

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071523AL\
 Data File : FE043228.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2023 12:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 14 22:31:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

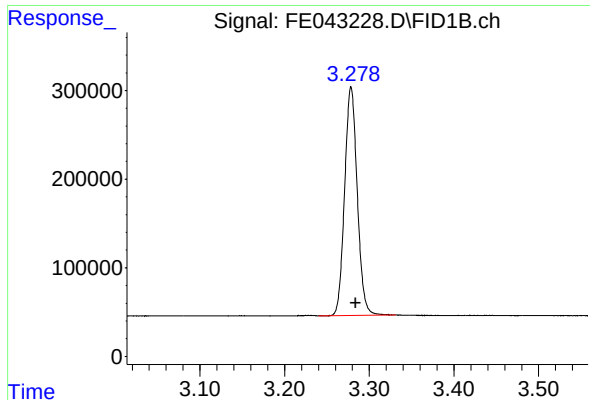
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.900	3247973	18.138 ug/ml
Spiked Amount 50.000		Recovery =	36.28%
12) S 1-chlorooctadecane (S...	13.337	2404350	18.299 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
Target Compounds			
1) T n-Nonane (C9)	3.279	2669351	17.483 ug/ml
2) T n-Decane (C10)	4.531	2786421	17.874 ug/ml
3) T A~Naphthalene (C11.7)	6.241	2886685	17.939 ug/ml
4) T n-Dodecane (C12)	6.701	2818155	17.885 ug/ml
5) T A~2-methylnaphthalene...	7.339	2745281	18.092 ug/ml
6) T n-Tetradecane (C14)	8.530	2831942	17.905 ug/ml
7) T n-Hexadecane (C16)	10.138	2929131	18.100 ug/ml
8) T n-Octadecane (C18)	11.582	2961916	18.169 ug/ml
10) T n-Eicosane (C20)	12.890	2824574	18.180 ug/ml
11) T n-Heneicosane (C21)	13.503	2756964	18.197 ug/ml
13) T n-Docosane (C22)	14.089	2712012	18.147 ug/ml
14) T n-Tetracosane (C24)	15.192	2667576	18.164 ug/ml
15) T n-Hexacosane (C26)	16.212	2612044	18.339 ug/ml
16) T n-Octacosane (C28)	17.164	2640570	18.767 ug/ml
17) T n-Tricontane (C30)	18.052	2899561	19.683 ug/ml
18) T n-Dotriacontane (C32)	18.885	2986094	20.152 ug/ml
19) T n-Tetratriacontane (C34)	19.668	2891017	20.032 ug/ml
20) T n-Hexatriacontane (C36)	20.408	2733204	18.596 ug/ml
21) T n-Octatriacontane (C38)	21.147	2751735	19.290 ug/ml
22) T n-Tetracontane (C40)	22.060	2995284	20.296 ug/ml

(f)=RT Delta > 1/2 Window

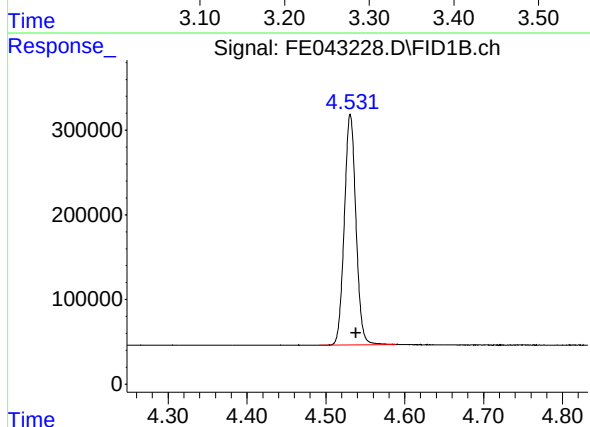
(m)=manual int.



