

Method 8015B - DRO DOD

Diesel Range Organics (DRO) (GC) by
Method 8015B DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-21987-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): _____ ID: _____

Client Sample ID	Lab Sample ID	C91 #
079-0007-0001-SOUR CEWATER	240-21987-1	52
	MB 240-78624/21-A	63
	LCS 240-78624/22-A	56

C9 = n-Nonane

QC LIMITS
10-110

Column to be used to flag recovery values

FORM II 8015B_DRO/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-21987-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): _____ ID: _____

Client Sample ID	Lab Sample ID	C91 #
	MRL 240-78992/4	102
	MRL 240-78992/9	109
	MRL 240-79092/5	106
	MRL 240-79092/14	111 Q

C9 = n-Nonane

QC LIMITS
70-130

Column to be used to flag recovery values

FORM II 8015B_DRO/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P5B22012.D
 Lab ID: LCS 240-78624/22-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Diesel	2500	1930	77	36-124	

Column to be used to flag recovery and RPD values
 FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P5B21004.D
 Lab ID: MRL 240-78992/4 Client ID: _____

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	91.4 J	91	70-130	

Column to be used to flag recovery and RPD values
 FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P5B21009.D
 Lab ID: MRL 240-78992/9 Client ID: _____

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	98.8 J	99	70-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P5B22005.D
 Lab ID: MRL 240-79092/5 Client ID: _____

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	98.1 J	98	70-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P5B22014.D
 Lab ID: MRL 240-79092/14 Client ID: _____

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	102	102	70-130	

Column to be used to flag recovery and RPD values
 FORM III 8015B_DRO/DOD

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: MB 240-78624/21-A
 Matrix: Water Date Extracted: 03/18/2013 10:31
 Lab File ID:(1) P5B22011.D Lab File ID:(2) _____
 Date Analyzed:(1) 03/22/2013 11:17 Date Analyzed:(2) _____
 Instrument ID:(1) A2HP5R Instrument ID:(2) _____
 GC Column:(1) _____ ID: _____ GC Column:(2) _____ ID: _____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
079-0007-0001-SOURCEWATER	240-21987-1	03/21/2013 17:45	
	LCS 240-78624/22-A	03/22/2013 11:47	

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Sample No.: CCV 240-78992/5 Date Analyzed: 03/21/2013 17:16
 Instrument ID: A2HP5R GC Column: _____ ID: ()
 Lab File ID (Standard): P5B21005.D Heated Purge: (Y/N) N
 Calibration ID: 14111

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				C9		
				RT #		
CONTINUING CALIBRATION SURROGATE				3.71		
UPPER LIMIT				3.81		
LOWER LIMIT				3.61		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-78992/5 CCVRT		03/21/2013 17:16	P5B21005.D	3.71		
240-21987-1	079-0007-0001-SOURCEW ATER	03/21/2013 17:45	P5B21006.D	3.71		
CCV 240-78992/8		03/21/2013 18:45	P5B21008.D	3.71		

C9 = n-Nonane

C9 RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Client Sample ID: 079-0007-0001-SOURCEWATER Lab Sample ID: 240-21987-1
 Matrix: Water Lab File ID: P5B21006.D
 Analysis Method: 8015B_DRO/DOD Date Collected: 03/14/2013 12:00
 Extraction Method: 3520C Date Extracted: 03/18/2013 10:31
 Sample wt/vol: 1030(mL) Date Analyzed: 03/21/2013 17:45
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: _____ ID: _____
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 78992 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	230	U	490	230	230
STL00272	C20-C34	230	U	490	230	230

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	52		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\P5B21006.D
 Lims ID: 240-21987-O-1-A Client ID: 079-0007-0001-SOURCEWATER
 Inject. Date: 21-Mar-2013 17:45:54 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 240-0018143-006
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 56
 Lims Batch ID: 78992 Lims Sample ID: 6
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\TPH5R.m
 Last Update: 22-Mar-2013 09:42:48 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK029

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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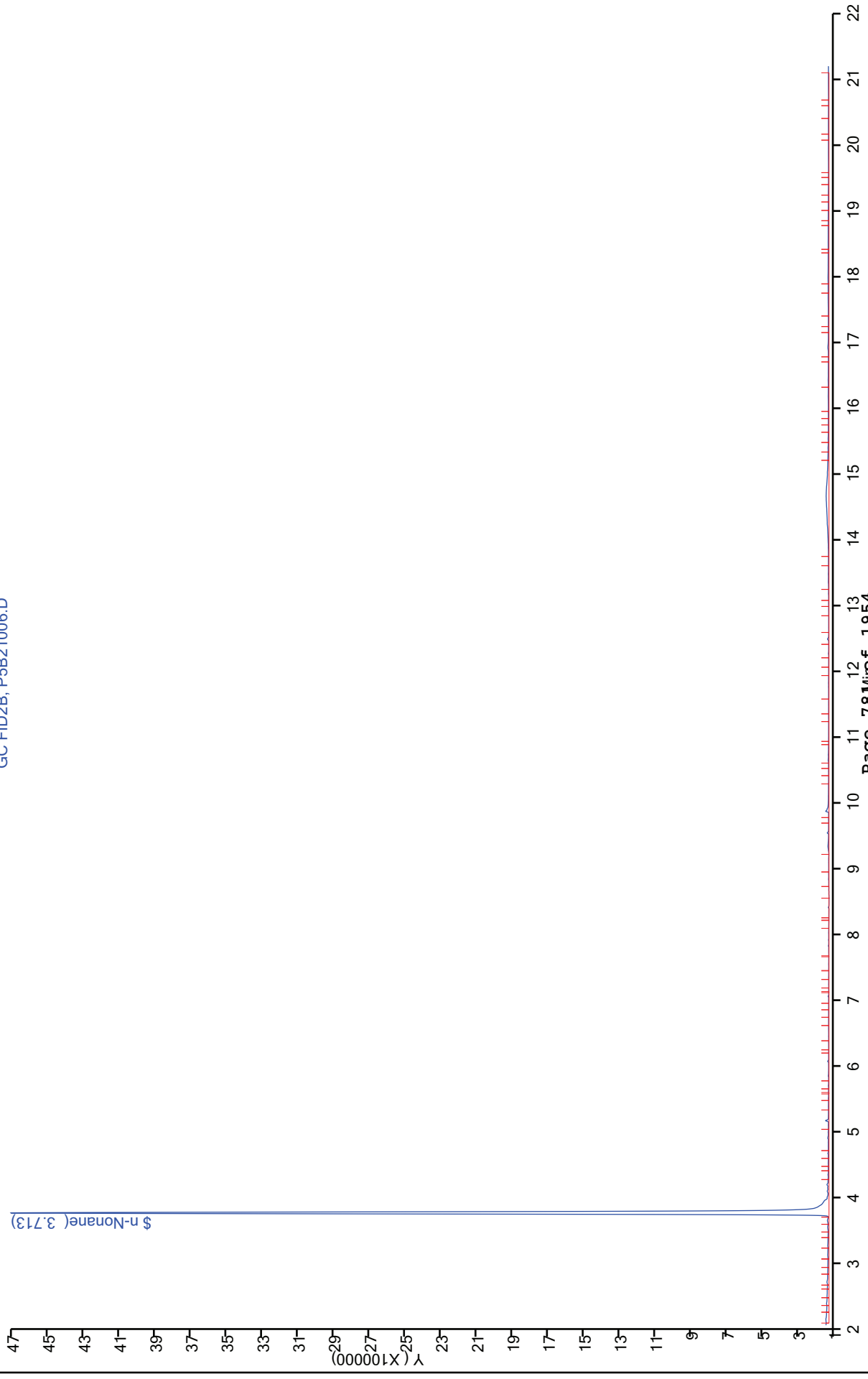
\$ 8 n-Nonane
 3.713 3.713 0.000 10377623 51.7
 A 12 C10-C20
 4.853 - 9.972
 A 15 Diesel
 4.853 - 13.335
 A 22 C20-C34
 9.972 - 15.155

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\P5B21006.D
Injection Date: 21-Mar-2013 17:45:54
Client ID: 079-0007-0001-SOURCEWATER
Lims Batch ID: 78992
Operator ID: 4275
Lims Sample ID: 6
Injection Vol: 1.0 ul
Column Dia:

Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R

GC FID2B, P5B21006.D



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-21987-1 Analy Batch No.: 77903

SDG No.: _____

Instrument ID: A2HP5R GC Column: _____ ID: _____ Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2013 16:19 Calibration End Date: 03/11/2013 18:22 Calibration ID: 14111

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-77903/4	P5B11004.D
Level 2	STD2 240-77903/5	P5B11005.D
Level 3	STD3 240-77903/6	P5B11006.D
Level 4	STD4 240-77903/7	P5B11007.D
Level 5	STD5 240-77903/8	P5B11008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	RT WINDOW	AVG RT
Diesel Range Organics [C10 - C28]	9.097	9.097	9.097	9.097	9.097	4.858 - 13.335	9.097
n-Nonane	3.719	3.725	3.725	3.727	3.728	3.649 - 3.789	3.725

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-21987-1 Analy Batch No.: 77903

SDG No.: _____

Instrument ID: A2HP5R GC Column: _____ ID: _____ Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2013 16:19 Calibration End Date: 03/11/2013 18:22 Calibration ID: 14111

Calibration Files:

LEVEL	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-77903/4	P5B11004.D
Level 2	STD2 240-77903/5	P5B11005.D
Level 3	STD3 240-77903/6	P5B11006.D
Level 4	STD4 240-77903/7	P5B11007.D
Level 5	STD5 240-77903/8	P5B11008.D

ANALYTE	CF					CURVE TYPE	B	COEFFICIENT		#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4	M1			M2									
Diesel Range Organics [C10 - C28]	154517 193069	189436	191622	190865	Ave		183901.941				9.0		20.0				
n-Nonane	171256 208715	206452	209883	206826	Ave		200626.379				8.2		20.0				

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-21987-1 Analy Batch No.: 77903

SDG No.: _____

Instrument ID: A2HP5R GC Column: _____ ID: _____ Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2013 16:19 Calibration End Date: 03/11/2013 18:22 Calibration ID: 14111

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-77903/4	P5B11004.D
Level 2	STD2 240-77903/5	P5B11005.D
Level 3	STD3 240-77903/6	P5B11006.D
Level 4	STD4 240-77903/7	P5B11007.D
Level 5	STD5 240-77903/8	P5B11008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Diesel Range Organics [C10 - C28]	Ave	15451723	37887160	95811018	190865171	386138932	100	200	500	1000	2000
n-Nonane	Ave	1712562	4129035	10494139	20682585	41743063	10.0	20.0	50.0	100	200

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11004.D
 Lims ID: STD1 DIESEL Client ID:
 Inject. Date: 11-Mar-2013 16:19:09 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 1
 Sample ID: 240-0017906-004
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 54
 Lims Batch ID: 77903 Lims Sample ID: 4
 Sublist: chrom-TPH5R*sub1
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\TPH5R.m
 Last Update: 12-Mar-2013 10:27:08 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK035

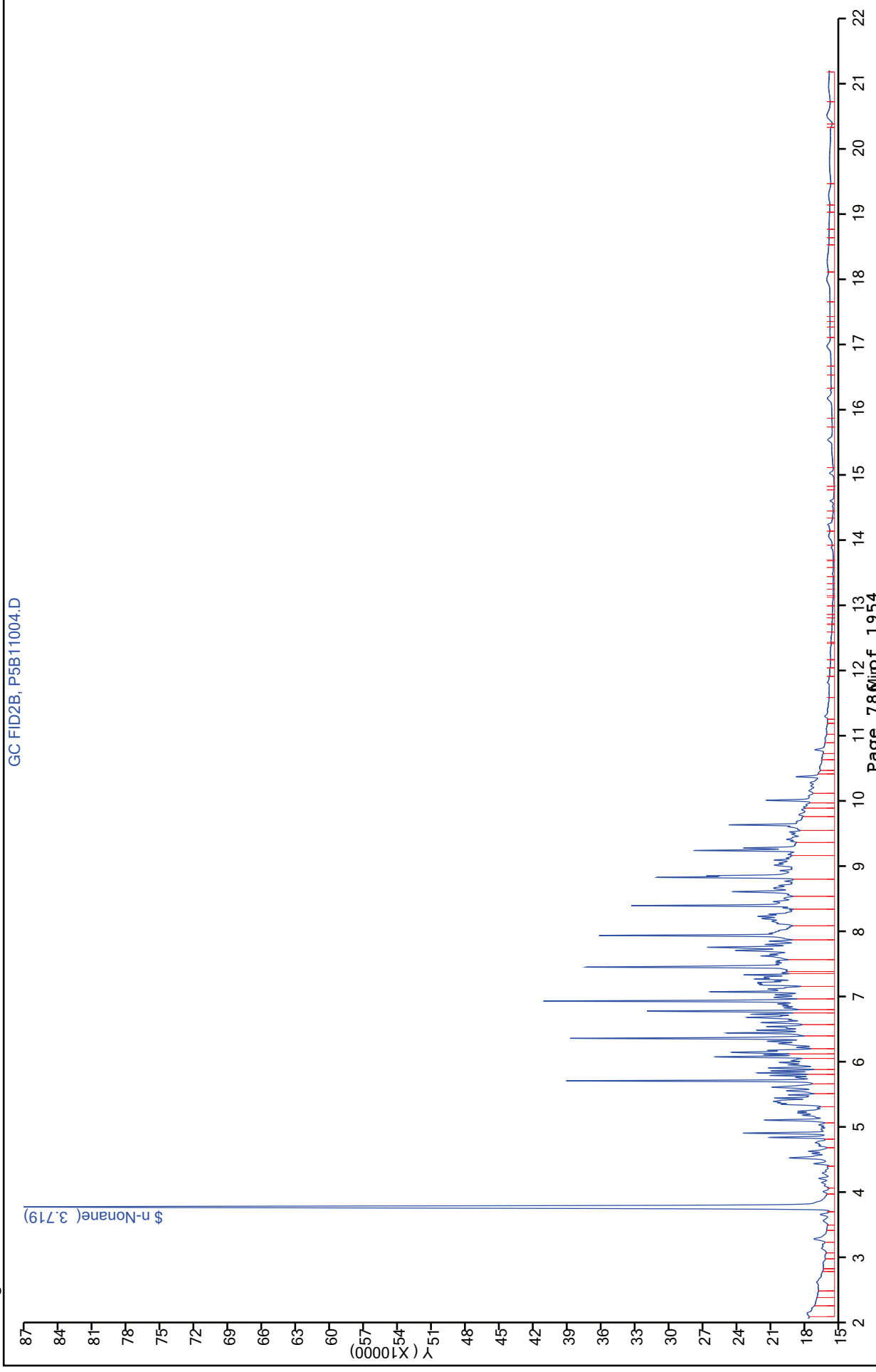
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\$ 8 n-Nonane
 3.719 3.719 0.000 1712562 8.54
 A 15 Diesel
 9.097 4.858 - 13.335 15451723 84.0

