

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071923AL\
 Data File : FG012481.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2023 23:27
 Operator : YP\AJ
 Sample : 03659-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 20 04:47:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 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)	10.883	5780061	36.991 ug/ml
Spiked Amount 50.000		Recovery =	73.98%
12) S 1-chlorooctadecane (S...	12.321	9016958	77.799 ug/ml
Spiked Amount 50.000		Recovery =	155.60%
Target Compounds			
6) T n-Tetradecane (C14)	7.521	98620	0.772 ug/ml
7) T n-Hexadecane (C16)	9.121	137436	1.031 ug/ml
8) T n-Octadecane (C18)	10.564	149837	1.079 ug/ml
10) T n-Eicosane (C20)	11.873	113004	0.836 ug/ml
11) T n-Heneicosane (C21)	12.504	162583	1.226 ug/ml
13) T n-Docosane (C22)	13.072	55691	0.422 ug/ml
14) T n-Tetracosane (C24)	14.156	194486	1.385 ug/ml
15) T n-Hexacosane (C26)	15.198	33487	0.265 ug/ml
16) T n-Octacosane (C28)	16.148	44275	0.352 ug/ml
17) T n-Tricontane (C30)	17.035	37984	0.287 ug/ml
18) T n-Dotriacontane (C32)	17.869	89435	0.672 ug/ml
19) T n-Tetratriacontane (C34)	18.659	133724	1.044 ug/ml
20) T n-Hexatriacontane (C36)	19.400	64105	0.519 ug/ml
21) T n-Octatriacontane (C38)	20.129	17919	0.150 ug/ml
22) T n-Tetracontane (C40)	21.116f	9329	0.081 ug/ml

(f)=RT Delta > 1/2 Window

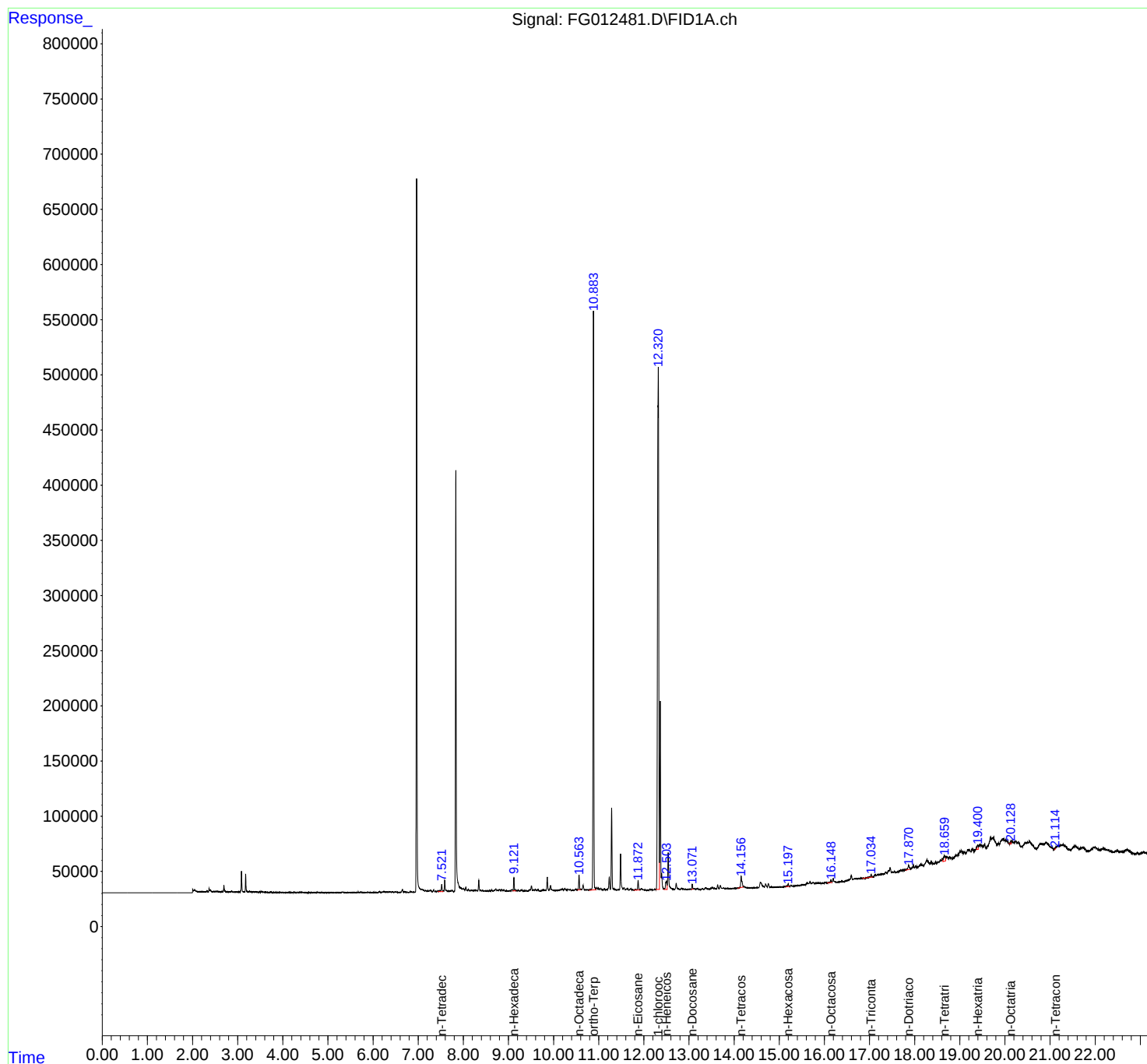
(m)=manual int.

