

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101923AL\
 Data File : FC064873.D
 Signal(s) : FID1A.ch
 Acq On : 19 Oct 2023 16:23
 Operator : YP/AJ
 Sample : 04935-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 20 01:05:44 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)	11.520	6292122	29.469 ug/ml
Spiked Amount 50.000		Recovery =	58.94%
12) S 1-chlorooctadecane (S...	12.955	5164085	34.441 ug/ml
Spiked Amount 50.000		Recovery =	68.88%
Target Compounds			
6) T n-Tetradecane (C14)	8.176	116218	0.647 ug/ml
7) T n-Hexadecane (C16)	9.769	114245	0.642 ug/ml
8) T n-Octadecane (C18)	11.202	176194	0.982 ug/ml
10) T n-Eicosane (C20)	12.506	674894	3.919 ug/ml
11) T n-Heneicosane (C21)	13.118	202072	1.193 ug/ml
13) T n-Docosane (C22)	13.702	438983	2.664 ug/ml
14) T n-Tetracosane (C24)	14.787	2500085	15.708 ug/ml
15) T n-Hexacosane (C26)	15.819	717867	4.686 ug/ml
16) T n-Octacosane (C28)	16.788	1804905	12.248 ug/ml
17) T n-Tricontane (C30)	17.652	1259470	8.608 ug/ml
18) T n-Dotriacontane (C32)	18.481	1577855	10.927 ug/ml
19) T n-Tetratriacontane (C34)	19.280	2798487	19.889 ug/ml
20) T n-Hexatriacontane (C36)	20.006	2487109	17.977 ug/ml
21) T n-Octatriacontane (C38)	20.696	183177	1.383 ug/ml
22) T n-Tetracontane (C40)	21.617	967323	7.729 ug/ml

(f)=RT Delta > 1/2 Window

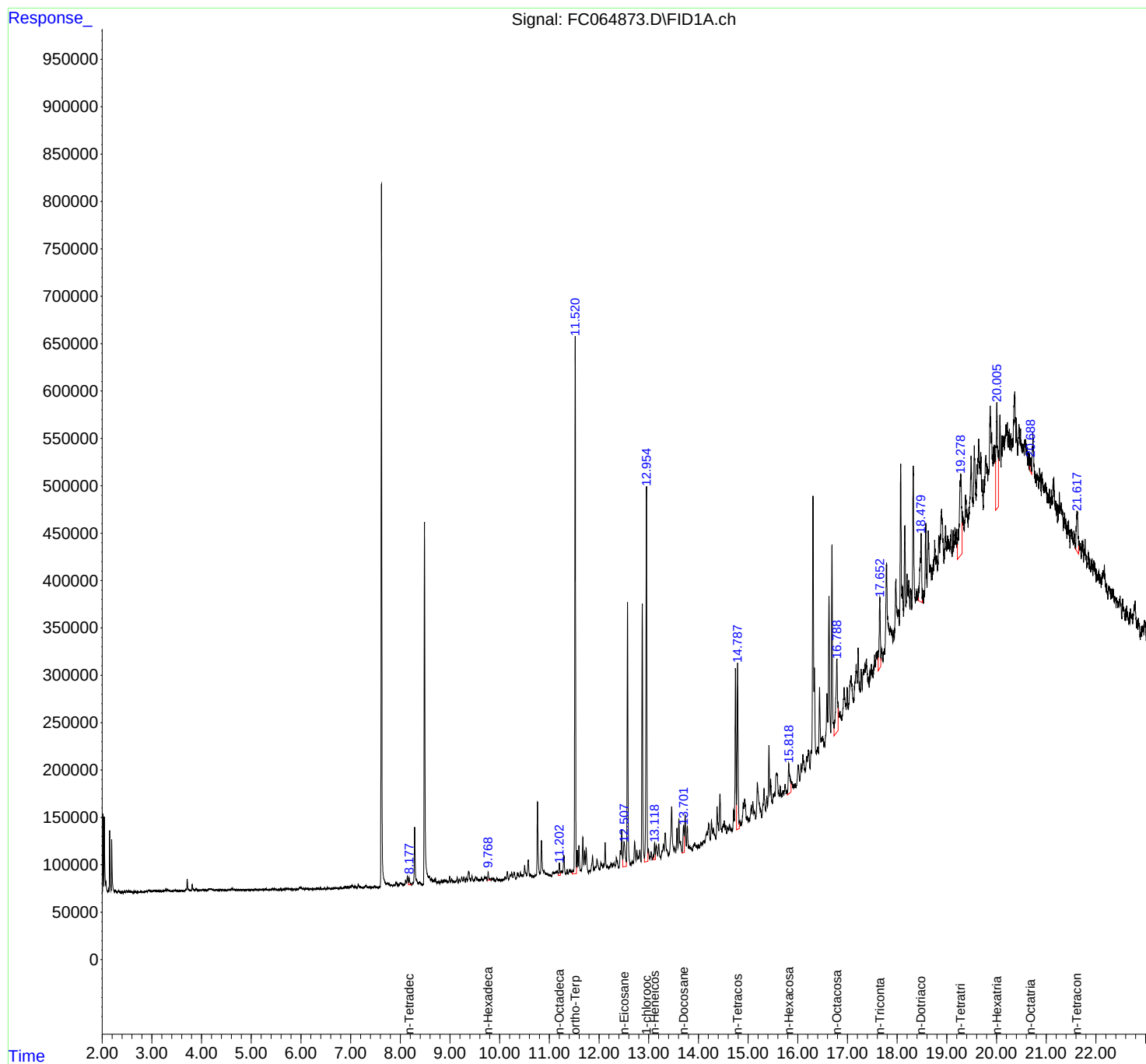
(m)=manual int.

