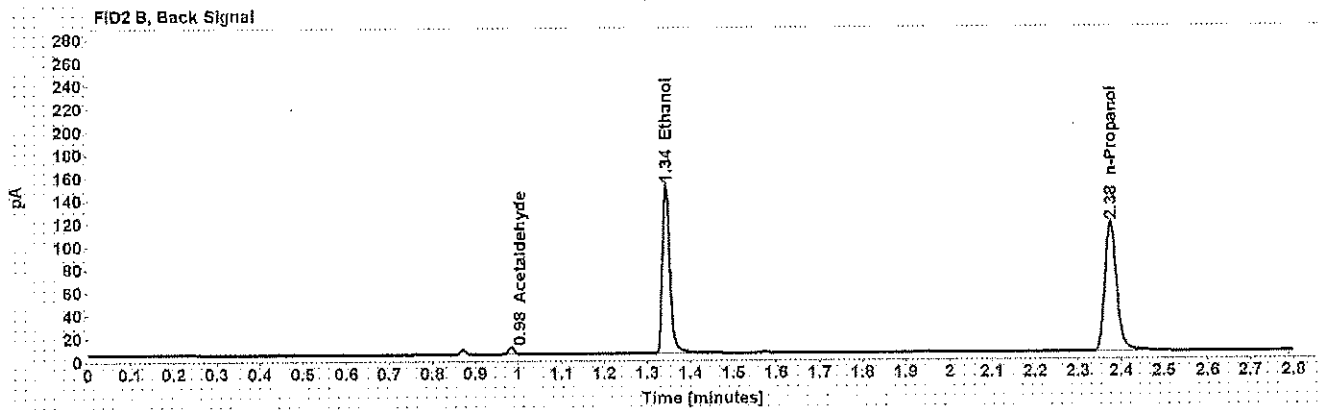
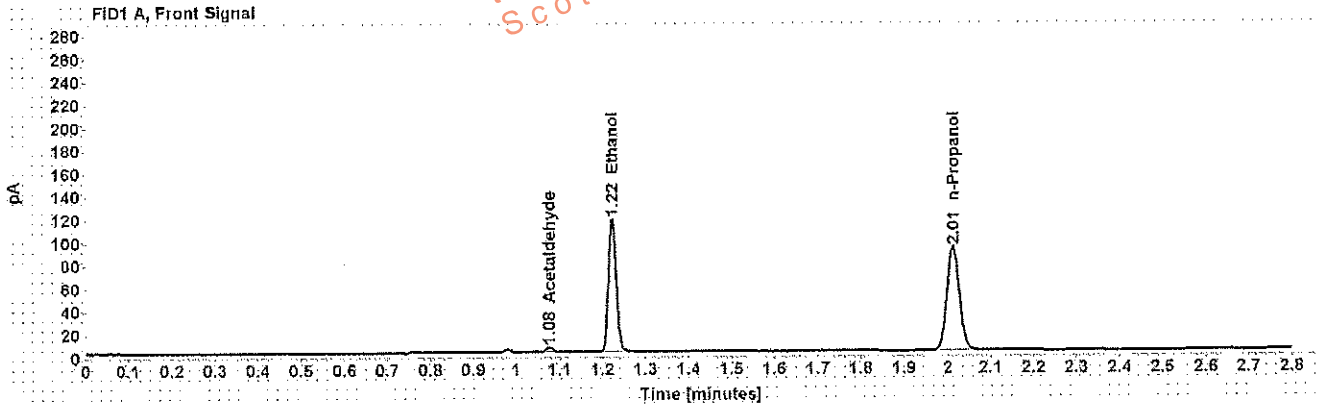


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.517
>Ethanol	0.2248	1.223	148.559
n-Propanol	-----	2.013	184.182

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.698
Ethanol	1.343	178.461
n-Propanol	2.375	217.017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1188211
Injection date: 12/26/2017 4:10:05 PM	Vial: 65
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\26Dec17\65.D	

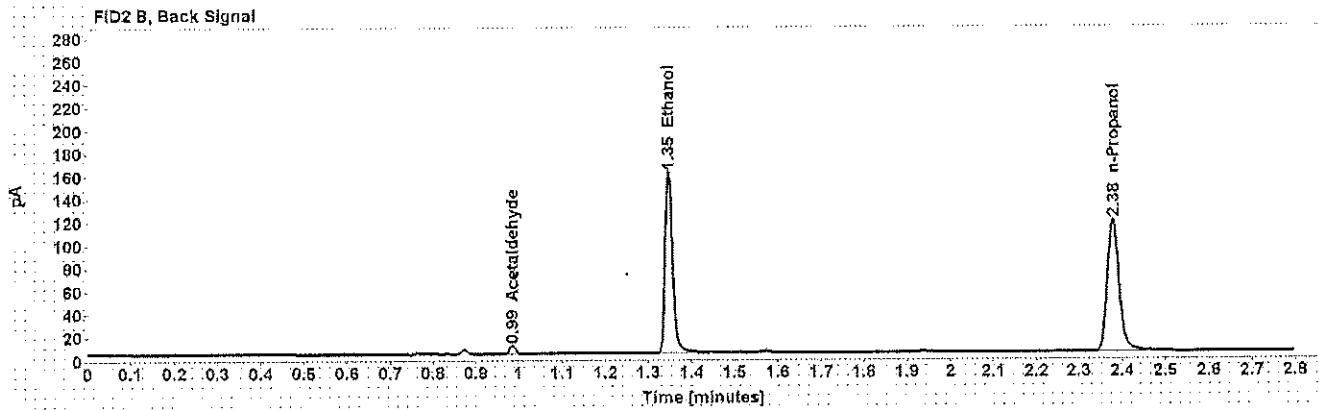
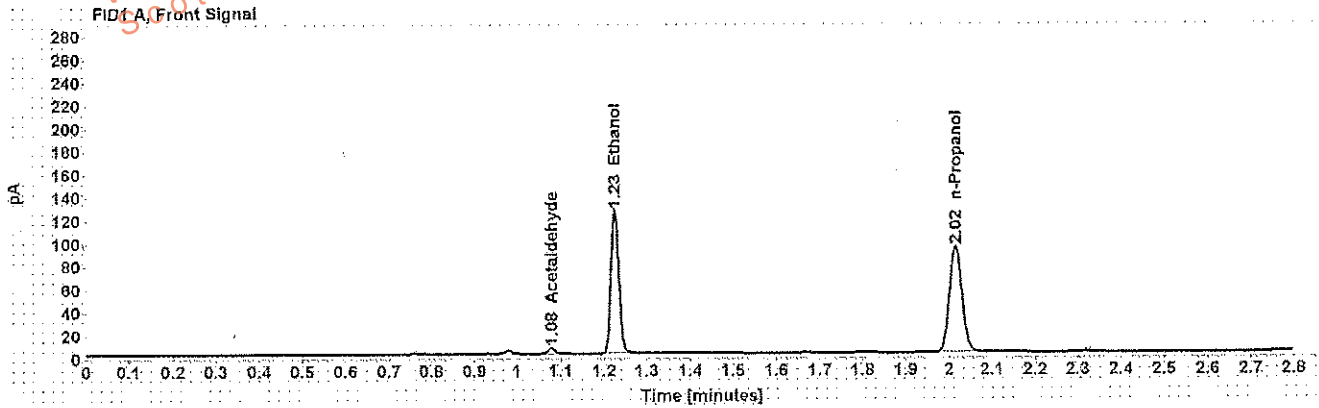


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.040
>Ethanol	0.2381	1.225	160.353
n-Propanol	-----	2.015	187.587

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6.281
Ethanol	1.347	193.137
n-Propanol	2.378	221.331

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1188211
 Injection date: 12/26/2017 4:14:04 PM Vial: 66
 Method: ethanol quant.M Sequence: 26Dec17
 Instrument: US14173023 CN14160045 Analyst: Adrian
 Data file: C:\Chem3211\Data\26Dec17\66.D

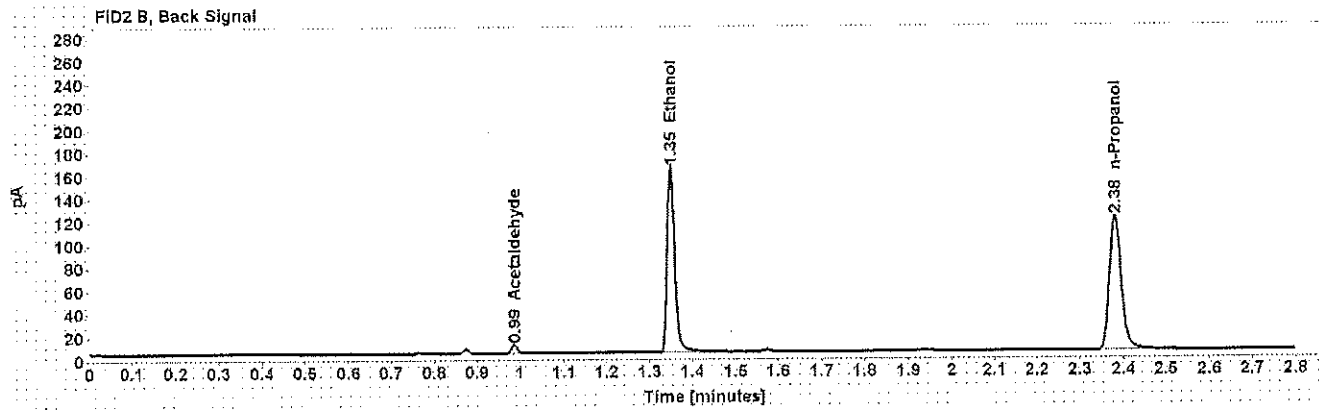
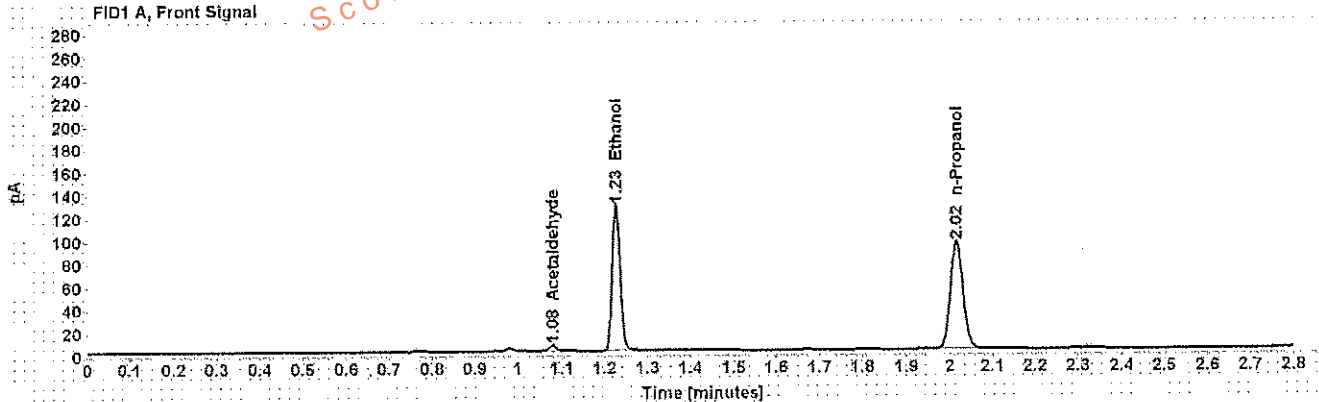


