

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101123AL\
 Data File : FE044783.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2023 16:41
 Operator : YP\AJ
 Sample : 04825-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 12 00:38:35 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)	11.916	5206616	27.733 ug/ml
Spiked Amount 50.000		Recovery =	55.47%
12) S 1-chlorooctadecane (S...	13.359	4206981	30.924 ug/ml
Spiked Amount 50.000		Recovery =	61.85%
Target Compounds			
6) T n-Tetradecane (C14)	8.506	62974	0.384 ug/ml
7) T n-Hexadecane (C16)	10.153	74535	0.440 ug/ml
8) T n-Octadecane (C18)	11.598	114644	0.675 ug/ml
10) T n-Eicosane (C20)	12.913	271948	1.690 ug/ml
11) T n-Heneicosane (C21)	13.526	332816	2.125 ug/ml
13) T n-Docosane (C22)	14.113	501418	3.251 ug/ml
14) T n-Tetracosane (C24)	15.217	435857	2.883 ug/ml
15) T n-Hexacosane (C26)	16.242	553509	3.763 ug/ml
16) T n-Octacosane (C28)	17.194	720570	5.024 ug/ml
17) T n-Tricontane (C30)	18.084	805454	5.434 ug/ml
18) T n-Dotriacontane (C32)	18.921	972481	6.569 ug/ml
19) T n-Tetratriacontane (C34)	19.708	909766	6.225 ug/ml
20) T n-Hexatriacontane (C36)	20.452	729532	5.029 ug/ml
21) T n-Octatriacontane (C38)	21.212	1787330	11.932 ug/ml
22) T n-Tetracontane (C40)	22.101	28821	0.183 ug/ml

(f)=RT Delta > 1/2 Window

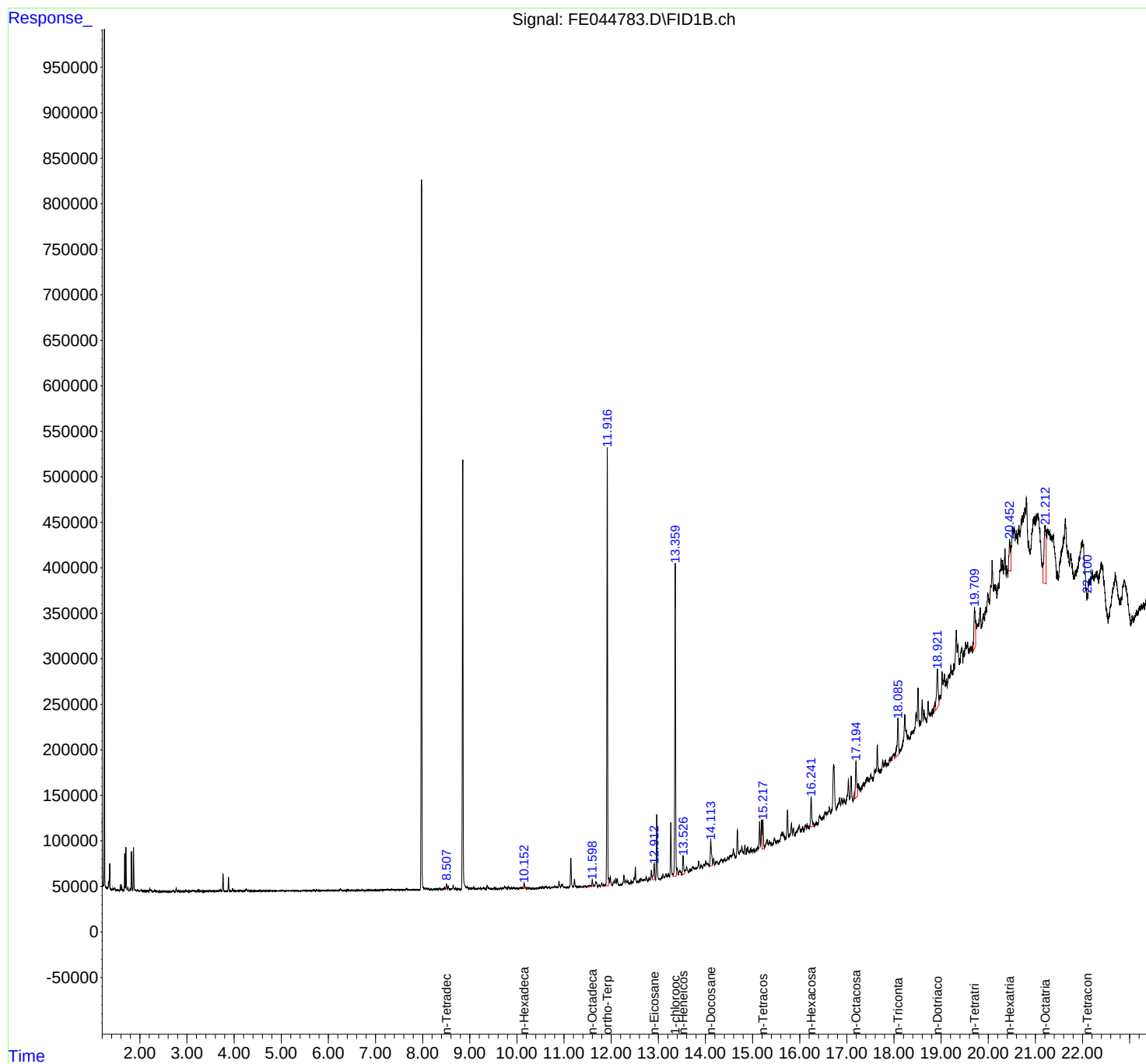
(m)=manual int.

