

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100623\
 Data File : FE044691.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2023 14:48
 Operator : YP\AJ
 Sample : 04699-01
 Misc : 1PPM SOIL LOD
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 09 00:19:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE100323.M
 Quant Title :
 QLast Update : Tue Oct 03 12:58:41 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...	15.016	2864401	19.524 ug/ml
Target Compounds			
1) N-OCTANE	2.026	198111	1.222 ug/ml
2) N-DECANE	4.551	221797	1.355 ug/ml
3) N-DODECANE	6.718	214639	1.295 ug/ml
4) N-TETRADECANE	8.545	221443	1.333 ug/ml
5) N-HEXADECANE	10.156	225792	1.340 ug/ml
6) N-OCTADECANE	11.601	227187	1.359 ug/ml
7) N-EICOSANE	12.913	225315	1.374 ug/ml
8) N-DOCOSANE	14.114	222024	1.411 ug/ml
10) N-TETRACOSANE	15.219	214144	1.383 ug/ml
11) N-HEXACOSANE	16.243	210982	1.399 ug/ml
12) N-OCTACOSANE	17.195	216164	1.455 ug/ml
13) N-TRIACONTANE	18.084	241469	1.628 ug/ml
14) N-DOTRIACONTANE	18.919	265569	1.833 ug/ml
15) N-TETRATRIACONTANE	19.702	247202	1.933 ug/ml
16) N-HEXATRIACONTANE	20.445	226128	2.141 ug/ml
17) N-OCTATRIACONTANE	21.186	220316	2.214 ug/ml
18) N-TETRACONTANE	22.110	225025	2.203 ug/ml

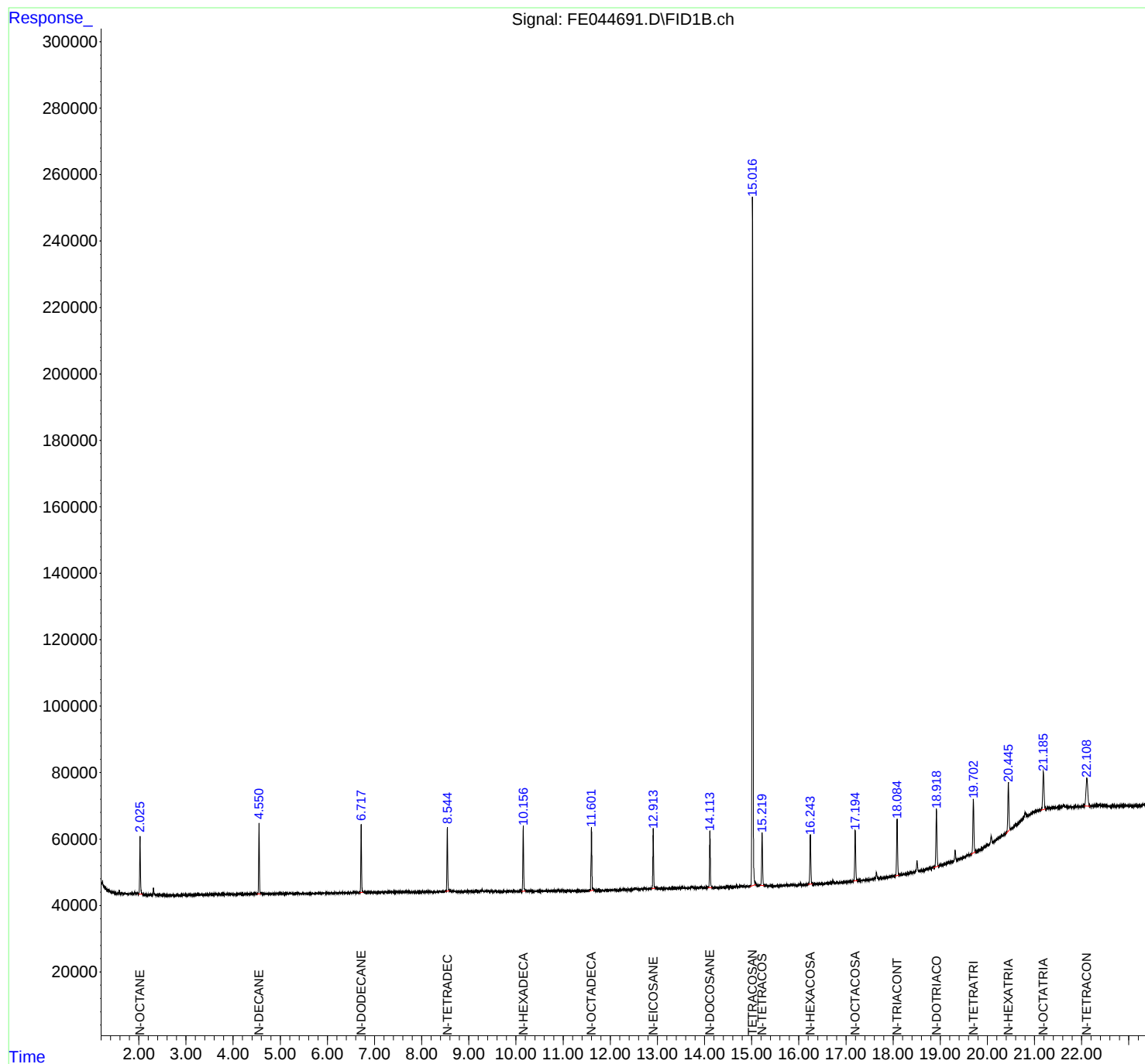
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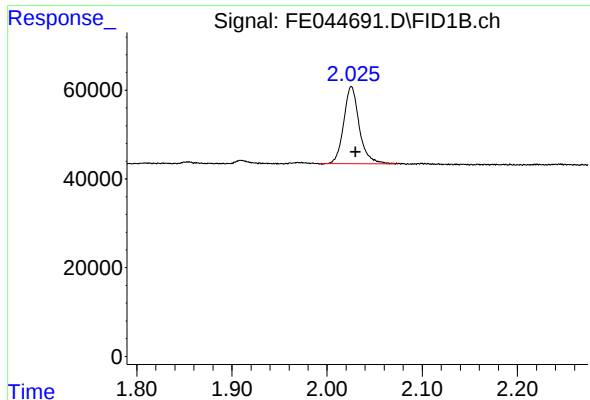
(m)=manual int.

