

Report Date: 18-Nov-2009 09:50

TW-10
Groundwater
DRO

Pace Analytical Services, Inc.

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\111709f.b\321F0049.D

Lab Smp Id: 10116766008

Inj Date : 17-NOV-2009 22:29

Operator : KL1

Inst ID: 10gcs5.i

Smp Info : 10116766008, 5x

Misc Info : 6191

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\111709f.b\102809WDRO5F.m

Meth Date : 18-Nov-2009 09:45 klightner Quant Type: ESTD

Cal Date : 28-OCT-2009 11:54

Cal File: 301F0010.D

Als bottle: 17

Dil Factor: 5.00000

Integrator: HP Genie

Compound Sublist: all.sub

Target Version: 4.14

Processing Host: CHEMSTATION2

Concentration Formula: Amt * DF * Uf * Vt/ (Vo * Vi) * CpndVariable

Name	Value	Description

DF 5.000 Dilution Factor
 Uf 1.000 ng unit correction factor
 Vt 1.000 Volume of final extract (mL)
 Vo 1000.000 Volume of sample extracted (mL)
 Vi 1.000 Volume injected

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
*****	*****	*****	*****	*****	*****	*****
S 2 DRO	1.380-2.680			39029203	1298.98	6.49
8 5 n-Triacontane (8)	2.790	2.786	0.004	558138	16.5233	0.0826(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs5.i\111709f.b\321F0049.D

Report Date: 11/18/2009

Sample ID: 10116766008

TW-10
DRO

Client ID:

Instrument: 10gcs5.i

MP5890 GC Data: FID1A.CH

Sample Information: 10116766008, 5x

1.3-

Purge Volume:

Operator: KL1

1.2-

Column phase: DB-5MS

Column diameter: 0.25

1.1-

1.0-

0.9-

0.8-

0.7-

0.6-

0.5-

0.4-

0.3-

0.2-

0.1-

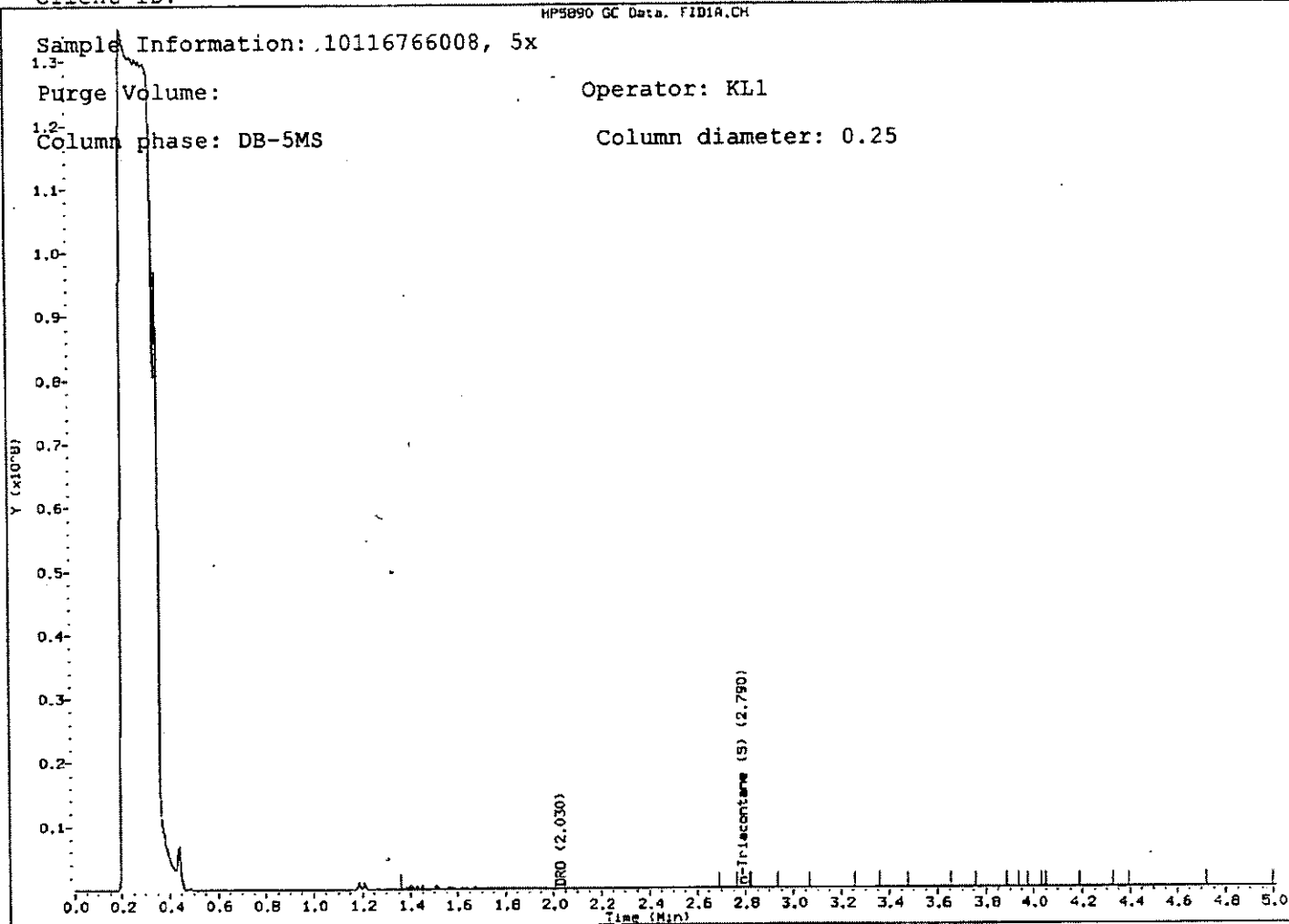
Y (x10⁻⁸)

