

BIJLAGE B : TYPISCHE RETENTIETIJDEN VOOR KATIONISCHE SURFACTANTEN OP EEN ACQUITY UPLC BEH PHENYL KOLOM

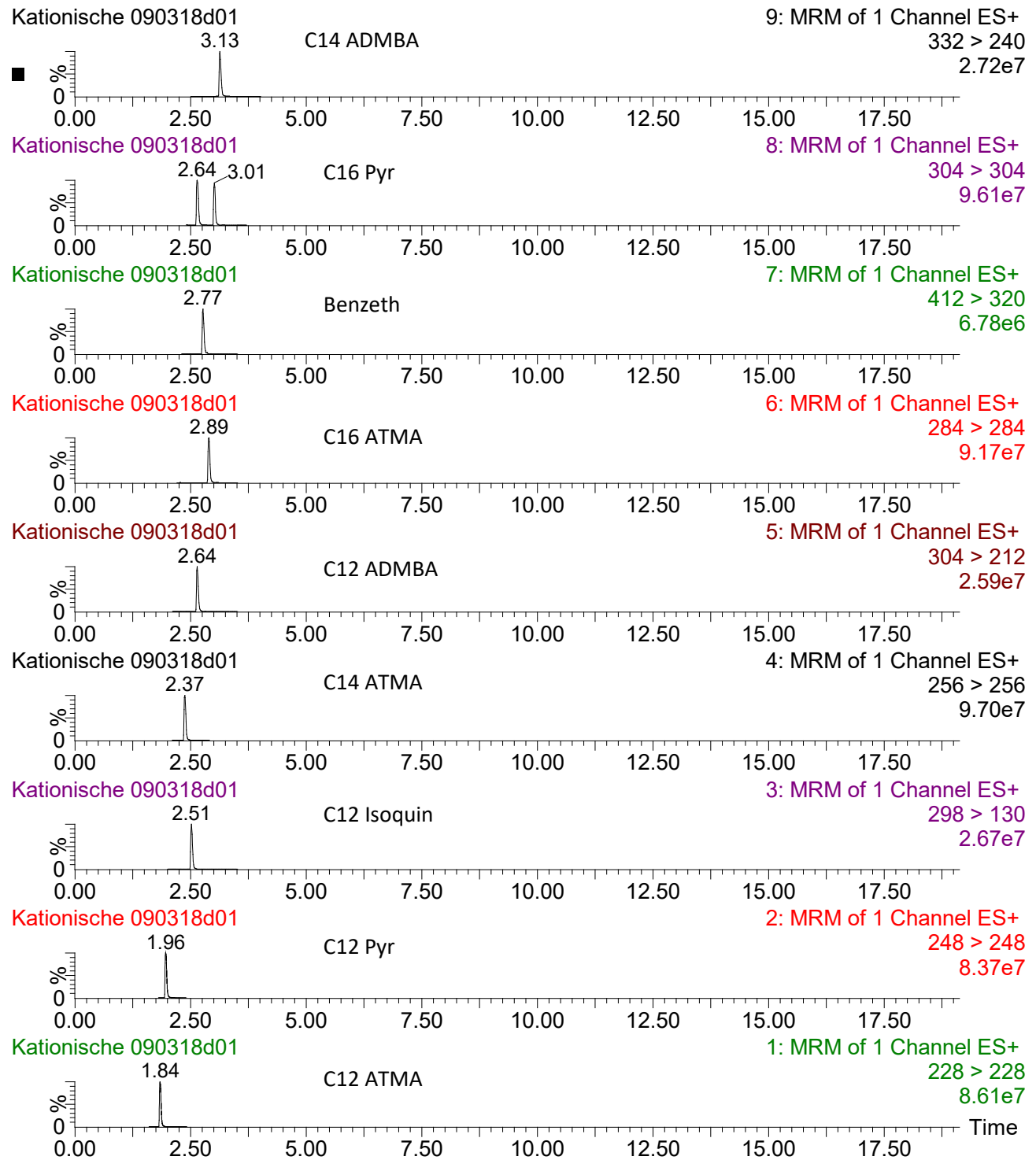
Component	afkorting	retentietijd
Dodecyltrimethylammonium Bromide	C12ATMA	1.84
Laurylpyridinium chloride	C12Pyr	1.96
Lauryl isoquinolinium bromide	C12 isoquin	2.51
Tetradecyltrimethylammonium Bromide	C14ATMA	2.37
Benzyltrimethylammonium Bromide	C12ADMBA	2.64
Hexadecyltrimethylammonium Bromide	C16ATMA	2.89
Octylphenoxyethyl dimethyl-benzyl ammonium chloride	Benzeth	2.77
Cetylpyridinium bromide monohydrate	C16Pyr	3.01
Benzyltrimethyltetradecylammonium Chloride	C14ADMBA	3.13
Didecyltrimethylammonium Bromide	C10DADMA	3.47
Benzyltrimethylhexadecylammonium Chloride	C16ADMBA	3.6
Octadecyltrimethylammonium Bromide	C18ATMA	3.39
Stearyltrimethylbenzylammonium chloride	C18ADMBA	4.03
Didodecyltrimethylammonium Bromide	C12DADMA	4.25
Dimethylditetradecylammonium Bromide	C14DADMA	4.96
Dihexadecyltrimethylammonium bromide	C16DADMA	5.77
Dimethyldioctadecylammonium Bromide	C18DADMA	6.78

