

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022323\
 Data File : FE040515.D
 Signal(s) : FID1B.ch
 Acq On : 23 Feb 2023 15:03
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 24 02:18:36 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	6280686	47.565 ug/ml
Target Compounds			
1) N-OCTANE	2.010	6532345	47.059 ug/ml
2) N-DECANE	4.524	6693774	48.994 ug/ml
3) N-DODECANE	6.692	6899624	49.515 ug/ml
4) N-TETRADECANE	8.519	7018043	49.040 ug/ml
5) N-HEXADECANE	10.126	7221877	48.657 ug/ml
6) N-OCTADECANE	11.568	7304458	48.170 ug/ml
7) N-EICOSANE	12.878	7296675	47.977 ug/ml
8) N-DOCOSANE	14.077	7049543	47.508 ug/ml
10) N-TETRACOSANE	15.180	7008667	47.389 ug/ml
11) N-HEXACOSANE	16.202	6798408	46.967 ug/ml
12) N-OCTACOSANE	17.153	6587230	46.538 ug/ml
13) N-TRIACONTANE	18.041	6332010	46.176 ug/ml
14) N-DOTRIACONTANE	18.874	5929773	45.669 ug/ml
15) N-TETRATRIACONTANE	19.658	5435066	45.290 ug/ml
16) N-HEXATRIACONTANE	20.398	4963007	42.087 ug/ml
17) N-OCTATRIACONTANE	21.130	4718789	42.906 ug/ml
18) N-TETRACONTANE	22.022	4529835	40.501 ug/ml

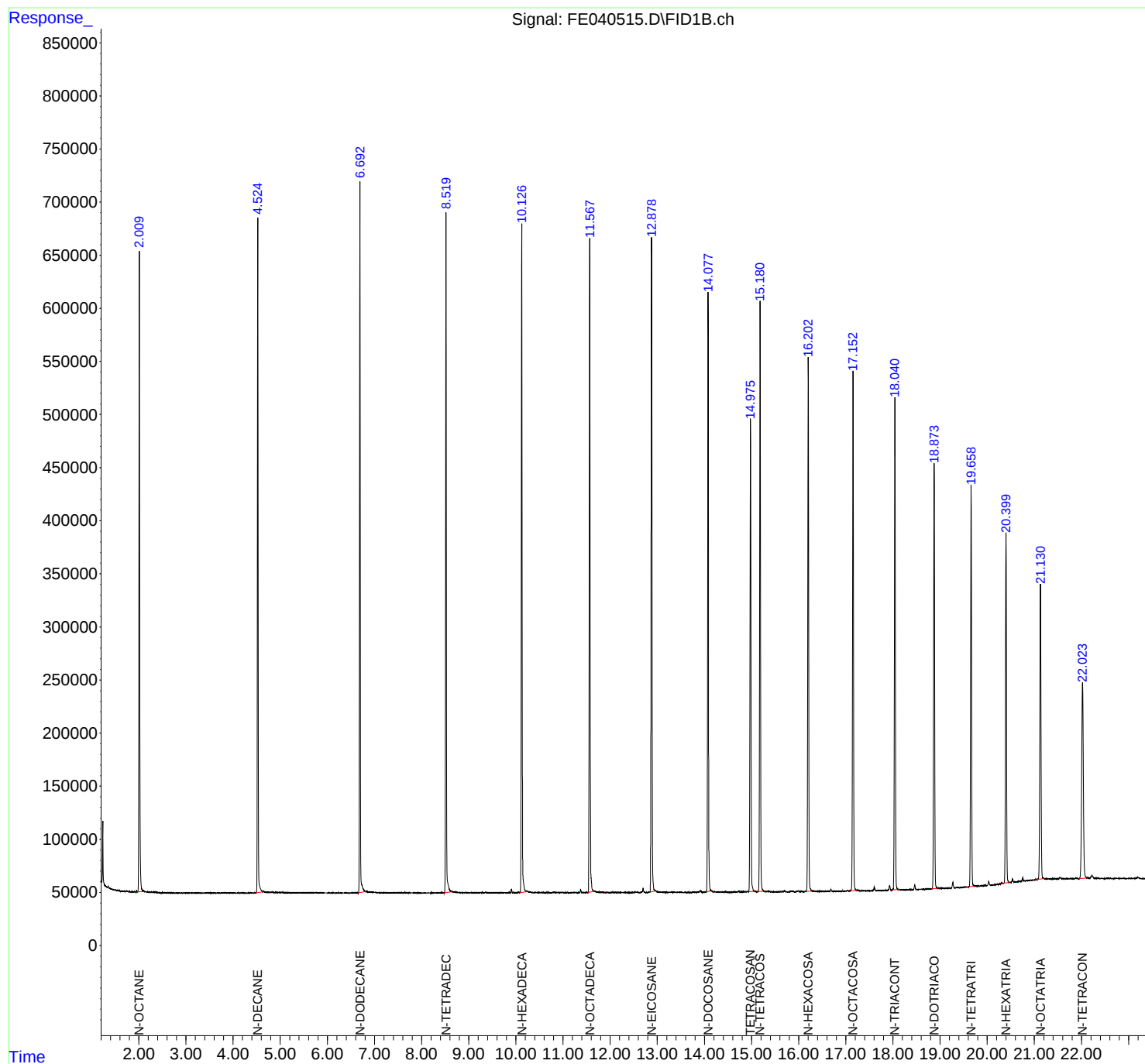
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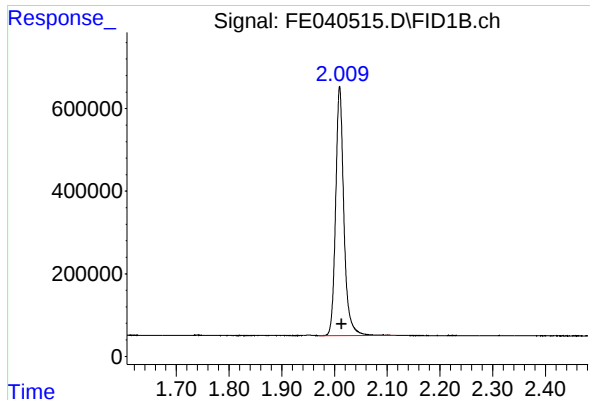
(m)=manual int.

