



URS Corporation Limited
4th Floor
St James Building
61-95 Oxford St
Manchester
M1 6FQ

ATTN: Andrew Doerr

CERTIFICATE OF ANALYSIS

Date: 18 September, 2006
Our Reference: 06/14090/02/01
Your Reference: PLOTS A & B
Location: RHODIA WHITEHAVEN

A total of 31 samples was received for analysis between Tuesday, 18 July 2006 and Saturday, 19 August 2006 and completed on Wednesday, 13 September 2006. Accredited laboratory tests are defined in the log sheet, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation. We are pleased to enclose our final report, it was a pleasure to be of service to you, and we look forward to our continuing association.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials- whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Signed

<u>Diane Whittlestone</u>	<u>Jane Seymour</u>	<u>David O'Hare</u>	<u>Caroline Suttie</u>
Customer Services	Customer Services	Customer Services	Customer Services

Valid if signed by any of the above signatories.

Compiled By

Jane Seymour



ALcontrol Geochem

TEST SCHEDULE

JOB NUMBER : 06/14090/02

CLIENT : URS Corporation Limited

CONTACT : Andrew Doerr

DATE OF RECEIPT : 18/07/06

LOCATION: RHODIA WHITEHAVEN

BATCH NUMBER: 1

CLIENT REF/CODE : PLOTS A & B

ORDER NUMBER :

TURNAROUND : 10 days

Numeric values indicate additional scheduling

* Indicates test subcontracted

[illegible]

ALcontrol Geochem TEST SCHEDULE

JOB NUMBER : 06/14090/02
CLIENT : URS Corporation Limited
CONTACT : Andrew Doerr
DATE OF RECEIPT : 19/08/06
LOCATION : RHODIA WHITEHAVEN

BATCH NUMBER : 2
CLIENT REF/CODE : PLOTS A & B
ORDER NUMBER :
TURNAROUND : 10 days

Numeric values indicate additional scheduling
 * Indicates test subcontracted

		ISO 17025 Accredited ?																													
Sample Number	Sample Identity	P / V	Depth (m)	Sample Type	Anionic Surfactant (S)*	Phosphate (Ortho) Kone (S)	pH (S)	Nitrate as NO3 Kone (S)	Nitrogen Total Organic (S)*	EPH (DRO) (S)	VOC MS (S)	SVOC inc PAH MS (S)	NRA Leach	SVOC inc PAH MS (NRA)	SVOC inc PAH MS (NRA)	Anionic Surfactant (NRA)*	Cyanide Total (S)	Thiocyanate (S)	NRA Leach	Cyanide Total (NRA)	Thiocyanate (NRA)	GRO BTEX MTBE GC (S)	EPH (DRO) (NRA)	GRO BTEX MTBE GC (NRA)	NRA Leach	Take Volatile (NRA)					
13	WS551 (B)	JAR 250g	0.50-0.60	SOLID		X		X				X																			
14	WS551 (B)	TUB 400g	0.50-0.60	SOLID			X		X																						
15	WS551 (B)	TUB 400g	0.50-0.60	SOLID									X		X		X	X	X												
16	WS552 (B)	TUB 400g	1.50-1.60	SOLID																											
17	WS552 (B)	JAR 250g	1.50-1.60	SOLID			X	X				X																			
18	WS552 (B)	TUB 400g	1.50-1.60	SOLID									X		X		X	X	X												
19	WS553 (B)	JAR 250g	1.50-1.60	SOLID				X		X		X																			
20	WS553 (B)	TUB 400g	1.50-1.60	SOLID									X		X		X														
21	WS553 (B)	TUB 400g	1.50-1.60	SOLID			X		X																						
22	WS553 (B)	VOC	1.50-1.60	SOLID							X							X	X		X		2				2				
23	WS554 (B)	JAR 250g	0.70-0.80	SOLID				X				X																			
24	WS554 (B)	TUB 400g	0.70-0.80	SOLID																											
25	WS554 (B)	TUB 400g	0.70-0.80	SOLID																											
26	WS554 (B)	TUB 400g	0.70-0.80	SOLID			X											X	X	X	X										
27	WS555 (B)	JAR 250g	2.10-2.20	SOLID				X		X		X					X														
28	WS555 (B)	JAR 250g	2.10-2.20	SOLID																											
29	WS555 (B)	TUB 400g	2.10-2.20	SOLID				X										X	X		X										
30	WS555 (B)	TUB 400g	2.10-2.20	SOLID																											
31	WS555 (B)	VOC	2.10-2.20	SOLID							X												2								
Total Number of Tests					2	5	5	5	2	2	2	5	4	5	0	2	5	5	5	1	5	5	2	2	2	2	2	2			

ALcontrol Geochem Analytical Services Sample Descriptions

Job Number: 06/14090/02/01

Client: URS Corporation Limited

Client Ref : PLOTS A & B

Grain sizes

<0.063mm Very Fine

0.1mm - 0.063mm Fine

0.1mm - 2mm Medium

2mm - 10mm Coarse

>10mm Very Coarse

[illegible]

* These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

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Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

¹ Sample Description supplied by client



Table Of Results

» Shown on prev. report

Client Ref. No.: PLOTS A & B

Client Contact: Andrew Doerr

[illegible]

All results expressed on a dry weight basis.

Date 18.09.2006

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/14090/02/01
Client: URS Corporation Limited
Client Ref. No.: PLOTS A & B

Matrix: SOLID
Location: RHODIA WHITEHAVEN
Client Contact: Andrew Doerr

Sample Identity	WS502 A	WS502 A	WS503 A	WS504 A	WS551 (B)	WS552 (B)	WS553 (B)	WS554 (B)	WS555 (B)	Method Code	LoD/Units
Depth (m)	1.3-1.4	1.4-1.5	1.5-1.6	1.6-1.7	0.5-0.6	1.5-1.6	1.5-1.6	0.7-0.8	2.1-2.2		
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID		
Sampled Date	16.08.06	16.08.06	16.08.06	16.08.06	18.08.06	18.08.06	18.08.06	18.08.06	18.08.06		
Sample Received Date	18.07.06	18.07.06	18.07.06	18.07.06	19.08.06	19.08.06	19.08.06	19.08.06	19.08.06		
Batch	1	1	1	1	2	2	2	2	2		
Sample Number(s)	1-2	3-4	5-8	9-12	13-15	16-18	19-22	23-26	27-31		
SVOC by GCMS											
Phenols											
2-Chlorophenol	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
2-Methylphenol	259	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
2-Nitrophenol	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
2,4-Dichlorophenol	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
2,4-Dimethylphenol	238	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
2,4,5-Trichlorophenol	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
2,4,6-Trichlorophenol	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
4-Chloro-3-methylphenol	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
4-Methylphenol	223	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
4-Nitrophenol	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
Pentachlorophenol	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
Phenol	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
PAHs											
2-Chloronaphthalene	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
2-Methylnaphthalene	8982	-	1939	1454	<100	<100	11909	4486	<100	TM143	<100 ug/kg
Acenaphthene	1626	-	<100	<100	<100	<100	4430	<100	<100	TM143	<100 ug/kg
Acenaphthylene	421	-	<100	<100	<100	<100	3906	<100	<100	TM143	<100 ug/kg
Anthracene	1040	-	194	<100	<100	<100	27088	<100	<100	TM143	<100 ug/kg
Benzo(a)anthracene	1585	-	677	206	<100	<100	44083	225	129	TM143	<100 ug/kg
Benzo(a)pyrene	604	-	541	115	<100	<100	44295	156	<100	TM143	<100 ug/kg
Benzo(b)fluoranthene	1233	-	648	139	<100	<100	31395	152	<100	TM143	<100 ug/kg
Benzo(ghi)perylene	371	-	358	<100	<100	<100	28526	<100	<100	TM143	<100 ug/kg
Benzo(k)fluoranthene	880	-	534	<100	<100	<100	33097	132	<100	TM143	<100 ug/kg
Chrysene	2279	-	795	283	<100	<100	38444	335	<100	TM143	<100 ug/kg
Dibenzo(a,h)anthracene	147	-	<100	<100	<100	<100	8339	<100	<100	TM143	<100 ug/kg
Fluoranthene	7551	-	1002	312	<100	<100	95326	264	147	TM143	<100 ug/kg
Fluorene	1104	-	<100	<100	<100	<100	22675	<100	<100	TM143	<100 ug/kg
Indeno(1,2,3-cd)pyrene	341	-	298	<100	<100	<100	24614	<100	<100	TM143	<100 ug/kg

All results expressed on a dry weight basis.

Date 18.09.2006

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/14090/02/01

Matrix: SOLID

Client: URS Corporation Limited

Location: RHODIA WHITEHAVEN

Client Ref. No.: PLOTS A & B

Client Contact: Andrew Doerr

Sample Identity	WS502 A	WS502 A	WS503 A	WS504 A	WS551 (B)	WS552 (B)	WS553 (B)	WS554 (B)	WS555 (B)	Method Code	LoD/Units
Depth (m)	1.3-1.4	1.4-1.5	1.5-1.6	1.6-1.7	0.5-0.6	1.5-1.6	1.5-1.6	0.7-0.8	2.1-2.2		
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID		
Sampled Date	16.08.06	16.08.06	16.08.06	16.08.06	18.08.06	18.08.06	18.08.06	18.08.06	18.08.06		
Sample Received Date	18.07.06	18.07.06	18.07.06	18.07.06	19.08.06	19.08.06	19.08.06	19.08.06	19.08.06		
Batch	1	1	1	1	2	2	2	2	2		
Sample Number(s)	1-2	3-4	5-8	9-12	13-15	16-18	19-22	23-26	27-31		
PAHs (cont)											
Naphthalene	13755	-	1124	958	<100	<100	28294	2872	678	TM143	<100 ug/kg
Phenanthrene	6767	-	1501	788	<100	<100	95697	1230	133	TM143	<100 ug/kg
Pyrene	6175	-	785	245	<100	<100	73049	223	<100	TM143	<100 ug/kg
Phthalates											
Bis(2-ethylhexyl) phthalate	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
Butylbenzyl phthalate	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
Di-n-butyl phthalate	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
Di-n-Octyl phthalate	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
Diethyl phthalate	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
Dimethyl phthalate	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
Other Semi-volatiles											
1,2-Dichlorobenzene	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
1,2,4-Trichlorobenzene	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
1,3-Dichlorobenzene	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
1,4-Dichlorobenzene	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
2-Nitroaniline	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
2,4-Dinitrotoluene	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
2,6-Dinitrotoluene	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
3-Nitroaniline	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
4-Bromophenylphenylether	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
4-Chloroaniline	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
4-Chlorophenylphenylether	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
4-Nitroaniline	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
Azobenzene	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
Bis(2-chloroethoxy)methane	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
Bis(2-chloroethyl)ether	<100	-	<100	<100	<100	<100	<1000	<100	<100	TM143	<100 ug/kg
Carbazole	238	-	<100	<100	<100	<100	8400	<100	<100	TM143	<100 ug/kg
Dibenzofuran	3693	-	467	311	<100	<100	15087	668	<100	TM143	<100 ug/kg

All results expressed on a dry weight basis.

Date 18.09.2006

Job Number: 06/14090/02/01
Client: URS Corporation Limited
Client Ref. No.: PLOTS A & B

Matrix: SOLID
Location: RHODIA WHITEHAVEN
Client Contact: Andrew Doerr

[illegible]

All results expressed on a dry weight basis.

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Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
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* Subcontracted test
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Job Number: 06/14090/02/01
Client: URS Corporation Limited
Client Ref. No.: PLOTS A & B

Matrix: SOLID
Location: RHODIA WHITEHAVEN
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Sample Identity	WS502 A	WS502 A	WS503 A	WS504 A	WS551 (B)	WS552 (B)	WS553 (B)	WS554 (B)	WS555 (B)	Method Code	LoD/Units
Depth (m)	1.3-1.4	1.4-1.5	1.5-1.6	1.6-1.7	0.5-0.6	1.5-1.6	1.5-1.6	0.7-0.8	2.1-2.2		
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID		
Sampled Date	16.08.06	16.08.06	16.08.06	16.08.06	18.08.06	18.08.06	18.08.06	18.08.06	18.08.06		
Sample Received Date	18.07.06	18.07.06	18.07.06	18.07.06	19.08.06	19.08.06	19.08.06	19.08.06	19.08.06		
Batch	1	1	1	1	2	2	2	2	2		
Sample Number(s)	1-2	3-4	5-8	9-12	13-15	16-18	19-22	23-26	27-31		
Volatile Organic Compounds											
Dichlorodifluoromethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Chloromethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Vinyl Chloride	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
Bromomethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Chloroethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Trichlorofluoromethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
trans-1-2-Dichloroethene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Dichloromethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Carbon Disulphide	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
1,1-Dichloroethene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
1,1-Dichloroethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
Methyl Tertiary Butyl Ether	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
cis-1-2-Dichloroethene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
Bromochloromethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Chloroform	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
2,2-Dichloropropane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
1,2-Dichloroethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
1,1,1-Trichloroethane	-	<1	<1	116	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
1,1-Dichloropropene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
Benzene	-	<1	13	<1	-	-	40	-	<1	TM116 [#] _M	<1 ug/kg
Carbontetrachloride	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
Dibromomethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
1,2-Dichloropropane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
Bromodichloromethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
Trichloroethene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
cis-1-3-Dichloropropene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
trans-1-3-Dichloropropene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
1,1,2-Trichloroethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Toluene	-	56	27	18	-	-	51	-	<1	TM116 [#] _M	<1 ug/kg
1,3-Dichloropropane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg

All results expressed on a dry weight basis.

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Table Of Results

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Job Number: 06/14090/02/01

Matrix: SOLID

Client: URS Corporation Limited

Location: RHODIA WHITEHAVEN

Client Ref. No.: PLOTS A & B

Client Contact: Andrew Doerr

Sample Identity	WS502 A	WS502 A	WS503 A	WS504 A	WS551 (B)	WS552 (B)	WS553 (B)	WS554 (B)	WS555 (B)	Method Code	LoD/Units
Depth (m)	1.3-1.4	1.4-1.5	1.5-1.6	1.6-1.7	0.5-0.6	1.5-1.6	1.5-1.6	0.7-0.8	2.1-2.2		
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID		
Sampled Date	16.08.06	16.08.06	16.08.06	16.08.06	18.08.06	18.08.06	18.08.06	18.08.06	18.08.06		
Sample Received Date	18.07.06	18.07.06	18.07.06	18.07.06	19.08.06	19.08.06	19.08.06	19.08.06	19.08.06		
Batch	1	1	1	1	2	2	2	2	2		
Sample Number(s)	1-2	3-4	5-8	9-12	13-15	16-18	19-22	23-26	27-31		
Volatile Organic Compounds (cont)											
Dibromochloromethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
1,2-Dibromoethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Tetrachloroethene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
1,1,1,2-Tetrachloroethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
Chlorobenzene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
Ethylbenzene	-	22	<1	<1	-	-	33	-	<1	TM116 [#]	<1 ug/kg
p/m-Xylene	-	122	<1	<1	-	-	161	-	<1	TM116 [#]	<1 ug/kg
Bromoform	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Styrene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
1,1,2,2-Tetrachloroethane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
o-Xylene	-	36	<1	<1	-	-	97	-	<1	TM116 [#]	<1 ug/kg
1,2,3-Trichloropropane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Isopropylbenzene	-	<1	<1	<1	-	-	9	-	<1	TM116 [#]	<1 ug/kg
Bromobenzene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
2-Chlorotoluene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Propylbenzene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
4-Chlorotoluene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
1,2,4-Trimethylbenzene	-	<1	<1	<1	-	-	58	-	<1	TM116 [#]	<1 ug/kg
4-Isopropyltoluene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
1,3,5-Trimethylbenzene	-	<1	<1	<1	-	-	30	-	<1	TM116 [#]	<1 ug/kg
1,2-Dichlorobenzene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
1,4-Dichlorobenzene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#] _M	<1 ug/kg
sec-Butylbenzene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
tert-Butylbenzene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
1,3-Dichlorobenzene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
n-Butylbenzene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
1,2-Dibromo-3-chloropropane	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
1,2,4-Trichlorobenzene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg
Naphthalene	-	<1	<1	<1	-	-	11665	-	269	TM116 [#]	<1 ug/kg
1,2,3-Trichlorobenzene	-	<1	<1	<1	-	-	<1	-	<1	TM116 [#]	<1 ug/kg

All results expressed on a dry weight basis.

Date 18.09.2006

Validated

Preliminary



ALcontrol Geochem Analytical Services

ISO 17025 accredited

^M MCERTS accredited

* Subcontracted test

» Shown on prev. report

Job Number: 06/14090/02/01

Matrix: SOLID

SOLID

Client: URS Corporation Limited

Location: RHODIA WHITEHAVEN

RHODIA WHITEHAVEN

Client Ref. No.: PLOTS A & B

Client Contact: Andrew Doerr

[illegible]

All results expressed on a dry weight basis.

Date 18.09.2006

Job Number: 06/14090/02/01
Client: URS Corporation Limited
Client Ref. No.: PLOTS A & B

» Shown on p. 1

Matrix: LEACHATE
Location: RHODIA WHITEHAVEN
Client Contact: Andrew Doerr

[illegible]

Date 18.09.2006

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/14090/02/01

Matrix: LEACHATE

Client: URS Corporation Limited

Location: RHODIA WHITEHAVEN

Client Ref. No.: PLOTS A & B

Client Contact: Andrew Doerr

Sample Identity	WS502 A	WS502 A	WS503 A	WS504 A	WS551 (B)	WS552 (B)	WS553 (B)	WS554 (B)	WS555 (B)	Method Code	LoD/Units
Depth (m)	1.3-1.4	1.4-1.5	1.5-1.6	1.6-1.7	0.5-0.6	1.5-1.6	1.5-1.6	0.7-0.8	2.1-2.2		
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID		
Sampled Date	16.08.06	16.08.06	16.08.06	16.08.06	18.08.06	18.08.06	18.08.06	18.08.06	18.08.06		
Sample Received Date	18.07.06	18.07.06	18.07.06	18.07.06	19.08.06	19.08.06	19.08.06	19.08.06	19.08.06		
Batch	1	1	1	1	2	2	2	2	2		
Sample Number(s)	1-2	3-4	5-8	9-12	13-15	16-18	19-22	23-26	27-31		
SVOC by GCMS											
Phenols											
2-Chlorophenol (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
2-Methylphenol (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
2-Nitrophenol (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
2,4-Dichlorophenol (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
2,4-Dimethylphenol (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
2,4,5-Trichlorophenol (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
2,4,6-Trichlorophenol (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
4-Chloro-3-methylphenol (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
4-Methylphenol (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
4-Nitrophenol (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Pentachlorophenol (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Phenol (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
PAHs											
2-Chloronaphthalene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
2-Methylnaphthalene (NRA)	-	-	<1	-	<1	<1	35	<1	<1	TM143	<1 ug/l
Acenaphthene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Acenaphthylene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Anthracene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Benzo(a)anthracene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Benzo(a)pyrene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Benzo(b)fluoranthene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Benzo(ghi)perylene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Benzo(k)fluoranthene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Chrysene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Dibenzo(a,h)anthracene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Fluoranthene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Fluorene (NRA)	-	-	<1	-	<1	<1	32	<1	<1	TM143	<1 ug/l
Indeno(1,2,3-cd)pyrene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l

Date 18.09.2006

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/14090/02/01
Client: URS Corporation Limited
Client Ref. No.: PLOTS A & B

Matrix: LEACHATE
Location: RHODIA WHITEHAVEN
Client Contact: Andrew Doerr

Sample Identity	WS502 A	WS502 A	WS503 A	WS504 A	WS551 (B)	WS552 (B)	WS553 (B)	WS554 (B)	WS555 (B)	Method Code	LoD/Units
Depth (m)	1.3-1.4	1.4-1.5	1.5-1.6	1.6-1.7	0.5-0.6	1.5-1.6	1.5-1.6	0.7-0.8	2.1-2.2		
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID		
Sampled Date	16.08.06	16.08.06	16.08.06	16.08.06	18.08.06	18.08.06	18.08.06	18.08.06	18.08.06		
Sample Received Date	18.07.06	18.07.06	18.07.06	18.07.06	19.08.06	19.08.06	19.08.06	19.08.06	19.08.06		
Batch	1	1	1	1	2	2	2	2	2		
Sample Number(s)	1-2	3-4	5-8	9-12	13-15	16-18	19-22	23-26	27-31		
PAHs (cont)											
Naphthalene (NRA)	-	-	<1	-	<1	1	207	<1	<1	TM143	<1 ug/l
Phenanthrene (NRA)	-	-	<1	-	<1	<1	53	<1	<1	TM143	<1 ug/l
Pyrene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Phthalates											
Bis(2-ethylhexyl) phthalate (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Butylbenzyl phthalate (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Di-n-butyl phthalate (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Di-n-Octyl phthalate (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Diethyl phthalate (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Dimethyl phthalate (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Other Semi-volatiles											
1,2-Dichlorobenzene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
1,2,4-Trichlorobenzene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
1,3-Dichlorobenzene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
1,4-Dichlorobenzene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
2-Nitroaniline (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
2,4-Dinitrotoluene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
2,6-Dinitrotoluene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
3-Nitroaniline (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
4-Bromophenylphenylether (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
4-Chloroaniline (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
4-Chlorophenylphenylether (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
4-Nitroaniline (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Azobenzene (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Bis(2-chloroethoxy)methane (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Bis(2-chloroethyl)ether (NRA)	-	-	<1	-	<1	<1	<20	<1	<1	TM143	<1 ug/l
Carbazole (NRA)	-	-	<1	-	<1	<1	57	<1	<1	TM143	<1 ug/l
Dibenzofuran (NRA)	-	-	<1	-	<1	<1	24	<1	<1	TM143	<1 ug/l

Date 18.09.2006

ALcontrol Geochem Analytical Services

Table Of Results - Appendix

Job Number: 06/14090/02/01
Client: URS Corporation Limited
Client Ref. No.: PLOTS A & B

Report Key :

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03x10⁻⁷

NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Sample ¹	Surrogate Corrected
TM061	Method for the Determination of EPH, Massachusetts Dept. of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)			NA	
TM061	Method for the Determination of EPH, Massachusetts Dept. of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	✓	✓	DRY	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)			NA	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓		WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓	✓	WET	
TM100	BS 2690: Part 105:1983	Determination of Phosphate using the Kone Analyser	✓		DRY	
TM102	Method 4500H, AWWA/APHA, 20th Ed., 1999	Determination of Total Oxidised Nitrogen using the Kone Analyser	✓		DRY	
TM116	Modified: US EPA Method 8260, 8120, 8020, 624, 610 & 602	Determination of Volatile Organic Compounds by Headspace / GC-MS	✓		WET	
TM116	Modified: US EPA Method 8260, 8120, 8020, 624, 610 & 602	Determination of Volatile Organic Compounds by Headspace / GC-MS	✓	✓	WET	
TM133	BS 1377: Part 3 1990	Determination of pH in Soil and Water using the GLpH pH Meter	✓	✓	WET	
TM143	Modified: US EPA Method 8270C	Determination of Semivolatile Organic Compounds by GC-MS			WET	
TM153	Method 4500A,B,C, I, M AWWA/APHA, 20th Ed., 1999	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate using the "Skalar SANS+ System" Segmented Flow Analyser			NA	
TM153	Method 4500A,B,C, I, M AWWA/APHA, 20th Ed., 1999	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate using the "Skalar SANS+ System" Segmented Flow Analyser	✓	✓	WET	

¹ Applies to Solid samples only. DRY indicates samples have been dried at 35°C. NA = not applicable.

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/14090/02/01
Client: URS Corporation Limited
Client Ref. No.: PLOTS A & B

Summary of Coolbox temperatures

Batch No.	Coolbox Temperature (°C)
1	15
2	17

APPENDIX

APPENDIX

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following:
NRA Leach tests, flash point, ammonium as NH_4 by the BRE method, VOC TICS, SVOC TICS, TOF-MS SCAN/SEARCH and TOF-MS TICS.
2. Samples will be run in duplicate upon request, but an additional charge may be incurred.
3. If sufficient sample is received a sub sample will be retained free of charge for one month after analysis is completed (e-mailed) for both soil jars and tubs. All waters, volatile jars and vials will be discarded after one month of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALcontrol Geochem reserve the right to charge for samples received and stored but not analysed.
4. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.
5. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.
6. When requested, an asbestos screen is done in-house on soils and if no fibres are found will be reported as NFD – no fibres detected. If asbestos is detected, then identification is carried out by ALcontrol Shutler. If a sample is suspected of containing asbestos, then further preparation and analysis will be suspended on that sample until the asbestos result is known. If asbestos is present, then no further analysis will be undertaken.
7. If no separate volatile sample is supplied by the client, the integrity of the data may be compromised if the laboratory is required to create a sub-sample from the bulk sample – similarly, if a headspace or sediment is present in the volatile sample. This will be flagged up as an invalid VOC on the test schedule.
8. NDP – No determination possible due to insufficient/unsuitable sample.
9. Metals in water are performed on a filtered sample, and therefore represent dissolved metals – total metals must be requested separately.
10. A table containing the date of analysis for each parameter is not routinely included with the report, but is available upon request.
11. **Surrogate recoveries** – Currently the only analyses which are surrogate corrected are EPH and PAHs on soils.
12. **Product analyses** – Organic analyses on products can only be semi-quantitative due to the matrix effects and high dilution factors employed.
13. Phenols monohydric by HPLC includes phenol, cresols (2-Methylphenol, 3-Methylphenol and 4-Methylphenol) and Xylenols (2,3 Dimethylphenol, 2,4 Dimethylphenol, 2,5 Dimethylphenol, 2,6 Dimethylphenol, 3,4 Dimethylphenol, 3,5 Dimethylphenol).
14. Total of 8 speciated phenols by HPLC includes Resorcinol, Catechol, Phenol, Napthol, 2,3,5-Trimethyl Phenol, 2-Isopropylphenol, cresols and xylenols (as detailed in 13).
15. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.
16. Our MCERTS accreditation for PAHs by GCMS applies to all product types apart from Kerosene, where naphthalene only is not accredited.
17. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

Last updated August 2006

MCERTS

1. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granula material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
2. It should be noted that for a particular set of data some of the data may not always meet the precision and bias criteria as prescribed by MCERTS. This is because whilst criteria were met when the method was originally validated, specific criteria for ongoing AQC were not set by the Environment Agency, so that the point of reference becomes the criteria used for the original validation. The precision and bias data for the certified reference material (CRM), used in the method may itself fall outside these criteria and as a result the samples associated with the batch in question do not strictly meet the MCERTS criteria. This issue is common to all UK laboratories although in practice this is not always reported as such. However in the interest of maintaining strict conformance with both MCERTS and UKAS ISO17025 such data are flagged by Alcontrol as not claiming MCERTS, but still meets the requirements of ISO17025. This should not detract from the usability of such data in terms of their application to the existing project.

Last updated August 2006

ALCONTROL GEOCHEM - MCERTS UPDATE (8th August 2006)

Annex A (normative)

Table 1 - Performance characteristics (metals and organometallics)	UKAS	MCERTS
Antimony	yes	yes
Arsenic	yes	yes
Barium	yes	yes
Beryllium	yes	yes
Boron (water soluble)	yes	yes
Cadmium	yes	yes
Cobalt	yes	yes
Copper	yes	yes
Chromium	yes	yes
Iron	yes	yes
Lead	yes	yes
Manganese	yes	yes
Mercury	yes	yes
Molybdenum	yes	yes
Nickel	yes	yes
Organolead compounds	no	no
Organotin compounds	no	no
Selenium	yes	yes
Thallium	yes	p
Vanadium	yes	yes
Zinc	yes	yes

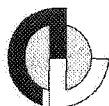
Table 2 - Performance characteristics (inorganics)	UKAS	MCERTS
Easily liberated cyanide	yes	yes
Complex cyanide	yes	yes
pH	yes	yes
LOI	yes	yes
Sulphide	yes	p
Sulphate	yes	yes
Sulphur	yes	yes
Thiocyanate	yes	yes
Exchangeable Ammonium	yes	yes

Table 3 - Performance characteristics (organics)	UKAS	MCERTS
Benzene (GC- FID & GC-MS)	yes	yes
Benzo[a]pyrene (GC-MS)	yes	yes
Chlorobenzene	yes	yes
Chloromethane	yes	p
Chlorophenol (2-chlorophenol)	yes	yes
Chlorotoluene(2-chlorotoluene, 4-chlorotoluene)	yes	p
1,2-dichloroethane	yes	p
Dichloromethane	yes	p
"Dioxins"	no	no
Ethylbenzene	yes	p
"Furans"	no	no
Hexachlorobutadiene (SVOC)	yes	yes
"Hydrocarbons"	yes	yes
"Nitroaromatics"	yes	no
Pentachlorophenol	p	p
"Phenols" - Phenol by HPLC	yes	yes
"Phthalate esters"	p	p
		yes, exc naphthalene when Kerosene
"Polyaromatic hydrocarbons" by GC-MS	yes	
"Polychlorinated biphenyls" (Aroclors)	yes	yes
Tetrachloroethane (1,1,1,2)	yes	yes
Tetrachloroethene	yes	p
Tetrachloromethane (carbon tetrachloride)	yes	yes
Toluene (GC-FID)	yes	yes
Trichloroethane	yes	yes
Trichloroethene	yes	yes
Trichloromethane (chloroform)	yes	yes
Vinyl chloride	yes	yes
Xylene (GC-FID)	yes	yes

yes - accreditation awarded

p = pending - data meeting MCERTS criteria submitted to UKAS - awaiting certification

no = not being submitted in the near future



ALcontrol Laboratories

Rotherham Laboratory : Templeborough House, Mill Close, Rotherham. S60 1BZ.
 Bellshill Laboratory : 2 Mallard Way, Strathclyde Business Park, Bellshill. ML4 3BF.
 Bradford Laboratory : George Street, Bradford, BD1 5AU.
 Telephone: 01709 841096 Fax: 01709 841079 E-mail : customer.services@alcontrol.co.uk

(UKAS Lab No. 0995/2300)
 (UKAS Lab No. 0995)
 (UKAS Lab No. 0996)

Certificate of Analysis

Sample Received : 21/08/2006
 Analysis Completed : 25/08/2006
 Site Name : 14090

Your PO No : 12972

ALcontrol Laboratories
 ALcontrol Chester
 Units 7 & 8 Hawarden Business Park
 Off Manor Lane
 Hawarden
 Deeside
 CH5 3US

Our Ref		060082470		060082471		060082472	
Your Ref		14090-1		14090-7		14090-10	
Sampled On		18/08/2006		18/08/2006		18/08/2006	
Method							
Air Dried Solids	R1.1	79.90	%	82.30	%	89.40	%
Stones > 10mm	R1.1	0.00	%	0.00	%	41.40	%
TON (2:1 water soluble)	R*2.7.3	<1	mg/kg N	<1	mg/kg N	<1	mg/kg N

Approved by: Peter Morley (Site Manager)

Reported : 25/08/2006 16:00

SDG Number : SDG06023316

Certificate ID : 197027

Page 1 of 1



Methods marked * in this report are not in the UKAS Accreditation Schedule for our Laboratory. Methods marked \$ are subcontracted, those prefixed R are performed at the Rotherham Lab & those prefixed S are performed at the Bellshill Lab. Comments, opinions & interpretations expressed herein are outside the scope of UKAS Accreditation. Details of the methods used and their performance characteristics are available on request. Unless otherwise stated, sampling was not carried out by ALcontrol Laboratories. < = less than; > = greater than; DSB = dry solids basis.

0995
 0996
 2300

v2.0.7

ALcontrol Laboratories is a trading division of ALcontrol UK Limited. Registered Office : Templeborough House, Mill Close, Rotherham S60 1BZ. Registered in England and Wales No. 4057291



ALcontrol Laboratories

Rotherham Laboratory : Templeborough House, Mill Close, Rotherham. S60 1BZ.
 Bellshill Laboratory : 2 Mallard Way, Strathclyde Business Park, Bellshill. ML4 3BF.
 Bradford Laboratory : George Street, Bradford. BD1 5AU.
 Telephone: 01709 841096 Fax: 01709 841079 E-mail: customer.services@alcontrol.co.uk

(UKAS Lab No. 0995/2300)
 (UKAS Lab No. 0995)
 (UKAS Lab No. 0996)

Certificate of Analysis

Sample Received : 22/08/2006
 Analysis Completed : 29/08/2006
 Site Name : 14090

Your PO No : 12993

ALcontrol Laboratories
 ALcontrol Chester
 Units 7 & 8 Hawarden Business Park
 Off Manor Lane
 Hawarden
 Deeside
 CH5 3US

Our Ref		060082926		060082927		
Your Ref		14090 - 14		14090 - 21		
Sampled On		21/08/2006		21/08/2006		
Method						
Air Dried Solids	R1.1	85.70	%	88.10	%	
Stones > 10mm	R1.1	11.30	%	12.70	%	
TON (2:1 water soluble)	R*2.7.3	<1	mg/kg N	<1	mg/kg N	

Approved by: Peter Morley (Site Manager)

Reported : 30/08/2006 10:21

SDG Number : SDG06023434

Certificate ID : 197337

Page 1 of 1

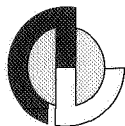


Methods marked * in this report are not in the UKAS Accreditation Schedule for our Laboratory. Methods marked \$ are subcontracted, those prefixed R are performed at the Rotherham Lab & those prefixed S are performed at the Bellshill Lab. Comments, opinions & interpretations expressed herein are outside the scope of UKAS Accreditation. Details of the methods used and their performance characteristics are available on request. Unless otherwise stated, sampling was not carried out by ALcontrol Laboratories. < = less than; > = greater than; DSB = dry solids basis.

0995
 0996
 2300

v2.0.7

ALcontrol Laboratories is a trading division of ALcontrol UK Limited. Registered Office : Templeborough House, Mill Close, Rotherham S60 1BZ. Registered in England and Wales No. 4057291



Jane Seymour
ALcontrol Hawarden
Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Chester
CH5 3US

07 September 2006

TEST REPORT

Our Report Number: 06-19841

Your Order Reference: 12991

2 soil samples submitted for analysis on 22/08/2006

Project Code: 14090

Laboratory analysis started on 22/08/2006

All laboratory analysis completed by 07 September 2006

Rexona Rahman
Analytical Reporting Manager
ALCONTROL TECHNICHEM

Leigh Barker
Project Co-ordinator
ALCONTROL TECHNICHEM

Test methods are documented in house procedures or where appropriate standard methods. A summary of these methods are included within the report. All samples connected with this report, including any 'on hold', will be stored and disposed of according to company policy. A copy of this policy is available on request.

Matrix: Soil

Job Number: 06-19841
Client: Alcontrol Laboratories
Project Code: 14090

[illegible]

ALcontrol Technichem Table Of Results

Matrix : Soil

Client : Alcontrol Laboratories

[illegible]

[†] ISO 17025 accredited.

^M MCERTS accredited for sand, loam and clay.

ALcontrol Technichem

Table Of Results - Appendix

Job Number : 06-19841

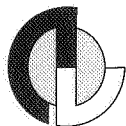
Project Code: 14090

Client : Alcontrol Laboratories

Summary of methods contained within report :

Method No.	Reference	Description	Wet/Dry Analysis
SMEW	In-house method based on Method 5540 C, "Standard Methods for the Examination of Water and Waste Water", APHA AWWA WEF, Edition 18, 1992	Determination of water soluble methylene blue active substances (anionic surfactants) in soil samples by colorimetry	W

Soil results are expressed on a dry weight basis. Where the test uses as-received sample, a moisture correction factor is applied to the wet weight result. This factor is determined gravimetrically using weight loss on drying at 30° (+/-5) C.



Jane Seymour
ALcontrol Hawarden
Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Chester
CH5 3US

07 September 2006

TEST REPORT

Our Report Number: 06-19795

Your Order Reference: 12970

3 soil samples submitted for analysis on 21/08/2006

Project Code: 14090

Laboratory analysis started on 21/08/2006

All laboratory analysis completed by 07 September 2006

Rexona Rahman
Analytical Reporting Manager
ALCONTROL TECHNICHEM

Tracy Pia
Quality Manager

ALCONTROL TECHNICHEM

Test methods are documented in house procedures or where appropriate standard methods. A summary of these methods are included within the report. All samples connected with this report, including any 'on hold', will be stored and disposed of according to company policy. A copy of this policy is available on request.

Alcontrol Technichem Sample Description

Job Number: 06-19795
Client: Alcontrol Laboratories
Project Code: 14090

Matrix: Soil

[illegible]

ALcontrol Technichem Table Of Results

Job Number : 06-19795

Matrix : Soil

Project Code: 14090

Client : Alcontrol Laboratories

[illegible]

^I ISO 17025 accredited.

^M MCERTS accredited for sand, loam and clay.

ALcontrol Technichem

Table Of Results - Appendix

Job Number : 06-19795

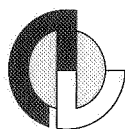
Project Code: 14090

Client : Alcontrol Laboratories

Summary of methods contained within report :

Wet/Dry Analysis	
Method No.	Reference
SMEW	In-house method based on Method 5540 C, "Standard Methods for the Examination of Water and Waste Water", APHA AWWA WEF, Edition 18, 1992
	Description
	Determination of water soluble methylene blue active substances (anionic surfactants) in soil samples by colorimetry
	W

Soil results are expressed on a dry weight basis. Where the test uses as-received sample, a moisture correction factor is applied to the wet weight result. This factor is determined gravimetrically using weight loss on drying at 30° (+/-5) C.



Jane Seymour
ALcontrol Hawarden
Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Chester
CH5 3US

11 September 2006

TEST REPORT

Our Report Number: 06-20015

Your Order Reference: 12992

2 water samples submitted for analysis on 24/08/2006

Project Code: 14090

Laboratory analysis started on 24/08/2006

All laboratory analysis completed by 11 September 2006

Rexona Rahman
Analytical Reporting Manager
ALCONTROL TECHNICHEM

Rhys Ashton
Principal Chemist
ALCONTROL TECHNICHEM

Test methods are documented in house procedures or where appropriate standard methods. A summary of these methods are included within the report. All samples connected with this report, including any 'on hold', will be stored and disposed of according to company policy. A copy of this policy is available on request.

ALcontrol Technichem Table Of Results

Matrix : Water

Project Code: 14090

Client : Alcontrol Laboratories

[illegible]

^I ISO 17025 accredited.

^M MCERTS accredited for sand, loam and clay.

ALcontrol Technichem
Table Of Results - Appendix

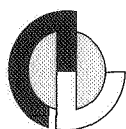
Job Number : 06-20015

Project Code: 14090

Client : Alcontrol Laboratories

Summary of methods contained within report :

Method No.		Reference	Description	Wet/Dry Analysis
SMEW		In-house method based on Method 5540 C, "Standard Methods for the Examination of Water and Waste Water", APHA AWWA WEF, Edition 18, 1992	Determination of methylene blue active substances (anionic surfactants) in aqueous samples by colorimetry	



Jane Seymour
ALcontrol Hawarden
Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Chester
CH5 3US

31 August 2006

TEST REPORT

Our Report Number: 06-19837

Your Order Reference: 12971

1 water sample submitted for analysis on 22/08/2006

Project Code: 14090

Laboratory analysis started on 22/08/2006

All laboratory analysis completed by 31 August 2006

Rexona Rahman
Analytical Reporting Manager
ALCONTROL TECHNICHEM

Rhys Ashton
Principal Chemist
ALCONTROL TECHNICHEM

Test methods are documented in house procedures or where appropriate standard methods. A summary of these methods are included within the report. All samples connected with this report, including any 'on hold', will be stored and disposed of according to company policy. A copy of this policy is available on request.

ALcontrol Technichem Table Of Results

Matrix : Water

Project Code: 14090

Client : Alcontrol Laboratories

[illegible]

^I ISO 17025 accredited.

^M MCERTS accredited for sand, loam and clay.