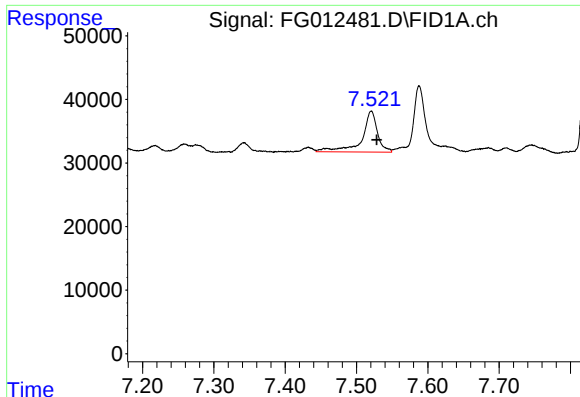
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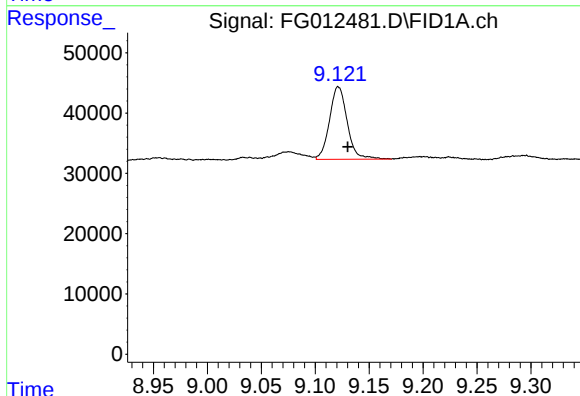




#6 n-Tetradecane (C14)

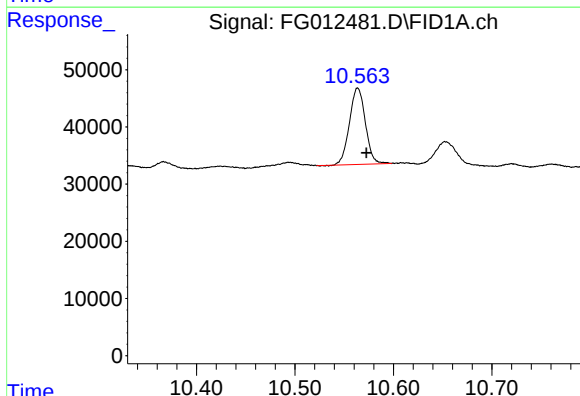
R.T.: 7.521 min
Delta R.T.: -0.007 min
Response: 98620
Conc: 0.77 ug/ml

Instrument :
FID_G
ClientSampleId :



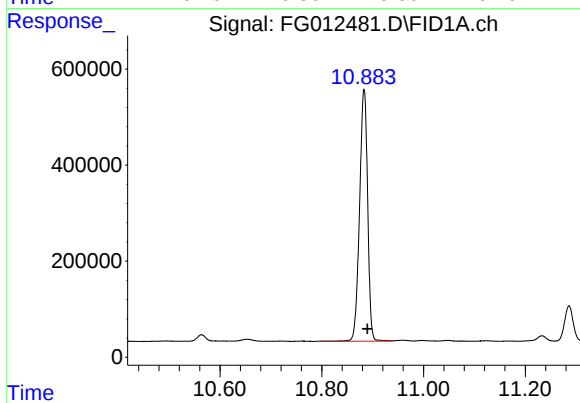
#7 n-Hexadecane (C16)