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	5.177
>Ethanol	0.2403	1.227	164.358
n-Propanol	-----	2.017	190.554

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	6.512
Ethanol	1.350	197.816
n-Propanol	2.381	224.976

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1186577
Injection date:	12/26/2017 4:18:20 PM	Vial:	67
Method:	ethanol quant.M	Sequence:	26Dec17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\26Dec17\67.D		

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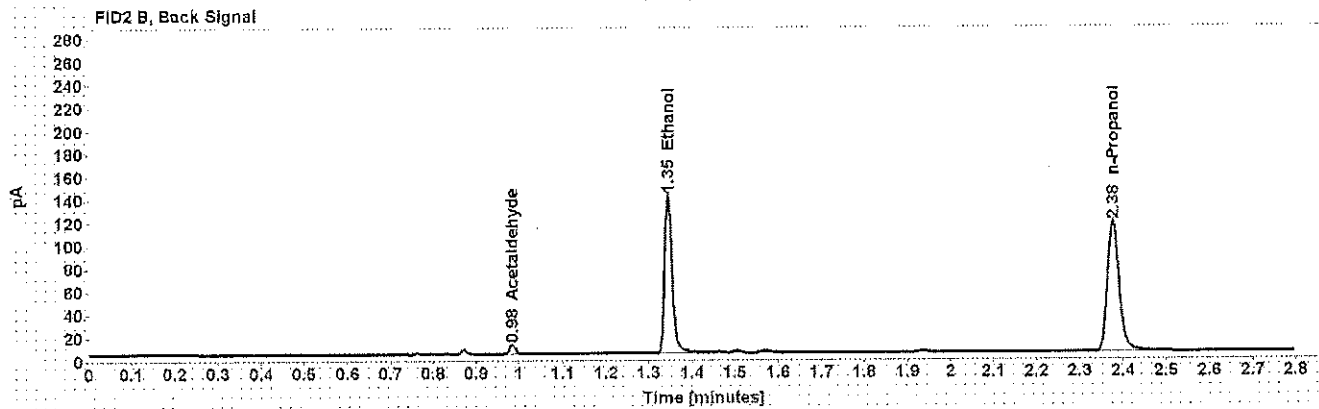
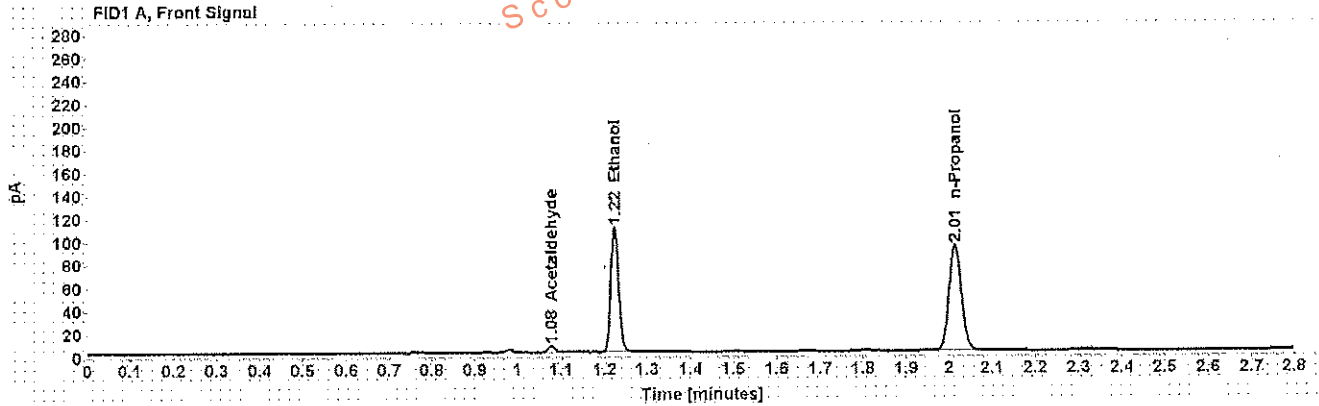


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.874
>Ethanol	0.2092	1.224	139.426
n-Propanol	-----	2.014	185.822

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.386
Ethanol	1.345	167.585
n-Propanol	2.376	219.432

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1186577
Injection date: 12/26/2017 4:22:20 PM	Vial: 68
Method: ethanol quant M	Sequence: 26Dec17
Instrument: US14173023 CN14160046	Analyst: Adrian
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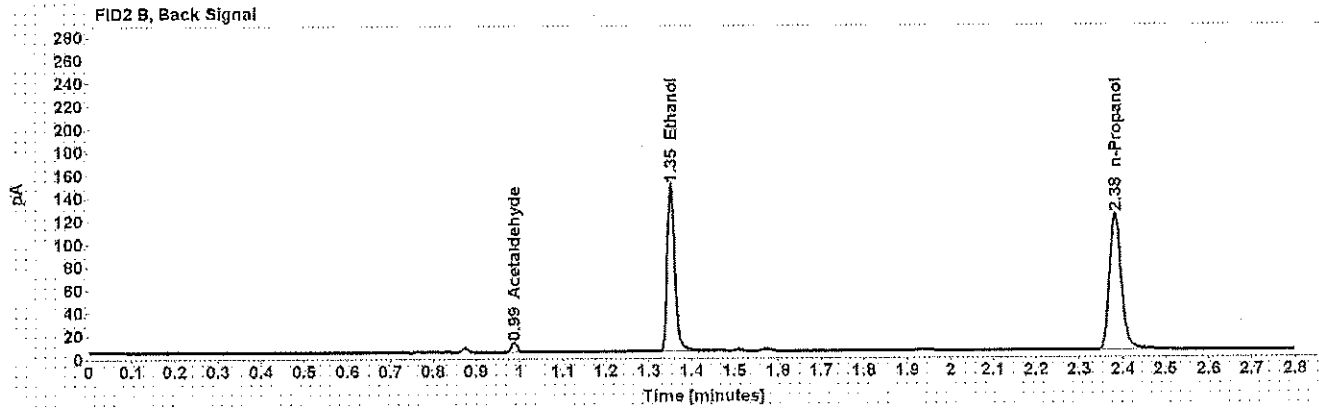
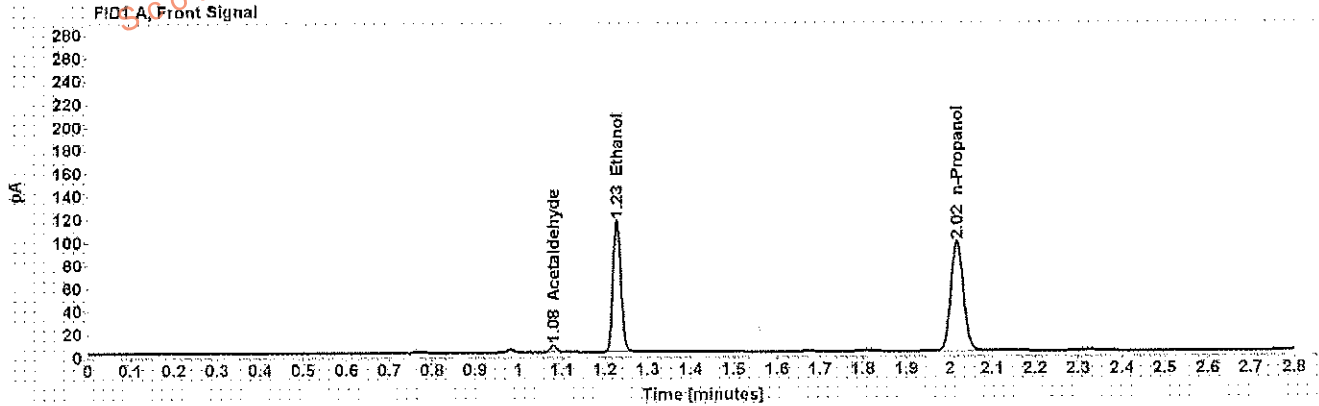


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	6.015
>Ethanol	0.2116	1.228	148.825
n-Propanol	-----	2.018	196.080

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	7.596
Ethanol	1.351	179.116
n-Propanol	2.382	229.861

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1186470
Injection date: 12/26/2017 4:26:20 PM	Vial: 69
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\69.D	