ALcontrol Technichem

Table Of Results - Appendix

Job Number : 06-19837

Project Code: 14090

Client : Alcontrol Laboratories

Summary of methods contained within report :

Method No.		Reference	Description	Wet/Dry Analysis
SMEW		In-house method based on Method 5540 C, "Standard Methods for the Examination of Water and Waste Water", APHA AWWA WEF, Edition 18, 1992	Determination of methylene blue active substances (anionic surfactants) in aqueous samples by colorimetry	

GEOTRACE - ANALYSIS REQUEST FORM AND SAMPLE CUSTODY SHEET

Alcontrol Laboratories Units 7-8 Hawarden Business Park, Manor Road (off Manor Lane), Hawarden, Deeside, Flintshire CH5 3US. email chester.schedulers@alcontrol.co.uk Tel: 01244 528 700 Fax: 01244 528 701		Client: URS Manchester Address: M16 5 Oxford Street Tel: 01244 528 700 Project/Site Name/Code: Reddish Interchange Plots Email: A & B Contact Name: Andrew Doot		Date Samples Despatched: 17/10/16 Sampler: A. Doot Quotation - yes/no Quotation Reference: Job Continuation - yes/no Continuation of ALcontrol job: Only one project per sheet please		Sheet of	
Date of Sampling	Sample Ref. ID	Depth in metres	Sample Preservation Y/N	Suite Name/Analysis Required	Turnaround - please tick	Report Format - please tick	
18/10/16	WS 554 (B)	0.7-0.8		(S)oil or (W)ater (specify if other) MSAS Phosphate (pphm) PH Nitrate Nitrogen TPH CWC TPH (EHT) TRL VOCs SVOCs (locatable) SVOCs (locatable) SVOCs (locatable) SVOCs (locatable) SVOCs (locatable)	Note - day of sample receipt is day zero 10 day turnaround ☒ 5 day turnaround ☐ 4 day turnaround ☐ 3 day turnaround ☐ Other (please specify) _____ or _____ Date required by: _____	Standard ☒ SSPH ☐ AGS ☐ Equis ☐ Other (please specify) MC&NTS Cross Tab	
	WS 554 (B)	"					
	WS 554 (A)						
	WS 554 (A)						
	WS 554 (A)						
	WS 555 (B)	2.1-2.2					
	WS 555 (B)	"					
	WS 555 (B)	"					
	WS 553 (B)	1.5-1.6					
	WS 553 (B)	"					
	WS 553 (B)	"					
	WS 551 (B)	0.5-0.6					
	WS 551 (B)	"					
	WS 552 (B)	1.5-1.6					
	WS 552 (B)	1.5-1.6					
	WS 552 (B)	1.5-1.6					

	ABC	BLANK
EPH		
PAH		

PREPARATION OF SAMPLES BY SOLVENT EXTRACTION

JOB NUMBER: 14090

Date Due: 25/8/06

BALANCE: Number.

Solvent: DCM + Et₃N.

⑨

[illegible]

Extracted: 23/8/06

Analyst.....

Transferred:.....23-8-6.....

Analyst.....

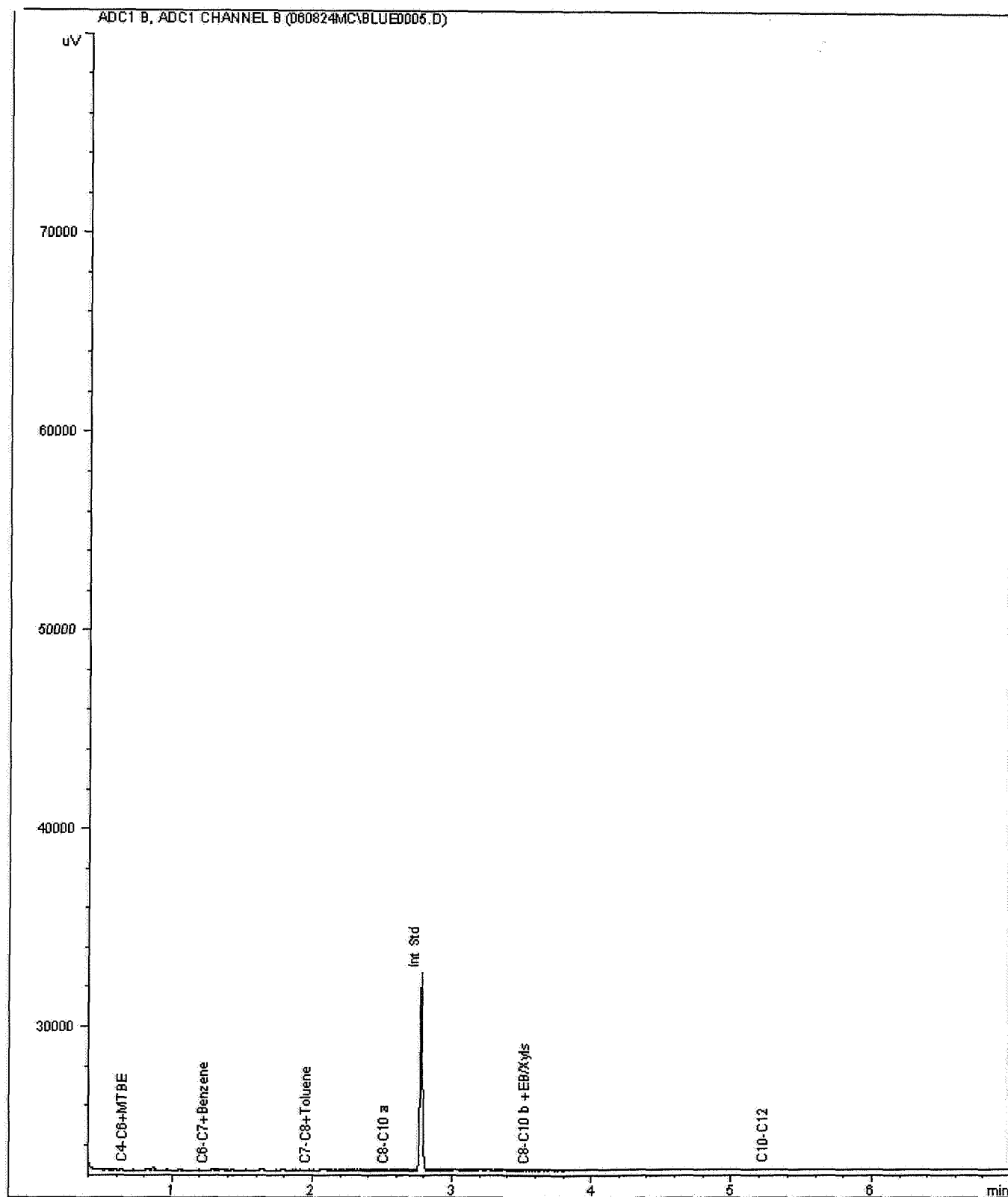
Chromatography.....

Analyst.....

Delivered to Lab:.....

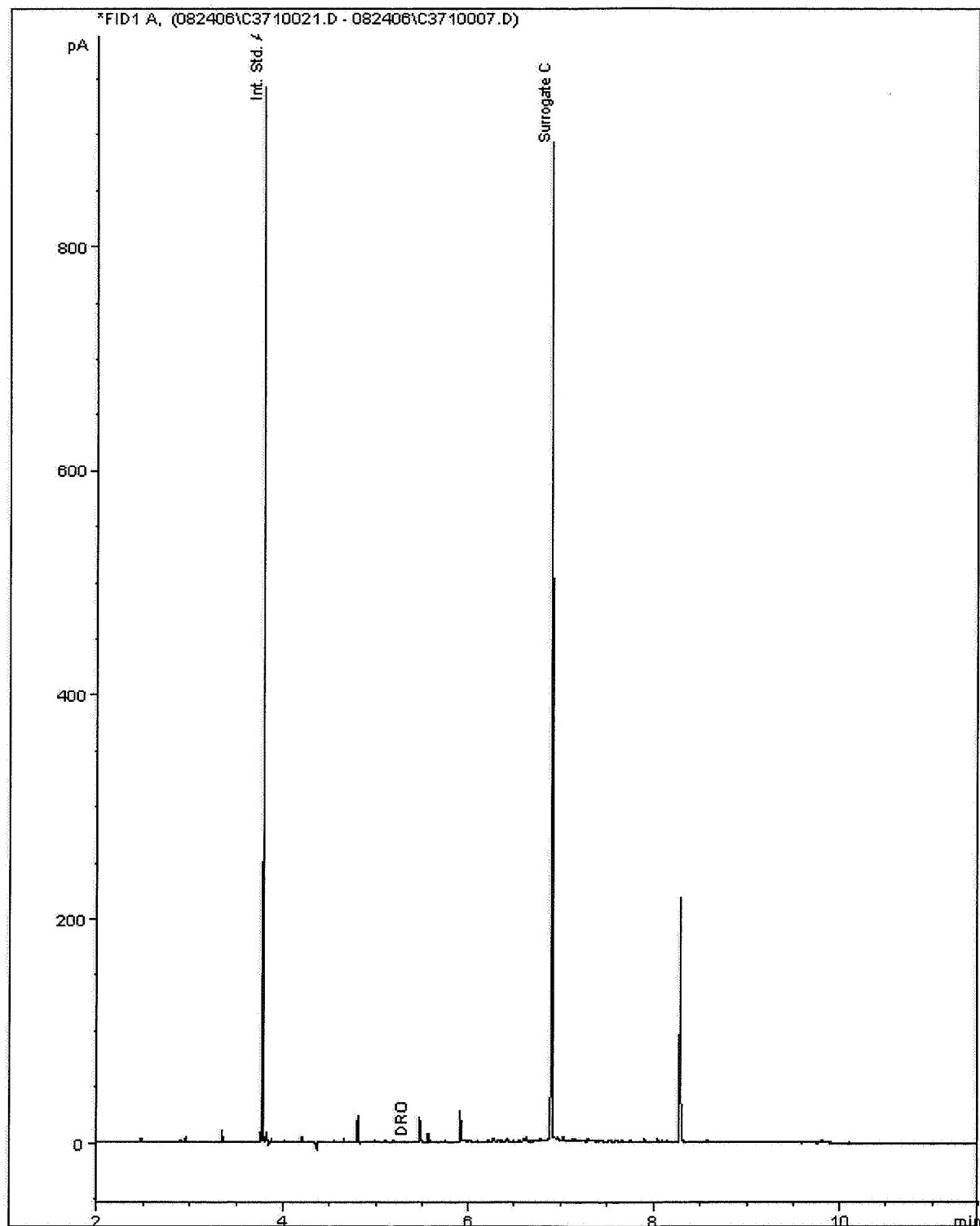
Alcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : 200614090-3/s
Date Acquired : 24/08/06
Units : ppb
Dilution : 1



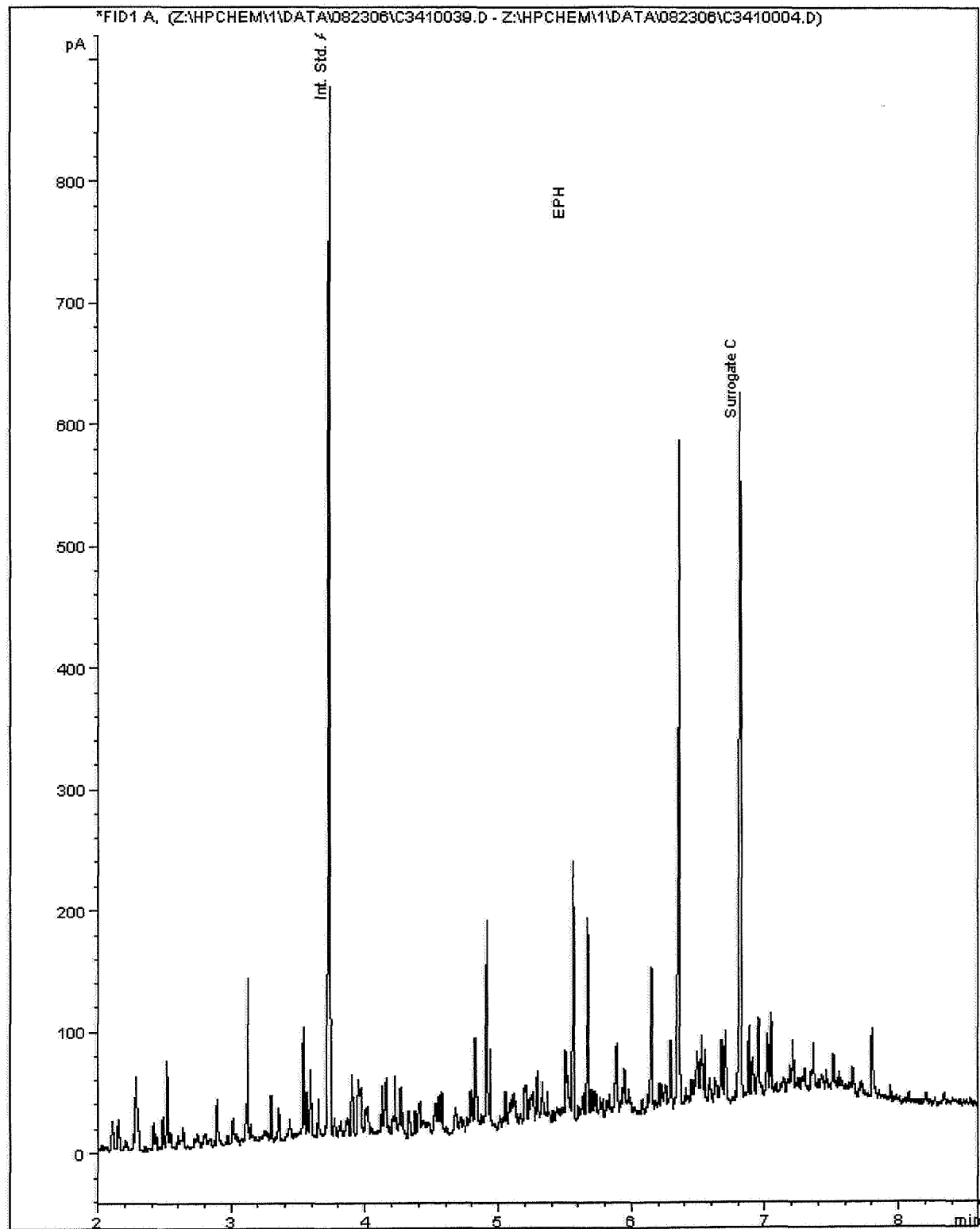
Alcontrol/Geochem Analytical Services
EPH Range Organics (C10 - C40)

Sample Identity: 200614090-4/N
Date Acquired : 24/08/06 23:16:09
Units : mg/l
Sample Volume: 300 ml's
Dilution:



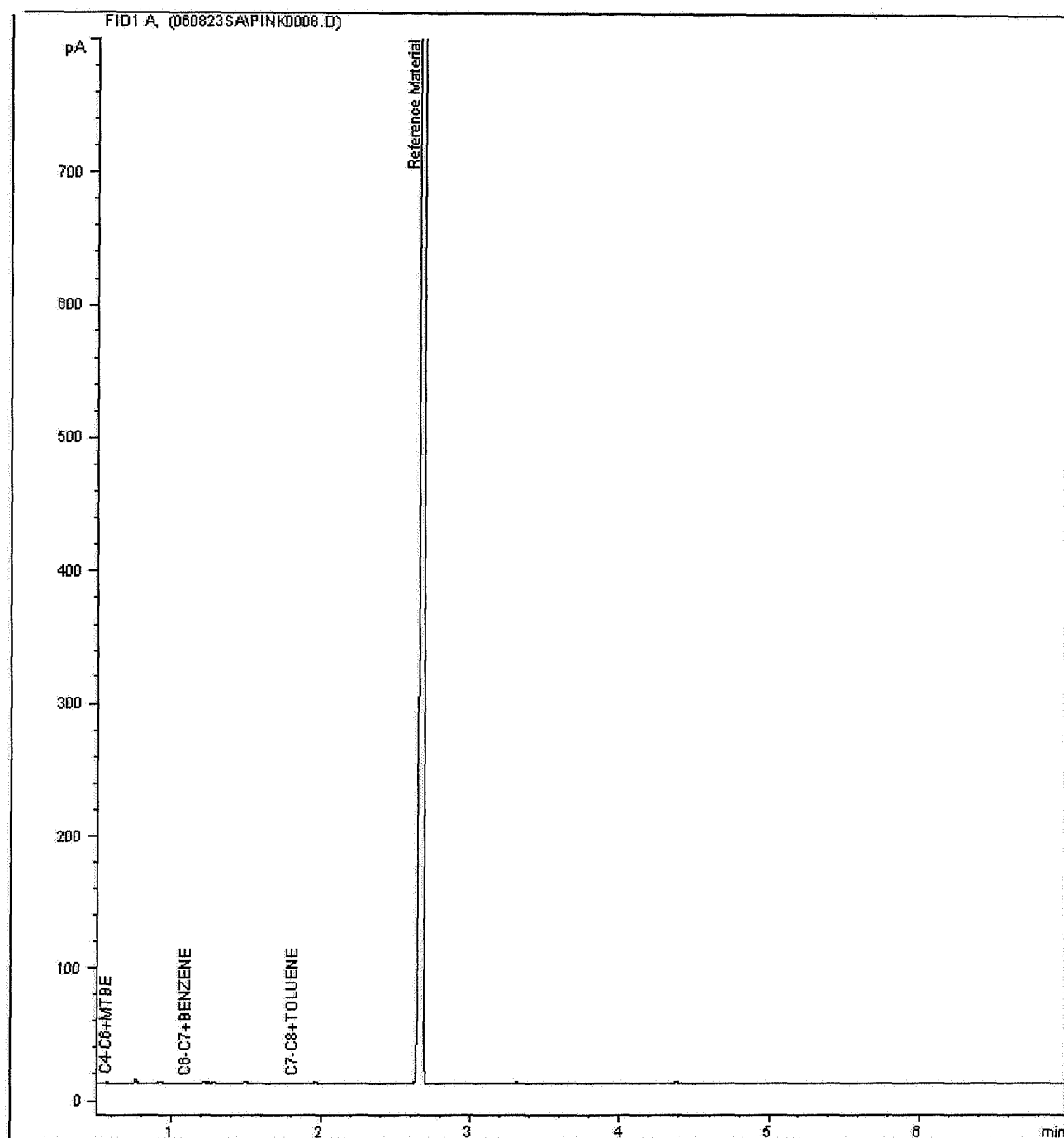
Alcontrol/Geochem Analytical Services
EPH Range Organics (C10 - C40)

Sample Identity : 200614090-4/S
Date Acquired : 24/08/06 07:41:20 PM
Units : mg/kg
Sample Multiplier : 1.000
Dilution :



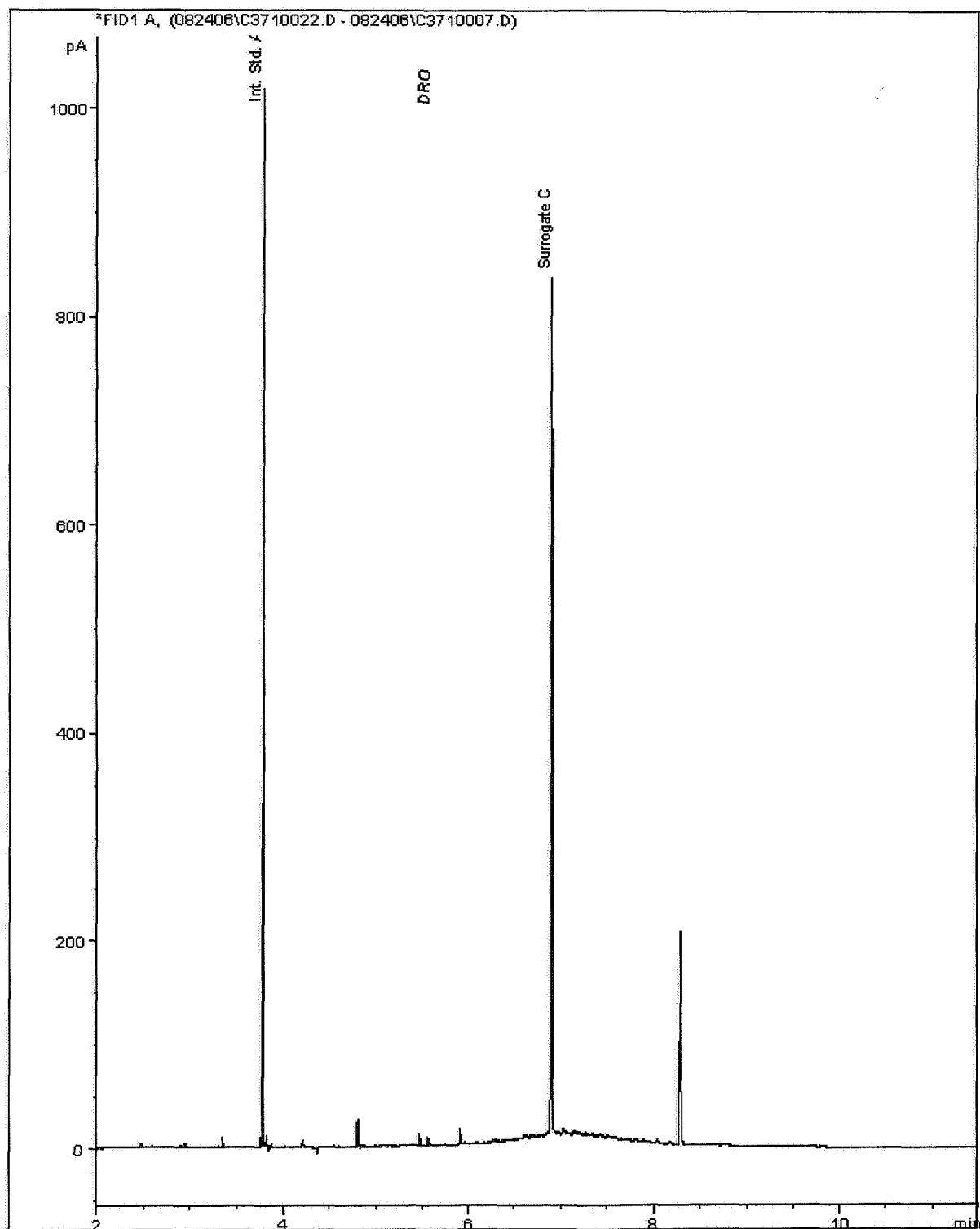
ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : 200614090-4/N
Date Acquired : 23/08/06 16:57:32 PM
Units : ppb
Dilution : 1



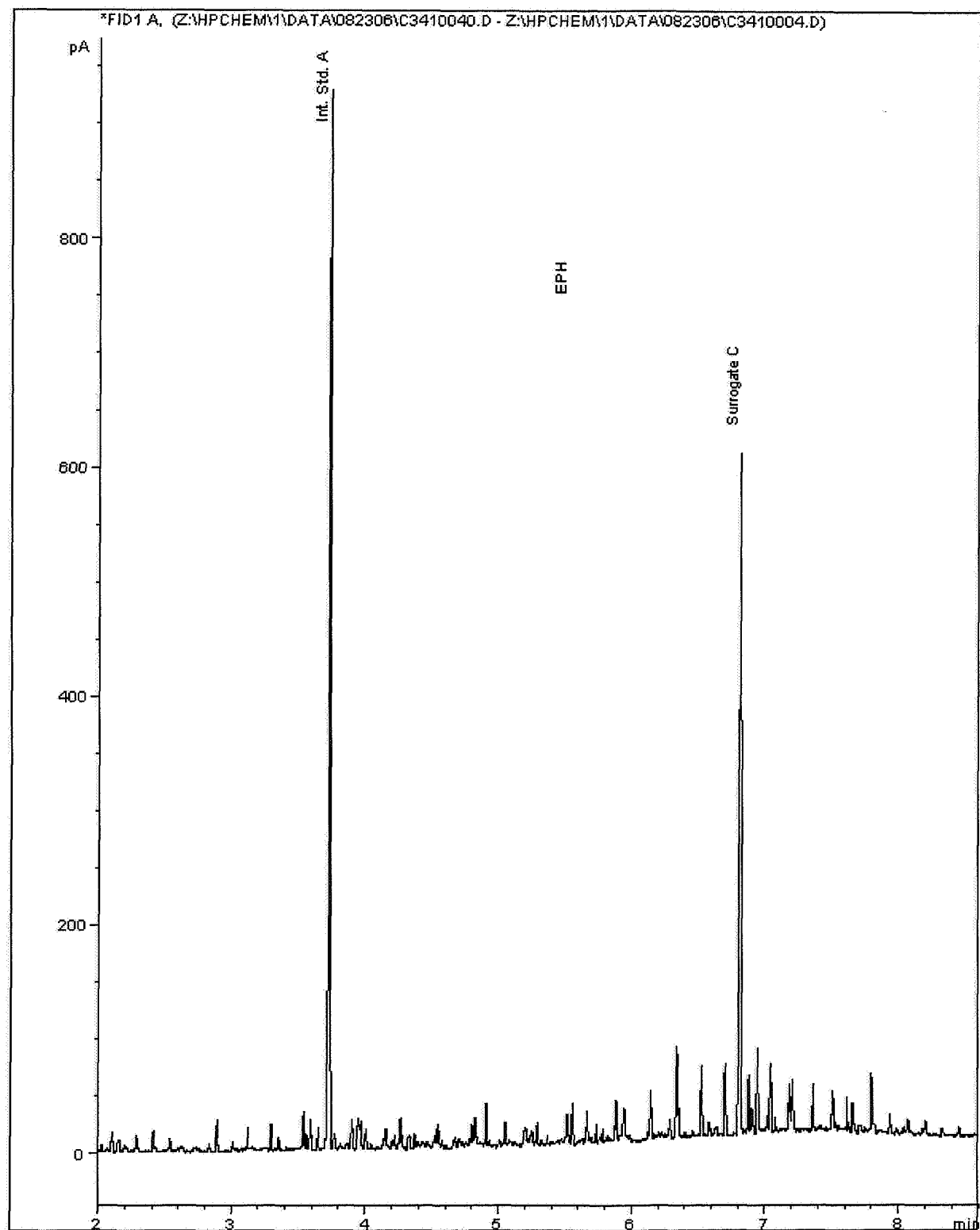
Alcontrol/Geochem Analytical Services
EPH Range Organics (C10 - C40)

Sample Identity: 200614090-6/N
Date Acquired : 24/08/06 23:38:46
Units : mg/l
Sample Volume: 300 ml's
Dilution:



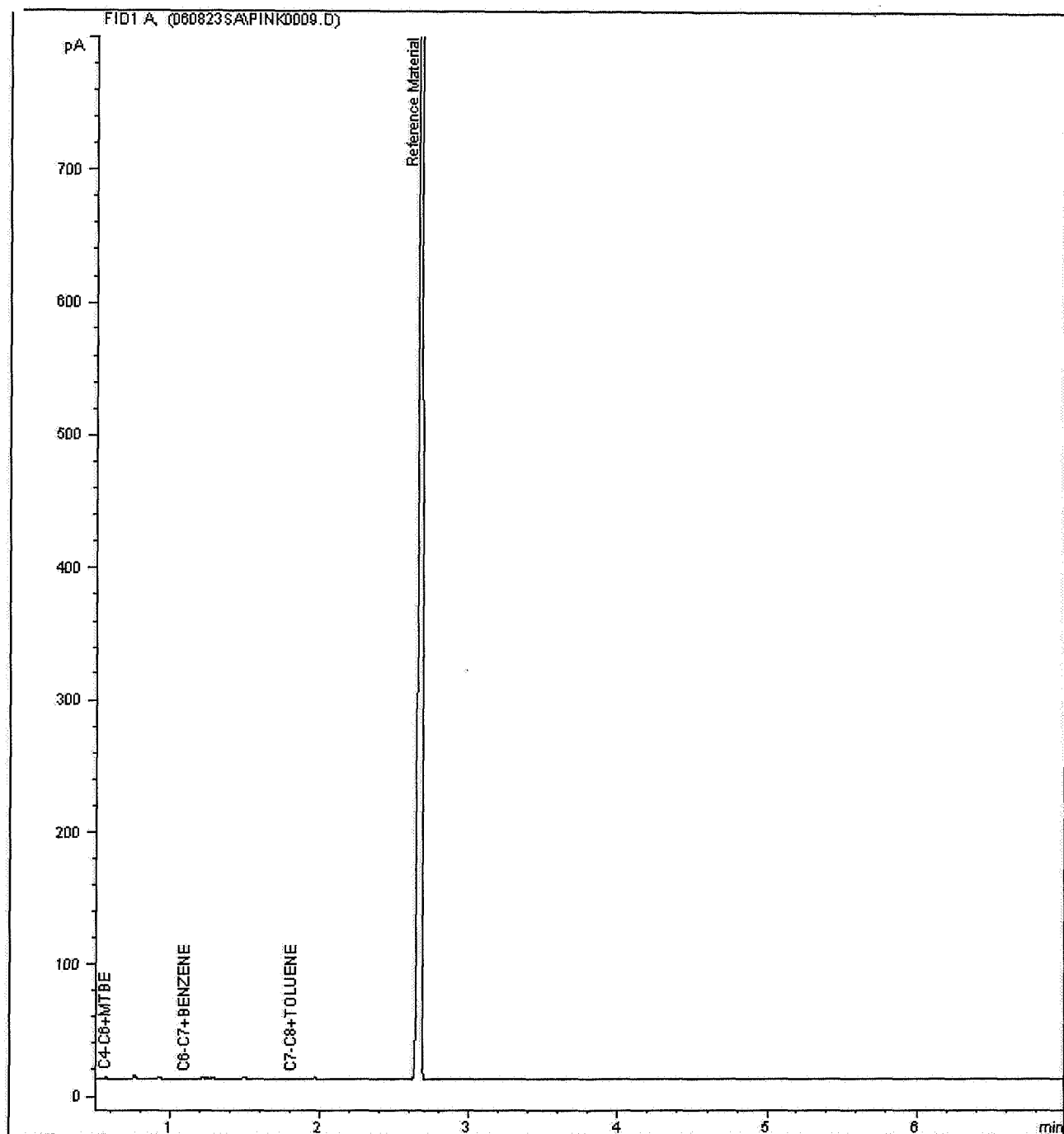
Alcontrol/Geochem Analytical Services
EPH Range Organics (C10 - C40)

Sample Identity : 200614090-6/S
Date Acquired : 24/08/06 08:03:28 PM
Units : mg/kg
Sample Multiplier : 1.001
Dilution :



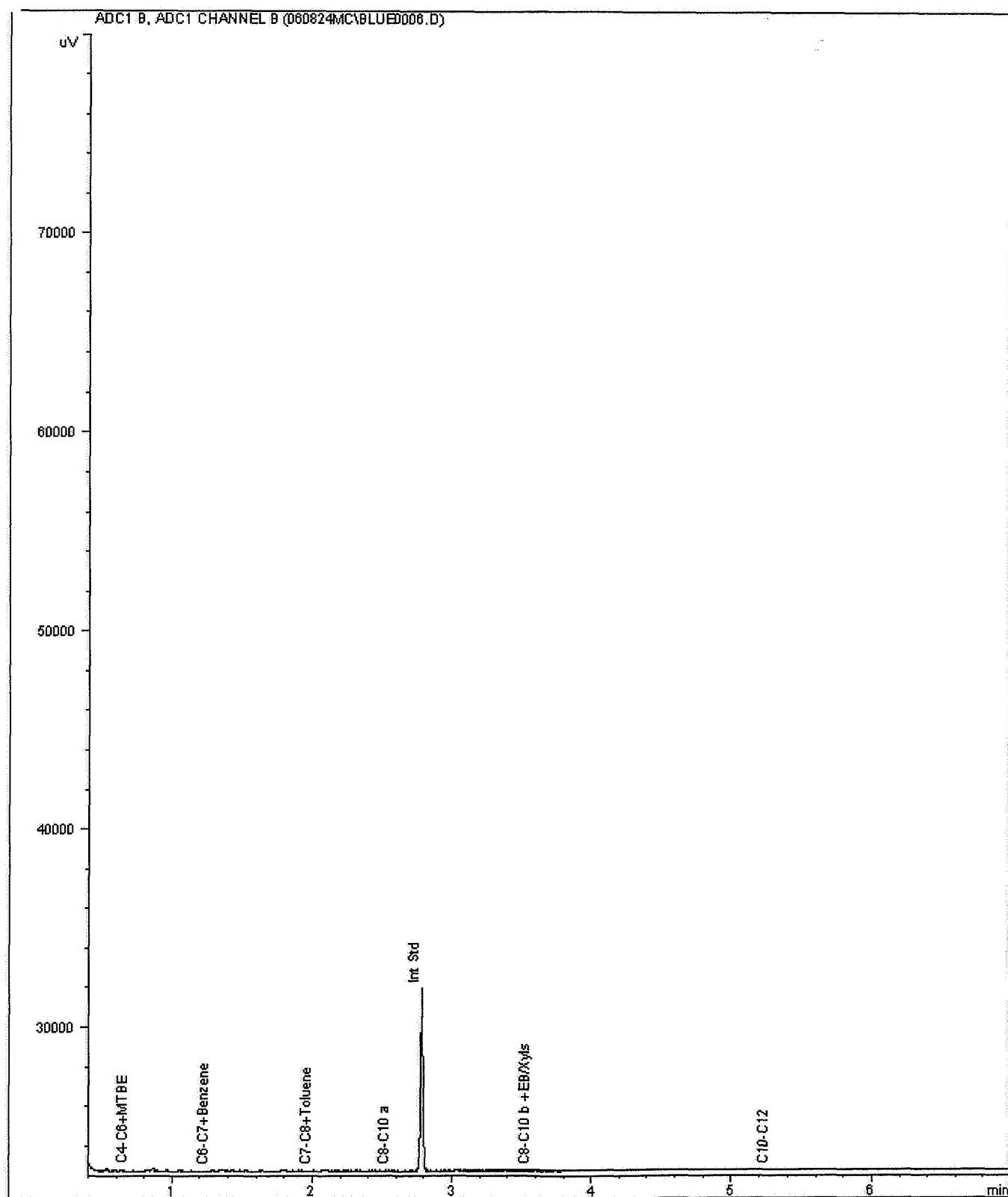
Alcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : 200614090-6/N
Date Acquired : 23/08/06 17:12:11 PM
Units : ppb
Dilution : 1



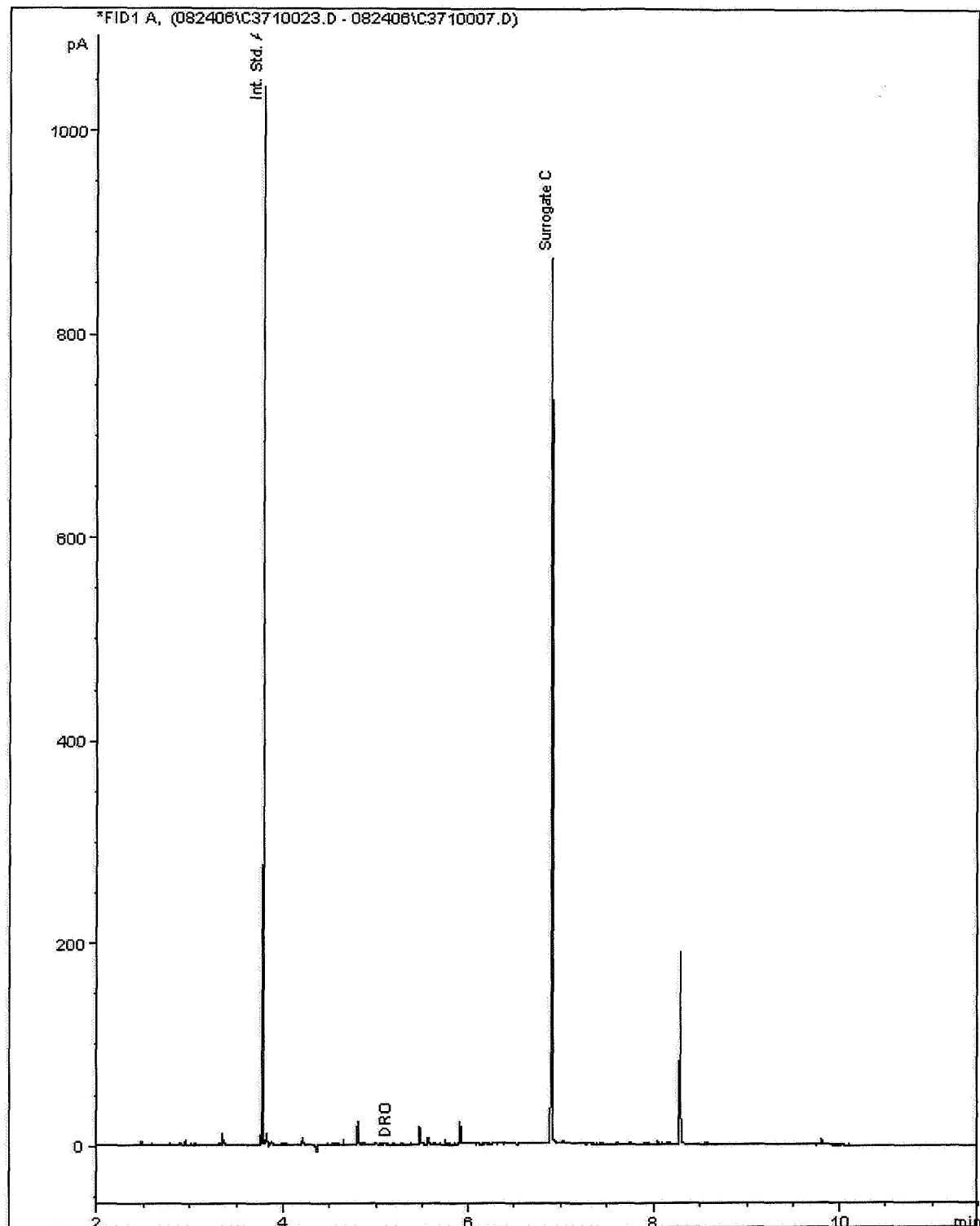
Alcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : 200614090-8/s
Date Acquired : 24/08/06
Units : ppb
Dilution : 1



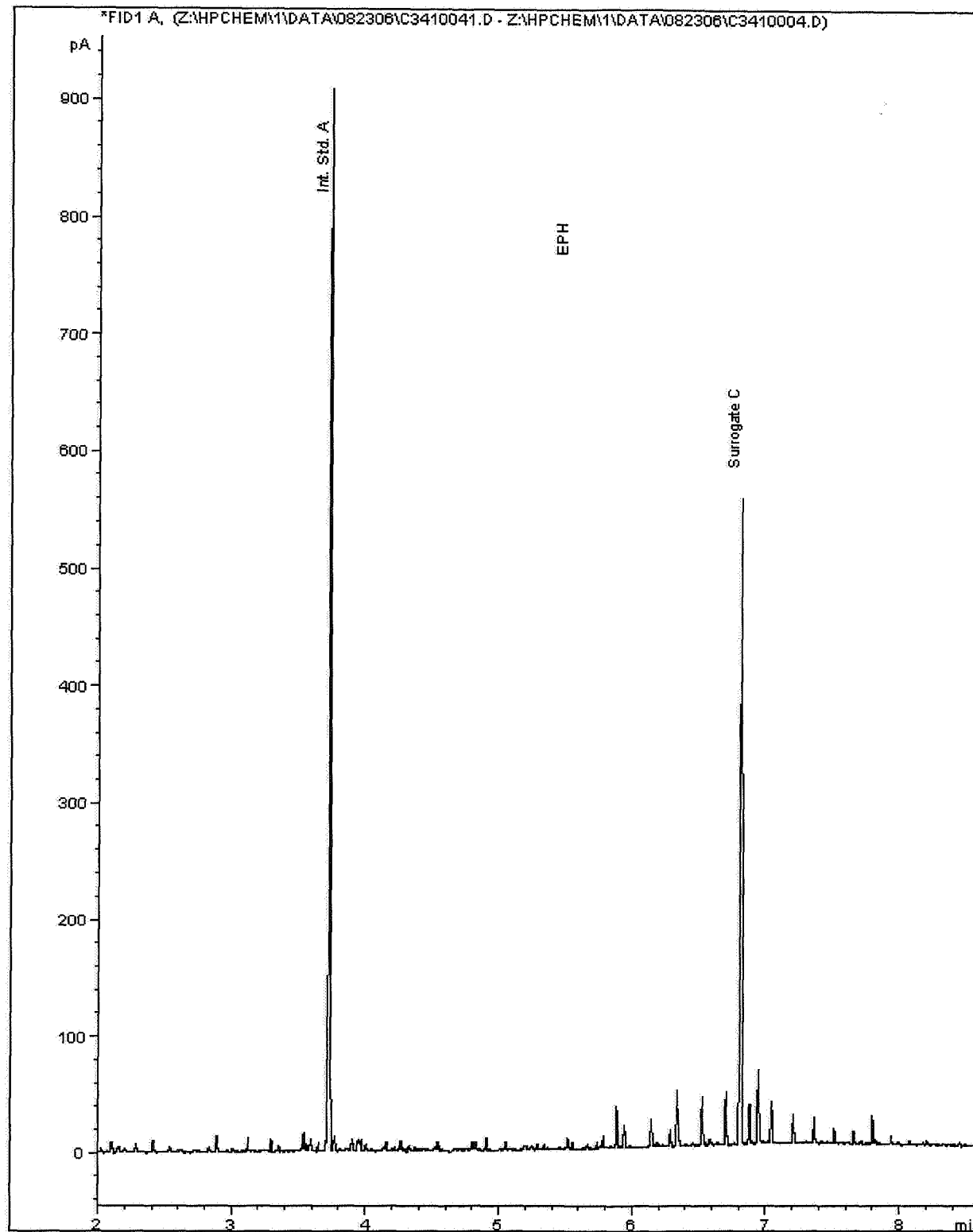
Alcontrol/Geochem Analytical Services
EPH Range Organics (C10 - C40)