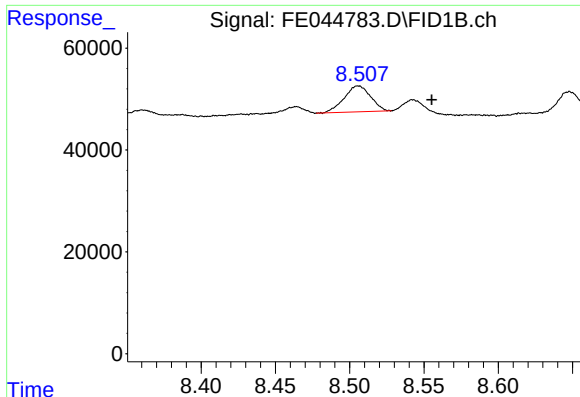
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Signal Info : 20M x 0.18mm x 0.18um

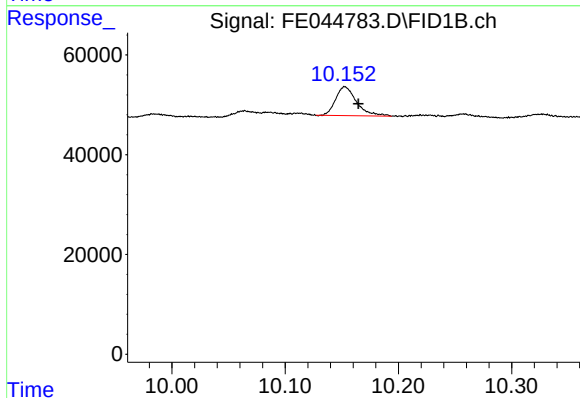




#6 n-Tetradecane (C14)

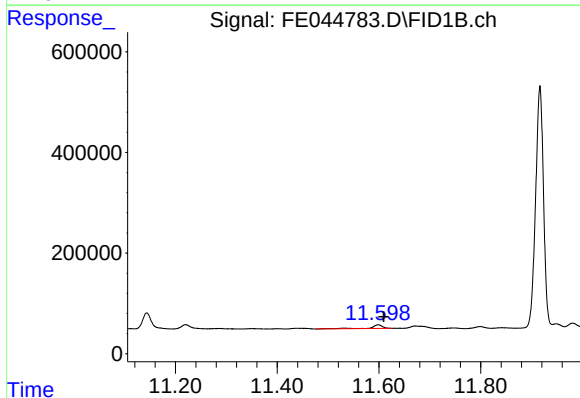
R.T.: 8.506 min
Delta R.T.: -0.049 min
Response: 62974
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :



