

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081719AL\
 Data File : FD030168.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2019 4:48
 Operator : DD\AJ
 Sample : K3616-16
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 17 06:14:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.570	5735045	41.723 ug/ml
Spiked Amount 50.000		Recovery =	83.45%
12) S 1-chlorooctadecane (S...	12.995	5611437	49.200 ug/ml
Spiked Amount 50.000		Recovery =	98.40%
Target Compounds			
6) T n-Tetradecane (C14)	8.280f	210355	1.705 ug/ml
7) T n-Hexadecane (C16)	9.815	346026	2.771 ug/ml
8) T n-Octadecane (C18)	11.248	553149	4.327 ug/ml
10) T n-Eicosane (C20)	12.549	630570	4.857 ug/ml
11) T n-Heneicosane (C21)	13.158	487957	3.757 ug/ml
13) T n-Docosane (C22)	13.738	525394	4.024 ug/ml
14) T n-Tetracosane (C24)	14.833	417872	3.184 ug/ml
15) T n-Hexacosane (C26)	15.851	347506	2.694 ug/ml
16) T n-Octacosane (C28)	16.795	726298	5.724 ug/ml
17) T n-Tricontane (C30)	17.679	2201363	18.165 ug/ml
18) T n-Dotriacontane (C32)	18.506	2419669	21.579 ug/ml
19) T n-Tetratriacontane (C34)	19.285	3233102	36.464 ug/ml
20) T n-Hexatriacontane (C36)	20.019	7173007	96.514 ug/ml
21) T n-Octatriacontane (C38)	20.737	5408633	81.256 ug/ml
22) T n-Tetracontane (C40)	21.620	2156724	30.533 ug/ml

