

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101923AL\
 Data File : FC064874.D
 Signal(s) : FID1A.ch
 Acq On : 19 Oct 2023 17:04
 Operator : YP/AJ
 Sample : 04935-01D
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 20 01:06:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.523	6212191	29.095 ug/ml
Spiked Amount 50.000		Recovery =	58.19%
12) S 1-chlorooctadecane (S...	12.957	5145345	34.316 ug/ml
Spiked Amount 50.000		Recovery =	68.63%
Target Compounds			
6) T n-Tetradecane (C14)	8.176	138782	0.773 ug/ml
7) T n-Hexadecane (C16)	9.771	116744	0.656 ug/ml
8) T n-Octadecane (C18)	11.206	176854	0.986 ug/ml
10) T n-Eicosane (C20)	12.509	704893	4.094 ug/ml
11) T n-Heneicosane (C21)	13.121	190060	1.122 ug/ml
13) T n-Docosane (C22)	13.706	456297	2.769 ug/ml
14) T n-Tetracosane (C24)	14.792	2504364	15.735 ug/ml
15) T n-Hexacosane (C26)	15.825	566962	3.701 ug/ml
16) T n-Octacosane (C28)	16.744	93607	0.635 ug/ml
17) T n-Tricontane (C30)	17.657	1338914	9.151 ug/ml
18) T n-Dotriacontane (C32)	18.488	1702076	11.788 ug/ml
19) T n-Tetratriacontane (C34)	19.274	1589914	11.300 ug/ml
20) T n-Hexatriacontane (C36)	20.012	3344868	24.177 ug/ml
21) T n-Octatriacontane (C38)	20.698	175805	1.327 ug/ml
22) T n-Tetracontane (C40)	21.566	287454	2.297 ug/ml

(f)=RT Delta > 1/2 Window

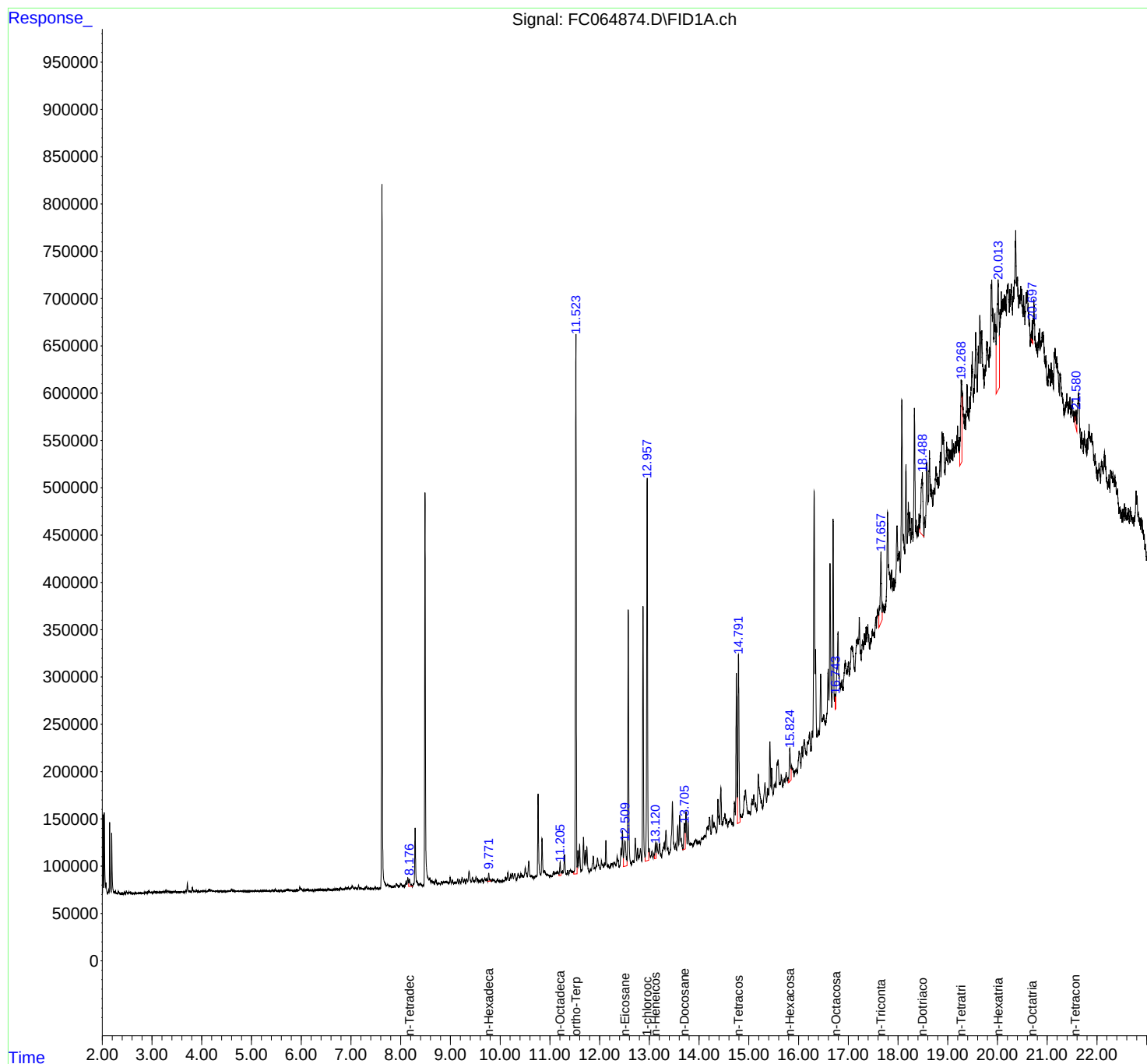
(m)=manual int.

