

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020223AL\
 Data File : FC062862.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2023 18:29
 Operator : YP/AJ
 Sample : 01401-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 23:39:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 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)	11.551	3759961	30.238 ug/ml
Spiked Amount 50.000		Recovery =	60.48%
12) S 1-chlorooctadecane (S...	12.991	3823154	40.534 ug/ml
Spiked Amount 50.000		Recovery =	81.07%
Target Compounds			
6) T n-Tetradecane (C14)	8.189	182872	1.783 ug/ml
7) T n-Hexadecane (C16)	9.791	214190	1.980 ug/ml
8) T n-Octadecane (C18)	11.234	214960	1.939 ug/ml
10) T n-Eicosane (C20)	12.546	343407	3.150 ug/ml
11) T n-Heneicosane (C21)	13.158	290382	2.668 ug/ml
13) T n-Docosane (C22)	13.745	379987	3.527 ug/ml
14) T n-Tetracosane (C24)	14.848	407297	3.803 ug/ml
15) T n-Hexacosane (C26)	15.873	633899	6.015 ug/ml
16) T n-Octacosane (C28)	16.840	1348536	12.906 ug/ml
17) T n-Tricontane (C30)	17.715	2583174	24.738 ug/ml
18) T n-Dotriacontane (C32)	18.514	1484522	13.744 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2614968	24.878 ug/ml
20) T n-Hexatriacontane (C36)	20.032	3632254	36.068 ug/ml
21) T n-Octatriacontane (C38)	20.799	2811270	28.000 ug/ml
22) T n-Tetracontane (C40)	21.631	1669799	17.324 ug/ml

