

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052025AL\
 Data File : FC068939.D
 Signal(s) : FID1A.ch
 Acq On : 20 May 2025 21:58
 Operator : YP/AJ
 Sample : PB168080BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168080BL

Integration File: autoint1.e
 Quant Time: May 21 05:25:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 2025
 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)	11.705	110667	0.970 ug/ml
Spiked Amount 50.000		Recovery =	1.94%
12) S 1-chlorooctadecane (S...	13.141	3802719	47.400 ug/ml
Spiked Amount 50.000		Recovery =	94.80%
Target Compounds			
4) T n-Dodecane (C12)	6.540	42711	0.440 ug/ml
6) T n-Tetradecane (C14)	8.337	36501	0.395 ug/ml
8) T n-Octadecane (C18)	11.382	61623	0.703 ug/ml
10) T n-Eicosane (C20)	12.691	259084	3.040 ug/ml
11) T n-Heneicosane (C21)	13.304	250903	2.975 ug/ml
13) T n-Docosane (C22)	13.891	271685	3.248 ug/ml
14) T n-Tetracosane (C24)	14.994	279165	3.355 ug/ml
15) T n-Hexacosane (C26)	16.016	267145	3.224 ug/ml
16) T n-Octacosane (C28)	16.966	265730	3.215 ug/ml
17) T n-Tricontane (C30)	17.855	279551	3.304 ug/ml
18) T n-Dotriacontane (C32)	18.689	281867	3.272 ug/ml
19) T n-Tetratriacontane (C34)	19.472	265639	3.118 ug/ml
20) T n-Hexatriacontane (C36)	20.213	245740	2.859 ug/ml
21) T n-Octatriacontane (C38)	20.985	236944	2.825 ug/ml
22) T n-Tetracontane (C40)	21.958	232942	2.842 ug/ml

(f)=RT Delta > 1/2 Window

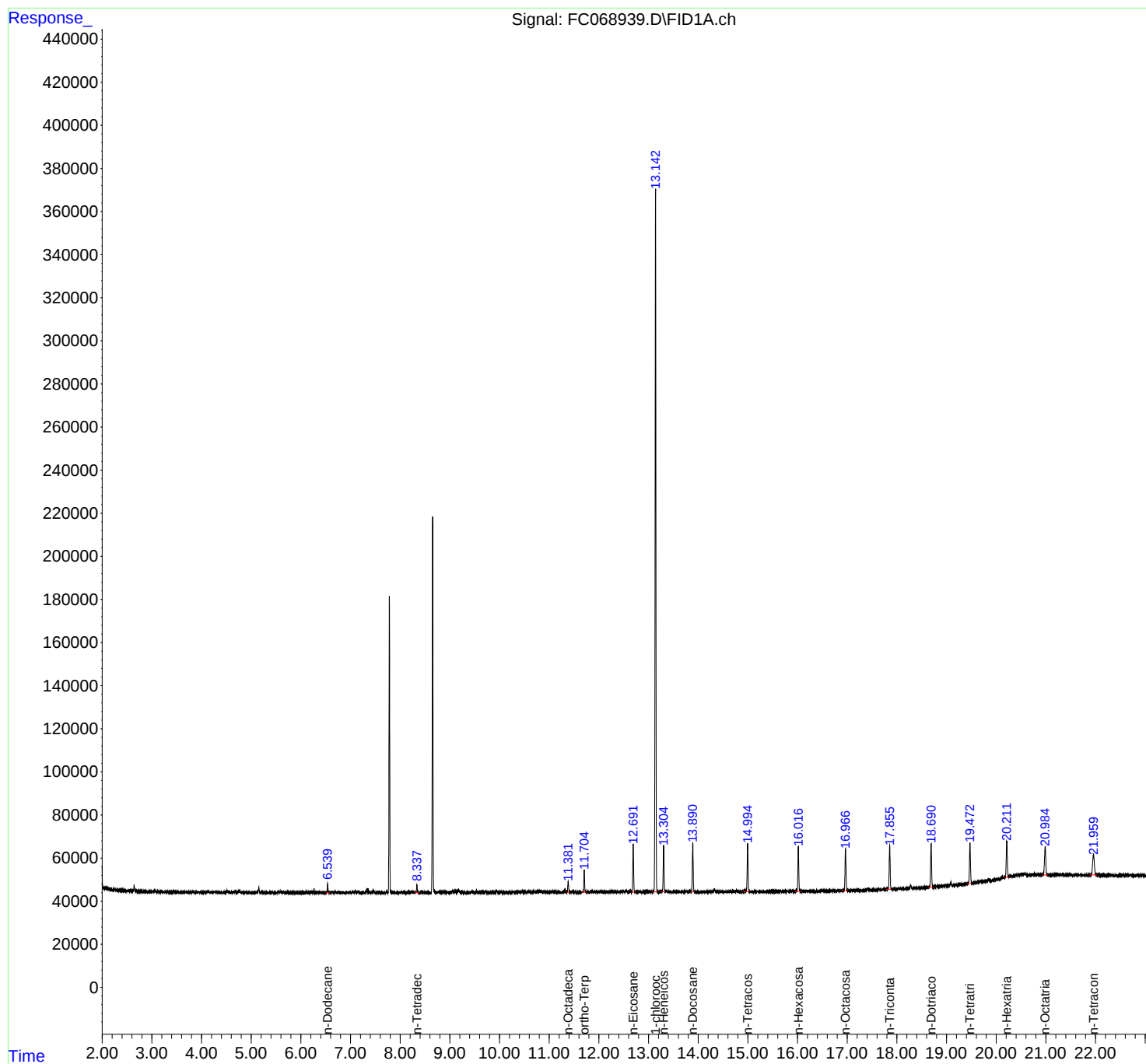
(m)=manual int.

