

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092523AL\
 Data File : FE044420.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2023 11:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 25 12:00:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 Response via : Initial Calibration
 Integrator: ChemStation

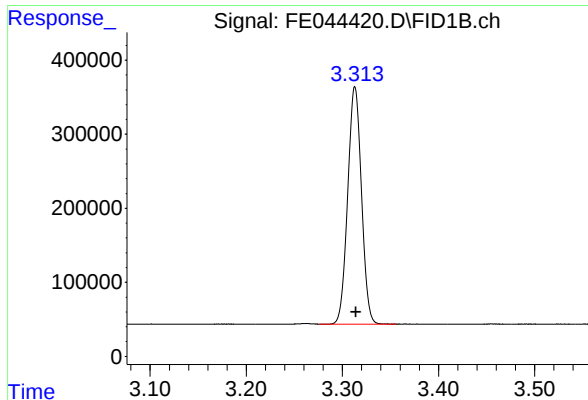
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.925	3730130	19.869 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
12) S 1-chlorooctadecane (S...	13.364	2708565	19.910 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
Target Compounds			
1) T n-Nonane (C9)	3.313	3187904	19.636 ug/ml
2) T n-Decane (C10)	4.565	3253561	19.648 ug/ml
3) T A~Naphthalene (C11.7)	6.265	3527865	19.732 ug/ml
4) T n-Dodecane (C12)	6.728	3272157	19.672 ug/ml
5) T A~2-methylnaphthalene...	7.361	3385879	19.790 ug/ml
6) T n-Tetradecane (C14)	8.555	3241700	19.746 ug/ml
7) T n-Hexadecane (C16)	10.163	3346768	19.756 ug/ml
8) T n-Octadecane (C18)	11.608	3374185	19.873 ug/ml
10) T n-Eicosane (C20)	12.919	3191641	19.837 ug/ml
11) T n-Heneicosane (C21)	13.531	3109632	19.859 ug/ml
13) T n-Docosane (C22)	14.119	3060261	19.842 ug/ml
14) T n-Tetracosane (C24)	15.222	3000136	19.847 ug/ml
15) T n-Hexacosane (C26)	16.244	2921022	19.858 ug/ml
16) T n-Octacosane (C28)	17.196	2844948	19.836 ug/ml
17) T n-Tricontane (C30)	18.085	2954245	19.930 ug/ml
18) T n-Dotriacontane (C32)	18.918	2963205	20.017 ug/ml
19) T n-Tetratriacontane (C34)	19.703	2908498	19.902 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2872303	19.802 ug/ml
21) T n-Octatriacontane (C38)	21.188	2946117	19.668 ug/ml
22) T n-Tetracontane (C40)	22.112	3016366	19.114 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



#1 n-Nonane (C9)

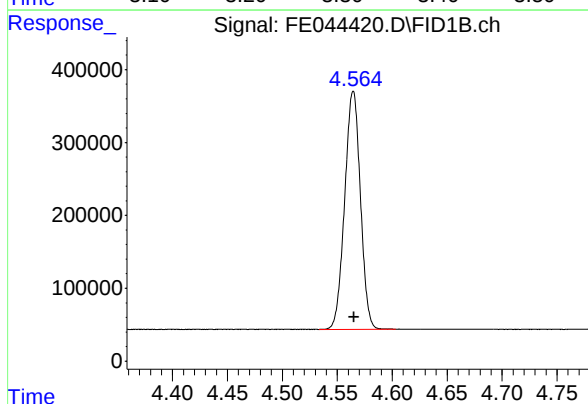
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 3187904
Conc: 19.64 ug/ml

Instrument :

FID_E

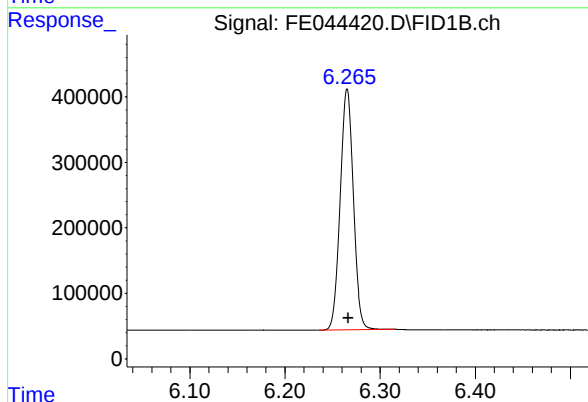
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



