PROJECT ID: PMN06011997

SAMPLE ID: ~~NO SAMPLE ID~~ PN6

DESCRIPTOR: PESTICIDE MONITORING NETWORK

A. R. Hanks
State Chemist & Seed Commissioner

R. J. Noel
Associate State Chemist & Laboratory Director

R. L. Geiger
Feed Administrator

D. B. Groves
Chief Inspector & Auditor

Office of
INDIANA STATE CHEMIST AND SEED COMMISSIONER
Purdue University • 1154 Biochemistry
West Lafayette, IN 47907-1154
(765) 494-1492 • Fax (765) 494-4331

M. R. Hancock
Fertilizer Administrator

L. W. Nees
Seed Administrator

D. E. Scott
Pesticide Administrator

C. L. Wiese
Accounting & Administrative Assistant

12/14/01

Mr. Mitt Denney
Indiana Department of Environmental Management
Ground Water Section
100 N. Senate Ave
Indianapolis, IN 46206-6015

Dear Mr. Denney,

Enclosed is the completed data packet for OISC lab batch 132. Samples that are included in this batch are IDEM sample number DK17488, DK17313, DK17314, DK17315, DK17316, DK17317, DK17318, DK17319, DK17320, DK17321, DK13867, DK13868, DK13869, DK13870, DK13871, DK17107, DK17108, DK17096 and the appropriate QC samples outlined in the BAA. Also enclosed is the bill for batch 132. Please make sure to enclose the payment voucher when remitting payment.

If you have any questions regarding the data, the format of the data packet or the bill, please do not hesitate to contact me.

Sincerely,

David Scott
Pesticide Administrator

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Drinking Water Branch

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Sample Analysis Summary

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK17488	Date of Sampling:	06-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2263	Date Received by Lab:	06-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	0.0	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.8	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK17313	Date of Sampling:	04-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2264	Date Received by Lab:	07-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.8	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK17314	Date of Sampling:	04-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2265	Date Received by Lab:	07-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.2	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.7	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.3	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK17315	Date of Sampling:	04-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2266	Date Received by Lab:	07-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.3	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.7	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.3	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK17316	Date of Sampling:	04-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2267	Date Received by Lab:	07-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.8	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.5	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information		Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number: GWSOISC PO Number: OISC-132	IDEM Sample Number: Lab Sample Number: Sample Type: Well ID Number: Lab Batch Number:	DK17317 2268 Water Sample N/A 132	Date of Sampling: Date Received by Lab: Date Reported:	04-Nov-2000 07-Nov-2000 13-Dec-2001

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	0.1	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.8	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.5	Surrogate	ng/uL	1.6
2,4-DP	120-36-5	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.2	ug/L	N/A
Dicamba	1918-00-9	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.1	ug/L	N/A
Picloram	1918-02-1	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.1	ug/L	N/A
Bentazon	25057-89-0	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.05	ug/L	N/A
Acifluorfen	50594-66-6	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.2	ug/L	N/A
MCPP	7085-19-0	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.3	ug/L	N/A
2,4,5-T	93-76-5	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.1	Surrogate	ug/L	3.6
MCPA	94-74-6	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.2	ug/L	N/A
2,4-D	94-75-7	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.1	ug/L	N/A
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information		Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number: GWSOISC PO Number: OISC-132	IDEM Sample Number: Lab Sample Number: Sample Type: Well ID Number: Lab Batch Number:	DK17317MS 2269 LFM1 N/A 132	Date of Sampling: Date Received by Lab: Date Reported:	04-Nov-2000 07-Nov-2000 13-Dec-2001

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.5	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	2.2	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	11.0	0.480	ug/L	12.0
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	11.0	0.500	ug/L	13.0
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	8.90	0.35	ug/L	13.0
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	6.0	0.3	ug/L	6.1
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	7.8	0.2	ug/L	7.7
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	5.0	0.30	ug/L	5.5
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	9.0	0.4	ug/L	9.2
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	11	0.5	ug/L	9.5
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	9.1	0.50	ug/L	7.7
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	23	2.1	ug/L	18
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	16.0	0.500	ug/L	12.0
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	4.3	0.50	ug/L	6.1
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	8.60	0.440	ug/L	8.90
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	5.8	0.3	ug/L	6.1
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	5.30	0.57	ug/L	7.70
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	4.90	0.470	ug/L	4.90
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	3.9	0.4	ug/L	6.1
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.5	Surrogate	ng/uL	1.6
2,4-DP	120-36-5	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	3.2	0.2	ug/L	2.4
Dicamba	1918-00-9	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	1.5	0.1	ug/L	1.9
Picloram	1918-02-1	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	1.9	0.1	ug/L	2.0
Bentazon	25057-89-0	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.20	0.05	ug/L	2.00
Acifluorfen	50594-66-6	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	6.2	0.2	ug/L	6.2
MCPP	7085-19-0	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	3.7	0.3	ug/L	4.1
2,4,5-T	93-76-5	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.0	Surrogate	ug/L	3.6
MCPA	94-74-6	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	3.6	0.2	ug/L	3.4
2,4-D	94-75-7	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.4	0.1	ug/L	2.4

Sample comments:

Groundwater Analysis Sample Report

Lab Information		Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number: GWSOISC PO Number: OISC-132	IDEM Sample Number: Lab Sample Number: Sample Type: Well ID Number: Lab Batch Number:	DK17317MSD 2270 LFM2 N/A 132	Date of Sampling: Date Received by Lab: Date Reported:	04-Nov-2000 07-Nov-2000 13-Dec-2001

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.5	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	2.2	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	12.0	0.480	ug/L	12.0
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	11.0	0.500	ug/L	13.0
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	8.70	0.35	ug/L	13.0
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	6.0	0.3	ug/L	6.2
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	8.0	0.2	ug/L	7.7
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	5.2	0.30	ug/L	5.5
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	9.3	0.4	ug/L	9.2
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	12	0.5	ug/L	9.6
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	9.5	0.50	ug/L	7.7
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	23	2.1	ug/L	18
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	17.0	0.500	ug/L	12.0
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	4.1	0.50	ug/L	6.2
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	8.70	0.440	ug/L	8.90
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	6.0	0.3	ug/L	6.2
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	5.10	0.57	ug/L	7.70
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	5.10	0.470	ug/L	4.90
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	3.8	0.4	ug/L	6.2
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.6	Surrogate	ng/uL	1.6
2,4-DP	120-36-5	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.4	0.2	ug/L	2.4
Dicamba	1918-00-9	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	1.3	0.1	ug/L	1.9
Picloram	1918-02-1	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.5	0.1	ug/L	2.0
Bentazon	25057-89-0	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.20	0.05	ug/L	2.00
Acifluorfen	50594-66-6	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	6.0	0.2	ug/L	6.2
MCPP	7085-19-0	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	3.0	0.3	ug/L	4.1
2,4,5-T	93-76-5	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.1	Surrogate	ug/L	3.6
MCPA	94-74-6	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	3.3	0.2	ug/L	3.4
2,4-D	94-75-7	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.4	0.1	ug/L	2.4

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number: PO Number:	GWSOISC OISC-132	IDEM Sample Number: Lab Sample Number: Sample Type: Well ID Number: Lab Batch Number:	DK17318 2271 Water Sample N/A 132	Date of Sampling: Date Received by Lab: Date Reported:	05-Nov-2000 07-Nov-2000 13-Dec-2001

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.9	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.5	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK17319	Date of Sampling:	05-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2272	Date Received by Lab:	07-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	0.8	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.9	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK17320	Date of Sampling:	05-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2273	Date Received by Lab:	07-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	0.0	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.9	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK17321	Date of Sampling:	05-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2274	Date Received by Lab:	07-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.9	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK13867	Date of Sampling:	04-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2275	Date Received by Lab:	07-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.2	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.2	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK13868	Date of Sampling:	04-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2276	Date Received by Lab:	07-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	0.0	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.7	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.3	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK13869	Date of Sampling:	04-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2277	Date Received by Lab:	07-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.5	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.8	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.6	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK13870	Date of Sampling:	04-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2278	Date Received by Lab:	07-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	0.2	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.7	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK13871	Date of Sampling:	04-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2279	Date Received by Lab:	07-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	0.0	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.8	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.5	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	LRB132	Date of Sampling:	08-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2280	Date Received by Lab:	08-Nov-2000
			Sample Type:	LRB	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	0.0	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.5	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.3	Surrogate	ng/uL	1.6
2,4-DP	120-36-5	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.2	ug/L	N/A
Dicamba	1918-00-9	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.1	ug/L	N/A
Picloram	1918-02-1	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.1	ug/L	N/A
Bentazon	25057-89-0	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.05	ug/L	N/A
Acifluorfen	50594-66-6	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.2	ug/L	N/A
MCPP	7085-19-0	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.3	ug/L	N/A
2,4,5-T	93-76-5	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.1	Surrogate	ug/L	3.6
MCPA	94-74-6	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.2	ug/L	N/A
2,4-D	94-75-7	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	BDL	0.1	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information		Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number: GWSOISC PO Number: OISC-132	IDEM Sample Number: Lab Sample Number: Sample Type: Well ID Number: Lab Batch Number:	LFB132 2281 LFB N/A 132	Date of Sampling: Date Received by Lab: Date Reported:	08-Nov-2000 08-Nov-2000 13-Dec-2001

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	0.0	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	2.2	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	6.60	0.480	ug/L	12.0
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	9.30	0.500	ug/L	13.0
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	9.50	0.35	ug/L	13.0
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	5.5	0.3	ug/L	6.3
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	7.3	0.2	ug/L	7.8
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	4.3	0.30	ug/L	5.6
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	6.4	0.4	ug/L	9.4
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	11	0.5	ug/L	9.7
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	9.1	0.50	ug/L	7.8
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	23	2.1	ug/L	19
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	16.0	0.500	ug/L	13.0
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	5.1	0.50	ug/L	6.3
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	7.20	0.440	ug/L	9.10
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	5.4	0.3	ug/L	6.3
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	7.10	0.57	ug/L	7.80
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	4.60	0.470	ug/L	5.00
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	4.8	0.4	ug/L	6.3
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.5	Surrogate	ng/uL	1.6
2,4-DP	120-36-5	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.2	0.2	ug/L	2.4
Dicamba	1918-00-9	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	1.5	0.1	ug/L	1.9
Picloram	1918-02-1	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.1	0.1	ug/L	2.0
Bentazon	25057-89-0	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	1.90	0.05	ug/L	2.00
Acifluorfen	50594-66-6	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	5.8	0.2	ug/L	6.2
MCPP	7085-19-0	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	3.4	0.3	ug/L	4.1
2,4,5-T	93-76-5	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	1.9	Surrogate	ug/L	3.6
MCPA	94-74-6	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	3.3	0.2	ug/L	3.4
2,4-D	94-75-7	515.1M	17-Nov-2000	HPLC/DAD	12-Nov-2000	2.5	0.1	ug/L	2.4

Sample comments:

Groundwater Analysis Sample Report

Lab Information		Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number: GWSOISC PO Number: OISC-132	IDEM Sample Number: Lab Sample Number: Sample Type: Well ID Number: Lab Batch Number:	DK17107 2282 Water Sample N/A 132	Date of Sampling: Date Received by Lab: Date Reported:	07-Nov-2000 08-Nov-2000 13-Dec-2001

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.6	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	2	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.7	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK17108	Date of Sampling:	07-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2283	Date Received by Lab:	08-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.8	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.5	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

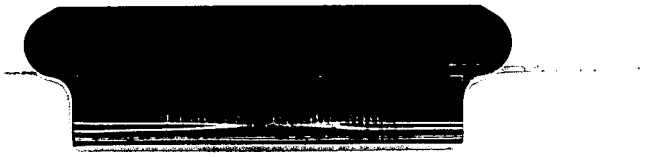
Sample comments:

Groundwater Analysis Sample Report

Lab Information			Sample Information			
Office of the Indiana State Chemist 1154 Biochemistry Purdue University West Lafayette, IN 47907-1154 (765) 494-1492 Fax (765) 494-4331	Lab ID Number:	GWSOISC	IDEM Sample Number:	DK17096	Date of Sampling:	07-Nov-2000
	PO Number:	OISC-132	Lab Sample Number:	2284	Date Received by Lab:	08-Nov-2000
			Sample Type:	Water Sample	Date Reported:	13-Dec-2001
			Well ID Number:	N/A		
			Lab Batch Number:	132		

Analyte	CAS	Extraction Method	Extraction Date	Analysis Method	Analysis Date	Result	Detection Limits	Units	Spike Amount
Dimethylnitrobenzene	00081-20-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.4	Surrogate	ng/uL	1.7
TPP	115-86-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.8	Surrogate	ng/uL	1.7
Simazine	122-34-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.480	ug/L	N/A
Terbufos	13071-79-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Trifluralin	1582-09-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.35	ug/L	N/A
Alachlor	15972-60-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Prometon	1610-18-0	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.2	ug/L	N/A
Atrazine	1912-24-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.30	ug/L	N/A
Propachlor	1918-16-7	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Metribuzin	21087-64-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.5	ug/L	N/A
Cyanazine	21725-46-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Fenamiphos	22224-92-6	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	2.1	ug/L	N/A
Bromacil	314-40-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.500	ug/L	N/A
Beta-Endosulfan	33213-65-9	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.50	ug/L	N/A
Diazinon	333-41-5	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.440	ug/L	N/A
Acetochlor	34256-82-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.3	ug/L	N/A
Pendimethalin	40487-42-1	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.57	ug/L	N/A
Metolachlor	51218-45-2	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.470	ug/L	N/A
Alpha-Endosulfan	959-98-8	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	BDL	0.4	ug/L	N/A
Pyrene d-10	N/A	525.2M	17-Nov-2000	GC/MS	11-Dec-2000	1.5	Surrogate	ng/uL	1.6
2,4-D	94-75-7I	N/A		IMMUNOASSAY	17-Nov-2000	BDL	0.700	ug/L	N/A

Sample comments:



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

132

☒ OWM ☐ OSHWM ☐ OER ☐ OAM

CHAIN OF CUSTODY

I certify that the sample(s) listed below was/were collected by me or in my presence. Date: 11 / 07 / 00

Signature: Catherine B Talbot Section: GROUNDWATER

LAB NUMBER ASSIGNED	IDEM CONTROL NUMBER	2000 ml P.N.M.	1000 ml P.N.M.	1000 ml G.N.M.	500 ml G.W.M.	40 ml VIAL	120 ml G.(B.O.)	500 ml P.N.M.	250 ml P.N.M.				DATE AND TIME COLLECTED
	DU 17107			2		2							11/7/00 9:50 AM
	DU 17108			2		2							11/7/00 10:29 AM
	DU 17108			2		2						MS	11/7/00 10:29 AM
	DU 17108			2		2						MSD	11/7/00 10:29 AM
	DU 17096			2		2							11/7/00 13:03 AM
													/ / : AM
													/ / : AM
													/ / : AM
													/ / : AM
													/ / : AM
													/ / : AM
													/ / : AM

P - Plastic G - Glass N.M. - Narrow Mouth W.M. - Wide Mouth B.O. - Bacti. Only

CARRIERS

I certify that I received the above sample(s). Should samples be Iced? Y N

SIGNATURE	DATE AND TIME	SEALS INTACT		COMMENTS
RELINQUISHED BY: Catherine B Talbot	11/07/00	Y	N	
RECEIVED BY:	17:00 AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			

LAB CUSTODIAN

I certify that I received the above sample(s) and is/are recorded in the official record book. The same sample(s) will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature: [illegible] Date: 11 / 8 / 00 Time: 11 : 15 AM

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

☒ OWM ☐ OSHWM ☐ OER ☐ OAM

CHAIN OF CUSTODY

I certify that the sample(s) listed below was/were collected by me or in my presence. Date: 11 / 06 / 2000

Signature: Catherine B Talbot Section: GROUNDWATER

LAB NUMBER ASSIGNED	IDEM CONTROL NUMBER	CONSISTING OF THE INDICATED NUMBER OF BOTTLES											DATE AND TIME COLLECTED
		2000 ml P.N.M.	1000 ml P.N.M.	1000 ml G.N.M.	500 ml G.W.M.	40 ml VIAL	120 ml G.(B.O.)	500 ml P.N.M.	250 ml P.N.M.				
	DK 13867			2		2							11/04/00 10:52 AM/[redacted]
	DK 13868			2		2							11/4/00 11:31 AM/[redacted]
	DK 13869			2		2							11/4/00 12:23 [redacted]/P
	DK 13869			2		2						MS	11/4/00 12:23 [redacted]/P
	DK 13869			2		2						MSD	11/4/00 12:23 [redacted]/P
	DK 13870			2		2							11/4/00 13:06 [redacted]/P
	DK 13871			2		2							11/4/00 13:40 [redacted]/P
													/ / : AM/P
													/ / : AM/P
													/ / : AM/P
													/ / : AM/P
													/ / : AM/P

P - Plastic G - Glass N.M. - Narrow Mouth W.M. - Wide Mouth B.O. - Bacti. Only

CARRIERS

I certify that I received the above sample(s). Should samples be iced? Y N

SIGNATURE	DATE AND TIME	SEALS INTACT		COMMENTS
RELINQUISHED BY: Catherine B Talbot	11 / 06 / 2000	Y	N	
RECEIVED BY:	8:00 AM/[redacted]			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			

LAB CUSTODIAN

I certify that I received the above sample(s) and is/are recorded in the official record book. The same sample(s) will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature: [signature] Date: 11 / 7 / 00 Time: 9 : 30 AM/PM

Lab: Address:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

M2

☒ OWM ☐ OSHWM ☐ OER ☐ OAM

CHAIN OF CUSTODY

Date: 10 / 31 / 2000

I certify that the sample(s) listed below was/were collected by me or in my presence.

Section: Ground Water

Signature: Rhonda Brandyke

LAB NUMBER ASSIGNED	IDEM CONTROL NUMBER	CONSISTING OF THE INDICATED NUMBER OF BOTTLES													DATE AND TIME COLLECTED
		2000 ml P.N.M.	1000 ml P.N.M.	1000 ml G.N.M.	500 ml G.W.M.	40 ml VIAL	120 ml G.(B.O.)	500 ml P.N.M.	250 ml P.N.M.						
															11/6/2000 ~~10/31/2000~~ 10:15 AM/PM
	DK 17488			2		2									/ / : AM/PM
															/ / : AM/PM
															/ / : AM/PM
															/ / : AM/PM
															/ / : AM/PM
															/ / : AM/PM
															/ / : AM/PM
															/ / : AM/PM
															/ / : AM/PM
															/ / : AM/PM
															/ / : AM/PM

P - Plastic G - Glass N.M. - Narrow Mouth W.M. - Wide Mouth B.O. - Bacti. Only

Should samples be iced? Y N

CARRIERS

I certify that I received the above sample(s).

SIGNATURE	DATE AND TIME	SEALS INTACT		COMMENTS
RELINQUISHED BY: Rhonda Brandyke	11/6/2000 : AM/PM	Y	N	no seals
RECEIVED BY:				
RELINQUISHED BY:	/ / : AM/PM	Y	N	
RECEIVED BY:				
RELINQUISHED BY:	/ / : AM/PM	Y	N	
RECEIVED BY:				
RELINQUISHED BY:	/ / : AM/PM	Y	N	
RECEIVED BY:				
RELINQUISHED BY:	/ / : AM/PM	Y	N	
RECEIVED BY:				

LAB CUSTODIAN

I certify that I received the above sample(s) and is/are recorded in the official record book. The same sample(s) will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature: Charity Carpenter Date: 11 / 6 / 00 Time: 11 : 45 AM

Lab: Address:

132

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

☒ OWM ☐ OSHWM ☐ OER ☐ OAM

CHAIN OF CUSTODY

I certify that the sample(s) listed below was/were collected by me or in my presence. Date: 11 / 6 / 00

Signature: Daniel J. Schmitt Section: Ground Water

LAB NUMBER ASSIGNED	IDEM CONTROL NUMBER	2000 ml P.N.M.	1000 ml P.N.M.	1000 ml G.N.M.	500 ml G.W.M.	40 ml VIAL	120 ml G.(B.O.)	500 ml P.N.M.	250 ml P.N.M.				DATE AND TIME COLLECTED
	DK 17313			2		2							11 / 14 / 00 13:45 AM/PM
	DK 17318			2		2							11 / 15 / 00 13:45 AM/PM
	DK 17319			2		2							11 / 15 / 00 14:40 AM/PM
	DK 17320			2		2							11 / 15 / 00 15:30 AM/PM
	DK 17321			2		2							11 / 15 / 00 16:10 AM/PM
													/ / : AM/PM
													/ / : AM/PM
													/ / : AM/PM
													/ / : AM/PM
													/ / : AM/PM
													/ / : AM/PM
													/ / : AM/PM

P - Plastic G - Glass N.M. - Narrow Mouth W.M. - Wide Mouth B.O. - Bacti. Only

CARRIERS

Should samples be iced? (Y) N

I certify that I received the above sample(s).

SIGNATURE	DATE AND TIME	SEALS INTACT		COMMENTS
RELINQUISHED BY: Daniel J. Schmitt	11 / 6 / 00	(Y)	N	
RECEIVED BY:	12:15 AM/(PM)			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			

LAB CUSTODIAN

I certify that I received the above sample(s) and is/are recorded in the official record book. The same sample(s) will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature: [illegible] Date: 11 / 7 / 00 Time: 9 : 30 (A)

Lab: Address:

132

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

☒ OWM ☐ OSHWM ☐ OER ☐ OAM

CHAIN OF CUSTODY

I certify that the sample(s) listed below was/were collected by me or in my presence. Date: 11 / 6 / 00

Signature: Daniel J Schmitt Section: Ground Water

LAB NUMBER ASSIGNED	IDEM CONTROL NUMBER	2000 ml P.N.M.	1000 ml P.N.M.	1000 ml G.N.M.	500 ml G.W.M.	40 ml VIAL	120 ml G.(B.O.)	500 ml P.N.M.	250 ml P.N.M.				DATE AND TIME COLLECTED
	DK 17314			2		2							11 14 00 14:45 AM/PM
	DK 17315			2		2							11 14 00 15:45 AM/PM
	DK 17316			2		2							11 14 00 16:25 AM/PM
	DK 17317 MS/MSD			6		6							11 14 00 17:00 AM/PM
													/ / : AM/PM
													/ / : AM/PM
													/ / : AM/PM
													/ / : AM/PM
													/ / : AM/PM
													/ / : AM/PM
													/ / : AM/PM
													/ / : AM/PM

P - Plastic G - Glass N.M. - Narrow Mouth W.M. - Wide Mouth B.O. - Bacti. Only

CARRIERS

Should samples be iced? (Y) N

I certify that I received the above sample(s).

SIGNATURE	DATE AND TIME	SEALS INTACT		COMMENTS
RELINQUISHED BY: Daniel J Schmitt	11 / 6 / 00	(Y)	N	
RECEIVED BY:	12:15 AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			
RELINQUISHED BY:	/ /	Y	N	
RECEIVED BY:	: AM/PM			

LAB CUSTODIAN

I certify that I received the above sample(s) and is/are recorded in the official record book. The same sample(s) will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature: [illegible] Date: 11 / 7 / 00 Time: 9 : 30 (A)

Lab: _____ Address: _____

General Pesticide Screen
(Method 525)

SAMPLE PREPARATION INFORMATION

Extraction Data Sheet for Groundwater Samples

Batch Number: 132
Extraction Date: 11-17-00
Extraction Time: 9 AM

Performed By:
[ ] Jeff Hardy
[X] Todd Roach
[ ] Charity Carpenter
[ ] Other: _____

Extraction Procedure:

[X] General Pesticide Method: 525.2 M: AutoTrace SPE, Analysis by GC/MS
[ ] Phenoxy Acid Method: 515.1 M: Liquid/Liquid, Analysis by HPLC/DAD
[ ] Carbamate Method: 531.1: Filtration, Derivitization, Analysis by HPLC/FLD

IDEM Sample Number	Lab Number	Desc.	Sample Mass Calculations			pH
			Initial Mass (g)	Final Mass (g)	Sample Mass (g)	
DK 17488	2263	Sample	1509.14	492.64	1008.50	7.32
DK 17313	2264	Sample	1474.49	497.13	977.36	7.41
DK 17314	2265	Sample	1449.75	500.78	948.97	7.39
DK 17315	2266	Sample	1475.10	499.38	975.72	7.44
DK 17316	2267	Sample	1475.59	497.75	977.84	7.47
DK 17317	2268	Sample	1461.15	500.71	960.44	7.38
DK 17318	2271	Sample	1484.67	502.10	982.57	7.42
DK 17319	2272	Sample	1494.06	503.86	990.20	7.37
DK 17320	2273	Sample	1500.20	502.41	997.79	7.29
DK 17321	2274	Sample	1484.27	498.14	986.13	7.32
DK 13867	2275	Sample	1518.69	502.01	1016.68	7.49
DK 13868	2276	Sample	1509.54	499.98	1009.56	7.42
DK 13869	2277	Sample	1469.04	498.97	970.07	7.44
DK 13870	2278	Sample	1466.33	499.77	966.56	7.38
DK 13871	2279	Sample	1492.57	498.06	994.51	7.43
DK 17107	2282	Sample	1479.39	494.53	984.86	7.44
DK 17108	2283	Sample	1471.27	497.23	974.04	7.50
DK 17096	2284	Sample	1462.94	491.60	971.34	7.29
		Sample				
		Sample				
NA	2280	LRB	1464.13	496.33	967.80	7.21
NA	2281	LFB	1458.22	500.51	957.71	7.24
DK 17317 MS	2269	LFM 1	1474.13	497.65	976.48	7.36
DK 17317 MSD	2270	LFM 2	1468.99	495.46	973.53	7.34

Final volume = 3 mL in EtAc

Spike Information: M 355 300 uL

Surrogate Information: M 352 100 uL

Internal Standard Info: M 402 150 uL

Comments:

Signature

11-17-00
Date

Working Mix Sheet
Pesticide Residue Section of the Indiana State Chemist

Standard # and Name: M-355 Spike Mix

Date Prepared: 8/22/00 Date Destroyed: _____

Physical Data

Parent Solutions		Concentration (ng/µl)	Aliquot (mL)	Parent Solvent	Final Concentration (ng/µl)
1. Acetochlor	S-181	2000	0.5	EtAc	20
2. Alachlor	S-182	990	1.0	EtAc	20
3. Atrazine	S-183	920	1.0	EtAc	18
4. Bromacil	S-179	1010	2.0	EtAc	40
5. Cyanazine	S-184	630	2.0	EtAc	25
6. Diazinon	S-185	1450	1.0	EtAc	29
7. Alpha-Endosulfan	S-186	1000	1.0	EtAc	20
8. Beta-Endosulfan	S-187	1000	1.0	EtAc	20
9. Fenamiphos	S-188	1000	3.0	EtAc	60
10. Metolachlor	S-189	540	1.5	EtAc	16
11. Metribuzin	S-190	509	3.0	EtAc	31
12. Pendimethalin	S-197	505	2.5	EtAc	25
13. Prometon	S-191	500	2.5	EtAc	25
14. Propachlor	S-192	1000	1.5	EtAc	30
15. Simazine	S-193	321	6.0	EtAc	39
16. Terbufos	S-194	861	2.5	EtAc	43
17. Trifluralin	S-195	1020	2.0	EtAc	41

Final Dilution Solvent: EtAc Final Dilution Volume: 50 mL

Notes: _____

Prepared by: Jeff Hardy

Working Mix Sheet
Pesticide Residue Section of the Indiana State Chemist

Standard # and Name: M 352 AutoTrace Surrogate

Date Prepared: 8-1-00 Date Destroyed: 11-29-00

Physical Data

Parent Solutions ISM-530	Concentration (ng/µl)	Aliquot (mL)	Parent Solvent	Final Concentration (ng/µl)
1. 1,3 dimethyl-2-nitrobenzene	500	5	Acetone	50
2. Perylene d-12	496			50
3. Triphenylphosphate	497			50
4. Pyrene d-10	492			49
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

Final Dilution Solvent: Methanol Final Dilution Volume: 50 mL

ULTRA SCIENTIFIC 250 Smith St., North Kingstown, RI 02852 401-294-9400

Surrogate Standard Fortification Solution

500 ug/mL each in Acetone

ISM-530 1 mL

LAB USE ONLY

Prepared by: [signature]

Lot No. M-1606 Exp. Date 12/2001

Lab Notebook:

Working Mix Sheet
Pesticide Residue Section of the Indiana State Chemist

Standard # and Name: M-402 525 Internal Standard

Date Prepared: 10-12-00 **Date Destroyed:** _____

Physical Data

Parent Solutions	Concentration (ng/µl)	Aliquot (mL)	Parent Solvent	Final Concentration (ng/µl)
1. Acenaphthene-d10	500	5	Acetone	50
2. Phenanthrene-d10	500	5	↓	50
3. Chrysene-d12	500	5	↓	50
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

Final Dilution Solvent: EtAc **Final Dilution Volume:** 50mL

Notes: Chem Service INSTD Mix
IS-525M Lot # 245-93A

Prepared by: [signature]

Lab Notebook: _____

IS-525M EXP:12/01 5ml

CHEM SERVICE
P.O. BOX 599, WEST CHESTER, PA 19381, 800-452-9994

Internal Standard Mixture - 525
500ug/ml in Acetone
Lot: 245-93A

FLAMMABLE-HARMFUL-IRRITANT
WARNING!: READ your MSDS before HANDLING chemical.

SAMPLE CHROMATOGRAPHY INFORMATION

Note on Batch 132, General Pesticide Screen

Surrogate 1,3-dimethyl-2-nitrobenzene was poorly or not recovered in several samples in this batch. The poor recovery of 1,3-dimethyl-2-nitrobenzene affects the following samples:

Sample#
DK13868
DK13870
DK13871
DK17317
DK17319
DK17320
DK17488
LFB132
LRB132

There does not seem to be an explanation as to why the poor recoveries occurred. 1,3-dimethyl-2-nitrobenzene was recovered within QA/QC acceptance limits in all other samples.

