

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062325AL\
 Data File : FC069248.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2025 17:12
 Operator : YP/AJ
 Sample : Q2386-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-1-062025

Integration File: autoint1.e
 Quant Time: Jun 24 01:26:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.698	5116400	29.616 ug/ml
Spiked Amount 50.000		Recovery =	59.23%
12) S 1-chlorooctadecane (S...	13.114	86325516	660.779 ug/ml
Spiked Amount 50.000		Recovery =	1321.56%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.075	105414	0.655 ug/ml
5) T A~2-methylnaphthalene...	7.134	803017	5.074 ug/ml
6) T n-Tetradecane (C14)	8.265	1817301	11.724 ug/ml
7) T n-Hexadecane (C16)	9.938	9512686	58.212 ug/ml
8) T n-Octadecane (C18)	11.351	158614	0.971 ug/ml
10) T n-Eicosane (C20)	12.631	7995919	52.384 ug/ml
11) T n-Heneicosane (C21)	13.288	189430	1.285 ug/ml
13) T n-Docosane (C22)	13.838	3206713	22.287 ug/ml
14) T n-Tetracosane (C24)	14.960	28638027	207.626 ug/ml
15) T n-Hexacosane (C26)	16.026	620782	4.749 ug/ml
16) T n-Octacosane (C28)	16.939	207420	1.682 ug/ml
17) T n-Tricontane (C30)	17.817	147239	1.239 ug/ml
18) T n-Dotriacontane (C32)	18.671	203323	1.860 ug/ml
19) T n-Tetratriacontane (C34)	19.456	97069	1.005 ug/ml
21) T n-Octatriacontane (C38)	20.941	100436	1.344 ug/ml

(f)=RT Delta > 1/2 Window

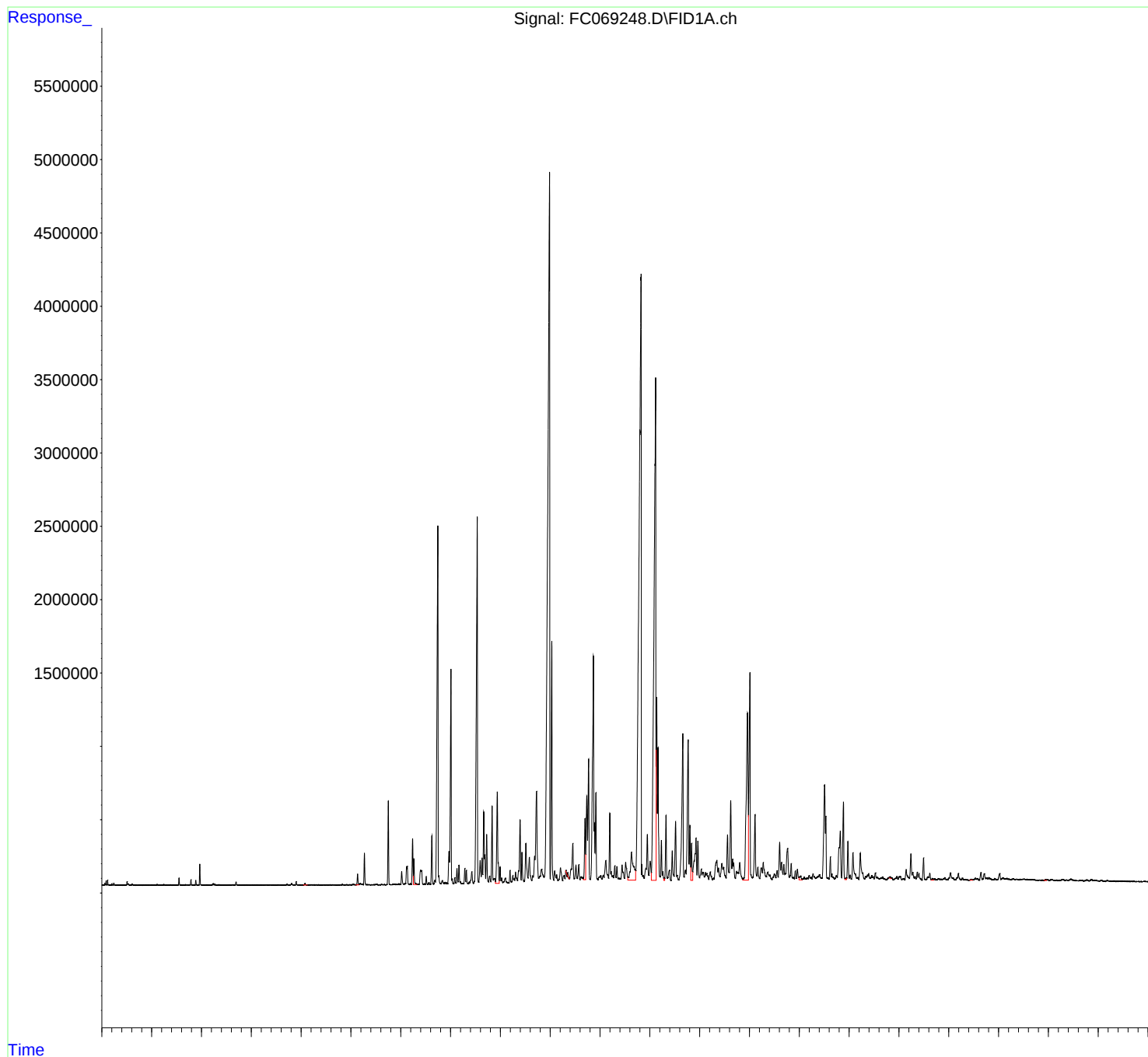
(m)=manual int.

