

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021224AL\
 Data File : FF014010.D
 Signal(s) : FID2B.ch
 Acq On : 12 Feb 2024 15:23
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 12 16:33:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 16:33:11 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

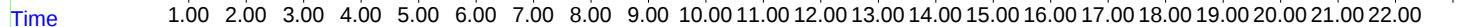
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.858	1560605	10.809 ug/ml
Spiked Amount 50.000		Recovery =	21.62%
12) S 1-chlorooctadecane (S...	13.299	1142862	10.569 ug/ml
Spiked Amount 50.000		Recovery =	21.14%
Target Compounds			
1) T n-Nonane (C9)	3.258	1320869	10.785 ug/ml
2) T n-Decane (C10)	4.507	1352416	10.791 ug/ml
3) T A~Naphthalene (C11.7)	6.203	1422071	10.529 ug/ml
4) T n-Dodecane (C12)	6.670	1369173	10.770 ug/ml
5) T A~2-methylnaphthalene...	7.297	1343706	10.355 ug/ml
6) T n-Tetradecane (C14)	8.495	1354159	10.714 ug/ml
7) T n-Hexadecane (C16)	10.102	1415739	10.726 ug/ml
8) T n-Octadecane (C18)	11.545	1459316	10.764 ug/ml
10) T n-Eicosane (C20)	12.855	1415017	10.747 ug/ml
11) T n-Heneicosane (C21)	13.468	1395551	10.739 ug/ml
13) T n-Docosane (C22)	14.055	1385404	10.721 ug/ml
14) T n-Tetracosane (C24)	15.159	1367884	10.695 ug/ml
15) T n-Hexacosane (C26)	16.181	1322654	10.669 ug/ml
16) T n-Octacosane (C28)	17.132	1261838	10.632 ug/ml
17) T n-Tricontane (C30)	18.019	1246610	10.670 ug/ml
18) T n-Dotriacontane (C32)	18.854	1198099	10.700 ug/ml
19) T n-Tetratriacontane (C34)	19.638	1144945	10.765 ug/ml
20) T n-Hexatriacontane (C36)	20.379	1081471	10.750 ug/ml
21) T n-Octatriacontane (C38)	21.106	1118139	10.931 ug/ml
22) T n-Tetracontane (C40)	21.995	1034862	10.646 ug/ml

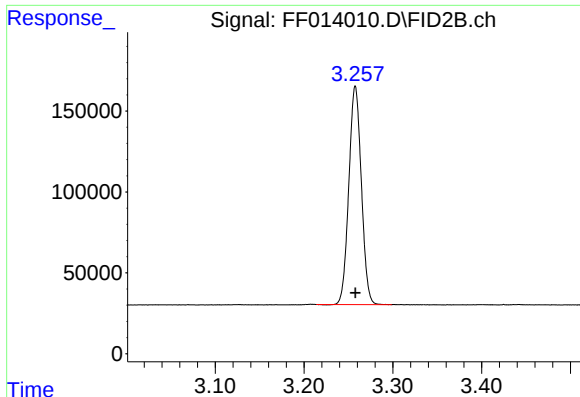
(f)=RT Delta > 1/2 Window

(m)=manual int.

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10 PPM ALIPHATIC HC STD4

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

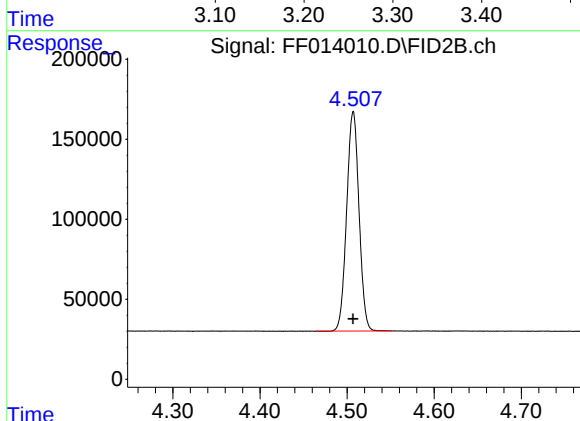




#1 n-Nonane (C9)

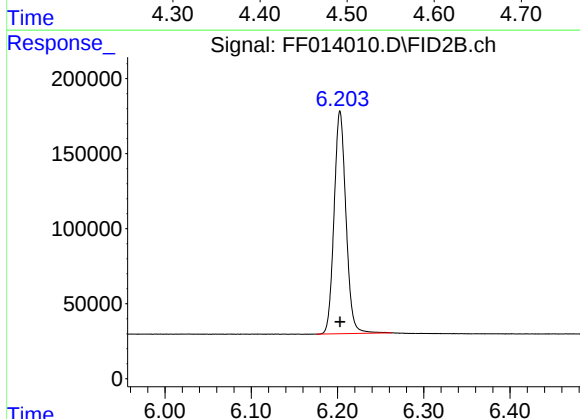
R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 1320869
Conc: 10.78 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



