

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050624AL\
 Data File : FE048000.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2024 23:50
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2024
 Supervised By :Ankita Jodhani 05/07/2024

Integration File: autoint1.e
 Quant Time: May 07 01:50:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 Response via : Initial Calibration
 Integrator: ChemStation

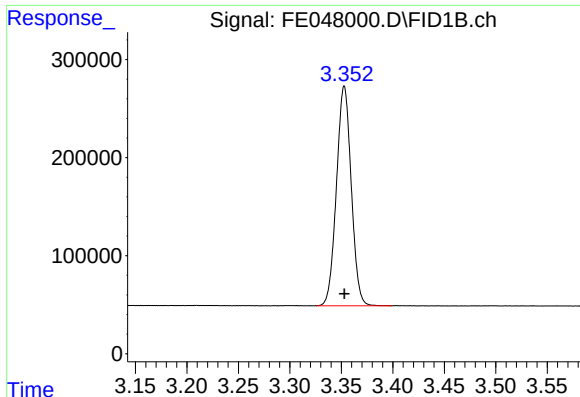
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.974	2602022	18.036 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
12) S 1-chlorooctadecane (S...	13.409	2011637	18.003 ug/ml
Spiked Amount 50.000		Recovery =	36.01%
Target Compounds			
1) T n-Nonane (C9)	3.353	2239577	17.377 ug/ml
2) T n-Decane (C10)	4.605	2346607	17.824 ug/ml
3) T A~Naphthalene (C11.7)	6.315	2472450	17.906 ug/ml
4) T n-Dodecane (C12)	6.772	2380669	17.858 ug/ml
5) T A~2-methylnaphthalene...	7.411	2395833	18.004 ug/ml
6) T n-Tetradecane (C14)	8.601	2370283	17.886 ug/ml
7) T n-Hexadecane (C16)	10.209	2466918	17.937 ug/ml
8) T n-Octadecane (C18)	11.653	2512484	18.037 ug/ml
10) T n-Eicosane (C20)	12.962	2447518	18.178 ug/ml
11) T n-Heneicosane (C21)	13.575	2388595	18.044 ug/ml
13) T n-Docosane (C22)	14.161	2444129	18.443 ug/ml
14) T n-Tetracosane (C24)	15.265	2550214	19.152 ug/ml
15) T n-Hexacosane (C26)	16.285	2617842	19.618 ug/ml
16) T n-Octacosane (C28)	17.235	2713051	20.376 ug/ml
17) T n-Tricontane (C30)	18.122	2963555	21.473 ug/ml
18) T n-Dotriacontane (C32)	18.954	2980118	21.575 ug/ml
19) T n-Tetratriacontane (C34)	19.738	2855735	20.964 ug/ml
20) T n-Hexatriacontane (C36)	20.477	2761782	20.397 ug/ml
21) T n-Octatriacontane (C38)	21.222	2581571	18.698 ug/mlm
22) T n-Tetracontane (C40)	22.151	2405233	17.264 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



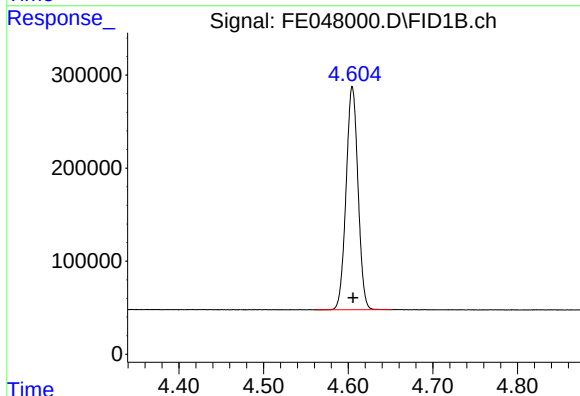
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 2239577
Conc: 17.38 ug/ml