R.T.: 9.121 min
Delta R.T.: -0.009 min
Response: 137436
Conc: 1.03 ug/ml



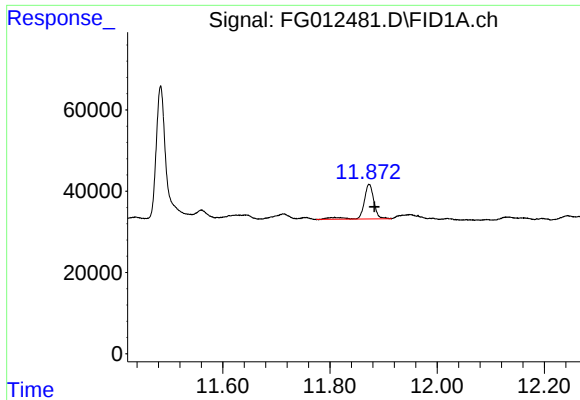
#8 n-Octadecane (C18)

R.T.: 10.564 min
Delta R.T.: -0.009 min
Response: 149837
Conc: 1.08 ug/ml



#9 ortho-Terphenyl (SURR)

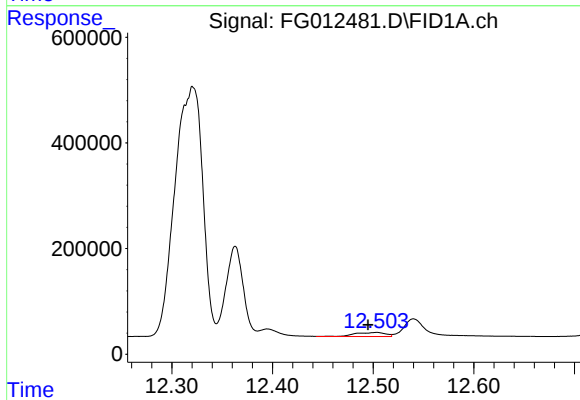
R.T.: 10.883 min
Delta R.T.: -0.006 min
Response: 5780061
Conc: 36.99 ug/ml



#10 n-Eicosane (C20)

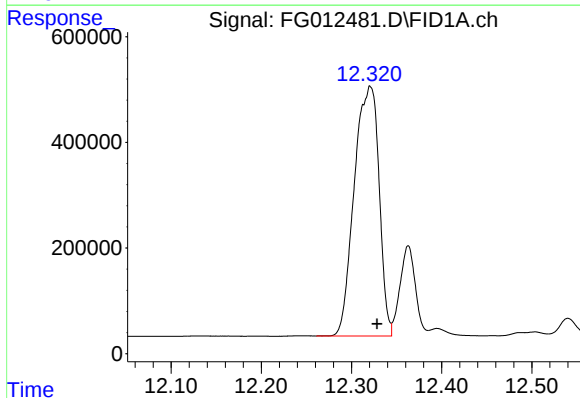
R.T.: 11.873 min
Delta R.T.: -0.010 min
Response: 113004
Conc: 0.84 ug/ml

Instrument :
FID_G
ClientSampleId :



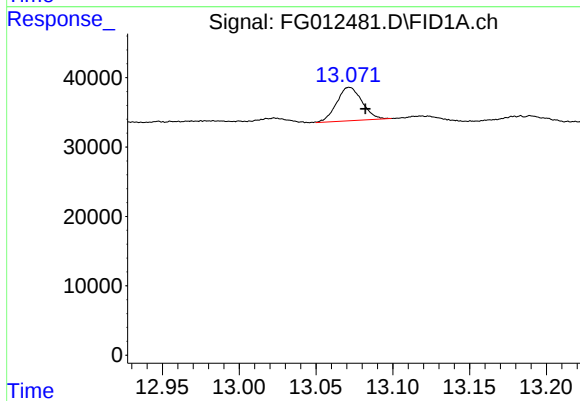
#11 n-Heneicosane (C21)

