

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022223\
 Data File : FE040486.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2023 12:28
 Operator : YP\AJ
 Sample : 01627-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 02:23:24 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...	14.975	2607862	19.750 ug/ml
Target Compounds			
1) N-OCTANE	2.018	131755	0.949 ug/ml
2) N-DECANE	4.528	132029	0.966 ug/mlm
3) N-DODECANE	6.694	113738	0.816 ug/mlm
4) N-TETRADECANE	8.524	134839	0.942 ug/mlm
5) N-HEXADECANE	10.131	148968	1.004 ug/mlm
6) N-OCTADECANE	11.571	136877	0.903 ug/ml
7) N-EICOSANE	12.877	145387	0.956 ug/ml
8) N-DOCOSANE	14.075	157037	1.058 ug/ml
10) N-TETRACOSANE	15.178	154091	1.042 ug/ml
11) N-HEXACOSANE	16.203	146638	1.013 ug/ml
12) N-OCTACOSANE	17.152	148857	1.052 ug/ml
13) N-TRIACONTANE	18.040	151211	1.103 ug/ml
14) N-DOTRIACONTANE	18.872	145663	1.122 ug/ml
15) N-TETRATRIACONTANE	19.657	130646	1.089 ug/ml
16) N-HEXATRIACONTANE	20.398	123349	1.046 ug/ml
17) N-OCTATRIACONTANE	21.128	114749	1.043 ug/ml
18) N-TETRACONTANE	22.021	116750	1.044 ug/ml

