

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060622AL\
 Data File : FC060113.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jun 2022 3:34
 Operator : UA/NP
 Sample : N3205-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 HR-02-060322MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: autoint1.e
 Quant Time: Jun 07 06:15:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

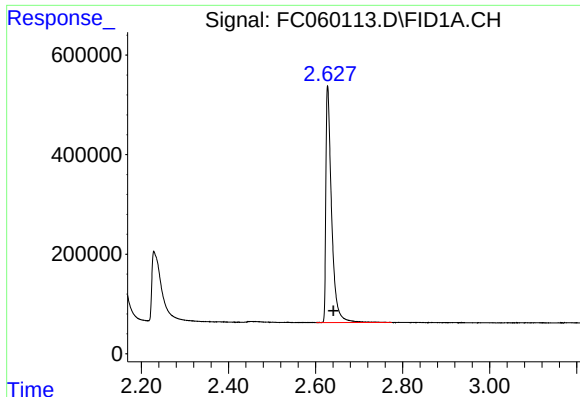
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.649	2086152	13.405 ug/ml
Spiked Amount 50.000		Recovery =	26.81%
12) S 1-chlorooctadecane (S...	12.016	1905861	15.371 ug/ml
Spiked Amount 50.000		Recovery =	30.74%
Target Compounds			
1) T n-Nonane (C9)	2.629	4352666	34.009 ug/ml
2) T n-Decane (C10)	3.626	4797129	37.498 ug/ml
3) T A~Naphthalene (C11.7)	5.160	6219491	43.030 ug/ml
4) T n-Dodecane (C12)	5.578	5756817	43.185 ug/ml
5) T A~2-methylnaphthalene...	6.185	6515901	44.396 ug/ml
6) T n-Tetradecane (C14)	7.332	6128357	44.892 ug/ml
7) T n-Hexadecane (C16)	8.895	6575176	46.862 ug/ml
8) T n-Octadecane (C18)	10.304	7187466	50.224 ug/ml
10) T n-Eicosane (C20)	11.585	7063515	49.509 ug/ml
11) T n-Heneicosane (C21)	12.182	7062798	49.274 ug/ml
13) T n-Docosane (C22)	12.756	6967558	48.896 ug/mlm
14) T n-Tetracosane (C24)	13.833	12563784	89.530 ug/mlm
15) T n-Hexacosane (C26)	14.833	6537410	48.277 ug/ml
16) T n-Octacosane (C28)	15.758	6792021	52.152 ug/ml
17) T n-Tricontane (C30)	16.627	5833527	47.650 ug/mlm
18) T n-Dotriacontane (C32)	17.438	5638908	50.575 ug/ml
19) T n-Tetratriacontane (C34)	18.202	5084949	49.855 ug/ml
20) T n-Hexatriacontane (C36)	18.924	4645740	49.058 ug/mlm
21) T n-Octatriacontane (C38)	19.608	4380757	47.482 ug/mlm
22) T n-Tetracontane (C40)	20.254	4315099	45.863 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



#1 n-Nonane (C9)

R.T.: 2.629 min
Delta R.T.: -0.012 min
Response: 4352666
Conc: 34.01 ug/ml

Instrument :

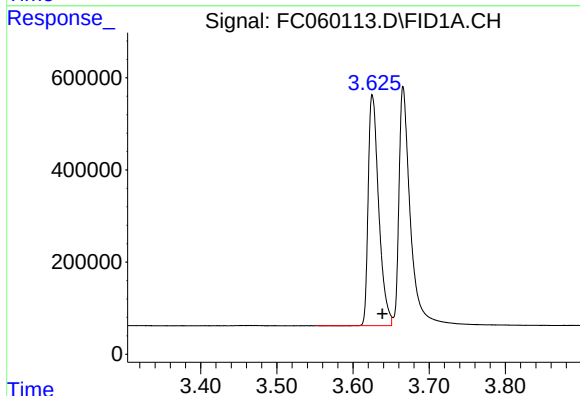
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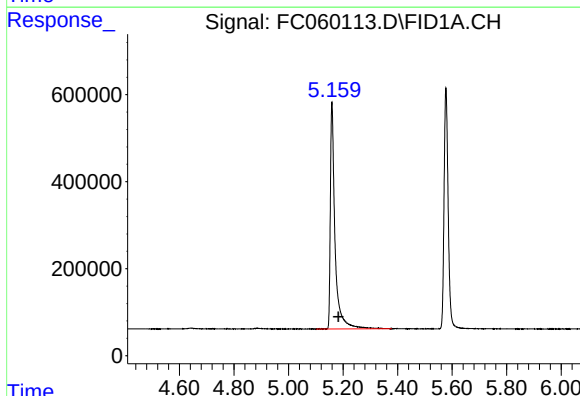
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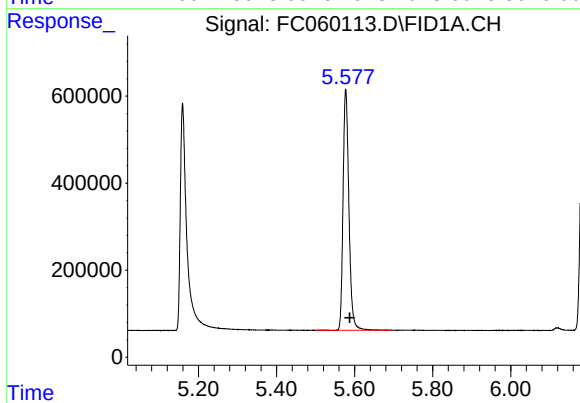
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.013 min
Response: 4797129
Conc: 37.50 ug/ml



