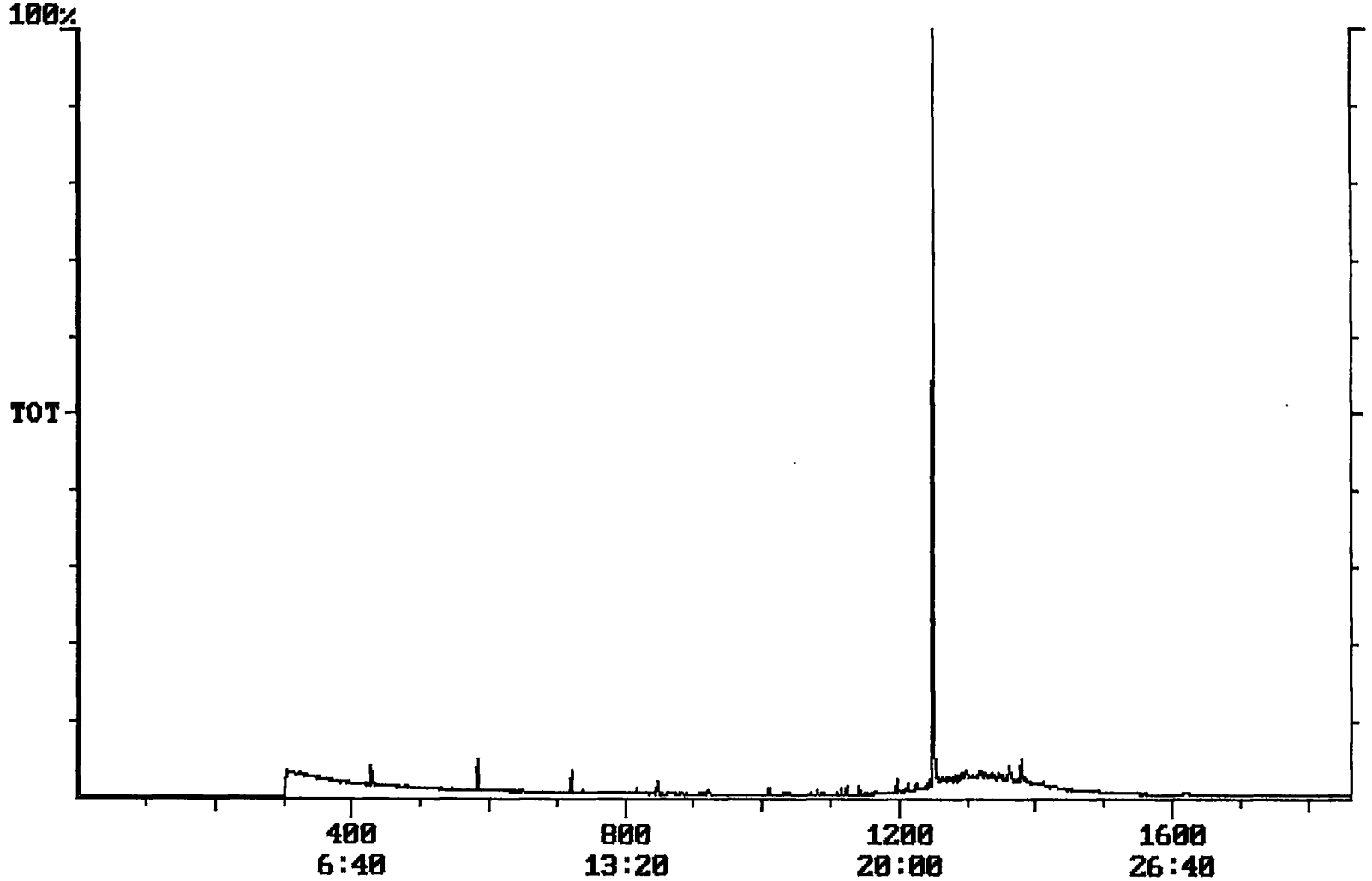
User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 12/07/2001 Time: 10:15:09

Sample: AD25463
Analysis: $525 Organic Chemicals - 525.2
Units: ug
Started: 10/29/01 10:10 Ended: 11/13/01 10:10 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		1.2		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		5.1		1.0
20	Surr_Triphenyl phosphate		6.0		1.0
21	Surr_Perylene-d12		3.3		1.0

Chromatogram Plot File: F:\25463C Date: Nov-14-1991 04:35:39
Comment: BOHLK: METHOD 525; INST 204; 11/13/01; SAMPLE 25463
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1859 Range: 1 to 1859 100% = 10148272