0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.8 3.0 3.2 3.4 3.6 3.8 4.0 4.2 4.4 4.6 4.8 5.0

Time (Min)

DRO (2.030)

D-Tr-lecontane (5) (2.790)



Report Date: 17-Nov-2009 14:59

GRO
TW-10
Groundwater

Pace Analytical Services

Wisconsin GAS RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv5.i\111309a-2.b\31709.d

Lab Smp Id: 10116766008

Client Smp ID: 10116766008

Inj Date : 13-NOV-2009 16:03

Operator : MJH

Inst ID: 10gcv5.i

Smp Info : 10116766008,5x

Misc Info : 6634

Comment : Modified WIGRO

Method : \\192.168.10.12\chem\10gcv5.i\111309a-2.b\gv509-wigro-303.m

Meth Date : 17-Nov-2009 14:58 10gcv5.i Quant Type: ESTD

Cal Date : 30-OCT-2009 14:59

Cal File: 30309.d

Als bottle: 1

Dil Factor: 5.00000

Integrator: HP Genie

Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10MHECKMAN

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable

Local Compound Variable

Data File: \\192.168.10.12\chem\10gcv5.i\111309a-2.b\31709.d

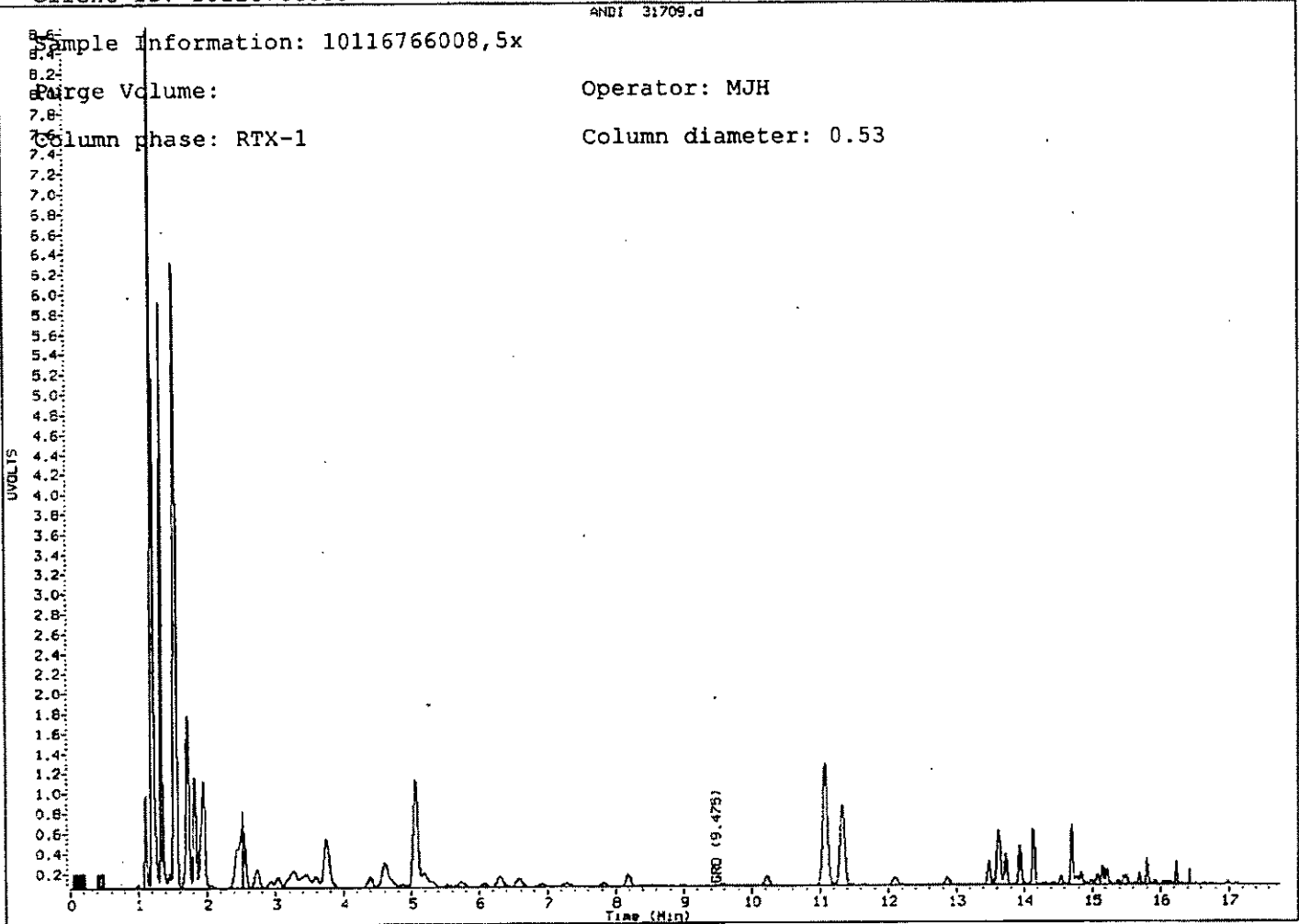
Report Date: 11/17/2009

Sample ID: 10116766008

Client ID: 10116766008

Instrument: 10gcv5.i

TW-10
GRO



Data File: \\192.168.10.12\chem\10gcs5.i\111709f.b\321F0050.D Page 1