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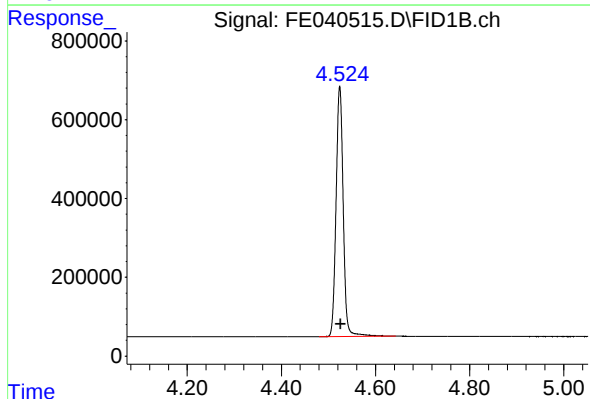
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





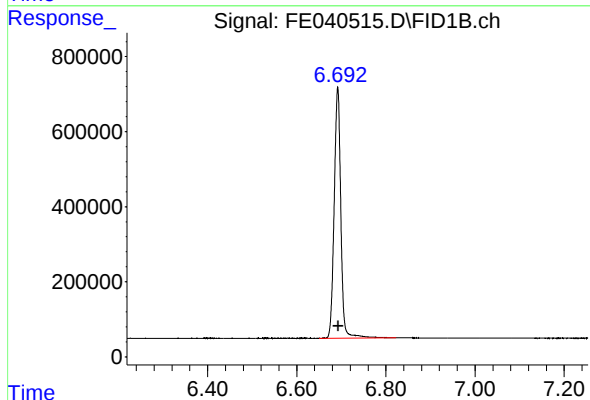
#1 N-OCTANE

R.T.: 2.010 min
Delta R.T.: -0.004 min
Response: 6532345
Conc: 47.06 ug/ml



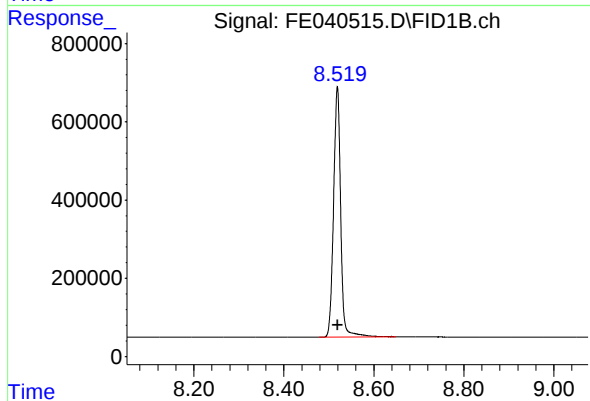
#2 N-DECANE

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 6693774
Conc: 48.99 ug/ml



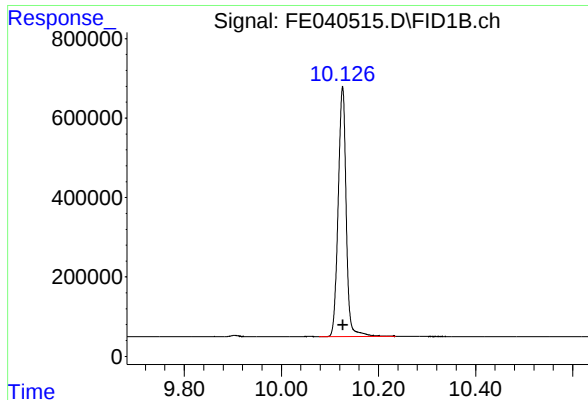
#3 N-DODECANE

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 6899624
Conc: 49.52 ug/ml



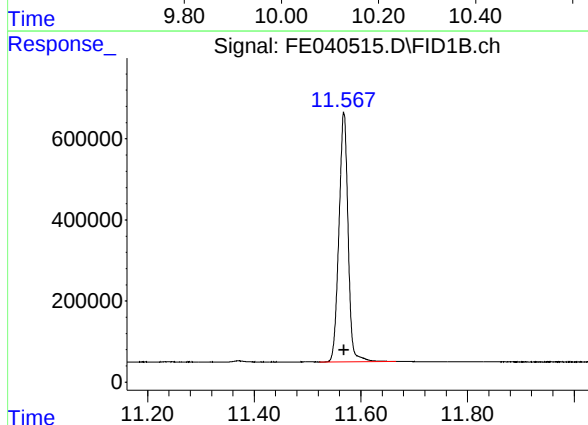
#4 N-TETRADECANE

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 7018043
Conc: 49.04 ug/ml



