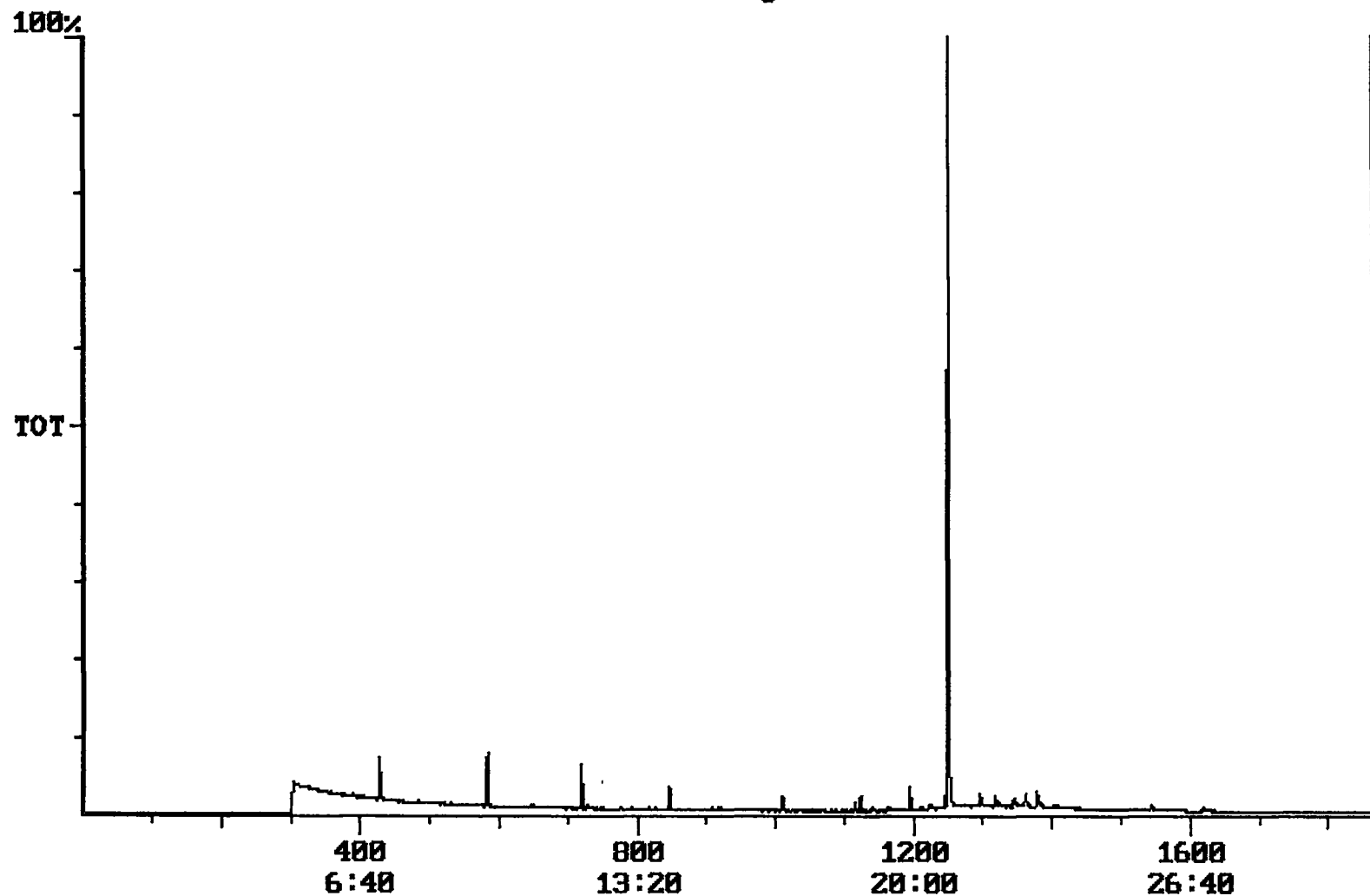


User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 12/07/2001 Time: 10:08:43