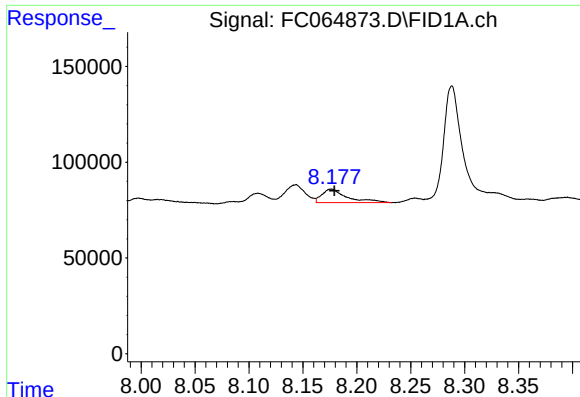
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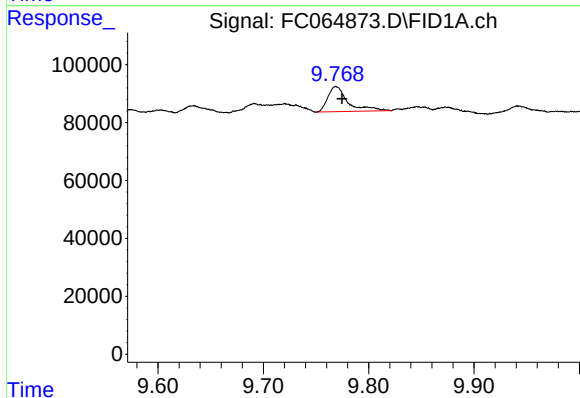




#6 n-Tetradecane (C14)

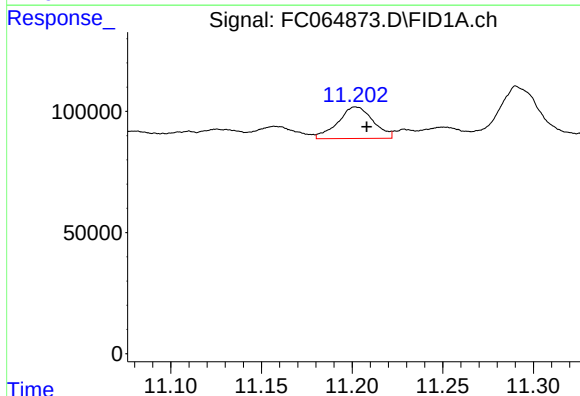
R.T.: 8.176 min
Delta R.T.: -0.003 min
Response: 116218
Conc: 0.65 ug/ml

Instrument :
FID_C
ClientSampleId :