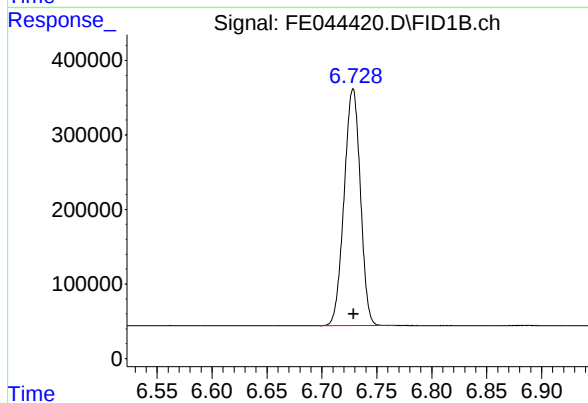
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 3253561
Conc: 19.65 ug/ml



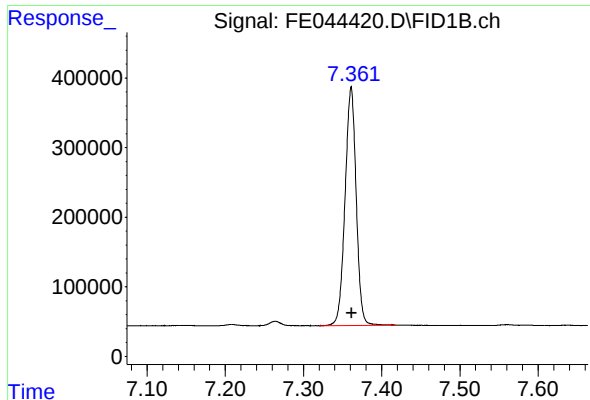
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: -0.001 min
Response: 3527865
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 3272157
Conc: 19.67 ug/ml



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

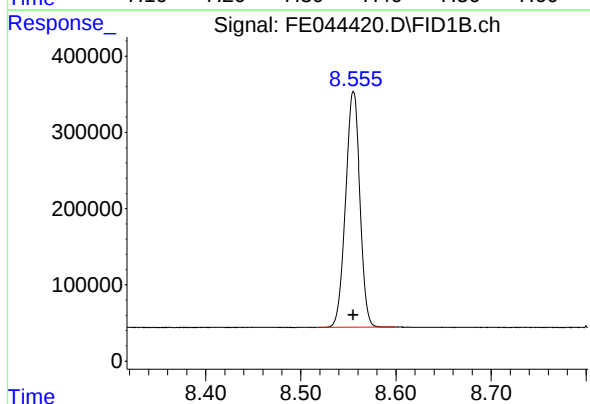
R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 3385879
Conc: 19.79 ug/ml

Instrument :

FID_E

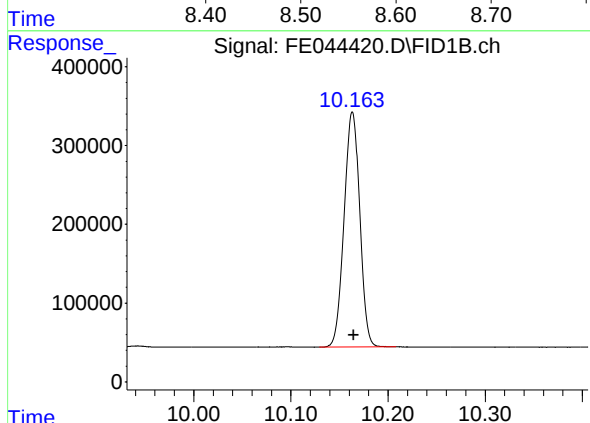
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



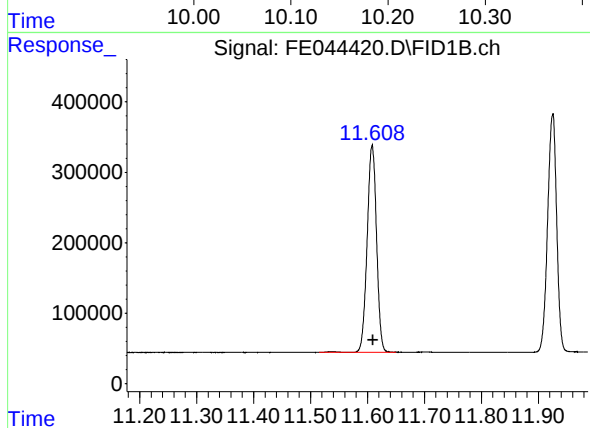
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 3241700
Conc: 19.75 ug/ml



