

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022223\
 Data File : FE040503.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2023 21:12
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 02:25:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE022123.M
 Quant Title :
 QLast Update : Wed Feb 22 06:24:20 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.976	6321427	47.873 ug/ml
Target Compounds			
1) N-OCTANE	2.009	6484933	46.717 ug/ml
2) N-DECANE	4.524	6629061	48.520 ug/ml
3) N-DODECANE	6.692	6855100	49.196 ug/ml
4) N-TETRADECANE	8.519	6979093	48.768 ug/ml
5) N-HEXADECANE	10.126	7203546	48.534 ug/ml
6) N-OCTADECANE	11.569	7288466	48.065 ug/ml
7) N-EICOSANE	12.879	7285518	47.904 ug/ml
8) N-DOCOSANE	14.077	7070394	47.648 ug/ml
10) N-TETRACOSANE	15.181	7029481	47.529 ug/ml
11) N-HEXACOSANE	16.202	6830531	47.189 ug/ml
12) N-OCTACOSANE	17.154	6619762	46.768 ug/ml
13) N-TRIACONTANE	18.040	6370743	46.459 ug/ml
14) N-DOTRIACONTANE	18.874	5955964	45.871 ug/ml
15) N-TETRATRIACONTANE	19.657	5464169	45.533 ug/ml
16) N-HEXATRIACONTANE	20.398	5006337	42.454 ug/ml
17) N-OCTATRIACONTANE	21.129	4818062	43.808 ug/ml
18) N-TETRACONTANE	22.023	4742614	42.403 ug/ml

