

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030423AL\
 Data File : FE040666.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2023 12:35
 Operator : YP\AJ
 Sample : 01742-02DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 03 23:32:00 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)	11.881	1129030	6.044 ug/ml
Spiked Amount 50.000		Recovery =	12.09%
12) S 1-chlorooctadecane (S...	13.321	877292	5.927 ug/ml
Spiked Amount 50.000		Recovery =	11.85%
Target Compounds			
6) T n-Tetradecane (C14)	8.516	47030	0.304 ug/ml
7) T n-Hexadecane (C16)	10.123	63407	0.393 ug/ml
8) T n-Octadecane (C18)	11.566	49594	0.292 ug/ml
10) T n-Eicosane (C20)	12.878	53920	0.319 ug/ml
11) T n-Heneicosane (C21)	13.495	17790	0.104 ug/ml
13) T n-Docosane (C22)	14.079	72909	0.426 ug/ml
14) T n-Tetracosane (C24)	15.181	152865	0.887 ug/ml
15) T n-Hexacosane (C26)	16.201	79403	0.467 ug/ml
16) T n-Octacosane (C28)	17.152	155664	0.928 ug/ml
17) T n-Tricontane (C30)	18.041	198489	1.216 ug/ml
18) T n-Dotriacontane (C32)	18.874	204694	1.196 ug/ml
19) T n-Tetratriacontane (C34)	19.659	147819	0.956 ug/ml
20) T n-Hexatriacontane (C36)	20.403	130104	0.896 ug/ml
21) T n-Octatriacontane (C38)	21.130	414061	3.012 ug/ml
22) T n-Tetracontane (C40)	22.046	321649	2.082 ug/ml