Calculation Notes

Groundwater Analysis Sample Report calculations:
Spike amount = (Spike Concentration)(Spike Volume)/Final Extract Volume

Sample Chromatography Information calculations:
Spiked Sample Concentration = (Spike Volume in uL)(Mix Concentration)/Sample Mass (g)
ppb Detected = (ng/uL detected)(Dilution Volume 3mL)/Sample Mass (g)
% Recovery = (ppb Detected)/(Spiked Sample Concentration ppb) X 100

Lab Fortified Matrix 1

Analyte	Result Detected in Sample (ng/uL)	Sample Mass (g)	Final Volume (mL)	Result Detected ppb (ng/g)	Spike Mix Concentraiton (ng/ul)	Spike Level Concentration ppb (ng/g)	% Recovery
Propachlor	2.94	976.80	3	9.0	30	9.2	98
Trifluralin	2.89	976.80	3	8.9	41	13	68
Simazine	3.66	976.80	3	11	39	12	92
Prometon	2.54	976.80	3	7.8	25	7.7	101
Atrazine	1.64	976.80	3	5.0	18	5.5	91
Terbufos	3.74	976.80	3	11	43	13	85
Diazinon	2.80	976.80	3	8.6	29	8.9	97
Metribuzin	3.71	976.80	3	11	31	9.5	116
Acetochlor	1.89	976.80	3	5.8	20	6.1	95
Alachlor	1.95	976.80	3	6.0	20	6.1	98
Bromacil	5.30	976.80	3	16	40	12	133
Metolachlor	1.60	976.80	3	4.9	16	4.9	100
Cyanazine	2.96	976.80	3	9.1	25	7.7	118
Pendimethalin	1.71	976.80	3	5.3	25	7.7	69
Alpha-Endosulfan	1.27	976.80	3	3.9	20	6.1	64
Fenamiphos	7.45	976.80	3	23	60	18	128
Beta-Endosulfan	1.40	976.80	3	4.3	20	6.1	70

Notes:
(1) Spike Level Concentration = (Spike Volume in uL)(Mix Concentration) / Sample Mass(g)
(2) ppb Detected = (ng/uL detected)(Dilution Volume 3mL) / Sample Mass(g)
(3) % Recovery = (ppb Detected) / (Spiked Sample Concentration ppb) x 100

Lab Fortified Matrix 2

Analyte	Result Detected in Sample (ng/uL)	Sample Mass (g)	Final Volume (mL)	Result Detected ppb (ng/g)	Spike Mix Concentraiton (ng/ul)	Spike Level Concentration ppb (ng/g)	% Recovery
Propachlor	3.02	973.53	3	9.3	30	9.2	101
Trifluralin	2.83	973.53	3	8.7	41	13	67
Simazine	3.87	973.53	3	12	39	12	100
Prometon	2.60	973.53	3	8.0	25	7.7	104
Atrazine	1.69	973.53	3	5.2	18	5.5	95
Terbufos	3.68	973.53	3	11	43	13	85
Diazinon	2.81	973.53	3	8.7	29	8.9	98
Metribuzin	3.80	973.53	3	12	31	9.6	125
Acetochlor	1.94	973.53	3	6.0	20	6.2	97
Alachlor	1.94	973.53	3	6.0	20	6.2	97
Bromacil	5.44	973.53	3	17	40	12	142
Metolachlor	1.64	973.53	3	5.1	16	4.9	104
Cyanazine	3.08	973.53	3	9.5	25	7.7	123
Pendimethalin	1.66	973.53	3	5.1	25	7.7	66
Alpha-Endosulfan	1.23	973.53	3	3.8	20	6.2	61
Fenamiphos	7.61	973.53	3	23	60	18	128
Beta-Endosulfan	1.33	973.53	3	4.1	20	6.2	66

Notes:
(1) Spike Level Concentration = (Spike Volume in uL)(Mix Concentration) / Sample Mass(g)
(2) ppb Detected = (ng/uL detected)(Dilution Volume 3mL) / Sample Mass(g)
(3) % Recovery = (ppb Detected) / (Spiked Sample Concentration ppb) x 100

% Relative Difference

Analyte	Lab Fortified Matrix 1 % Recovered	Lab Fortified Matrix 2 % Recovered	% Relative Difference
Propachlor	98	101	3.0
Trifluralin	68	67	1.5
Simazine	92	100	8.3
Prometon	101	104	2.9
Atrazine	91	95	4.3
Terbufos	85	85	0.0
Diazinon	97	98	1.0
Metribuzin	116	125	7.5
Acetochlor	95	97	2.1
Alachlor	98	97	1.0
Bromacil	133	142	6.5
Metolachlor	100	104	3.9
Cyanazine	118	123	4.1
Pendimethalin	69	66	4.4
Alpha-Endosulfan	64	61	4.8
Fenamiphos	128	128	0.0
Beta-Endosulfan	70	66	5.9
1,3-Dimethyl-2-nitrobenzene	87	86	1.2
Pyrene d-10	96	99	3.1
Triphenylphosphate	128	129	0.8

Notes:

(1) % Relative Difference = (LFM1-LFM2)/[(LFM1+LFM2)/2] x 100

Where values for LFM1 and LFM2 are the % Recoveries

Laboratory Fortified Blank

Analyte	Result Detected in Sample (ng/uL)	Sample Mass (g)	Final Volume (mL)	Result Detected ppb (ng/g)	Spike Mix Concentraiton (ng/ul)	SpikeLevel Concentration ppb (ng/g)	% Recovery
Propachlor	2.05	957.71	3	6.4	30	9.4	68
Trifluralin	3.02	957.71	3	9.5	41	13	73
Simazine	2.11	957.71	3	6.6	39	12	55
Prometon	2.34	957.71	3	7.3	25	7.8	94
Atrazine	1.37	957.71	3	4.3	18	5.6	77
Terbufos	2.97	957.71	3	9.3	43	13	72
Diazinon	2.30	957.71	3	7.2	29	9.1	79
Metribuzin	3.43	957.71	3	11	31	9.7	113
Acetochlor	1.72	957.71	3	5.4	20	6.3	86
Alachlor	1.75	957.71	3	5.5	20	6.3	87
Bromacil	5.16	957.71	3	16	40	13	123
Metolachlor	1.48	957.71	3	4.6	16	5.0	92
Cyanazine	2.90	957.71	3	9.1	25	7.8	117
Pendimethalin	2.27	957.71	3	7.1	25	7.8	91
Alpha-Endosulfan	1.52	957.71	3	4.8	20	6.3	76
Fenamiphos	7.31	957.71	3	23	60	19	121
Beta-Endosulfan	1.62	957.71	3	5.1	20	6.3	81

Notes:
(1) Spike Level Concentration = (Spike Volume in uL)(Mix Concentration) / Sample Mass(g))
(2) ppb Detected = (ng/uL detected)(Dilution Volume 3mL) / Sample Mass(g)
(3) % Recovery = (ppb Detected) / (Spiked Sample Concentration ppb) x 100

Analyte	CCVS-1 (ng/uL) Detected	CCVS-2 (ng/uL) Detected	CCVS-2 %	CCVS-3 (ng/uL) Detected	CCVS-3 %	CCVS-4 (ng/uL) Detected	CCVS-4 %
Propachlor	3.11	3.04	98	3.09	99	3.20	103
Trifluralin	5.02	4.81	96	4.95	99	5.40	108
Simazine	4.27	4.15	97	4.12	96	4.24	99
Prometon	2.69	2.57	96	2.61	97	2.74	102
Atrazine	1.88	1.81	96	1.80	96	1.84	98
Terbufos	4.99	4.87	98	4.97	100	5.19	104
Diazinon	3.09	2.99	97	2.98	96	3.08	100
Metribuzin	3.78	3.67	97	3.82	101	4.00	106
Acetochlor	2.09	2.01	96	1.99	95	2.08	100
Alachlor	2.09	2.03	97	2.05	98	2.10	100
Bromacil	4.95	5.16	104	5.30	107	5.51	111
Metolachlor	1.70	1.65	97	1.69	99	1.74	102
Cyanazine	2.93	2.84	97	3.07	105	3.24	111
Pendimethalin	2.90	2.74	94	2.84	98	3.04	105
Alpha-Endosulfan	2.08	1.97	95	1.94	93	1.98	95
Fenamiphos	7.49	7.89	105	8.21	110	8.81	118
Beta-Endosulfan	2.05	1.96	96	1.96	96	1.97	96
1,3-Dimethyl-2-nitrobenzene	1.54	1.46	95	1.45	94	1.50	97
Pyrene d-10	1.55	1.49	96	1.47	95	1.52	98
Triphenylphosphate	1.80	1.90	106	1.96	109	2.04	113

Notes:

% = (CCVS/CAL Level 3)X100

Internal Standard Report

	Calibration Level-1	Calibration Level-2	Calibration Level-3	Calibration Level-4	Calibration Level-5	Calibration Level-6	Mean Response	Standard Deviation	RSD
Acenaphthene-d10	240325	235067	229055	225316	234477	245116	234893	7211.39	3.07007
Phenanthrene-d10	367868	357826	361588	360473	376926	400461	370857	16035.7	4.32396
Chrysene-d12	242062	225120	253097	275203	285222	308332	264839	30491.9	11.51337

	Acenaphthene-d10		Phenanthrene-d10		Chrysene-d12	
Sample	Response	%	Response	%	Response	%
DK17488	244512	104%	378796	102%	325957	123%
DK17313	247489	105%	379403	102%	308370	116%
DK17314	238551	102%	371051	100%	294345	111%
DK17315	224160	95%	340557	92%	275423	104%
DK17316	249815	106%	392890	106%	323829	122%
DK17317	241848	103%	379545	102%	323354	122%
DK17318	241434	103%	376945	102%	312174	118%
DK17319	249036	106%	384033	104%	314188	119%
DK17320	243351	104%	379889	102%	315543	119%
DK17321	256444	109%	398997	108%	344432	130%
DK13867	244472	104%	369300	100%	380675	144%
DK13868	248061	106%	377811	102%	304821	115%
DK13869	258957	110%	397765	107%	314125	119%
DK13870	249245	106%	378120	102%	263471	99%
DK13871	254845	108%	396242	107%	331326	125%
DK17107	269079	115%	415207	112%	326260	123%
DK17108	257802	110%	400574	108%	326125	123%
DK17096	253127	108%	384216	104%	315603	119%
LRB	239909	102%	368260	99%	285002	108%
LFM1	252969	108%	396346	107%	325505	123%
LFM2	252894	108%	398527	107%	332122	125%
LFB	244765	104%	389662	105%	324625	123%

Notes:

% = Response/ Mean Response X 100

RSD = Standard Deviation/ Mean Response X 100

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\M-361.D Vial: 2
Acq On : 11 Dec 2000 9:38 Operator: Charity Carpent
Sample : m-361 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:11 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	8888	0.50 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 29.41%	
18) Pyrene d-10	22.92	3295	60757	0.52 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 32.50%	
22) TPP	24.97	3654	3991	0.48 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 28.24%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.79	1173	240325	No Calib	
3) Propachlor	14.03	1740	24530	1.12 ng/uL	95
4) Trifluralin	16.07	2097	9925	0.86 ng/uL	99
5) Simazine	17.40	2330	15588	1.11 ng/uL	97
6) Prometon	17.53	2352	9958	0.96 ng/uL	91
7) Atrazine	17.66	2374	14006	0.62 ng/uL	98
8) Phenanthrene-d10	18.15	2460	367868	No Calib	
9) Terbufos	18.23	2474	16469	1.35 ng/uL	85
10) Diazinon	18.78	2570	9864	1.06 ng/uL	97
11) Metribuzin	19.95	2776	7520	0.97 ng/uL#	90
12) Acetochlor	20.14	2808	6257	0.71 ng/uL#	78
13) Alachlor	20.42	2858	7781	0.73 ng/uL	92
14) Bromacil	21.02	2962	6192	1.24 ng/uL	95
15) Metolachlor	21.41	3031	15388	0.61 ng/uL	94
16) Cyanazine	21.53	3052	2106	0.73 ng/uL	96
17) Pendimethalin	22.33	3192	5269	0.79 ng/uL	96
19) Alpha-Endosulfan	23.09	3324	2391	0.68 ng/uL	95
20) Fenamiphos	23.27	3357	3909	Below Cal #	46
21) Beta-Endosulfan	24.07	3497	2592	0.70 ng/uL	93
23) Chrysene-d12	25.40	3728	242062	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

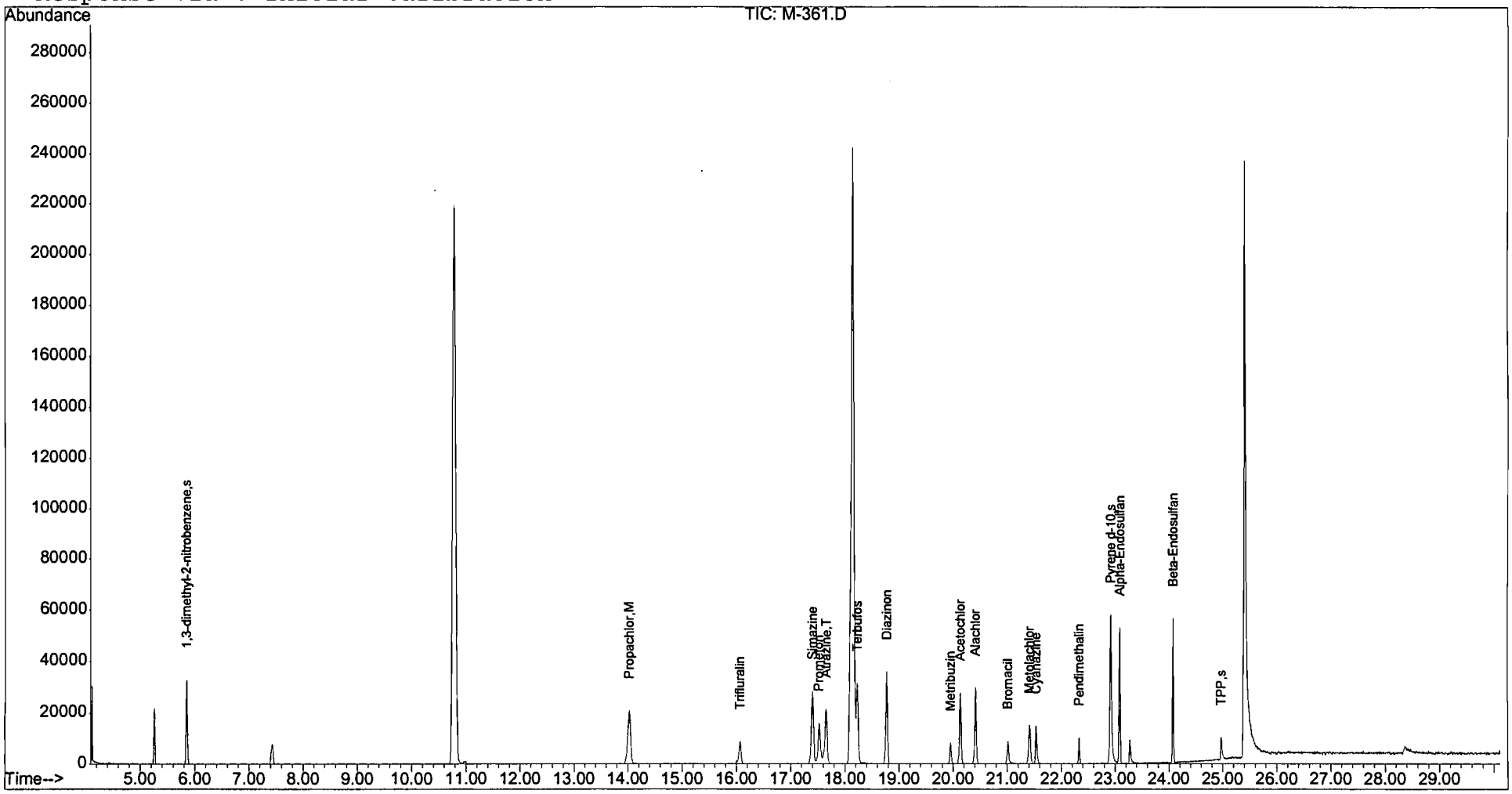
Data File : C:\HPCHEM\1\DATA\BATCH132\M-361.D
Acq On : 11 Dec 2000 9:38
Sample : m-361
Misc :

Vial: 2
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:11 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\M-362.D
Acq On : 11 Dec 2000 10:19
Sample : m-362
Misc :

Vial: 3
Operator: Charity Carpent
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:11 2001

Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.85	308	15426	0.78 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 45.88%	
18) Pyrene d-10	22.92	3294	103964	0.76 ng/uL	-0.01
Spiked Amount 1.600			Recovery	= 47.50%	
22) TPP	24.98	3654	11621	0.74 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 43.53%	
Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1173	235067	No Calib	
3) Propachlor	14.04	1740	47981	1.56 ng/uL	95
4) Trifluralin	16.06	2095	22088	2.12 ng/uL	100
5) Simazine	17.41	2330	32467	1.85 ng/uL	96
6) Prometon	17.53	2351	21806	1.30 ng/uL	98
7) Atrazine	17.66	2374	26873	0.94 ng/uL	100
8) Phenanthrene-d10	18.15	2460	357826	No Calib	
9) Terbufos	18.23	2474	41709	2.15 ng/uL	95
10) Diazinon	18.78	2570	22285	1.51 ng/uL	97
11) Metribuzin	19.96	2776	18267	1.55 ng/uL	98
12) Acetochlor	20.14	2808	12387	1.03 ng/uL	85
13) Alachlor	20.42	2857	16180	1.03 ng/uL	96
14) Bromacil	21.03	2964	16580	1.92 ng/uL	94
15) Metolachlor	21.42	3032	34244	0.82 ng/uL	93
16) Cyanazine	21.53	3052	5016	1.27 ng/uL	91
17) Pendimethalin	22.33	3192	13026	1.24 ng/uL	100
19) Alpha-Endosulfan	23.09	3324	4182	1.03 ng/uL	93
20) Fenamiphos	23.28	3357	11255	3.05 ng/uL#	63
21) Beta-Endosulfan	24.07	3496	4588	1.03 ng/uL	96
23) Chrysene-d12	25.40	3728	225120	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

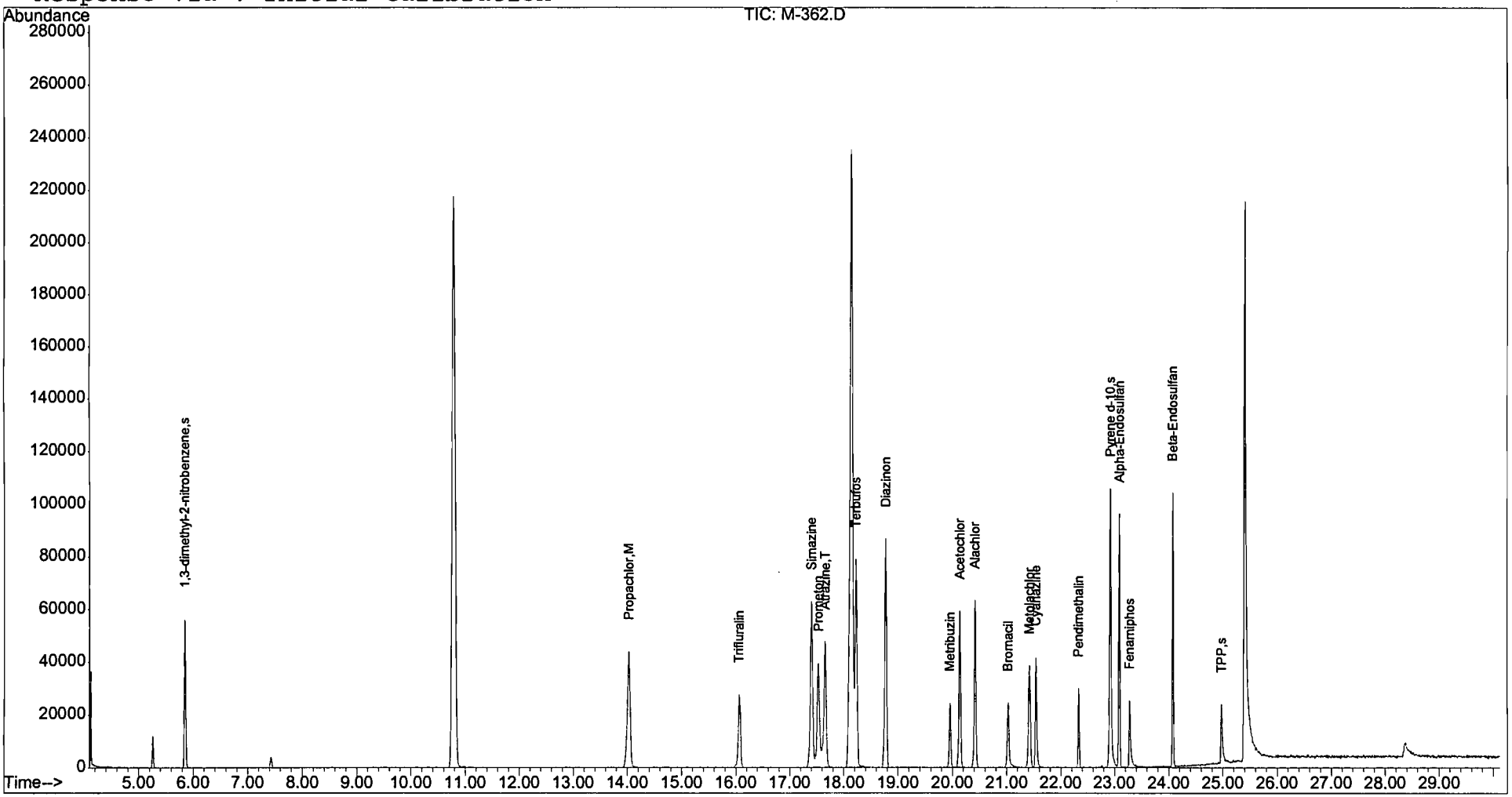
Data File : C:\HPCHEM\1\DATA\BATCH132\M-362.D
Acq On : 11 Dec 2000 10:19
Sample : m-362
Misc :

Vial: 3
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:11 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\M-363.D
Acq On : 11 Dec 2000 11:00
Sample : m-363
Misc :

Vial: 4
Operator: Charity Carpent
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:11 2001

Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	31206	1.46 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 85.88%	
18) Pyrene d-10	22.92	3295	231638	1.46 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 91.25%	
22) TPP	24.97	3654	40349	1.49 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 87.65%	
Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	229055	No Calib	
3) Propachlor	14.04	1741	116375	2.85 ng/uL	96
4) Trifluralin	16.07	2096	68788	4.32 ng/uL	99
5) Simazine	17.42	2333	79524	3.91 ng/uL	98
6) Prometon	17.54	2353	58384	2.35 ng/uL	97
7) Atrazine	17.67	2376	59525	1.75 ng/uL	97
8) Phenanthrene-d10	18.15	2461	361588	No Calib	
9) Terbufos	18.23	2475	121012	4.33 ng/uL	98
10) Diazinon	18.78	2570	57975	2.79 ng/uL	97
11) Metribuzin	19.96	2777	58531	3.14 ng/uL	98
12) Acetochlor	20.14	2809	30441	1.94 ng/uL	94
13) Alachlor	20.42	2857	40787	1.91 ng/uL	98
14) Bromacil	21.06	2969	62700	4.08 ng/uL	100
15) Metolachlor	21.42	3032	97066	1.52 ng/uL	98
16) Cyanazine	21.54	3054	14335	2.58 ng/uL	95
17) Pendimethalin	22.34	3193	46853	2.54 ng/uL	97
19) Alpha-Endosulfan	23.09	3324	9065	1.96 ng/uL	96
20) Fenamiphos	23.29	3359	52560	6.34 ng/uL	81
21) Beta-Endosulfan	24.08	3497	10368	1.98 ng/uL	95
23) Chrysene-d12	25.40	3728	253097	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

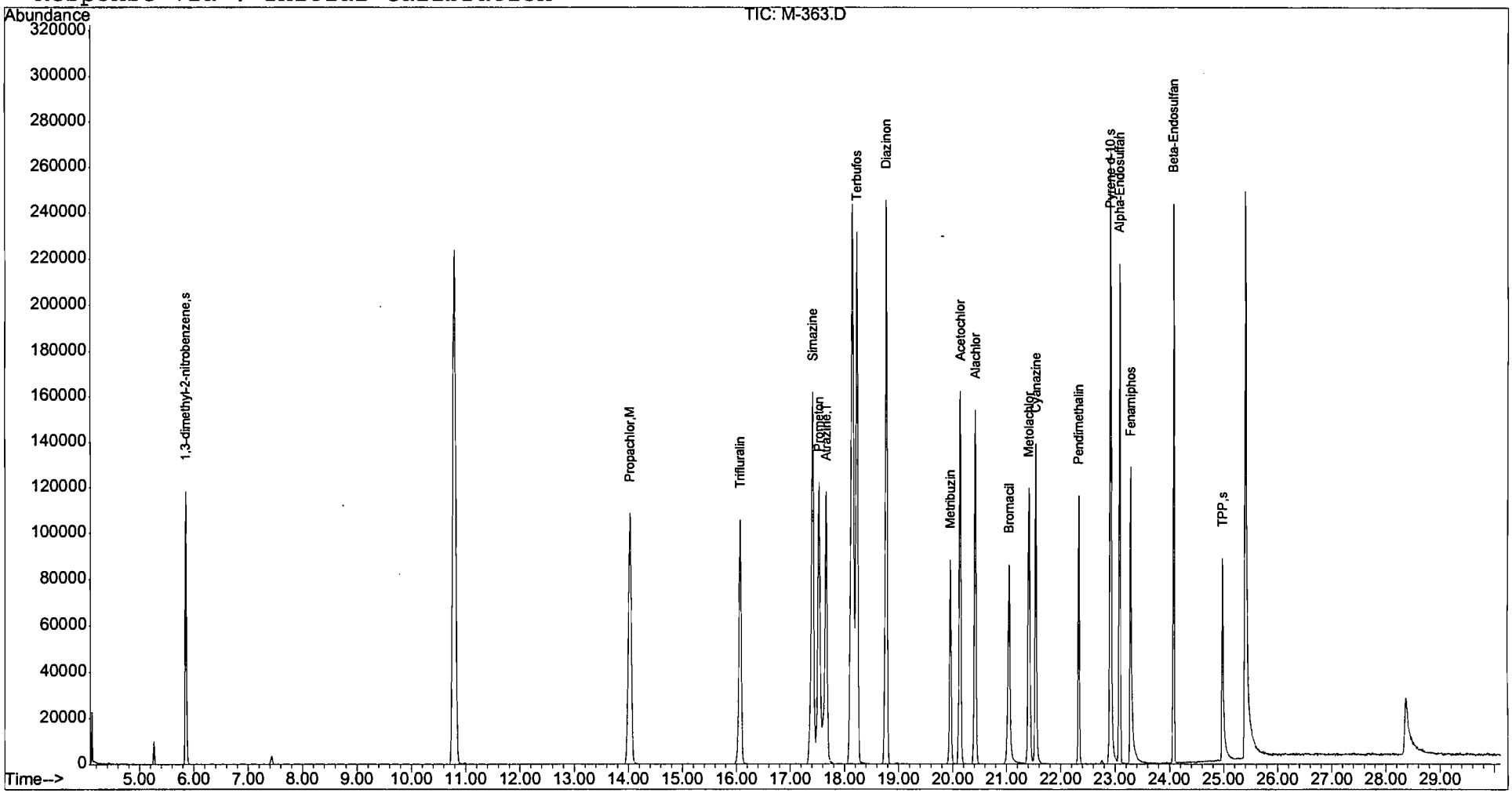
Data File : C:\HPCHEM\1\DATA\BATCH132\M-363.D
Acq On : 11 Dec 2000 11:00
Sample : m-363
Misc :

Vial: 4
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:11 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\M-364.D
Acq On : 11 Dec 2000 11:41
Sample : m-364
Misc :

Vial: 5
Operator: Charity Carpent
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:12 2001

Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
1) 1,3-dimethyl-2-nitrobenzen	5.85	308	50210	2.28	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	134.12%	
18) Pyrene d-10	22.92	3294	383224	2.30	ng/uL	-0.01
Spiked Amount 1.600			Recovery	=	143.75%	
22) TPP	24.98	3654	86613	2.37	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	139.41%	

Target Compounds						Qvalue
2) Acenaphthene-d10	10.80	1174	225316	No Calib		
3) Propachlor	14.03	1739	199438	4.42	ng/uL	98
4) Trifluralin	16.08	2097	146171	6.49	ng/uL	97
5) Simazine	17.44	2335	135908	6.37	ng/uL	98
6) Prometon	17.54	2353	107219	3.75	ng/uL	97
7) Atrazine	17.68	2377	99126	2.74	ng/uL	99
8) Phenanthrene-d10	18.15	2460	360473	No Calib		
9) Terbufos	18.24	2475	226036	6.76	ng/uL	99
10) Diazinon	18.78	2570	100758	4.33	ng/uL	97
11) Metribuzin	19.96	2777	121966	4.93	ng/uL	99
12) Acetochlor	20.14	2808	51157	2.99	ng/uL	97
13) Alachlor	20.42	2857	71141	3.00	ng/uL	97
14) Bromacil	21.07	2971	132120	6.31	ng/uL	99
15) Metolachlor	21.42	3032	174587	2.38	ng/uL	100
16) Cyanazine	21.55	3054	27494	3.95	ng/uL	96
17) Pendimethalin	22.34	3192	101538	3.94	ng/uL	98
19) Alpha-Endosulfan	23.09	3324	14712	3.03	ng/uL	96
20) Fenamiphos	23.29	3359	134696	9.59	ng/uL	99
21) Beta-Endosulfan	24.08	3497	16771	3.03	ng/uL	96
23) Chrysene-d12	25.40	3728	275203	No Calib		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

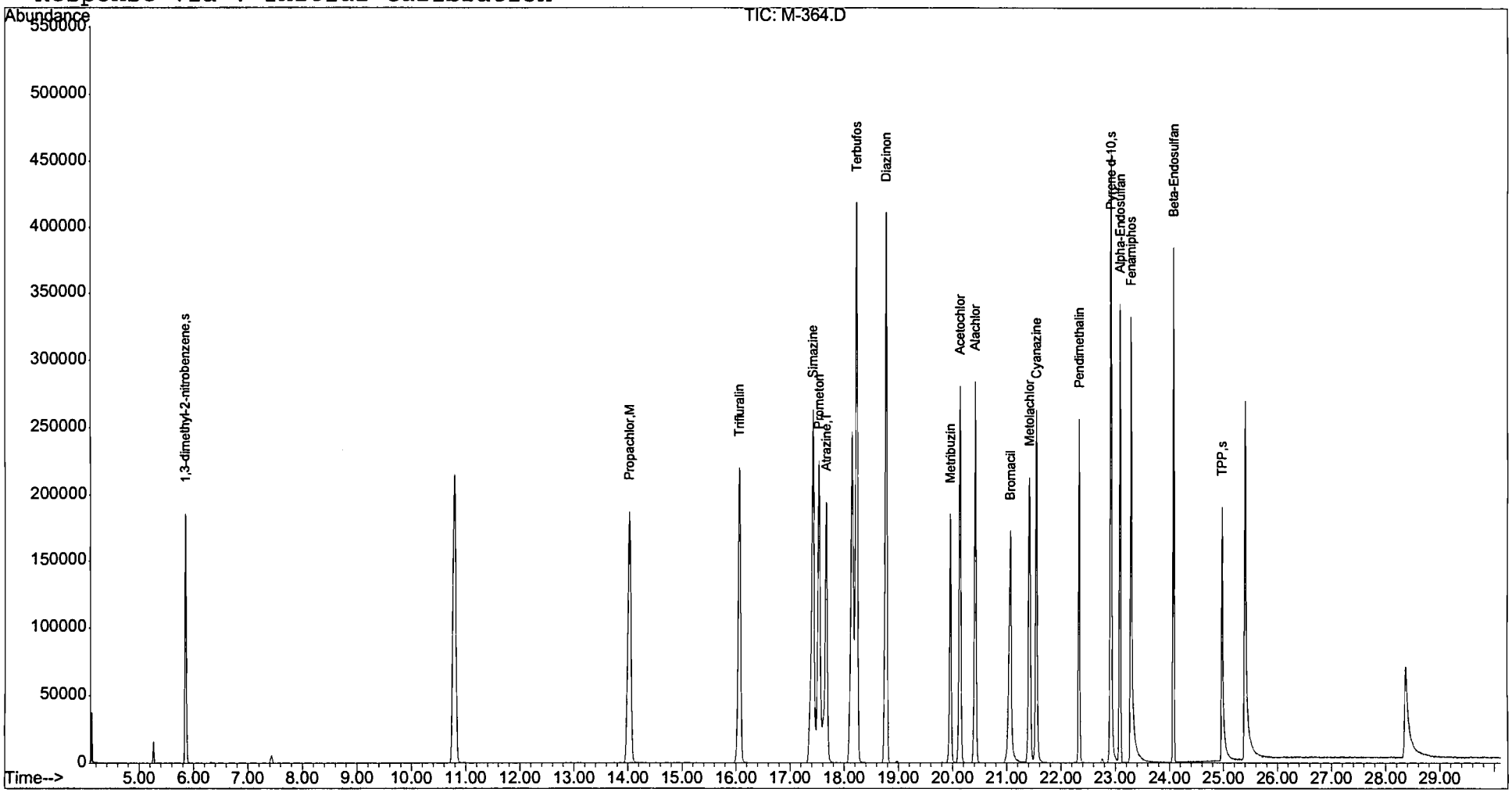
Data File : C:\HPCHEM\1\DATA\BATCH132\M-364.D
Acq On : 11 Dec 2000 11:41
Sample : m-364
Misc :

Vial: 5
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:12 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\M-365.D
Acq On : 11 Dec 2000 12:22
Sample : m-365
Misc :

Vial: 6
Operator: Charity Carpent
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:12 2001

Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	66948	2.99 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 175.88%	
18) Pyrene d-10	22.92	3295	508088	2.98 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 186.25%	
22) TPP	24.97	3654	131147	3.04 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 178.82%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	234477	No Calib	
3) Propachlor	14.04	1741	278796	5.92 ng/uL	97
4) Trifluralin	16.08	2098	228085	8.17 ng/uL	98
5) Simazine	17.44	2337	183659	8.46 ng/uL	97
6) Prometon	17.54	2354	149970	4.98 ng/uL	97
7) Atrazine	17.68	2378	130956	3.53 ng/uL	98
8) Phenanthrene-d10	18.15	2461	376926	No Calib	
9) Terbufos	18.24	2476	325771	8.75 ng/uL	98
10) Diazinon	18.78	2571	140418	5.75 ng/uL	97
11) Metribuzin	19.97	2778	181885	6.26 ng/uL	98
12) Acetochlor	20.14	2809	69903	3.94 ng/uL	99
13) Alachlor	20.42	2858	97777	3.96 ng/uL	97
14) Bromacil	21.09	2974	201725	8.06 ng/uL	97
15) Metolachlor	21.42	3032	245704	3.17 ng/uL	100
16) Cyanazine	21.55	3056	40070	5.01 ng/uL	98
17) Pendimethalin	22.34	3193	159244	5.05 ng/uL	98
19) Alpha-Endosulfan	23.09	3325	19556	3.96 ng/uL	96
20) Fenamiphos	23.30	3361	215146	11.82 ng/uL	93
21) Beta-Endosulfan	24.07	3497	21564	3.82 ng/uL	96
23) Chrysene-d12	25.40	3728	285222	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

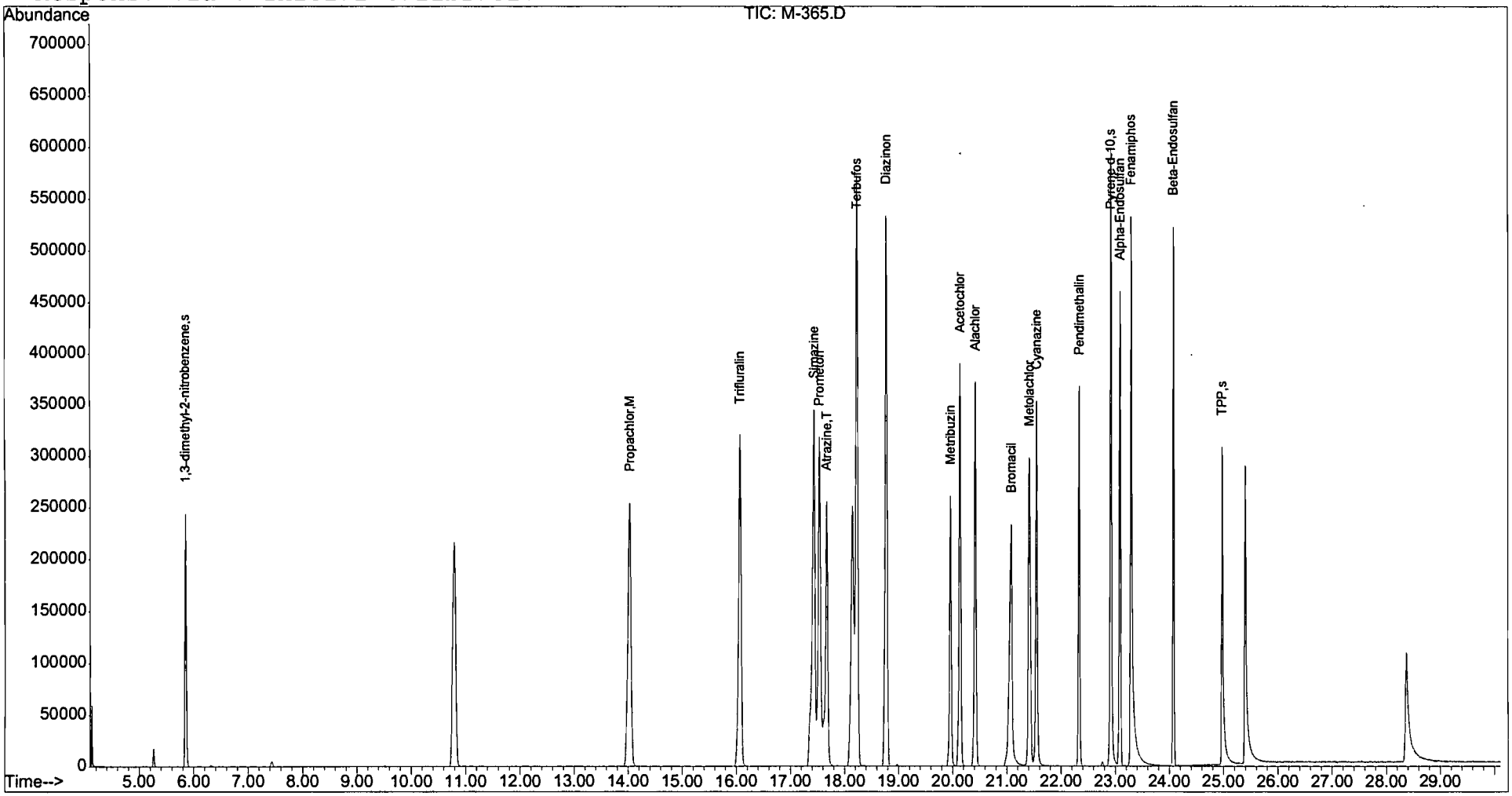
Data File : C:\HPCHEM\1\DATA\BATCH132\M-365.D
Acq On : 11 Dec 2000 12:22
Sample : m-365
Misc :

