

Peak area normalized of provisionally identified compounds / GC-MS Analysis Sediments	CAS #	JDS2 - L	JDS7 - L	JDS7 - R	JDS12 - L+R	JDS16 - L	JDS16 - R	JDS22 - L+R	JDS26 - L	JDS26 - R	JDS35 - L+R	JDS39 - L+R	JDS42 - R	JDS45 - L+R	JDS47 - L+R	JDS51 - L	JDS53 - L	JDS53 - R
1,15-Hexadecadiene	21964-51-2	2,885			0,806	1,313	5,583	2,293	3,729	0,861	1,519	0,902	1,962	11,772	2,488			1,553
1,1'-Biphenyl, bis(1-methylethyl)-	69009-90-1		0,148		0,117	0,110					0,045	0,063	0,063		0,046	0,088	0,034	0,028
1-Hexadecene	629-73-2	1,567			0,443	0,508	1,448	1,670	0,829	0,452	1,400	1,930	1,520	5,483	1,422			0,676
1H-Indene, 2,3-dihydro-1,1,4,5,6-pentamethyl-	16204-67-4																	
1-Pentadecene	13360-61-7	2,165																
1S,cis-Calamenene	483-77-2	0,059			0,165	0,162					0,258			0,706				
2,6-Diisopropylnaphthalene	24157-81-1								0,783	1,630	1,744	2,326	6,534	2,008	2,902	2,892	0,385	3,270
2-Decenal, (Z)-	2497-25-8											0,181						
2-Undecenal	2463-77-6												0,204		0,270			
3-Methyl-2-(3,7,11-trimethyldodecyl) furan	n/a											0,210						
4b,8-Dimethyl-2-isopropylphenanthrene, 4b,5,6,7,8,8a,9,10-octahydro-	n/a		0,117	0,313	0,148	0,094												
7-Isopropyl-4-methylazulene	n/a																	
9-Octadecenoic acid	112-80-1						2,478						0,273					
Azulene, 1,4-dimethyl-7-(1-methylethyl)-	489-84-9																	
Azulene, 7-ethyl-1,4-dimethyl-	529-05-5																	
Benzene, 1,1'-(chloroethenylidene)bis-	4541-89-3									0,087								
Benzene, 1-methyl-4-(1,2,2-trimethylcyclopentyl)-	16982-00-6																	
Bis(2-ethylhexyl) phthalate	117-81-7				0,150						0,275				0,196	0,372	0,031	
Cholesta-3,5-diene	747-90-0																	
Cholestan-3-one, (5.beta.)-	601-53-6																	
Chrysene	218-01-9					0,023					0,022							
Cyclododecane	294-62-2																	
Cycloheptasiloxane, tetradecamethyl-	107-50-6		0,274															
Cyclohexasiloxane, dodecamethyl-	540-97-6		0,662						0,434				0,154			0,043		0,119
Cyclopentadecane	295-48-7								0,425		0,727	0,875	0,497	2,895	0,619			
Cyclopentasiloxane, decamethyl-	541-02-6								6,815		1,009	1,301	0,765	1,064	0,691	1,431	0,992	1,459
Cyclotetradecane	295-17-0	2,541					4,741		0,854		2,033	7,410	3,190	9,101	3,091	0,428		3,286
Cyclotetrasiloxane, octamethyl-	556-67-2																	
Decanal	112-31-2											0,368	0,180		0,305	0,261	0,105	0,442

[illegible]