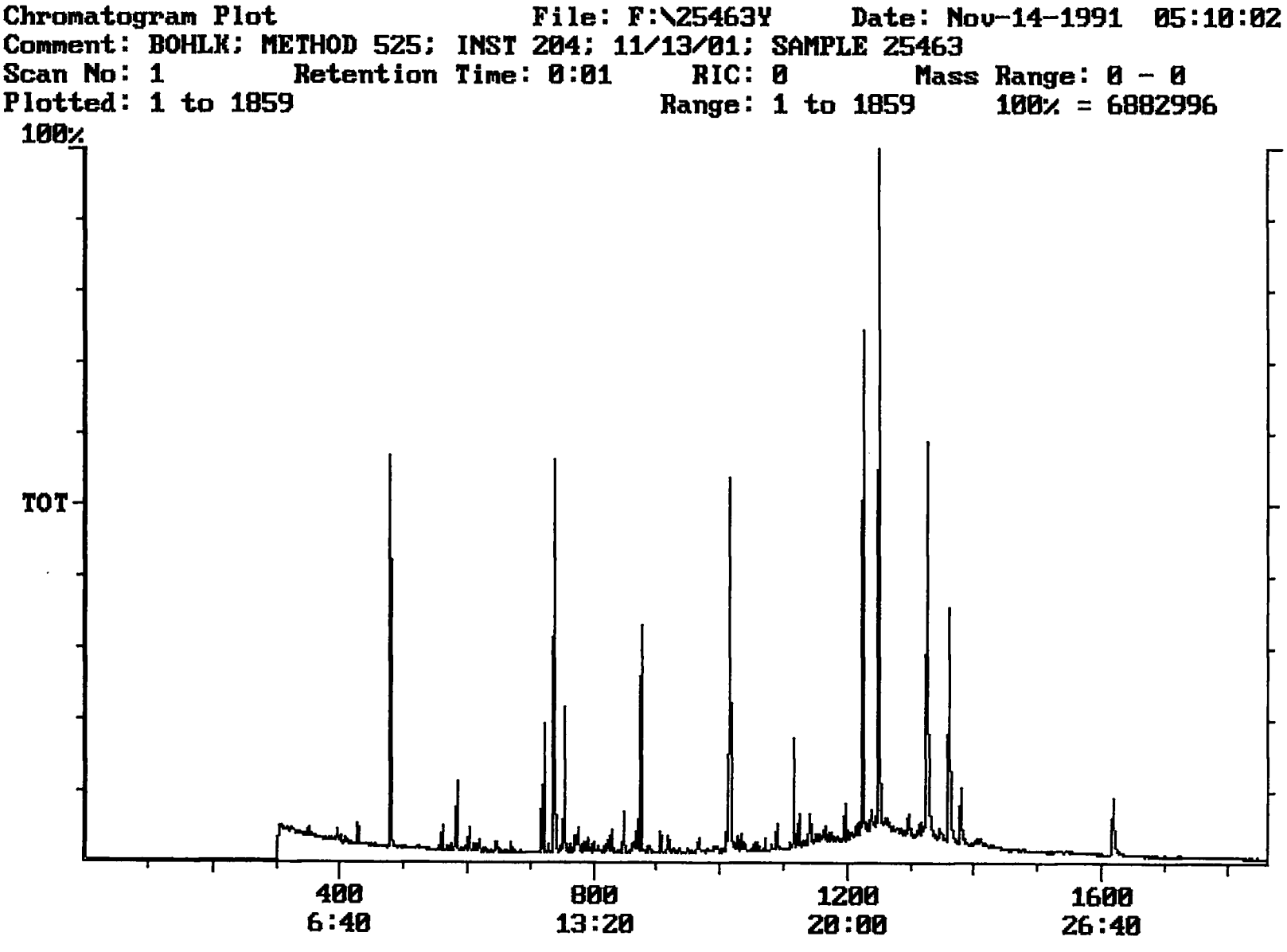


Integration Report Quanfile: 25463C Quan Entries: 14
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25463
Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:18	738	Auto	15,336	6,279
2	phenanthrene d-10 (IS)	16:57	1017	Auto	23,319	4,828
3	chrysene d-12(IS)	22:41	1361	Auto	135,140	36,319
4	p-terphenyl d-14(IS)	20:50	1250	Auto	4,530,951	3,339,839
5	acenaphthene d-10(SURR	12:18	738	Auto	15,336	6,279
6	phenanthrene d-10(SURR	16:57	1017	Auto	23,319	4,828
7	chrysene d-12 (SURR)	22:41	1361	Auto	135,140	36,319
8	1,3-dimethyl-2-nitrobe	7:58	478	Auto	12,805	5,348
9	triphenyl phosphate (S	22:05	1325	Auto	18,208	4,686
10	perylene d-12 (SURR)	26:59	1619	Auto	81,171	10,246
11	bis(2-ethylhexyl)adipa	22:00	1320	Auto	50,709	3,066
12	bis(2-ethylhexyl)phtha	22:58	1378	Auto	297,405	79,410
13	2,6-dinitrotoluene	11:57	717	Auto	1,677	1,677
14	butachlor	20:30	1230	Auto	0	0