Vial: 6
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:12 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\M-366.D
Acq On : 11 Dec 2000 13:03
Sample : m-366
Misc :

Vial: 7
Operator: Charity Carpent
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:12 2001

Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
1) 1,3-dimethyl-2-nitrobenzen	5.85	308	87780	3.89	ng/uL	-0.01
Spiked Amount 1.700			Recovery	=	228.82%	
18) Pyrene d-10	22.92	3295	671060	3.88	ng/uL	0.00
Spiked Amount 1.600			Recovery	=	242.50%	
22) TPP	24.97	3654	189216	3.79	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	222.94%	

Target Compounds						Qvalue
2) Acenaphthene-d10	10.79	1173	245116	No Calib		
3) Propachlor	14.04	1741	379816	7.83	ng/uL	97
4) Trifluralin	16.07	2097	340441	10.03	ng/uL	97
5) Simazine	17.45	2338	200836	9.21	ng/uL	96
6) Prometon	17.55	2355	203381	6.51	ng/uL	97
7) Atrazine	17.69	2379	176799	4.67	ng/uL	98
8) Phenanthrene-d10	18.15	2461	400461	No Calib		
9) Terbufos	18.24	2476	450097	10.96	ng/uL	97
10) Diazinon	18.78	2571	189806	7.53	ng/uL	96
11) Metribuzin	19.97	2779	263828	7.79	ng/uL	99
12) Acetochlor	20.14	2809	94353	5.18	ng/uL	98
13) Alachlor	20.42	2858	131727	5.18	ng/uL	97
14) Bromacil	21.10	2977	294765	9.99	ng/uL	98
15) Metolachlor	21.42	3032	337325	4.18	ng/uL	98
16) Cyanazine	21.55	3056	58341	6.31	ng/uL	98
17) Pendimethalin	22.34	3193	237598	6.29	ng/uL	97
19) Alpha-Endosulfan	23.09	3325	25803	5.15	ng/uL	97
20) Fenamiphos	23.30	3361	367251	15.07	ng/uL	98
21) Beta-Endosulfan	24.08	3497	30130	5.24	ng/uL	95
23) Chrysene-d12	25.40	3728	308332	No Calib		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

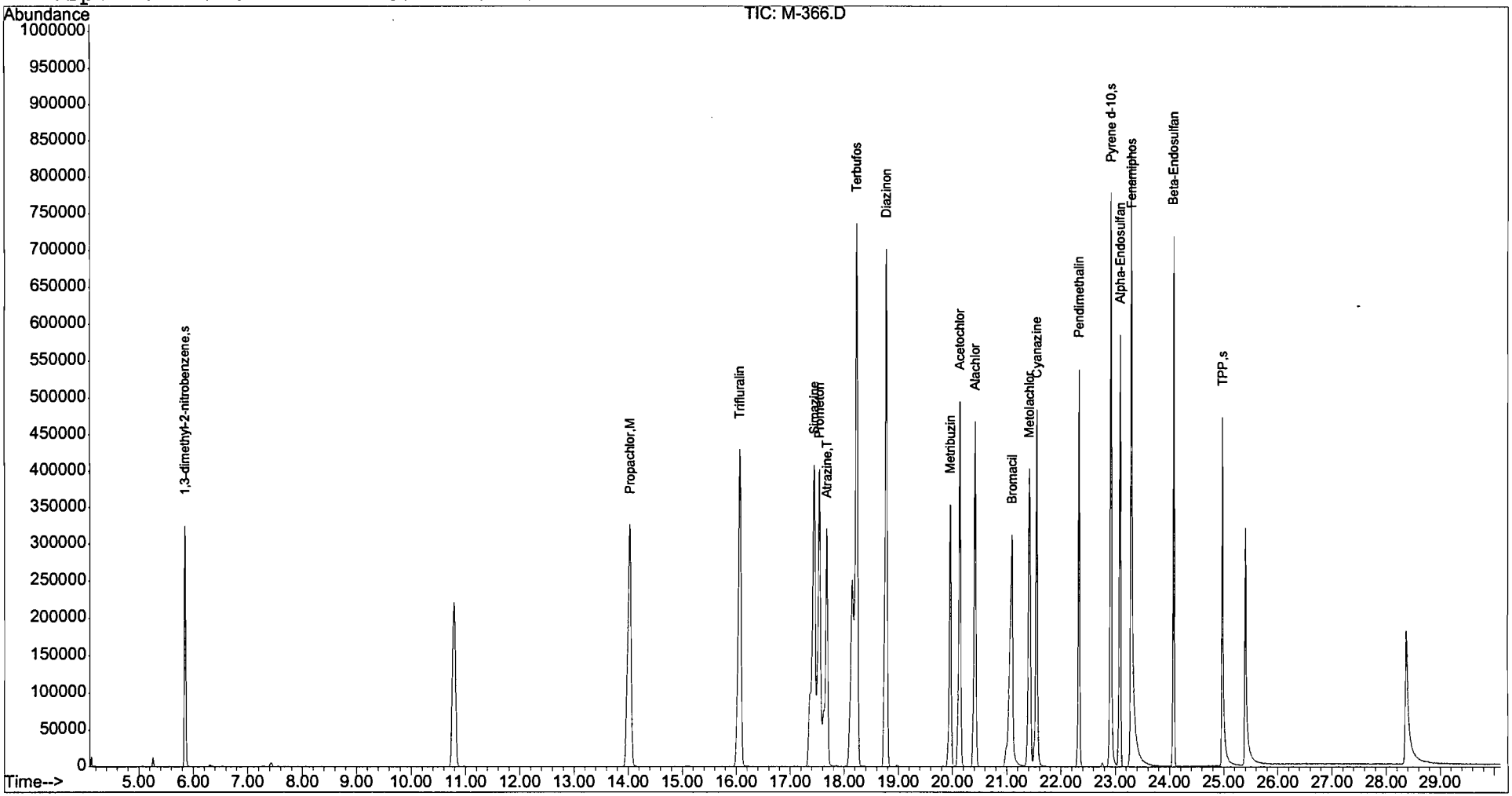
Data File : C:\HPCHEM\1\DATA\BATCH132\M-366.D
Acq On : 11 Dec 2000 13:03
Sample : m-366
Misc :

Vial: 7
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:12 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\1-CCV.D
Acq On : 11 Dec 2000 14:26
Sample : 1-ccv
Misc :

Vial: 4
Operator: Charity Carpent
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:07 2001

Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	33174	1.54	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	90.59%	
18) Pyrene d-10	22.92	3295	248544	1.55	ng/uL	-0.01
Spiked Amount 1.600			Recovery	=	96.88%	
22) TPP	24.98	3655	55183	1.80	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	105.88%	

Target Compounds						Qvalue
2) Acenaphthene-d10	10.79	1172	241686	No Calib		
3) Propachlor	14.03	1740	130090	3.11	ng/uL	96
4) Trifluralin	16.07	2097	90400	5.02	ng/uL	97
5) Simazine	17.42	2333	87755	4.27	ng/uL	98
6) Prometon	17.54	2353	70205	2.69	ng/uL	98
7) Atrazine	17.67	2376	64806	1.88	ng/uL	97
8) Phenanthrene-d10	18.15	2461	386354	No Calib		
9) Terbufos	18.23	2475	147779	4.99	ng/uL	100
10) Diazinon	18.78	2570	66185	3.09	ng/uL	96
11) Metribuzin	19.96	2777	78914	3.78	ng/uL	99
12) Acetochlor	20.14	2809	33339	2.09	ng/uL	98
13) Alachlor	20.42	2858	45796	2.09	ng/uL	98
14) Bromacil	21.06	2969	87194	4.95	ng/uL	98
15) Metolachlor	21.42	3032	113551	1.70	ng/uL	99
16) Cyanazine	21.54	3054	17400	2.93	ng/uL	95
17) Pendimethalin	22.34	3193	58997	2.90	ng/uL	97
19) Alpha-Endosulfan	23.09	3324	9721	2.08	ng/uL	97
20) Fenamiphos	23.29	3360	76968	7.49	ng/uL	92
21) Beta-Endosulfan	24.07	3497	10815	2.05	ng/uL	97
23) Chrysene-d12	25.40	3729	278695	No Calib		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

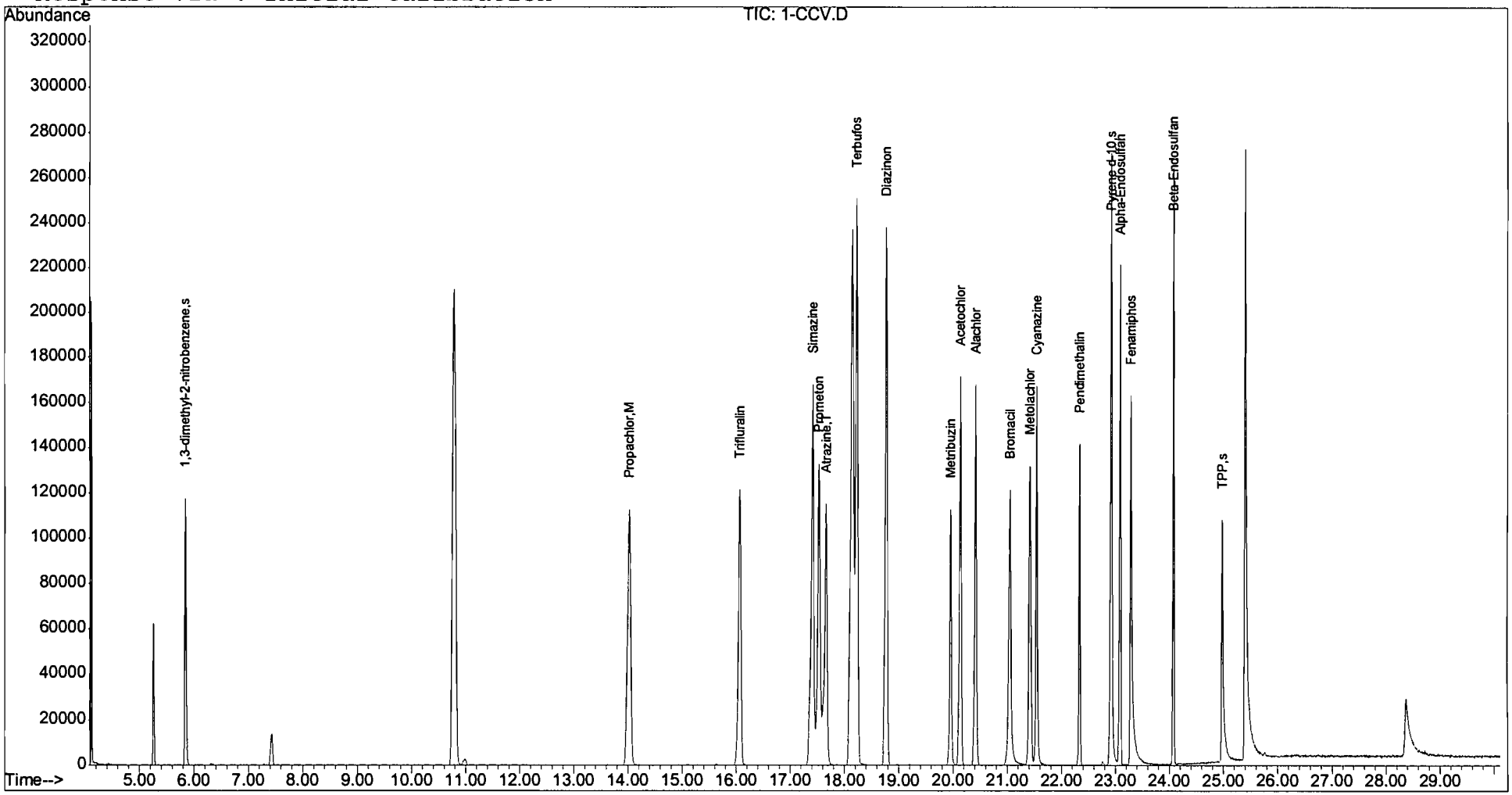
Data File : C:\HPCHEM\1\DATA\BATCH132\1-CCV.D
Acq On : 11 Dec 2000 14:26
Sample : 1-ccv
Misc :

Vial: 4
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:07 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\2-CCV.D
Acq On : 11 Dec 2000 21:19
Sample : 2-ccv
Misc :

Vial: 4
Operator: Charity Carpent
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:07 2001

Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.86	309	31165	1.46 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 85.88%	
18) Pyrene d-10	22.92	3295	236596	1.49 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 93.12%	
22) TPP	24.97	3654	60206	1.90 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 111.76%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1175	229820	No Calib	
3) Propachlor	14.03	1740	126460	3.04 ng/uL	96
4) Trifluralin	16.07	2097	83590	4.81 ng/uL	98
5) Simazine	17.42	2333	85186	4.15 ng/uL	97
6) Prometon	17.53	2352	66174	2.57 ng/uL	98
7) Atrazine	17.67	2376	61694	1.81 ng/uL	99
8) Phenanthrene-d10	18.15	2460	363417	No Calib	
9) Terbufos	18.24	2476	142576	4.87 ng/uL	99
10) Diazinon	18.78	2570	63653	2.99 ng/uL	96
11) Metribuzin	19.96	2777	75228	3.67 ng/uL	98
12) Acetochlor	20.14	2808	31849	2.01 ng/uL	98
13) Alachlor	20.42	2857	44093	2.03 ng/uL	97
14) Bromacil	21.05	2968	93552	5.16 ng/uL	99
15) Metolachlor	21.42	3032	109341	1.65 ng/uL	99
16) Cyanazine	21.54	3053	16579	2.84 ng/uL	94
17) Pendimethalin	22.33	3192	53321	2.74 ng/uL	97
19) Alpha-Endosulfan	23.09	3324	9142	1.97 ng/uL	98
20) Fenamiphos	23.29	3359	86515	7.89 ng/uL	96
21) Beta-Endosulfan	24.08	3497	10254	1.96 ng/uL	95
23) Chrysene-d12	25.40	3728	280847	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

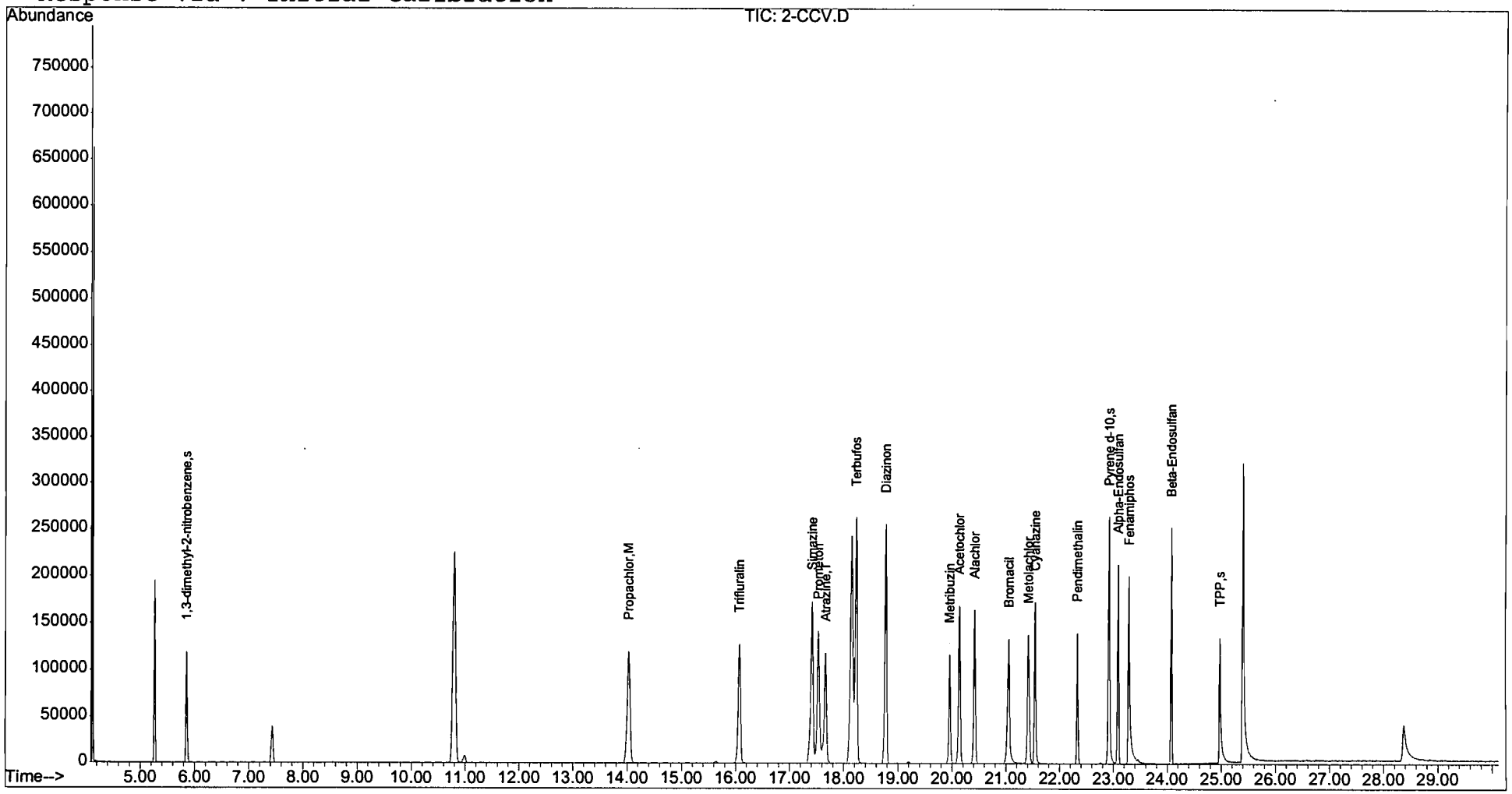
Data File : C:\HPCHEM\1\DATA\BATCH132\2-CCV.D
Acq On : 11 Dec 2000 21:19
Sample : 2-ccv
Misc :

Vial: 4
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:07 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\3-CCV.D
Acq On : 12 Dec 2000 4:49
Sample : 3-ccv
Misc :

Vial: 4
Operator: Charity Carpent
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:07 2001

Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	31028	1.45 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 85.29%	
18) Pyrene d-10	22.92	3294	232815	1.47 ng/uL	-0.01
Spiked Amount 1.600			Recovery	= 91.88%	
22) TPP	24.97	3654	63353	1.96 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 115.29%	
Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	227746	No Calib	
3) Propachlor	14.03	1740	129138	3.09 ng/uL	98
4) Trifluralin	16.07	2097	88134	4.95 ng/uL	97
5) Simazine	17.42	2333	84394	4.12 ng/uL	97
6) Prometon	17.53	2352	67422	2.61 ng/uL	97
7) Atrazine	17.66	2375	61520	1.80 ng/uL	98
8) Phenanthrene-d10	18.15	2460	359957	No Calib	
9) Terbufos	18.23	2475	147088	4.97 ng/uL	99
10) Diazinon	18.77	2569	63118	2.98 ng/uL	98
11) Metribuzin	19.95	2776	80183	3.82 ng/uL	99
12) Acetochlor	20.14	2808	31410	1.99 ng/uL	98
13) Alachlor	20.42	2857	44592	2.05 ng/uL	98
14) Bromacil	21.05	2968	97826	5.30 ng/uL	99
15) Metolachlor	21.42	3032	112174	1.69 ng/uL	100
16) Cyanazine	21.54	3053	18653	3.07 ng/uL	97
17) Pendimethalin	22.33	3192	56716	2.84 ng/uL	99
19) Alpha-Endosulfan	23.09	3324	8969	1.94 ng/uL	96
20) Fenamiphos	23.29	3359	94923	8.21 ng/uL	89
21) Beta-Endosulfan	24.08	3497	10272	1.96 ng/uL	97
23) Chrysene-d12	25.40	3728	282340	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

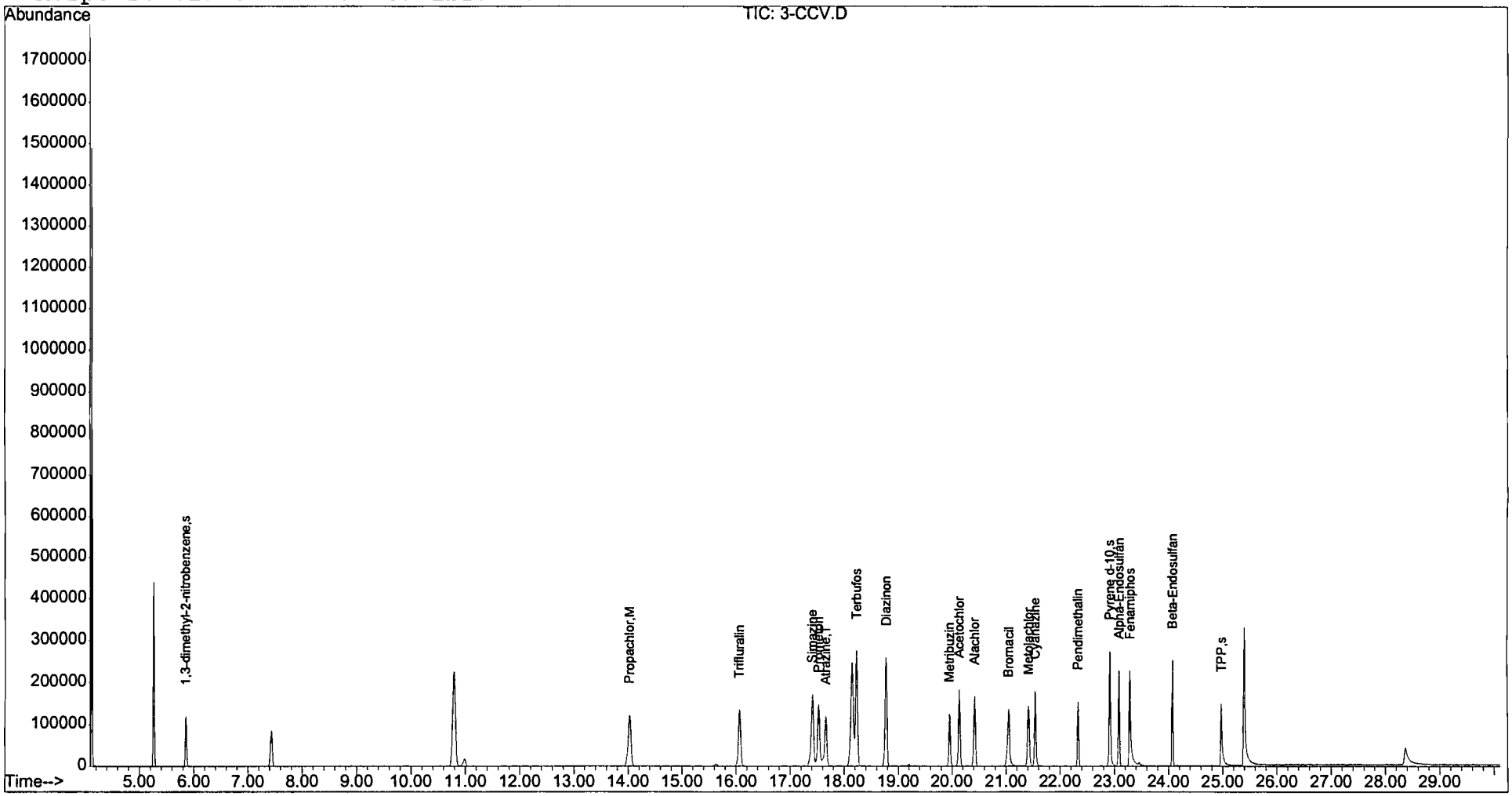
Data File : C:\HPCHEM\1\DATA\BATCH132\3-CCV.D
Acq On : 12 Dec 2000 4:49
Sample : 3-ccv
Misc :

Vial: 4
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:07 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\4-CCV.D Vial: 4
Acq On : 12 Dec 2000 7:32 Operator: Charity Carpent
Sample : 4-ccv Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:07 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	32089	1.50 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 88.24%	
18) Pyrene d-10	22.92	3295	241970	1.52 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 95.00%	
22) TPP	24.97	3654	67721	2.04 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 120.00%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.79	1173	230820	No Calib	
3) Propachlor	14.03	1740	134727	3.20 ng/uL	98
4) Trifluralin	16.07	2097	103454	5.40 ng/uL	97
5) Simazine	17.42	2333	87140	4.24 ng/uL	98
6) Prometon	17.53	2352	72003	2.74 ng/uL	98
7) Atrazine	17.66	2375	63121	1.84 ng/uL	97
8) Phenanthrene-d10	18.15	2461	368659	No Calib	
9) Terbufos	18.23	2475	156002	5.19 ng/uL	100
10) Diazinon	18.78	2570	65957	3.08 ng/uL	98
11) Metribuzin	19.96	2777	86493	4.00 ng/uL	100
12) Acetochlor	20.14	2808	33270	2.08 ng/uL	97
13) Alachlor	20.42	2857	45964	2.10 ng/uL	98
14) Bromacil	21.05	2968	104576	5.51 ng/uL	99
15) Metolachlor	21.41	3031	117001	1.74 ng/uL	99
16) Cyanazine	21.54	3053	20237	3.24 ng/uL	97
17) Pendimethalin	22.33	3192	63988	3.04 ng/uL	99
19) Alpha-Endosulfan	23.09	3324	9181	1.98 ng/uL	97
20) Fenamiphos	23.29	3359	111248	8.81 ng/uL	98
21) Beta-Endosulfan	24.07	3497	10291	1.97 ng/uL	97
23) Chrysene-d12	25.39	3728	304731	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

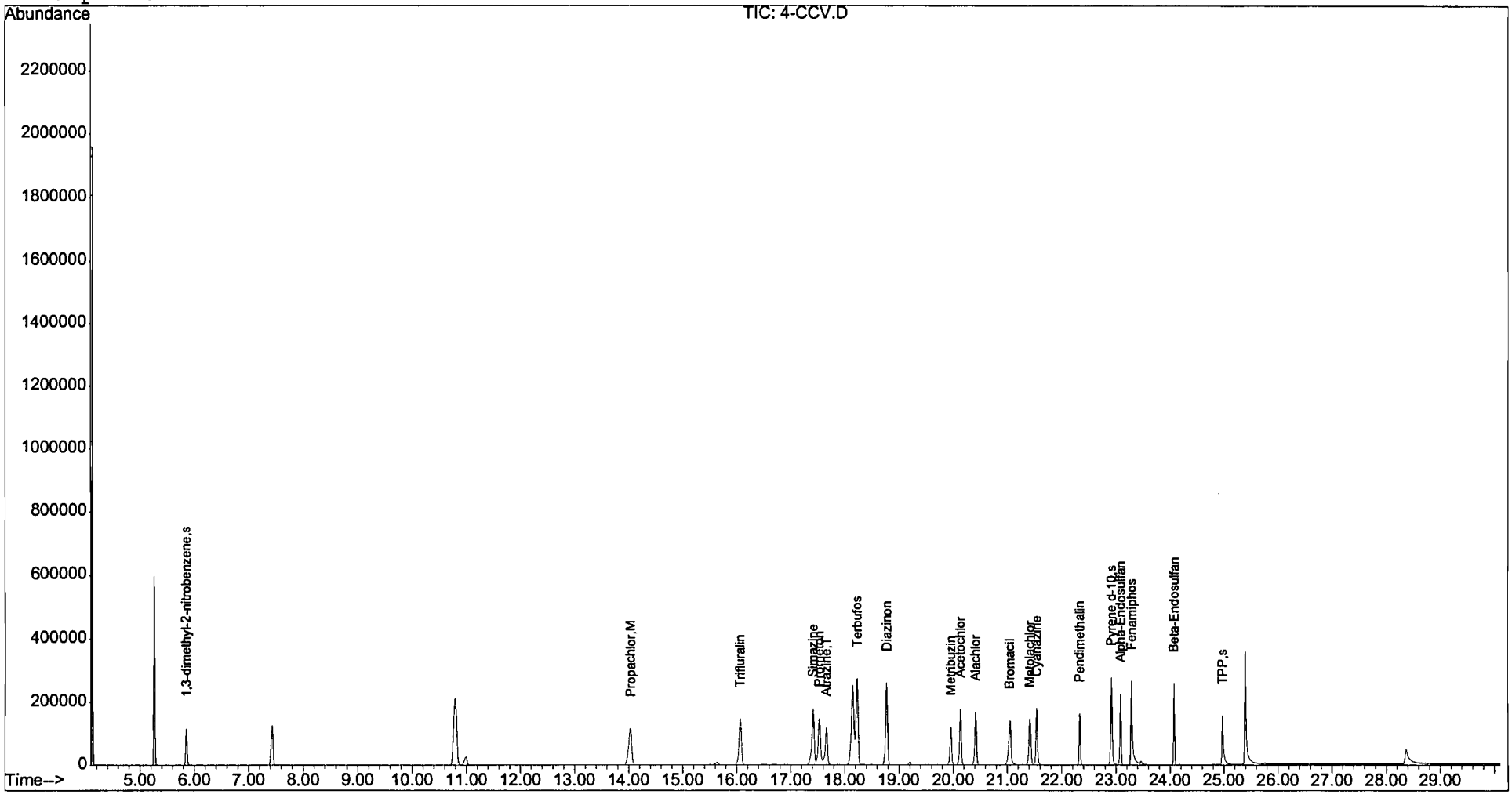
Data File : C:\HPCHEM\1\DATA\BATCH132\4-CCV.D
Acq On : 12 Dec 2000 7:32
Sample : 4-ccv
Misc :

Vial: 4
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:07 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK13867.D Vial: 9
Acq On : 11 Dec 2000 15:49 Operator: Charity Carpent
Sample : dk13867 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:07 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	24798	1.18	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	69.41%	
18) Pyrene d-10	22.92	3295	187867	1.22	ng/uL	-0.01
Spiked Amount 1.600			Recovery	=	76.25%	
22) TPP	24.98	3655	38056	1.44	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	84.71%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	244472	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2461	369300	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.40	3729	280675	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

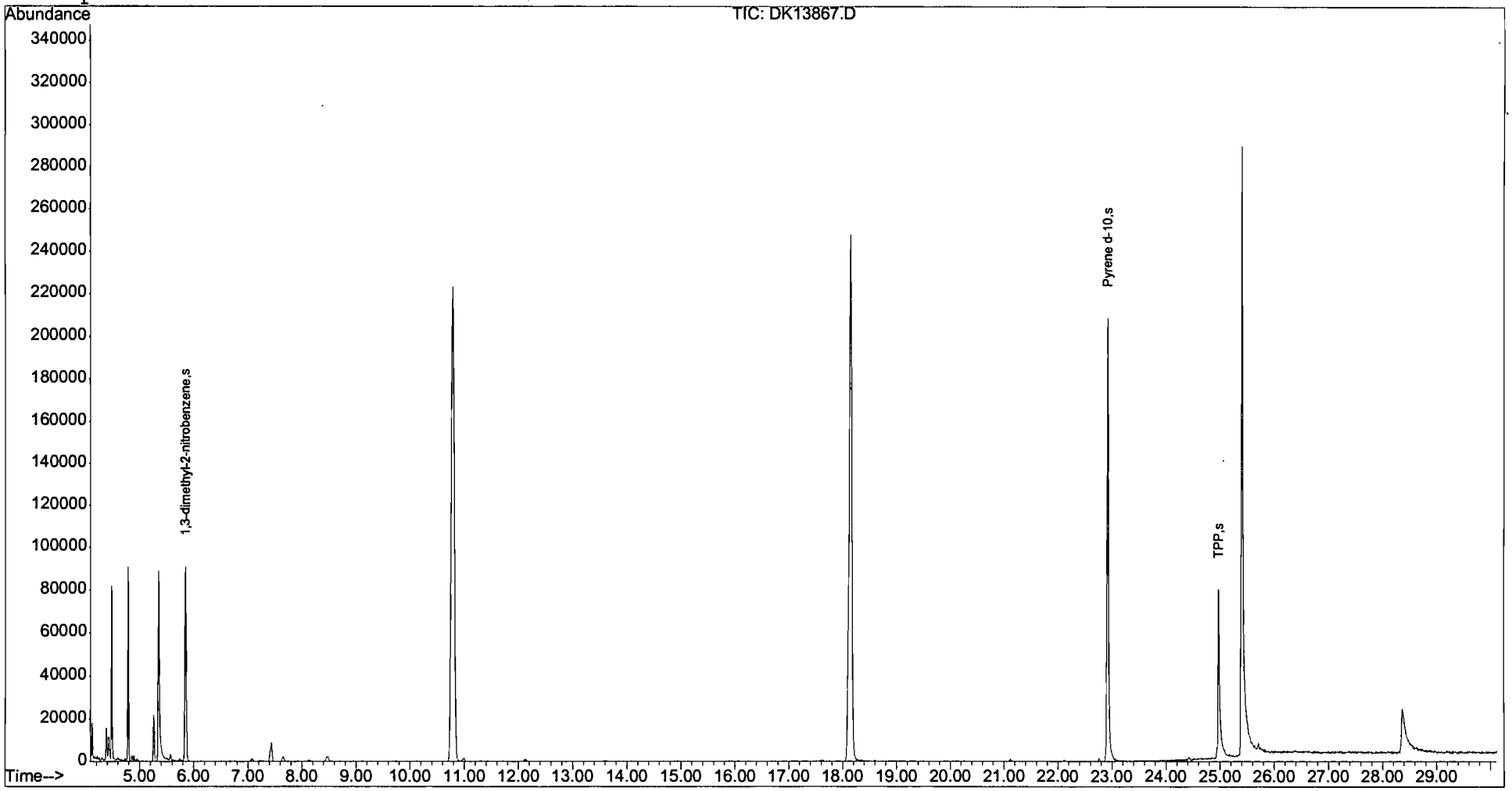
Data File : C:\HPCHEM\1\DATA\BATCH132\DK13867.D
Acq On : 11 Dec 2000 15:49
Sample : dk13867
Misc :

Vial: 9
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:07 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK13868.D Vial: 10
Acq On : 11 Dec 2000 16:30 Operator: Charity Carpent
Sample : dk13868 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:08 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	0.00	1	0	0.00 ng/uL	
Spiked Amount 1.700			Recovery	= 0.00%	
18) Pyrene d-10	22.92	3295	206221	1.32 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 82.50%	
22) TPP	24.97	3654	51746	1.73 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 101.76%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	248061	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2461	377811	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.40	3729	304821	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

