

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031623AL\
 Data File : FE040848.D
 Signal(s) : FID1B.ch
 Acq On : 16 Mar 2023 23:23
 Operator : YP\AJ
 Sample : 01944-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 17 03:07:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.875	5752028	30.790 ug/ml
Spiked Amount 50.000		Recovery =	61.58%
12) S 1-chlorooctadecane (S...	13.313	4442853	30.018 ug/ml
Spiked Amount 50.000		Recovery =	60.04%
Target Compounds			
6) T n-Tetradecane (C14)	8.508	40825	0.264 ug/ml
7) T n-Hexadecane (C16)	10.115	66205	0.410 ug/ml
8) T n-Octadecane (C18)	11.557	69030	0.407 ug/ml
10) T n-Eicosane (C20)	12.867	52233	0.309 ug/ml
11) T n-Heneicosane (C21)	13.480	31465	0.184 ug/ml
13) T n-Docosane (C22)	14.066	26901	0.157 ug/ml
14) T n-Tetracosane (C24)	15.170	84248	0.489 ug/ml
15) T n-Hexacosane (C26)	16.191	46925	0.276 ug/ml
16) T n-Octacosane (C28)	17.142	56450	0.337 ug/ml
17) T n-Tricontane (C30)	18.033	79664	0.488 ug/ml
18) T n-Dotriacontane (C32)	18.860	109892	0.642 ug/ml
19) T n-Tetratriacontane (C34)	19.653	47887	0.310 ug/ml
20) T n-Hexatriacontane (C36)	20.394	59026	0.406 ug/ml
21) T n-Octatriacontane (C38)	21.120	25187	0.183 ug/ml
22) T n-Tetracontane (C40)	22.013	103912	0.672 ug/ml

