

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090622AL\
 Data File : FE037428.D
 Signal(s) : FID1B.ch
 Acq On : 06 Sep 2022 20:39
 Operator : YP\AJ
 Sample : N4506-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 07 02:45:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.643	4622004	27.350 ug/ml
Spiked Amount 50.000		Recovery =	54.70%
12) S 1-chlorooctadecane (S...	13.068	3717957	28.889 ug/ml
Spiked Amount 50.000		Recovery =	57.78%
Target Compounds			
6) T n-Tetradecane (C14)	9.884	63200	0.399 ug/ml
7) T n-Hexadecane (C16)	9.884	63200	0.399 ug/ml
8) T n-Octadecane (C18)	11.318	77665	0.488 ug/ml
10) T n-Eicosane (C20)	12.620	300107	1.897 ug/ml
11) T n-Heneicosane (C21)	13.232	62866	0.399 ug/ml
13) T n-Docosane (C22)	13.815	159013	1.021 ug/ml
14) T n-Tetracosane (C24)	14.915	500392	3.327 ug/ml
15) T n-Hexacosane (C26)	15.929	194086	1.340 ug/ml
16) T n-Octacosane (C28)	16.878	311300	2.247 ug/ml
17) T n-Tricontane (C30)	17.756	332589	2.445 ug/ml
18) T n-Dotriacontane (C32)	18.588	454818	3.406 ug/ml
19) T n-Tetratriacontane (C34)	19.375	478181	3.779 ug/ml
20) T n-Hexatriacontane (C36)	20.108	215716	1.677 ug/ml
21) T n-Octatriacontane (C38)	20.806	588931	4.732 ug/ml
22) T n-Tetracontane (C40)	21.594	931714	7.227 ug/ml

(f)=RT Delta > 1/2 Window

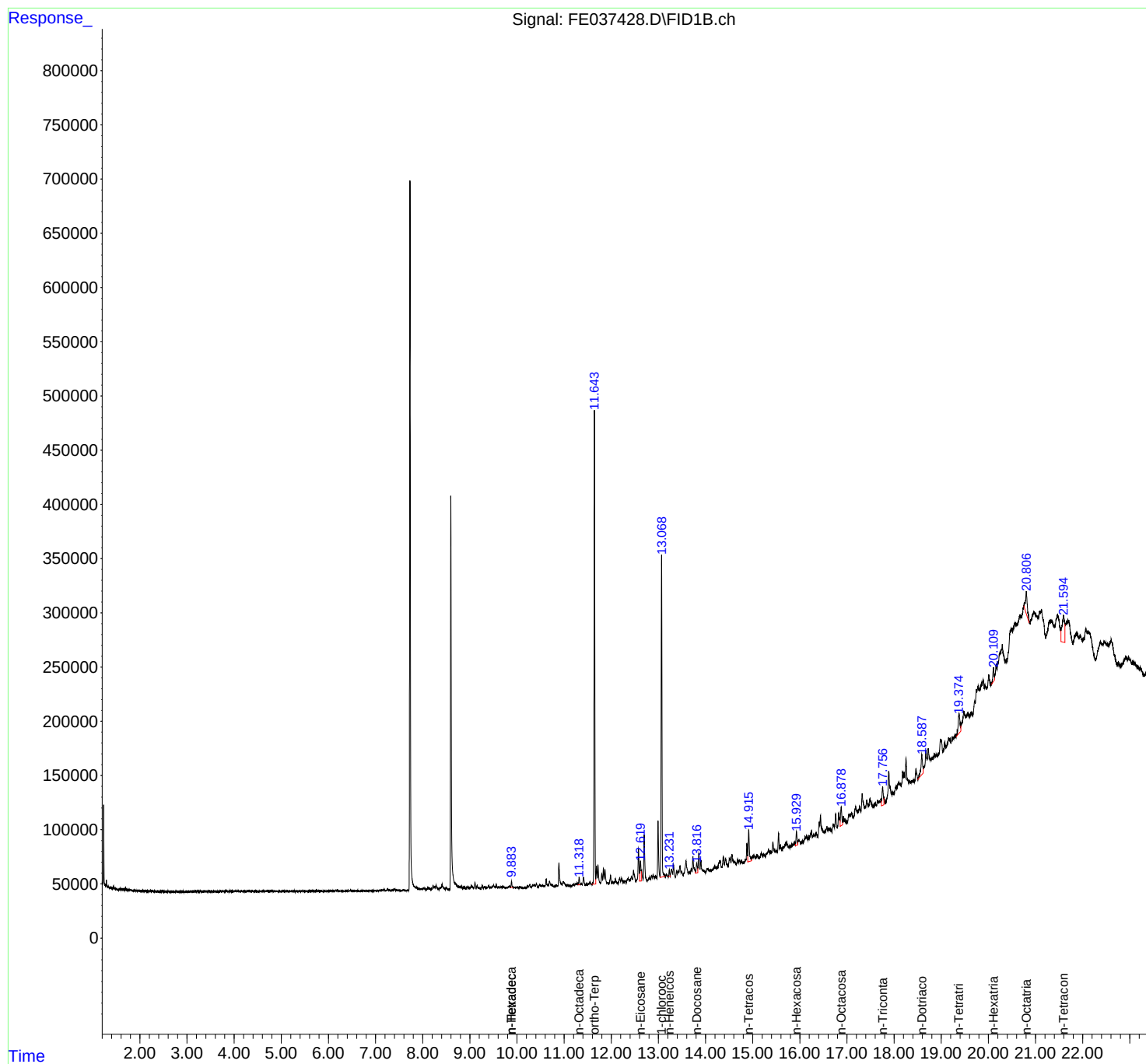
(m)=manual int.