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11004.D
Injection Date: 11-Mar-2013 16:19:09
Client ID:
Lims Batch ID: 77903
Operator ID: 4275
Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R
Lims Sample ID: 4
Injection Vol: 1.0 ul
Column Dia:

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11005.D
 Lims ID: STD2 DIESEL Client ID:
 Inject. Date: 11-Mar-2013 16:50:00 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 2
 Sample ID: 240-0017906-005
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 55
 Lims Batch ID: 77903 Lims Sample ID: 5
 Sublist: chrom-TPH5R*sub1
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\TPH5R.m
 Last Update: 12-Mar-2013 10:27:09 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK035

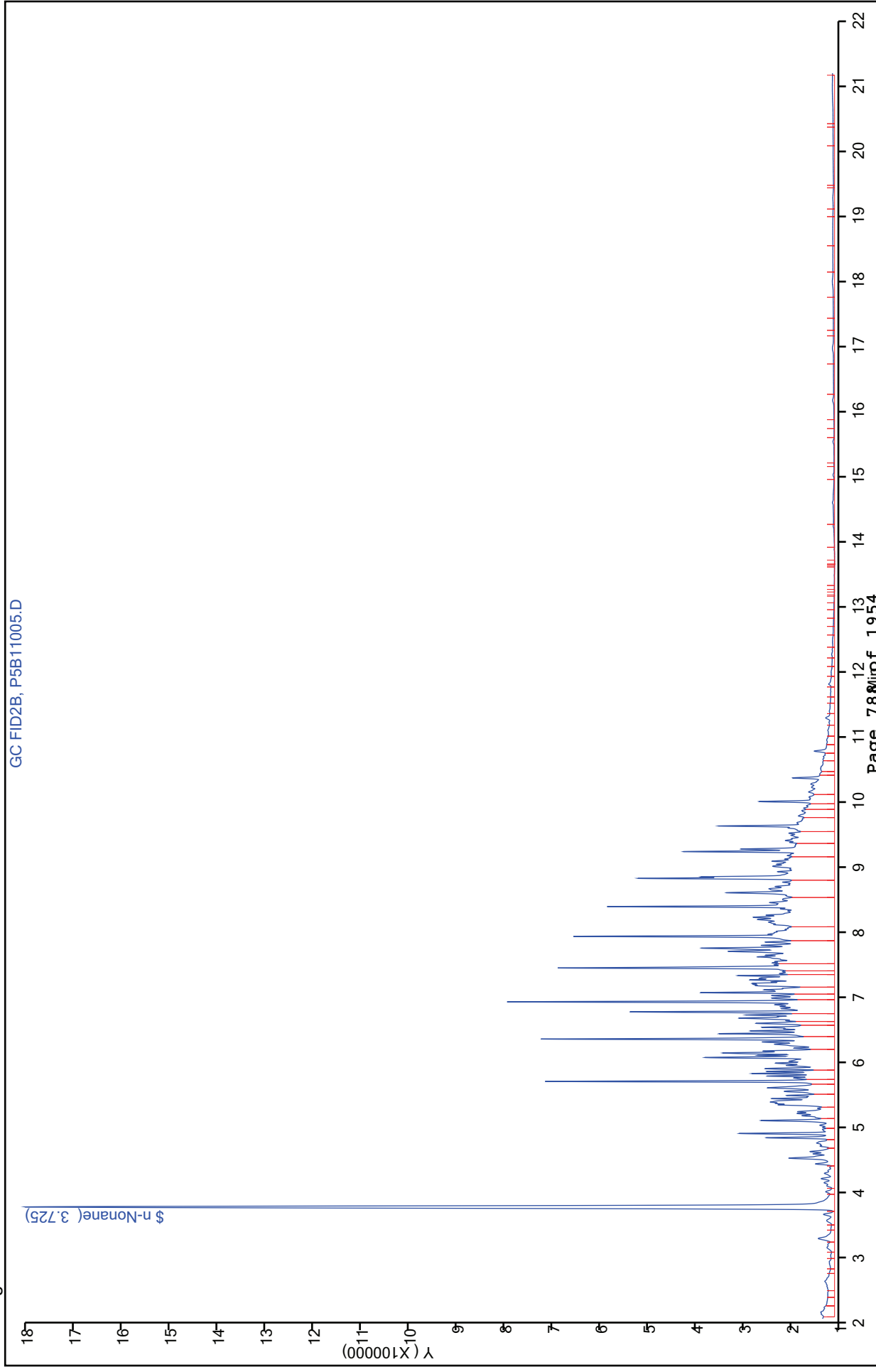
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\$ 8 n-Nonane
 3.725 3.719 0.006 4129035 20.6
 A 15 Diesel
 9.097 4.858 - 13.335 37887160 206.0

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11005.D
Injection Date: 11-Mar-2013 16:50:00
Client ID:
Lims Batch ID: 77903
Operator ID: 4275
Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R
Lims Sample ID: 5
Injection Vol: 1.0 ul
Column Dia:

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11006.D
 Lims ID: STD3 DIESEL Client ID:
 Inject. Date: 11-Mar-2013 17:20:43 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 3
 Sample ID: 240-0017906-006
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 56
 Lims Batch ID: 77903 Lims Sample ID: 6
 Sublist: chrom-TPH5R*sub1
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\TPH5R.m
 Last Update: 12-Mar-2013 10:27:10 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK035

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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\$ 8 n-Nonane
 3.725 3.719 0.006 10494139 52.3
 A 15 Diesel
 9.097 4.858 - 13.335 95811018 521.0

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11006.D

Injection Date: 11-Mar-2013 17:20:43

Limit Group: GC 8015C TPH ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 77903

Lims Sample ID: 6

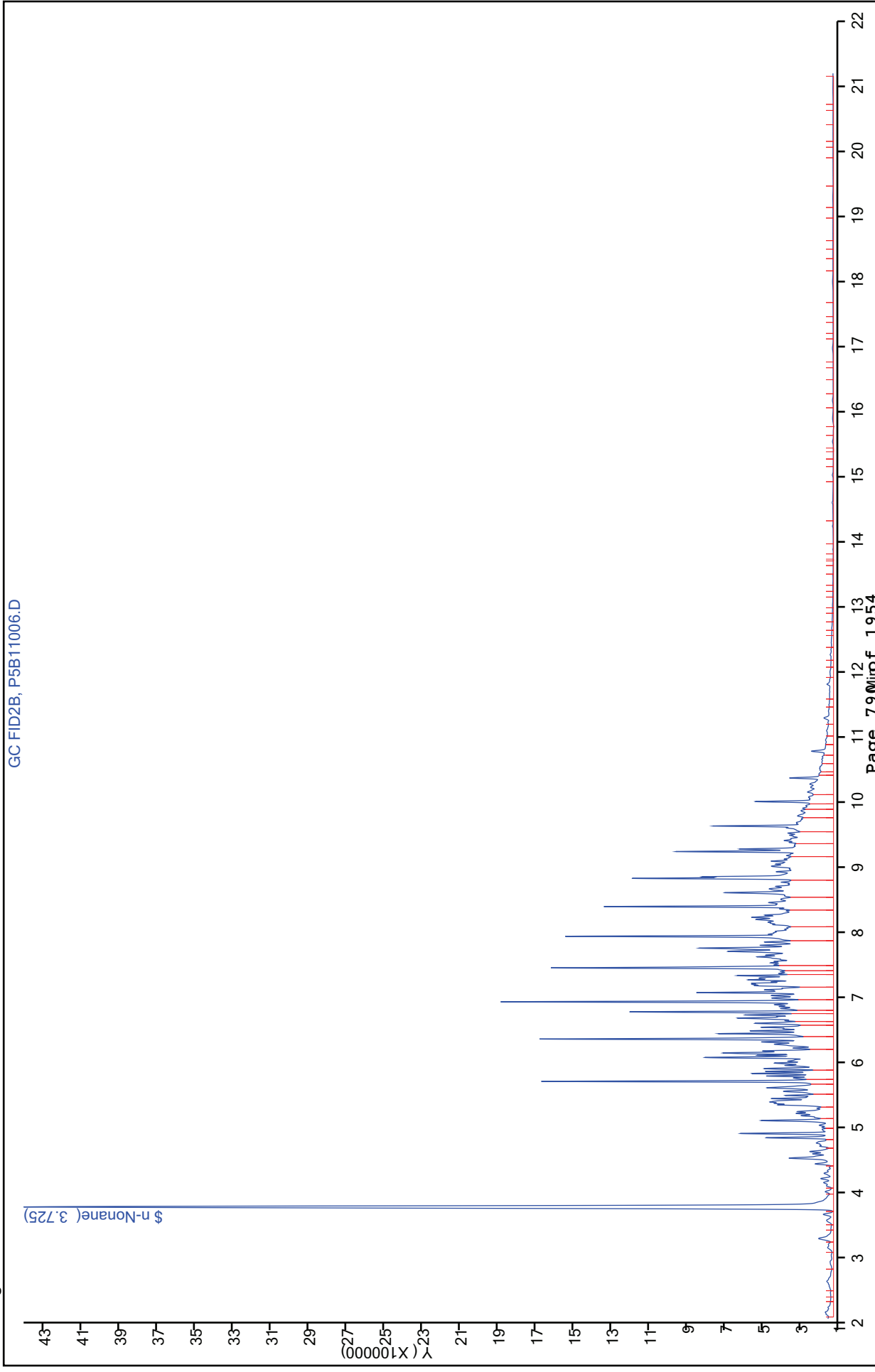
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11007.D
 Lims ID: STD4 DIESEL Client ID:
 Inject. Date: 11-Mar-2013 17:51:32 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 4
 Sample ID: 240-0017906-007
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 57
 Lims Batch ID: 77903 Lims Sample ID: 7
 Sublist: chrom-TPH5R*sub1
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\TPH5R.m
 Last Update: 12-Mar-2013 10:27:11 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK035

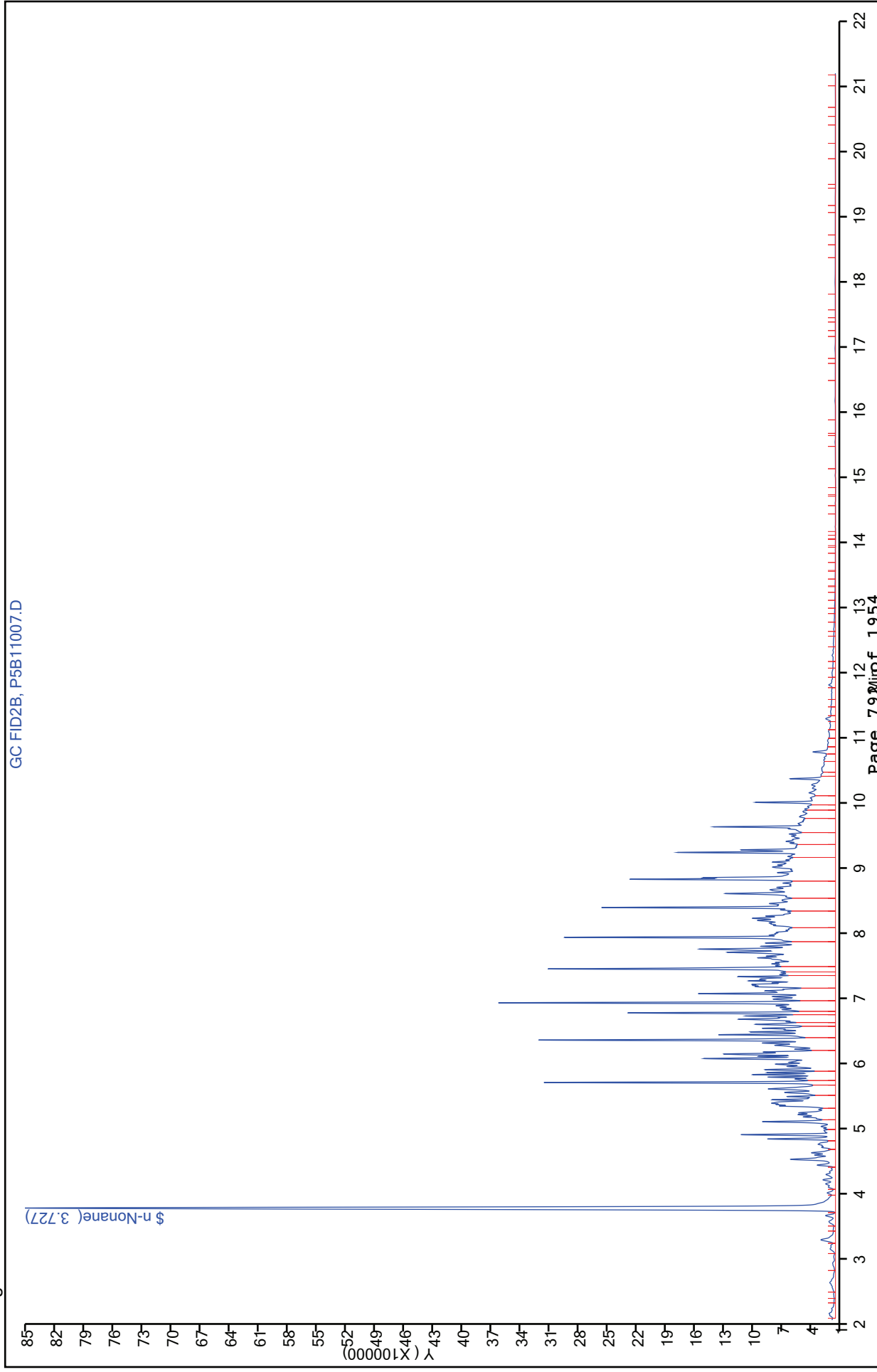
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\$ 8 n-Nonane
 3.727 3.719 0.008 20682585 103.1
 A 15 Diesel
 9.097 4.858 - 13.335 190865171 1037.9