Sample: AD25461
Analysis: \$525 Organic Chemicals - 525.2
Units: ug
Started: 10/29/01 10:06 Ended: 11/13/01 10:06 Analyst: TB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Hexachlorocyclopentadiene		< MDL		0.10
2	Hexachlorobenzene		< MDL		0.10
3	Simazine		< MDL		0.40
4	Atrazine		< MDL		0.20
5	Alachlor		< MDL		0.20
6	bis(2-Ethylhexyl)adipate		< MDL		0.60
7	bis(2-Ethylhexyl)phthalate		1.0		0.60
8	Benzo(a)pyrene		< MDL		0.20
9	EPTC		< MDL		1.0
10	2,6-Dinitrotoluene		< MDL		2.0
11	2,4-Dinitrotoluene		< MDL		2.0
12	Molinate		< MDL		0.90
13	Terbacil		< MDL		2.0
14	Acetochlor		< MDL		2.0
15	Metribuzin		< MDL		0.15
16	Metolachlor		< MDL		0.75
17	Butachlor		< MDL		0.40
18	4,4-DDE		< MDL		0.80
19	Surr_1,3-Dimethyl-2-nitrobenze		4.8		1.0
20	Surr_Triphenyl phosphate		6.1		1.0
21	Surr_Perylene-d12		3.2		1.0

Chromatogram Plot File: E:\25461C Date: Nov-14-1991 02:18:02
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25461
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1860 Range: 1 to 1860 100% = 8161247