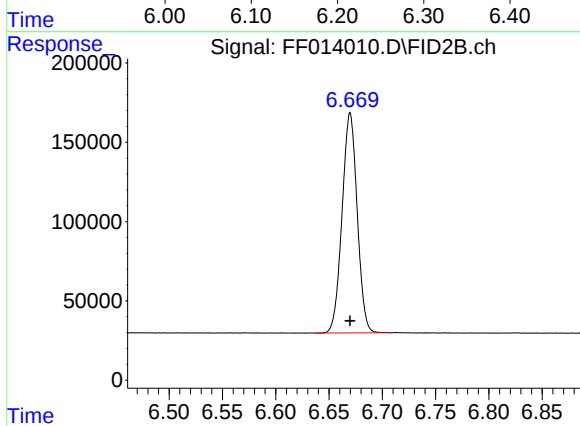
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 1352416
Conc: 10.79 ug/ml



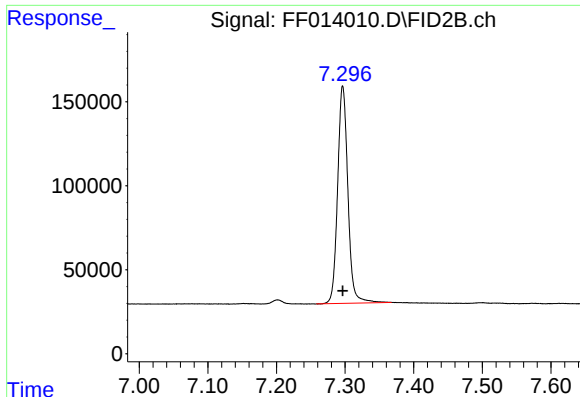
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 1422071
Conc: 10.53 ug/ml



#4 n-Dodecane (C12)

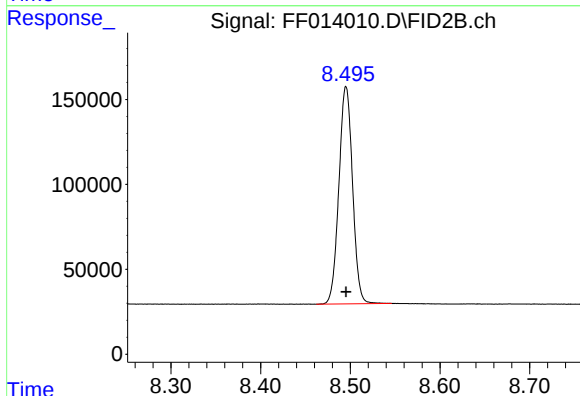
R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 1369173
Conc: 10.77 ug/ml



#5 A~2-methylnaphthalene (C12.89)

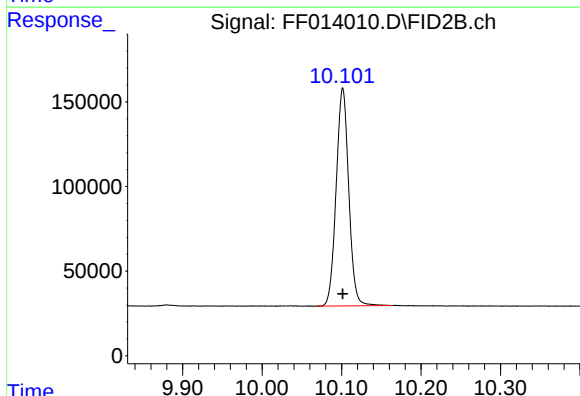
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 1343706
Conc: 10.36 ug/ml

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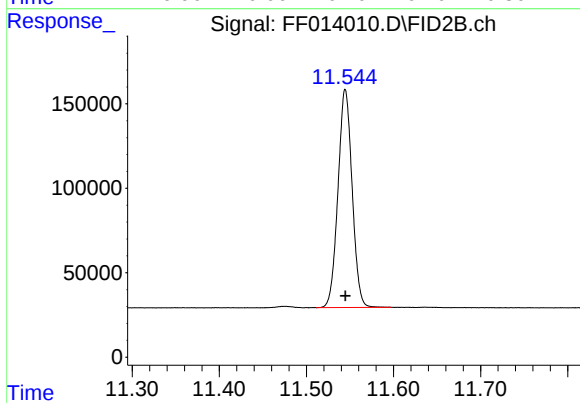
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 1354159
Conc: 10.71 ug/ml