BIJLAGE C : M/Z-WAARDEN VOOR BIJKOMENDE KATIONISCHE SURFACTANTEN (INDICATIEVE BEPALING)

Parameter	Mode	Parent ion	Daughter ion	Cone voltage	Collision energy
Tetradecylpyridinium	MRM	276	80	40	30
Octadecylpyridinium	MRM	332	80	40	30
Dodecylquinolinium	MRM	298	130	40	30
Tetradecylquinolinium	MRM	326	130	40	30
Hexadecylquinolinium	MRM	354	130	40	30
Octadecylquinolinium	MRM	382	130	40	30
Tetradecylisoquinolinium	MRM	326	130	40	30
Hexadecylisoquinolinium	MRM	354	130	40	30
Octadecylisoquinolinium	MRM	382	130	40	30
Hexadecyltrimethylammonium	MRM	282	60	40	30
Octadecyltrimethylammonium	MRM	310	60	40	30
Octadecadienyltrimethylammonium	MRM	308	60	40	30
Hexadecyldimethylbenzylammonium	MRM	358	266	40	30
Octadecyldimethylbenzylammonium	MRM	386	294	40	30
Octadecadienyldimethylbenzylammonium	MRM	384	292	40	30
Dihexadecenyldimethylammonium	MRM	490	268	40	30
Diocadecenyldimethylammonium	MRM	546	296	40	30
Diocadecadienyldimethylammonium	MRM	542	294	40	30

BIJLAGE D : CHROMATOGRAMMEN VOOR EEN STANDAARDOPLOSSING VAN KATIONISCHE SURFACTANTEN

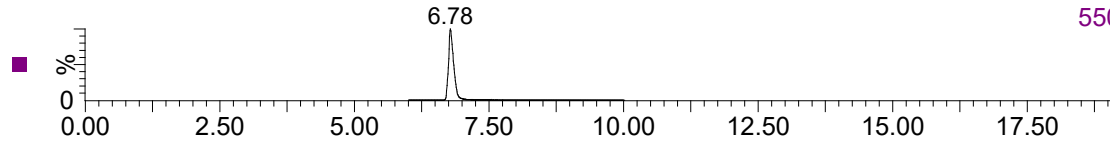
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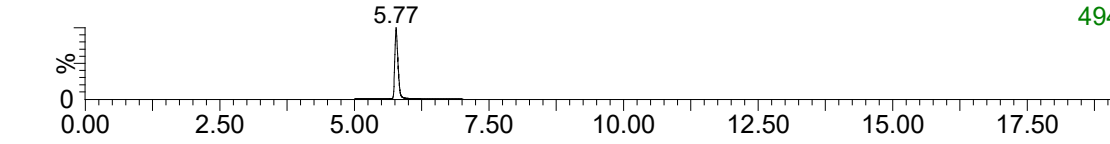
Kationische 090318d01