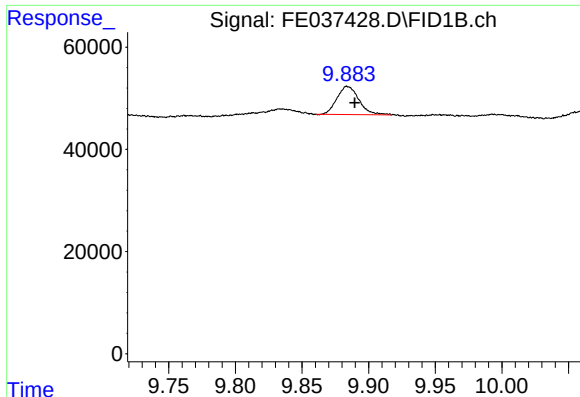
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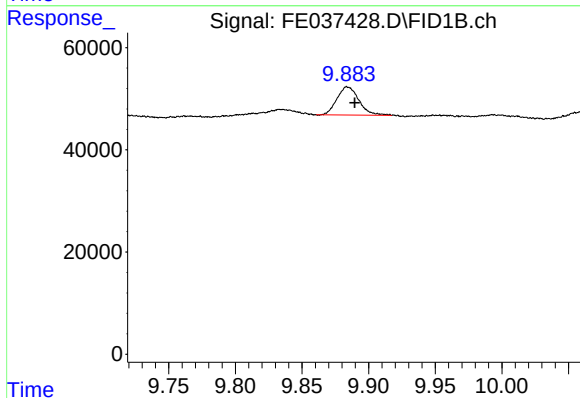




#6 n-Tetradecane (C14)

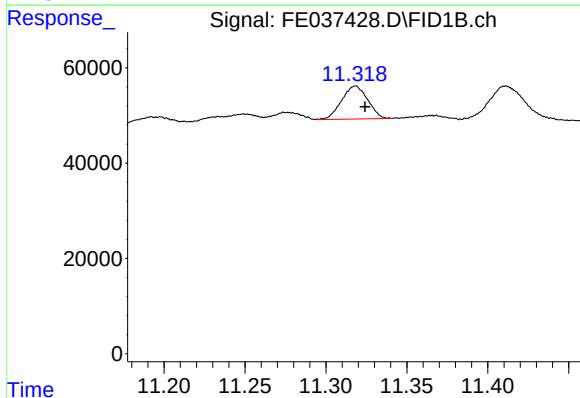
R.T.: 9.884 min
Delta R.T.: -0.005 min
Response: 63200
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :



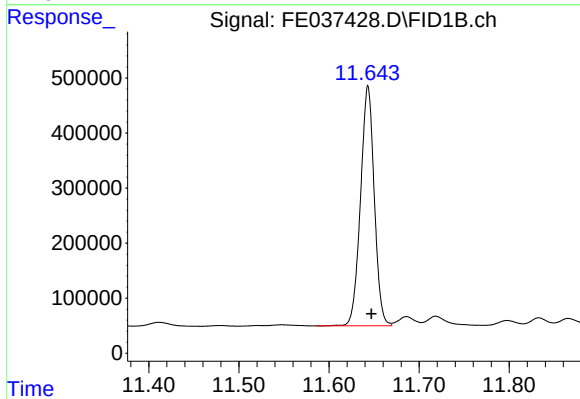
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.005 min
Response: 63200
Conc: 0.40 ug/ml