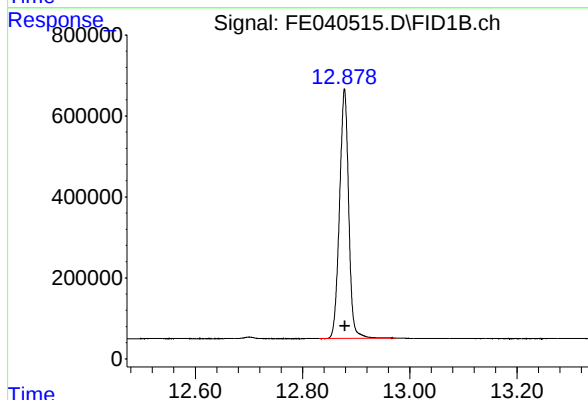
#5 N-HEXADECANE

R.T.: 10.126 min
Delta R.T.: -0.001 min
Response: 7221877
Conc: 48.66 ug/ml



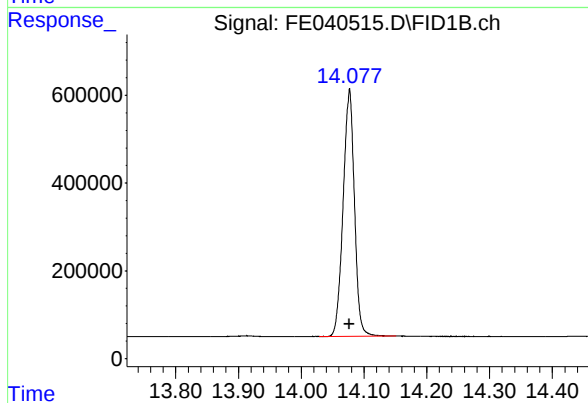
#6 N-OCTADECANE

R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 7304458
Conc: 48.17 ug/ml



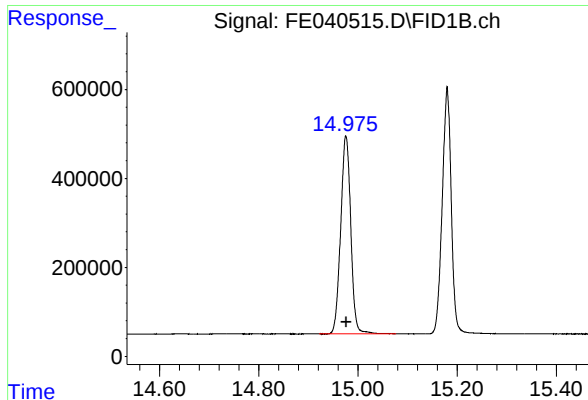
#7 N-EICOSANE

R.T.: 12.878 min
Delta R.T.: 0.000 min
Response: 7296675
Conc: 47.98 ug/ml



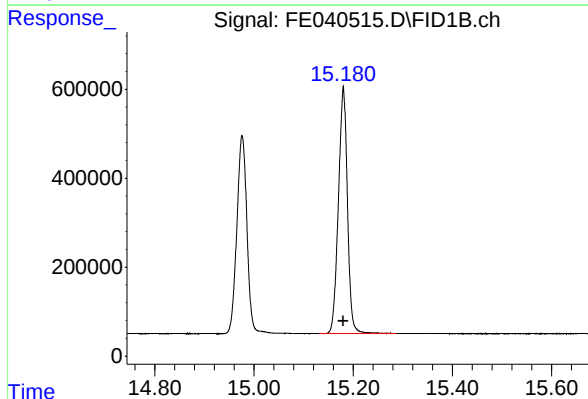
#8 N-DOCOSANE

R.T.: 14.077 min
Delta R.T.: 0.000 min
Response: 7049543
Conc: 47.51 ug/ml



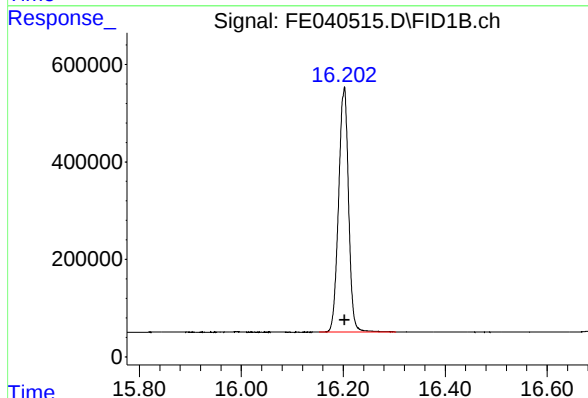
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.976 min
Delta R.T.: 0.000 min
Response: 6280686
Conc: 47.56 ug/ml