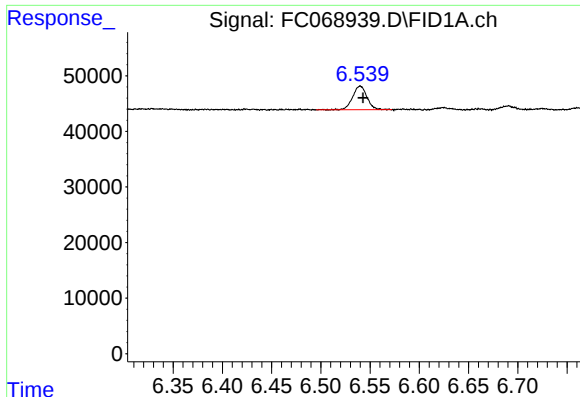
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Signal Info : 20M x 0.18mm x 0.18um

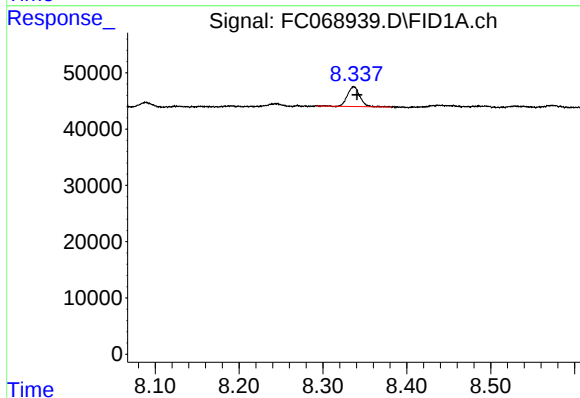




#4 n-Dodecane (C12)

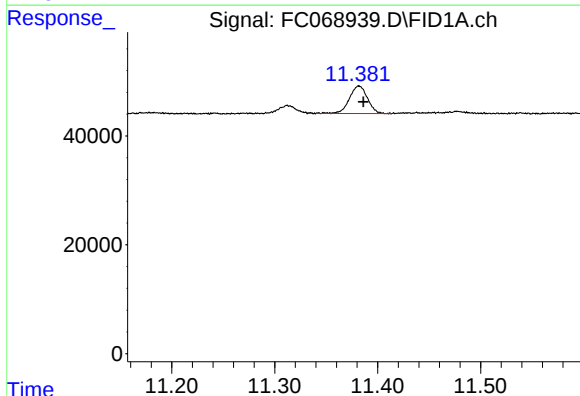
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 42711
Conc: 0.44 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168080BL



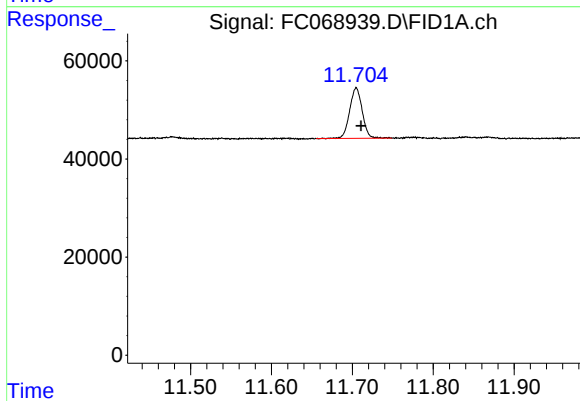
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: -0.004 min
Response: 36501
Conc: 0.39 ug/ml