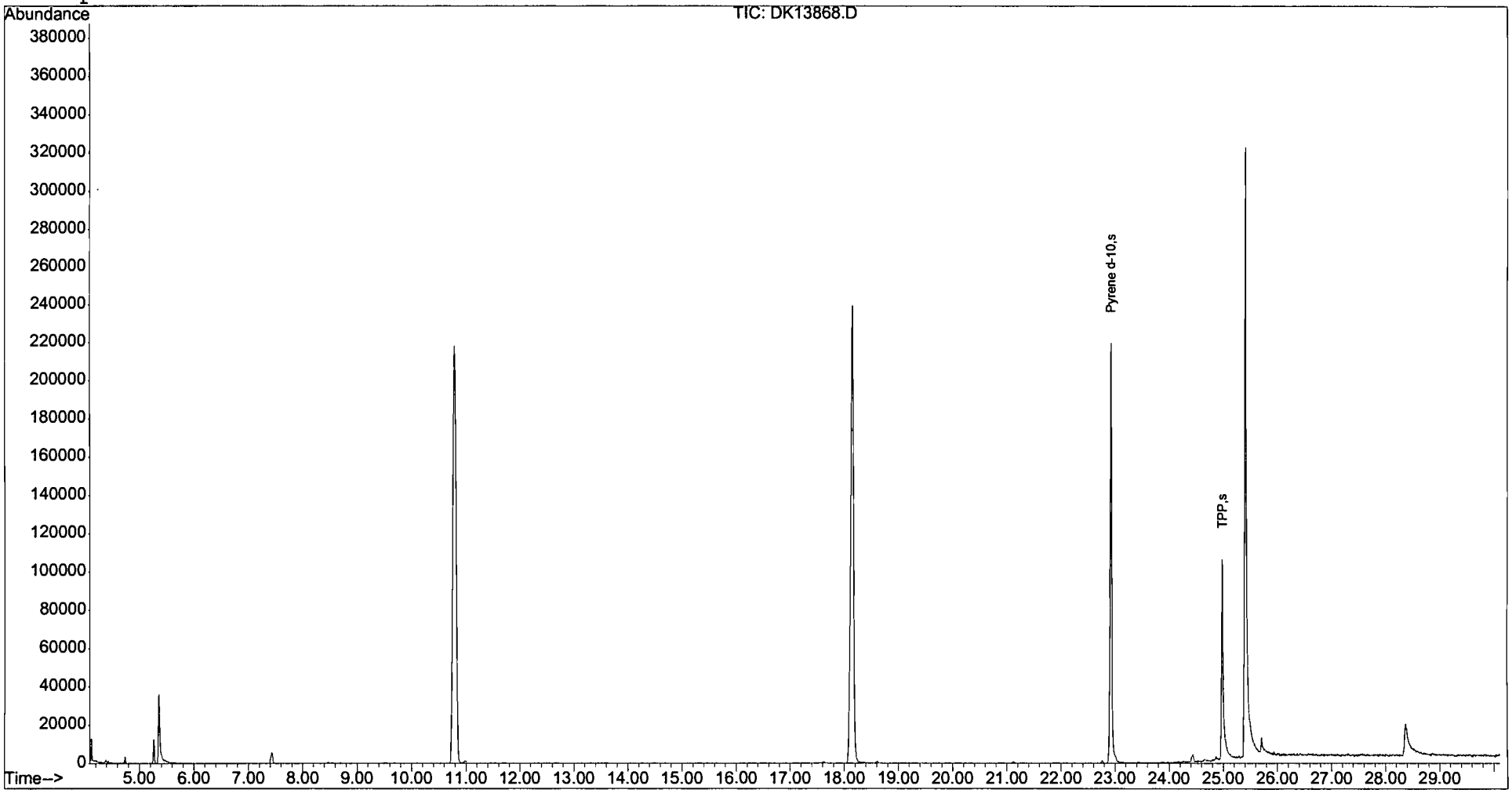
Data File : C:\HPCHEM\1\DATA\BATCH132\DK13868.D
Acq On : 11 Dec 2000 16:30
Sample : dk13868
Misc :

Vial: 10
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:08 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK13869.D Vial: 11
Acq On : 11 Dec 2000 17:12 Operator: Charity Carpent
Sample : dk13869 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:08 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	31416	1.47 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 86.47%	
18) Pyrene d-10	22.92	3295	255560	1.59 ng/uL	-0.01
Spiked Amount 1.600			Recovery	= 99.38%	
22) TPP	24.98	3655	56465	1.83 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 107.65%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	258957	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2461	397765	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.40	3729	314125	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

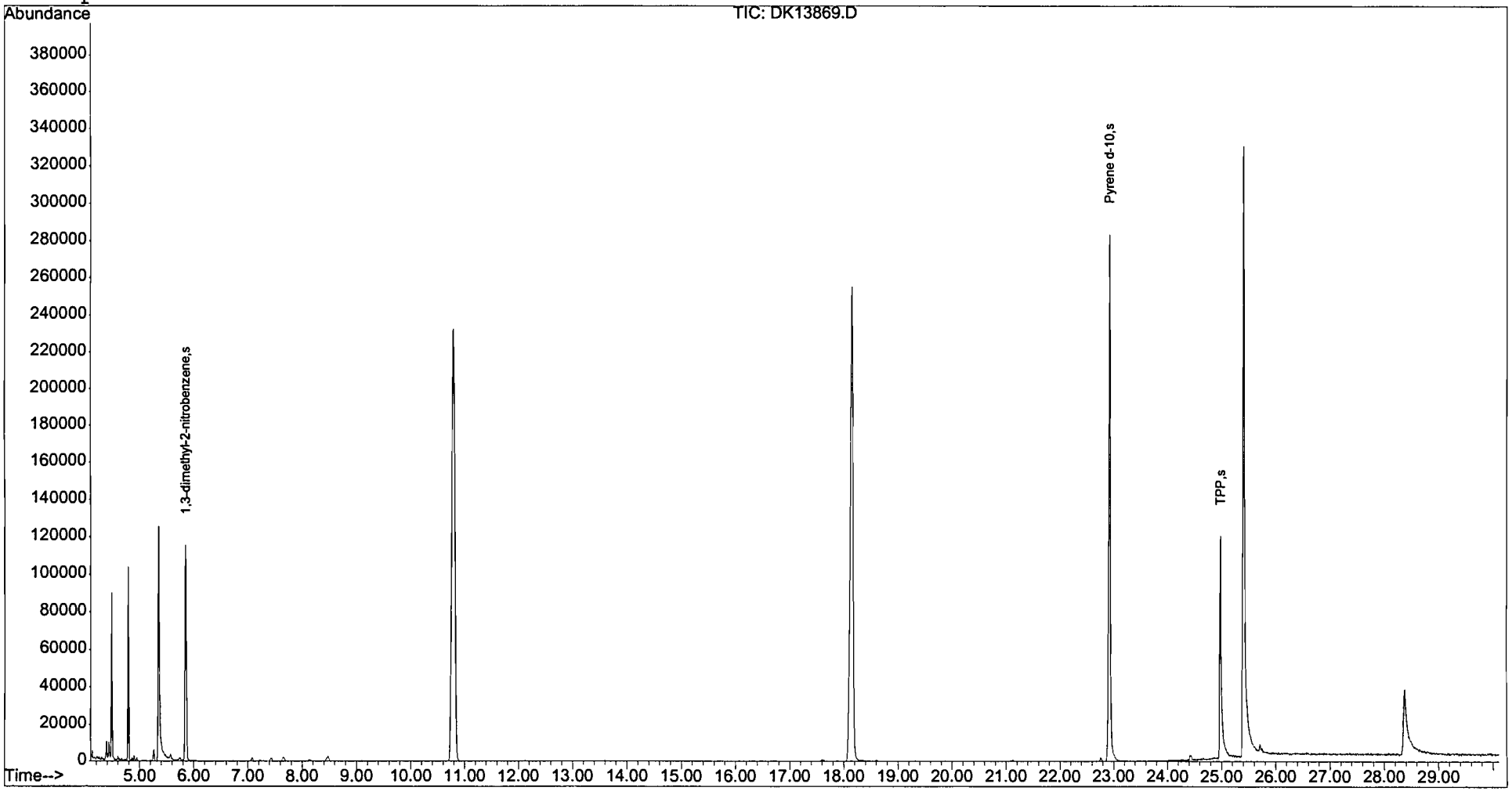
Data File : C:\HPCHEM\1\DATA\BATCH132\DK13869.D
Acq On : 11 Dec 2000 17:12
Sample : dk13869
Misc :

Vial: 11
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:08 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK13870.D Vial: 12
Acq On : 11 Dec 2000 17:53 Operator: Charity Carpent
Sample : dk13870 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:08 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	1036	0.16 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 9.41%	
18) Pyrene d-10	22.92	3295	229966	1.45 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 90.62%	
22) TPP	24.98	3655	50189	1.70 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 100.00%	

Target Compounds				Qvalue
2) Acenaphthene-d10	10.80	1174	249245	No Calib
3) Propachlor	0.00		0	N.D.
4) Trifluralin	0.00		0	N.D.
5) Simazine	0.00		0	N.D.
6) Prometon	0.00		0	N.D.
7) Atrazine	0.00		0	N.D.
8) Phenanthrene-d10	18.15	2460	378120	No Calib
9) Terbufos	0.00		0	N.D.
10) Diazinon	0.00		0	N.D.
11) Metribuzin	0.00		0	N.D.
12) Acetochlor	0.00		0	N.D.
13) Alachlor	0.00		0	N.D.
14) Bromacil	0.00		0	N.D.
15) Metolachlor	0.00		0	N.D.
16) Cyanazine	0.00		0	N.D.
17) Pendimethalin	0.00		0	N.D.
19) Alpha-Endosulfan	0.00		0	N.D.
20) Fenamiphos	0.00		0	N.D.
21) Beta-Endosulfan	0.00		0	N.D.
23) Chrysene-d12	25.40	3729	263471	No Calib

(#) = qualifier out of range (m) = manual integration

Quantitation Report

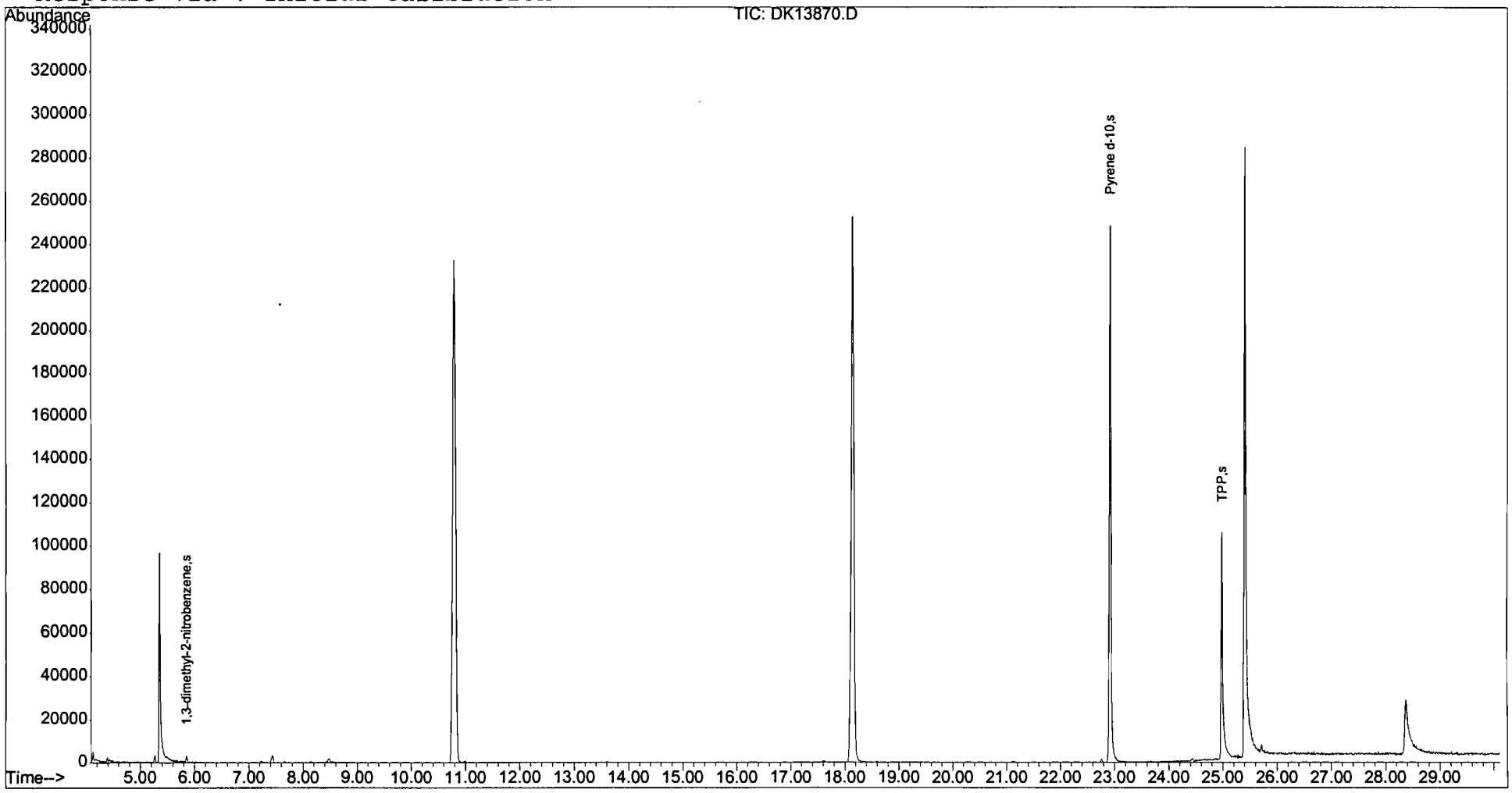
Data File : C:\HPCHEM\1\DATA\BATCH132\DK13870.D
Acq On : 11 Dec 2000 17:53
Sample : dk13870
Misc :

Vial: 12
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:08 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK13871.D Vial: 13
Acq On : 11 Dec 2000 18:34 Operator: Charity Carpent
Sample : dk13871 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:08 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
1) 1,3-dimethyl-2-nitrobenzen	0.00	1	0	0.00	ng/uL	
Spiked Amount 1.700			Recovery	=	0.00%	
18) Pyrene d-10	22.92	3295	246799	1.54	ng/uL	0.00
Spiked Amount 1.600			Recovery	=	96.25%	
22) TPP	24.98	3654	55950	1.82	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	107.06%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1173	254845	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2460	396242	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.40	3728	331326	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

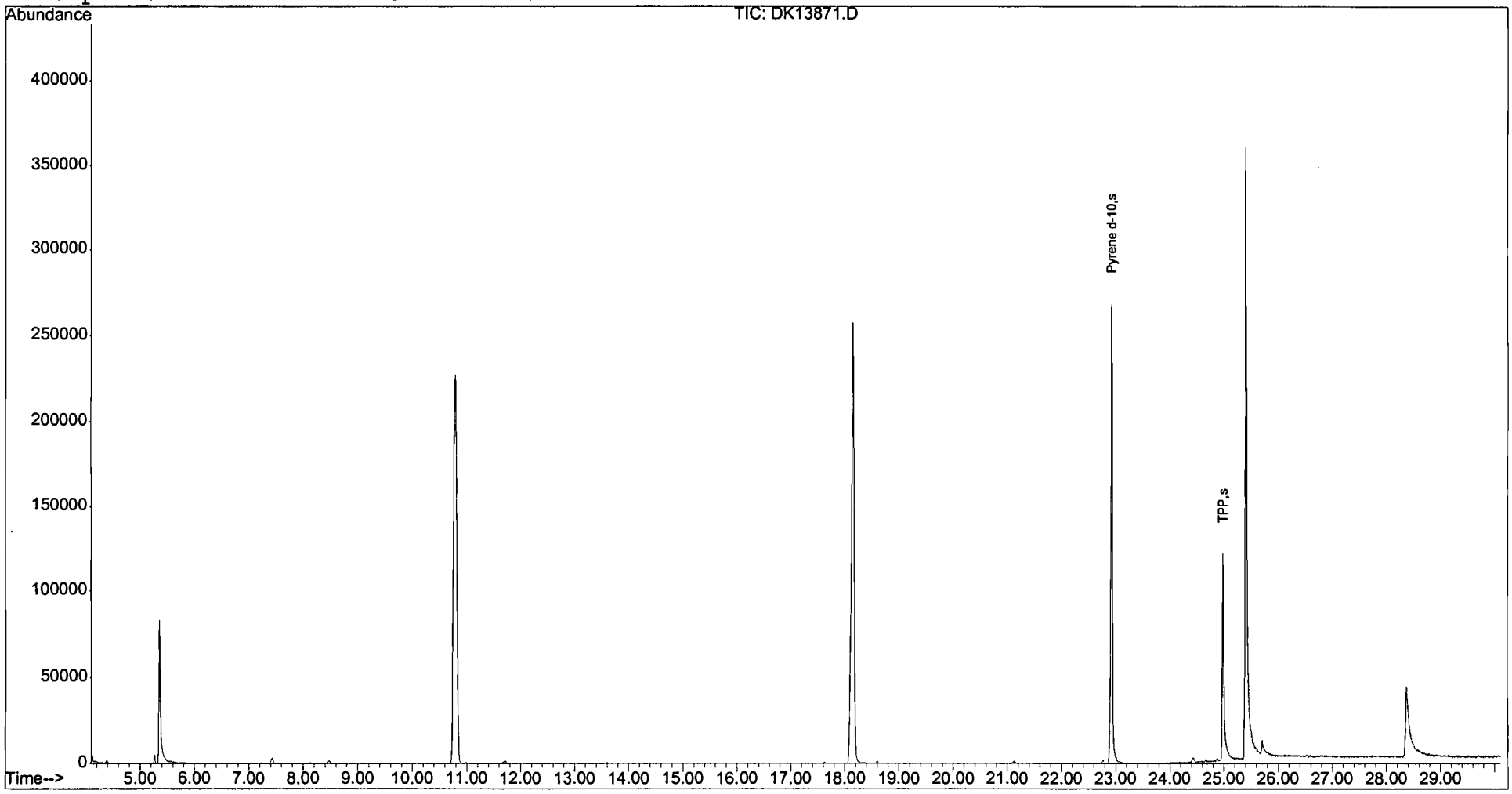
Data File : C:\HPCHEM\1\DATA\BATCH132\DK13871.D
Acq On : 11 Dec 2000 18:34
Sample : dk13871
Misc :

Vial: 13
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:08 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17096.D Vial: 14
Acq On : 11 Dec 2000 19:16 Operator: Charity Carpent
Sample : dk17096 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:08 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	30959	1.45 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 85.29%	
18) Pyrene d-10	22.92	3295	236238	1.49 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 93.12%	
22) TPP	24.98	3655	57022	1.84 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 108.24%	
Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	253127	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	~~17.66~~	~~2375~~	~~446~~	~~0.28 ng/uL#~~	BDL 36 JH 3/19/01
8) Phenanthrene-d10	18.15	2460	384216	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	~~21.42~~	~~3033~~	~~966~~	~~0.45 ng/uL#~~	BDL 42 JH 3/19/01
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.39	3728	315603	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

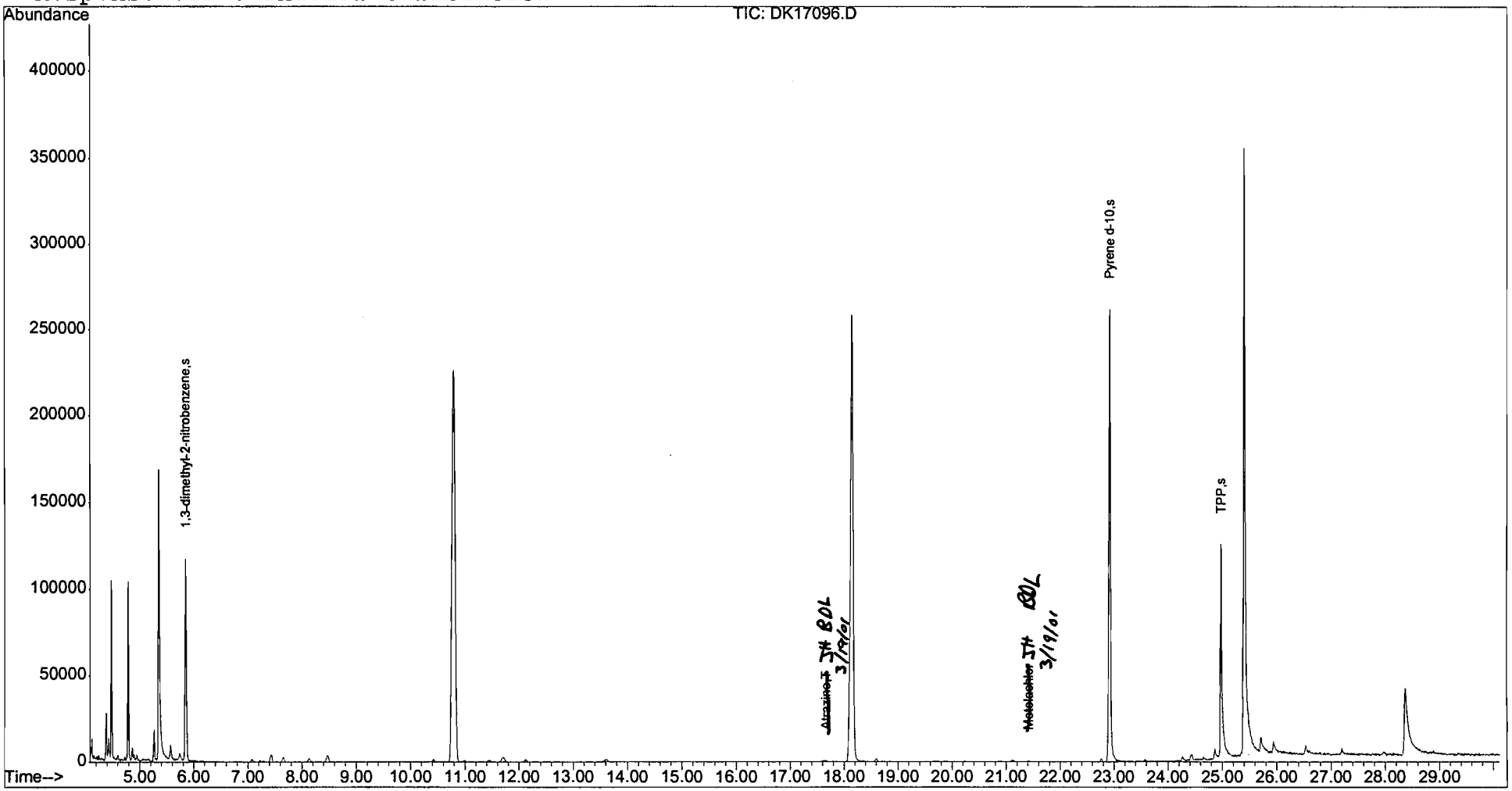
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17096.D
Acq On : 11 Dec 2000 19:16
Sample : dk17096
Misc :

Vial: 14
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:08 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17107.D Vial: 15
Acq On : 11 Dec 2000 19:57 Operator: Charity Carpent
Sample : dk17107 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:08 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.85	308	34198	1.59 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 93.53%	
18) Pyrene d-10	22.92	3295	270358	1.67 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 104.38%	
22) TPP	24.97	3654	65226	1.99 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 117.06%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.79	1173	269079	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2460	415207	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.40	3728	326260	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

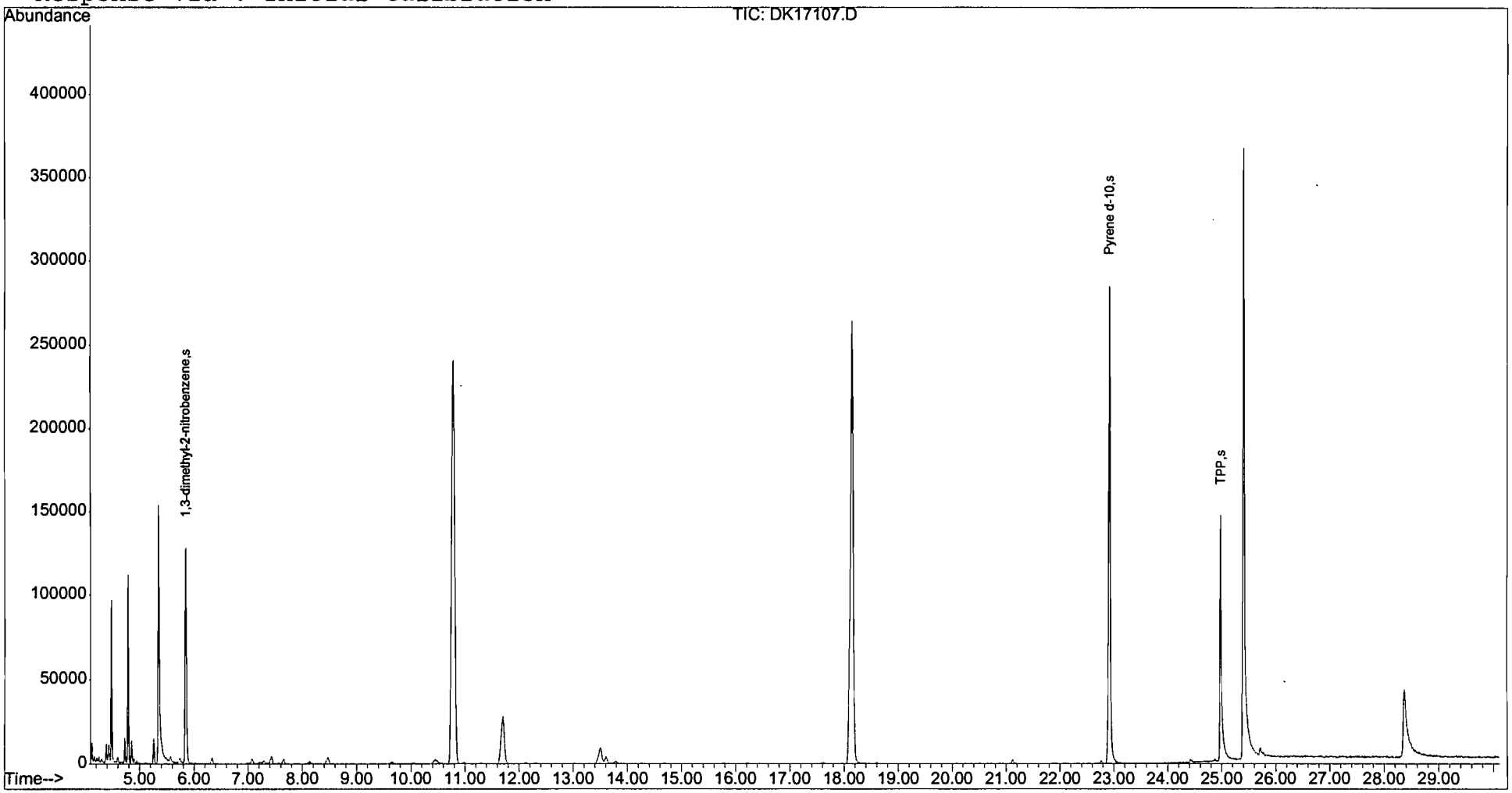
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17107.D
Acq On : 11 Dec 2000 19:57
Sample : dk17107
Misc :

Vial: 15
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:08 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17108.D Vial: 16
Acq On : 11 Dec 2000 20:38 Operator: Charity Carpent
Sample : dk17108 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:09 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.86	309	29331	1.38 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 81.18%	
18) Pyrene d-10	22.92	3295	238910	1.50 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 93.75%	
22) TPP	24.97	3654	55358	1.80 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 105.88%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	257802	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.16	2461	400574	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.40	3728	326125	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

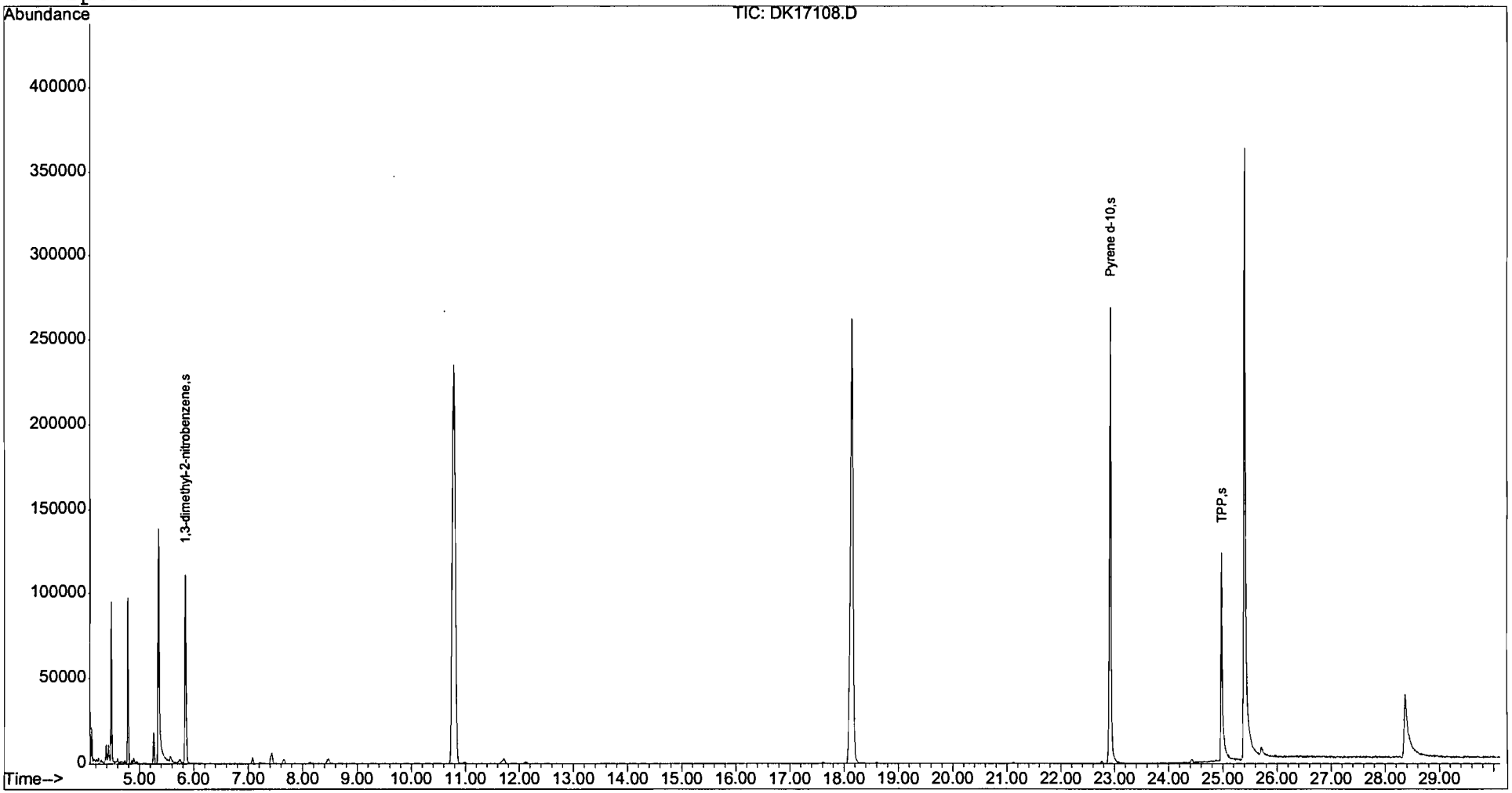
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17108.D
Acq On : 11 Dec 2000 20:38
Sample : dk17108
Misc :

Vial: 16
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:09 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17313.D Vial: 17
Acq On : 11 Dec 2000 22:00 Operator: Charity Carpent
Sample : dk17313 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:09 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	29359	1.38 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 81.18%	
18) Pyrene d-10	22.92	3295	215889	1.37 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 85.63%	
22) TPP	24.98	3655	54488	1.79 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 105.29%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1175	247489	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2460	379403	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.40	3729	308370	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

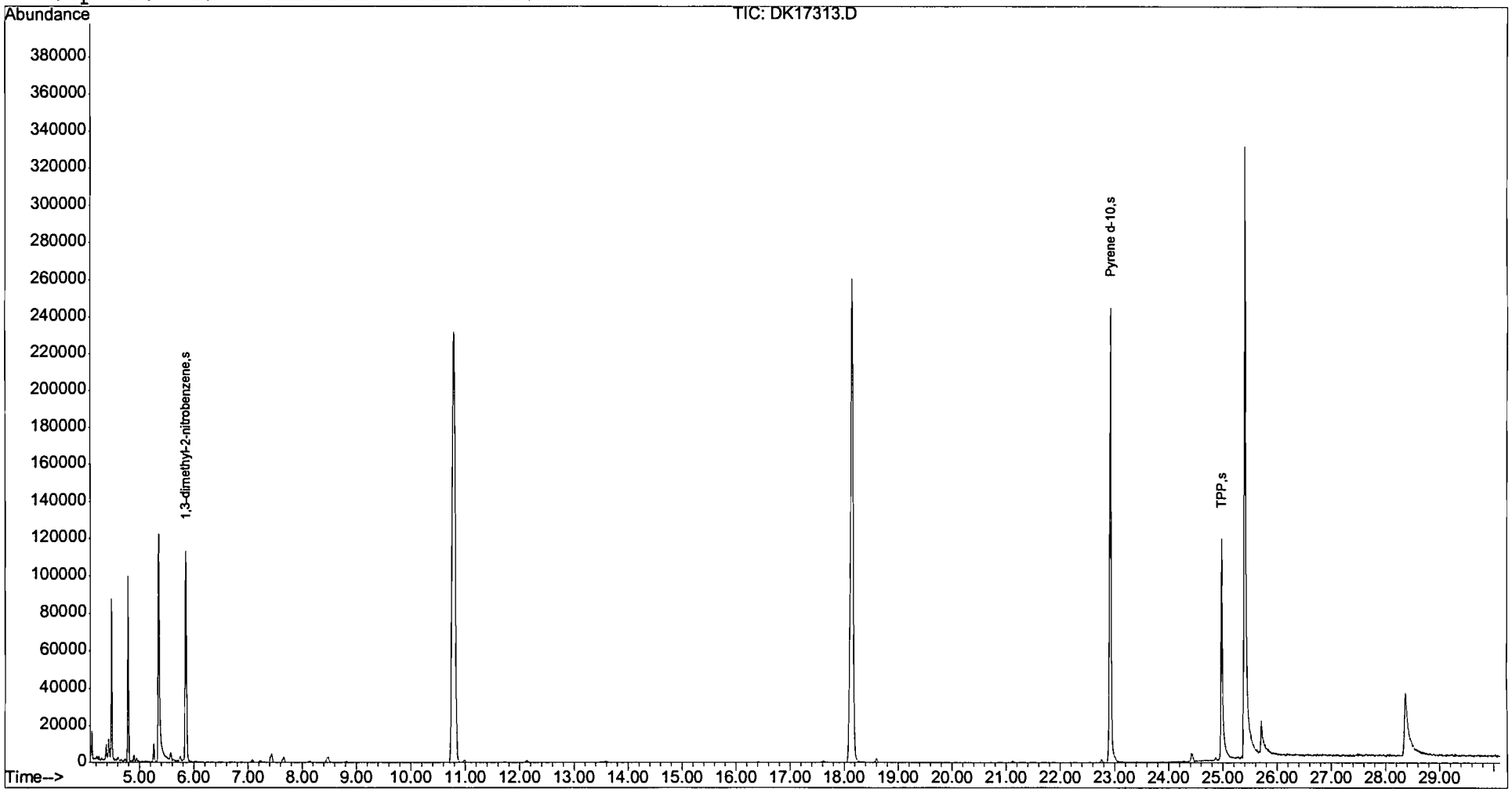
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17313.D
Acq On : 11 Dec 2000 22:00
Sample : dk17313
Misc :

