

Solvent similarity index.

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Supplementary Information

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S1 SSIP domain normalisation factors

Domain	η_j/kJmol^{-1}
$-10.0 \leq \epsilon_i < -5.0$	29.574
$-5.0 \leq \epsilon_i < -2.0$	9.880
$-2.0 \leq \epsilon_i < 0.0$	2.111
$0.0 \leq \epsilon_i < 1.0$	2.069
$1.0 \leq \epsilon_i < 3.0$	11.245
$3.0 \leq \epsilon_i < 5.0$	30.556

Table S1: Normalisation factors for SSIP domains.

S2 Pure solvent information

Solvent	ID	InChIKey
tetramethylsilane	1	CZDYPVPMEAXLPK-UHFFFAOYSA-N
n-pentane	2	OFBQJSOFQDEBGM-UHFFFAOYSA-N
2-methylbutane	3	QWTDNUCVQCZILF-UHFFFAOYSA-N
n-hexane	4	VLKZOEYOYAKHREP-UHFFFAOYSA-N
cyclohexane	5	XDTMQSROBMDMFD-UHFFFAOYSA-N
n-heptane	6	IMNFDUFMRHMDMM-UHFFFAOYSA-N
n-octane	7	TVMXDCGIABBOFY-UHFFFAOYSA-N
2,2,4-trimethylpentane	8	NHTMVDHEPJAVLT-UHFFFAOYSA-N
n-decane	9	DIOQQZVSQGTUSAI-UHFFFAOYSA-N
n-dodecane	10	SNRUBQQJIBEYMU-UHFFFAOYSA-N
n-hexadecane	11	DCAYPVUWAIABOU-UHFFFAOYSA-N
benzene	12	UHOVQNZJYSORNB-UHFFFAOYSA-N
toluene	13	YXFVVABEGXRONW-UHFFFAOYSA-N
ortho-xylene	14	CTQNGGLPUBDAKN-UHFFFAOYSA-N
meta-xylene	15	IVSZLXZYQVIEFR-UHFFFAOYSA-N
para-xylene	16	URLKBWYHVLBVBO-UHFFFAOYSA-N
ethylbenzene	17	YNQLUTRBYVCPMQ-UHFFFAOYSA-N
isopropylbenzene	18	RWGFKTVRMDUZSP-UHFFFAOYSA-N
1,3,5-trimethylbenzene	19	AUHZEENZYGFFBQ-UHFFFAOYSA-N
styrene	20	PPBRXRYQALVLMV-UHFFFAOYSA-N
1,2,3,4-tetrahydronaphthalene	21	CXWXQJXEFPUDZ-UHFFFAOYSA-N
cis-decalin	22	NNBZCPXTIHJB JL-AOOOYVTPSA-N

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Solvent	ID	InChIKey
water	23	XLYOFNOQVPJJNP-UHFFFAOYSA-N
methanol	24	OKKJLVBELUTLKV-UHFFFAOYSA-N
ethanol	25	LFQSCWFLJHTTHZ-UHFFFAOYSA-N
1-propanol	26	BDERNNFJNOPAEC-UHFFFAOYSA-N
2-propanol	27	KFZMGEQAYNKOFK-UHFFFAOYSA-N
1-butanol	28	LRHPLDYGVMQRHN-UHFFFAOYSA-N
2-methyl-1-propanol	29	ZXEKIIBDNHEJCQ-UHFFFAOYSA-N
2-butanol	30	BTANRVKQWQNVYAZ-BYPYUZCNSA-N
2-methyl-2-propanol	31	DKGAVHZHDRPRBM-UHFFFAOYSA-N
1-pentanol	32	AMQJEAYHLZJPGS-UHFFFAOYSA-N
3-methyl-1-butanol	33	PHTQWCKDNZKARW-UHFFFAOYSA-N
2-methyl-2-butanol	34	MSXVEPNJUHWWHW-UHFFFAOYSA-N
1-hexanol	35	ZSIAUFGUXNUGDI-UHFFFAOYSA-N
cyclohexanol	36	HPXRVTGHNJAIH-UHFFFAOYSA-N
1-octanol	37	KBPLFHGGFOOTCA-UHFFFAOYSA-N
1-decanol	38	MWKFXSUHUHTGQN-UHFFFAOYSA-N
1-dodecanol	39	LQZZUXJYWNFBMV-UHFFFAOYSA-N
benzyl alcohol	40	WVDDGKGGOMKODPV-UHFFFAOYSA-N
2-phenylethanol	41	WRMNZCZEMHIOC-UHFFFAOYSA-N
allyl alcohol	42	XXROGKLTUQVRX-UHFFFAOYSA-N
2-chloroethanol	43	SZIFAVKTNFCBPC-UHFFFAOYSA-N
2-cyanoethanol	44	WSGYTJNNHPZFKR-UHFFFAOYSA-N
2,2,2-trifluoroethanol	45	RHQDFWAXVIIEBN-UHFFFAOYSA-N
1,1,1,3,3,3-hexafluoro-2-propanol	46	BYEAHWXPCBROCE-UHFFFAOYSA-N
2-methoxyethanol	47	XNWFRZJHXBZDAG-UHFFFAOYSA-N
2-ethoxyethanol	48	ZNQVEEAIQZEUHB-UHFFFAOYSA-N
ethylene glycol	49	LYCAIKOWRPUZTN-UHFFFAOYSA-N
1,2-propanediol	50	DNIAPMSPWPWGF-GSVOUGTGSA-N
1,3-propanediol	51	YFPDHNVEDLHUCE-UHFFFAOYSA-N
1,2-butanediol	52	BMRWNKZVCUKKSR-SCSAIBSYSA-N
(2R,3S)-2,3-butanediol	53	OWBTYPJTUOEWEK-ZXZARUISSA-N
1,4-butanediol	54	WERYXYBDKMZEQL-UHFFFAOYSA-N
1,5-pentanediol	55	ALQSHHUCVQOPAS-UHFFFAOYSA-N
diethylene glycol	56	MTHSVFCYNBDYFN-UHFFFAOYSA-N
triethylene glycol	57	ZIBGPFATKBEMQZ-UHFFFAOYSA-N
glycerol	58	PEDCQBHIVMGVHV-UHFFFAOYSA-N
phenol	59	ISWSIDIOOJBQZ-UHFFFAOYSA-N
ortho-cresol	60	QWVGKYWNOKOFNN-UHFFFAOYSA-N
meta-cresol	61	RLSSMJSEOOYNOY-UHFFFAOYSA-N
para-cresol	62	IWDCLRJOBBERNH-UHFFFAOYSA-N
2-methoxyphenol	63	LHGVTZTFXWLCU-UHFFFAOYSA-N
2,4-dimethylphenol	64	KUFFULVDNCHOFZ-UHFFFAOYSA-N
3-chlorophenol	65	HORNXRQVQWOLPJ-UHFFFAOYSA-N
diethyl ether	66	RTZKZFJDLAIYFH-UHFFFAOYSA-N
di-n-propyl ether	67	POLCUAVZOMRGSN-UHFFFAOYSA-N
diisopropyl ether	68	ZAFNMIOTHYJRJ-UHFFFAOYSA-N
dibutyl ether	69	DURPTKYDGMDSBL-UHFFFAOYSA-N
bis(2-chloroethyl) ether	70	ZNSMNVMLTJELDZ-UHFFFAOYSA-N
1,2-dimethoxyethane	71	XTHFKEDIFGKHM-UHFFFAOYSA-N
diethylene glycol dimethyl ether	72	SBZXBUIDTXKZTM-UHFFFAOYSA-N
furan	73	YLQBMQCUJZJEEH-UHFFFAOYSA-N
tetrahydrofuran	74	WYURNTSHIVDZCO-UHFFFAOYSA-N
2-methyltetrahydrofuran	75	JWUJQDFVADABEY-RXMQYKEDSA-N
tetrahydropyran	76	DHXVVGJBLRPWPCS-UHFFFAOYSA-N
1,3-dioxane	77	VDFVNEFVBPFDSE-UHFFFAOYSA-N
1,3-dioxolan	78	WNXJIVFYUUVYPPR-UHFFFAOYSA-N
1,8-cineole	79	WEEGYLXZBRQIMU-WAAGHKOSSA-N
anisole	80	RDOXTESZEPMUJZ-UHFFFAOYSA-N
ethyl phenyl ether	81	DLRJIUOBPOJNS-UHFFFAOYSA-N
diphenyl ether	82	USIUUVYZYUHIAEV-UHFFFAOYSA-N
dibenzyl ether	83	MHDVGSVTJDSBDK-UHFFFAOYSA-N
1,2-dimethoxybenzene	84	ABDKAPXRBAPSQN-UHFFFAOYSA-N
methyl orthoformate	85	PYOKUURKVVLELLB-UHFFFAOYSA-N