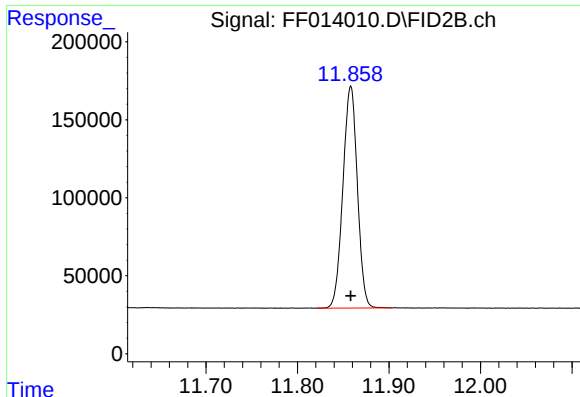
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 1415739
Conc: 10.73 ug/ml



#8 n-Octadecane (C18)

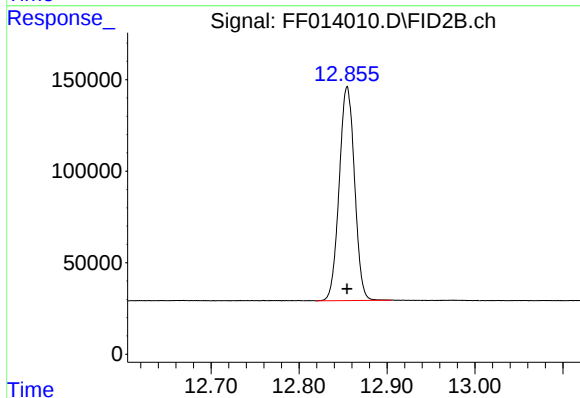
R.T.: 11.545 min
Delta R.T.: 0.000 min
Response: 1459316
Conc: 10.76 ug/ml



#9 ortho-Terphenyl (SURR)

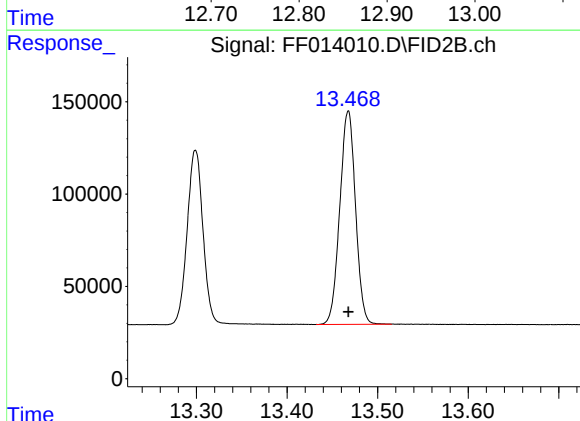
R.T.: 11.858 min
Delta R.T.: 0.000 min
Response: 1560605
Conc: 10.81 ug/ml

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10 PPM ALIPHATIC HC STD4



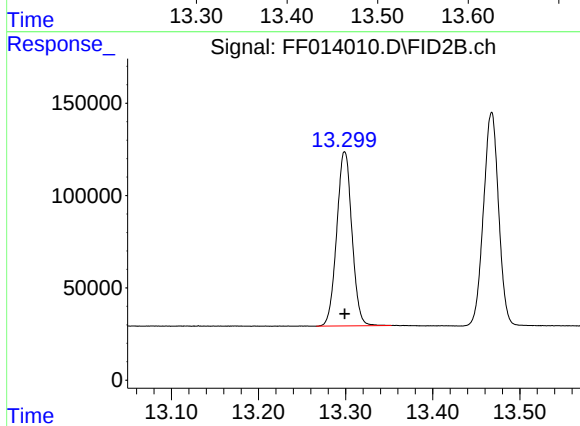
#10 n-Eicosane (C20)

R.T.: 12.855 min
Delta R.T.: 0.000 min
Response: 1415017
Conc: 10.75 ug/ml



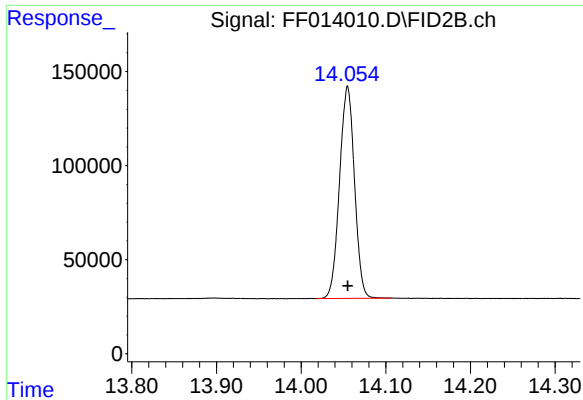
#11 n-Heneicosane (C21)

