

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033021AL\
 Data File : FC052878.D
 Signal(s) : FID1A.CH
 Acq On : 31 Mar 2021 12:11
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 31 12:35:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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)	11.561	2467442	18.408 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
12) S 1-chlorooctadecane (S...	13.000	1915416	17.759 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
Target Compounds			
1) T n-Nonane (C9)	3.319	2455633	21.142 ug/ml
2) T n-Decane (C10)	4.385	2494943	21.291 ug/ml
3) T A~Naphthalene (C11.7)	5.971	2752252	21.021 ug/ml
4) T n-Dodecane (C12)	6.404	2540714	21.161 ug/ml
5) T A~2-methylnaphthalene...	7.028	2780615	20.773 ug/ml
6) T n-Tetradecane (C14)	8.202	2514442	20.790 ug/ml
7) T n-Hexadecane (C16)	9.803	2431803	20.219 ug/ml
8) T n-Octadecane (C18)	11.245	2425273	19.222 ug/ml
10) T n-Eicosane (C20)	12.554	2325013	18.208 ug/ml
11) T n-Heneicosane (C21)	13.167	2258004	17.765 ug/ml
13) T n-Docosane (C22)	13.753	2199667	17.364 ug/ml
14) T n-Tetracosane (C24)	14.857	2093554	16.759 ug/ml