Report Date: 18-Nov-2009 09:43

TW-100 (Duplicate of TW-10)
Groundwater
DRO

Pace Analytical Services, Inc.

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\111709f.b\321F0050.D

Lab Smp Id: 10116766009

Inj Date : 17-NOV-2009 22:36

Operator : KL1

Inst ID: 10gcs5.i

Smp Info : 10116766009, 5x

Misc Info : 6191

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\111709f.b\102809WDRO5F.m

Meth Date : 17-Nov-2009 18:51 klightner Quant Type: ESTD

Cal Date : 28-OCT-2009 11:54 Cal File: 301F0010.D

Als bottle: 18

Dil Factor: 5.00000

Integrator: HP Genie

Compound Sublist: all.sub

Target Version: 4.14

Processing Host: CHEMSTATION2

Concentration Formula: Amt * DF * Uf * Vt/ (Vo * Vi) * CpndVariable

Name	Value	Description
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DF 5.000 Dilution Factor
 Uf 1.000 ng unit correction factor
 Vt 1.000 Volume of final extract (mL)
 Vo 1000.000 Volume of sample extracted (mL)
 Vi 1.000 Volume injected
 Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (mg/L)
3 2 DRC	1.380-2.680			30111357	397.488	4.99
5 5 n-Triacontane (G)	2.788	2.786	0.002	492609	13.7805	0.0689