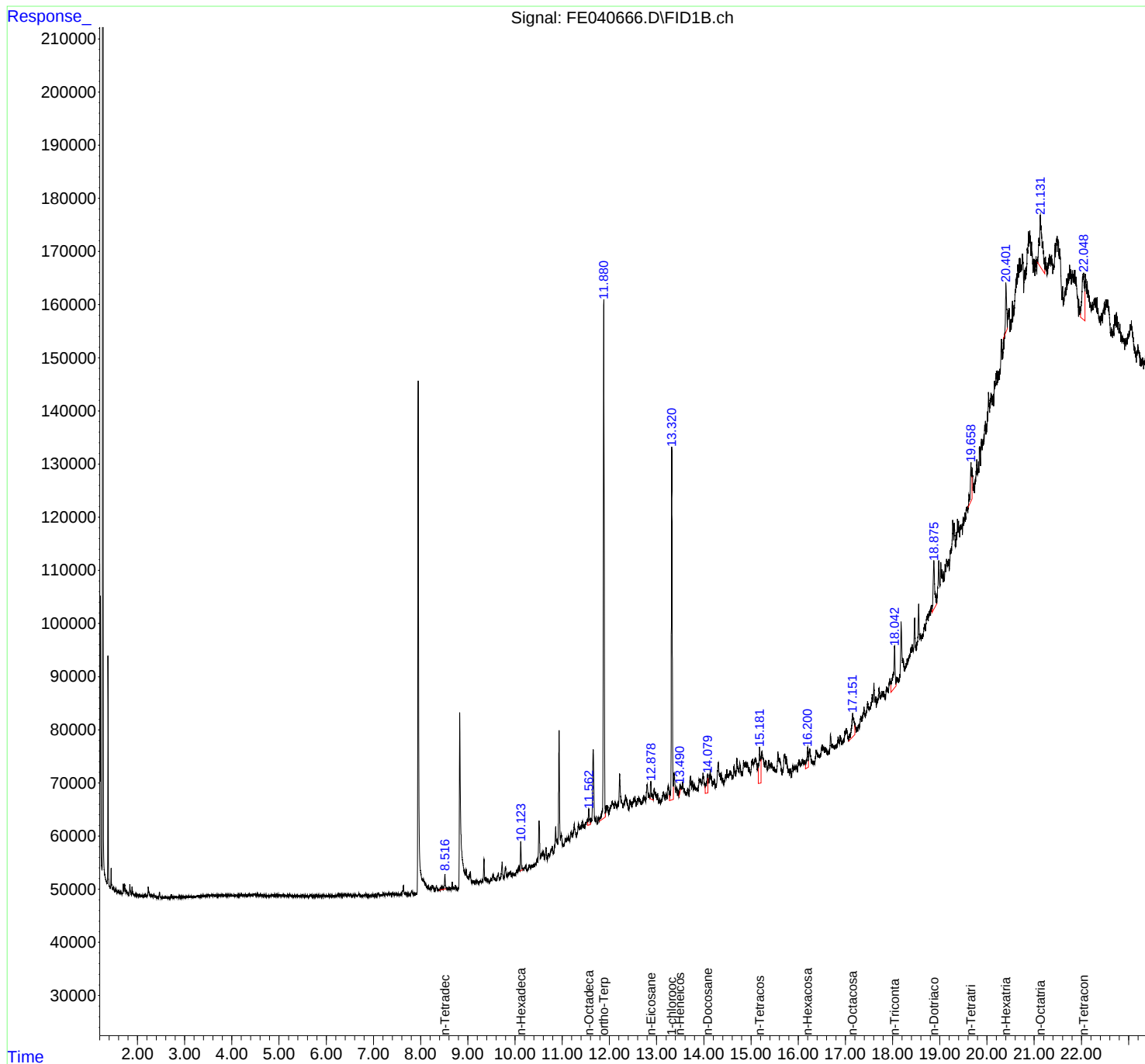
(f)=RT Delta > 1/2 Window

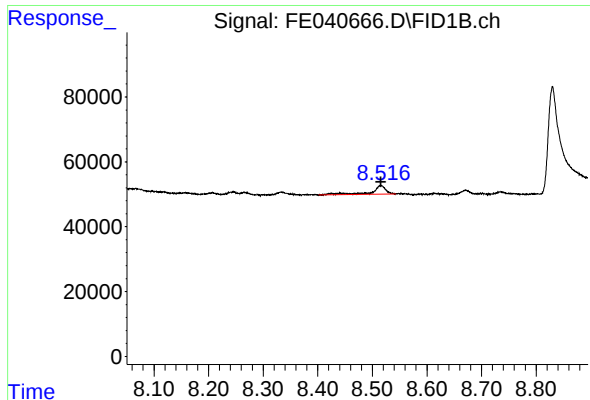
(m)=manual int.

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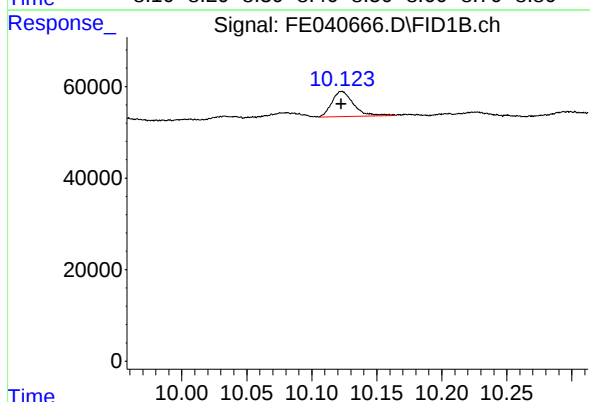
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





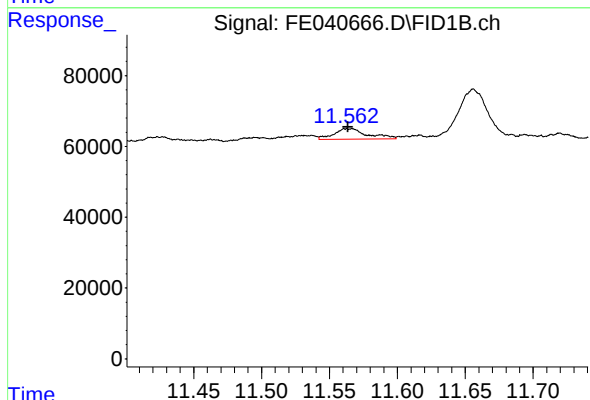
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 47030
Conc: 0.30 ug/ml