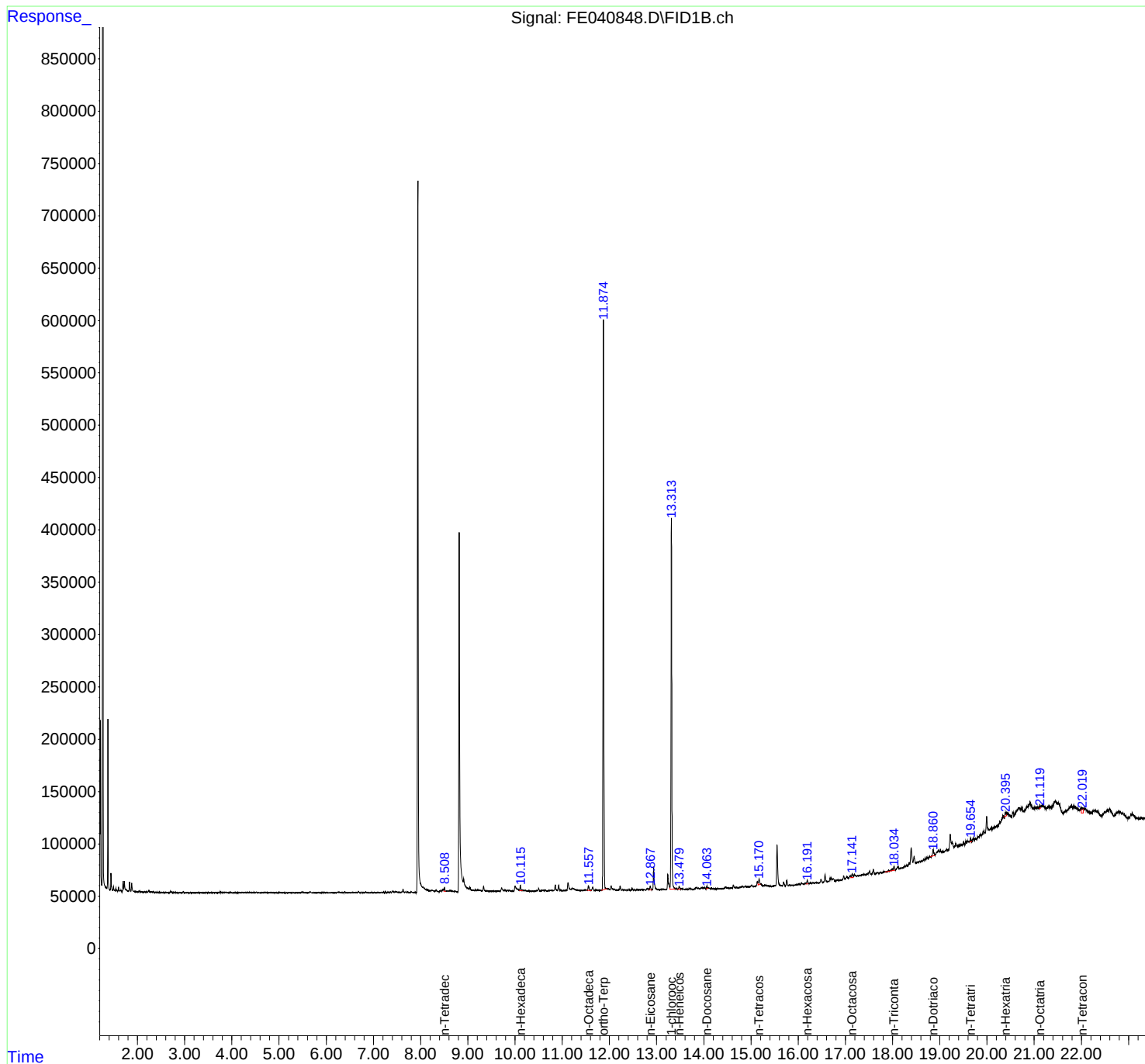
(f)=RT Delta > 1/2 Window

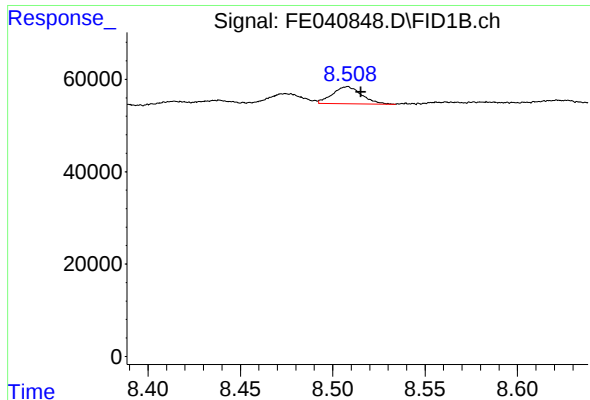
(m)=manual int.

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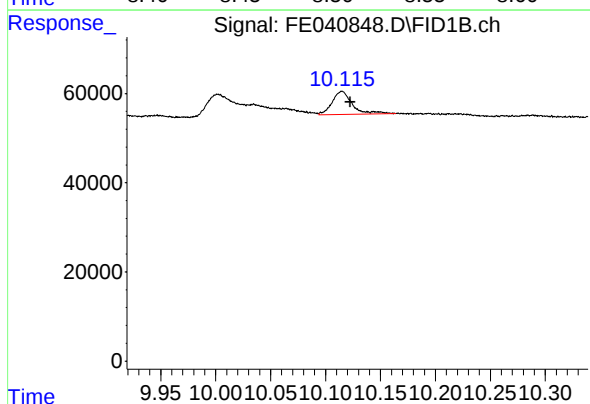
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Signal Info : 20M x 0.18mm x 0.18um





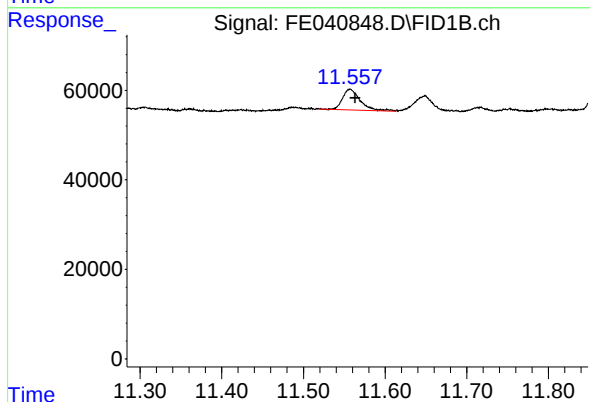
#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: -0.008 min
Response: 40825
Conc: 0.26 ug/ml



