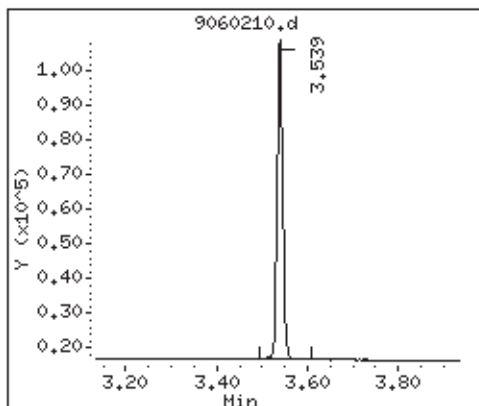
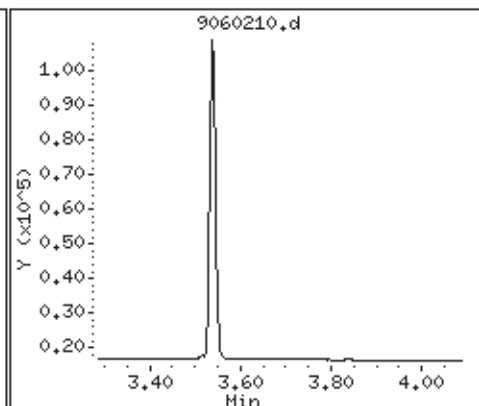


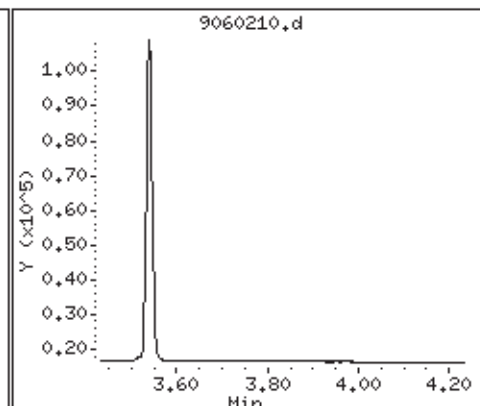
2 Methane



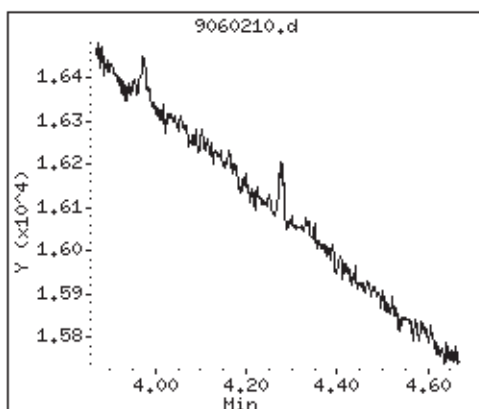
3 ethane (Undetected)



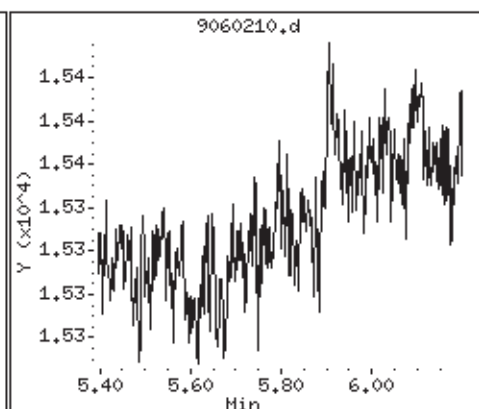
4 ethene (Undetected)



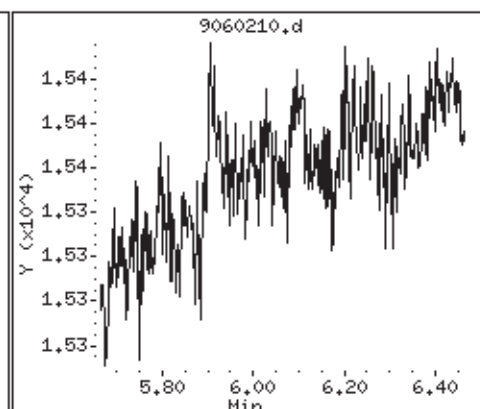
5 propane (Undetected)



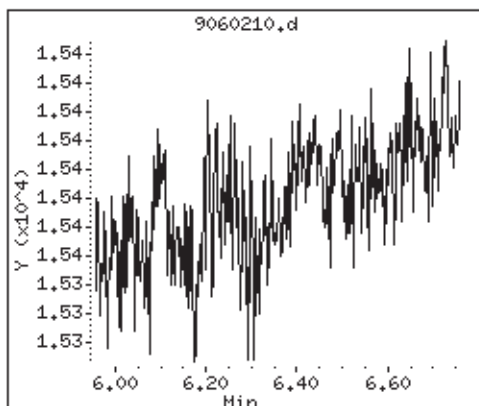
7 acetylene (Undetected)



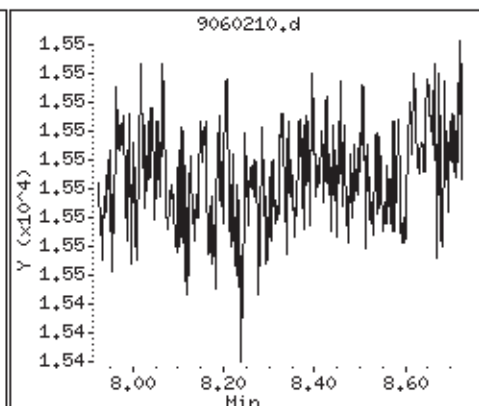
8 iso-butane (Undetected)



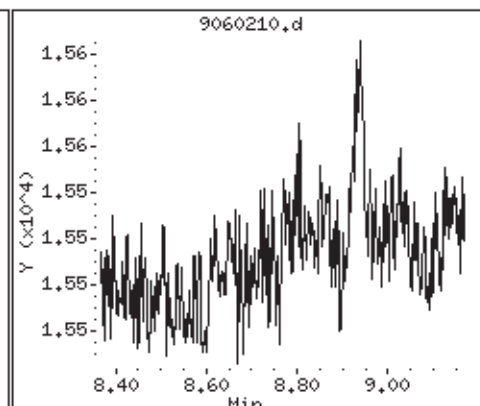
10 n-butane (Undetected)



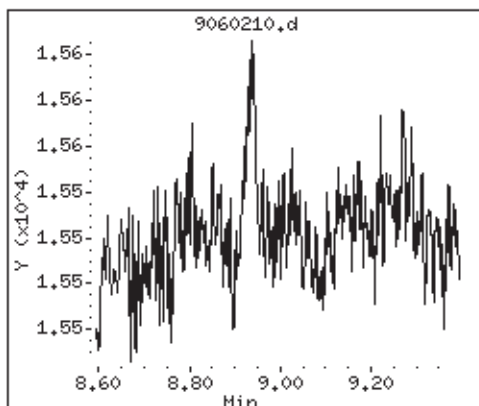
15 neo-pentane (Undetected)



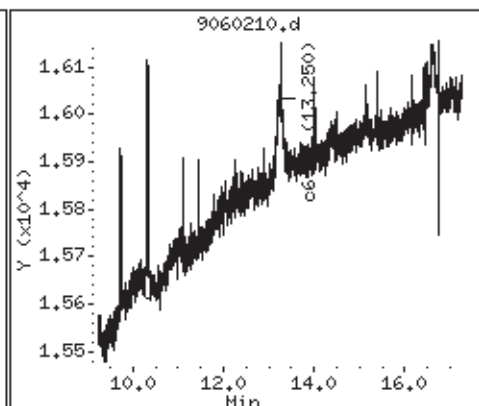
16 isopentane (Undetected)



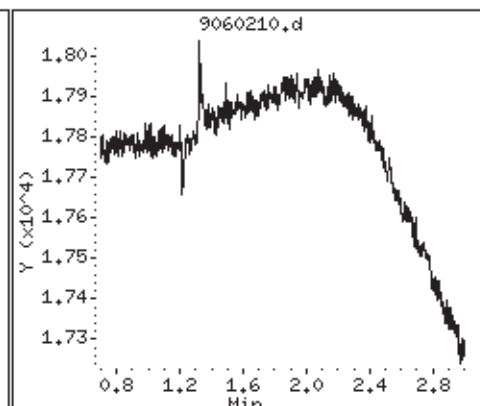
17 pentane (Undetected)



S 22 c6-c7 (Undetected)



S 36 c8+ (Undetected)



Air Toxics Ltd.

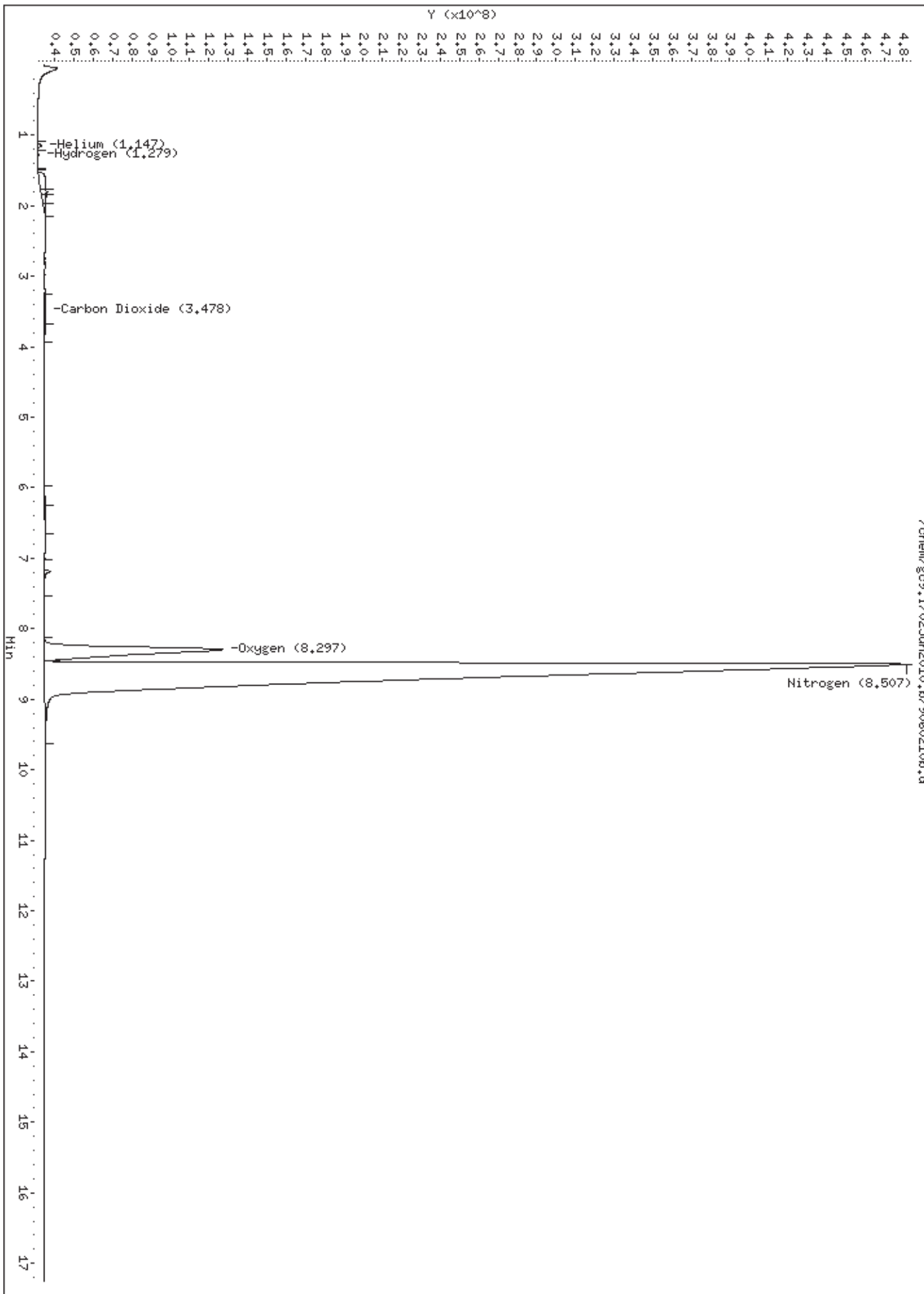
Modified ASTM D-1945

Data file : /chem/gc9.i/02Jun2010.b/9060210b.d
Lab Smp Id: 1005453B-03AA
Inj Date : 02-JUN-2010 14:24
Operator : gd Inst ID: gc9.i
Smp Info : 1.0mL,33382;1005453B-03AA;
Misc Info : 8.4"Hg.5.0psi, Exponent
Comment : GC/TCD
Method : /chem/gc9.i/02Jun2010.b/910n0430.m/910C0417.m
Meth Date : 02-Jun-2010 22:28 lyohanne Quant Type: ESTD
Cal Date : 02-JUN-2010 10:32 Cal File: 9060201b.d
Als bottle: 1
Dil Factor: 1.86000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

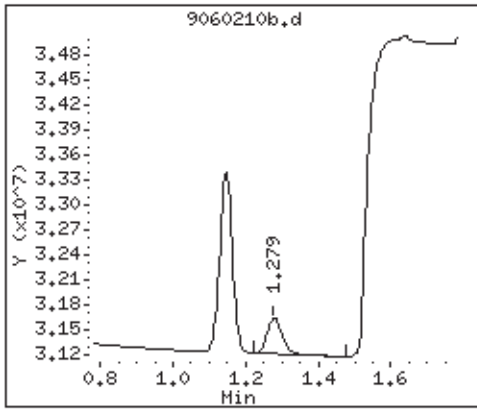
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

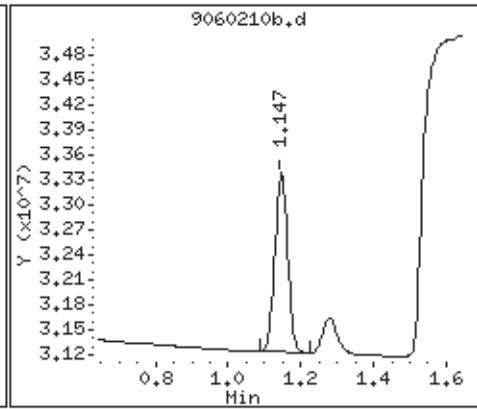
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
2 Hydrogen	1.279	1.285	-0.006	6226253	0.05966	0.111
1 Helium	1.147	1.146	0.001	26352353	0.39529	0.735
3 Carbon Dioxide	3.478	3.348	0.130	19878182	0.03947	0.0734
9 Oxygen	8.297	8.330	-0.033	3281318956	10.4632	19.5
10 Nitrogen	8.507	8.540	-0.033	30139241574	88.2957	164
12 Carbon Monoxide				Compound Not Detected.		



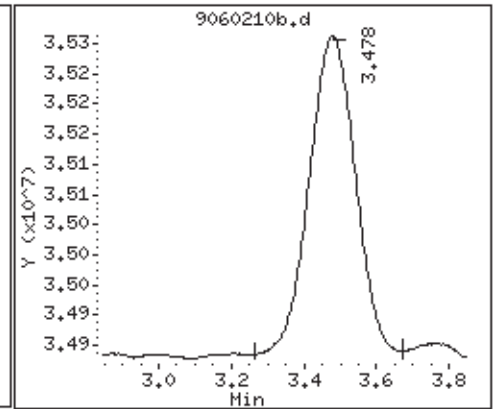
2 Hydrogen



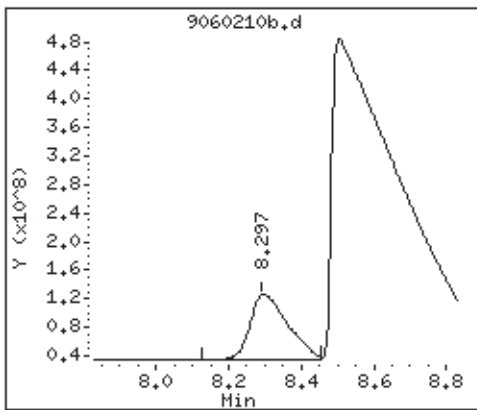
1 Helium



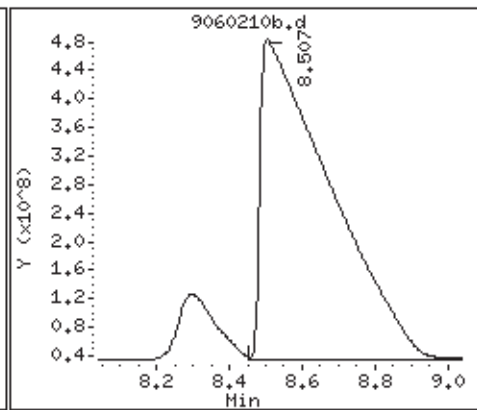
3 Carbon Dioxide



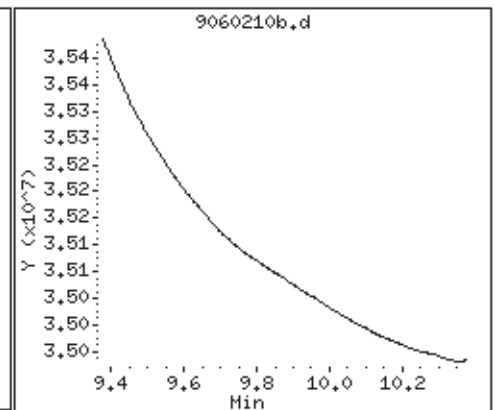
9 Oxygen



10 Nitrogen



12 Carbon Monoxide (Undete)





Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

Client Sample ID: GV-13

Lab ID#: 1005453B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.19	19
Nitrogen	0.19	81
Methane	0.00019	0.011
Carbon Dioxide	0.019	0.14
Hydrogen	0.019	0.061

Client Sample ID: GV-13

Lab ID#: 1005453B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9060125	Date of Collection: 5/16/10 2:27:00 PM
Dil. Factor:	1.88	Date of Analysis: 6/1/10 08:54 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.19	19
Nitrogen	0.19	81
Carbon Monoxide	0.019	Not Detected
Methane	0.00019	0.011
Carbon Dioxide	0.019	0.14
Ethane	0.0019	Not Detected
Ethene	0.0019	Not Detected
Acetylene	0.0019	Not Detected
Propane	0.0019	Not Detected
Isobutane	0.0019	Not Detected
Butane	0.0019	Not Detected
Neopentane	0.0019	Not Detected
Isopentane	0.0019	Not Detected
Pentane	0.0019	Not Detected
C6+	0.019	Not Detected
Hydrogen	0.019	0.061
Helium	0.094	Not Detected

Container Type: 6 Liter Summa Canister

Air Toxics Ltd.

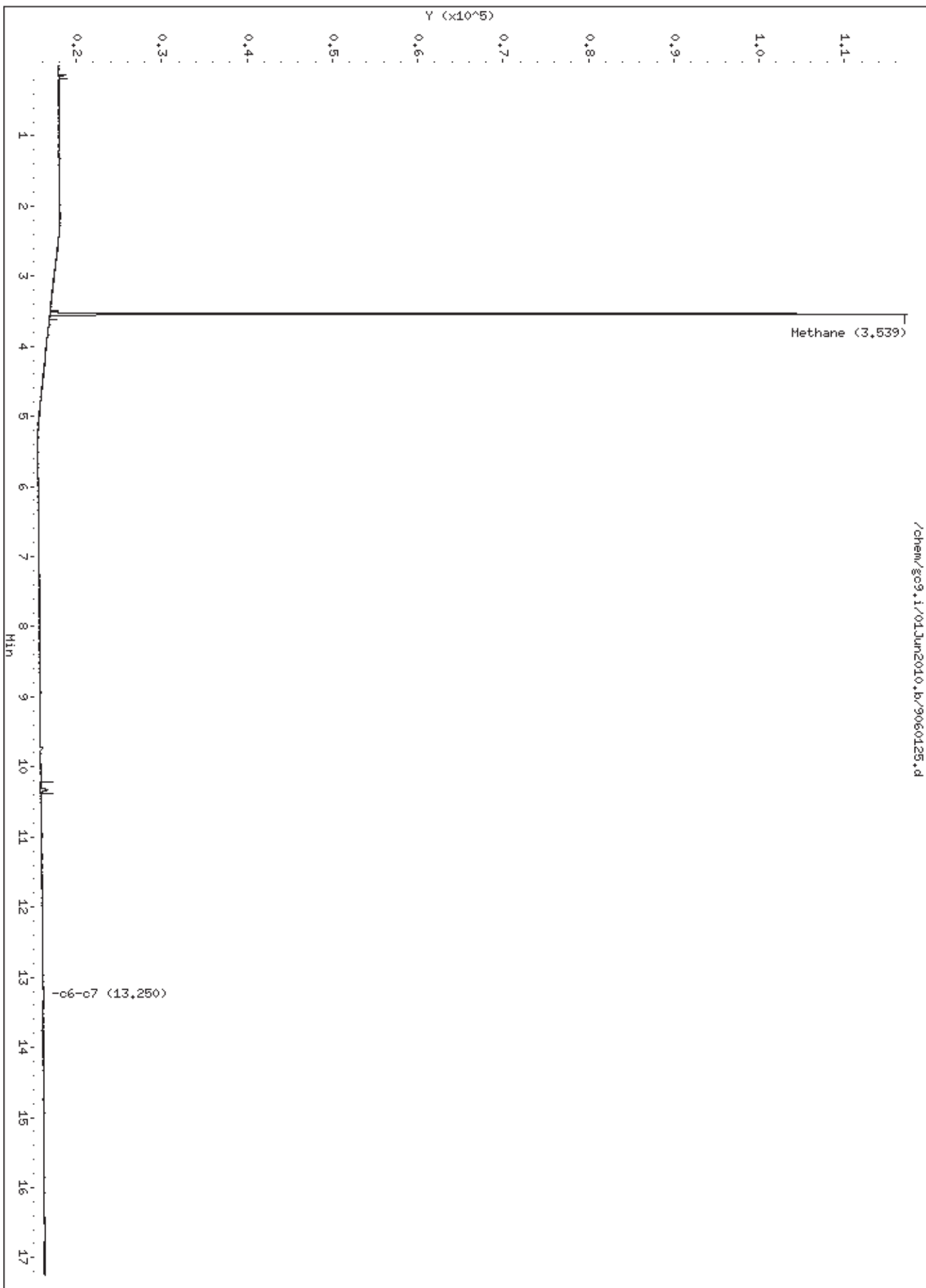
Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/01Jun2010.b/9060125.d
Lab Smp Id: 1005453B-05A
Inj Date : 01-JUN-2010 20:54
Operator : gd Inst ID: gc9.i
Smp Info : 1.0mL,34725
Misc Info : 8.6"Hg->5psi
Comment : GC FID
Method : /chem/gc9.i/01Jun2010.b/910n0430.m
Meth Date : 01-Jun-2010 08:01 lyohanne Quant Type: ESTD
Cal Date : 01-JUN-2010 07:39 Cal File: 9060101.d
Als bottle: 1
Dil Factor: 1.88000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

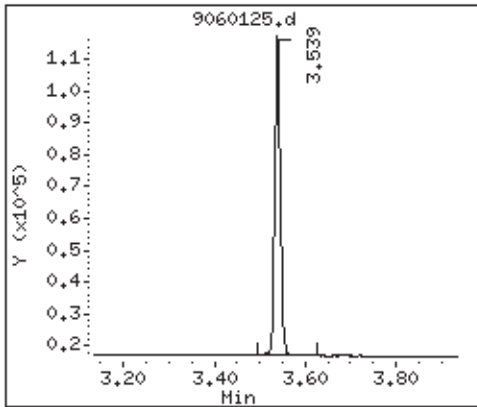
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

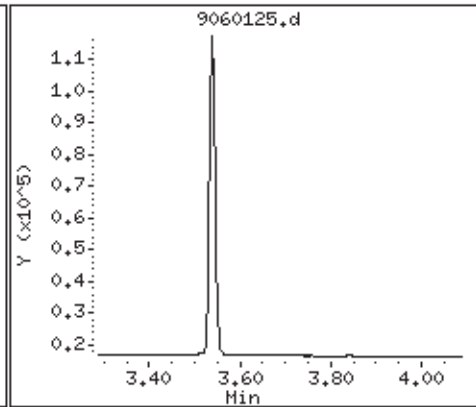
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
2 Methane	3.539	3.536	0.003	891127	0.00588	0.0110
3 ethane				Compound Not Detected.		
4 ethene				Compound Not Detected.		
5 propane				Compound Not Detected.		
7 acetylene				Compound Not Detected.		
8 iso-butane				Compound Not Detected.		
10 n-butane				Compound Not Detected.		
15 neo-pentane				Compound Not Detected.		
16 isopentane				Compound Not Detected.		
17 pentane				Compound Not Detected.		
M 37 C6+ Hydrocarbons				Compound Not Detected.		
S 22 c6-c7				Compound Not Detected.		
S 36 c8+				Compound Not Detected.		



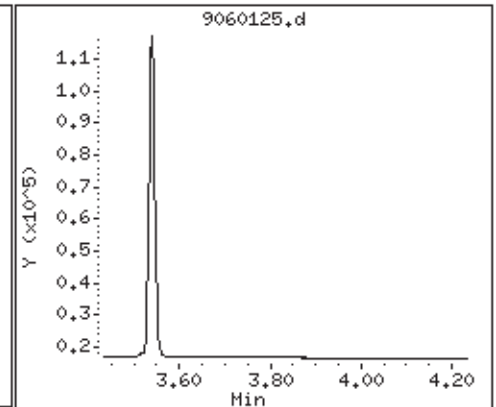
2 Methane



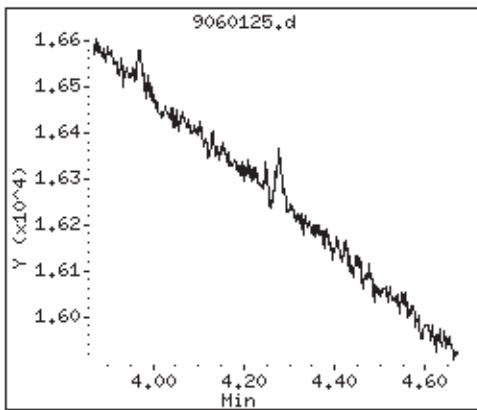
3 ethane (Undetected)



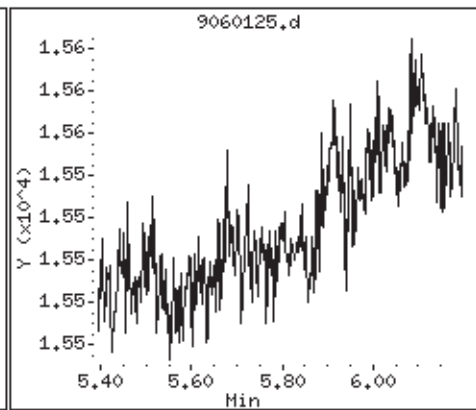
4 ethene (Undetected)



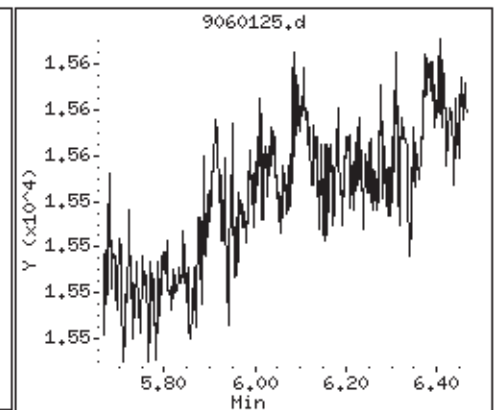
5 propane (Undetected)



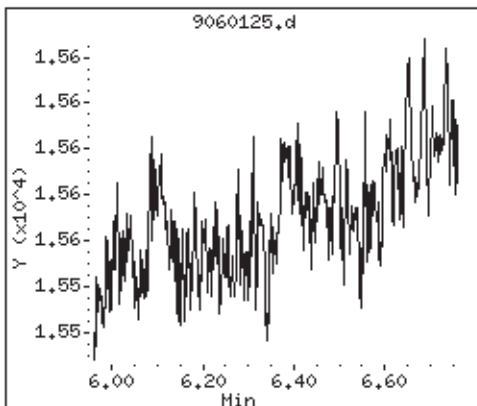
7 acetylene (Undetected)



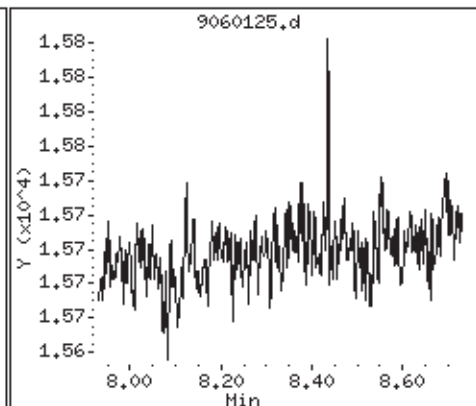
8 iso-butane (Undetected)



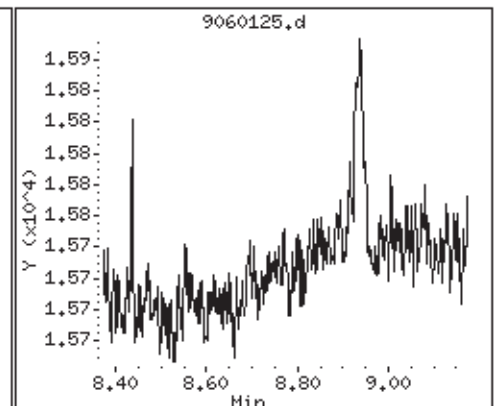
10 n-butane (Undetected)



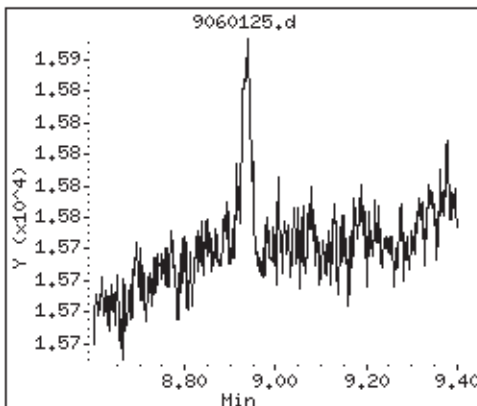
15 neo-pentane (Undetected)



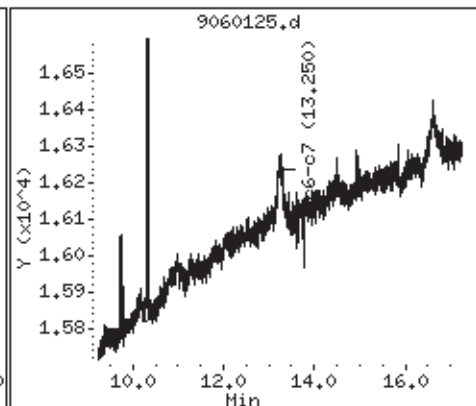
16 isopentane (Undetected)



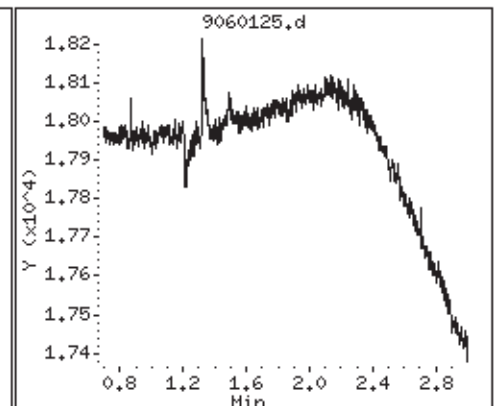
17 pentane (Undetected)



S 22 c6-c7 (Undetected)



S 36 c8+ (Undetected)



Air Toxics Ltd.