Vial: 17
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:09 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17314.D Vial: 18
Acq On : 11 Dec 2000 22:41 Operator: Charity Carpent
Sample : dk17314 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:09 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.86	309	25878	1.23 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 72.35%	
18) Pyrene d-10	22.92	3294	198298	1.28 ng/uL	-0.01
Spiked Amount 1.600			Recovery	= 80.00%	
22) TPP	24.97	3654	48462	1.66 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 97.65%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	238551	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.16	2461	371051	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	~~18.75~~	~~2564~~	~~52~~	~~0.71 ng/uL#~~ BDL	13
11) Metribuzin	0.00		0	N.D.	JH 3/19/01
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.40	3728	294345	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

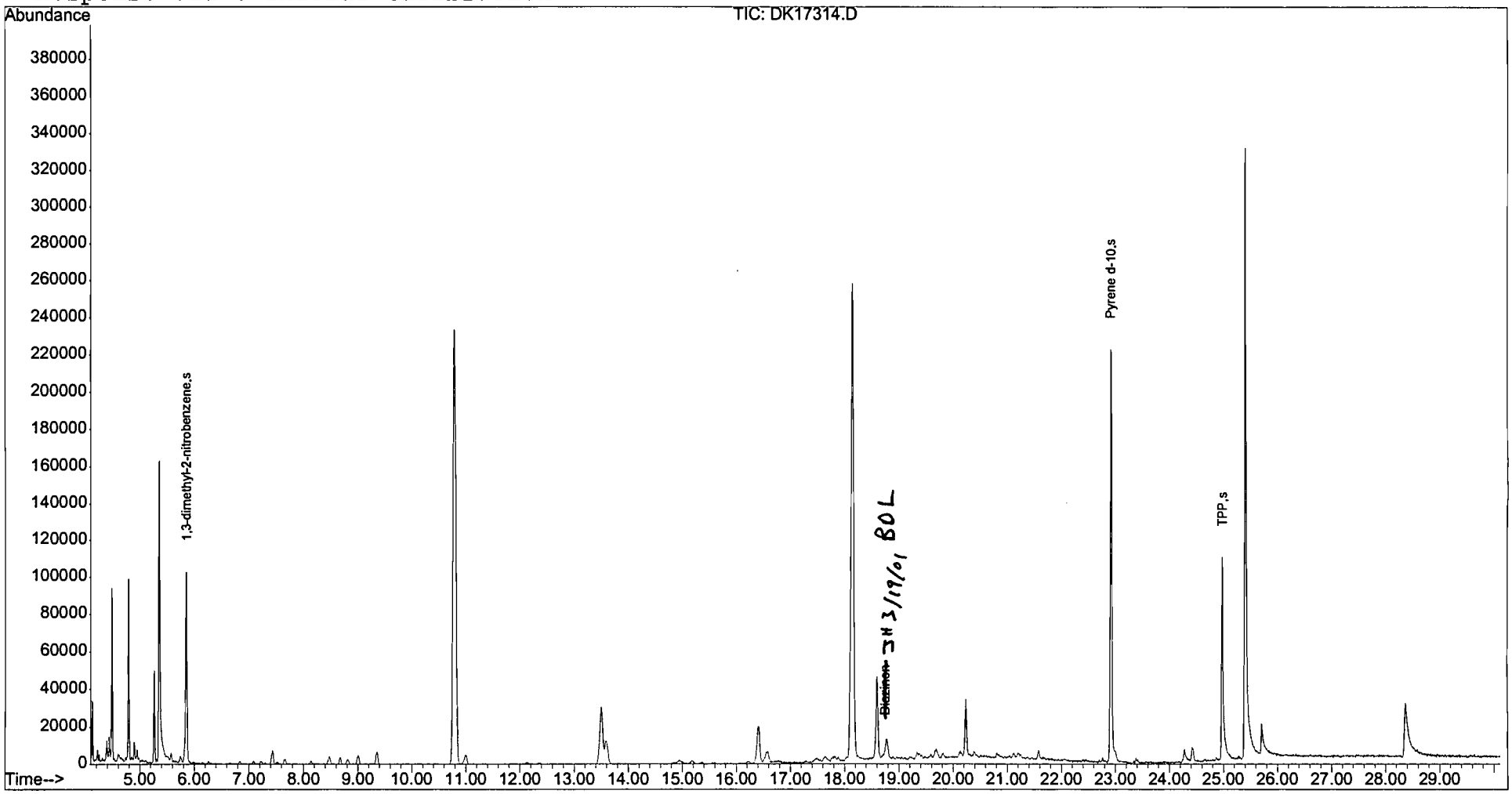
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17314.D
Acq On : 11 Dec 2000 22:41
Sample : dk17314
Misc :

Vial: 18
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:09 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17315.D Vial: 19
Acq On : 11 Dec 2000 23:22 Operator: Charity Carpent
Sample : dk17315 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:09 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.86	310	28018	1.32 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 77.65%	
18) Pyrene d-10	22.92	3295	206876	1.32 ng/uL	-0.01
Spiked Amount 1.600			Recovery	= 82.50%	
22) TPP	24.98	3655	50079	1.70 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 100.00%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1175	224160	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2461	340557	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.39	3728	275423	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

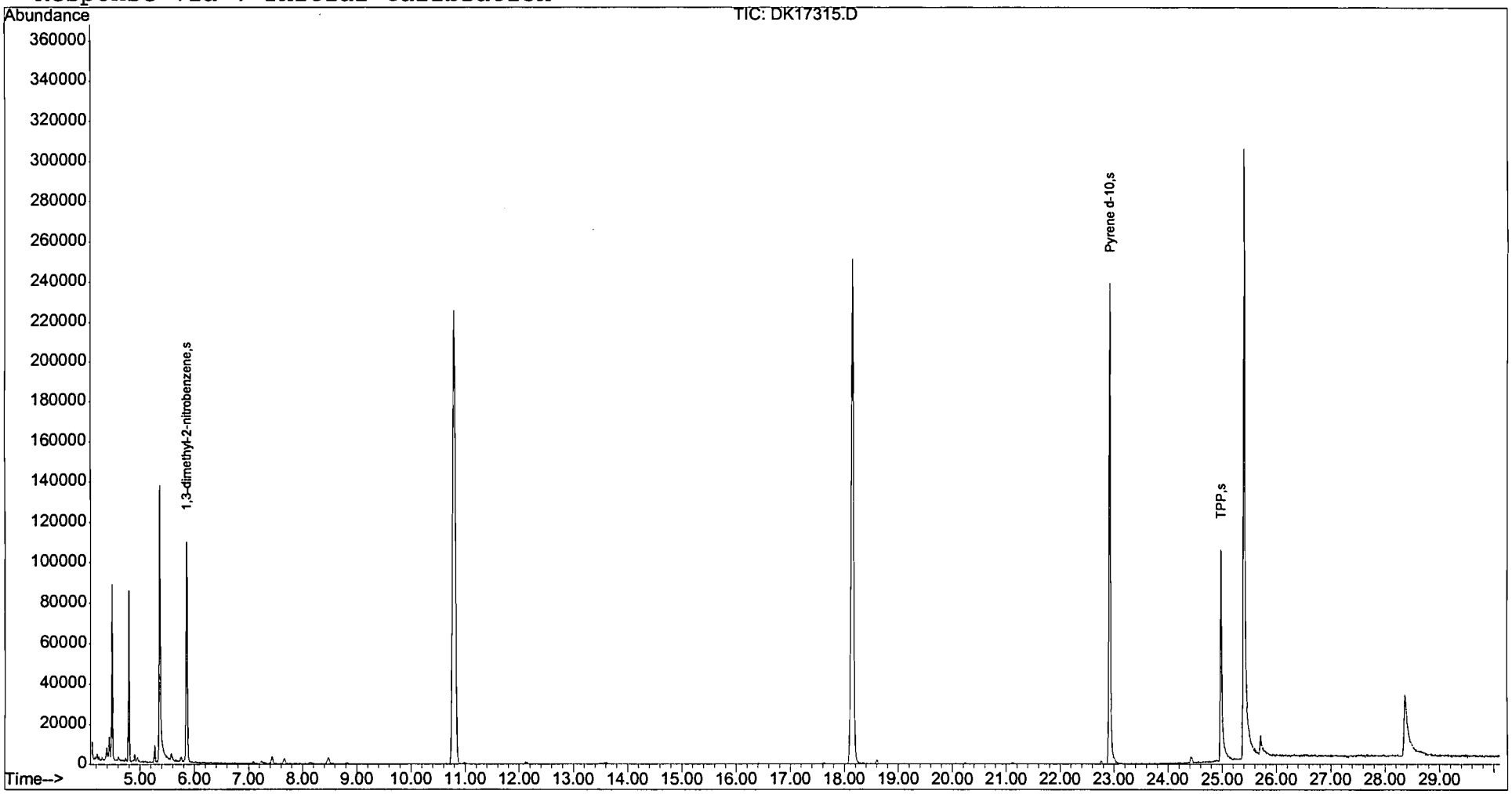
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17315.D
Acq On : 11 Dec 2000 23:22
Sample : dk17315
Misc :

Vial: 19
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:09 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17316.D Vial: 20
Acq On : 12 Dec 2000 00:03 Operator: Charity Carpent
Sample : dk17316 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:09 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	29968	1.41	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	82.94%	
18) Pyrene d-10	22.92	3295	233130	1.47	ng/uL	-0.01
Spiked Amount 1.600			Recovery	=	91.88%	
22) TPP	24.97	3654	55555	1.81	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	106.47%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	249815	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2460	392890	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.39	3728	323829	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

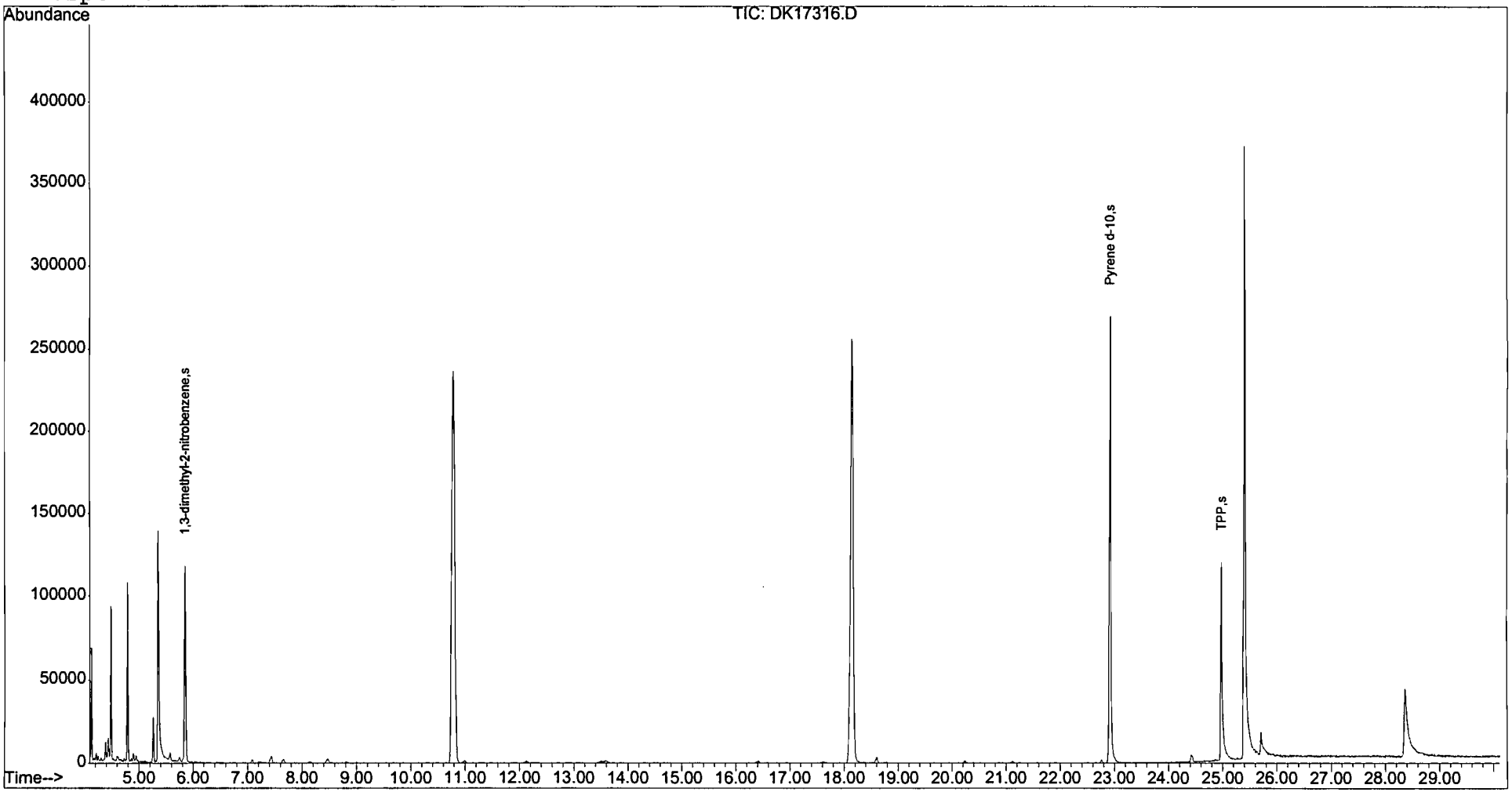
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17316.D
Acq On : 12 Dec 2000 00:03
Sample : dk17316
Misc :

Vial: 20
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:09 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17317.D Vial: 21
Acq On : 12 Dec 2000 00:44 Operator: Charity Carpent
Sample : dk17317 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:09 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
1) 1,3-dimethyl-2-nitrobenzen	5.85	308	296	0.13	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	7.65%	
18) Pyrene d-10	22.92	3295	234410	1.48	ng/uL	0.00
Spiked Amount 1.600			Recovery	=	92.50%	
22) TPP	24.97	3654	56684	1.83	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	107.65%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	241848	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2460	379545	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	~~21.14~~	~~2983~~	~~59~~	~~0.74 ng/uL#~~ BDL	85
15) Metolachlor	0.00		0	N.D.	JH 3/19/01
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.40	3728	323354	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

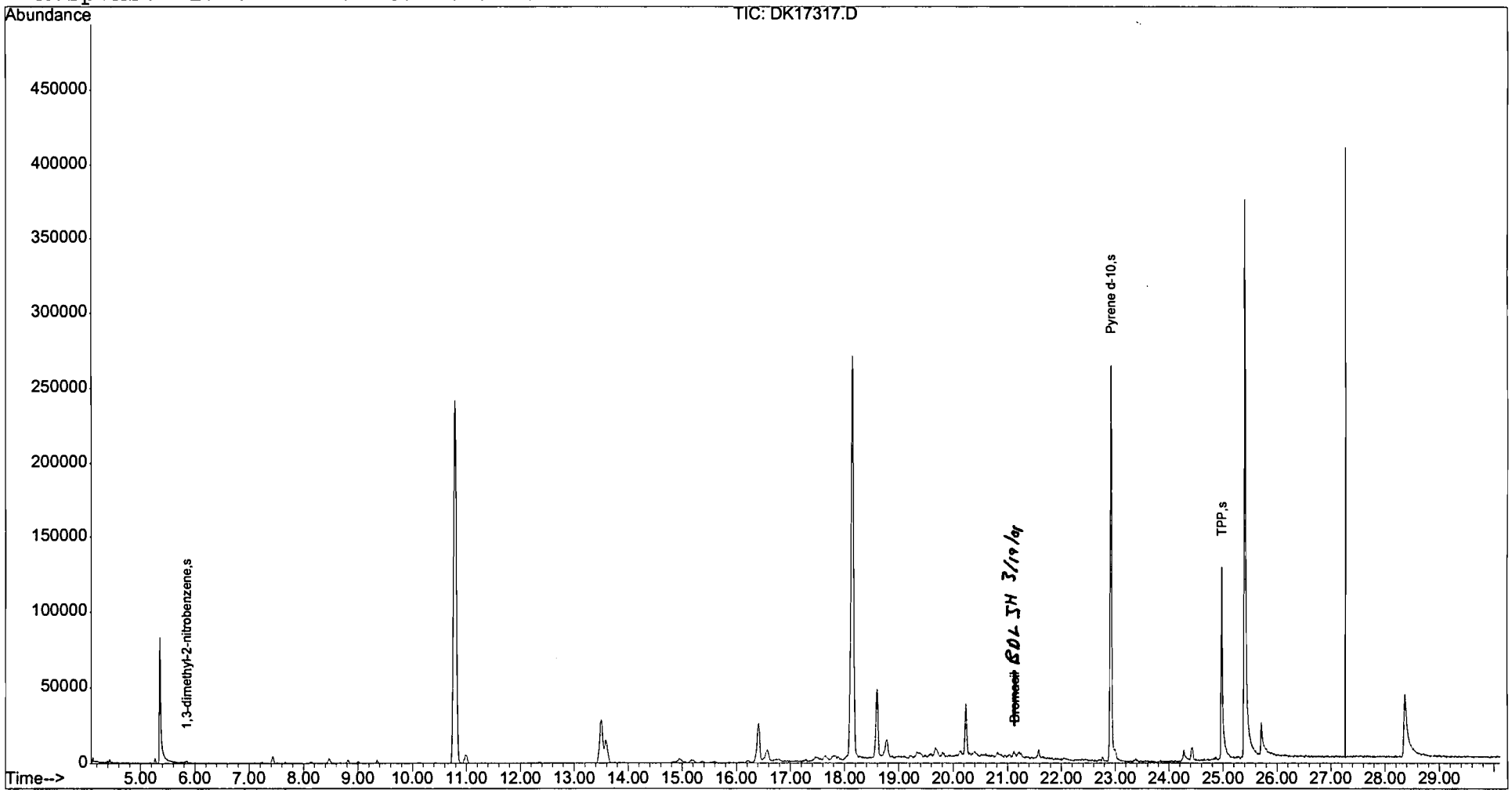
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17317.D
Acq On : 12 Dec 2000 00:44
Sample : dk17317
Misc :

Vial: 21
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:09 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17318.D Vial: 22
Acq On : 12 Dec 2000 1:25 Operator: Charity Carpent
Sample : dk17318 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:10 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	28758	1.35	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	79.41%	
18) Pyrene d-10	22.92	3295	230938	1.46	ng/uL	0.00
Spiked Amount 1.600			Recovery	=	91.25%	
22) TPP	24.97	3654	59124	1.88	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	110.59%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	241434	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2460	376945	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.40	3728	312174	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

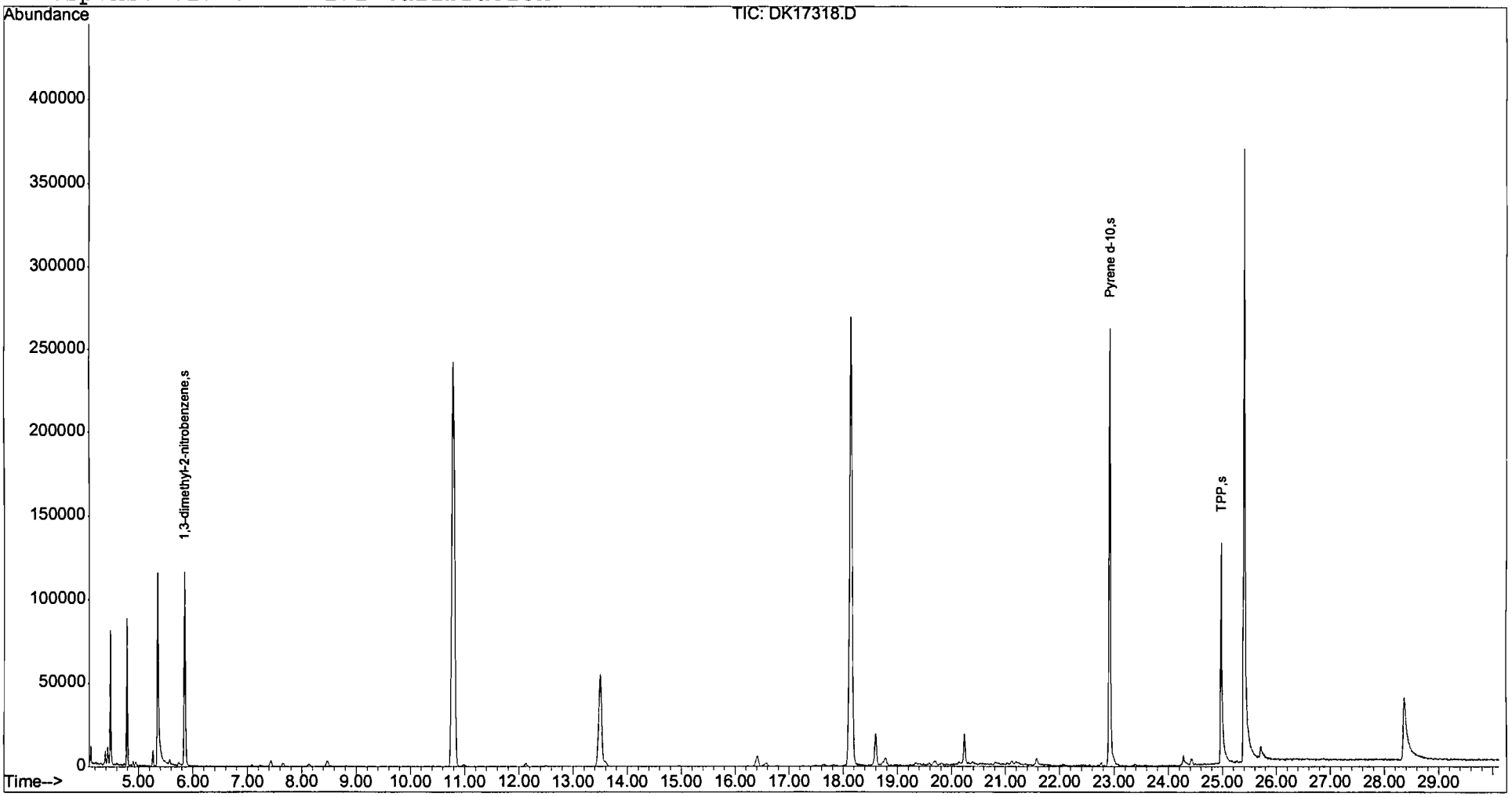
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17318.D
Acq On : 12 Dec 2000 1:25
Sample : dk17318
Misc :

Vial: 22
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:10 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17319.D Vial: 23
Acq On : 12 Dec 2000 2:06 Operator: Charity Carpent
Sample : dk17319 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:10 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	15286	0.78	ng/uL	0.00
Spiked Amount 1.700			Recovery = 45.88%			
18) Pyrene d-10	22.92	3295	225692	1.43	ng/uL	-0.01
Spiked Amount 1.600			Recovery = 89.38%			
22) TPP	24.97	3654	59034	1.88	ng/uL	0.00
Spiked Amount 1.700			Recovery = 110.59%			

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1175	249036	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2460	384033	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.39	3728	314188	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

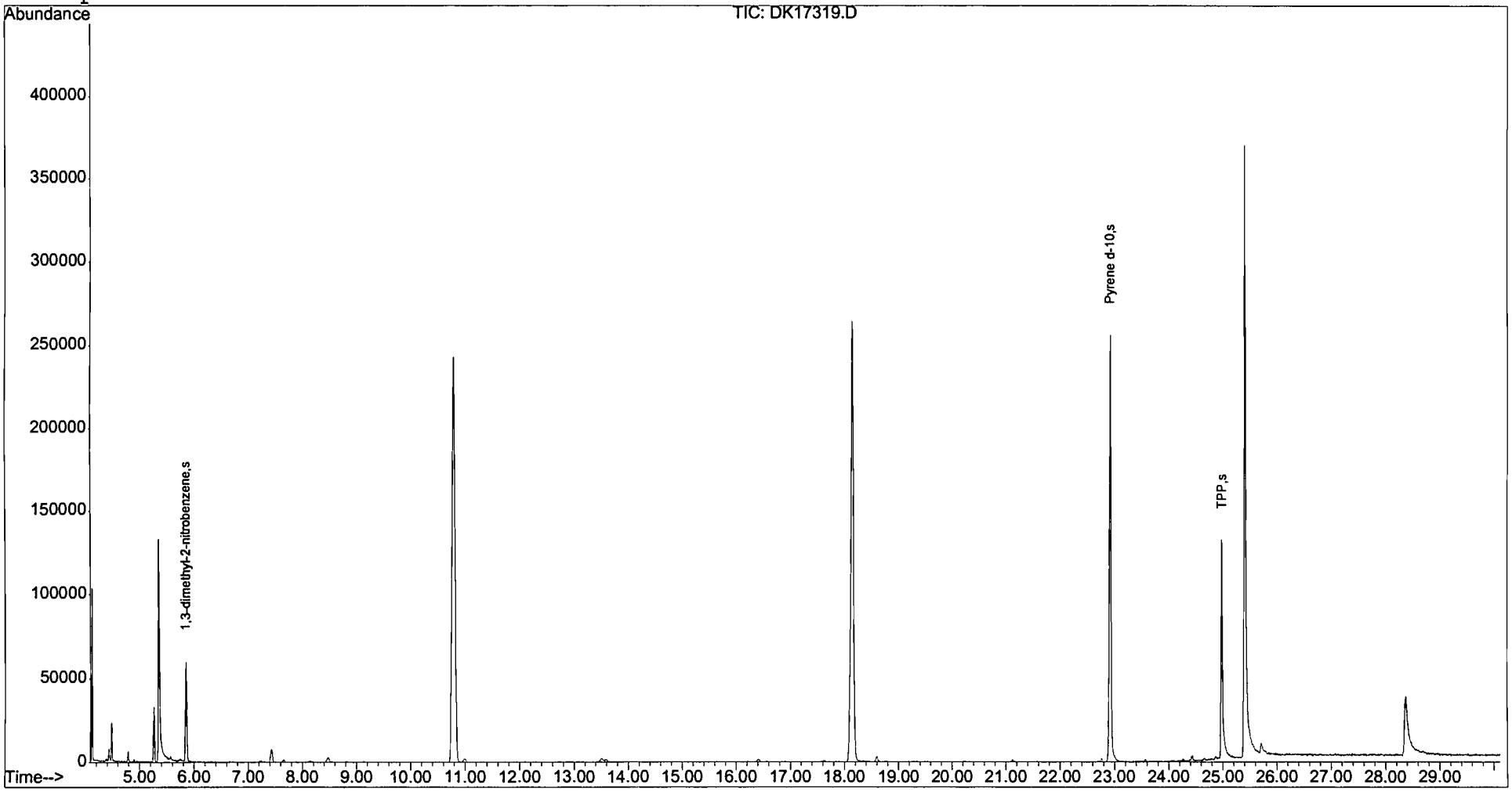
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17319.D
Acq On : 12 Dec 2000 2:06
Sample : dk17319
Misc :

Vial: 23
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:10 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17320.D Vial: 24
Acq On : 12 Dec 2000 2:47 Operator: Charity Carpent
Sample : dk17320 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:10 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	0.00	1	0	0.00 ng/uL	
Spiked Amount 1.700			Recovery	= 0.00%	
18) Pyrene d-10	22.92	3295	228625	1.44 ng/uL	-0.01
Spiked Amount 1.600			Recovery	= 90.00%	
22) TPP	24.97	3654	61128	1.92 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 112.94%	
Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	243351	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2460	379889	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	~~18.76~~	~~2568~~	~~56~~	~~0.71 ng/uL#~~ BDL	13
11) Metribuzin	0.00		0	N.D.	JH 3/19/01
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.39	3728	315543	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

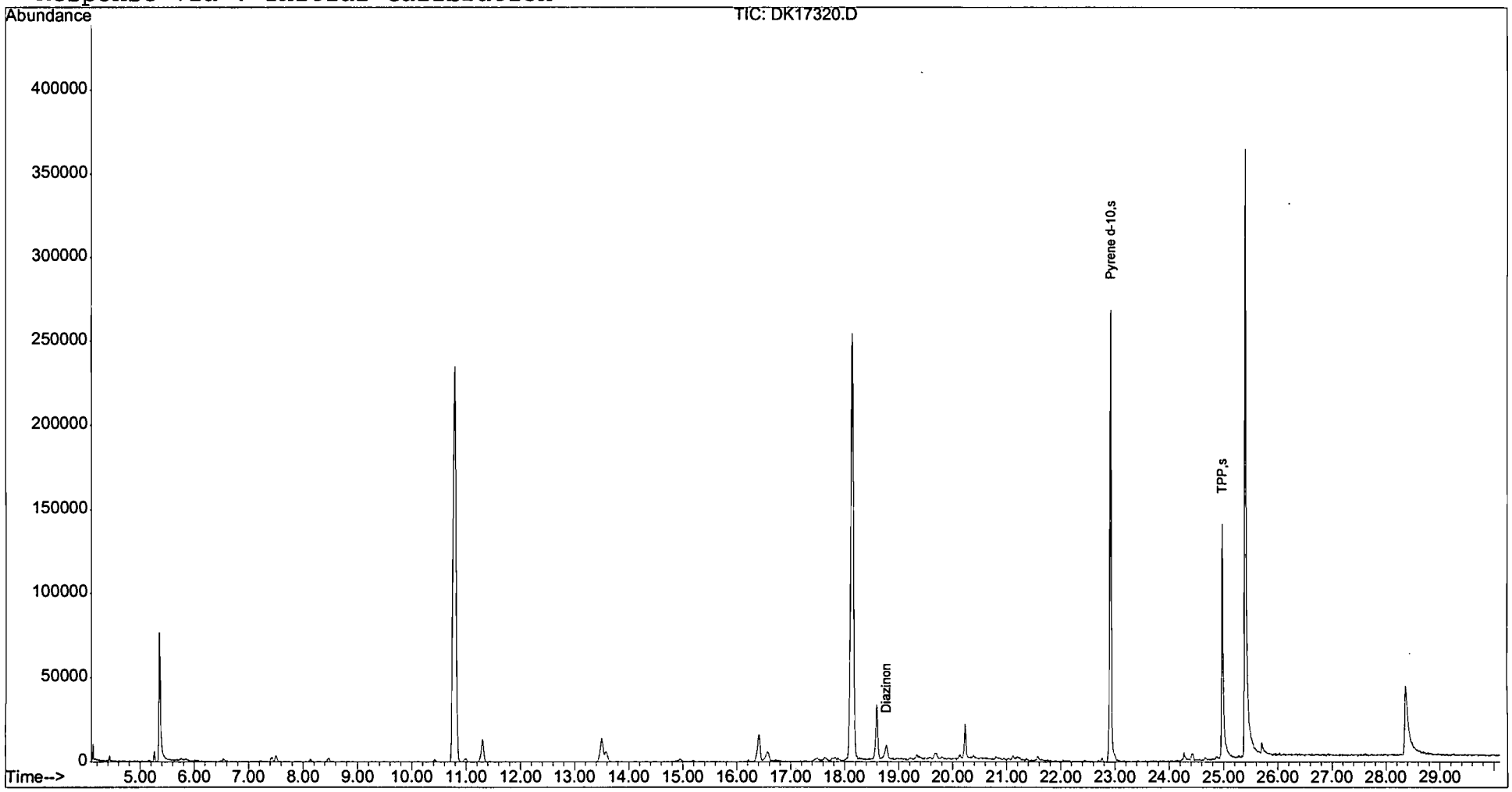
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17320.D
Acq On : 12 Dec 2000 2:47
Sample : dk17320
Misc :

Vial: 24
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:10 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17321.D Vial: 25
Acq On : 12 Dec 2000 3:27 Operator: Charity Carpent
Sample : dk17321 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:10 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.86	309	28956	1.36 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 80.00%	
18) Pyrene d-10	22.92	3294	225444	1.43 ng/uL	-0.01
Spiked Amount 1.600			Recovery	= 89.38%	
22) TPP	24.97	3654	61102	1.92 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 112.94%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	256444	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2460	398997	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.40	3728	344432	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