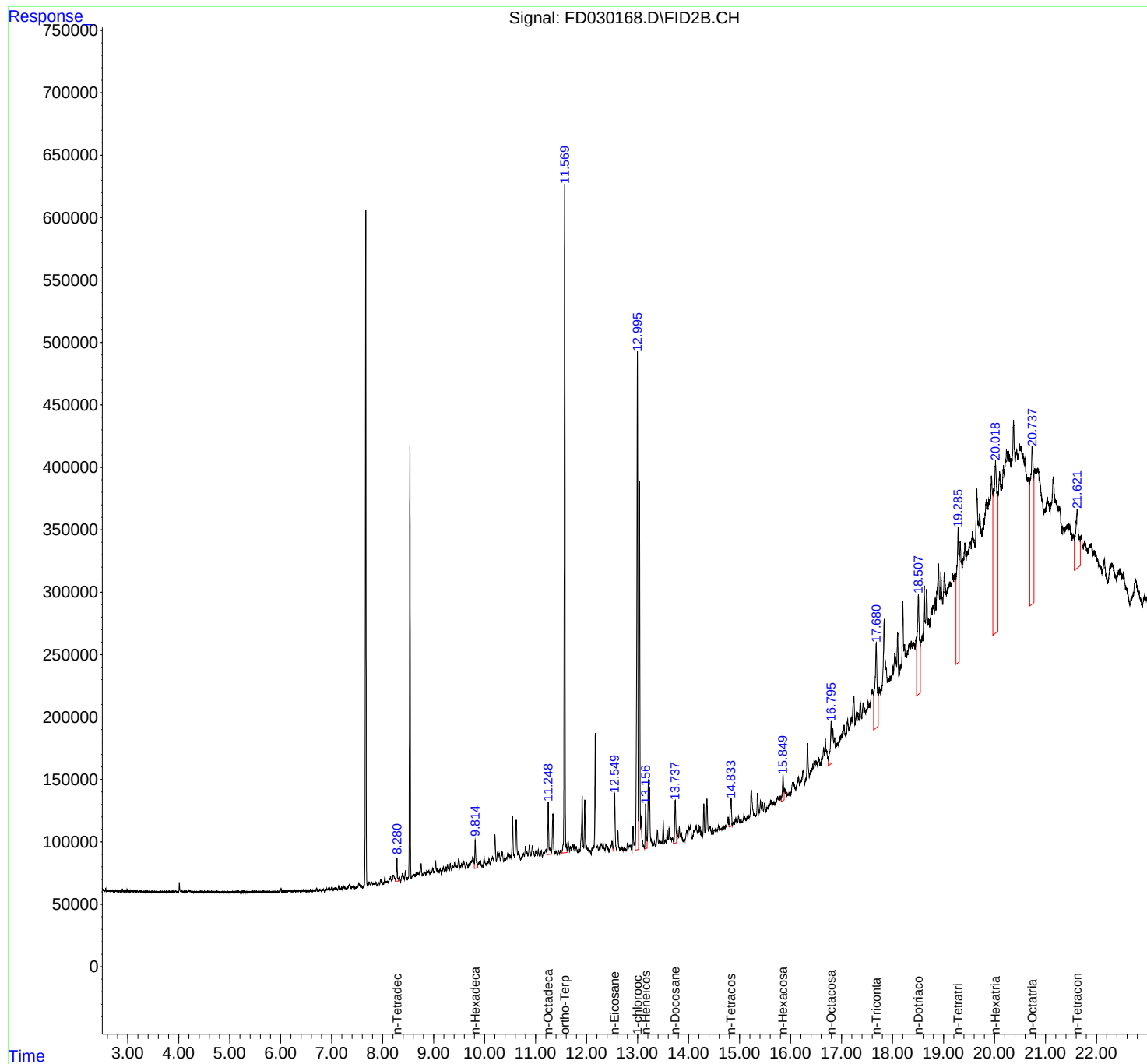
(f)=RT Delta > 1/2 Window

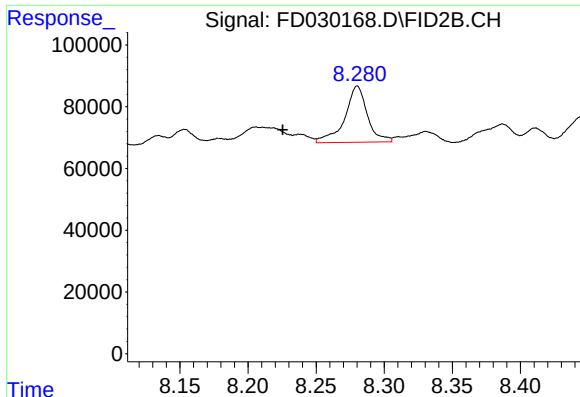
(m)=manual int.

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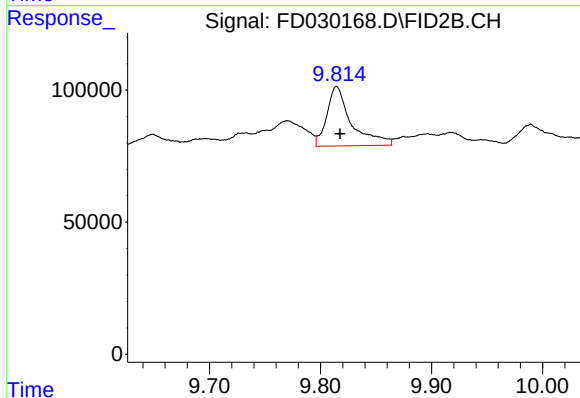
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





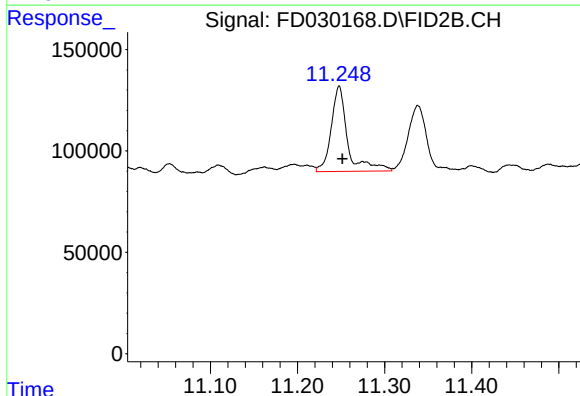
#6 n-Tetradecane (C14)