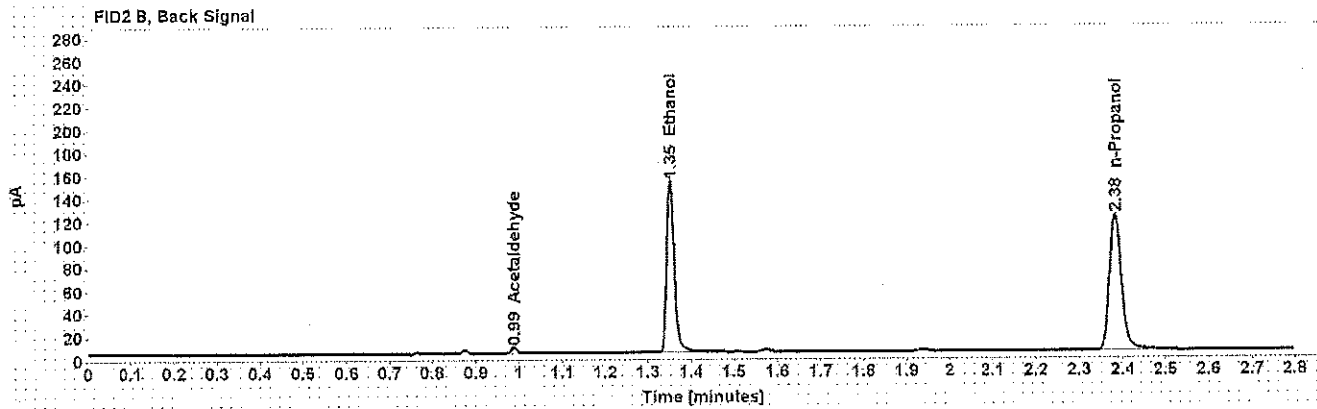
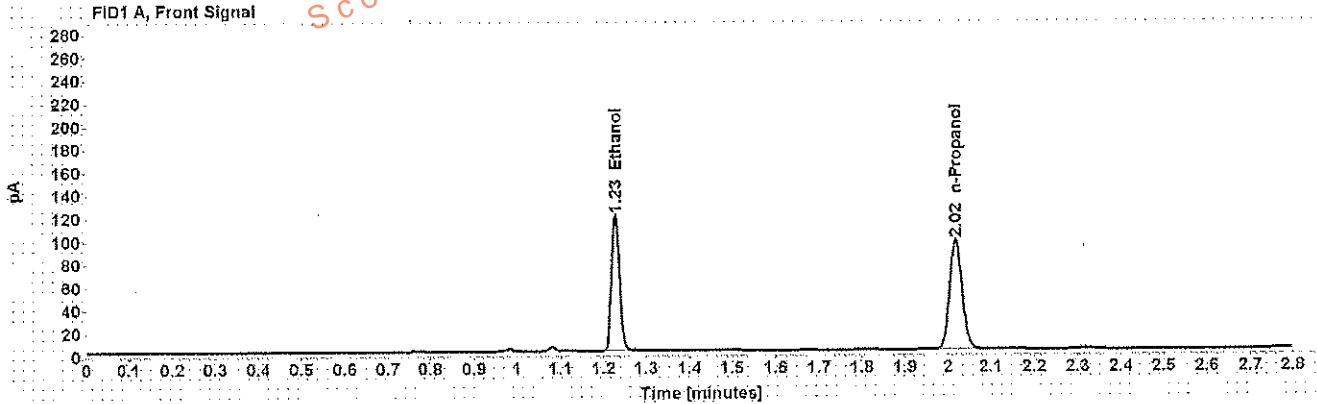


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2211	1.228	153.733
n-Propanol	-----	2.018	193.788

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	4.614
Ethanol	1.352	185.065
n-Propanol	2.383	229.075

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1186470
Injection date:	12/26/2017 4:30:19 PM	Vial:	70
Method:	ethanol quant.M	Sequence:	26Dec17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\26Dec17\170.D		

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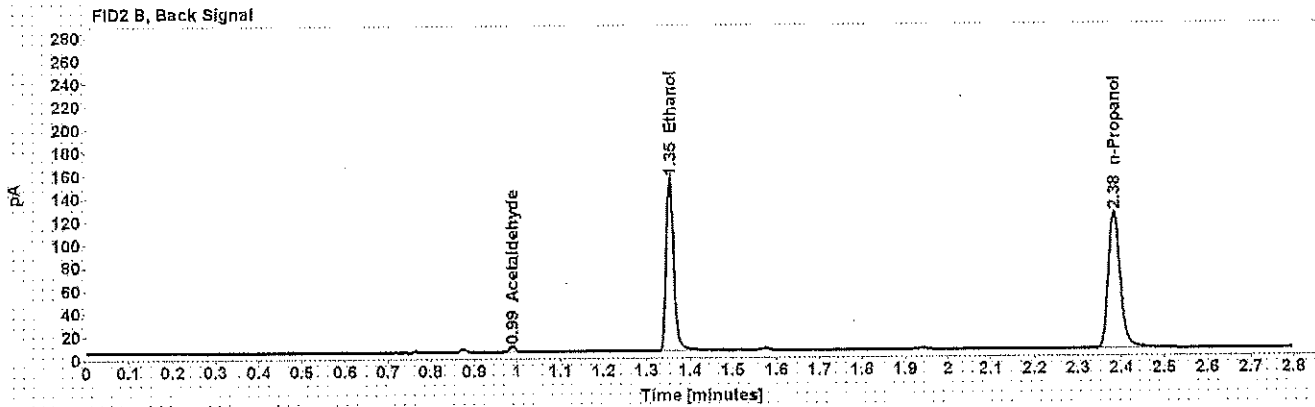
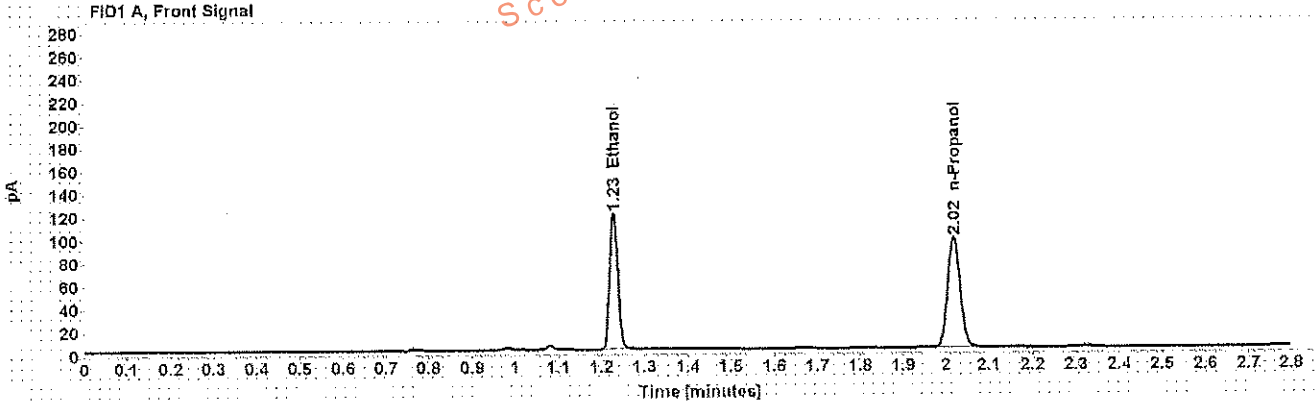


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2215	1.229	155.083
n-Propanol	-----	2.019	195.126

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	4.611
Ethanol	1.353	186.650
n-Propanol	2.383	230.711

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1186153
Injection date: 12/26/2017 4:38:19 PM	Vial: 72
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1Data\26Dec17\72.D	

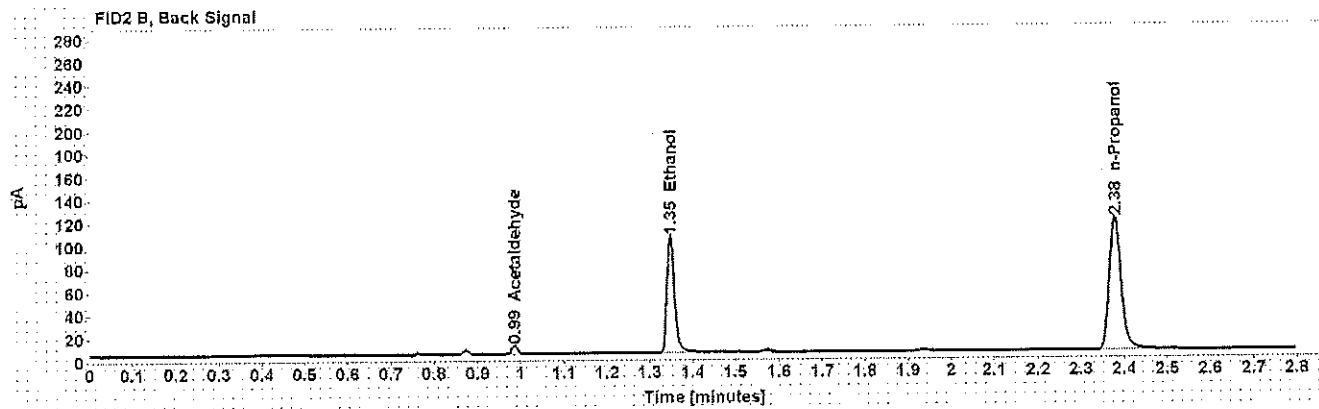
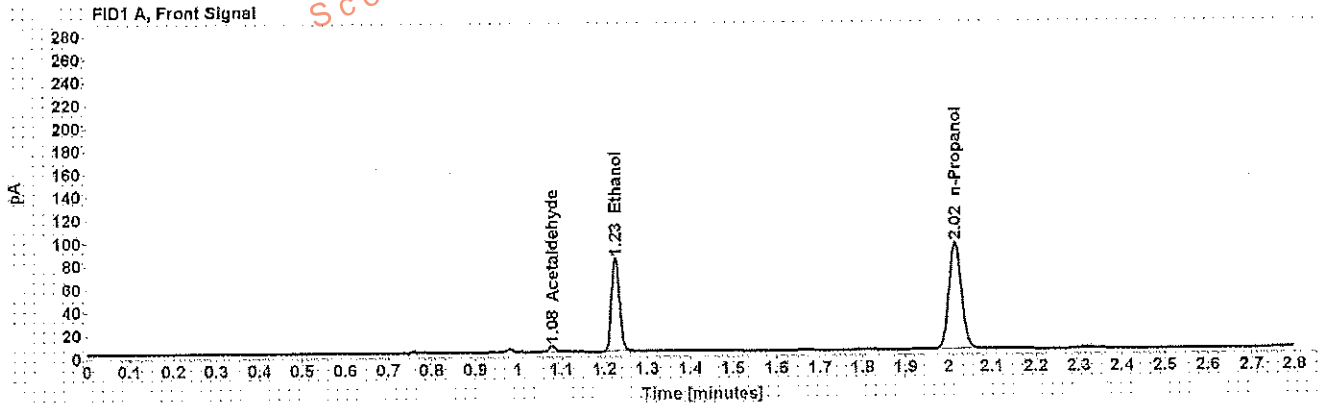