Sample Identity: 200614090-11/N
Date Acquired : 25/08/06 00:01:05
Units : mg/l
Sample Volume: 300 ml's
Dilution:



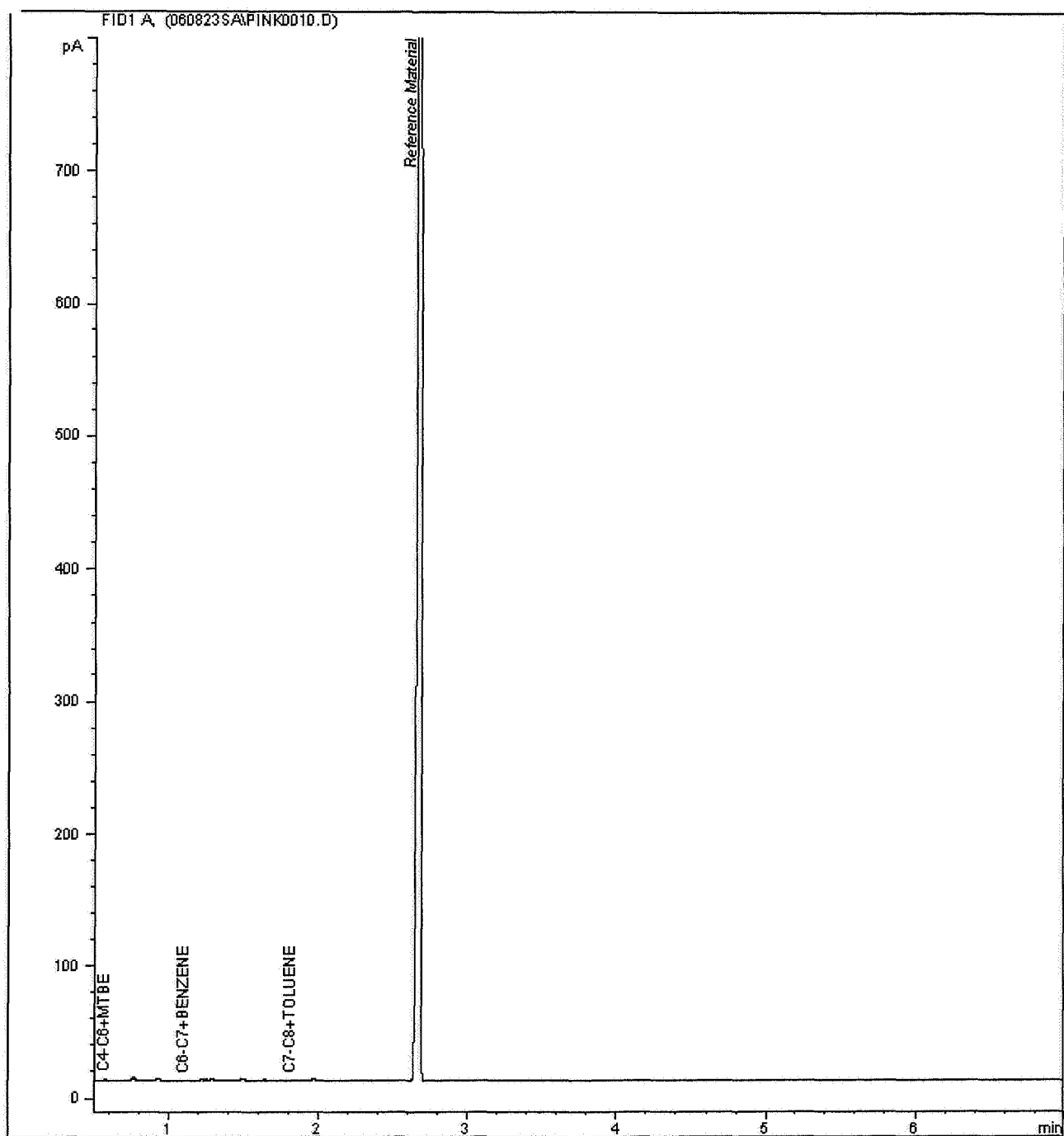
Alcontrol/Geochem Analytical Services
EPH Range Organics (C10 - C40)

Sample Identity : 200614090-11/S
Date Acquired : 24/08/06 08:25:03 PM
Units : mg/kg
Sample Multiplier : 0.996
Dilution :



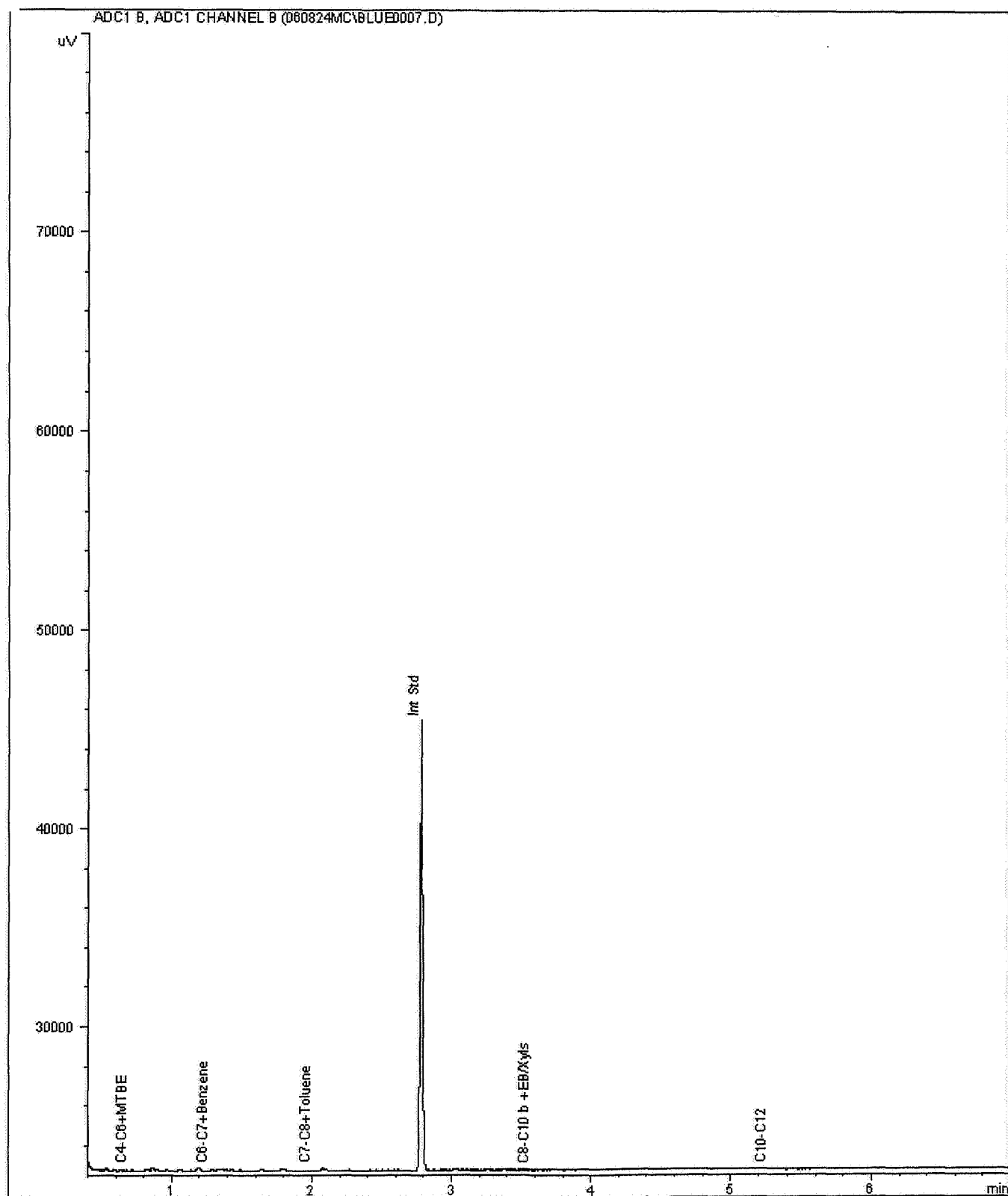
Alcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : 200614090-11/N
Date Acquired : 23/08/06 17:26:52 PM
Units : ppb
Dilution : 1



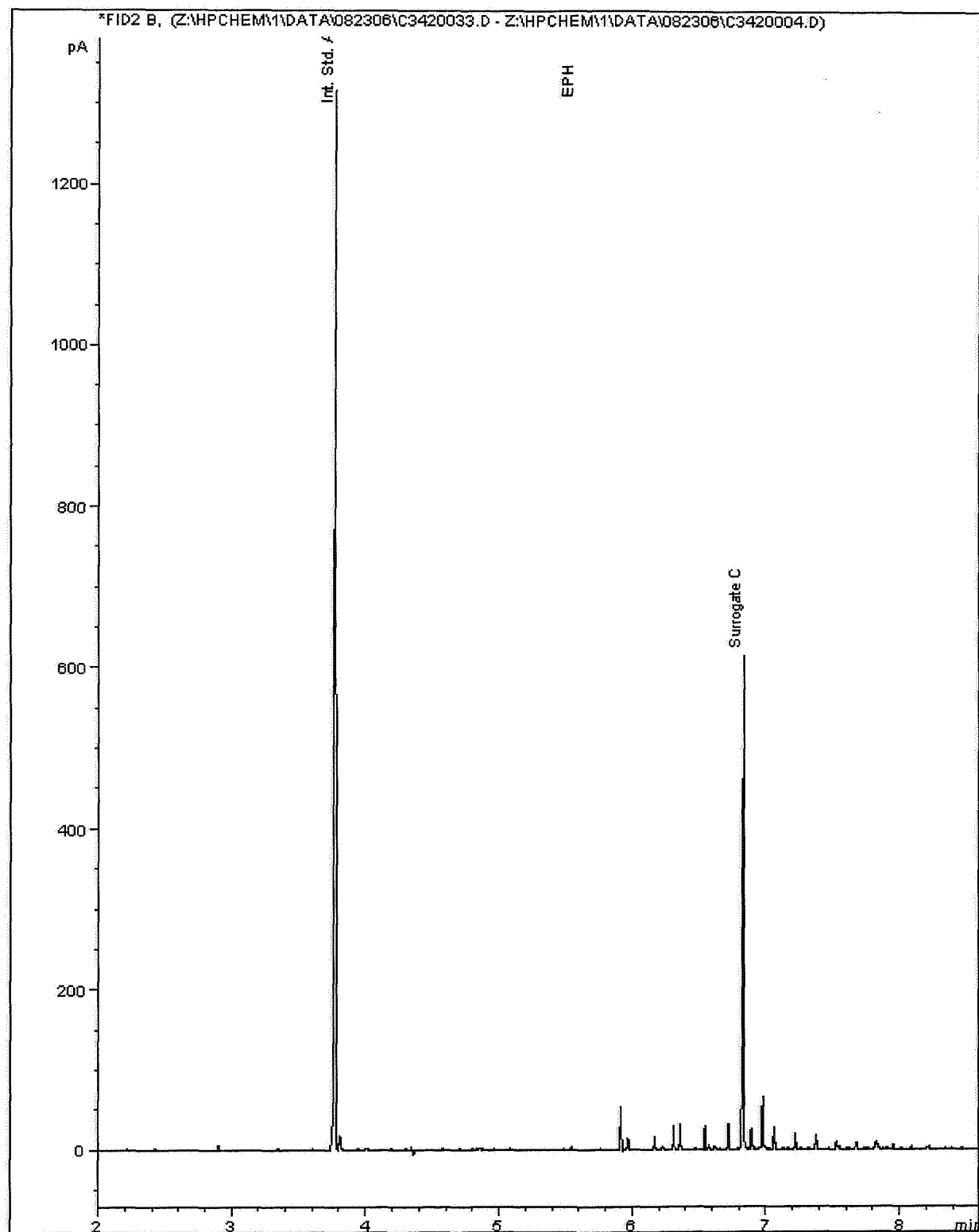
Alcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : 200614090-12/s
Date Acquired : 24/08/06
Units : ppb
Dilution : 1



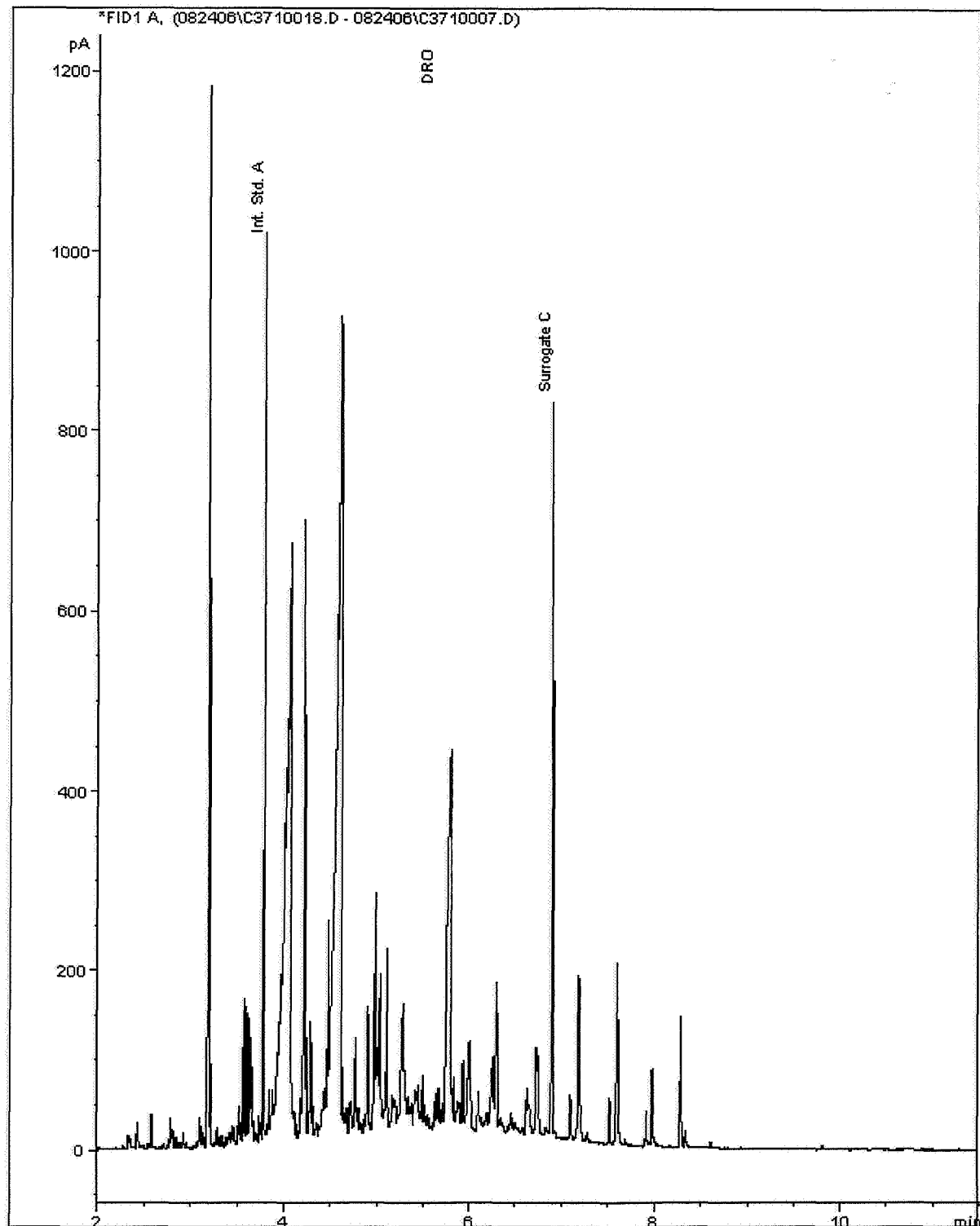
Alcontrol/Geochem Analytical Services
EPH Range Organics (C10 - C40)

Sample Identity : 200614090-19/S
Date Acquired : 24/08/06 05:29:32 PM
Units : mg/kg
Sample Multiplier : 0.995
Dilution :



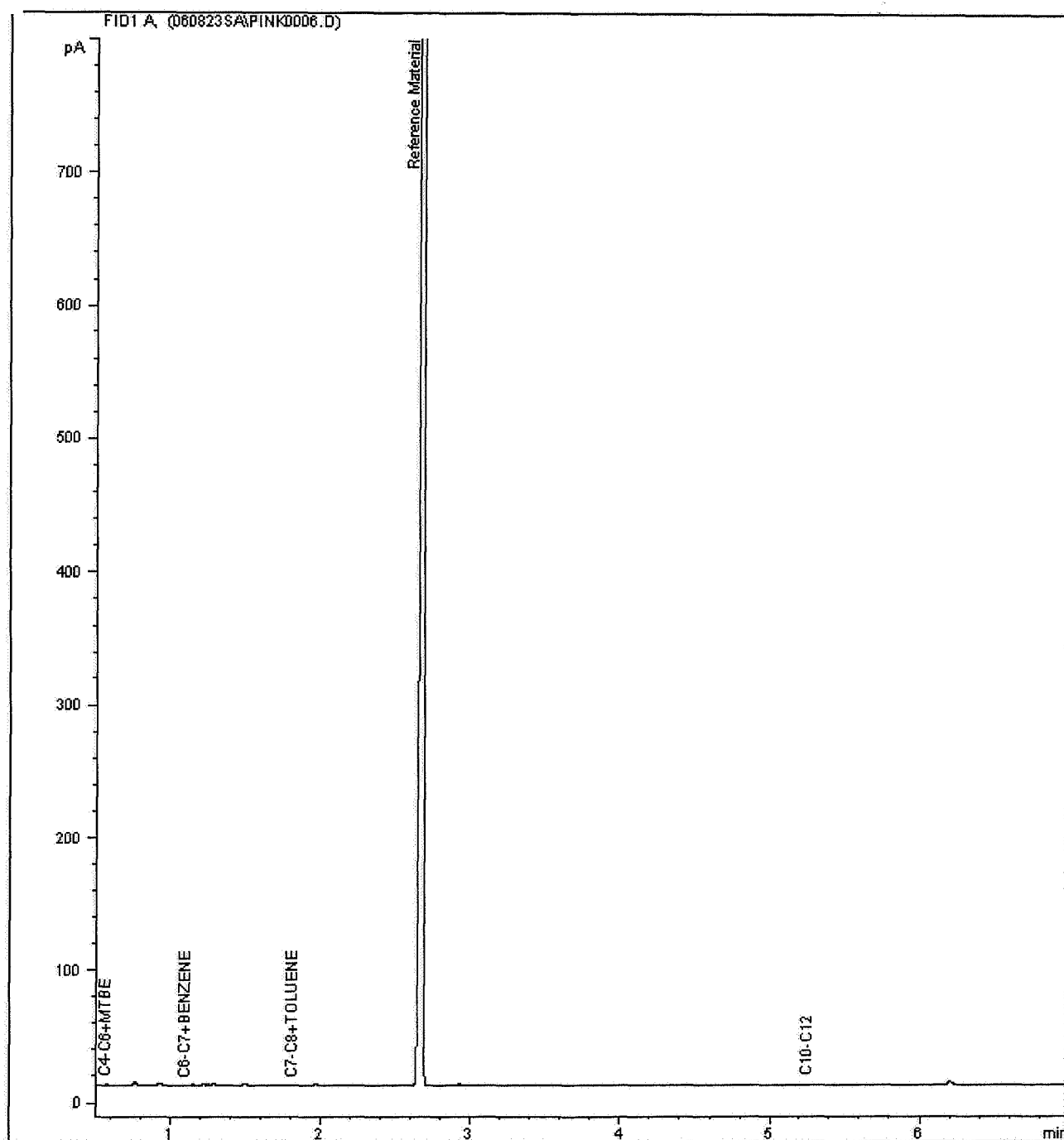
Alcontrol/Geochem Analytical Services
EPH Range Organics (C10 - C40)

Sample Identity: 200614090-21/N
Date Acquired : 24/08/06 22:08:43
Units : mg/l
Sample Volume: 300 ml's
Dilution:



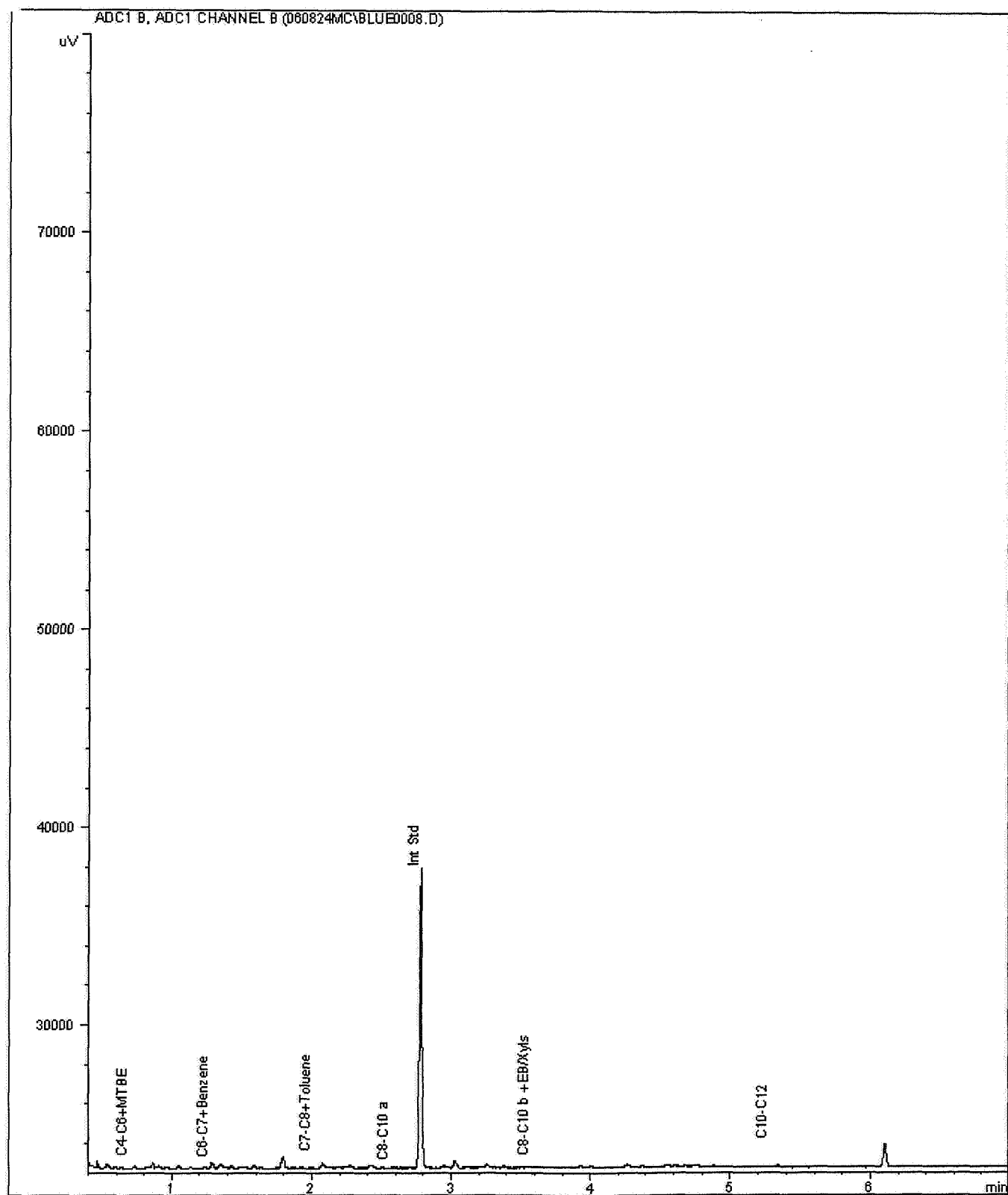
Alcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : 200614090-21/N
Date Acquired : 23/08/06 16:28:15 PM
Units : ppb
Dilution : 1



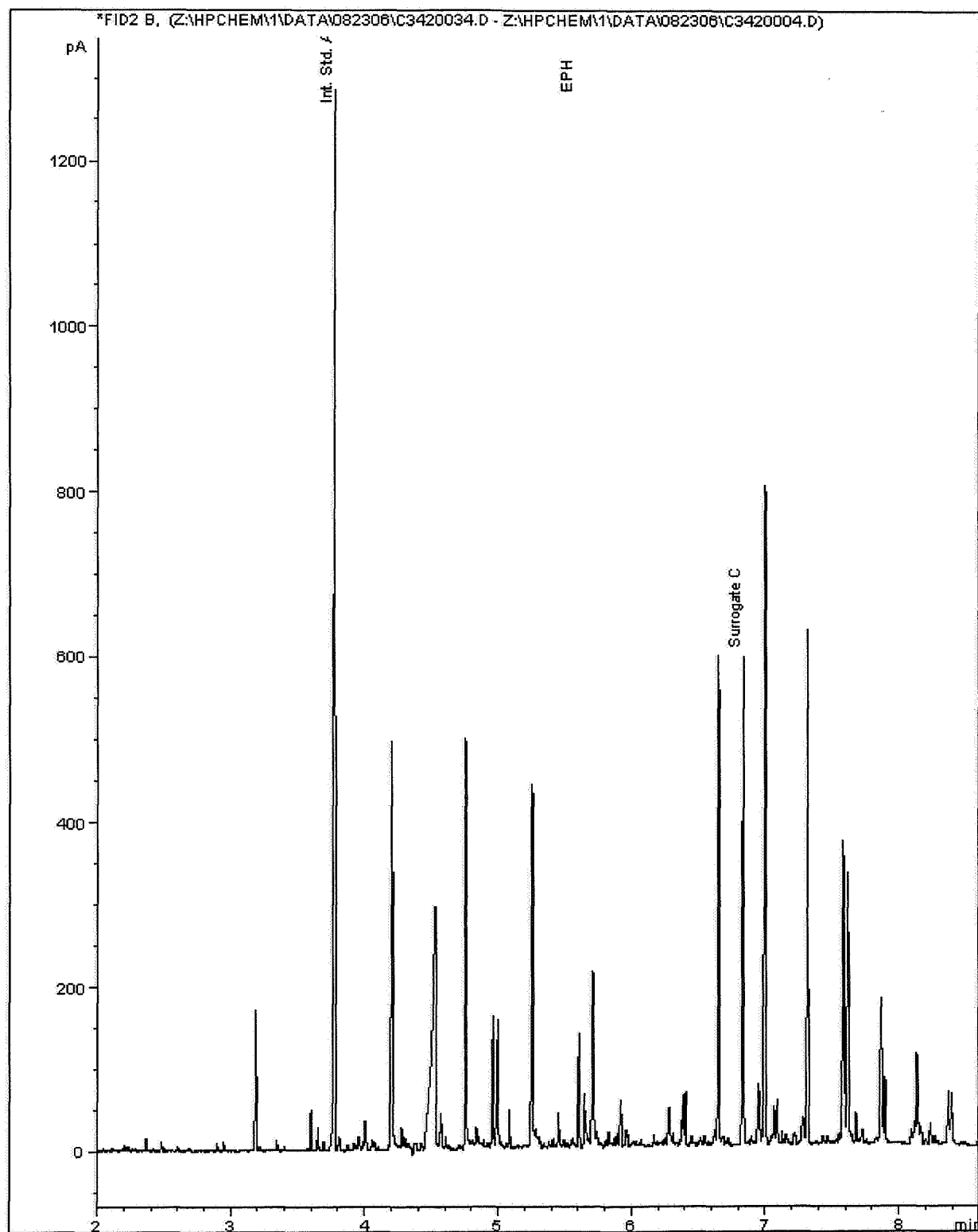
ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : 200614090-22/s
Date Acquired : 24/08/06
Units : ppb
Dilution : 1



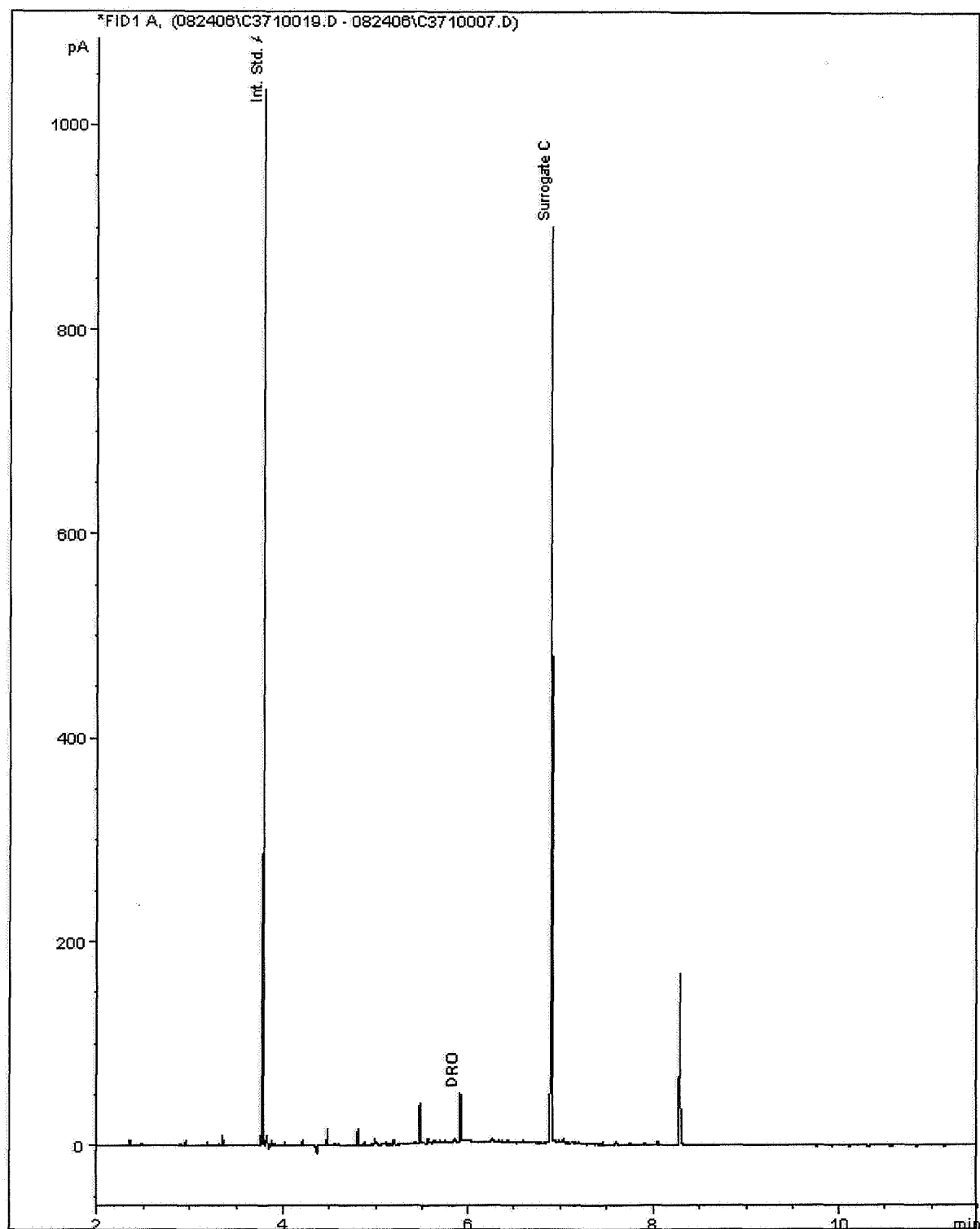
Alcontrol/Geochem Analytical Services
EPH Range Organics (C10 - C40)

Sample Identity : 200614090-27/S
Date Acquired : 24/08/06 05:51:39 PM
Units : mg/kg
Sample Multiplier : 1.005
Dilution :



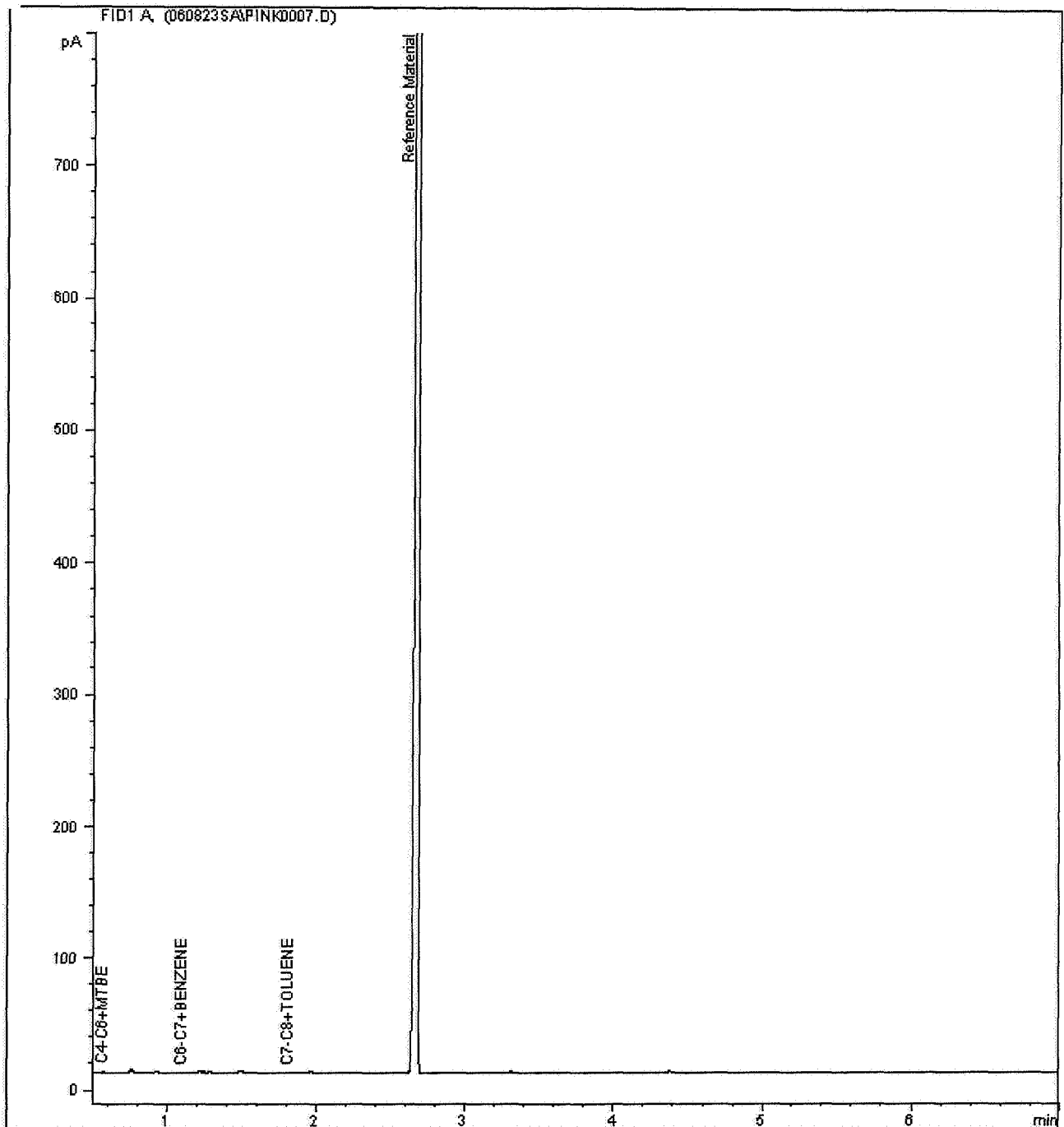
Alcontrol/Geochem Analytical Services
EPH Range Organics (C10 - C40)

Sample Identity: 200614090-29/N
Date Acquired : 24/08/06 22:31:19
Units : mg/l
Sample Volume: 250 ml's
Dilution:



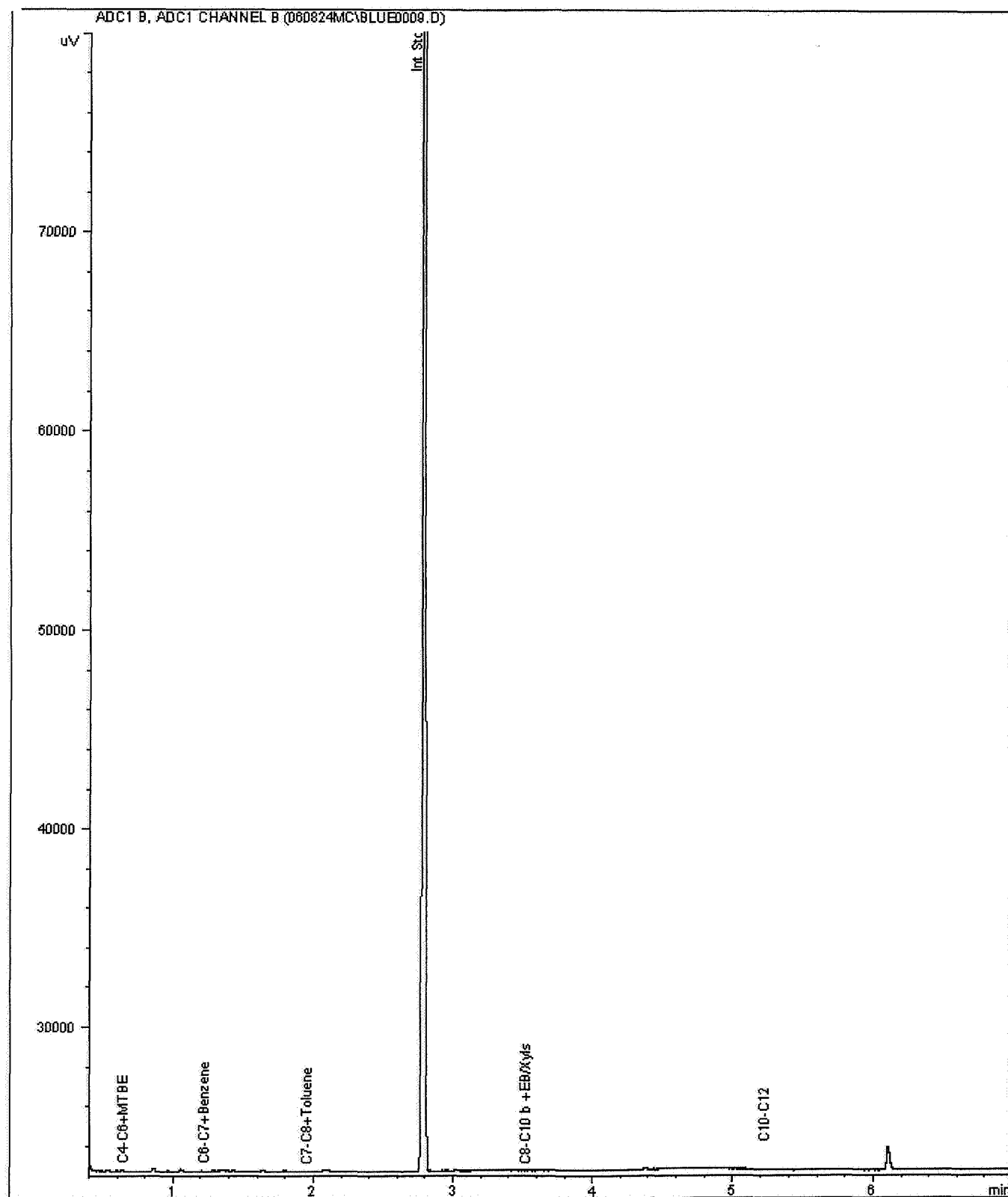
ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : 200614090-29/N
Date Acquired : 23/08/06 16:42:52 PM
Units : ppb
Dilution : 1



ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : 200614090-31/s
Date Acquired : 24/08/06
Units : ppb
Dilution : 1



Data Path : D:\MSDCHEM\DATA\082106\
 Data File : VOC087.D
 Acq On : 22 Aug 2006 10:38
 Operator :
 Sample : 200614090-003
 Misc : /soil
 ALS Vial : 87 Sample Multiplier: 2

Quant Time: Aug 22 12:42:48 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Tue Aug 22 09:47:53 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (M
in)						

1) Pentafluorobenzene	1.93	168	7363744	1000.00	ppb	
0.00						
24) 1,4-Difluorobenzene	2.17	114	3330730	1000.00	ppb	
0.00						
38) Chlorobenzene-d5	3.21	117	561054	1000.00	ppb	
0.00						
61) 1,4-Dichlorobenzene-d4	4.15	150	172654	1000.00	ppb	
0.00						
System Monitoring Compounds						
18) Dibromofluoromethane	1.95	111	947971	911.24	ppb	0
.00						
30) Toluene-d8	2.67	98	1736569	589.38	ppb	0
.00						
47) 4-Bromofluorobenzene	3.66	95	100250	576.09	ppb	0
.00						
Target Compounds						Qval
ue						
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.	d	
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	94	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Carbon Disulphide	0.00	76	0	N.D.	d	
10) Dichloromethane	0.00	84	0	N.D.		
11) Tert-butyl methyl ether	0.00	73	0	N.D.		
12) Trans-1,2-Dichloroethene	0.00	96	0	N.D.		
13) 1,1-Dichloroethane	0.00	63	0	N.D.		
14) Cis-1,2-Dichloroethene	0.00	96	0	N.D.		
15) 2,2-Dichloropropane	0.00	77	0	N.D.		
16) Bromochloromethane	0.00	128	0	N.D.		
17) Chloroform	0.00	83	0	N.D.		
19) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
20) 1,1-Dichloropropene	0.00	75	0	N.D.		
21) Carbontetrachloride	0.00	117	0	N.D.		
22) 1,2-Dichloroethane	0.00	62	0	N.D.		