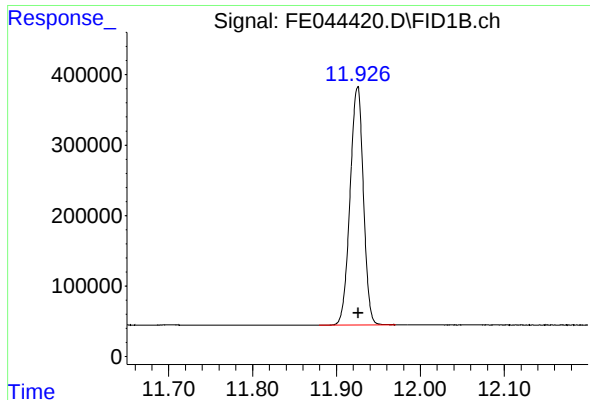
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: -0.001 min
Response: 3346768
Conc: 19.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.001 min
Response: 3374185
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

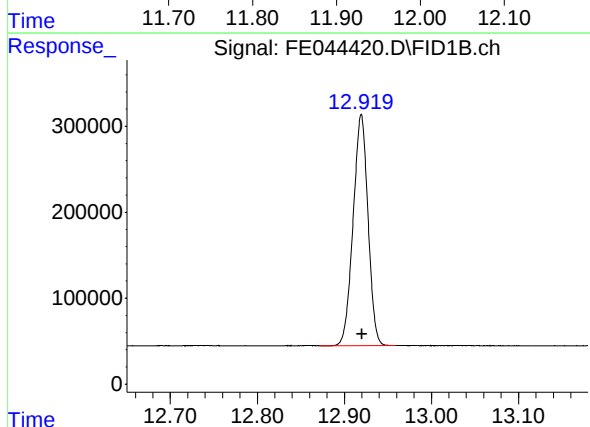
R.T.: 11.925 min
Delta R.T.: 0.000 min
Response: 3730130
Conc: 19.87 ug/ml

Instrument :

FID_E

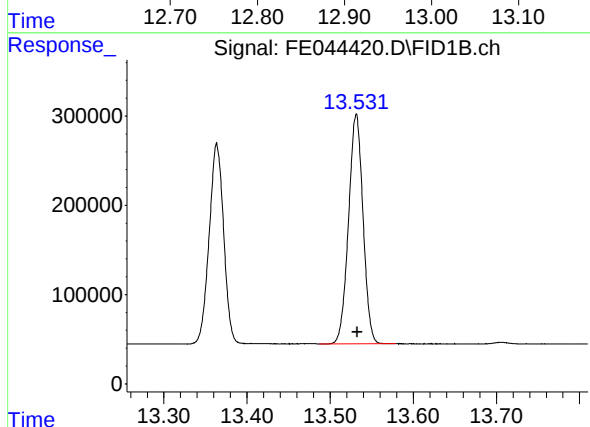
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



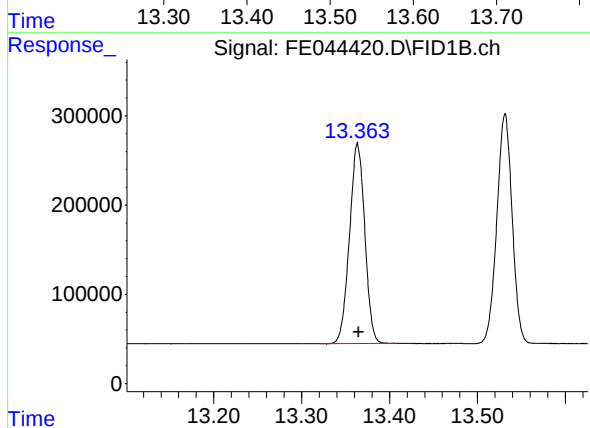
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.000 min
Response: 3191641
Conc: 19.84 ug/ml



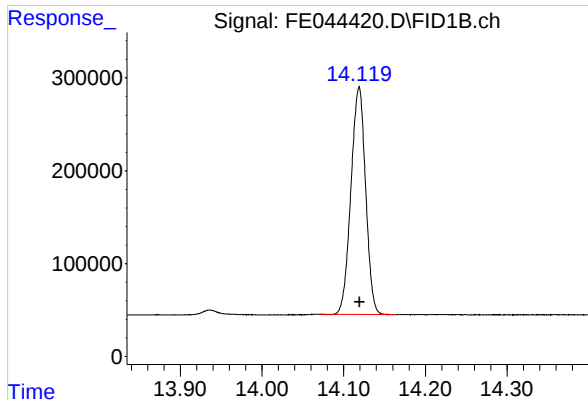
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.001 min
Response: 3109632
Conc: 19.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: -0.002 min
Response: 2708565
Conc: 19.91 ug/ml