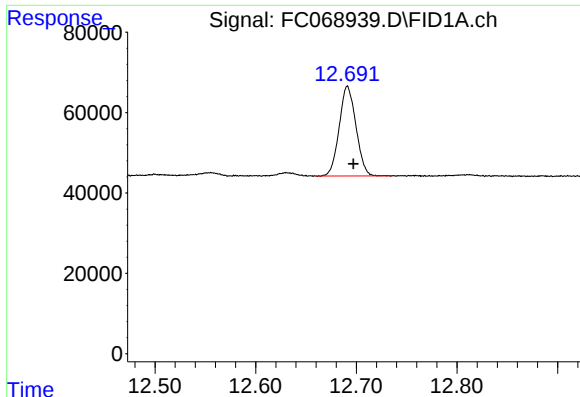
#8 n-Octadecane (C18)

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 61623
Conc: 0.70 ug/ml



#9 ortho-Terphenyl (SURR)

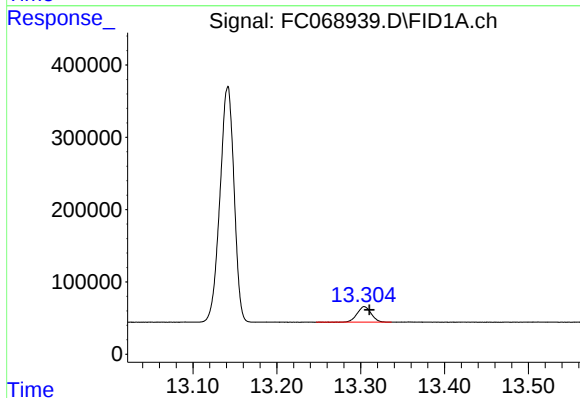
R.T.: 11.705 min
Delta R.T.: -0.006 min
Response: 110667
Conc: 0.97 ug/ml



#10 n-Eicosane (C20)

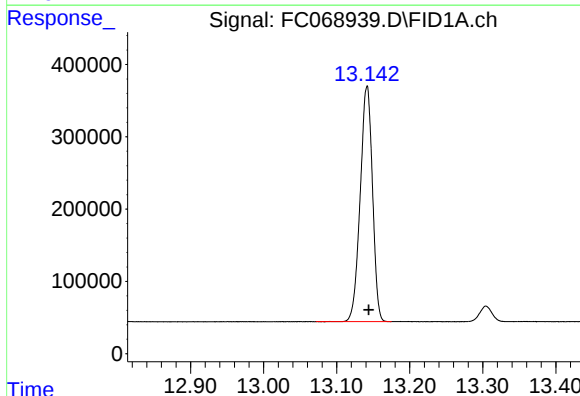
R.T.: 12.691 min
Delta R.T.: -0.006 min
Response: 259084
Conc: 3.04 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168080BL



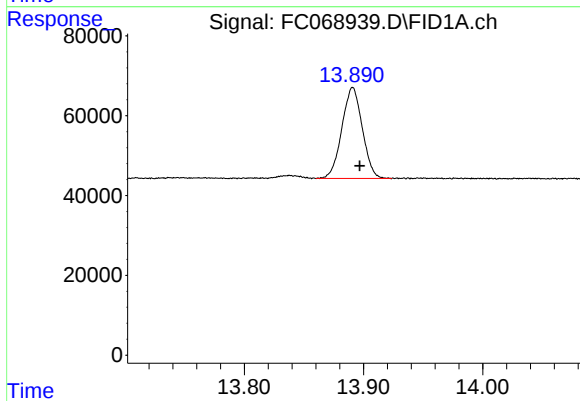
#11 n-Heneicosane (C21)