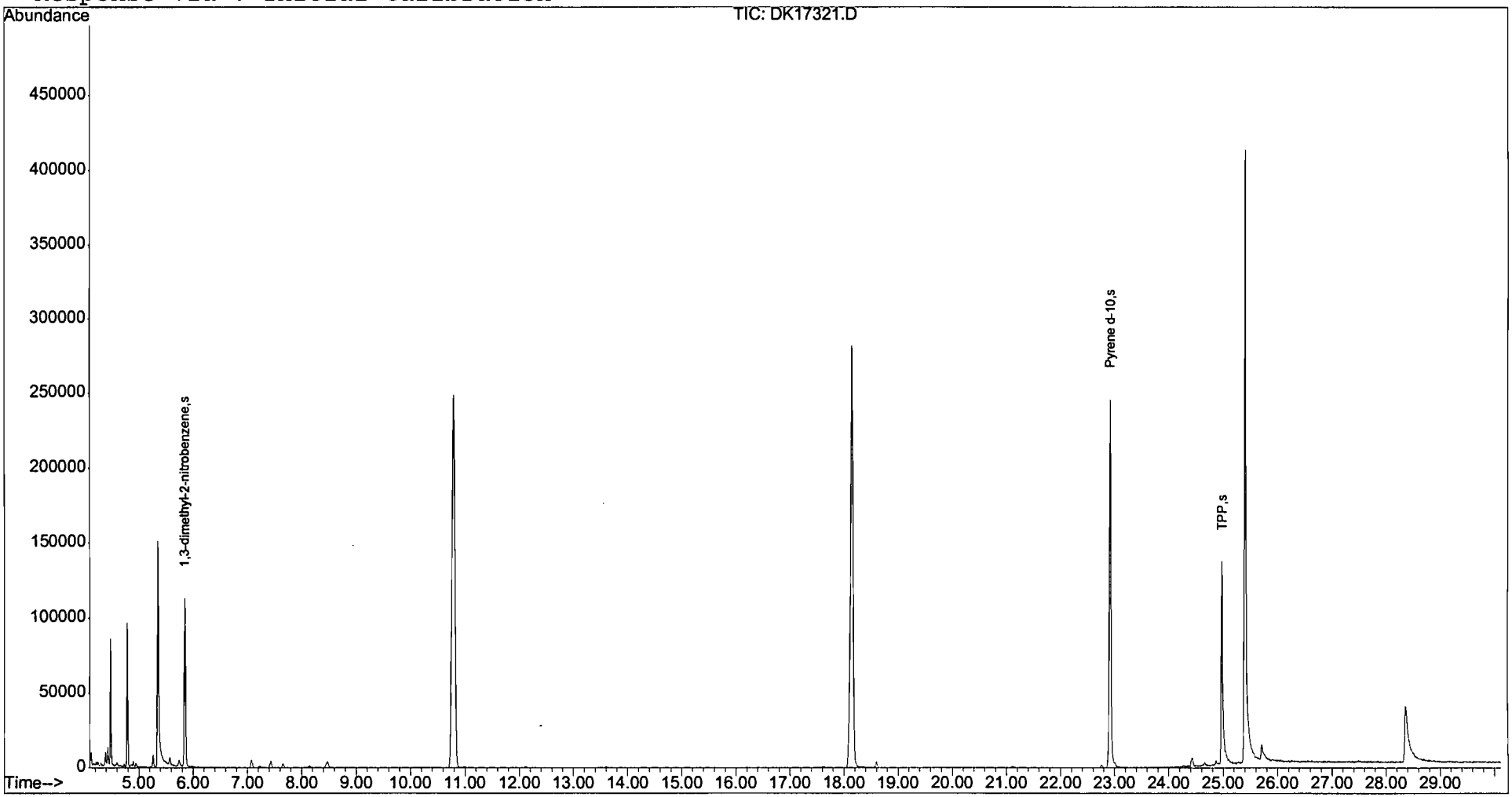
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17321.D
Acq On : 12 Dec 2000 3:27
Sample : dk17321
Misc :

Vial: 25
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:10 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\DK17488.D Vial: 26
Acq On : 12 Dec 2000 4:08 Operator: Charity Carpent
Sample : dk17488 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:10 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	0.00	1	0	0.00 ng/uL	
Spiked Amount 1.700			Recovery	= 0.00%	
18) Pyrene d-10	22.92	3295	217544	1.38 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 86.25%	
22) TPP	24.97	3654	56898	1.83 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 107.65%	

Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	244512	No Calib	
3) Propachlor	0.00		0	N.D.	
4) Trifluralin	0.00		0	N.D.	
5) Simazine	0.00		0	N.D.	
6) Prometon	0.00		0	N.D.	
7) Atrazine	0.00		0	N.D.	
8) Phenanthrene-d10	18.15	2460	378796	No Calib	
9) Terbufos	0.00		0	N.D.	
10) Diazinon	0.00		0	N.D.	
11) Metribuzin	0.00		0	N.D.	
12) Acetochlor	0.00		0	N.D.	
13) Alachlor	0.00		0	N.D.	
14) Bromacil	0.00		0	N.D.	
15) Metolachlor	0.00		0	N.D.	
16) Cyanazine	0.00		0	N.D.	
17) Pendimethalin	0.00		0	N.D.	
19) Alpha-Endosulfan	0.00		0	N.D.	
20) Fenamiphos	0.00		0	N.D.	
21) Beta-Endosulfan	0.00		0	N.D.	
23) Chrysene-d12	25.40	3728	325957	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

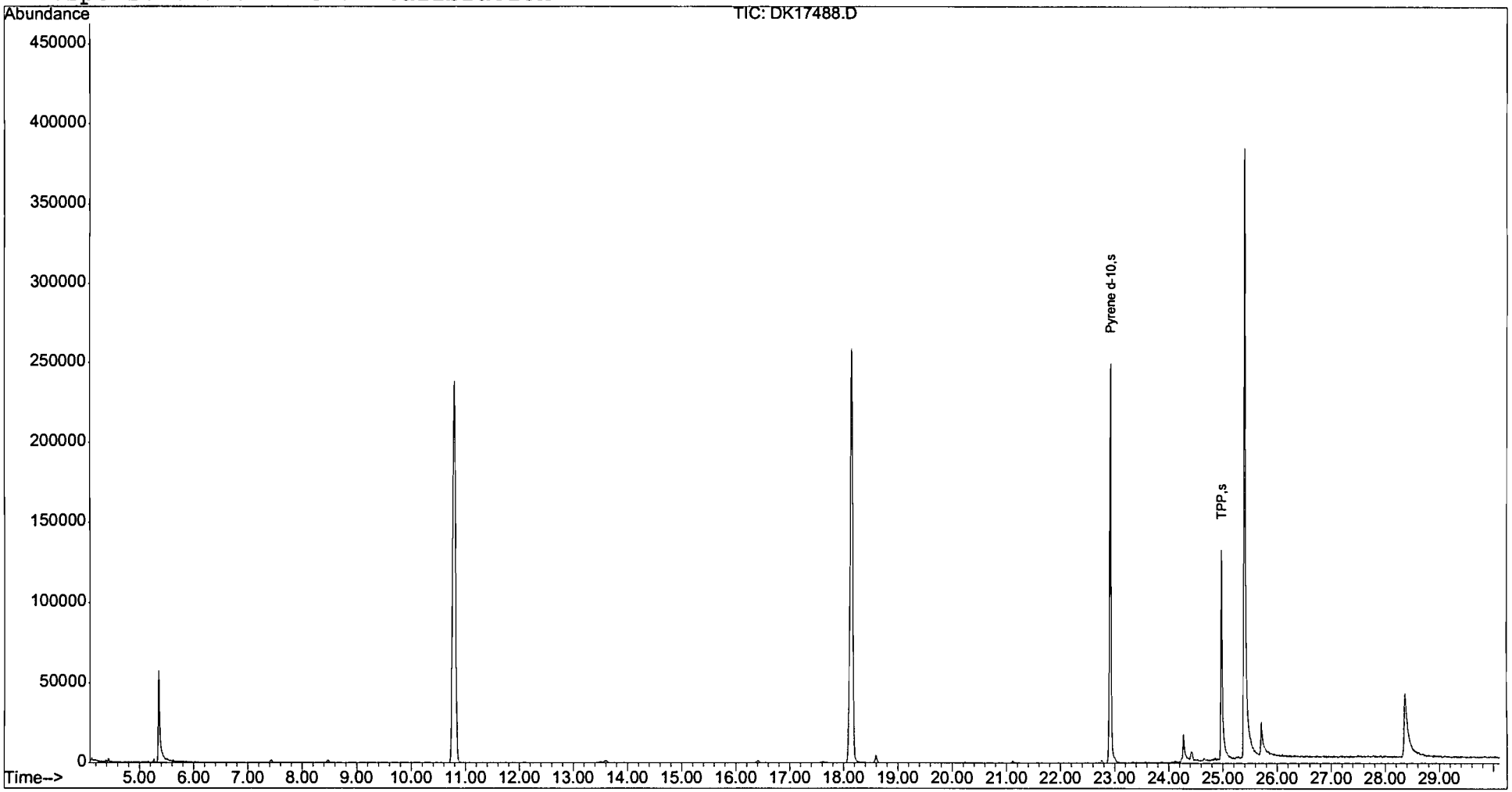
Data File : C:\HPCHEM\1\DATA\BATCH132\DK17488.D
Acq On : 12 Dec 2000 4:08
Sample : dk17488
Misc :

Vial: 26
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:10 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\LFB132.D Vial: 29
Acq On : 12 Dec 2000 6:51 Operator: Charity Carpent
Sample : LFB 132 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:10 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
1) 1,3-dimethyl-2-nitrobenzen	0.00	1	0	0.00	ng/uL	
Spiked Amount 1.700			Recovery	=	0.00%	
18) Pyrene d-10	22.92	3294	235111	1.48	ng/uL	-0.01
Spiked Amount 1.600			Recovery	=	92.50%	
22) TPP	24.97	3654	73736	2.15	ng/uL	0.00
Spiked Amount 1.700			Recovery	=	126.47%	

Target Compounds						Qvalue
2) Acenaphthene-d10	10.79	1173	244765	No Calib		
3) Propachlor	14.02	1738	74049	2.05	ng/uL	98
4) Trifluralin	16.06	2095	37205	3.02	ng/uL	96
5) Simazine	17.41	2330	38539	2.11	ng/uL	97
6) Prometon	17.53	2352	58104	2.34	ng/uL	98
7) Atrazine	17.66	2375	44247	1.37	ng/uL	96
8) Phenanthrene-d10	18.15	2460	389662	No Calib		
9) Terbufos	18.23	2474	69909	2.97	ng/uL	98
10) Diazinon	18.78	2570	44290	2.30	ng/uL	98
11) Metribuzin	19.96	2776	67312	3.43	ng/uL	98
12) Acetochlor	20.14	2808	26138	1.72	ng/uL	98
13) Alachlor	20.42	2857	36388	1.75	ng/uL	98
14) Bromacil	21.05	2967	93416	5.16	ng/uL	99
15) Metolachlor	21.41	3031	93600	1.48	ng/uL	100
16) Cyanazine	21.54	3053	17131	2.90	ng/uL	96
17) Pendimethalin	22.33	3192	38206	2.27	ng/uL	97
19) Alpha-Endosulfan	23.09	3324	6781	1.52	ng/uL	95
20) Fenamiphos	23.28	3358	72652	7.31	ng/uL	94
21) Beta-Endosulfan	24.08	3497	8165	1.62	ng/uL	96
23) Chrysene-d12	25.40	3728	324625	No Calib		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

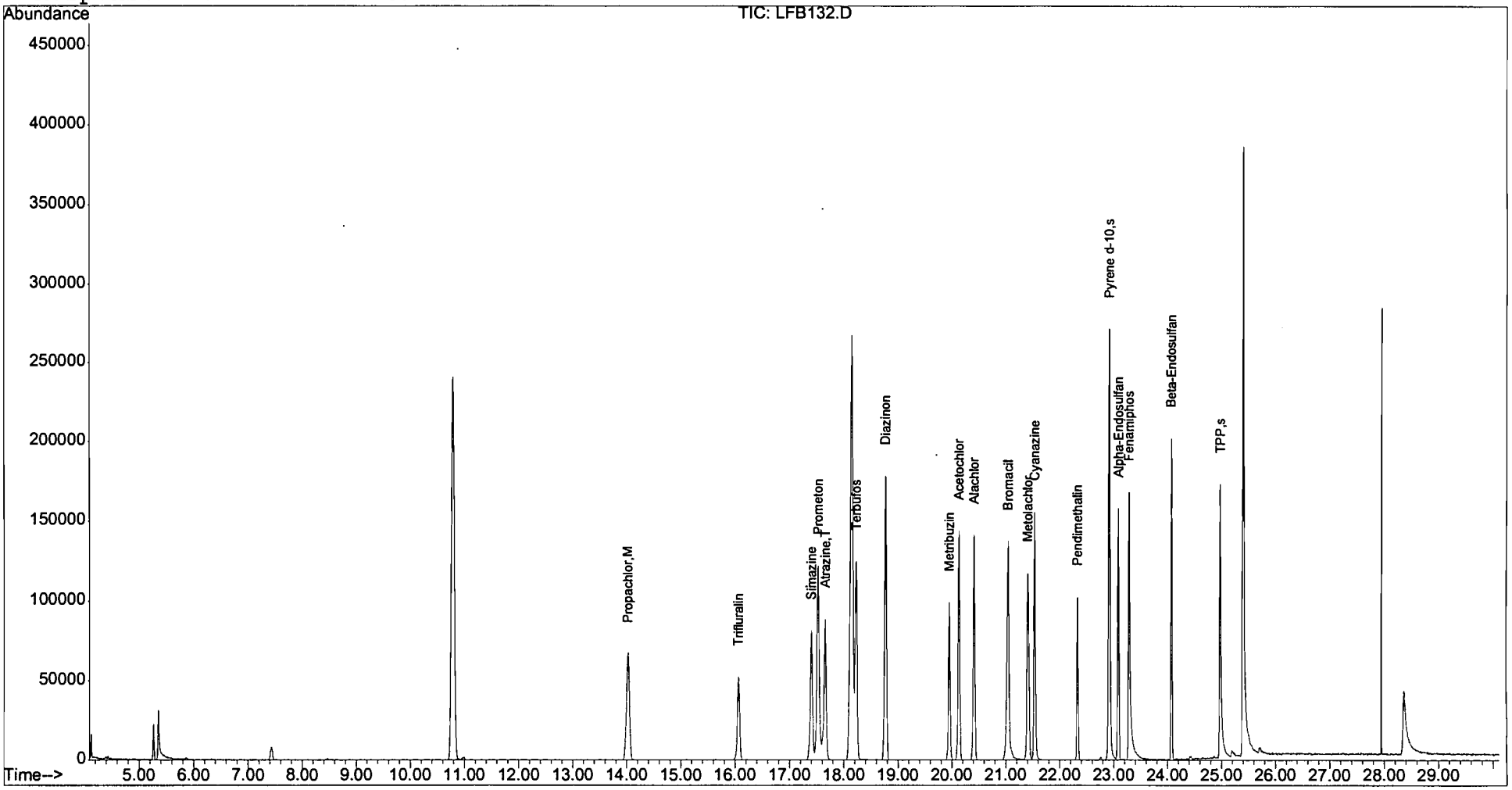
Data File : C:\HPCHEM\1\DATA\BATCH132\LFB132.D
Acq On : 12 Dec 2000 6:51
Sample : LFB 132
Misc :

Vial: 29
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:10 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\LFM1132.D Vial: 27
Acq On : 12 Dec 2000 5:30 Operator: Charity Carpent
Sample : LFM1 132 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:11 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.86	309	31544	1.47 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 86.47%	
18) Pyrene d-10	22.92	3294	246126	1.54 ng/uL	-0.01
Spiked Amount 1.600			Recovery	= 96.25%	
22) TPP	24.97	3654	75480	2.18 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 128.24%	
Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1174	252969	No Calib	
3) Propachlor	14.03	1739	120971	2.94 ng/uL	98
4) Trifluralin	16.07	2096	34632	2.89 ng/uL	97
5) Simazine	17.42	2332	73824	3.66 ng/uL	96
6) Prometon	17.53	2352	64939	2.54 ng/uL	96
7) Atrazine	17.66	2375	55213	1.64 ng/uL	97
8) Phenanthrene-d10	18.14	2459	396346	No Calib	
9) Terbufos	18.23	2474	98212	3.74 ng/uL	97
10) Diazinon	18.77	2569	58350	2.80 ng/uL	97
11) Metribuzin	19.96	2777	76477	3.71 ng/uL	99
12) Acetochlor	20.14	2808	29365	1.89 ng/uL	98
13) Alachlor	20.42	2857	41944	1.95 ng/uL	97
14) Bromacil	21.05	2968	97898	5.30 ng/uL	98
15) Metolachlor	21.41	3031	104655	1.60 ng/uL	100
16) Cyanazine	21.54	3053	17621	2.96 ng/uL	97
17) Pendimethalin	22.33	3192	23259	1.71 ng/uL	99
19) Alpha-Endosulfan	23.09	3324	5442	1.27 ng/uL	96
20) Fenamiphos	23.28	3358	76067	7.45 ng/uL	96
21) Beta-Endosulfan	24.07	3496	6850	1.40 ng/uL	96
23) Chrysene-d12	25.40	3728	325505	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

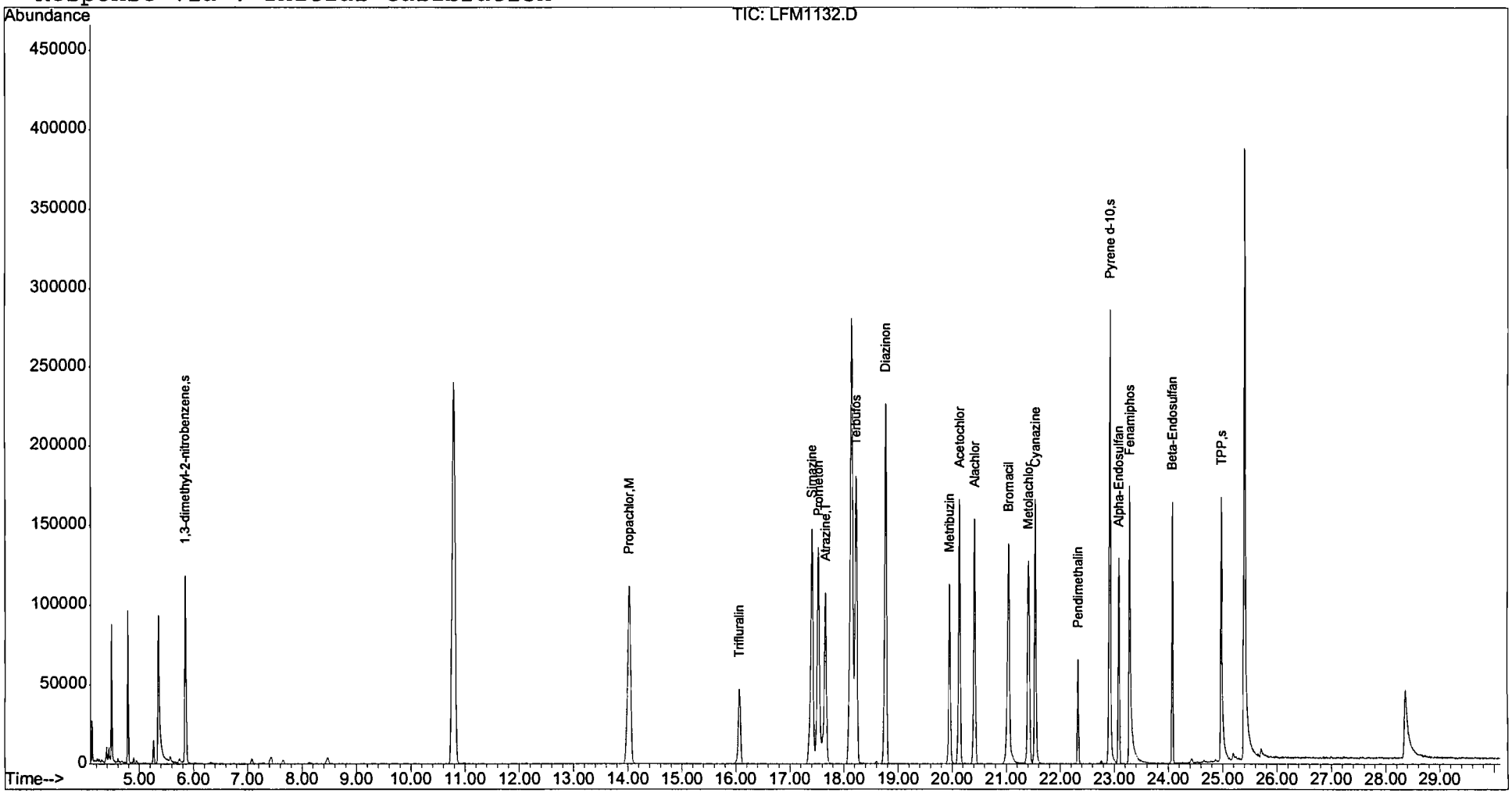
Data File : C:\HPCHEM\1\DATA\BATCH132\LFM1132.D
Acq On : 12 Dec 2000 5:30
Sample : LFM1 132
Misc :

Vial: 27
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:11 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\LFM2132.D Vial: 28
Acq On : 12 Dec 2000 6:11 Operator: Charity Carpent
Sample : LFM2 132 Inst : GC/MS Ins
Misc : Multiplr: 1.00
Sample Amount: 0.00
MS Integration Params: METOL.P
Quant Time: Mar 19 13:11 2001 Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	5.85	309	31414	1.47 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 86.47%	
18) Pyrene d-10	22.92	3295	254222	1.59 ng/uL	-0.01
Spiked Amount 1.600			Recovery	= 99.38%	
22) TPP	24.97	3654	76567	2.20 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 129.41%	
Target Compounds					Qvalue
2) Acenaphthene-d10	10.80	1175	252894	No Calib	
3) Propachlor	14.03	1740	124987	3.02 ng/uL	98
4) Trifluralin	16.07	2096	33540	2.83 ng/uL	97
5) Simazine	17.42	2333	78814	3.87 ng/uL	98
6) Prometon	17.53	2352	66962	2.60 ng/uL	97
7) Atrazine	17.66	2375	57217	1.69 ng/uL	98
8) Phenanthrene-d10	18.15	2461	398527	No Calib	
9) Terbufos	18.23	2475	95705	3.68 ng/uL	100
10) Diazinon	18.78	2570	58483	2.81 ng/uL	97
11) Metribuzin	19.96	2777	79488	3.80 ng/uL	99
12) Acetochlor	20.14	2808	30334	1.94 ng/uL	99
13) Alachlor	20.42	2858	41605	1.94 ng/uL	99
14) Bromacil	21.05	2968	102292	5.44 ng/uL	98
15) Metolachlor	21.42	3032	107818	1.64 ng/uL	100
16) Cyanazine	21.54	3054	18729	3.08 ng/uL	95
17) Pendimethalin	22.33	3192	21984	1.66 ng/uL	95
19) Alpha-Endosulfan	23.09	3325	5277	1.23 ng/uL	95
20) Fenamiphos	23.29	3359	79823	7.61 ng/uL	100
21) Beta-Endosulfan	24.07	3497	6409	1.33 ng/uL	94
23) Chrysene-d12	25.39	3728	332122	No Calib	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

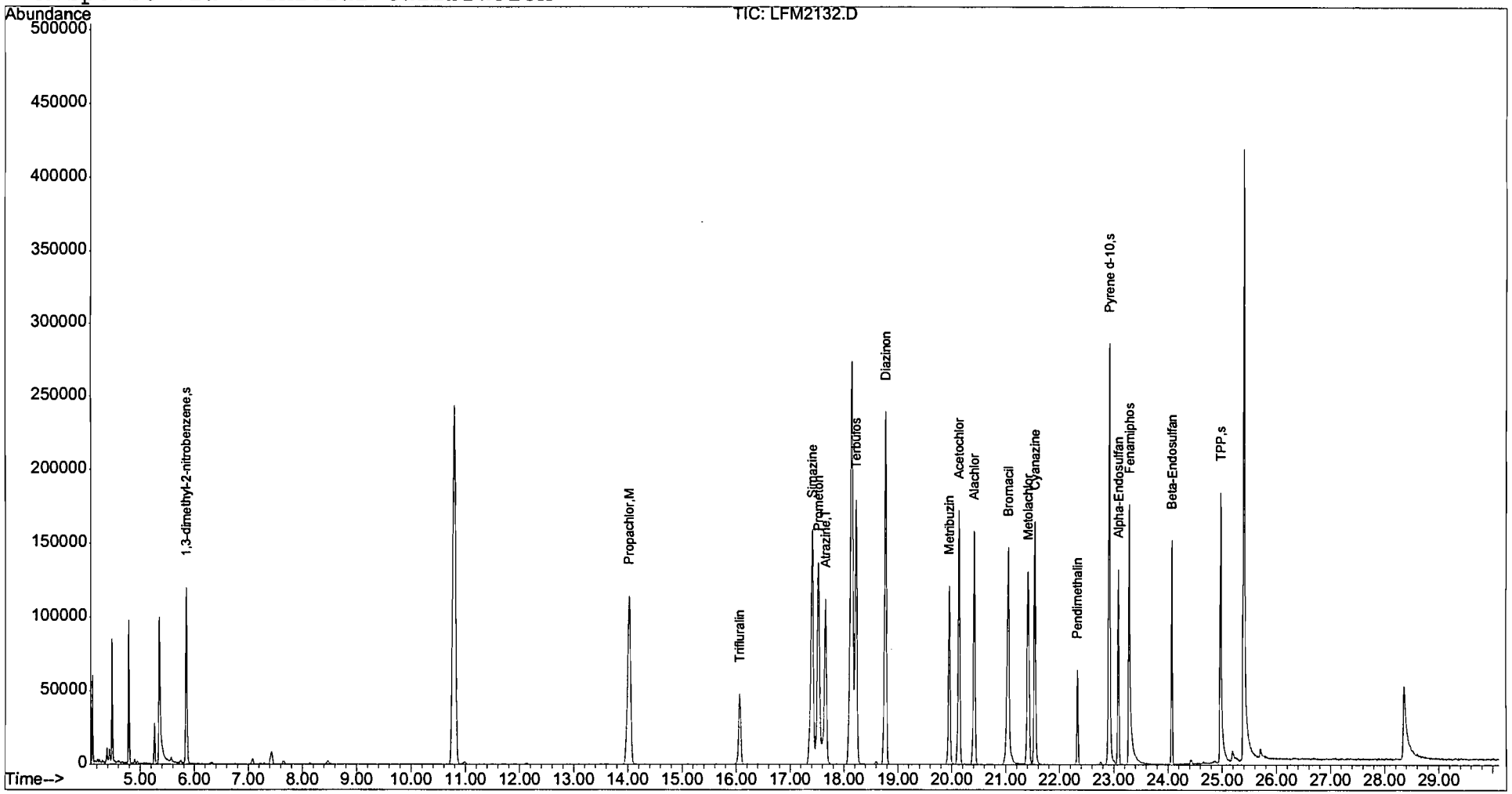
Data File : C:\HPCHEM\1\DATA\BATCH132\LFM2132.D
Acq On : 12 Dec 2000 6:11
Sample : LFM2 132
Misc :

Vial: 28
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:11 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\BATCH132\LRB132.D
Acq On : 11 Dec 2000 15:07
Sample : LRB 132
Misc :

Vial: 8
Operator: Charity Carpent
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:11 2001

Quant Results File: BATCH132.RES

Quant Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration
DataAcq Meth : BATCH132

Internal Standards	R.T.	Scan	Response	Conc Units	Dev(Min)
System Monitoring Compounds					
1) 1,3-dimethyl-2-nitrobenzen	0.00	1	0	0.00 ng/uL	
Spiked Amount 1.700			Recovery	= 0.00%	
18) Pyrene d-10	22.92	3295	206801	1.32 ng/uL	0.00
Spiked Amount 1.600			Recovery	= 82.50%	
22) TPP	24.98	3655	42207	1.53 ng/uL	0.00
Spiked Amount 1.700			Recovery	= 90.00%	

Target Compounds				Qvalue
2) Acenaphthene-d10	10.80	1174	239909	No Calib
3) Propachlor	0.00		0	N.D.
4) Trifluralin	0.00		0	N.D.
5) Simazine	0.00		0	N.D.
6) Prometon	0.00		0	N.D.
7) Atrazine	0.00		0	N.D.
8) Phenanthrene-d10	18.15	2461	368260	No Calib
9) Terbufos	0.00		0	N.D.
10) Diazinon	0.00		0	N.D.
11) Metribuzin	0.00		0	N.D.
12) Acetochlor	0.00		0	N.D.
13) Alachlor	0.00		0	N.D.
14) Bromacil	0.00		0	N.D.
15) Metolachlor	0.00		0	N.D.
16) Cyanazine	0.00		0	N.D.
17) Pendimethalin	0.00		0	N.D.
19) Alpha-Endosulfan	0.00		0	N.D.
20) Fenamiphos	0.00		0	N.D.
21) Beta-Endosulfan	0.00		0	N.D.
23) Chrysene-d12	25.40	3729	285002	No Calib

(#) = qualifier out of range (m) = manual integration

Quantitation Report

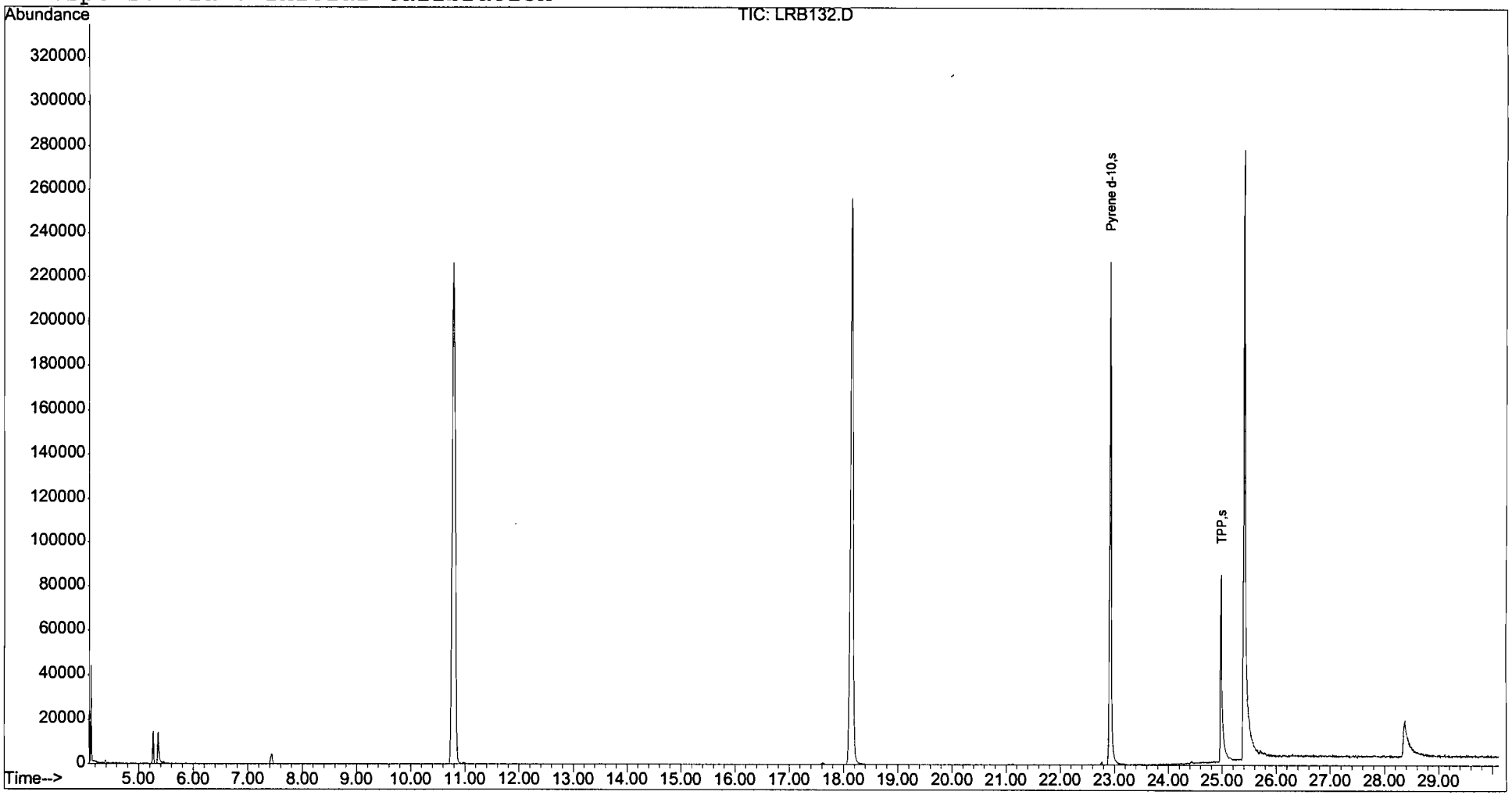
Data File : C:\HPCHEM\1\DATA\BATCH132\LRB132.D
Acq On : 11 Dec 2000 15:07
Sample : LRB 132
Misc :

Vial: 8
Operator: Charity Carpenter
Inst : GC/MS Ins
Multiplr: 1.00
Sample Amount: 0.00

MS Integration Params: METOL.P
Quant Time: Mar 19 13:11 2001

Quant Results File: BATCH132.RES

Method : C:\HPCHEM\1\METHODS\BATCH132.M (RTE Integrator)
Title :
Last Update : Mon Mar 19 13:05:44 2001
Response via : Initial Calibration



Acid Herbicides
(Immunoassay & Method 515)

SAMPLE

IMMUNOASSAY

INFORMATION

Description of Immunoassays and Screen Results

The immunoassay screens are performed using the RPA-I System Package and 2,4-D and Carbofuran Assay Kits from Strategic Diagnostics. All methods and procedures used are those that come with the system and kits.

Two replicates of each sample are analyzed and compared to the standard curve consisting of four calibration standards at two replicates each and one replicate of a control. The standards and control come with the assay kits. The concentrations for the Carbofuran standards are; 0, 0.1, 1.0, and 5.0 ppb with the control at 2.0 +/- 0.4 ppb. The concentrations for the 2,4-D standards are; 0, 1, 10, and 50 ppb with the control at 35 +/- 7 ppb. The estimated minimum detection limit for Carbofuran is 56 ppt, and for 2,4-D it is 0.70 ppb.

The equation of the best fit line is calculated by the instrument using the absorbances of the standards. The slope, intercept and the correlation coefficient are then reported. "Conc" is the concentration of the standards, control and samples. The "Abs Diff" column gives the observed concentration followed by the difference between observed and known concentrations for each replicate. "%CV" is the coefficient of variance calculated using the absorbances. The "Abs" column for the Samples Data section lists the absorbance of each sample replicate and their mean. A concentration with the letters "nd" beside them means that the analyte was not detected or that the absorbance measured was lower than that of the zero ppb standard.