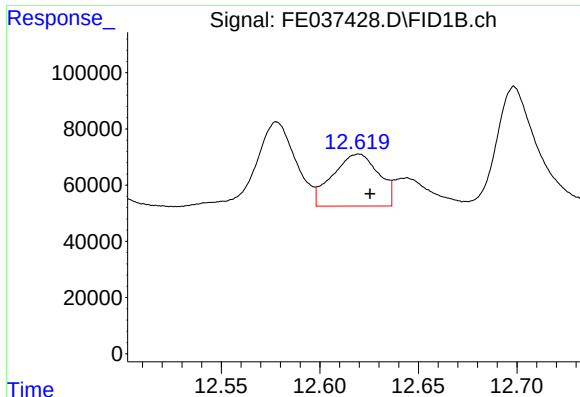
#8 n-Octadecane (C18)

R.T.: 11.318 min
Delta R.T.: -0.006 min
Response: 77665
Conc: 0.49 ug/ml



#9 ortho-Terphenyl (SURR)

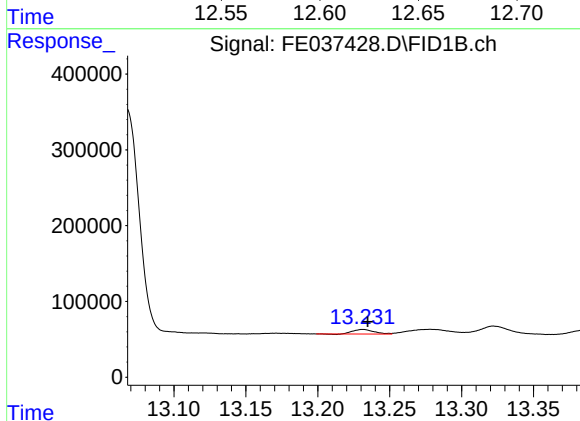
R.T.: 11.643 min
Delta R.T.: -0.004 min
Response: 4622004
Conc: 27.35 ug/ml



#10 n-Eicosane (C20)

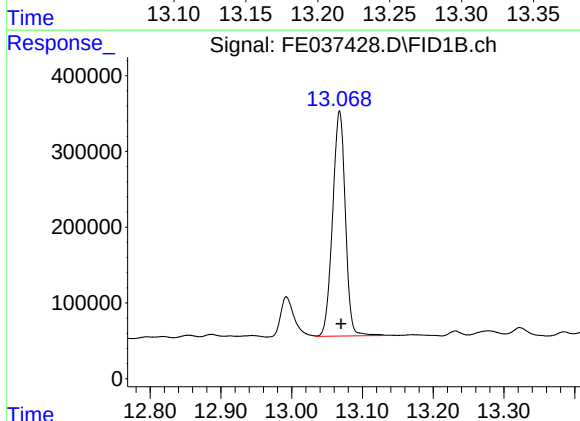
R.T.: 12.620 min
Delta R.T.: -0.006 min
Response: 300107
Conc: 1.90 ug/ml

Instrument :
FID_E
ClientSampleId :



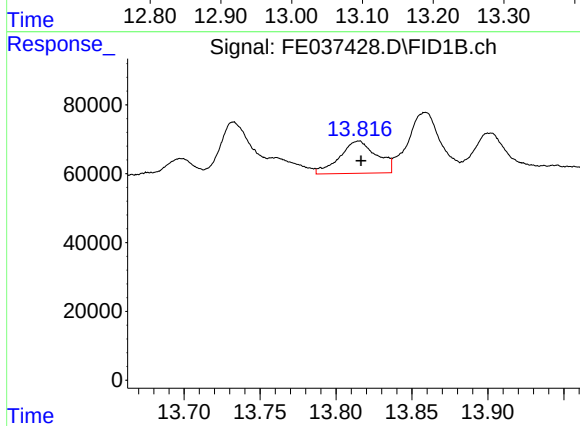
#11 n-Heneicosane (C21)