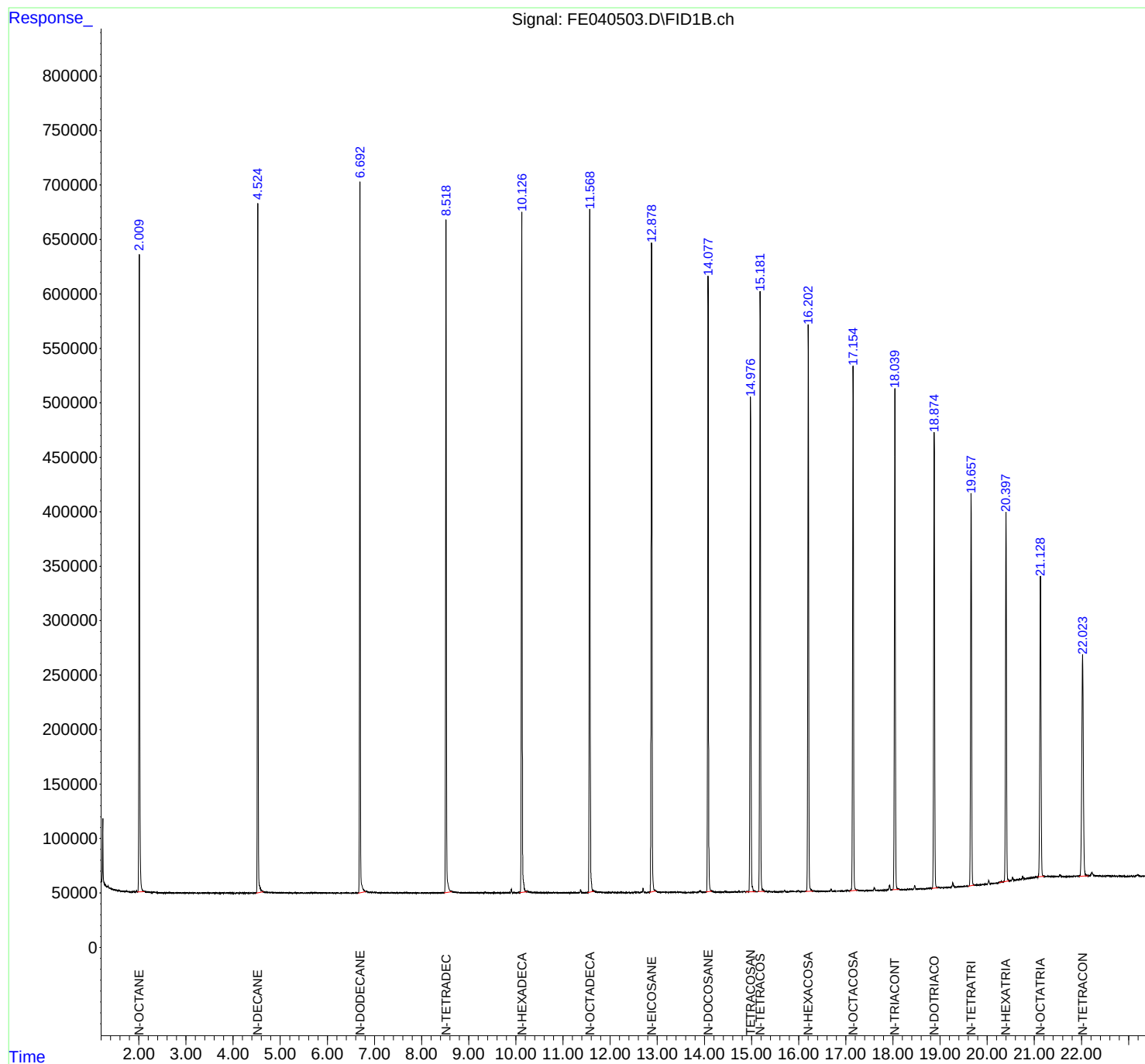
(f)=RT Delta > 1/2 Window

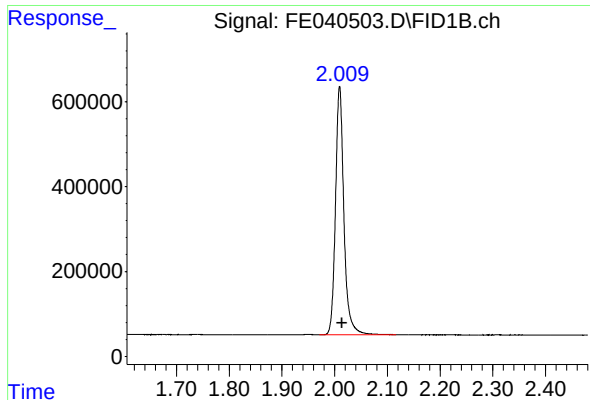
(m)=manual int.

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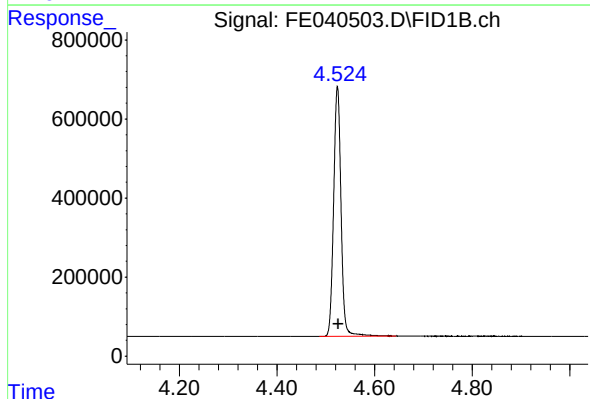
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