#13 n-Docosane (C22)

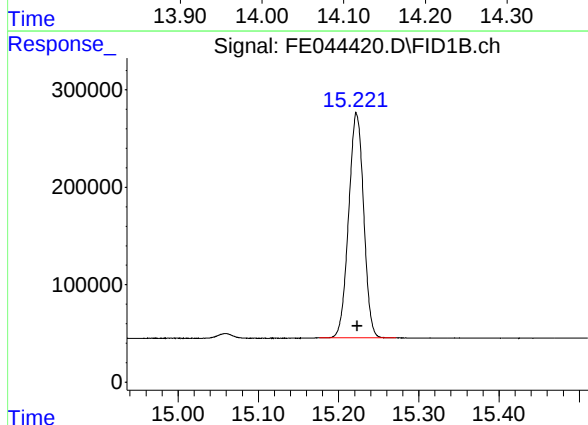
R.T.: 14.119 min
Delta R.T.: 0.000 min
Response: 3060261
Conc: 19.84 ug/ml

Instrument :

FID_E

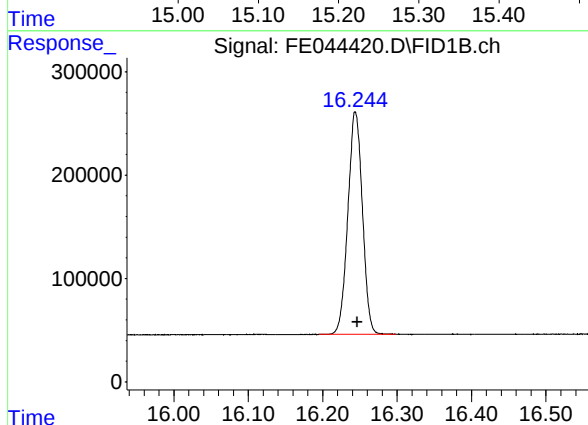
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



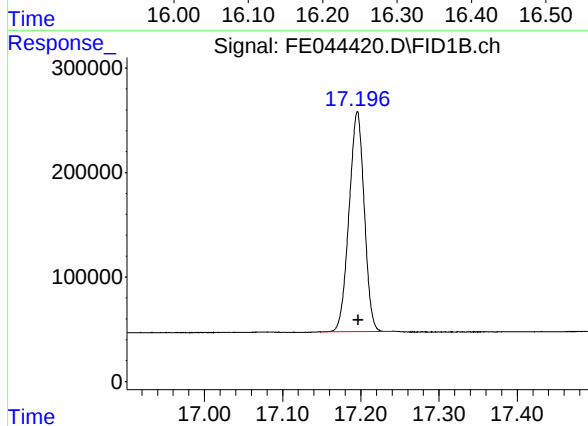
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.001 min
Response: 3000136
Conc: 19.85 ug/ml



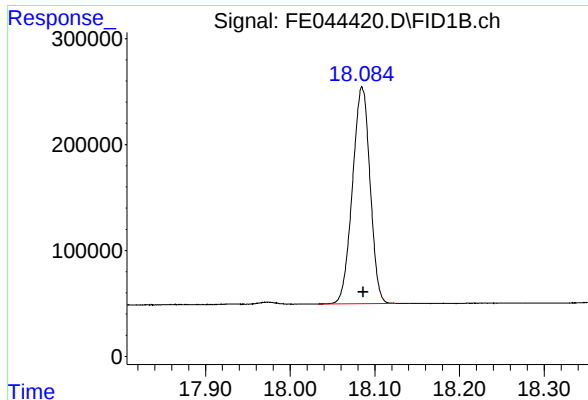
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: -0.002 min
Response: 2921022
Conc: 19.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: -0.001 min
Response: 2844948
Conc: 19.84 ug/ml



#17 n-Tricontane (C30)