#1 n-Nonane (C9)

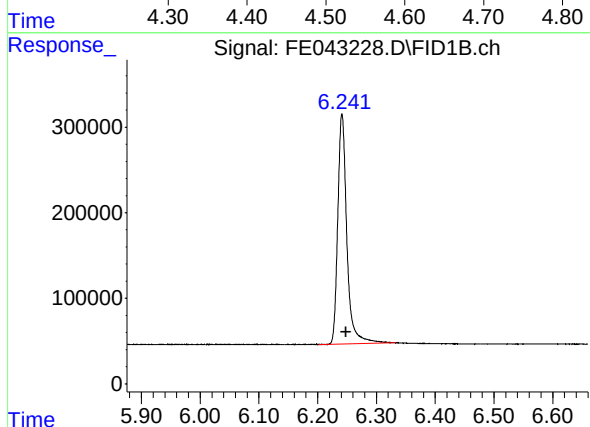
R.T.: 3.279 min
Delta R.T.: -0.005 min
Response: 2669351
Conc: 17.48 ug/ml

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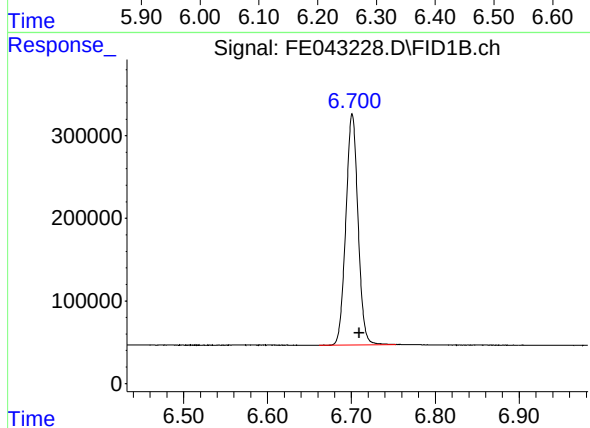
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.007 min
Response: 2786421
Conc: 17.87 ug/ml



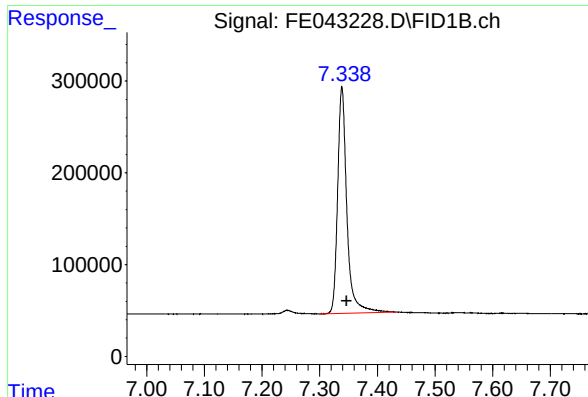
#3 A~Naphthalene (C11.7)

R.T.: 6.241 min
Delta R.T.: -0.007 min
Response: 2886685
Conc: 17.94 ug/ml



#4 n-Dodecane (C12)

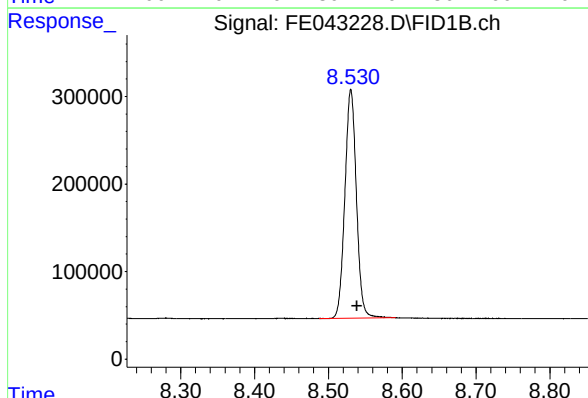
R.T.: 6.701 min
Delta R.T.: -0.008 min
Response: 2818155
Conc: 17.88 ug/ml