Quantitation Report Quanfile: 25463C Quan Entries: 14
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25463
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	1017	16:57	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	0.023	UG/L
6	phenanthrene d-10(SURR	A	1017	16:57	BB	0.023	UG/L
7	chrysene d-12 (SURR)	A	1361	22:41	BB	0.192	UG/L
8	1,3-dimethyl-2-nitrobe	A	478	7:58	BB	6.703	UG/L
9	triphenyl phosphate (S	A	1325	22:05	BB	0.940	UG/L
10	perylene d-12 (SURR)	A	1619	26:59	BB	4.977	UG/L
16	bis(2-ethylhexyl)adipa	A	1320	22:00	MM	3.199	UG/L
17	bis(2-ethylhexyl)phtha	A	1378	22:58	BV	6.790	UG/L
20	2,6-dinitrotoluene	A	717	11:57	BB	1.747	UG/L
27	butachlor	A	1230	20:30	BB	0.001	UG/L



Integration Report Quanfile: 25463Y Quan Entries: 16
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25463
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	1,752,165	869,419
2	phenanthrene d-10 (IS)	16:55	1015	Auto	2,795,191	1,197,595
3	chrysene d-12(IS)	22:41	1361	Auto	1,790,346	649,436
4	p-terphenyl d-14(IS)	20:50	1250	Auto	3,544,346	2,084,505
5	acenaphthene d-10(SURR	12:17	737	Auto	1,752,165	869,419
6	phenanthrene d-10(SURR	16:55	1015	Auto	2,795,191	1,197,595
7	chrysene d-12 (SURR)	22:41	1361	Auto	1,790,346	649,436
8	1,3-dimethyl-2-nitrobe	7:58	478	Auto	1,105,202	597,893
9	triphenyl phosphate (S	22:06	1326	Auto	1,550,581	528,403
10	perylene d-12 (SURR)	26:58	1618	Auto	713,006	131,167
11	hexachlorocyclopentadi	10:09	609	Auto	2,132	1,231
12	bis(2-ethylhexyl)adipa	22:05	1325	Auto	56,868	3,855
13	bis(2-ethylhexyl)phtha	22:58	1378	Auto	516,465	154,890
14	2,6-dinitrotoluene	11:57	717	Auto	110,361	52,745
15	2,4-dinitrotoluene	13:05	785	Auto	3,021	1,079
16	4,4'-dde	20:46	1246	Auto	2,347	1,324

Reviewed IS/SUR

Quantitation Report Quanfile: 25463Y Quan Entries: 16
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25463
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	1361	22:41	BB	5.000	UG/L
4	p-terphenyl d-14(IS)	I	1250	20:50	BV	5.000	UG/L
5	acenaphthene d-10(SURR	A	737	12:17	BV	3.253	UG/L
6	phenanthrene d-10(SURR	A	1015	16:55	BV	3.384	UG/L
7	chrysene d-12 (SURR)	A	1361	22:41	BB	3.250	UG/L
8	1,3-dimethyl-2-nitrobe	A	478	7:58	BV	5.064	UG/L
9	triphenyl phosphate (S	A	1326	22:06	BB	6.041	UG/L
10	perylene d-12 (SURR)	A	1618	26:58	BB	3.300	UG/L
11	hexachlorocyclopentadi	A	609	10:09	BB	0.026	UG/L
16	bis(2-ethylhexyl)adipa	A	1325	22:05	MM	0.264	UG/L
17	bis(2-ethylhexyl)phtha	A	1378	22:58	VB	0.747	UG/L
20	2,6-dinitrotoluene	A	717	11:57	BB	0.987	UG/L
21	2,4-dinitrotoluene	A	785	13:05	BB	0.024	UG/L
28	4,4'-dde	A	1246	20:46	BB	0.010	UG/L

Sample 25463

phthalate

$$C = \frac{(297405)(5)}{(192586)(1.781)} = 0.434$$

$$\begin{array}{r} 0.434 \\ +\ 0.747 \\ \hline 1.181 \end{array}$$

Report phthalate as 1.2 ug/L.

Report all other targets as < values

Comments for Sample AD25463 - Analysis $525

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-07-2001 Time: 11:52:17

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.