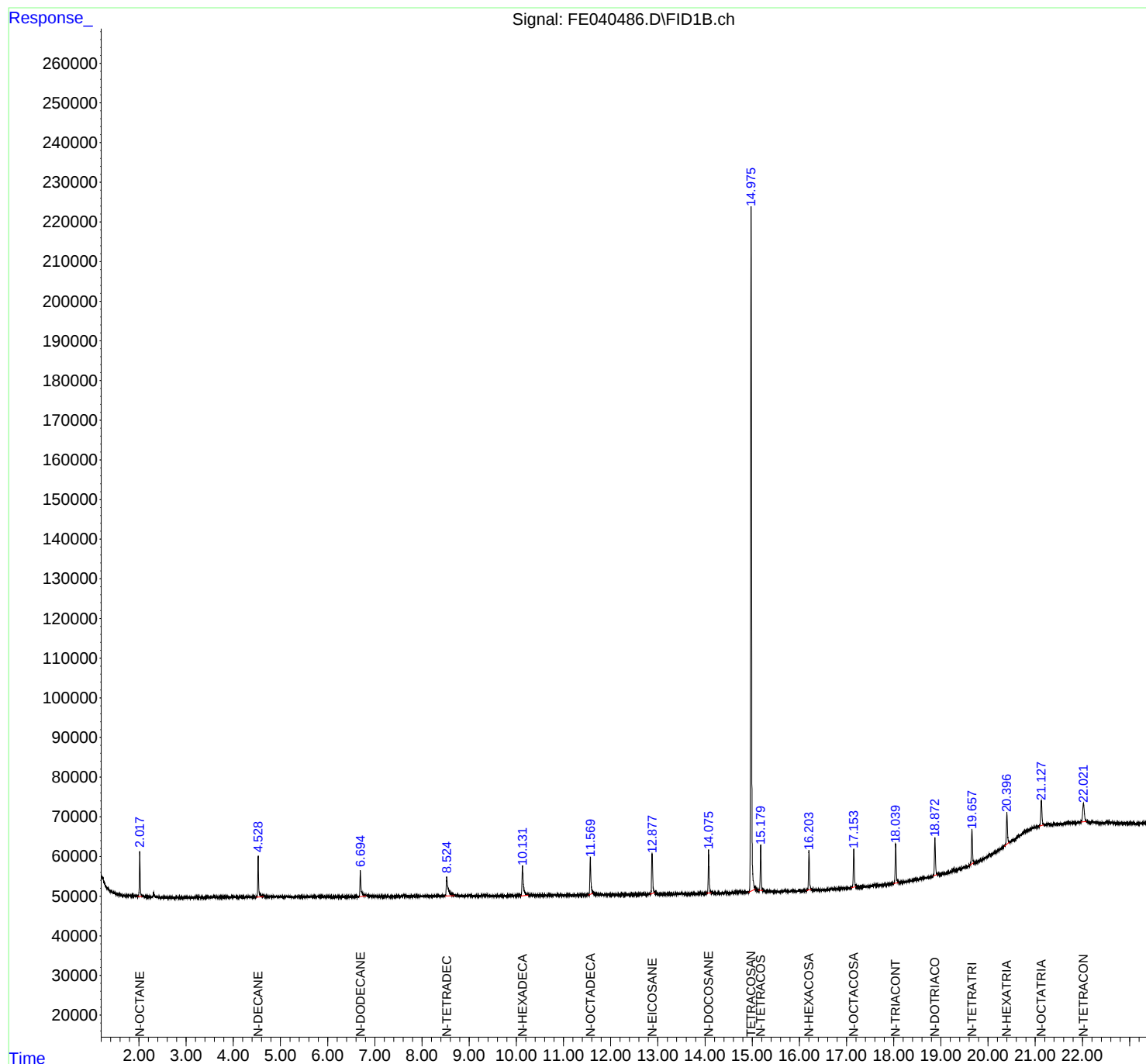
(f)=RT Delta > 1/2 Window

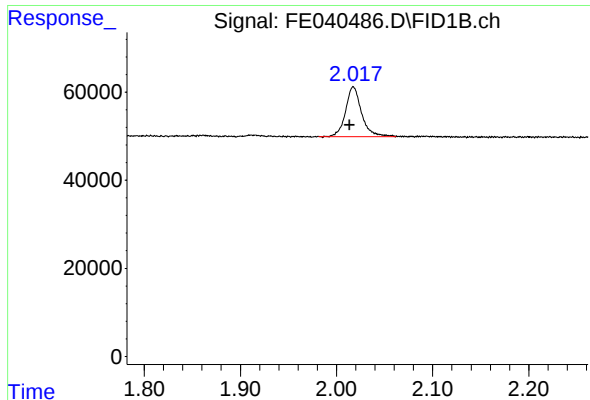
(m)=manual int.

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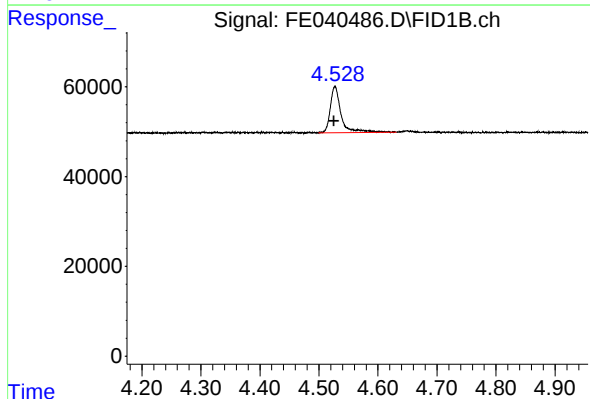
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





