



Houston Forensic Science Center

Comparative and Analytical Division - Toxicology

Headspace GC Maintenance Log

Instrument: Headspace 3

Date	N ₂ Tank Pressure	H ₂ Tank Pressure	Air Tank Pressure	He Tank Pressure	Air Control	SS	Comments	Signature
					Pass/Fail	Pass/Fail		
10/24/18	70 1400	70 1700	70 2400	70 1250	PASS	PASS	REPLACED AIR TANK 10/24/18 rom	rom

Form Complete Date/Signature: Brooke Mendoncell 10/29/2018

BAM
10/29/2018

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2018-10\ALC_20181024_TEST.S
Operator : Dana R Mike
Data File Naming : Auto
Data Directory : C:\Chem32\1\Data\
Data Subdirectory : ALC_20181024_TEST
Barcode Reader : not used
Shutdown Cmd/Macro : macro "shutdowncm.mac",go
Sequence Comment : I.S. Lot: 181015-IS Pipette: Hamilton 1742
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

SEQUENCE TABLE:
=====

Line : 1F
Location : 1
Sample Information :
Sample Name : Air Control
Method Name : VOLATILES
Sample Type : Sample

=====

Line : 2F
Location : 2
Sample Information :
Sample Name : Air Control
Method Name : VOLATILES
Sample Type : Sample

=====

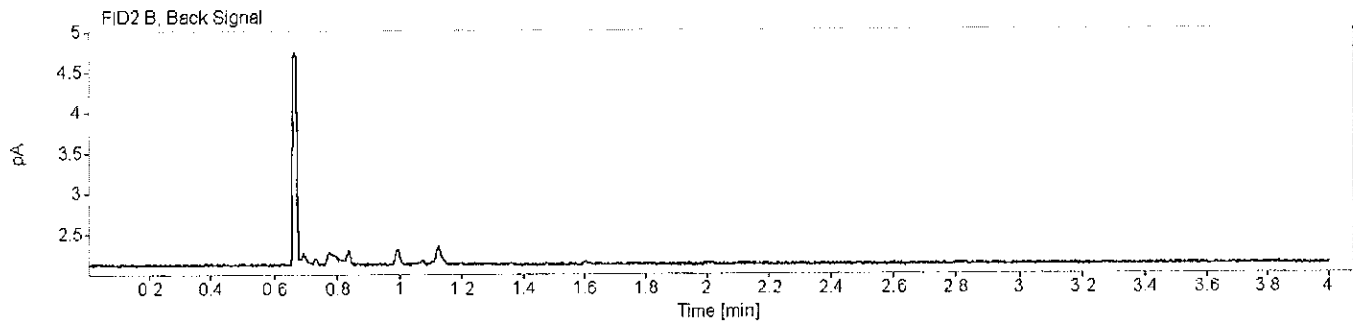
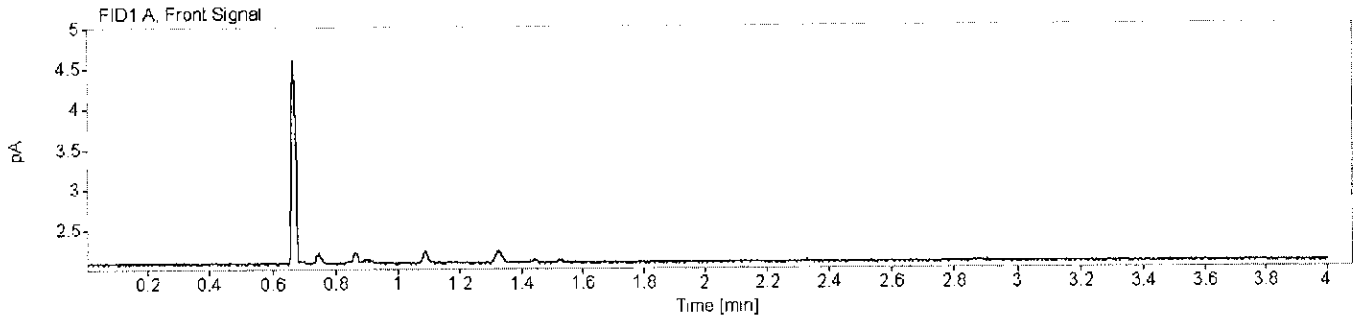
Line : 3F
Location : 3
Sample Information : Lot: FN06121803
Sample Name : SS
Method Name : VOLATILES
Sample Type : Sample