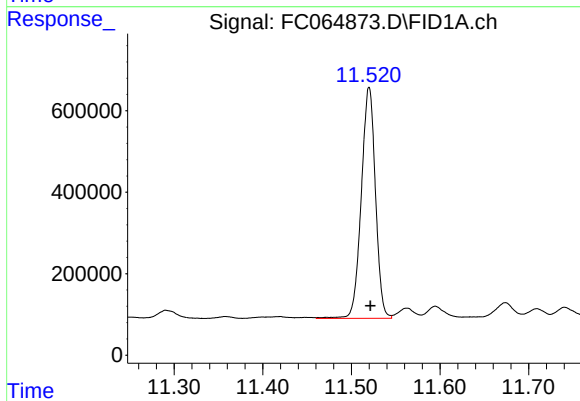
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.006 min
Response: 114245
Conc: 0.64 ug/ml



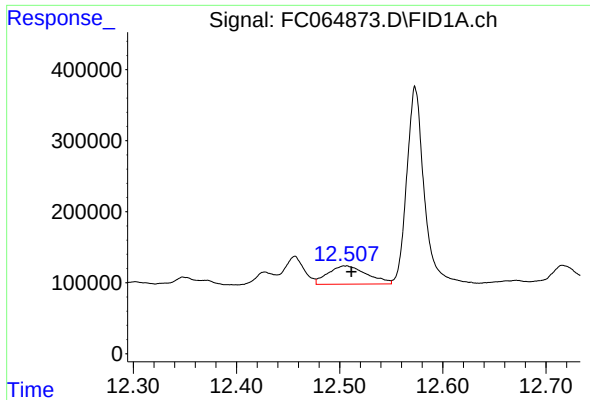
#8 n-Octadecane (C18)

R.T.: 11.202 min
Delta R.T.: -0.006 min
Response: 176194
Conc: 0.98 ug/ml



#9 ortho-Terphenyl (SURR)

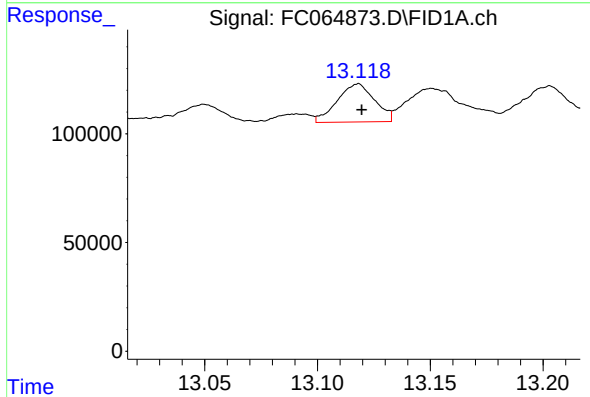
R.T.: 11.520 min
Delta R.T.: -0.001 min
Response: 6292122
Conc: 29.47 ug/ml



#10 n-Eicosane (C20)

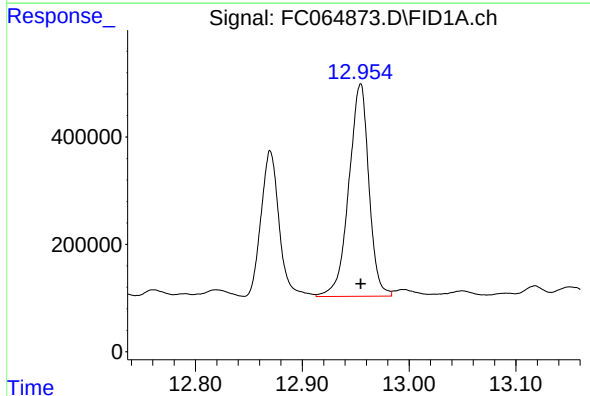
R.T.: 12.506 min
Delta R.T.: -0.005 min
Response: 674894
Conc: 3.92 ug/ml

Instrument :
FID_C
ClientSampleId :



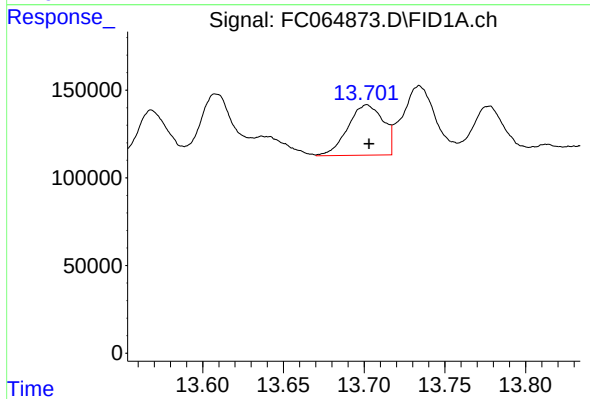
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: -0.002 min
Response: 202072
Conc: 1.19 ug/ml