TW-100 (Duplicate of TW-10)
DRO Groundwater

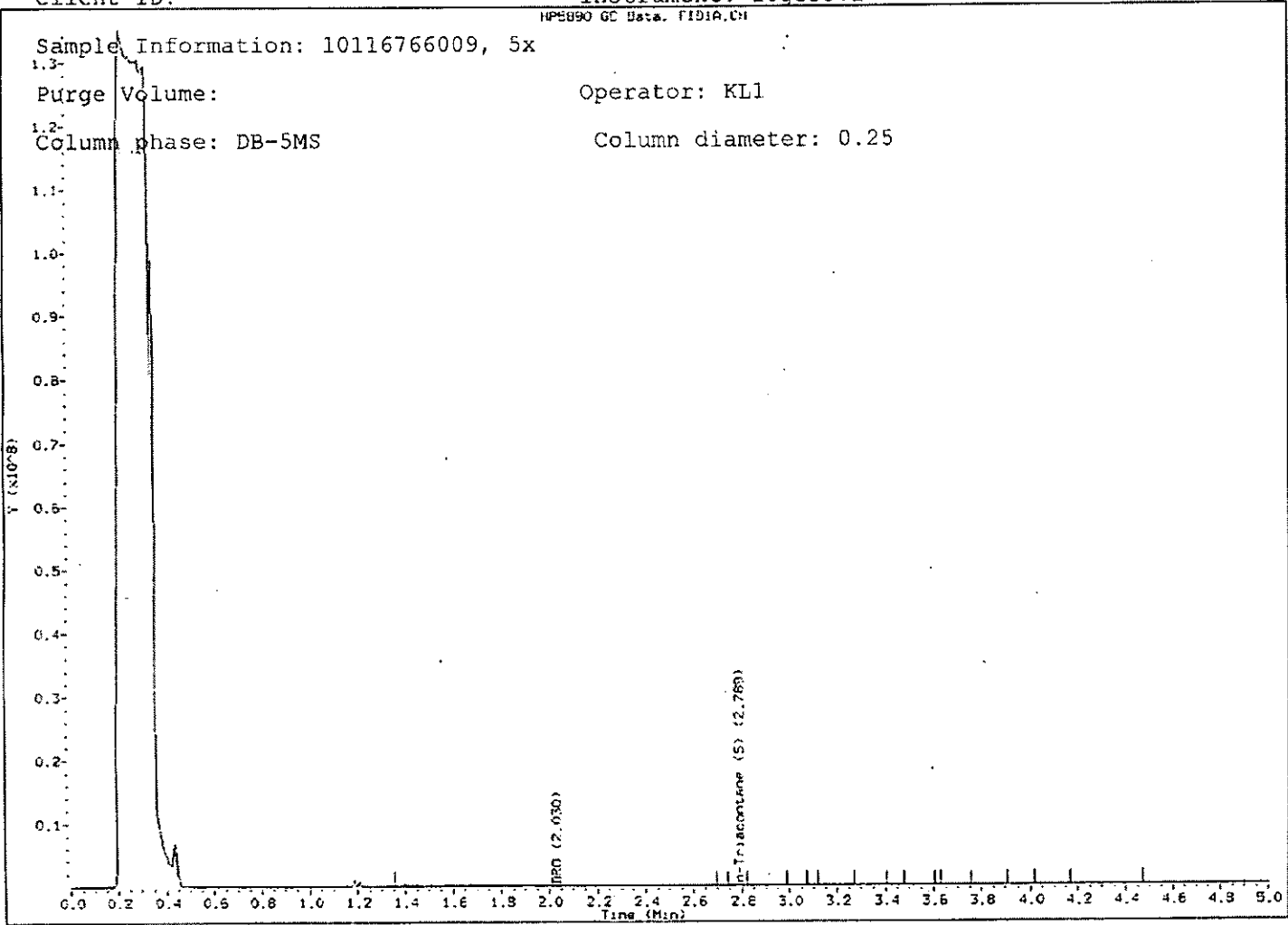
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Report Date: 11/18/2009

Sample ID: 10116766009

Client ID:

Instrument: 10gcs5.i



Data File: \\192.168.10.12\chem\10gcv5.i\111309a-2.b\31710.d Page 1

Report Date: 17-Nov-2009 14:59

TW-100 (Duplicate of TW-10)
Groundwater
GRO

Pace Analytical Services

Wisconsin GAS RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv5.i\111309a-2.b\31710.d