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.079	5.296
>Ethanol	0.1538	1.226	104.298
n-Propanol	-----	2.015	189.544

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6.597
Ethanol	1.348	125.480
n-Propanol	2.379	221.889

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1185862
Injection date:	12/26/2017 4:42:34 PM	Vial:	73
Method:	ethanol quant.M	Sequence:	26Dec17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\26Dec17\73.D		

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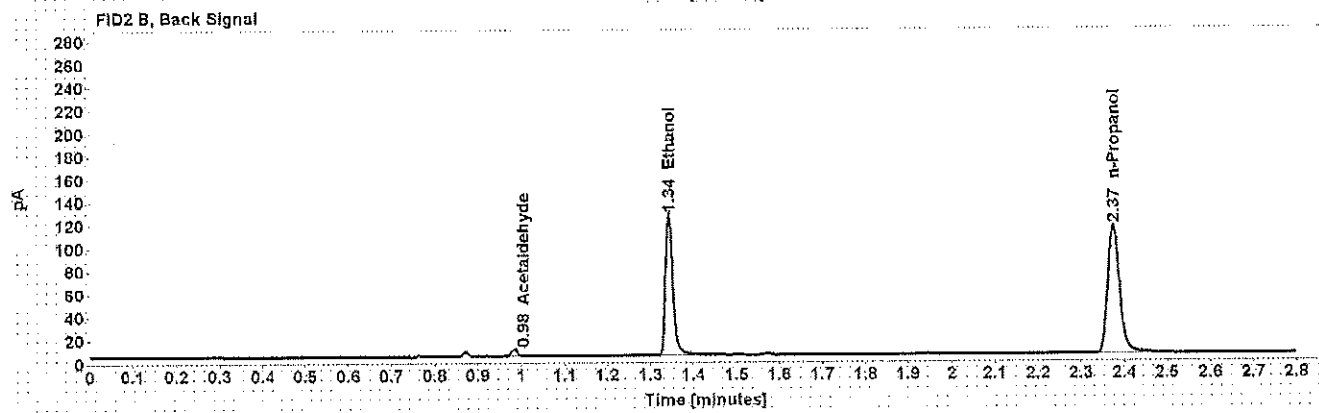
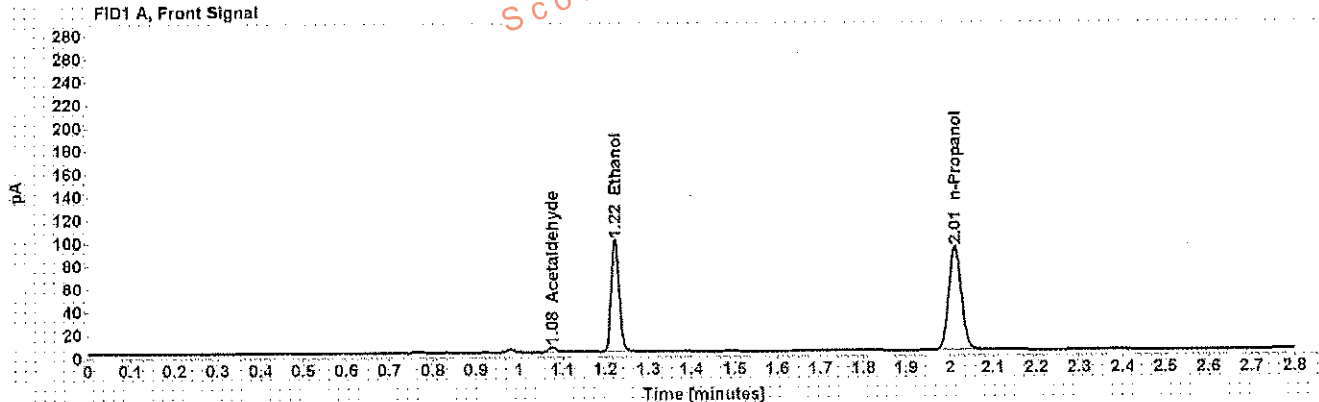


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.473
>Ethanol	0.1908	1.223	125.530
n-Propanol	-----	2.012	183.580

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.676
Ethanol	1.343	150.804
n-Propanol	2.374	216.476

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1185862
Injection date: 12/26/2017 4:46:35 PM	Vial: 74
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160046	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\74.D	

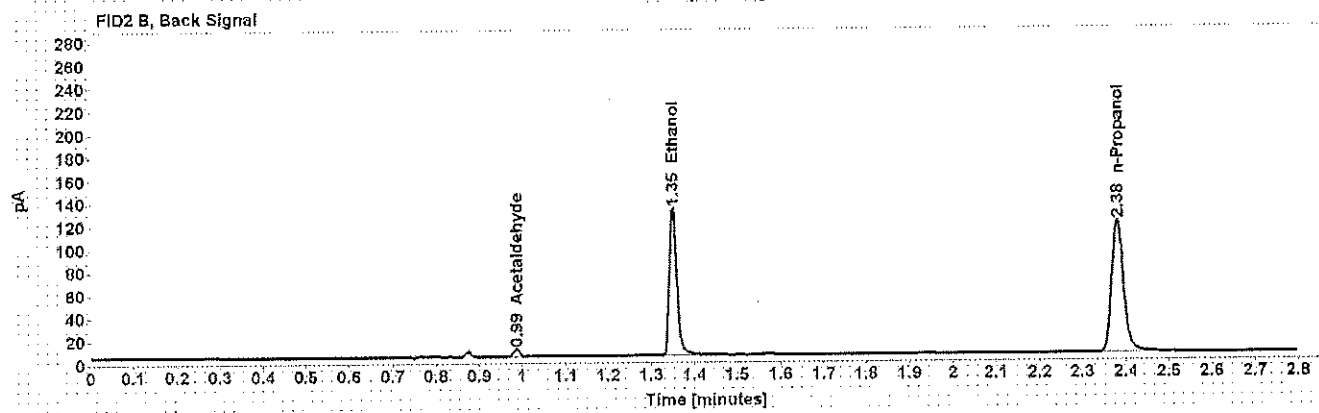
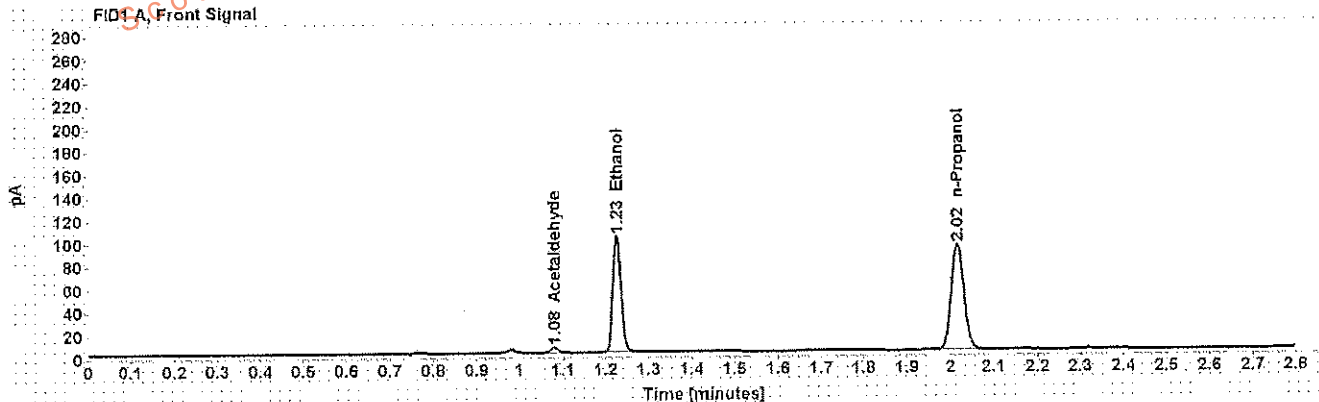


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.079	4.927
>Ethanol	0.1950	1.227	131.519
n-Propanol	-----	2.017	188.140

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	6.209
Ethanol	1.350	158.326
n-Propanol	2.381	222.111

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1151861
Injection date: 12/26/2017 4:58:35 PM	Vial: 77
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\177.D	