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

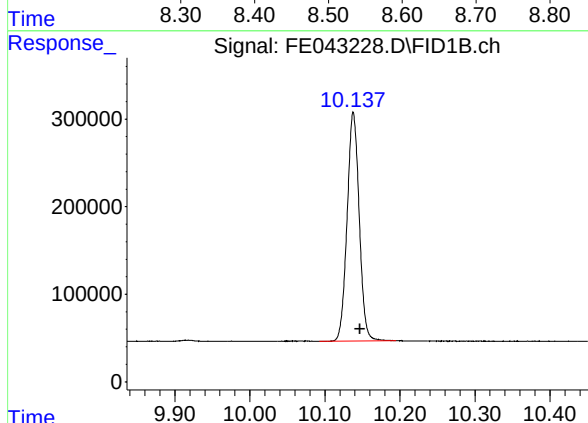
R.T.: 7.339 min
Delta R.T.: -0.008 min
Response: 2745281
Conc: 18.09 ug/ml

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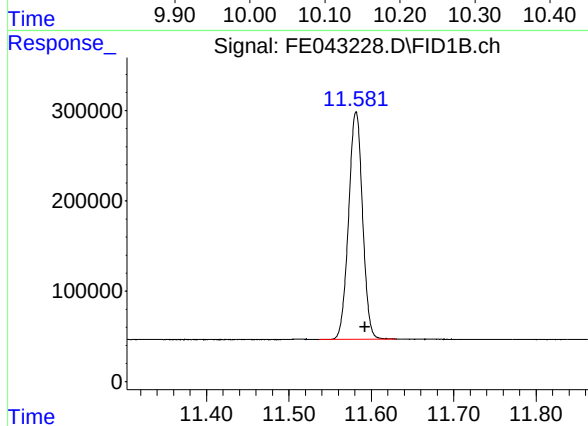
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: -0.008 min
Response: 2831942
Conc: 17.90 ug/ml



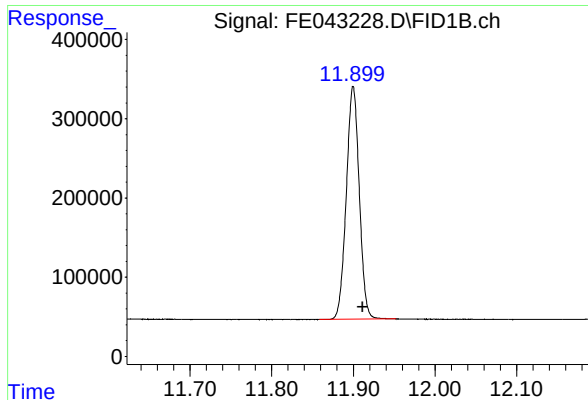
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: -0.009 min
Response: 2929131
Conc: 18.10 ug/ml



#8 n-Octadecane (C18)

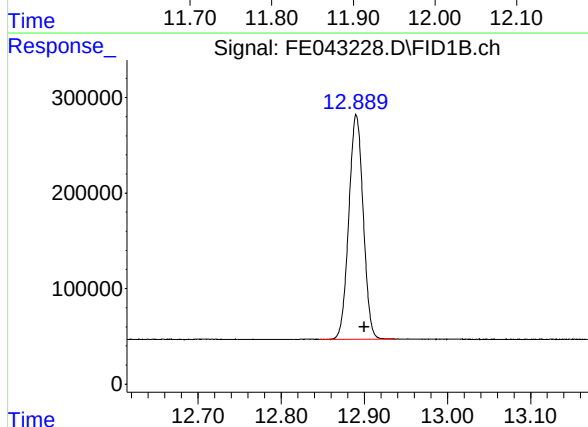
R.T.: 11.582 min
Delta R.T.: -0.011 min
Response: 2961916
Conc: 18.17 ug/ml



#9 ortho-Terphenyl (SURR)