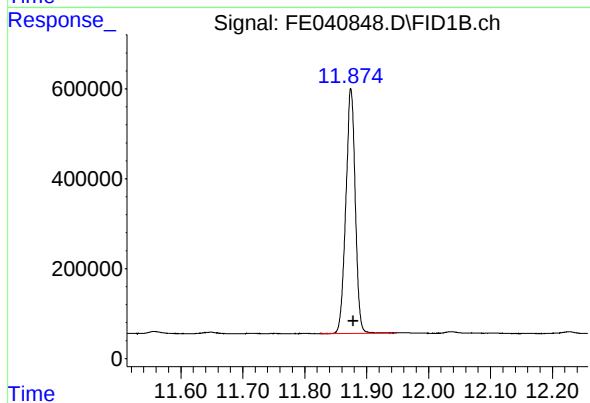
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.008 min
Response: 66205
Conc: 0.41 ug/ml



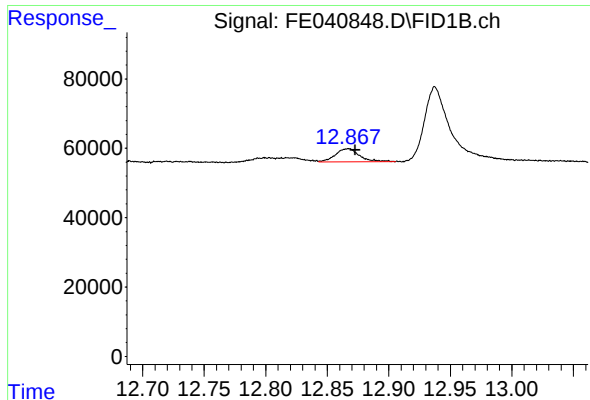
#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.006 min
Response: 69030
Conc: 0.41 ug/ml



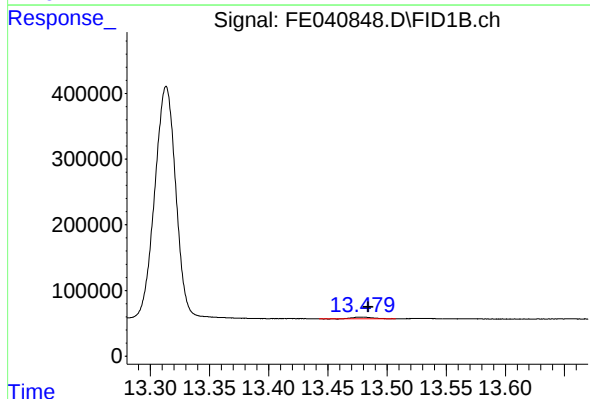
#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: -0.004 min
Response: 5752028
Conc: 30.79 ug/ml



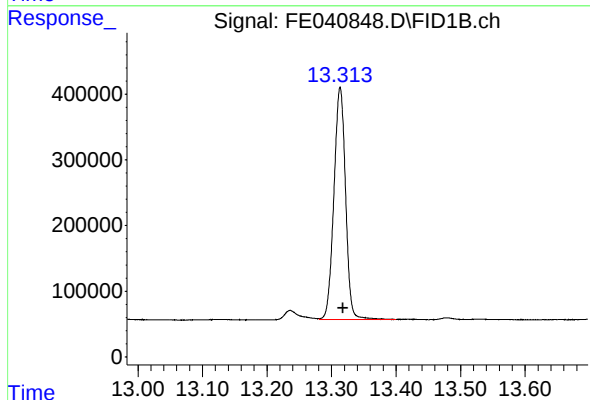
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: -0.006 min
Response: 52233
Conc: 0.31 ug/ml



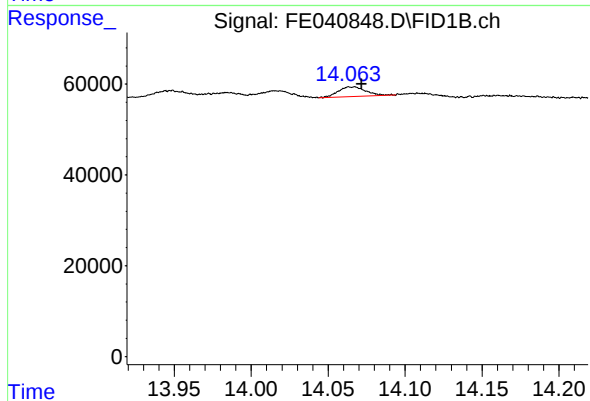
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.004 min
Response: 31465
Conc: 0.18 ug/ml