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Solvent	ID	InChIKey
methyl orthoacetate	86	HDPNBNXLBDFELL-UHFFFAOYSA-N
propionaldehyde	87	NBBJYMSMWIIQGU-UHFFFAOYSA-N
butyraldehyde	88	ZTQSAGDEMFDKMZ-UHFFFAOYSA-N
benzaldehyde	89	HUMNYLRZRPPJDN-UHFFFAOYSA-N
p-methoxybenzaldehyde	90	ZRSNZINYAWTAHE-UHFFFAOYSA-N
cinnamaldehyde	91	KJPRLNWUNMBNBZ-QPJXVBHSA-N
acetone	92	CSCPPACGZOOCGX-UHFFFAOYSA-N
2-butanone	93	ZWEHNKRNPPOVVGH-UHFFFAOYSA-N
2-pentanone	94	XNLICIUVMPYHGG-UHFFFAOYSA-N
3-methyl-2-butanone	95	SYBYTAAJFKOIEJ-UHFFFAOYSA-N
3-pentanone	96	FDPIMTJIUBPUKL-UHFFFAOYSA-N
cyclopentanone	97	BGTOWKSIORTVQH-UHFFFAOYSA-N
4-methyl-2-pentanone	98	NTIZESTWPVYFNL-UHFFFAOYSA-N
3,3-dimethyl-2-butanone	99	PJGSXYOJTGZAV-UHFFFAOYSA-N
perfluorooctane	100	YVBBRRALBYAZBM-UHFFFAOYSA-N
cyclohexanone	101	JHIVVAPYMSGYDF-UHFFFAOYSA-N
2-heptanone	102	CATSNJVOTSVZJV-UHFFFAOYSA-N
3-heptanone	103	NGAZZOYFWWSOGK-UHFFFAOYSA-N
2,2,4,4-tetramethyl-3-pentanone	104	UIQGEWJEWJMQSL-UHFFFAOYSA-N
acetophenone	105	KWOLFJPFCHCOCG-UHFFFAOYSA-N
ethyl phenyl ketone	106	KRIOVPPHQLHCZ-UHFFFAOYSA-N
benzyl methyl ketone	107	QCCDLTOVEPVEJK-UHFFFAOYSA-N
2,4,5-trimethylacetophenone	108	GENBEGZNCBFHSU-UHFFFAOYSA-N
p-chloroacetophenone	109	BUZYGTVTZYSBCU-UHFFFAOYSA-N
diphenyl ketone	110	RWCCWEUUXYIKHB-UHFFFAOYSA-N
2,4-pentanedione	111	YRKCREAYFQTBPV-UHFFFAOYSA-N
2,3-butanedione	112	QSJXEFYPDANLFS-UHFFFAOYSA-N
formic acid	113	BDAGIHXWWSANSR-UHFFFAOYSA-N
acetic acid	114	QTBSBXVTEAMEQO-UHFFFAOYSA-N
propanoic acid	115	XBDQKXXYIPTUBI-UHFFFAOYSA-N
butanoic acid	116	FERIUCNNQQJTOY-UHFFFAOYSA-N
pentanoic acid	117	NQPDZGIKBAWPEJ-UHFFFAOYSA-N
hexanoic acid	118	FUZZWVXGSPDMH-UHFFFAOYSA-N
heptanoic acid	119	MNWFXYAAYHMED-UHFFFAOYSA-N
dichloroacetic acid	120	JXTHNDFMNIQAHM-UHFFFAOYSA-N
trifluoroacetic acid	121	DTQVDTLACAAQTR-UHFFFAOYSA-N
acetic anhydride	122	WFDIJRYMOXRFFG-UHFFFAOYSA-N
benzoyl chloride	123	PASDCCFISLVPSO-UHFFFAOYSA-N
benzoyl bromide	124	AQIHMSVIAGNIDM-UHFFFAOYSA-N
methyl formate	125	TZIHFWKZFHZASV-UHFFFAOYSA-N
ethyl formate	126	WBJINCZRORDGAQ-UHFFFAOYSA-N
methyl acetate	127	KXKVLQRXCPHEJC-UHFFFAOYSA-N
ethyl acetate	128	XEKOWRVHYACXOJ-UHFFFAOYSA-N
n-propyl acetate	129	YKYONYBAUNKHLG-UHFFFAOYSA-N
butyl acetate	130	DKPFZGUDAPQIHT-UHFFFAOYSA-N
isopentyl acetate	131	MLFHJEHSLIIPHL-UHFFFAOYSA-N
methyl propionate	132	RJUFJBKOKNCXHH-UHFFFAOYSA-N
ethyl propionate	133	FKRCODPIKNYEAC-UHFFFAOYSA-N
dimethyl carbonate	134	IEJIGPNLZYLLBP-UHFFFAOYSA-N
diethyl carbonate	135	OIFBSDVPJOWBCH-UHFFFAOYSA-N
ethylene carbonate	136	KMTRUDSVKNLOMY-UHFFFAOYSA-N
4-methyl-1,3-dioxolan-2-one	137	RUOJZAUFBMNUDX-GSVOUGTGSA-N
diethyl malonate	138	IYXGSMUGOJNHAZ-UHFFFAOYSA-N
methyl benzoate	139	QPJVMBTYPHYUOC-UHFFFAOYSA-N
ethyl benzoate	140	MTZQAGJQAFMTAQ-UHFFFAOYSA-N
dimethylphthalate	141	NIQCNGHVCWTJSM-UHFFFAOYSA-N
di-n-butylorthophthalate	142	DOIRQSBPFJWKBE-UHFFFAOYSA-N
ethyl chloroacetate	143	VEUUMBGHMNQHGO-UHFFFAOYSA-N
ethyl trichloroacetate	144	SJMLNDPIJZBEKY-UHFFFAOYSA-N
ethyl acetoacetate	145	XYIBRDXRRQCHLP-UHFFFAOYSA-N
gamma-butyrolactone	146	YEJRWHAVMIAJKC-UHFFFAOYSA-N
n-perfluorohexane	147	ZJIJAJXFLBMLCK-UHFFFAOYSA-N
perfluoromethylcyclohexane	148	QIROQPWSJUXOJC-UHFFFAOYSA-N