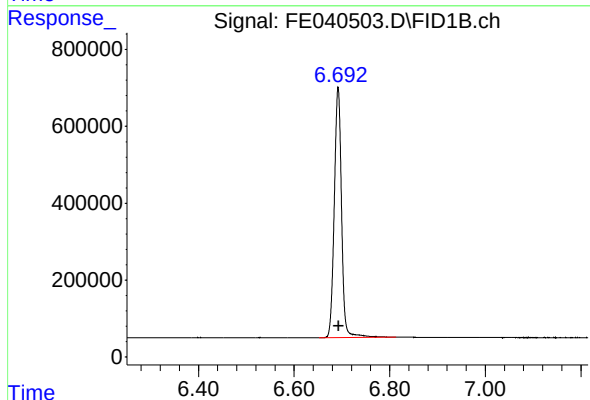
#1 N-OCTANE

R.T.: 2.009 min
Delta R.T.: -0.005 min
Response: 6484933
Conc: 46.72 ug/ml



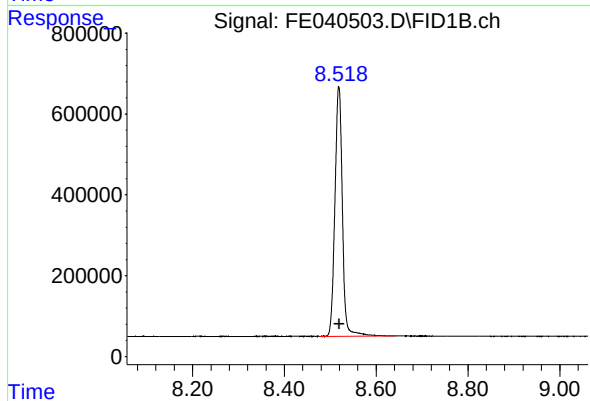
#2 N-DECANE

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 6629061
Conc: 48.52 ug/ml



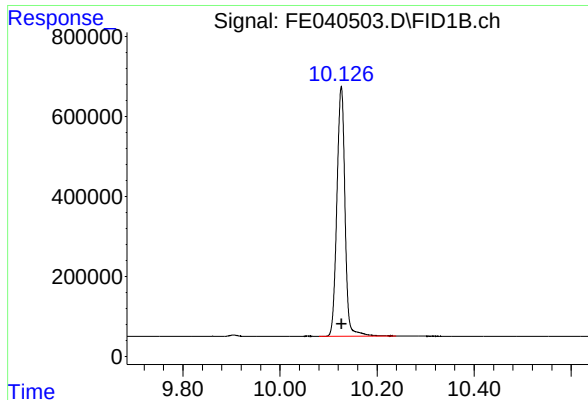
#3 N-DODECANE

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 6855100
Conc: 49.20 ug/ml



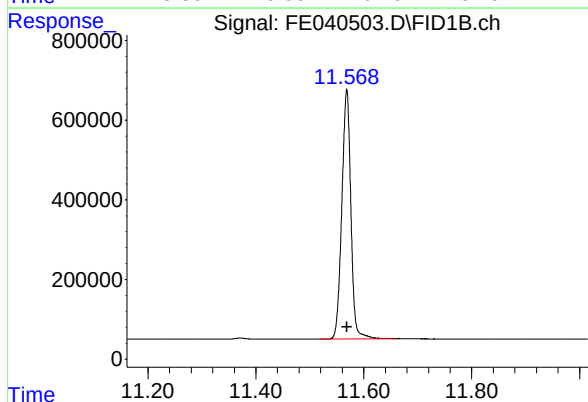
#4 N-TETRADECANE

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 6979093
Conc: 48.77 ug/ml



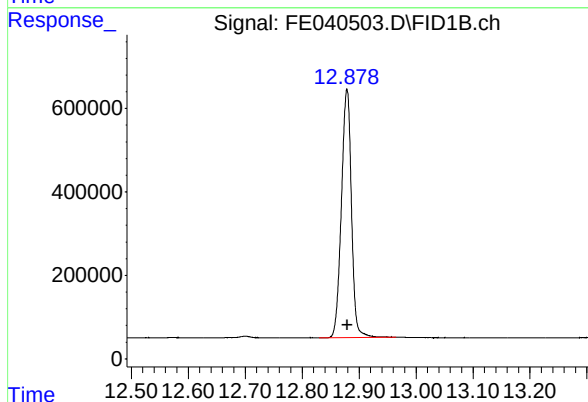
#5 N-HEXADECANE

R.T.: 10.126 min