R.T.: 8.280 min
Delta R.T.: 0.055 min
Response: 210355
Conc: 1.71 ug/ml



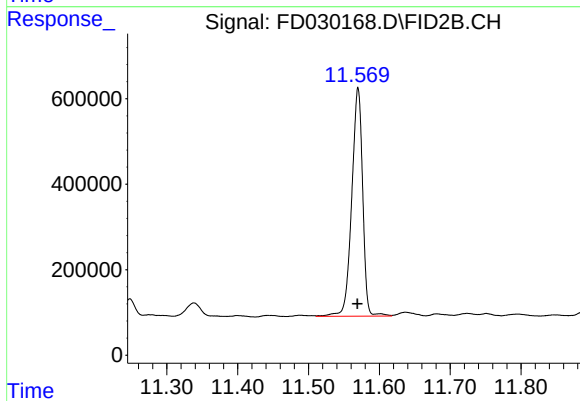
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.003 min
Response: 346026
Conc: 2.77 ug/ml



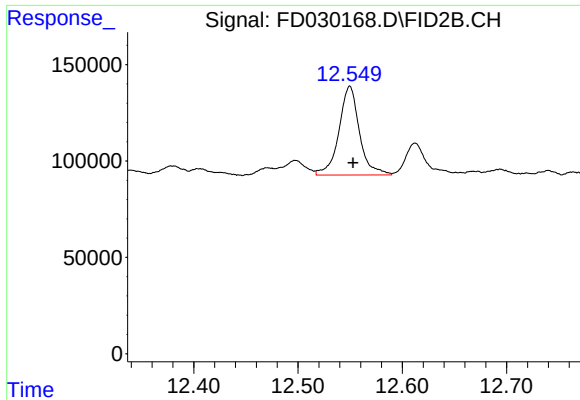
#8 n-Octadecane (C18)

R.T.: 11.248 min
Delta R.T.: -0.004 min
Response: 553149
Conc: 4.33 ug/ml



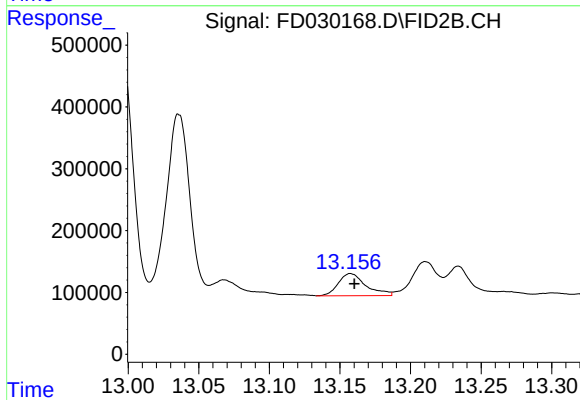
#9 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: 0.000 min
Response: 5735045
Conc: 41.72 ug/ml



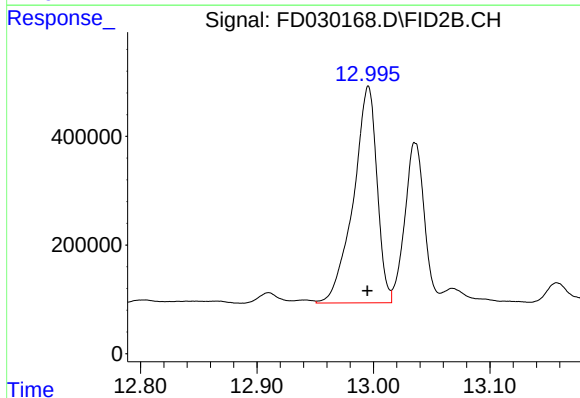
#10 n-Eicosane (C20)

R.T.: 12.549 min
Delta R.T.: -0.003 min
Response: 630570
Conc: 4.86 ug/ml



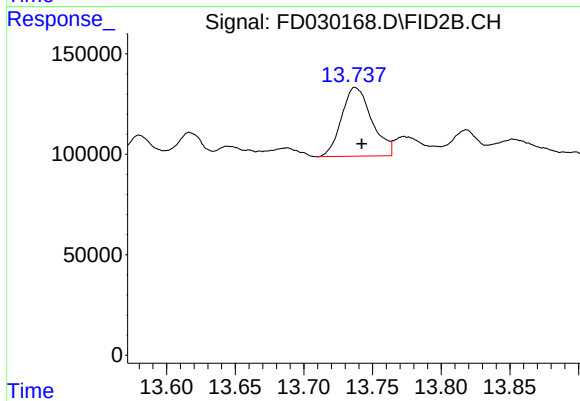
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.003 min
Response: 487957
Conc: 3.76 ug/ml