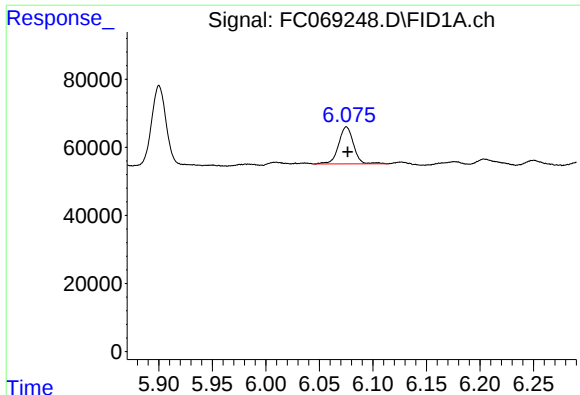
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

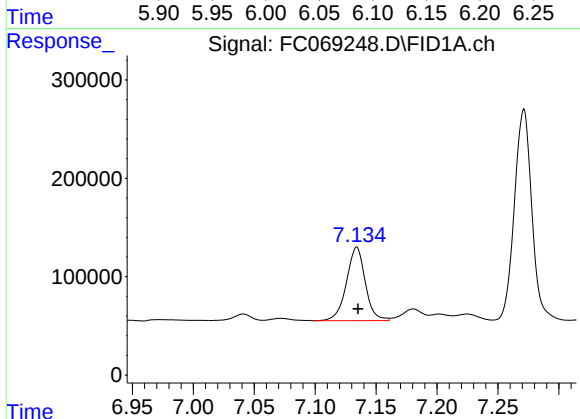




#3 A~Naphthalene (C11.7)

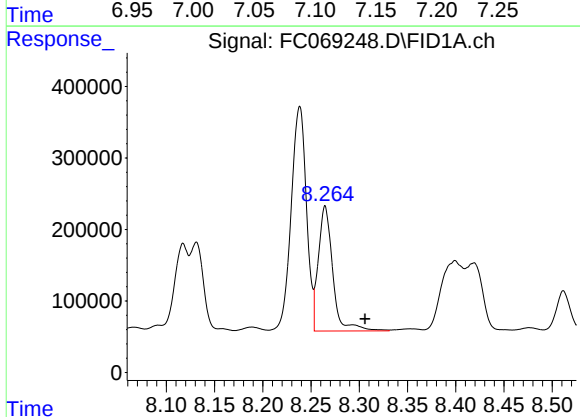
R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 105414
Conc: 0.66 ug/ml