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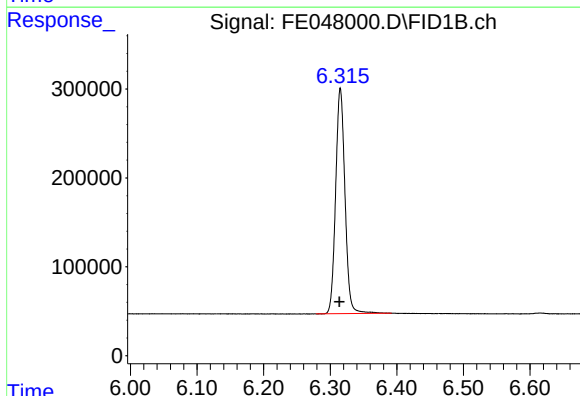
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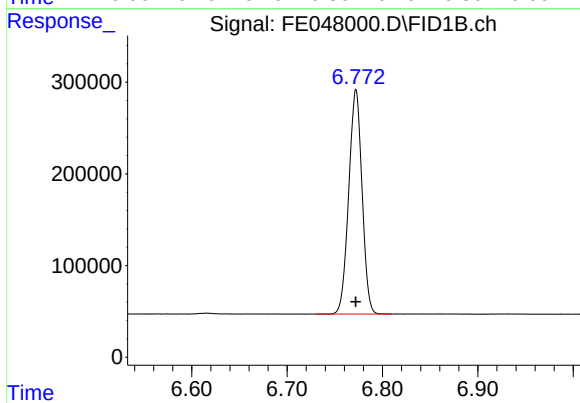
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 2346607
Conc: 17.82 ug/ml



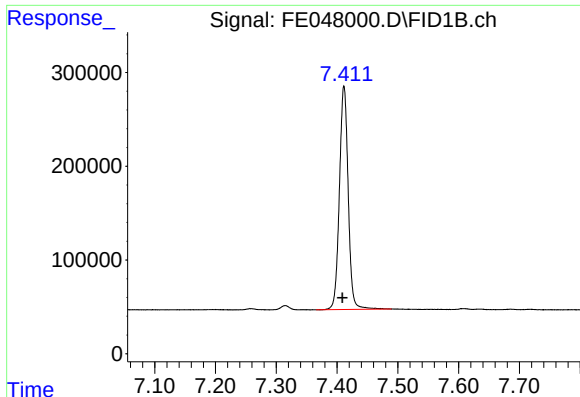
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: 0.002 min
Response: 2472450
Conc: 17.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2380669
Conc: 17.86 ug/ml



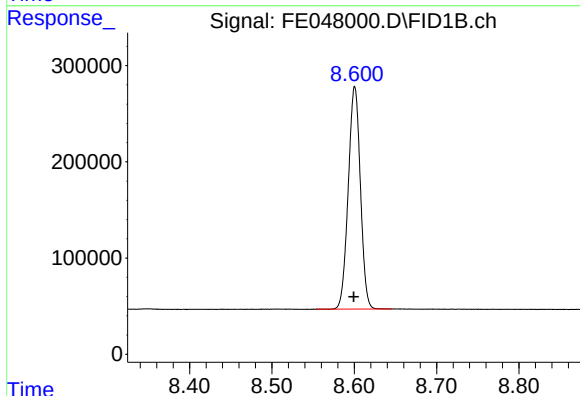
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.002 min
Response: 2395833
Conc: 18.00 ug/ml

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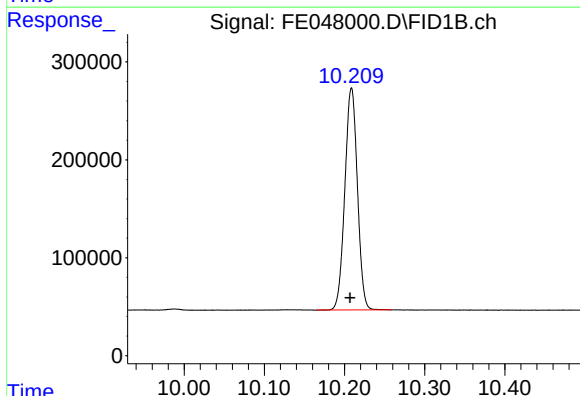
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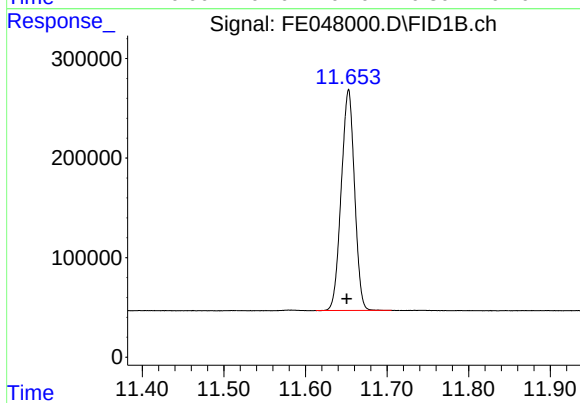
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.001 min
Response: 2370283
Conc: 17.89 ug/ml