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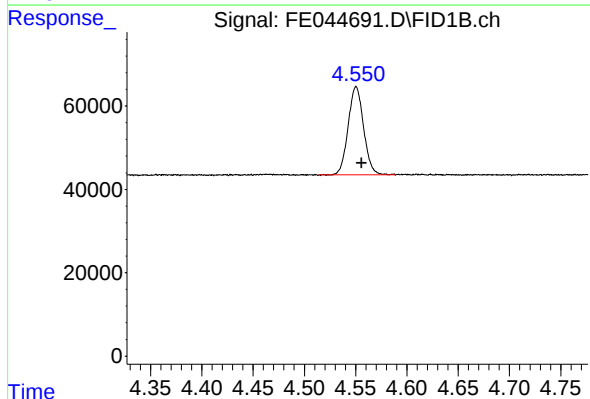
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





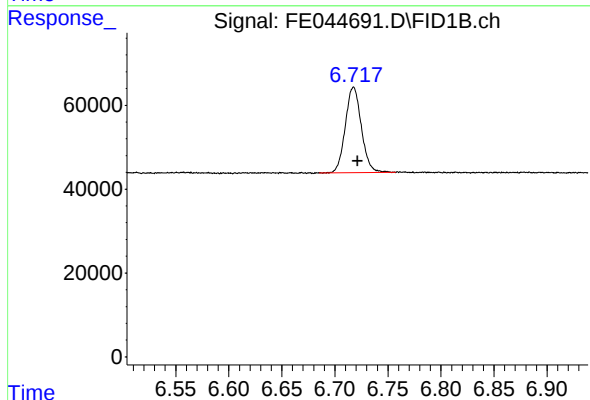
#1 N-OCTANE

R.T.: 2.026 min
Delta R.T.: -0.004 min
Response: 198111
Conc: 1.22 ug/ml



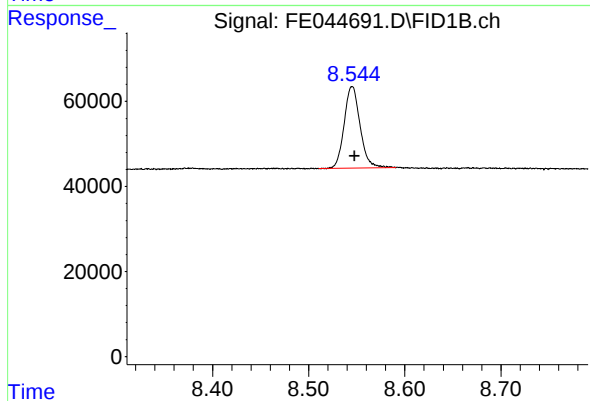
#2 N-DECANE

R.T.: 4.551 min
Delta R.T.: -0.005 min
Response: 221797
Conc: 1.35 ug/ml



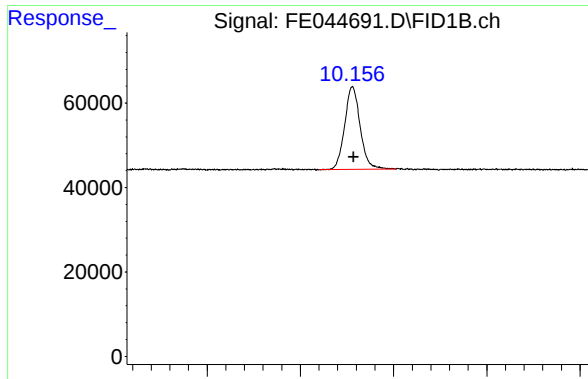
#3 N-DODECANE

R.T.: 6.718 min
Delta R.T.: -0.004 min
Response: 214639
Conc: 1.30 ug/ml



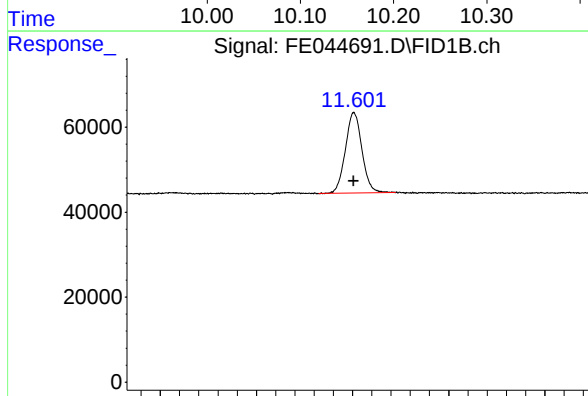
#4 N-TETRADECANE

R.T.: 8.545 min
Delta R.T.: -0.003 min
Response: 221443
Conc: 1.33 ug/ml