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Solvent	ID	InChIKey
perfluoroheptane	149	LGUZHRODIJCVOC-UHFFFAOYSA-N
cis-perfluorodecalin	150	UWEYRJJFJVCLAGH-XIXRPRMCSA-N
fluorobenzene	151	PYLWMHQQBFSUBP-UHFFFAOYSA-N
hexafluorobenzene	152	ZQBFAOFFOQMSGJ-UHFFFAOYSA-N
1,4-dichlorobutane	153	KJDRSWPQXHESDQ-UHFFFAOYSA-N
chlorobenzene	154	MVPPADPHJFYWMZ-UHFFFAOYSA-N
dichloromethane	155	YMWUJEATGCHHMB-UHFFFAOYSA-N
1,1-dichloroethane	156	SCYULBFZEHDVBN-UHFFFAOYSA-N
1,2-dichloroethane	157	WSLDOOZREJYCGB-UHFFFAOYSA-N
trans-1,2-dichloroethylene	158	KFUSEUYWQURPO-OWOJBTEDSA-N
ortho-dichlorobenzene	159	RFFLAFLAYFXFSW-UHFFFAOYSA-N
meta-dichlorobenzene	160	ZPQQPVIELGIULI-UHFFFAOYSA-N
chloroform	161	HEDRZPFGACZZDS-UHFFFAOYSA-N
1,1,1-trichloroethane	162	UOCLXMDMGBRAIB-UHFFFAOYSA-N
1,1,2-trichloroethane	163	UBOXGVDOUJQMTN-UHFFFAOYSA-N
trichloroethylene	164	XSTXAVWGXDKEL-UHFFFAOYSA-N
1,2,4-trichlorobenzene	165	PBKONEOXTCPAFI-UHFFFAOYSA-N
carbon tetrachloride	166	VZGDMQKNWNREIO-UHFFFAOYSA-N
tetrachloroethylene	167	CYTYCFOTNPOANT-UHFFFAOYSA-N
1,1,2,2-tetrachloroethane	168	QPFMBZIOSGYJDE-UHFFFAOYSA-N
pentachloroethane	169	BNIXVQGCZULYKV-UHFFFAOYSA-N
1-bromobutane	170	MPPPKRYCTPRNTB-UHFFFAOYSA-N
bromobenzene	171	QARVLSVVCXYDNA-UHFFFAOYSA-N
dibromomethane	172	FJBFPHVGVWTDIP-UHFFFAOYSA-N
1,2-dibromoethane	173	PAAZPARNPHGIKF-UHFFFAOYSA-N
bromoform	174	DIKBFYAXUHHXCS-UHFFFAOYSA-N
n-butyl iodide	175	KMGBZBJJOKUPIA-UHFFFAOYSA-N
iodobenzene	176	SNHMUERNLJLMHN-UHFFFAOYSA-N
methylene iodide	177	NZZFYRREKKOMAT-UHFFFAOYSA-N
n-butylamine	178	HQABUPZFAYXKJW-UHFFFAOYSA-N
benzylamine	179	WGQKYBSKWIADBV-UHFFFAOYSA-N
ethylenediamine	180	PIICEJLVQHRZGT-UHFFFAOYSA-N
diethylamine	181	HPNMFZURQLUMO-UHFFFAOYSA-N
di-n-butylamine	182	JQVDAXLFBXTEQA-UHFFFAOYSA-N
pyrrole	183	KAESVJOAVNADME-UHFFFAOYSA-N
pyrrolidine	184	RWRDLPLDKQPQOW-UHFFFAOYSA-N
piperidine	185	NQRYJNQNLNOLGT-UHFFFAOYSA-N
morpholine	186	YNAVUWVOSKDBBP-UHFFFAOYSA-N
triethylamine	187	ZMANZCXQSJIPKH-UHFFFAOYSA-N
tri-(n-butyl)amine	188	IMFACGCPASFAPR-UHFFFAOYSA-N
aniline	189	PAYRUJLWNCNPSJ-UHFFFAOYSA-N
o-chloroaniline	190	AKCRQHGQJBRMN-UHFFFAOYSA-N
methylphenylamine	191	AFBPFWSMIHQDM-UHFFFAOYSA-N
N,N-dimethylaniline	192	JLTDJTHDQAWBAV-UHFFFAOYSA-N
aminoethanol	193	HZAXFHJVJLSVMW-UHFFFAOYSA-N
diethanolamine	194	ZBCBWPMODOFKDW-UHFFFAOYSA-N
triethanolamine	195	GSEJCLTVZPLZKY-UHFFFAOYSA-N
pyridine	196	JUJWROIIHBZHMJ-UHFFFAOYSA-N
2-methylpyridine	197	BSKHPKMHTQYZBB-UHFFFAOYSA-N
3-methylpyridine	198	ITQTTZVARXURQS-UHFFFAOYSA-N
4-methylpyridine	199	FKNQCJSGGFJEIZ-UHFFFAOYSA-N
2,4-dimethylpyridine	200	JYYNAJVZFGKDEQ-UHFFFAOYSA-N
2,6-dimethylpyridine	201	OISVCGZHLKNMSJ-UHFFFAOYSA-N
2,4,6-trimethylpyridine	202	BWZVCCNYKMEVEX-UHFFFAOYSA-N
2-bromopyridine	203	IMRWILPUOYGIMU-UHFFFAOYSA-N
3-bromopyridine	204	NYPYPOZNGOXSU-UHFFFAOYSA-N
2-cyanopyridine	205	FFNVQNRYPFDDP-UHFFFAOYSA-N
pyrimidine	206	CZPWVGJYEJSLRH-UHFFFAOYSA-N
quinoline	207	SMWDFEZZVXVCRB-UHFFFAOYSA-N
acetonitrile	208	WEVYAHXRMPXWCK-UHFFFAOYSA-N
propionitrile	209	FVSKHRXBFJPNKK-UHFFFAOYSA-N
n-butyronitrile	210	KVNRLNFWIYMESJ-UHFFFAOYSA-N
3-methylbutanenitrile	211	QHDKRFYEGYYIHK-UHFFFAOYSA-N