Delta R.T.: -0.001 min
Response: 7203546
Conc: 48.53 ug/ml



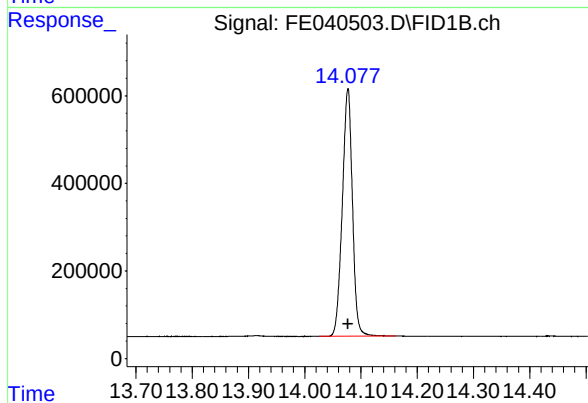
#6 N-OCTADECANE

R.T.: 11.569 min
Delta R.T.: 0.000 min
Response: 7288466
Conc: 48.06 ug/ml



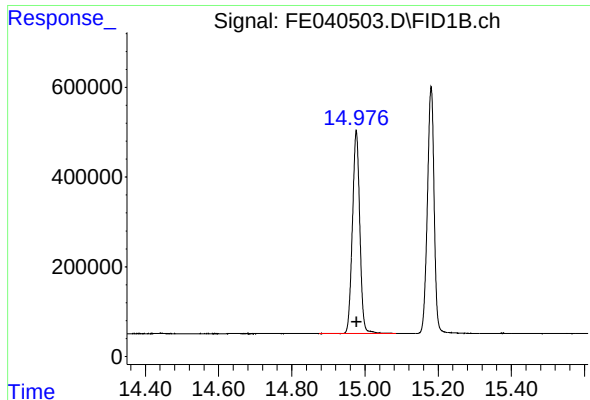
#7 N-EICOSANE

R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 7285518
Conc: 47.90 ug/ml



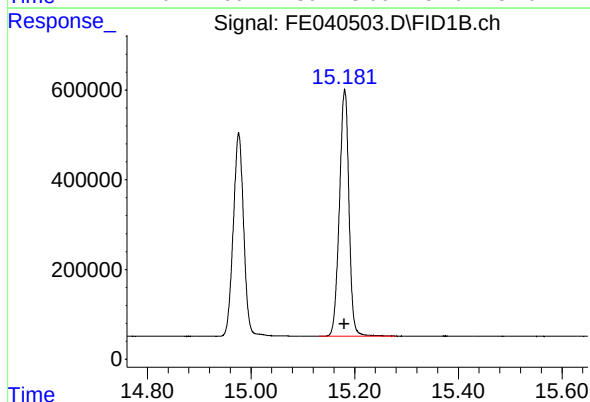
#8 N-DOCOSANE

R.T.: 14.077 min
Delta R.T.: 0.000 min
Response: 7070394
Conc: 47.65 ug/ml



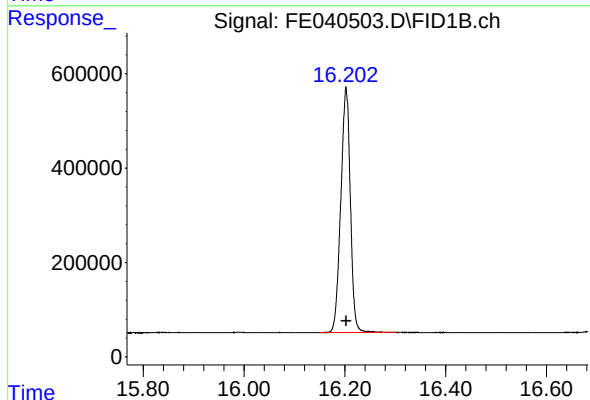
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.976 min
Delta R.T.: 0.000 min
Response: 6321427
Conc: 47.87 ug/ml