R.T.: 13.468 min
Delta R.T.: 0.000 min
Response: 1395551
Conc: 10.74 ug/ml



#12 1-chlorooctadecane (SURR)

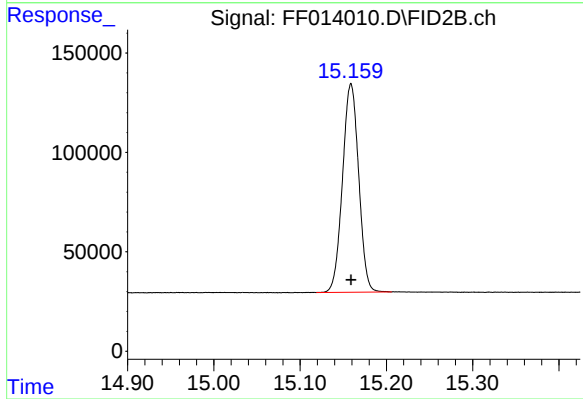
R.T.: 13.299 min
Delta R.T.: 0.000 min
Response: 1142862
Conc: 10.57 ug/ml



#13 n-Docosane (C22)

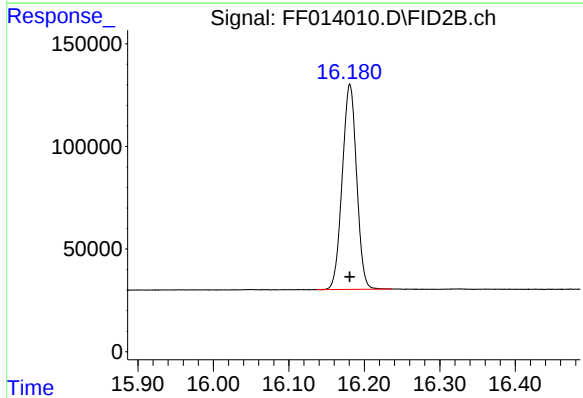
R.T.: 14.055 min
Delta R.T.: 0.000 min
Response: 1385404
Conc: 10.72 ug/ml

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10 PPM ALIPHATIC HC STD4



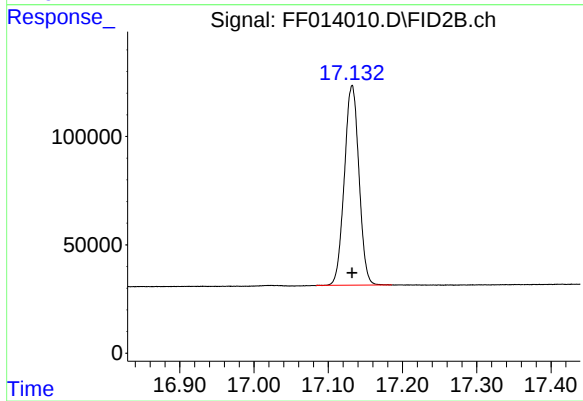
#14 n-Tetracosane (C24)

R.T.: 15.159 min
Delta R.T.: 0.000 min
Response: 1367884
Conc: 10.69 ug/ml



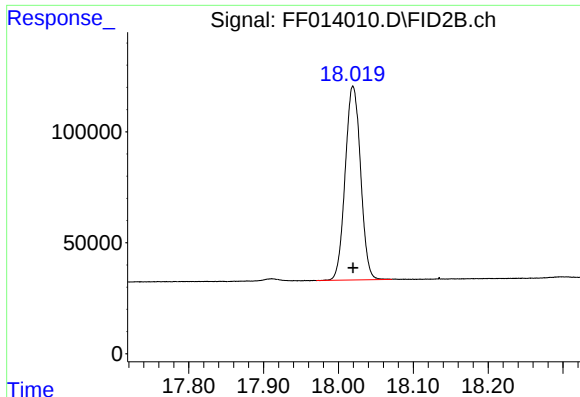
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: 0.000 min
Response: 1322654
Conc: 10.67 ug/ml



#16 n-Octacosane (C28)