Lab Smp Id: 10116766009

Client Smp ID: 10116766009

Inj Date : 13-NOV-2009 16:24

Operator : MJH

Inst ID: 10gcv5.i

Smp Info : 10116766009,5x

Misc Info : 6634

Comment : Modified WIGRO

Method : \\192.168.10.12\chem\10gcv5.i\111309a-2.b\gv509-wigro-303.m

Meth Date : 17-Nov-2009 14:58 10gcv5.i Quant Type: ESTD

Cal Date : 30-OCT-2009 14:59 Cal File: 30309.d

Als bottle: 1

Dil Factor: 5.00000

Integrator: HP Genie

Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10MHECKMAN

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable

Local Compound Variable

TW-100 (Duplicate of TW-10)
Groundwater
GEO

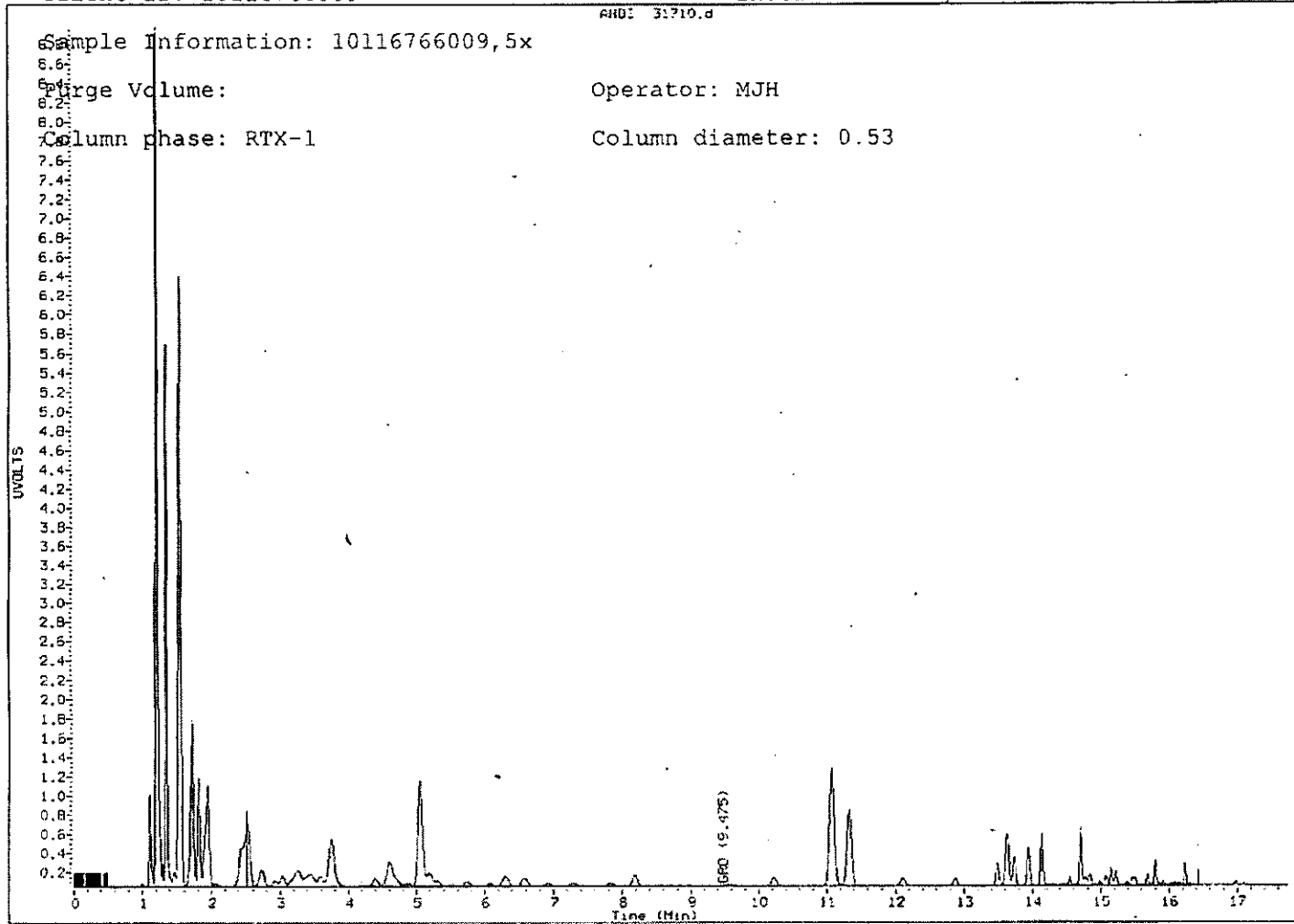
Data File: \\192.168.10.12\chem\10gcv5.i\111309a-2.b\31710.d

Report Date: 11/17/2009

Sample ID: 10116766009

Client ID: 10116766009

Instrument: 10gcv5.i



Data File: \\192.168.10.12\chem\10gcs5.i\111709f.b\321F0042.D Page 1

Report Date: 18-Nov-2009 09:48

DRO
TW-13
Groundwater

Pace Analytical Services, Inc.