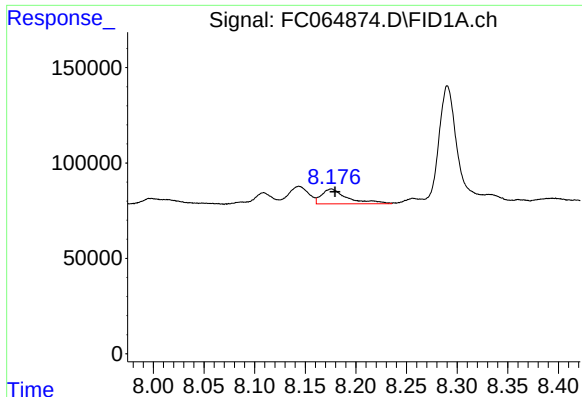
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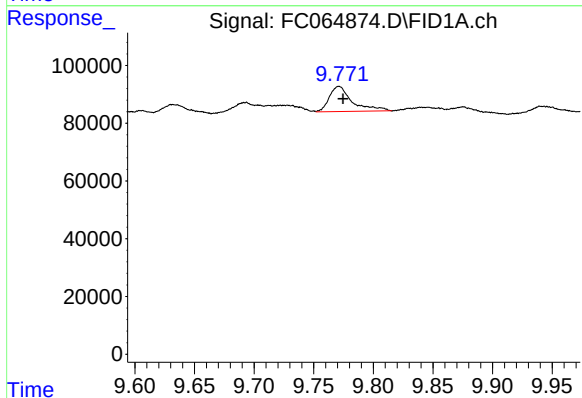




#6 n-Tetradecane (C14)

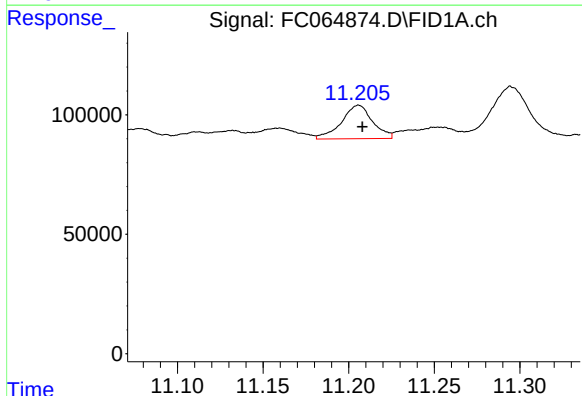
R.T.: 8.176 min
Delta R.T.: -0.004 min
Response: 138782
Conc: 0.77 ug/ml

Instrument :
FID_C
ClientSampleId :