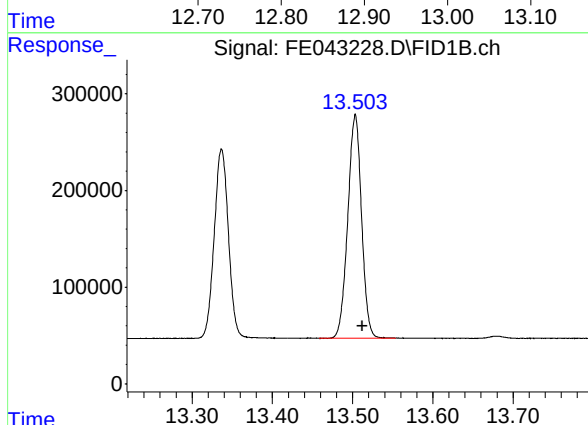
R.T.: 11.900 min
Delta R.T.: -0.012 min
Response: 3247973
Conc: 18.14 ug/ml

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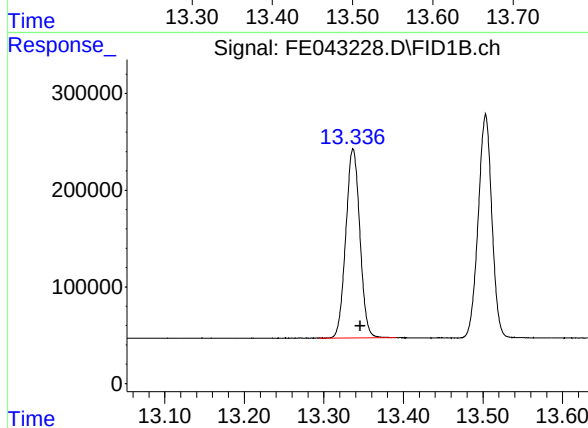
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: -0.009 min
Response: 2824574
Conc: 18.18 ug/ml



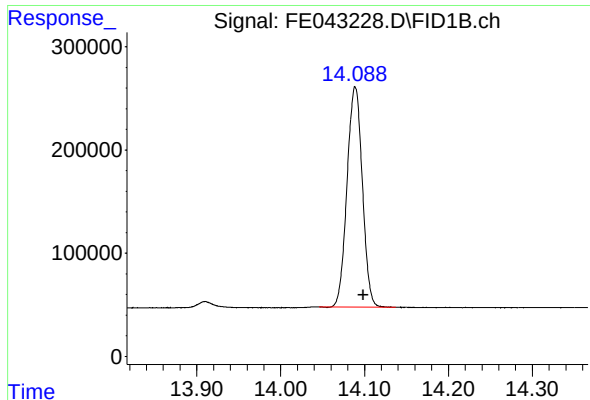
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.009 min
Response: 2756964
Conc: 18.20 ug/ml



#12 1-chlorooctadecane (SURR)

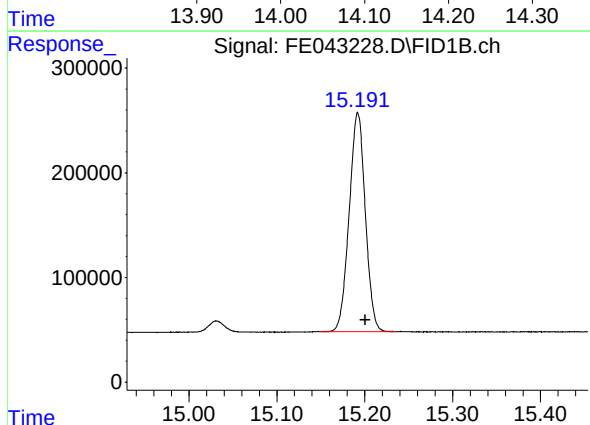
R.T.: 13.337 min
Delta R.T.: -0.009 min
Response: 2404350
Conc: 18.30 ug/ml



#13 n-Docosane (C22)