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Solvent	ID	InChIKey
acrylonitrile	212	NLHHRLWOUZZQLW-UHFFFAOYSA-N
phenylacetone	213	SUSQOBVLVYHIEX-UHFFFAOYSA-N
benzotrile	214	JFDZBHWFFUWGJE-UHFFFAOYSA-N
nitromethane	215	LYGJENNIWJXYER-UHFFFAOYSA-N
nitroethane	216	MCSAJNNLRCFZED-UHFFFAOYSA-N
1-nitropropane	217	JSZOAYXJRCEYSX-UHFFFAOYSA-N
2-nitropropane	218	FGLBSLMDCBOPQK-UHFFFAOYSA-N
nitrobenzene	219	LQNUZADURLCDLV-UHFFFAOYSA-N
formamide	220	ZHNUHDYFZUAESO-UHFFFAOYSA-N
N-methylformamide	221	ATHHXGZTWNVVOU-UHFFFAOYSA-N
N,N-dimethylformamide	222	ZMXDDKWLCZADIW-UHFFFAOYSA-N
N,N-dimethylthioformamide	223	SKECXRFZFFAANN-UHFFFAOYSA-N
N,N-diethylformamide	224	SUAKHGWARZSWIH-UHFFFAOYSA-N
N-methylacetamide	225	OHLUHNLEMFGTQ-UHFFFAOYSA-N
N,N-dimethylacetamide	226	FXHOOIRPVKKKFG-UHFFFAOYSA-N
N,N-diethylacetamide	227	AJFDBNQDYLMJN-UHFFFAOYSA-N
2-pyrrolidinone	228	HNJBEVLQSNELDL-UHFFFAOYSA-N
N-methyl pyrrolidinone	229	SEXXISVLQFMRJM-UHFFFAOYSA-N
1-methyl-2-pyrrolidinethione	230	OQILOJRSIWGQSM-UHFFFAOYSA-N
tetramethylurea	231	AVQQQNCBBIEMEU-UHFFFAOYSA-N
tetraethylurea	232	UWHSPZUAYSGTB-UHFFFAOYSA-N
dimethylcyanamide	233	OAGOUJGJXNLLJNL-UHFFFAOYSA-N
carbon disulfide	234	QGGJOPFRUJISHPQ-UHFFFAOYSA-N
dimethyl sulfide	235	QMMFVYPAHWMCMS-UHFFFAOYSA-N
diethyl sulfide	236	LJSQFQKUNVCTIA-UHFFFAOYSA-N
diisopropyl sulfide	237	XYWDPYKBIRXQS-UHFFFAOYSA-N
dibutyl sulfide	238	HTIRHQRDDBPHNZ-UHFFFAOYSA-N
tetrahydrothiophene	239	RAOIDOHSFRTOEL-UHFFFAOYSA-N
thiane	240	YPWFISCTZQNZAU-UHFFFAOYSA-N
dimethylsulfoxide	241	IAZDPXIOMUYVGZ-UHFFFAOYSA-N
dibutyl sulfoxide	242	LOWMYOWHQMKBTM-UHFFFAOYSA-N
sulfolane	243	HXJUTPCZVOIRIF-UHFFFAOYSA-N
thiobis(2-ethanol)	244	YODZTKMDCQEPHD-UHFFFAOYSA-N
diethyl sulfite	245	NVJBFARDFTXOTO-UHFFFAOYSA-N
dimethyl sulfate	246	VAYGXNSJCAHWJZ-UHFFFAOYSA-N
diethyl sulfate	247	DENRZWYUOJLTMF-UHFFFAOYSA-N
methanesulfonic acid	248	AFVFAQIVMOAPDHO-UHFFFAOYSA-N
trimethylphosphate	249	WVLBCYQITXONBZ-UHFFFAOYSA-N
triethylphosphate	250	DQWPFSLDHJDLRL-UHFFFAOYSA-N
tri-n-butylphosphate	251	STCOOQWBFONSKY-UHFFFAOYSA-N
hexamethylphosphoric triamide	252	GNOIPBMMFNIUFM-UHFFFAOYSA-N
hydrogen peroxide	253	MHAJPDJPQMAIY-UHFFFAOYSA-N
hydrogen fluoride	254	KRHYYFGTRYWZRS-UHFFFAOYSA-N
sulfuric acid	255	QAOWNCQODCNURD-UHFFFAOYSA-N
ammonia	256	QGZKDVFNNGYKY-UHFFFAOYSA-N
hydrazine	257	OAKJQQAXSVQMHS-UHFFFAOYSA-N
sulfur dioxide	258	RAHZWNYVWXNFOC-UHFFFAOYSA-N
thionyl chloride	259	FYSNRJHAOHDILO-UHFFFAOYSA-N
phosphorus oxychloride	260	XHXFXVLFKHQFAL-UHFFFAOYSA-N
dihydrolevoglucosenone	261	WHIRALQRTSITMI-UJURSFKZSA-N

Table S2: Solvent information.

S3 Similarity regional dendrograms

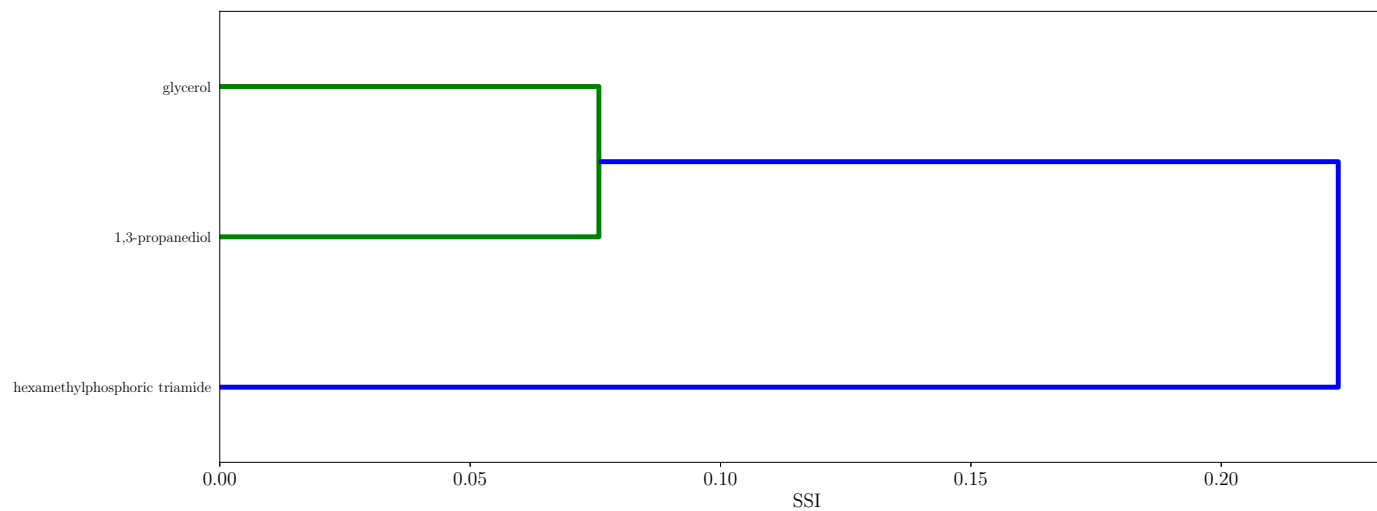


Figure S1: Dendrogram for solvents to the left of node 1 in Figure 2.

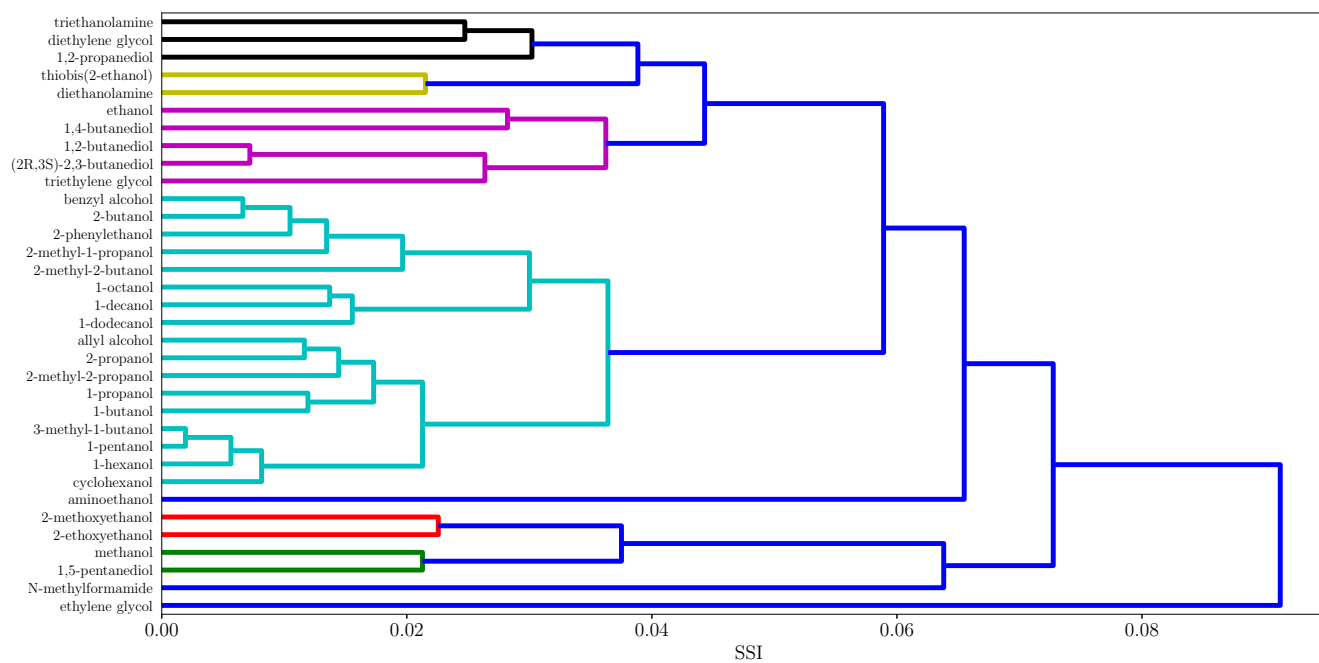


Figure S2: Dendrogram for solvents to the left of node 2 in Figure 2.