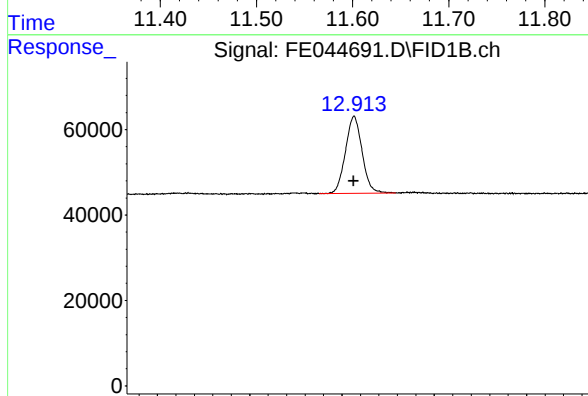
#5 N-HEXADECANE

R.T.: 10.156 min
Delta R.T.: -0.001 min
Response: 225792
Conc: 1.34 ug/ml



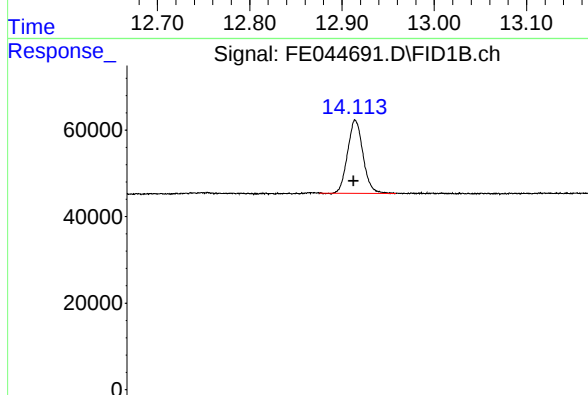
#6 N-OCTADECANE

R.T.: 11.601 min
Delta R.T.: 0.000 min
Response: 227187
Conc: 1.36 ug/ml



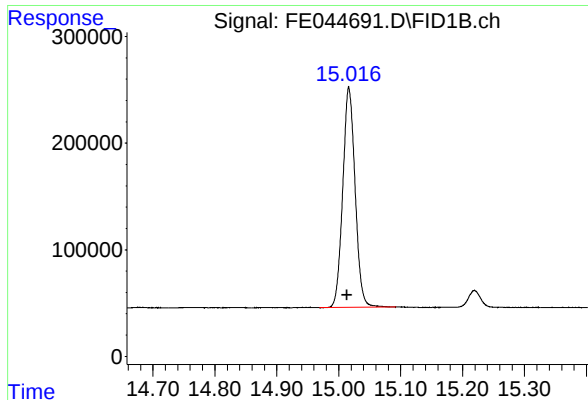
#7 N-EICOSANE

R.T.: 12.913 min
Delta R.T.: 0.000 min
Response: 225315
Conc: 1.37 ug/ml



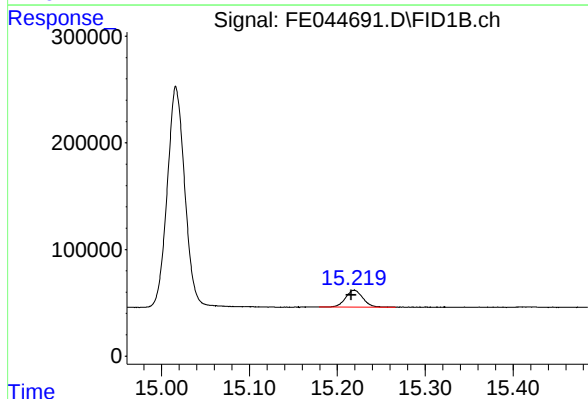
#8 N-DOCOSANE

R.T.: 14.114 min
Delta R.T.: 0.002 min
Response: 222024
Conc: 1.41 ug/ml



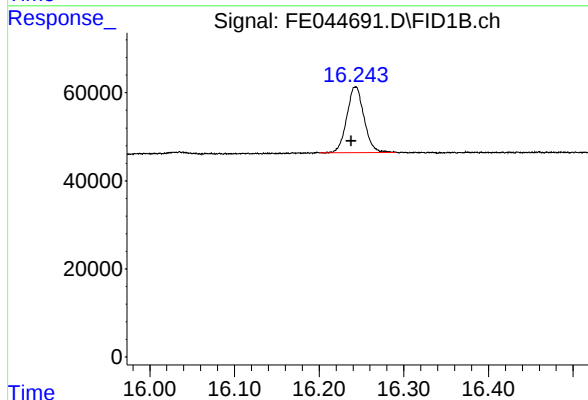
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.016 min
Delta R.T.: 0.003 min
Response: 2864401
Conc: 19.52 ug/ml