15) T n-Hexacosane (C26)	15.877	2004685	16.649 ug/ml
16) T n-Octacosane (C28)	16.826	1963068	17.027 ug/ml
17) T n-Tricontane (C30)	17.713	1960863	17.998 ug/ml
18) T n-Dotriacontane (C32)	18.544	1948029	19.414 ug/ml
19) T n-Tetratriacontane (C34)	19.328	1926443	20.958 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1885990	20.682 ug/ml
21) T n-Octatriacontane (C38)	20.799	1845756	22.615 ug/ml
22) T n-Tetracontane (C40)	21.704	1949661	22.634 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

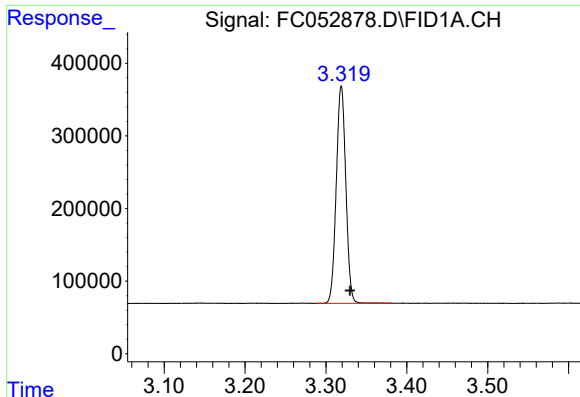
```
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033021AL\
Data File : FC052878.D
Signal(s) : FID1A.CH
Acq On    : 31 Mar 2021 12:11
Operator  : DD\AJ
Sample    : 20 PPM ALIPHATIC HC STD
Misc      :
ALS Vial  : 2    Sample Multiplier: 1
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Signal: FC052878.D\FID1A.CH

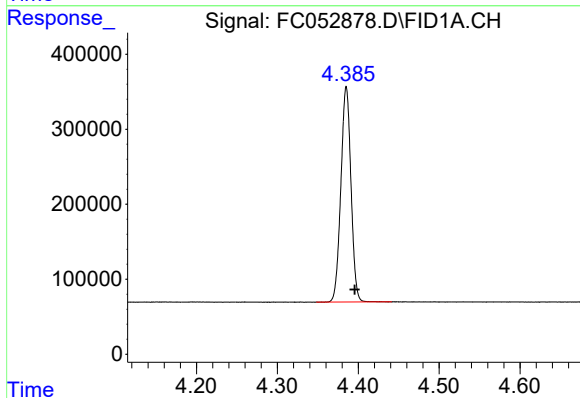
Retention Time (min)	Approximate Response
3.319	370,000
4.385	360,000
5.971	370,000
6.404	330,000
7.028	360,000
8.202	320,000
9.803	290,000
11.245	290,000
11.561	300,000
12.554	270,000
12.999	240,000
13.166	260,000
13.752	250,000
14.857	230,000