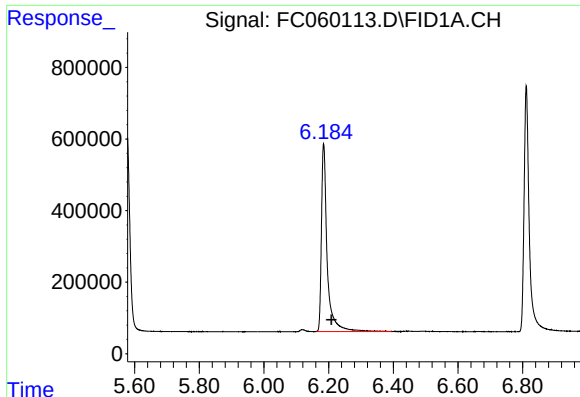
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.024 min
Response: 6219491
Conc: 43.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.578 min
Delta R.T.: -0.010 min
Response: 5756817
Conc: 43.19 ug/ml



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

R.T.: 6.185 min
Delta R.T.: -0.023 min
Response: 6515901
Conc: 44.40 ug/ml

Instrument :

FID_C

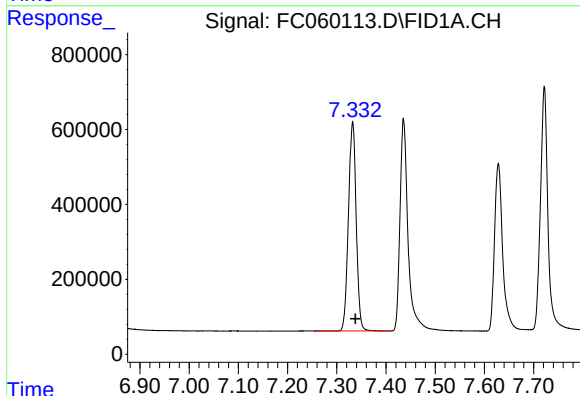
ClientSampleId :

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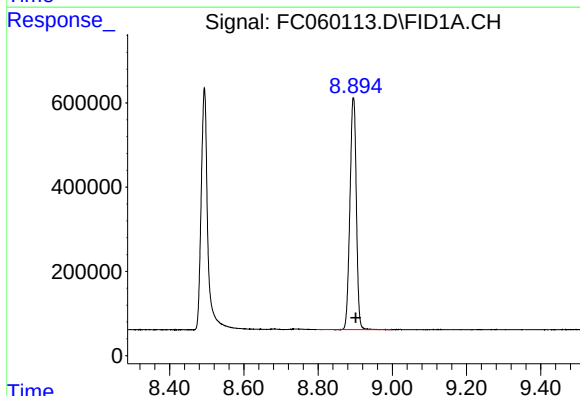
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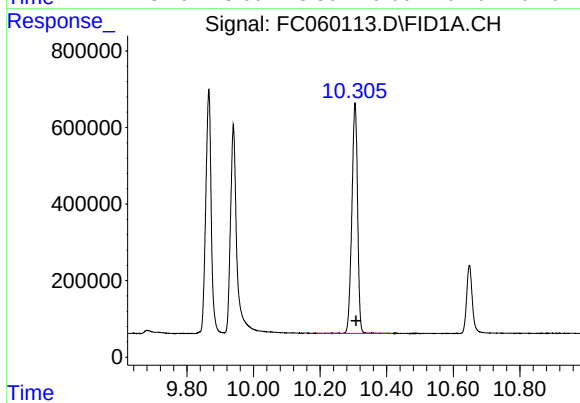
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 6128357
Conc: 44.89 ug/ml