Instrument :
FID_C
ClientSampleId :
SU-1-062025



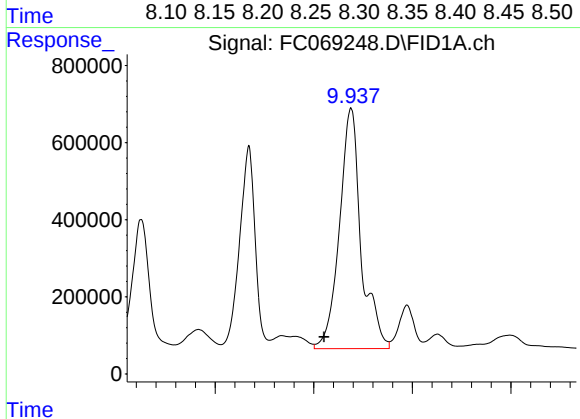
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.001 min
Response: 803017
Conc: 5.07 ug/ml



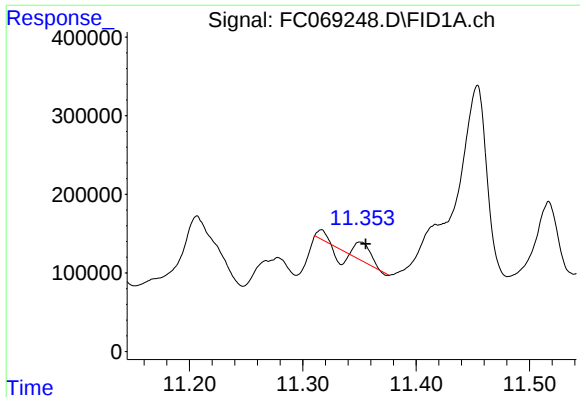
#6 n-Tetradecane (C14)

R.T.: 8.265 min
Delta R.T.: -0.041 min
Response: 1817301
Conc: 11.72 ug/ml



#7 n-Hexadecane (C16)

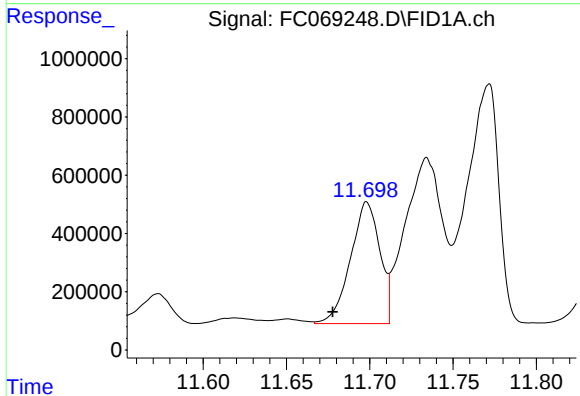
R.T.: 9.938 min
Delta R.T.: 0.027 min
Response: 9512686
Conc: 58.21 ug/ml



#8 n-Octadecane (C18)

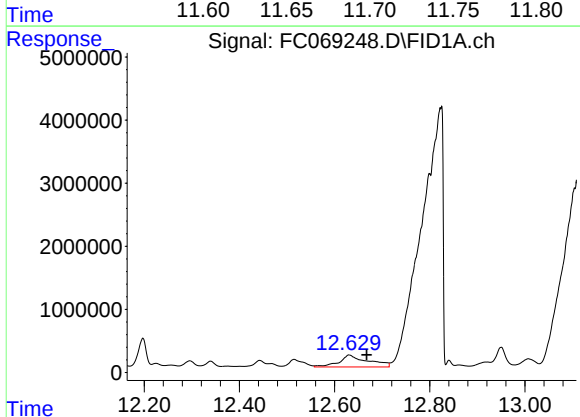
R.T.: 11.351 min
Delta R.T.: -0.004 min
Response: 158614
Conc: 0.97 ug/ml

Instrument :
FID_C
ClientSampleId :
SU-1-062025



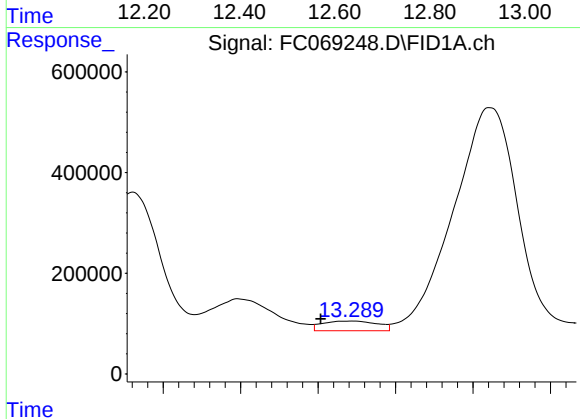
#9 ortho-Terphenyl (SURRE)