=====

Houston Forensic Science Center, Inc.
Forensic Analysis Division
Toxicology - Volatile Analysis Chromatograms



Sample name: Air Control Description: Vial Number: 1
Instrument: Headspace 3 Acq. method: VOLATILES.M Injection date: 10/24/2018 12:03:04 PM
Data file: C:\Chem32\11\Data\ALC_20181024_TEST\ALC_20181024_TEST 2018-10-24 11-54-03\001F0101.D

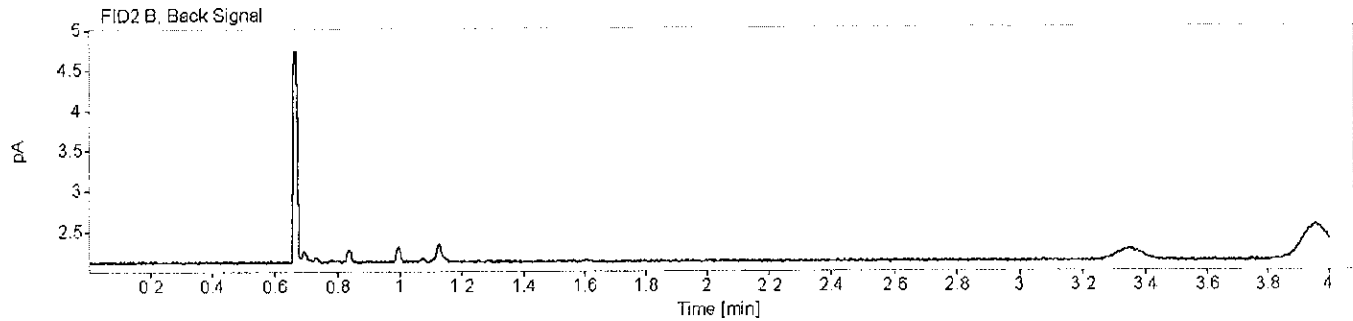
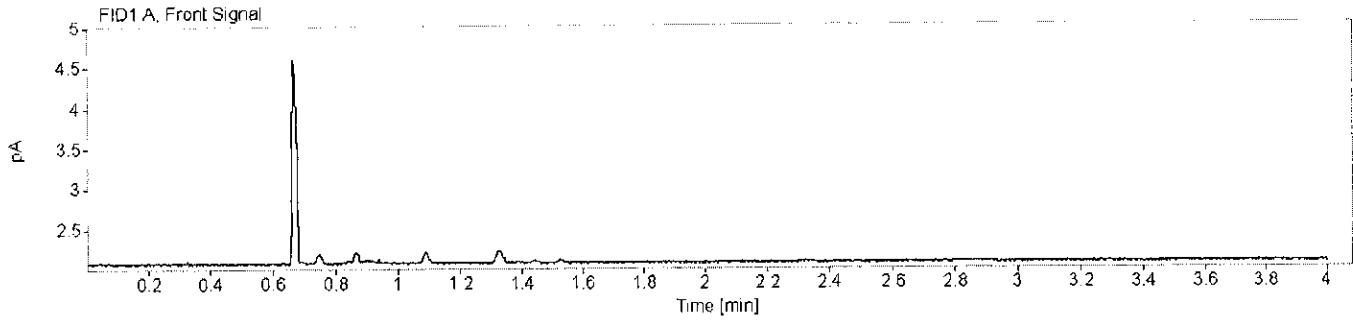


DM

Houston Forensic Science Center, Inc.
Forensic Analysis Division
Toxicology - Volatile Analysis Chromatograms



Sample name: Air Control Description: Vial Number: 2
Instrument: Headspace 3 Acq. method: VOLATILES.M Injection date: 10/24/2018 12:07:33 PM
Data file: C:\Chem32\11\Data\ALC_20181024_TEST\ALC_20181024_TEST 2018-10-24 11-54-03\002F0201.D