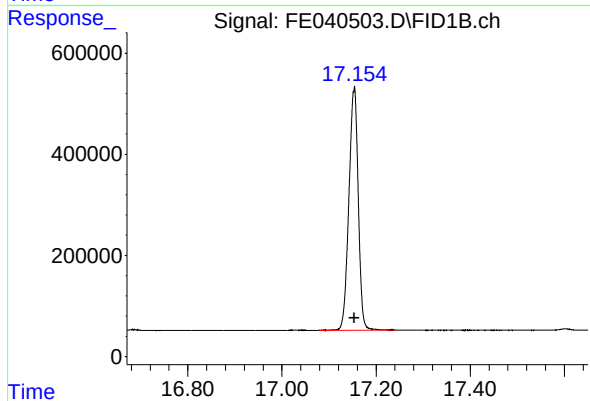
#10 N-TETRACOSANE

R.T.: 15.181 min
Delta R.T.: 0.000 min
Response: 7029481
Conc: 47.53 ug/ml



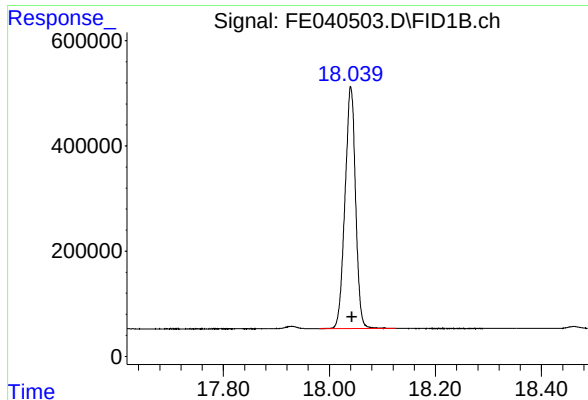
#11 N-HEXACOSANE

R.T.: 16.202 min
Delta R.T.: 0.000 min
Response: 6830531
Conc: 47.19 ug/ml



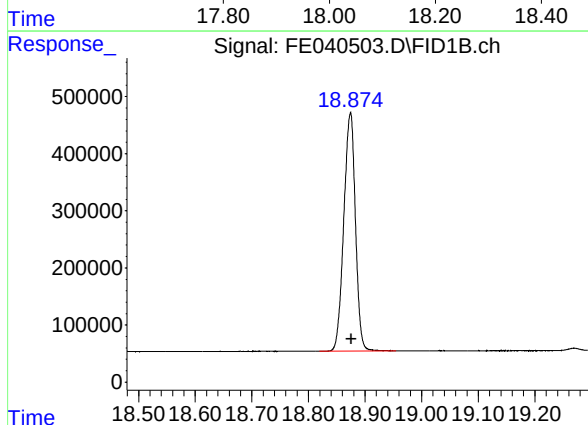
#12 N-OCTACOSANE

R.T.: 17.154 min
Delta R.T.: 0.000 min
Response: 6619762
Conc: 46.77 ug/ml



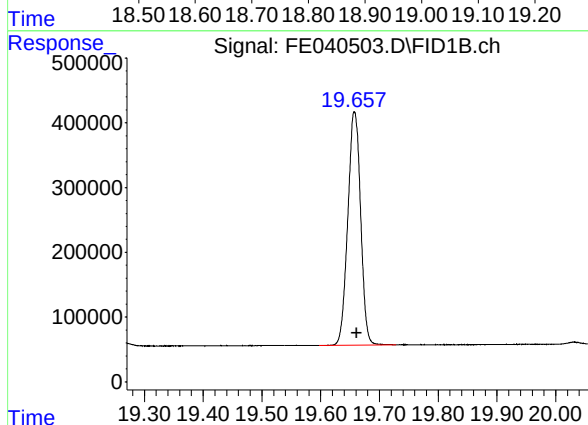
#13 N-TRIACONTANE

R.T.: 18.040 min
Delta R.T.: -0.002 min
Response: 6370743
Conc: 46.46 ug/ml



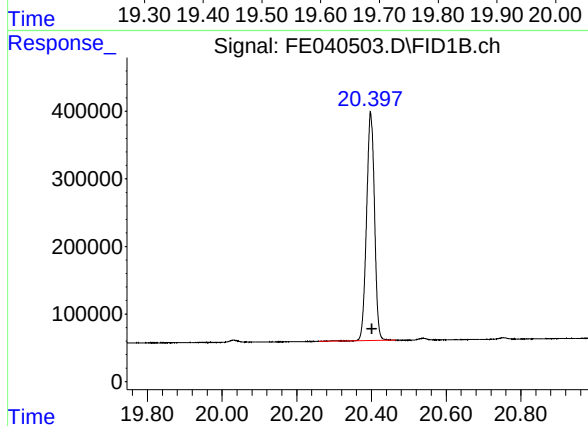
#14 N-DOTRIACONTANE

R.T.: 18.874 min
Delta R.T.: -0.001 min
Response: 5955964
Conc: 45.87 ug/ml



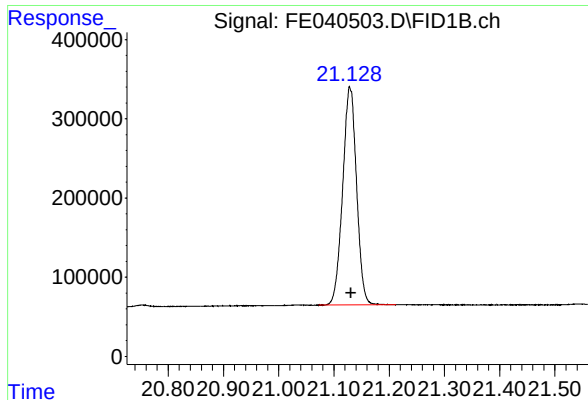
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.004 min
Response: 5464169
Conc: 45.53 ug/ml



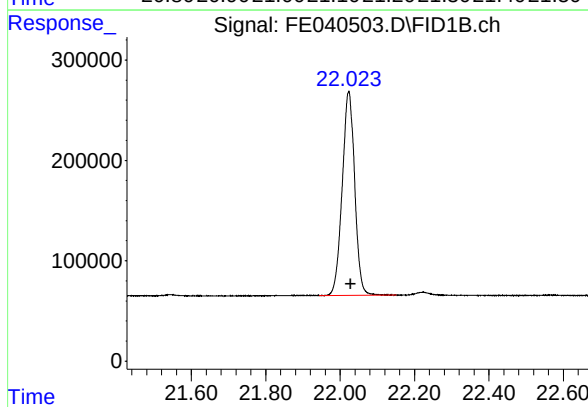
#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: -0.004 min
Response: 5006337
Conc: 42.45 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.129 min
Delta R.T.: -0.002 min
Response: 4818062
Conc: 43.81 ug/ml



#18 N-TETRACONTANE

R.T.: 22.023 min
Delta R.T.: -0.005 min
Response: 4742614
Conc: 42.40 ug/ml