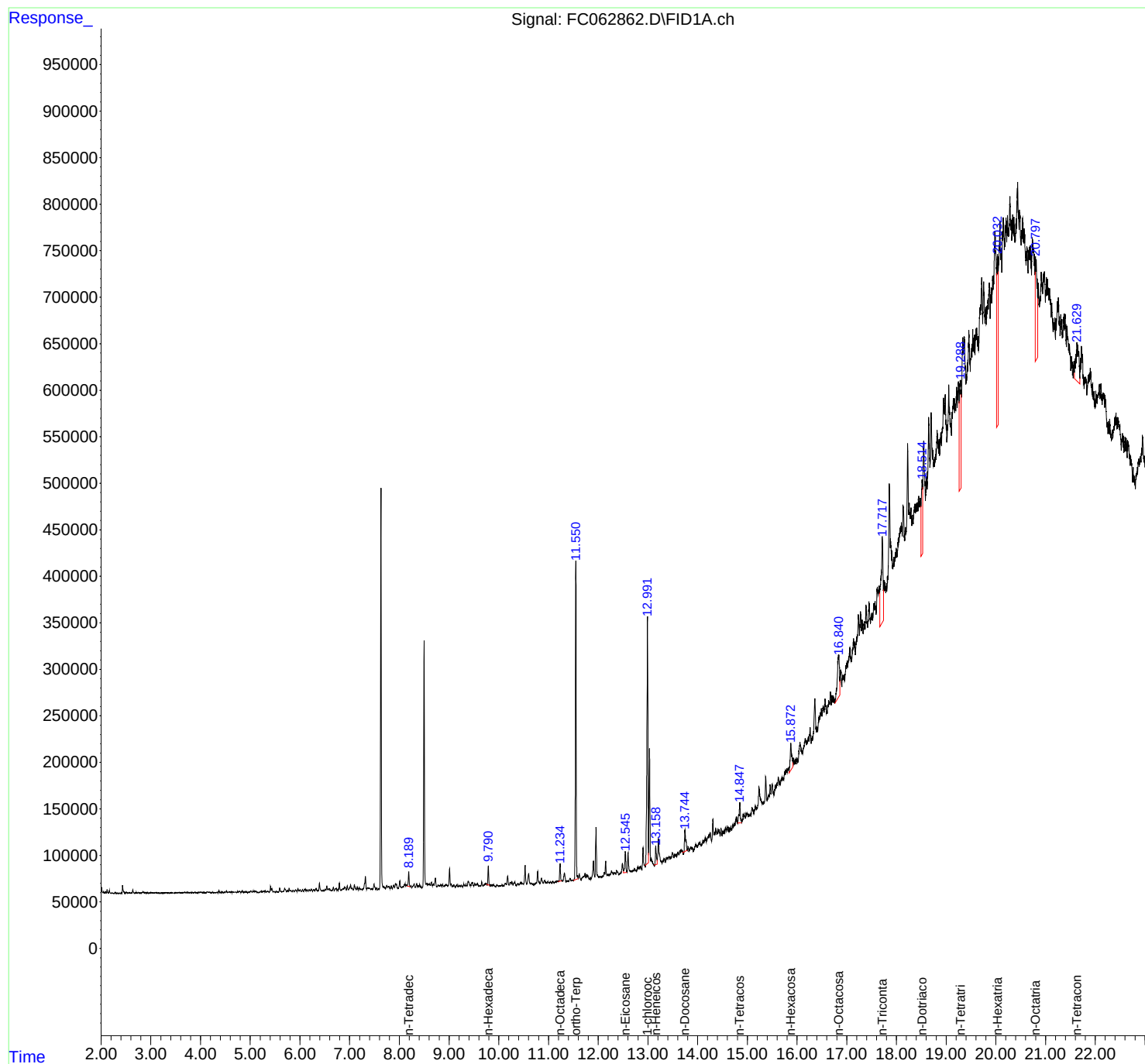
(f)=RT Delta > 1/2 Window

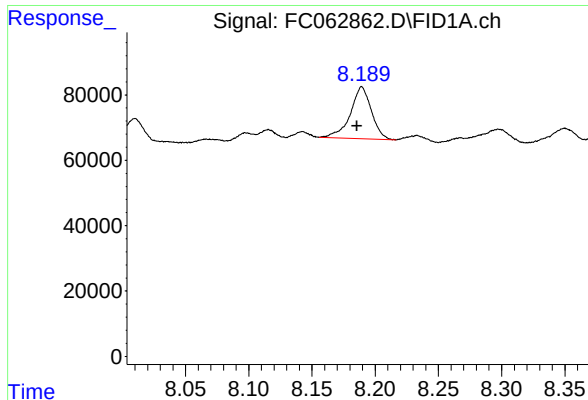
(m)=manual int.

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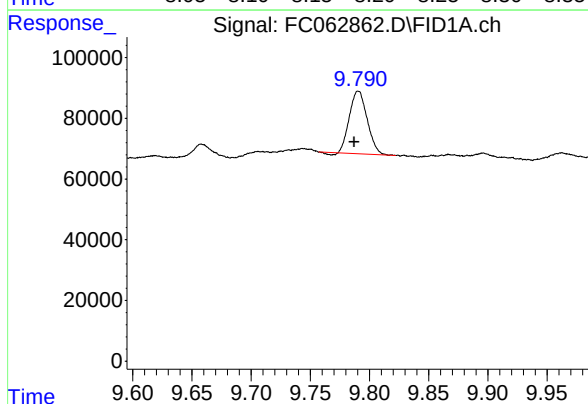
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Signal Info : 20M x 0.18mm x 0.18um





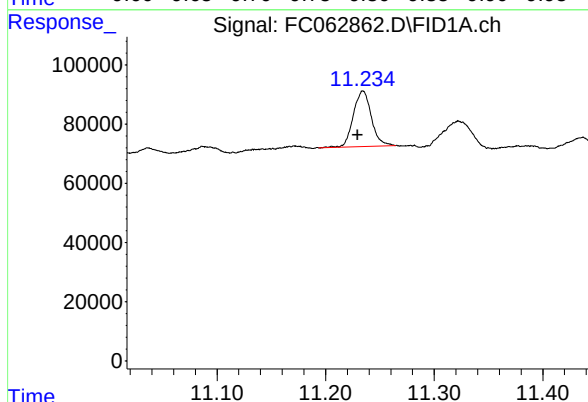
#6 n-Tetradecane (C14)

R.T.: 8.189 min
Delta R.T.: 0.004 min
Response: 182872
Conc: 1.78 ug/ml



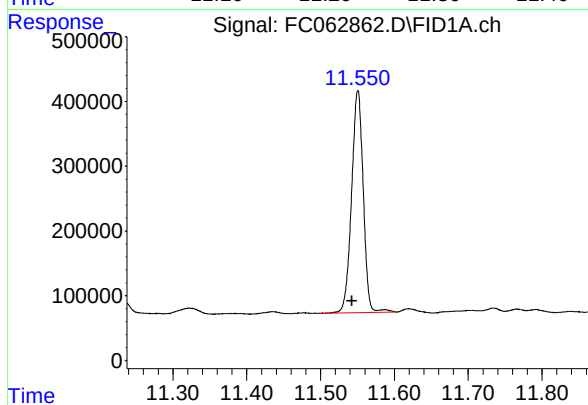
#7 n-Hexadecane (C16)