R.T.: 13.232 min
Delta R.T.: -0.003 min
Response: 62866
Conc: 0.40 ug/ml



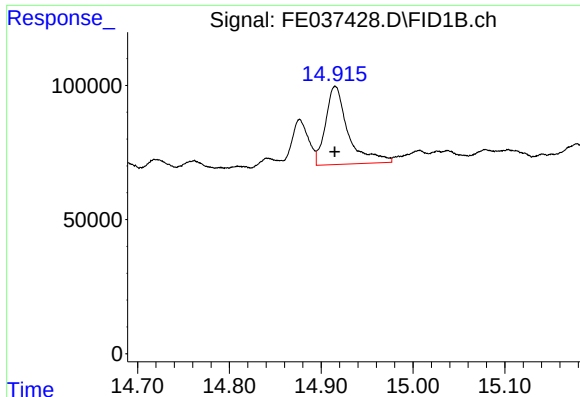
#12 1-chlorooctadecane (SURR)

R.T.: 13.068 min
Delta R.T.: -0.002 min
Response: 3717957
Conc: 28.89 ug/ml



#13 n-Docosane (C22)

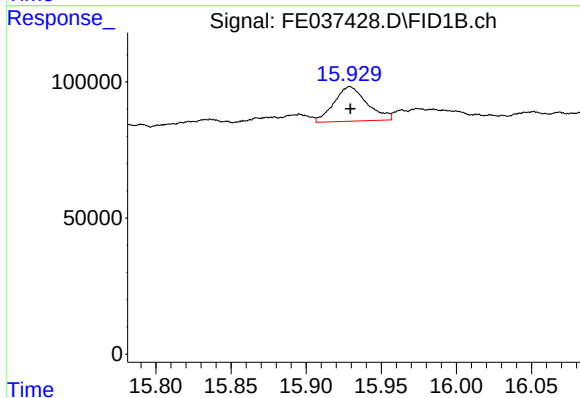
R.T.: 13.815 min
Delta R.T.: -0.001 min
Response: 159013
Conc: 1.02 ug/ml



#14 n-Tetracosane (C24)

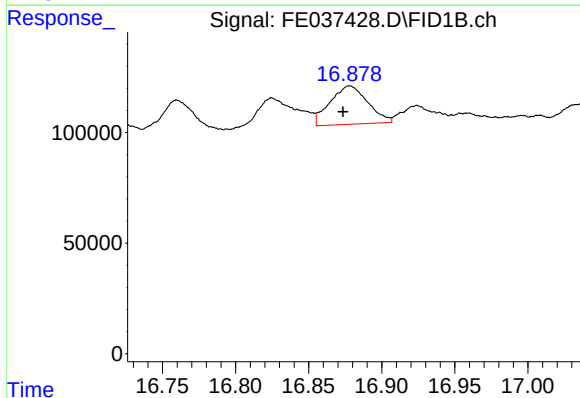
R.T.: 14.915 min
Delta R.T.: 0.000 min
Response: 500392
Conc: 3.33 ug/ml

Instrument :
FID_E
ClientSampleId :



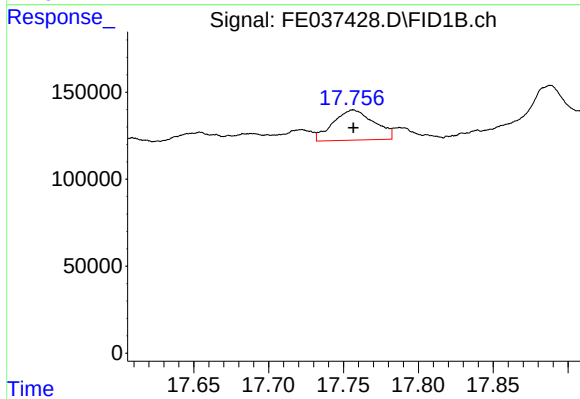
#15 n-Hexacosane (C26)

R.T.: 15.929 min
Delta R.T.: 0.000 min
Response: 194086
Conc: 1.34 ug/ml



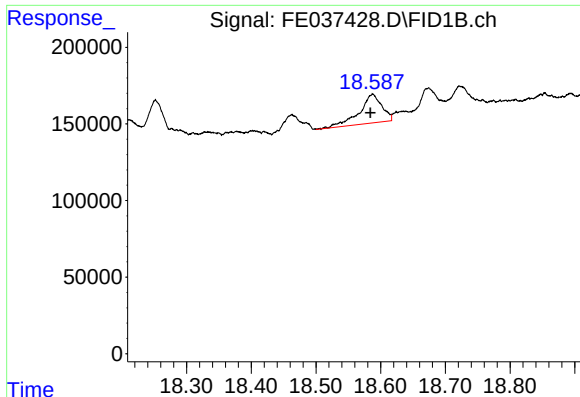
#16 n-Octacosane (C28)