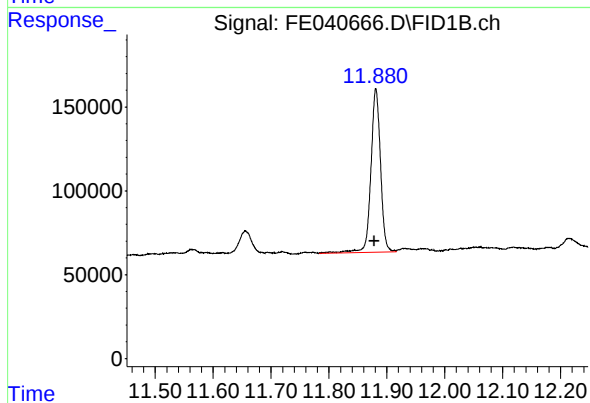
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: 0.000 min
Response: 63407
Conc: 0.39 ug/ml



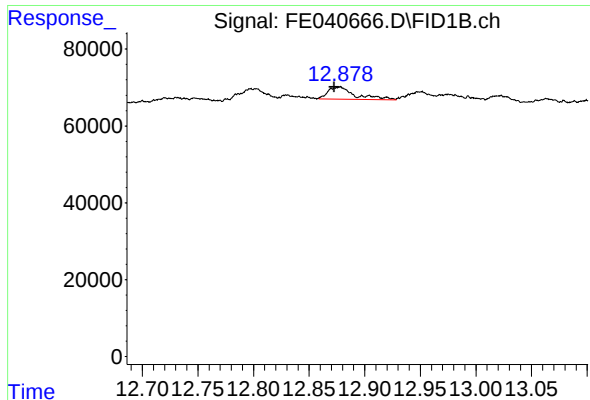
#8 n-Octadecane (C18)

R.T.: 11.566 min
Delta R.T.: 0.003 min
Response: 49594
Conc: 0.29 ug/ml



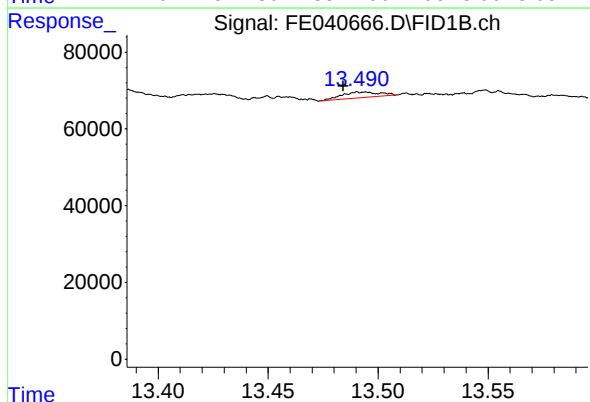
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: 0.002 min
Response: 1129030
Conc: 6.04 ug/ml



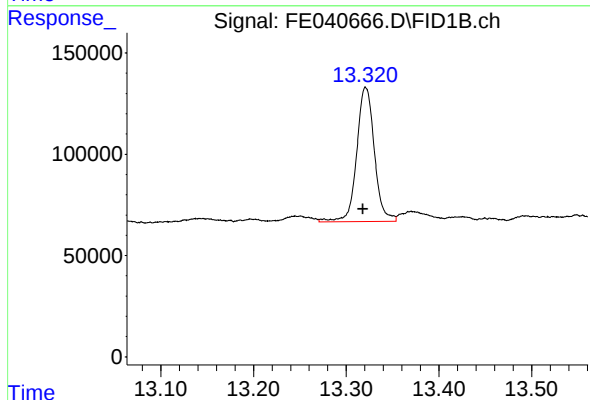
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: 0.005 min
Response: 53920
Conc: 0.32 ug/ml



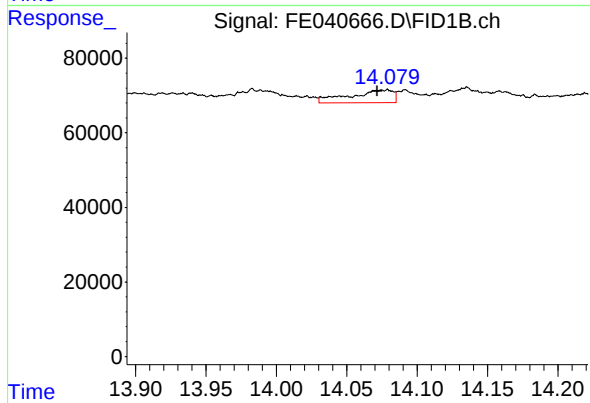
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: 0.010 min
Response: 17790
Conc: 0.10 ug/ml