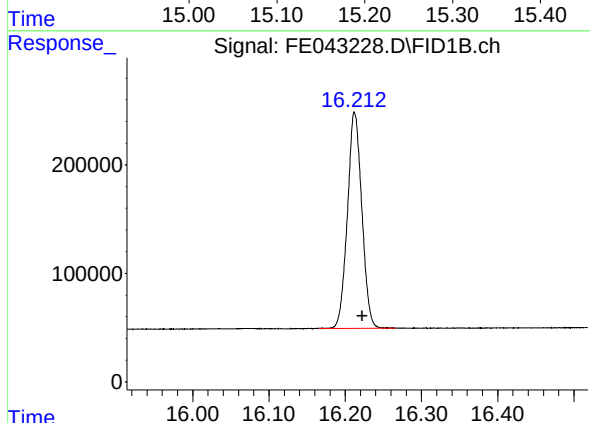
R.T.: 14.089 min
Delta R.T.: -0.009 min
Response: 2712012
Conc: 18.15 ug/ml

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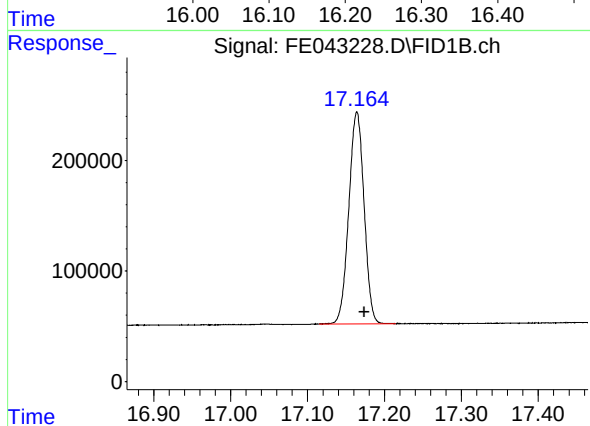
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: -0.009 min
Response: 2667576
Conc: 18.16 ug/ml



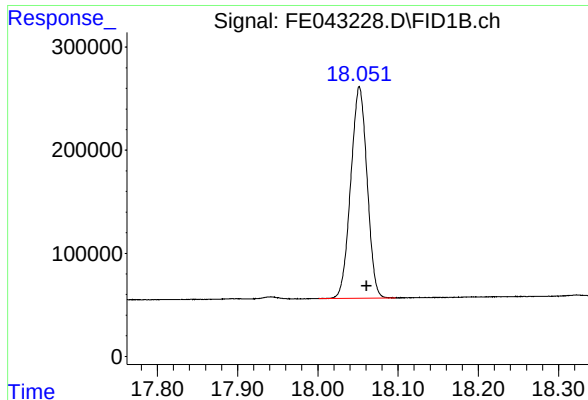
#15 n-Hexacosane (C26)

R.T.: 16.212 min
Delta R.T.: -0.010 min
Response: 2612044
Conc: 18.34 ug/ml



#16 n-Octacosane (C28)

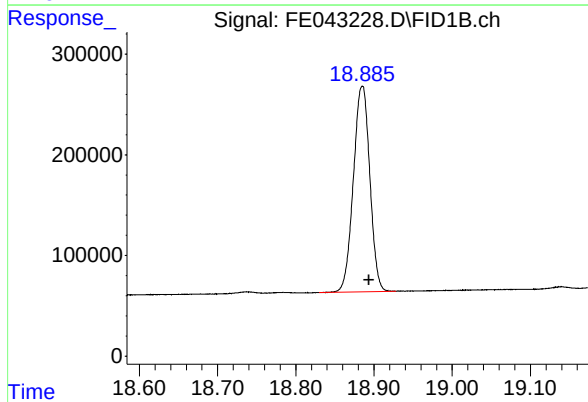
R.T.: 17.164 min
Delta R.T.: -0.009 min
Response: 2640570
Conc: 18.77 ug/ml