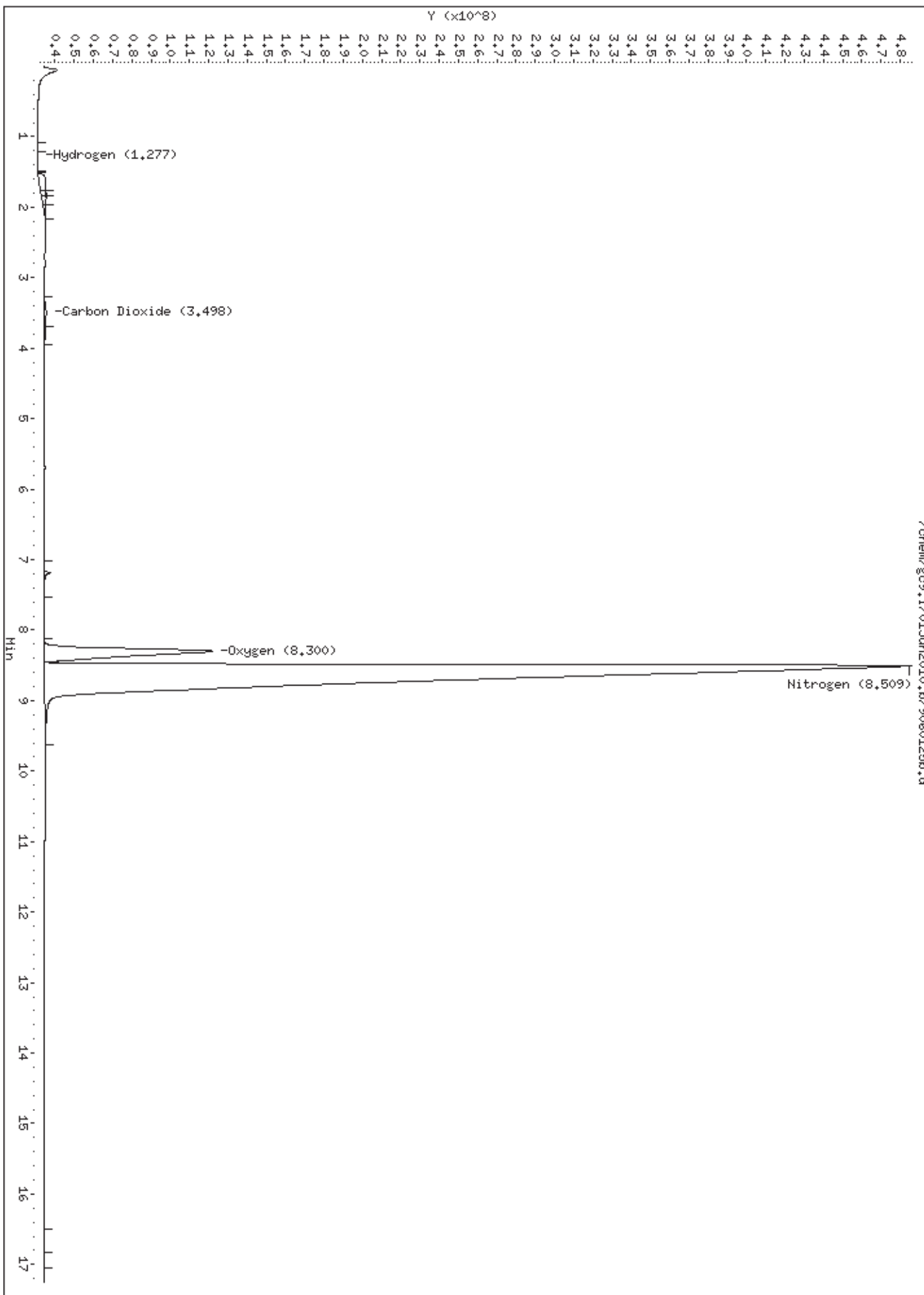
Modified ASTM D-1945

Data file : /chem/gc9.i/01Jun2010.b/9060125b.d
Lab Smp Id: 1005453B-05A
Inj Date : 01-JUN-2010 20:54
Operator : gd Inst ID: gc9.i
Smp Info : 1.0mL,34725;1005453B-05A;
Misc Info : 8.6"Hg->5psi
Comment : GC/TCD
Method : /chem/gc9.i/01Jun2010.b/910n0430.m/910C0417.m
Meth Date : 01-Jun-2010 17:45 lyohanne Quant Type: ESTD
Cal Date : 01-JUN-2010 17:29 Cal File: 9060118b.d
Als bottle: 1
Dil Factor: 1.88000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

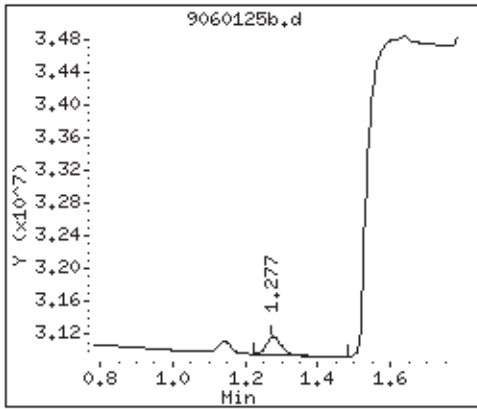
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

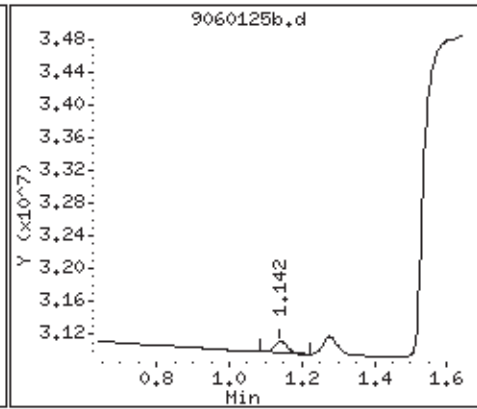
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
2 Hydrogen	1.277	1.285	-0.008	3127333	0.03264	0.0614
1 Helium	Compound Not Detected.					
3 Carbon Dioxide	3.498	3.375	0.123	36986222	0.07276	0.137
9 Oxygen	8.300	8.336	-0.036	3096161348	9.92738	18.7
10 Nitrogen	8.509	8.549	-0.040	30386852583	89.3395	168
12 Carbon Monoxide	Compound Not Detected.					



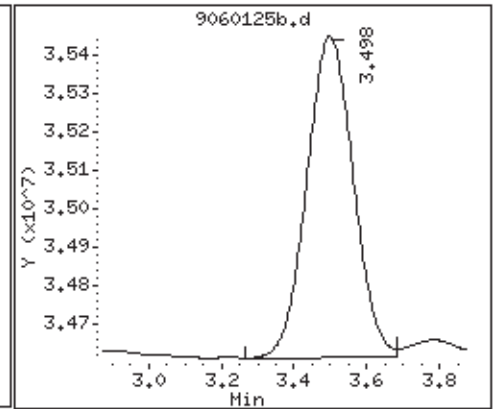
2 Hydrogen



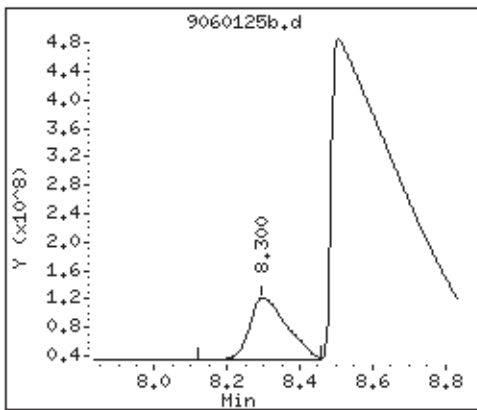
1 Helium (Undetected)



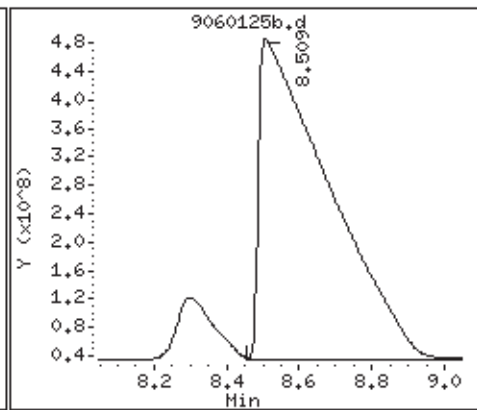
3 Carbon Dioxide



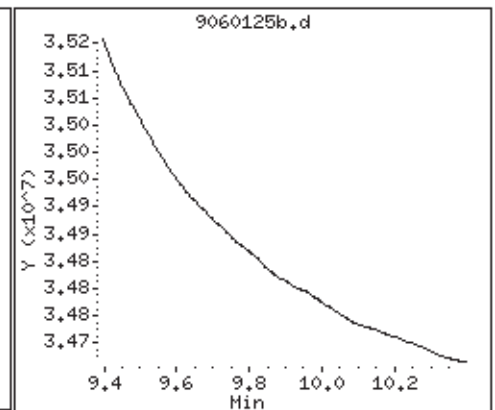
9 Oxygen



10 Nitrogen



12 Carbon Monoxide (Undete





Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

Client Sample ID: GV-1

Lab ID#: 1005453B-14A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.20	21
Nitrogen	0.20	78
Carbon Dioxide	0.020	0.47
Helium	0.10	0.12

Client Sample ID: GV-1

Lab ID#: 1005453B-14A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9060126	Date of Collection: 5/16/10 11:36:00 AM
Dil. Factor:	1.99	Date of Analysis: 6/1/10 09:25 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.20	21
Nitrogen	0.20	78
Carbon Monoxide	0.020	Not Detected
Methane	0.00020	Not Detected
Carbon Dioxide	0.020	0.47
Ethane	0.0020	Not Detected
Ethene	0.0020	Not Detected
Acetylene	0.0020	Not Detected
Propane	0.0020	Not Detected
Isobutane	0.0020	Not Detected
Butane	0.0020	Not Detected
Neopentane	0.0020	Not Detected
Isopentane	0.0020	Not Detected
Pentane	0.0020	Not Detected
C6+	0.020	Not Detected
Hydrogen	0.020	Not Detected
Helium	0.10	0.12

Container Type: 6 Liter Summa Canister

Air Toxics Ltd.

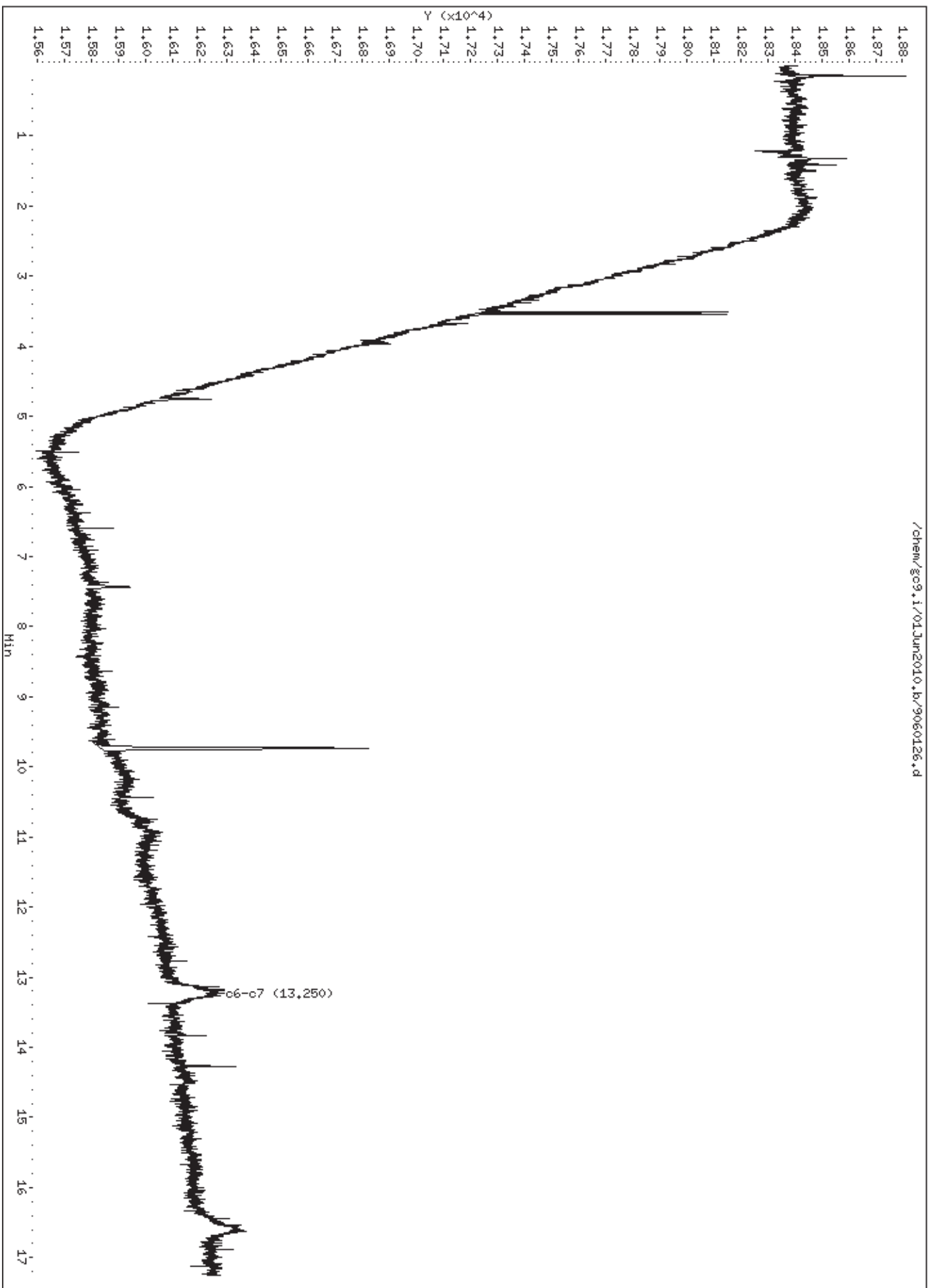
Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/01Jun2010.b/9060126.d
Lab Smp Id: 1005453B-14A
Inj Date : 01-JUN-2010 21:25
Operator : gd Inst ID: gc9.i
Smp Info : 1.0mL,34371
Misc Info : 9.8"Hg->5psi
Comment : GC FID
Method : /chem/gc9.i/01Jun2010.b/910n0430.m
Meth Date : 01-Jun-2010 08:01 lyohanne Quant Type: ESTD
Cal Date : 01-JUN-2010 07:39 Cal File: 9060101.d
Als bottle: 1
Dil Factor: 1.99000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

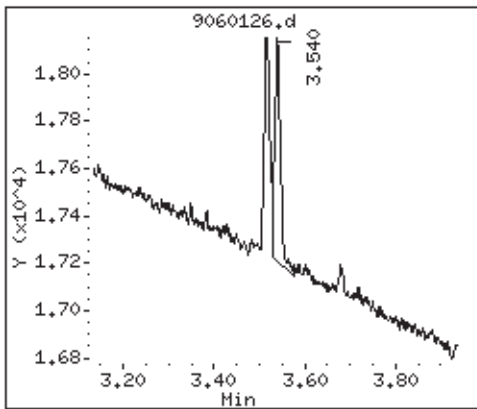
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

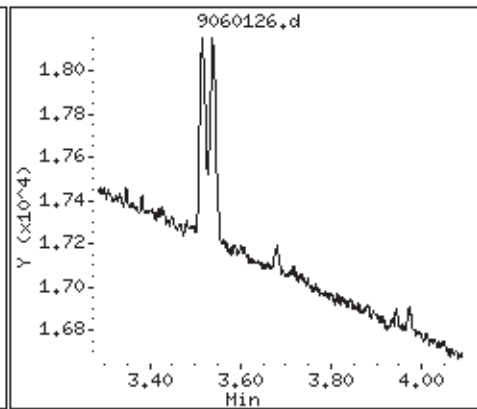
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
2 Methane				Compound Not Detected.		
3 ethane				Compound Not Detected.		
4 ethene				Compound Not Detected.		
5 propane				Compound Not Detected.		
7 acetylene				Compound Not Detected.		
8 iso-butane				Compound Not Detected.		
10 n-butane				Compound Not Detected.		
15 neo-pentane				Compound Not Detected.		
16 isopentane				Compound Not Detected.		
17 pentane				Compound Not Detected.		
M 37 C6+ Hydrocarbons				Compound Not Detected.		
S 22 c6-c7				Compound Not Detected.		
S 36 c8+				Compound Not Detected.		



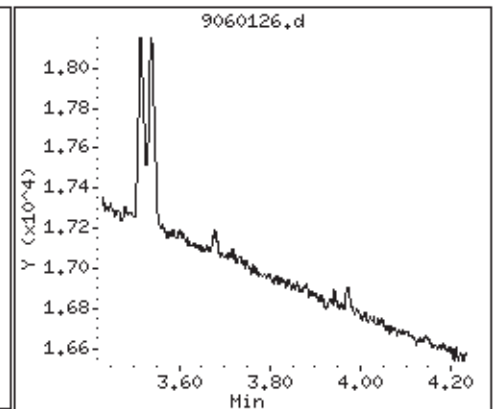
2 Methane (Undetected)



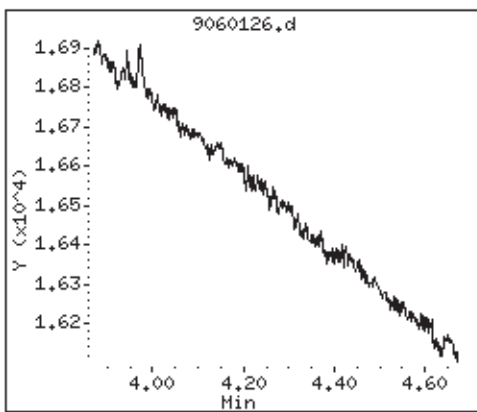
3 ethane (Undetected)



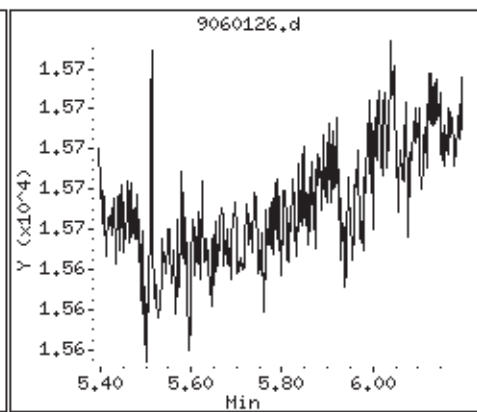
4 ethene (Undetected)



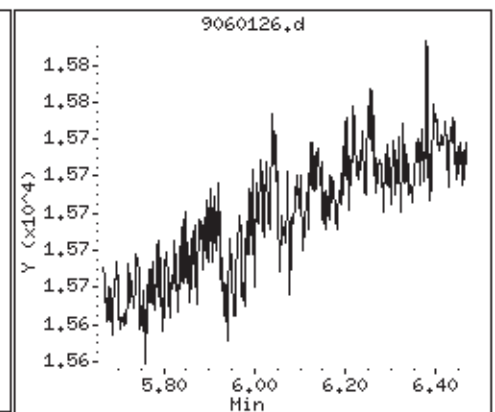
5 propane (Undetected)



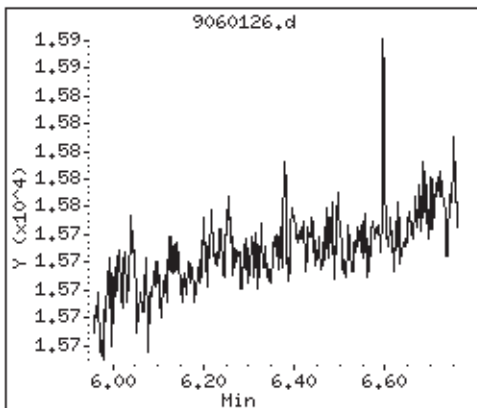
7 acetylene (Undetected)



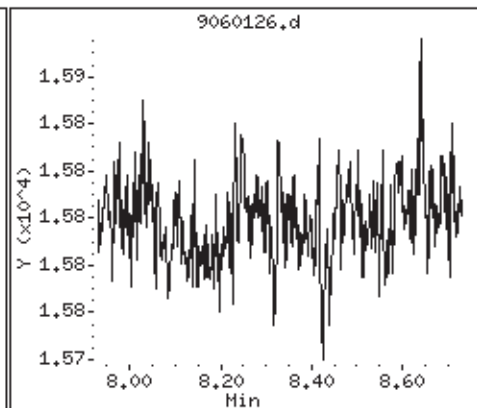
8 iso-butane (Undetected)



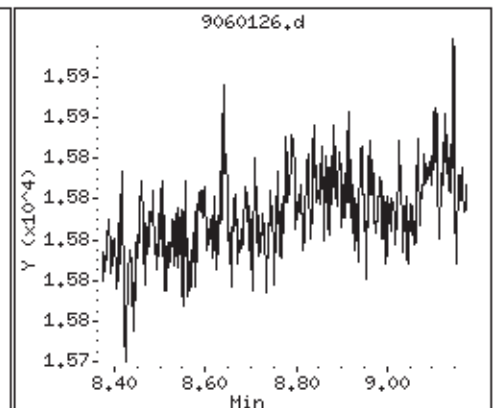
10 n-butane (Undetected)



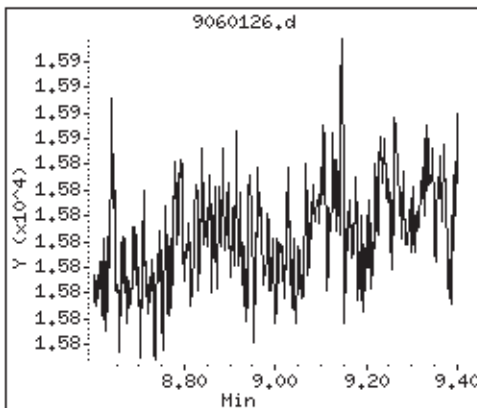
15 neo-pentane (Undetected)



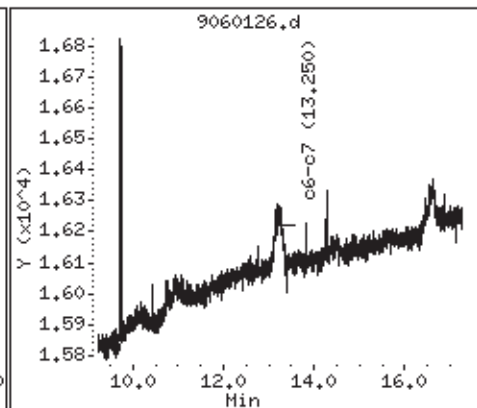
16 isopentane (Undetected)



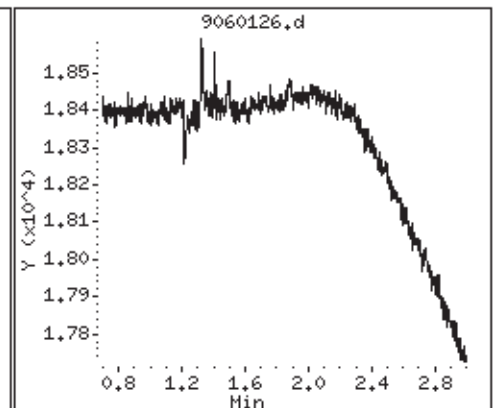
17 pentane (Undetected)



S 22 c6-c7 (Undetected)



S 36 c8+ (Undetected)



Air Toxics Ltd.

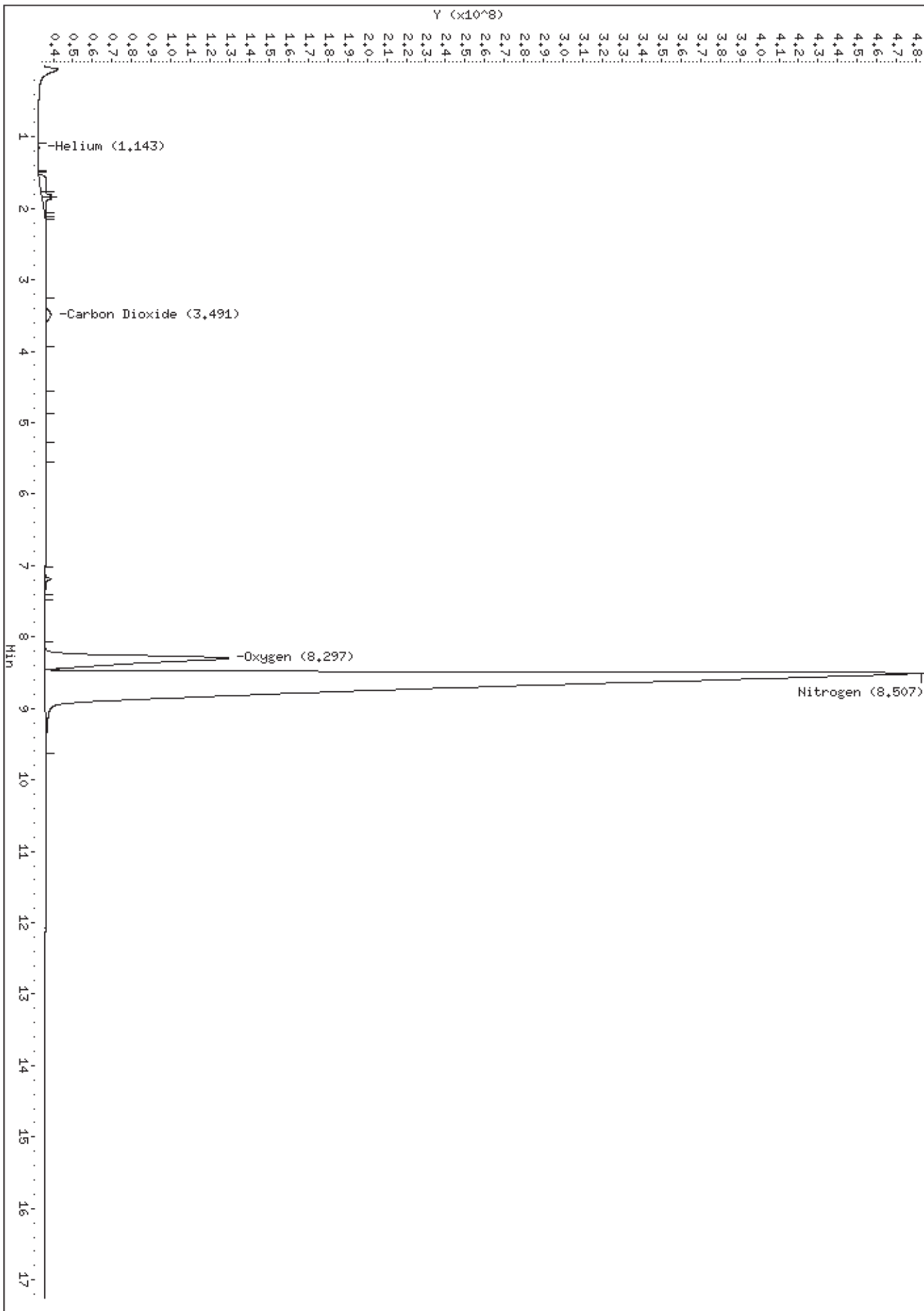
Modified ASTM D-1945

Data file : /chem/gc9.i/01Jun2010.b/9060126b.d
Lab Smp Id: 1005453B-14A
Inj Date : 01-JUN-2010 21:25
Operator : gd Inst ID: gc9.i
Smp Info : 1.0mL,34371;1005453B-14A;
Misc Info : 9.8"Hg->5psi
Comment : GC/TCD
Method : /chem/gc9.i/01Jun2010.b/910n0430.m/910C0417.m
Meth Date : 01-Jun-2010 17:45 lyohanne Quant Type: ESTD
Cal Date : 01-JUN-2010 17:29 Cal File: 9060118b.d
Als bottle: 1
Dil Factor: 1.99000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

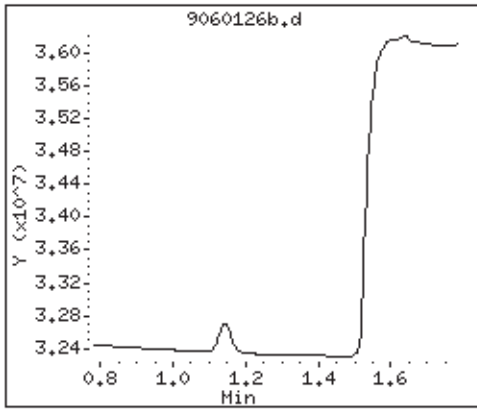
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

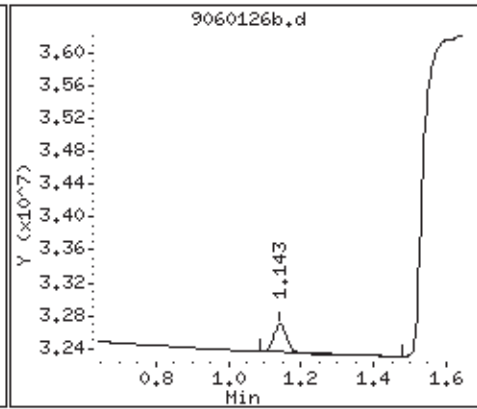
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
2 Hydrogen				Compound Not Detected.		
1 Helium	1.143	1.143	0.000	4076694	0.06185	0.123
3 Carbon Dioxide	3.491	3.375	0.116	119107981	0.23430	0.466
9 Oxygen	8.297	8.336	-0.039	3323734581	10.6571	21.2
10 Nitrogen	8.507	8.549	-0.042	30085419012	88.4532	176
12 Carbon Monoxide				Compound Not Detected.		



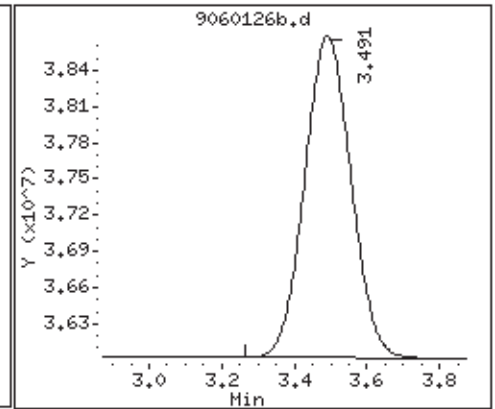
2 Hydrogen (Undetected)



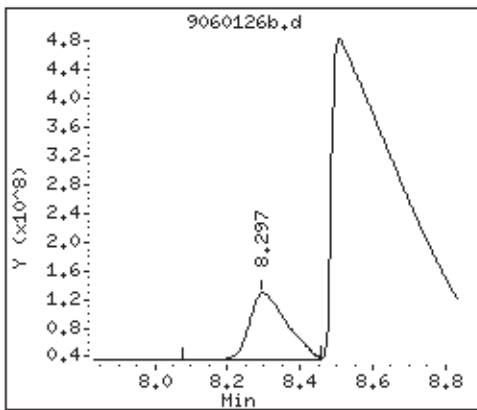
1 Helium



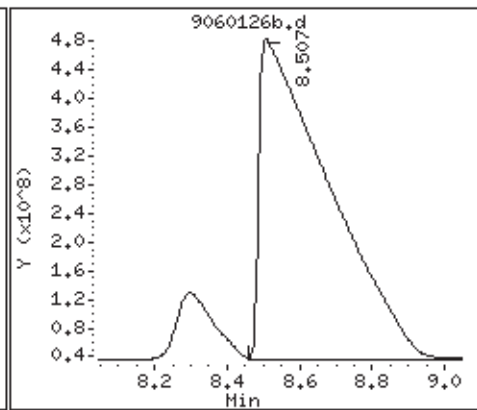
3 Carbon Dioxide



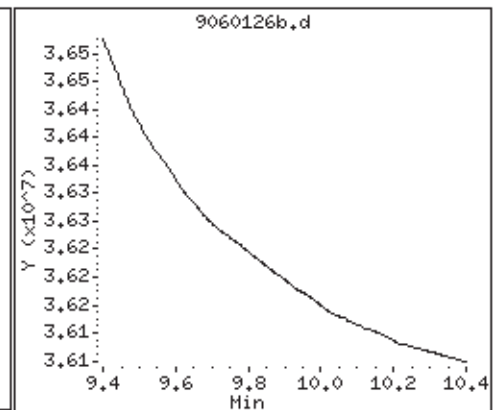
9 Oxygen



10 Nitrogen



12 Carbon Monoxide (Undete





Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

Client Sample ID: GV-6

Lab ID#: 1005453B-15A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.20	21
Nitrogen	0.20	78
Carbon Dioxide	0.020	0.28
Helium	0.10	0.35

Client Sample ID: GV-6

Lab ID#: 1005453B-15A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9060127	Date of Collection: 5/16/10 12:17:00 PM
Dil. Factor:	2.01	Date of Analysis: 6/1/10 09:47 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.20	21
Nitrogen	0.20	78
Carbon Monoxide	0.020	Not Detected
Methane	0.00020	Not Detected
Carbon Dioxide	0.020	0.28
Ethane	0.0020	Not Detected
Ethene	0.0020	Not Detected
Acetylene	0.0020	Not Detected
Propane	0.0020	Not Detected
Isobutane	0.0020	Not Detected
Butane	0.0020	Not Detected
Neopentane	0.0020	Not Detected
Isopentane	0.0020	Not Detected
Pentane	0.0020	Not Detected
C6+	0.020	Not Detected
Hydrogen	0.020	Not Detected
Helium	0.10	0.35

Container Type: 6 Liter Summa Canister

Air Toxics Ltd.