R.T.: 9.791 min
Delta R.T.: 0.003 min
Response: 214190
Conc: 1.98 ug/ml



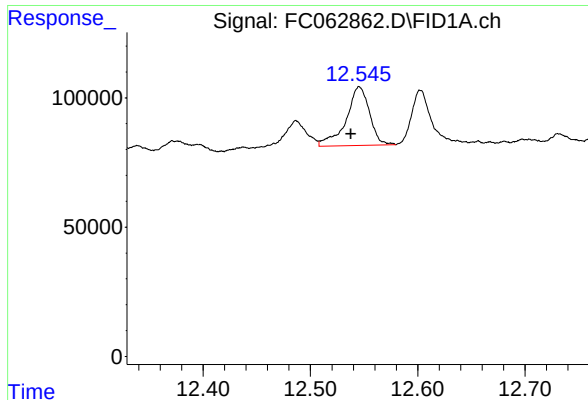
#8 n-Octadecane (C18)

R.T.: 11.234 min
Delta R.T.: 0.005 min
Response: 214960
Conc: 1.94 ug/ml



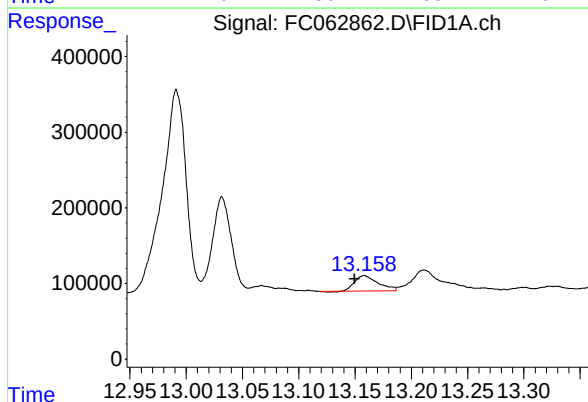
#9 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.008 min
Response: 3759961
Conc: 30.24 ug/ml



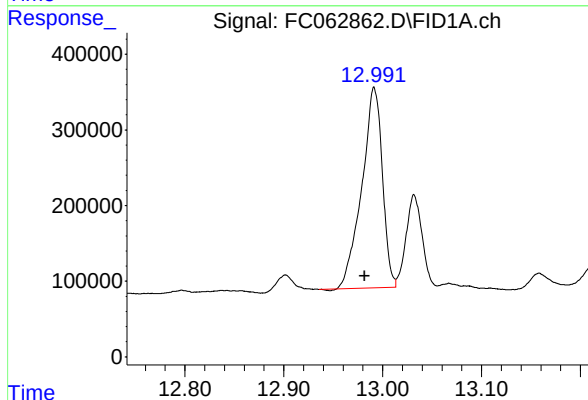
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: 0.008 min
Response: 343407
Conc: 3.15 ug/ml



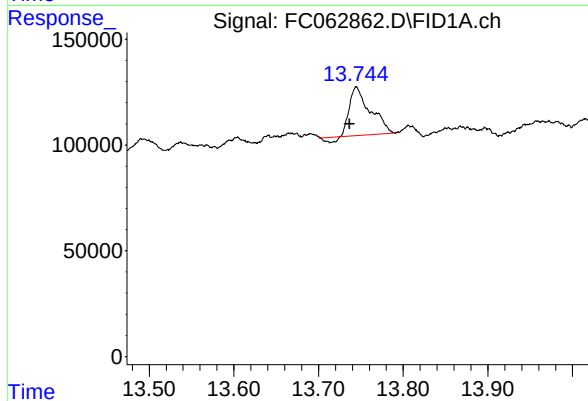
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.009 min
Response: 290382
Conc: 2.67 ug/ml