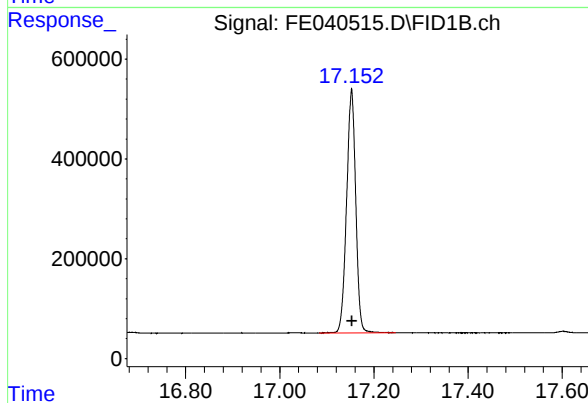
#10 N-TETRACOSANE

R.T.: 15.180 min
Delta R.T.: 0.000 min
Response: 7008667
Conc: 47.39 ug/ml



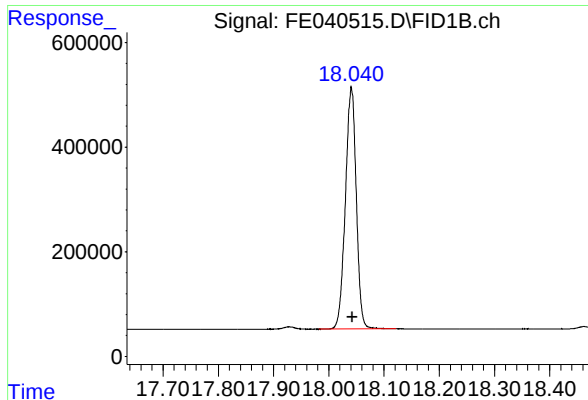
#11 N-HEXACOSANE

R.T.: 16.202 min
Delta R.T.: 0.000 min
Response: 6798408
Conc: 46.97 ug/ml



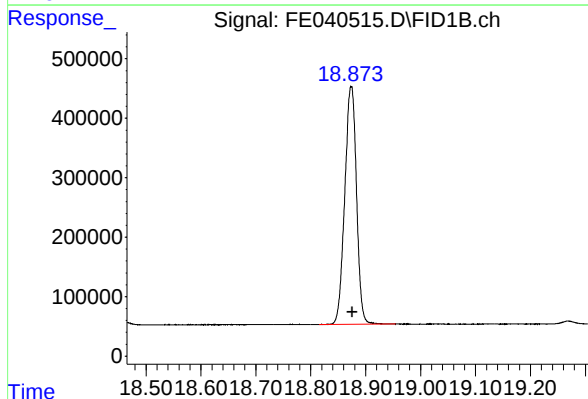
#12 N-OCTACOSANE

R.T.: 17.153 min
Delta R.T.: -0.001 min
Response: 6587230
Conc: 46.54 ug/ml



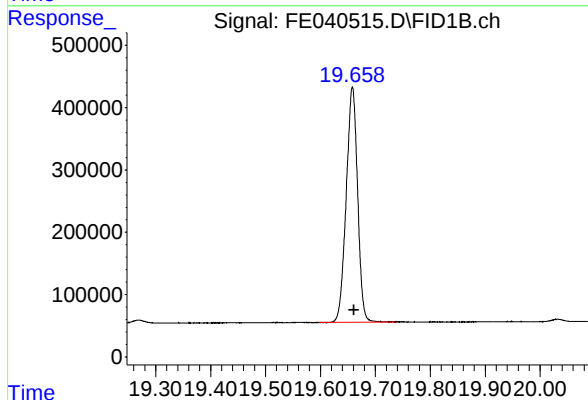
#13 N-TRIACONTANE

R.T.: 18.041 min
Delta R.T.: -0.001 min
Response: 6332010
Conc: 46.18 ug/ml



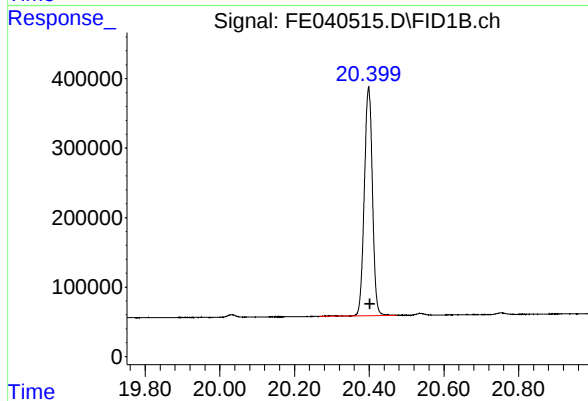