R.T.: 11.698 min
Delta R.T.: 0.021 min
Response: 5116400
Conc: 29.62 ug/ml



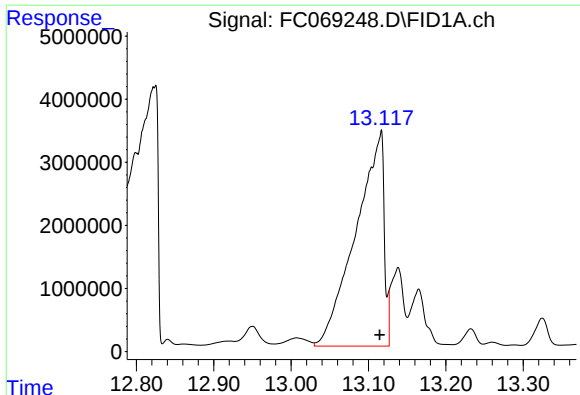
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: -0.037 min
Response: 7995919
Conc: 52.38 ug/ml



#11 n-Heneicosane (C21)

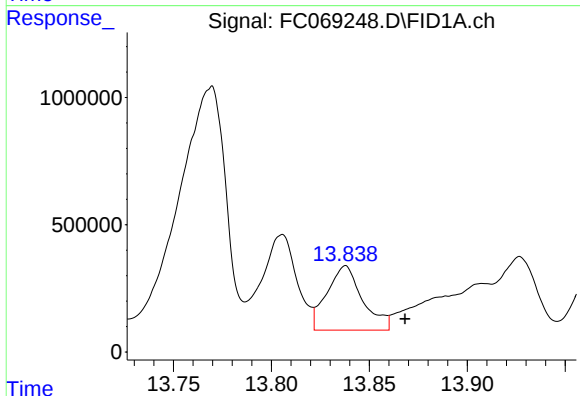
R.T.: 13.288 min
Delta R.T.: 0.008 min
Response: 189430
Conc: 1.29 ug/ml



#12 1-chlorooctadecane (SURR)

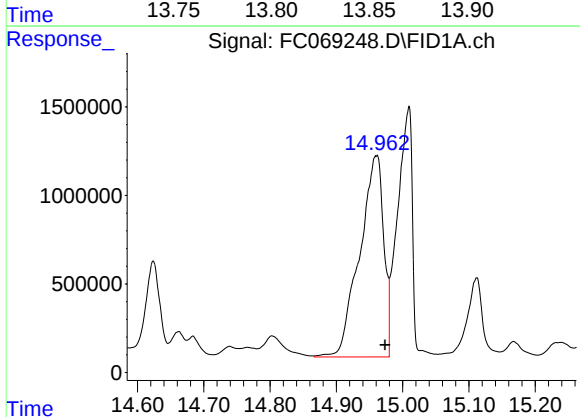
R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 86325516
Conc: 660.78 ug/ml

Instrument :
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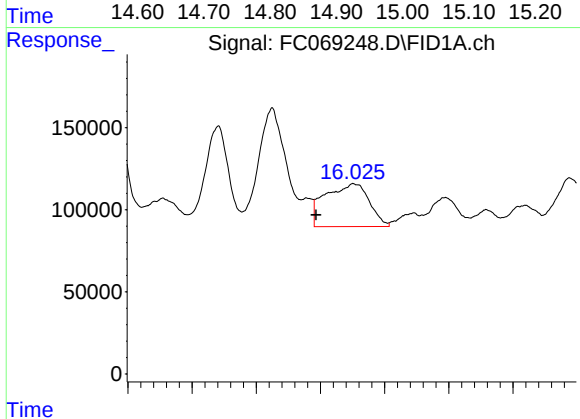
#13 n-Docosane (C22)

R.T.: 13.838 min
Delta R.T.: -0.031 min
Response: 3206713
Conc: 22.29 ug/ml



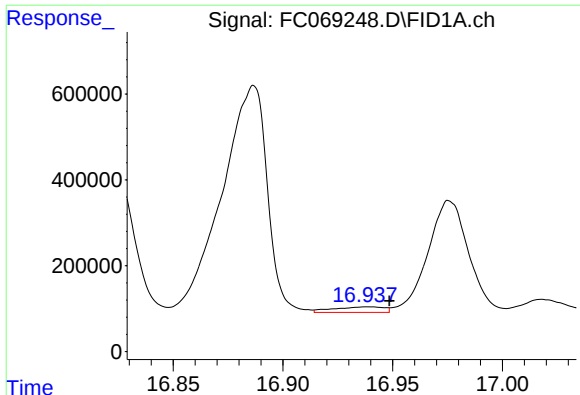
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: -0.013 min
Response: 28638027
Conc: 207.63 ug/ml