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\111709f.b\321F0042.D

Lab Smp Id: 10116766006

Inj Date : 17-NOV-2009 21:34

Operator : KL1

Inst ID: 10gcs5.i

Smp Info : 10116766006

Misc Info : 6191

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\111709f.b\102809WDRO5F.m

Meth Date : 18-Nov-2009 09:45 klightner Quant Type: ESTD

Cal Date : 28-OCT-2009 11:54

Cal File: 301F0010.D

Als bottle: 10

Dil Factor: 1.00000

Integrator: HP Genie

Compound Sublist: all.sub

Target Version: 4.14

Processing Host: CHEMSTATION2

Concentration Formula: Amt * DF * Uf * Vt/ (Vo * Vi) * CpndVariable

Name	Value	Description
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DF 1.000 Dilution Factor
 Uf 1.000 ng unit correction factor
 Vt 1.000 Volume of final extract (mL)
 Vo 1000.000 Volume of sample extracted (mL)
 Vi 1.000 Volume injected

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
8 2 DRO	1.380-2.680			4771011	140.787	0.141
9 5 n-Triacontane (S)	2.793	2.786	0.007	2752835	108.386	0.108(M)

QC Flag Legend

M - Compound response manually integrated.

Groundwater

TW-13
DRO

Data File: \\192.168.10.12\chem\10gcs5.i\111709f.b\321F0042.D

Report Date: 11/18/2009

Sample ID: 10116766006

Client ID: Instrument: 10gcs5.i

HP5890 GC Data, FID1A.CH

Sample Information: 10116766006

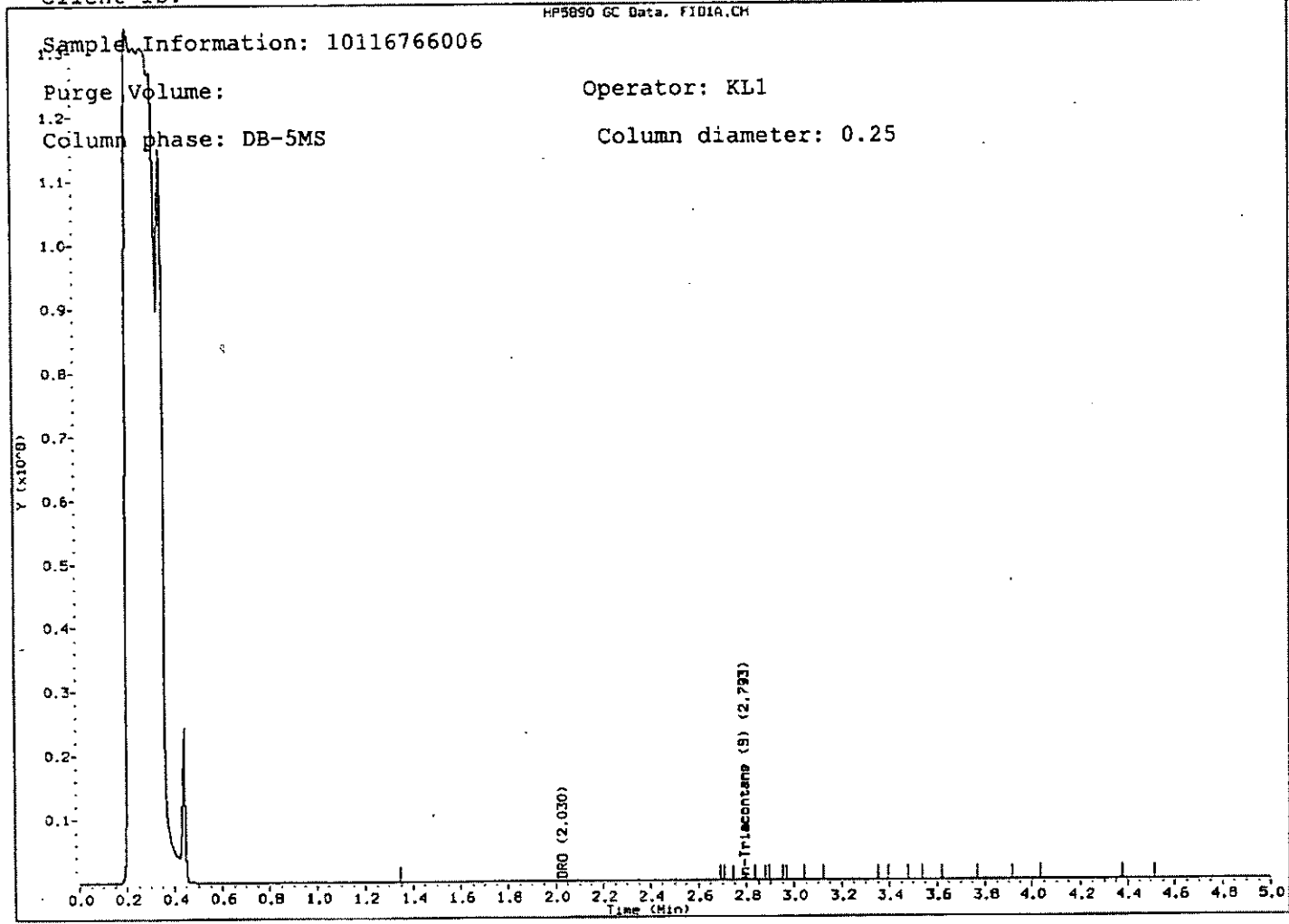
Purge Volume:

Operator: KL1

1.2-

Column phase: DB-5MS

Column diameter: 0.25



Report Date: 17-Nov-2009 13:14

Soil Sample B-10 (13')
DRO

Pace Analytical Services, Inc.

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\111609f.b\320F0067.D

Lab Smp Id: 10116766003

Inj Date : 17-NOV-2009 00:19

Operator : KL1

Inst ID: 10gcs5.i

Smp Info : 10116766003

Misc Info : 6195

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\111609f.b\102809WDRO5F.m

Meth Date : 17-Nov-2009 13:10 klightner Quant Type: ESTD

Cal Date : 28-OCT-2009 11:54

Cal File: 301F0010.D

Als bottle: 44

Dil Factor: 1.00000

Integrator: HP Genie

Compound Sublist: all.sub

Target Version: 4.14

Processing Host: CHEMSTATION2

Concentration Formula: Amt * DF * Uf * Vt / (Ws * Vi * (100-M) / 100) * CpndVariable

Name	Value	Description

DF 1.000 Dilution Factor
 Uf 1.000 Correction factor
 Vt 1.000 Volume of final extract (mL)
 Ws 25.000 Weight of sample extracted (g)
 Vi 1.000 Volume injected (uL)
 M 0.00000 % Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (mg/kg)
S 2 DRO	1.380-2.680			11145852	356.306	14.2
S 5 n-Triacontane (S)	2.783	2.786	-0.003	3169639	125.832	5.03(aM)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs5.i\111609f.b\320F0067.D