R.T.: 12.504 min
Delta R.T.: 0.009 min
Response: 162583
Conc: 1.23 ug/ml



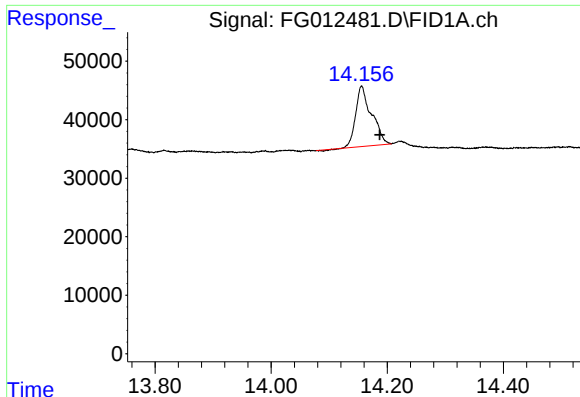
#12 1-chlorooctadecane (SURR)

R.T.: 12.321 min
Delta R.T.: -0.007 min
Response: 9016958
Conc: 77.80 ug/ml



#13 n-Docosane (C22)

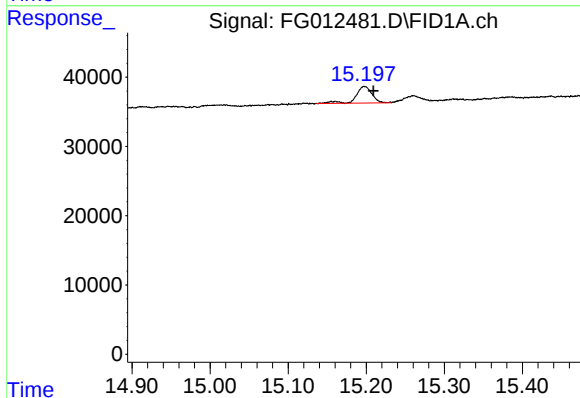
R.T.: 13.072 min
Delta R.T.: -0.010 min
Response: 55691
Conc: 0.42 ug/ml



#14 n-Tetracosane (C24)

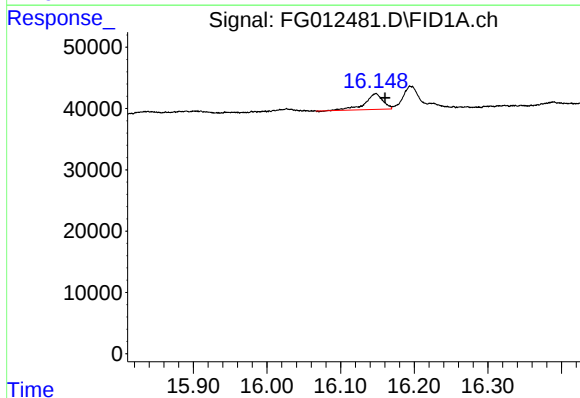
R.T.: 14.156 min
Delta R.T.: -0.031 min
Response: 194486
Conc: 1.38 ug/ml

Instrument :
FID_G
ClientSampleId :



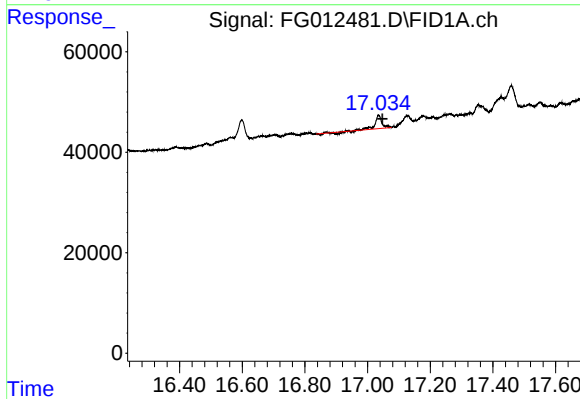
#15 n-Hexacosane (C26)

R.T.: 15.198 min
Delta R.T.: -0.012 min
Response: 33487
Conc: 0.27 ug/ml



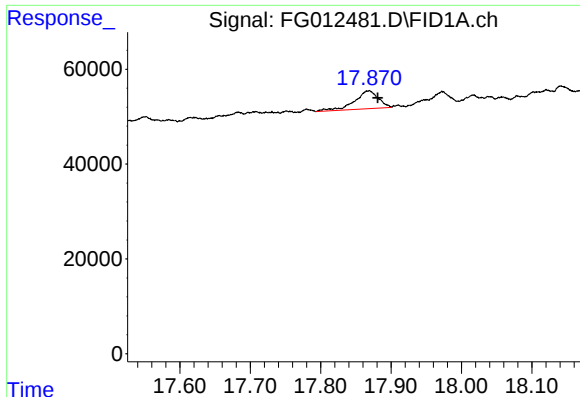
#16 n-Octacosane (C28)