15.877	230,000
16.826	220,000
17.712	220,000
18.545	220,000
19.326	220,000
20.067	230,000
20.800	210,000
21.703	180,000



#1 n-Nonane (C9)

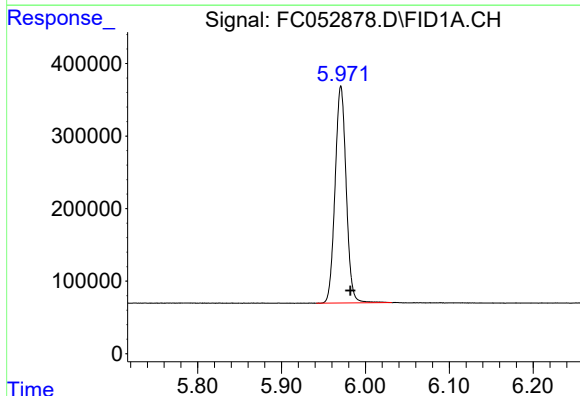
R.T.: 3.319 min
Delta R.T.: -0.011 min
Response: 2455633
Conc: 21.14 ug/ml

Instrument :
FID_C
ClientSampleId :



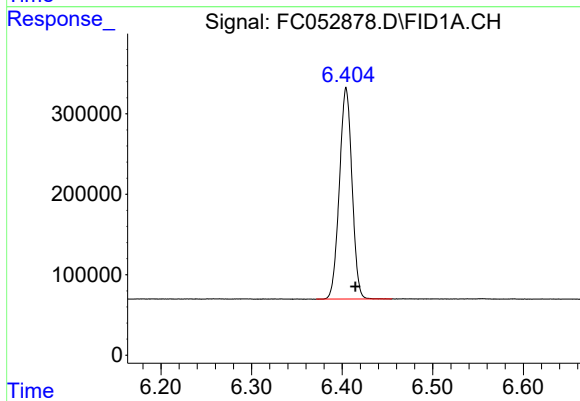
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.011 min
Response: 2494943
Conc: 21.29 ug/ml



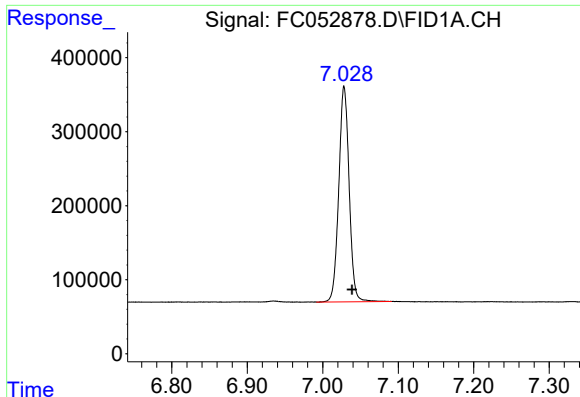
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.011 min
Response: 2752252
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

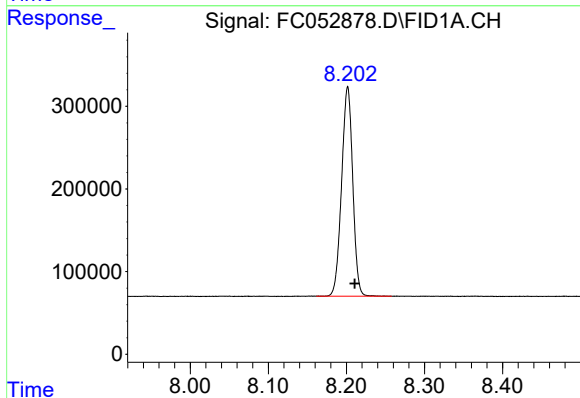
R.T.: 6.404 min
Delta R.T.: -0.010 min
Response: 2540714
Conc: 21.16 ug/ml



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

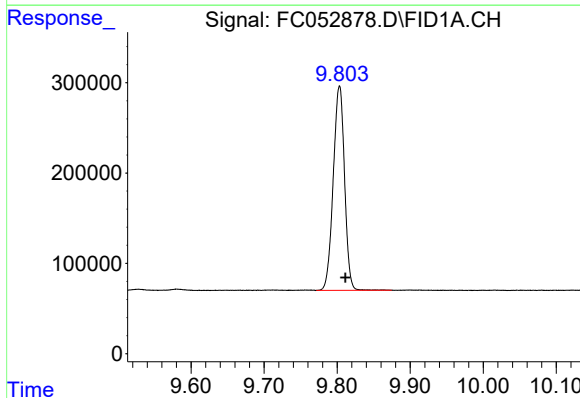
R.T.: 7.028 min
Delta R.T.: -0.010 min
Response: 2780615
Conc: 20.77 ug/ml

Instrument :
FID_C
ClientSampleId :



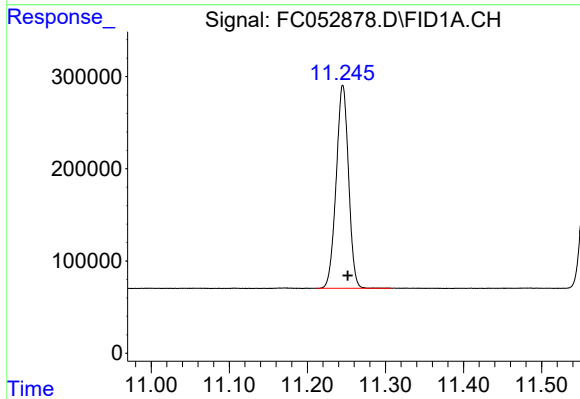
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: -0.009 min
Response: 2514442
Conc: 20.79 ug/ml



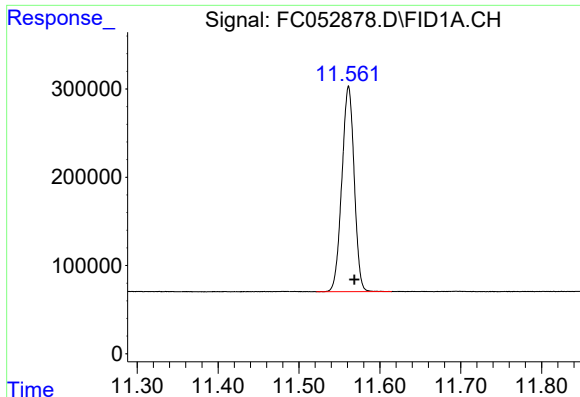