Data Path : D:\MSDCHEM\DATA\082106\
 Data File : VOC087.D
 Acq On : 22 Aug 2006 10:38
 Operator :
 Sample : 200614090-003
 Misc : /soil
 ALS Vial : 87 Sample Multiplier: 2

Quant Time: Aug 22 12:42:48 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Tue Aug 22 09:47:53 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (M in)

23) Benzene	0.00	78	0	N.D.	d	
25) Trichloroethene	0.00	95	0	N.D.		
26) 1,2-Dichloropropane	0.00	63	0	N.D.		
27) Dibromomethane	0.00	93	0	N.D.		
28) Bromodichloromethane	0.00	83	0	N.D.		
29) Cis-1,3-Dichloropropene	0.00	75	0	N.D.		
31) Toluene	2.69	91	84416m	46.22	ppb	
32) Trans-1,3-Dichloropropene	0.00	75	0	N.D.		
33) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
34) 1,3-Dichloropropane	0.00	76	0	N.D.		
35) Tetrachloroethene	0.00	166	0	N.D.		
36) Dibromochloromethane	0.00	129	0	N.D.		
37) 1,2-Dibromoethane	0.00	107	0	N.D.		
39) Chlorobenzene	0.00	112	0	N.D.		
40) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
41) Ethylbenzene	3.25	91	10158	17.99	ppb	#
42) p/m-Xylene	3.29	106	25783	100.47	ppb	#
43) o-Xylene	3.45	106	6340	30.00	ppb	
44) Styrene	0.00	104	0	N.D.		
45) Bromoform	0.00	173	0	N.D.		
46) Isopropylbenzene	0.00	105	0	N.D.		
48) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
49) 1,2,3-Trichloropropane	0.00	110	0	N.D.		
50) Bromobenzene	0.00	156	0	N.D.		
51) Propylbenzene	0.00	91	0	N.D.		
52) 2-Chlorotoluene	0.00	91	0	N.D.		
53) 1,3,5-Trimethylbenzene	0.00	105	0	N.D.	d	
54) 4-Chlorotoluene	0.00	91	0	N.D.		
55) Tert-Butylbenzene	0.00	119	0	N.D.		
56) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.	d	
57) Sec-Butylbenzene	0.00	105	0	N.D.		
58) 4-Isopropyltoluene	0.00	119	0	N.D.		
59) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
60) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
62) n-Butylbenzene	0.00	91	0	N.D.		

Data Path : D:\MSDCHEM\DATA\082106\
Data File : VOC087.D
Acq On : 22 Aug 2006 10:38
Operator :
Sample : 200614090-003
Misc : /soil
ALS Vial : 87 Sample Multiplier: 2

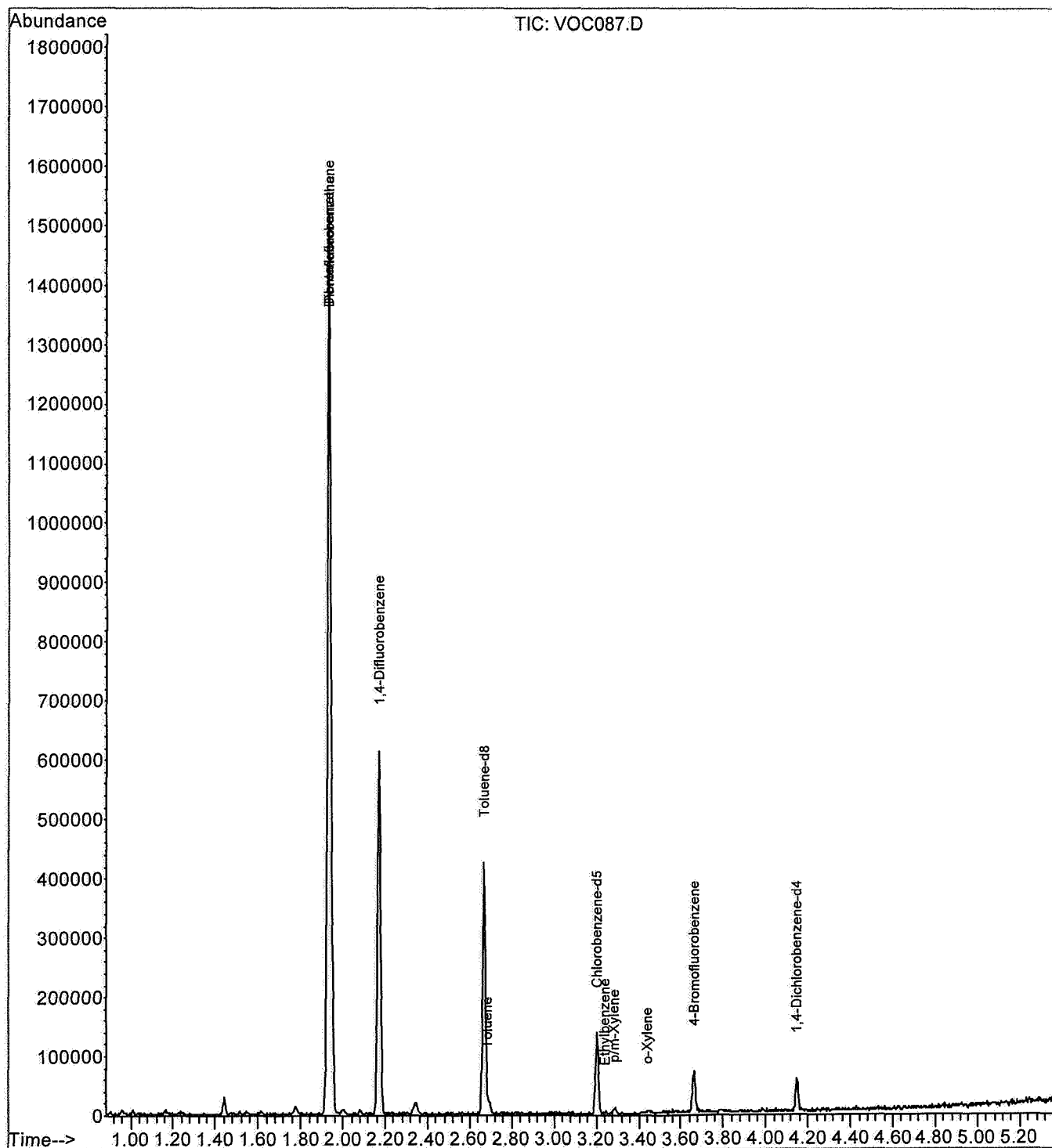
Quant Time: Aug 22 12:42:48 2006
Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
Quant Title : Volatile Organic Compounds (EPA 624/8260)
QLast Update : Tue Aug 22 09:47:53 2006
Response via : Initial Calibration
InstName : chem4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
63) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
64) 1,2-Dibromo-3-Chloropropan	0.00	157	0	N.D.		
65) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
66) Hexachlorobutadiene	0.00	225	0	N.D.		
67) Naphthalene	0.00	128	0	N.D.	d	
68) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : D:\MSDCHEM\DATA\082106\
Data File : VOC087.D
Acq On : 22 Aug 2006 10:38
Operator :
Sample : 200614090-003
Misc : /soil
ALS Vial : 87 Sample Multiplier: 2

Quant Time: Aug 22 12:42:48 2006
Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
Quant Title : Volatile Organic Compounds (EPA 624/8260)
QLast Update : Tue Aug 22 09:47:53 2006
Response via : Initial Calibration
InstName : chem4



Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082106\
 Data File : VOC088.D
 Acq On : 22 Aug 2006 10:49
 Operator :
 Sample : 200614090-008
 Misc : /soil
 ALS Vial : 88 Sample Multiplier: 2

Quant Time: Aug 22 12:44:52 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Tue Aug 22 09:47:53 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (M
in)						

1) Pentafluorobenzene	1.93	168	6305535	1000.00	ppb	
0.00						
24) 1,4-Difluorobenzene	2.17	114	2431334	1000.00	ppb	
0.00						
38) Chlorobenzene-d5	3.20	117	393461	1000.00	ppb	
0.00						
61) 1,4-Dichlorobenzene-d4	4.15	150	77019	1000.00	ppb	
0.00						
System Monitoring Compounds						
18) Dibromofluoromethane	1.95	111	712863	800.24	ppb	0
.00						
30) Toluene-d8	2.67	98	1427209	663.57	ppb	0
.00						
47) 4-Bromofluorobenzene	3.66	95	69607m	570.38	ppb	0
.00						
Target Compounds						Qval
ue						
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	94	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Carbon Disulphide	0.00	76	0	N.D.	d	
10) Dichloromethane	0.00	84	0	N.D.	d	
11) Tert-butyl methyl ether	0.00	73	0	N.D.		
12) Trans-1,2-Dichloroethene	0.00	96	0	N.D.		
13) 1,1-Dichloroethane	0.00	63	0	N.D.		
14) Cis-1,2-Dichloroethene	0.00	96	0	N.D.		
15) 2,2-Dichloropropane	0.00	77	0	N.D.		
16) Bromochloromethane	0.00	128	0	N.D.		
17) Chloroform	0.00	83	0	N.D.		
19) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
20) 1,1-Dichloropropene	0.00	75	0	N.D.		
21) Carbontetrachloride	0.00	117	0	N.D.		
22) 1,2-Dichloroethane	0.00	62	0	N.D.		

FASTVOC2.M Tue Aug 22 13:56:38 2006

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Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082106\
 Data File : VOC088.D
 Acq On : 22 Aug 2006 10:49
 Operator :
 Sample : 200614090-008
 Misc : /soil
 ALS Vial : 88 Sample Multiplier: 2

Quant Time: Aug 22 12:44:52 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Tue Aug 22 09:47:53 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(M
in)							

87	23) Benzene	2.08	78	21791	11.30	ppb	#
	25) Trichloroethene	0.00	95	0	N.D.		
	26) 1,2-Dichloropropane	0.00	63	0	N.D.		
	27) Dibromomethane	0.00	93	0	N.D.		
	28) Bromodichloromethane	0.00	83	0	N.D.		
	29) Cis-1,3-Dichloropropene	0.00	75	0	N.D.		
	31) Toluene	2.69	91	29110m	21.84	ppb	
	32) Trans-1,3-Dichloropropene	0.00	75	0	N.D.		
	33) 1,1,2-Trichloroethane	0.00	97	0	N.D.	d	
	34) 1,3-Dichloropropane	0.00	76	0	N.D.		
	35) Tetrachloroethene	0.00	166	0	N.D.		
	36) Dibromochloromethane	0.00	129	0	N.D.		
	37) 1,2-Dibromoethane	0.00	107	0	N.D.		
	39) Chlorobenzene	0.00	112	0	N.D.		
	40) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
	41) Ethylbenzene	0.00	91	0	N.D.	d	
	42) p/m-Xylene	0.00	106	0	N.D.	d	
	43) o-Xylene	0.00	106	0	N.D.		
	44) Styrene	0.00	104	0	N.D.		
	45) Bromoform	0.00	173	0	N.D.		
	46) Isopropylbenzene	0.00	105	0	N.D.		
	48) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
	49) 1,2,3-Trichloropropane	0.00	110	0	N.D.		
	50) Bromobenzene	0.00	156	0	N.D.		
	51) Propylbenzene	0.00	91	0	N.D.		
	52) 2-Chlorotoluene	0.00	91	0	N.D.		
	53) 1,3,5-Trimethylbenzene	0.00	105	0	N.D.	d	
	54) 4-Chlorotoluene	0.00	91	0	N.D.		
	55) Tert-Butylbenzene	0.00	119	0	N.D.		
	56) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
	57) Sec-Butylbenzene	0.00	105	0	N.D.		
	58) 4-Isopropyltoluene	0.00	119	0	N.D.		
	59) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
	60) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
	62) n-Butylbenzene	0.00	91	0	N.D.		
	63) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
	64) 1,2-Dibromo-3-Chloropropan	0.00	157	0	N.D.		

FASTVOC2.M Tue Aug 22 13:56:38 2006

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Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082106\
 Data File : VOC088.D
 Acq On : 22 Aug 2006 10:49
 Operator :
 Sample : 200614090-008
 Misc : /soil
 ALS Vial : 88 Sample Multiplier: 2

Quant Time: Aug 22 12:44:52 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Tue Aug 22 09:47:53 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(M
in)						

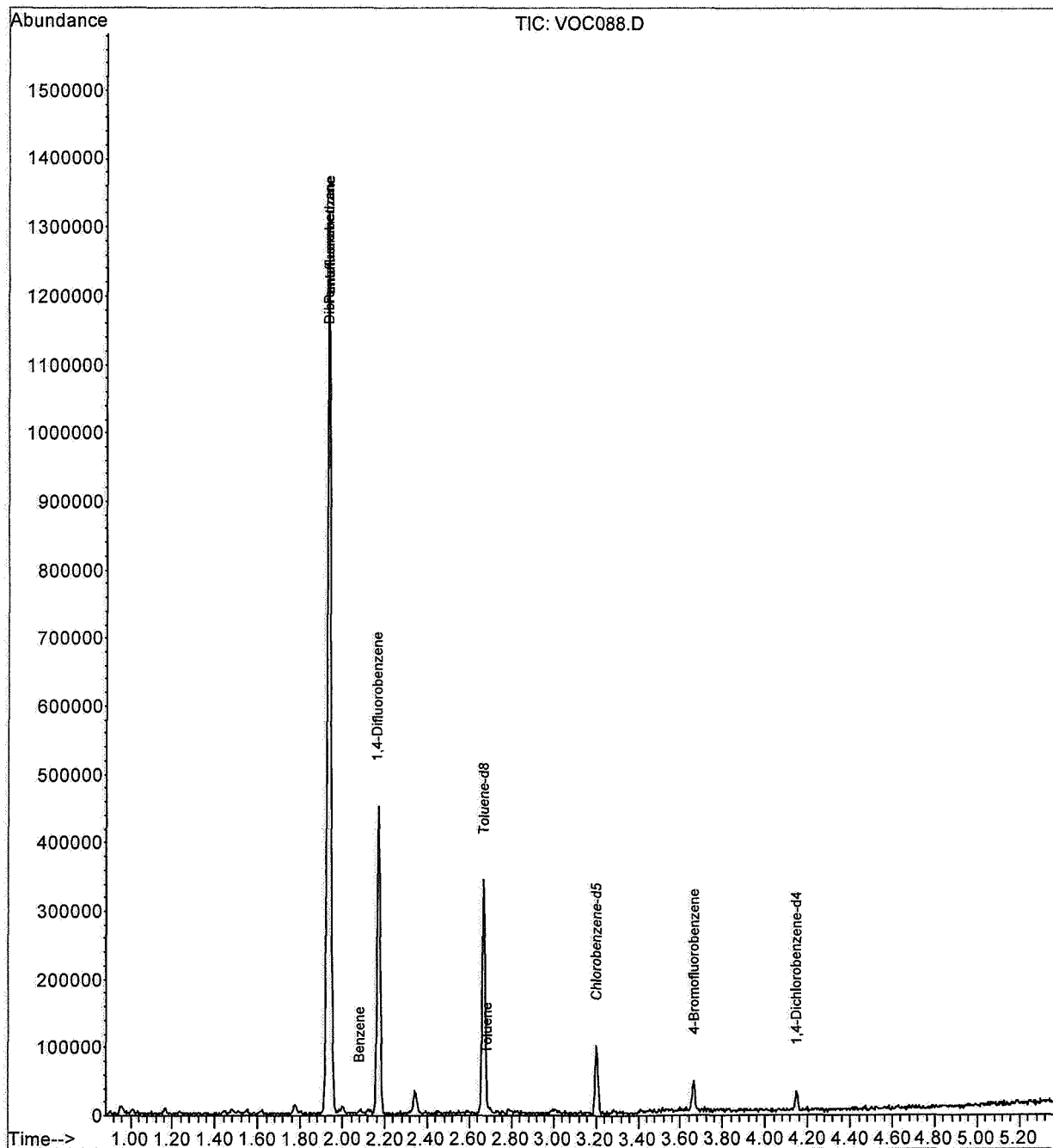
65) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
66) Hexachlorobutadiene	0.00	225	0	N.D.		
67) Naphthalene	0.00	128	0	N.D.		
68) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082106\
 Data File : VOC088.D
 Acq On : 22 Aug 2006 10:49
 Operator :
 Sample : 200614090-008
 Misc : /soil
 ALS Vial : 88 Sample Multiplier: 2

Quant Time: Aug 22 12:44:52 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Tue Aug 22 09:47:53 2006
 Response via : Initial Calibration
 InstName : chem4



Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082106\
 Data File : VOC089.D
 Acq On : 22 Aug 2006 10:59
 Operator :
 Sample : 200614090-012
 Misc : /soil
 ALS Vial : 89 Sample Multiplier: 2

Quant Time: Aug 22 12:45:31 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Tue Aug 22 09:47:53 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(M
in)						

1) Pentafluorobenzene	1.93	168	12315012	1000.00	ppb	
0.00						
24) 1,4-Difluorobenzene	2.17	114	5717028	1000.00	ppb	
0.00						
38) Chlorobenzene-d5	3.21	117	1089002	1000.00	ppb	
0.00						
61) 1,4-Dichlorobenzene-d4	4.15	150	184771	1000.00	ppb	
0.00						
System Monitoring Compounds						
18) Dibromofluoromethane	1.95	111	1399288	804.28	ppb	0
.00						
30) Toluene-d8	2.67	98	3610606	713.92	ppb	0
.00						
47) 4-Bromofluorobenzene	3.66	95	175882	520.72	ppb	0
.00						
Target Compounds						Qval
ue						
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	94	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Carbon Disulphide	0.00	76	0	N.D.	d	
10) Dichloromethane	0.00	84	0	N.D.		
11) Tert-butyl methyl ether	0.00	73	0	N.D.		
12) Trans-1,2-Dichloroethene	0.00	96	0	N.D.		
13) 1,1-Dichloroethane	0.00	63	0	N.D.		
14) Cis-1,2-Dichloroethene	0.00	96	0	N.D.		
15) 2,2-Dichloropropane	0.00	77	0	N.D.		
16) Bromochloromethane	0.00	128	0	N.D.		
17) Chloroform	0.00	83	0	N.D.		
19) 1,1,1-Trichloroethane	1.97	97	284632	102.68	ppb	#
50						
20) 1,1-Dichloropropene	0.00	75	0	N.D.		
21) Carbontetrachloride	0.00	117	0	N.D.		

FASTVOC2.M Tue Aug 22 13:56:39 2006

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Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082106\
 Data File : VOC089.D
 Acq On : 22 Aug 2006 10:59
 Operator :
 Sample : 200614090-012
 Misc : /soil
 ALS Vial : 89 Sample Multiplier: 2

Quant Time: Aug 22 12:45:31 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Tue Aug 22 09:47:53 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(M
in)						

22) 1,2-Dichloroethane	0.00	62	0	N.D.		
23) Benzene	0.00	78	0	N.D.	d	
25) Trichloroethene	0.00	95	0	N.D.		
26) 1,2-Dichloropropane	0.00	63	0	N.D.		
27) Dibromomethane	0.00	93	0	N.D.		
28) Bromodichloromethane	0.00	83	0	N.D.		
29) Cis-1,3-Dichloropropene	0.00	75	0	N.D.		
31) Toluene	2.69	91	51387	16.39	ppb	
98						
32) Trans-1,3-Dichloropropene	0.00	75	0	N.D.		
33) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
34) 1,3-Dichloropropane	0.00	76	0	N.D.		
35) Tetrachloroethene	0.00	166	0	N.D.		
36) Dibromochloromethane	0.00	129	0	N.D.		
37) 1,2-Dibromoethane	0.00	107	0	N.D.		
39) Chlorobenzene	0.00	112	0	N.D.		
40) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
41) Ethylbenzene	0.00	91	0	N.D.	d	
42) p/m-Xylene	0.00	106	0	N.D.	d	
43) o-Xylene	0.00	106	0	N.D.	d	
44) Styrene	0.00	104	0	N.D.		
45) Bromoform	0.00	173	0	N.D.		
46) Isopropylbenzene	0.00	105	0	N.D.		
48) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
49) 1,2,3-Trichloropropane	0.00	110	0	N.D.		
50) Bromobenzene	0.00	156	0	N.D.		
51) Propylbenzene	0.00	91	0	N.D.		
52) 2-Chlorotoluene	0.00	91	0	N.D.		
53) 1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
54) 4-Chlorotoluene	0.00	91	0	N.D.		
55) Tert-Butylbenzene	0.00	119	0	N.D.		
56) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
57) Sec-Butylbenzene	0.00	105	0	N.D.		
58) 4-Isopropyltoluene	0.00	119	0	N.D.		
59) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
60) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
62) n-Butylbenzene	0.00	91	0	N.D.		
63) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
64) 1,2-Dibromo-3-Chloropropan	0.00	157	0	N.D.		

FASTVOC2.M Tue Aug 22 13:56:39 2006

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Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082106\
 Data File : VOC089.D
 Acq On : 22 Aug 2006 10:59
 Operator :
 Sample : 200614090-012
 Misc : /soil
 ALS Vial : 89 Sample Multiplier: 2

Quant Time: Aug 22 12:45:31 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Tue Aug 22 09:47:53 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(M
in)						

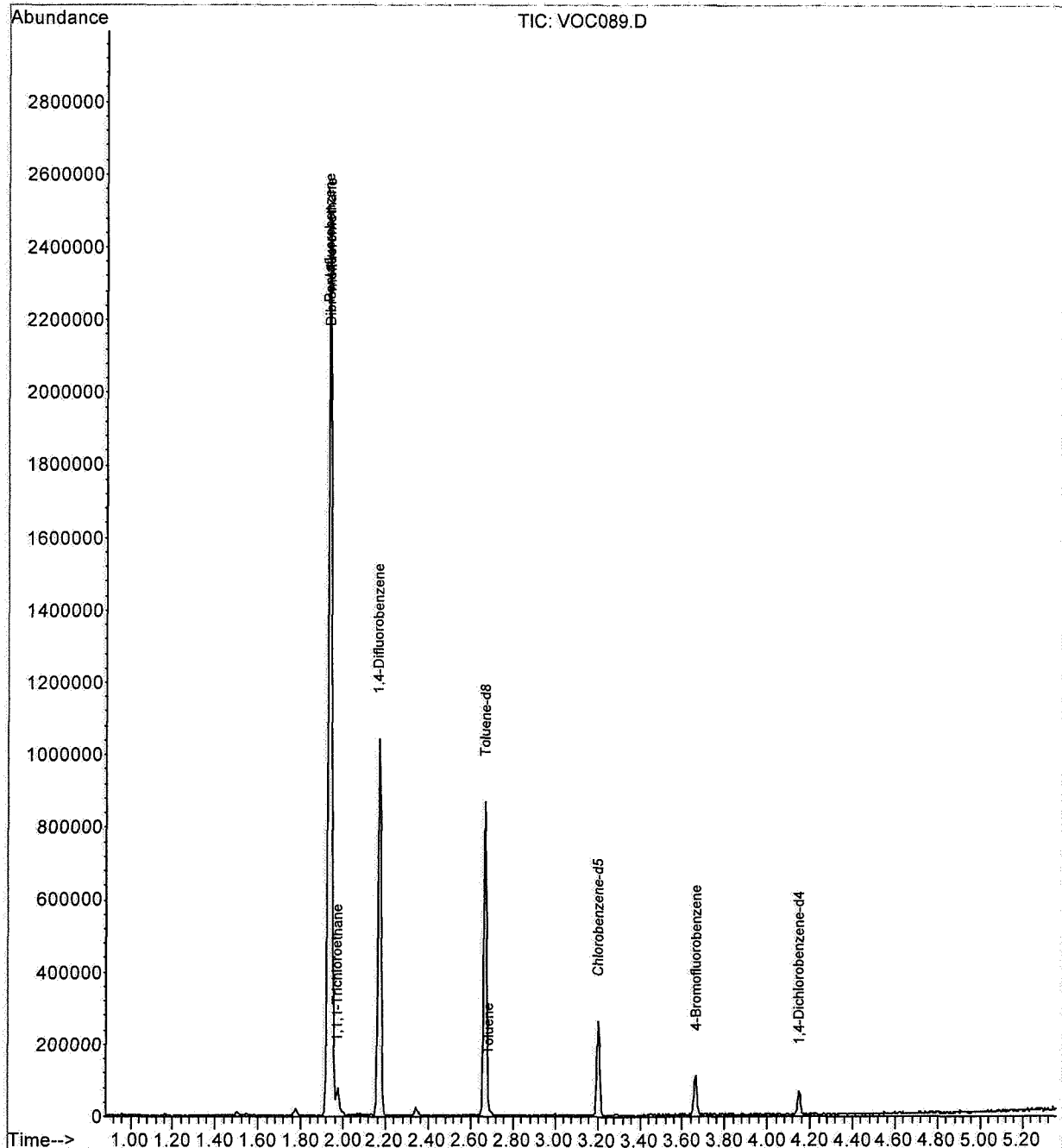
65) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
66) Hexachlorobutadiene	0.00	225	0	N.D.		
67) Naphthalene	0.00	128	0	N.D.		
68) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082106\
 Data File : VOC089.D
 Acq On : 22 Aug 2006 10:59
 Operator :
 Sample : 200614090-012
 Misc : /soil
 ALS Vial : 89 Sample Multiplier: 2

Quant Time: Aug 22 12:45:31 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Tue Aug 22 09:47:53 2006
 Response via : Initial Calibration
 InstName : chem4



Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082206\
 Data File : VOC039.D
 Acq On : 23 Aug 2006 00:28
 Operator : Alcontrol laboratories
 Sample : 200614090-022
 Misc : /soil
 ALS Vial : 39 Sample Multiplier: 2

Quant Time: Aug 23 12:19:17 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Wed Aug 23 09:13:54 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(M
in)						

1) Pentafluorobenzene	1.93	168	15830814	1000.00	ppb	
0.00						
24) 1,4-Difluorobenzene	2.17	114	10561255	1000.00	ppb	
0.00						
38) Chlorobenzene-d5	3.21	117	2427295	1000.00	ppb	
0.00						
61) 1,4-Dichlorobenzene-d4	4.15	150	436837	1000.00	ppb	
0.00						
System Monitoring Compounds						
18) Dibromofluoromethane	1.95	111	2657329	1230.52	ppb	
0.00						
30) Toluene-d8	2.67	98	5179721	555.65	ppb	0
.00						
47) 4-Bromofluorobenzene	3.66	95	390204	516.84	ppb	0
.00						
Target Compounds						Qval
ue						
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	94	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Carbon Disulphide	0.00	76	0	N.D.	d	
10) Dichloromethane	0.00	84	0	N.D.		
11) Tert-butyl methyl ether	0.00	73	0	N.D.		
12) Trans-1,2-Dichloroethene	0.00	96	0	N.D.		
13) 1,1-Dichloroethane	0.00	63	0	N.D.		
14) Cis-1,2-Dichloroethene	0.00	96	0	N.D.		
15) 2,2-Dichloropropane	0.00	77	0	N.D.		
16) Bromochloromethane	0.00	128	0	N.D.		
17) Chloroform	0.00	83	0	N.D.		
19) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
20) 1,1-Dichloropropene	0.00	75	0	N.D.		
21) Carbontetrachloride	0.00	117	0	N.D.		
22) 1,2-Dichloroethane	0.00	62	0	N.D.		

FASTVOC2.M Wed Aug 23 14:51:52 2006

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Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082206\
 Data File : VOC039.D
 Acq On : 23 Aug 2006 00:28
 Operator : Alcontrol laboratories
 Sample : 200614090-022
 Misc : /soil
 ALS Vial : 39 Sample Multiplier: 2

Quant Time: Aug 23 12:19:17 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Wed Aug 23 09:13:54 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards in)	R.T.	QIon	Response	Conc	Units	Dev(M

23) Benzene	2.08	78	159231m	33.71	ppb	
25) Trichloroethene	0.00	95	0	N.D.		
26) 1,2-Dichloropropane	0.00	63	0	N.D.		
27) Dibromomethane	0.00	93	0	N.D.		
28) Bromodichloromethane	0.00	83	0	N.D.		
29) Cis-1,3-Dichloropropene	0.00	75	0	N.D.		
31) Toluene	2.69	91	244462	42.54	ppb	
95						
32) Trans-1,3-Dichloropropene	0.00	75	0	N.D.		
33) 1,1,2-Trichloroethane	0.00	97	0	N.D.	d	
34) 1,3-Dichloropropane	0.00	76	0	N.D.		
35) Tetrachloroethene	0.00	166	0	N.D.		
36) Dibromochloromethane	0.00	129	0	N.D.		
37) 1,2-Dibromoethane	0.00	107	0	N.D.		
39) Chlorobenzene	0.00	112	0	N.D.		
40) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
41) Ethylbenzene	3.25	91	69352	28.16	ppb	
94						
42) p/m-Xylene	3.29	106	151902	135.71	ppb	
97						
43) o-Xylene	3.45	106	75124	82.27	ppb	
84						
44) Styrene	0.00	104	0	N.D.	d	
45) Bromoform	0.00	173	0	N.D.		
46) Isopropylbenzene	3.59	105	19915	7.57	ppb	#
43						
48) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
49) 1,2,3-Trichloropropane	0.00	110	0	N.D.		
50) Bromobenzene	0.00	156	0	N.D.		
51) Propylbenzene	0.00	91	0	N.D.	d	
52) 2-Chlorotoluene	0.00	91	0	N.D.	d	
53) 1,3,5-Trimethylbenzene	3.83	105	49315m	24.82	ppb	
54) 4-Chlorotoluene	0.00	91	0	N.D.	d	
55) Tert-Butylbenzene	0.00	119	0	N.D.	d	
56) 1,2,4-Trimethylbenzene	3.99	105	83176	48.70	ppb	
95						
57) Sec-Butylbenzene	0.00	105	0	N.D.	d	

FASTVOC2.M Wed Aug 23 14:51:52 2006

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Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082206\
 Data File : VOC039.D
 Acq On : 23 Aug 2006 00:28
 Operator : Alcontrol laboratories
 Sample : 200614090-022
 Misc : /soil
 ALS Vial : 39 Sample Multiplier: 2

Quant Time: Aug 23 12:19:17 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Wed Aug 23 09:13:54 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(M
in)						

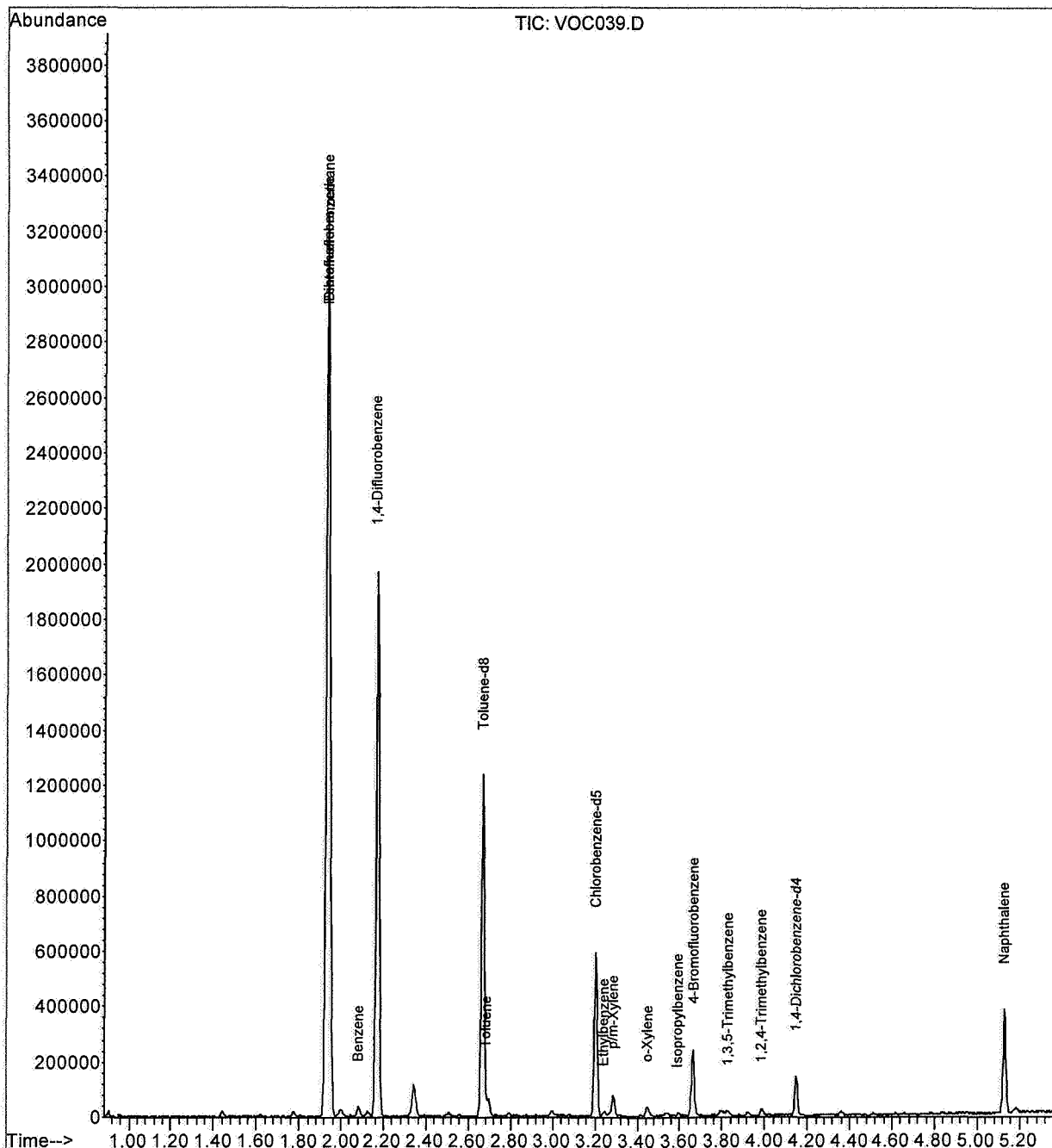
58) 4-Isopropyltoluene	0.00	119	0	N.D.	d	
59) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
60) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
62) n-Butylbenzene	0.00	91	0	N.D.	d	
63) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
64) 1,2-Dibromo-3-Chloropropan	0.00	157	0	N.D.		
65) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
66) Hexachlorobutadiene	0.00	225	0	N.D.		
67) Naphthalene	5.13	128	1955712	9869.88	ppb	
100						
68) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082206\
 Data File : VOC039.D
 Acq On : 23 Aug 2006 00:28
 Operator : Alcontrol laboratories
 Sample : 200614090-022
 Misc : /soil
 ALS Vial : 39 Sample Multiplier: 2

Quant Time: Aug 23 12:19:17 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Wed Aug 23 09:13:54 2006
 Response via : Initial Calibration
 InstName : chem4



Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082206\
 Data File : VOC041.D
 Acq On : 23 Aug 2006 00:49
 Operator : Alcontrol laboratories
 Sample : 200614090-031
 Misc : /soil
 ALS Vial : 41 Sample Multiplier: 2

Quant Time: Aug 23 12:20:13 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Wed Aug 23 09:13:54 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(M
in)						

1) Pentafluorobenzene	1.93	168	25781651	1000.00	ppb	
0.00						
24) 1,4-Difluorobenzene	2.17	114	16710210	1000.00	ppb	
0.00						
38) Chlorobenzene-d5	3.20	117	7749746	1000.00	ppb	
0.00						
61) 1,4-Dichlorobenzene-d4	4.15	150	2630380	1000.00	ppb	
0.00						
System Monitoring Compounds						
18) Dibromofluoromethane	1.95	111	3113989	885.43	ppb	0
.00						
30) Toluene-d8	2.67	98	13318273	902.97	ppb	0
.00						
47) 4-Bromofluorobenzene	3.66	95	1685001	699.04	ppb	0
.00						
Target Compounds						Qval
ue						
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	94	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Carbon Disulphide	0.00	76	0	N.D.		
10) Dichloromethane	0.00	84	0	N.D.		
11) Tert-butyl methyl ether	0.00	73	0	N.D.		
12) Trans-1,2-Dichloroethene	0.00	96	0	N.D.		
13) 1,1-Dichloroethane	0.00	63	0	N.D.		
14) Cis-1,2-Dichloroethene	0.00	96	0	N.D.		
15) 2,2-Dichloropropane	0.00	77	0	N.D.		
16) Bromochloromethane	0.00	128	0	N.D.		
17) Chloroform	0.00	83	0	N.D.		
19) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
20) 1,1-Dichloropropene	0.00	75	0	N.D.		
21) Carbontetrachloride	0.00	117	0	N.D.		
22) 1,2-Dichloroethane	0.00	62	0	N.D.		

FASTVOC2.M Wed Aug 23 14:51:54 2006

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Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082206\
 Data File : VOC041.D
 Acq On : 23 Aug 2006 00:49
 Operator : Alcontrol laboratories
 Sample : 200614090-031
 Misc : /soil
 ALS Vial : 41 Sample Multiplier: 2

Quant Time: Aug 23 12:20:13 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Wed Aug 23 09:13:54 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards in)	R.T.	QIon	Response	Conc	Units	Dev(M

23) Benzene	0.00	78	0	N.D.		
25) Trichloroethene	0.00	95	0	N.D.		
26) 1,2-Dichloropropane	0.00	63	0	N.D.		
27) Dibromomethane	0.00	93	0	N.D.		
28) Bromodichloromethane	0.00	83	0	N.D.		
29) Cis-1,3-Dichloropropene	0.00	75	0	N.D.		
31) Toluene	0.00	91	0	N.D.	d	
32) Trans-1,3-Dichloropropene	0.00	75	0	N.D.		
33) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
34) 1,3-Dichloropropane	0.00	76	0	N.D.		
35) Tetrachloroethene	0.00	166	0	N.D.		
36) Dibromochloromethane	0.00	129	0	N.D.		
37) 1,2-Dibromoethane	0.00	107	0	N.D.		
39) Chlorobenzene	0.00	112	0	N.D.		
40) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
41) Ethylbenzene	0.00	91	0	N.D.	d	
42) p/m-Xylene	0.00	106	0	N.D.		
43) o-Xylene	0.00	106	0	N.D.		
44) Styrene	0.00	104	0	N.D.		
45) Bromoform	0.00	173	0	N.D.		
46) Isopropylbenzene	0.00	105	0	N.D.		
48) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
49) 1,2,3-Trichloropropane	0.00	110	0	N.D.		
50) Bromobenzene	0.00	156	0	N.D.		
51) Propylbenzene	0.00	91	0	N.D.		
52) 2-Chlorotoluene	0.00	91	0	N.D.		
53) 1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
54) 4-Chlorotoluene	0.00	91	0	N.D.		
55) Tert-Butylbenzene	0.00	119	0	N.D.		
56) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
57) Sec-Butylbenzene	0.00	105	0	N.D.		
58) 4-Isopropyltoluene	0.00	119	0	N.D.		
59) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
60) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
62) n-Butylbenzene	0.00	91	0	N.D.		
63) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
64) 1,2-Dibromo-3-Chloropropan	0.00	157	0	N.D.		
65) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
66) Hexachlorobutadiene	0.00	225	0	N.D.		