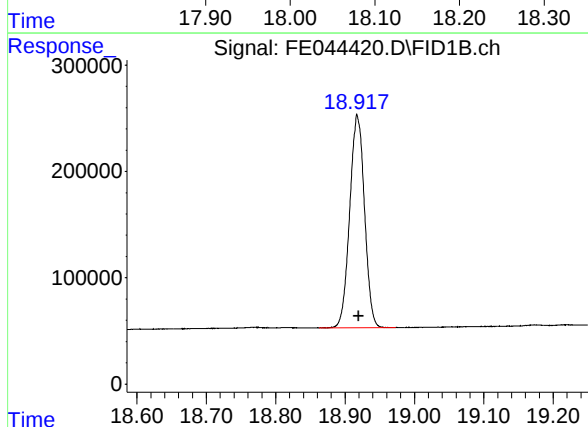
R.T.: 18.085 min
Delta R.T.: -0.001 min
Response: 2954245
Conc: 19.93 ug/ml

Instrument :

FID_E

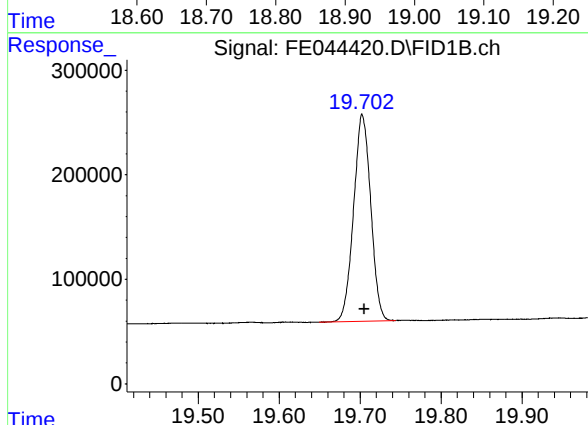
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



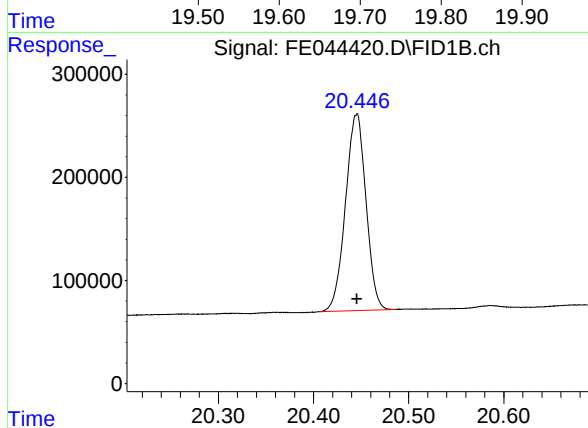
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.002 min
Response: 2963205
Conc: 20.02 ug/ml



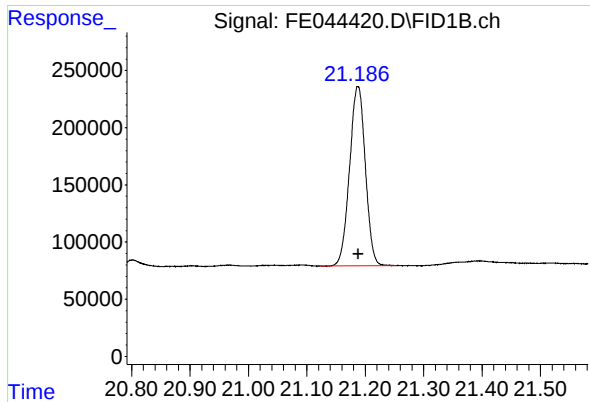
#19 n-Tetatriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.002 min
Response: 2908498
Conc: 19.90 ug/ml



#20 n-Hexatriacontane (C36)

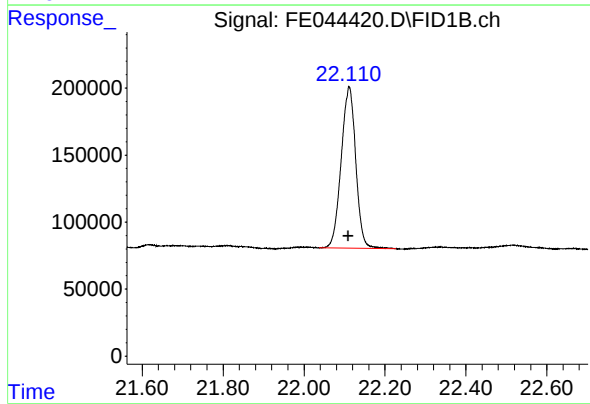
R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 2872303
Conc: 19.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.000 min
Response: 2946117
Conc: 19.67 ug/ml

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FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: 0.002 min
Response: 3016366
Conc: 19.11 ug/ml