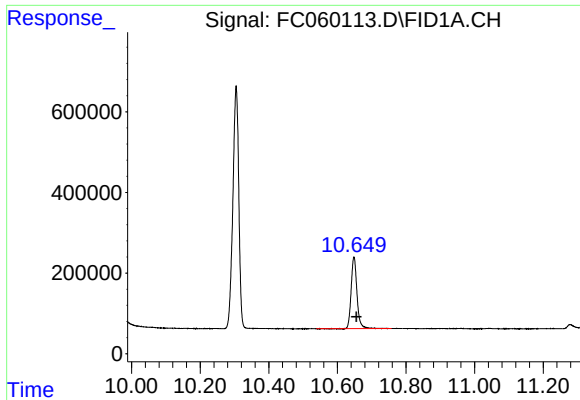
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.006 min
Response: 6575176
Conc: 46.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 7187466
Conc: 50.22 ug/ml



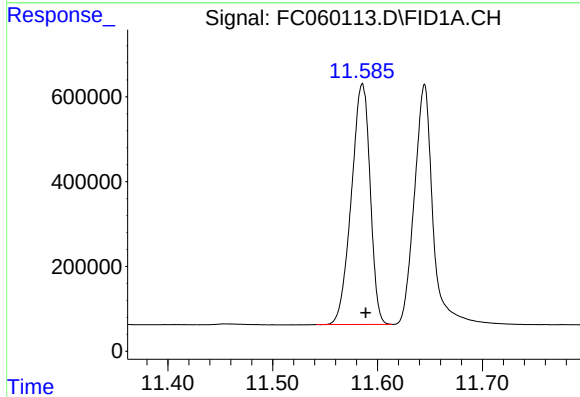
#9 ortho-Terphenyl (SURR)

R.T.: 10.649 min
Delta R.T.: -0.007 min
Response: 2086152
Conc: 13.41 ug/ml

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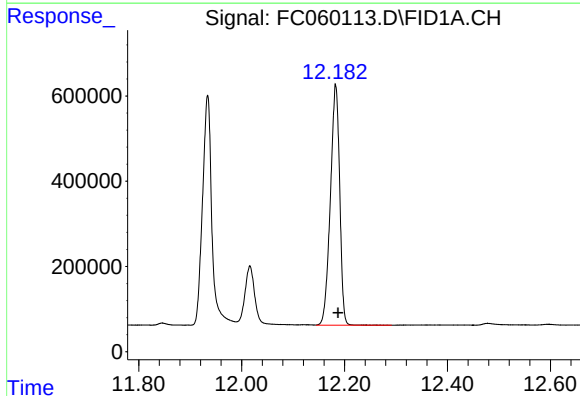
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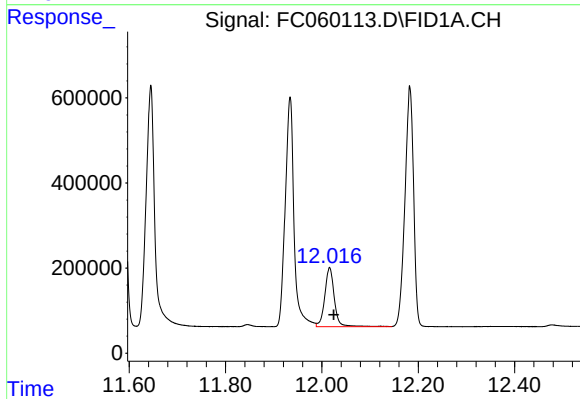
#10 n-Eicosane (C20)

R.T.: 11.585 min
Delta R.T.: -0.004 min
Response: 7063515
Conc: 49.51 ug/ml



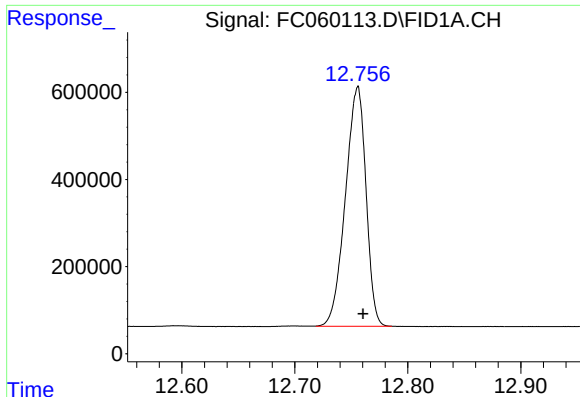
#11 n-Heneicosane (C21)