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Naphthalene, 2-methyl-	91-57-6																	
Octadecanoic acid	57-11-4						0,477				0,113		0,161					
Pentadecanoic acid	1002-84-2						0,986				0,639		0,569	1,941				
Pentadecanoic acid, methyl ester	7132-64-1																	
Pentasiloxane, dodecamethyl-	141-63-9				0,039		0,036	0,018	2,183		0,087			0,061			0,166	
Phenanthrene	85-01-8	0,131			0,069	0,193		0,114			0,246	0,296	0,080	0,159	0,191	0,175	0,136	0,155
Phenanthrene, 1-methyl-	832-69-9																	
Phenanthrene, 1-methyl-7-(1-methylethyl)-	483-65-8																	
Phenanthrene, 1-methyl-7-(1-methylethyl)-	483-65-8		0,048		0,031	0,030												
Phenanthrene, 2,3,5-trimethyl-	3674-73-5																	
Phenanthrene, 2,3-dimethyl-	3674-65-5																	
Phenanthrene, 2,5-dimethyl-	3674-66-6																	
Phenanthrene, 2,7-dimethyl-	1576-69-8																	
Phenanthrene, 2-methyl-	2531-84-2																	
Phenanthrene, 3,6-dimethyl-	1576-67-6																	
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	128-37-0									0,075								
Phthalic anhydride	85-44-9																	
Pyrene	129-00-0	0,051				0,185	0,039	0,023	0,058	0,025	0,090	0,078			0,054	0,041		0,028
Simonellite	n/a												0,047			0,161	0,051	0,042
Squalene	7683-64-9										0,009					0,016	0,017	
Tetradecanal	124-25-4										0,615	3,524	1,768	0,675	0,144	0,607		2,334
Tetradecanoic acid	544-63-8						11,591				0,233		0,364	0,536				
Tetradecanoic acid, methyl ester	124-10-7																	
Tetrasiloxane, decamethyl-	141-62-8								8,497		0,566			0,200		0,263	0,486	0,177
Tridecanal	10486-19-8											1,676	0,710	0,323	0,852	0,361	0,290	1,512
Tridecane	629-50-5												0,151					0,136
Triphenyl phosphate	115-86-6						0,045											
Undecanal	112-44-7											0,809	0,278	0,045	0,415	0,257		0,601
Undecane	1120-21-4															0,799		

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1,15-Hexadecadiene	21964-51-2	0,927	11,934	1,137				0,370					0,370	11,934	17
1,1'-Biphenyl, bis(1-methylethyl)-	69009-90-1		0,041										0,028	0,117	11
1-Hexadecene	629-73-2	0,499	9,544	0,817									0,443	9,544	16
1H-Indene, 2,3-dihydro-1,1,4,5,6-pentamethyl-	16204-67-4			0,053	0,064	0,037			0,042			0,039	0,037	0,064	5
1-Pentadecene	13360-61-7		7,677										7,677	7,677	2
1S,cis-Calamenene	483-77-2				0,071								0,071	0,706	6
2,6-Diisopropyl-naphthalene	24157-81-1	3,193	0,808	0,263	0,124				0,377	0,935	0,474	0,442	0,124	6,534	18
2-Decenal, (Z)-	2497-25-8												0,181	0,181	1
2-Undecenal	2463-77-6												0,204	0,270	2
3-Methyl-2-(3,7,11-trimethyldodecyl) furan	n/a			0,321									0,210	0,321	2
4b,8-Dimethyl-2-isopropylphenanthrene, 4b,5,6,7,8,8a,9,10-octahydro-	n/a												0,094	0,148	4
7-Isopropyl-4-methylazulene	n/a						0,617						0,617	0,617	1
9-Octadecenoic acid	112-80-1					0,985							0,273	2,478	3
Azulene, 1,4-dimethyl-7-(1-methylethyl)-	489-84-9						0,484						0,484	0,484	1
Azulene, 7-ethyl-1,4-dimethyl-	529-05-5						1,027						1,027	1,027	1
Benzene, 1,1'-(chloroethenylidene)bis-	4541-89-3												0,087	0,087	1
Benzene, 1-methyl-4-(1,2,2-trimethylcyclopentyl)-	16982-00-6			0,182	0,177	0,167		0,120					0,120	0,182	4
Bis(2-ethylhexyl) phthalate	117-81-7	0,182		0,242									0,031	0,372	7
Cholesta-3,5-diene	747-90-0					0,217							0,217	0,217	1
Cholestan-3-one, (5.beta.)-	601-53-6						0,040						0,040	0,040	1
Chrysene	218-01-9												0,022	0,023	2
Cyclododecane	294-62-2		1,353	0,499			1,972						0,499	1,972	3
Cycloheptasiloxane, tetradecamethyl-	107-50-6												0,000	0,000	1
Cyclohexasiloxane, dodecamethyl-	540-97-6		0,064			1,887			0,036	0,182		0,162	0,036	1,887	10