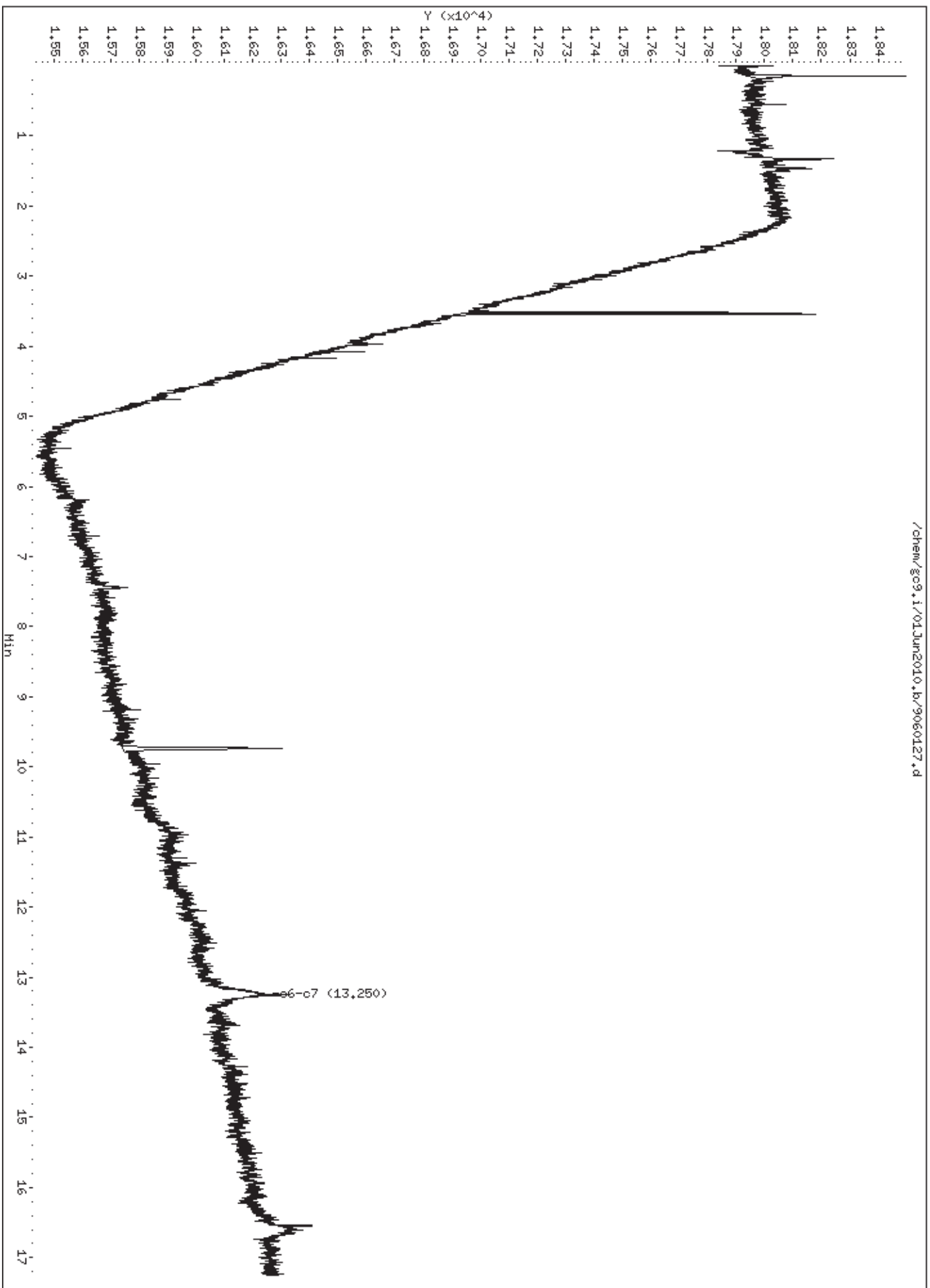
Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/01Jun2010.b/9060127.d
Lab Smp Id: 1005453B-15A
Inj Date : 01-JUN-2010 21:47
Operator : gd Inst ID: gc9.i
Smp Info : 1.0mL,4188
Misc Info : 10"Hg->5psi
Comment : GC FID
Method : /chem/gc9.i/01Jun2010.b/910n0430.m
Meth Date : 01-Jun-2010 08:01 lyohanne Quant Type: ESTD
Cal Date : 01-JUN-2010 07:39 Cal File: 9060101.d
Als bottle: 1
Dil Factor: 2.01000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

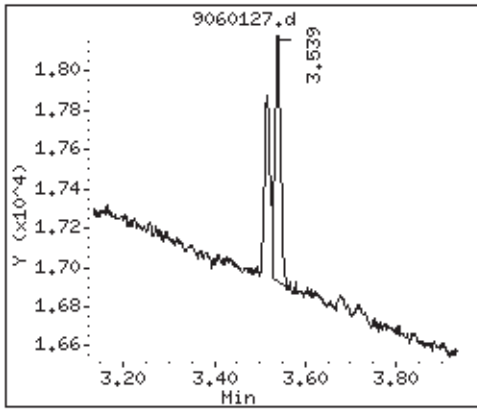
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

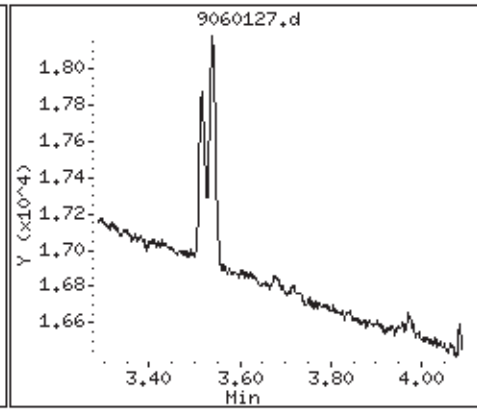
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
=====	==	=====	=====	=====	=====	
2 Methane				Compound Not Detected.		
3 ethane				Compound Not Detected.		
4 ethene				Compound Not Detected.		
5 propane				Compound Not Detected.		
7 acetylene				Compound Not Detected.		
8 iso-butane				Compound Not Detected.		
10 n-butane				Compound Not Detected.		
15 neo-pentane				Compound Not Detected.		
16 isopentane				Compound Not Detected.		
17 pentane				Compound Not Detected.		
M 37 C6+ Hydrocarbons				Compound Not Detected.		
S 22 c6-c7				Compound Not Detected.		
S 36 c8+				Compound Not Detected.		



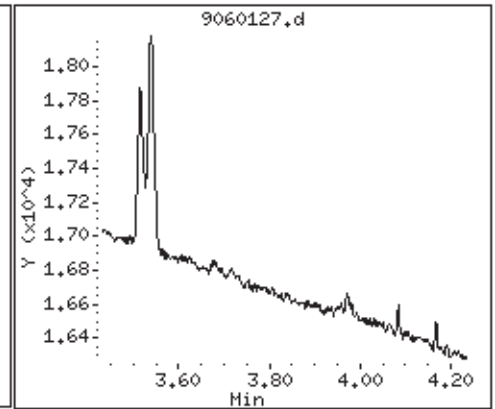
2 Methane (Undetected)



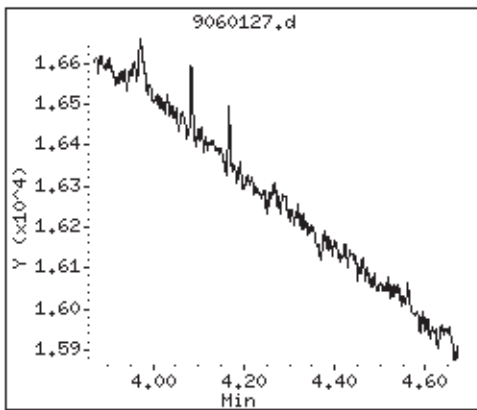
3 ethane (Undetected)



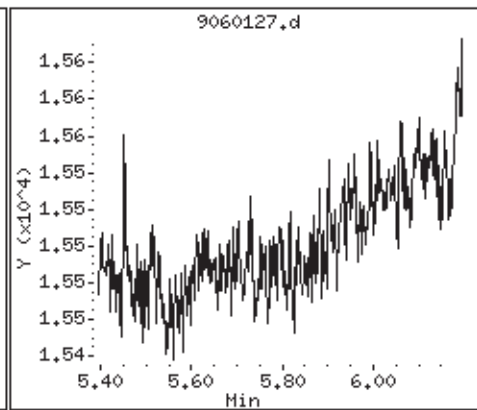
4 ethene (Undetected)



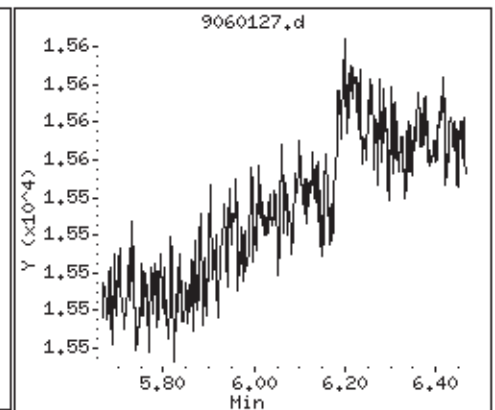
5 propane (Undetected)



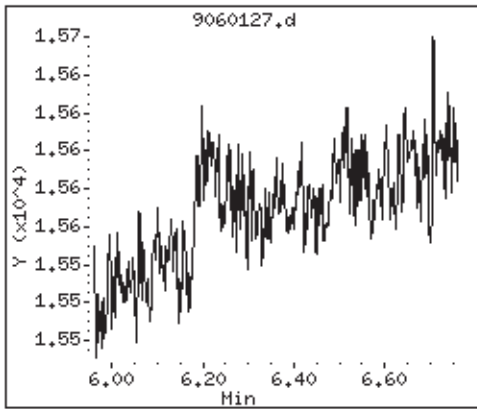
7 acetylene (Undetected)



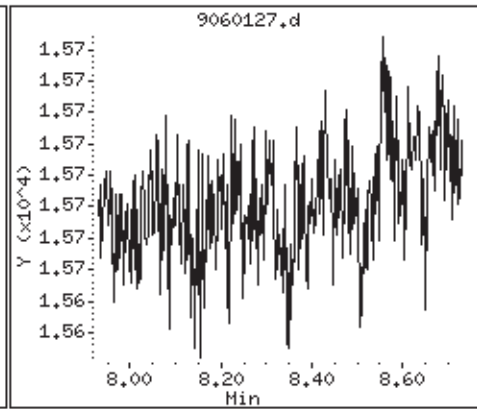
8 iso-butane (Undetected)



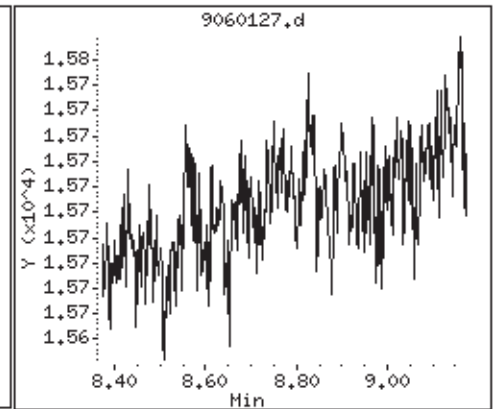
10 n-butane (Undetected)



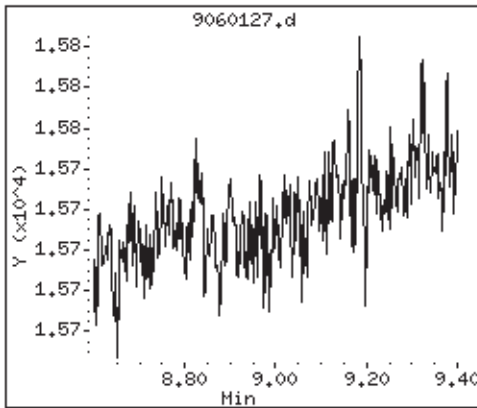
15 neo-pentane (Undetected)



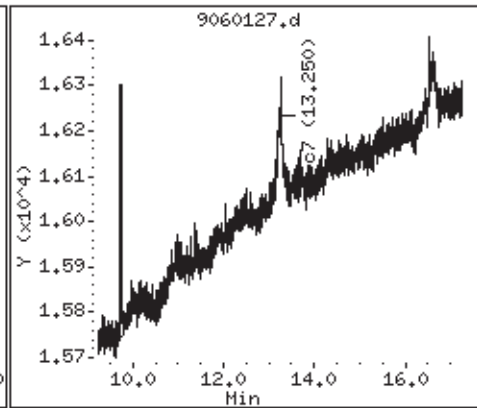
16 isopentane (Undetected)



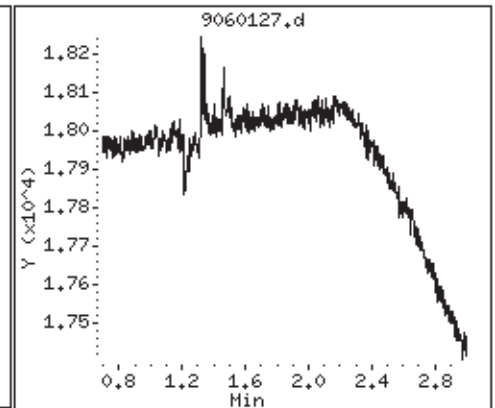
17 pentane (Undetected)



S 22 c6-c7 (Undetected)



S 36 c8+ (Undetected)



Air Toxics Ltd.

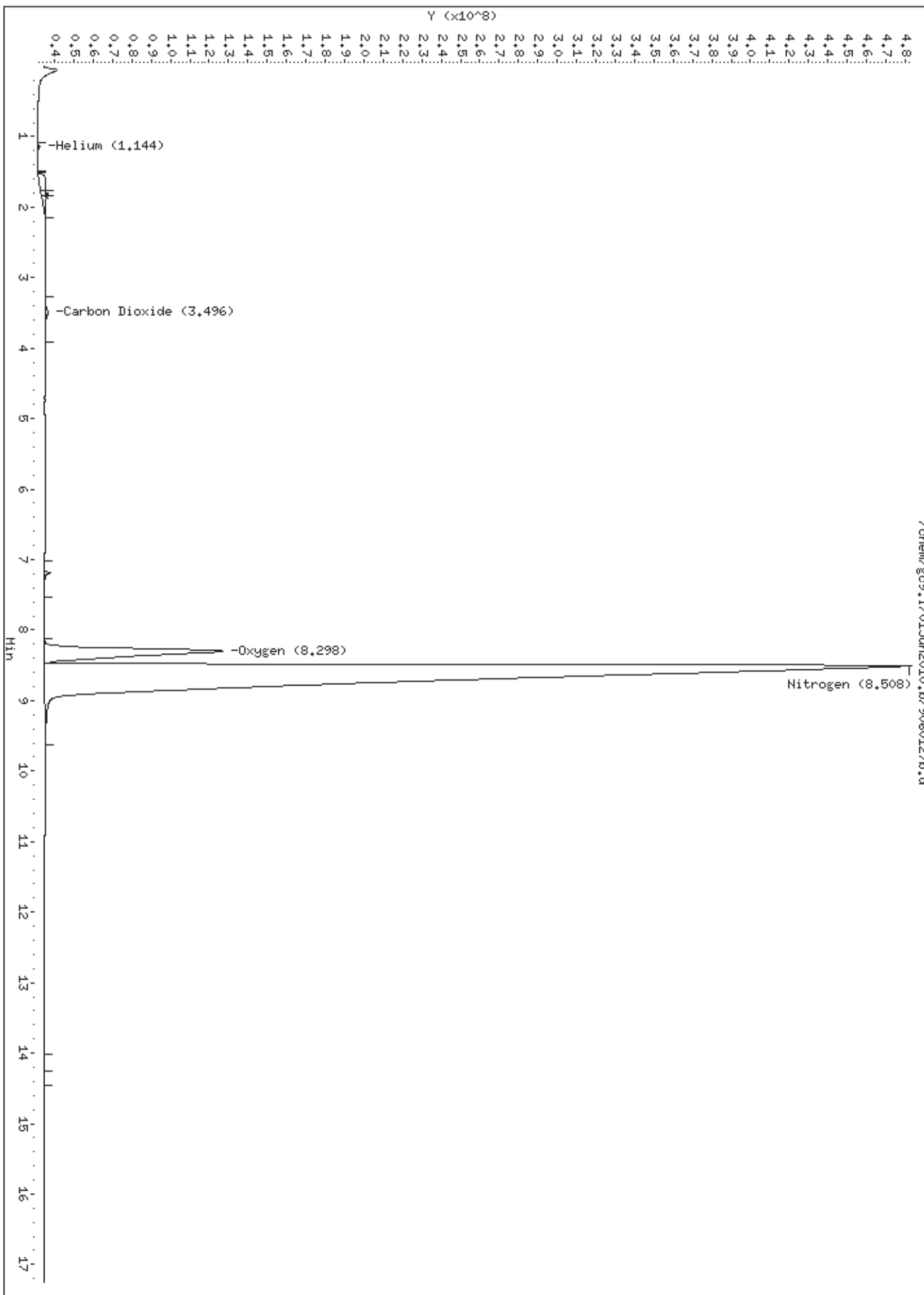
Modified ASTM D-1945

Data file : /chem/gc9.i/01Jun2010.b/9060127b.d
Lab Smp Id: 1005453B-15A
Inj Date : 01-JUN-2010 21:47
Operator : gd Inst ID: gc9.i
Smp Info : 1.0mL,4188;1005453B-15A;
Misc Info : 10"Hg->5psi
Comment : GC/TCD
Method : /chem/gc9.i/01Jun2010.b/910n0430.m/910C0417.m
Meth Date : 01-Jun-2010 17:45 lyohanne Quant Type: ESTD
Cal Date : 01-JUN-2010 17:29 Cal File: 9060118b.d
Als bottle: 1
Dil Factor: 2.01000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

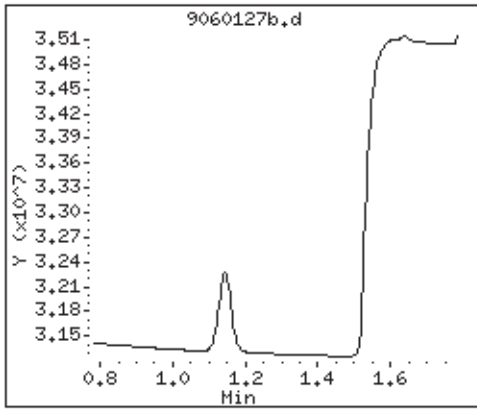
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

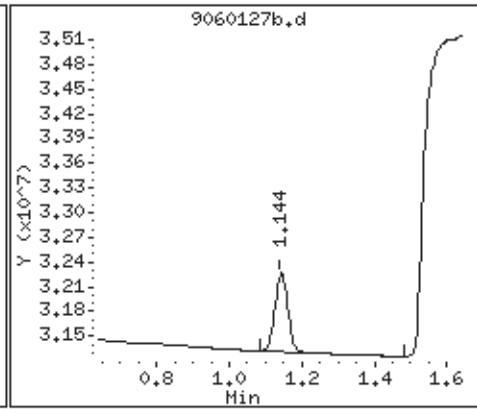
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
2 Hydrogen				Compound Not Detected.		
1 Helium	1.144	1.143	0.001	11397918	0.17293	0.348
3 Carbon Dioxide	3.496	3.375	0.121	69645269	0.13700	0.275
9 Oxygen	8.298	8.336	-0.038	3270579494	10.4866	21.1
10 Nitrogen	8.508	8.549	-0.041	30132075114	88.5904	178
12 Carbon Monoxide				Compound Not Detected.		



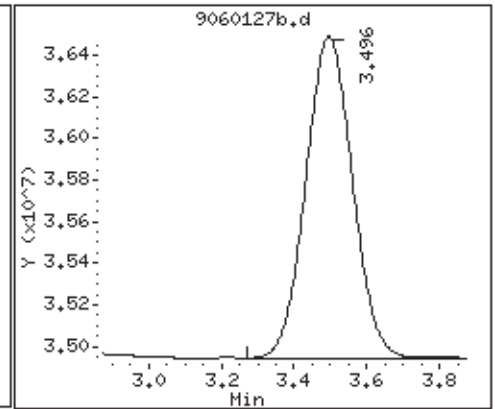
2 Hydrogen (Undetected)



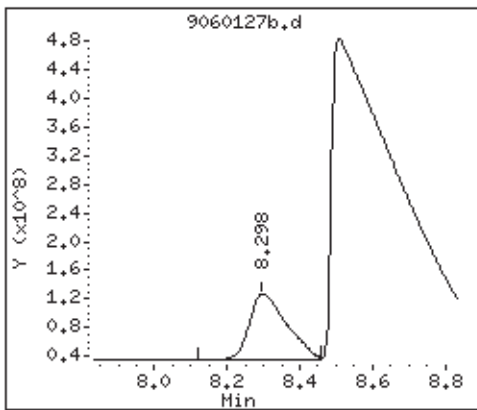
1 Helium



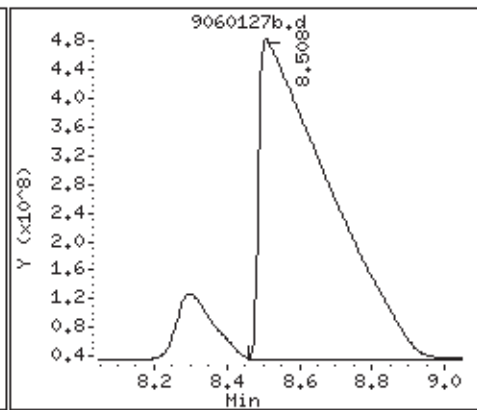
3 Carbon Dioxide



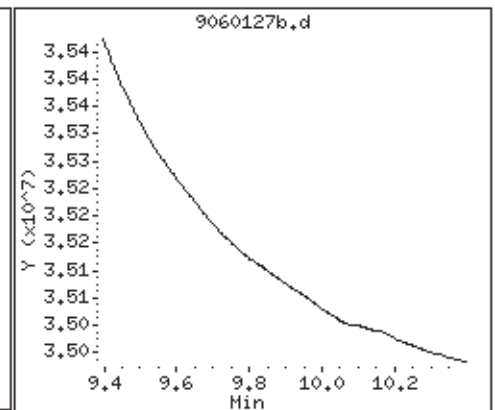
9 Oxygen



10 Nitrogen



12 Carbon Monoxide (Undete





Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

Client Sample ID: GV-7

Lab ID#: 1005453B-16A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.19	21
Nitrogen	0.19	78
Carbon Dioxide	0.019	0.26
Helium	0.095	0.20

Client Sample ID: GV-7

Lab ID#: 1005453B-16A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9060128	Date of Collection: 5/16/10 12:54:00 PM
Dil. Factor:	1.90	Date of Analysis: 6/1/10 10:10 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.19	21
Nitrogen	0.19	78
Carbon Monoxide	0.019	Not Detected
Methane	0.00019	Not Detected
Carbon Dioxide	0.019	0.26
Ethane	0.0019	Not Detected
Ethene	0.0019	Not Detected
Acetylene	0.0019	Not Detected
Propane	0.0019	Not Detected
Isobutane	0.0019	Not Detected
Butane	0.0019	Not Detected
Neopentane	0.0019	Not Detected
Isopentane	0.0019	Not Detected
Pentane	0.0019	Not Detected
C6+	0.019	Not Detected
Hydrogen	0.019	Not Detected
Helium	0.095	0.20

Container Type: 6 Liter Summa Canister

Air Toxics Ltd.

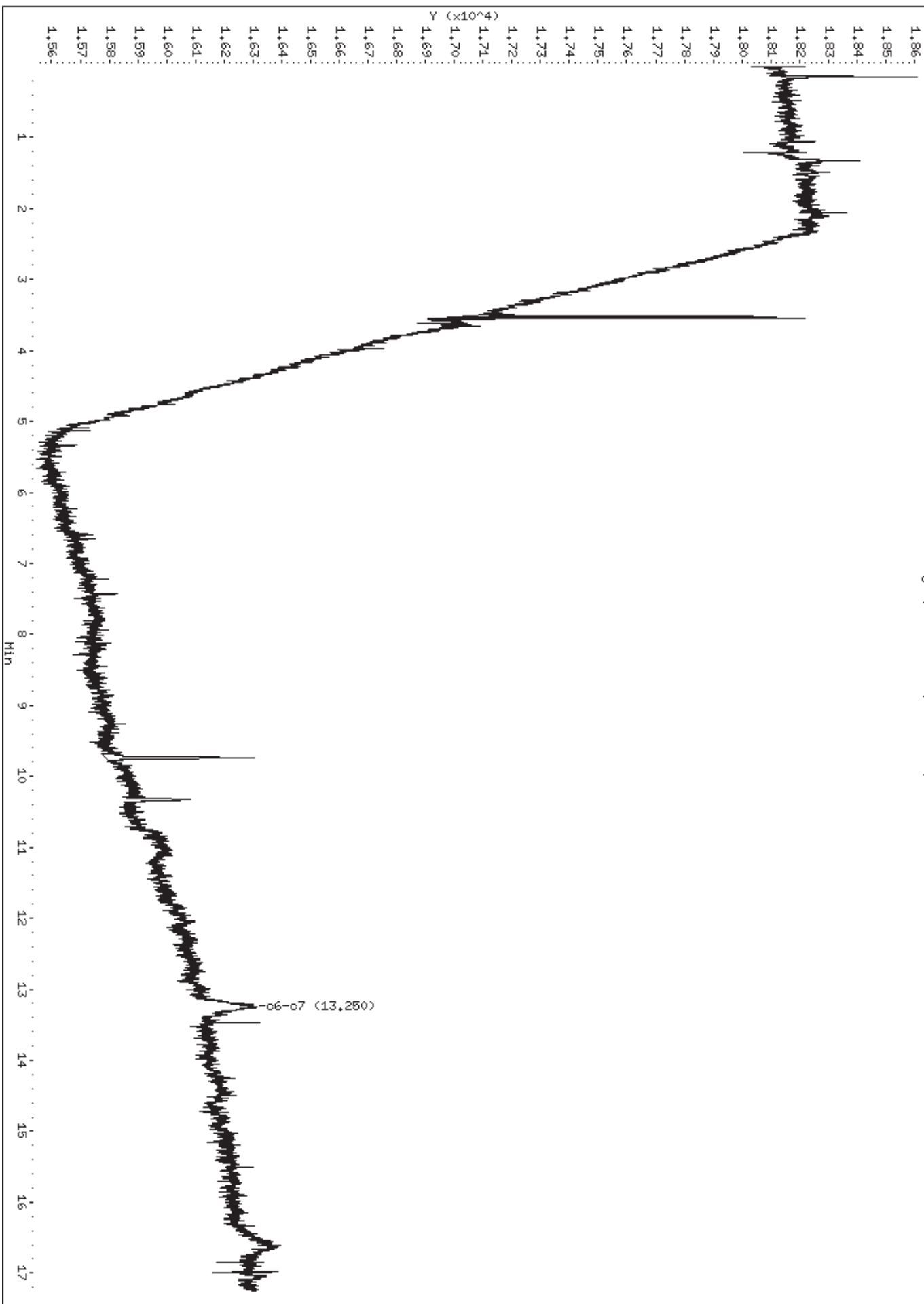
Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/01Jun2010.b/9060128.d
Lab Smp Id: 1005453B-16A
Inj Date : 01-JUN-2010 22:10
Operator : gd Inst ID: gc9.i
Smp Info : 1.0mL,35170
Misc Info : 8.8"Hg->5psi
Comment : GC FID
Method : /chem/gc9.i/01Jun2010.b/910n0430.m
Meth Date : 01-Jun-2010 08:01 lyohanne Quant Type: ESTD
Cal Date : 01-JUN-2010 07:39 Cal File: 9060101.d
Als bottle: 1
Dil Factor: 1.90000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

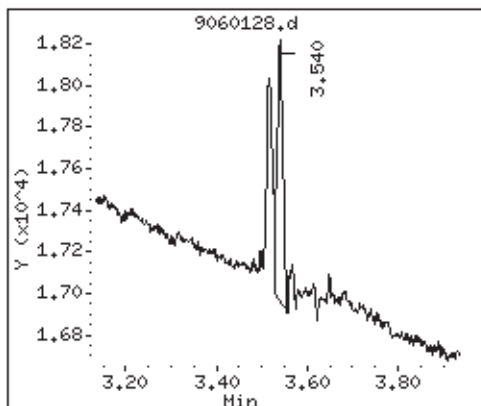
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

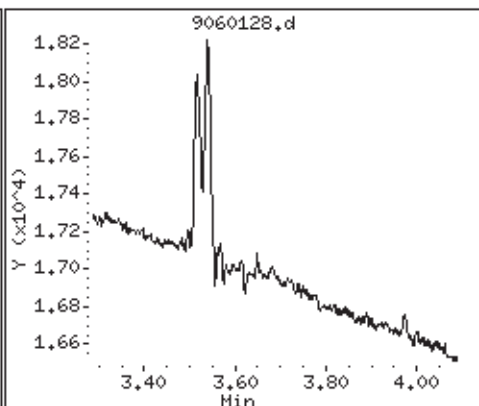
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
2 Methane						
3 ethane						
4 ethene						
5 propane						
7 acetylene						
8 iso-butane						
10 n-butane						
15 neo-pentane						
16 isopentane						
17 pentane						
M 37 C6+ Hydrocarbons						
S 22 c6-c7						
S 36 c8+						



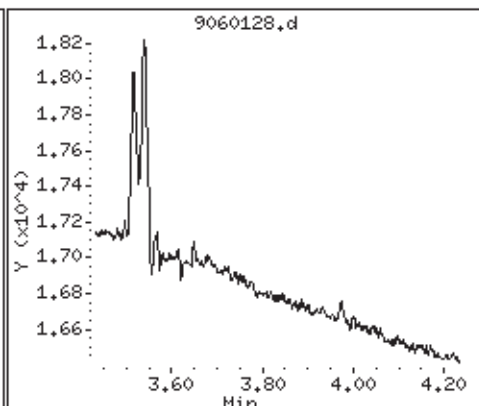
2 Methane (Undetected)



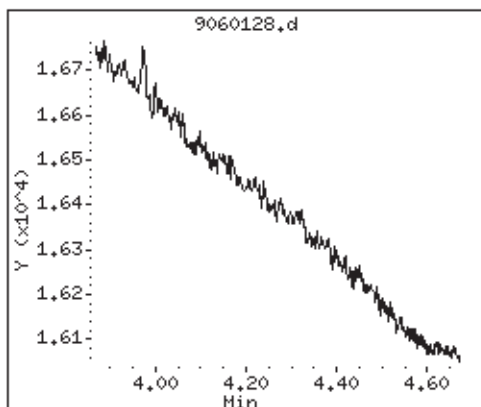
3 ethane (Undetected)



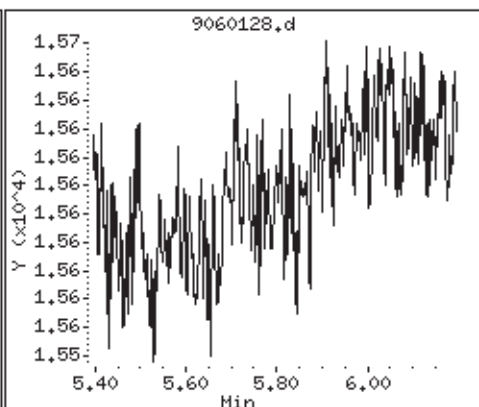
4 ethene (Undetected)



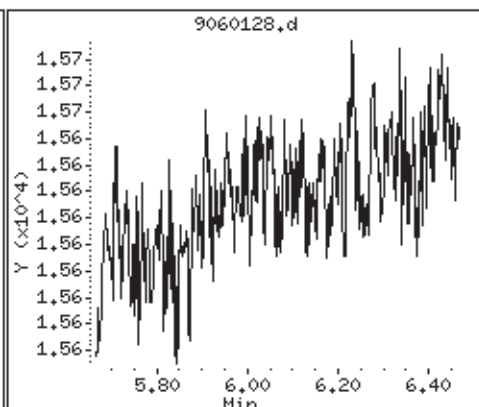
5 propane (Undetected)



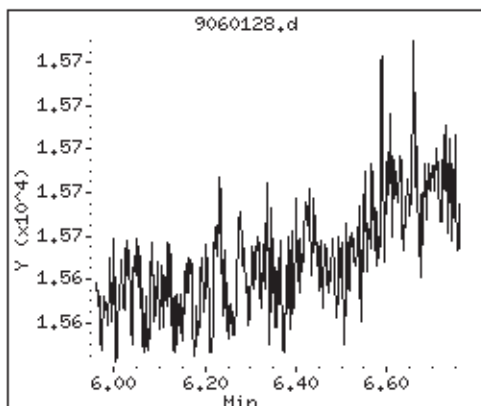
7 acetylene (Undetected)



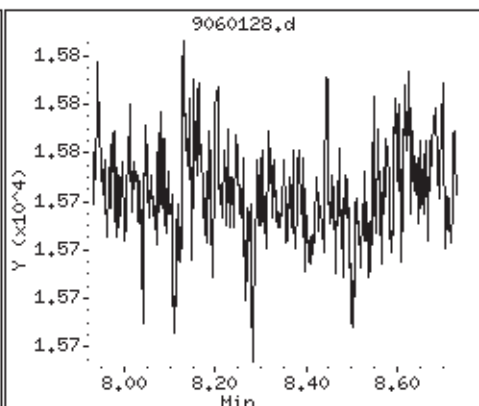
8 iso-butane (Undetected)



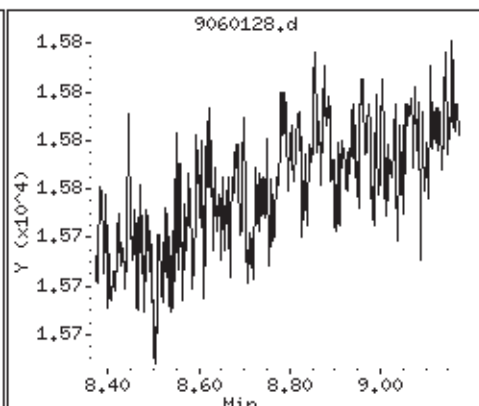
10 n-butane (Undetected)



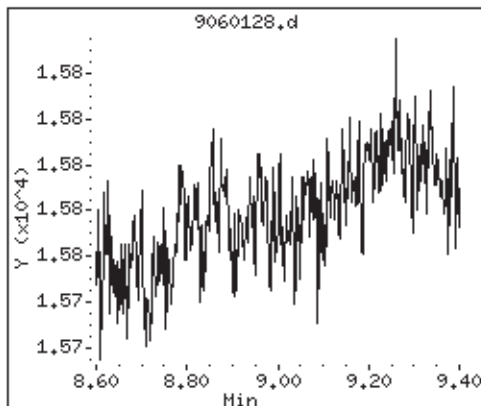
15 neo-pentane (Undetected)



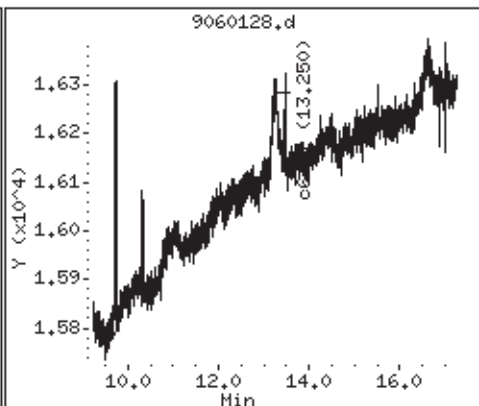
16 isopentane (Undetected)



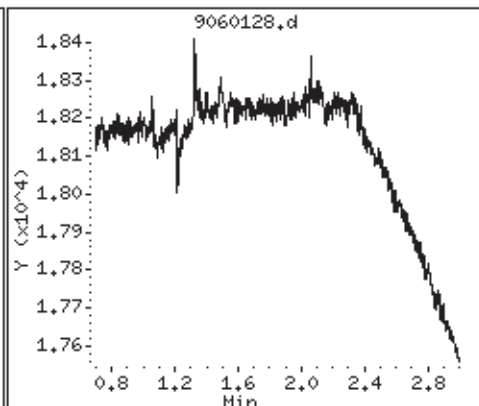
17 pentane (Undetected)



S 22 c6-c7 (Undetected)



S 36 c8+ (Undetected)



Air Toxics Ltd.