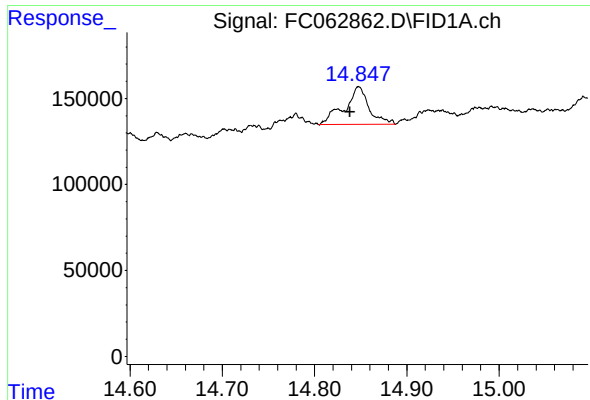
#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: 0.010 min
Response: 3823154
Conc: 40.53 ug/ml



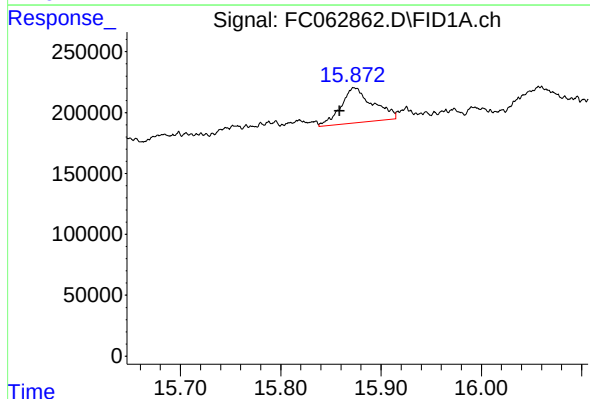
#13 n-Docosane (C22)

R.T.: 13.745 min
Delta R.T.: 0.008 min
Response: 379987
Conc: 3.53 ug/ml



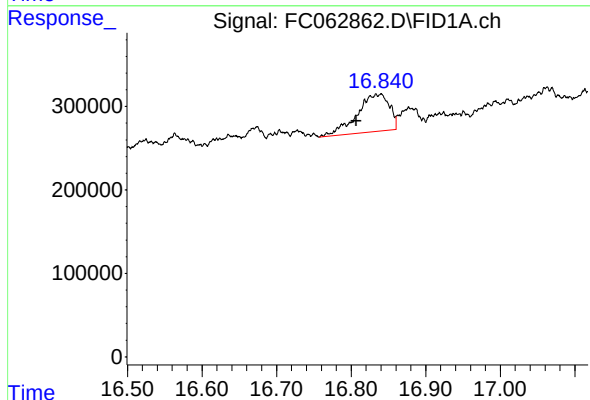
#14 n-Tetracosane (C24)

R.T.: 14.848 min
Delta R.T.: 0.009 min
Response: 407297
Conc: 3.80 ug/ml



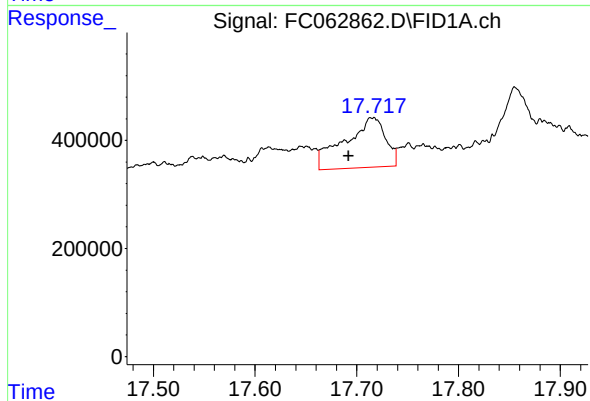
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: 0.015 min
Response: 633899
Conc: 6.02 ug/ml



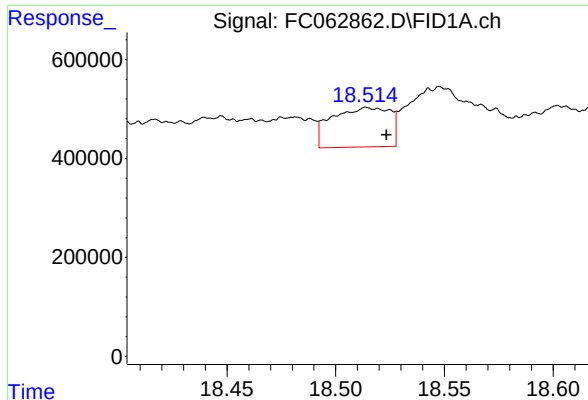
#16 n-Octacosane (C28)