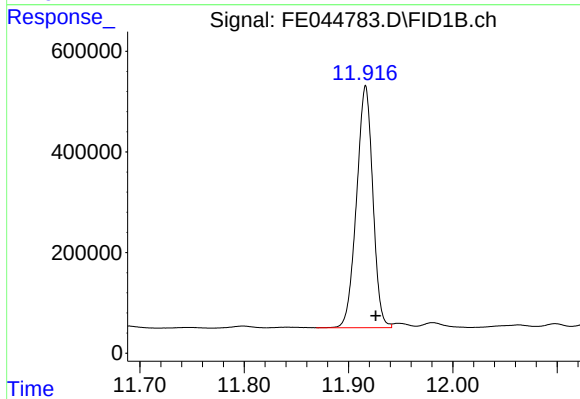
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: -0.012 min
Response: 74535
Conc: 0.44 ug/ml



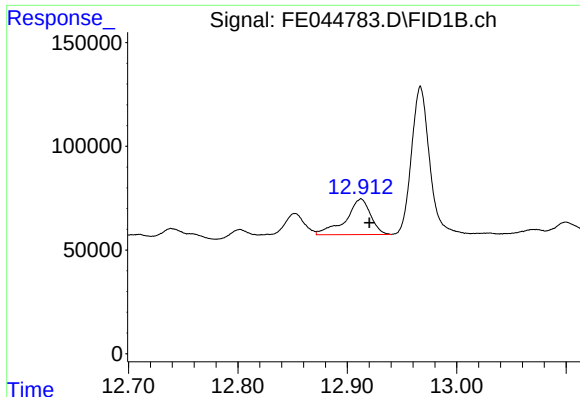
#8 n-Octadecane (C18)

R.T.: 11.598 min
Delta R.T.: -0.011 min
Response: 114644
Conc: 0.68 ug/ml



#9 ortho-Terphenyl (SURR)

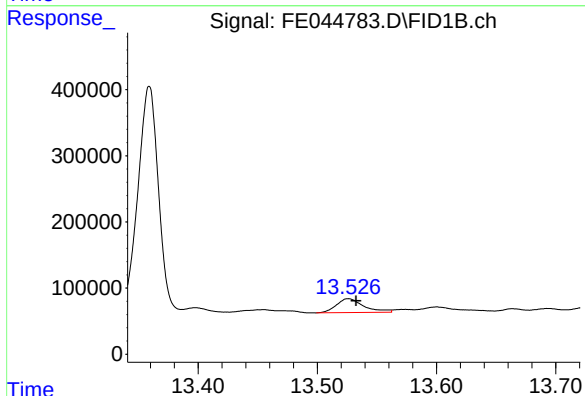
R.T.: 11.916 min
Delta R.T.: -0.010 min
Response: 5206616
Conc: 27.73 ug/ml



#10 n-Eicosane (C20)

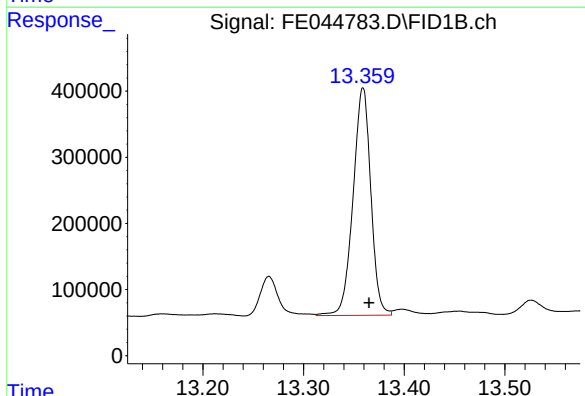
R.T.: 12.913 min
Delta R.T.: -0.008 min
Response: 271948
Conc: 1.69 ug/ml

Instrument :
FID_E
ClientSampleId :



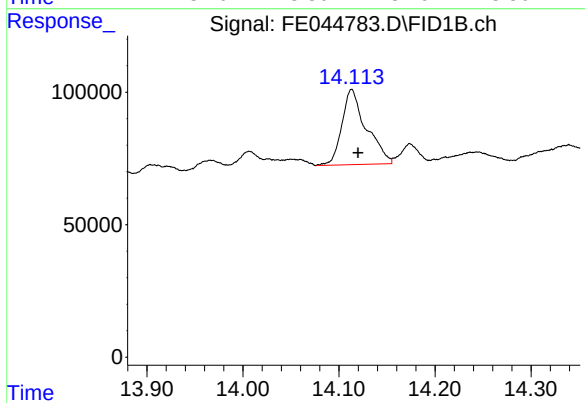
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: -0.006 min
Response: 332816
Conc: 2.13 ug/ml