FASTVOC2.M Wed Aug 23 14:51:54 2006

Page: 2

Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082206\
 Data File : VOC041.D
 Acq On : 23 Aug 2006 00:49
 Operator : Alcontrol laboratories
 Sample : 200614090-031
 Misc : /soil
 ALS Vial : 41 Sample Multiplier: 2

Quant Time: Aug 23 12:20:13 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Wed Aug 23 09:13:54 2006
 Response via : Initial Calibration
 InstName : chem4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(M
in)						

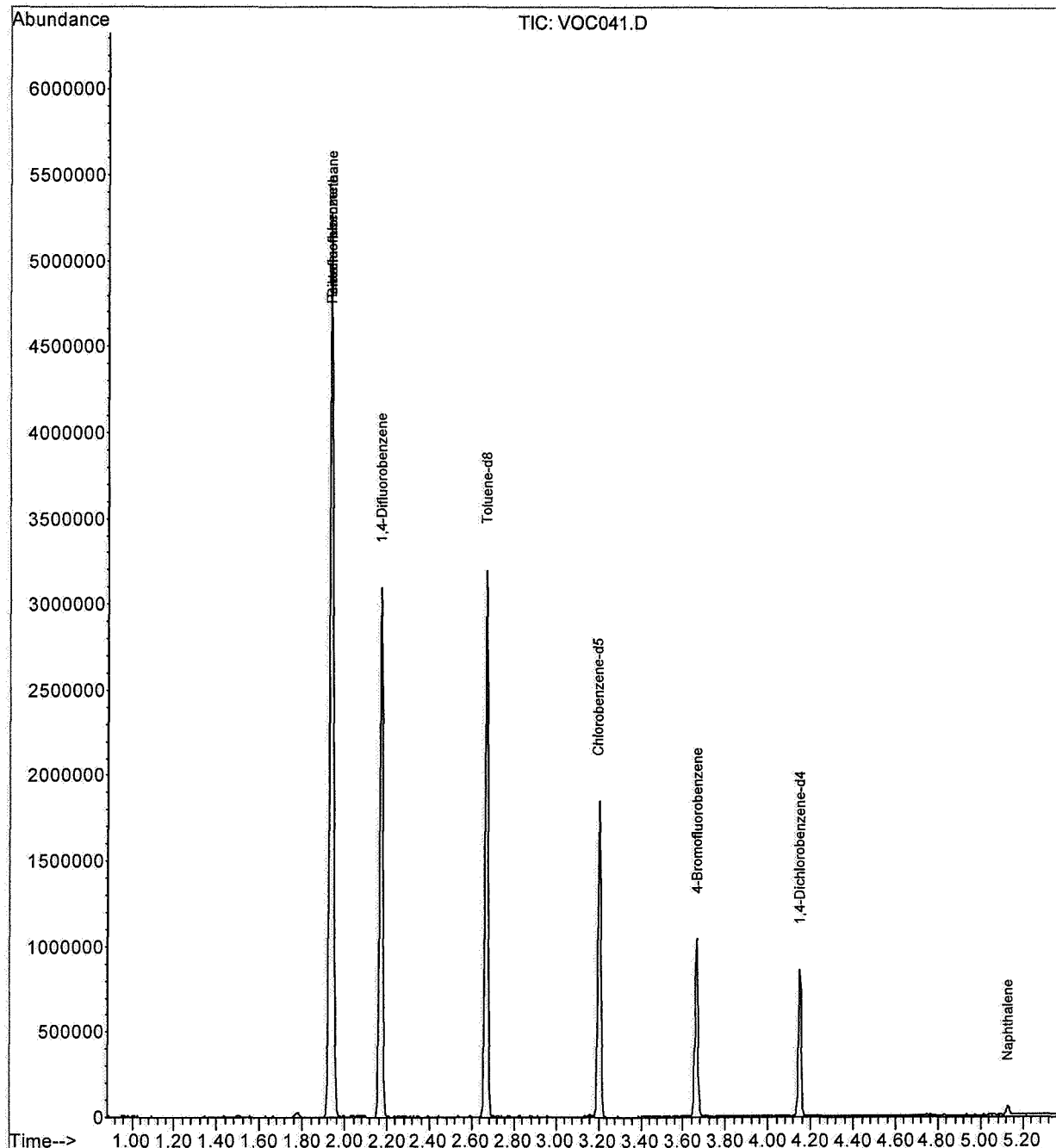
67) Naphthalene	5.13	128	261367	219.06	ppb	
100 68) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MSDCHEM\DATA\082206\
 Data File : VOC041.D
 Acq On : 23 Aug 2006 00:49
 Operator : Alcontrol laboratories
 Sample : 200614090-031
 Misc : /soil
 ALS Vial : 41 Sample Multiplier: 2

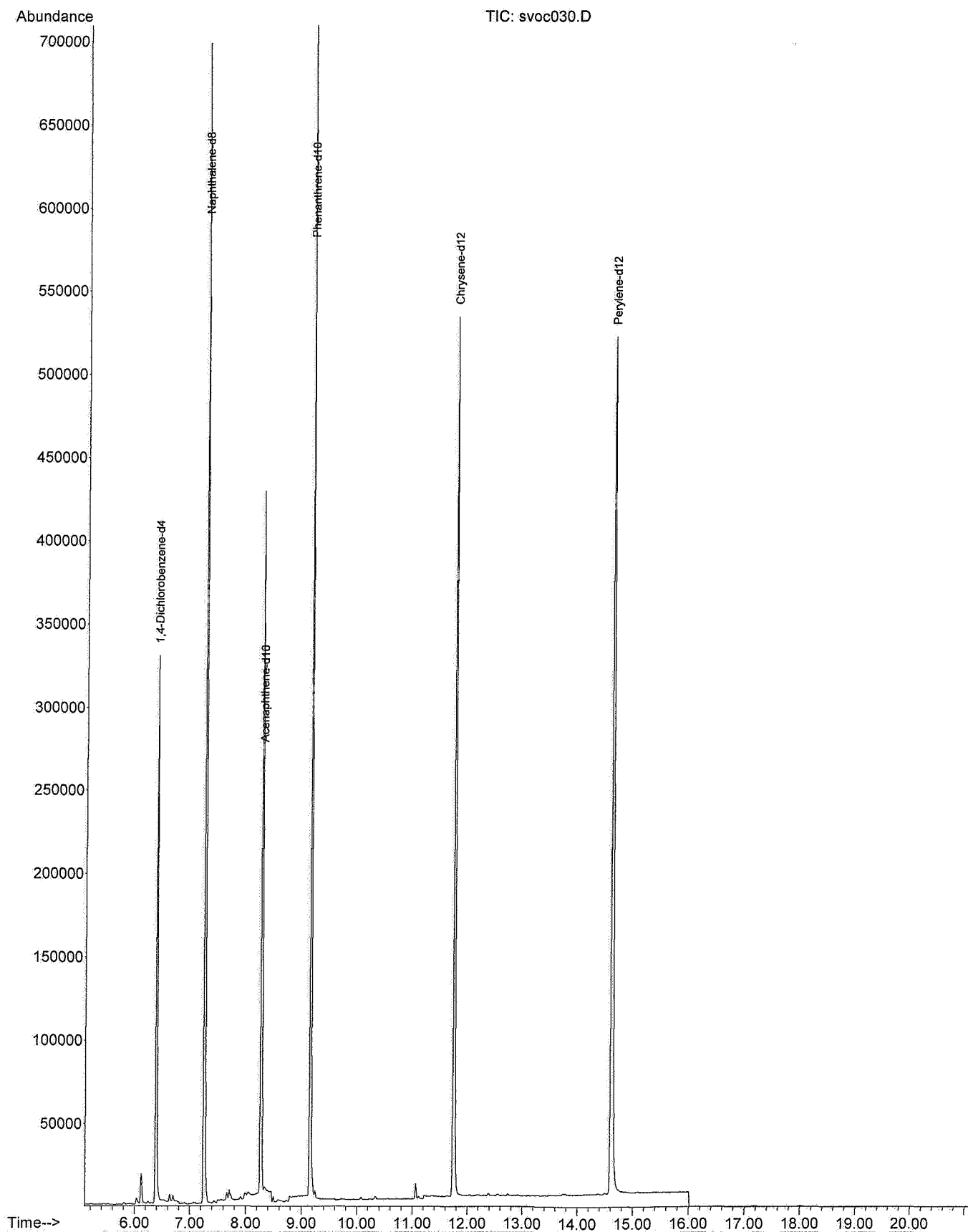
Quant Time: Aug 23 12:20:13 2006
 Quant Method : C:\MSDCHEM\1\METHODS\FASTVOC2.M
 Quant Title : Volatile Organic Compounds (EPA 624/8260)
 QLast Update : Wed Aug 23 09:13:54 2006
 Response via : Initial Calibration
 InstName : chem4



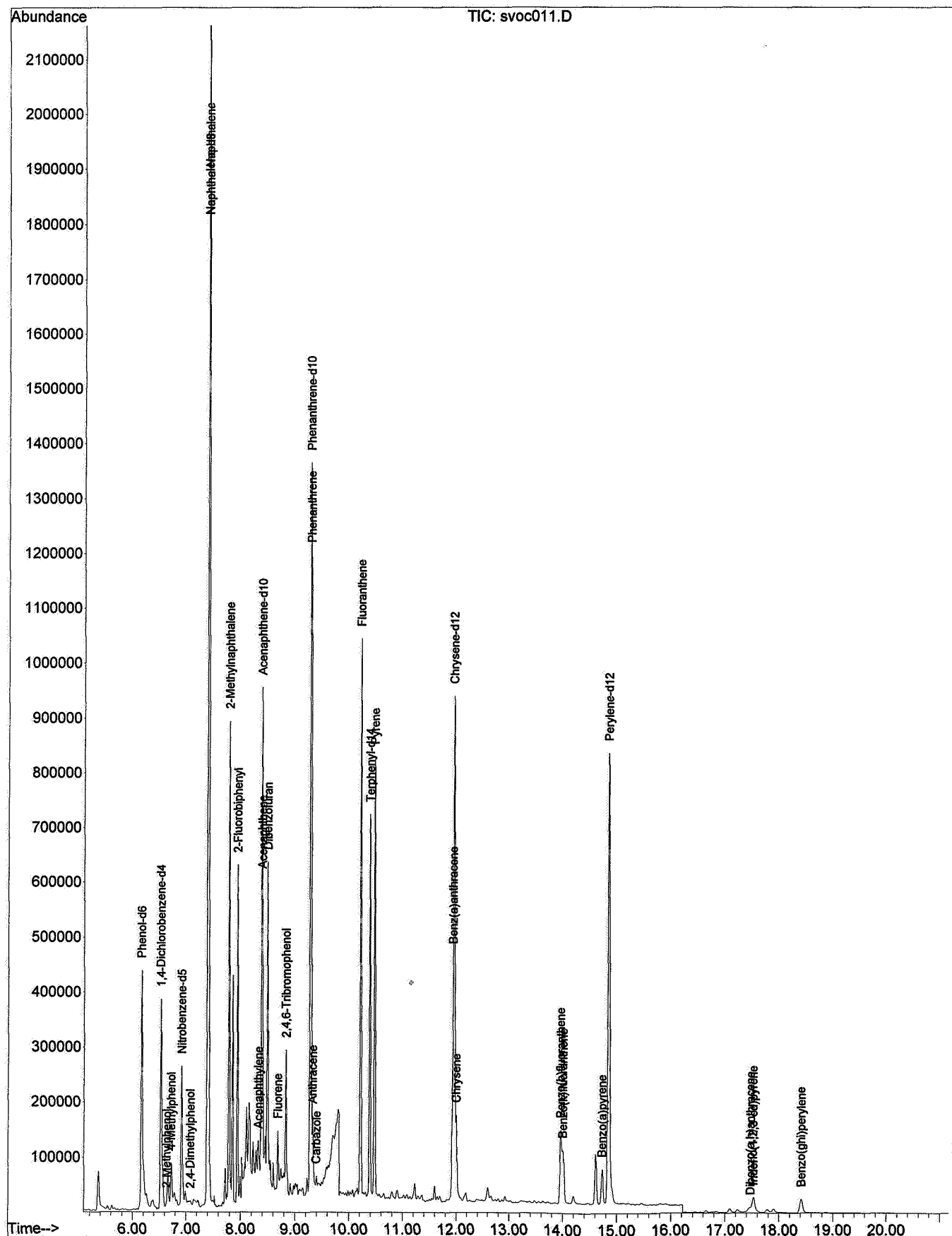
FASTVOC2.M Wed Aug 23 14:51:54 2006

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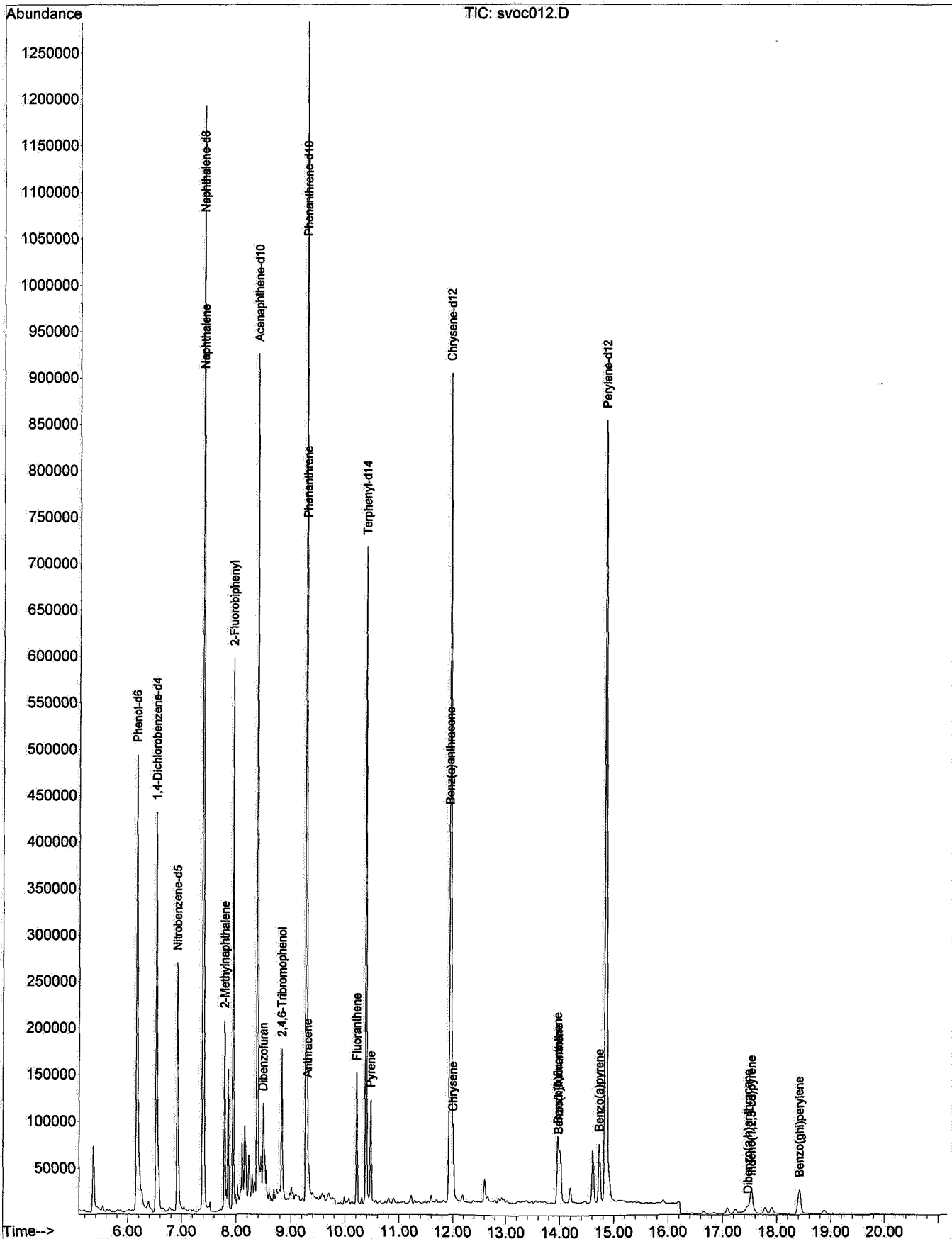
File : C:\MSDChem\1\DATA\c35082306\svoc030.D
Operator :
Acquired : 24 Aug 2006 6:10 using AcqMethod SVOC.M
Instrument : Instrument #1
Sample Name: 200614090-6
Misc Info : /leach
Vial Number: 28



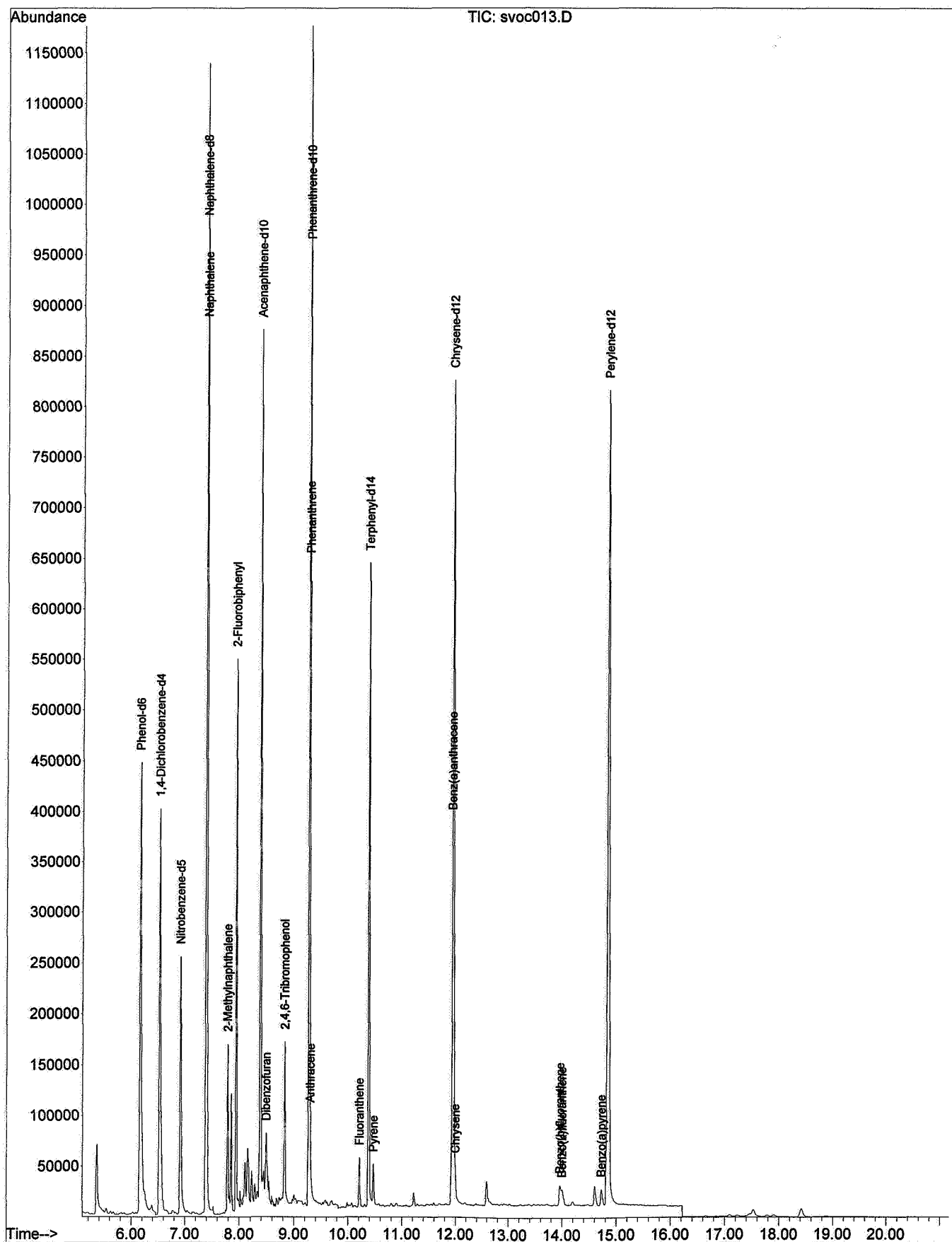
File : C:\MSDCHEM\1\DATA\C50082306\svoc011.D
 Operator :
 Acquired : 23 Aug 2006 21:27 using AcqMethod SVOC.M
 Instrument : Instrument #1
 Sample Name: 200614090-2
 Misc Info : /solid
 Vial Number: 11