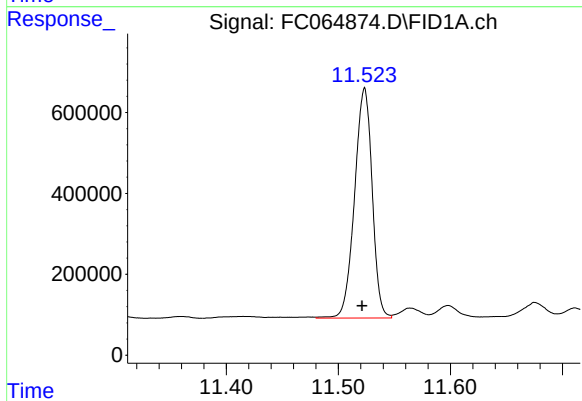
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.003 min
Response: 116744
Conc: 0.66 ug/ml



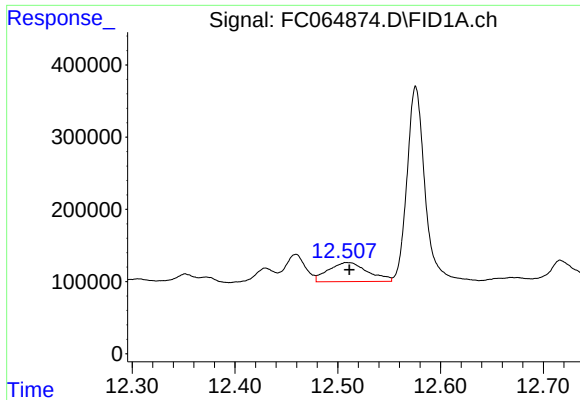
#8 n-Octadecane (C18)

R.T.: 11.206 min
Delta R.T.: -0.002 min
Response: 176854
Conc: 0.99 ug/ml



#9 ortho-Terphenyl (SURR)

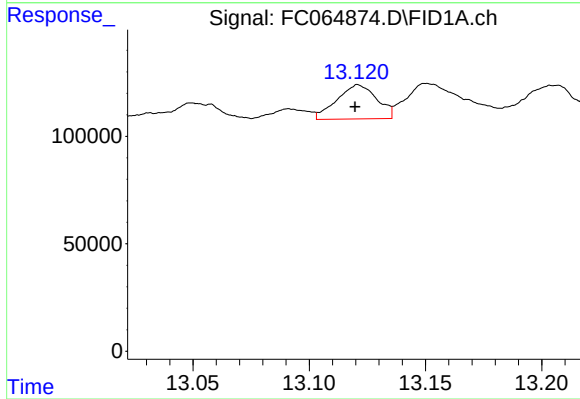
R.T.: 11.523 min
Delta R.T.: 0.002 min
Response: 6212191
Conc: 29.09 ug/ml



#10 n-Eicosane (C20)

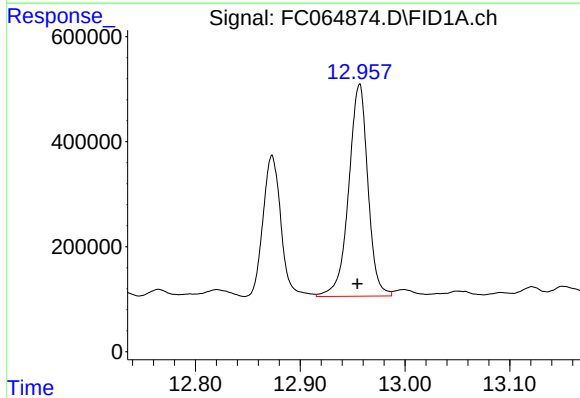
R.T.: 12.509 min
Delta R.T.: -0.003 min
Response: 704893
Conc: 4.09 ug/ml

Instrument :
FID_C
ClientSampleId :



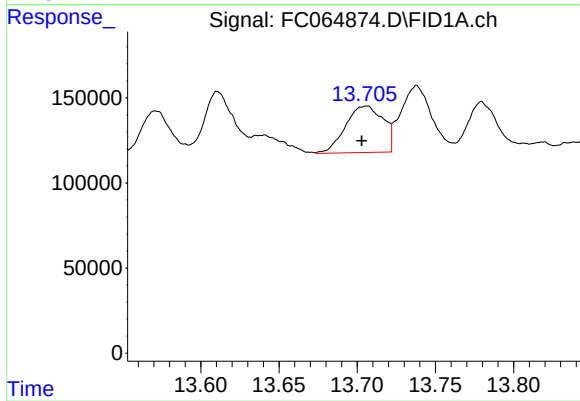
#11 n-Heneicosane (C21)