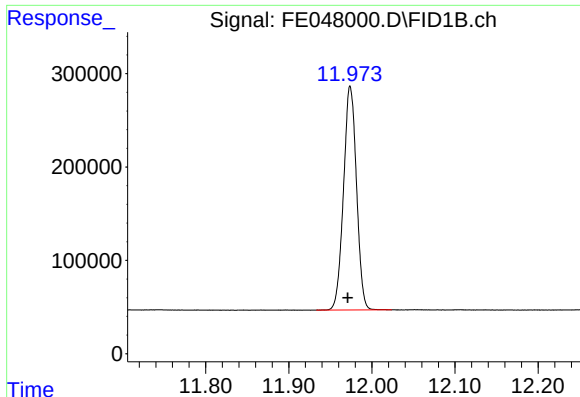
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: 0.002 min
Response: 2466918
Conc: 17.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: 0.002 min
Response: 2512484
Conc: 18.04 ug/ml



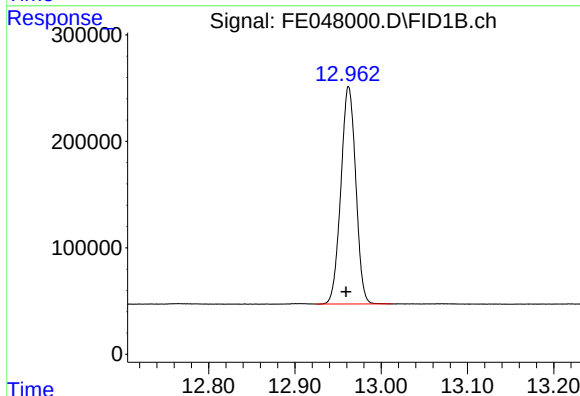
#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.003 min
Response: 2602022
Conc: 18.04 ug/ml

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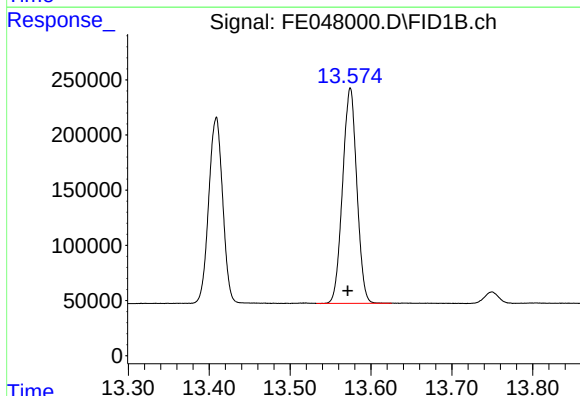
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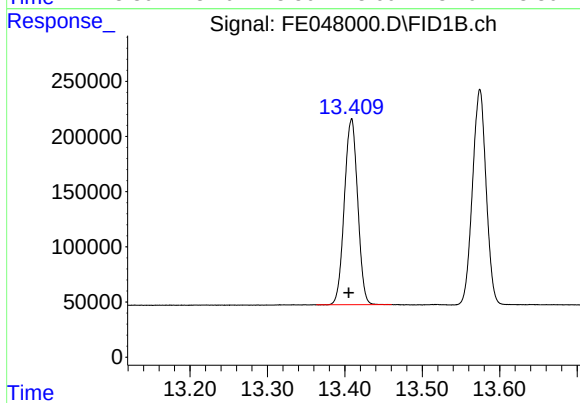
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: 0.003 min
Response: 2447518
Conc: 18.18 ug/ml



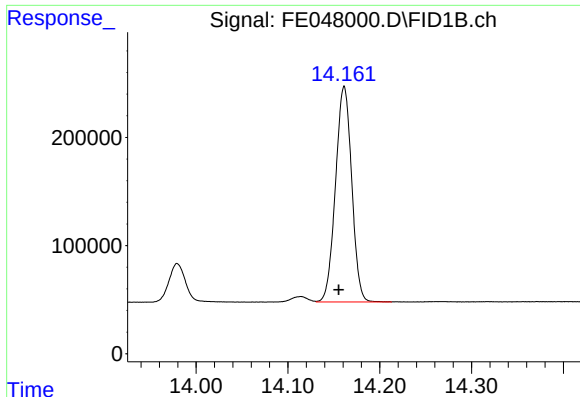
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.003 min
Response: 2388595
Conc: 18.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.004 min
Response: 2011637
Conc: 18.00 ug/ml