Report Date: 11/18/2009

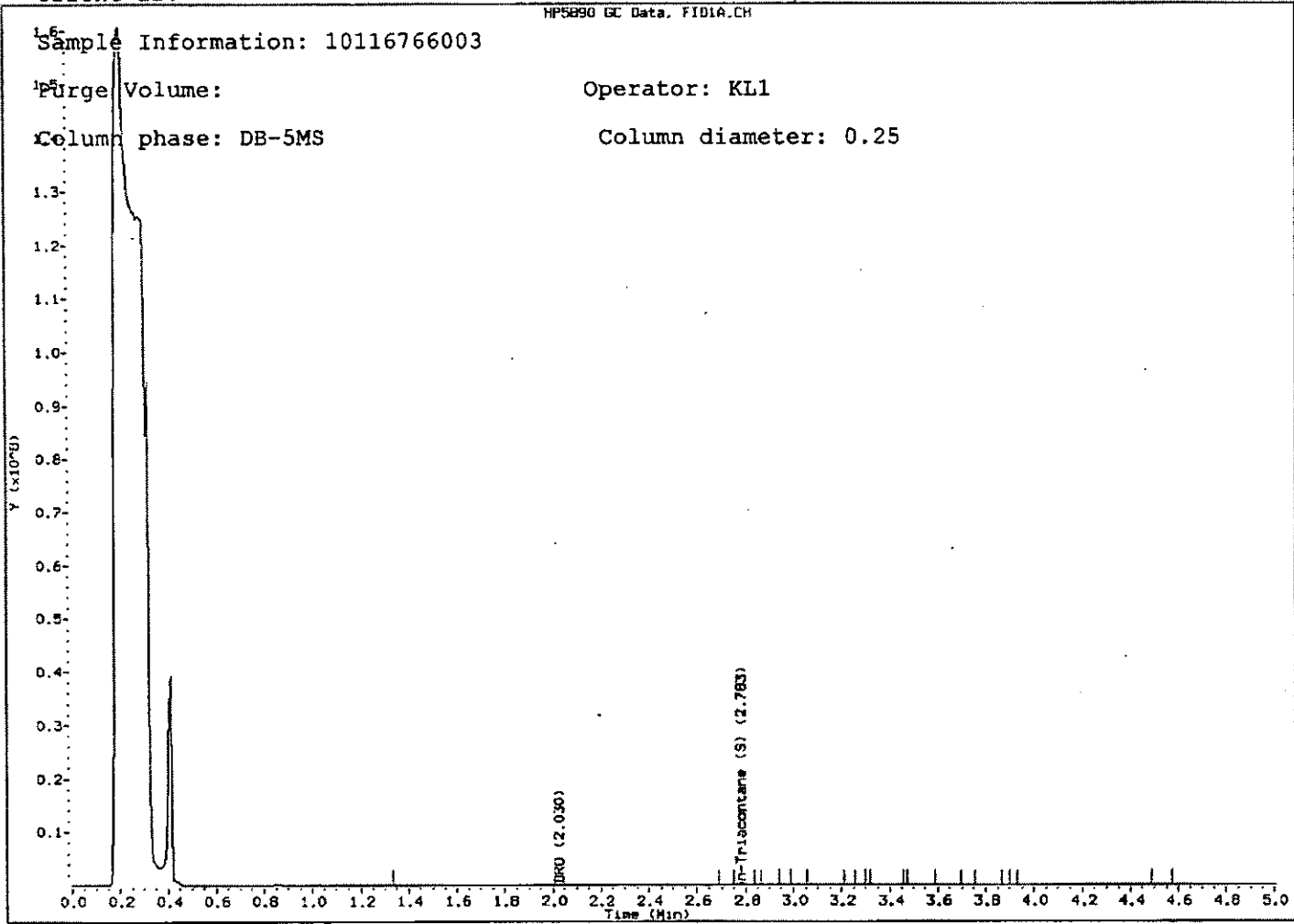
Sample ID: 10116766003

Client ID:

Instrument: 10gcs5.i

HP5890 GC Data: FID1A.CH

Soil Sample B-10(13')
DRO



Data File: \\10samba\chem\10gcv1.i\111309a.b\f1-31716.d

Page 1

Report Date: 16-Nov-2009 10:26

Soil - B-10 (13')
GRO

Pace Analytical Services

WI GASOLINE RANGE ORGANICS

Data file : \\10samba\chem\10gcv1.i\111309a.b\f1-31716.d

Lab Smp Id: 10116766003

Inj Date : 13-NOV-2009 18:47

Operator : AMS1

Inst ID: 10gcv1.i

Smp Info : 10116766003

Misc Info : 6631

Comment : GASOLINE RANGE ORGANICS

Method : \\10samba\chem\10gcv1.i\111309a.b\f1-GROsoil9309.m

Meth Date : 16-Nov-2009 10:26 10gcv1.i Quant Type: ESTD

Cal Date : 05-NOV-2009 22:14

Cal File: f1-30913.d

Als bottle: 16

Dil Factor: 1.00000

Integrator: HP Genie

Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10VOA5

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description
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DF 1.000 Dilution Factor
 Uf 5.000 Unit correction factor
 Vt 10.000 Total volume of methanol extract (mL)
 Ws 10.000 Weight of the sample extracted (g)
 M 0.00000 % Moisture
 Va 100.000 Volume of the aliquot of methanol added(
 Cpnd Variable Local Compound Variable

Compounds	CONCENTRATIONS					
	RT	EXP RT	DLT RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
3 5 GRO	2.220-14.240			65181888	236.210	11.81

Data File: \\10samba\chem\10gcv1.i\111309a.b/f1-31716.d

Report Date: 11/16/2009

Sample ID: 10116766003

Soil B-10(13')
GRO

Client ID:

Instrument: 10gcv1.i

HP A/D GC Data, data.cf