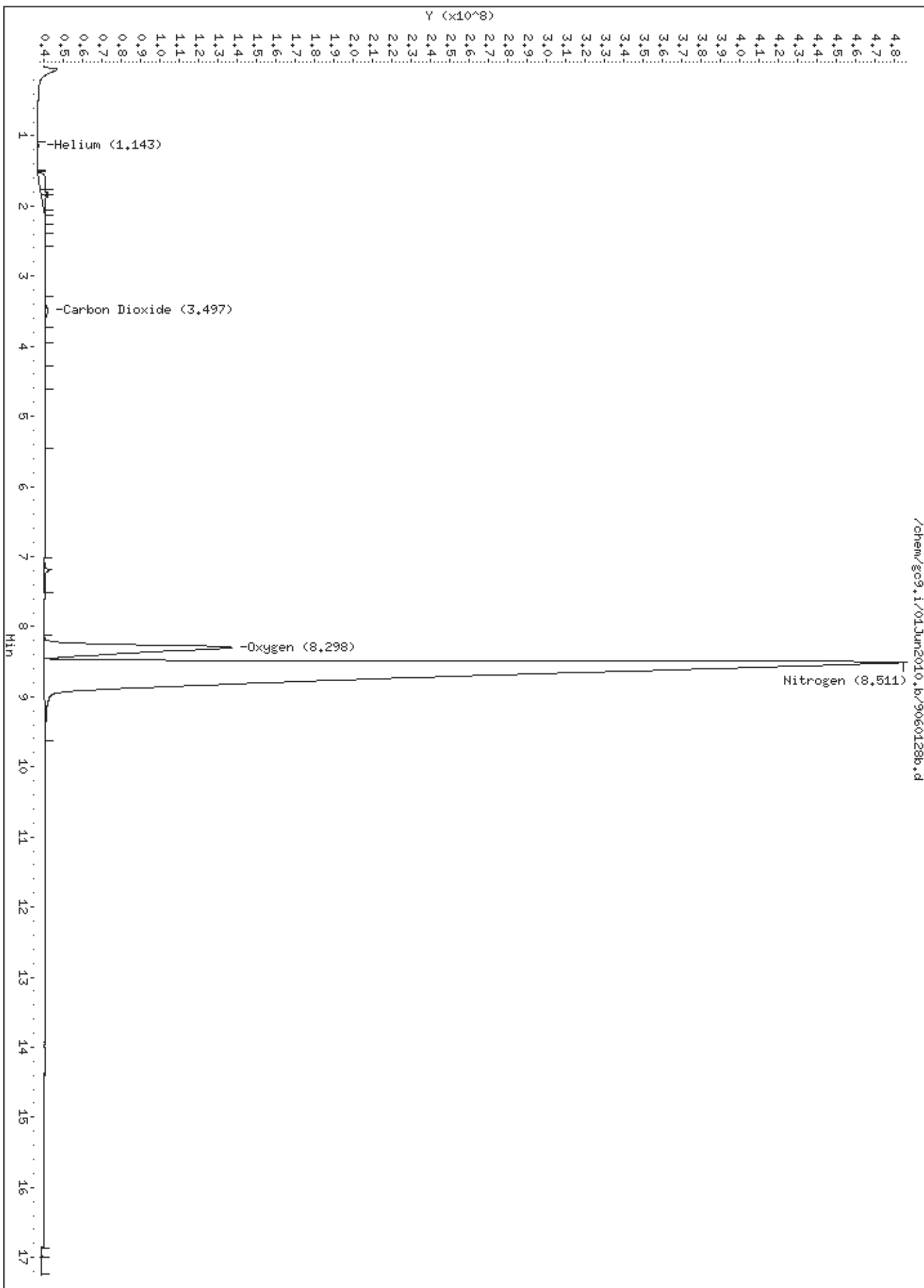
Modified ASTM D-1945

Data file : /chem/gc9.i/01Jun2010.b/9060128b.d
Lab Smp Id: 1005453B-16A
Inj Date : 01-JUN-2010 22:10
Operator : gd Inst ID: gc9.i
Smp Info : 1.0mL,35170;1005453B-16A;
Misc Info : 8.8"Hg->5psi
Comment : GC/TCD
Method : /chem/gc9.i/01Jun2010.b/910n0430.m/910C0417.m
Meth Date : 01-Jun-2010 17:45 lyohanne Quant Type: ESTD
Cal Date : 01-JUN-2010 17:29 Cal File: 9060118b.d
Als bottle: 1
Dil Factor: 1.90000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

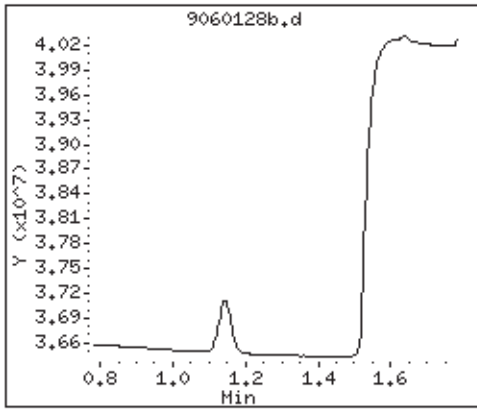
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

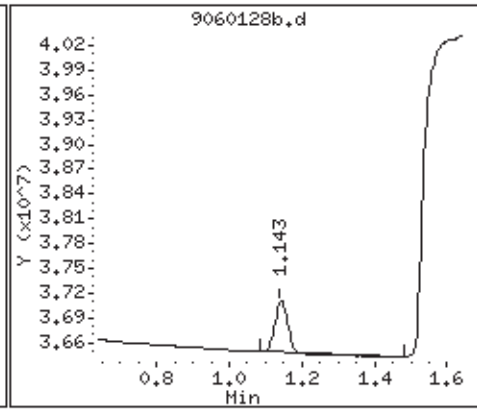
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
2 Hydrogen				Compound Not Detected.		
1 Helium	1.143	1.143	0.000	7082325	0.10745	0.204
3 Carbon Dioxide	3.497	3.375	0.122	70656038	0.13899	0.264
9 Oxygen	8.298	8.336	-0.038	3448998131	11.0587	21.0
10 Nitrogen	8.511	8.549	-0.038	29951975026	88.0609	167
12 Carbon Monoxide				Compound Not Detected.		



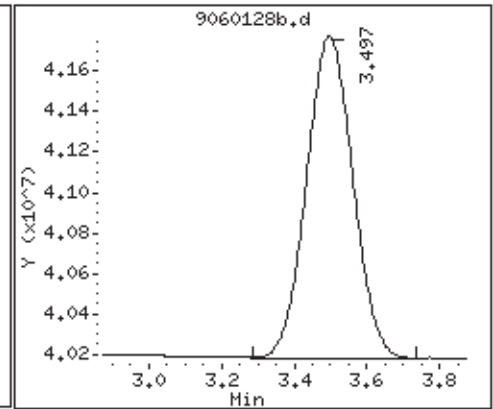
2 Hydrogen (Undetected)



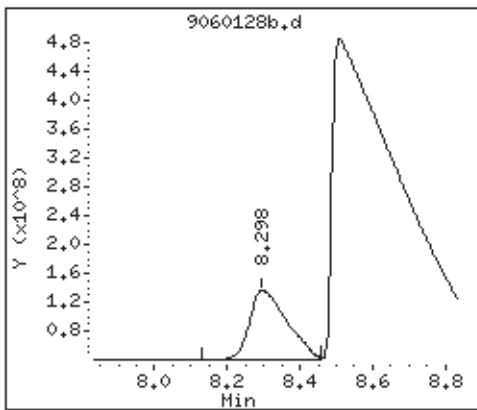
1 Helium



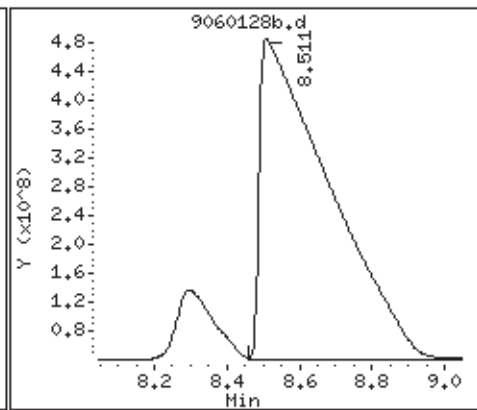
3 Carbon Dioxide



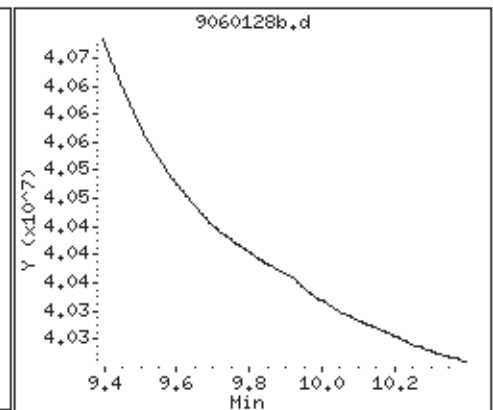
9 Oxygen



10 Nitrogen



12 Carbon Monoxide (Undete



QC Results and Raw Data



Client Sample ID: Lab Blank

Lab ID#: 1005453B-17A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9060104	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	6/1/10 09:35 AM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	Not Detected
Nitrogen	0.10	Not Detected
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected
Acetylene	0.0010	Not Detected
Propane	0.0010	Not Detected
Isobutane	0.0010	Not Detected
Butane	0.0010	Not Detected
Neopentane	0.0010	Not Detected
Isopentane	0.0010	Not Detected
Pentane	0.0010	Not Detected
C6+	0.010	Not Detected

Container Type: NA - Not Applicable

Air Toxics Ltd.

Modified ASTM-1945 Analysis

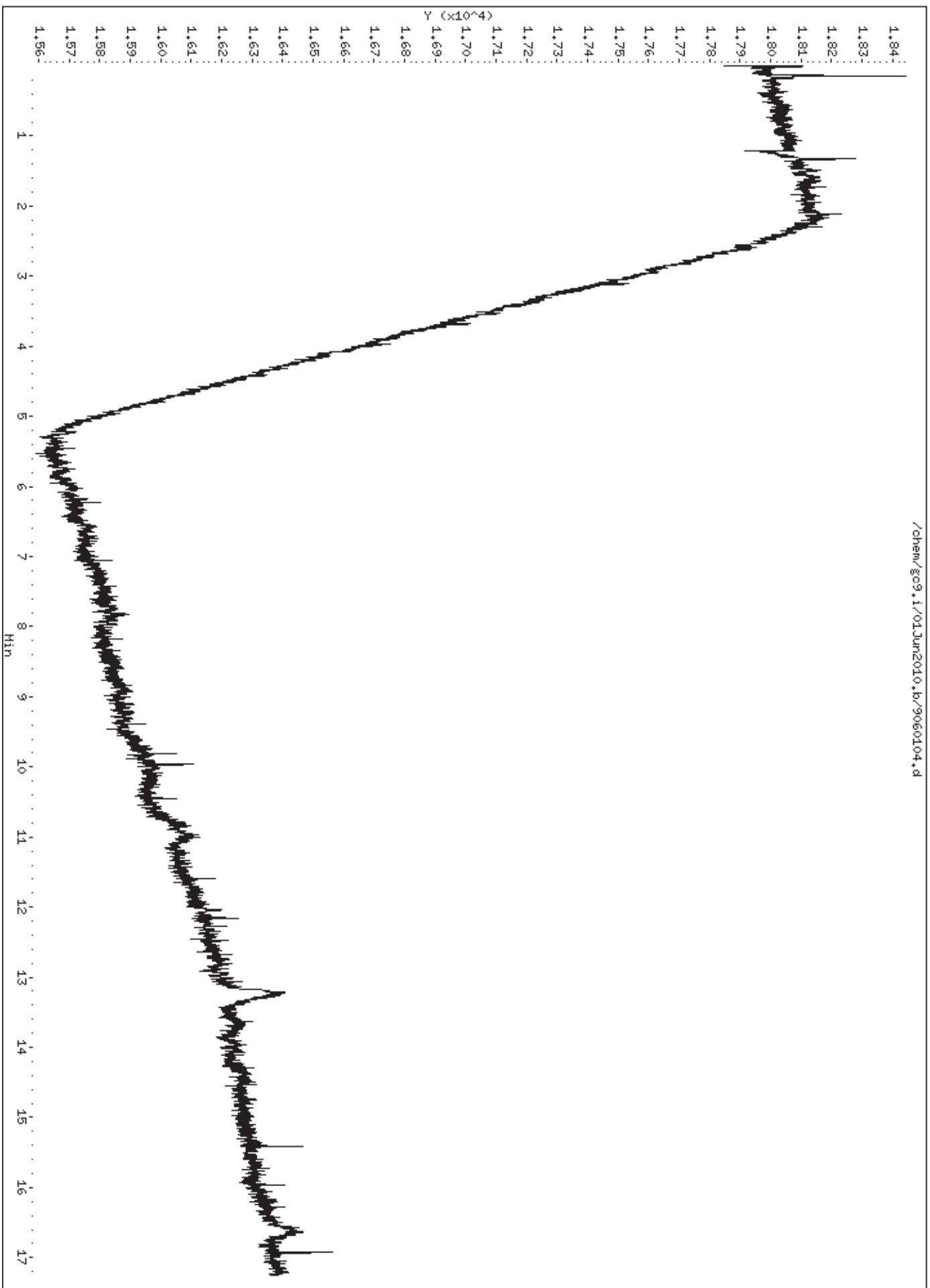
Data file : /chem/gc9.i/01Jun2010.b/9060104.d
Lab Smp Id: He Lab Blank Client Smp ID: Lab Blank
Inj Date : 01-JUN-2010 09:35
Operator : ly Inst ID: gc9.i
Smp Info : 1.0mL,14014;He Lab Blank;Lab Blank;
Misc Info : He
Comment : GC FID
Method : /chem/gc9.i/01Jun2010.b/910n0430.m
Meth Date : 01-Jun-2010 08:01 lyohanne Quant Type: ESTD
Cal Date : 01-JUN-2010 07:39 Cal File: 9060101.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

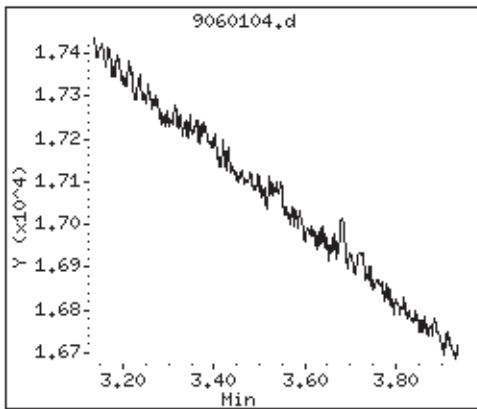
Cpnd Variable

Local Compound Variable

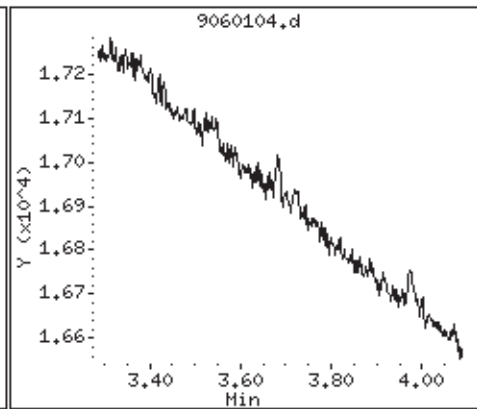
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
=====	==	=====	=====	=====	=====	
2 Methane				Compound Not Detected.		
3 ethane				Compound Not Detected.		
4 ethene				Compound Not Detected.		
5 propane				Compound Not Detected.		
7 acetylene				Compound Not Detected.		
8 iso-butane				Compound Not Detected.		
10 n-butane				Compound Not Detected.		
15 neo-pentane				Compound Not Detected.		
16 isopentane				Compound Not Detected.		
17 pentane				Compound Not Detected.		
M 37 C6+ Hydrocarbons				Compound Not Detected.		
S 22 c6-c7				Compound Not Detected.		
S 36 c8+				Compound Not Detected.		



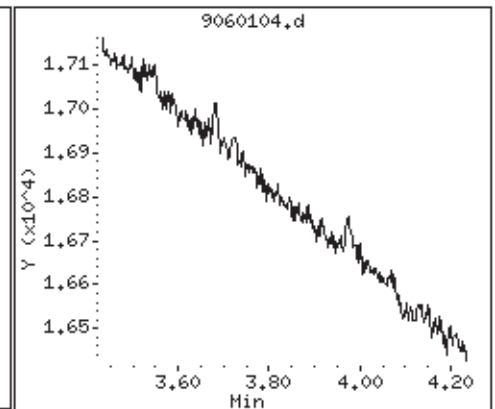
2 Methane (Undetected)



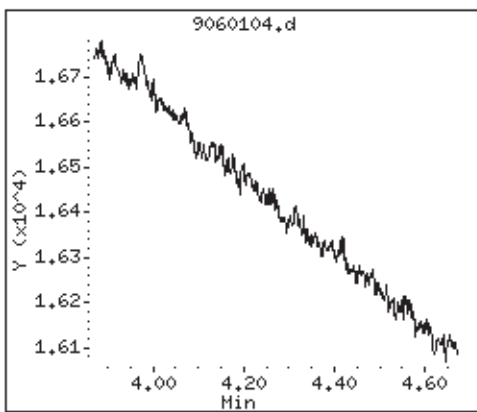
3 ethane (Undetected)



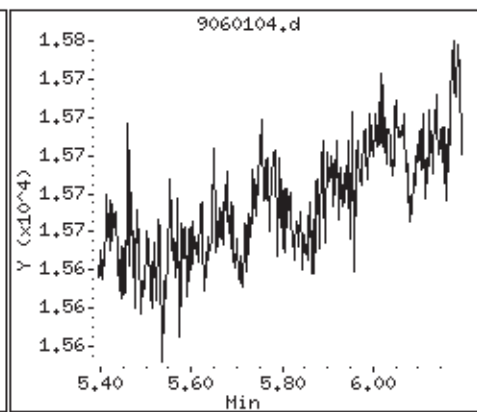
4 ethene (Undetected)



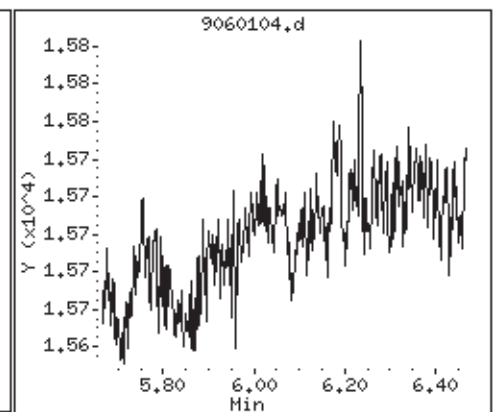
5 propane (Undetected)



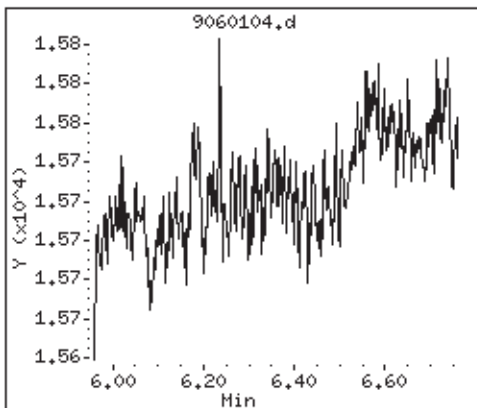
7 acetylene (Undetected)



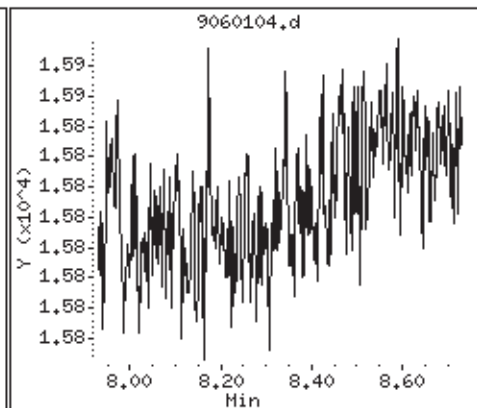
8 iso-butane (Undetected)



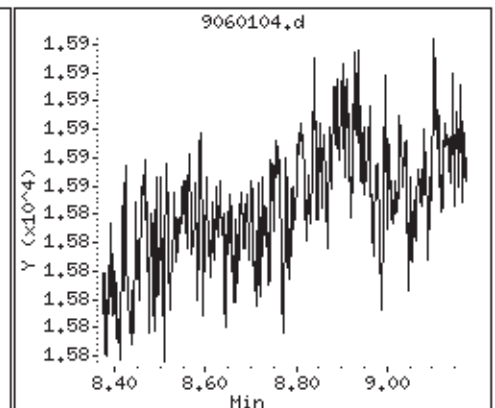
10 n-butane (Undetected)



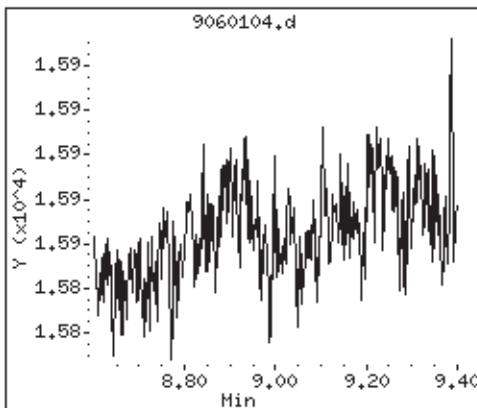
15 neo-pentane (Undetected)



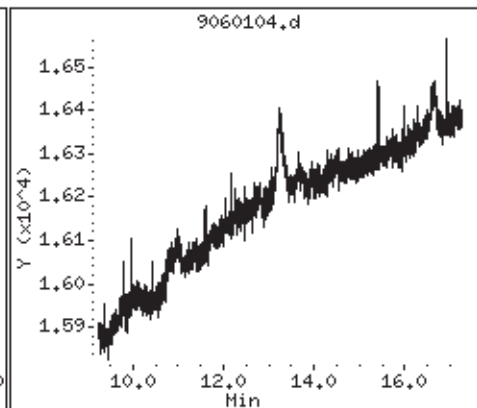
16 isopentane (Undetected)



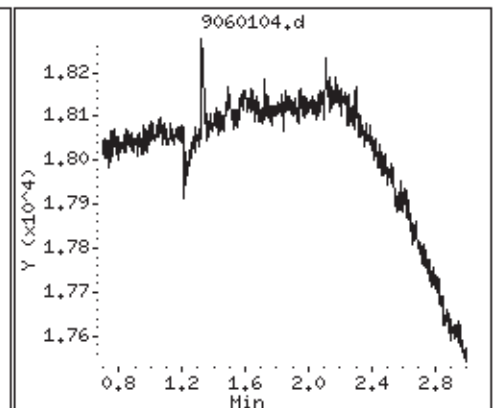
17 pentane (Undetected)



S 22 c6-c7 (Undetected)



S 36 c8+ (Undetected)



Air Toxics Ltd.

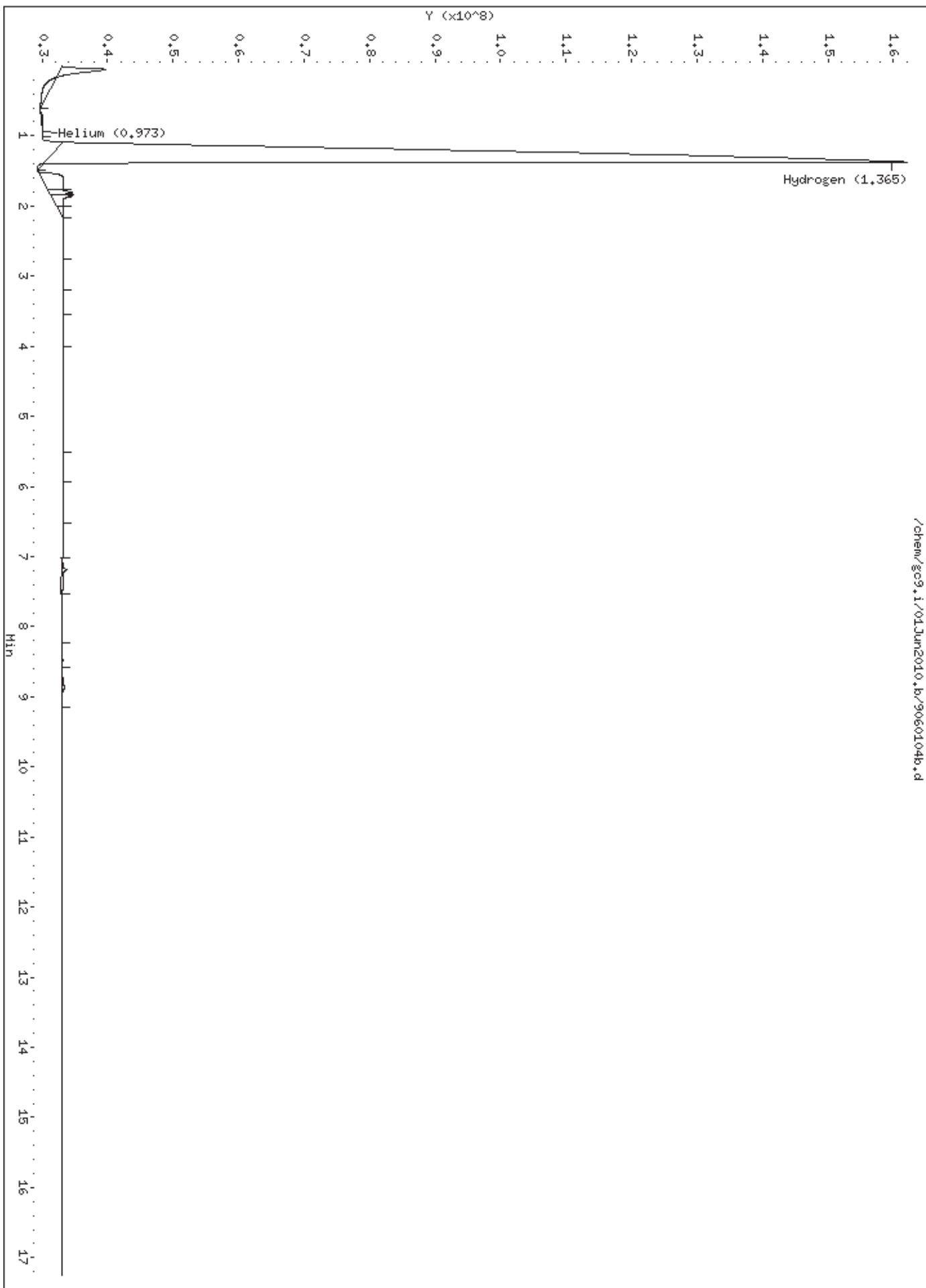
Modified ASTM D-1945

Data file : /chem/gc9.i/01Jun2010.b/9060104b.d
Lab Smp Id: He Lab Blank Client Smp ID: Lab Blank
Inj Date : 01-JUN-2010 09:35
Operator : ly Inst ID: gc9.i
Smp Info : 1.0mL,14014;He Lab Blank;Lab Blank;
Misc Info : He
Comment : GC/TCD
Method : /chem/gc9.i/01Jun2010.b/910n0430.m/910C0417.m
Meth Date : 01-Jun-2010 08:01 lyohanne Quant Type: ESTD
Cal Date : 01-JUN-2010 07:39 Cal File: 9060101b.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ngas-H2He.sub
Target Version: 3.50
Processing Host: eeyore

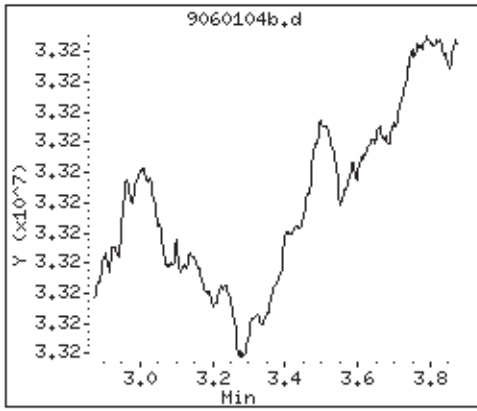
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

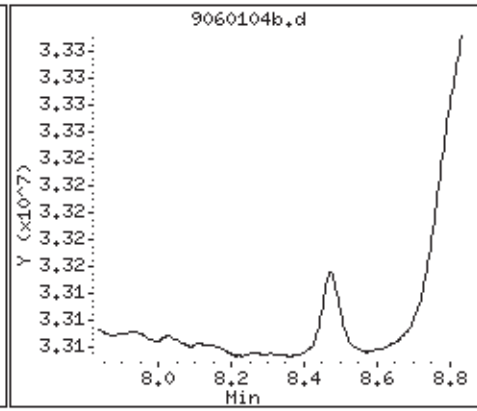
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
3 Carbon Dioxide				Compound Not Detected.		
9 Oxygen				Compound Not Detected.		
10 Nitrogen				Compound Not Detected.		
12 Carbon Monoxide				Compound Not Detected.		



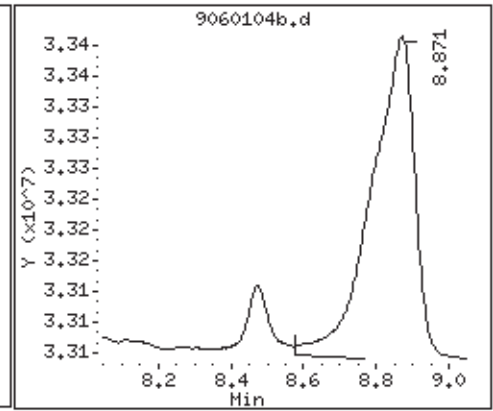
3 Carbon Dioxide (Undetec)



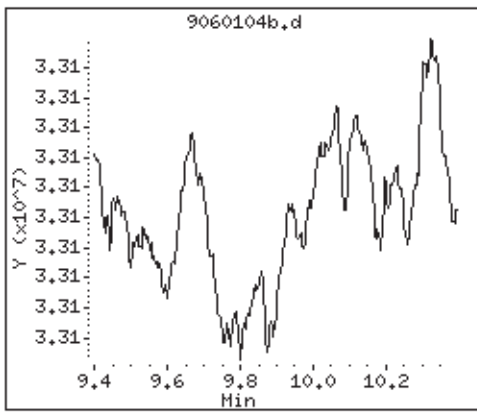
9 Oxygen (Undetected)



10 Nitrogen (Undetected)



12 Carbon Monoxide (Undete)





Client Sample ID: Lab Blank

Lab ID#: 1005453B-17B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9060119b	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	6/1/10 05:54 PM

Compound	Rpt. Limit (%)	Amount (%)
Hydrogen	0.010	Not Detected
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

Air Toxics Ltd.

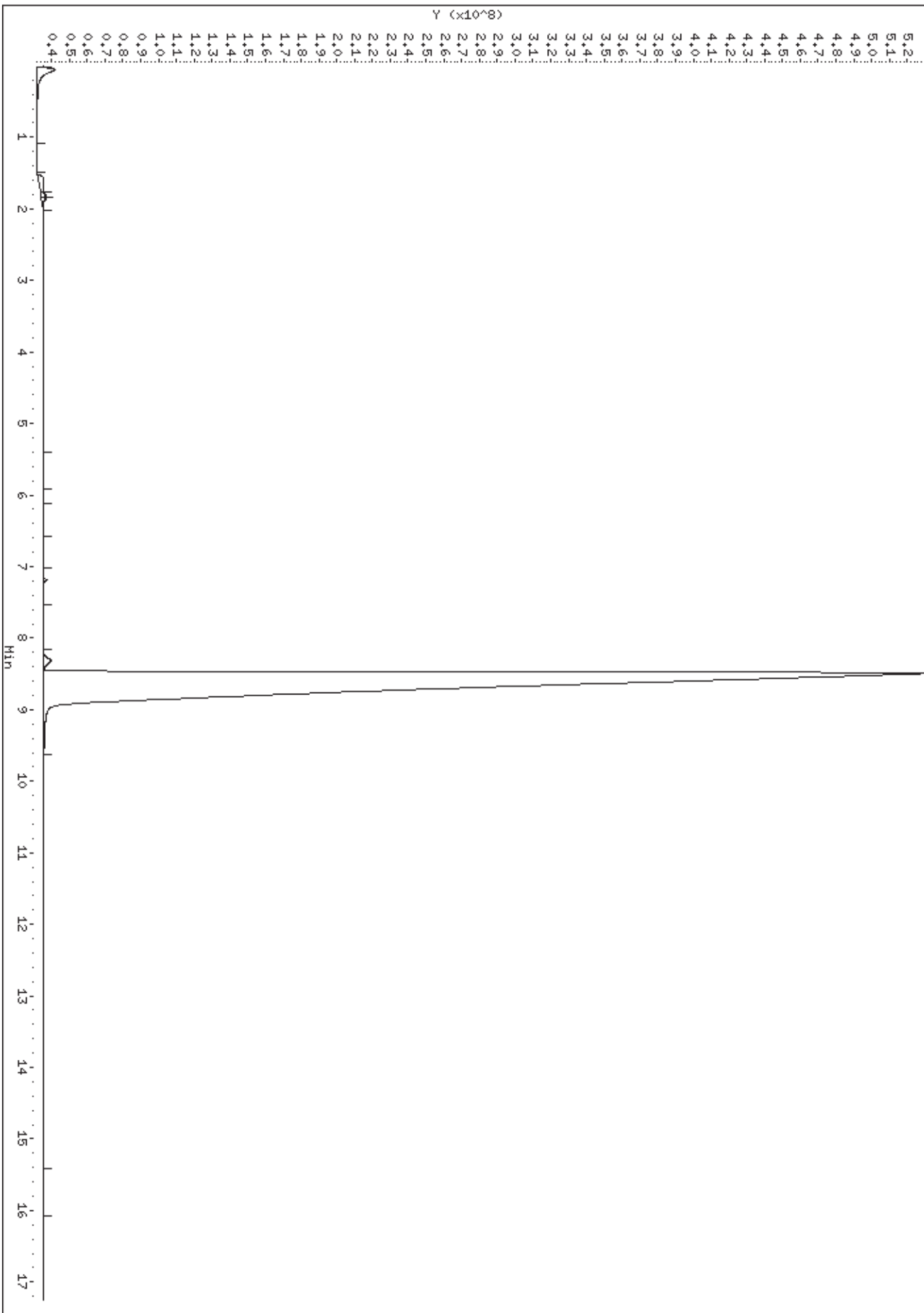
Modified ASTM D-1945

Data file : /chem/gc9.i/01Jun2010.b/9060119b.d
Lab Smp Id: lab blank Client Smp ID: lab blank
Inj Date : 01-JUN-2010 17:54
Operator : gd Inst ID: gc9.i
Smp Info : 1.0mL,33868;lab blank;lab blank
Misc Info : N2
Comment : GC/TCD
Method : /chem/gc9.i/01Jun2010.b/910n0430.m/910C0417.m
Meth Date : 01-Jun-2010 17:45 lyohanne Quant Type: ESTD
Cal Date : 01-JUN-2010 17:29 Cal File: 9060118b.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: heh2.sub
Target Version: 3.50
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

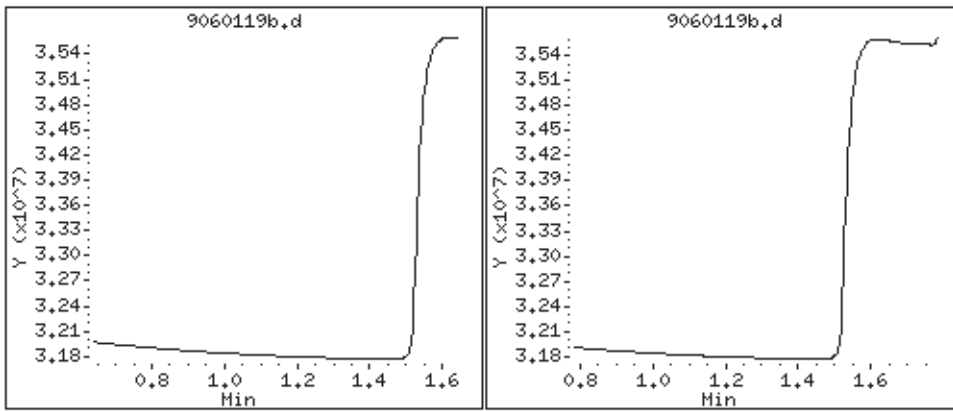
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
1 Helium				Compound Not Detected.		
2 Hydrogen				Compound Not Detected.		