2,4-D Immunoassay Lot Numbers

Antibody Coupled Paramagnetic Particles	0A 1116
Enzyme Conjugate	0A 1115
Standard 1	0A 1117
Standard 2	0A 1118
Standard 3	0A 1119
Control	0A 1120
Diluent / Zero Standard	0A 1121
Color Solution	0A 1079
Stopping Solution	9L 1056
Washing Solution	9H 1105

********* OHMICRON ********

Please Wait 30 Minutes
11-17-00 09:20:22

11-17-00 09:44:09

******** OHMICRON ********

PROTOCOL : 2-4-D

TECH ID : TRoach
LOT # : A1135P
EXP DATE: 5-01

Data Reduct: Lin.Regression
Xformation: Ln/Linear
Read Mode : Absorbance
Wavelength : 450 nm
Units : PPB

EQUATION OF LINE :

Slope = -0.162
Intercept = 1.062
Corr (r) = 0.9983

Transformed Data :

Conc	Abs
0.00	1.071
2.30	0.669
3.91	0.442

Calibrator Data:

Conc	Abs	%CV	Predic %Diff
	Diff		
0.00	1.235		
	1.279		
1.00	1.055		1.05
	0.046		4.4
	1.086		0.86
	-0.140		-16.3
Mean	1.071	2.1	0.95
	-0.052		-5.5
10.00	0.666		11.57
	1.569		13.6
	0.671		11.21
	1.207		10.8
Mean	0.669	0.5	11.39
	1.387		12.2
50.00	0.441		46.57
	-3.434		-7.4
	0.443		46.08
	-3.925		-8.5
Mean	[illegible]	4.3	46.32

Contrc

Ctrl#	Abs	Conc
1	0.473	38.28

ID: 35 ± 7.0 ppb

Samples Data :

Spl#	Abs	Conc	%CV
1	1.307	0.22nd	
	1.304	0.22nd	
Mean	1.305	0.22nd	1.5
ID: DK 17488			
2	1.279	0.26nd	
	1.271	0.27nd	
Mean	1.275	0.27nd	3.4
ID: DK 17313			
3	1.328	0.19nd	
	1.225	0.36nd	
Mean	1.277	0.28nd	43.8*
ID: DK 17314			
4	1.333	0.19nd	
	1.285	0.25nd	
Mean	1.309	0.22nd	20.8*
ID: DK 17315			
5	1.293	0.24nd	
	1.379	0.14nd	
Mean	1.336	0.19nd	36.9*
ID: DK 17316			
6	1.267	0.28nd	
	1.292	0.24nd	
Mean	1.279	0.26nd	10.8*
ID: DK 17317			
7	1.256	0.30nd	
	1.275	0.27nd	
Mean	1.265	0.28nd	8.2
ID: DK 17318			
8	1.229	0.36nd	
	1.289	0.25nd	
Mean	1.259	0.30nd	25.9*
ID: DK 17319			
9	1.262	0.29nd	
	1.300	0.23nd	
Mean	[illegible]	[illegible]	
ID: DK 17320			
10			
Mean	1.303	0.23nd	7.5
ID: DK 17321			
11	1.330	0.19nd	
	1.244	0.32nd	
Mean	1.287	0.26nd	36.9*
ID: DK 13867			
12	1.285	0.25nd	
	1.257	0.30nd	
Mean	1.271	0.27nd	12.0*
ID: DK 13868			
13	1.273	0.27nd	
	1.290	0.24nd	
Mean	1.281	0.26nd	7.5
ID: DK 13869			
14	1.310	0.21nd	
	1.242	0.33nd	
Mean	1.276	0.27nd	29.5*
ID: DK 13870			
15	1.358	0.16nd	
	1.316	0.21nd	
Mean	1.337	0.18nd	17.9*
ID: DK 13871			
16	1.272	0.27nd	
	1.268	0.28nd	
Mean	1.270	0.28nd	1.9
ID: DK ~~13~~ 17107			
17	1.233	0.35nd	
	1.243	0.33nd	
Mean	1.238	0.34nd	4.5
ID: DK 17108			
18	1.417	0.11nd	
	1.276	0.27nd	
Mean	1.346	0.19nd	57.8*
ID: DK 17096			

SAMPLE PREPARATION INFORMATION

Extraction Data Sheet for Groundwater Samples

Batch Number: 132
Extraction Date: 11-17-00
Extraction Time: 9 AM

Performed By:
[ ] Jeff Hardy
[X] Todd Roach
[ ] Charity Carpenter
[ ] Other: _____

Extraction Procedure:

[ ] General Pesticide Method: 525.2 M: AutoTrace SPE, Analysis by GC/MS
[X] Phenoxy Acid Method: 515.1 M: Liquid/Liquid, Analysis by HPLC/DAD
[ ] Carbamate Method: 531.1: Filtration, Derivitization, Analysis by HPLC/FLD

IDEM Sample Number	Lab Number	Desc.	Sample Mass Calculations			pH
			Initial Mass (g)	Final Mass (g)	Sample Mass (g)	
DK 17317	2268	Sample			250	
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
		Sample				
NA	2280	LRB			250	
NA	2281	LFB			250	
DK 17317 MS	2269	LFM 1			250	
DK 17317 MSD	2270	LFM 2			250	

Final volume = 3 mL in 70:30 H_2O:ACN

Spike Information: M 380 300 uL

Surrogate Information: S 217 150 uL

Internal Standard Info: ___ ___ uL

Comments: instead of using Hydrated Sodium Sulfate, ~62 mL of Sodium Chloride was used

Signature: Todd Roach

Date: 11-17-00

Working Mix Sheet
Pesticide Residue Section of the Indiana State Chemist

Standard # and Name: M-380 Phenoxy Spike

Date Prepared: _____ Date Destroyed: ~~4/09/01 ONE~~ JH 4/16/01 found in upstairs freezer
destroyed by JE on 4-16-01

Physical Data

Parent Solutions	Concentration (ng/µl)	Aliquot (mL)	Parent Solvent	Final Concentration (ng/µl)
1. Aciflurfen 379	260	0.5	ACN	5.2
2. Bentazon	84			1.7
3. 2,4-D	98			2.0
4. 2,4-DP	101			2.02
5. Dicamba	80			1.6
6. MCPA	140			2.8
7. MCPP	170			3.4
8. Picloram	84			1.7
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

Final Dilution Solvent: ACN Final Dilution Volume: 25 mL

Notes:

Prepared by: [illegible]

Lab Notebook: Groundwater

Intermediate Standards Sheet
Pesticide Residue Section of the Indiana State Chemist

Standard # and Name: S 217 2,4,5-T

Parent Solution: S 215

Parent Solution Concentration: 300 (ng/µL)

Date Prepared: 10-3-00

Date to be Destroyed: 12-3-00 Date Destroyed: APR 16 2001 J.C

Physical Data

Aliquot Used: 0.5 (mL)

Dilution Solvent: Methanol Dilution Volume: 25 (mL)

Final Concentration: 6.0 (µg/mL) = (ng/µL)

Notes: Phenoxy Surrogate

Prepared by: [illegible]

Lab Notebook: Groundwater

SAMPLE CHROMATOGRAPHY INFORMATION

	Analyte	Result Detected in Sample (ng/ul)	Sample Volume (ml)	Final Volume (ml)	Result Sample Concentration (ug/L)	Spike Value (ug/L)	% Recovery	
2268 DK17317	2,4,5-T (Surrogate)	0.173215	250	3.0	2.1	3.6	58	
2280 LRB	2,4,5-T (Surrogate)	0.176663	250	3.0	2.1	3.6	58	
								Spike Mix Concentration (ng/uL)
2269 LFM1 (Laboratory Fortified Matrix) DK17317	Picloram	0.161891	250	3.0	1.9	2.0	95	1.7
	Dicamba	0.129048	250	3.0	1.5	1.9	79	1.6
	Bentazon	0.185364	250	3.0	2.2	2.0	110	1.7
	MCPA	0.303369	250	3.0	3.6	3.4	106	2.8
	2,4-D	0.199985	250	3.0	2.4	2.4	100	2.0
	MCPP	0.310169	250	3.0	3.7	4.1	90	3.4
	2,4-DP	0.265917	250	3.0	3.2	2.4	133	2.0
	2,4,5-T (Surrogate)	0.164188	250	3.0	2.0	3.6	56	6.0
	Acifluorfen	0.519318	250	3.0	6.2	6.2	100	5.2
								% Relative Difference
2270 LFM2 (Laboratory Fortified Matrix Duplicate) DK17317	Picloram	0.206310	250	3.0	2.5	2.0	125	27
	Dicamba	0.109681	250	3.0	1.3	1.9	68	15
	Bentazon	0.185757	250	3.0	2.2	2.0	110	0.0
	MCPA	0.274789	250	3.0	3.3	3.4	97	8.9
	2,4-D	0.198763	250	3.0	2.4	2.4	100	0.0
	MCPP	0.250778	250	3.0	3.0	4.1	73	21
	2,4-DP	0.198699	250	3.0	2.4	2.4	100	28
	2,4,5-T (Surrogate)	0.178586	250	3.0	2.1	3.6	58	3.5
	Acifluorfen	0.500436	250	3.0	6.0	6.2	97	3.0
2281 LFB (Laboratory Fortified Blank)	Picloram	0.173298	250	3.0	2.1	2.0	105	
	Dicamba	0.123653	250	3.0	1.5	1.9	79	
	Bentazon	0.155890	250	3.0	1.9	2.0	95	
	MCPA	0.278191	250	3.0	3.3	3.4	97	
	2,4-D	0.208213	250	3.0	2.5	2.4	104	
	MCPP	0.280037	250	3.0	3.4	4.1	83	
	2,4-DP	0.184101	250	3.0	2.2	2.4	92	
	2,4,5-T (Surrogate)	0.157194	250	3.0	1.9	3.6	53	
	Acifluorfen	0.486441	250	3.0	5.8	6.2	94	

Notes:
(1) % Relative Difference = (LFM1-LFM2)/[(LFM1+LFM2)/2] x 100
(2) Spike Level = (Spike Mix Conc.) x (Spike Volume) / (Sample Volume)

CCVS Report

ANALYTE	Reference CCVS (ng/uL) Detected	CCVS-1 (ng/uL) Detected	%
Picloram	0.456184	0.452189	99
Dicamba	0.329970	0.327398	99
Bentazon	0.399831	0.485363	121
MCPA	0.767003	0.766959	100
2,4 - D	0.488127	0.519927	107
MCPP	0.839301	0.893059	106
2,4 - DP	0.563208	0.552059	98
2,4,5 - T	0.365466	0.339608	93
Acifluorfen	1.71377	1.35991	79

Notes:

% (for CCVS)= (CCVS/Ref. CCVS)X100

```
 HPHPHP      HP     HPHPHP      HPHPHP
HP    HP    HP    HP          HP
HP    HP    HP     HP         HP
HP    HP    HP      HPHP      HP
HP    HP    HP       PHPH     H
HP    HP    HP          HP    HP
HP    HP    HP         HP     HP
 HPHPHP      HP     HPHPHP      HPHPHP
```

S E Q U E N C E

S U M M A R Y

R E P O R T

Case Number: Batch 132 ..... Matrix: Groundwater .....

Screen or Quantitation or Both Run Date: 11/20/00 .....

Analyte(s): Phenols .....

Instrument: ..... Detector: .....

Column: ..... Guard Column..... yes or no

Signature/Date: Jeff Hardy 8/17/01

Notebook No.....

S e q u e n c e

Sequence Parameters:

Operator:	Jeff Hardy
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	P112000C
Part of Methods to run:	According to Runtime Checklist
Wait Time after loading Method:	0 min
Barcode Reader:	not used
Sequence Timeout:	0 min
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table:

Vial Information Part:

Line	Vial	Vial Information
1	1	
2	2	
3	3	
4	4	
5	5	
6	10	
7	3	
8	11	
9	12	
10	13	
11	14	
12	15	
13	10	
14	3	

15 none

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	M-382 LEVEL1	P112000Q	3	Sample		
2	2	M-383 LEVEL2	P112000Q	1	Sample		
3	3	M-384 LEVEL3	P112000Q	1	Sample		
4	4	M-385 LEVEL4	P112000Q	1	Sample		
5	5	M-386 LEVEL5	P112000Q	1	Sample		
6	10	RINSE	P112000Q	1	Sample		
7	3	CCV	P112000Q	1	Sample		
8	11	LRB131	P112000Q	1	Sample		
9	12	DK17317	P112000Q	1	Sample		
10	13	LFM 1 131	P112000Q	1	Sample		
11	14	LFM 2 131	P112000Q	1	Sample		
12	15	LFB 131	P112000Q	1	Sample		
13	10	RINSE	P112000Q	1	Sample		
14	3	CCV	P112000Q	1	Sample		
15	none		SLOWPHEN	1	Sample		

Calibration Part:

Line	Vial	SampleName	Method	CalLev	Update RF	Update RT	Interval

Quantification Part:

Line	Vial	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	1	M-382 LEVEL1				
2	2	M-383 LEVEL2				
3	3	M-384 LEVEL3				
4	4	M-385 LEVEL4				
5	5	M-386 LEVEL5				
6	10	RINSE				
7	3	CCV				
8	11	LRB131				
9	12	DK17317				
10	13	LFM 1 131				
11	14	LFM 2 131				
12	15	LFB 131				
13	10	RINSE				
14	3	CCV				
15	none					

Sequence Output Parameters:

Print Sequence Summary Report (SSR): Yes

SSR to Printer:	Yes
SSR to File:	No
SSR to HTML:	No
Print individual reports for each run:	No

Sequence Summary Parameters:

One page header:	Yes
Print Configuration:	No
Print Sequence:	Yes
Print Logbook:	No
Print Method(s):	Yes
Print Analysis reports:	Yes
Print Statistics for Calib. runs:	No
Print Statistics for Sample runs:	No
Print Summary:	No

Method Listing

Method Information

HPLC/SB-CN/DAD analysis method for phenoxy acids

Method Change History

Operator	Date	Change Information
Charity Ca	11/20/00 10:20:44 AM	
Jeff Hardy	8/17/01 10:51:33 AM	
Jeff Hardy	8/17/01 10:57:31 AM	
Jeff Hardy	8/17/01 10:58:43 AM	

Run Time Checklist

Pre-Run Cmd/Macro: off

Data Acquisition: on

Standard Data Analysis: on

Customized Data Analysis: off

Save GLP Data: on

Post-Run Cmd/Macro: off

Save Method with Data: skipped - no ACQ running

Injection Source and Location

Injection Source:

Injection Location: Front

FLUORESCENCE DETECTOR

Settings:

Stop Time as Pump: 40.00 min

Excitation	Zero Order
Emission	Zero Order
Pmtgain	1
Lamp	Off
Delay	Off
Gate	Off
Responsetime	0.25 sec

Time Table is empty.

==========

HP 1100 Quaternary Pump 1

==========

Control

Flow	:	1.000 ml/min
Stoptime	:	40.00 min
Posttime	:	5.00 min

Solvents

Solvent A	:	70.0 % (H3PO4 in H2O)
Solvent B	:	30.0 % (MeCN)
Solvent C	:	Off
Solvent D	:	0.0 % (H2O)

PressureLimits

Minimum Pressure	:	0 bar
Maximum Pressure	:	400 bar

Auxiliary

Maximal Flow Ramp	:	100.00 ml/min^2
Primary Channel	:	Auto
Compressibility	:	100*10^-6/bar
Minimal Stroke	:	Auto

Store Parameters

Store Ratio A	:	Yes
Store Ratio B	:	Yes
Store Ratio C	:	Yes
Store Ratio D	:	Yes
Store Flow	:	Yes
Store Pressure	:	Yes

HP 1100 Contacts Option

==========

Contact 1	:	Open
Contact 2	:	Open
Contact 3	:	Open
Contact 4	:	Open

Timetable

Time	Solv.B	Solv.C	Solv.D	Flow	Pressure
0.00	30.0	0.0	0.0		400

25.00	30.0	0.0	0.0	400
35.00	70.0	0.0	0.0	400
38.00	70.0	0.0	0.0	400
40.00	30.0	0.0	0.0	400

HP 1100 Contacts Option Timetable
==========

Timetable is empty

==========
HP 1100 Autosampler 1
==========

Injection
- Injection Mode : Standard
- Injector volume : 10.0 µl

Auxiliary
- Drawspeed : 200 µl/min
- Ejectspeed : 200 µl/min
- Draw position : 0.8 mm

Time
- Stoptime : As Pump
- Posttime : Off

==========
Integration Events
==========

Results will be produced with the enhanced integrator.

Default Integration Event Table "Event"

Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_ADC"

Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_VWD"

Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_ECD"

Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_MWD"

Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_DAD"

Event	Value	Time
Initial Slope Sensitivity	5.000	Initial
Initial Peak Width	0.050	Initial
Initial Area Reject	5.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_FLD"

Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

Signal Specific Integration Event Table "Event_FLD1A"

Event	Value	Time
Initial Slope Sensitivity	0.200	Initial
Initial Peak Width	0.100	Initial
Initial Area Reject	0.000	Initial
Initial Height Reject	0.020	Initial
Initial Shoulders	OFF	Initial
Integration OFF		0.000
Integration ON		10.000
Baseline Now		24.007
Baseline Now		29.297
Baseline Now		30.038
Fixed Peak Width	0.150	41.183

Signal Specific Integration Event Table "Event_DAD1C"

Event	Value	Time
Initial Slope Sensitivity	0.380	Initial
Initial Peak Width	0.100	Initial
Initial Area Reject	0.000	Initial
Initial Height Reject	0.000	Initial
Initial Shoulders	OFF	Initial
Integration OFF		0.000
Integration ON		7.000
Integration OFF		20.004
Integration ON		23.434
Baseline Now		23.768
Baseline Now		23.973
Integration OFF		24.092
Integration ON		25.200
Baseline Now		25.236
Baseline Now		25.492
Integration OFF		26.000

Signal Specific Integration Event Table "Event_DAD1A"

Event	Value	Time
Initial Slope Sensitivity	0.402	Initial
Initial Peak Width	0.095	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	0.052	Initial
Initial Shoulders	OFF	Initial
Integration OFF		0.141
Integration ON		6.225
Slope Sensitivity	0.350	24.000
Integration OFF		28.000
Slope Sensitivity	10.000	36.900
Integration ON		36.900

Integration OFF 37.900

Apply Manual Integration Events: No

==========

Specify Report

==========

Destination:	Printer
Quantitative Results sorted by:	Retention Time
Report Style:	Short
Sample info on each page:	No
Add Chromatogram Output:	Yes
Chromatogram Output:	Portrait
Size in Time direction:	100 % of Page
Size in Response direction:	20 % of Page

==========

Signal Options

==========

Include: Axes, Compound Names, Baselines, Tick Marks
Font: Arial, Size: 8

Ranges: Use Ranges

	Min Value	Max Value
Time		
Response	-1.000	50.000

Multi Chromatograms: Overlaid, All the same Scale

==========

Calibration Table

==========

phenoxy acids

Calib. Data Modified :	Friday, August 17, 2001 10:57:05 AM
Calculate :	External Standard
Based on :	Peak Area
Rel. Reference Window :	0.000 %
Abs. Reference Window :	0.700 min
Rel. Non-ref. Window :	0.000 %
Abs. Non-ref. Window :	0.700 min
Uncalibrated Peaks :	not reported
Partial Calibration :	Yes, identified peaks are recalibrated
Correct All Ret. Times:	No, only for identified peaks
Curve Type :	Linear (some peaks differ, see below)
Origin :	Ignored (some peaks differ, see below)
Weight :	Equal

Recalibration Settings:

Average Response :	Average all calibrations
Average Retention Time:	No Update

Method File C:\HPCHEM\2\METHODS\P112000Q.M

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Signal 1: DAD1 A, Sig=215,50 Ref=360,100

RetTime [min]	Sig	Lvl	Amount [ng/ul]	Area	Amt/Area	Ref	Grp	Name
7.300	1	1	8.80000e-2	3.49311	2.51924e-2			Picloram
		2	1.80000e-1	5.86028	3.07153e-2			
		3	4.40000e-1	15.31377	2.87323e-2			
		4	8.80000e-1	33.69007	2.61205e-2			
		5	1.80000	66.13738	2.72161e-2			
11.573	1	1	6.60000e-2	4.20850	1.56826e-2			Dicamba
		2	1.30000e-1	7.69348	1.68974e-2			
		3	3.30000e-1	22.36963	1.47521e-2			
		4	6.60000e-1	37.45646	1.76205e-2			
		5	1.30000	75.23638	1.72789e-2			
15.143	1	1	8.50000e-2	3.11485	2.72886e-2			Bentazon
		2	1.70000e-1	6.37911	2.66495e-2			
		3	4.30000e-1	13.30430	3.23204e-2			
		4	8.50000e-1	34.16555	2.48789e-2			
		5	1.70000	59.17923	2.87263e-2			
16.018	1	1	1.60000e-1	6.95870	2.29928e-2			MCPA
		2	3.20000e-1	14.23554	2.24789e-2			
		3	8.00000e-1	34.64157	2.30936e-2			
		4	1.60000	72.19673	2.21617e-2			
		5	3.20000	136.48126	2.34464e-2			
16.503	1	1	1.00000e-1	4.24392	2.35631e-2			2,4 - D
		2	2.00000e-1	9.26507	2.15865e-2			
		3	5.00000e-1	22.76954	2.19592e-2			
		4	1.00000	43.65231	2.29083e-2			
		5	2.00000	88.04247	2.27163e-2			
20.955	1	1	1.90000e-1	7.55009	2.51652e-2			MCPP
		2	3.80000e-1	18.17973	2.09024e-2			
		3	9.50000e-1	39.47725	2.40645e-2			
		4	1.90000	83.77224	2.26805e-2			
		5	3.80000	150.88857	2.51841e-2			
21.702	1	1	1.10000e-1	5.00193	2.19915e-2			2,4 - DP
		2	2.20000e-1	8.35930	2.63180e-2			
		3	5.50000e-1	21.58689	2.54784e-2			
		4	1.10000	45.45126	2.42017e-2			
		5	2.20000	87.06661	2.52680e-2			
26.002	1	1	7.60000e-2	5.49756	1.38243e-2			2,4,5 - T
		2	1.50000e-1	16.23272	9.24059e-3			
		3	3.80000e-1	30.50568	1.24567e-2			
		4	7.60000e-1	63.02052	1.20596e-2			
		5	1.50000	116.86299	1.28355e-2			
37.146	1	1	2.80000e-1	9.85885	2.84009e-2			Acifluorfen
		2	5.60000e-1	19.55420	2.86384e-2			
		3	1.40000	60.30011	2.32172e-2			
		4	2.80000	99.97581	2.80068e-2			
		5	5.60000	200.18788	2.79737e-2			

More compound-specific settings:

Compound: Picloram
  Curve Type : Linear
  Origin : Ignored

Compound: Dicamba
  Curve Type : Linear
  Origin : Ignored

Compound: Bentazon
  Curve Type : Linear
  Origin : Ignored

Compound: MCPA
  Curve Type : Linear
  Origin : Ignored

Compound: 2,4 - D
  Curve Type : Linear
  Origin : Ignored

Compound: MCPP
  Curve Type : Linear
  Origin : Ignored

Compound: 2,4 - DP
  Curve Type : Linear
  Origin : Ignored

Compound: 2,4,5 - T
  Time Window : From 25.672 min To 27.202 min
  Curve Type : Linear
  Origin : Ignored

Compound: Acifluorfen
  Curve Type : Linear
  Origin : Ignored

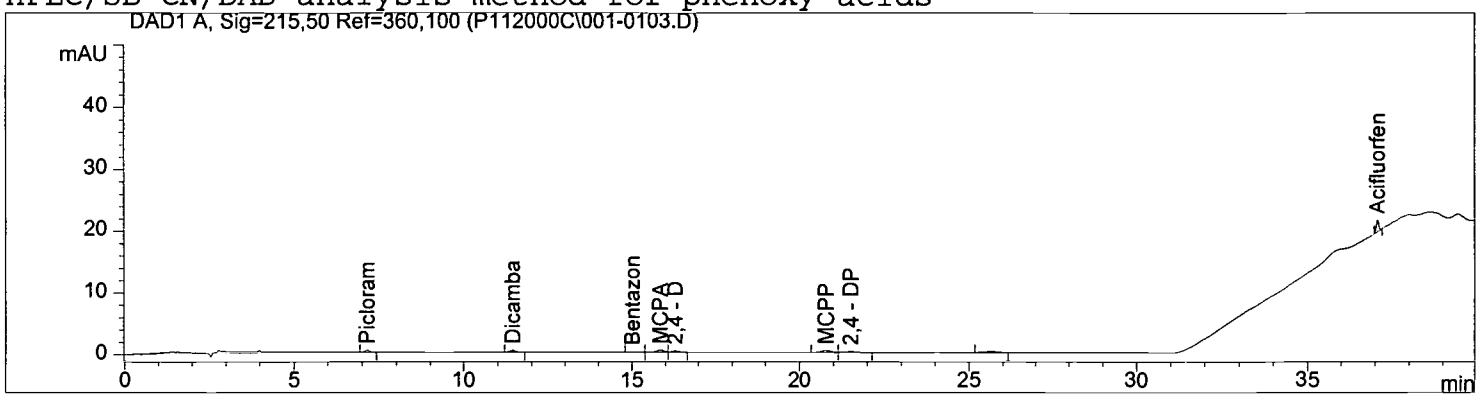
1 Warnings or Errors :

Warning : Overlapping peak time windows at 16.018 min, signal 1

==========
Peak Sum Table
==========

No Entries in table
==========

```
==================================================================
Injection Date   : 11/20/00 11:11:54 AM          Seq. Line :   1
Sample Name      : M-382 LEVEL1                       Vial :   1
Acq. Operator    : Charity Carpenter                   Inj :   3
Acq. Instrument  : Instrument 2                 Inj Volume : 10 µl
Sequence File    : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method      : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed     : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method  : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed     : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids
```




```
==================================================================
                      External Standard Report
==================================================================

Sorted By              :      Retention Time
Calib. Data Modified   :      Friday, August 17, 2001 10:57:05 AM
Multiplier             :      1.0000
Dilution               :      1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100
```

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.150	1	PB	3.49311	2.88109e-2	1.00640e-1		Picloram
11.434	1	BB	4.20850	1.31453e-2	5.53219e-2		Dicamba
15.013	1	BP	3.11485	2.51783e-2	7.84265e-2		Bentazon
15.851	1	VV	6.95870	2.03144e-2	1.41361e-1		MCPA
16.300	1	VB	4.24392	2.13218e-2	9.04881e-2		2,4 - D
20.784	1	PV	7.55009	1.62068e-2	1.22363e-1		MCPP
21.506	1	VB	5.00193	2.35814e-2	1.17953e-1		2,4 - DP
26.002	1		-	-	-		2,4,5 - T
37.066	1	BB	9.85885	2.06841e-2	2.03921e-1		Acifluorfen
Totals :					9.10474e-1		

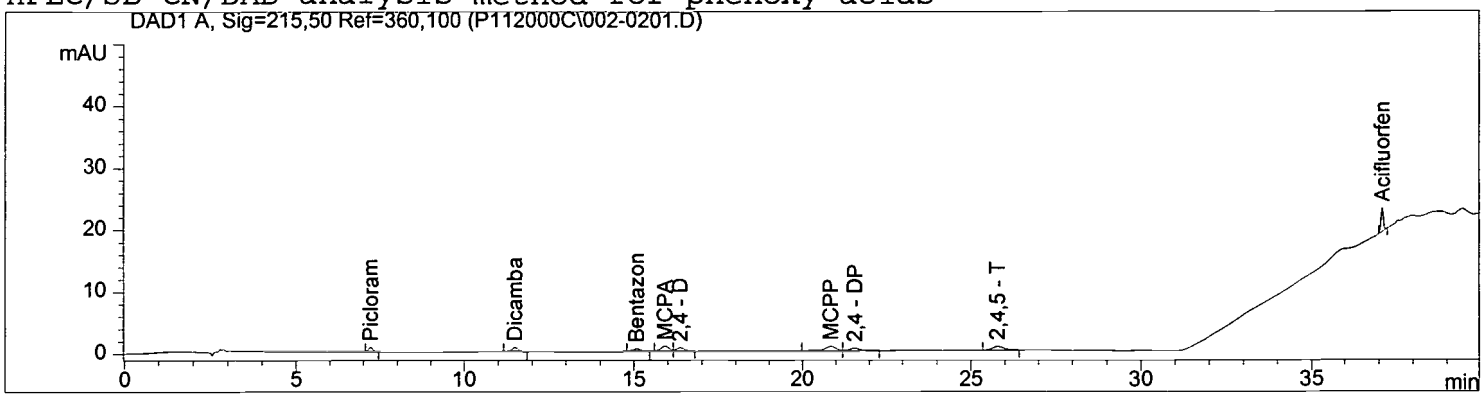
```
 Results obtained with enhanced integrator!
2 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)
Warning : Calibrated compound(s) not found

==================================================================
                      *** End of Report ***
```

==========

Injection Date : 11/20/00 11:57:59 AM Seq. Line : 2
Sample Name : M-383 LEVEL2 Vial : 2
Acq. Operator : Charity Carpenter Inj : 1
Acq. Instrument : Instrument 2 Inj Volume : 10 µl
Sequence File : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids



==========

External Standard Report

==========

Sorted By : Retention Time
Calib. Data Modified : Friday, August 17, 2001 10:57:05 AM
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.212	1	BP	5.86028	2.80606e-2	1.64443e-1		Picloram
11.480	1	VB	7.69348	1.51386e-2	1.16468e-1		Dicamba
15.076	1	BB	6.37911	2.67593e-2	1.70700e-1		Bentazon
15.912	1	BV	14.23554	2.18866e-2	3.11568e-1		MCPA
16.364	1	VP	9.26507	2.21287e-2	2.05024e-1		2,4 - D
20.843	1	BV	18.17973	2.14714e-2	3.90344e-1		MCPP
21.581	1	VP	8.35930	2.42324e-2	2.02566e-1		2,4 - DP
25.785	1	BB	16.23272	1.11702e-2	1.81323e-1		2,4,5 - T
37.096	1	BB	19.55420	2.44339e-2	4.77785e-1		Acifluorfen

Totals : 2.22022

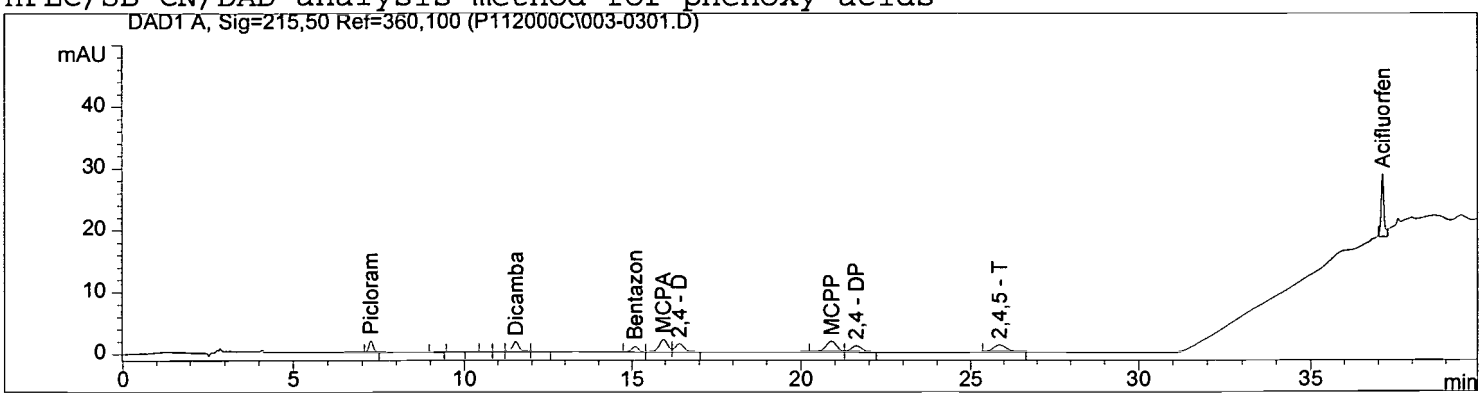
Results obtained with enhanced integrator!
1 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)

==========

*** End of Report ***

```
==================================================================
Injection Date   : 11/20/00 12:44:04 PM          Seq. Line :   3
Sample Name      : M-384 LEVEL3                       Vial :   3
Acq. Operator    : Charity Carpenter                   Inj :   1
Acq. Instrument  : Instrument 2                 Inj Volume : 10 µl
Sequence File    : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method      : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed     : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method  : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed     : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids
```




```
==================================================================
                      External Standard Report
==================================================================

Sorted By              :      Retention Time
Calib. Data Modified   :      Friday, August 17, 2001 10:57:05 AM
Multiplier             :      1.0000
Dilution               :      1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100
```

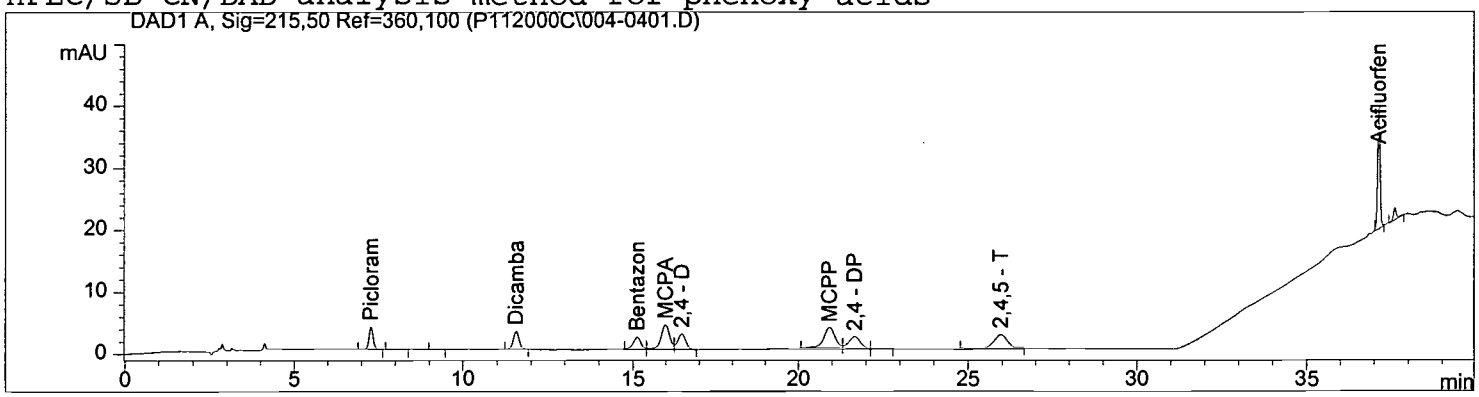
RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.255	1	BB	15.31377	2.73771e-2	4.19247e-1		Picloram
11.521	1	VB	22.36963	1.67178e-2	3.73972e-1		Dicamba
15.095	1	BP	13.30430	2.75445e-2	3.66461e-1		Bentazon
15.949	1	VV	34.64157	2.27723e-2	7.88868e-1		MCPA
16.416	1	VB	22.76954	2.25332e-2	5.13071e-1		2,4 - D
20.893	1	BV	39.47725	2.34888e-2	9.27272e-1		MCPP
21.619	1	VB	21.58689	2.48268e-2	5.35933e-1		2,4 - DP
25.874	1	BB	30.50568	1.20169e-2	3.66584e-1		2,4,5 - T
37.116	1	BB	60.30011	2.70104e-2	1.62873		Acifluorfen
Totals :					5.92014		

```
 Results obtained with enhanced integrator!
1 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)

==================================================================
                      *** End of Report ***
```

```
==========================================================================
Injection Date  : 11/20/00 1:30:10 PM          Seq. Line :   4
Sample Name     : M-385 LEVEL4                      Vial :   4
Acq. Operator   : Charity Carpenter                  Inj :   1
Acq. Instrument : Instrument 2                 Inj Volume : 10 µl
Sequence File   : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method     : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed    : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed    : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids
```




```
==========================================================================
                        External Standard Report
==========================================================================

Sorted By              :      Retention Time
Calib. Data Modified   :      Friday, August 17, 2001 10:57:05 AM
Multiplier             :      1.0000
Dilution               :      1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100
```