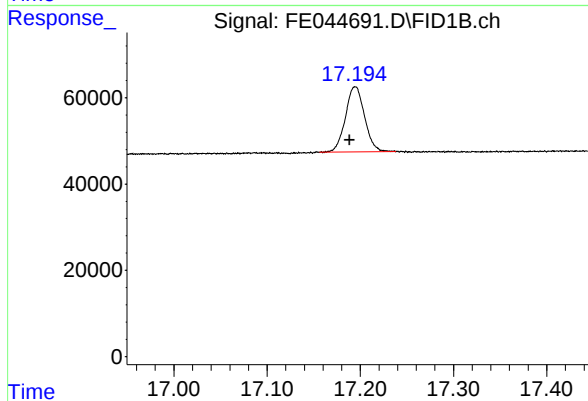
#10 N-TETRACOSANE

R.T.: 15.219 min
Delta R.T.: 0.003 min
Response: 214144
Conc: 1.38 ug/ml



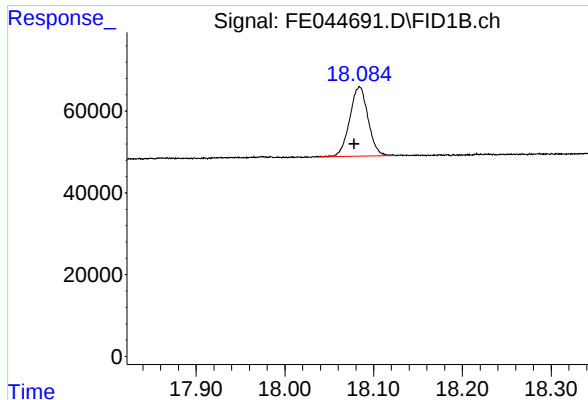
#11 N-HEXACOSANE

R.T.: 16.243 min
Delta R.T.: 0.005 min
Response: 210982
Conc: 1.40 ug/ml



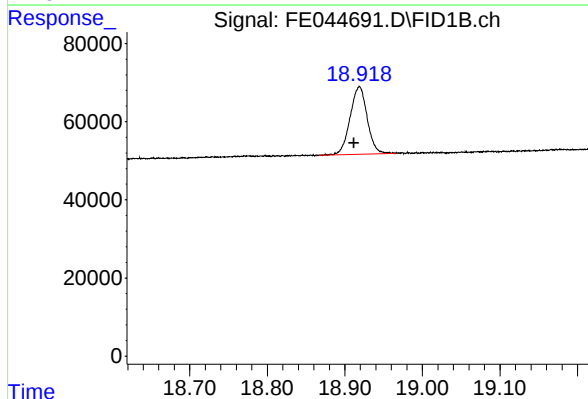
#12 N-OCTACOSANE

R.T.: 17.195 min
Delta R.T.: 0.006 min
Response: 216164
Conc: 1.46 ug/ml



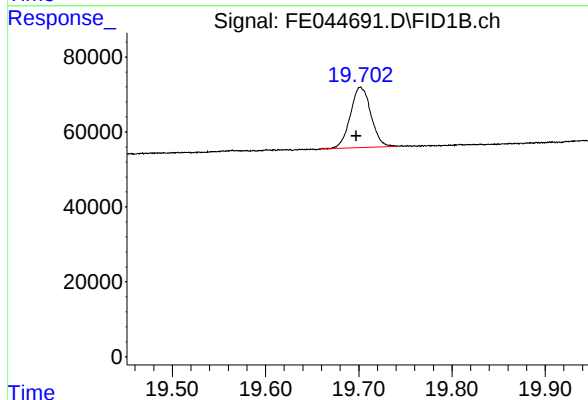
#13 N-TRIACONTANE

R.T.: 18.084 min
Delta R.T.: 0.006 min
Response: 241469
Conc: 1.63 ug/ml



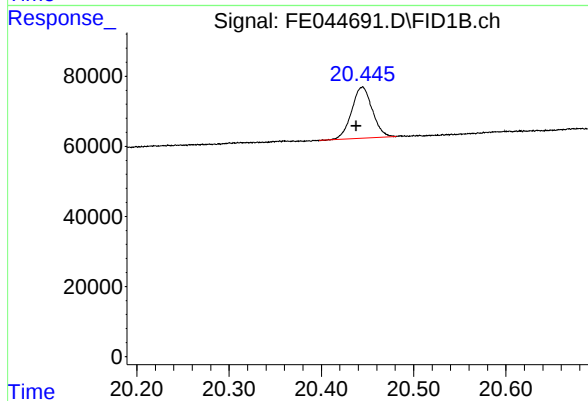