R.T.: 13.304 min
Delta R.T.: -0.006 min
Response: 250903
Conc: 2.97 ug/ml



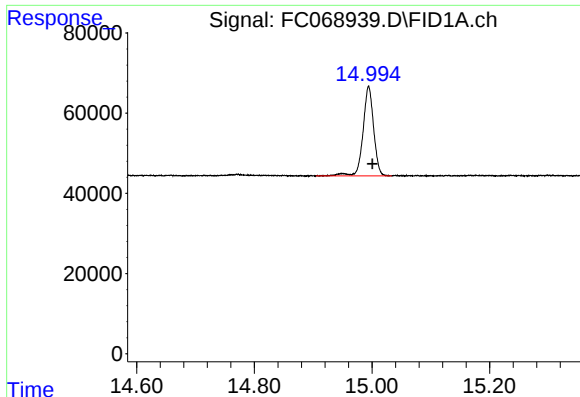
#12 1-chlorooctadecane (SURR)

R.T.: 13.141 min
Delta R.T.: -0.002 min
Response: 3802719
Conc: 47.40 ug/ml



#13 n-Docosane (C22)

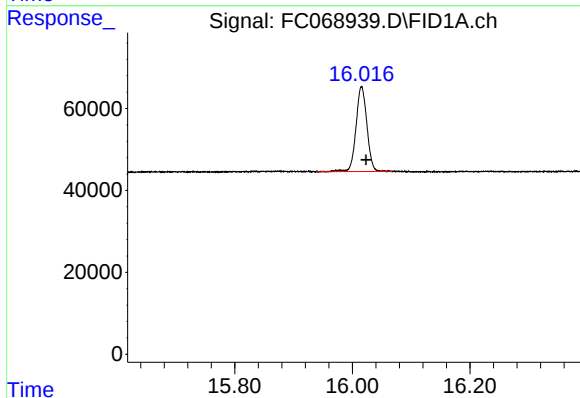
R.T.: 13.891 min
Delta R.T.: -0.006 min
Response: 271685
Conc: 3.25 ug/ml



#14 n-Tetracosane (C24)

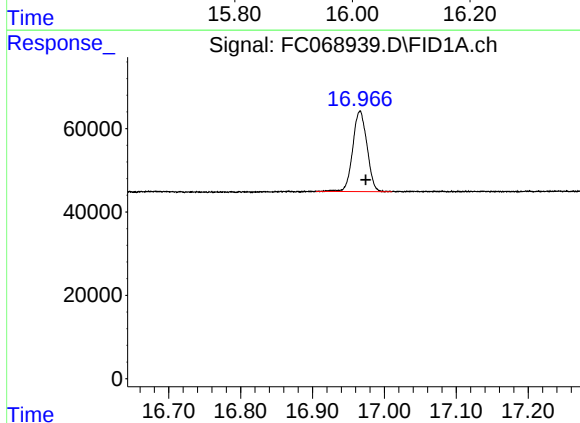
R.T.: 14.994 min
Delta R.T.: -0.006 min
Response: 279165
Conc: 3.36 ug/ml

Instrument :
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PB168080BL



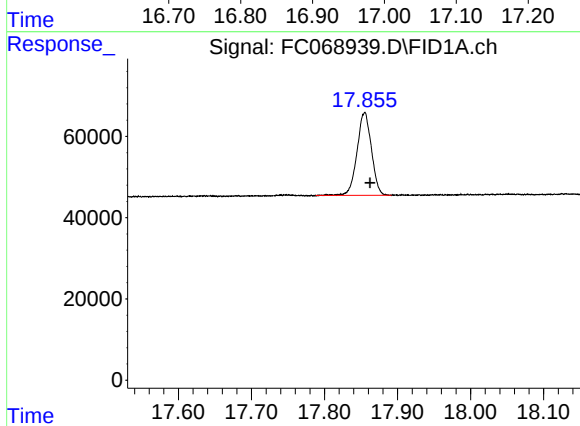
#15 n-Hexacosane (C26)

R.T.: 16.016 min
Delta R.T.: -0.008 min
Response: 267145
Conc: 3.22 ug/ml



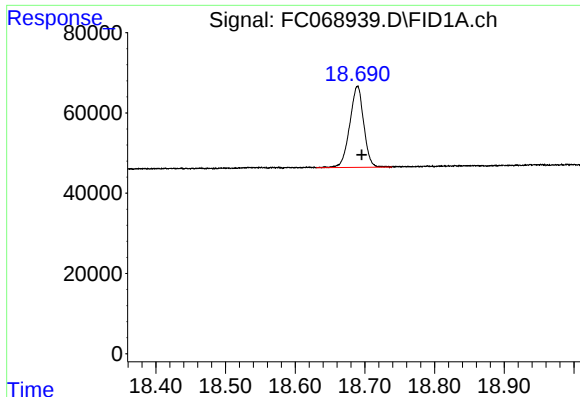
#16 n-Octacosane (C28)