#15 n-Hexacosane (C26)

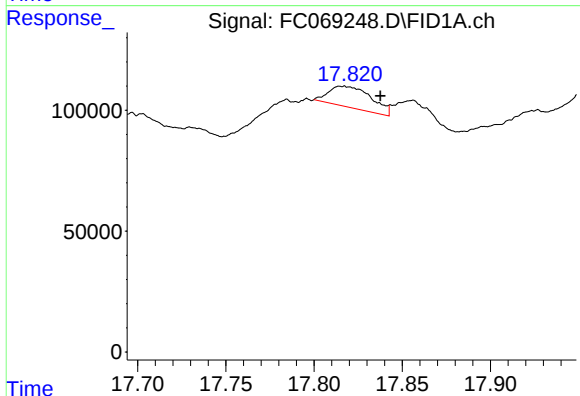
R.T.: 16.026 min
Delta R.T.: 0.030 min
Response: 620782
Conc: 4.75 ug/ml



#16 n-Octacosane (C28)

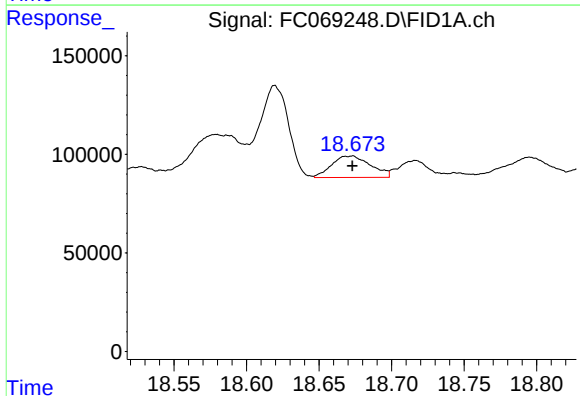
R.T.: 16.939 min
Delta R.T.: -0.010 min
Response: 207420
Conc: 1.68 ug/ml

Instrument :
FID_C
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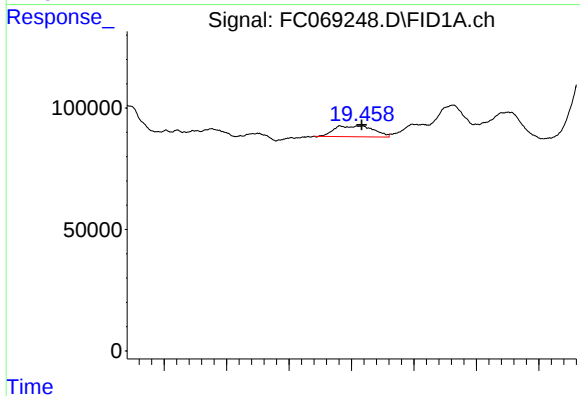
#17 n-Tricontane (C30)

R.T.: 17.817 min
Delta R.T.: -0.021 min
Response: 147239
Conc: 1.24 ug/ml



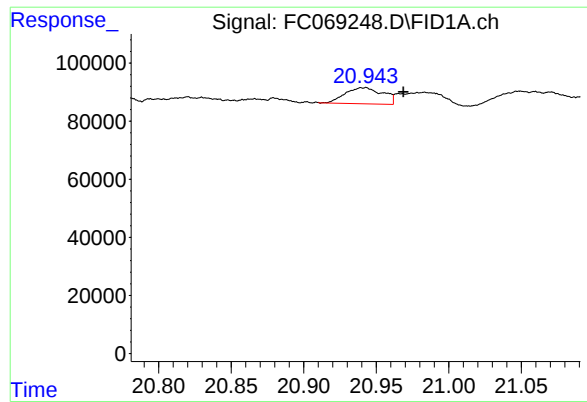
#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: -0.002 min
Response: 203323
Conc: 1.86 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: -0.002 min
Response: 97069
Conc: 1.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.941 min
Delta R.T.: -0.027 min
Response: 100436
Conc: 1.34 ug/ml

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