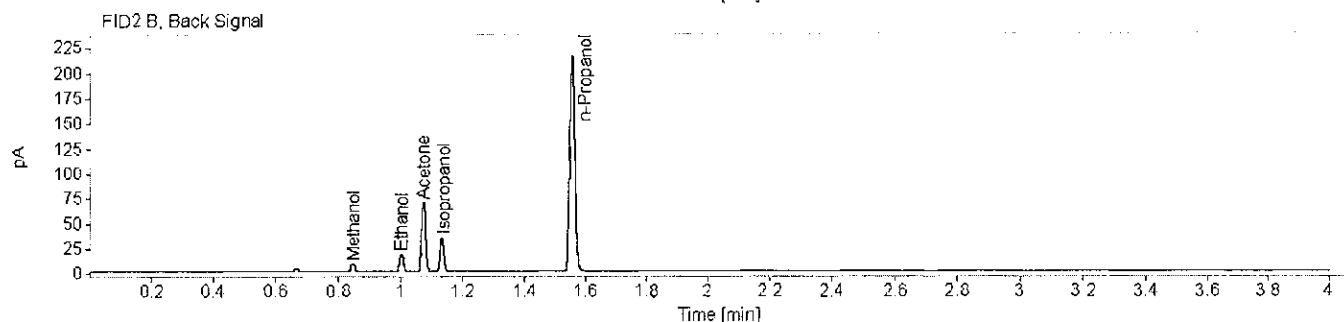
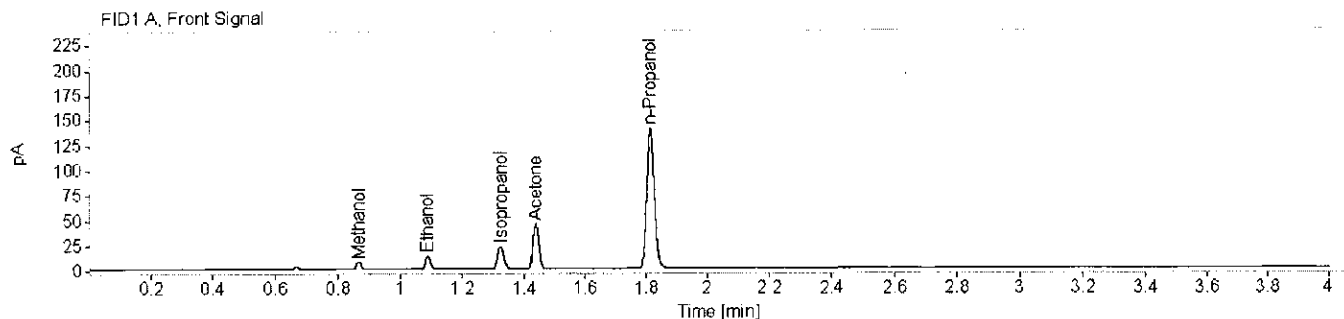


DM

Houston Forensic Science Center, Inc.
Forensic Analysis Division
Toxicology - Volatile Analysis Chromatograms



Sample name: SS Description: Lot: FN06121803 Vial Number: 3
 Instrument: Headspace 3 Acq. method: VOLATILES.M Injection date: 10/24/2018 12:13:27 PM
 Data file: C:\Chem32\11\Data\ALC_20181024_TEST\ALC_20181024_TEST 2018-10-24 11-54-03\003F0301.D



Name FID1A

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Methanol	0.99589		0.868	0.868	7.9226	0.0118
Ethanol	0.84467		1.089	1.088	15.6803	0.0117
Isopropanol	0.86363		1.325	1.324	30.6001	0.0103
Acetone	0.90944		1.440	1.439	60.6857	0.0108
n-Propanol	0.87379		1.815	1.816	241.3572	0.0100

Name FID2B

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Methanol	1.23132		0.849	0.854	8.0788	0.0115
Ethanol	0.91045		1.004	1.011	16.3181	0.0117
Acetone	0.91082	779.876065131119	1.075	1.081	62.6607	0.0109
Isopropanol	0.88202	376.682844889267	1.134	1.144	31.7437	0.0103
n-Propanol	0.93874		1.559	1.574	247.8866	0.0100

Handwritten signature