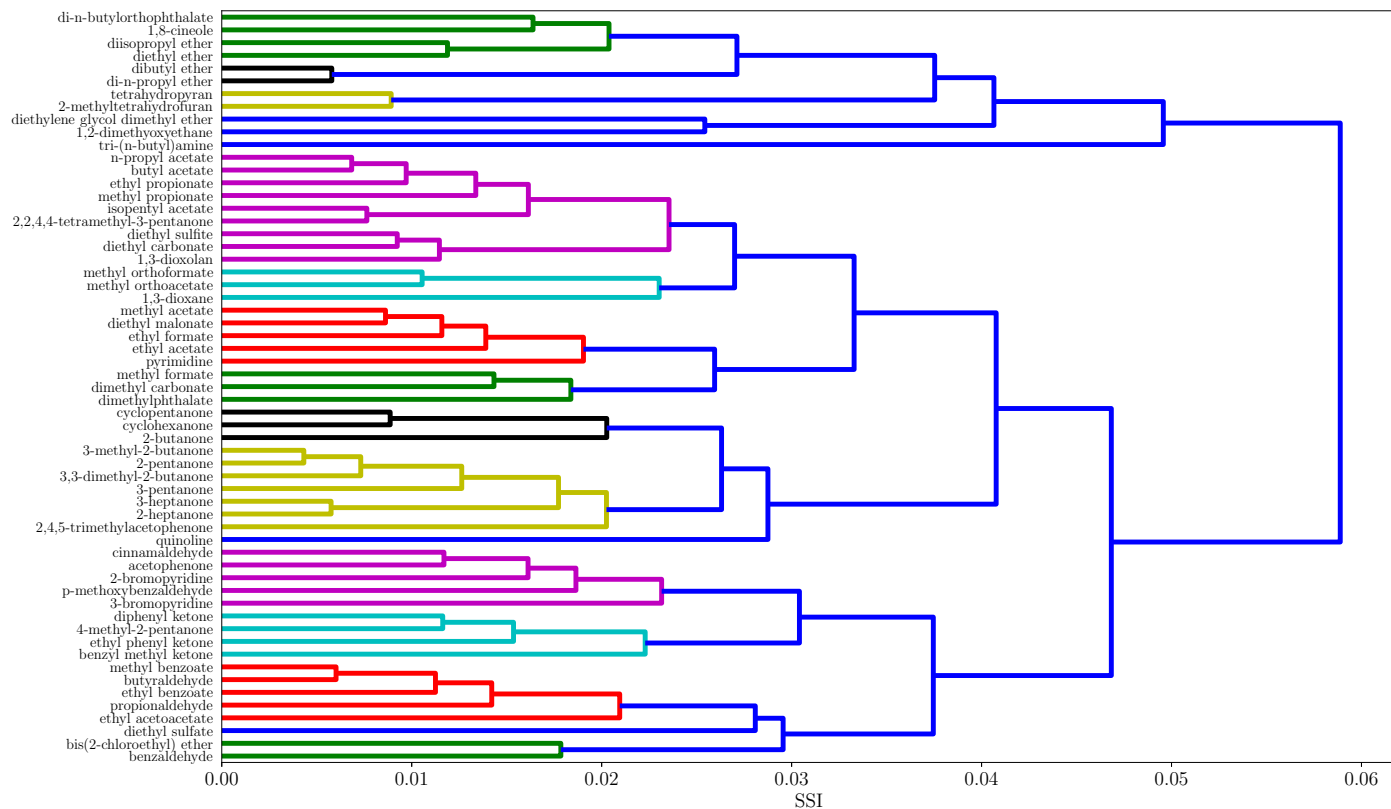


Figure S3: Dendrogram for solvents to the left of node 3 in Figure 2.

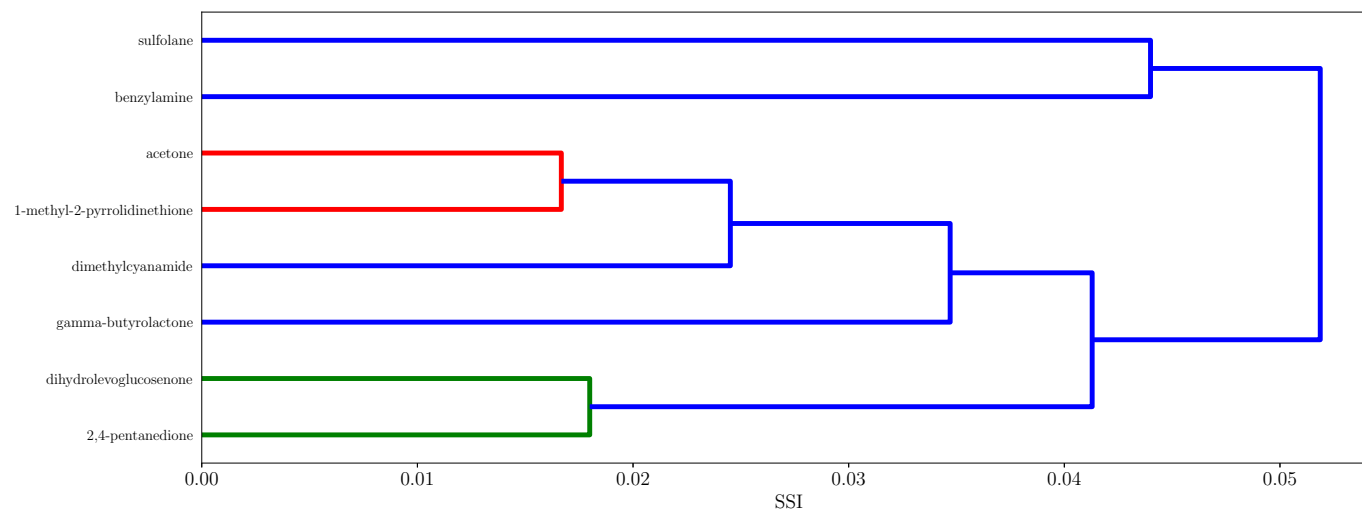


Figure S4: Dendrogram for solvents to the left of node 4 in Figure 2.

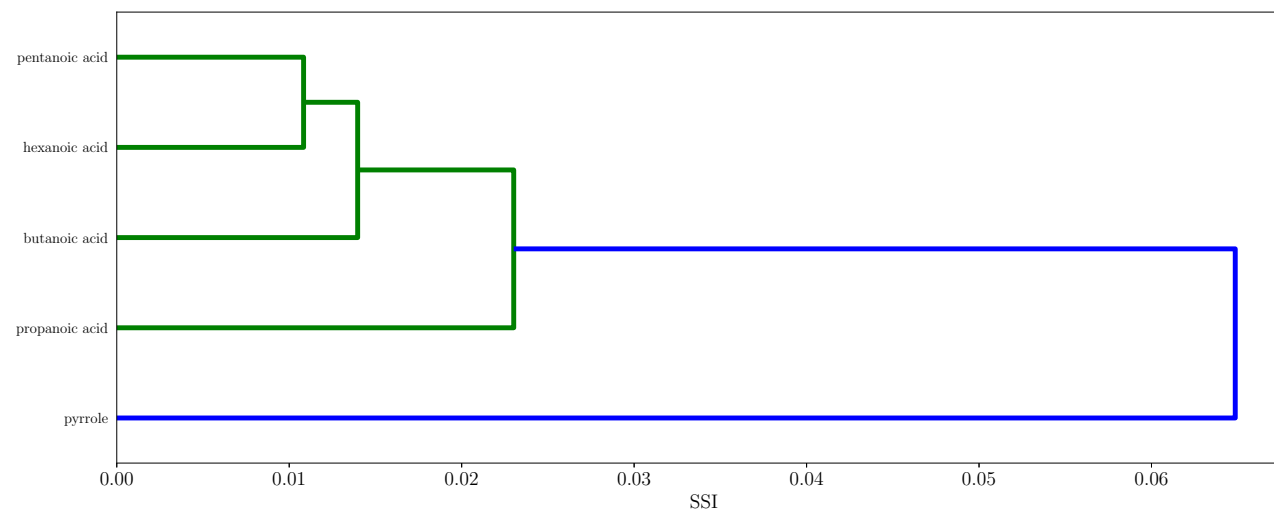


Figure S5: Dendrogram for solvents to the left of node 5 in Figure 2.