R.T.: 13.121 min
Delta R.T.: 0.001 min
Response: 190060
Conc: 1.12 ug/ml



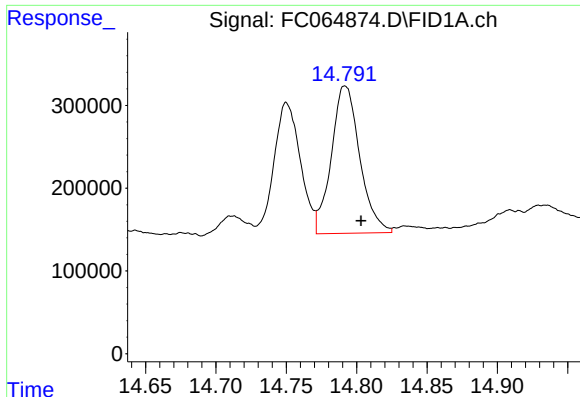
#12 1-chlorooctadecane (SURR)

R.T.: 12.957 min
Delta R.T.: 0.002 min
Response: 5145345
Conc: 34.32 ug/ml



#13 n-Docosane (C22)

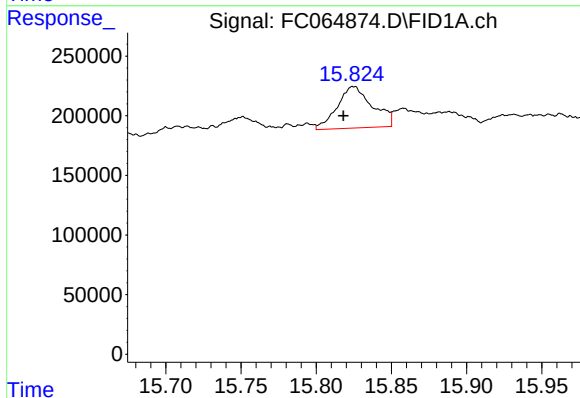
R.T.: 13.706 min
Delta R.T.: 0.003 min
Response: 456297
Conc: 2.77 ug/ml



#14 n-Tetracosane (C24)

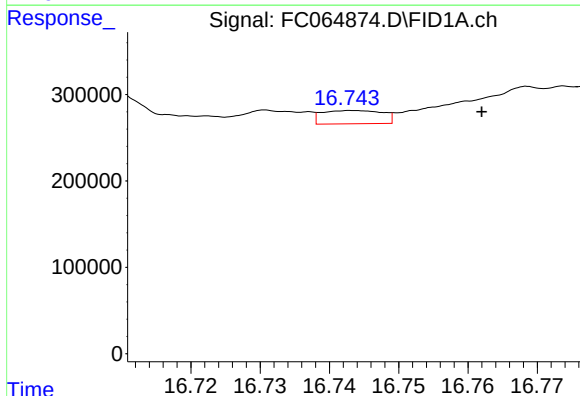
R.T.: 14.792 min
Delta R.T.: -0.011 min
Response: 2504364
Conc: 15.73 ug/ml

Instrument :
FID_C
ClientSampleId :



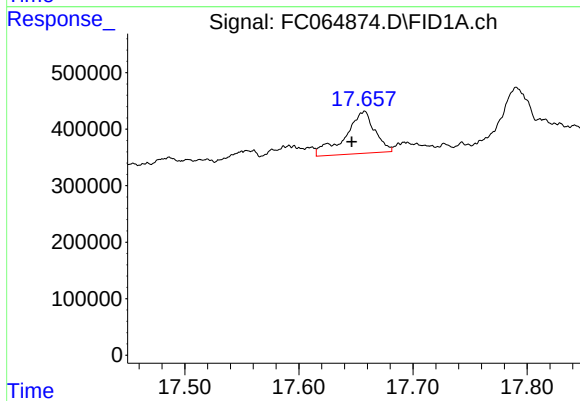
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: 0.007 min
Response: 566962
Conc: 3.70 ug/ml



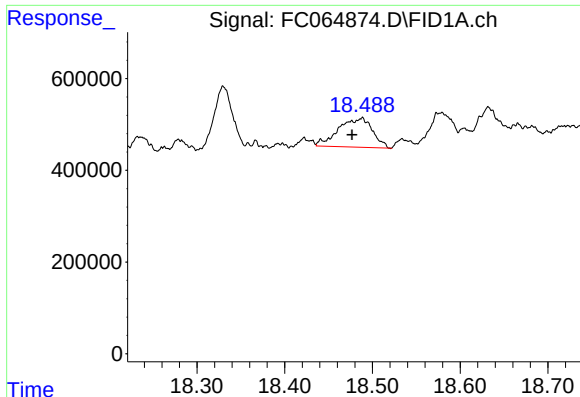
#16 n-Octacosane (C28)