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: -0.008 min
Response: 2431803
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

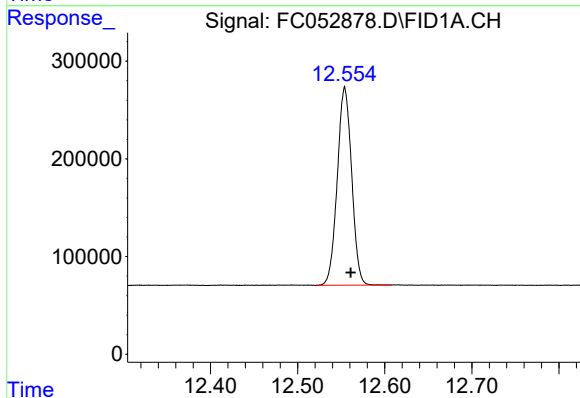
R.T.: 11.245 min
Delta R.T.: -0.006 min
Response: 2425273
Conc: 19.22 ug/ml



#9 ortho-Terphenyl (SURR)

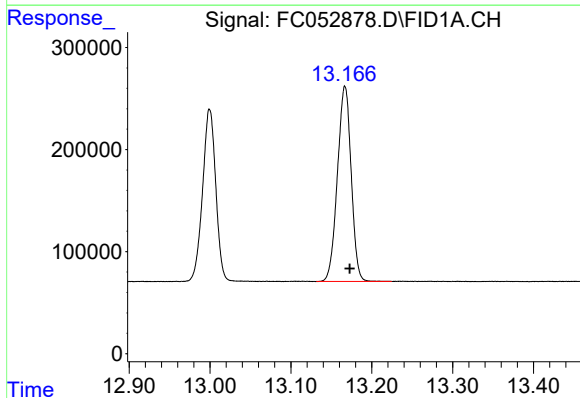
R.T.: 11.561 min
Delta R.T.: -0.007 min
Response: 2467442
Conc: 18.41 ug/ml

Instrument :
FID_C
ClientSampleId :



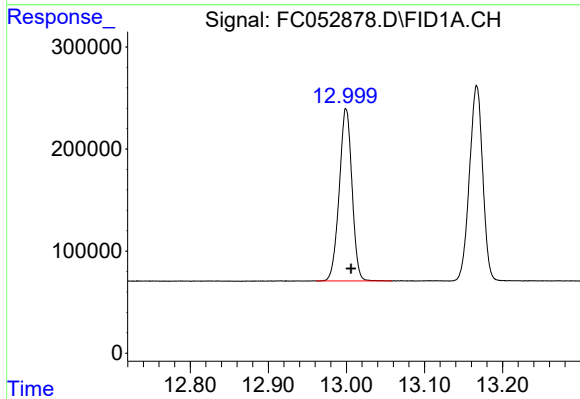
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: -0.007 min
Response: 2325013
Conc: 18.21 ug/ml



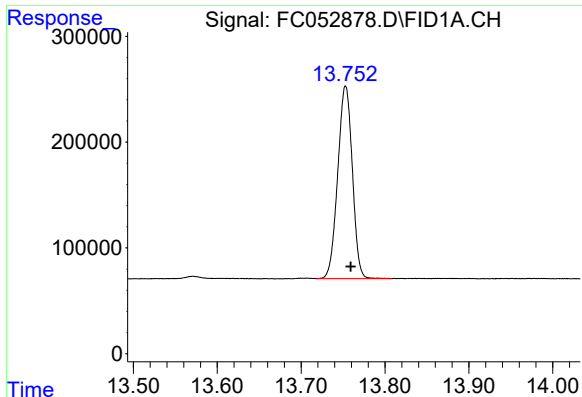
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.006 min
Response: 2258004
Conc: 17.76 ug/ml



#12 1-chlorooctadecane (SURR)

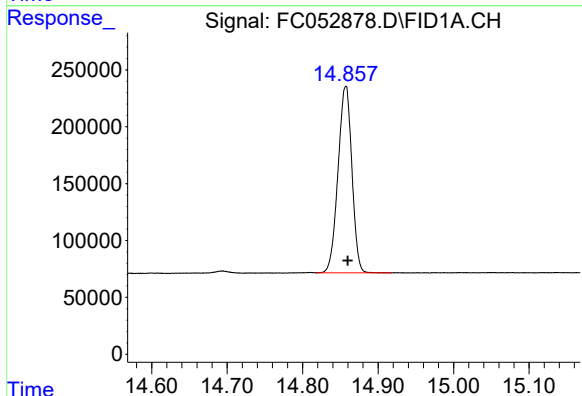
R.T.: 13.000 min
Delta R.T.: -0.006 min
Response: 1915416
Conc: 17.76 ug/ml



#13 n-Docosane (C22)

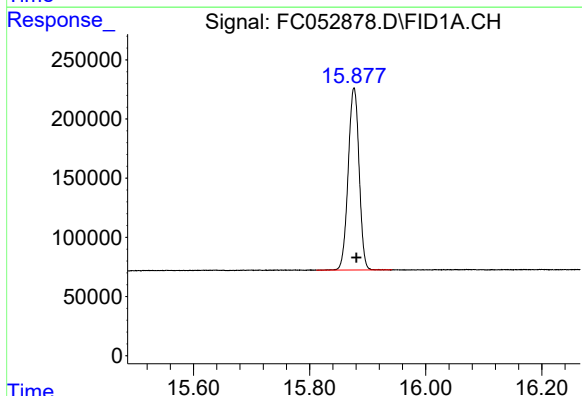
R.T.: 13.753 min
Delta R.T.: -0.006 min
Response: 2199667
Conc: 17.36 ug/ml

Instrument :
FID_C
ClientSampleId :



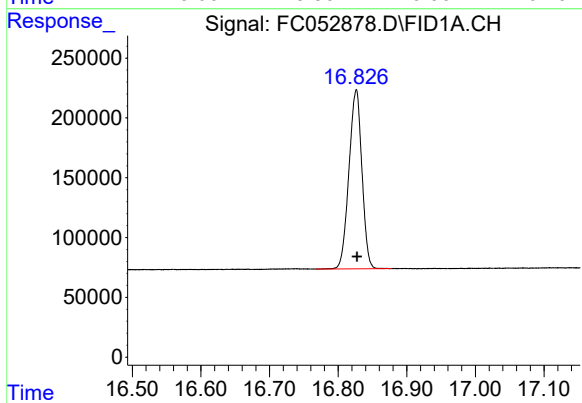
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.003 min