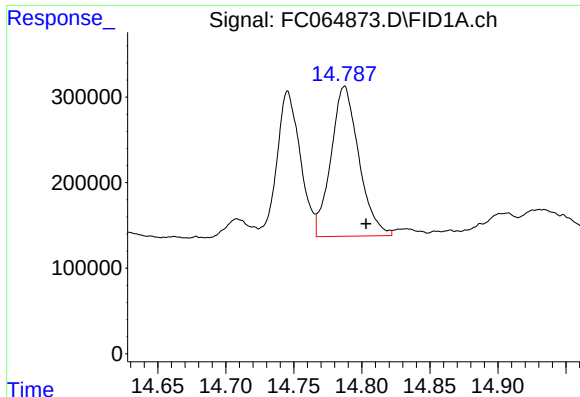
#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: 0.000 min
Response: 5164085
Conc: 34.44 ug/ml



#13 n-Docosane (C22)

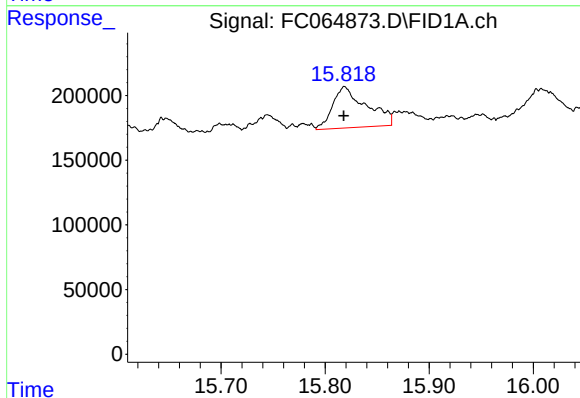
R.T.: 13.702 min
Delta R.T.: -0.001 min
Response: 438983
Conc: 2.66 ug/ml



#14 n-Tetracosane (C24)

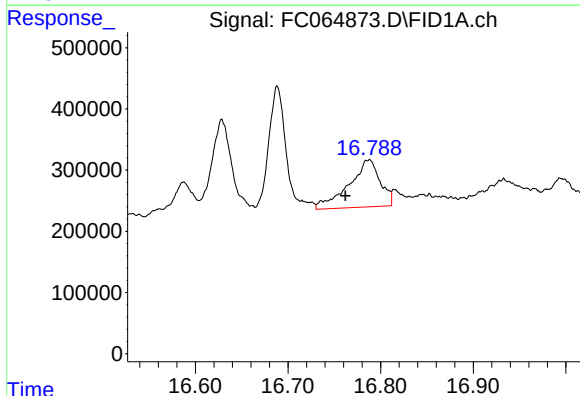
R.T.: 14.787 min
Delta R.T.: -0.016 min
Response: 2500085
Conc: 15.71 ug/ml

Instrument :
FID_C
ClientSampleId :



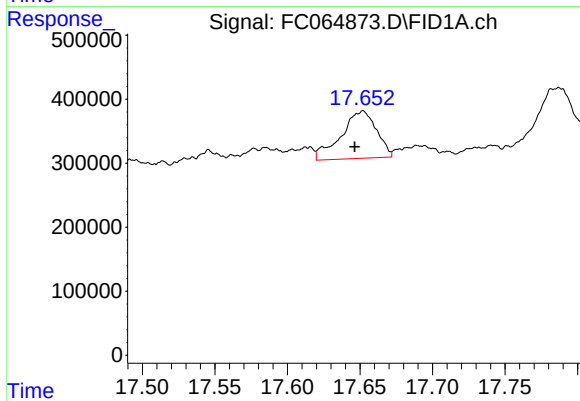
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: 0.000 min
Response: 717867
Conc: 4.69 ug/ml



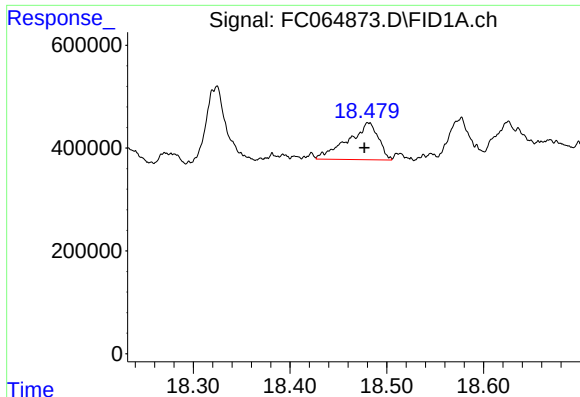
#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: 0.026 min
Response: 1804905
Conc: 12.25 ug/ml