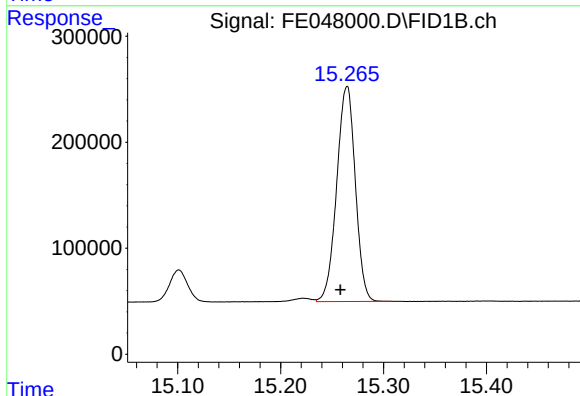
#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: 0.006 min
Response: 2444129
Conc: 18.44 ug/ml

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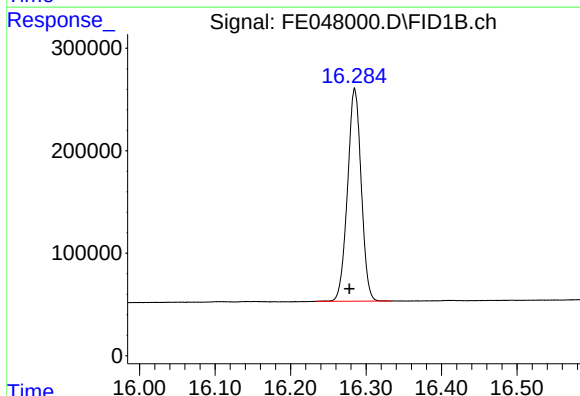
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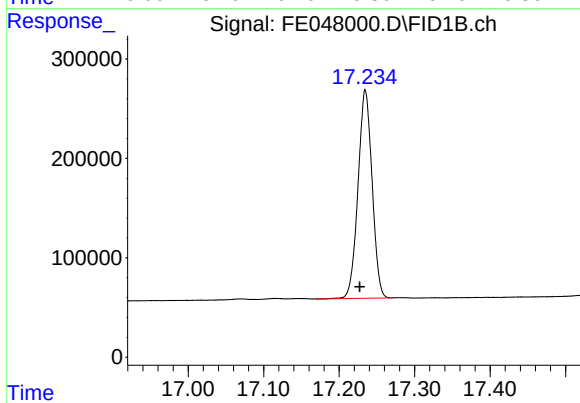
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.007 min
Response: 2550214
Conc: 19.15 ug/ml



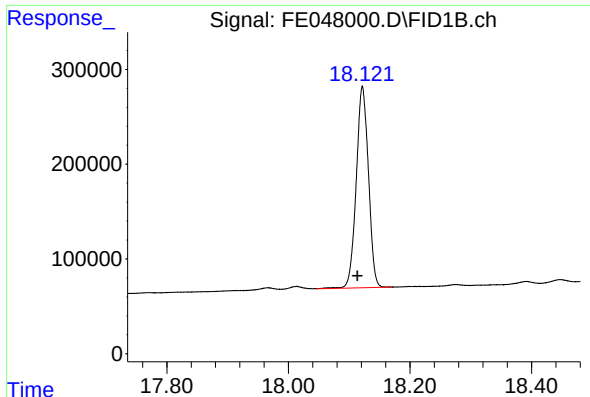
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.007 min
Response: 2617842
Conc: 19.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.235 min
Delta R.T.: 0.007 min
Response: 2713051
Conc: 20.38 ug/ml