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11007.D
Injection Date: 11-Mar-2013 17:51:32
Client ID:
Lims Batch ID: 77903
Operator ID: 4275
Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R
Lims Sample ID: 7
Injection Vol: 1.0 ul
Column Dia:

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Lims ID: STD5 DIESEL Client ID:
 Inject. Date: 11-Mar-2013 18:22:16 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 5
 Sample ID: 240-0017906-008
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 58
 Lims Batch ID: 77903 Lims Sample ID: 8
 Sublist: chrom-TPH5R*sub1
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\TPH5R.m
 Last Update: 12-Mar-2013 10:27:12 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK035

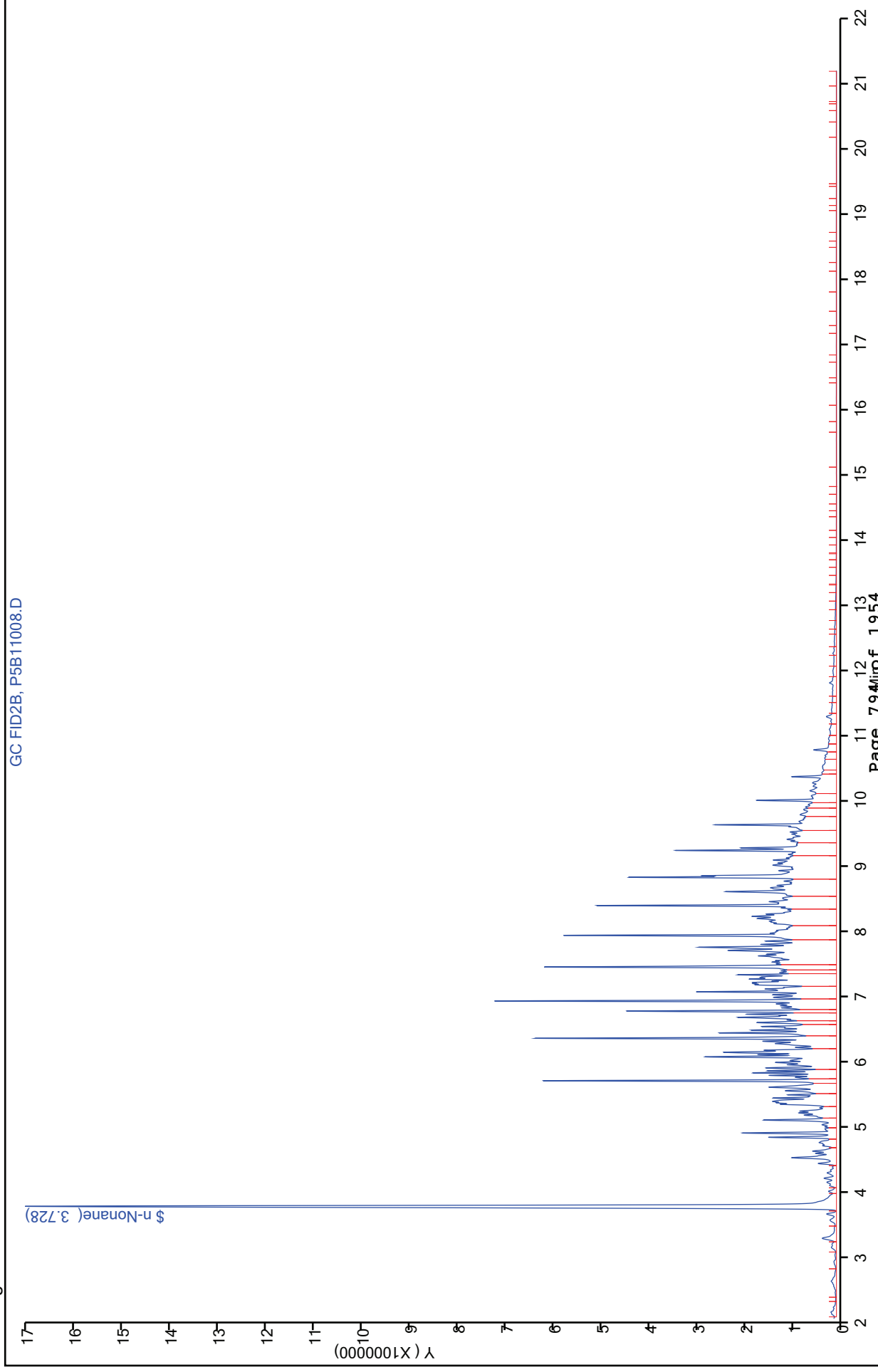
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\$ 8 n-Nonane
 3.728 3.719 0.009 41743063 208.1
 A 15 Diesel
 9.097 4.858 - 13.335 386138932 2099.7

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
Injection Date: 11-Mar-2013 18:22:16
Client ID: 77903
Lims Batch ID: 4275
Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R
Lims Sample ID: 8
Injection Vol: 1.0 ul
Column Dia: Column Dia:

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: ICV 240-77903/9 Calibration Date: 03/11/2013 18:53
 Instrument ID: A2HP5R Calib Start Date: 03/11/2013 16:19
 GC Column: _____ ID: _____ Calib End Date: 03/11/2013 18:22
 Lab File ID: P5B11009.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	183902	182742		497	500	-0.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: ICV 240-77903/9 Calibration Date: 03/11/2013 18:53
 Instrument ID: A2HP5R Calib Start Date: 03/11/2013 16:19
 GC Column: _____ ID: _____ Calib End Date: 03/11/2013 18:22
 Lab File ID: P5B11009.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.10	4.86	13.34

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11009.D
 Lims ID: ICV DIESEL Client ID:
 Inject. Date: 11-Mar-2013 18:53:02 Dil. Factor: 1.0000
 Sample Type: ICV
 Sample ID: 240-0017906-009
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 59
 Lims Batch ID: 77903 Lims Sample ID: 9
 Sublist:
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\TPH5R.m
 Last Update: 12-Mar-2013 10:27:12 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK035

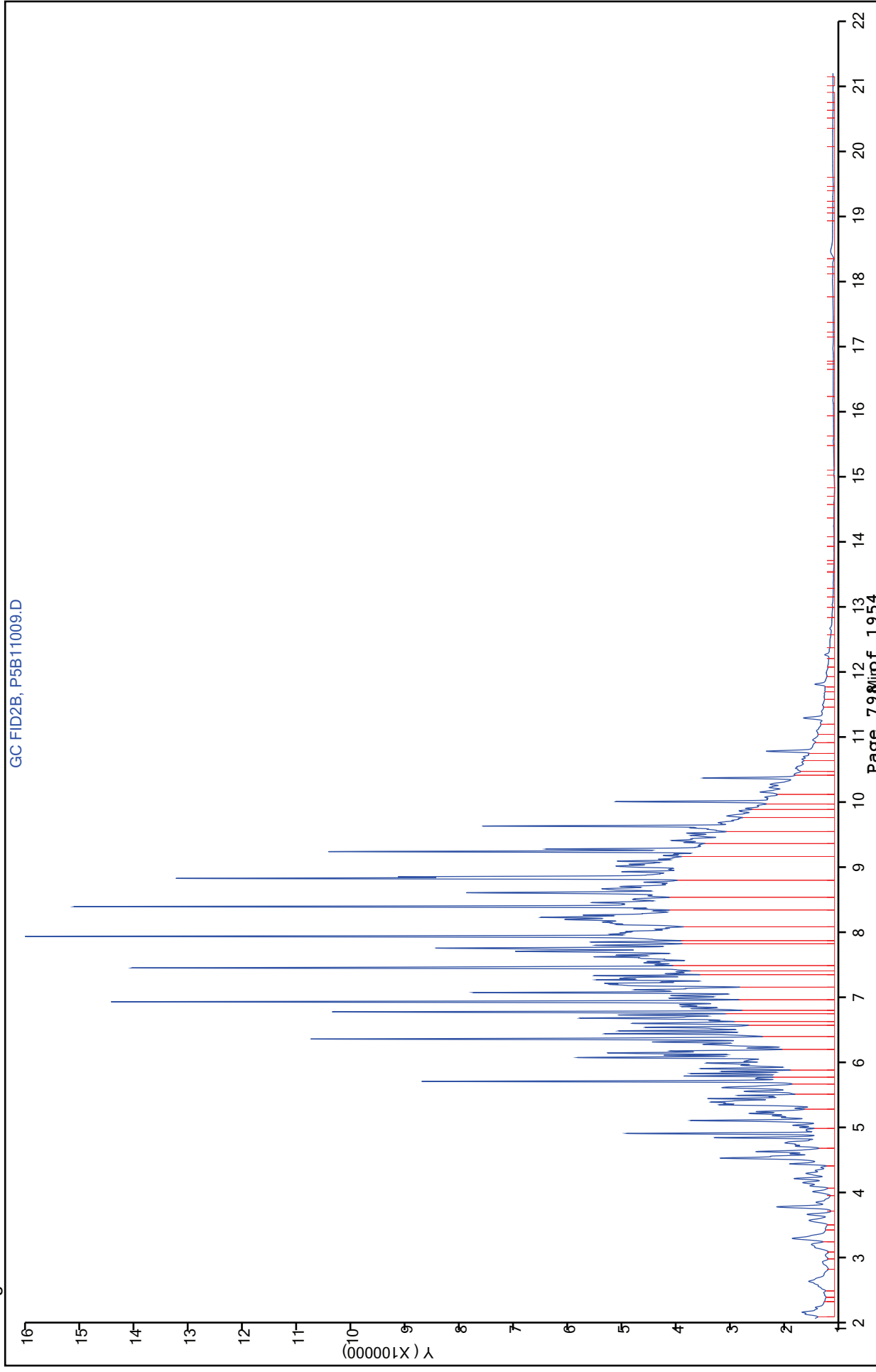
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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A 15 Diesel
 9.097 4.858 - 13.335 91371208 496.8

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11009.D
Injection Date: 11-Mar-2013 18:53:02
Client ID:
Lims Batch ID: 77903
Operator ID: 4275
Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R
Lims Sample ID: 9
Injection Vol: 1.0 ul
Column Dia: Column Dia:

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: CCV 240-78992/5 Calibration Date: 03/21/2013 17:16
 Instrument ID: A2HP5R Calib Start Date: 03/11/2013 16:19
 GC Column: _____ ID: _____ Calib End Date: 03/11/2013 18:22
 Lab File ID: P5B21005.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	183902	178119		484	500	-3.1	20.0
n-Nonane	Ave	200626	213062		53.1	50.0	6.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: CCV 240-78992/5 Calibration Date: 03/21/2013 17:16
 Instrument ID: A2HP5R Calib Start Date: 03/11/2013 16:19
 GC Column: _____ ID: _____ Calib End Date: 03/11/2013 18:22
 Lab File ID: P5B21005.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.09	4.85	13.34
n-Nonane	3.71	3.64	3.78

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\P5B21005.D
 Lims ID: CCV DIESEL Client ID:
 Inject. Date: 21-Mar-2013 17:16:04 Dil. Factor: 1.0000
 Sample Type: CCVRT
 Sample ID: 240-0018143-005
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 55
 Lims Batch ID: 78992 Lims Sample ID: 5
 Sublist: chrom-TPH5R*sub1
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\TPH5R.m
 Last Update: 22-Mar-2013 09:42:48 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK029

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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\$ 8 n-Nonane
 3.713 3.713 0.000 10653085 53.1
 A 15 Diesel
 9.094 4.853 - 13.335 89059536 484.3

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\P5B21005.D

Injection Date: 21-Mar-2013 17:16:04

Limit Group: GC 8015C TPH ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 78992