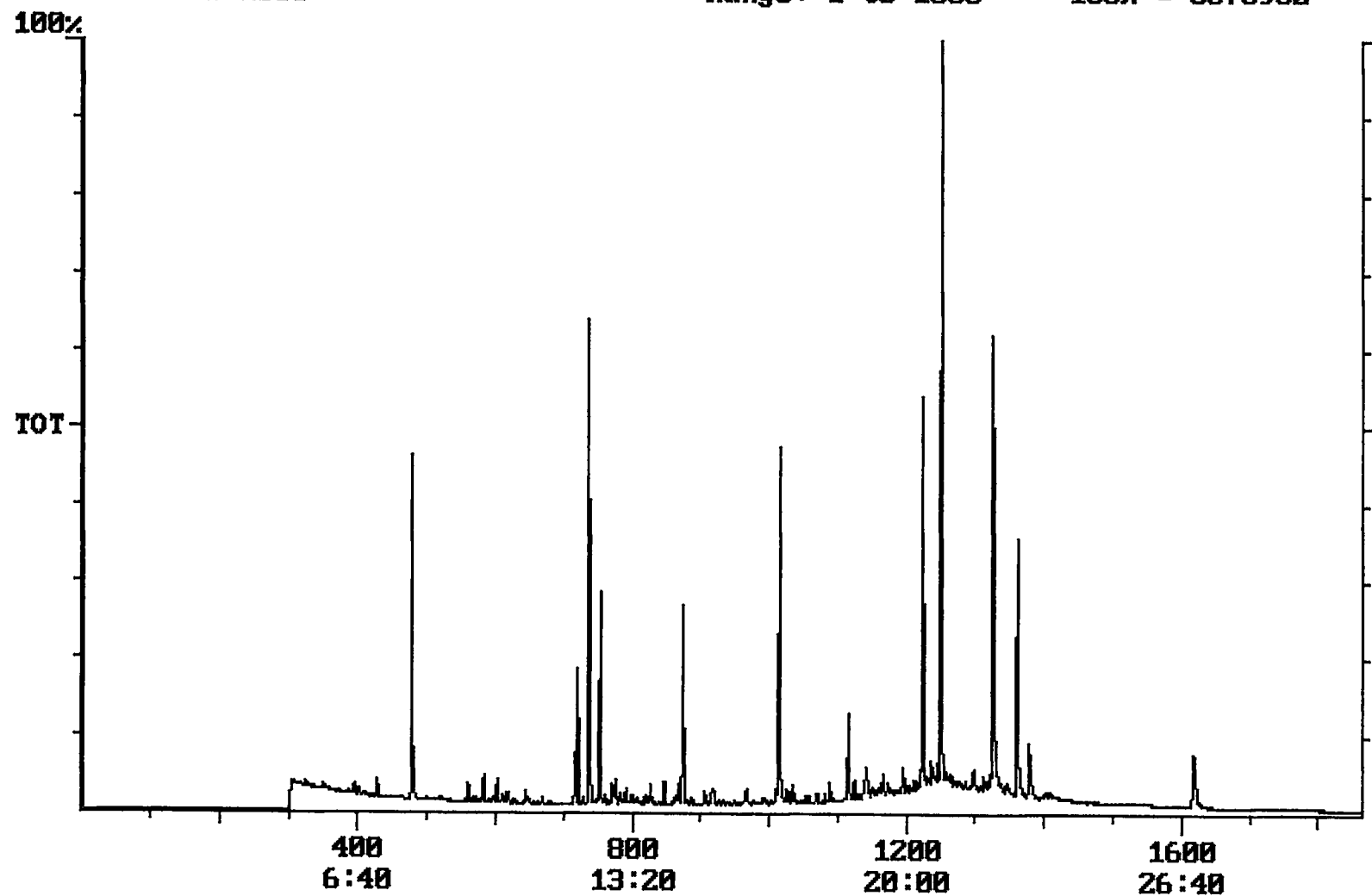
Integration Report Quanfile: 25461C Quan Entries: 12
 Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25461
 Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10 (IS)	12:18	738	Auto	4,692	1,993
2	phenanthrene d-10 (IS)	16:59	1019	Auto	7,264	1,453
3	chrysene d-12 (IS)	22:41	1361	Auto	156,182	36,309
4	p-terphenyl d-14 (IS)	20:50	1250	Auto	3,627,383	2,574,375
5	acenaphthene d-10 (SURR)	12:18	738	Auto	4,692	1,993
6	phenanthrene d-10 (SURR)	16:59	1019	Auto	7,264	1,453
7	chrysene d-12 (SURR)	22:41	1361	Auto	156,182	36,309
8	triphenyl phosphate (S	22:05	1325	Auto	7,986	2,238
9	perylene d-12 (SURR)	26:58	1618	Auto	76,933	8,873
10	bis(2-ethylhexyl)phtha	22:58	1378	Auto	218,536	47,515
11	2,6-dinitrotoluene	11:57	717	Auto	974	974
12	butachlor	20:30	1230	Auto	0	0

Quantitation Report Quanfile: 25461C Quan Entries: 12
 Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25461
 Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	acenaphthene d-10 (IS)	I	738	12:18	BB	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1019	16:59	BB	5.000	UG/L
3	chrysene d-12 (IS)	I	1361	22:41	BB	5.000	UG/L
4	p-terphenyl d-14 (IS)	I	1250	20:50	BB	5.000	UG/L
5	acenaphthene d-10 (SURR)	A	738	12:18	BB	0.009	UG/L
6	phenanthrene d-10 (SURR)	A	1019	16:59	BB	0.009	UG/L
7	chrysene d-12 (SURR)	A	1361	22:41	BB	0.277	UG/L
9	triphenyl phosphate (S	A	1325	22:05	BB	0.357	UG/L
10	perylene d-12 (SURR)	A	1618	26:58	BB	4.081	UG/L
17	bis(2-ethylhexyl)phtha	A	1378	22:58	BV	4.061	UG/L
20	2,6-dinitrotoluene	A	717	11:57	BB	3.420	UG/L
27	butachlor	A	1230	20:30	BB	0.001	UG/L

Chromatogram Plot File: E:\25461Y Date: Nov-14-1991 02:52:26
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25461
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1860 Range: 1 to 1860 100% = 8575902