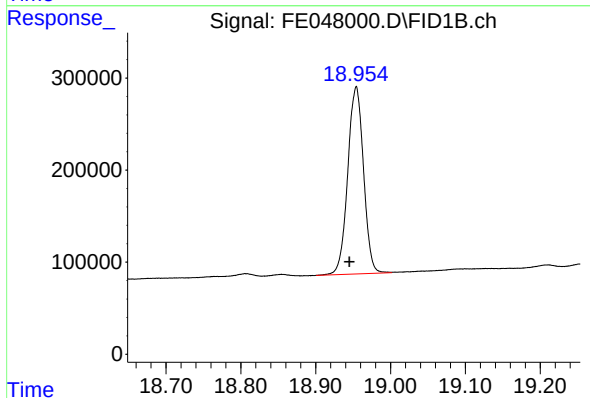
#17 n-Tricontane (C30)

R.T.: 18.122 min
Delta R.T.: 0.008 min
Response: 2963555
Conc: 21.47 ug/ml

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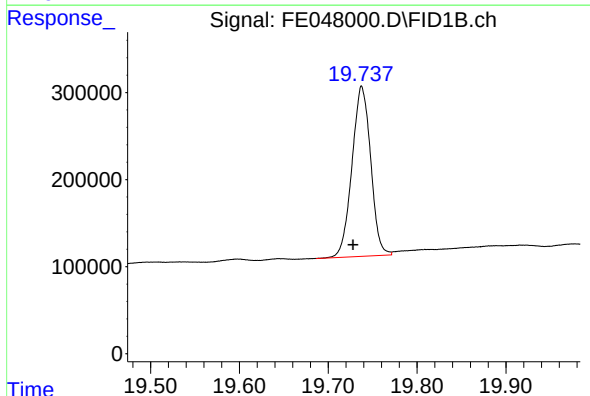
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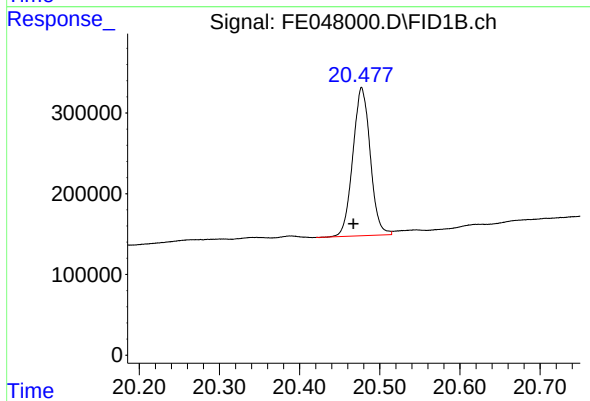
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.009 min
Response: 2980118
Conc: 21.58 ug/ml



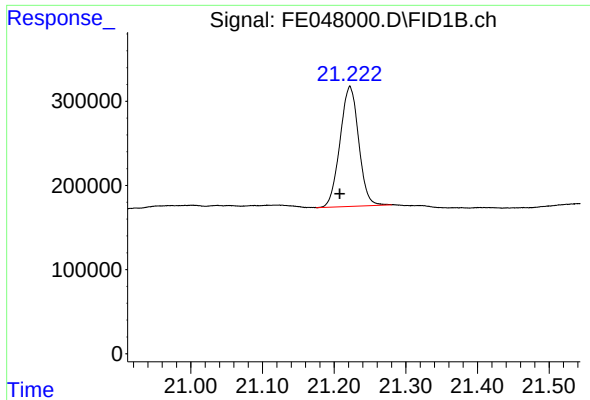
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.010 min
Response: 2855735
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: 0.010 min
Response: 2761782
Conc: 20.40 ug/ml



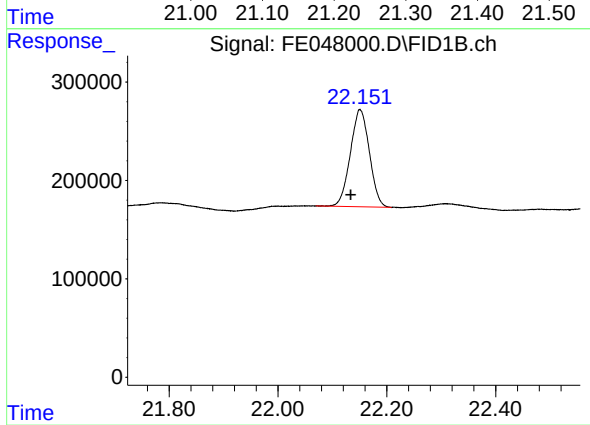
#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.014 min
Response: 2581571
Conc: 18.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.017 min
Response: 2405233
Conc: 17.26 ug/ml