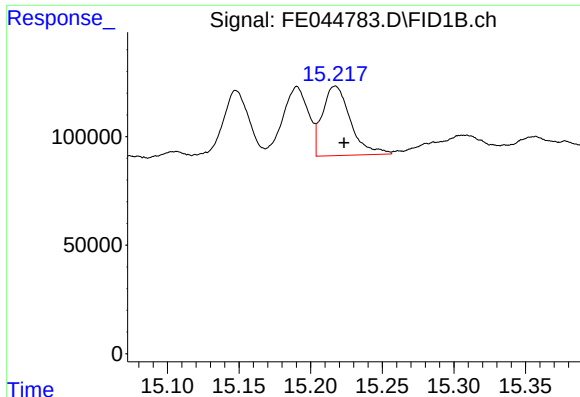
#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: -0.006 min
Response: 4206981
Conc: 30.92 ug/ml



#13 n-Docosane (C22)

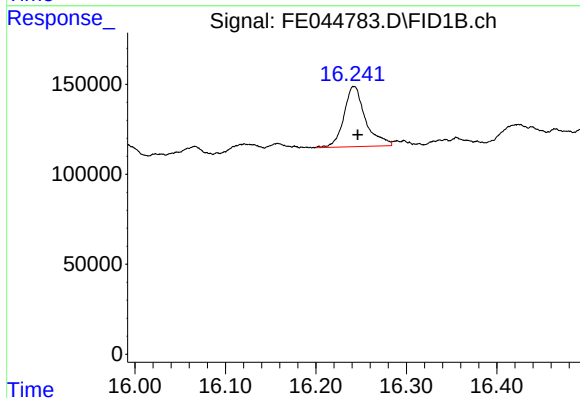
R.T.: 14.113 min
Delta R.T.: -0.007 min
Response: 501418
Conc: 3.25 ug/ml



#14 n-Tetracosane (C24)

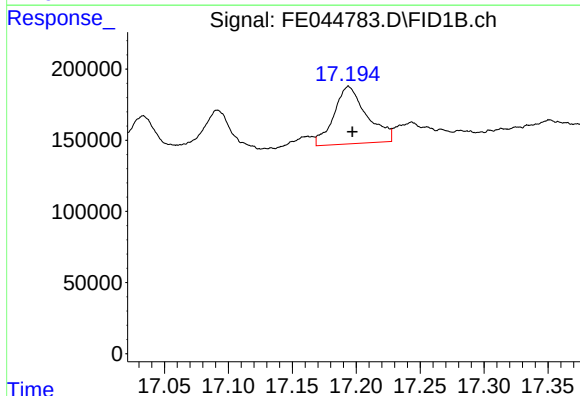
R.T.: 15.217 min
Delta R.T.: -0.006 min
Response: 435857
Conc: 2.88 ug/ml

Instrument :
FID_E
ClientSampleId :



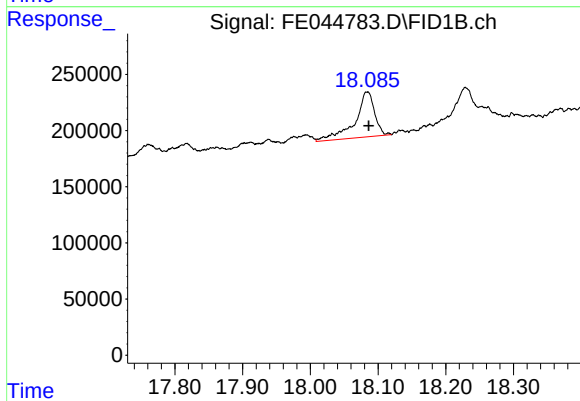
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: -0.004 min
Response: 553509
Conc: 3.76 ug/ml



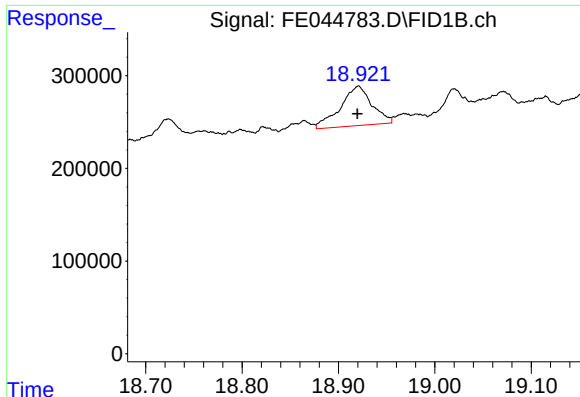
#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.003 min
Response: 720570
Conc: 5.02 ug/ml