R.T.: 16.148 min
Delta R.T.: -0.012 min
Response: 44275
Conc: 0.35 ug/ml



#17 n-Tricontane (C30)

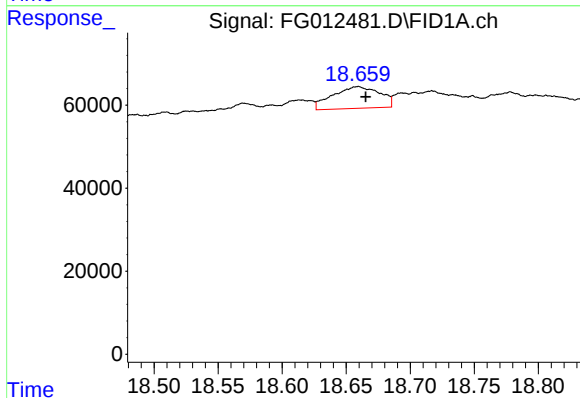
R.T.: 17.035 min
Delta R.T.: -0.013 min
Response: 37984
Conc: 0.29 ug/ml



#18 n-Dotriacontane (C32)

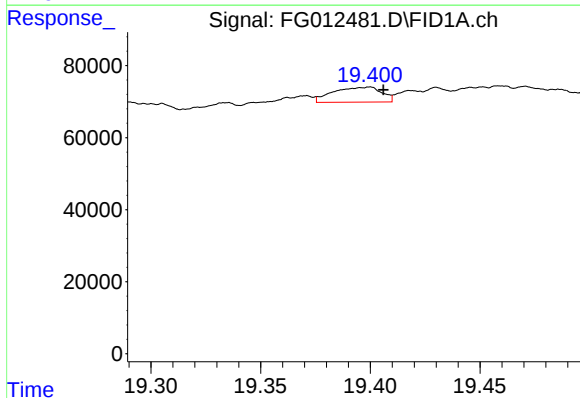
R.T.: 17.869 min
Delta R.T.: -0.013 min
Response: 89435
Conc: 0.67 ug/ml

Instrument :
FID_G
ClientSampleId :



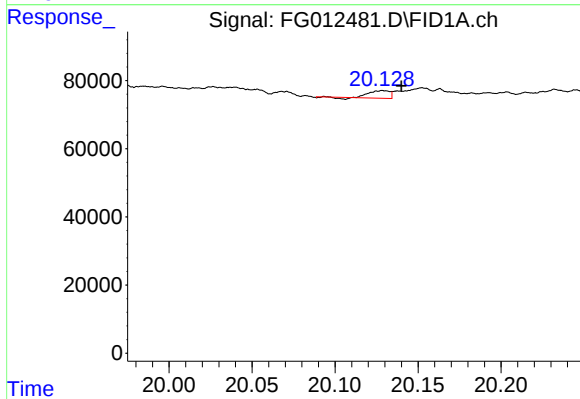
#19 n-Tetratriacontane (C34)

R.T.: 18.659 min
Delta R.T.: -0.006 min
Response: 133724
Conc: 1.04 ug/ml



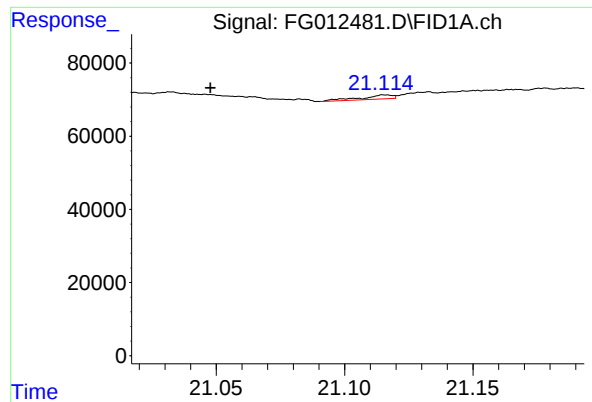
#20 n-Hexatriacontane (C36)

R.T.: 19.400 min
Delta R.T.: -0.006 min
Response: 64105
Conc: 0.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.129 min
Delta R.T.: -0.011 min
Response: 17919
Conc: 0.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.116 min
Delta R.T.: 0.068 min
Response: 9329
Conc: 0.08 ug/ml

Instrument :

FID_G

ClientSampleId :