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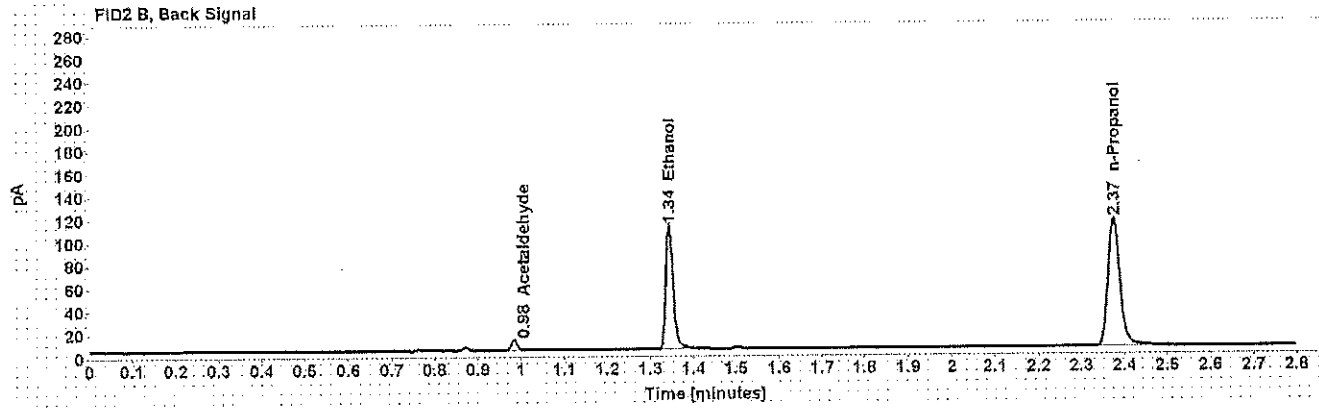
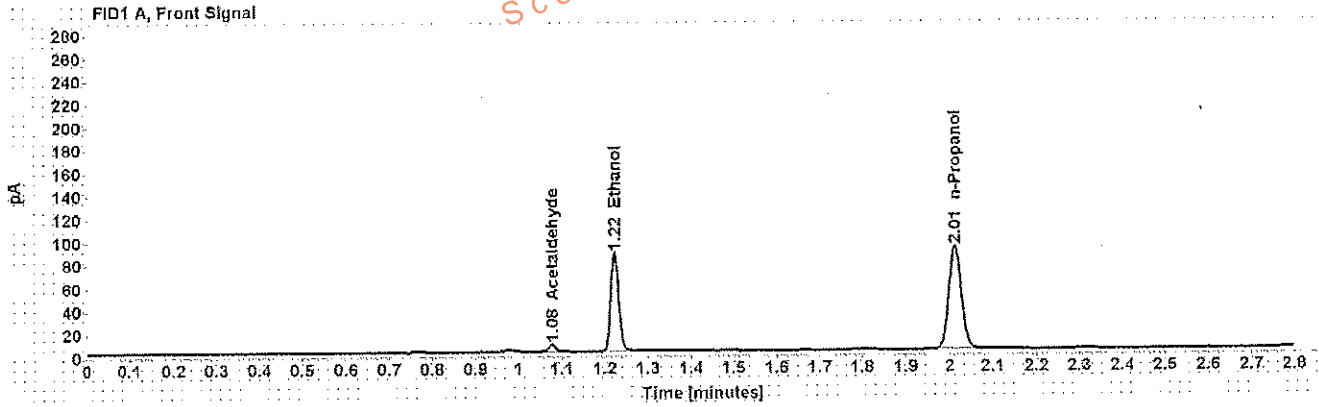


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	6.372
>Ethanol	0.1677	1.223	110.181
n-Propanol	-----	2.012	183.531

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	8.029
Ethanol	1.343	129.630
n-Propanol	2.375	215.732

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 72-01A
Injection date: 12/26/2017 5:02:35 PM	Vial: 78
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
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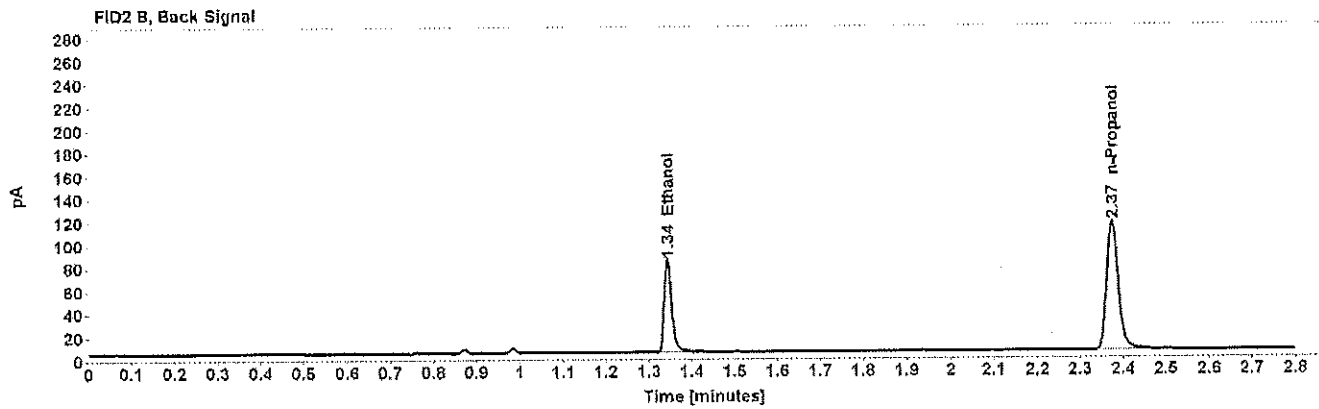
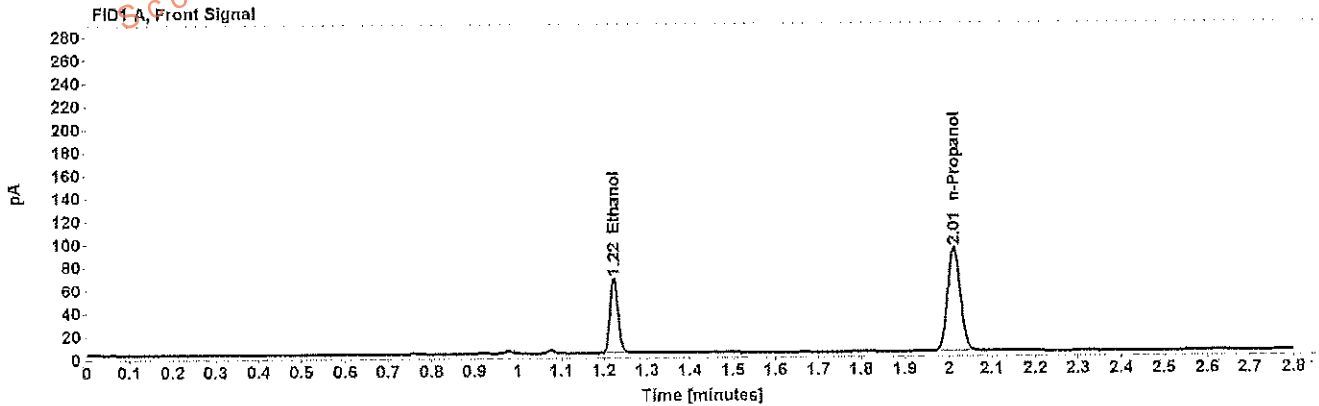


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1265	1.223	83.214
n-Propanol	-----	2.013	184.275

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

Compound	Time (min)	Peak Area
Ethanol	1.344	98.519
n-Propanol	2.375	217.071

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 72-01A
Injection date: 12/26/2017 5:06:50 PM	Vial: 79
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
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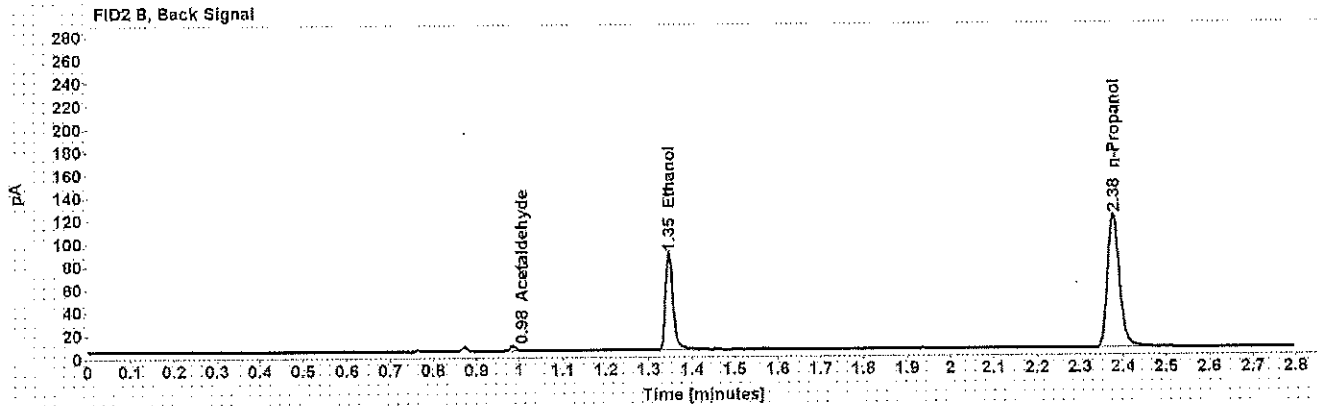
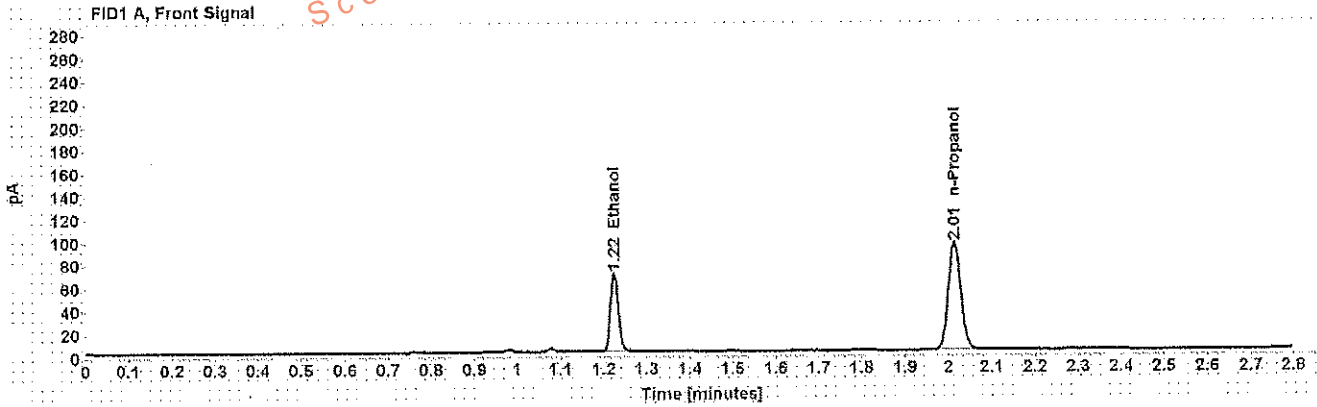


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1289	1.225	87.527
n-Propanol	-----	2.014	190.054

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	3.889
Ethanol	1.346	105.057
n-Propanol	2.377	224.374

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 72-01-01
Injection date: 12/26/2017 5:10:50 PM	Vial: 80
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\26Dec17\80.D	