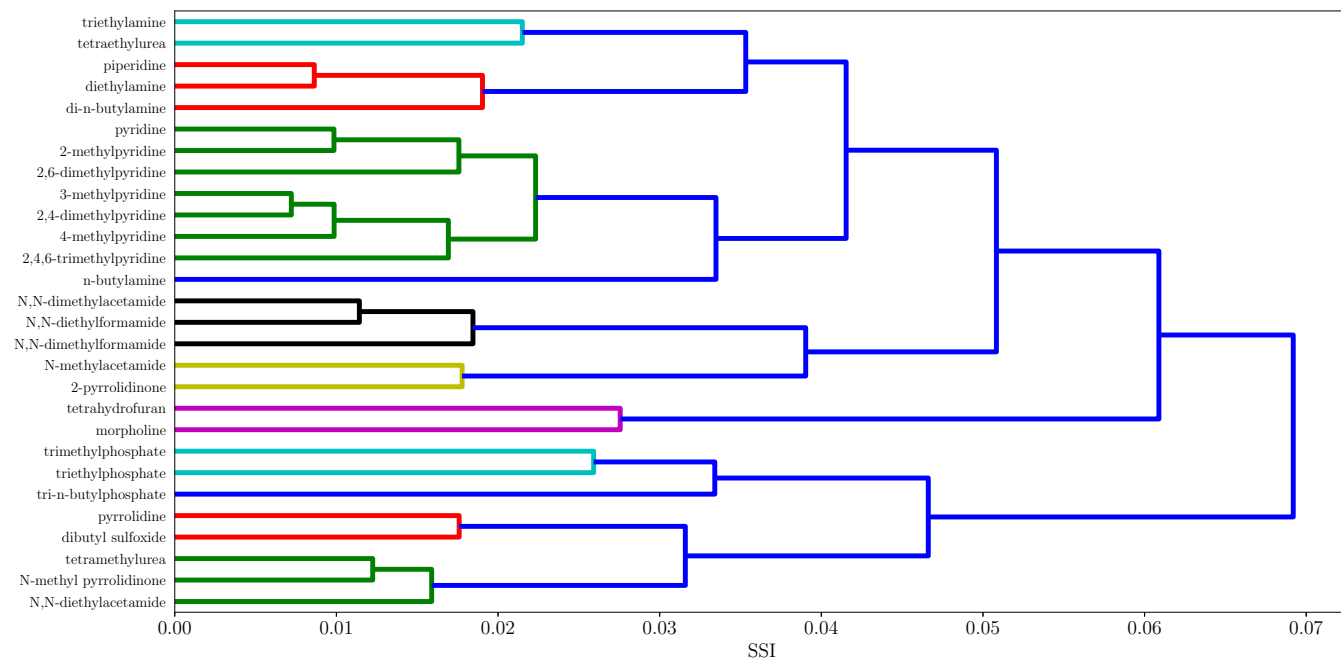


Figure S6: Dendrogram for solvents to the left of node 6 in Figure 2.

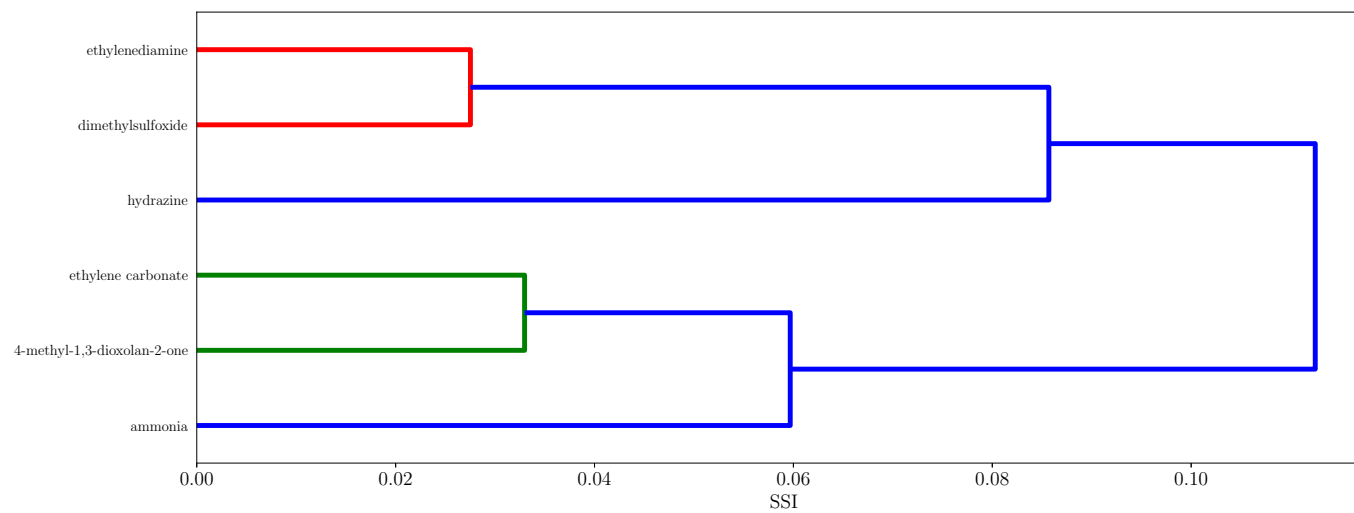


Figure S7: Dendrogram for solvents to the left of node 7 in Figure 2.

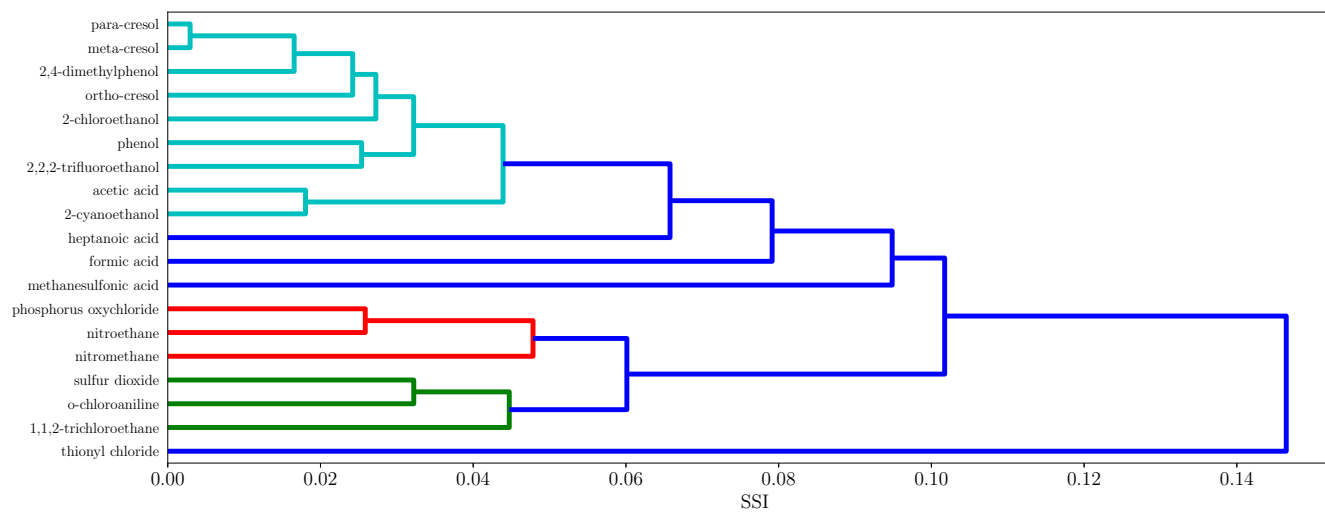


Figure S8: Dendrogram for solvents to the left of node 8 in Figure 2.