17: MRM of 1 Channel ES+
550 > 298
1.43e6



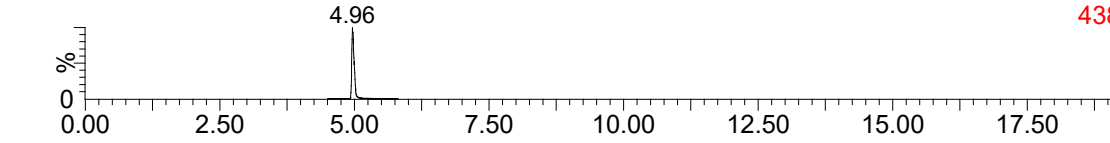
Kationische 090318d01

16: MRM of 1 Channel ES+
494 > 270
2.76e7



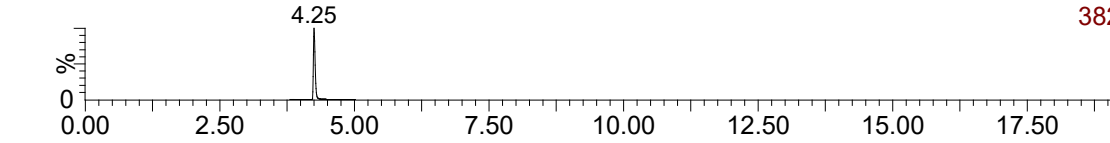
Kationische 090318d01

15: MRM of 1 Channel ES+
438 > 242
1.42e7



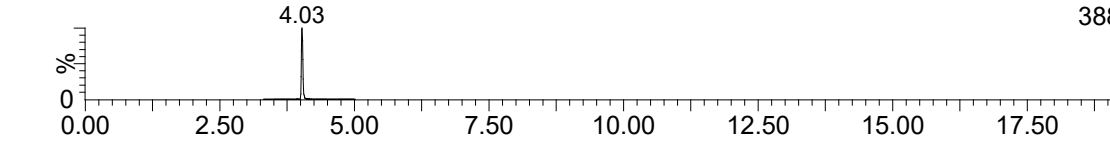
Kationische 090318d01

14: MRM of 1 Channel ES+
382 > 214
1.80e7



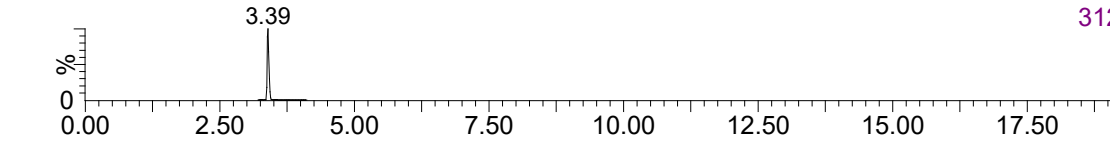
Kationische 090318d01

13: MRM of 1 Channel ES+
388 > 296
2.78e6



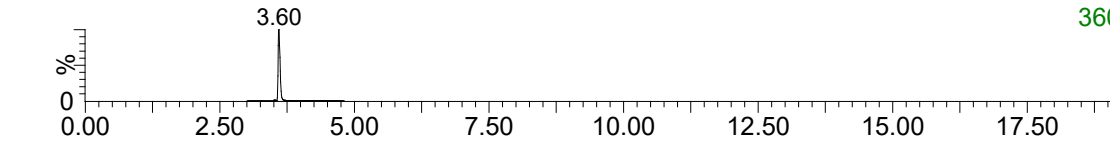
Kationische 090318d01

12: MRM of 1 Channel ES+
312 > 312
7.73e7



Kationische 090318d01

11: MRM of 1 Channel ES+
360 > 268
1.68e7



Kationische 090318d01

10: MRM of 1 Channel ES+
326 > 186
5.74e6