Lims Sample ID: 5

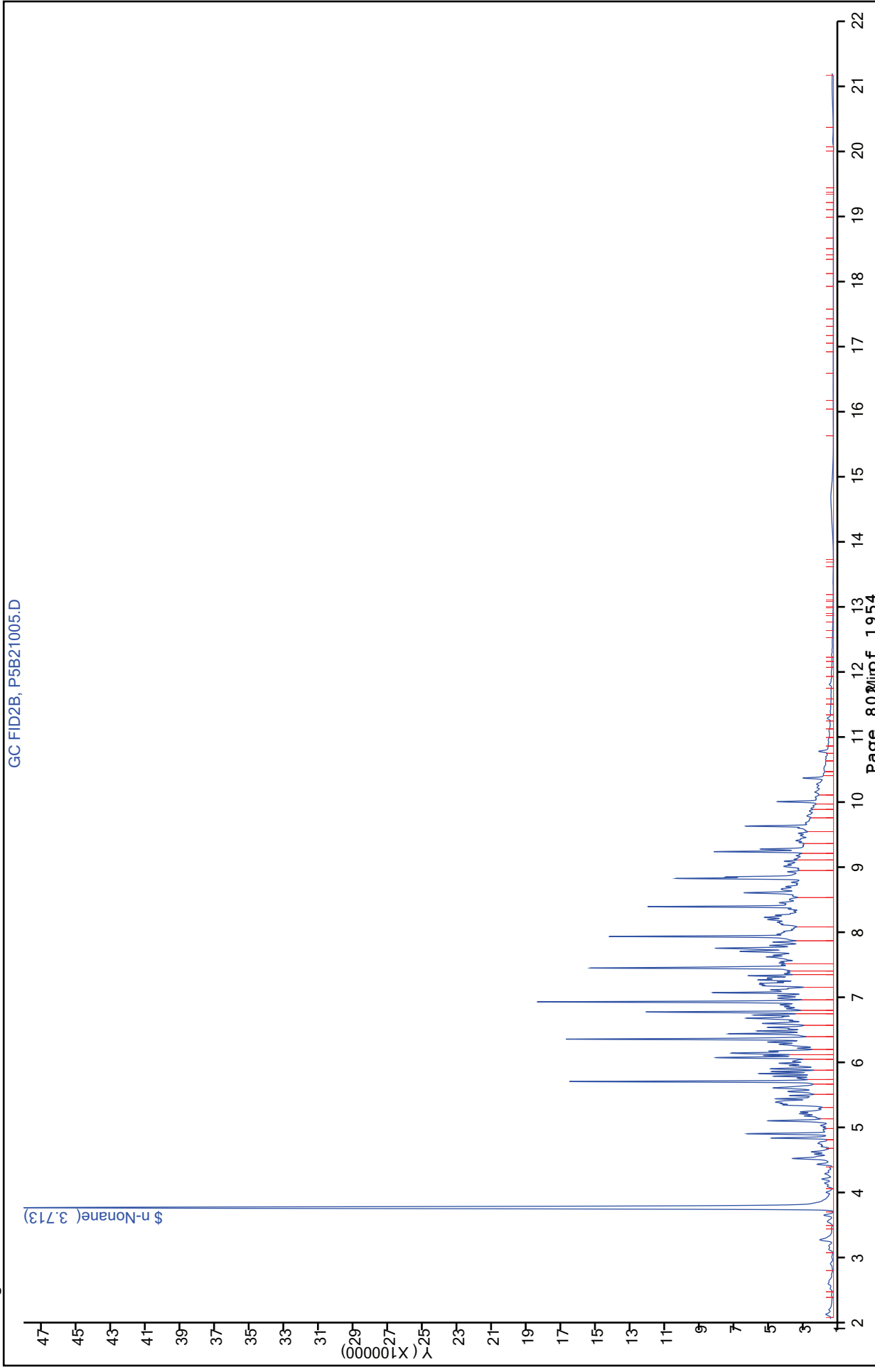
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: CCV 240-78992/8 Calibration Date: 03/21/2013 18:45
 Instrument ID: A2HP5R Calib Start Date: 03/11/2013 16:19
 GC Column: _____ ID: _____ Calib End Date: 03/11/2013 18:22
 Lab File ID: P5B21008.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	183902	182416		496	500	-0.8	20.0
n-Nonane	Ave	200626	219067		54.6	50.0	9.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: CCV 240-78992/8 Calibration Date: 03/21/2013 18:45
 Instrument ID: A2HP5R Calib Start Date: 03/11/2013 16:19
 GC Column: _____ ID: _____ Calib End Date: 03/11/2013 18:22
 Lab File ID: P5B21008.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.09	4.85	13.34
n-Nonane	3.71	3.64	3.78

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\P5B21008.D
 Lims ID: CCV DIESEL Client ID:
 Inject. Date: 21-Mar-2013 18:45:38 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: 240-0018143-008
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 58
 Lims Batch ID: 78992 Lims Sample ID: 8
 Sublist: chrom-TPH5R*sub1
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\TPH5R.m
 Last Update: 22-Mar-2013 09:42:50 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK029

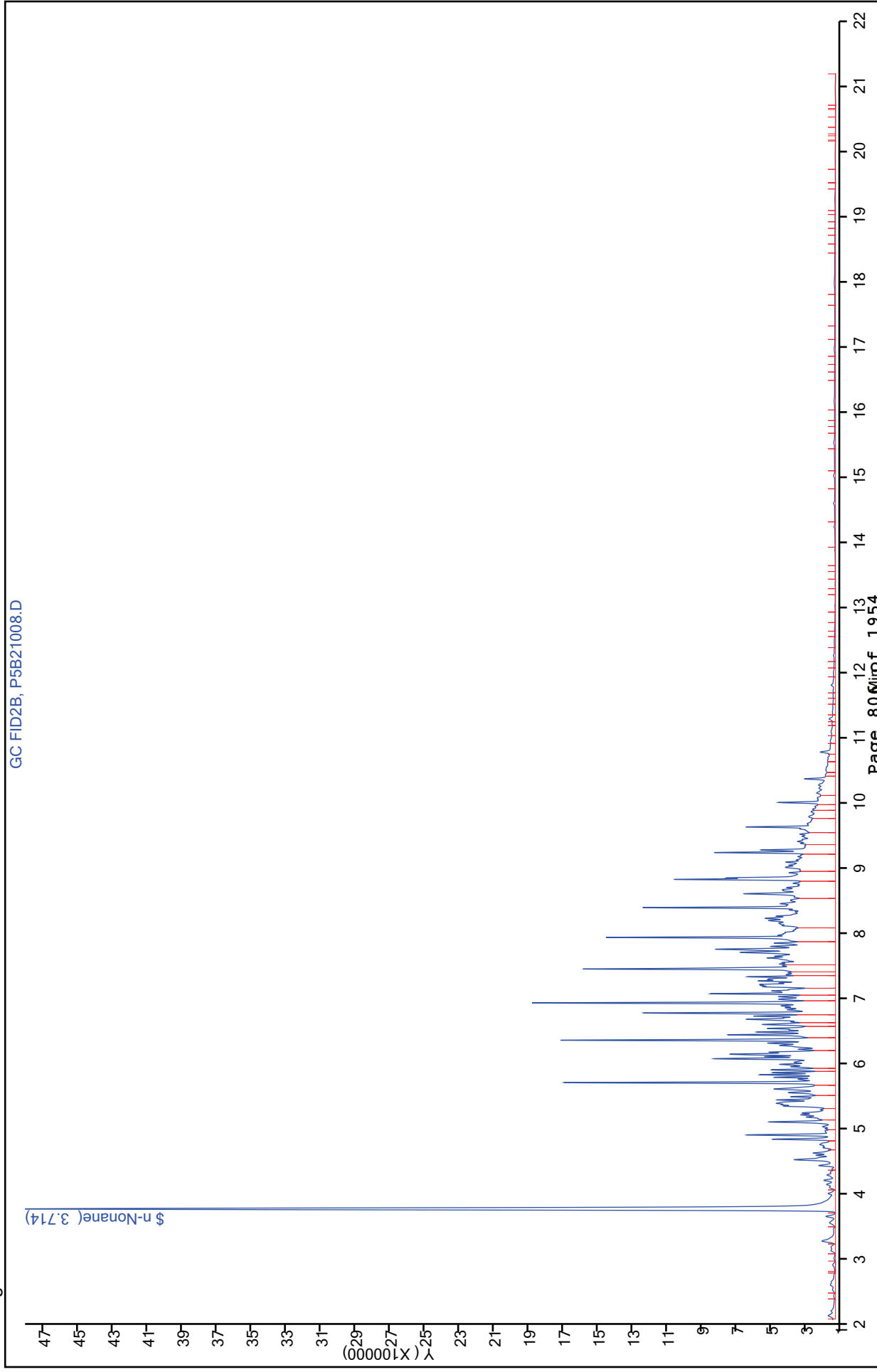
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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\$ 8 n-Nonane
 3.714 3.713 0.001 10953352 54.6
 A 15 Diesel
 9.094 4.853 - 13.335 91207773 496.0

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\P5B21008.D
Injection Date: 21-Mar-2013 18:45:38
Client ID:
Lims Batch ID: 78992
Operator ID: 4275
Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R
Lims Sample ID: 8
Injection Vol: 1.0 ul
Column Dia:

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: CCV 240-79092/4 Calibration Date: 03/22/2013 07:48
 Instrument ID: A2HP5R Calib Start Date: 03/11/2013 16:19
 GC Column: _____ ID: _____ Calib End Date: 03/11/2013 18:22
 Lab File ID: P5B22004.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	183902	190819		519	500	3.8	20.0
n-Nonane	Ave	200626	226128		56.4	50.0	12.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: CCV 240-79092/4 Calibration Date: 03/22/2013 07:48
 Instrument ID: A2HP5R Calib Start Date: 03/11/2013 16:19
 GC Column: _____ ID: _____ Calib End Date: 03/11/2013 18:22
 Lab File ID: P5B22004.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.09	4.85	13.33
n-Nonane	3.71	3.64	3.78

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22004.D
 Lims ID: CCV DIESEL Client ID:
 Inject. Date: 22-Mar-2013 07:48:15 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: 240-0018164-004
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 54
 Lims Batch ID: 79092 Lims Sample ID: 4
 Sublist: chrom-TPH5R*sub1
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\TPH5R.m
 Last Update: 22-Mar-2013 11:12:18 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK029

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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\$ 8 n-Nonane
 3.714 3.713 0.001 11306420 56.4
 A 15 Diesel
 9.093 4.853 - 13.333 95409579 518.8

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22004.D

Injection Date: 22-Mar-2013 07:48:15

Limit Group: GC 8015C TPH ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 79092

Lims Sample ID: 4

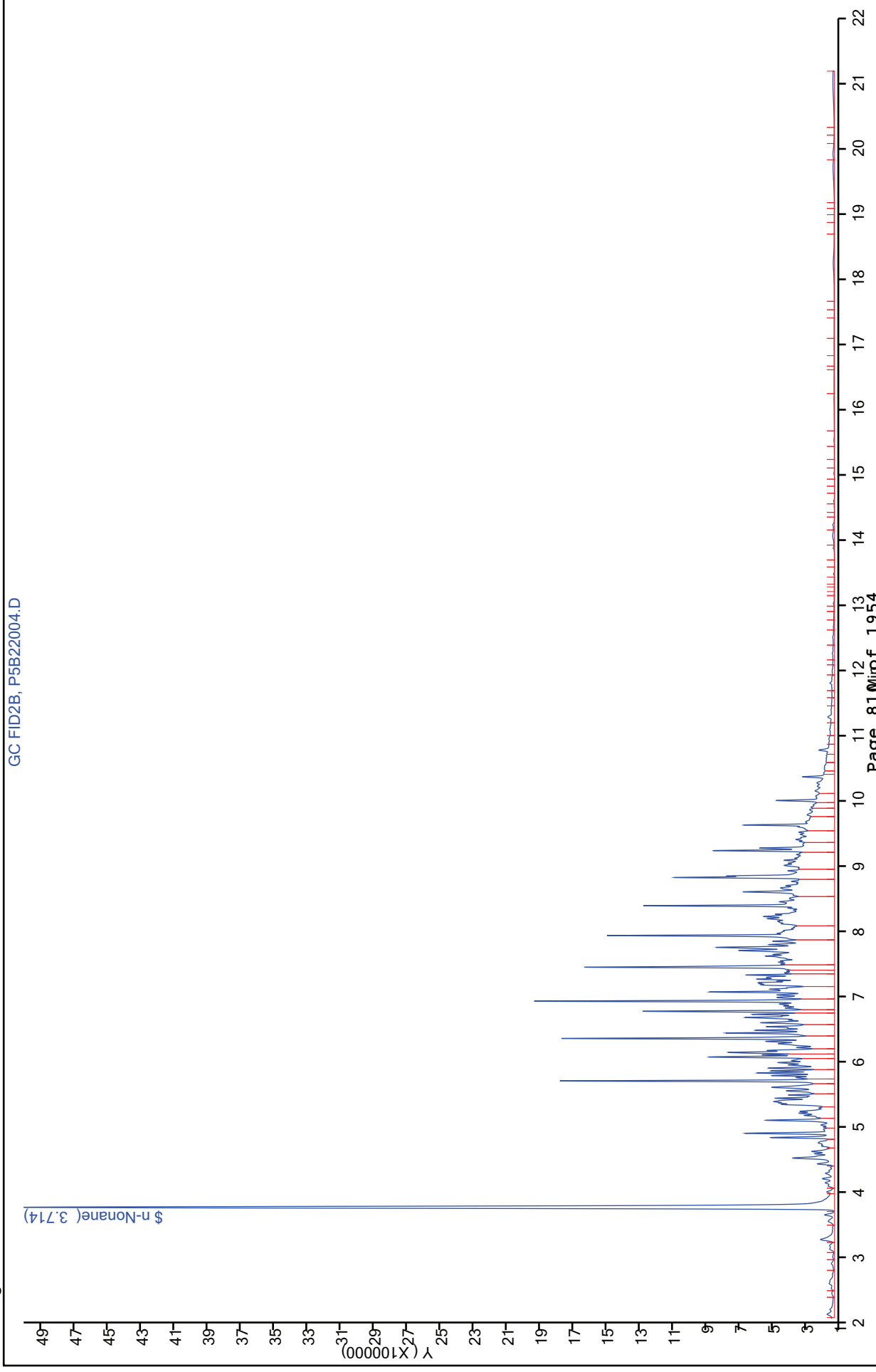
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: CCV 240-79092/10 Calibration Date: 03/22/2013 10:47
 Instrument ID: A2HP5R Calib Start Date: 03/11/2013 16:19
 GC Column: _____ ID: _____ Calib End Date: 03/11/2013 18:22
 Lab File ID: P5B22010.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	183902	191028		519	500	3.9	20.0
n-Nonane	Ave	200626	226239		56.4	50.0	12.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: CCV 240-79092/10 Calibration Date: 03/22/2013 10:47
 Instrument ID: A2HP5R Calib Start Date: 03/11/2013 16:19
 GC Column: _____ ID: _____ Calib End Date: 03/11/2013 18:22
 Lab File ID: P5B22010.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.09	4.85	13.33
n-Nonane	3.71	3.64	3.78