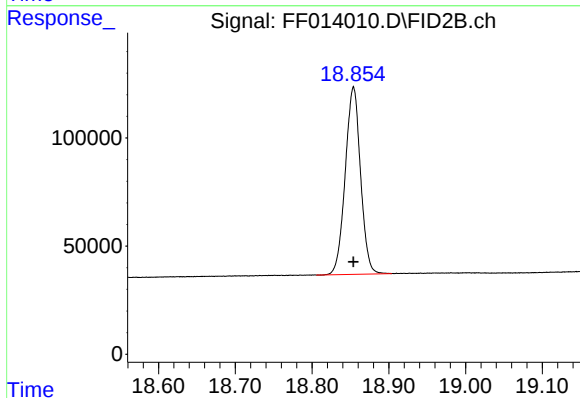
R.T.: 17.132 min
Delta R.T.: 0.000 min
Response: 1261838
Conc: 10.63 ug/ml



#17 n-Tricontane (C30)

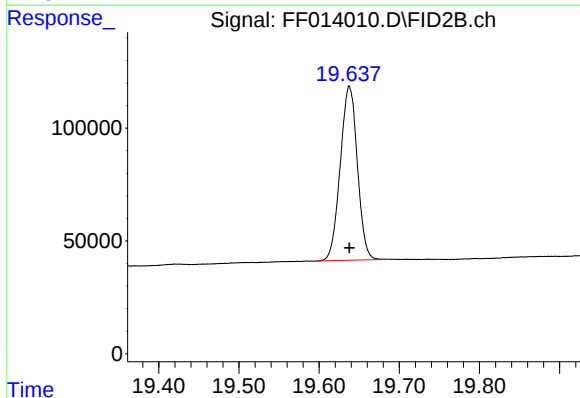
R.T.: 18.019 min
Delta R.T.: 0.000 min
Response: 1246610
Conc: 10.67 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



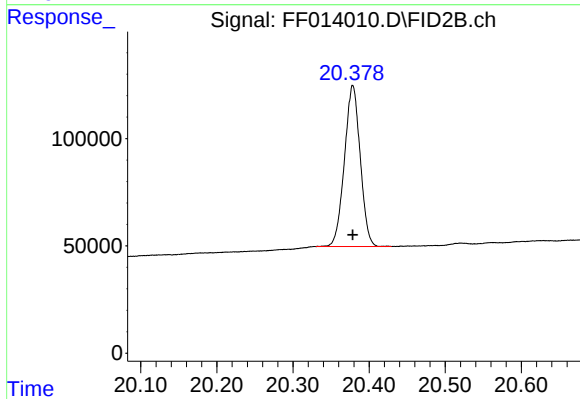
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: 0.000 min
Response: 1198099
Conc: 10.70 ug/ml



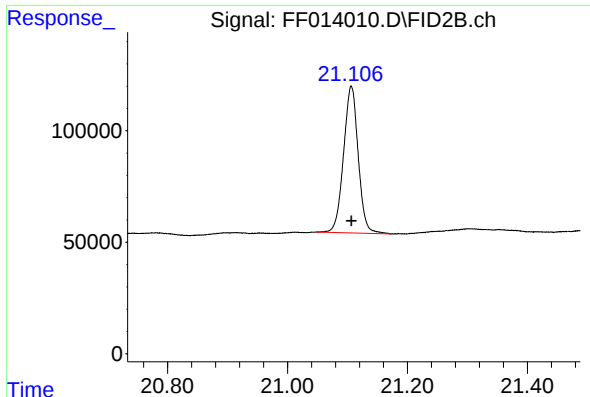
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: 0.000 min
Response: 1144945
Conc: 10.77 ug/ml



#20 n-Hexatriacontane (C36)

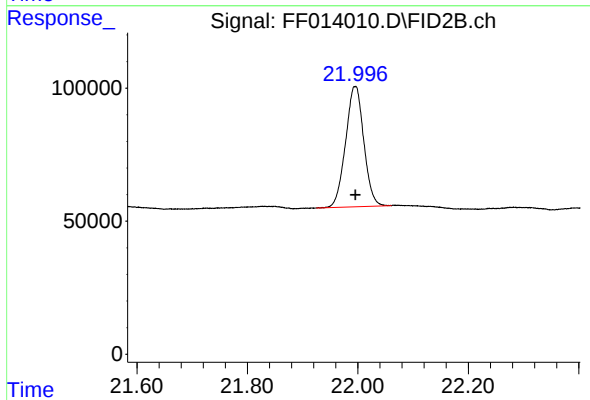
R.T.: 20.379 min
Delta R.T.: 0.000 min
Response: 1081471
Conc: 10.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: 0.000 min
Response: 1118139
Conc: 10.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: 0.000 min
Response: 1034862
Conc: 10.65 ug/ml