Response: 2093554
Conc: 16.76 ug/ml



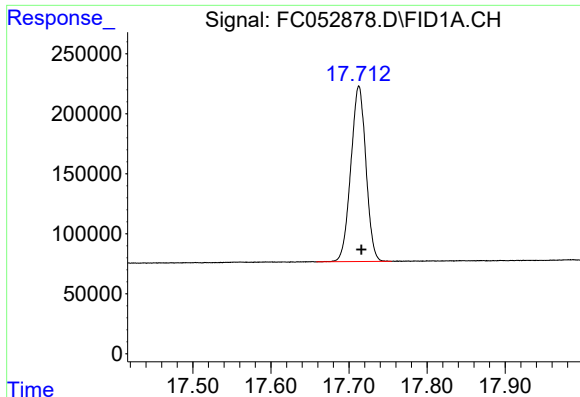
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.004 min
Response: 2004685
Conc: 16.65 ug/ml



#16 n-Octacosane (C28)

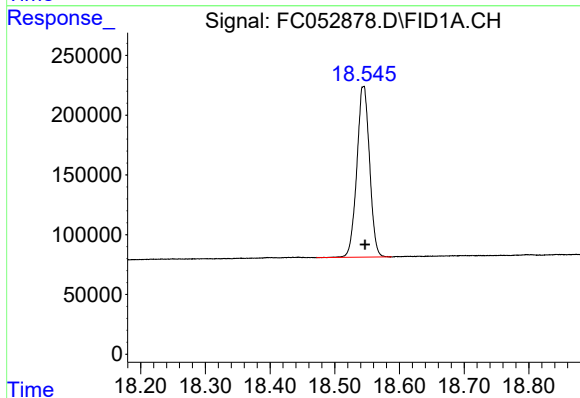
R.T.: 16.826 min
Delta R.T.: -0.002 min
Response: 1963068
Conc: 17.03 ug/ml



#17 n-Tricontane (C30)

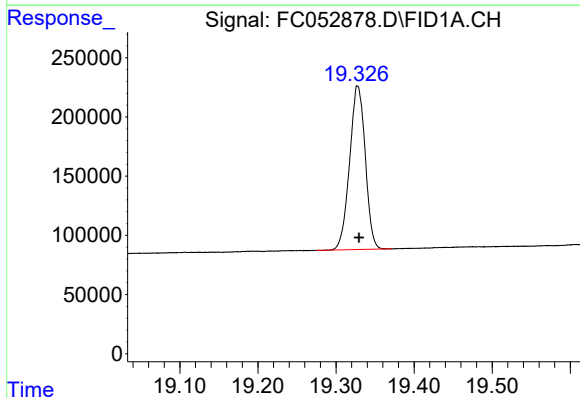
R.T.: 17.713 min
Delta R.T.: -0.003 min
Response: 1960863
Conc: 18.00 ug/ml

Instrument :
FID_C
ClientSampleId :



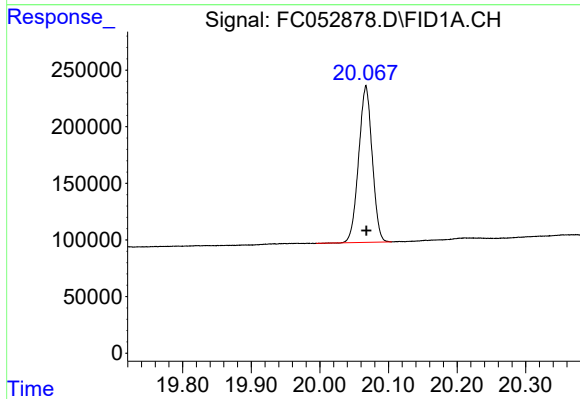
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.003 min
Response: 1948029
Conc: 19.41 ug/ml



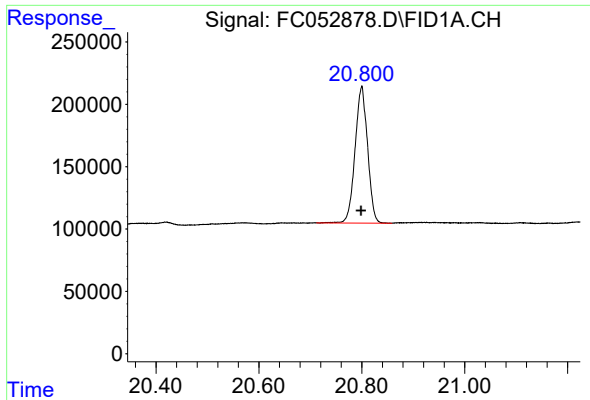
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.001 min
Response: 1926443
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

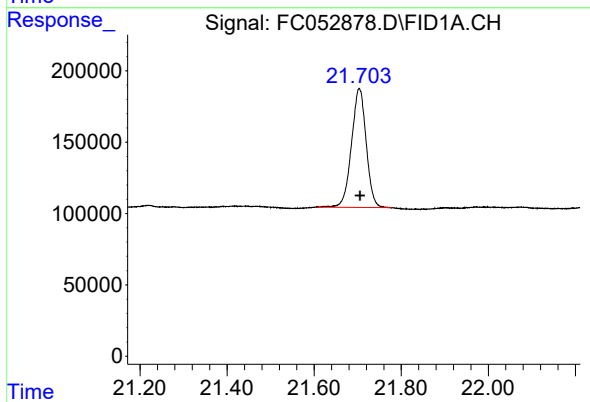
R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 1885990
Conc: 20.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.000 min
Response: 1845756
Conc: 22.62 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.704 min
Delta R.T.: -0.001 min
Response: 1949661
Conc: 22.63 ug/ml