#14 N-DOTRIACONTANE

R.T.: 18.919 min
Delta R.T.: 0.007 min
Response: 265569
Conc: 1.83 ug/ml



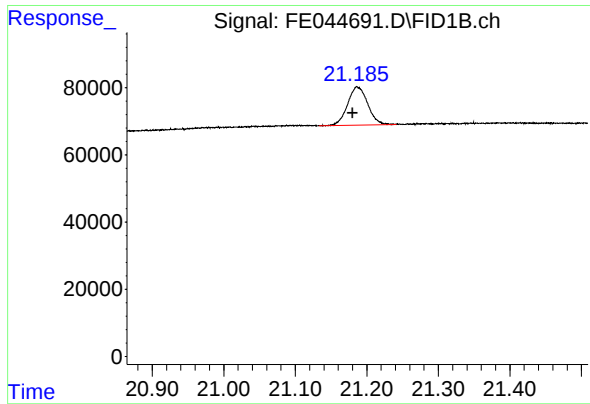
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
Delta R.T.: 0.005 min
Response: 247202
Conc: 1.93 ug/ml



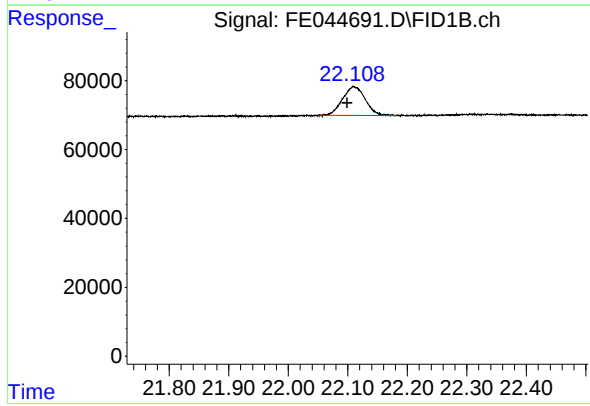
#16 N-HEXATRIACONTANE

R.T.: 20.445 min
Delta R.T.: 0.007 min
Response: 226128
Conc: 2.14 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.186 min
Delta R.T.: 0.006 min
Response: 220316
Conc: 2.21 ug/ml



#18 N-TETRACONTANE

R.T.: 22.110 min
Delta R.T.: 0.010 min
Response: 225025
Conc: 2.20 ug/ml