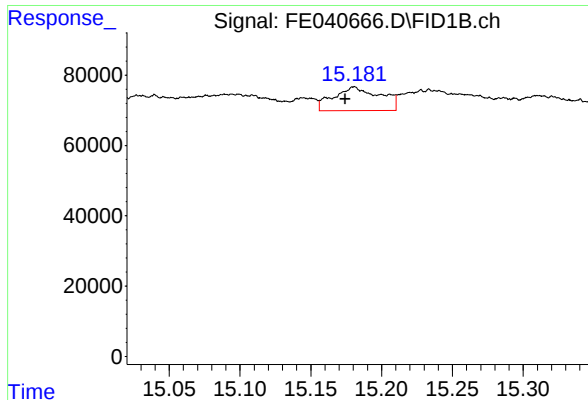
#12 1-chlorooctadecane (SURR)

R.T.: 13.321 min
Delta R.T.: 0.003 min
Response: 877292
Conc: 5.93 ug/ml



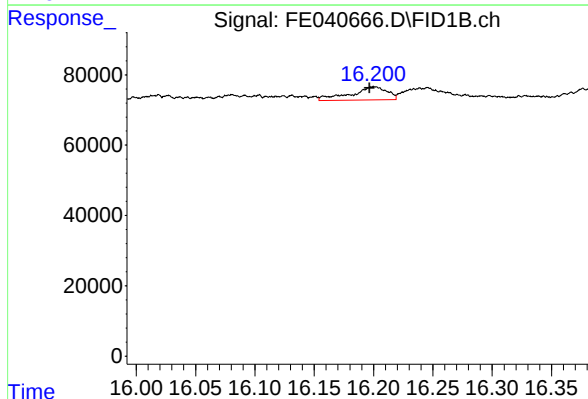
#13 n-Docosane (C22)

R.T.: 14.079 min
Delta R.T.: 0.007 min
Response: 72909
Conc: 0.43 ug/ml



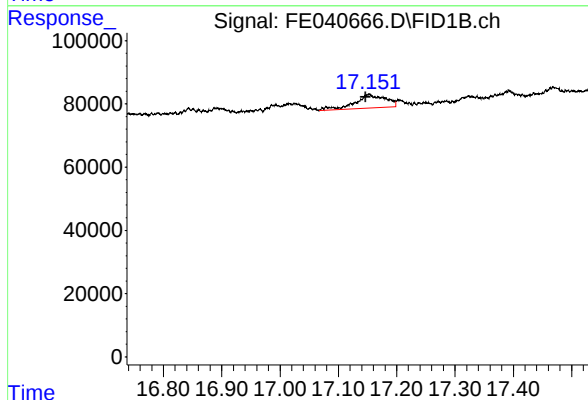
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: 0.006 min
Response: 152865
Conc: 0.89 ug/ml



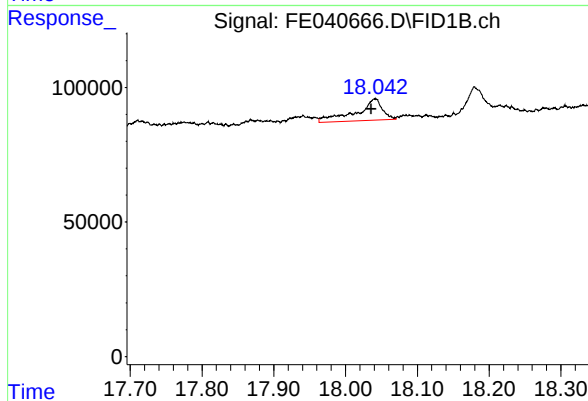
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: 0.004 min
Response: 79403
Conc: 0.47 ug/ml



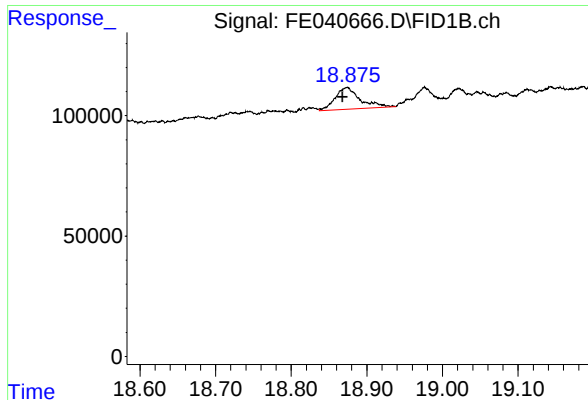
#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: 0.005 min
Response: 155664
Conc: 0.93 ug/ml