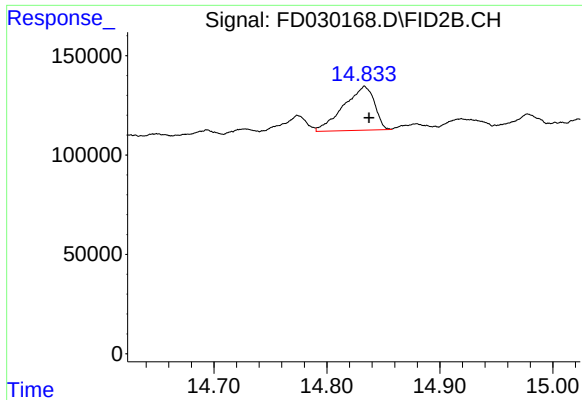
#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min
Delta R.T.: 0.000 min
Response: 5611437
Conc: 49.20 ug/ml



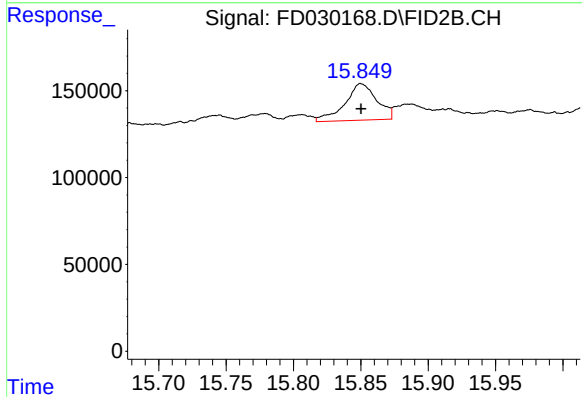
#13 n-Docosane (C22)

R.T.: 13.738 min
Delta R.T.: -0.004 min
Response: 525394
Conc: 4.02 ug/ml



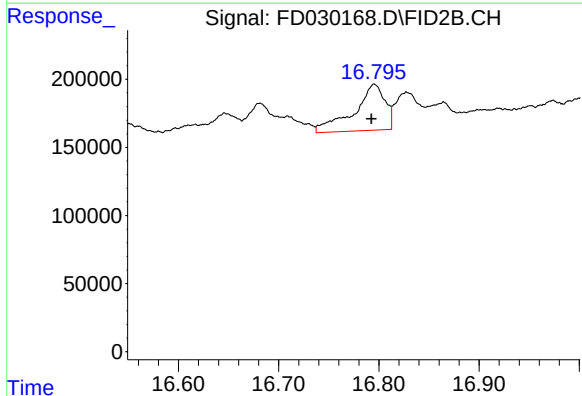
#14 n-Tetracosane (C24)

R.T.: 14.833 min
Delta R.T.: -0.004 min
Response: 417872
Conc: 3.18 ug/ml



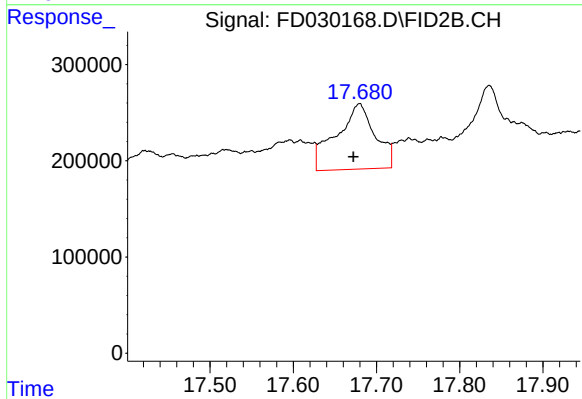
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: 0.000 min
Response: 347506
Conc: 2.69 ug/ml



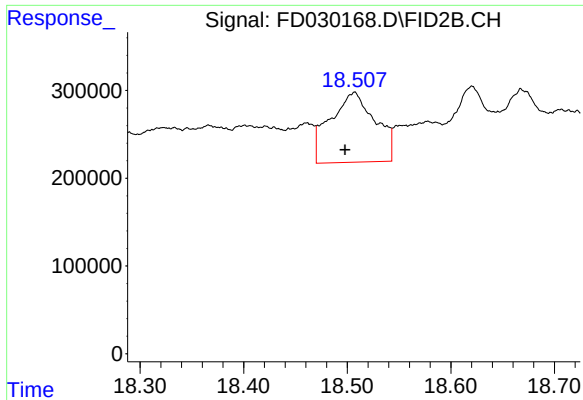
#16 n-Octacosane (C28)