#17 n-Tricontane (C30)

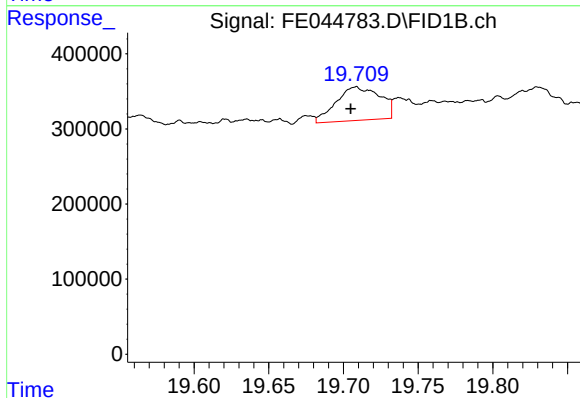
R.T.: 18.084 min
Delta R.T.: -0.002 min
Response: 805454
Conc: 5.43 ug/ml



#18 n-Dotriacontane (C32)

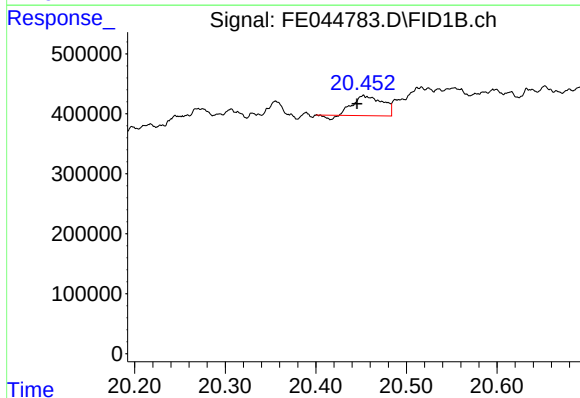
R.T.: 18.921 min
Delta R.T.: 0.000 min
Response: 972481
Conc: 6.57 ug/ml

Instrument :
FID_E
ClientSampleId :



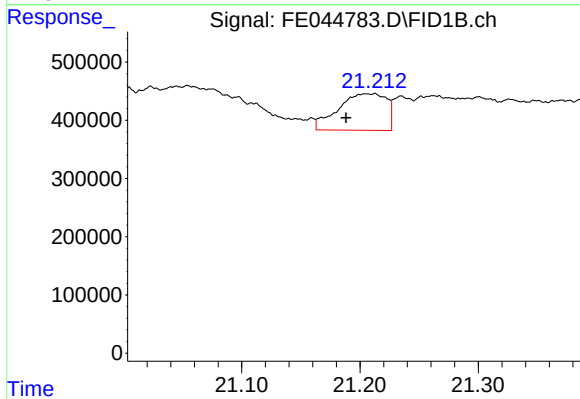
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: 0.003 min
Response: 909766
Conc: 6.23 ug/ml



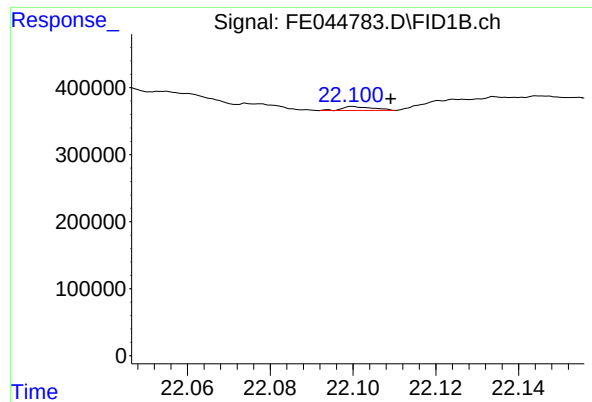
#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: 0.007 min
Response: 729532
Conc: 5.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: 0.024 min
Response: 1787330
Conc: 11.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.008 min
Response: 28821
Conc: 0.18 ug/ml

Instrument :

FID_E

ClientSampleId :