R.T.: 16.744 min
Delta R.T.: -0.018 min
Response: 93607
Conc: 0.64 ug/ml



#17 n-Tricontane (C30)

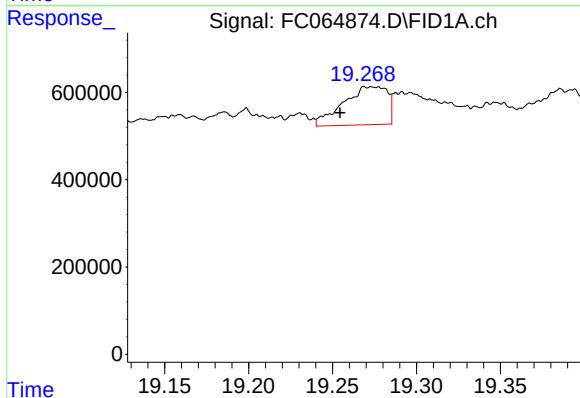
R.T.: 17.657 min
Delta R.T.: 0.011 min
Response: 1338914
Conc: 9.15 ug/ml



#18 n-Dotriacontane (C32)

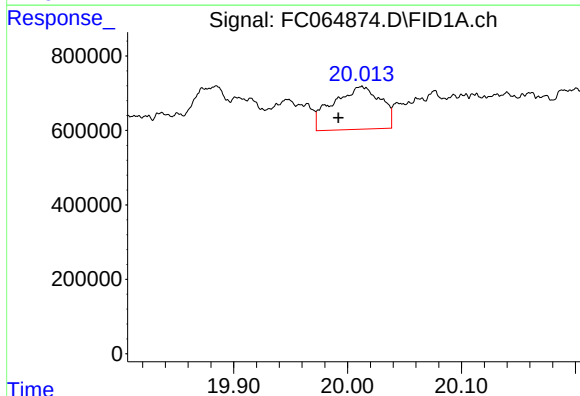
R.T.: 18.488 min
Delta R.T.: 0.012 min
Response: 1702076
Conc: 11.79 ug/ml

Instrument :
FID_C
ClientSampleId :



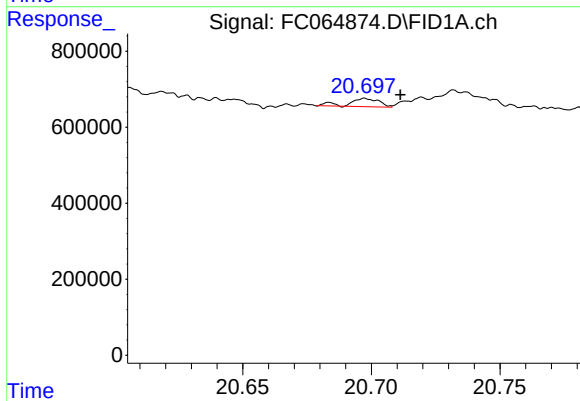
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.019 min
Response: 1589914
Conc: 11.30 ug/ml



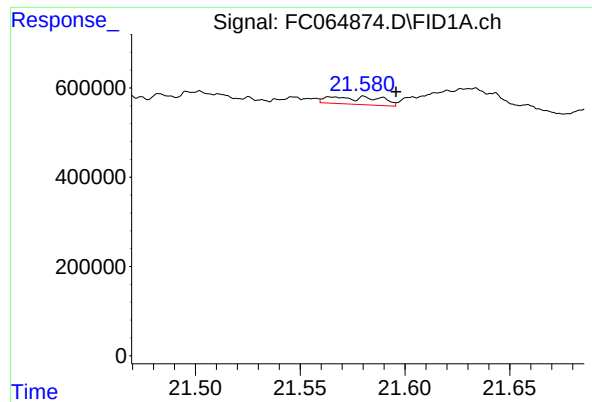
#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: 0.020 min
Response: 3344868
Conc: 24.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.698 min
Delta R.T.: -0.013 min
Response: 175805
Conc: 1.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.566 min
Delta R.T.: -0.030 min
Response: 287454
Conc: 2.30 ug/ml

Instrument :

FID_C

ClientSampleId :