#17 n-Tricontane (C30)

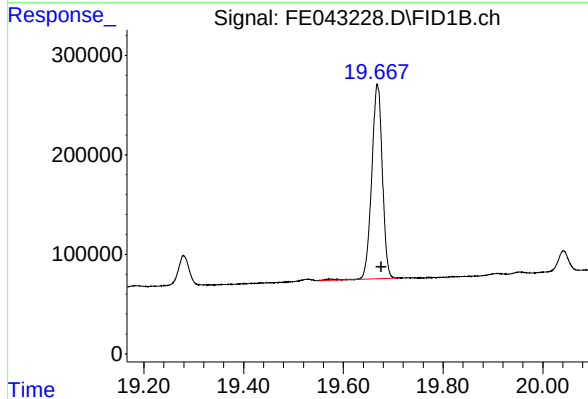
R.T.: 18.052 min
Delta R.T.: -0.009 min
Response: 2899561
Conc: 19.68 ug/ml

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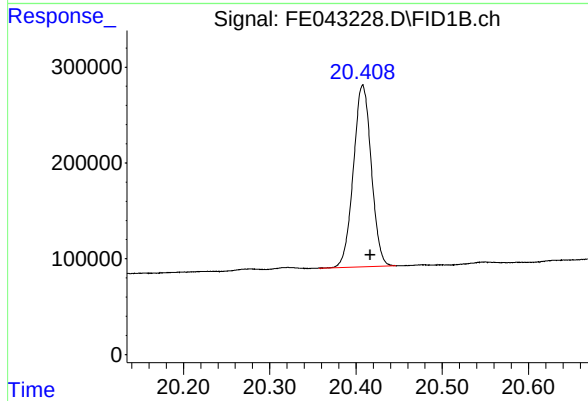
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.008 min
Response: 2986094
Conc: 20.15 ug/ml



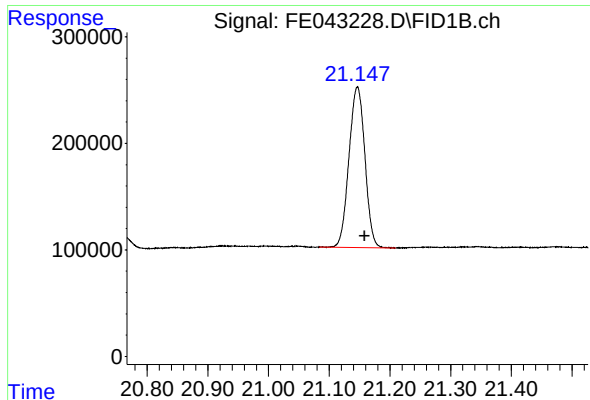
#19 n-Tetatriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.007 min
Response: 2891017
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

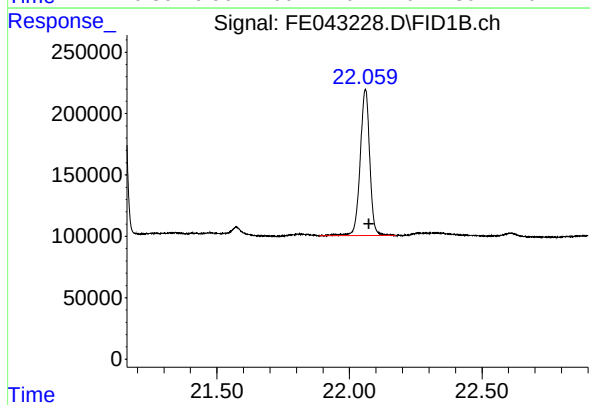
R.T.: 20.408 min
Delta R.T.: -0.009 min
Response: 2733204
Conc: 18.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.012 min
Response: 2751735
Conc: 19.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.060 min
Delta R.T.: -0.014 min
Response: 2995284
Conc: 20.30 ug/ml