R.T.: 16.966 min
Delta R.T.: -0.008 min
Response: 265730
Conc: 3.22 ug/ml



#17 n-Tricontane (C30)

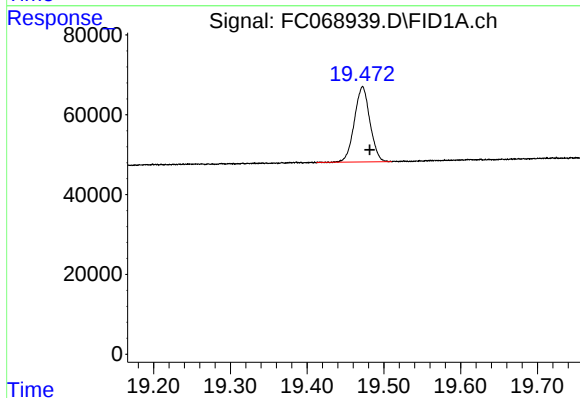
R.T.: 17.855 min
Delta R.T.: -0.008 min
Response: 279551
Conc: 3.30 ug/ml



#18 n-Dotriacontane (C32)

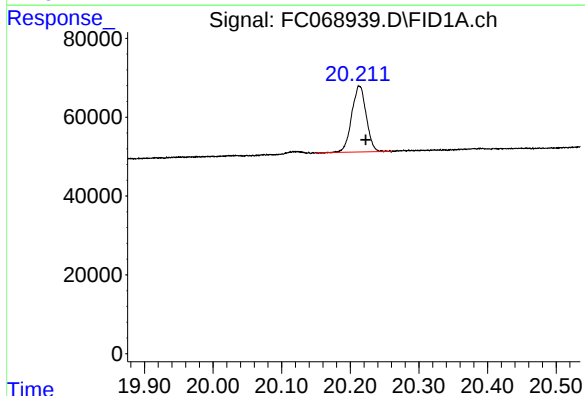
R.T.: 18.689 min
Delta R.T.: -0.006 min
Response: 281867
Conc: 3.27 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168080BL



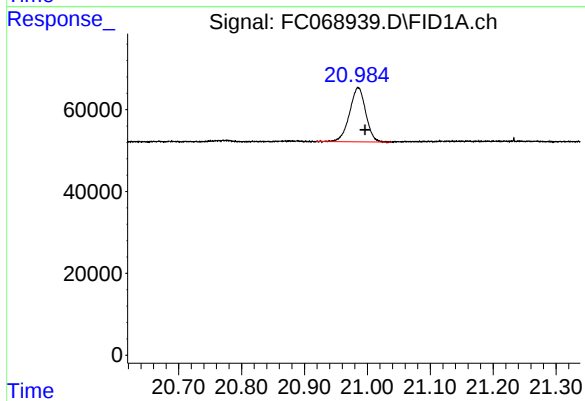
#19 n-Tetratriacontane (C34)

R.T.: 19.472 min
Delta R.T.: -0.010 min
Response: 265639
Conc: 3.12 ug/ml



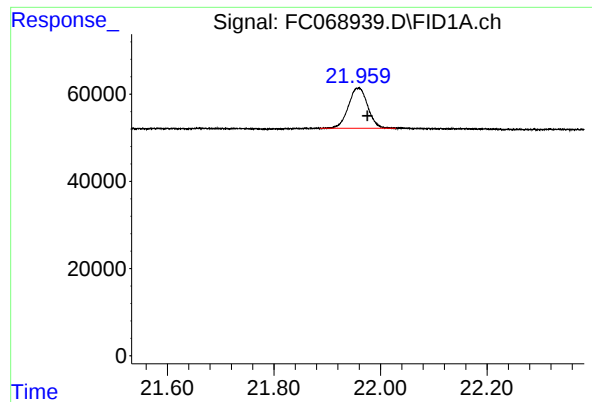
#20 n-Hexatriacontane (C36)

R.T.: 20.213 min
Delta R.T.: -0.009 min
Response: 245740
Conc: 2.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.985 min
Delta R.T.: -0.011 min
Response: 236944
Conc: 2.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.017 min
Response: 232942
Conc: 2.84 ug/ml

Instrument :

FID_C

ClientSampleId :

PB168080BL