#17 n-Tricontane (C30)

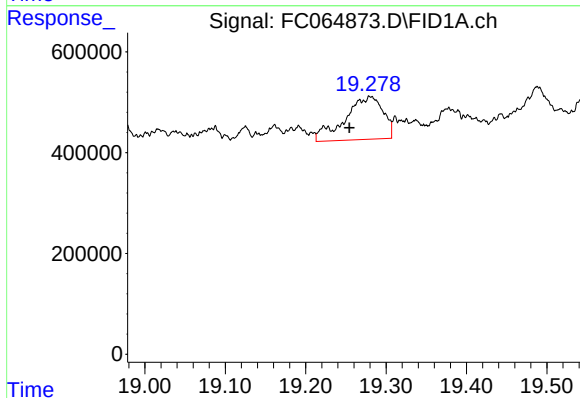
R.T.: 17.652 min
Delta R.T.: 0.006 min
Response: 1259470
Conc: 8.61 ug/ml



#18 n-Dotriacontane (C32)

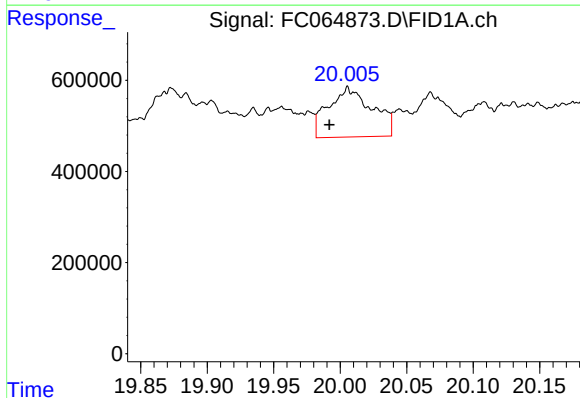
R.T.: 18.481 min
Delta R.T.: 0.004 min
Response: 1577855
Conc: 10.93 ug/ml

Instrument :
FID_C
ClientSampleId :



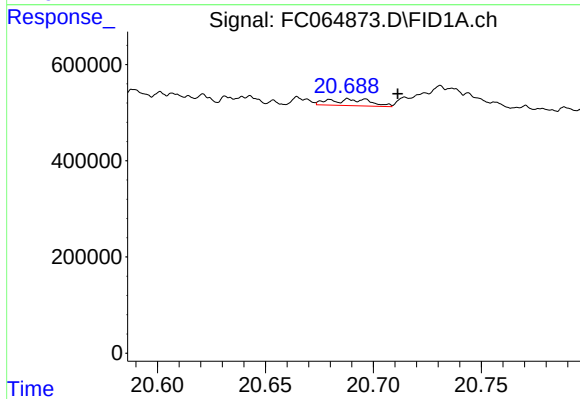
#19 n-Tetratriacontane (C34)

R.T.: 19.280 min
Delta R.T.: 0.026 min
Response: 2798487
Conc: 19.89 ug/ml



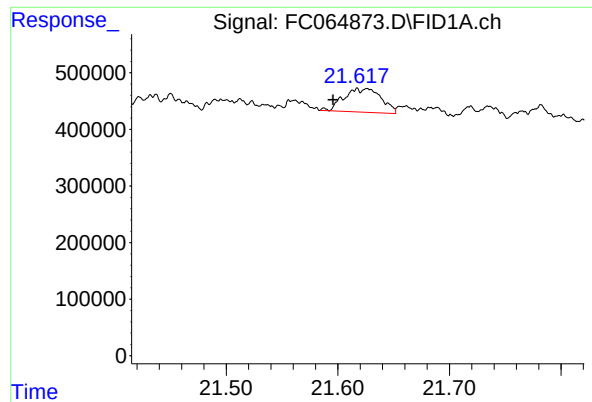
#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: 0.014 min
Response: 2487109
Conc: 17.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.696 min
Delta R.T.: -0.015 min
Response: 183177
Conc: 1.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.617 min
Delta R.T.: 0.021 min
Response: 967323
Conc: 7.73 ug/ml

Instrument :

FID_C

ClientSampleId :