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22010.D
 Lims ID: CCV DIESEL Client ID:
 Inject. Date: 22-Mar-2013 10:47:47 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: 240-0018164-010
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 60
 Lims Batch ID: 79092 Lims Sample ID: 10
 Sublist: chrom-TPH5R*sub1
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\TPH5R.m
 Last Update: 22-Mar-2013 11:12:22 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK029

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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\$ 8 n-Nonane
 3.713 3.713 0.000 11311950 56.4
 A 15 Diesel
 9.093 4.853 - 13.333 95514039 519.4

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22010.D

Injection Date: 22-Mar-2013 10:47:47

Limit Group: GC 8015C TPH ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 79092

Lims Sample ID: 10

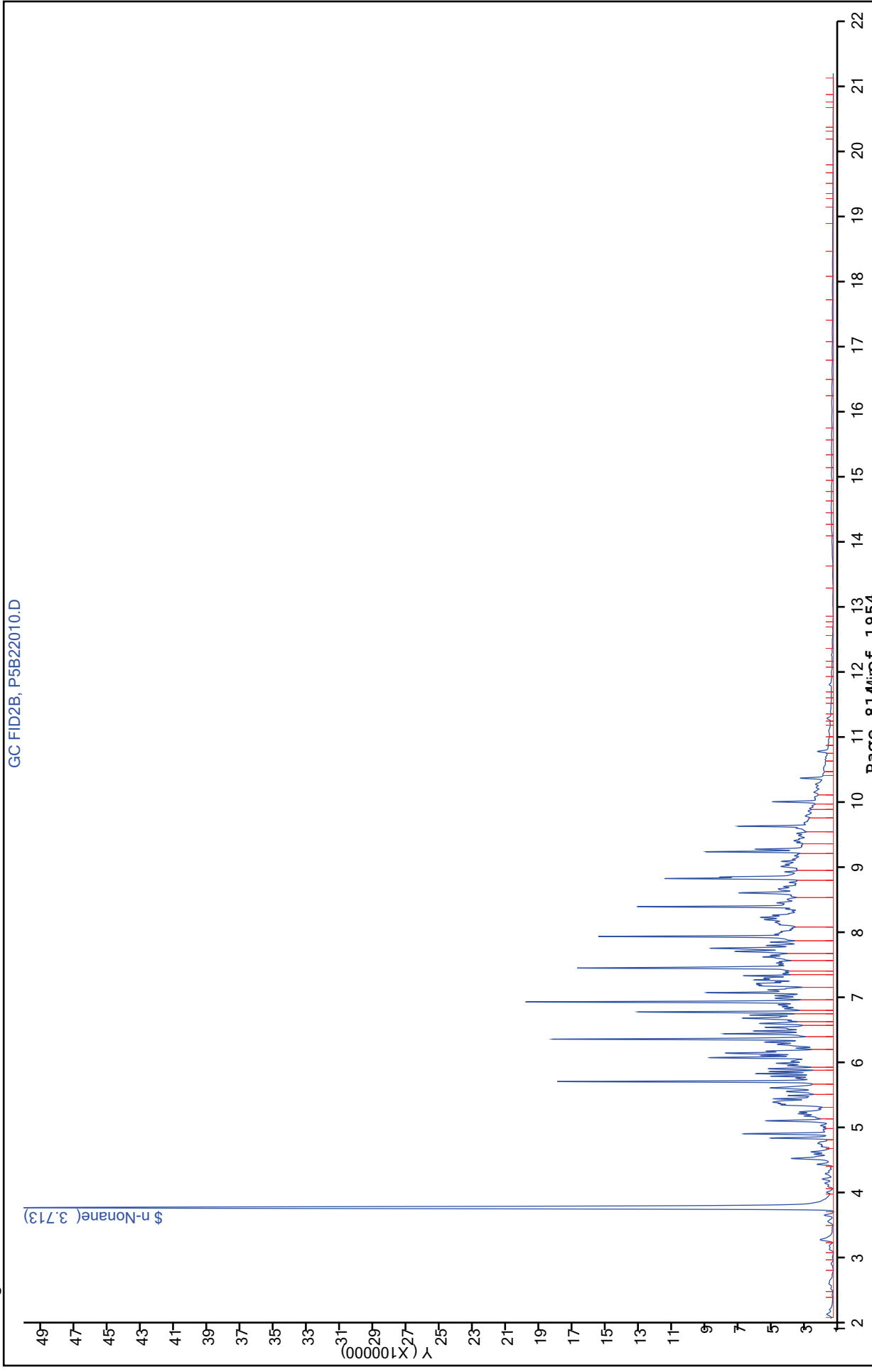
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: CCV 240-79092/13 Calibration Date: 03/22/2013 12:17
 Instrument ID: A2HP5R Calib Start Date: 03/11/2013 16:19
 GC Column: _____ ID: _____ Calib End Date: 03/11/2013 18:22
 Lab File ID: P5B22013.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	183902	203240		553	500	10.5	20.0
n-Nonane	Ave	200626	242501		60.4	50.0	20.9*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Lab Sample ID: CCV 240-79092/13 Calibration Date: 03/22/2013 12:17
 Instrument ID: A2HP5R Calib Start Date: 03/11/2013 16:19
 GC Column: _____ ID: _____ Calib End Date: 03/11/2013 18:22
 Lab File ID: P5B22013.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.09	4.85	13.33
n-Nonane	3.71	3.64	3.78

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22013.D
 Lims ID: CCV DIESEL Client ID:
 Inject. Date: 22-Mar-2013 12:17:35 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: 240-0018164-013
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 63
 Lims Batch ID: 79092 Lims Sample ID: 13
 Sublist: chrom-TPH5R*sub1
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\TPH5R.m
 Last Update: 22-Mar-2013 13:55:17 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK029

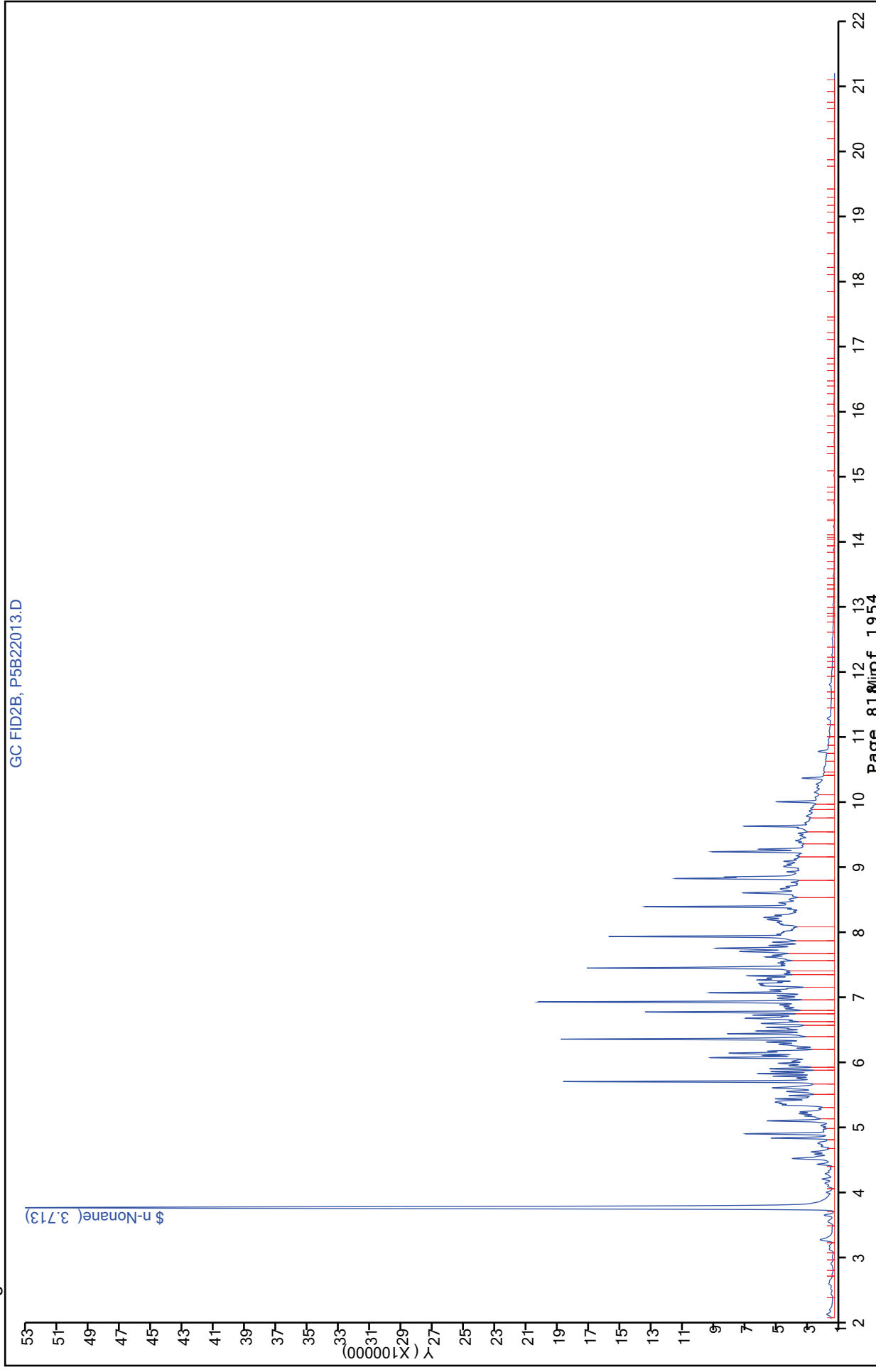
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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\$ 8 n-Nonane
 3.713 3.713 0.000 12125065 60.4
 A 15 Diesel
 9.093 4.853 - 13.333 101619788 552.6

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22013.D
Injection Date: 22-Mar-2013 12:17:35
Client ID:
Lims Batch ID: 79092
Operator ID: 4275
Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R
Lims Sample ID: 13
Injection Vol: 1.0 ul
Column Dia:

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-78624/21-A
 Matrix: Water Lab File ID: P5B22011.D
 Analysis Method: 8015B_DRO/DOD Date Collected: _____
 Extraction Method: 3520C Date Extracted: 03/18/2013 10:31
 Sample wt/vol: 1000(mL) Date Analyzed: 03/22/2013 11:17
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: _____ ID: _____
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 79092 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	240	U	500	240	240
STL00272	C20-C34	240	U	500	240	240

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	63		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22011.D
 Lims ID: MB 240-78624/21-A Client ID:
 Inject. Date: 22-Mar-2013 11:17:42 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID:
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 61
 Lims Batch ID: 79092 Lims Sample ID: 11
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\TPH5R.m
 Last Update: 22-Mar-2013 11:11:44 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK029

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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1					1
Tetratetracontane					
25.920					
A 2					
C28-C36					
14.824	13.410	-16.237	395378	0	
A 3					
C10-C34					
4.853 - 15.152					
A 4					
C32-C44					
14.484 -25.920					
A 5					
C12-C22					
6.311 - 10.748					
A 6					
C22-C32					
10.748 -14.484					
7					1
n-Octane					
2.669					
\$ 8					
n-Nonane					
3.714	3.713	0.001	12591925	62.8	
9					
n-Decane					
4.856	4.853	0.003	45831	0	
10					1
Dodecane					
6.311					
11					1
n-Tetradecane					
7.408					
A 12					
C10-C20					
4.853 - 9.972					
13					
Hexadecane					
8.371	8.353	0.018	7224	0	
A 14					
C10-C28					
9.108	4.706	-13.510	1089138	0	