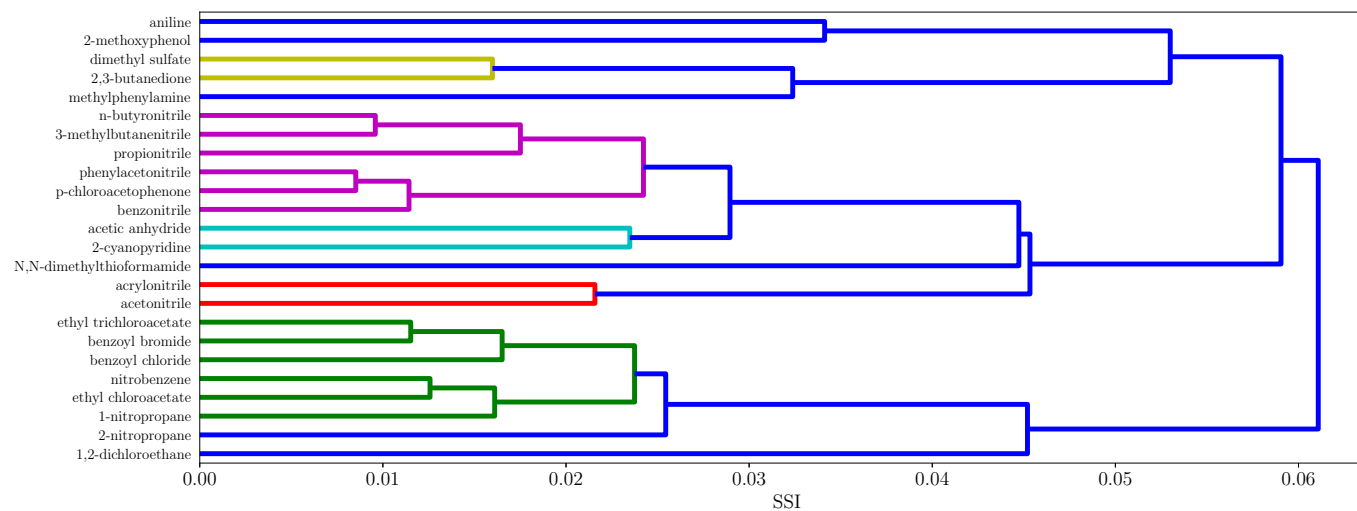


Figure S9: Dendrogram for solvents to the left of node 9 in Figure 2.

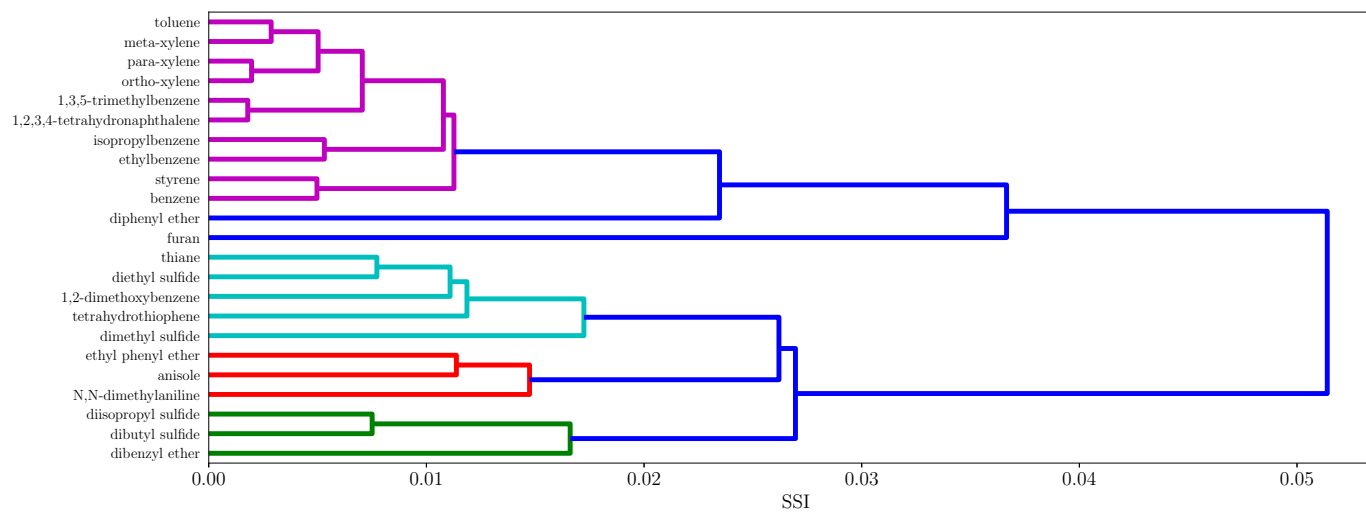


Figure S10: Dendrogram for solvents to the left of node 10 in Figure 2.

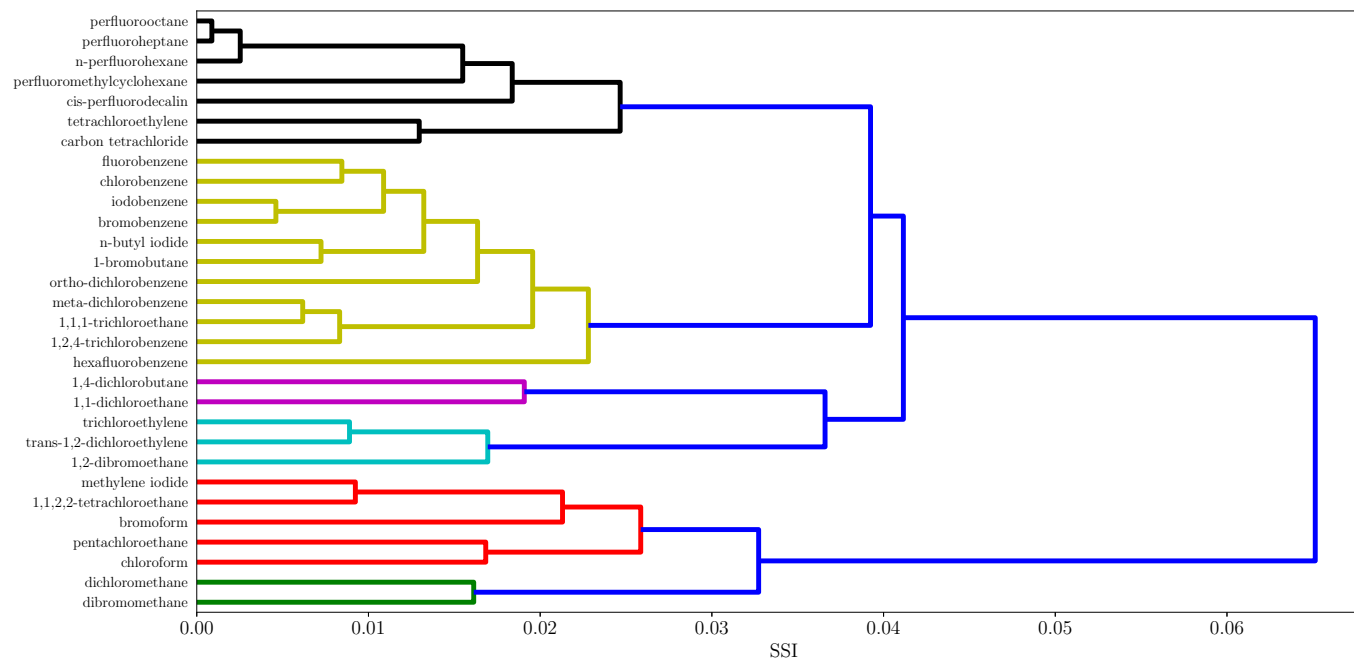


Figure S11: Dendrogram for solvents to the left of node 11 in Figure 2.