R.T.: 12.182 min
Delta R.T.: -0.006 min
Response: 7062798
Conc: 49.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.009 min
Response: 1905861
Conc: 15.37 ug/ml



#13 n-Docosane (C22)

R.T.: 12.756 min
Delta R.T.: -0.005 min
Response: 6967558
Conc: 48.90 ug/ml

Instrument :

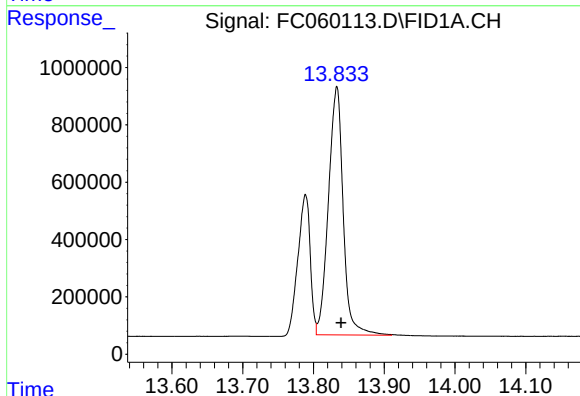
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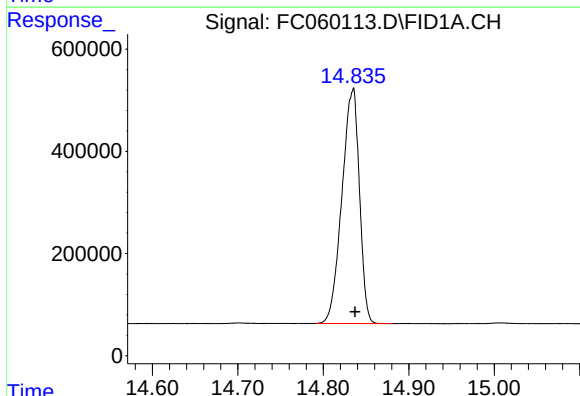
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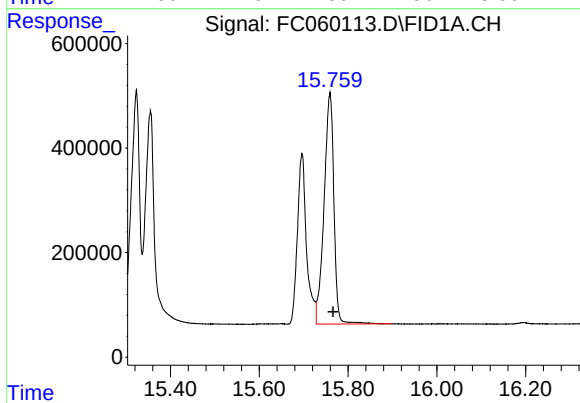
#14 n-Tetracosane (C24)

R.T.: 13.833 min
Delta R.T.: -0.007 min
Response: 12563784
Conc: 89.53 ug/ml m



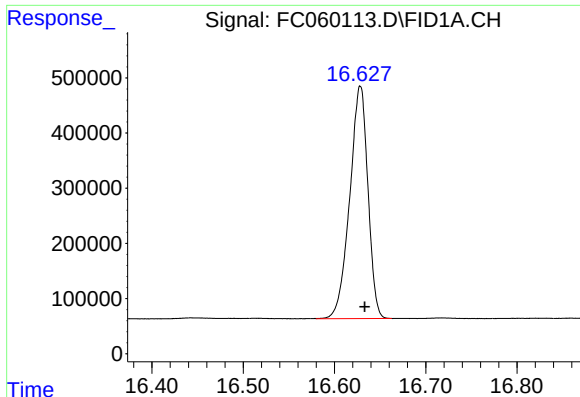
#15 n-Hexacosane (C26)

R.T.: 14.833 min
Delta R.T.: -0.004 min
Response: 6537410
Conc: 48.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.758 min
Delta R.T.: -0.008 min
Response: 6792021
Conc: 52.15 ug/ml