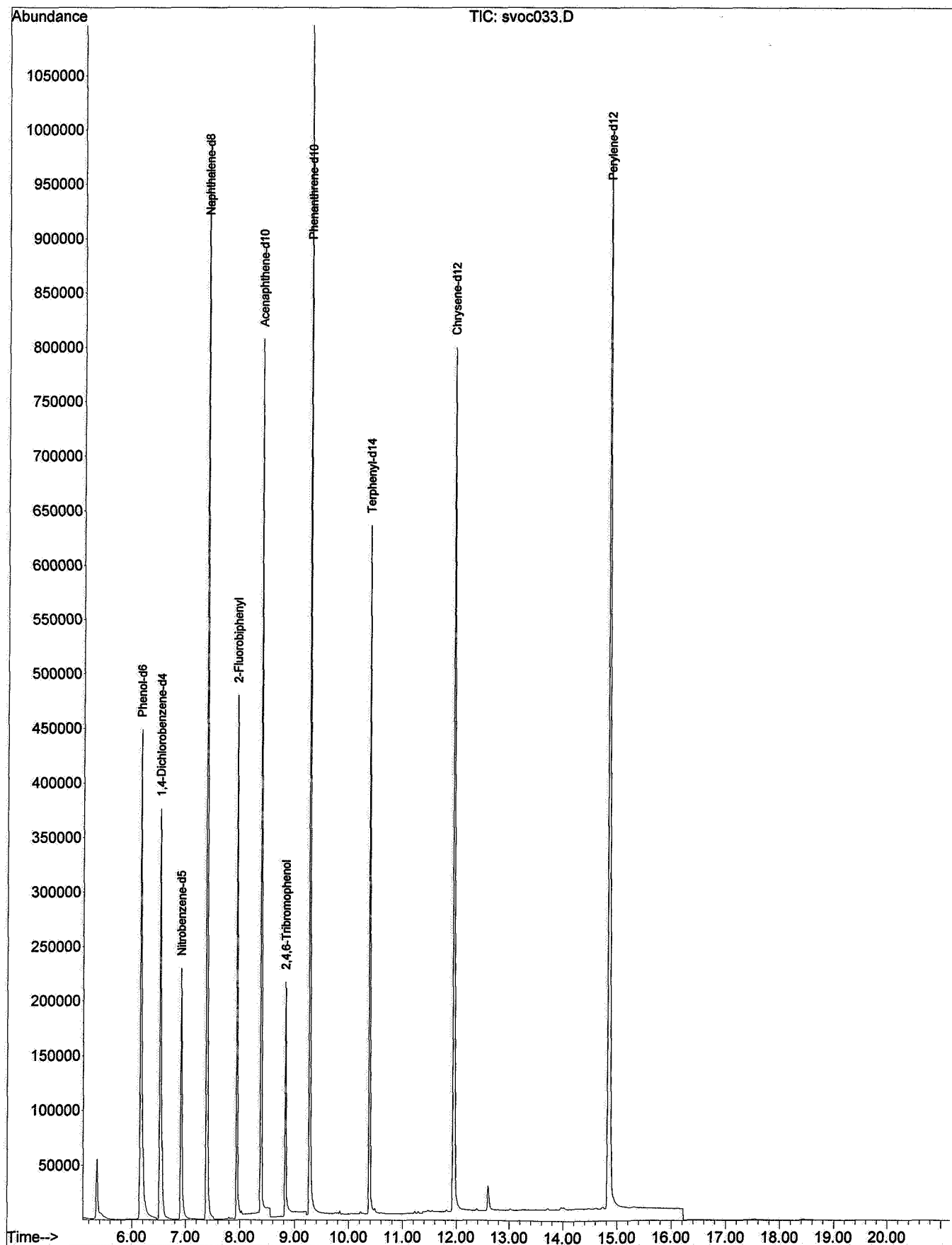
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File       :C:\MSDCHEM\1\DATA\c50082306\svoc012.D
Operator   :
Acquired    : 23 Aug 2006  21:55      using AcqMethod  SVOC.M
Instrument   : Instrument #1
Sample Name: 200614090-6
Misc Info   : /solid
Vial Number: 12
```



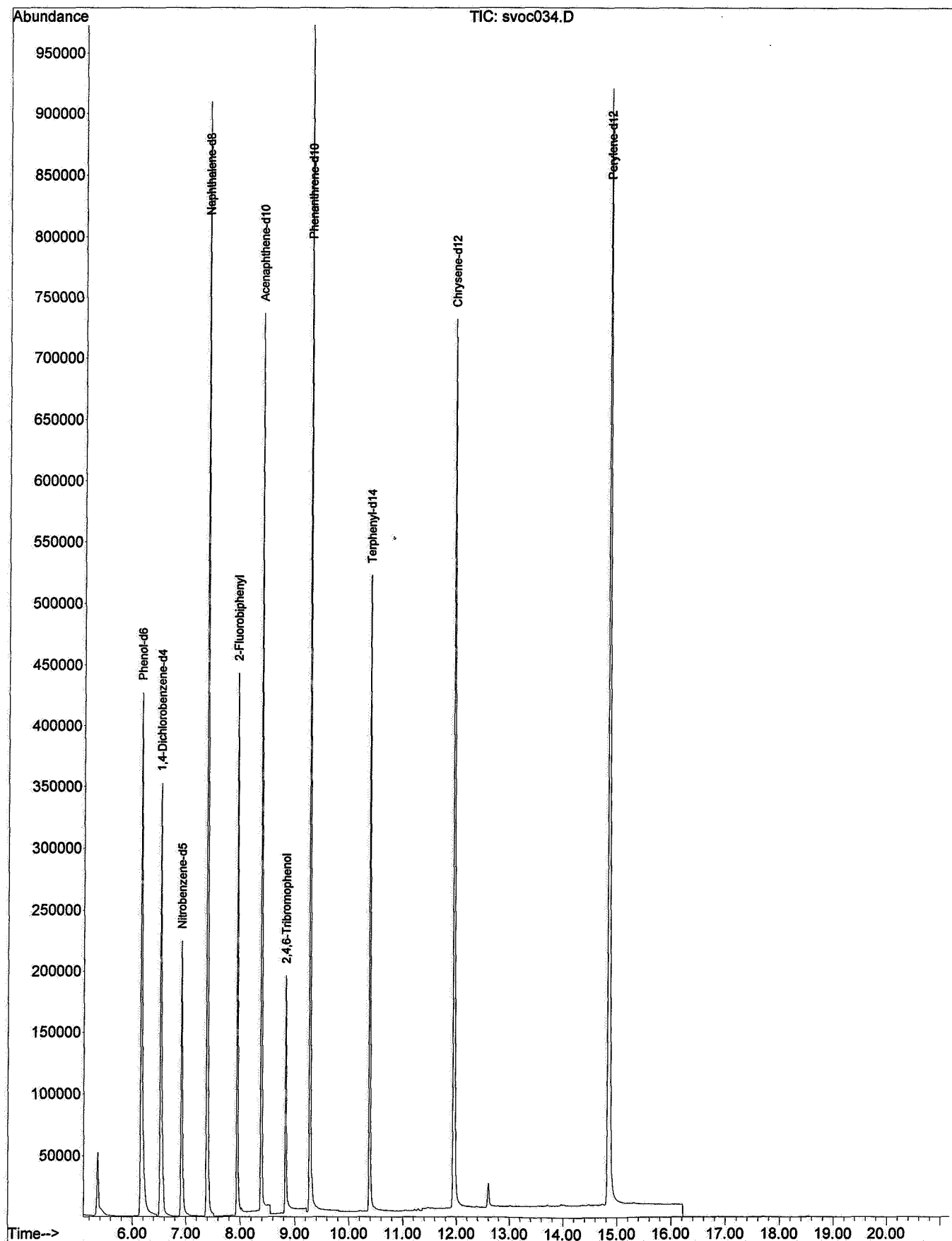
File : C:\MSDChem\1\DATA\c50082306\svoc013.D
Operator :
Acquired : 23 Aug 2006 22:23 using AcqMethod SVOC.M
Instrument : Instrument #1
Sample Name: 200614090-11
Misc Info : /solid
Vial Number: 13



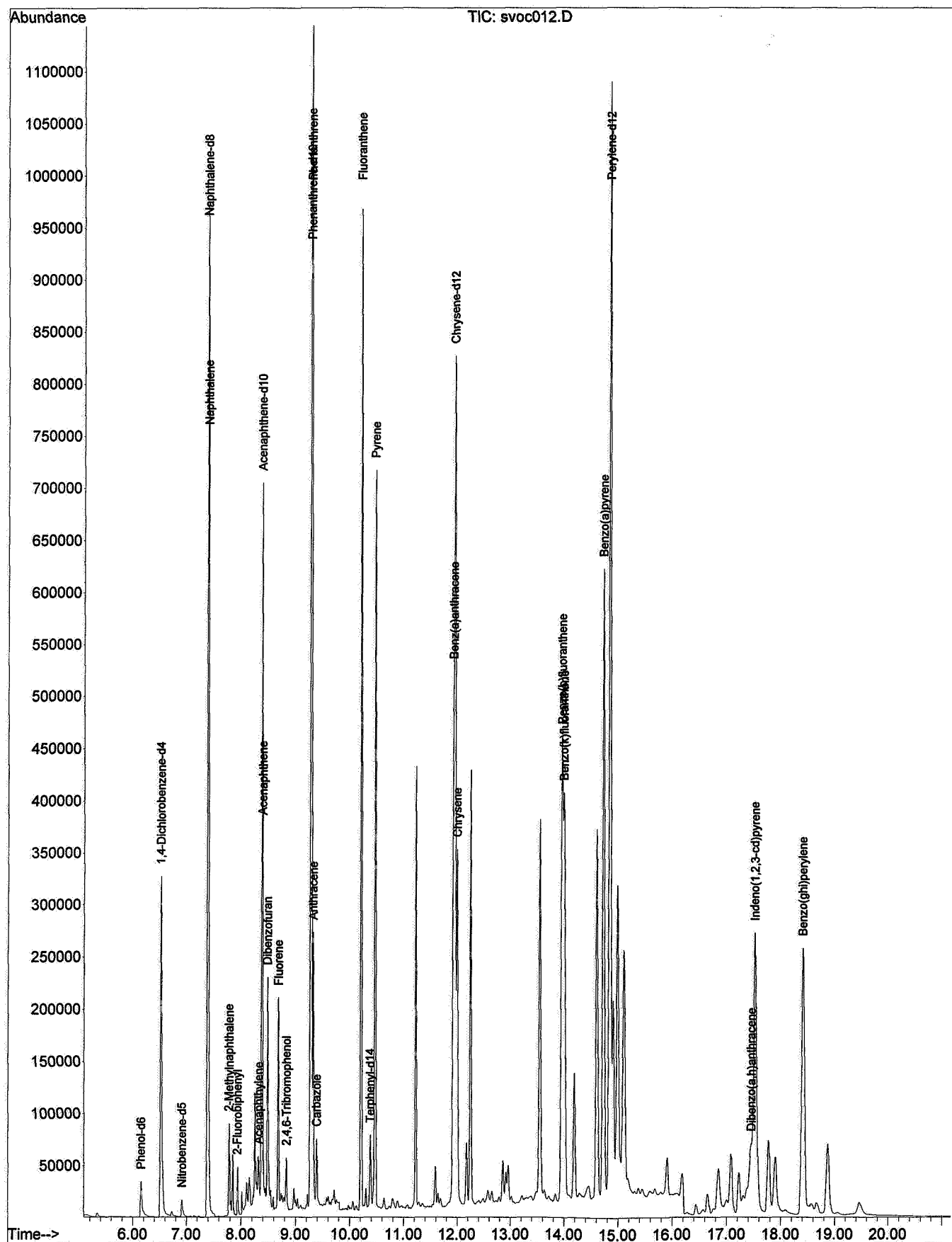
File :C:\MSDChem\1\DATA\c50082306\svoc033.D
Operator :
Acquired : 24 Aug 2006 7:51 using AcqMethod SVOC.M
Instrument : Instrument #1
Sample Name: 200614090-13
Misc Info : /solid
Vial Number: 31



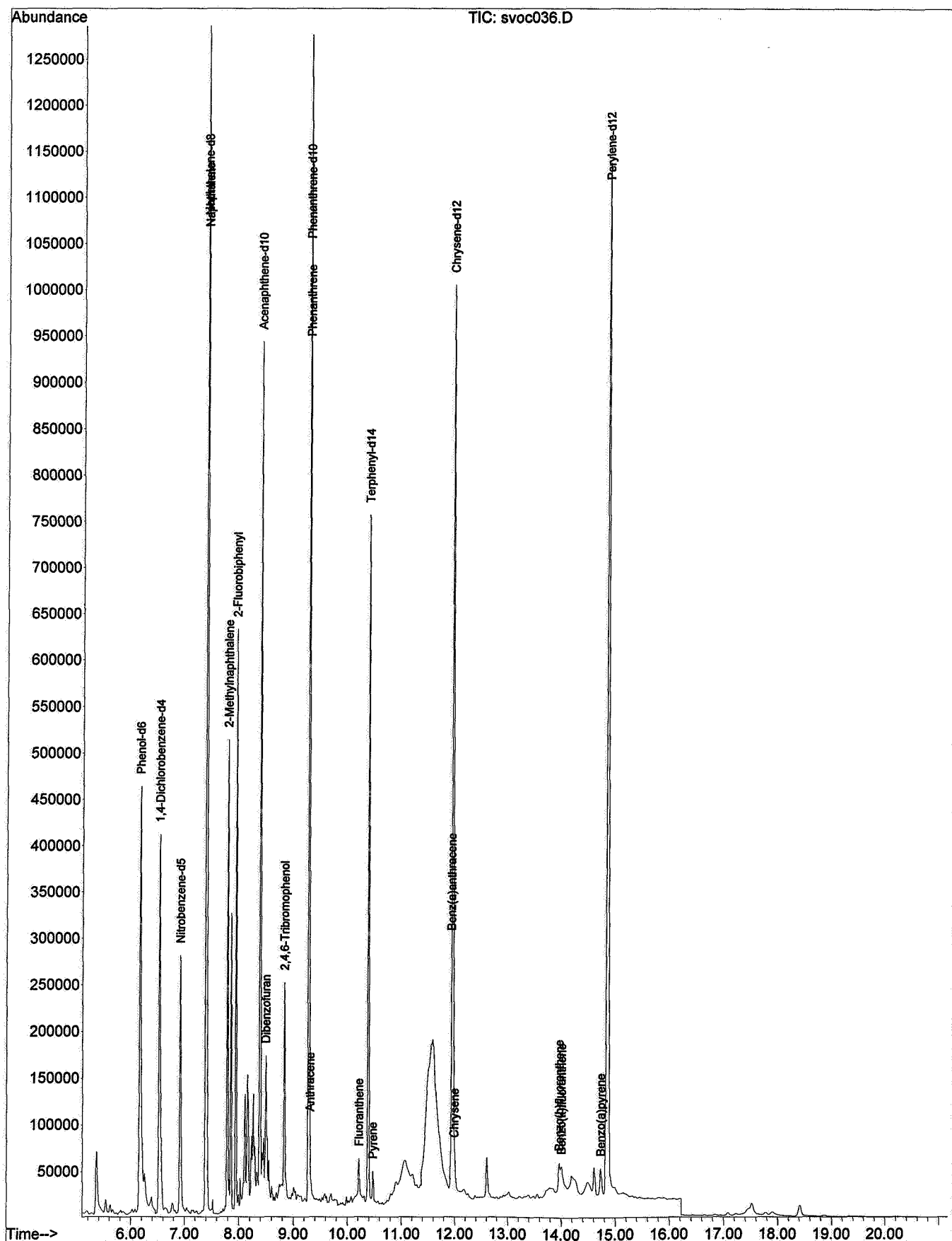
File :C:\MSDChem\1\DATA\c50082306\svoc034.D
Operator :
Acquired : 24 Aug 2006 8:20 using AcqMethod SVOC.M
Instrument : Instrument #1
Sample Name: 200614090-17
Misc Info : /solid
Vial Number: 32



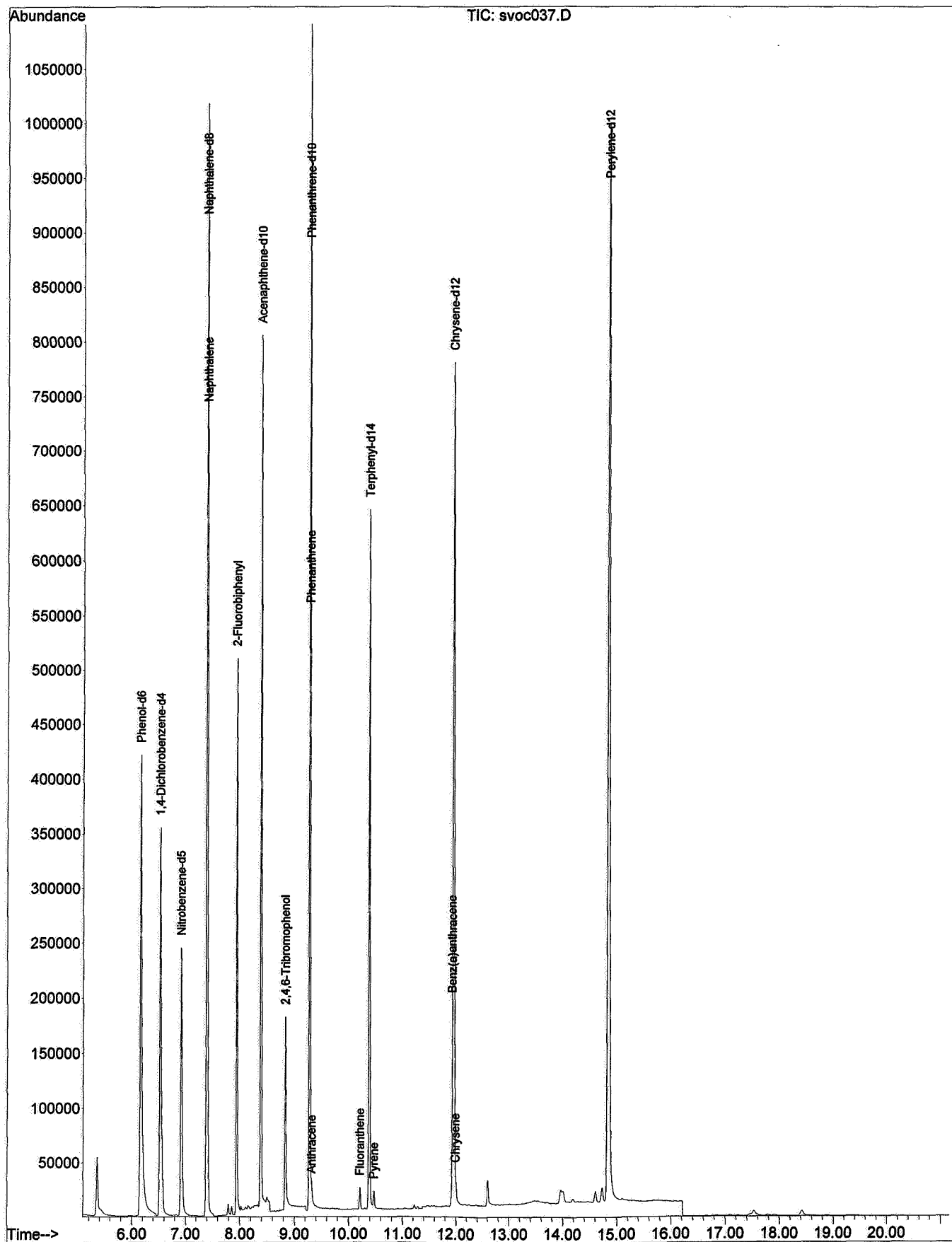
File :C:\MSDChem\1\DATA\c50082406\svoc012.D
Operator :
Acquired : 24 Aug 2006 22:48 using AcqMethod SVOC.M
Instrument : Instrument #1
Sample Name: 200614090-19 *10
Misc Info : /solid
Vial Number: 33



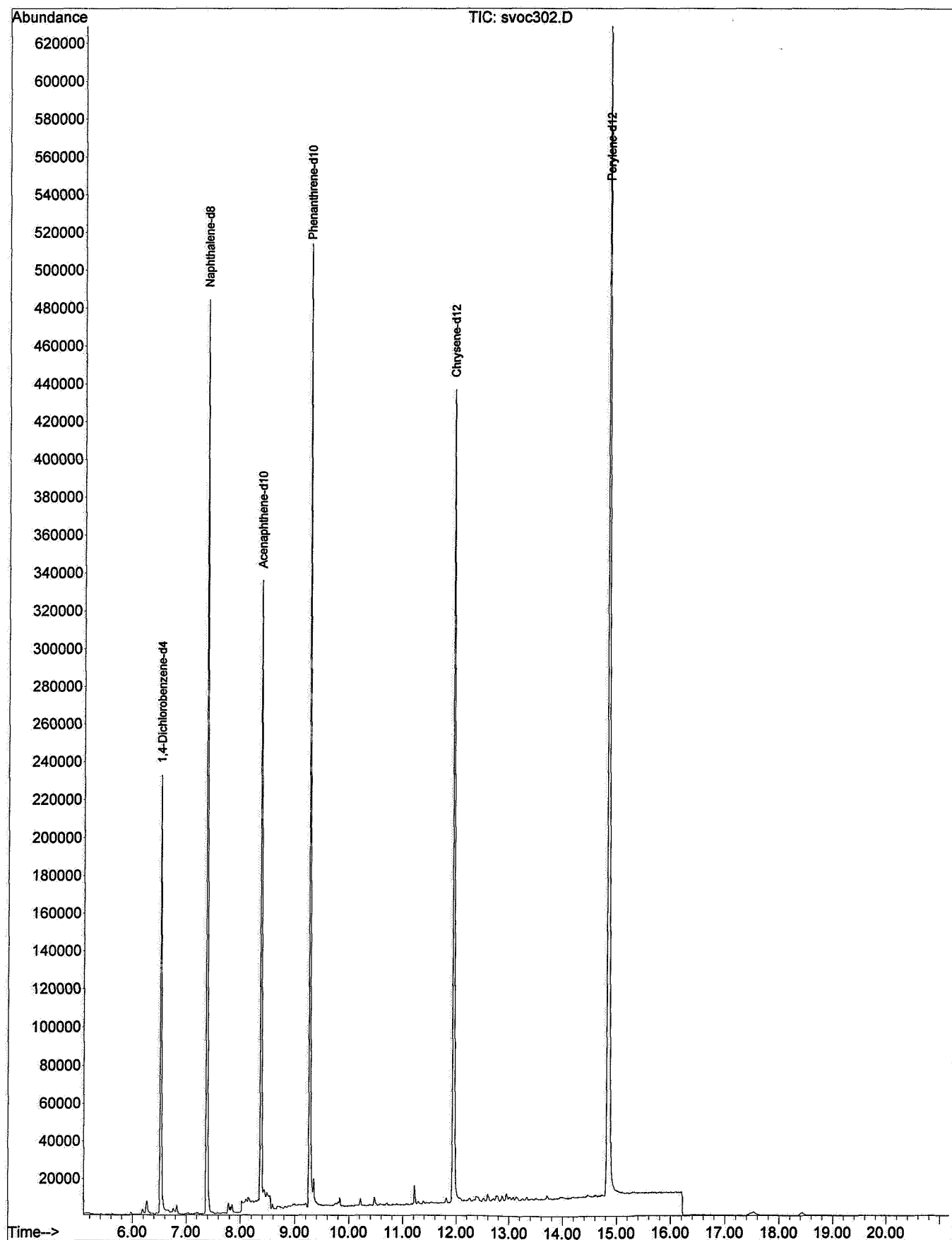
File : C:\MSDChem\1\DATA\c50082306\svoc036.D
Operator :
Acquired : 24 Aug 2006 9:17 using AcqMethod SVOC.M
Instrument : Instrument #1
Sample Name: 200614090-23
Misc Info : /solid
Vial Number: 34



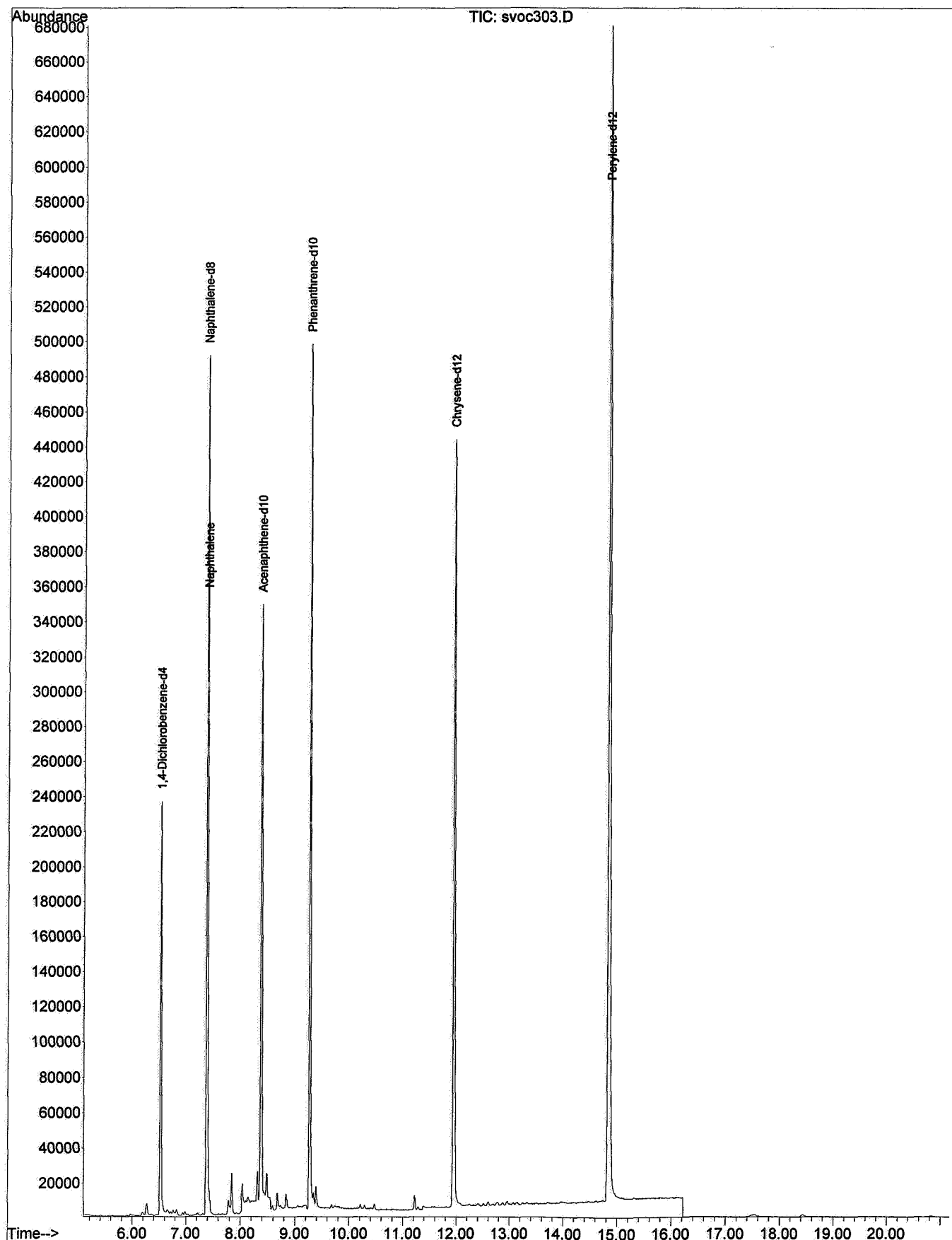
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Operator :
Acquired : 24 Aug 2006 9:45 using AcqMethod SVOC.M
Instrument : Instrument #1
Sample Name: 200614090-27
Misc Info : /solid
Vial Number: 35



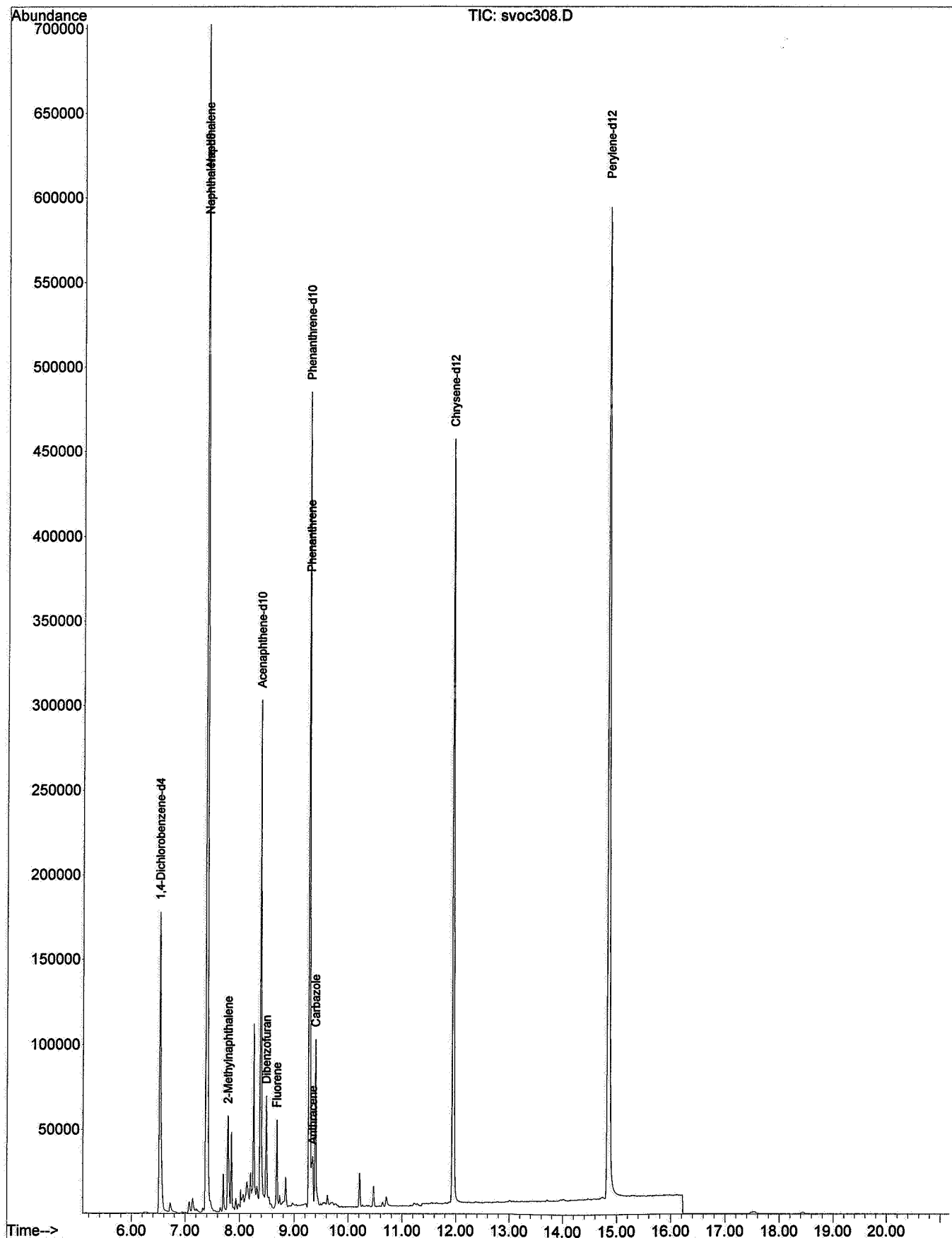
File :C:\MSDCHEM\1\DATA\c50082406\svoc302.D
Operator :
Acquired : 25 Aug 2006 10:34 using AcqMethod SVOC.M
Instrument : Instrument #1
Sample Name: 200614090-15
Misc Info : /liquid
Vial Number: 68



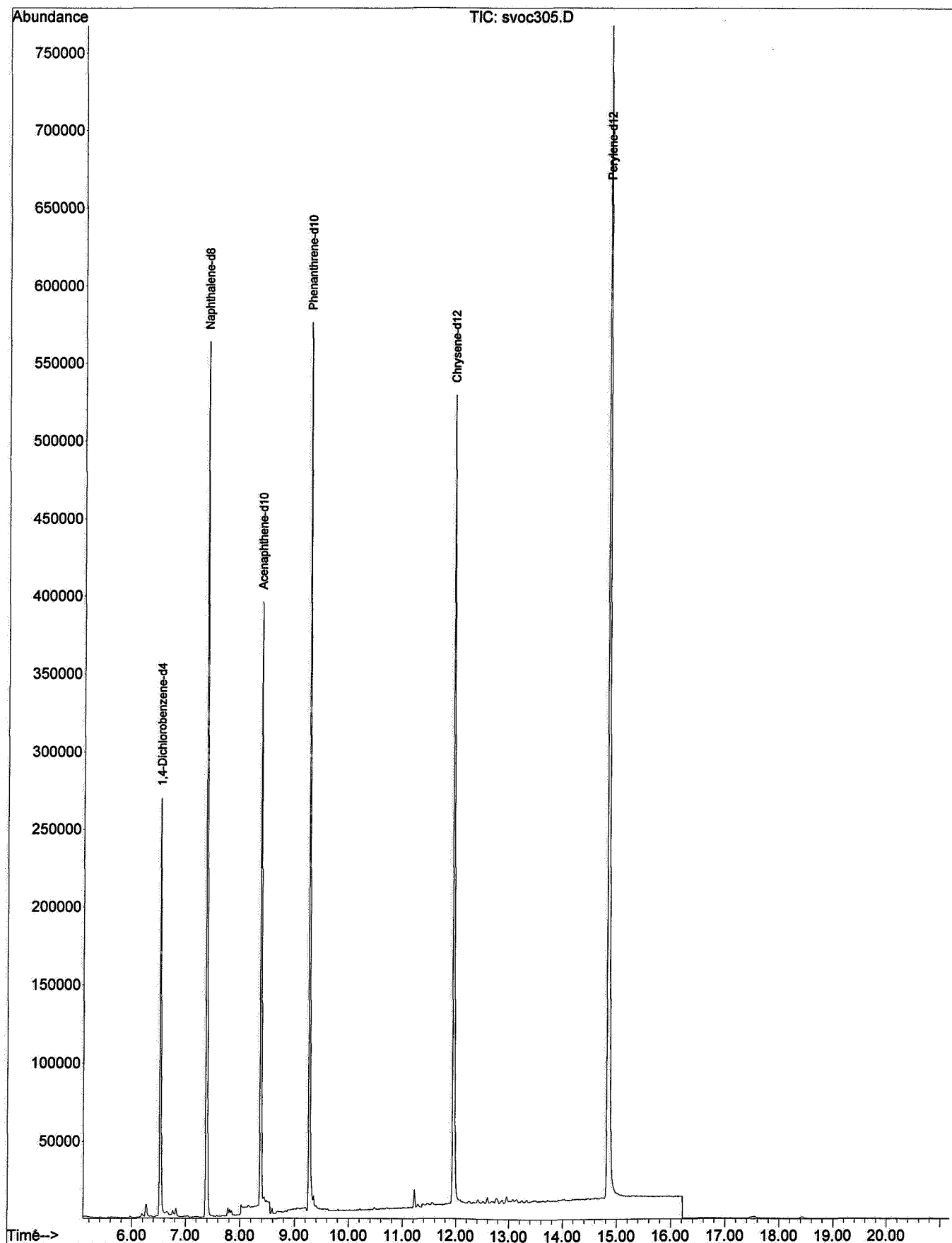
File :C:\MSDCHEM\1\DATA\c50082406\svoc303.D
Operator :
Acquired : 25 Aug 2006 11:02 using AcqMethod SVOC.M
Instrument : Instrument #1
Sample Name: 200614090-18
Misc Info : /liquid
Vial Number: 69



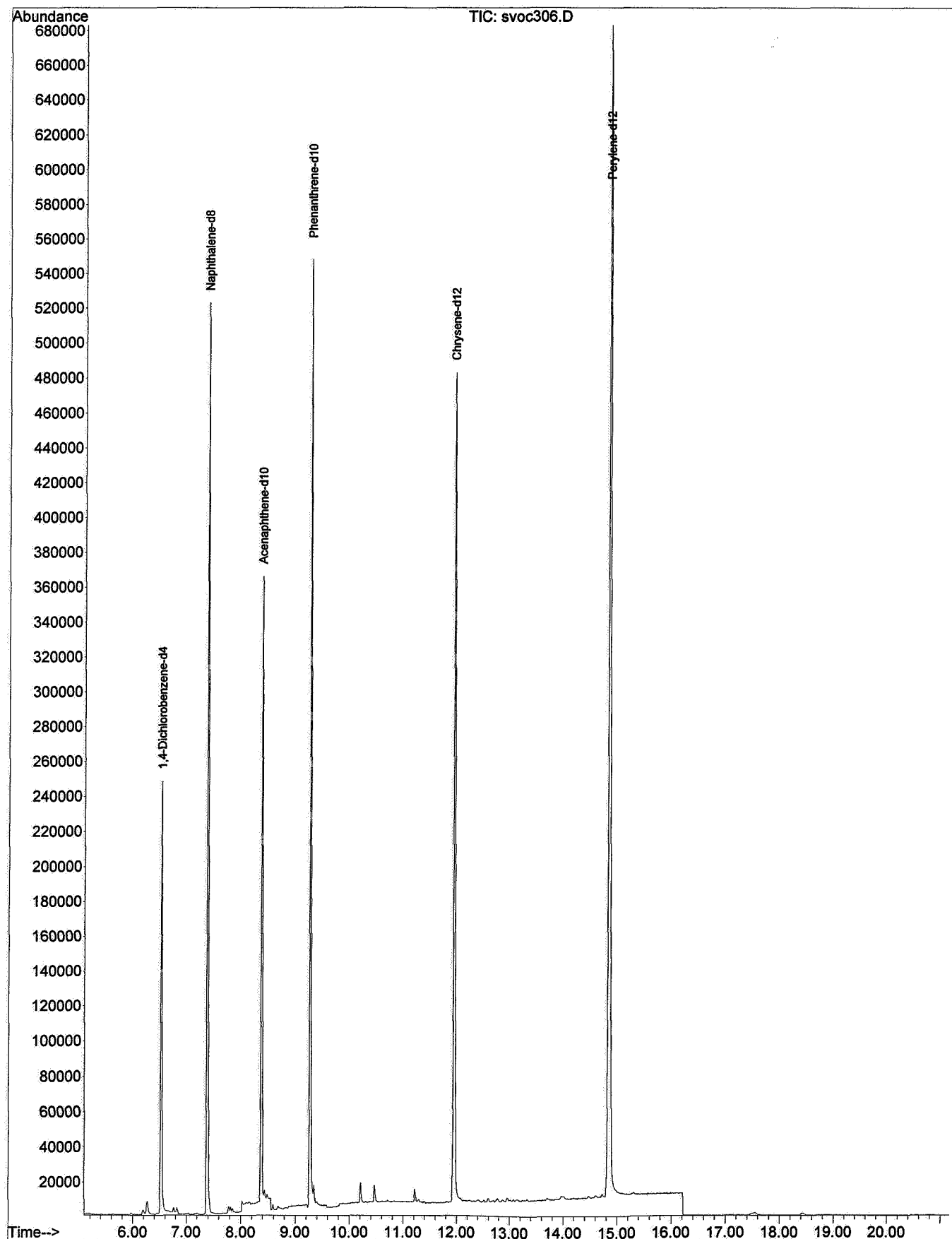
File :C:\MSDChem\1\DATA\c50082406\svoc308.D
Operator :
Acquired : 25 Aug 2006 15:17 using AcqMethod SVOC.M
Instrument : Instrument #1
Sample Name: 200614090-20 *20
Misc Info : /leach
Vial Number: 74



File : C:\MSDCHEM\1\DATA\c50082406\svoc305.D
Operator :
Acquired : 25 Aug 2006 11:59 using AcqMethod SVOC.M
Instrument : Instrument #1
Sample Name: 200614090-25
Misc Info : /liquid
Vial Number: 71



File :C:\MSDCHEM\1\DATA\c50082406\svoc306.D
Operator :
Acquired : 25 Aug 2006 12:27 using AcqMethod SVOC.M
Instrument : Instrument #1
Sample Name: 200614090-29
Misc Info : /liquid
Vial Number: 72



Alcontrol Geochem

SVOC Tentatively Identified Compounds

Job Number - NA
Client - NA
Sample Identity - 10ppm AQC
Sample Type [Units] - µg/ml
Date Acquired - 22/08/06
Date Reported - 23/08/06

Tentative Compound Identification	RetentionTime min	Concentration
Phenol	-	9.67
1,2-dichlorobenzene	-	9.59
Isophorone	-	9.20
Naphthalene	-	10.41
Phenanthrene	-	10.27
Carbazole	-	9.83

SVOC Tentatively Identified Compounds

Job Number	-	NA
Client	-	NA
Sample Identity	-	Soil Blk
Sample Type [Units]	-	µg/kg
Date Acquired	-	22/08/06
Date Reported	-	23/08/06

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Alcontrol Geochem

SVOC Tentatively Identified Compounds

Job Number	-	NA
Client	-	NA
Sample Identity	-	10ppm AQC
Sample Type [Units]	-	µg/ml
Date Acquired	-	24/08/06
Date Reported	-	25/08/06

[illegible]

Alcontrol Geochem

SVOC Tentatively Identified Compounds

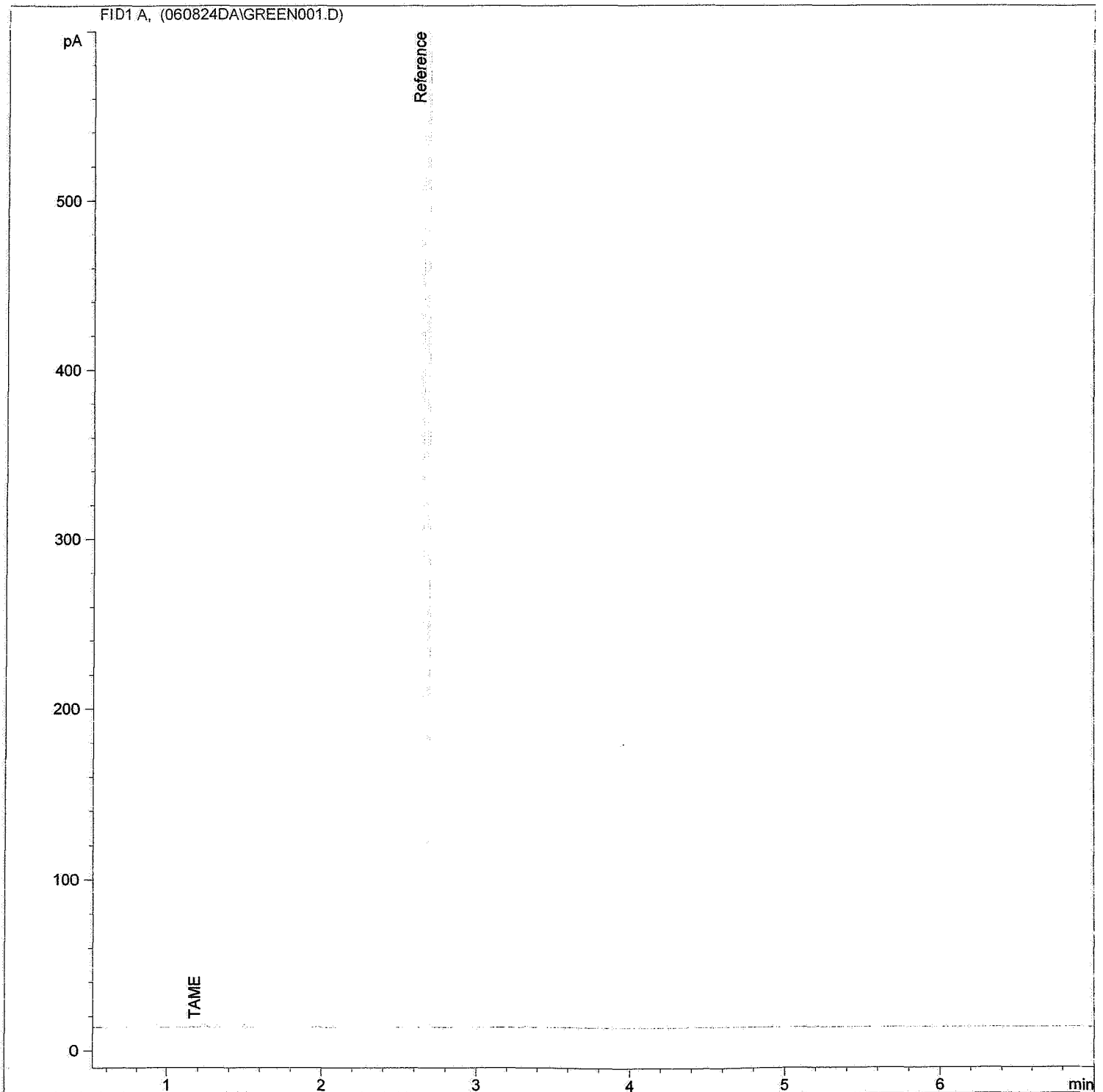
Job Number	-	NA
Client	-	NA
Sample Identity	-	Soil Blk
Sample Type [Units]	-	µg/kg
Date Acquired	-	24/08/06
Date Reported	-	25/08/06

Tentative Compound Identification	RetentionTime min	Concentration
Phenol	-	<100
1,2-dichlorobenzene	-	<100
Isophorone	-	<100
Naphthalene	-	<100
Phenanthrene	-	<100
Carbazole	-	<100

ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : BLANK WATER
Date Acquired : 24/08/06 12:51:35 PM
Units : ppb
Dilution : 1

#	Compound Name	Amount
1	MTBE	0
2	Benzene	0
3	TAME	62
4	Toluene	0
5	Reference	51359
6	Ethylbenzene	0
7	m/p Xylene	0
8	o Xylene	0

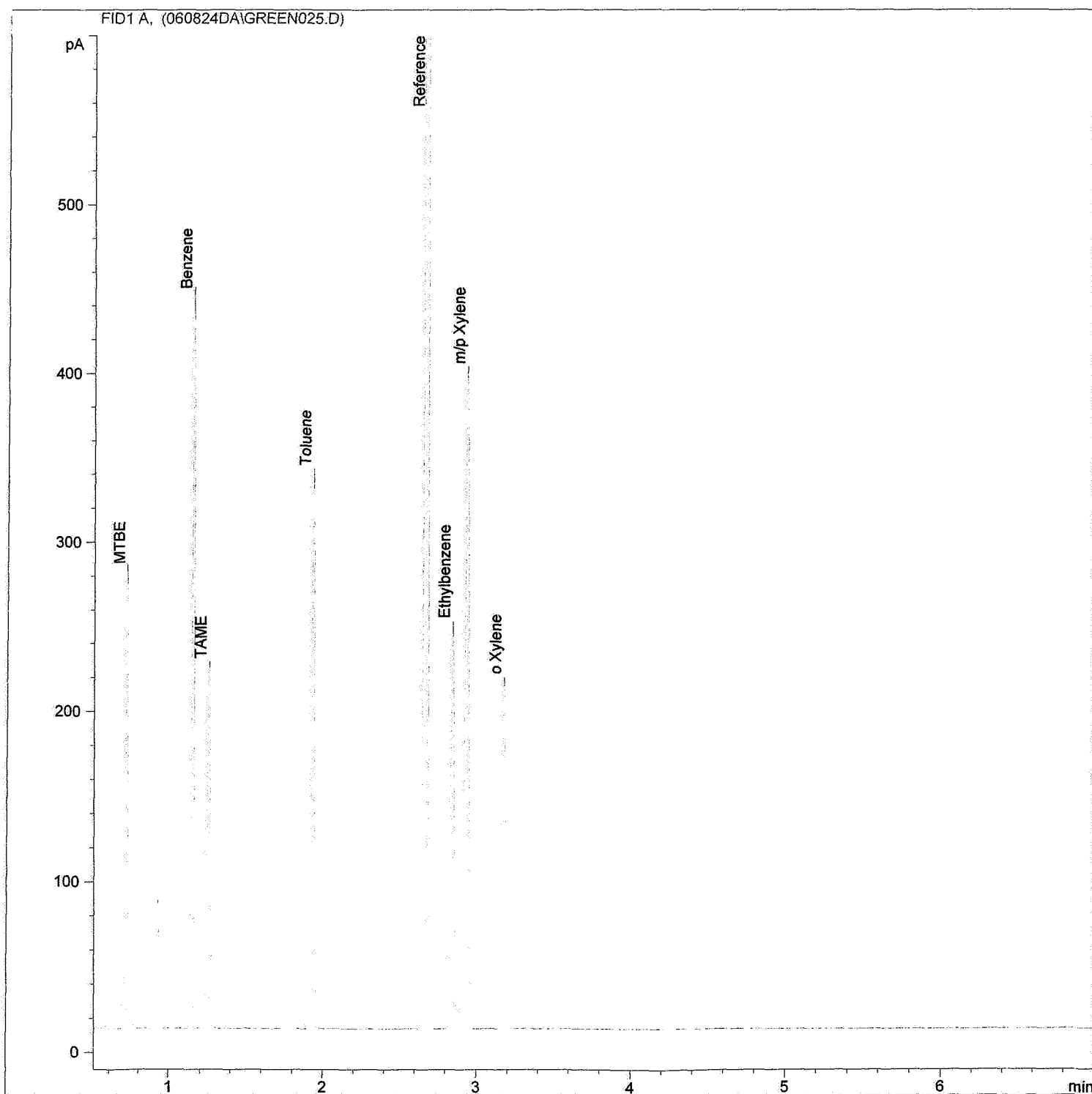


Green: Processed 25/08/06; SSC - 670

ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : BTEX AQC SOIL
Date Acquired : 24/08/06 18:29:24 PM
Units : ppb
Dilution : 1

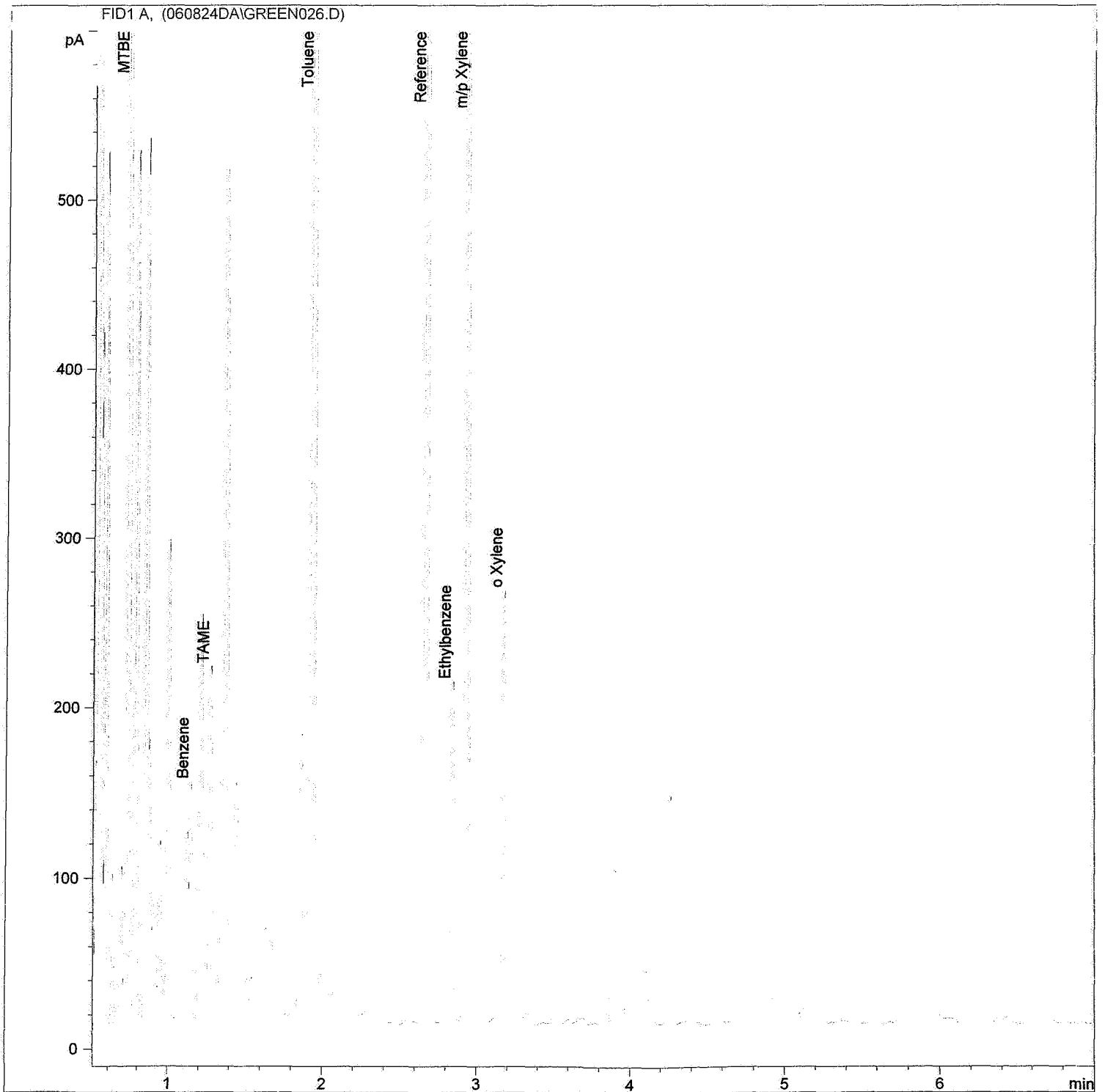
#	Compound Name	Amount
1	MTBE	5043
2	Benzene	4473
3	TAME	4641
4	Toluene	4277
5	Reference	31192
6	Ethylbenzene	3625
7	m/p Xylene	7118
8	o Xylene	3272



ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : GRO AQC SOIL
Date Acquired : 24/08/06 18:43:30 PM
Units : ppb
Dilution : 1

#	Compound Name	Amount
1	MTBE	22419
2	Benzene	1695
3	TAME	4540
4	Toluene	21651
5	Reference	21351
6	Ethylbenzene	3085
7	m/p Xylene	11762