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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A 15 Diesel					
4.853 - 13.333					
16 n-Octadecane					1
9.201					
A 17 C10-C32					
4.853 - 14.484					
18 icosane					1
9.972					
19 n-Docosane					1
10.748					
A 20 C12-C24					
6.311 - 11.779					
21 n-Tetracosane					
11.732	11.779	-0.047	47141	0	
A 22 C20-C34					
10.088 - 15.152					
23 n-Hexacosane					
12.630	12.636	-0.006	24992	0	
24 n-Octacosane					
13.321	13.333	-0.012	34327	0	
25 Triacontane					
13.966	13.933	0.033	43899	0	
26 Dotriacontane					1
14.484					
27 Tetratriacontane					1
15.152					
A 28 C24-C40					
11.779 - 19.222					
29 n-Hexatriacontane					1
16.063					
30 C38					
17.320	17.354	-0.034	12433	0	
31 C40					1
19.222					
A 32 C20-C36					
9.972 - 16.063					
A 34 C24-C44					
11.779 - 25.920					
A 35 C10-C24					
4.806 - 12.016					

QC Flag Legend

Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22011.D

Injection Date: 22-Mar-2013 11:17:42

Limit Group: GC 8015C TPH ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 79092

Lims Sample ID: 11

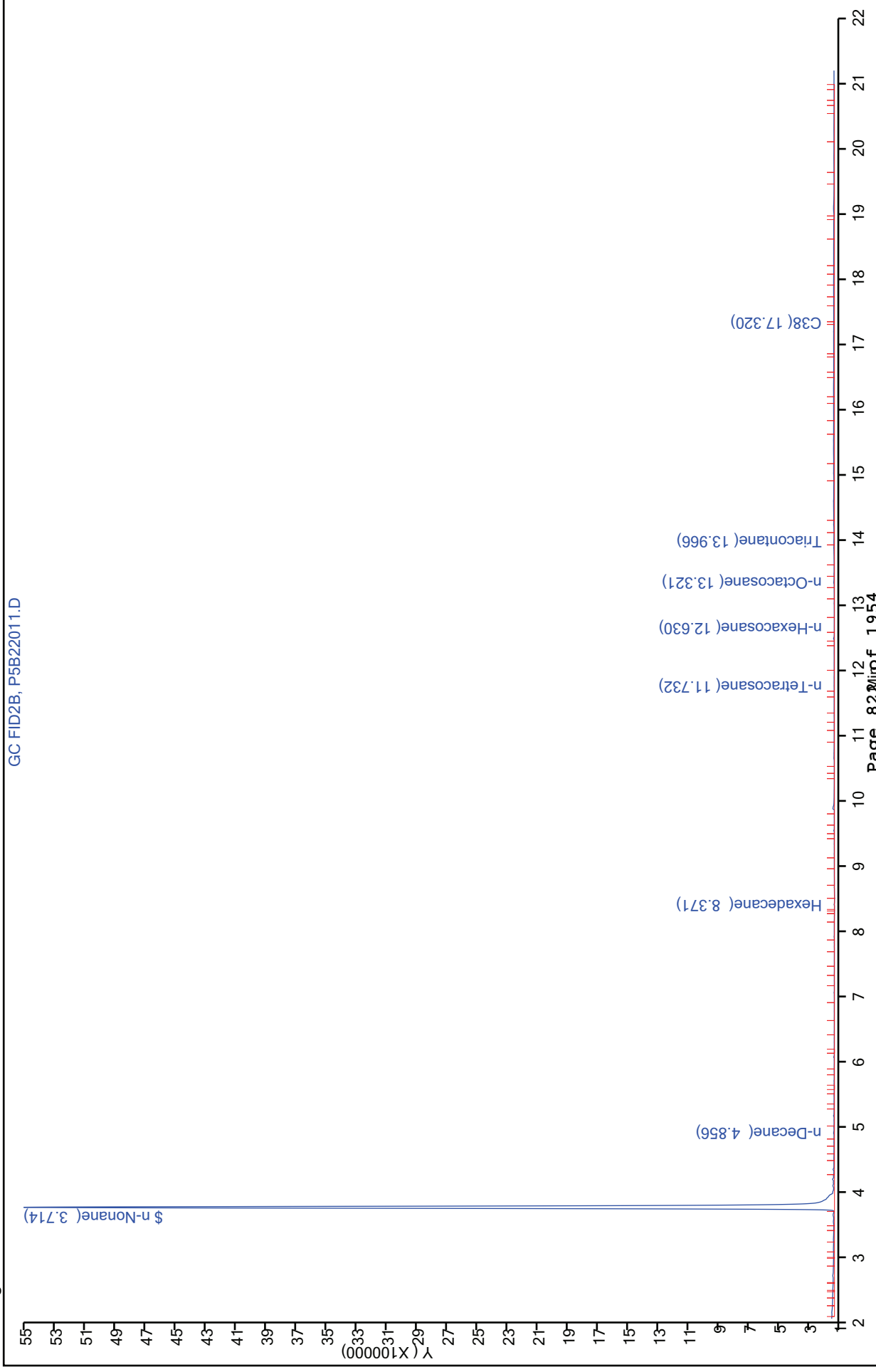
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 240-78624/22-A
 Matrix: Water Lab File ID: P5B22012.D
 Analysis Method: 8015B_DRO/DOD Date Collected: _____
 Extraction Method: 3520C Date Extracted: 03/18/2013 10:31
 Sample wt/vol: 1000(mL) Date Analyzed: 03/22/2013 11:47
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: _____ ID: _____
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 79092 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	56		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22012.D
 Lims ID: LCS 240-78624/22-A Client ID:
 Inject. Date: 22-Mar-2013 11:47:31 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: 240-0018164-012
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 62
 Lims Batch ID: 79092 Lims Sample ID: 12
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\TPH5R.m
 Last Update: 22-Mar-2013 11:11:44 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK029

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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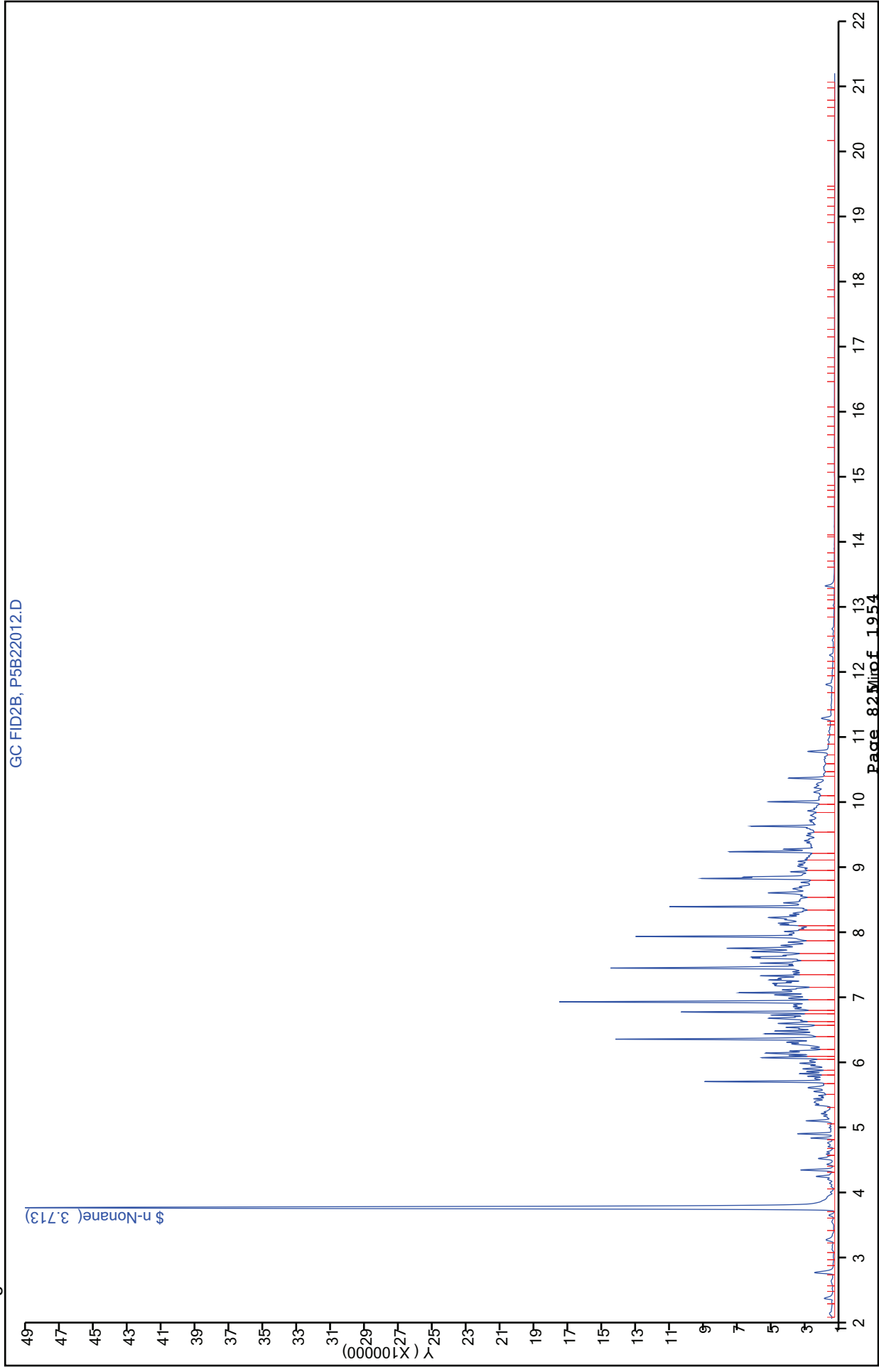
\$ 8 n-Nonane
 3.713 3.713 0.000 11138803 55.5

A 15 Diesel
 9.093 4.853 - 13.333 71110032 386.7

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22012.D
Injection Date: 22-Mar-2013 11:47:31
Client ID:
Lims Batch ID: 79092
Operator ID: 4275
Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R
Lims Sample ID: 12
Injection Vol: 1.0 ul
Column Dia:

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MRL 240-78992/4
 Matrix: Water Lab File ID: P5B21004.D
 Analysis Method: 8015B_DRO/DOD Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 03/21/2013 16:46
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: _____ ID: _____
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 78992 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	72.8	J	100	48	48
STL00272	C20-C34	48	U	100	48	48

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	102		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\P5B21004.D
 Lims ID: MRL Client ID:
 Inject. Date: 21-Mar-2013 16:46:04 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0018143-004
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 54
 Lims Batch ID: 78992 Lims Sample ID: 4
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\TPH5R.m
 Last Update: 22-Mar-2013 09:42:47 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK029

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1					1
Tetratetracontane					
25.920					
A 2					
14.837	13.417	-16.257	525700	0	
A 3					
10.004	4.853	- 15.155	17126552	93.1	
A 4					
C32-C44					
14.486 -25.920					
A 5					
8.530	6.311	- 10.748	10886649	59.2	
A 6					
C22-C32					
10.748 -14.486					
7					1
n-Octane					
2.660					
\$ 8					
3.713	3.713	0.000	2045104	10.2	
n-Decane					
4.852	4.853	-0.001	284495	0	
Dodecane					
6.311	6.311	0.000	803456	0	
n-Tetradecane					
7.407	7.407	0.000	845854	0	
A 12					
7.391	4.853	- 9.972	13390320	72.8	
13					1
Hexadecane					
8.353					
A 14					
9.112	4.707	- 13.517	17027524	0	

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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A 15 Diesel