R.T.: 16.840 min
Delta R.T.: 0.033 min
Response: 1348536
Conc: 12.91 ug/ml



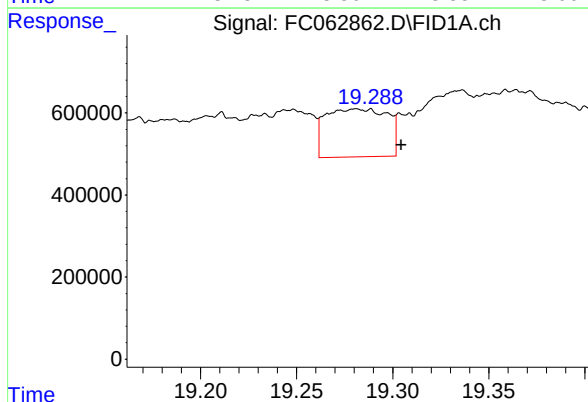
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: 0.023 min
Response: 2583174
Conc: 24.74 ug/ml



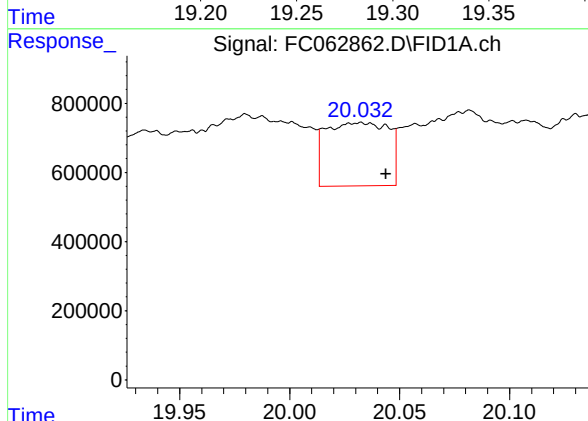
#18 n-Dotriacontane (C32)

R.T.: 18.514 min
Delta R.T.: -0.009 min
Response: 1484522
Conc: 13.74 ug/ml



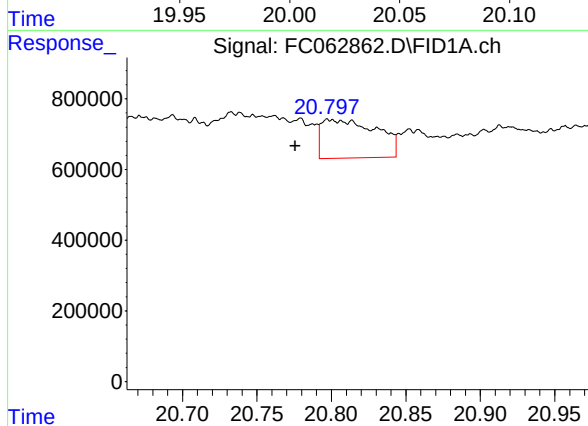
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min
Delta R.T.: -0.024 min
Response: 2614968
Conc: 24.88 ug/ml



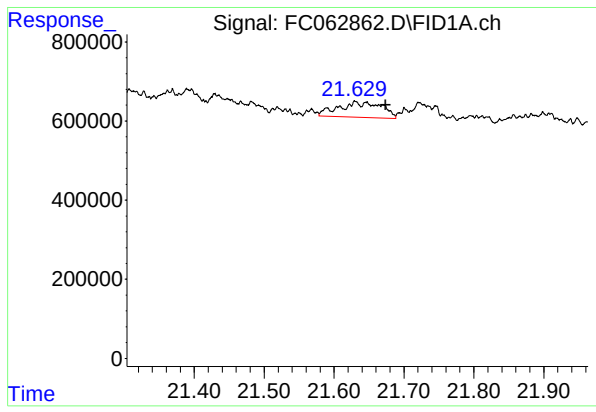
#20 n-Hexatriacontane (C36)

R.T.: 20.032 min
Delta R.T.: -0.012 min
Response: 3632254
Conc: 36.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.023 min
Response: 2811270
Conc: 28.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.631 min
Delta R.T.: -0.043 min
Response: 1669799
Conc: 17.32 ug/ml