8	o Xylene	4142

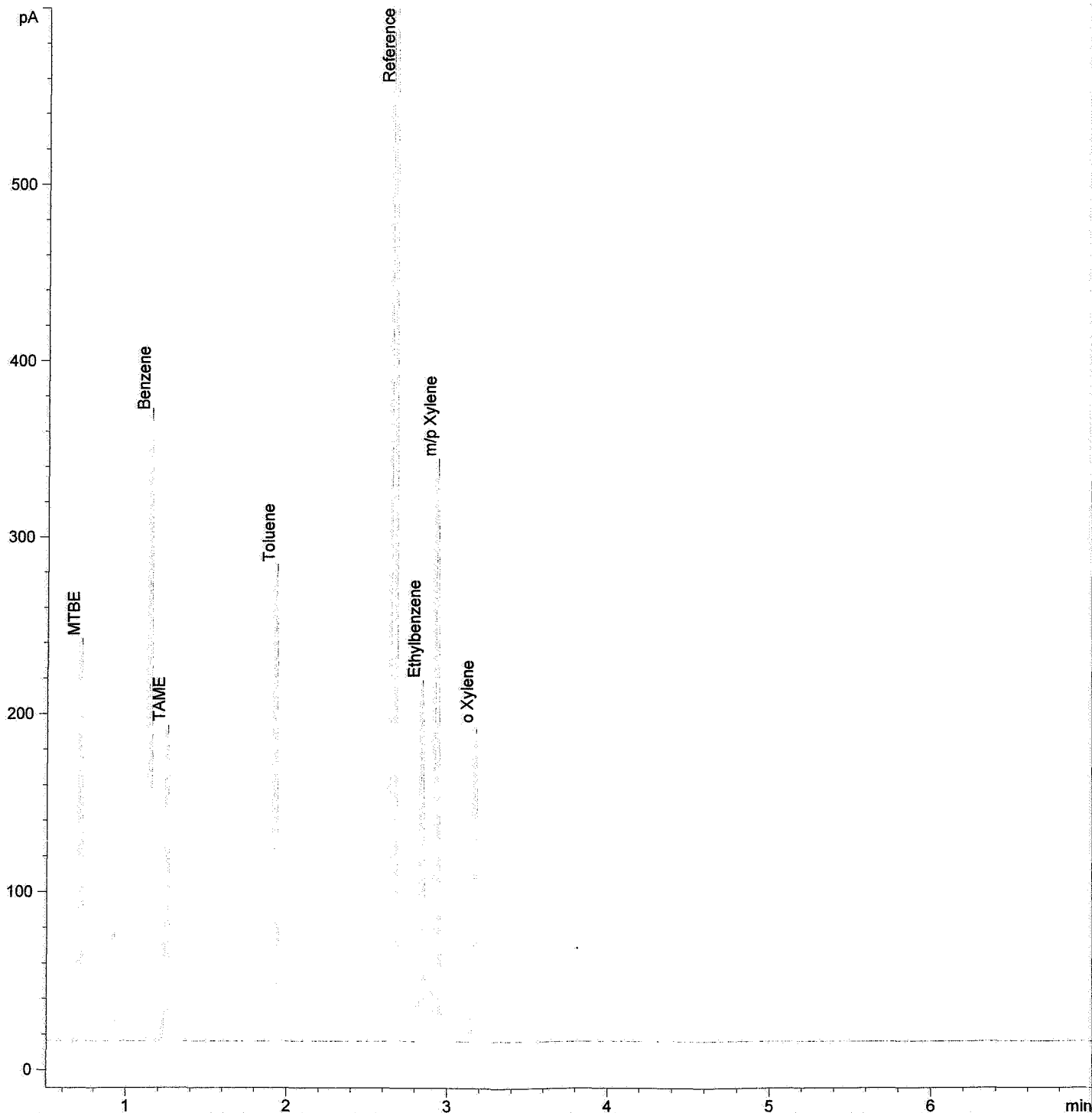


ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : BTEX AQC SOIL
Date Acquired : 24/08/06 23:50:51 PM
Units : ppb
Dilution : 1

#	Compound Name	Amount
1	MTBE	4175
2	Benzene	3672
3	TAME	3820
4	Toluene	3509
5	Reference	27176
6	Ethylbenzene	3053
7	m/p Xylene	6012
8	o Xylene	2809

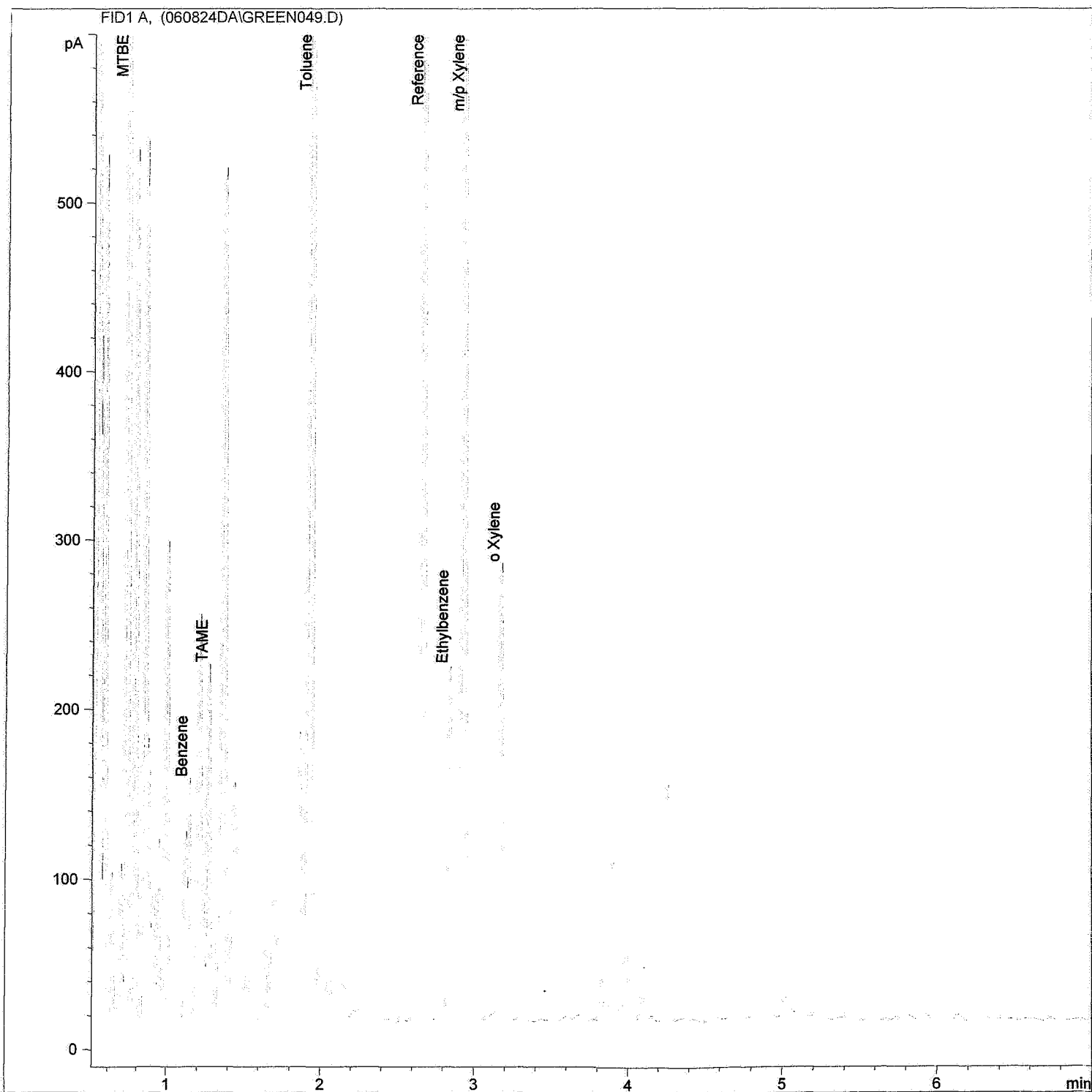
FID1 A, (060824DA\GREEN048.D)



ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : GRO AQC SOIL
Date Acquired : 25/08/06 00:04:52 PM
Units : ppb
Dilution : 1

#	Compound Name	Amount
1	MTBE	22518
2	Benzene	1726
3	TAME	4587
4	Toluene	21643
5	Reference	20427
6	Ethylbenzene	3123
7	m/p Xylene	11973
8	o Xylene	4287

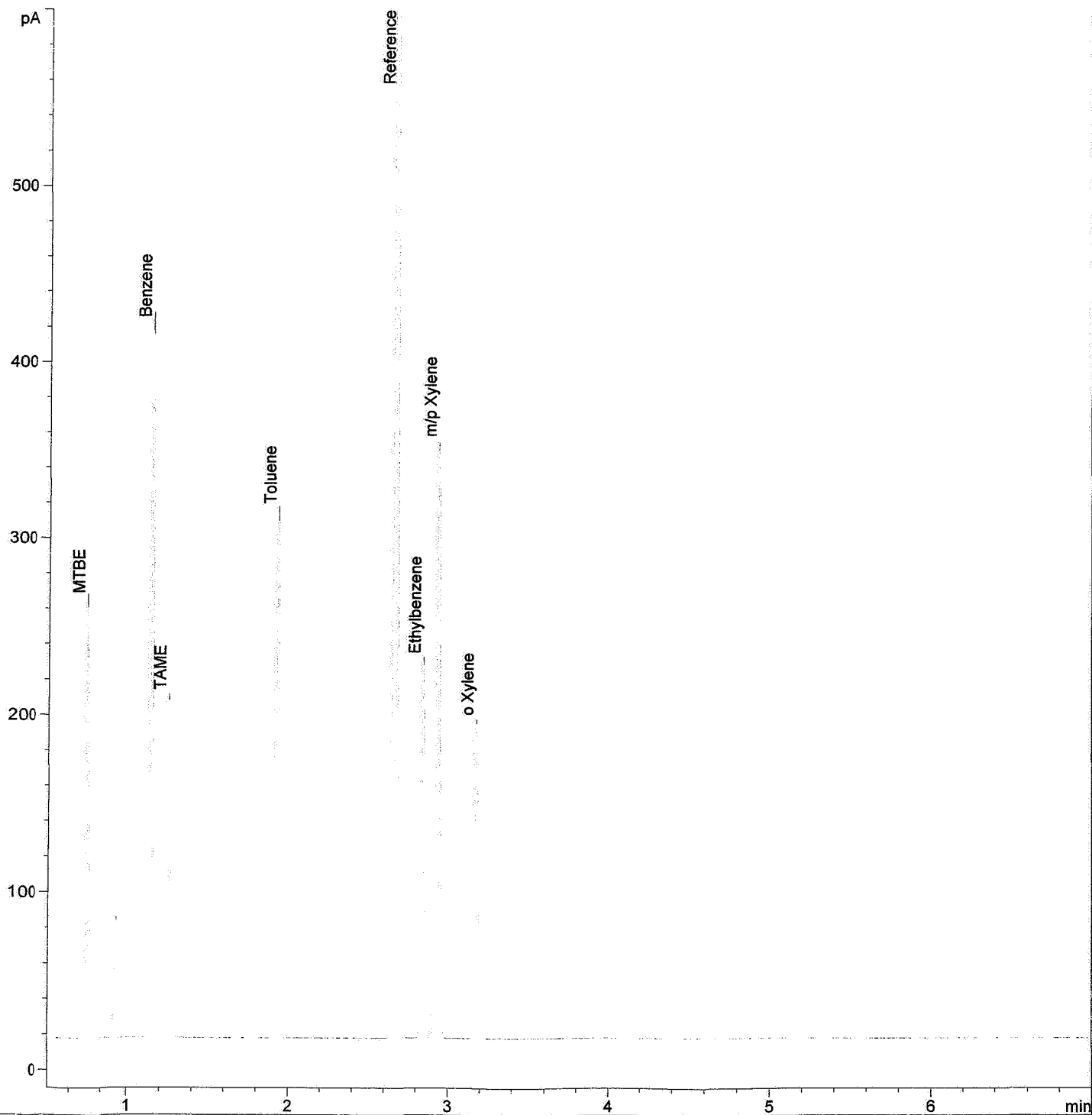


ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : BTEX AQC SOIL
Date Acquired : 25/08/06 05:26:09 PM
Units : ppb
Dilution : 1

#	Compound Name	Amount
1	MTBE	4607
2	Benzene	4207
3	TAME	4183
4	Toluene	3906
5	Reference	28879
6	Ethylbenzene	3237
7	m/p Xylene	6289
8	o Xylene	2906

FID1 A, (060824DA\GREEN072.D)

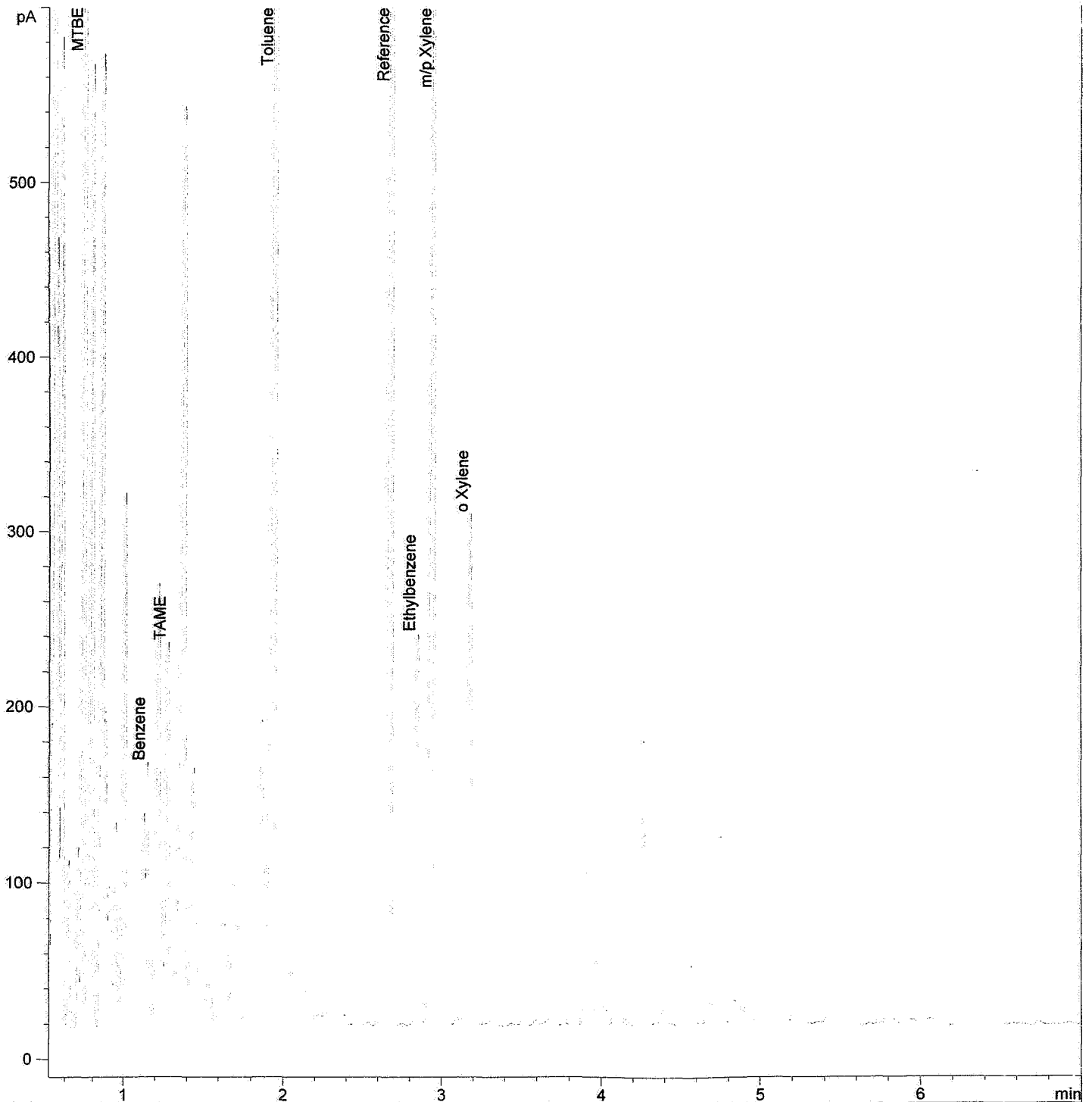


ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : GRO AQC SOIL
Date Acquired : 25/08/06 05:40:11 PM
Units : ppb
Dilution : 1

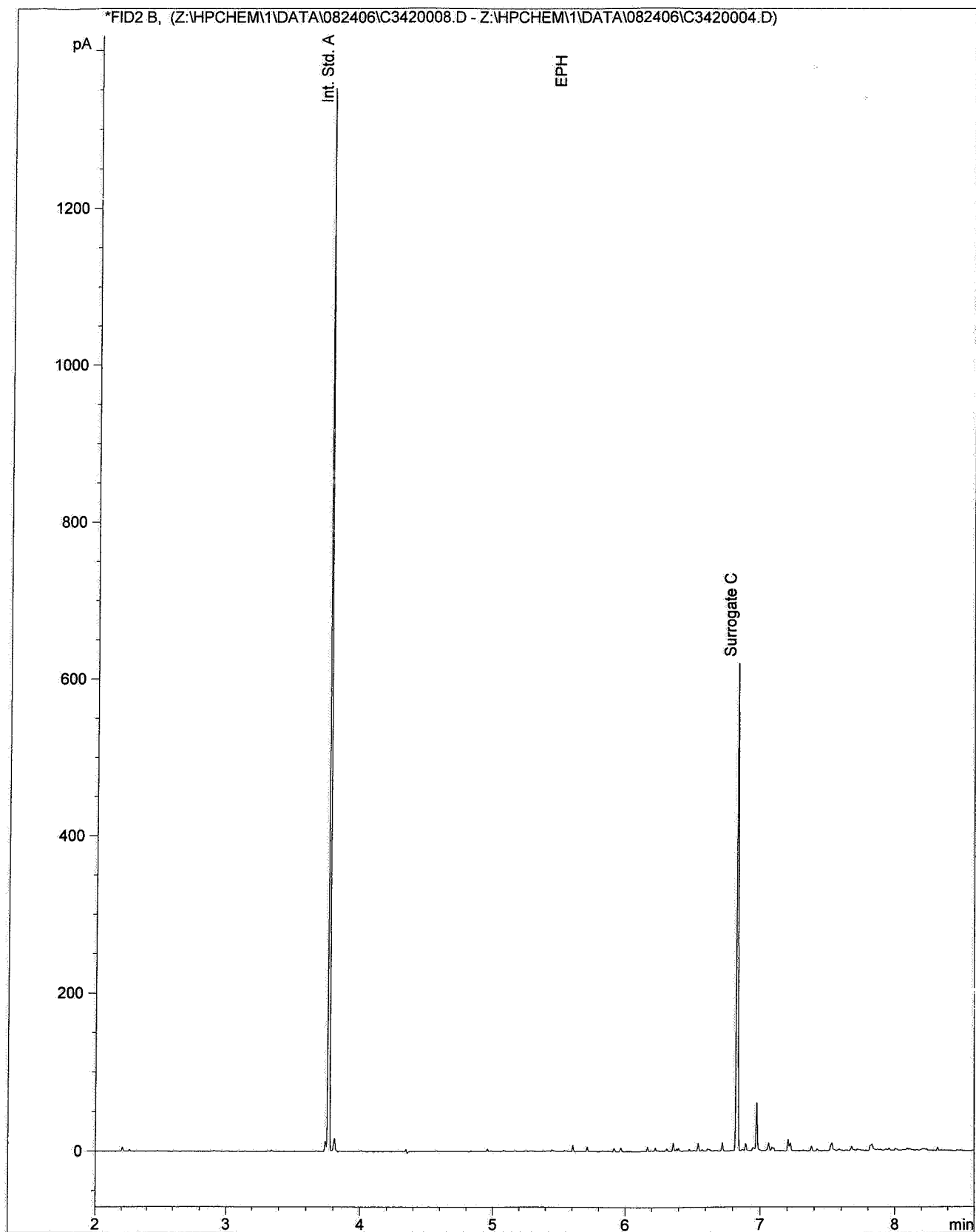
#	Compound Name	Amount
1	MTBE	24203
2	Benzene	1815
3	TAME	4814
4	Toluene	22138
5	Reference	25883
6	Ethylbenzene	3378
7	m/p Xylene	13117
8	o Xylene	4747

FID1 A, (060824DA\GREEN073.D)



Alcontrol/Geochem Analytical Services
EPH Range Organics (C10 - C40)

Sample Identity : Mcert Blk 47297
Date Acquired : 24/08/06 20:08:18 PM
Units : mg/kg
Sample Multiplier : 0.000
Dilution :



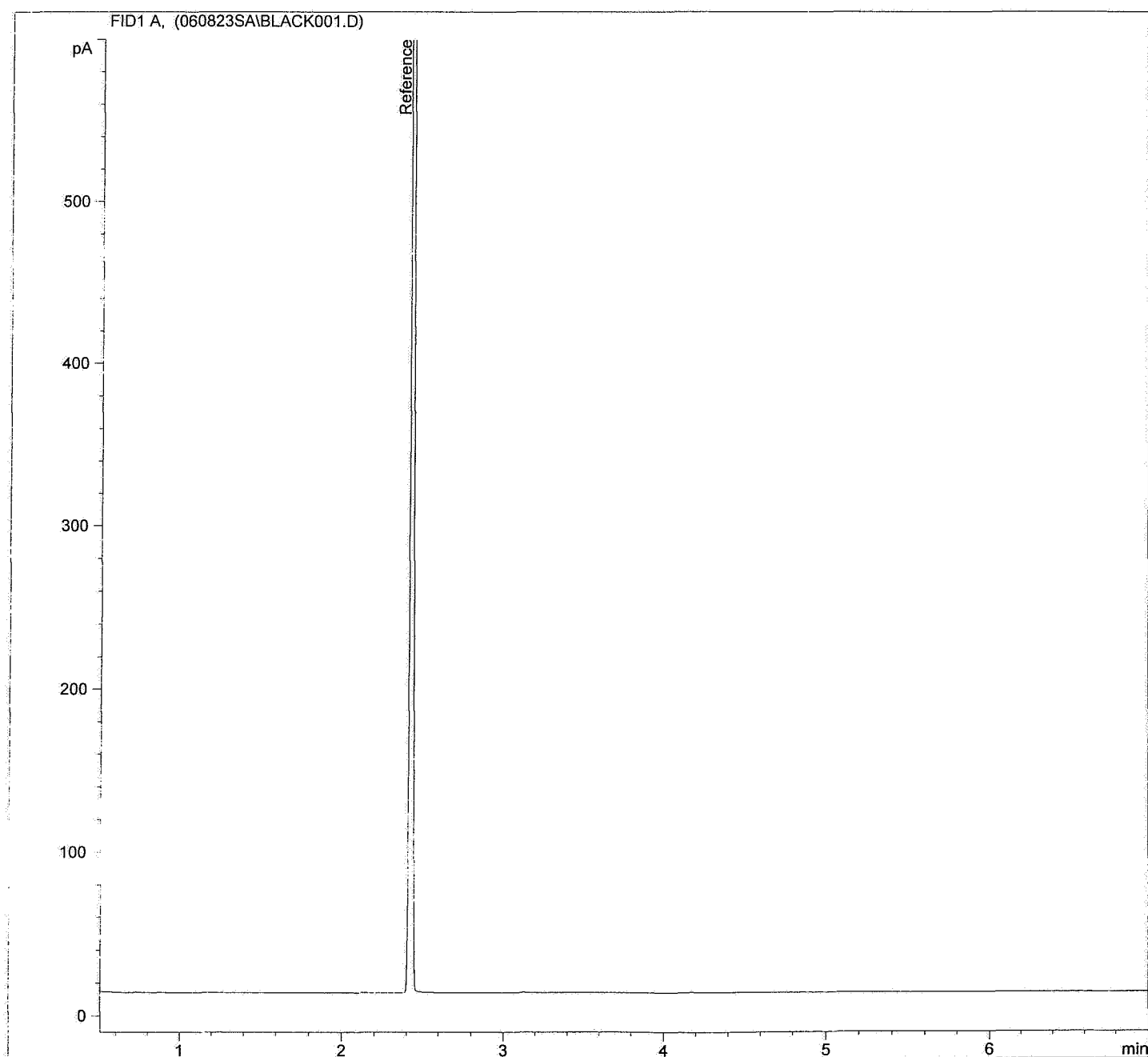
BLACK: Processed 24/8

SSC - 677

ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : BLANK WATER
Date Acquired : 23/08/06 16:06:19 PM
Units : ppb
Dilution : 1

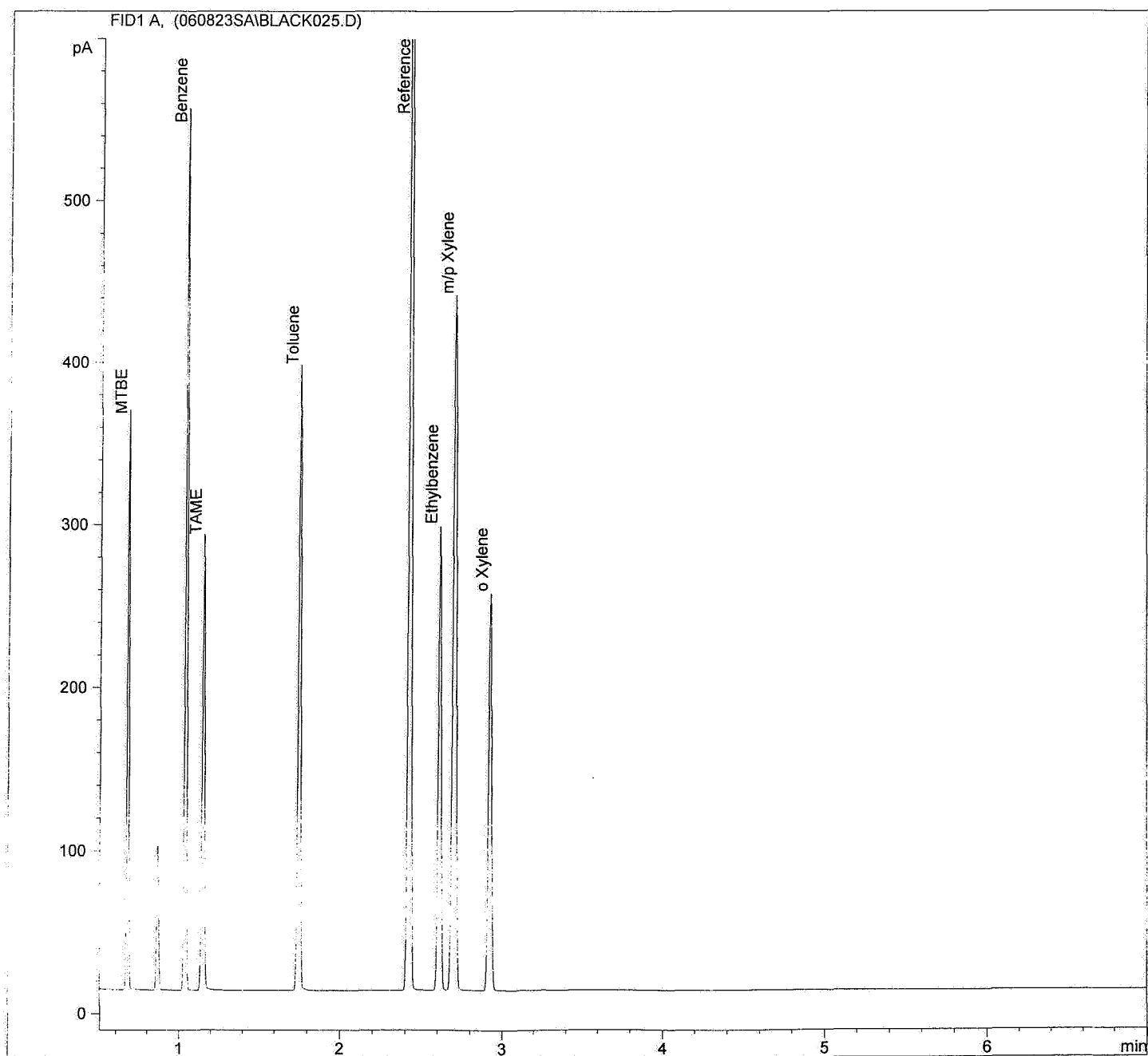
#	Compound Name	Amount
1	MTBE	0
2	Benzene	0
3	TAME	0
4	Toluene	0
5	Reference	21883
6	Ethylbenzene	0
7	m/p Xylene	0
8	o Xylene	0



ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : BTEX AQC SOIL
Date Acquired : 23/08/06 22:11:52 PM
Units : ppb
Dilution : 1

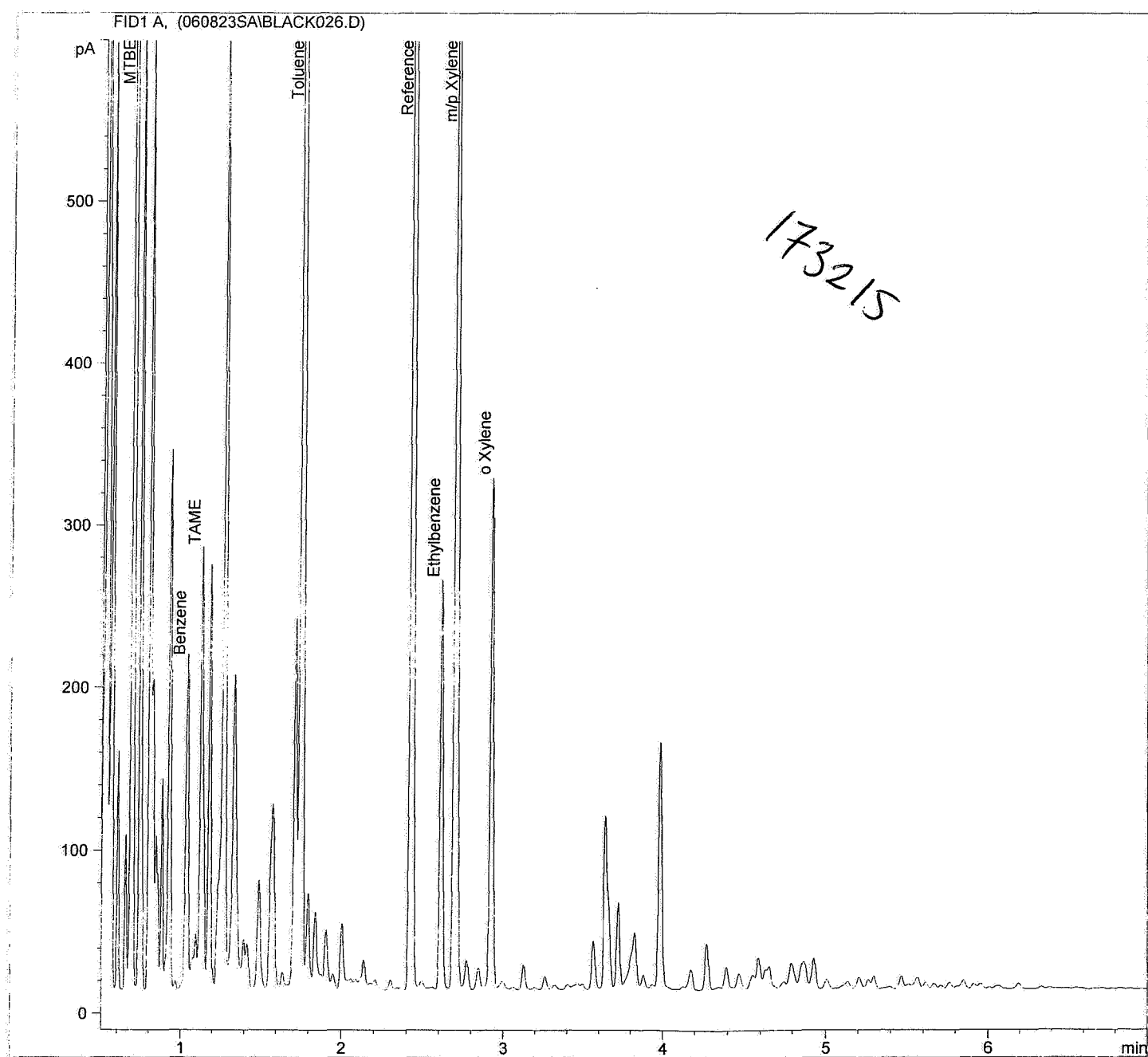
#	Compound Name	Amount
1	MTBE	4978
2	Benzene	4328
3	TAME	4383
4	Toluene	4100
5	Reference	14122
6	Ethylbenzene	3881
7	m/p Xylene	7511
8	o Xylene	3630



ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : GRO AQC SOIL
Date Acquired : 23/08/06 22:27:08 PM
Units : ppb
Dilution : 1

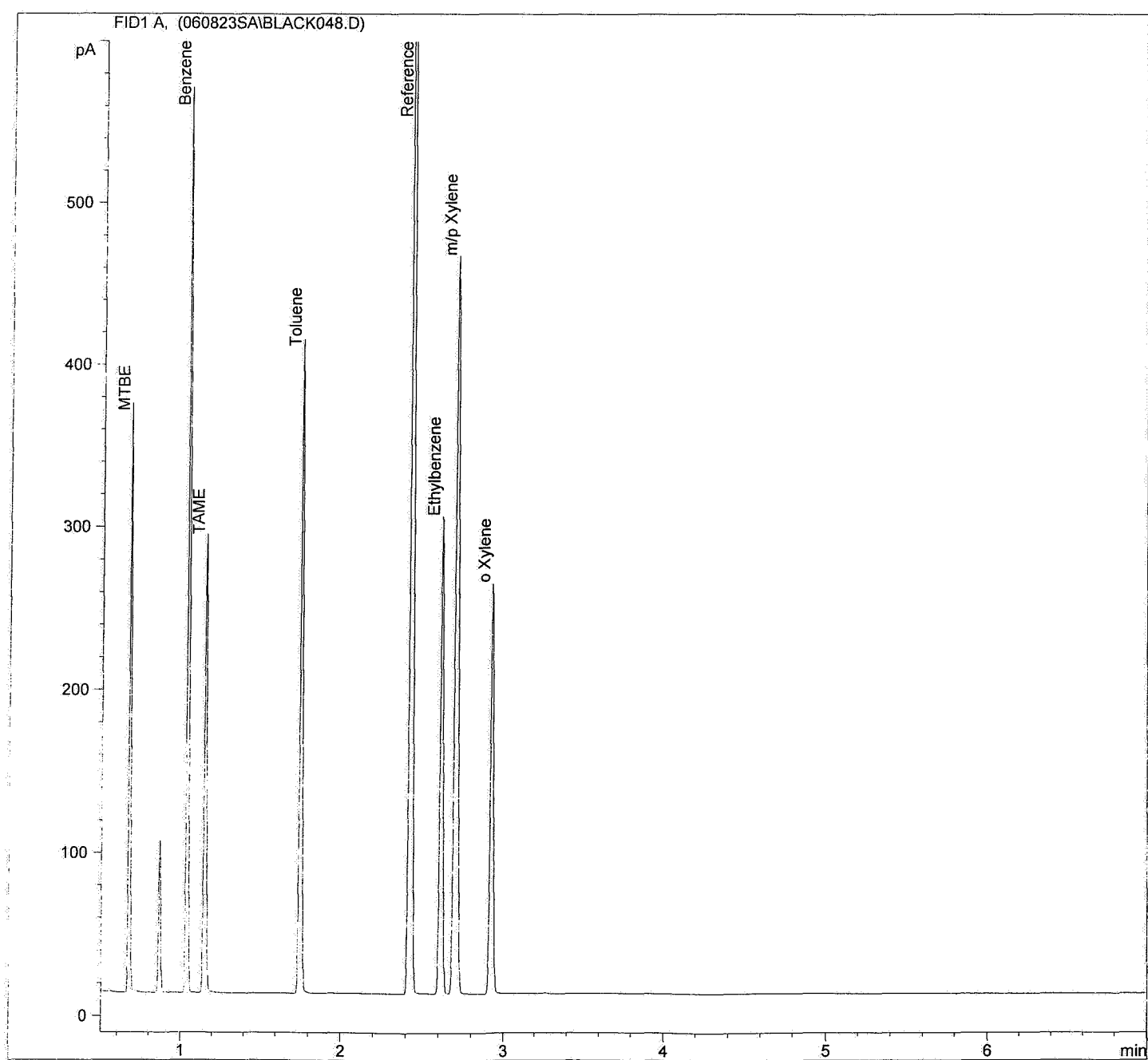
#	Compound Name	Amount
1	MTBE	21578
2	Benzene	2514
3	TAME	5775
4	Toluene	20707
5	Reference	25240
6	Ethylbenzene	3480
7	m/p Xylene	12947
8	o Xylene	4827



ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : BTEX AQC SOIL
Date Acquired : 24/08/06 04:11:17 PM
Units : ppb
Dilution : 1

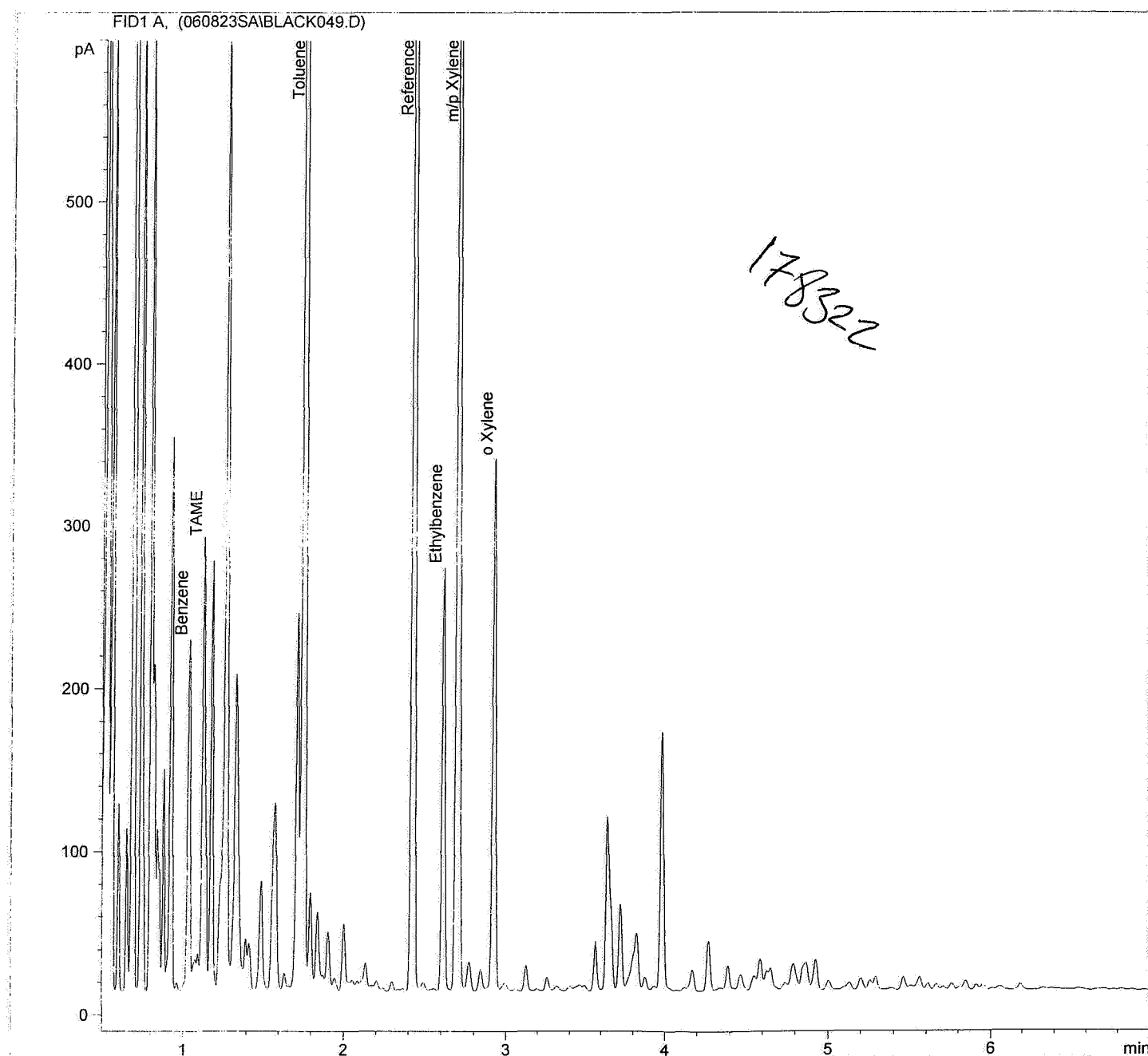
#	Compound Name	Amount
1	MTBE	5092
2	Benzene	4426
3	TAME	4459
4	Toluene	4214
5	Reference	15038
6	Ethylbenzene	4008
7	m/p Xylene	7738
8	o Xylene	3765



ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : GRO AQC SOIL
Date Acquired : 24/08/06 04:26:34 PM
Units : ppb
Dilution : 1

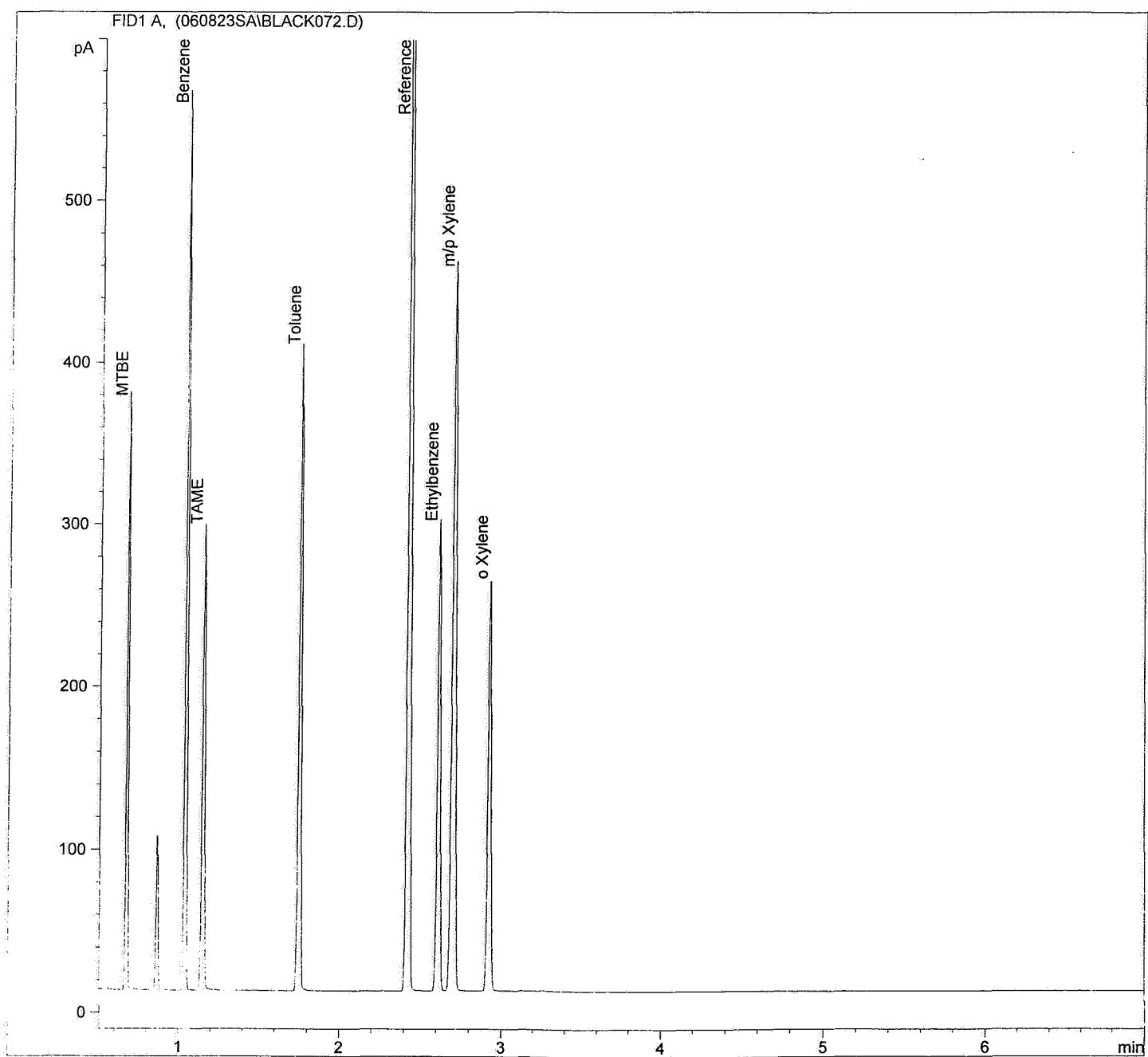
#	Compound Name	Amount
1	MTBE	0
2	Benzene	2638
3	TAME	5870
4	Toluene	21547
5	Reference	21471
6	Ethylbenzene	3597
7	m/p Xylene	13348
8	o Xylene	5047



ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : BTEX AQC SOIL
Date Acquired : 24/08/06 10:25:55 PM
Units : ppb
Dilution : 1

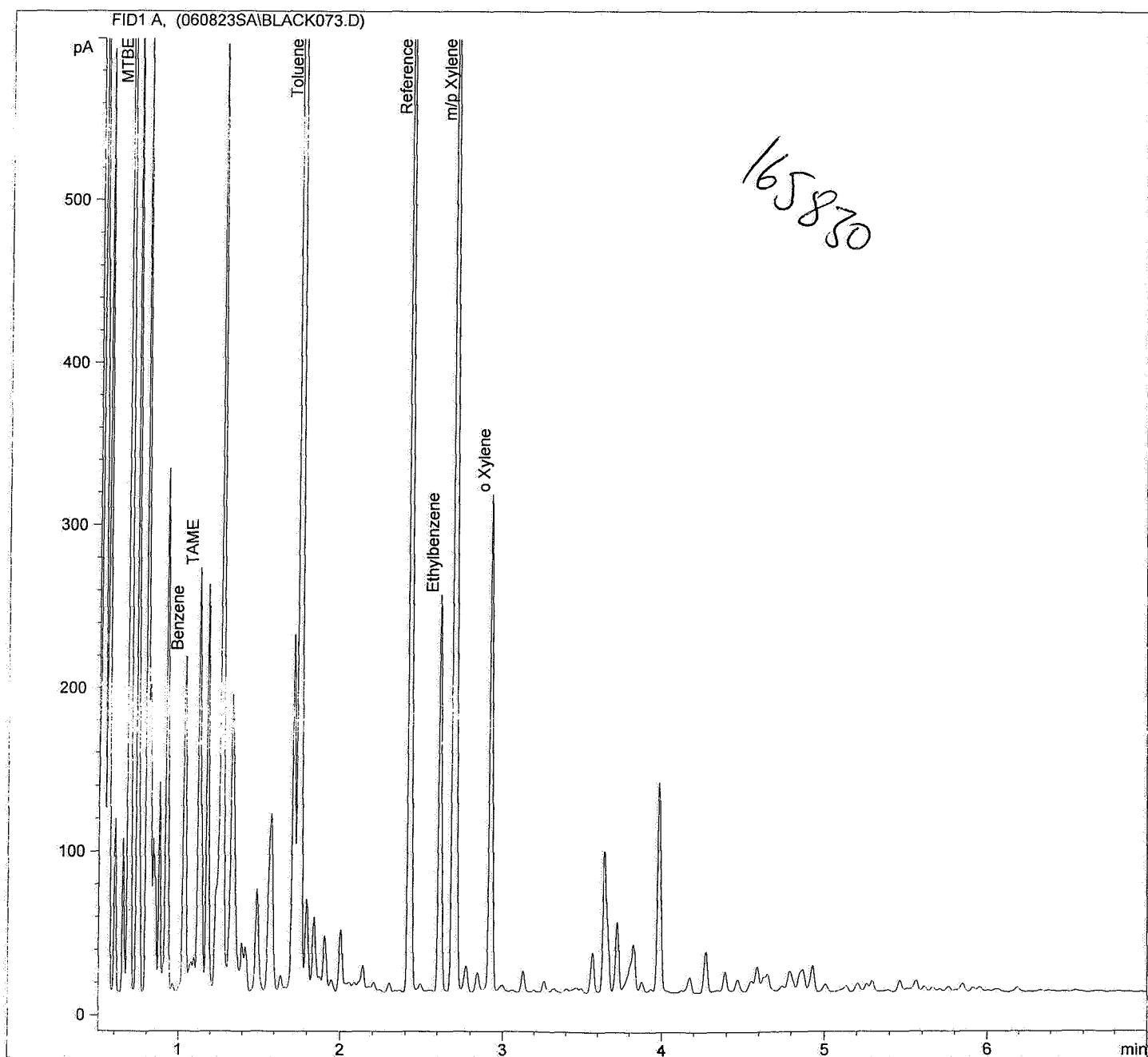
#	Compound Name	Amount
1	MTBE	5118
2	Benzene	4430
3	TAME	4502
4	Toluene	4193
5	Reference	15199
6	Ethylbenzene	3987
7	m/p Xylene	7676
8	o Xylene	3765



ALcontrol Geochem Analytical Services
Gasoline Range Organics

Sample Identity : GRO AQC SOIL
Date Acquired : 24/08/06 10:41:13 PM
Units : ppb
Dilution : 1

#	Compound Name	Amount
1	MTBE	20920
2	Benzene	2500
3	TAME	6170
4	Toluene	20820
5	Reference	14122
6	Ethylbenzene	3377
7	m/p Xylene	12334
8	o Xylene	4617



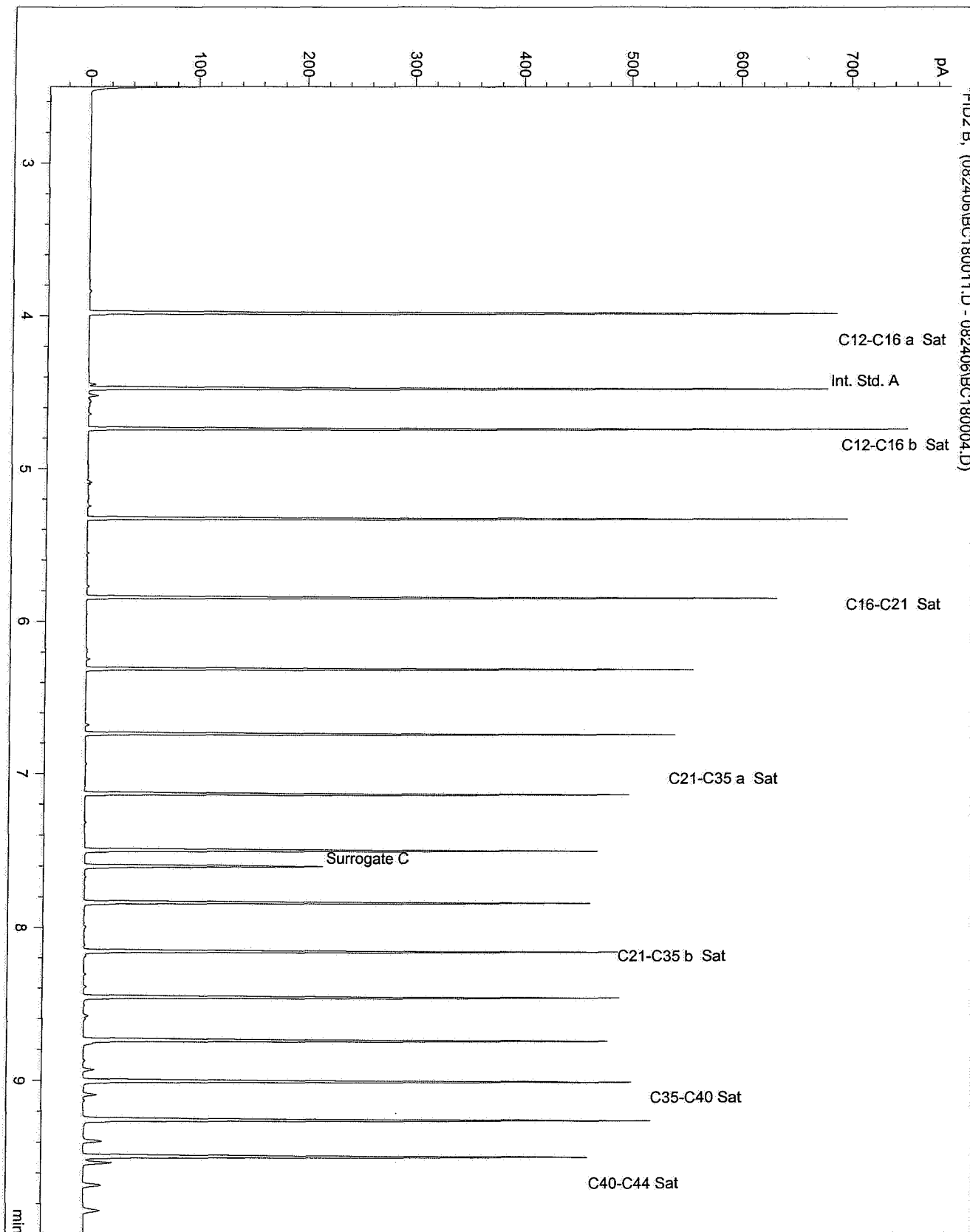
Alcontrol/Geochem Analytical Services
Speciated TPH - SATS (C12 - C40)

Sample Identity: 850 cal chk
Date Acquired : 24/08/06 20:51:35
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000

#	Compound Name	Main Peak Area	Amount
1	C12-C16 a Sat	493.1	53.518
2	Int. Std. A	451.5	50.941
3	C12-C16 b Sat	482.6	54.074
4	C16-C21 Sat	1207.3	157.674
5	C21-C35 a Sat	1023.2	154.618
6	Surrogate C	177.9	29.450
7	C21-C35 b Sat	1469.8	208.822
8	C35-C40 Sat	855.1	60.740
9	C40-C44 Sat	475.5	16.890
	Total Peak Area	6636.0	

Alcontrol/Geochem Analytical Services
Speciated TPH - SATS (C12 - C40)

Sample Identity: 850 cal chk
Date Acquired : 24/08/06 20:51:35
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000



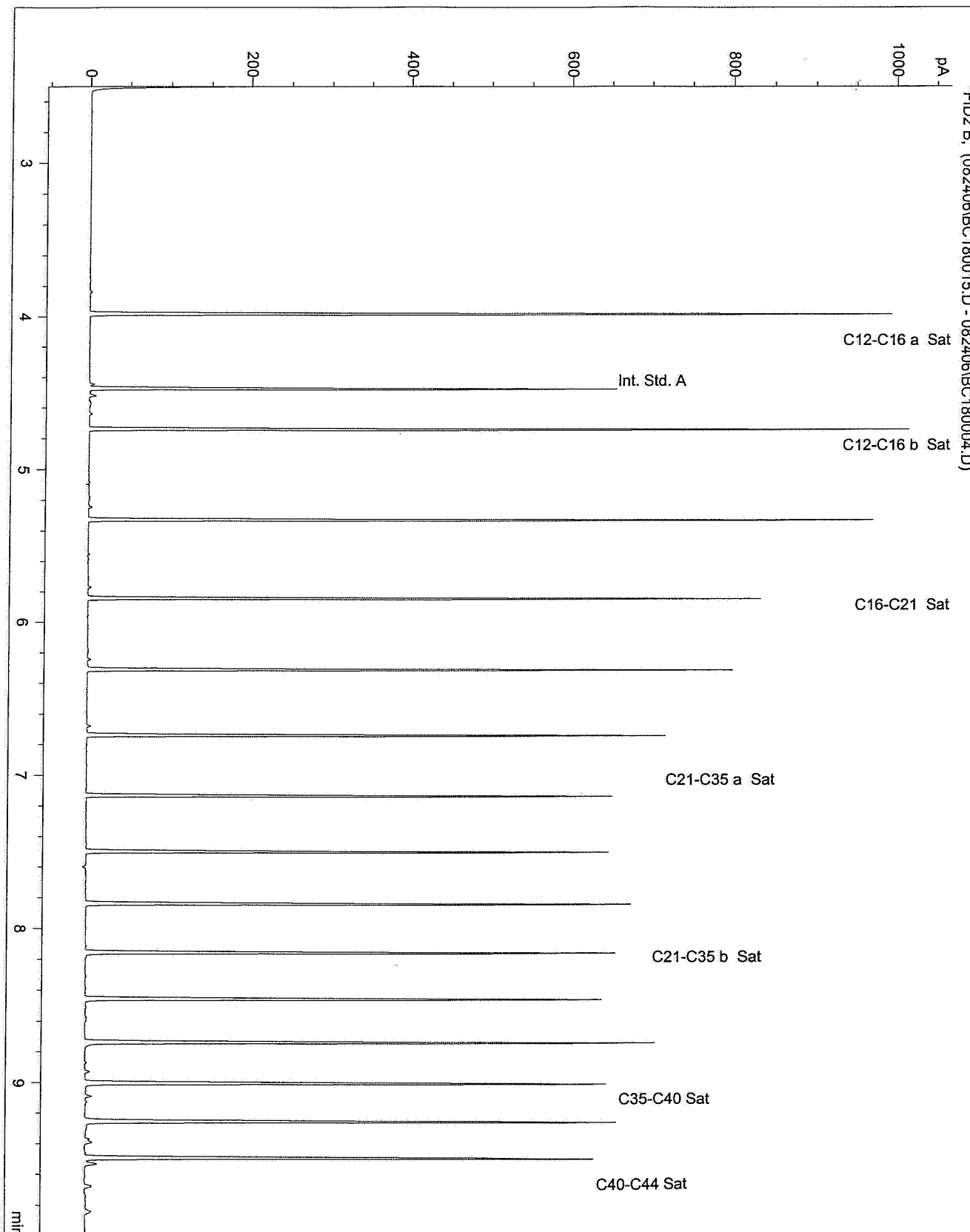
Alcontrol/Geochem Analytical Services
Speciated TPH - SATS (C12 - C40)

Sample Identity: IAQC 1275
Date Acquired : 24/08/06 22:25:01
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000

#	Compound Name	Main Peak Area	Amount
1	C12-C16 a Sat	692.9	75.206
2	Int. Std. A	433.8	48.949