Integration Report Quanfile: 25461Y Quan Entries: 17
 Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25461
 Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10 (IS)	12:17	737	Auto	1,988,220	1,292,666
2	phenanthrene d-10 (IS)	16:55	1015	Auto	3,253,682	1,295,296
3	chrysene d-12 (IS)	22:40	1360	Auto	2,041,849	871,832
4	p-terphenyl d-14 (IS)	20:50	1250	Auto	3,650,142	2,624,864
5	acenaphthene d-10 (SURR)	12:17	737	Auto	1,988,220	1,292,666
6	phenanthrene d-10 (SURR)	16:55	1015	Auto	3,253,682	1,295,296
7	chrysene d-12 (SURR)	22:40	1360	Auto	2,041,849	871,832
8	1,3-dimethyl-2-nitrobenzene	7:58	478	Auto	1,180,900	597,748
9	triphenyl phosphate (S)	22:05	1325	Auto	1,793,823	772,609
10	perylene d-12 (SURR)	26:57	1617	Auto	791,996	145,189
11	hexachlorocyclopentadiene	10:08	608	Auto	4,271	2,920
12	hexachlorobenzene	15:20	920	Auto	21,878	9,149
13	bis(2-ethylhexyl)adipate	22:02	1322	Auto	48,343	5,437
14	bis(2-ethylhexyl)phthalate	22:58	1378	Auto	598,277	169,744
15	2,6-dinitrotoluene	11:57	717	Auto	125,775	72,169
16	2,4-dinitrotoluene	12:54	774	Auto	3,240	1,839
17	4,4'-dichlorodiphenyl ether	20:46	1246	Auto	15,258	7,226

Reviewed 15/SUR

Quantitation Report

Quanfile: 25461Y

Quan Entries: 17

Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25461

Sorted via: Entry Number ↑

(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	acenaphthene d-10 (IS)	I	737	12:17	BV	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1015	16:55	BV	5.000	UG/L
3	chrysene d-12 (IS)	I	1360	22:40	BB	5.000	UG/L
4	p-terphenyl d-14 (IS)	I	1250	20:50	BB	5.000	UG/L
5	acenaphthene d-10 (SURR)	A	737	12:17	BV	3.584	UG/L
6	phenanthrene d-10 (SURR)	A	1015	16:55	BV	3.825	UG/L
7	chrysene d-12 (SURR)	A	1360	22:40	BB	3.599	UG/L
8	1,3-dimethyl-2-nitrobenzene	A	478	7:58	BV	4.769	UG/L
9	triphenyl phosphate (S)	A	1325	22:05	BB	6.128	UG/L
10	perylene d-12 (SURR)	A	1617	26:57	BB	3.214	UG/L
11	hexachlorocyclopentadiene	A	608	10:08	BB	0.046	UG/L
12	hexachlorobenzene	A	920	15:20	BB	0.081	UG/L
16	bis(2-ethylhexyl)adipate	A	1322	22:02	MM	0.197	UG/L
17	bis(2-ethylhexyl)phthalate	A	1378	22:58	BV	0.759	UG/L
20	2,6-dinitrotoluene	A	717	11:57	BB	0.991	UG/L
21	2,4-dinitrotoluene	A	774	12:54	BB	0.023	UG/L
28	4,4'-dichlorodiphenyl ether	A	1246	20:46	BV	0.055	UG/L

Sample
25461
—

$$C = \frac{(A_x)(Q_{IS})}{(A_{IS})(\bar{R}_F)}$$

6-

phthalate

$$C = \frac{(218536)(5)}{(219803)(1.781)}$$

↑
 $\bar{R}_F$ for phthalate

$$C = 0.279$$

$$\begin{array}{r} 0.279 \\ + 0.759 \\ \hline 1.038 \end{array}$$

Report_n phthalate as 1.0 ug/l
all other targets are < values.

Comments for Sample AD25461 - Analysis \$525

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:50:28

Recoveries for 3 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the LCS Standard were outside of their acceptance ranges.