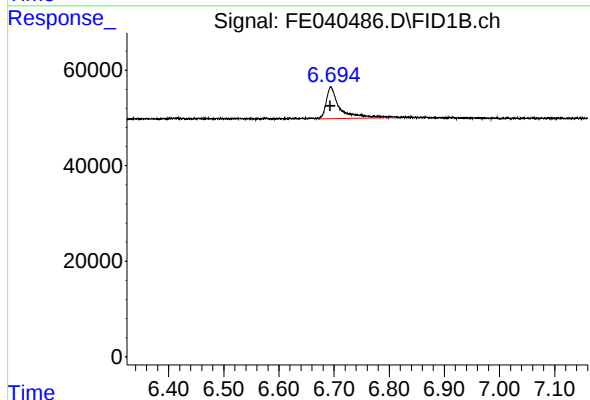
#1 N-OCTANE

R.T.: 2.018 min
Delta R.T.: 0.004 min
Response: 131755
Conc: 0.95 ug/ml



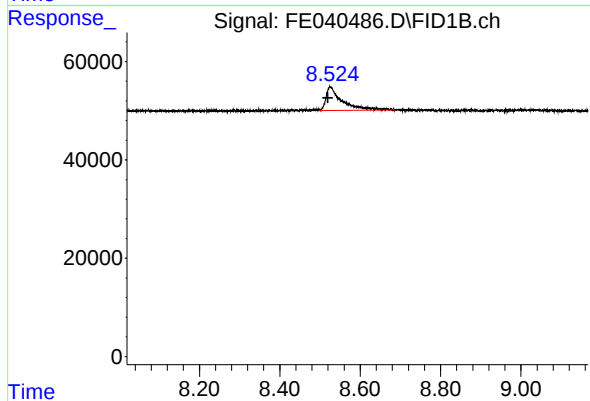
#2 N-DECANE

R.T.: 4.528 min
Delta R.T.: 0.002 min
Response: 132029
Conc: 0.97 ug/ml m



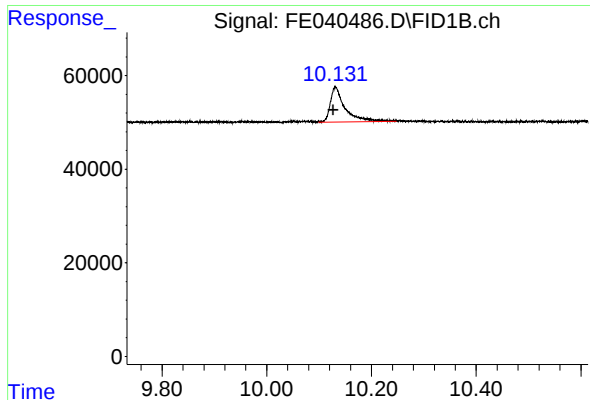
#3 N-DODECANE

R.T.: 6.694 min
Delta R.T.: 0.001 min
Response: 113738
Conc: 0.82 ug/ml m



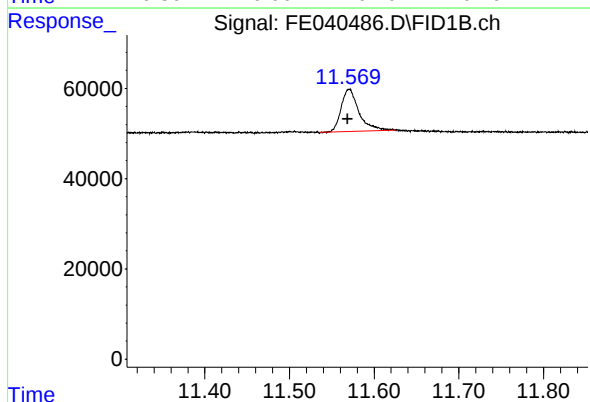
#4 N-TETRADECANE

R.T.: 8.524 min
Delta R.T.: 0.004 min
Response: 134839
Conc: 0.94 ug/ml m



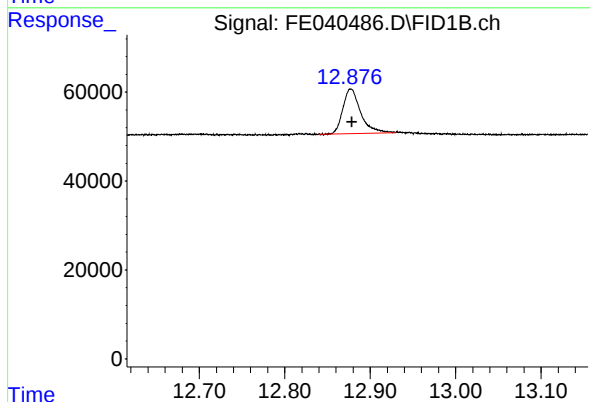
#5 N-HEXADECANE

R.T.: 10.131 min