9.094 4.853 - 13.335 16800018 91.4

16 n-Octadecane

9.201 9.201 0.000 560063 0

A 17 C10-C32

9.670 4.853 - 14.486 17028849 92.6

18 icosane

9.972 9.972 0.000 206482 0

19 n-Docosane

10.751 10.748 0.003 72317 0

A 20 C12-C24

9.045 6.311 - 11.778 12090938 65.7

21 n-Tetracosane

11.785 11.778 0.007 37485 0

A 22 C20-C34

9.972 - 15.155

23 n-Hexacosane

12.636 1

24 n-Octacosane

13.342 13.335 0.007 12680 0

25 Triacontane

13.934 1

26 Dotriacontane

14.511 14.486 0.025 55942 0

27 Tetratriacontane

15.176 15.155 0.021 51109 0

A 28 C24-C40

11.778 -19.228

29 n-Hexatriacontane

16.066 1

30 C38

17.358 1

31 C40

19.228 1

A 32 C20-C36

9.972 - 16.066

A 34 C24-C44

11.778 -25.920

A 35 C10-C24

8.382 4.807 - 11.958 15739806 85.6

QC Flag Legend

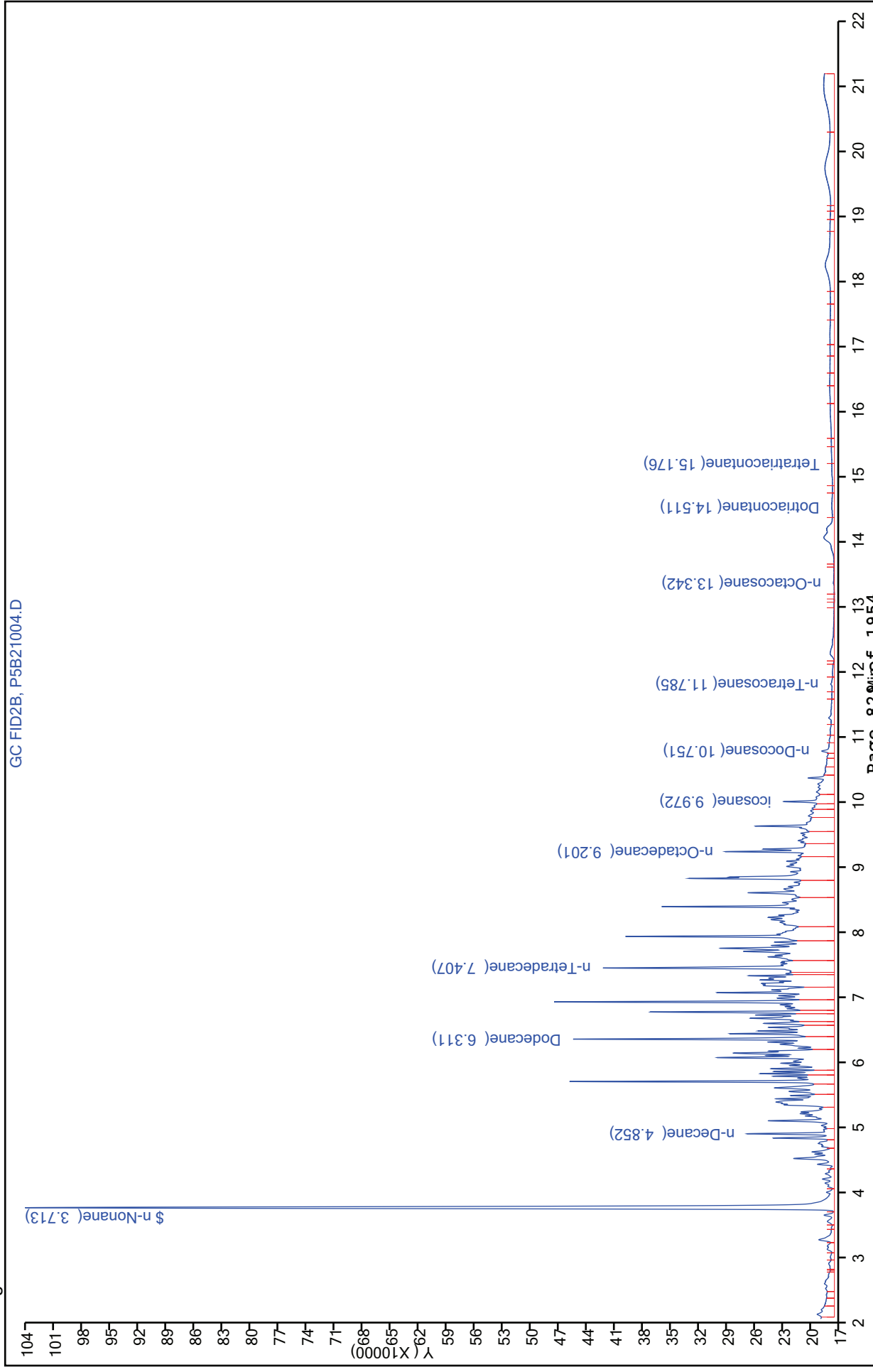
Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\P5B21004.D
Injection Date: 21-Mar-2013 16:46:04
Client ID: 78992
Lims Batch ID: 4275
Operator ID: 4275
Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R
Lims Sample ID: 4
Injection Vol: 1.0 ul
Column Dia: 0.32 mm

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MRL 240-78992/9
 Matrix: Water Lab File ID: P5B21009.D
 Analysis Method: 8015B_DRO/DOD Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 03/21/2013 19:15
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: _____ ID: _____
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 78992 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	76.5	J	100	48	48
STL00272	C20-C34	48	U	100	48	48

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	109		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\P5B21009.D
 Lims ID: MRL Client ID:
 Inject. Date: 21-Mar-2013 19:15:24 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0018143-009
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 59
 Lims Batch ID: 78992 Lims Sample ID: 9
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\TPH5R.m
 Last Update: 22-Mar-2013 09:42:50 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK029

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	--------	--------	----------	------------------	-------

1			Tetratetracontane		1
			25.920		
A 2			C28-C36		
14.837	13.417	-16.257	630759	0	
A 3			C10-C34		
10.004	4.853	- 15.155	18517089	100.7	
A 4			C32-C44		
			14.486 -25.920		
A 5			C12-C22		
8.530	6.311	- 10.748	11401117	62.0	
A 6			C22-C32		
			10.748 -14.486		
7			n-Octane		
2.625	2.660	-0.035	54108	0	
\$ 8			n-Nonane		
3.713	3.713	0.000	2184001	10.9	
9			n-Decane		1
			4.853		
10			Dodecane		
6.311	6.311	0.000	863350	0	
11			n-Tetradecane		
7.408	7.407	0.001	911368	0	
A 12			C10-C20		
7.412	4.853	- 9.972	14060587	76.5	
13			Hexadecane		1
			8.353		
A 14			C10-C28		
9.112	4.707	- 13.517	18440793	0	

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	--------	--------	----------	------------------	-------

A 15 Diesel

9.094 4.853 - 13.335 18177303 98.8

16 n-Octadecane

9.200 9.201 -0.001 604703 0

A 17 C10-C32

9.670 4.853 - 14.486 18307333 99.5

18 icosane

9.971 9.972 -0.001 217783 0

19 n-Docosane

10.748 10.748 0.000 66490 0

A 20 C12-C24

9.045 6.311 - 11.778 12876697 70.0

21 n-Tetracosane

11.783 11.778 0.005 51666 0

A 22 C20-C34

9.972 - 15.155

23 n-Hexacosane

12.642 12.636 0.006 6930 0

24 n-Octacosane

13.335 1

25 Triacontane

13.934 1

26 Dotriacontane

14.486 1

27 Tetratriacontane

15.155 1

A 28 C24-C40

11.778 -19.228

29 n-Hexatriacontane

16.066 1

30 C38

17.358 1

31 C40

19.271 19.228 0.043 96752 0

A 32 C20-C36

9.972 - 16.066

A 34 C24-C44

11.778 -25.920

A 35 C10-C24

8.382 4.807 - 11.958 16837109 91.6

QC Flag Legend

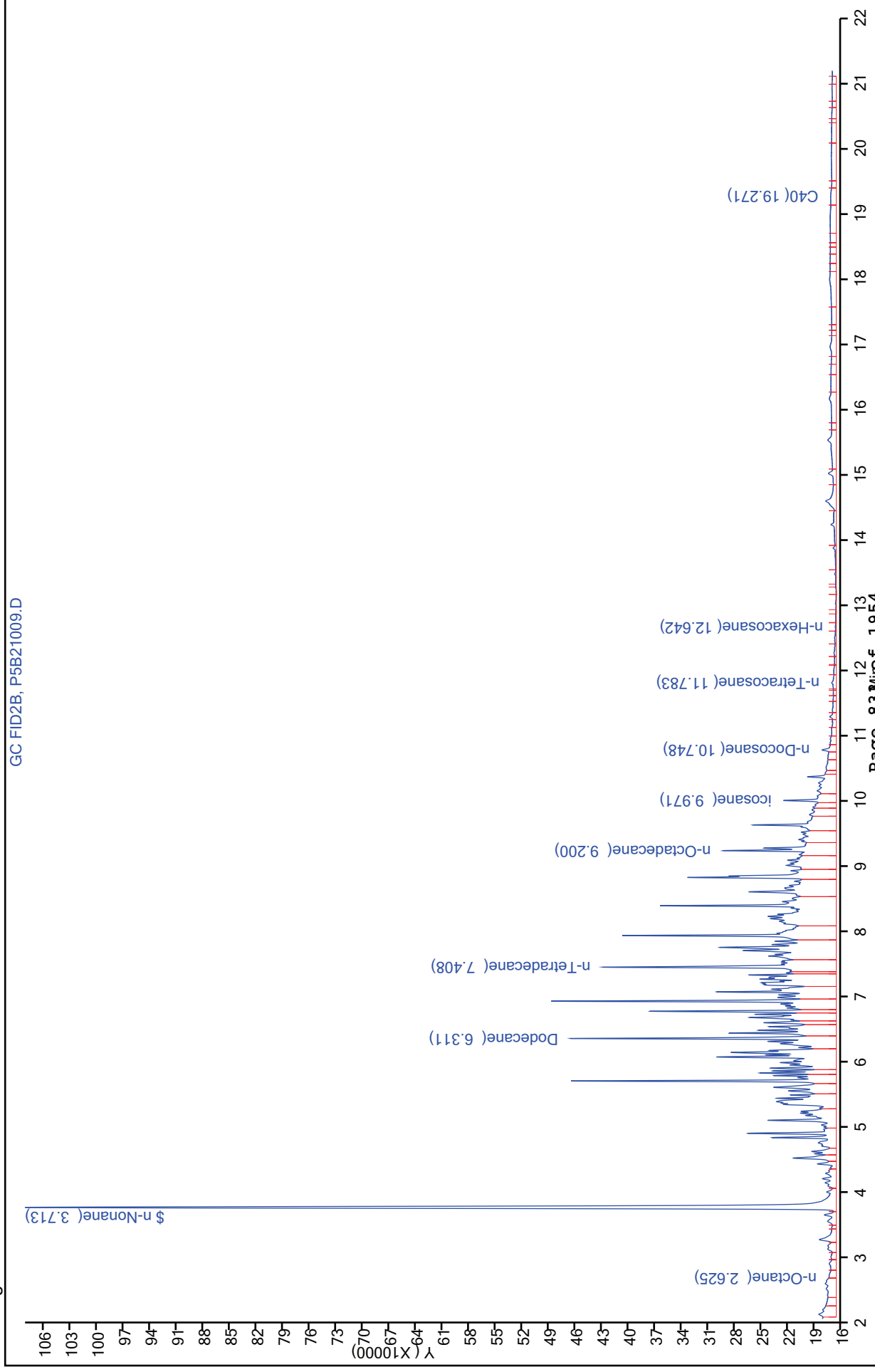
Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130321-18143.b\P5B21009.D
Injection Date: 21-Mar-2013 19:15:24
Client ID:
Lims Batch ID: 78992
Operator ID: 4275
Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R
Lims Sample ID: 9
Injection Vol: 1.0 ul
Column Dia:

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MRL 240-79092/5
 Matrix: Water Lab File ID: P5B22005.D
 Analysis Method: 8015B_DRO/DOD Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 03/22/2013 08:18
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: _____ ID: _____
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 79092 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	78.4	J	100	48	48
STL00272	C20-C34	48	U	100	48	48

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	106		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22005.D
 Lims ID: MRL Client ID:
 Inject. Date: 22-Mar-2013 08:18:04 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0018164-005
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 55
 Lims Batch ID: 79092 Lims Sample ID: 5
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\TPH5R.m
 Last Update: 22-Mar-2013 11:12:18 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK029

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
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1			Tetratetracontane		1
			25.920		
A 2			C28-C36		
14.824	13.410	-16.237	852294	0	
A 3			C10-C34		
10.002	4.853	-15.152	18761057	102.0	
A 4			C32-C44		
			14.484	-25.920	
A 5			C12-C22		
8.530	6.311	-10.748	11378403	61.9	
A 6			C22-C32		
			10.748	-14.484	
7			n-Octane		
2.689	2.669	0.020	25018	0	
\$ 8			n-Nonane		
3.713	3.713	0.000	2132452	10.6	
9			n-Decane		
4.853	4.853	0.000	329448	0	
10			Dodecane		
6.311	6.311	0.000	841921	0	
11			n-Tetradecane		
7.407	7.408	-0.001	891975	0	
A 12			C10-C20		
7.412	4.853	-9.972	14421361	78.4	
13			Hexadecane		
8.352	8.353	-0.001	743513	0	
A 14			C10-C28		
9.108	4.706	-13.510	18305029	0	

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	--------	--------	----------	------------------	-------