1 Helium (Undetected)

2 Hydrogen (Undetected)





Client Sample ID: Lab Blank

Lab ID#: 1005453B-17C

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9060204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/2/10 11:52 AM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	Not Detected
Nitrogen	0.10	Not Detected
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected
Ethane	0.0010	Not Detected
Ethene	0.0010	Not Detected
Acetylene	0.0010	Not Detected
Propane	0.0010	Not Detected
Isobutane	0.0010	Not Detected
Butane	0.0010	Not Detected
Neopentane	0.0010	Not Detected
Isopentane	0.0010	Not Detected
Pentane	0.0010	Not Detected
C6+	0.010	Not Detected

Container Type: NA - Not Applicable

Air Toxics Ltd.

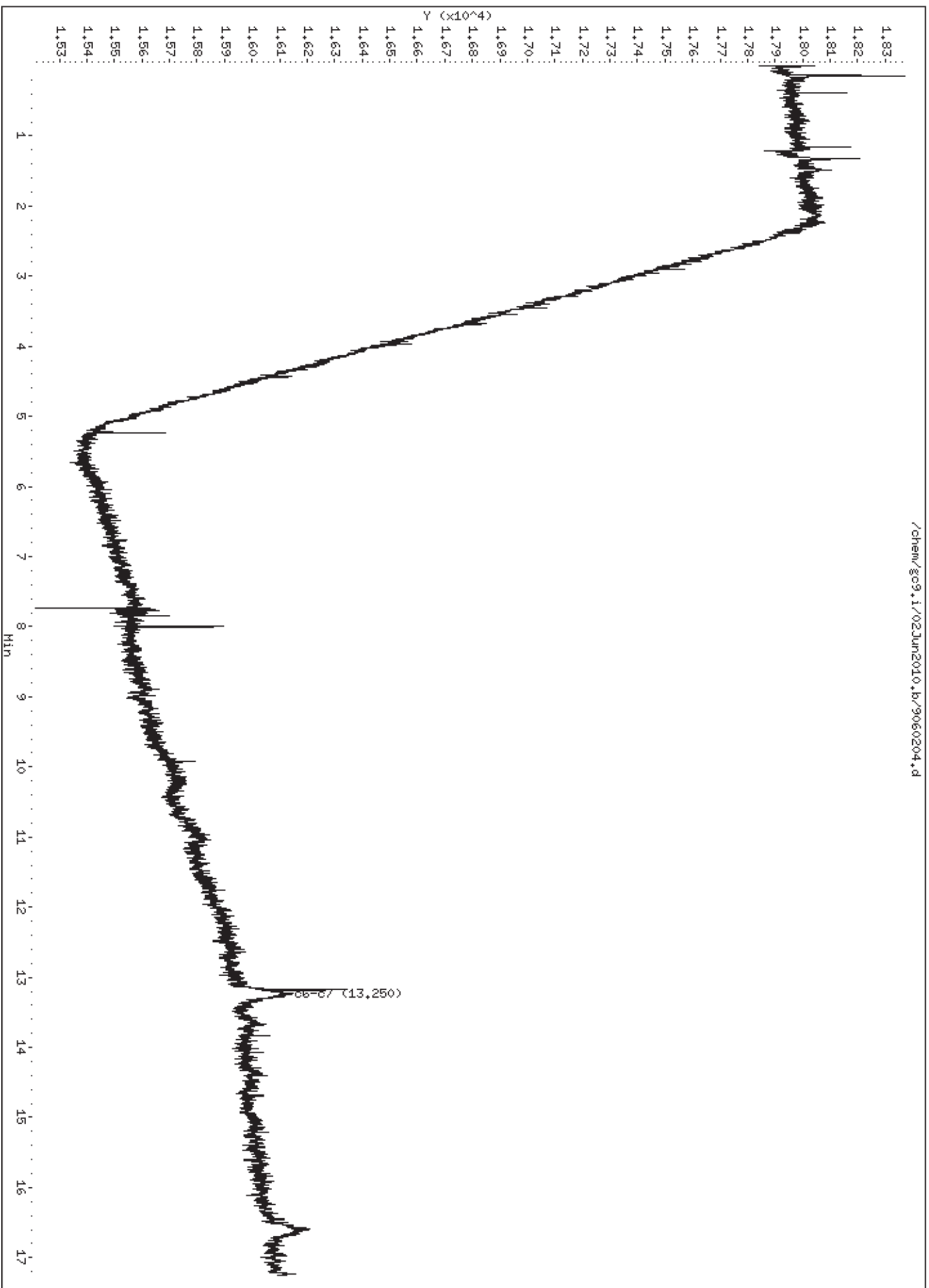
Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/02Jun2010.b/9060204.d
Lab Smp Id: He Lab Blank Client Smp ID: Lab Blank
Inj Date : 02-JUN-2010 11:52
Operator : ly Inst ID: gc9.i
Smp Info : 1.0mL,14014;He Lab Blank;Lab Blank;
Misc Info : He
Comment : GC FID
Method : /chem/gc9.i/02Jun2010.b/910n0430.m
Meth Date : 02-Jun-2010 10:55 lyohanne Quant Type: ESTD
Cal Date : 02-JUN-2010 10:32 Cal File: 9060201.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

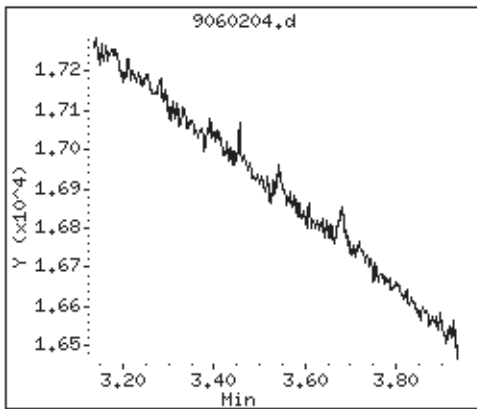
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

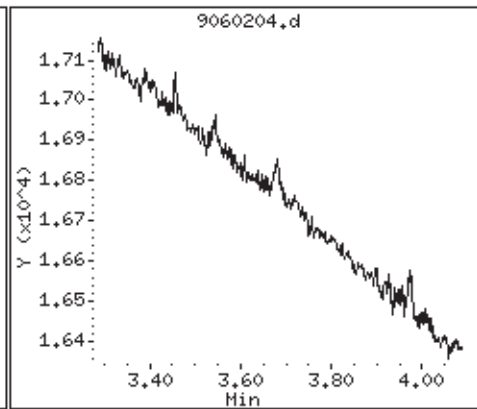
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
2 Methane				Compound Not Detected.		
3 ethane				Compound Not Detected.		
4 ethene				Compound Not Detected.		
5 propane				Compound Not Detected.		
7 acetylene				Compound Not Detected.		
8 iso-butane				Compound Not Detected.		
10 n-butane				Compound Not Detected.		
15 neo-pentane				Compound Not Detected.		
16 isopentane				Compound Not Detected.		
17 pentane				Compound Not Detected.		
M 37 C6+ Hydrocarbons				Compound Not Detected.		
S 22 c6-c7				Compound Not Detected.		
S 36 c8+				Compound Not Detected.		



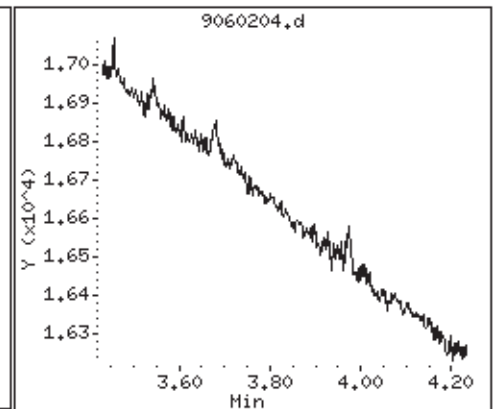
2 Methane (Undetected)



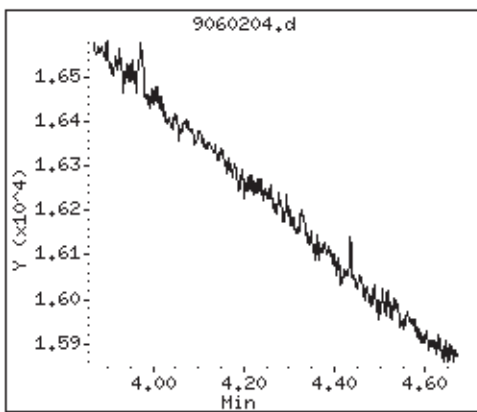
3 ethane (Undetected)



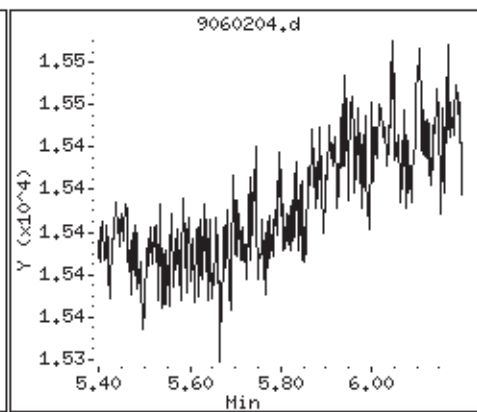
4 ethene (Undetected)



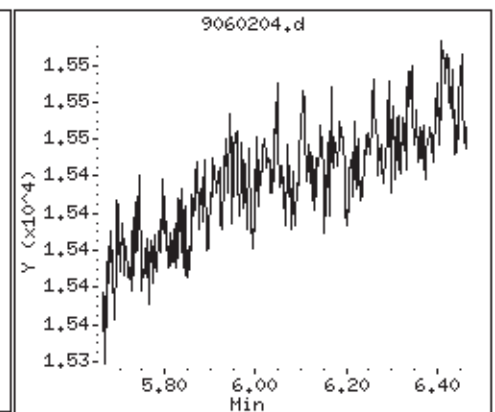
5 propane (Undetected)



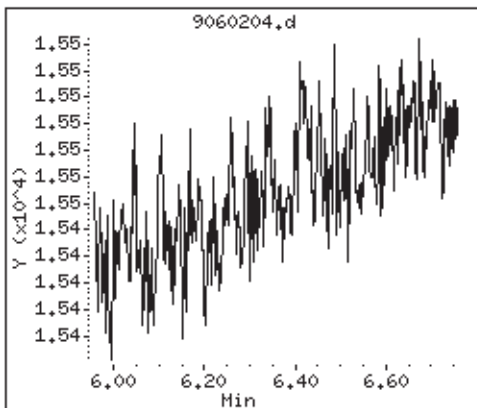
7 acetylene (Undetected)



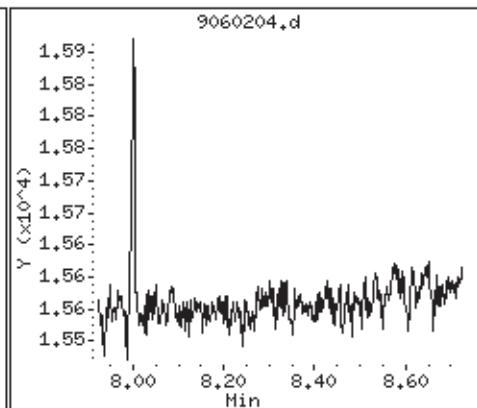
8 iso-butane (Undetected)



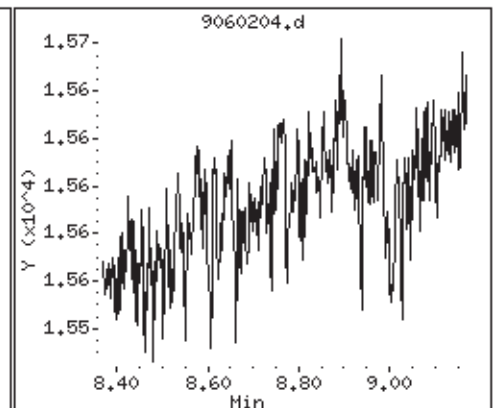
10 n-butane (Undetected)



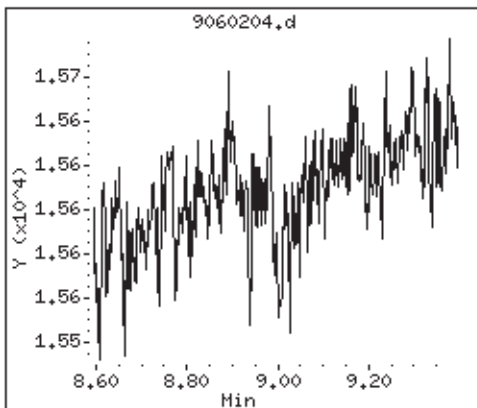
15 neo-pentane (Undetected)



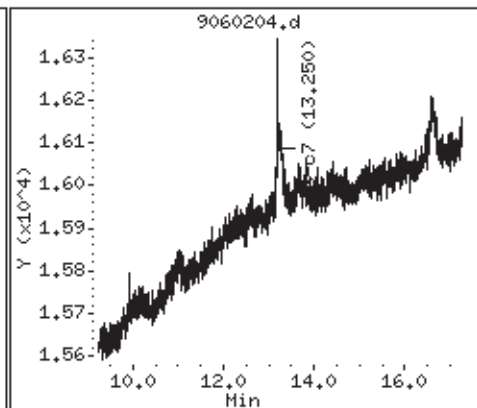
16 isopentane (Undetected)



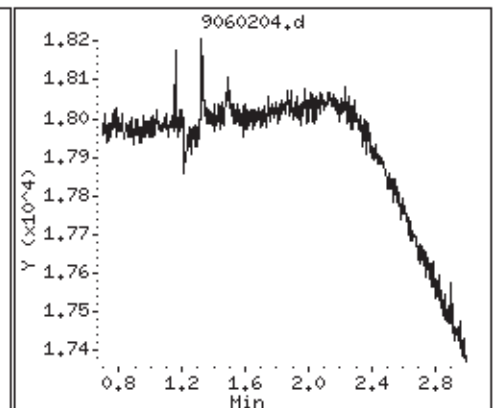
17 pentane (Undetected)



S 22 c6-c7 (Undetected)



S 36 c8+ (Undetected)



Air Toxics Ltd.

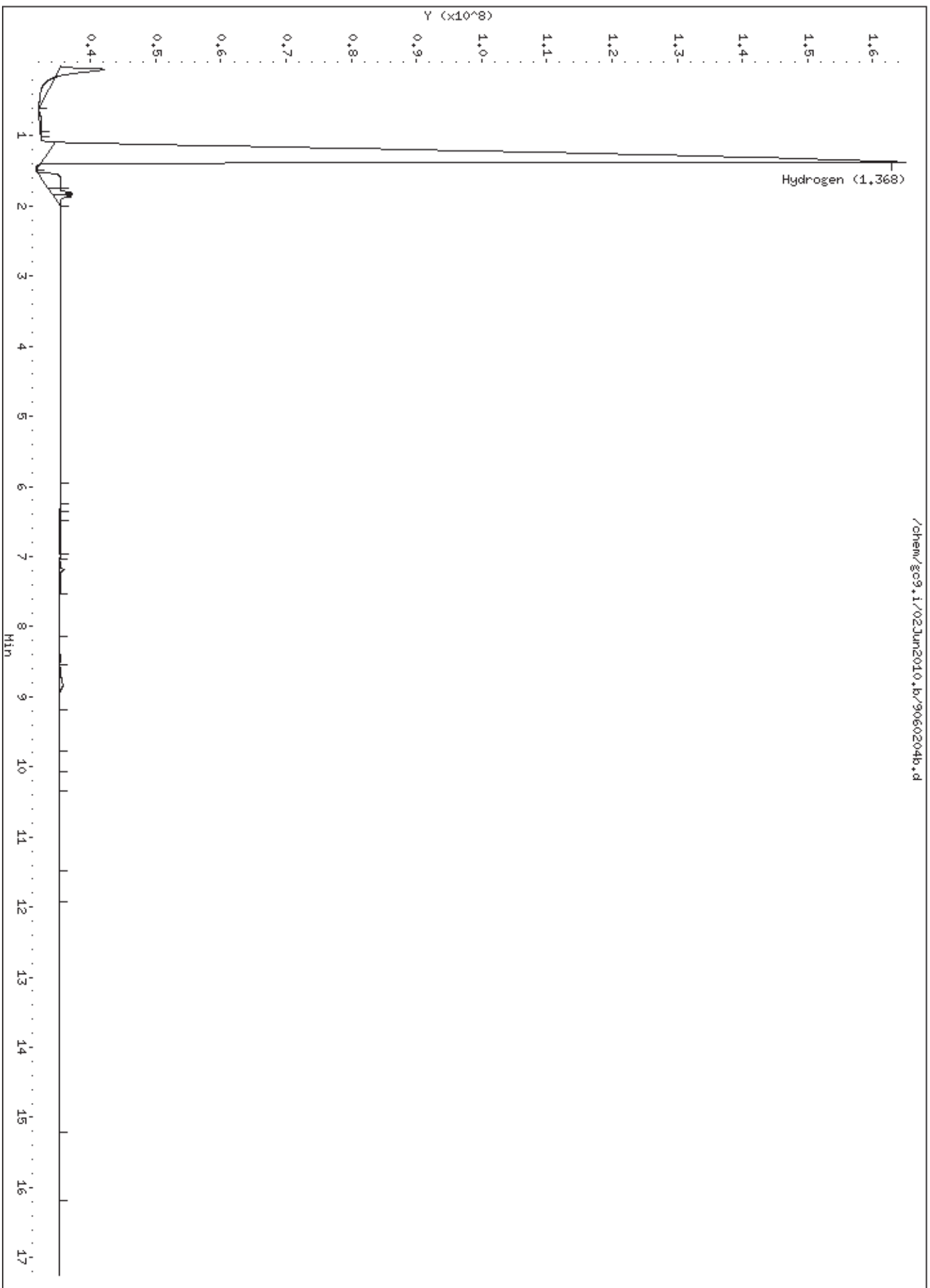
Modified ASTM D-1945

Data file : /chem/gc9.i/02Jun2010.b/9060204b.d
Lab Smp Id: He Lab Blank Client Smp ID: Lab Blank
Inj Date : 02-JUN-2010 11:52
Operator : ly Inst ID: gc9.i
Smp Info : 1.0mL,14014;He Lab Blank;Lab Blank;
Misc Info : He
Comment : GC/TCD
Method : /chem/gc9.i/02Jun2010.b/910n0430.m/910C0417.m
Meth Date : 02-Jun-2010 11:22 lyohanne Quant Type: ESTD
Cal Date : 02-JUN-2010 11:04 Cal File: 9060202b.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ngas-H2He.sub
Target Version: 3.50
Processing Host: eeyore

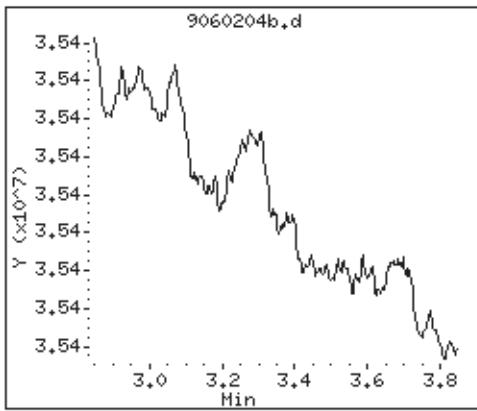
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

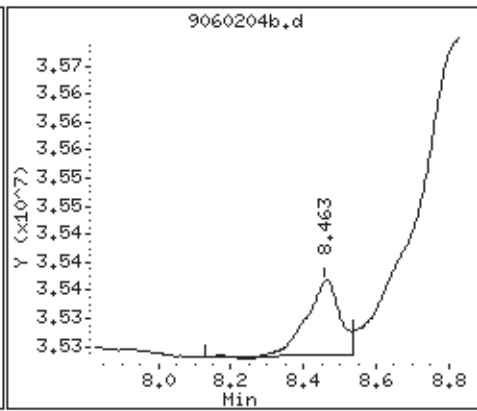
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
3 Carbon Dioxide				Compound Not Detected.		
9 Oxygen				Compound Not Detected.		
10 Nitrogen				Compound Not Detected.		
12 Carbon Monoxide				Compound Not Detected.		



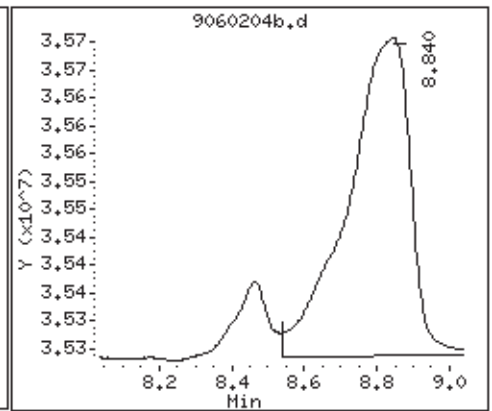
3 Carbon Dioxide (Undetec)



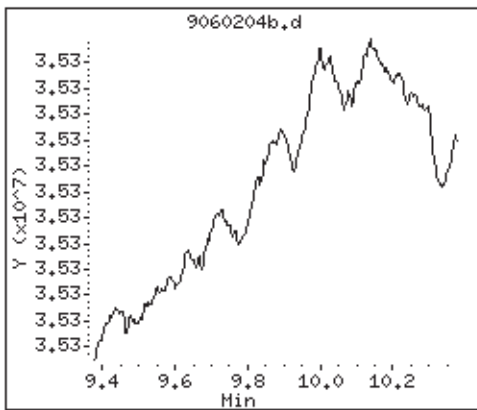
9 Oxygen (Undetected)



10 Nitrogen (Undetected)



12 Carbon Monoxide (Undete)





Client Sample ID: Lab Blank

Lab ID#: 1005453B-17D

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9060203b	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	6/2/10 11:27 AM

Compound	Rpt. Limit (%)	Amount (%)
Hydrogen	0.010	Not Detected
Helium	0.050	Not Detected

Container Type: NA - Not Applicable

Air Toxics Ltd.

Modified ASTM D-1945

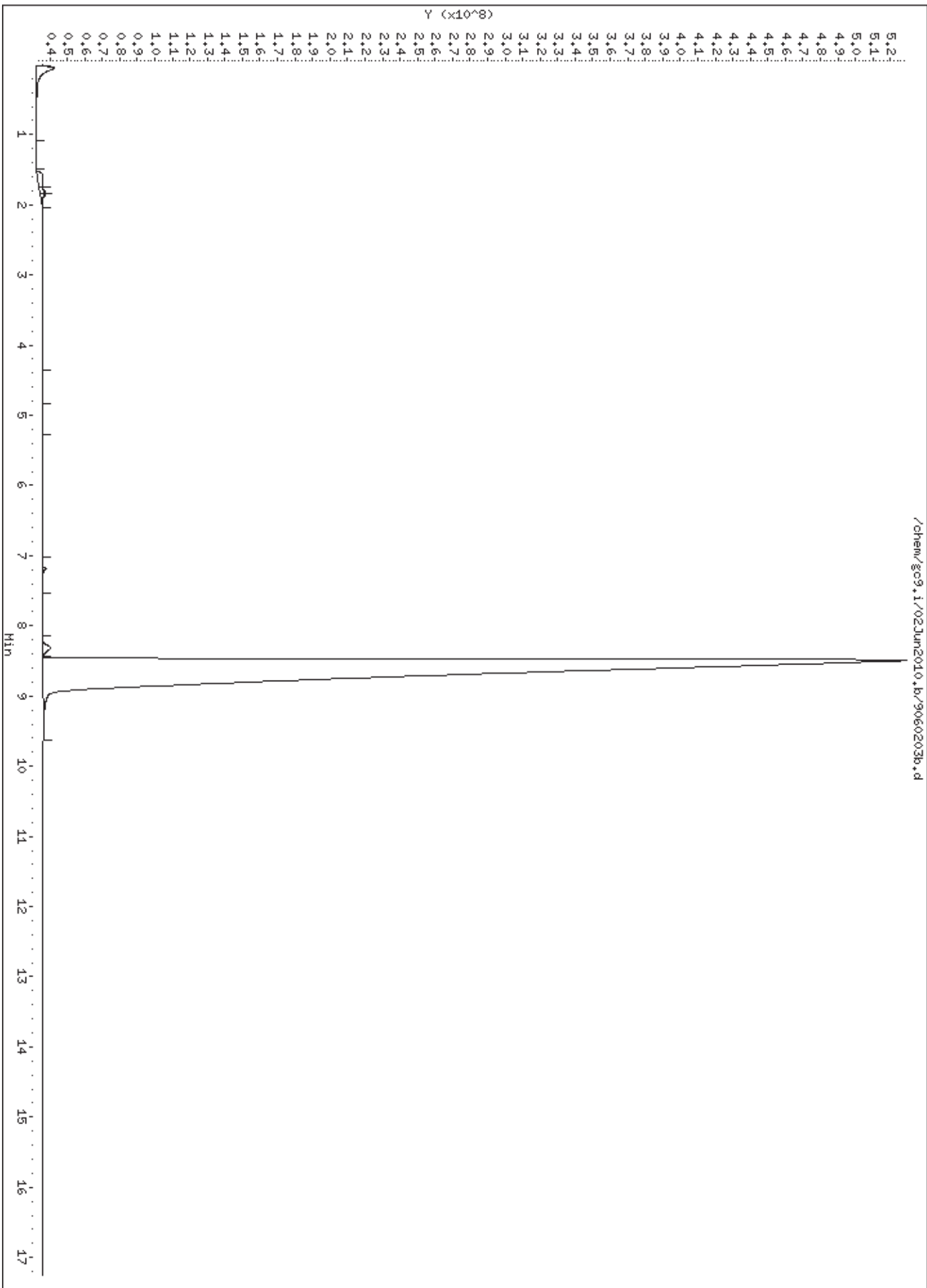
Data file : /chem/gc9.i/02Jun2010.b/9060203b.d
Lab Smp Id: N2 Lab Blank Client Smp ID: Lab Blank
Inj Date : 02-JUN-2010 11:27
Operator : ly Inst ID: gc9.i
Smp Info : 1.0mL,33868;N2 Lab Blank;Lab Blank;
Misc Info : N2
Comment : GC/TCD
Method : /chem/gc9.i/02Jun2010.b/910n0430.m/910C0417.m
Meth Date : 02-Jun-2010 11:22 lyohanne Quant Type: ESTD
Cal Date : 02-JUN-2010 11:04 Cal File: 9060202b.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: heh2.sub
Target Version: 3.50
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable

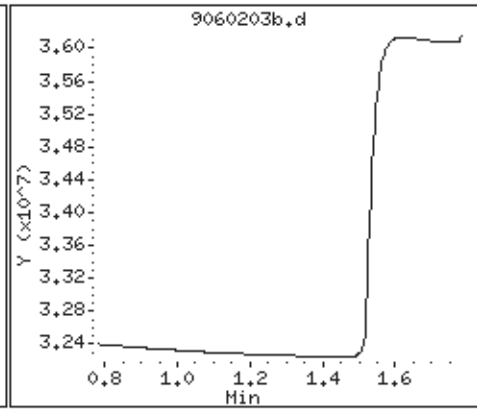
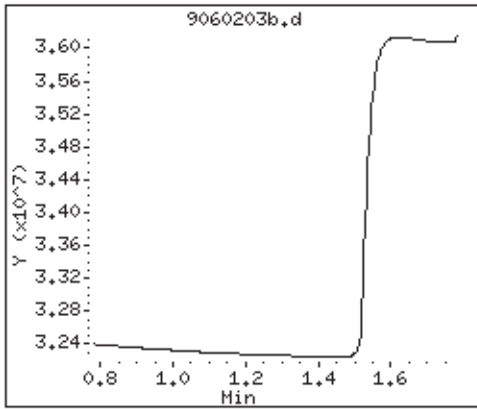
Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
=====	==	=====	=====	=====	=====	=====
1 Helium				Compound Not Detected.		
2 Hydrogen				Compound Not Detected.		



1 Helium (Undetected)

2 Hydrogen (Undetected)



SAMPLE RESULTS/SAMPLE RESULTS DUPLICATE

Lab Name: Air Toxics Ltd.

Lab File ID: 9060121.d & 9060120.d

Lab Sample ID: 01A & 01AA

Dilution: 1.91 & 1.91

Client Sample ID: &

Date Analyzed: 6/1/10 & 6/1/10

CAS Number	Compound	Original		Duplicate		RPD	Result Less Than 5X RL
		Amount	Flags	Amount	Flags		
74-86-2	Acetylene	ND	U	ND	U	0	
106-97-8	Butane	ND	U	ND	U	0	
C6+	C6+	ND	U	ND	U	0	
124-38-9	Carbon Dioxide	0.413		0.418		1.2	
630-08-0	Carbon Monoxide	ND	U	ND	U	0	
74-84-0	Ethane	ND	U	ND	U	0	
74-85-1	Ethene	ND	U	ND	U	0	
7440-59-7	Helium	1.2		1.21		0.83	
1333-74-0	Hydrogen	0.708		0.712		0.56	
75-28-5	Isobutane	ND	U	ND	U	0	
78-78-4	Isopentane	ND	U	ND	U	0	
74-82-8	Methane	0.0257		0.0258		0.39	
463-82-1	Neopentane	ND	U	ND	U	0	
7727-37-9	Nitrogen	85		85		0	
7782-44-7	Oxygen	12.7		12.7		0	
109-66-0	Pentane	ND	U	ND	U	0	
74-98-6	Propane	ND	U	ND	U	0	

Note: The results appearing in the Amount columns are the raw, unrounded numbers acquired from the instrument.

SAMPLE RESULTS/SAMPLE RESULTS DUPLICATE

Lab Name: Air Toxics Ltd.

Lab File ID: 9060210.d & 9060209.d

Lab Sample ID: 03A & 03AA

Dilution: 1.86 & 1.86

Client Sample ID: &

Date Analyzed: 6/2/10 & 6/2/10

CAS Number	Compound	Original		Duplicate		RPD	Result Less Than 5X RL
		Amount	Flags	Amount	Flags		
74-86-2	Acetylene	ND	U	ND	U	0	
106-97-8	Butane	ND	U	ND	U	0	
C6+	C6+	ND	U	ND	U	0	
124-38-9	Carbon Dioxide	0.0708		0.0734		3.6	Y
630-08-0	Carbon Monoxide	ND	U	ND	U	0	
74-84-0	Ethane	ND	U	ND	U	0	
74-85-1	Ethene	ND	U	ND	U	0	
7440-59-7	Helium	0.735		0.735		0	
1333-74-0	Hydrogen	0.109		0.111		1.8	
75-28-5	Isobutane	ND	U	ND	U	0	
78-78-4	Isopentane	ND	U	ND	U	0	
74-82-8	Methane	0.00986		0.00983		0.30	
463-82-1	Neopentane	ND	U	ND	U	0	
7727-37-9	Nitrogen	79		79		0	
7782-44-7	Oxygen	19.5		19.5		0	
109-66-0	Pentane	ND	U	ND	U	0	
74-98-6	Propane	ND	U	ND	U	0	

Note: The results appearing in the Amount columns are the raw, unrounded numbers acquired from the instrument.