Delta R.T.: 0.004 min
Response: 148968
Conc: 1.00 ug/ml m



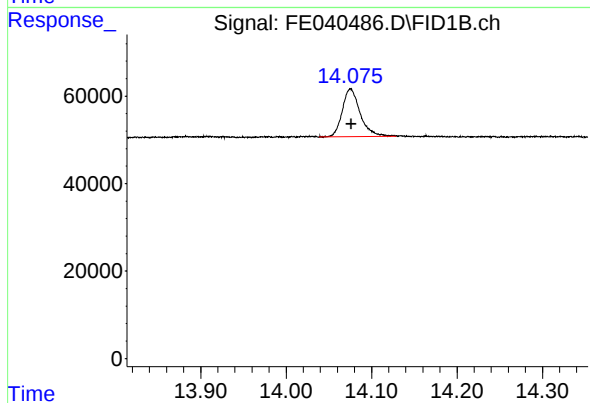
#6 N-OCTADECANE

R.T.: 11.571 min
Delta R.T.: 0.002 min
Response: 136877
Conc: 0.90 ug/ml



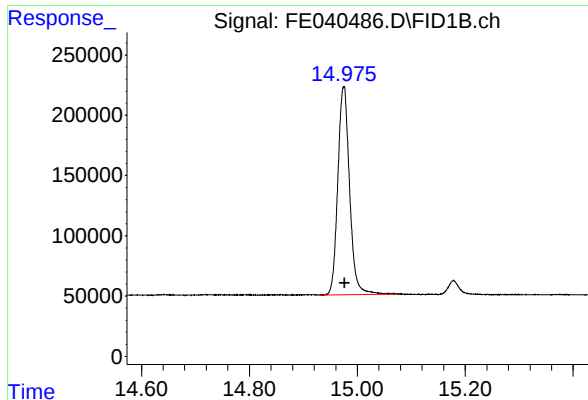
#7 N-EICOSANE

R.T.: 12.877 min
Delta R.T.: -0.001 min
Response: 145387
Conc: 0.96 ug/ml



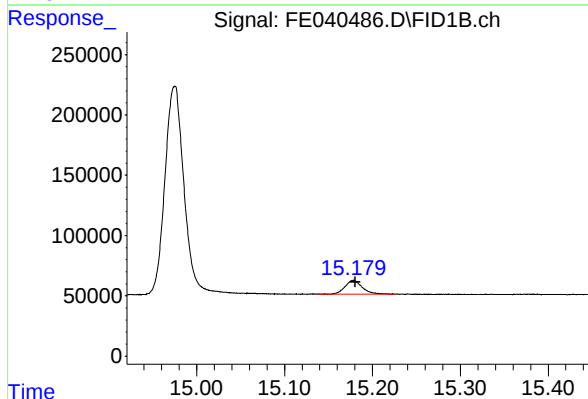
#8 N-DOCOSANE

R.T.: 14.075 min
Delta R.T.: -0.001 min
Response: 157037
Conc: 1.06 ug/ml



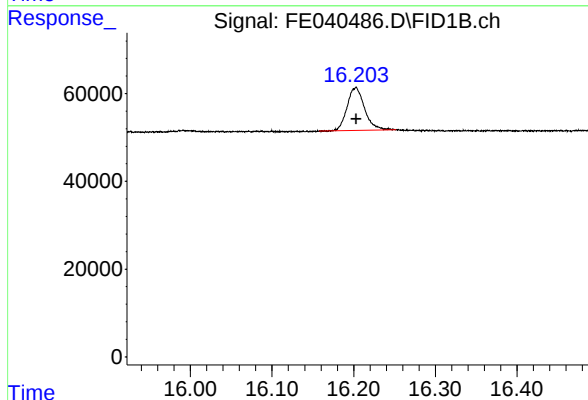
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.975 min
Delta R.T.: -0.002 min
Response: 2607862
Conc: 19.75 ug/ml