3	C12-C16 b Sat	668.3	74.881
4	C16-C21 Sat	1700.6	222.105
5	C21-C35 a Sat	1443.6	218.138
6	Surrogate C	0.0	0.000
7	C21-C35 b Sat	2035.9	289.237
8	C35-C40 Sat	1160.2	82.418
9	C40-C44 Sat	594.3	21.108
	Total Peak Area	8729.5	

Alcontrol/Geochem Analytical Services
Speciated TPH - SATS (C12 - C40)

Sample Identity: IAQC 1275
Date Acquired : 24/08/06 22:25:01
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000



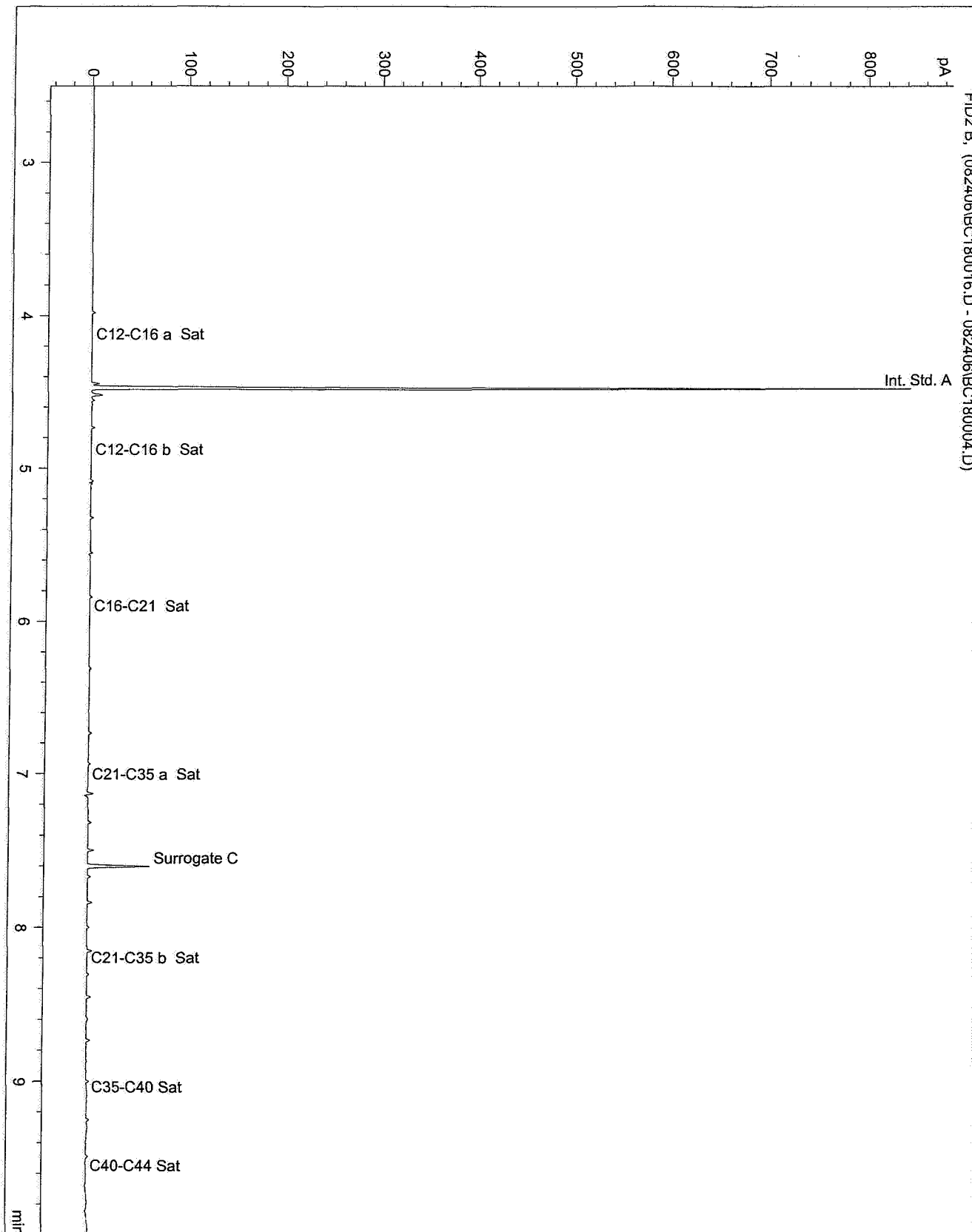
Alcontrol/Geochem Analytical Services
Speciated TPH - SATS (C12 - C40)

Sample Identity: W47408 BLK
Date Acquired : 24/08/06 22:43:40
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000

#	Compound Name	Main Peak Area	Amount
1	C12-C16 a Sat	0.5	0.059
2	Int. Std. A	562.6	63.476
3	C12-C16 b Sat	0.7	0.081
4	C16-C21 Sat	0.7	0.095
5	C21-C35 a Sat	0.8	0.123
6	Surrogate C	52.0	8.609
7	C21-C35 b Sat	0.9	0.123
8	C35-C40 Sat	1.9	0.137
9	C40-C44 Sat	1.5	0.053
	Total Peak Area	621.7	

Alcontrol/Geochem Analytical Services
Speciated TPH - SATS (C12 - C40)

Sample Identity: W47408 BLK
Date Acquired : 24/08/06 22:43:40
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000



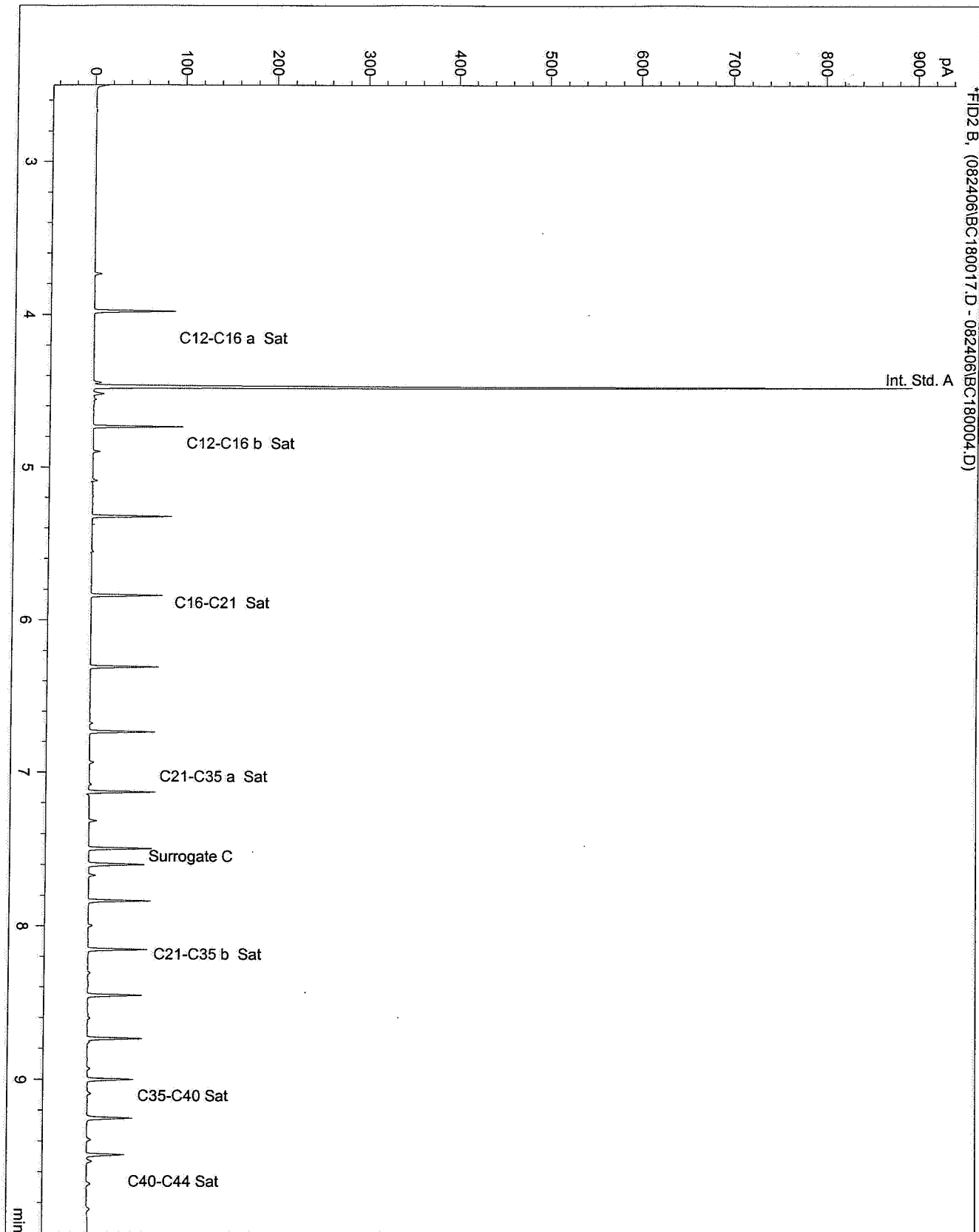
Alcontrol/Geochem Analytical Services
Speciated TPH - SATS (C12 - C40)

Sample Identity: W47408 STD
Date Acquired : 24/08/06 23:02:15
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000

#	Compound Name	Main Peak Area	Amount
1	C12-C16 a Sat	67.6	7.342
2	Int. Std. A	599.3	67.613
3	C12-C16 b Sat	85.8	9.619
4	C16-C21 Sat	159.4	20.823
5	C21-C35 a Sat	157.5	23.796
6	Surrogate C	50.1	8.284
7	C21-C35 b Sat	221.4	31.462
8	C35-C40 Sat	116.0	8.242
9	C40-C44 Sat	70.9	2.517
	Total Peak Area	1528.0	

Alcontrol/Geochem Analytical Services
Speciated TPH - SATS (C12 - C40)

Sample Identity: W47408 STD
Date Acquired : 24/08/06 23:02:15
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000



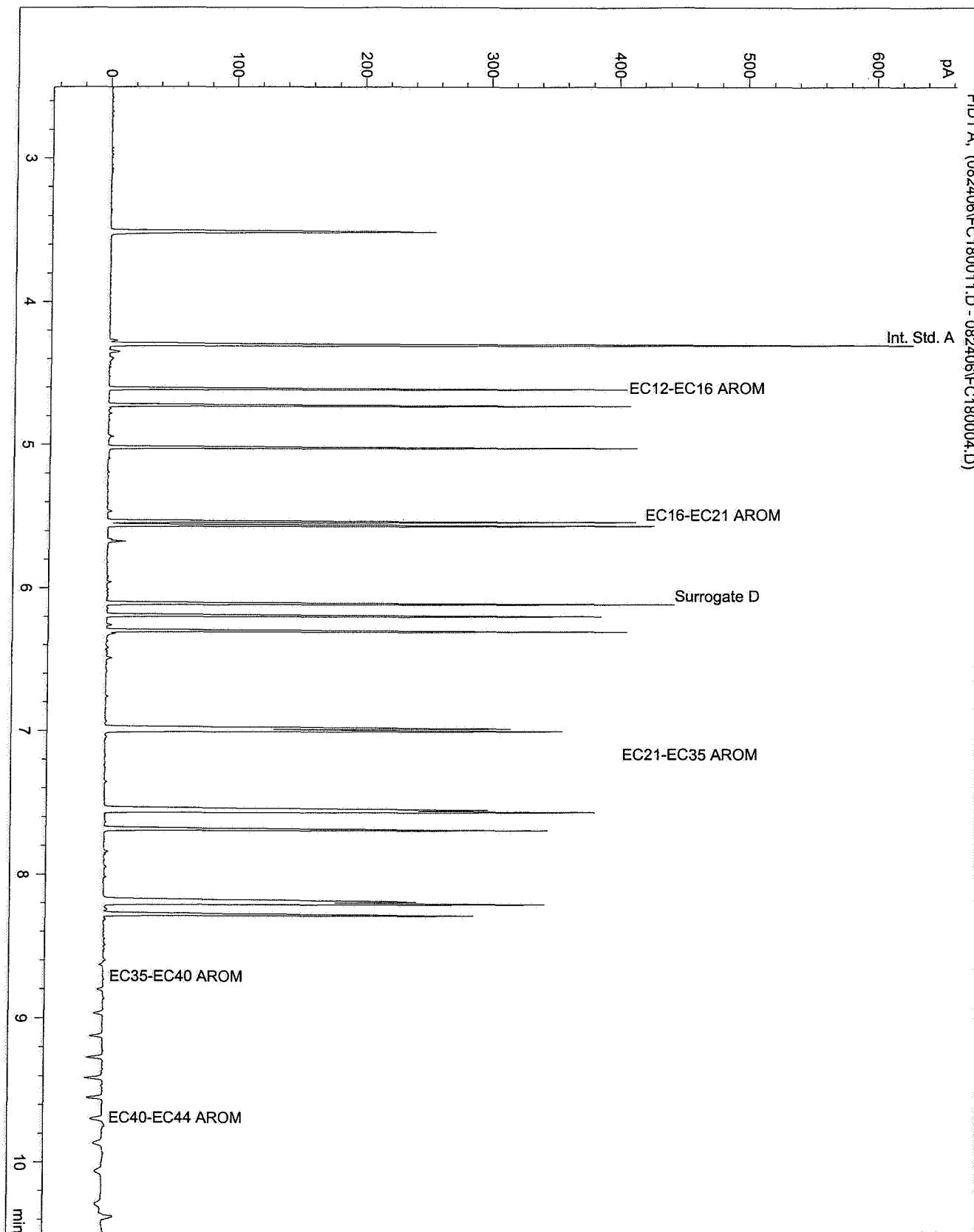
Alcontrol/Geochem Analytical Services
Speciated TPH - AROM (C12 - C40)

Sample Identity: 400 cal chk
Date Acquired : 24/08/06 20:51:35
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000

#	Compound Name	Main Peak Area	Amount
1	Int. Std. A	433.0	49.399
2	EC12-EC16 AROM	516.9	52.399
3	EC16-EC21 AROM	798.4	77.384
4	Surrogate D	285.5	30.077
5	EC21-EC35 AROM	2630.9	252.332
6	EC35-EC40 AROM	18.7	1.790
7	EC40-EC44 AROM	2.3	0.220
	Total Peak Area	4685.6	

Alcontrol/Geochem Analytical Services
Speciated TPH - AROM (C12 - C40)

Sample Identity: 400 cal chk
Date Acquired : 24/08/06 20:51:35
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000



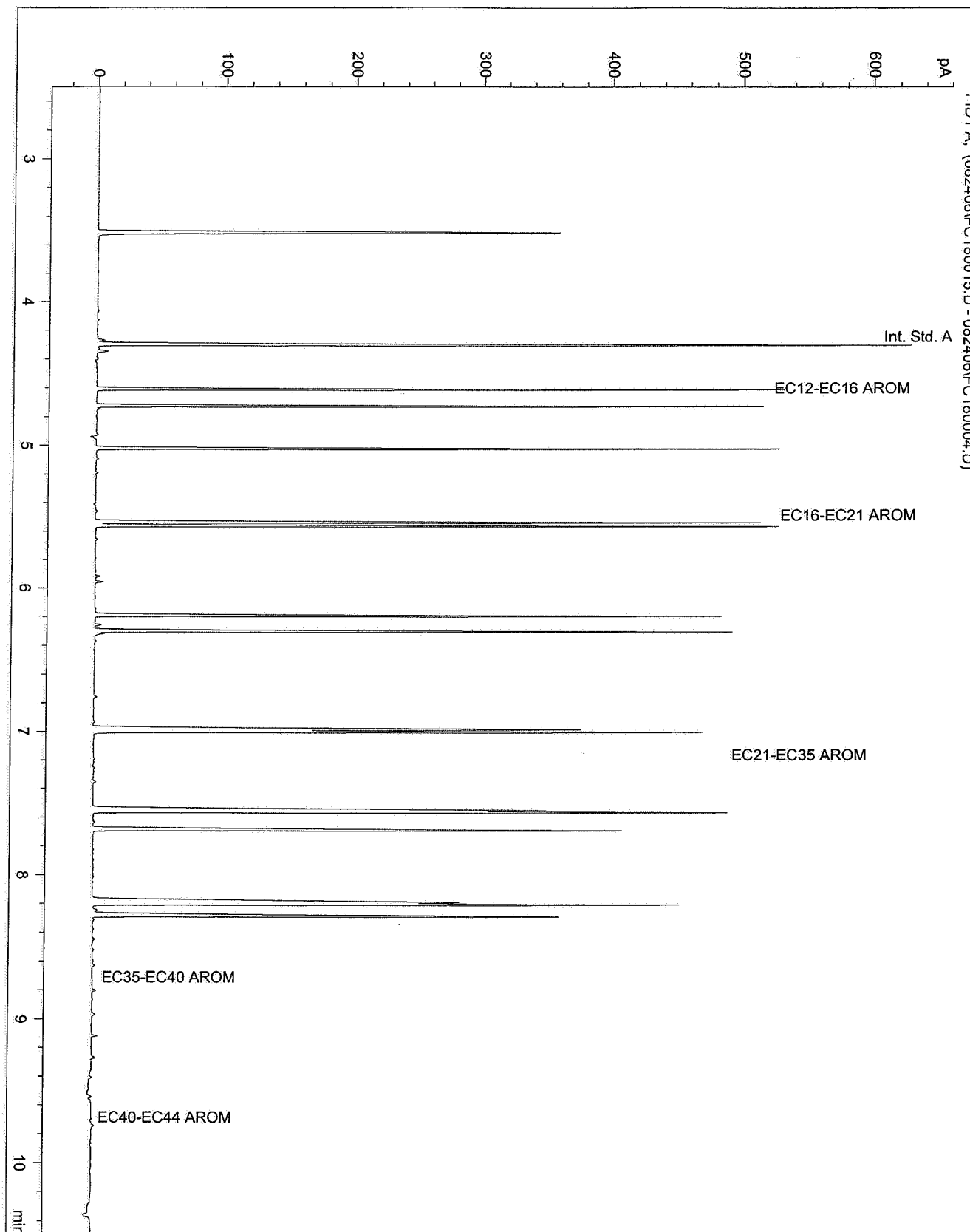
Alcontrol/Geochem Analytical Services
Speciated TPH - AROM (C12 - C40)

Sample Identity: IAQC 520
Date Acquired : 24/08/06 22:25:02
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000

#	Compound Name	Main Peak Area	Amount
1	Int. Std. A	437.6	49.925
2	EC12-EC16 AROM	636.4	64.516
3	EC16-EC21 AROM	982.9	95.270
4	Surrogate D	0.0	0.000
5	EC21-EC35 AROM	3327.4	319.137
6	EC35-EC40 AROM	32.4	3.111
7	EC40-EC44 AROM	1.8	0.170
	Total Peak Area	5418.5	

Alcontrol/Geochem Analytical Services
Speciated TPH - AROM (C12 - C40)

Sample Identity: IAQC 520
Date Acquired : 24/08/06 22:25:02
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000



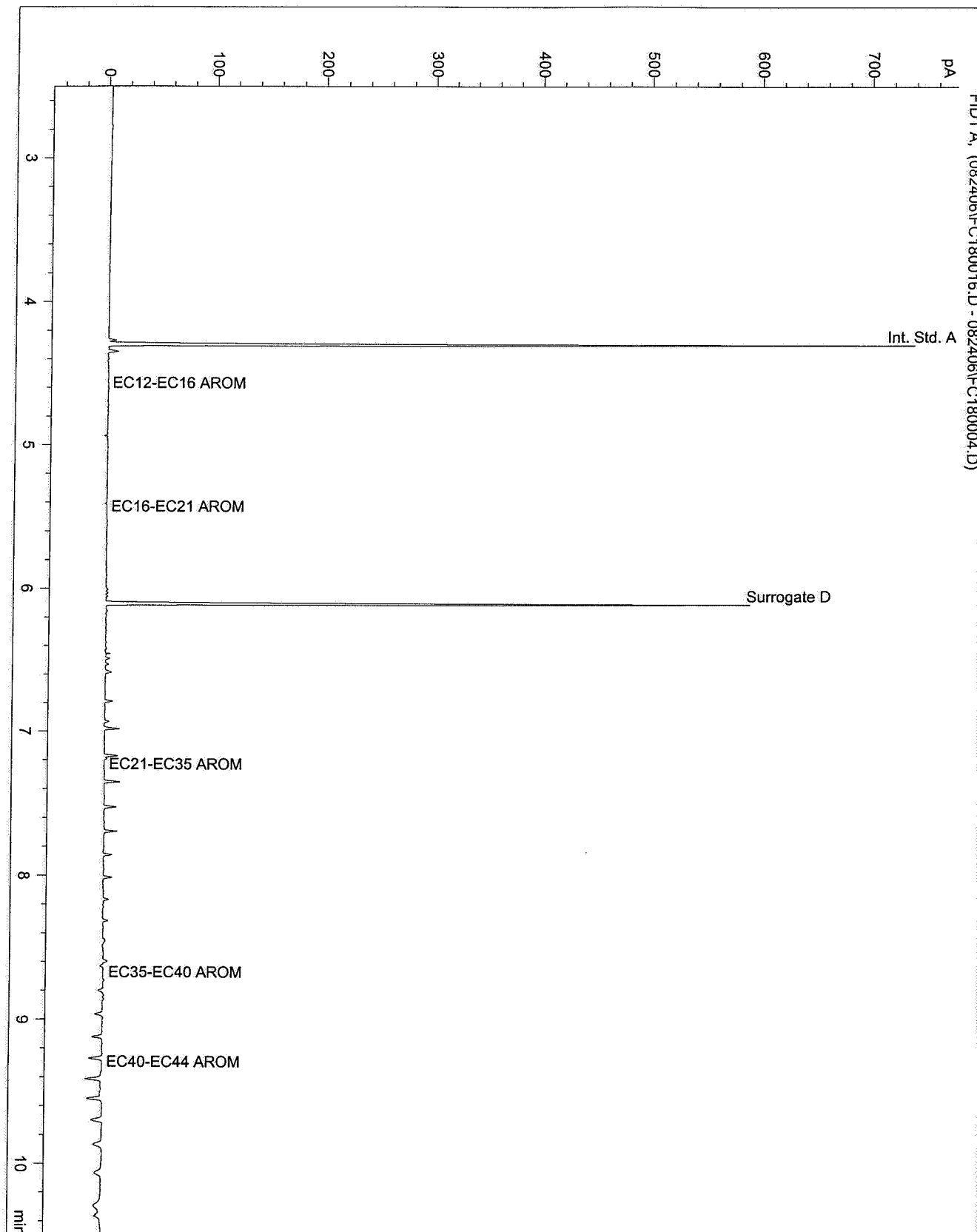
Alcontrol/Geochem Analytical Services
Speciated TPH - AROM (C12 - C40)

Sample Identity: W47408 BLK
Date Acquired : 24/08/06 22:43:39
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000

#	Compound Name	Main Peak Area	Amount
1	Int. Std. A	509.4	58.116
2	EC12-EC16 AROM	2.2	0.219
3	EC16-EC21 AROM	1.1	0.105
4	Surrogate D	394.4	41.548
5	EC21-EC35 AROM	1.5	0.141
6	EC35-EC40 AROM	2.8	0.269
7	EC40-EC44 AROM	3.3	0.312
	Total Peak Area	914.7	

Alcontrol/Geochem Analytical Services
Speciated TPH - AROM (C12 - C40)

Sample Identity: W47408 BLK
Date Acquired : 24/08/06 22:43:39
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000



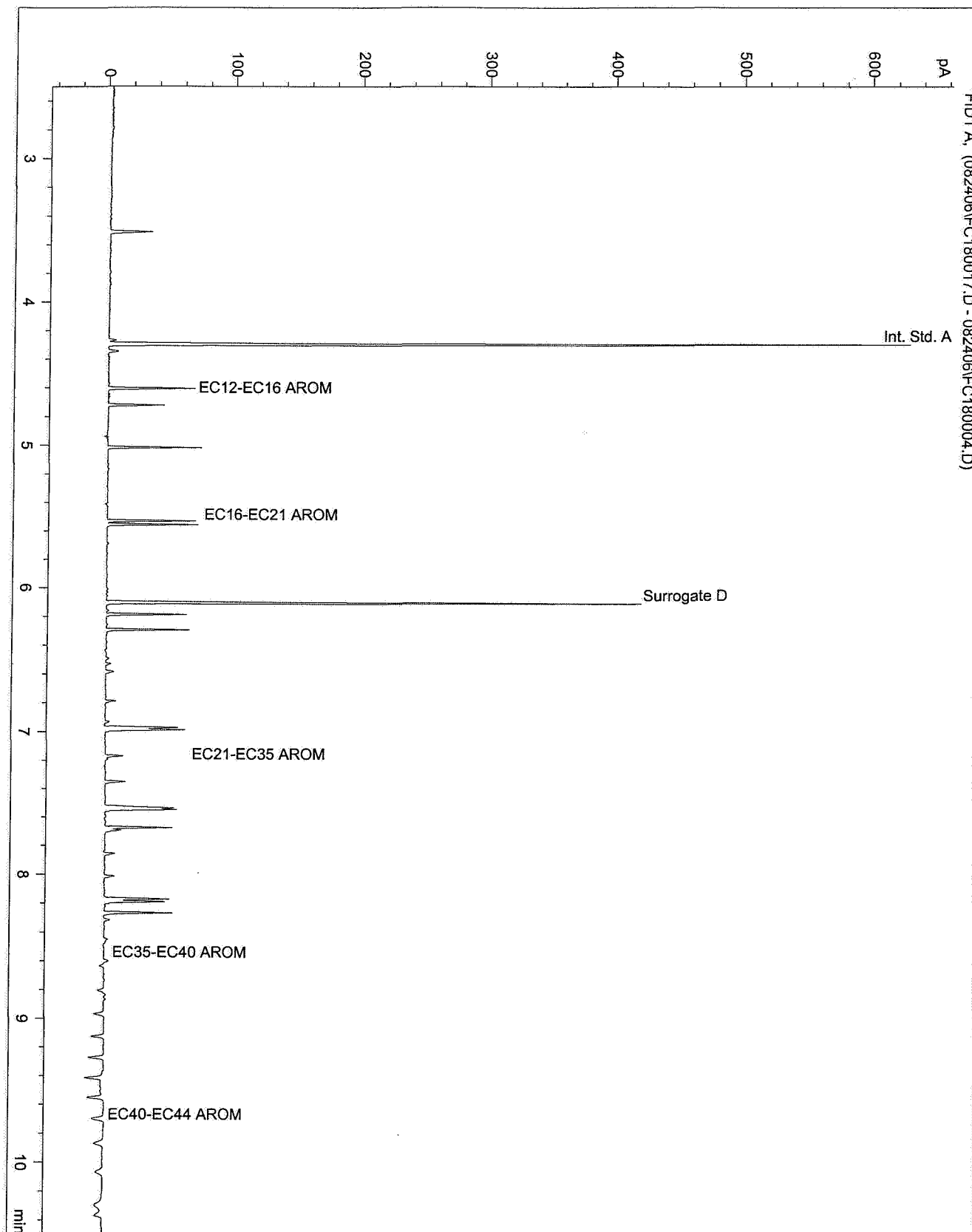
Alcontrol/Geochem Analytical Services
Speciated TPH - AROM (C12 - C40)

Sample Identity: W47408 STD
Date Acquired : 24/08/06 23:02:14
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000

#	Compound Name	Main Peak Area	Amount
1	Int. Std. A	435.9	49.728
2	EC12-EC16 AROM	80.5	8.158
3	EC16-EC21 AROM	129.7	12.567
4	Surrogate D	263.8	27.788
5	EC21-EC35 AROM	469.3	45.011
6	EC35-EC40 AROM	4.4	0.421
7	EC40-EC44 AROM	0.1	0.014
	Total Peak Area	1383.7	

Alcontrol/Geochem Analytical Services
Speciated TPH - AROM (C12 - C40)

Sample Identity: W47408 STD
Date Acquired : 24/08/06 23:02:14
Units : ppb
Dilution :
CF : 1
Multiplier : 1.000



Alcontrol Geochem

SVOC Tentatively Identified Compounds

Job Number	-	NA
Client	-	NA
Sample Identity	-	10ppm AQC
Sample Type [Units]	-	µg/ml
Date Acquired	-	25/08/06
Date Reported	-	28/08/06

[illegible]

SVOC Tentatively Identified Compounds

Job Number	-	NA
Client	-	NA
Sample Identity	-	Soil Blk
Sample Type [Units]	-	µg/kg
Date Acquired	-	25/08/06
Date Reported	-	28/08/06

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