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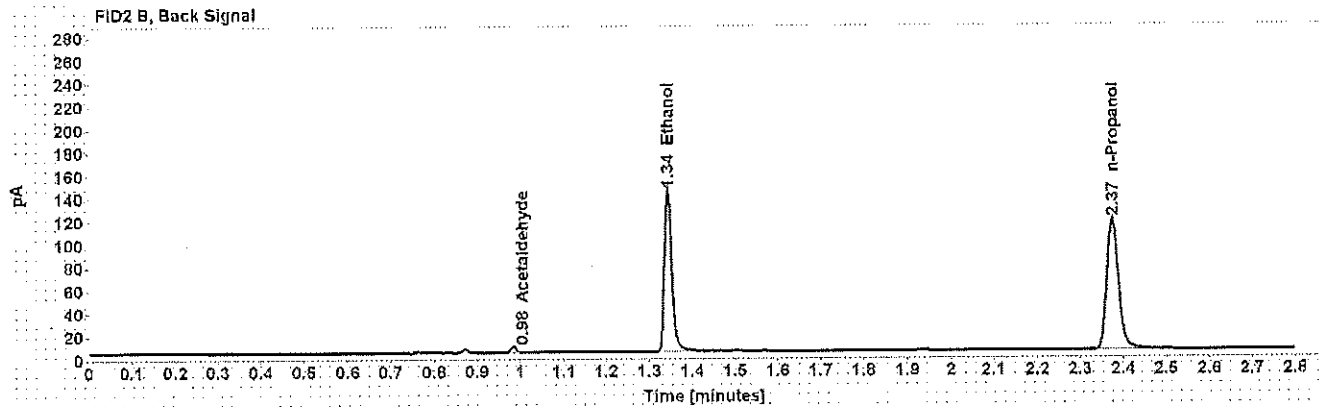
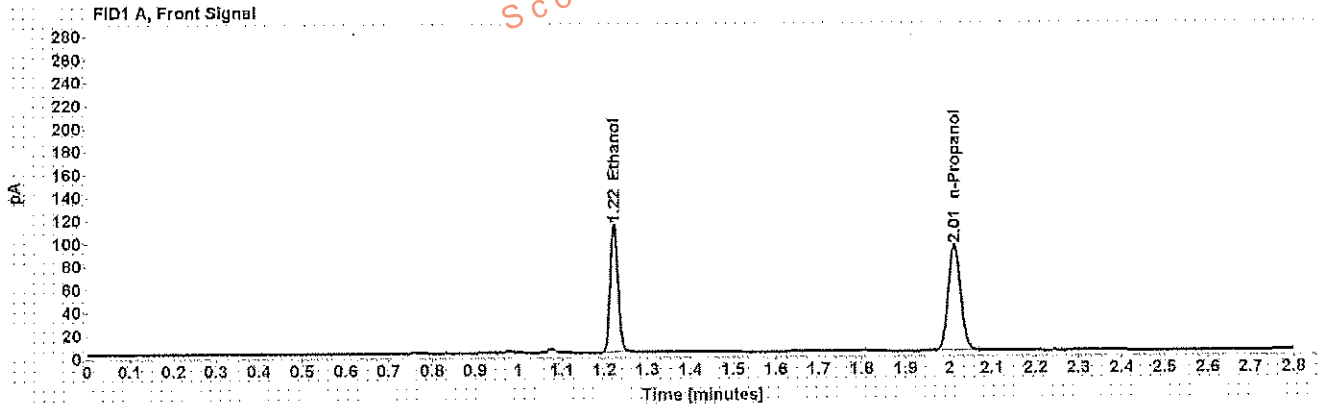


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2123	1.223	142.122
n-Propanol	-----	2.013	186.611

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.499
Ethanol	1.343	169.467
n-Propanol	2.375	220.431

Case: [REDACTED] User: wadrian 12/27/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 72-01-01
Injection date: 12/26/2017 5:14:56 PM Vial: 81
Method: ethanol quant.M Sequence: 26Dec17
Instrument: US14173023 CN14160045 Analyst: Adrian
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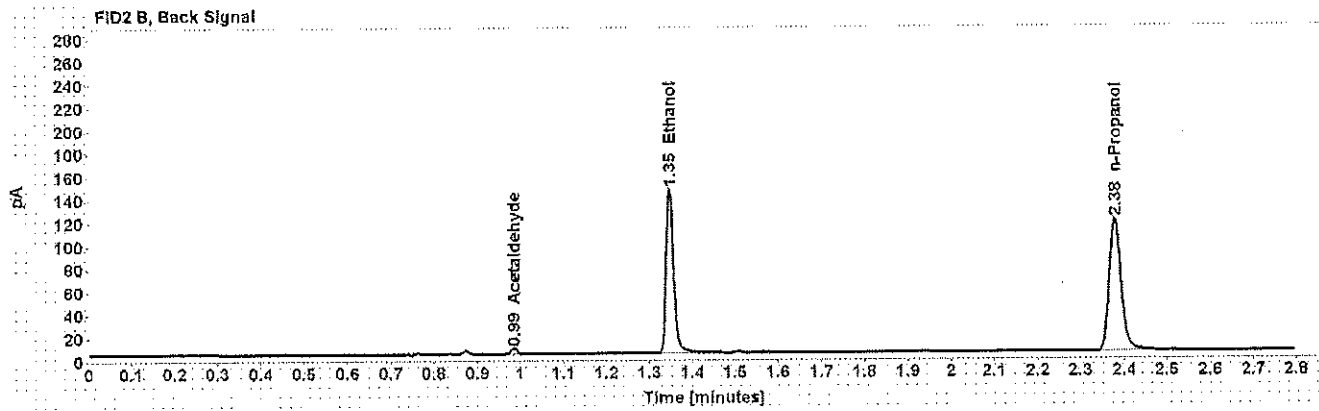
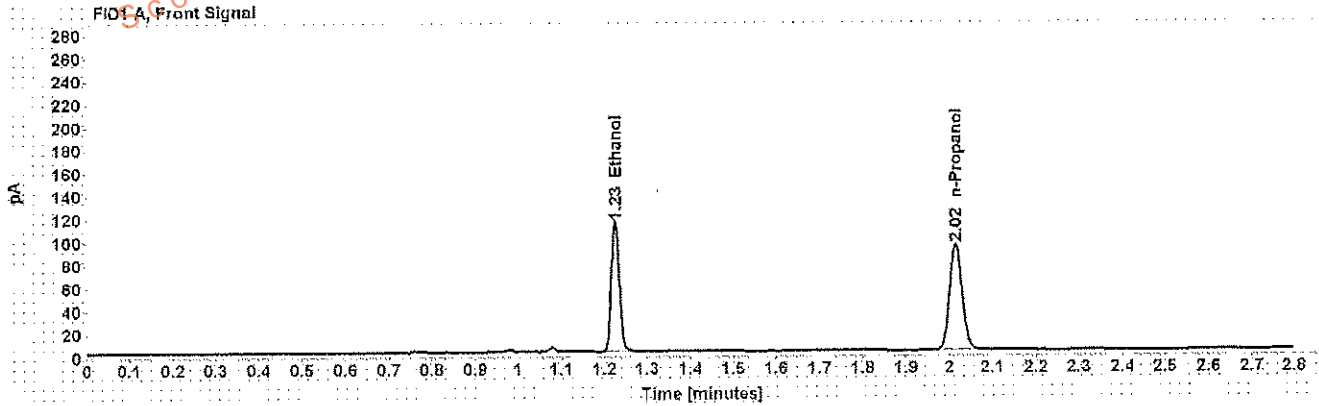


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2156	1.225	145.767
n-Propanol	-----	2.015	188.474

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.639
Ethanol	1.347	175.386
n-Propanol	2.379	222.190

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 331-01A
Injection date: 12/26/2017 5:18:50 PM	Vial: 82
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Datat26Dec17\82.D	

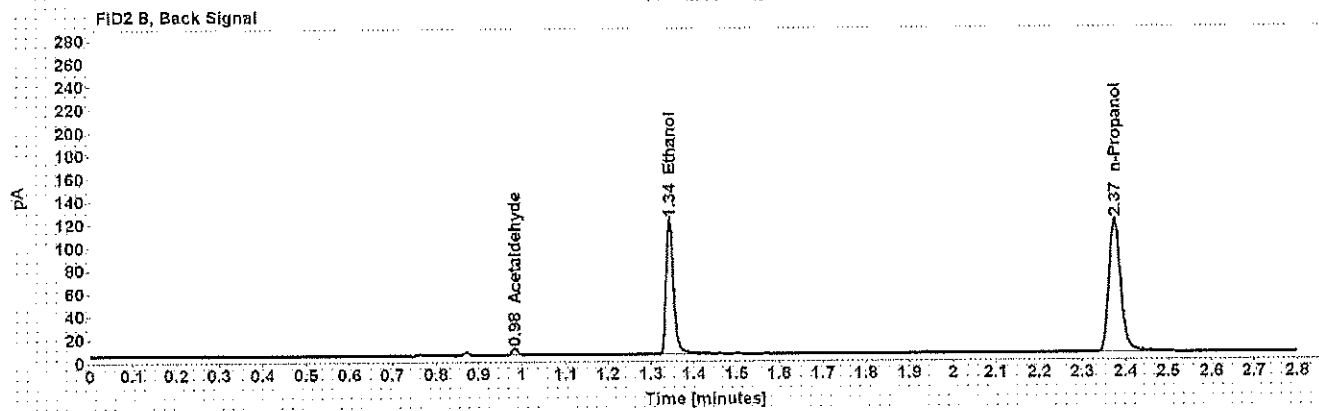
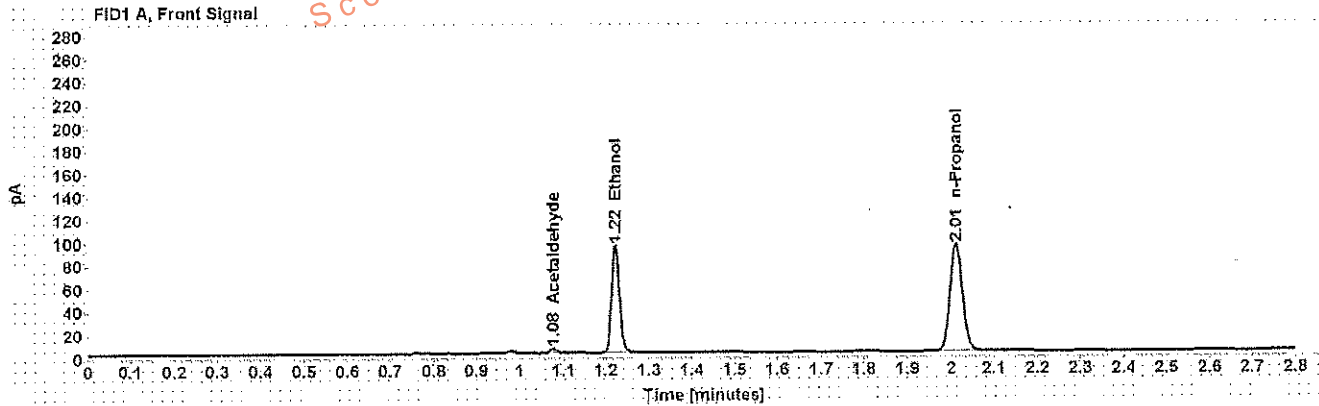