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Cyclopentadecane	295-48-7	0,279	4,471	0,423									0,279	4,471	9
Cyclopentasiloxane, decamethyl-	541-02-6	1,039	4,797	1,933	0,796	1,951	0,798	1,088	0,519	6,988	5,158	1,717	0,519	6,988	20
Cyclotetradecane	295-17-0	1,374	17,116	2,819			0,484						0,428	17,116	14
Cyclotetrasiloxane, octamethyl-	556-67-2									1,849	2,355		1,849	2,355	2
Decanal	112-31-2	0,297	0,252	0,145			0,994					0,206	0,105	0,994	11
Decane	124-18-5						1,270	1,223	0,810	0,697	0,975	0,461	0,461	1,270	6
Decanedioic acid, bis(2-ethylhexyl) ester	122-62-3	0,034		0,010	0,033					0,101			0,010	0,101	9
Dihydrocholesterol	80-97-7						0,078						0,078	0,078	1
Diisopropylnaphthalene	38640-62-9	1,980	0,248	0,257	0,223				0,106	0,497	0,178	0,210	0,106	4,150	17
Dodecanal	112-54-9	0,849	0,693	0,550			2,033	0,226	0,301			0,460	0,178	2,033	14
Dodecane	112-40-3	0,095	0,112	0,090			0,535		0,038		0,047	0,058	0,038	0,535	12
Dodecanoic acid	143-07-7												0,109	0,127	2
Dodecanoic acid, methyl ester	111-82-0		0,076										0,076	0,086	2
Fluoranthene	206-44-0				0,125					0,033			0,033	0,330	14
Galaxolide 1 and 2	n/a						1,309						1,309	1,309	1
Heptadecanoic acid	506-12-7												0,080	0,080	1
Hexadecanamide	629-54-9					0,075							0,075	0,075	1
Hexadecanoic acid	57-10-3		0,177				1,077		0,201				0,177	49,066	7
Hexadecanoic acid, butyl ester	111-06-8												0,043	0,043	1
Hexadecanoic acid, methyl ester	112-39-0			0,275									0,275	0,275	1
Hexanedioic acid, bis(2-ethylhexyl) ester	103-23-1												0,019	0,019	1
Hexasiloxane, tetradecamethyl-	107-52-8												0,074	0,074	1
Naphthalene, 1,2(or 2,3)-diethyl-	74710-00-2				0,053								0,053	0,053	1
Naphthalene, 1,2,3,4-tetramethyl-	3031-15-0			0,380	0,512							0,279	0,279	0,512	3
Naphthalene, 1,4,5-trimethyl-	2131-41-1			0,219	0,245								0,219	0,245	2
Naphthalene, 1,4,6-trimethyl-	2131-42-2						0,703						0,703	0,703	1
Naphthalene, 1,6,7-trimethyl-	2245-38-7			0,038			0,505						0,038	0,505	2
Naphthalene, 1,6-dimethyl-4-(1-methylethyl)-	483-78-3			1,347	0,991			0,620				0,732	0,620	1,347	4
Naphthalene, 1-methyl-	90-12-0				0,101						0,014		0,014	0,101	2