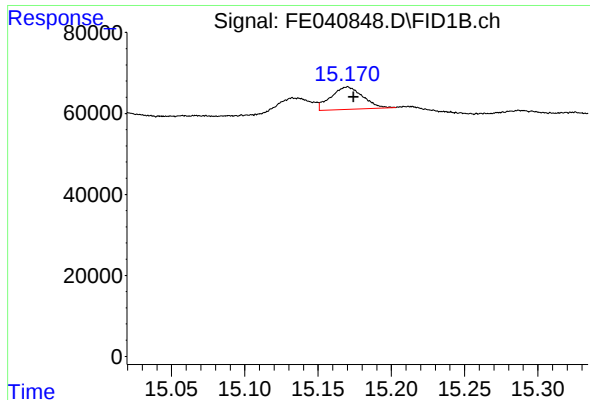
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.005 min
Response: 4442853
Conc: 30.02 ug/ml



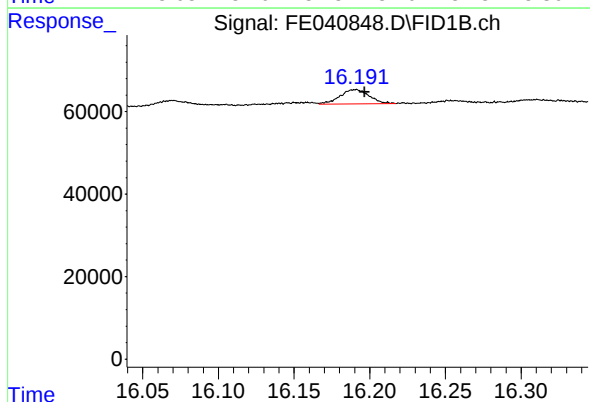
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.005 min
Response: 26901
Conc: 0.16 ug/ml



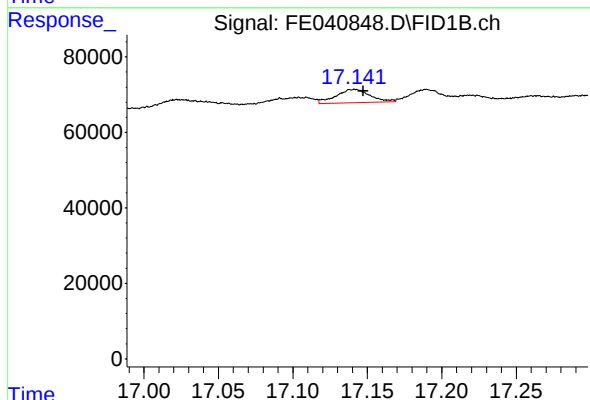
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.004 min
Response: 84248
Conc: 0.49 ug/ml



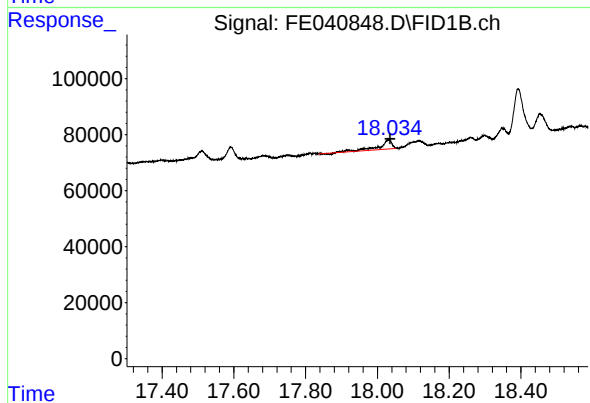
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: -0.006 min
Response: 46925
Conc: 0.28 ug/ml