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.178
>Ethanol	0.1757	1.223	119.443
n-Propanol	-----	2.012	189.742

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.275
Ethanol	1.343	142.041
n-Propanol	2.374	223.776

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 331-01A
Injection date: 12/26/2017 5:22:50 PM	Vial: 83
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\26Dec17\83.D	

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Scottsdale City Prosecutor

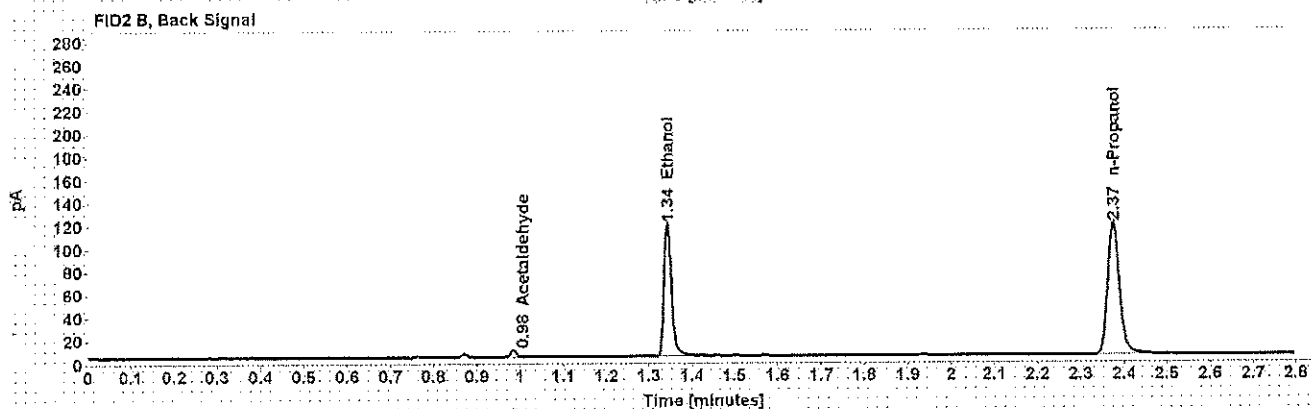
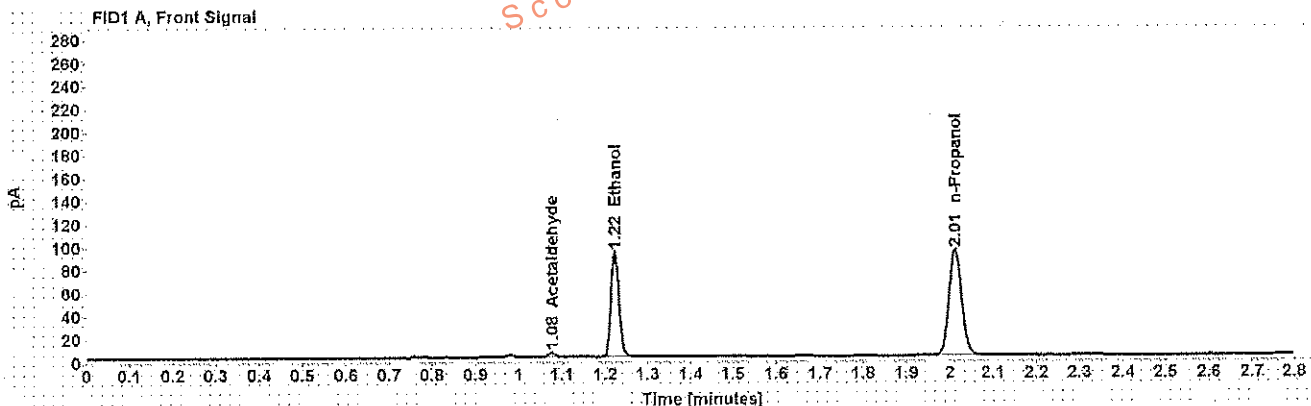


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.274
>Ethanol	0.1749	1.223	117.854
n-Propanol	-----	2.012	188.095

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.404
Ethanol	1.343	141.933
n-Propanol	2.374	221.962

Case: [REDACTED] User: wadrian 12/27/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1189689
Injection date: 12/26/2017 5:26:50 PM Vial: 84
Method: ethanol quant.M Sequence: 26Dec17
Instrument: US14173023 CN14160046 Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\84.D

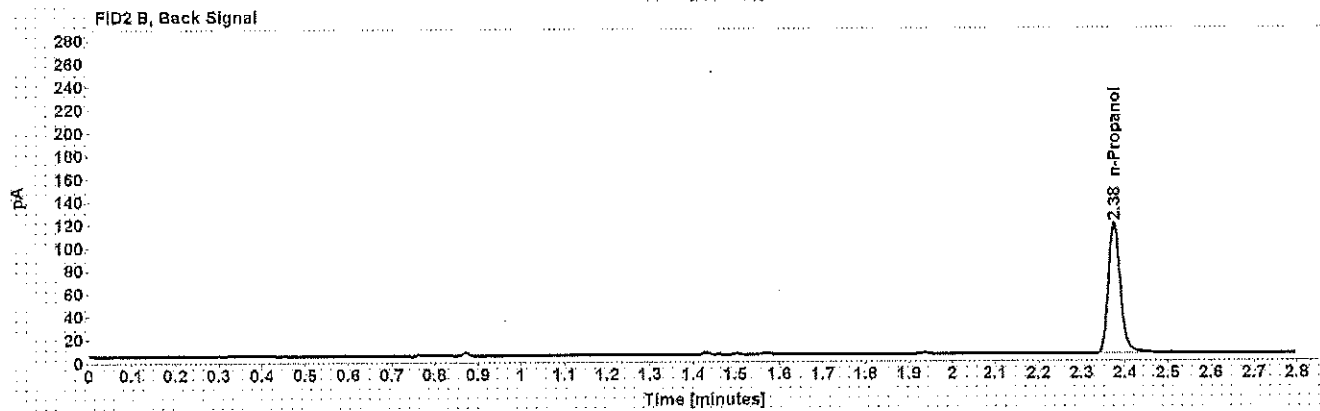
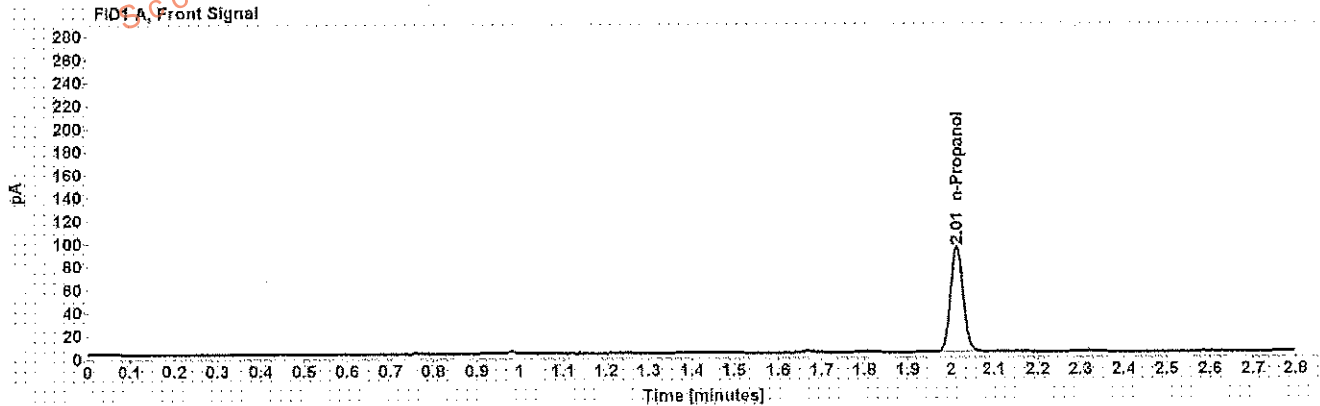


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	185.990

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	219.277

Case: [REDACTED] User: wadrian 12/27/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1189689
Injection date: 12/26/2017 5:31:05 PM Vial: 85
Method: ethanol quant.M Sequence: 26Dec17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\85.D