R.T.: 16.795 min
Delta R.T.: 0.003 min
Response: 726298
Conc: 5.72 ug/ml



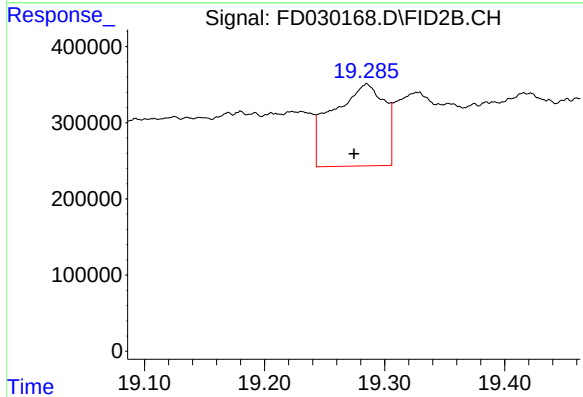
#17 n-Tricontane (C30)

R.T.: 17.679 min
Delta R.T.: 0.007 min
Response: 2201363
Conc: 18.17 ug/ml



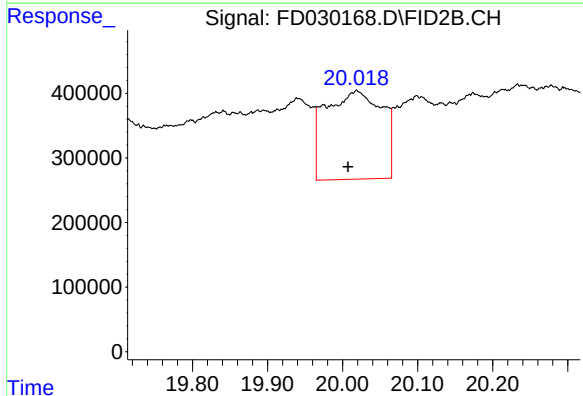
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: 0.009 min
Response: 2419669
Conc: 21.58 ug/ml



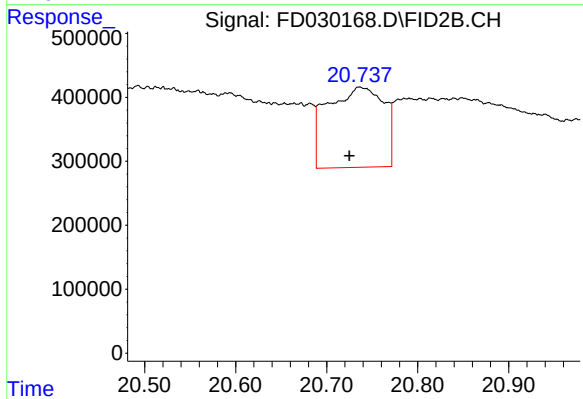
#19 n-Tetatriacontane (C34)

R.T.: 19.285 min
Delta R.T.: 0.010 min
Response: 3233102
Conc: 36.46 ug/ml



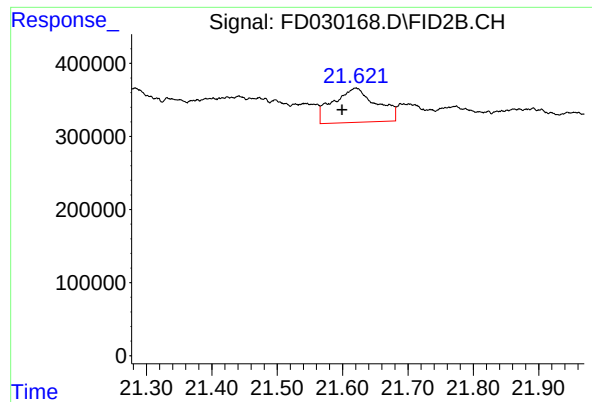
#20 n-Hexatriacontane (C36)

R.T.: 20.019 min
Delta R.T.: 0.012 min
Response: 7173007
Conc: 96.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.012 min
Response: 5408633
Conc: 81.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: 0.021 min
Response: 2156724
Conc: 30.53 ug/ml