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.279	1	VB	33.69007	2.71460e-2	9.14552e-1		Picloram
11.553	1	VB	37.45646	1.70513e-2	6.38681e-1		Dicamba
15.124	1	BV	34.16555	2.79862e-2	9.56164e-1		Bentazon
15.985	1	VV	72.19673	2.30937e-2	1.66729		MCPA
16.466	1	VP	43.65231	2.26660e-2	9.89422e-1		2,4 - D
20.919	1	BV	83.77224	2.43993e-2	2.04398		MCPP
21.662	1	VV	45.45126	2.50240e-2	1.13737		2,4 - DP
25.951	1	VB	63.02052	1.25137e-2	7.88622e-1		2,4,5 - T
37.130	1	BB	99.97581	2.75011e-2	2.74944		Acifluorfen

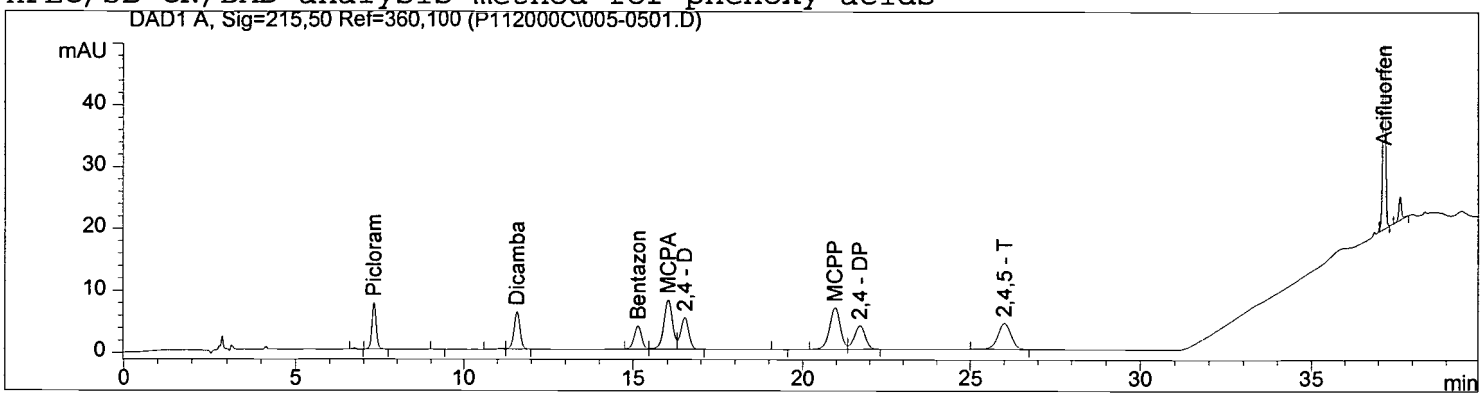
Totals : 11.88553

Results obtained with enhanced integrator!
1 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)

==
*** End of Report ***

```
==================================================================
Injection Date  : 11/20/00 2:16:16 PM          Seq. Line :   5
Sample Name     : M-386 LEVEL5                      Vial :   5
Acq. Operator   : Charity Carpenter                  Inj :   1
Acq. Instrument : Instrument 2                 Inj Volume : 10 µl
Sequence File   : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method     : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed    : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed    : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids
```

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==================================================================
                      External Standard Report
==================================================================

Sorted By              :      Retention Time
Calib. Data Modified   :      Friday, August 17, 2001 10:57:05 AM
Multiplier             :      1.0000
Dilution               :      1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100
```

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.300	1	BB	66.13738	2.70516e-2	1.78912		Picloram
11.573	1	VB	75.23638	1.72996e-2	1.30156		Dicamba
15.143	1	BV	59.17923	2.81053e-2	1.66325		Bentazon
16.018	1	VV	136.48126	2.32333e-2	3.17091		MCPA
16.503	1	VP	88.04247	2.27390e-2	2.00199		2,4 - D
20.955	1	BV	150.88857	2.47602e-2	3.73604		MCPP
21.702	1	VB	87.06661	2.51092e-2	2.18618		2,4 - DP
26.002	1	BP	116.86299	1.27285e-2	1.48749		2,4,5 - T
37.146	1	BB	200.18788	2.78744e-2	5.58012		Acifluorfen

Totals : 22.91666

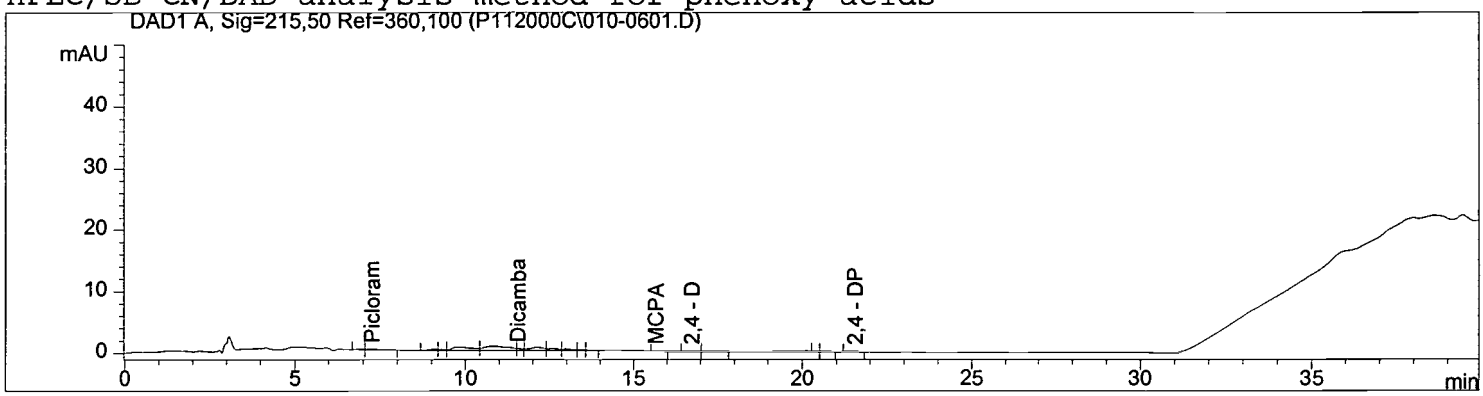
Results obtained with enhanced integrator!
1 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)

==
*** End of Report ***

==========

Injection Date : 11/20/00 3:02:24 PM Seq. Line : 6
Sample Name : RINSE Vial : 10
Acq. Operator : Charity Carpenter Inj : 1
Acq. Instrument : Instrument 2 Inj Volume : 10 µl
Sequence File : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : Friday, August 17, 2001 10:57:05 AM
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.256	1	VB	3.23682	2.89579e-2	9.37316e-2		Picloram
11.554	1	VB	3.71257	1.25575e-2	4.66205e-2		Dicamba
15.143	1		-	-	-		Bentazon
15.674	1	PB	1.43393	8.46362e-3	1.21362e-2		MCPA
16.743	1	PV	1.84431	1.93847e-2	3.57514e-2		2,4 - D
20.955	1		-	-	-		MCPP
21.555	1	PP	1.40252	1.94214e-2	2.72390e-2		2,4 - DP
26.002	1		-	-	-		2,4,5 - T
37.146	1		-	-	-		Acifluorfen

Totals : 2.15479e-1

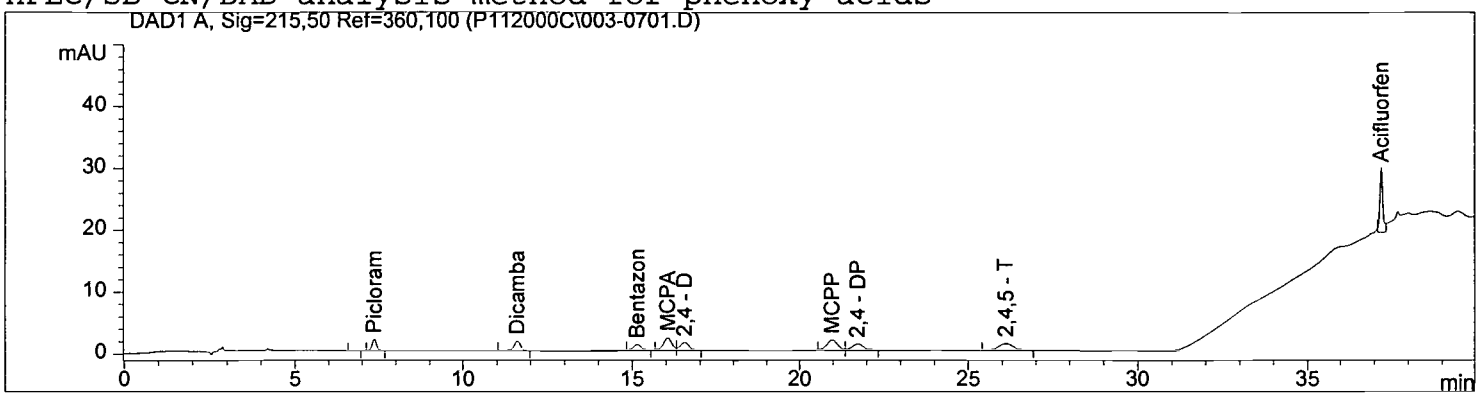
Results obtained with enhanced integrator!
2 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)
Warning : Calibrated compound(s) not found

==========

*** End of Report ***

```
==================================================================
Injection Date  : 11/20/00 3:48:32 PM          Seq. Line :   7
Sample Name     : CCV                               Vial :   3
Acq. Operator   : Charity Carpenter                  Inj :   1
Acq. Instrument : Instrument 2                 Inj Volume : 10 µl
Sequence File   : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method     : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed    : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed    : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids
```




```
==================================================================
                      External Standard Report
==================================================================

Sorted By              :      Retention Time
Calib. Data Modified   :      Friday, August 17, 2001 10:57:05 AM
Multiplier             :      1.0000
Dilution               :      1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100
```

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.353	1	BB	16.68416	2.73423e-2	4.56184e-1		Picloram
11.610	1	BB	19.86177	1.66133e-2	3.29970e-1		Dicamba
15.147	1	BB	14.48479	2.76035e-2	3.99831e-1		Bentazon
16.048	1	BV	33.70676	2.27552e-2	7.67003e-1		MCPA
16.546	1	VB	21.67601	2.25192e-2	4.88127e-1		2,4 - D
20.964	1	BV	35.98784	2.33218e-2	8.39301e-1		MCPP
21.726	1	VP	22.66913	2.48447e-2	5.63208e-1		2,4 - DP
26.101	1	PP	30.41954	1.20142e-2	3.65466e-1		2,4,5 - T
37.193	1	BB	63.31058	2.70692e-2	1.71377		Acifluorfen

```
Totals :                                      5.92285

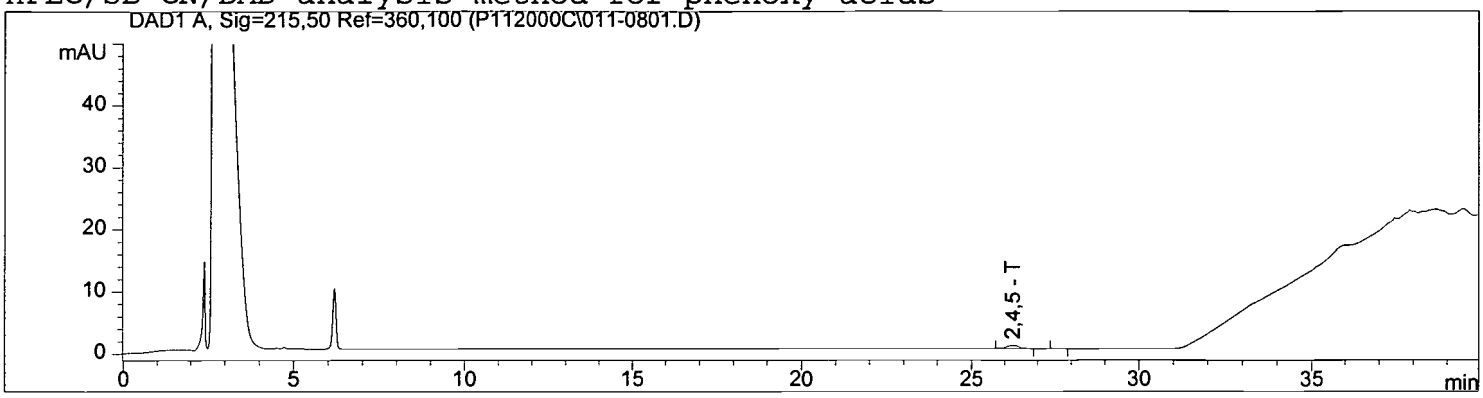
 Results obtained with enhanced integrator!
1 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)

==================================================================
                        *** End of Report ***
```

==========

Injection Date : 11/20/00 4:34:39 PM Seq. Line : 8
Sample Name : LRB~~131~~ 132 JN 8/17/01 Vial : 11
Acq. Operator : Charity Carpenter Inj : 1
Acq. Instrument : Instrument 2 Inj Volume : 10 µl
Sequence File : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : Friday, August 17, 2001 10:57:05 AM
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.300	1		-	-	-		Picloram
11.573	1		-	-	-		Dicamba
15.143	1		-	-	-		Bentazon
16.018	1		-	-	-		MCPA
16.503	1		-	-	-		2,4 - D
20.955	1		-	-	-		MCPP
21.702	1		-	-	-		2,4 - DP
26.235	1	BB	15.87367	1.11293e-2	1.76663e-1		2,4,5 - T
37.146	1		-	-	-		Acifluorfen

Totals : 1.76663e-1

Results obtained with enhanced integrator!
2 Warnings or Errors :

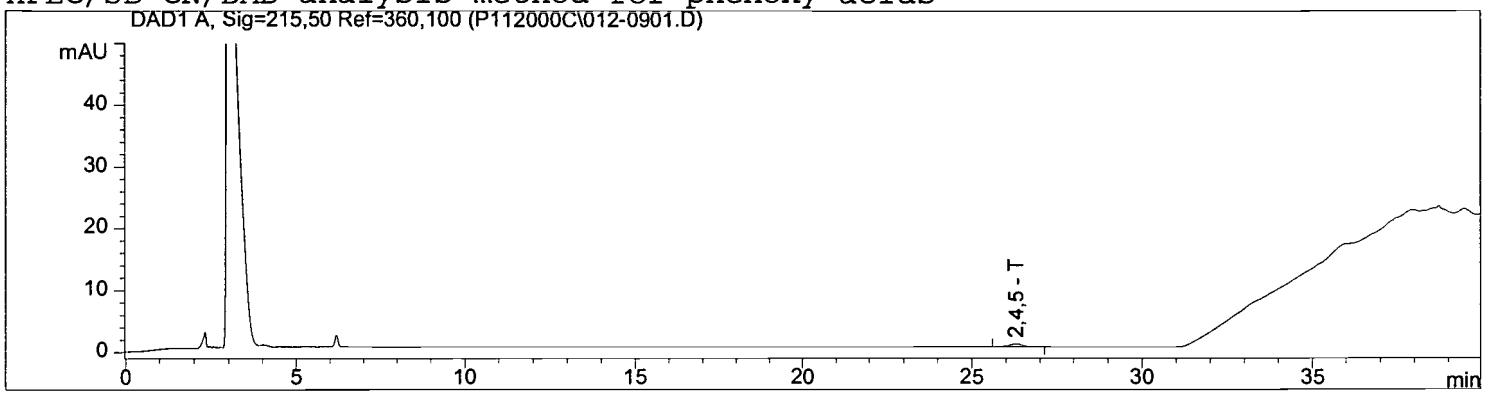
Warning : Calibration warnings (see calibration table listing)
Warning : Calibrated compound(s) not found

==========

*** End of Report ***

==========

Injection Date : 11/20/00 5:20:44 PM Seq. Line : 9
Sample Name : DK17317 Vial : 12
Acq. Operator : Charity Carpenter Inj : 1
Acq. Instrument : Instrument 2 Inj Volume : 10 µl
Sequence File : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : Friday, August 17, 2001 10:57:05 AM
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.300	1		-	-	-		Picloram
11.573	1		-	-	-		Dicamba
15.143	1		-	-	-		Bentazon
16.018	1		-	-	-		MCPA
16.503	1		-	-	-		2,4 - D
20.955	1		-	-	-		MCPP
21.702	1		-	-	-		2,4 - DP
26.285	1	VB	15.60800	1.10978e-2	1.73215e-1		2,4,5 - T
37.146	1		-	-	-		Acifluorfen

Totals : 1.73215e-1

Results obtained with enhanced integrator!
2 Warnings or Errors :

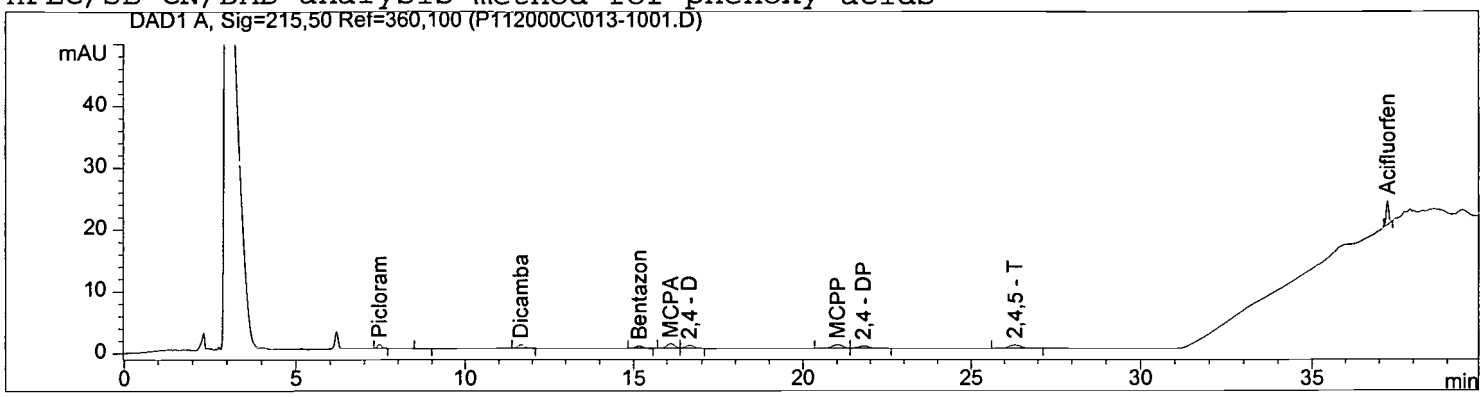
Warning : Calibration warnings (see calibration table listing)
Warning : Calibrated compound(s) not found

==========

*** End of Report ***

==========

Injection Date : 11/20/00 6:06:51 PM Seq. Line : 10
Sample Name : LFM 1 ~~131~~ 132 JH 8/17/01 Vial : 13
Acq. Operator : Charity Carpenter Inj : 1
Acq. Instrument : Instrument 2 Inj Volume : 10 µl
Sequence File : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : Friday, August 17, 2001 10:57:05 AM
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.437	1	BB	5.76560	2.80788e-2	1.61891e-1		Picloram
11.658	1	BB	8.41045	1.53438e-2	1.29048e-1		Dicamba
15.164	1	BB	6.89786	2.68727e-2	1.85364e-1		Bentazon
16.110	1	BV	13.88501	2.18487e-2	3.03369e-1		MCPA
16.638	1	VP	9.04413	2.21121e-2	1.99985e-1		2,4 - D
21.015	1	PV	14.99954	2.06786e-2	3.10169e-1		MCPP
21.792	1	VB	10.87299	2.44567e-2	2.65917e-1		2,4 - DP
26.305	1	BB	14.91254	1.10100e-2	1.64188e-1		2,4,5 - T
37.229	1	BB	21.02457	2.47005e-2	5.19318e-1		Acifluorfen
Totals :					2.23925		

Results obtained with enhanced integrator!
1 Warnings or Errors :

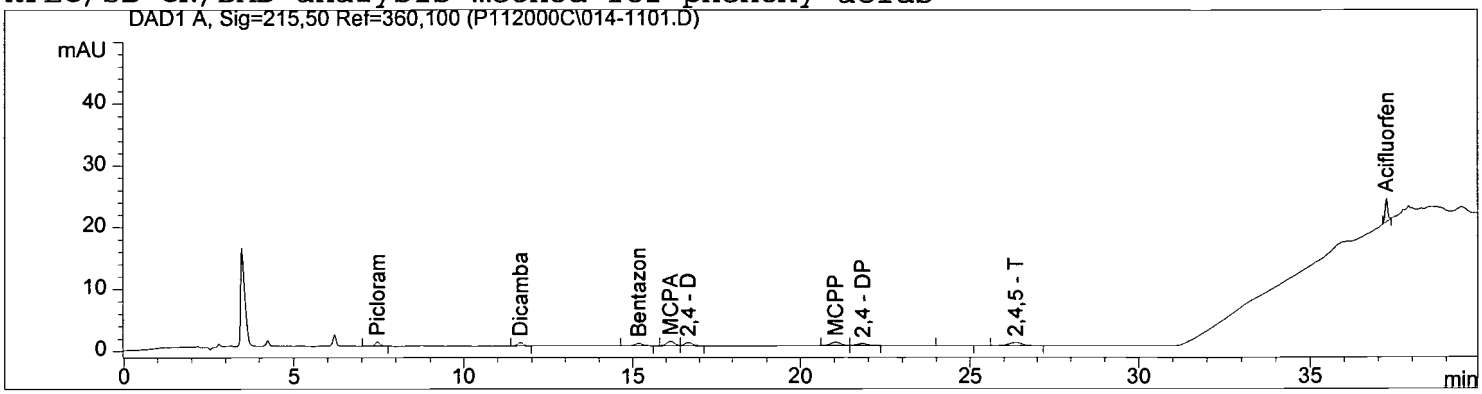
Warning : Calibration warnings (see calibration table listing)

==========

*** End of Report ***

==========

Injection Date : 11/20/00 6:52:57 PM Seq. Line : 11
Sample Name : LFM 2 ~~131~~ 132 JH 8/17/01 Vial : 14
Acq. Operator : Charity Carpenter Inj : 1
Acq. Instrument : Instrument 2 Inj Volume : 10 µl
Sequence File : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : Friday, August 17, 2001 10:57:05 AM
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.459	1	BB	7.41359	2.78286e-2	2.06310e-1		Picloram
11.667	1	BB	7.30662	1.50111e-2	1.09681e-1		Dicamba
15.170	1	BP	6.91177	2.68755e-2	1.85757e-1		Bentazon
16.135	1	BV	12.66315	2.16999e-2	2.74789e-1		MCPA
16.667	1	VP	8.99060	2.21079e-2	1.98763e-1		2,4 - D
21.033	1	BV	12.64374	1.98341e-2	2.50778e-1		MCPP
21.823	1	VP	8.20584	2.42143e-2	1.98699e-1		2,4 - DP
26.342	1	BP	16.02182	1.11464e-2	1.78586e-1		2,4,5 - T
37.235	1	BB	20.35612	2.45841e-2	5.00436e-1		Acifluorfen

Totals : 2.10380

Results obtained with enhanced integrator!
1 Warnings or Errors :

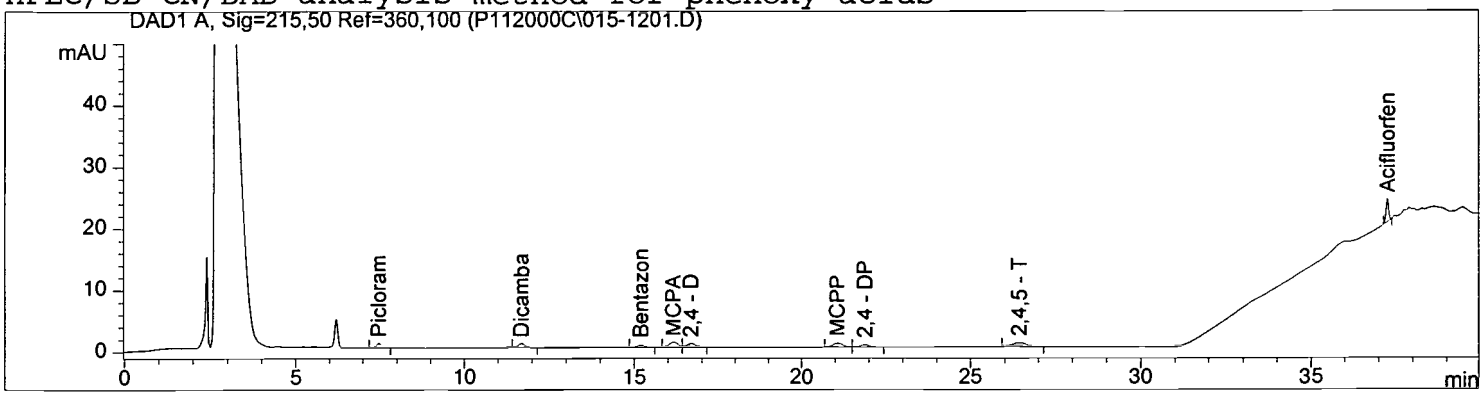
Warning : Calibration warnings (see calibration table listing)

==========

*** End of Report ***

==========

Injection Date : 11/20/00 7:39:02 PM Seq. Line : 12
Sample Name : LFB ~~131~~ 132 8/17/01 JH Vial : 15
Acq. Operator : Charity Carpenter Inj : 1
Acq. Instrument : Instrument 2 Inj Volume : 10 µl
Sequence File : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : Friday, August 17, 2001 10:57:05 AM
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.464	1	BB	6.18882	2.80018e-2	1.73298e-1		Picloram
11.692	1	BB	8.10297	1.52602e-2	1.23653e-1		Dicamba
15.206	1	BB	5.85518	2.66243e-2	1.55890e-1		Bentazon
16.164	1	BV	12.80856	2.17191e-2	2.78191e-1		MCPA
16.687	1	VP	9.40486	2.21389e-2	2.08213e-1		2,4 - D
21.061	1	BV	13.80432	2.02862e-2	2.80037e-1		MCPP
21.873	1	VP	7.62661	2.41393e-2	1.84101e-1		2,4 - DP
26.423	1	BP	14.37377	1.09362e-2	1.57194e-1		2,4,5 - T
37.249	1	BB	19.86065	2.44927e-2	4.86441e-1		Acifluorfen

Totals : 2.04702

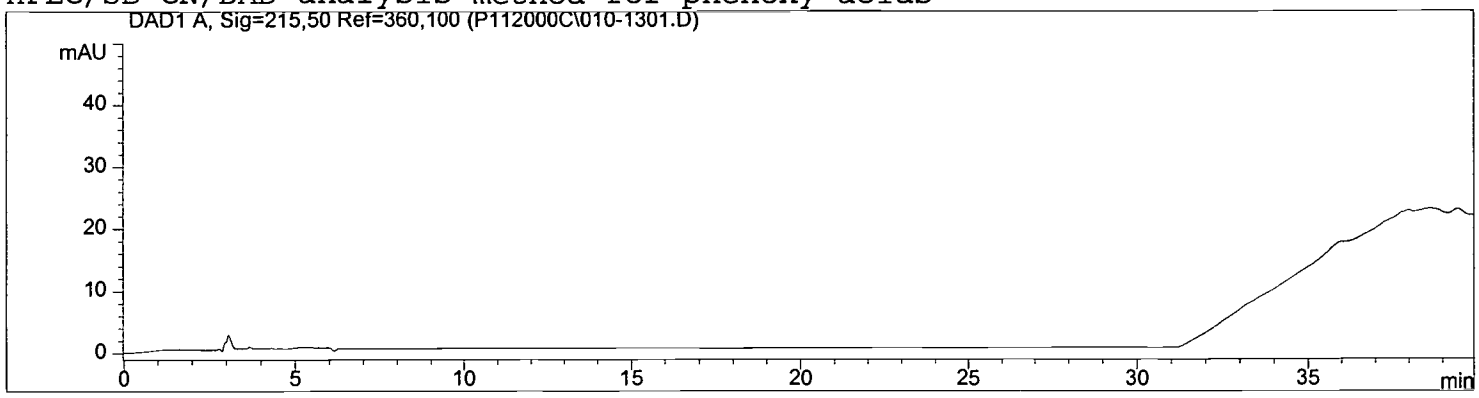
Results obtained with enhanced integrator!
1 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)

==========

*** End of Report ***

```
==================================================================
Injection Date  : 11/20/00 8:25:09 PM          Seq. Line :  13
Sample Name     : RINSE                             Vial :  10
Acq. Operator   : Charity Carpenter                  Inj :   1
Acq. Instrument : Instrument 2                 Inj Volume : 10 µl
Sequence File   : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method     : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed    : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed    : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids
```

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==================================================================
                      External Standard Report
==================================================================

Sorted By              :      Retention Time
Calib. Data Modified   :      Friday, August 17, 2001 10:57:05 AM
Multiplier             :      1.0000
Dilution               :      1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100
```

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.300	1		-	-	-		Picloram
11.573	1		-	-	-		Dicamba
15.143	1		-	-	-		Bentazon
16.018	1		-	-	-		MCPA
16.503	1		-	-	-		2,4 - D
20.955	1		-	-	-		MCPP
21.702	1		-	-	-		2,4 - DP
26.002	1		-	-	-		2,4,5 - T
37.146	1		-	-	-		Acifluorfen

Totals : 0.00000

Results obtained with enhanced integrator!
2 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)
Warning : Calibrated compound(s) not found

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Area Percent Report

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Sorted By : Retention Time
Calib. Data Modified : Friday, August 17, 2001 10:57:05 AM
Multiplier : 1.0000
Dilution : 1.0000

Peak #	RetTime [min]	Sig	Type	Area [mAU*s]	Area %	Name
1	7.300	1		0.00000	0.0000	Picloram
2	11.573	1		0.00000	0.0000	Dicamba
3	15.143	1		0.00000	0.0000	Bentazon
4	16.018	1		0.00000	0.0000	MCPA
5	16.503	1		0.00000	0.0000	2,4 - D
6	20.955	1		0.00000	0.0000	MCPP
7	21.702	1		0.00000	0.0000	2,4 - DP
8	26.002	1		0.00000	0.0000	2,4,5 - T
9	37.146	1		0.00000	0.0000	Acifluorfen

Totals : 0.00000

2 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)
Warning : Calibrated compound(s) not found

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*** End of Report ***

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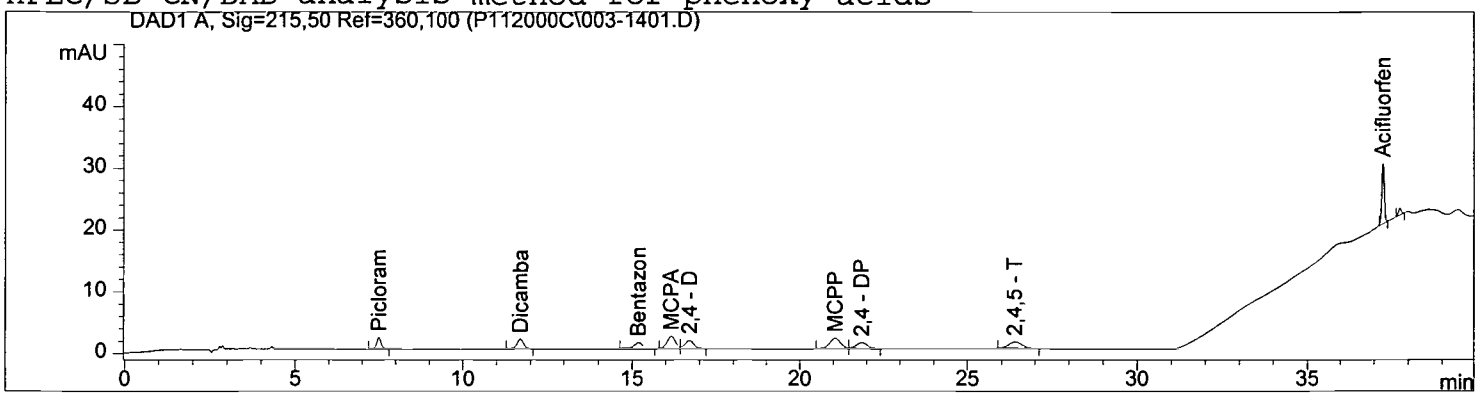
Injection Date : 11/20/00 9:11:18 PM Seq. Line : 14
Sample Name : CCV Vial : 3
Acq. Operator : Charity Carpenter Inj : 1
Acq. Instrument : Instrument 2 Inj Volume : 10 µl
Sequence File : C:\HPCHEM\2\SEQUENCE\P112000C.S
Acq. Method : C:\HPCHEM\2\METHODS\PHENOXY.M
Last changed : 3/20/00 10:27:46 AM by Jeff Hardy
Analysis Method : C:\HPCHEM\2\METHODS\P112000Q.M
Last changed : 8/17/01 10:58:43 AM by Jeff Hardy
HPLC/SB-CN/DAD analysis method for phenoxy acids



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : Friday, August 17, 2001 10:57:05 AM
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: DAD1 A, Sig=215,50 Ref=360,100

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng/ul]	Grp	Name
7.490	1	PP	16.53595	2.73458e-2	4.52189e-1		Picloram
11.700	1	BB	19.71517	1.66064e-2	3.27398e-1		Dicamba
15.184	1	BB	17.51057	2.77183e-2	4.85363e-1		Bentazon
16.164	1	BV	33.70488	2.27551e-2	7.66959e-1		MCPA
16.697	1	VB	23.07010	2.25368e-2	5.19927e-1		2,4 - D
21.051	1	BV	38.12017	2.34275e-2	8.93059e-1		MCPP
21.850	1	VB	22.22677	2.48376e-2	5.52059e-1		2,4 - DP
26.397	1	BB	28.42735	1.19465e-2	3.39608e-1		2,4,5 - T
37.251	1	BB	50.78322	2.67787e-2	1.35991		Acifluorfen

Totals : 5.69647

Results obtained with enhanced integrator!
1 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)

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*** End of Report ***