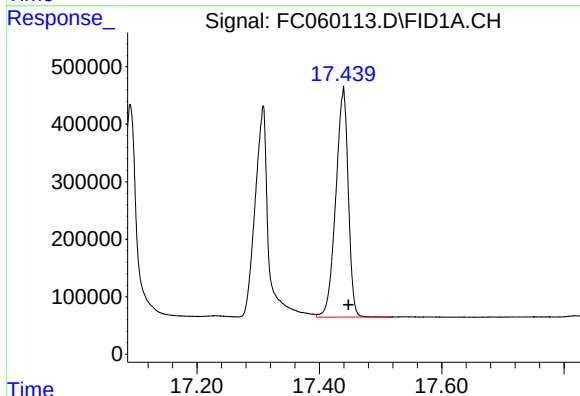
#17 n-Tricontane (C30)

R.T.: 16.627 min
Delta R.T.: -0.006 min
Response: 5833527
Conc: 47.65 ug/ml

Instrument :
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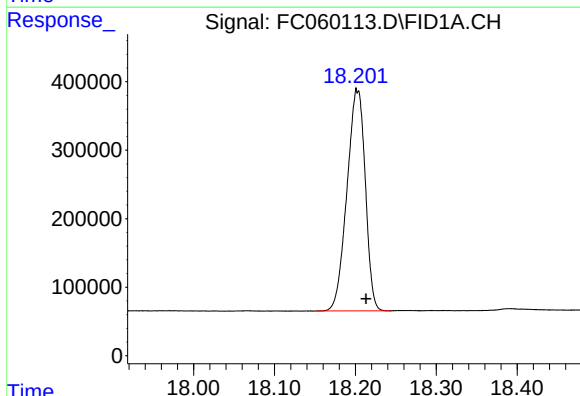
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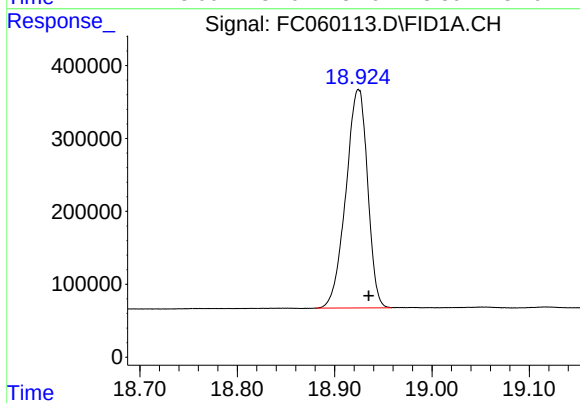
#18 n-Dotriacontane (C32)

R.T.: 17.438 min
Delta R.T.: -0.009 min
Response: 5638908
Conc: 50.58 ug/ml



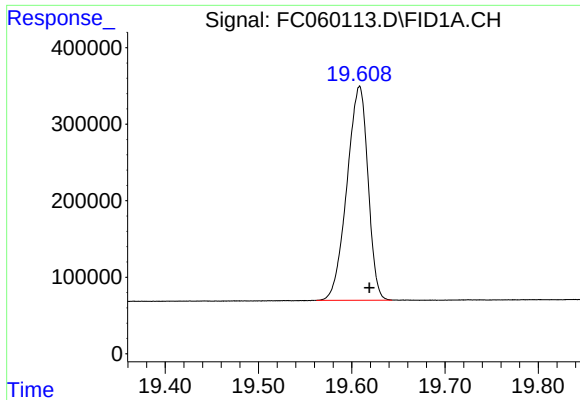
#19 n-Tetratriacontane (C34)

R.T.: 18.202 min
Delta R.T.: -0.011 min
Response: 5084949
Conc: 49.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.924 min
Delta R.T.: -0.011 min
Response: 4645740
Conc: 49.06 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.608 min
Delta R.T.: -0.011 min
Response: 4380757
Conc: 47.48 ug/ml

Instrument :

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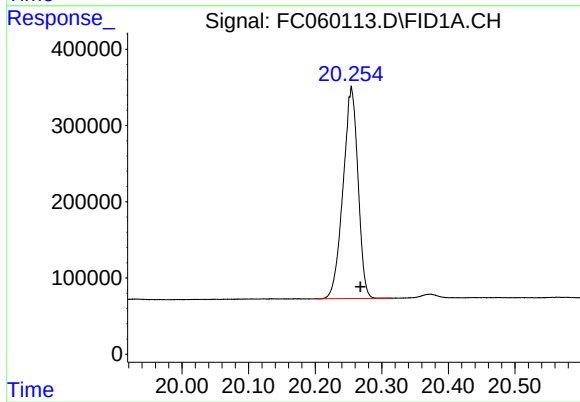
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#22 n-Tetracontane (C40)

R.T.: 20.254 min
Delta R.T.: -0.014 min
Response: 4315099
Conc: 45.86 ug/ml