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 30-APR-2010 09:54
 End Cal Date : 30-APR-2010 17:55
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP Genie
 Method file : /var/chem/gc9.i/30Apr2010.b/910n0430.m
 Cal Date : 03-May-2010 11:56 tstriepe
 Curve Type : Average

Calibration File Names:

- Level 1: /chem/gc9.i/30Apr2010.b/9043002.d
- Level 2: /chem/gc9.i/30Apr2010.b/9043003a.d
- Level 3: /chem/gc9.i/30Apr2010.b/9043004a.d
- Level 4: /chem/gc9.i/30Apr2010.b/9043005a.d
- Level 5: /chem/gc9.i/30Apr2010.b/9043006a.d
- Level 6: /chem/gc9.i/30Apr2010.b/9043015.d

Compound	0.000e+00	0.000e+00	0.000e+00	0.000e+00	0.000e+00	0.000e+00	0.000e+00	RRF	% RSD
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2 Methane	202080000	153736294	155083221	164416716	152510874	+++++	165565421		12.651
3 ethane	+++++	298674490	300191532	318558652	298734521	306748072	304581453		2.788
4 ethene	+++++	294083838	295770942	314597500	294555688	295628733	298927340		2.940
5 propane	+++++	444823000	453448907	481920337	452081585	478780558	462210877		3.660
7 acetylene	+++++	359859596	367637600	394417525	372723723	+++++	373659611		3.965
8 iso-butane	+++++	586741414	602800200	641421360	603314068	+++++	608569261		3.814
10 n-butane	+++++	589788889	601382966	642135900	606050212	697960475	627463688		7.012
15 neo-pentane	+++++	784290000	802413690	848947248	800882990	+++++	809133482		3.434
16 isopentane	+++++	746938000	758502381	802097129	758571360	666396985	746501171		6.630
17 pentane	+++++	752239000	764838889	810372376	768282568	769758534	773098274		2.839
39 Hexane	+++++	901288000	913222709	972456653	920953817	+++++	926980295		3.385
40 Heptane	+++++	1.028e+09	1.048e+09	1.148e+09	1.079e+09	+++++	1.076e+09		4.870
S 22 c6-c7	+++++	+++++	983751953	1.070e+09	1.010e+09	+++++	1.021e+09		4.327
M 37 C6+ Hydrocarbons	+++++	+++++	+++++	+++++	+++++	+++++	1.021e+09	+++++	
S 36 c8+	+++++	+++++	+++++	+++++	+++++	+++++	1.021e+09	+++++	

Calibration History

Method : /var/chem/gc9.i/30Apr2010.b/910n0430.m
 Start Cal Date: 30-APR-2010 09:54
 End Cal Date : 30-APR-2010 17:55

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.00000		
30-APR-2010 09:54	ch4	/chem/gc9.i/30Apr2010.b/9043002.d
Cal Level: 2 , Cal Amount: 0.00000		
30-APR-2010 10:17	HexHep	/chem/gc9.i/30Apr2010.b/9043003a.d
30-APR-2010 10:17	ngas	/chem/gc9.i/30Apr2010.b/9043003.d
Cal Level: 3 , Cal Amount: 0.00000		
30-APR-2010 10:42	HexHep	/chem/gc9.i/30Apr2010.b/9043004a.d
30-APR-2010 10:42	ngas	/chem/gc9.i/30Apr2010.b/9043004.d
Cal Level: 4 , Cal Amount: 0.00000		
30-APR-2010 11:13	HexHep	/chem/gc9.i/30Apr2010.b/9043005a.d
30-APR-2010 11:13	ngas	/chem/gc9.i/30Apr2010.b/9043005.d
Cal Level: 5 , Cal Amount: 0.00000		
30-APR-2010 11:37	HexHep	/chem/gc9.i/30Apr2010.b/9043006a.d
30-APR-2010 11:37	ngas	/chem/gc9.i/30Apr2010.b/9043006.d
Cal Level: 6 , Cal Amount: 0.00000		
30-APR-2010 17:55	isopentane	/chem/gc9.i/30Apr2010.b/9043015.d
30-APR-2010 15:55	Butane	/chem/gc9.i/30Apr2010.b/9043012.d
30-APR-2010 15:29	propane	/chem/gc9.i/30Apr2010.b/9043011.d
30-APR-2010 15:02	ehtene	/chem/gc9.i/30Apr2010.b/9043010.d
30-APR-2010 14:28	ehtane	/chem/gc9.i/30Apr2010.b/9043009.d
30-APR-2010 13:54	Pentane	/chem/gc9.i/30Apr2010.b/9043008.d

GC-9
FID - Curve

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 30-APR-2010 09:54
 End Cal Date : 30-APR-2010 17:55
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP Genie
 Method file : /var/chem/gc9.i/30Apr2010.b/910n0430.m
 Cal Date : 03-May-2010 11:56 tstriepe
 Curve Type : Average

Calibration File Names: *See Calibration History*

- Level 1: /chem/gc9.i/30Apr2010.b/9043002.d
- Level 2: /chem/gc9.i/30Apr2010.b/9043003a.d
- Level 3: /chem/gc9.i/30Apr2010.b/9043004a.d
- Level 4: /chem/gc9.i/30Apr2010.b/9043005a.d
- Level 5: /chem/gc9.i/30Apr2010.b/9043006a.d
- Level 6: /chem/gc9.i/30Apr2010.b/9043015.d

5/3/10
gmw 5/3/10

Based on 1-0ml loop load -

Second Source file # 9043016

Compound	0.000e+00	0.000e+00	0.000e+00	0.000e+00	0.000e+00	0.000e+00	RRF	% RSD
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
2 Methane	202080000	153736294	155083221	164416716	152510874	+++++	165565421	12.651
3 ethane	+++++	298674490	300191532	318558652	298734521	306748072	304581453	2.788
4 ethene	+++++	294083838	295770942	314597500	294555688	295628733	298927340	2.940
5 propane	+++++	444823000	453448907	481920337	452081585	478780558	462210877	3.660
7 acetylene	+++++	359859596	367637600	394417525	372723723	+++++	373659611	3.965
8 iso-butane	+++++	586741414	602800200	641421360	603314068	+++++	608569261	3.814
10 n-butane	+++++	589788889	601382966	642135900	606050212	697960475	627463688	7.012
15 neo-pentane	+++++	784290000	802413690	848947248	800882990	+++++	809133482	3.434
16 isopentane	+++++	746938000	758502381	802097129	758571360	666396985	746501171	6.630
17 pentane	+++++	752239000	764838889	810372376	768282568	769758534	773098274	2.839
39 Hexane	+++++	901288000	913222709	972456653	920953817	+++++	926980295	3.385
40 Heptane	+++++	1.028e+09	1.048e+09	1.148e+09	1.079e+09	+++++	1.076e+09	4.870
S 22 c6-c7	+++++	+++++	983751953	1.070e+09	1.010e+09	+++++	1.021e+09	4.327
M 37 C6+ Hydrocarbons	+++++	+++++	+++++	+++++	+++++	+++++	1.021e+09	+++++
S 36 c8+	+++++	+++++	+++++	+++++	+++++	+++++	1.021e+09	+++++

gmw 5/3/10

Compound	Level 1(%)	Level 2(%)	Level 3(%)	Level 4(%)	Level 5(%)	Level 6(%)
Methane	0.00010	0.01970	0.09935	0.9950	9.950	NA
Ethane	NA	0.00098	0.00496	0.0497	0.497	24.975
Ethene	NA	0.00099	0.00499	0.0500	0.500	24.875
Propane	NA	0.00100	0.00503	0.0504	0.504	19.900
Acetylene	NA	0.00099	0.00500	0.0501	0.501	NA
iso-Btuane	NA	0.00099	0.00499	0.0500	0.500	NA
n-Butane	NA	0.00099	0.00499	0.0500	0.500	9.990
neo-Pentane	NA	0.00100	0.00504	0.0505	0.505	NA
iso-Pentane	NA	0.00100	0.00504	0.0505	0.505	4.950
n-Pentane	NA	0.00100	0.00504	0.0505	0.505	9.990
Hexane	NA	0.00050	0.00251	0.0251	0.251	NA
C6-C7	NA	NA	0.00512	0.0512	0.512	NA

USE	File #	Sample Name/Client ID	Can #	Pressure	Amt	DF	Date	Time	Review Init.	Comments
✓	9043001	System Blank	14014	NA	1.0ml	1.00	4/30/10	0918	g	
✓	02	1830-35	34368					0934		Level 1
✓	03	-34	13671					1017		2
✓	04	-33	4267					1042		3
✓	05	1544-365 B Nagas	34219		(10:100) 1.0ml			1113		4
✓	06	↓			1.0ml			1137		5
✓	07	843-2965	NA	CH4 99.0%	(25:50) 1.0ml			1234		Not used, Bad STD
✓	08	1476-910		Pentane 99.9%	(10:100) 1.0ml			1354		Level 6
✓	09	1476-438		Ethane 99.9%	(12.5:50) 1.0ml			1428		6
✓	10	1476-437		Ethane 99.5%	↓			1502	gpd	6
✓	11	843-471		Propane 99.5%	(10:50) 1.0ml			1529		6
✓	12	1476-897		Butane 99.9%	(5:50) 1.0ml			1555		6
✓	13	843-2965		Hexane 99.9%	(25:50) 1.0ml			1646		Not used, Bad STD
✓	14	843-2965		↓	1.0ml			1719		↓
✓	15	1476-898		Triperthane 99%	(5:100) 1.0ml			1735		Level-6

Calculation Check: File ID: 9043006C Compound: Propane Initials: gmv

Sample Amt = Area Counts Sample × Dilution Factor = $(227849119) \times (1.50) = \boxed{8.4934}$
 RF (462210877) Reported Result: $\boxed{0.4934}$

Signed gmv

Date 5/3/10

USE	File #	Sample Name/Client ID	Can #	Pressure	Amt	DF	Date	Time	Review Init.	Comments
✓	9043016	1476 - 1477 N ₂ O	NA	NA	1.0ml	1.00	4/30/10	1826	gd	EC5
✓	17	1476 - 977 H ₂	↓	↓	↓	↓	↓	1916	↓	CCV
✓	18	N ₂ Lab Blank	33868	↓	↓	↓	↓	1942	↓	
✓	19	He Lab Blank	14014	↓	↓	↓	↓	2004	↓	
✓	20	100 4650 - 01A	Bug	1100406203 DIV num OK	↓	↓	↓	2028	↓	↑ 150 bar leak
✓	21	-01A	↓	↓	↓	↓	↓	2054	↓	Carryover
✓	22	He Syringe Blank	14014	NA	↓	↓	↓	2116	↓	
✓	23	↓	14014	↓	5.50	100	↓	2141	↓	
✓	24	100 4650 - 01B	Bug	1100406203 DIV num OK	1.0ml	↓	↓	2203	↓	Turbulence only
✓	25	He Syringe Blank	814014	NA	1.0ml	↓	↓	2227	↓	
✓	26	100 4650 - 02A	Bug	1100406423 DIV num OK	↓	↓	↓	2256	↓	↑ Turbulence
✓	27	He Syringe Blank	14014	NA	↓	↓	↓	2318	↓	
✓	28	100 4650 - 02B	Bug	1100406423 DIV num OK	(10560)	600	↓	2341	↓	Turbulence only
✓	29	100 4634 B - 01AA	↓	# Residual CE with outflow	1.0ml	↓	5/01/10	0005	lg	
✓	30	-01A	↓	↓	↓	↓	↓	0734	↓	

Calculation Check: File ID: 9043016C Compound: Pentane Initials: gm

Sample Amt = Area Counts Sample × Dilution Factor = $(384483557) \times (1.00) = \boxed{0.500\%}$
 RF (7688282569)

Reported Result: $\boxed{0.500\%}$

Air Toxics Ltd.

Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/30Apr2010.b/9043016.d
Lab Smp Id: 1476-1477 Client Smp ID: LCS
Inj Date : 30-APR-2010 18:26
Operator : gd Inst ID: gc9.i
Smp Info : 1.0mL,
Misc Info : LCS
Comment : GC FID
Method : /chem/gc9.i/30Apr2010.b/910n0430.m
Meth Date : 03-May-2010 12:03 gmash Quant Type: ESTD
Cal Date : 30-APR-2010 11:37 Cal File: 9043006a.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
2 Methane	3.537	3.536	0.001	1535970513	9.27712	9.28
3 ethane	3.688	3.688	0.000	151041695	0.49590	0.496
4 ethene	3.833	3.833	0.000	149589597	0.50042	0.500
5 propane	4.267	4.267	0.000	225369165	0.48759	0.488
7 acetylene	5.789	5.792	-0.003	194864021	0.52150	0.522(A)
8 iso-butane	6.049	6.049	0.000	302158117	0.49651	0.496
10 n-butane	6.342	6.342	0.000	296019102	0.47177	0.472
15 neo-pentane	8.310	8.309	0.001	406364666	0.50222	0.502
16 isopentane	8.755	8.754	0.001	383359393	0.51354	0.514
17 pentane	8.983	8.981	0.002	384483557	0.49733	0.497
M 37 C6+ Hydrocarbons				524049634	0.51322	0.513
S 22 c6-c7	9.250-17.250			522490758	0.51169	0.512
S 36 c8+	0.700-3.000			1558876	0.00153	0.00153

QC Flag Legend

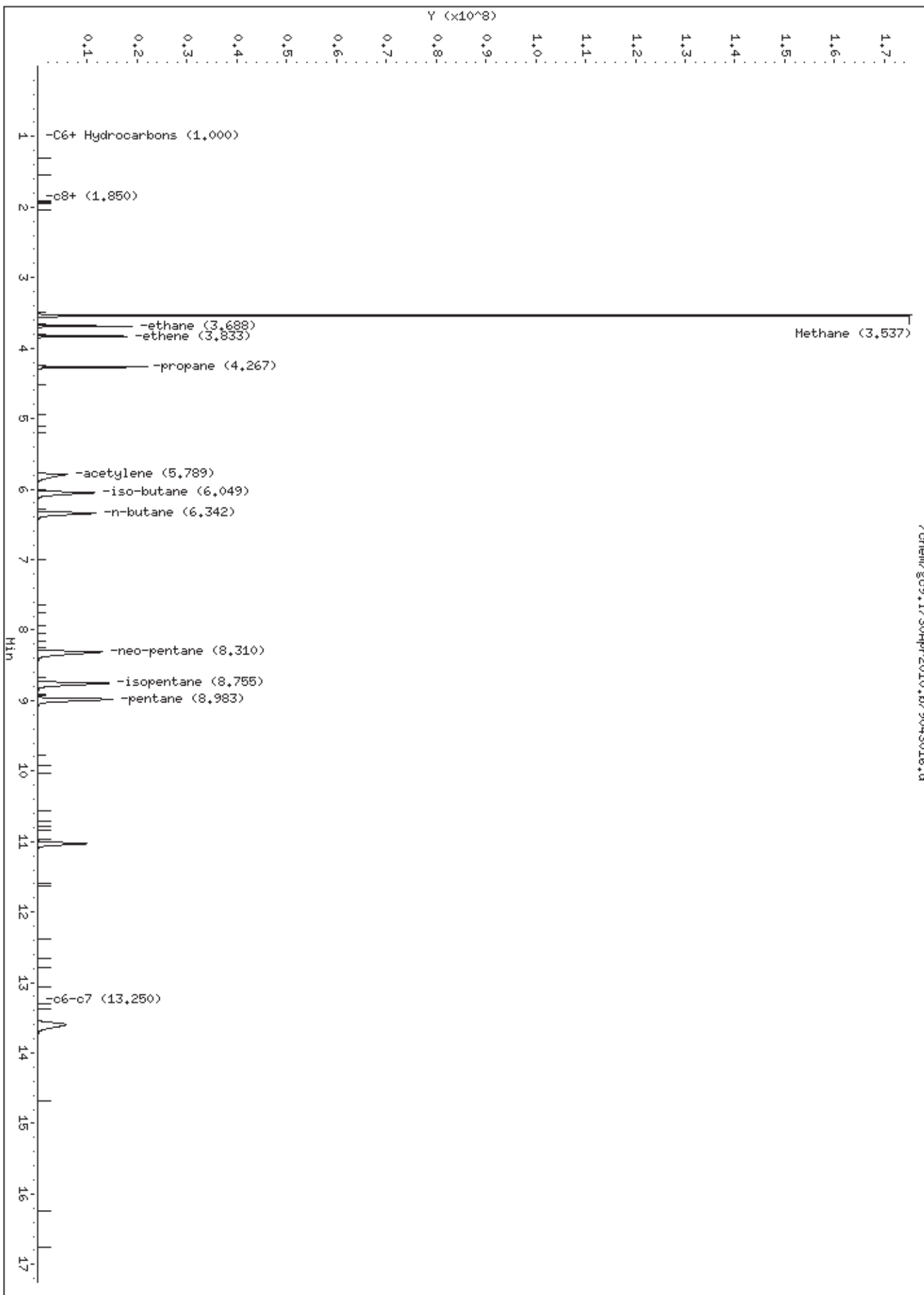
A - Target compound detected but, quantitated amount exceeded maximum amount.

Air Toxics Ltd.

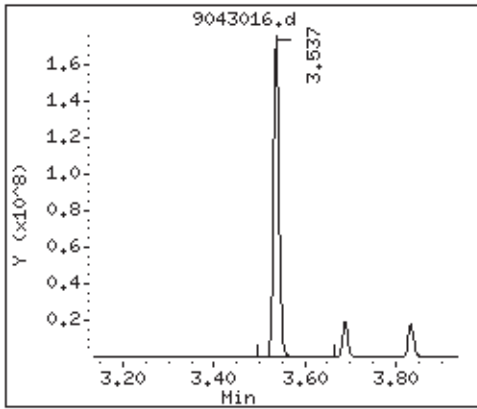
RECOVERY REPORT

Client Name:	Client SDG: 30Apr2010
Sample Matrix: GAS	Fraction: Atm Gas
Lab Smp Id: 1476-1477	Client Smp ID: LCS
Level: LOW	Operator: gd
Data Type: GC DATA	SampleType: LCS
SpikeList File: 1476-1477.spk	Quant Type: ESTD
Sublist File: ngas.sub	
Method File: /chem/gc9.i/30Apr2010.b/910n0430.m	
Misc Info: LCS	

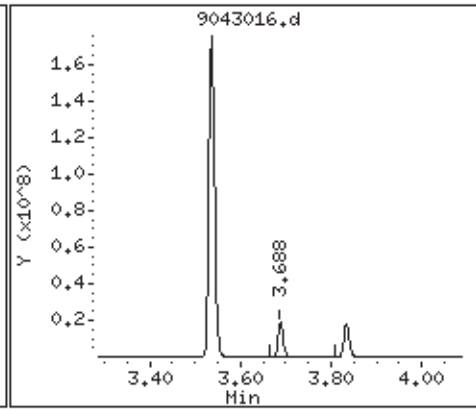
SPIKE COMPOUND	CONC ADDED %	CONC RECOVERED %	% RECOVERED	LIMITS
2 Methane	9.99	9.28	92.86	85-115
3 ethane	0.498	0.496	99.58	85-115
4 ethene	0.500	0.500	100.08	85-115
5 propane	0.499	0.488	97.71	85-115
7 acetylene	0.500	0.522	104.30	85-115
8 iso-butane	0.500	0.496	99.30	85-115
10 n-butane	0.498	0.472	94.73	85-115
15 neo-pentane	0.510	0.502	98.47	85-115
16 isopentane	0.505	0.514	101.69	85-115
17 pentane	0.503	0.497	98.87	85-115
M 37 C6+ Hydrocarbons	0.516	0.513	99.46	85-115



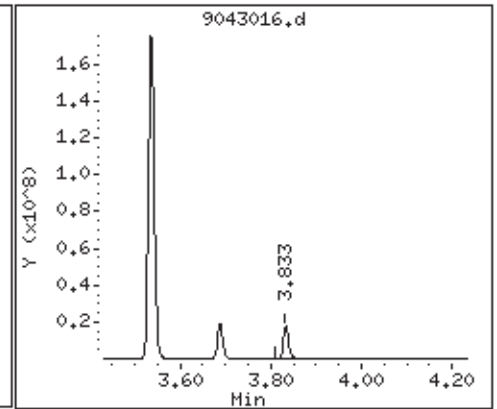
2 Methane



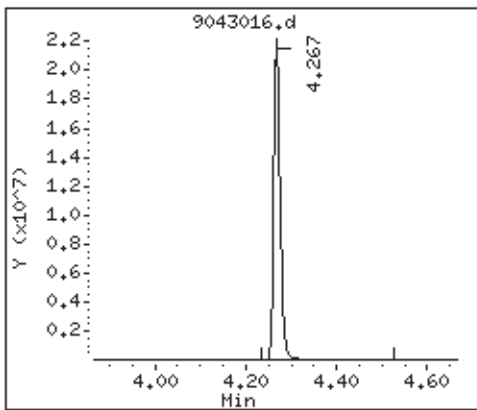
3 ethane



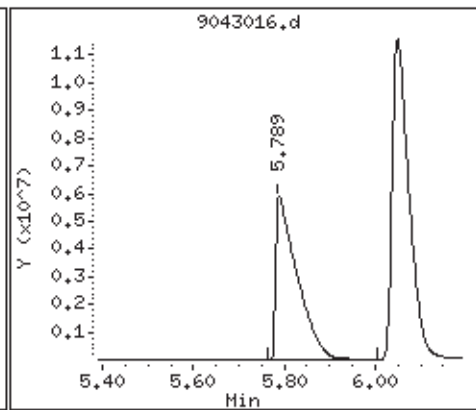
4 ethene



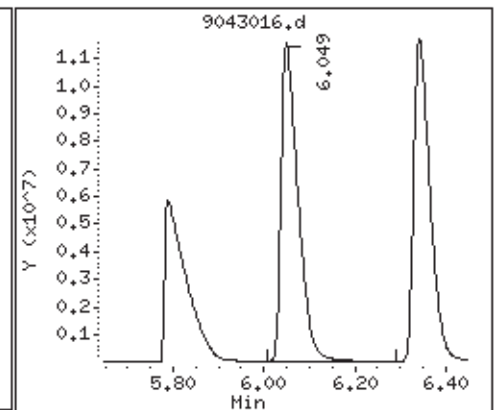
5 propane



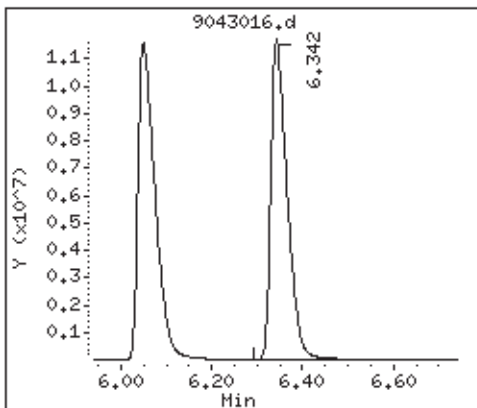
7 acetylene



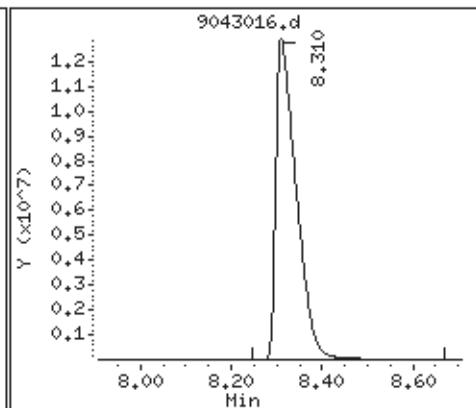
8 iso-butane



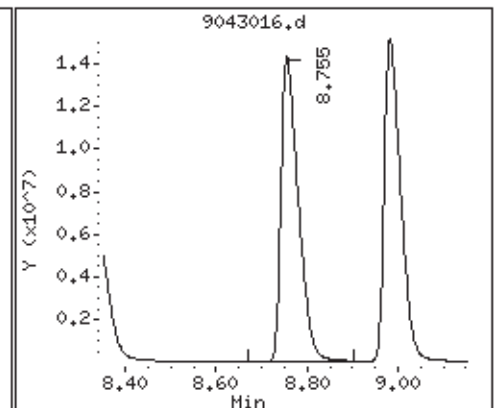
10 n-butane



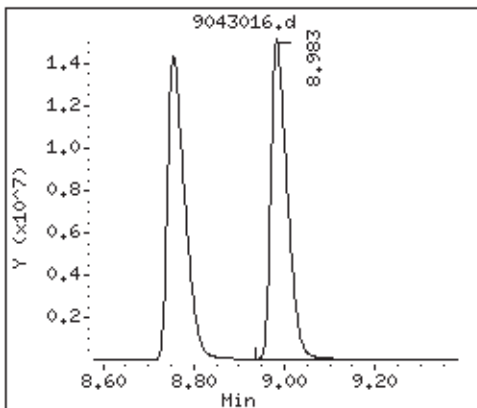
15 neo-pentane



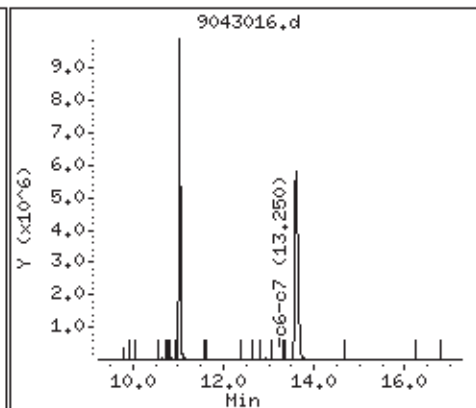
16 isopentane



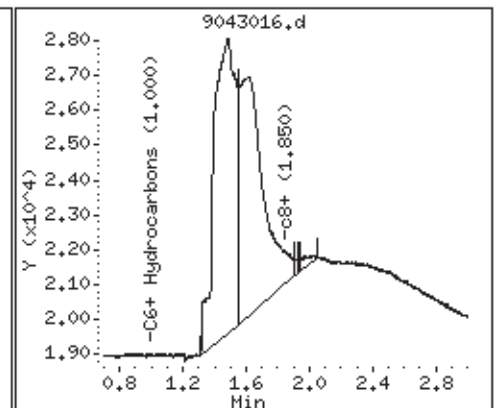
17 pentane



S 22 c6-c7



S 36 c8+



Air Toxics Ltd.

Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/30Apr2010.b/9043016a.d
Lab Smp Id: 1476-1477 Client Smp ID: LCS
Inj Date : 30-APR-2010 18:26
Operator : gd Inst ID: gc9.i
Smp Info : 1.0mL,
Misc Info : LCS
Comment : GC FID
Method : /chem/gc9.i/30Apr2010.b/910n0430.m
Meth Date : 03-May-2010 12:06 gmash Quant Type: ESTD
Cal Date : 30-APR-2010 11:37 Cal File: 9043006a.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: HexHep.sub
Target Version: 3.50
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (%)	FINAL (%)
=====	==	=====	=====	=====	=====	=====
39 Hexane	11.029	11.098	-0.069	236087796	0.25468	0.255(A)
40 Heptane	13.598	13.593	0.005	282444526	0.26247	0.262(A)

QC Flag Legend

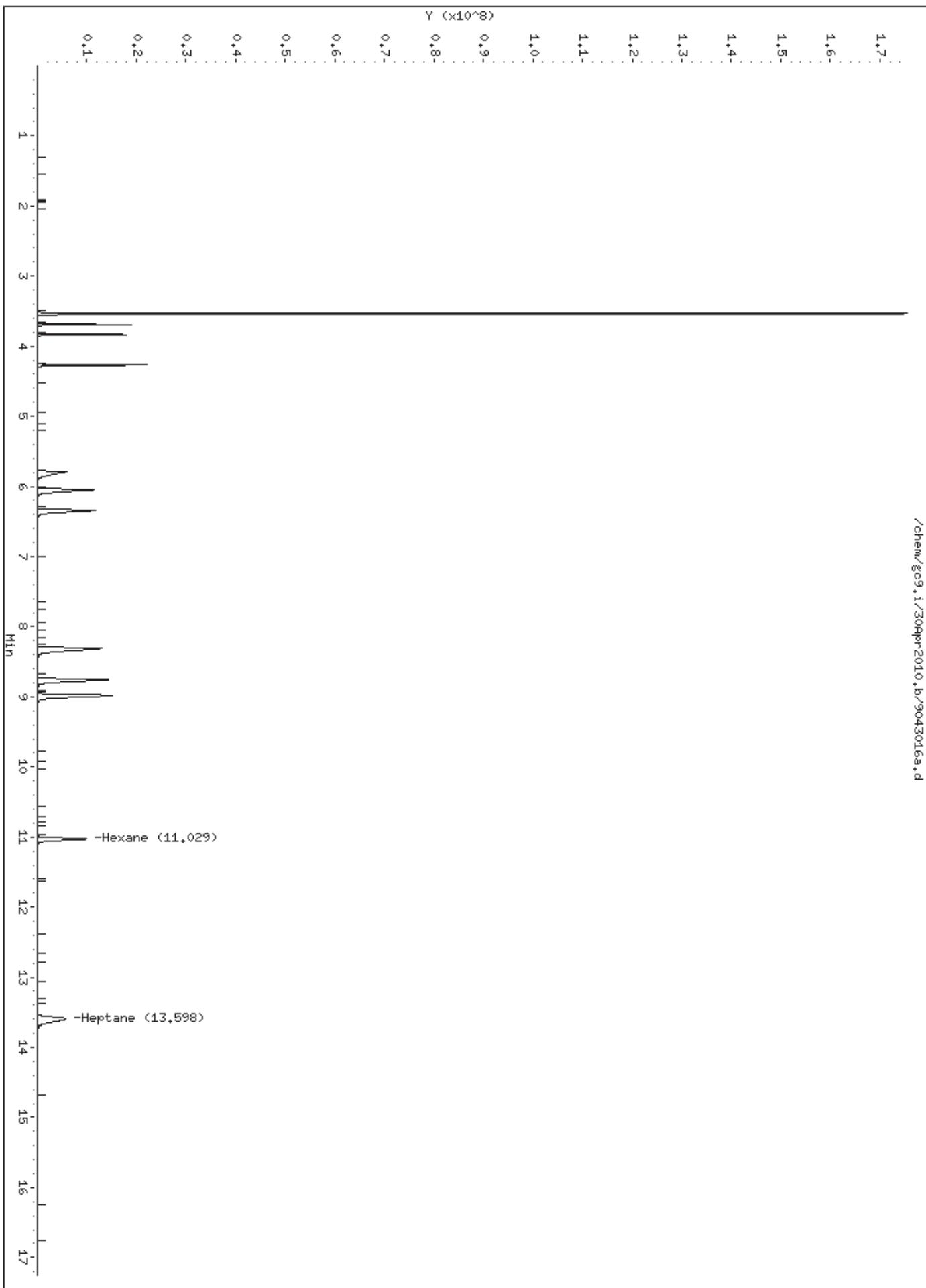
A - Target compound detected but, quantitated amount exceeded maximum amount.

Air Toxics Ltd.

RECOVERY REPORT

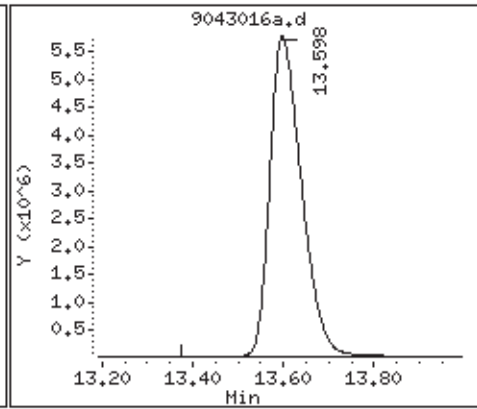
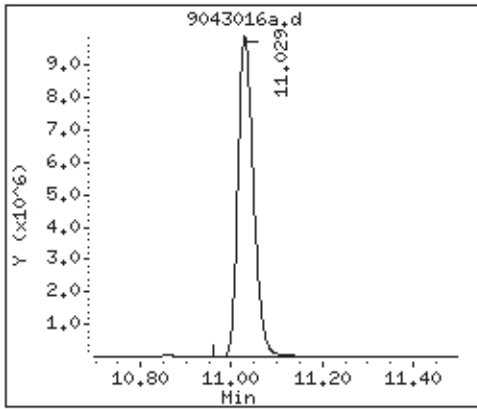
Client Name: Client SDG: 30Apr2010
Sample Matrix: GAS Fraction: Atm Gas
Lab Smp Id: 1476-1477 Client Smp ID: LCS
Level: LOW Operator: gd
Data Type: GC DATA SampleType: LCS
SpikeList File: HexHep.spk Quant Type: ESTD
Sublist File: HexHep.sub
Method File: /chem/gc9.i/30Apr2010.b/910n0430.m
Misc Info: LCS

SPIKE COMPOUND	CONC ADDED %	CONC RECOVERED %	% RECOVERED	LIMITS
39 Hexane	0.257	0.255	99.10	85-115
40 Heptane	0.259	0.262	101.34	85-115



39 Hexane

40 Heptane



Air Toxics Ltd.

Modified ASTM-1945 Analysis

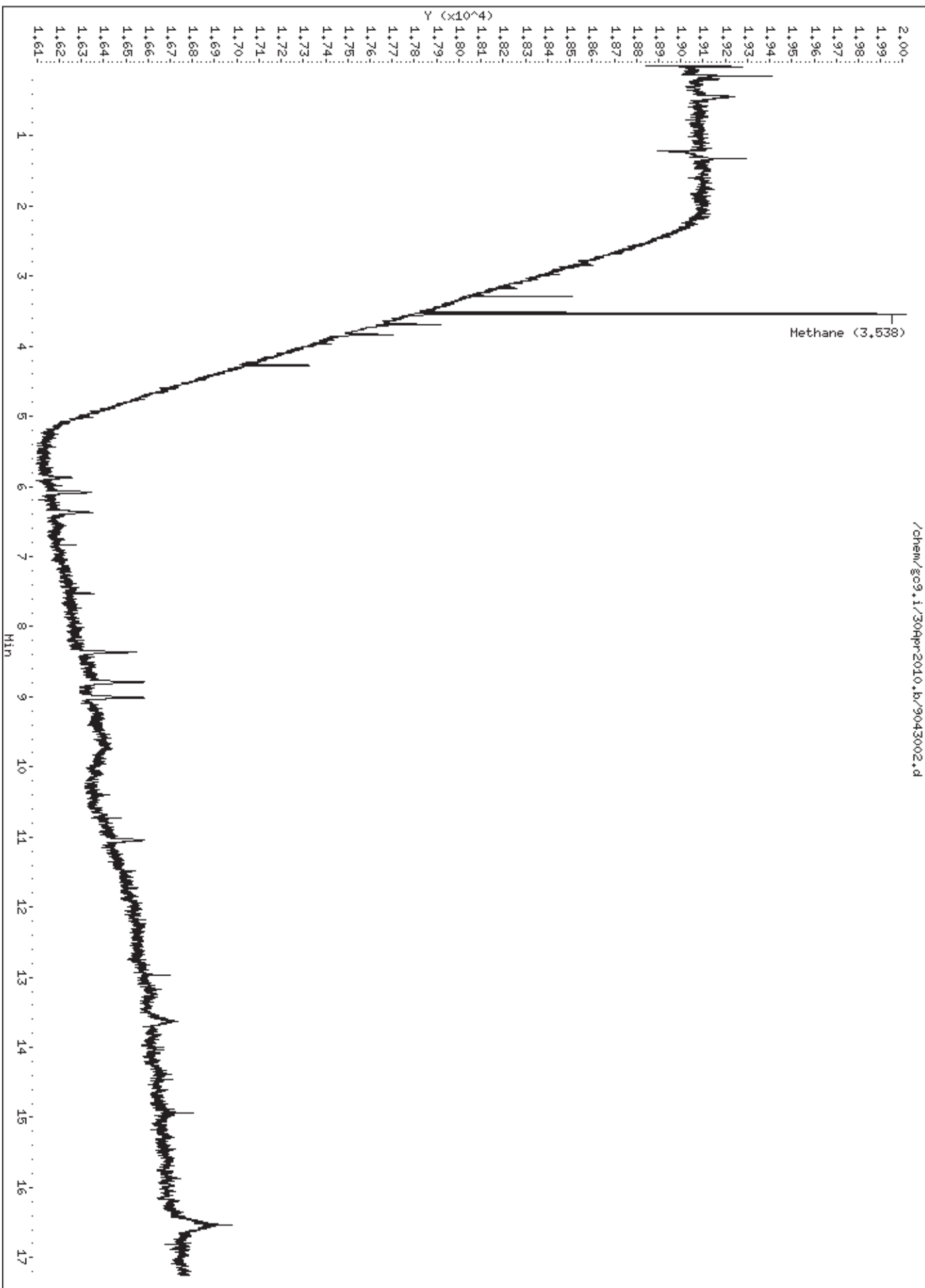
Data file : /chem/gc9.i/30Apr2010.b/9043002.d
Lab Smp Id: 1830-35 Client Smp ID: Level-1:
Inj Date : 30-APR-2010 09:54
Operator : ly Inst ID: gc9.i
Smp Info : 1.0mL,34368
Misc Info : CH4
Comment : GC FID
Method : /chem/gc9.i/30Apr2010.b/910n0430.m
Meth Date : 03-May-2010 11:40 gmash Quant Type: ESTD
Cal Date : 30-APR-2010 09:54 Cal File: 9043002.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ch4.sub
Target Version: 3.50
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

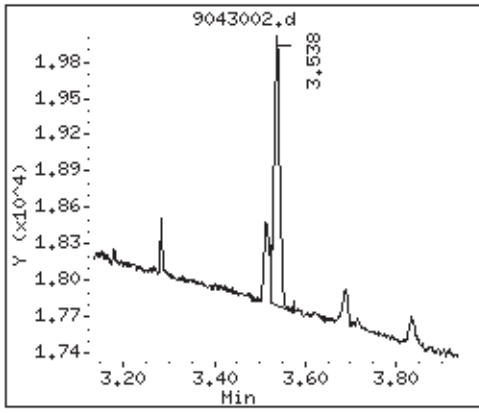
Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (%)	ON-COL (%)
=====	==	=====	=====	=====	=====	=====
2 Methane	3.538	3.536	0.002	20208	0.00010	0.000100



2 Methane



Air Toxics Ltd.

Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/30Apr2010.b/9043003a.d
Lab Smp Id: 1830-34 Client Smp ID: Level-2:
Inj Date : 30-APR-2010 10:17
Operator : ly Inst ID: gc9.i
Smp Info : 1.0mL,13671
Misc Info : C1-C6
Comment : GC FID
Method : /chem/gc9.i/30Apr2010.b/910n0430.m
Meth Date : 03-May-2010 11:43 gmash Quant Type: ESTD
Cal Date : 30-APR-2010 10:17 Cal File: 9043003a.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: HexHep.sub
Target Version: 3.50
Processing Host: eeyore

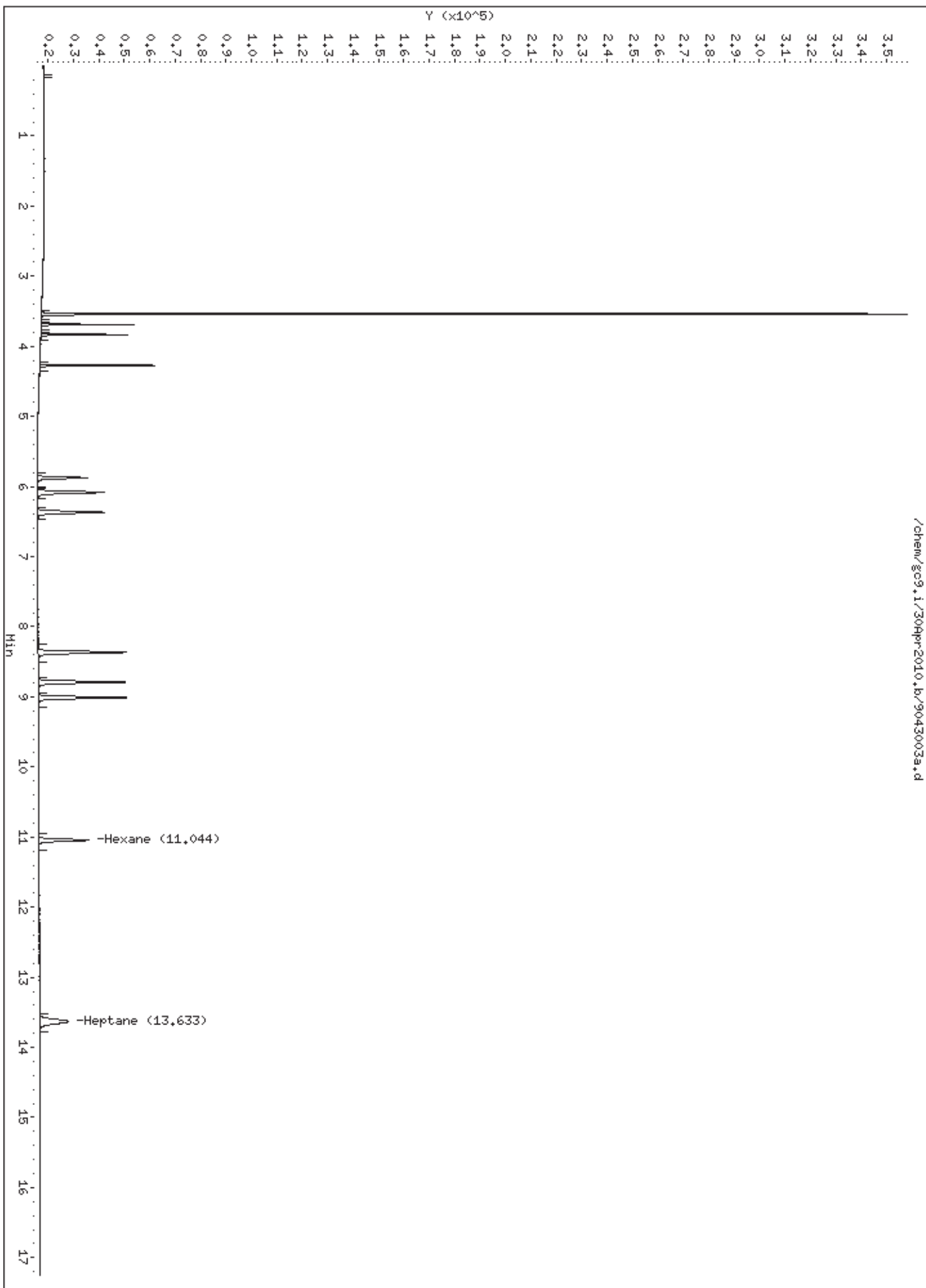
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (%)	ON-COL (%)
=====	==	=====	=====	=====	=====	=====
39 Hexane	11.044	11.098	-0.054	450644	0.00050	0.000486(a)
40 Heptane	13.633	13.593	0.040	534811	0.00052	0.000497(a)

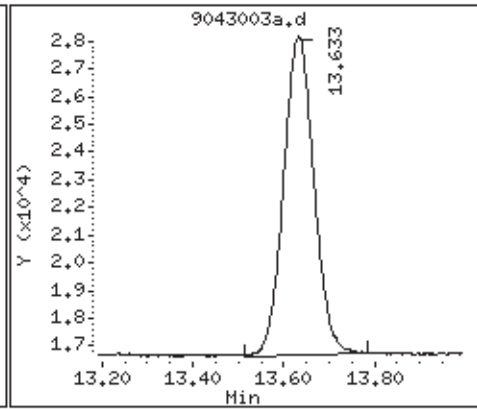
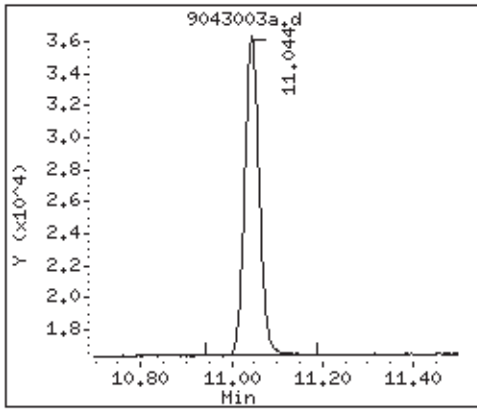
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).



39 Hexane

40 Heptane



Air Toxics Ltd.

Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/30Apr2010.b/9043003.d
Lab Smp Id: 1830-34 Client Smp ID: Level-2:
Inj Date : 30-APR-2010 10:17
Operator : ly Inst ID: gc9.i
Smp Info : 1.0mL,13671
Misc Info : C1-C6
Comment : GC FID
Method : /chem/gc9.i/30Apr2010.b/910n0430.m
Meth Date : 03-May-2010 11:40 gmash Quant Type: ESTD
Cal Date : 30-APR-2010 10:17 Cal File: 9043003.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

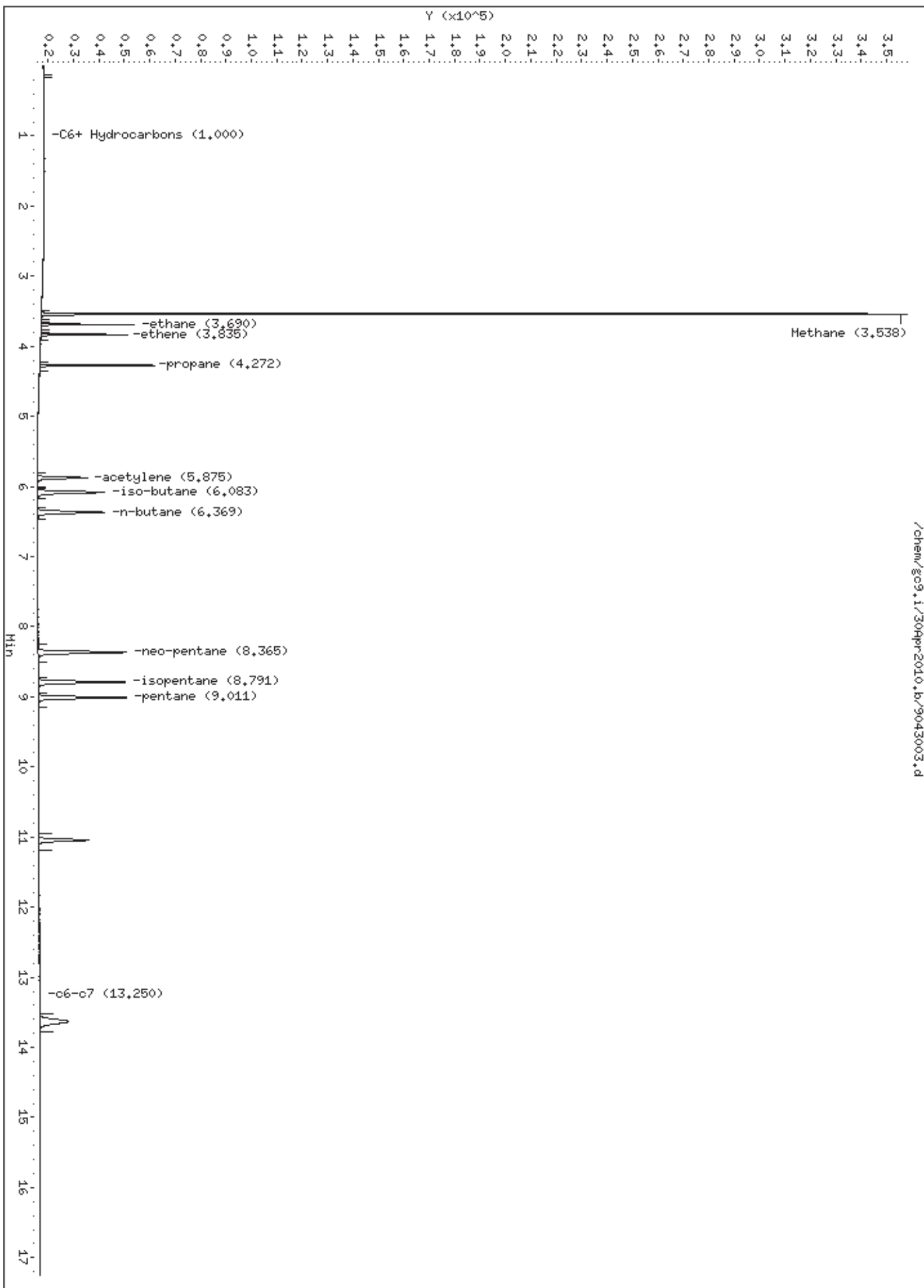
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

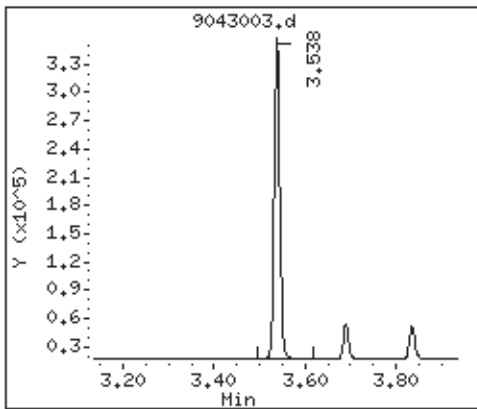
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (%)	ON-COL (%)
2 Methane	3.538	3.536	0.002	3028605	0.01970	0.0170
3 ethane	3.690	3.688	0.002	292701	0.00098	0.000980(a)
4 ethene	3.835	3.833	0.002	291143	0.00099	0.000990(a)
5 propane	4.272	4.267	0.005	444823	0.00100	0.00100
7 acetylene	5.875	5.792	0.083	356261	0.00099	0.000990(a)
8 iso-butane	6.083	6.049	0.034	580874	0.00099	0.000990(a)
10 n-butane	6.369	6.342	0.027	583891	0.00099	0.000990(a)
15 neo-pentane	8.365	8.309	0.056	784290	0.00100	0.00100
16 isopentane	8.791	8.754	0.037	746938	0.00100	0.00100
17 pentane	9.011	8.981	0.030	752239	0.00100	0.00100
S 36 c8+				Compound Not Detected.		

QC Flag Legend

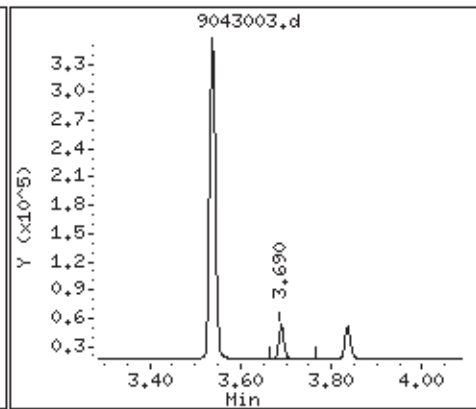
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).



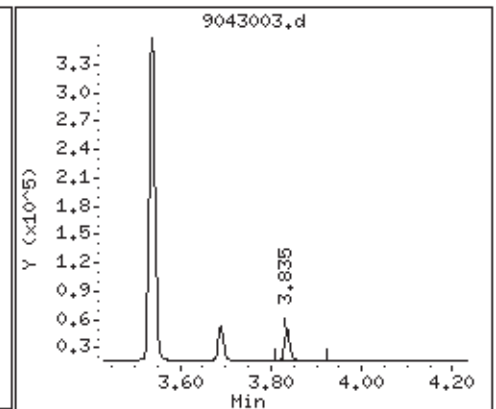
2 Methane



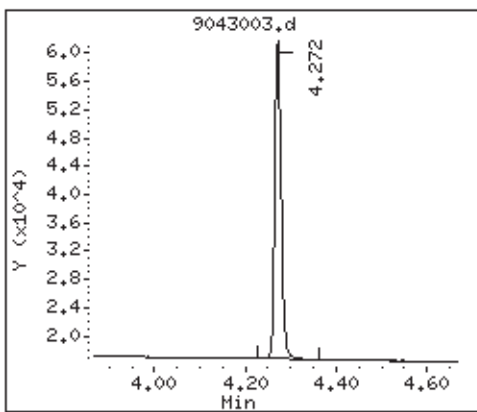
3 ethane



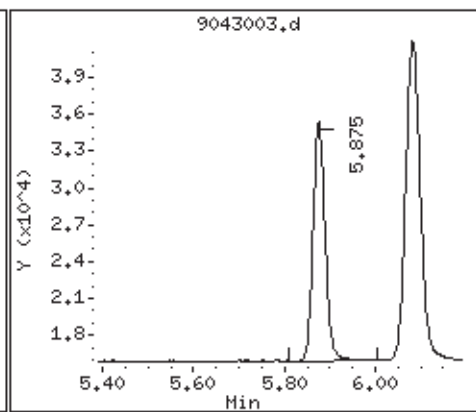
4 ethene



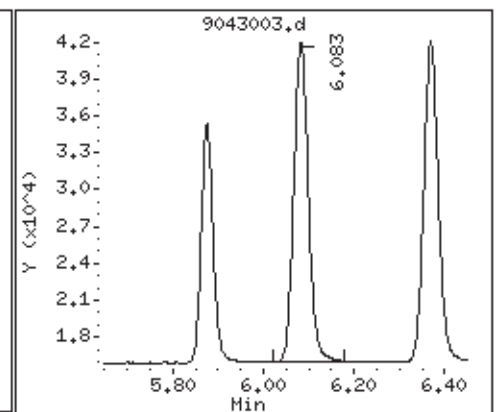
5 propane



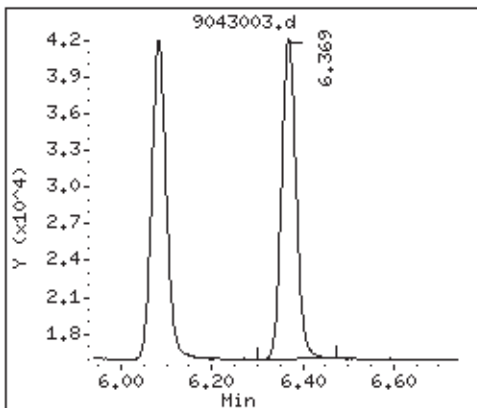
7 acetylene



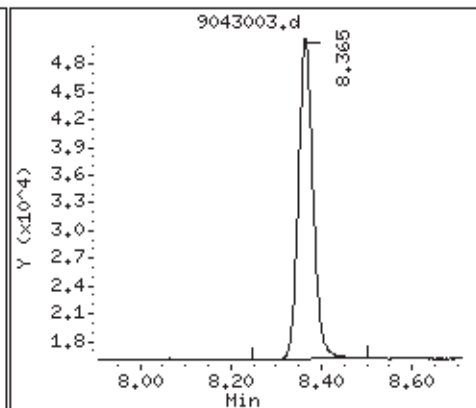
8 iso-butane



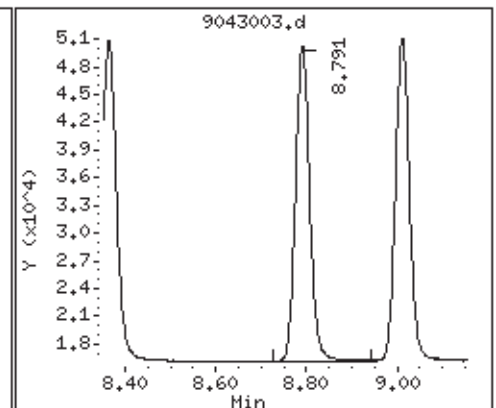
10 n-butane



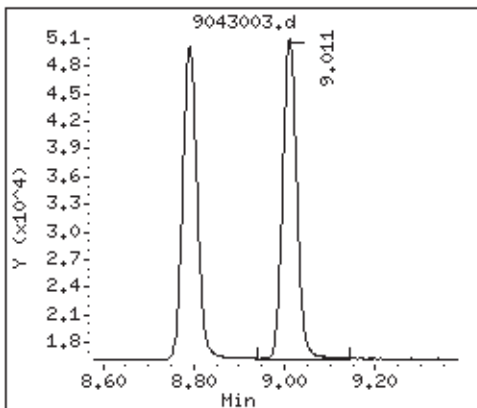
15 neo-pentane



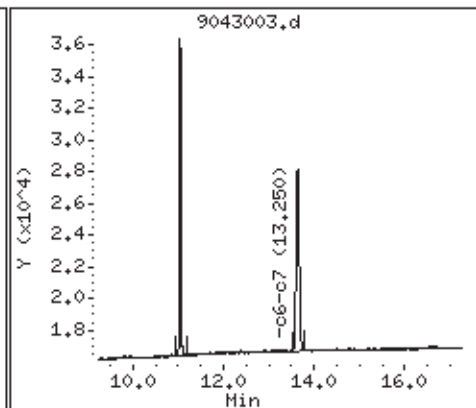
16 isopentane



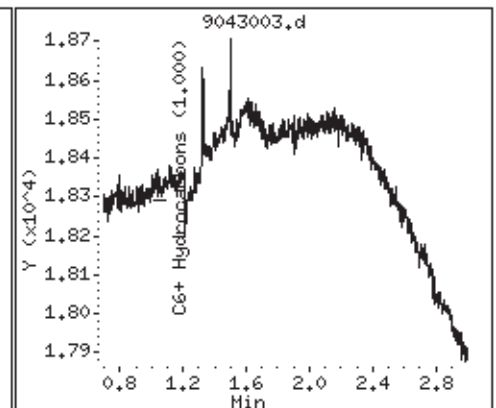
17 pentane



S 22 c6-c7



S 36 c8+ (Undetected)



Air Toxics Ltd.

Modified ASTM-1945 Analysis

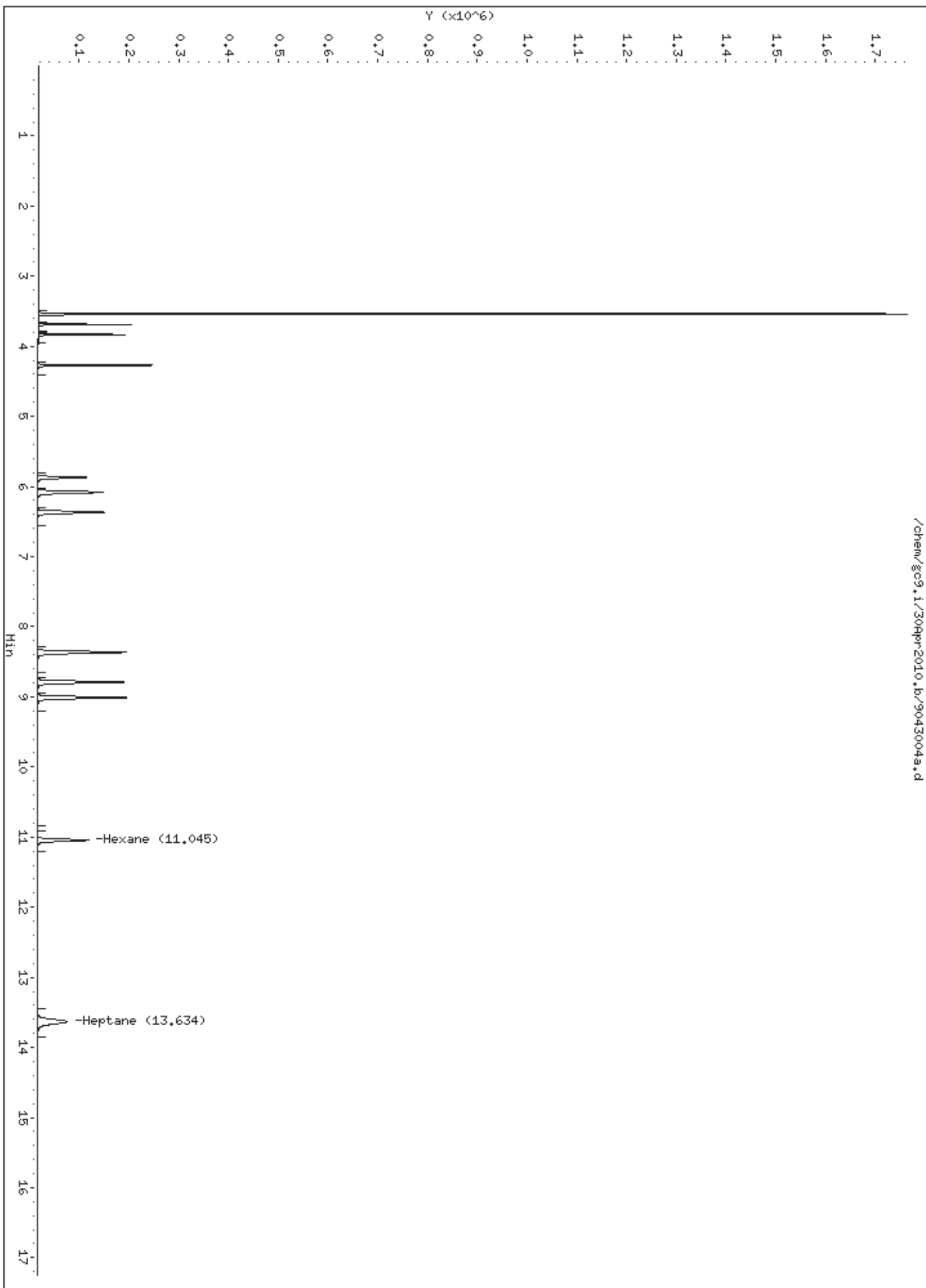
Data file : /chem/gc9.i/30Apr2010.b/9043004a.d
Lab Smp Id: 1830-33 Client Smp ID: Level-3:
Inj Date : 30-APR-2010 10:42
Operator : ly Inst ID: gc9.i
Smp Info : 1.0mL,4267
Misc Info : C1-C6
Comment : GC FID
Method : /chem/gc9.i/30Apr2010.b/910n0430.m
Meth Date : 03-May-2010 11:43 gmash Quant Type: ESTD
Cal Date : 30-APR-2010 10:42 Cal File: 9043004a.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: HexHep.sub
Target Version: 3.50
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable

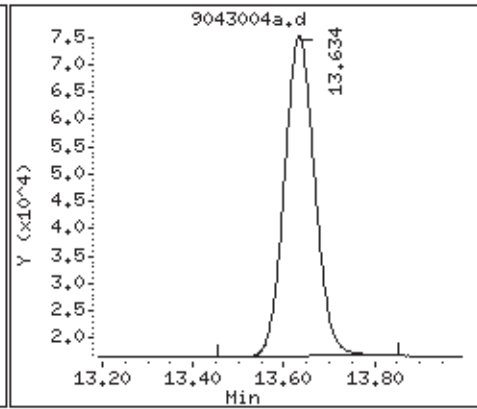
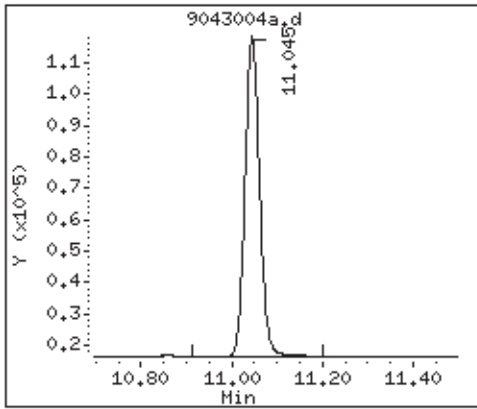
Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (%)	ON-COL (%)
===== 39 Hexane	11.045	11.098	-0.053	2292189	0.00251	0.00247
40 Heptane	13.634	13.593	0.041	2735957	0.00261	0.00254



39 Hexane

40 Heptane



Air Toxics Ltd.

Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/30Apr2010.b/9043004.d
 Lab Smp Id: 1830-33 Client Smp ID: Level-3:
 Inj Date : 30-APR-2010 10:42
 Operator : ly Inst ID: gc9.i
 Smp Info : 1.0mL,4267
 Misc Info : C1-C6
 Comment : GC FID
 Method : /chem/gc9.i/30Apr2010.b/910n0430.m
 Meth Date : 03-May-2010 11:40 gmash Quant Type: ESTD
 Cal Date : 30-APR-2010 10:42 Cal File: 9043004.d
 Als bottle: 1 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: ngas.sub
 Target Version: 3.50
 Processing Host: eeyore

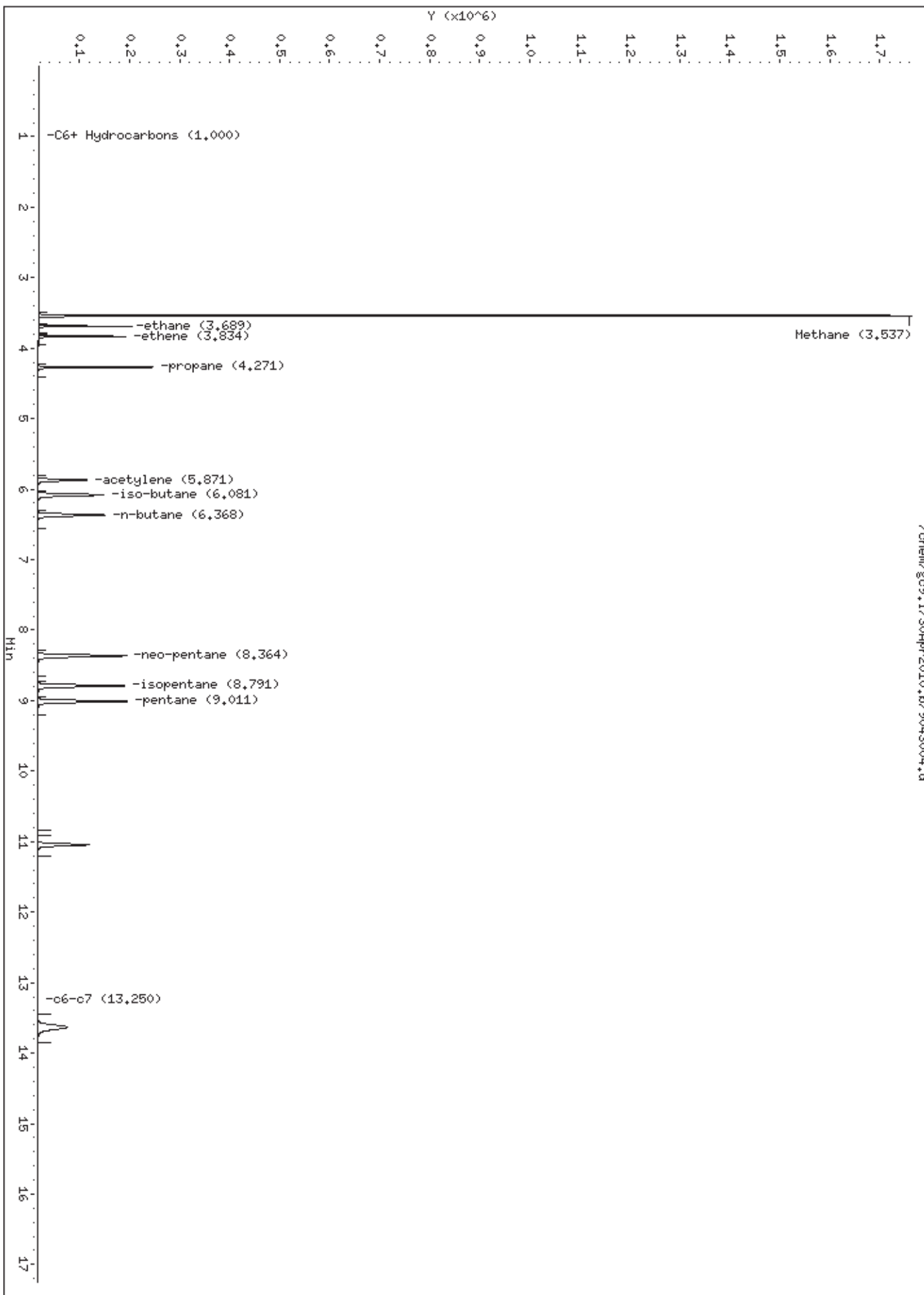
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

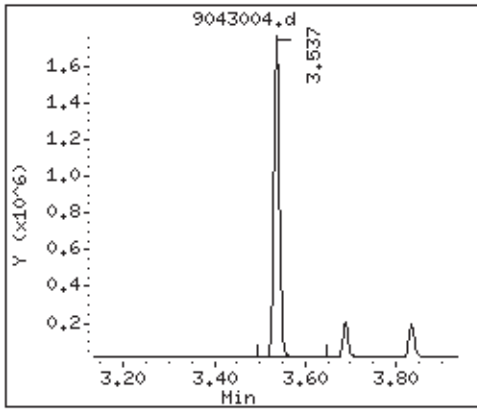
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (%)	ON-COL (%)
2 Methane	3.537	3.536	0.001	15407518	0.09935	0.0905
3 ethane	3.689	3.688	0.001	1488950	0.00496	0.00497
4 ethene	3.834	3.833	0.001	1475897	0.00499	0.00500
5 propane	4.271	4.267	0.004	2280848	0.00503	0.00508
7 acetylene	5.871	5.792	0.079	1838188	0.00500	0.00505
8 iso-butane	6.081	6.049	0.032	3007973	0.00499	0.00506
10 n-butane	6.368	6.342	0.026	3000901	0.00499	0.00504
15 neo-pentane	8.364	8.309	0.055	4044165	0.00504	0.00510
16 isopentane	8.791	8.754	0.037	3822852	0.00504	0.00508
17 pentane	9.011	8.981	0.030	3854788	0.00504	0.00508
M 37 C6+ Hydrocarbons				5036810	0.00507	0.00512(a)
S 22 c6-c7	9.250-17.250			5036810	0.00512	0.00512
S 36 c8+				Compound Not Detected.		