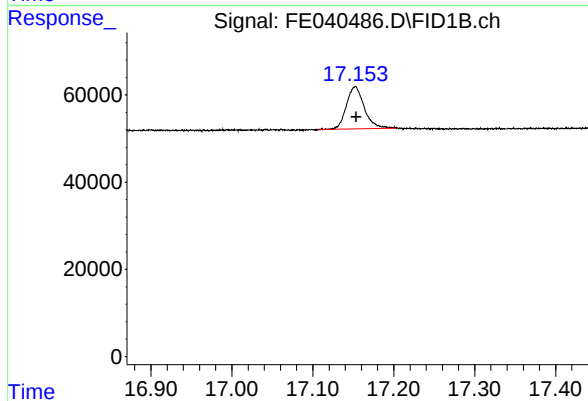
#10 N-TETRACOSANE

R.T.: 15.178 min
Delta R.T.: -0.002 min
Response: 154091
Conc: 1.04 ug/ml



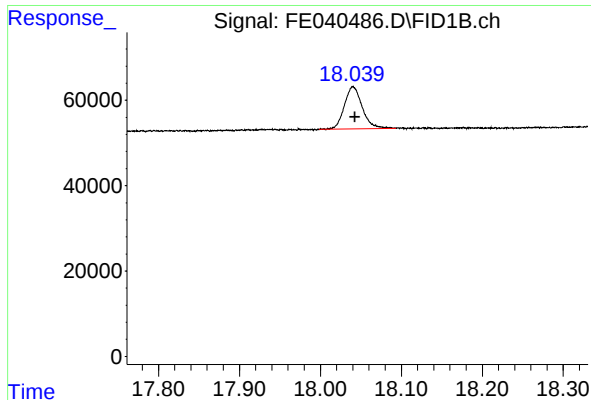
#11 N-HEXACOSANE

R.T.: 16.203 min
Delta R.T.: 0.000 min
Response: 146638
Conc: 1.01 ug/ml



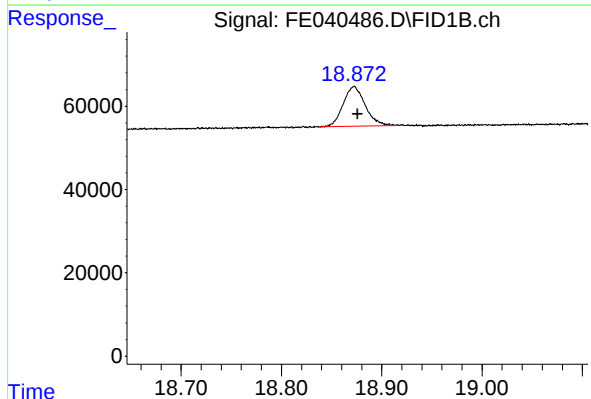
#12 N-OCTACOSANE

R.T.: 17.152 min
Delta R.T.: -0.001 min
Response: 148857
Conc: 1.05 ug/ml



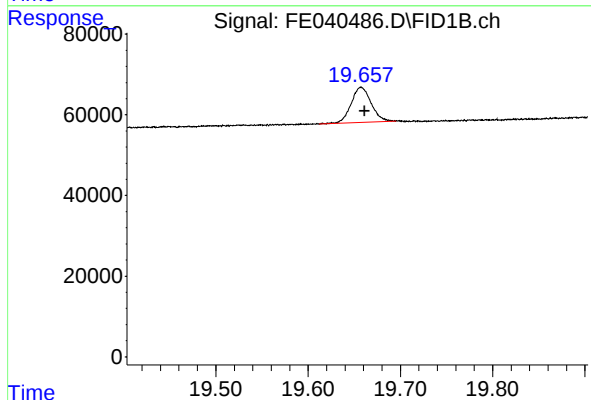
#13 N-TRIACONTANE

R.T.: 18.040 min
Delta R.T.: -0.002 min
Response: 151211
Conc: 1.10 ug/ml



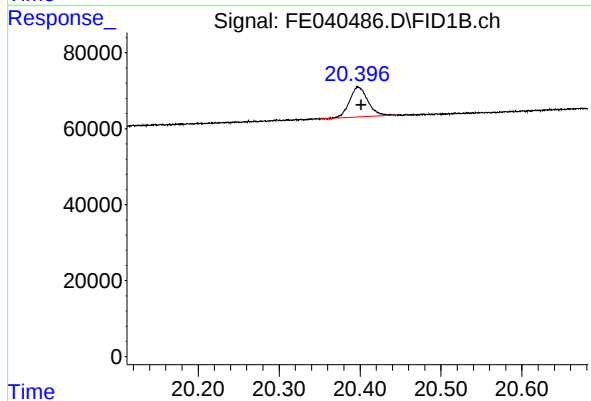
#14 N-DOTRIACONTANE

R.T.: 18.872 min
Delta R.T.: -0.003 min
Response: 145663
Conc: 1.12 ug/ml



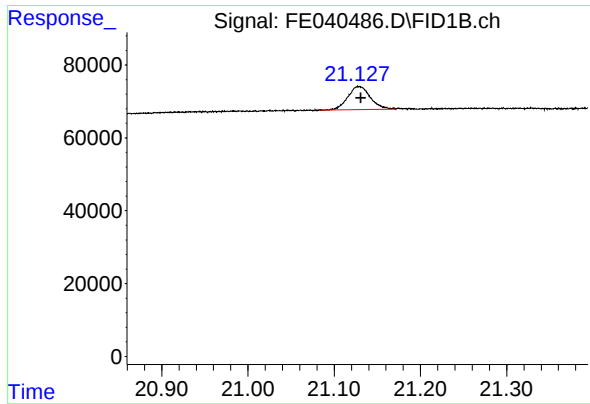
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.004 min
Response: 130646
Conc: 1.09 ug/ml



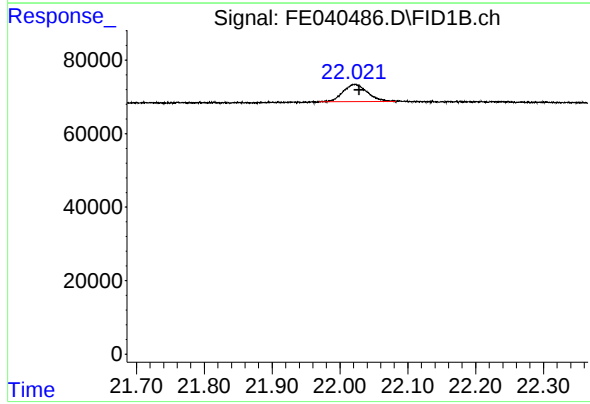
#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: -0.004 min
Response: 123349
Conc: 1.05 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.128 min
Delta R.T.: -0.003 min
Response: 114749
Conc: 1.04 ug/ml



#18 N-TETRACONTANE

R.T.: 22.021 min
Delta R.T.: -0.008 min
Response: 116750
Conc: 1.04 ug/ml