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Naphthalene, 1-propyl-	2765-18-6						0,441						0,441	0,441	1
Naphthalene, 2,3,6-trimethyl-	829-26-5				0,092		0,935						0,092	0,935	2
Naphthalene, 2,3-dimethyl-	581-40-8			0,083	0,105	0,133	0,545						0,083	0,545	4
Naphthalene, 2,6-dimethyl-	581-42-0		0,105	0,106			0,768	0,067	0,029		0,045		0,029	0,768	8
Naphthalene, 2,7-dimethyl-	582-16-1			0,183	0,168	0,249	0,501	0,076	0,026		0,064		0,026	0,501	7
Naphthalene, 2-methyl-	91-57-6			0,108	0,075								0,075	0,108	2
Octadecanoic acid	57-11-4					1,040			0,019				0,019	1,040	5
Pentadecanoic acid	1002-84-2		2,530	0,496									0,496	2,530	6
Pentadecanoic acid, methyl ester	7132-64-1			0,132									0,132	0,132	1
Pentasiloxane, dodecamethyl-	141-63-9		0,479		0,165					0,386		0,231	0,018	2,183	11
Phenanthrene	85-01-8	0,115	0,129	0,067			0,684					0,133	0,067	0,684	17
Phenanthrene, 1-methyl-	832-69-9						0,461						0,461	0,461	1
Phenanthrene, 1-methyl-7-(1-methylethyl)-	483-65-8			0,126	0,195	0,056		0,073	0,030	0,058	0,055	0,042	0,030	0,195	8
Phenanthrene, 1-methyl-7-(1-methylethyl)-	483-65-8												0,030	0,031	3
Phenanthrene, 2,3,5-trimethyl-	3674-73-5						0,758						0,758	0,758	1
Phenanthrene, 2,3-dimethyl-	3674-65-5						0,288						0,288	0,288	1
Phenanthrene, 2,5-dimethyl-	3674-66-6						0,469						0,469	0,469	1
Phenanthrene, 2,7-dimethyl-	1576-69-8						0,832						0,832	0,832	1
Phenanthrene, 2-methyl-	2531-84-2						3,713						3,713	3,713	1
Phenanthrene, 3,6-dimethyl-	1576-67-6				0,095		0,420						0,095	0,420	2
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	128-37-0						1,171						0,075	1,171	2
Phthalic anhydride	85-44-9					0,129							0,129	0,129	1
Pyrene	129-00-0												0,023	0,185	11
Simonellite	n/a			0,057	0,082								0,042	0,161	6
Squalene	7683-64-9			0,014									0,009	0,017	4
Tetradecanal	124-25-4	1,678	1,708	1,524			6,184					0,962	0,144	6,184	12
Tetradecanoic acid	544-63-8		0,647										0,233	11,591	5
Tetradecanoic acid, methyl ester	124-10-7			0,161									0,161	0,161	1
Tetrasiloxane, decamethyl-	141-62-8	0,412	5,929	2,203	1,861			0,712	0,230	6,398	1,430	1,175	0,177	8,497	15

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Tridecanal	10486-19-8	1,265	0,892	0,702			3,110	0,323	0,308			0,478	0,290	3,110	14
Tridecane	629-50-5	0,074					0,352						0,074	0,352	4
Triphenyl phosphate	115-86-6												0,045	0,045	1
Undecanal	112-44-7	0,530	0,280	0,044			1,089		0,129			0,276	0,044	1,089	12
Undecane	1120-21-4									2,450	2,717	0,777	0,777	2,717	4

	Number of provisionally identified compounds
JDS2 - L	8
JDS7 - L	6
JDS7 - R	2
JDS12 - L+R	10
JDS16 - L	10
JDS16 - R	14
JDS22 - L+R	6
JDS26 - L	15
JDS26 - R	9
JDS35 - L+R	23
JDS39 - L+R	18
JDS42 - R	24
JDS45 - L+R	18
JDS47 - L+R	22

	Number of provisionally identified compounds
JDS51 - L	21
JDS53 - L	13
JDS53 - R	21
JDS56 - L	18
JDS58 - L+R	25
JDS76 - L	36
JDS80 - L	22
JDS83 - L+R	12
JDS85 - L+R	34
JDS86 - L	11
JDS89 - L+R	16
JDS92 - L	12
JDS92 - R	12
JDS95 - L	19