QC Flag Legend

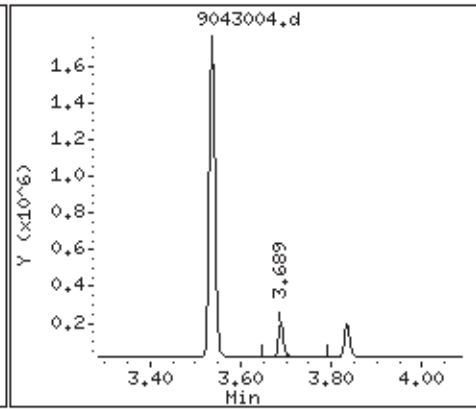
a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).



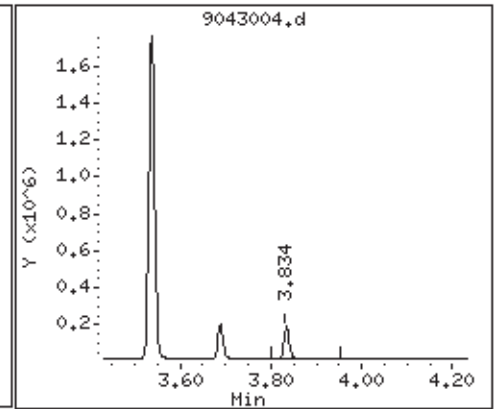
2 Methane



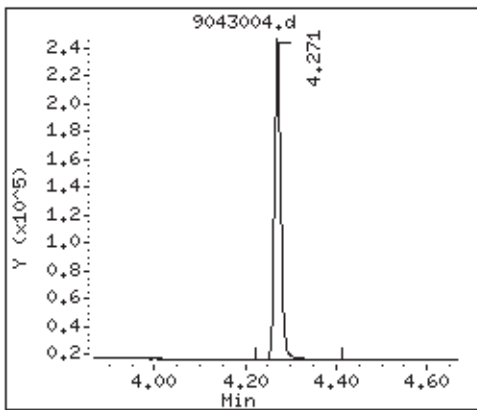
3 ethane



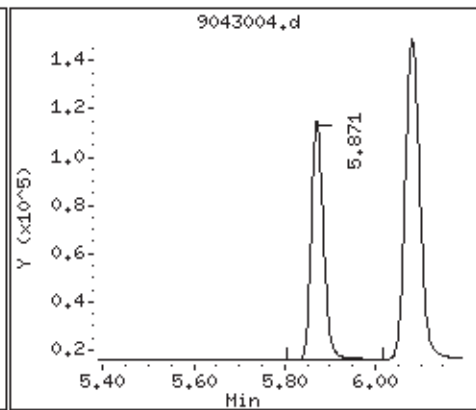
4 ethene



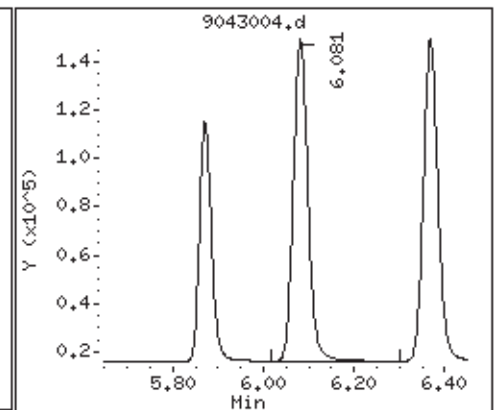
5 propane



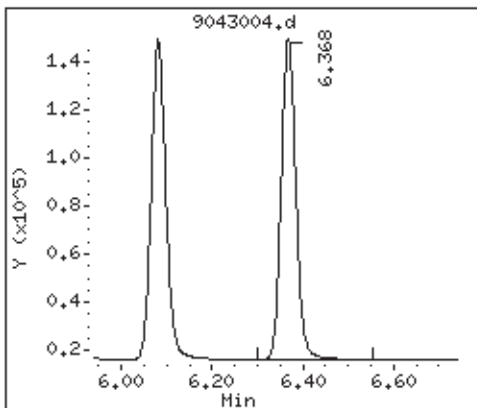
7 acetylene



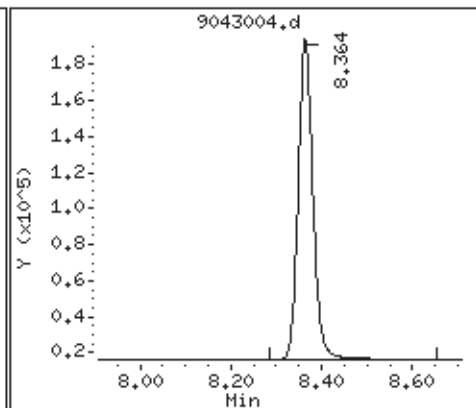
8 iso-butane



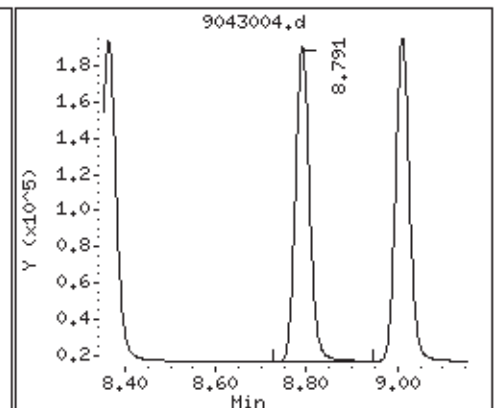
10 n-butane



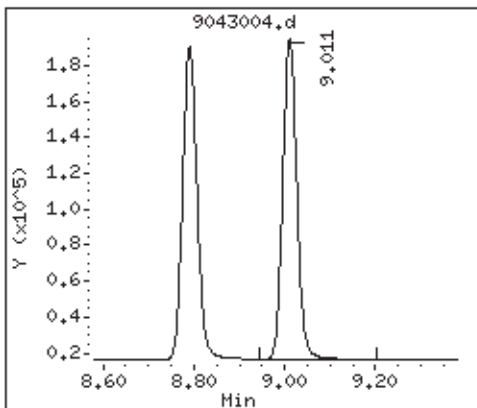
15 neo-pentane



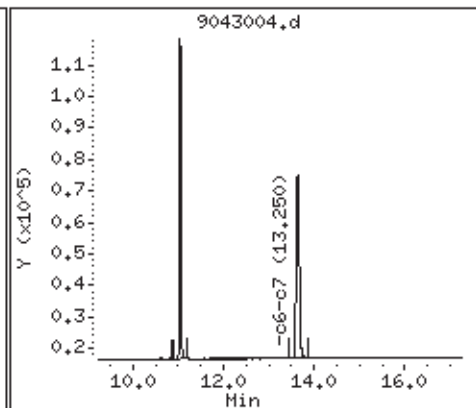
16 isopentane



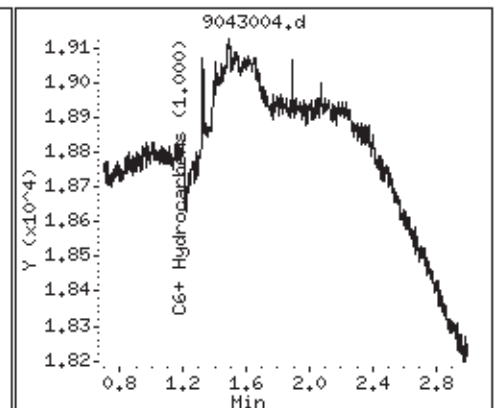
17 pentane



S 22 c6-c7



S 36 c8+ (Undetected)



Air Toxics Ltd.

Modified ASTM-1945 Analysis

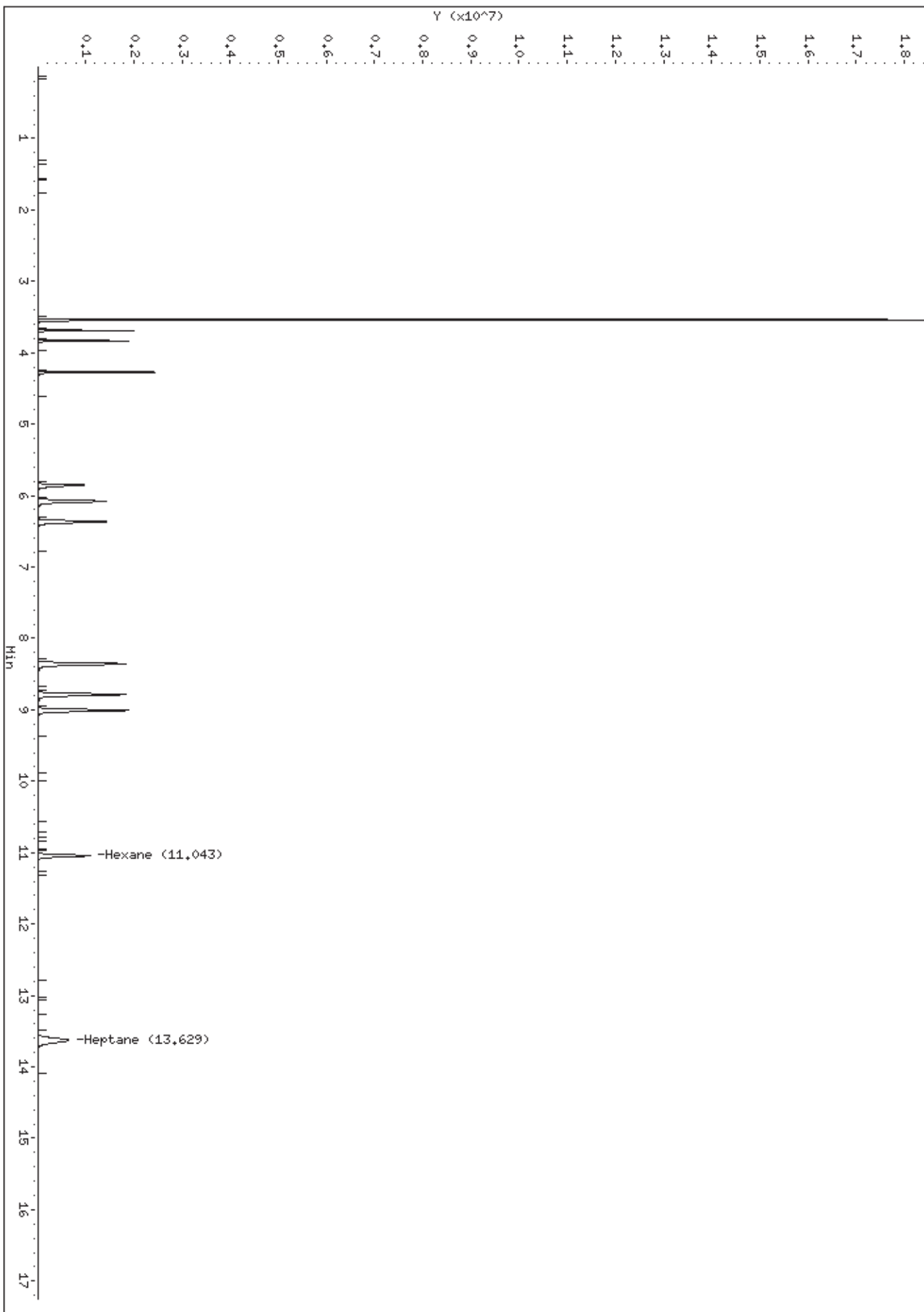
Data file : /chem/gc9.i/30Apr2010.b/9043005a.d
Lab Smp Id: 1544-365B Client Smp ID: Level-4:
Inj Date : 30-APR-2010 11:13
Operator : ly Inst ID: gc9.i
Smp Info : 1.0mL,34219
Misc Info : C1-C6
Comment : GC FID
Method : /chem/gc9.i/30Apr2010.b/910n0430.m
Meth Date : 03-May-2010 11:43 gmash Quant Type: ESTD
Cal Date : 30-APR-2010 11:13 Cal File: 9043005a.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: HexHep.sub
Target Version: 3.50
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable

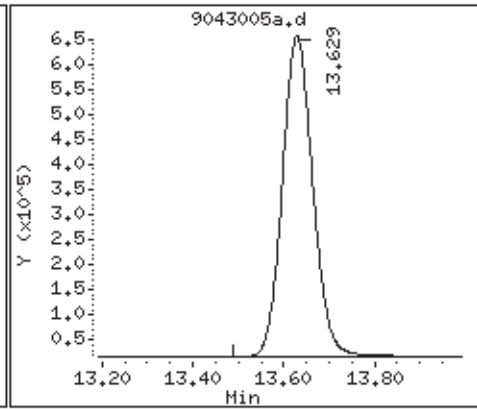
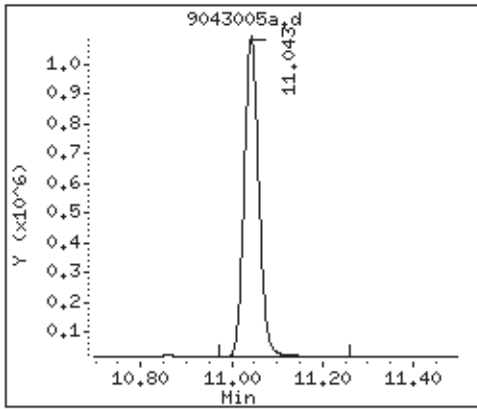
Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (%)	ON-COL (%)
===== 39 Hexane	11.043	11.098	-0.055	24408662	0.02510	0.0263
40 Heptane	13.629	13.593	0.036	29965543	0.02610	0.0278



39 Hexane

40 Heptane



Air Toxics Ltd.

Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/30Apr2010.b/9043005.d
 Lab Smp Id: 1544-365B Client Smp ID: Level-4:
 Inj Date : 30-APR-2010 11:13
 Operator : ly Inst ID: gc9.i
 Smp Info : 1.0mL,34219
 Misc Info : C1-C6
 Comment : GC FID
 Method : /chem/gc9.i/30Apr2010.b/910n0430.m
 Meth Date : 03-May-2010 11:40 gmash Quant Type: ESTD
 Cal Date : 30-APR-2010 11:13 Cal File: 9043005.d
 Als bottle: 1 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: ngas.sub
 Target Version: 3.50
 Processing Host: eeyore

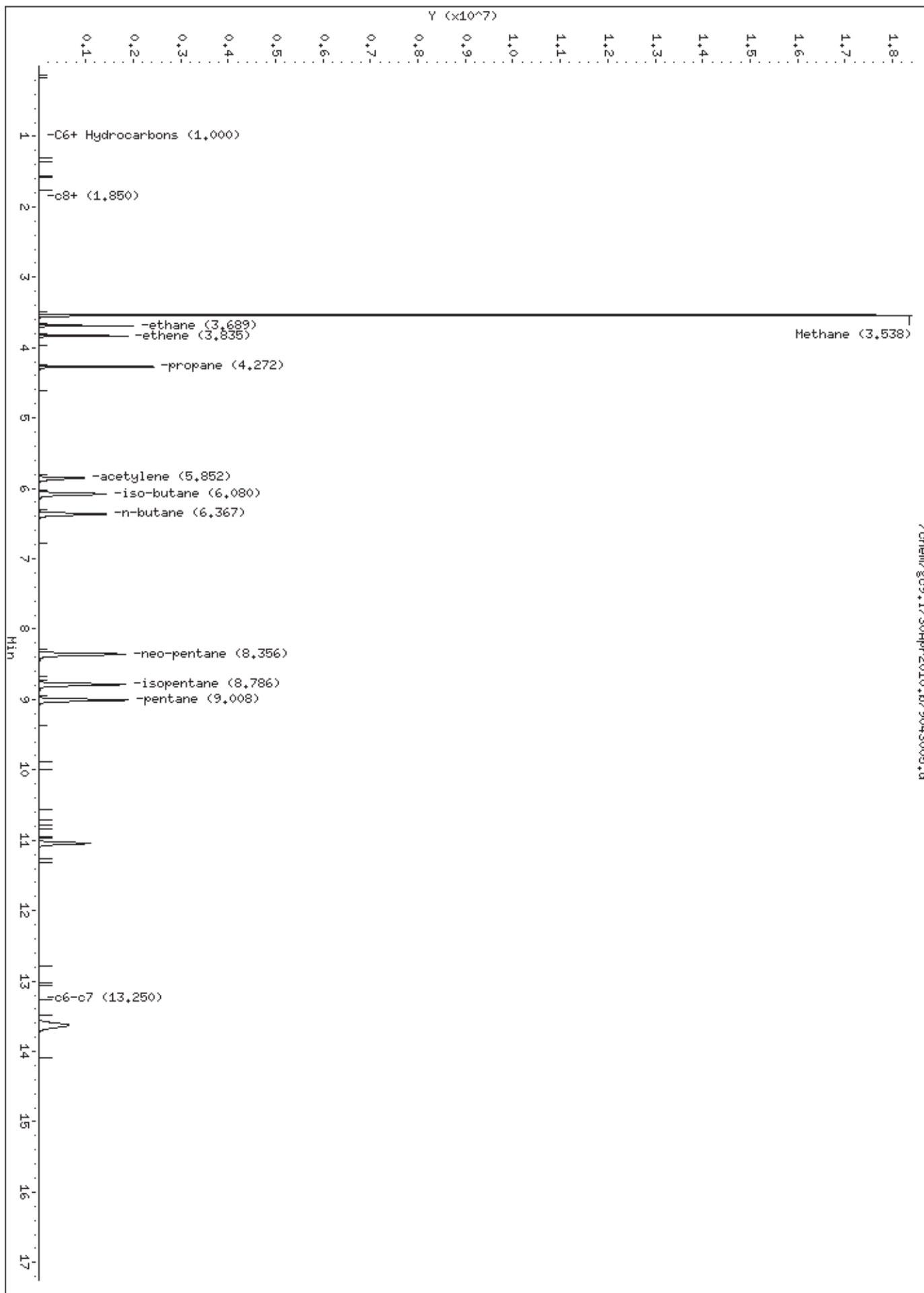
Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

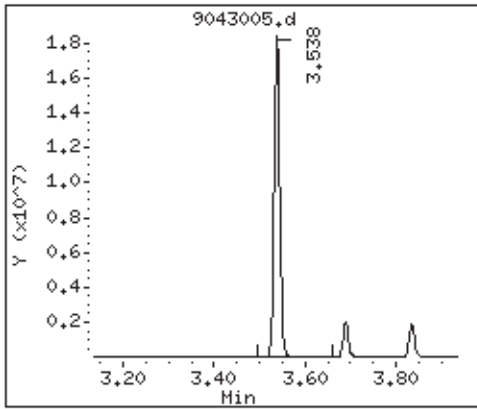
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (%)	ON-COL (%)
2 Methane	3.538	3.536	0.002	163594632	0.99500	0.969
3 ethane	3.689	3.688	0.001	15832365	0.04970	0.0518
4 ethene	3.835	3.833	0.002	15729875	0.05000	0.0522
5 propane	4.272	4.267	0.005	24288785	0.05040	0.0528
7 acetylene	5.852	5.792	0.060	19760318	0.05010	0.0528
8 iso-butane	6.080	6.049	0.031	32071068	0.05000	0.0525
10 n-butane	6.367	6.342	0.025	32106795	0.05000	0.0525
15 neo-pentane	8.356	8.309	0.047	42871836	0.05050	0.0528
16 isopentane	8.786	8.754	0.032	40505905	0.05050	0.0527
17 pentane	9.008	8.981	0.027	40923805	0.05050	0.0527
M 37 C6+ Hydrocarbons				55003418	0.50700	0.0533
S 22 c6-c7	9.250-17.250			54778043	0.05120	0.0533
S 36 c8+	0.700-3.000			225375	0.02000	(a)

QC Flag Legend

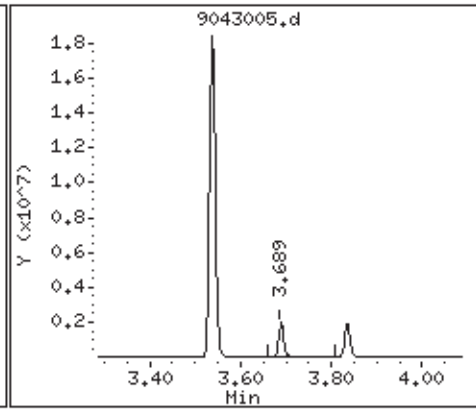
a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).



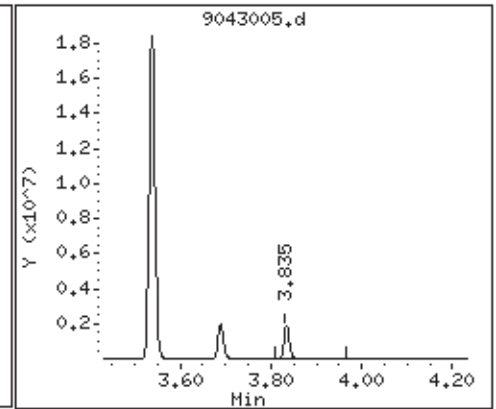
2 Methane



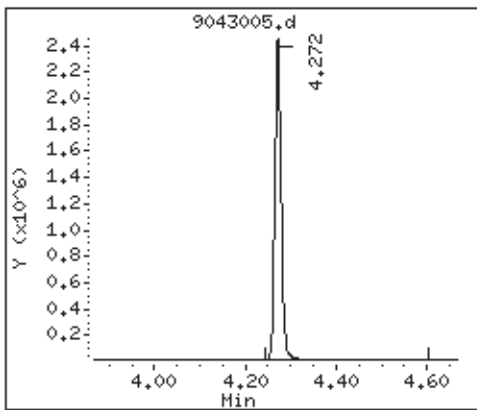
3 ethane



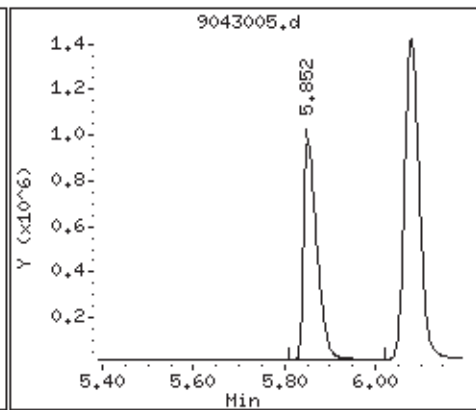
4 ethene



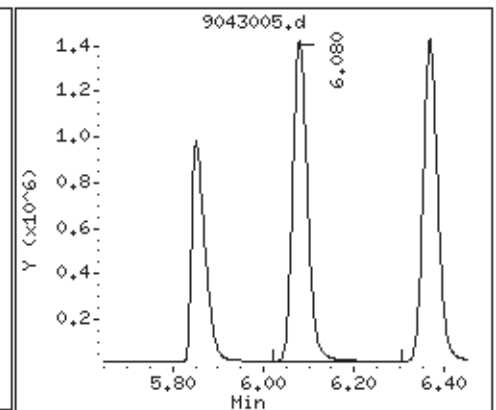
5 propane



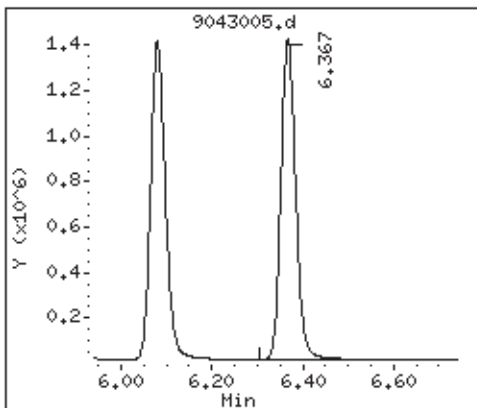
7 acetylene



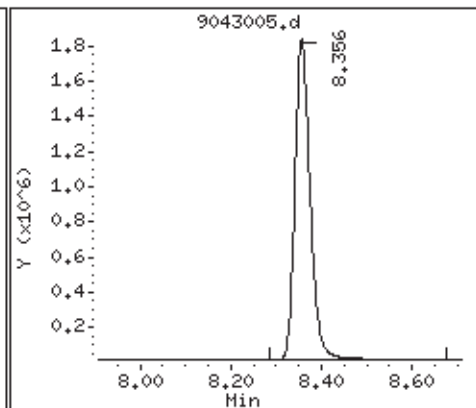
8 iso-butane



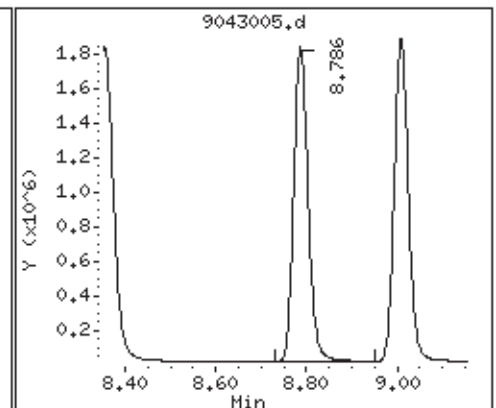
10 n-butane



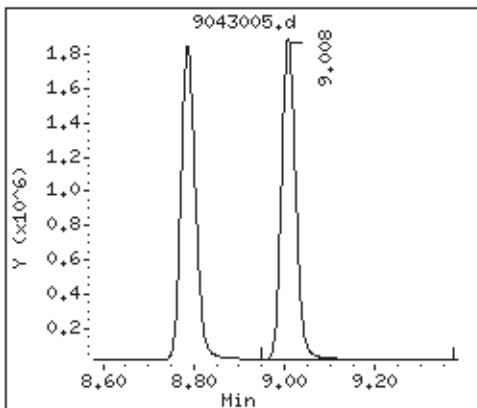
15 neo-pentane



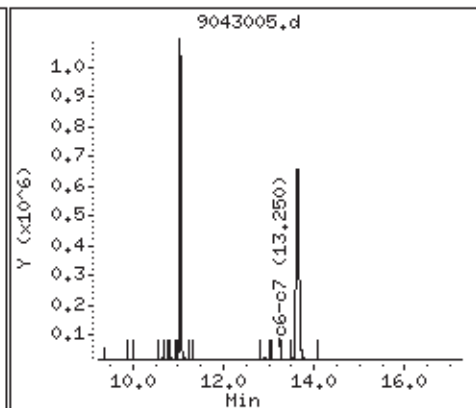
16 isopentane



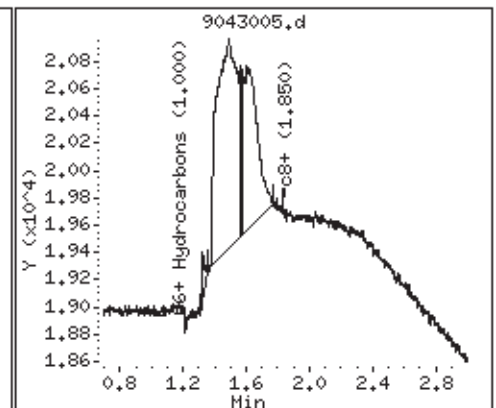
17 pentane



S 22 c6-c7



S 36 c8+



Air Toxics Ltd.

Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/30Apr2010.b/9043006a.d
Lab Smp Id: 1544-365B Client Smp ID: Level-5:
Inj Date : 30-APR-2010 11:37
Operator : ly Inst ID: gc9.i
Smp Info : 1.0mL,34219
Misc Info : C1-C6
Comment : GC FID
Method : /chem/gc9.i/30Apr2010.b/910n0430.m
Meth Date : 03-May-2010 11:43 gmash Quant Type: ESTD
Cal Date : 30-APR-2010 11:37 Cal File: 9043006a.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: HexHep.sub
Target Version: 3.50
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

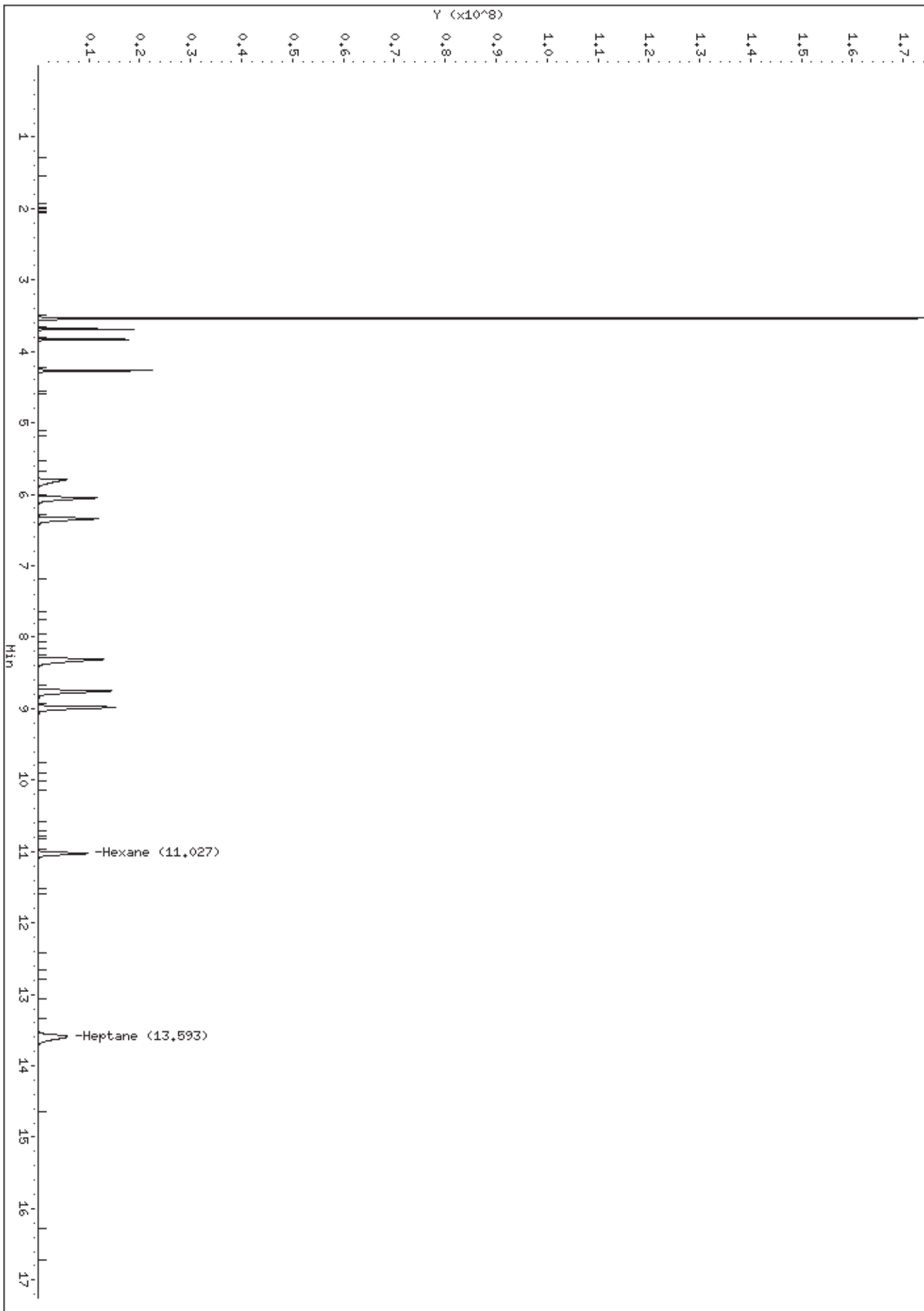
Cpnd Variable

Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (%)	ON-COL (%)
===== 39 Hexane	11.027	11.098	-0.071	231159408	0.25100	0.249
40 Heptane	13.593	13.593	0.000	281747777	0.26100	0.262(A)

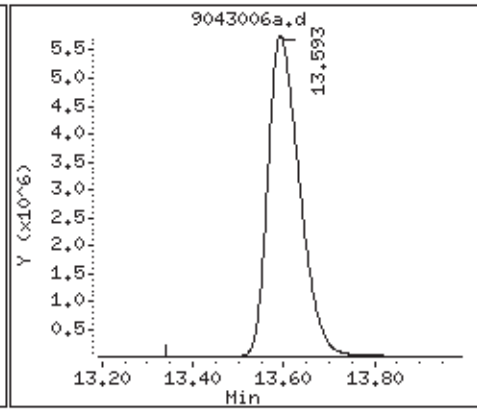
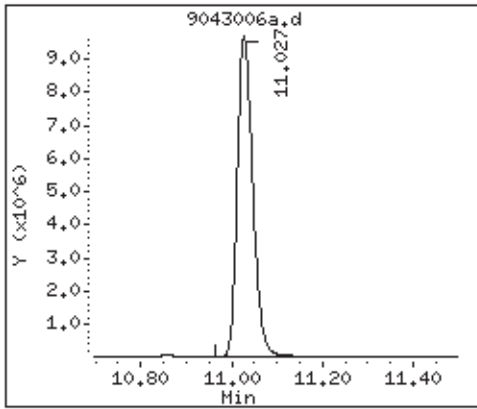
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.



39 Hexane

40 Heptane



Air Toxics Ltd.

Modified ASTM-1945 Analysis

Data file : /chem/gc9.i/30Apr2010.b/9043006.d
Lab Smp Id: 1544-365B Client Smp ID: Level-5:
Inj Date : 30-APR-2010 11:37
Operator : ly Inst ID: gc9.i
Smp Info : 1.0mL,34219
Misc Info : C1-C6
Comment : GC FID
Method : /chem/gc9.i/30Apr2010.b/910n0430.m
Meth Date : 03-May-2010 11:40 gmash Quant Type: ESTD
Cal Date : 30-APR-2010 11:37 Cal File: 9043006.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ngas.sub
Target Version: 3.50
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (%)	ON-COL (%)
2 Methane	3.536	3.536	0.000	1517483193	9.95000	9.16
3 ethane	3.688	3.688	0.000	148471057	0.49700	0.488
4 ethene	3.833	3.833	0.000	147277844	0.50000	0.491
5 propane	4.267	4.267	0.000	227849119	0.50400	0.497
7 acetylene	5.792	5.792	0.000	186734585	0.50100	0.500
8 iso-butane	6.049	6.049	0.000	301657034	0.50000	0.496
10 n-butane	6.342	6.342	0.000	303025106	0.50000	0.497
15 neo-pentane	8.309	8.309	0.000	404445910	0.50500	0.500
16 isopentane	8.754	8.754	0.000	383078537	0.50500	0.500
17 pentane	8.981	8.981	0.000	387982697	0.50500	0.501
M 37 C6+ Hydrocarbons				518462389	0.50000	0.506
S 22 c6-c7	9.250-17.250			516959851	0.51200	0.506
S 36 c8+	0.700-3.000			1502538	0.00000	(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