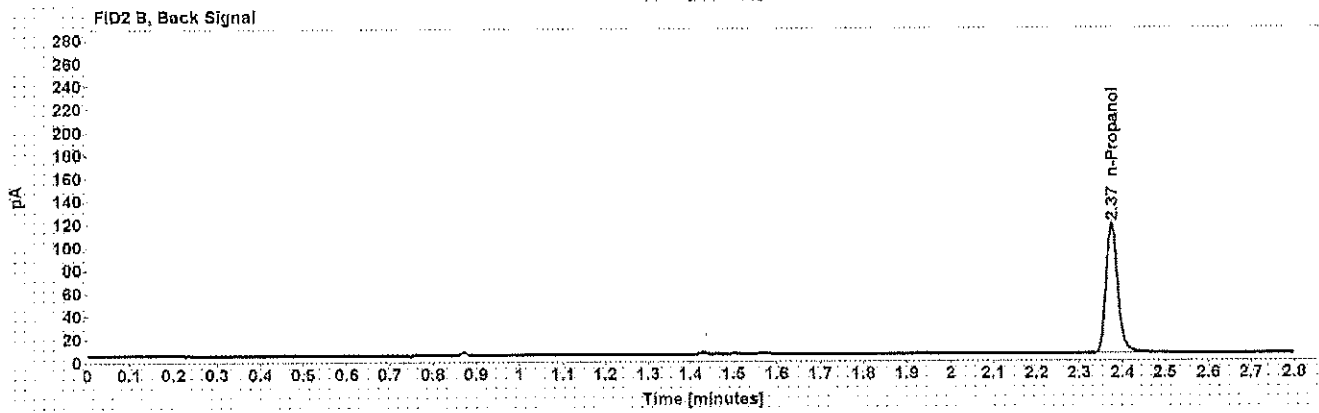
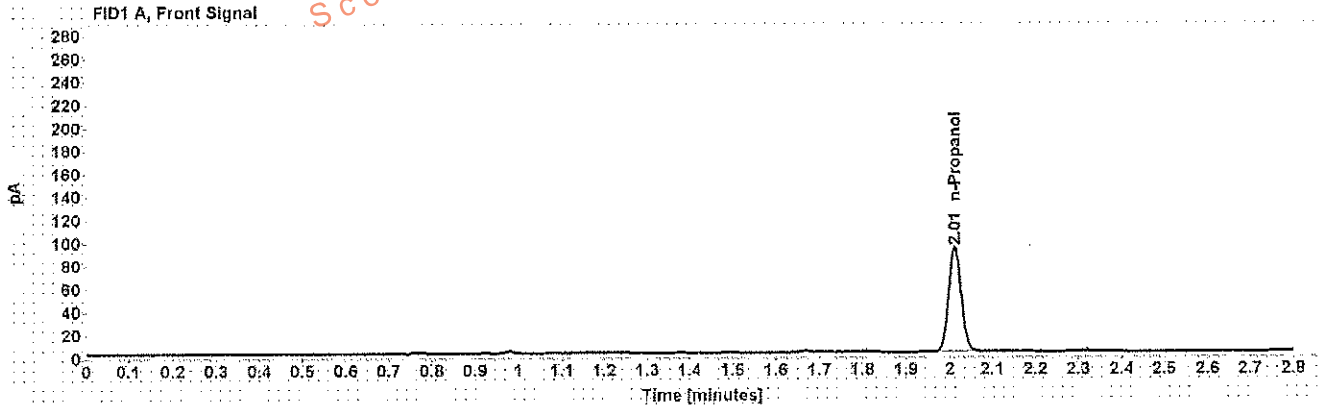


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.012	185.158

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

Compound	Time (min)	Peak Area
n-Propanol	2.374	218.653

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1189217
Injection date: 12/26/2017 5:39:05 PM	Vial: 87
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\26Dec17\187.D	

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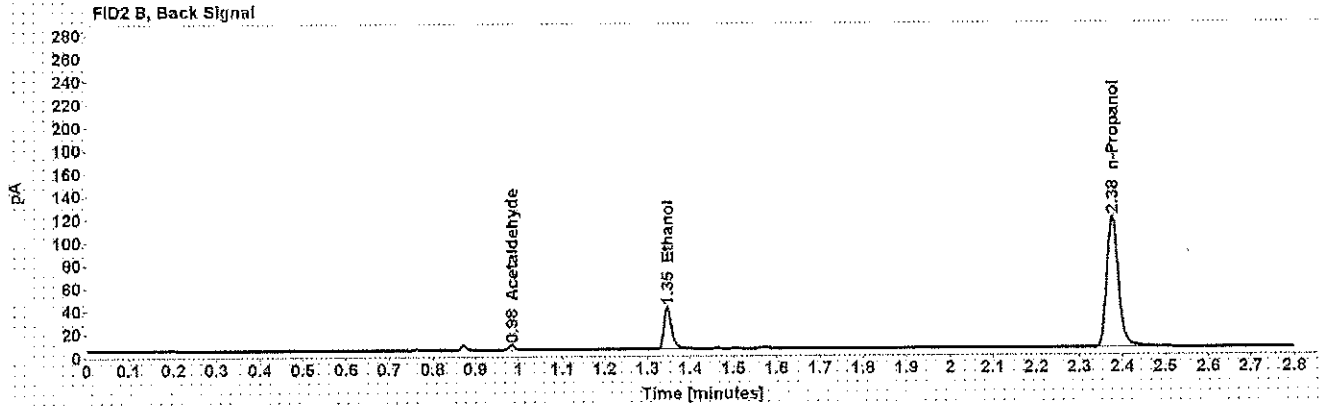
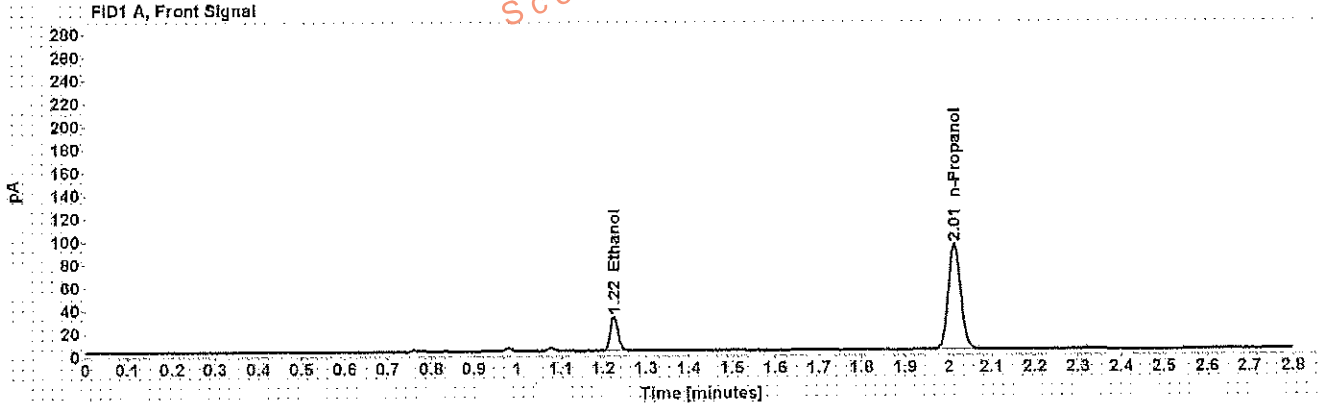


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0584	1.225	38.496
n-Propanol	-----	2.014	186.870

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.793
Ethanol	1.347	45.888
n-Propanol	2.376	220.818

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1189217
Injection date: 12/26/2017 5:43:05 PM	Vial: 88
Method: ethanol quant.M	Sequence: 26Dec17
Instrument: US14173023 CN14160046	Analyst: Adrian
Data file: C:\Chem321\Data\26Dec17\88.D	

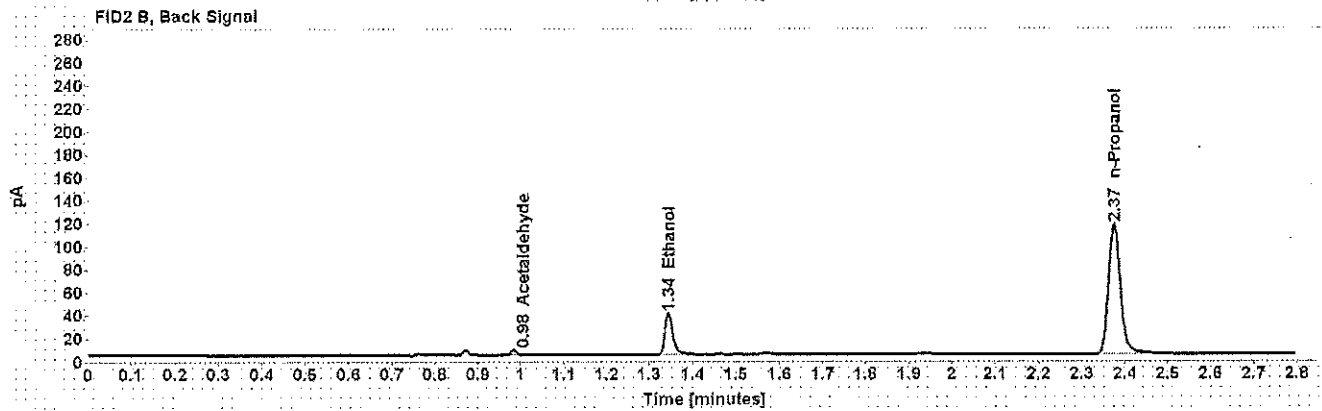
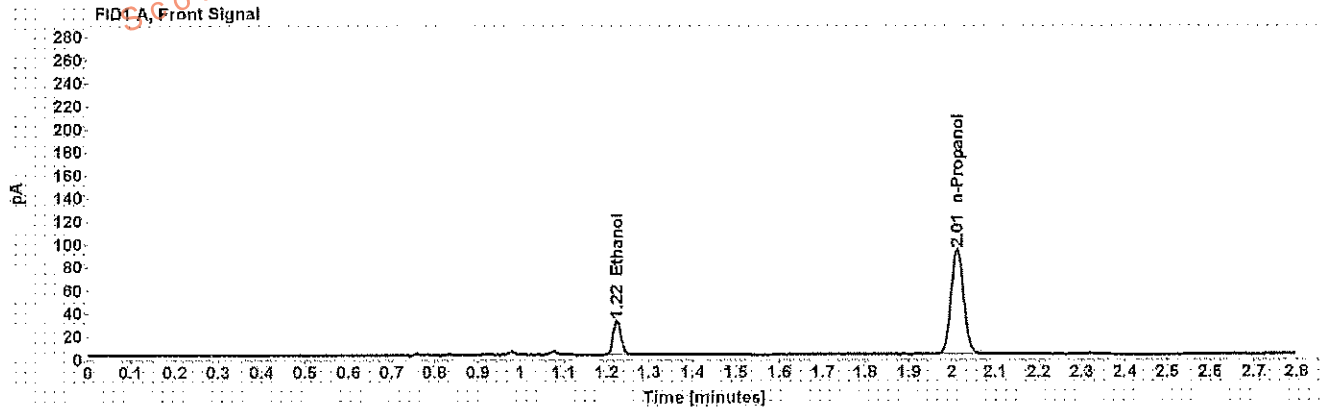


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0583	1.224	38.052
n-Propanol	-----	2.013	185.293

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.920
Ethanol	1.345	45.769
n-Propanol	2.375	219.091