R.T.: 16.878 min
Delta R.T.: 0.005 min
Response: 311300
Conc: 2.25 ug/ml



#17 n-Tricontane (C30)

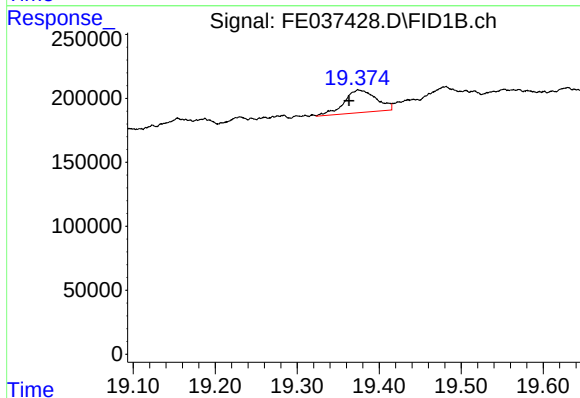
R.T.: 17.756 min
Delta R.T.: 0.000 min
Response: 332589
Conc: 2.44 ug/ml



#18 n-Dotriacontane (C32)

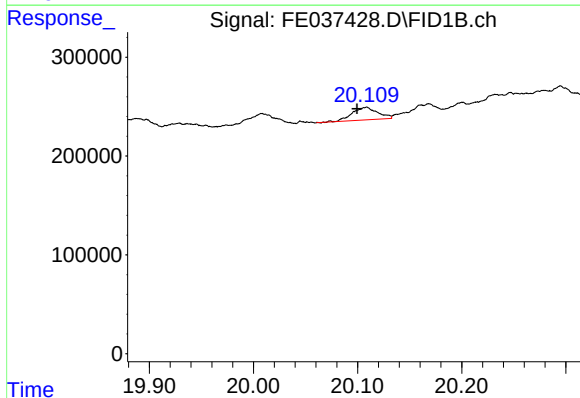
R.T.: 18.588 min
Delta R.T.: 0.004 min
Response: 454818
Conc: 3.41 ug/ml

Instrument :
FID_E
ClientSampleId :



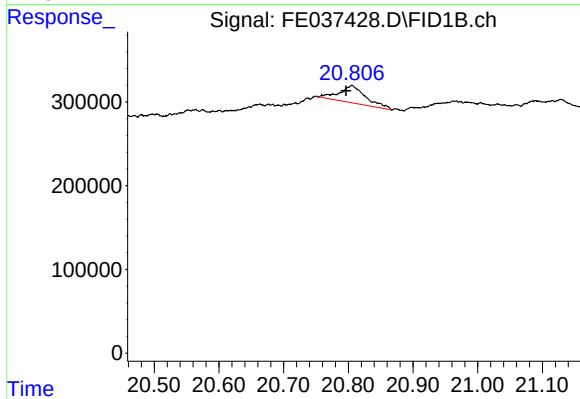
#19 n-Tetratriacontane (C34)

R.T.: 19.375 min
Delta R.T.: 0.011 min
Response: 478181
Conc: 3.78 ug/ml



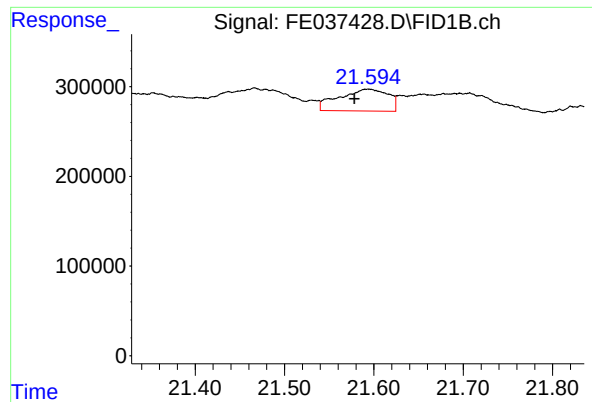
#20 n-Hexatriacontane (C36)

R.T.: 20.108 min
Delta R.T.: 0.009 min
Response: 215716
Conc: 1.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: 0.009 min
Response: 588931
Conc: 4.73 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 21.594 min
Delta R.T.: 0.016 min
Response: 931714
Conc: 7.23 ug/ml

Instrument :

FID_E

ClientSampleId :