A 15 Diesel

9.093 4.853 - 13.333 18040311 98.1

16 n-Octadecane

9.200 9.201 -0.001 505758 0

A 17 C10-C32

9.668 4.853 - 14.484 18353333 99.8

18 icosane

9.972 1

19 n-Docosane

10.748 1

A 20 C12-C24

9.045 6.311 - 11.779 12763896 69.4

21 n-Tetracosane

11.734 11.779 -0.045 152224 0

A 22 C20-C34

9.972 - 15.152

23 n-Hexacosane

12.637 12.636 0.001 10248 0

24 n-Octacosane

13.333 1

25 Triacontane

13.933 1

26 Dotriacontane

14.484 1

27 Tetratriacontane

15.170 15.152 0.018 13894 0

A 28 C24-C40

11.779 -19.222

29 n-Hexatriacontane

16.063 1

30 C38

17.386 17.354 0.032 14791 0

31 C40

19.256 19.222 0.034 9327 0

A 32 C20-C36

9.972 - 16.063

A 34 C24-C44

11.779 -25.920

A 35 C10-C24

8.411 4.806 - 12.016 16691382 90.8

QC Flag Legend

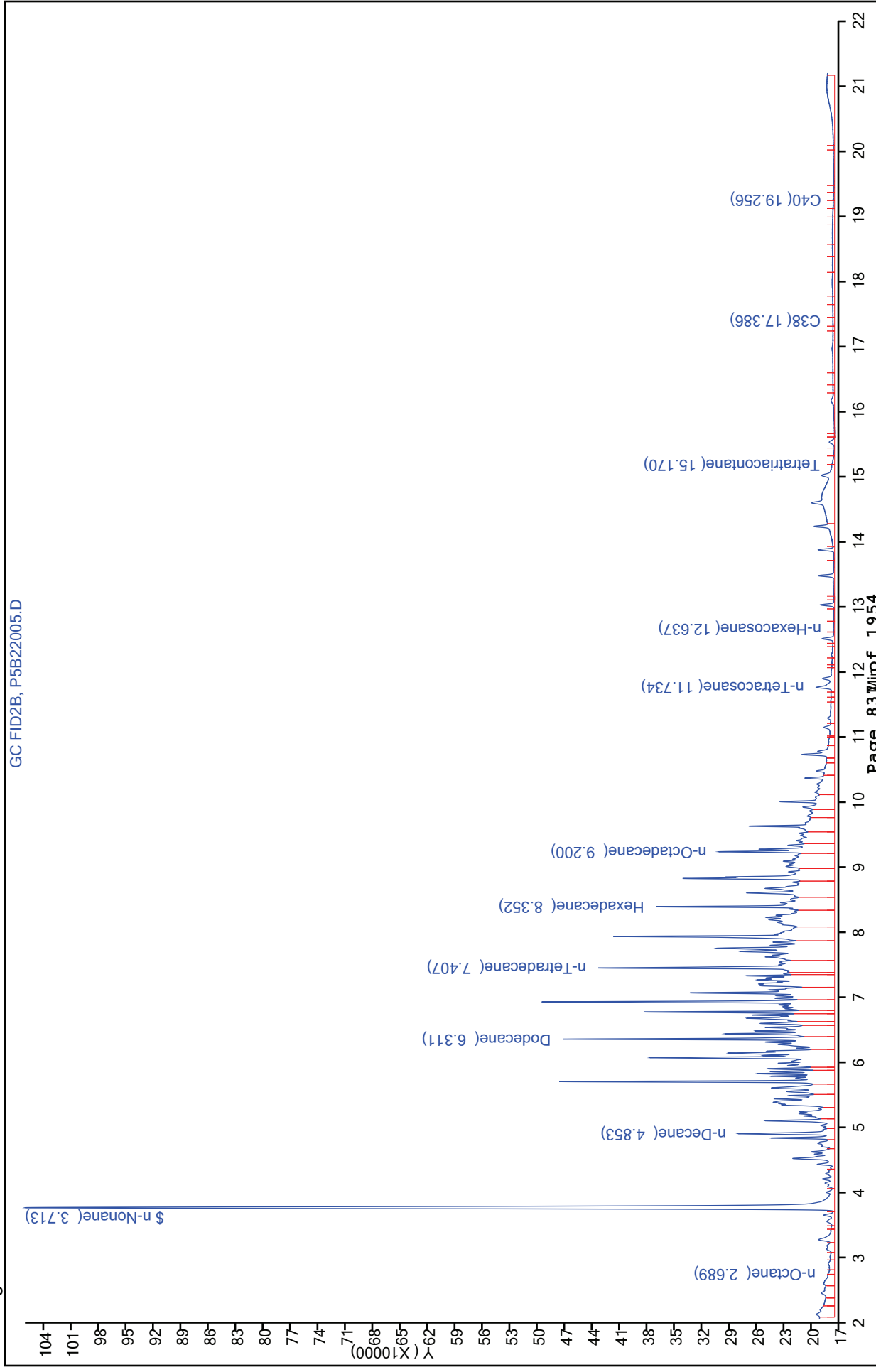
Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22005.D
Injection Date: 22-Mar-2013 08:18:04
Client ID:
Lims Batch ID: 79092
Operator ID: 4275
Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R
Lims Sample ID: 5
Injection Vol: 1.0 ul
Column Dia:

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-21987-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MRL 240-79092/14
 Matrix: Water Lab File ID: P5B22014.D
 Analysis Method: 8015B_DRO/DOD Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 03/22/2013 12:47
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: _____ ID: _____
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 79092 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	77.9	J	100	48	48
STL00272	C20-C34	48	U	100	48	48

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	111	Q	70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22014.D
 Lims ID: MRL Client ID:
 Inject. Date: 22-Mar-2013 12:47:32 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0018164-014
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 64
 Lims Batch ID: 79092 Lims Sample ID: 14
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\TPH5R.m
 Last Update: 22-Mar-2013 13:55:17 Calib Date: 11-Mar-2013 18:22:16
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20130311-17906.b\P5B11008.D
 Limit Group: GC 8015C TPH ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK029

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1					1
Tetratetracontane					
25.920					
A 2					
C28-C36					
14.824	13.410	-16.237	421527	0	
A 3					
C10-C34					
10.002	4.853	-15.152	20056267	109.1	
A 4					
C32-C44					
14.484 -25.920					
A 5					
C12-C22					
8.530	6.311	-10.748	11440483	62.2	
A 6					
C22-C32					
10.748 -14.484					
7					1
n-Octane					
2.669					
\$ 8					
n-Nonane					
3.712	3.713	-0.001	2229350	11.1	
9					1
n-Decane					
4.853					
10					
Dodecane					
6.310	6.311	-0.001	879501	0	
11					
n-Tetradecane					
7.407	7.408	-0.001	852102	0	
A 12					
C10-C20					
7.412	4.853	-9.972	14328606	77.9	
13					
Hexadecane					
8.352	8.353	-0.001	781143	0	
A 14					
C10-C28					
9.108	4.706	-13.510	19051557	0	

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	--------	--------	----------	------------------	-------

A 15 Diesel

9.093 4.853 - 13.333 18766221 102.0

16 n-Octadecane

9.200 9.201 -0.001 885007 0

A 17 C10-C32

9.668 4.853 - 14.484 19464606 105.8

18 icosane

9.972

1

19 n-Docosane

10.748

1

A 20 C12-C24

9.045 6.311 - 11.779 13089391 71.2

21 n-Tetracosane

11.733 11.779 -0.046 201573 0

A 22 C20-C34

10.088 -15.152

23 n-Hexacosane

12.637 12.636 0.001 31678 0

24 n-Octacosane

13.328 13.333 -0.005 19916 0

25 Triacontane

13.953 13.933 0.020 7996 0

26 Dotriacontane

14.435 14.484 -0.049 9338 0

27 Tetratriacontane

15.152

1

A 28 C24-C40

11.779 -19.222

29 n-Hexatriacontane

16.063

1

30 C38

17.354

1

31 C40

19.185 19.222 -0.037 23533 0

A 32 C20-C36

9.972 - 16.063

A 34 C24-C44

11.779 -25.920

A 35 C10-C24

8.411 4.806 - 12.016 17200383 93.5

QC Flag Legend

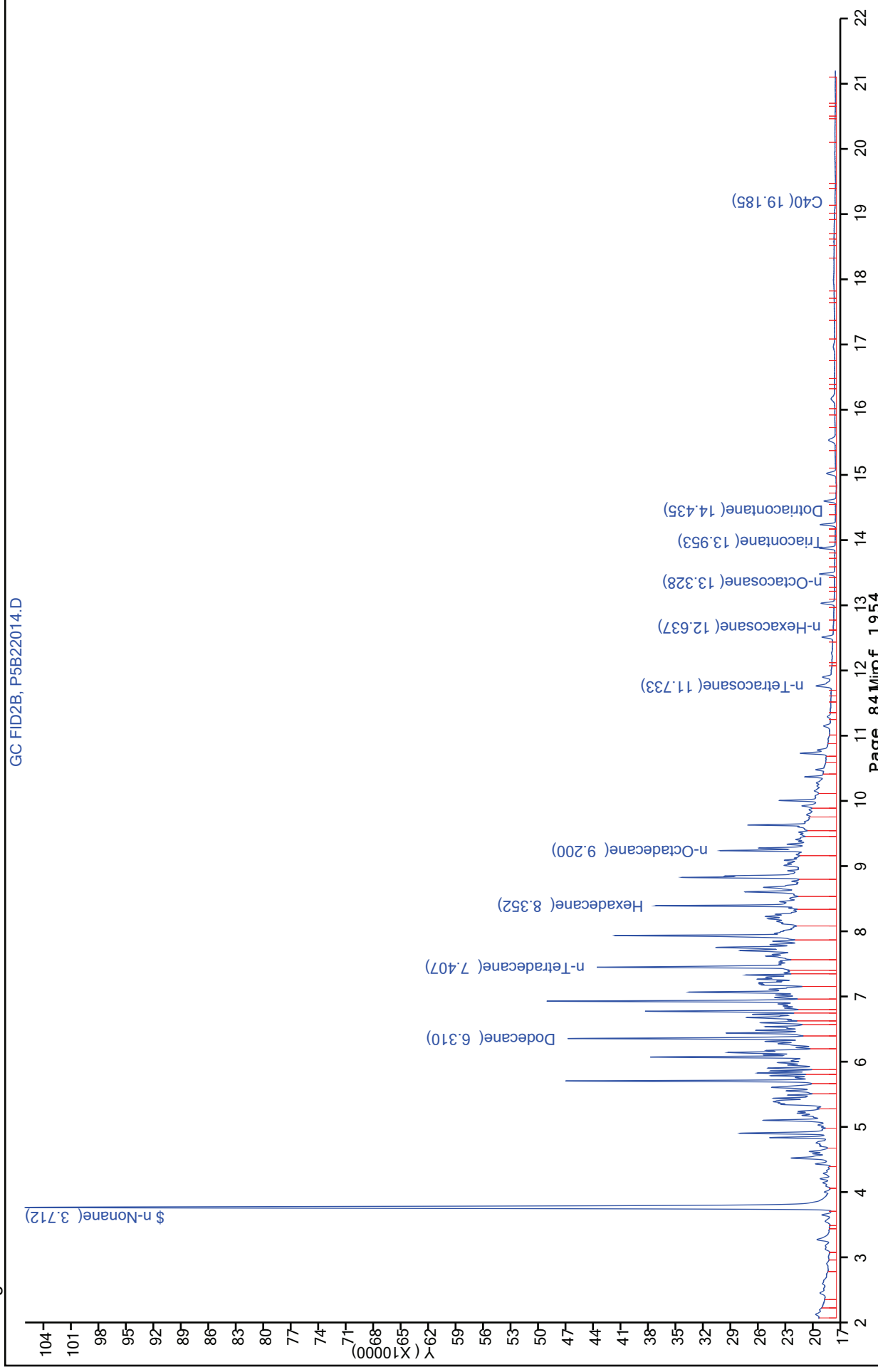
Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20130322-18164.b\P5B22014.D
Injection Date: 22-Mar-2013 12:47:32
Client ID:
Lims Batch ID: 79092
Operator ID: 4275
Limit Group: GC 8015C TPH ICAL
Instrument ID: A2HP5R
Lims Sample ID: 14
Injection Vol: 1.0 ul
Column Dia:

Y Scaling:



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-21987-1

SDG No.: _____

Instrument ID: A2HP5R Start Date: 03/11/2013 16:19

Analysis Batch Number: 77903 End Date: 03/11/2013 18:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-77903/4 IC		03/11/2013 16:19	1	P5B11004.D	
STD2 240-77903/5 IC		03/11/2013 16:50	1	P5B11005.D	
STD3 240-77903/6 IC		03/11/2013 17:20	1	P5B11006.D	
STD4 240-77903/7 IC		03/11/2013 17:51	1	P5B11007.D	
STD5 240-77903/8 IC		03/11/2013 18:22	1	P5B11008.D	
ICV 240-77903/9		03/11/2013 18:53	1	P5B11009.D	

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-21987-1

SDG No.: _____

Instrument ID: A2HP5R Start Date: 03/21/2013 16:46

Analysis Batch Number: 78992 End Date: 03/21/2013 19:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
MRL 240-78992/4		03/21/2013 16:46	1	P5B21004.D	
CCV 240-78992/5 CCVRT		03/21/2013 17:16	1	P5B21005.D	
240-21987-1	079-0007-0001-SOURCEW ATER	03/21/2013 17:45	1	P5B21006.D	
CCV 240-78992/8		03/21/2013 18:45	1	P5B21008.D	
MRL 240-78992/9		03/21/2013 19:15	1	P5B21009.D	

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-21987-1

SDG No.: _____

Instrument ID: A2HP5R Start Date: 03/22/2013 07:48Analysis Batch Number: 79092 End Date: 03/22/2013 12:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-79092/4		03/22/2013 07:48	1	P5B22004.D	
MRL 240-79092/5		03/22/2013 08:18	1	P5B22005.D	
CCV 240-79092/10		03/22/2013 10:47	1	P5B22010.D	
MB 240-78624/21-A		03/22/2013 11:17	1	P5B22011.D	
LCS 240-78624/22-A		03/22/2013 11:47	1	P5B22012.D	
CCV 240-79092/13		03/22/2013 12:17	1	P5B22013.D	
MRL 240-79092/14		03/22/2013 12:47	1	P5B22014.D	

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-21987-1

SDG No.:

Batch Number: 78624 Batch Start Date: 03/18/13 12:00 Batch Analyst: Matthews, Brandon

Batch Method: 3520C Batch End Date: 03/19/13 06:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjstpH	EXDIESELSPKW 00024	EXTPHSURR 00017
240-21987-O-1	079-0007-0001-SO URCEWATER	3520C, 8015B_DRO/DO D	T	1030 mL	5 mL	7	2		1 mL
MB 240-78624/21		3520C, 8015B_DRO/DO D		1000 mL	5 mL	7	2		1 mL
ICS 240-78624/22		3520C, 8015B_DRO/DO D		1000 mL	5 mL	7	2	1 mL	1 mL

Batch Notes	
Person's name who did the concentration	lah/cc/ac
Na2SO4 Lot Number	857426
Prep Solvent Lot #	890180

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.