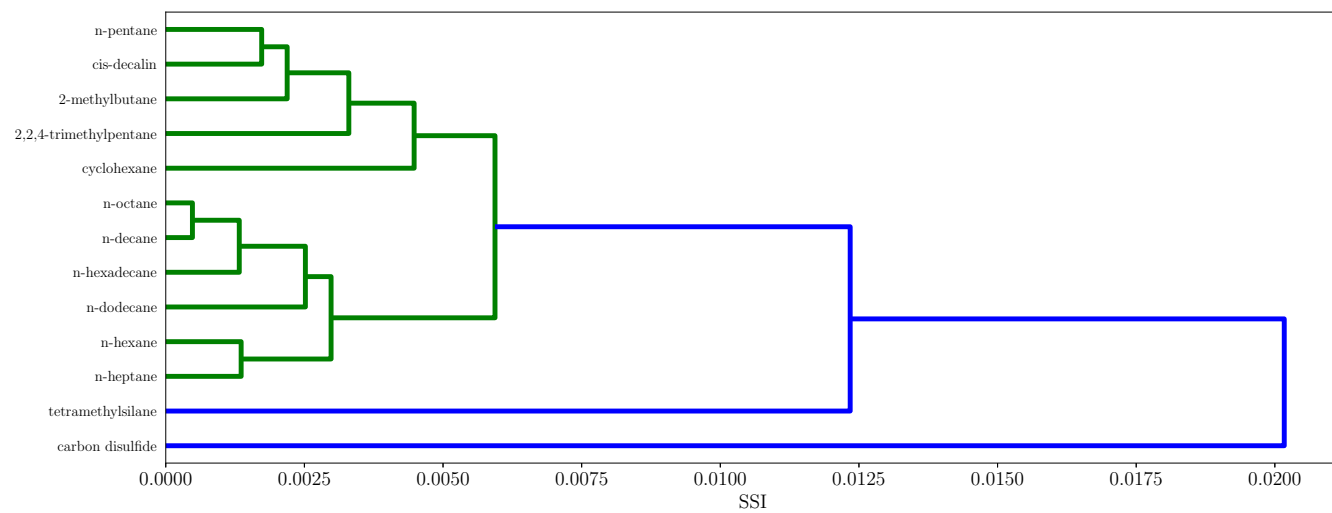


Figure S12: Dendrogram for solvents to the left of node 12 in Figure 2.

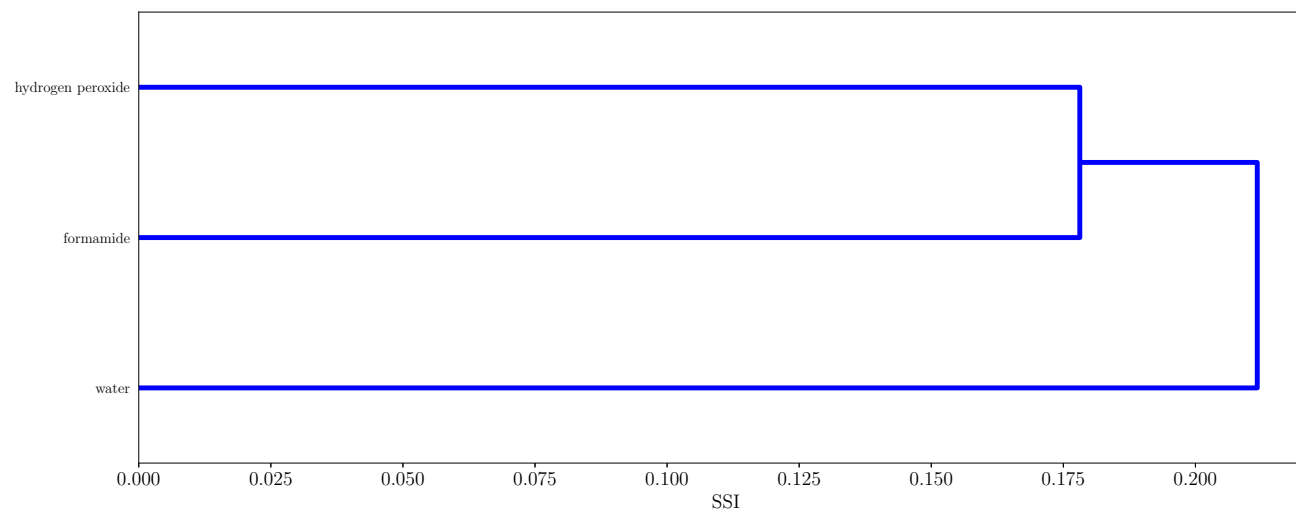


Figure S13: Dendrogram for solvents to the left of node 13 in Figure 2.

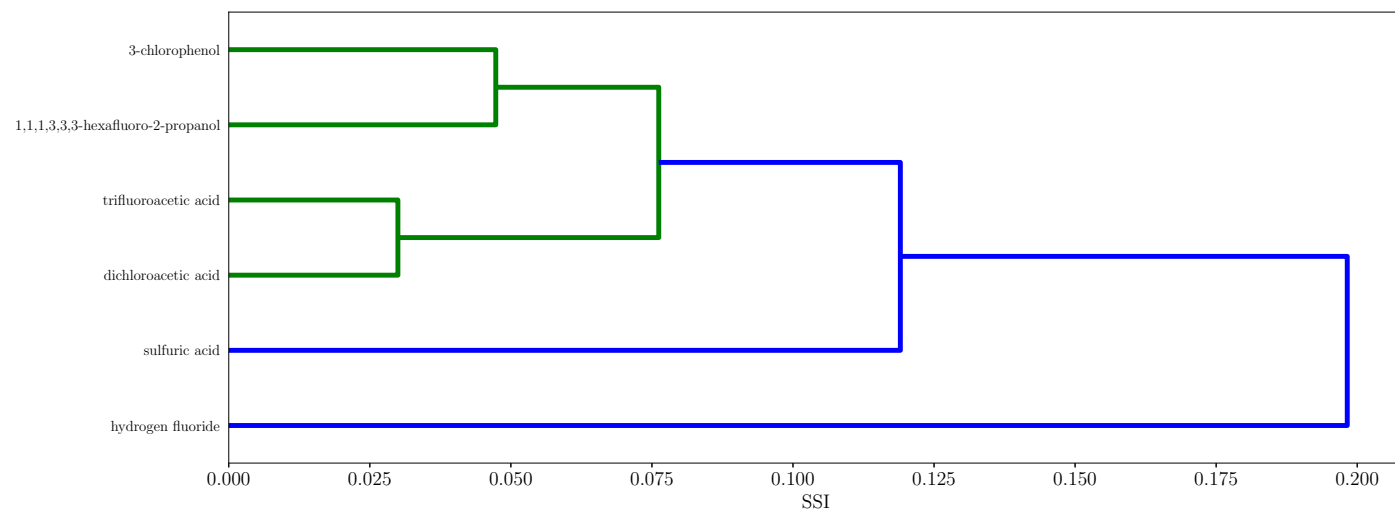


Figure S14: Dendrogram for solvents to the left of node 14 in Figure 2.