#14 N-DOTRIACONTANE

R.T.: 18.874 min
Delta R.T.: -0.002 min
Response: 5929773
Conc: 45.67 ug/ml



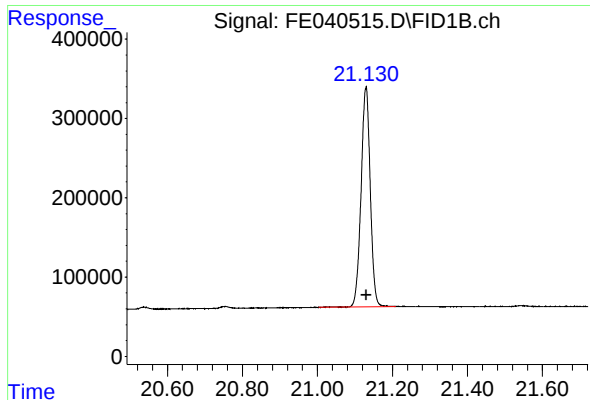
#15 N-TETRATRIACONTANE

R.T.: 19.658 min
Delta R.T.: -0.003 min
Response: 5435066
Conc: 45.29 ug/ml



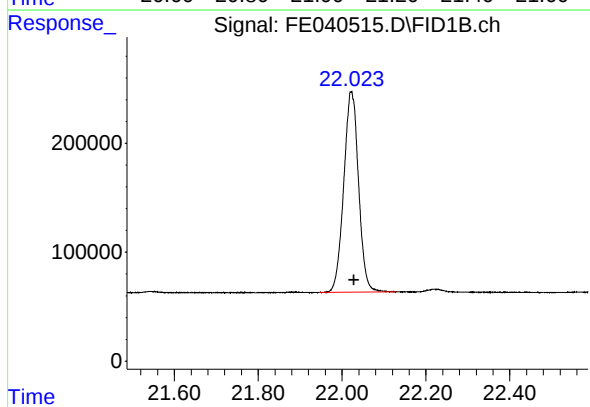
#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: -0.003 min
Response: 4963007
Conc: 42.09 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.130 min
Delta R.T.: -0.001 min
Response: 4718789
Conc: 42.91 ug/ml



#18 N-TETRACONTANE

R.T.: 22.022 min
Delta R.T.: -0.007 min
Response: 4529835
Conc: 40.50 ug/ml