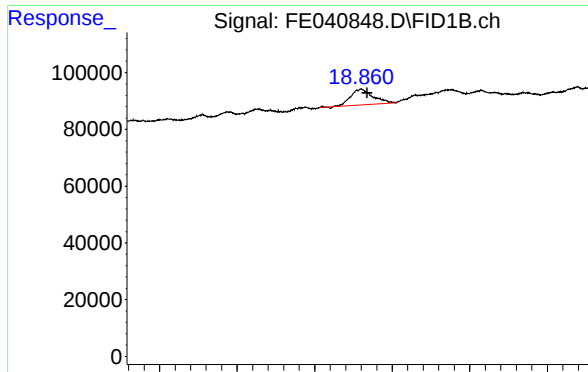
#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: -0.006 min
Response: 56450
Conc: 0.34 ug/ml



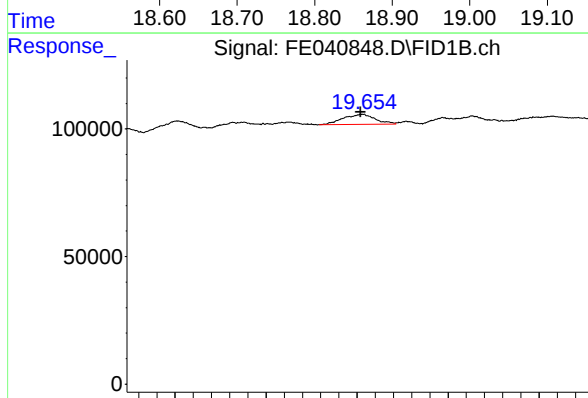
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: -0.003 min
Response: 79664
Conc: 0.49 ug/ml



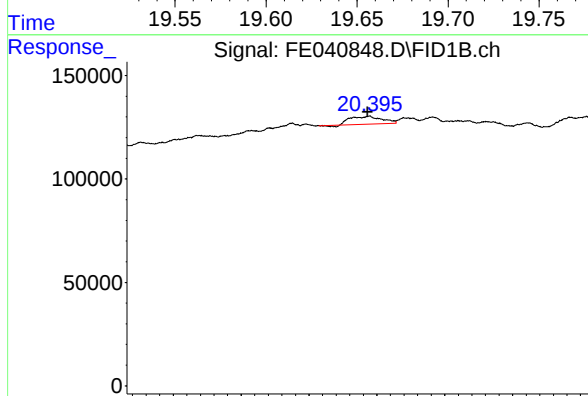
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: -0.008 min
Response: 109892
Conc: 0.64 ug/ml



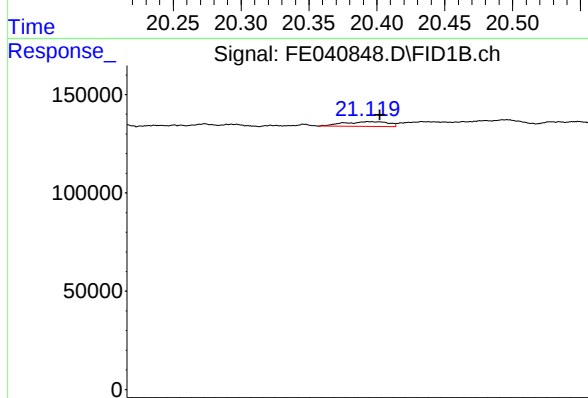
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.000 min
Response: 47887
Conc: 0.31 ug/ml



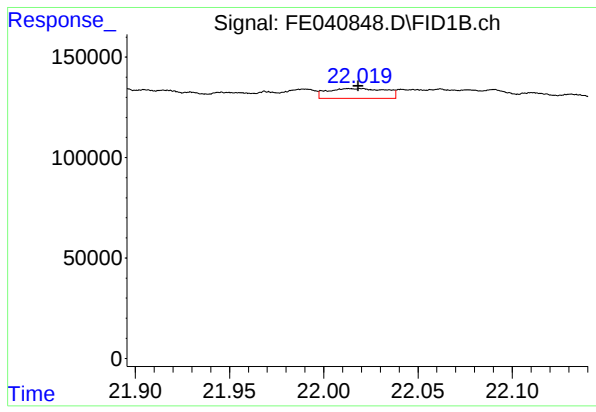
#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: 0.001 min
Response: 59026
Conc: 0.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: -0.004 min
Response: 25187
Conc: 0.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.013 min
Delta R.T.: -0.005 min
Response: 103912
Conc: 0.67 ug/ml