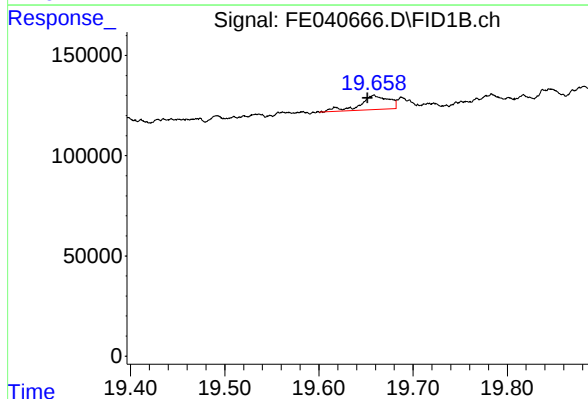
#17 n-Tricontane (C30)

R.T.: 18.041 min
Delta R.T.: 0.006 min
Response: 198489
Conc: 1.22 ug/ml



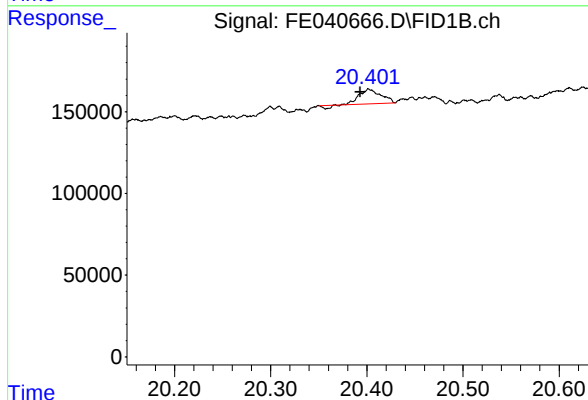
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: 0.006 min
Response: 204694
Conc: 1.20 ug/ml



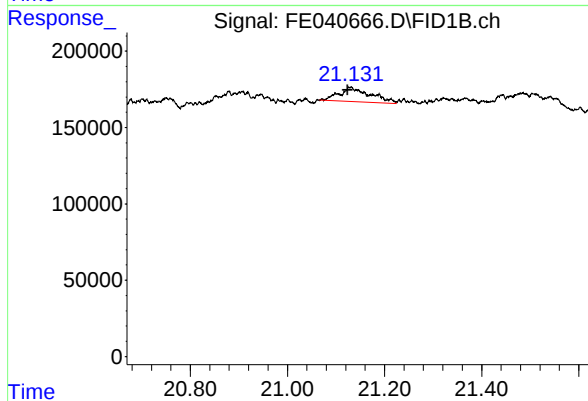
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: 0.007 min
Response: 147819
Conc: 0.96 ug/ml



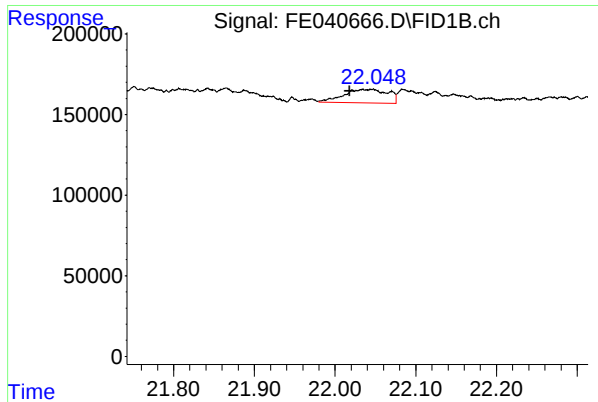
#20 n-Hexatriacontane (C36)

R.T.: 20.403 min
Delta R.T.: 0.009 min
Response: 130104
Conc: 0.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: 0.006 min
Response: 414061
Conc: 3.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.046 min
Delta R.T.: 0.028 min
Response: 321649
Conc: 2.08 ug/ml