

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041623\
 Data File : FG011821.D
 Signal(s) : FID1A.ch
 Acq On : 14 Apr 2023 09:10
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 14 18:18:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG041323.M
 Quant Title :
 QLast Update : Wed Apr 12 18:20:41 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...	15.040	5026842	49.198 ug/ml
Target Compounds			
1) N-OCTANE	2.042	5517755	45.309 ug/ml
2) N-DECANE	4.561	5871149	47.022 ug/ml
3) N-DODECANE	6.733	5872574	47.151 ug/ml
4) N-TETRADECANE	8.565	5832893	48.191 ug/ml
5) N-HEXADECANE	10.176	5930919	47.920 ug/ml
6) N-OCTADECANE	11.623	5947972	48.496 ug/ml
7) N-EICOSANE	12.937	5914710	49.028 ug/ml
8) N-DOCOSANE	14.138	5710327	49.364 ug/ml
10) N-TETRACOSANE	15.244	5686765	48.956 ug/ml
11) N-HEXACOSANE	16.267	5527991	49.124 ug/ml
12) N-OCTACOSANE	17.219	5405659	49.274 ug/ml
13) N-TRIACONTANE	18.110	5315943	49.584 ug/ml
14) N-DOTRIACONTANE	18.945	5120628	49.148 ug/ml
15) N-TETRATRIACONTANE	19.730	4826166	46.972 ug/ml
16) N-HEXATRIACONTANE	20.472	4723687	46.202 ug/ml
17) N-OCTATRIACONTANE	21.220	4737572	45.432 ug/ml
18) N-TETRACONTANE	22.152	4697597	44.306 ug/ml

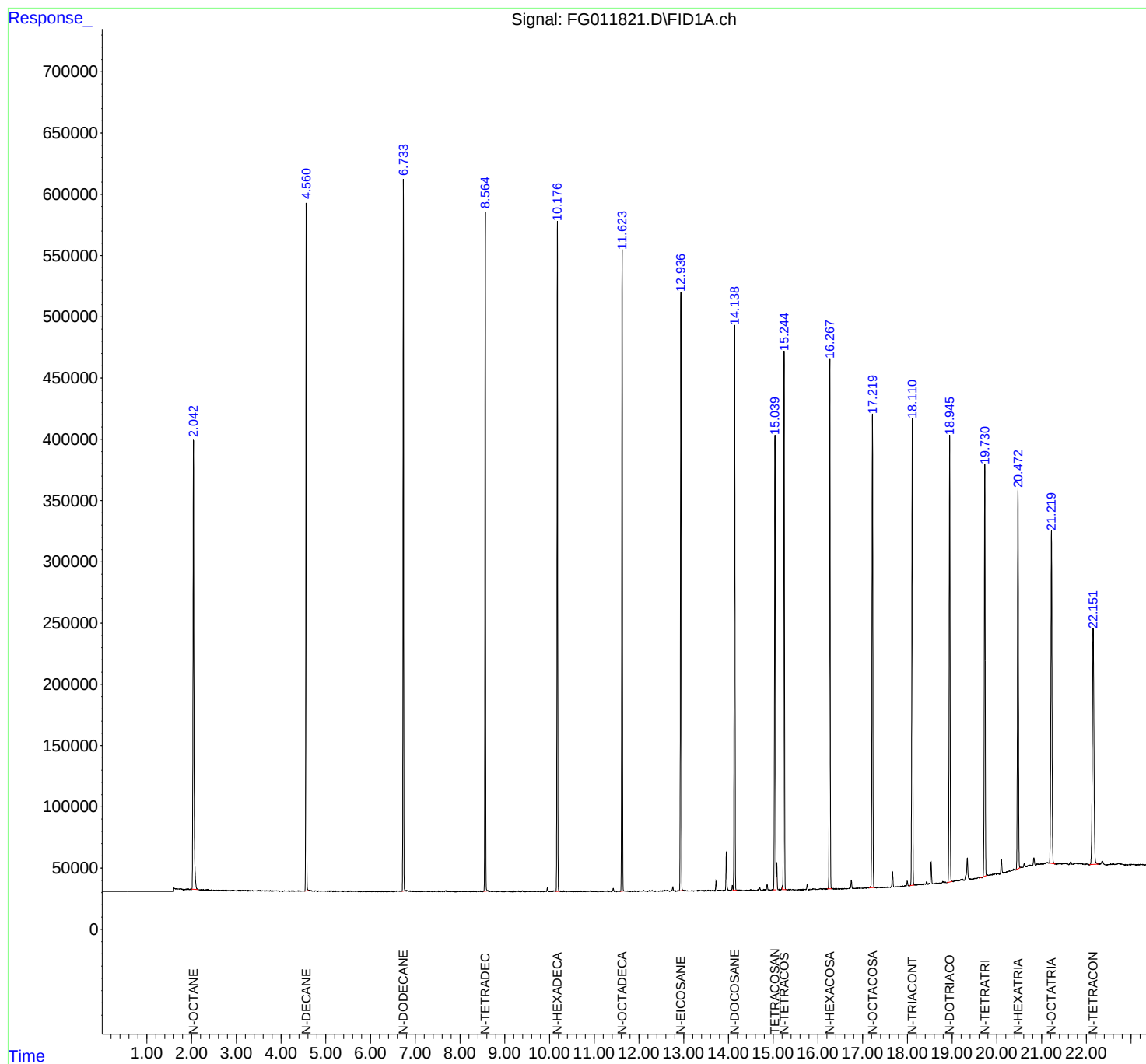
(f)=RT Delta > 1/2 Window

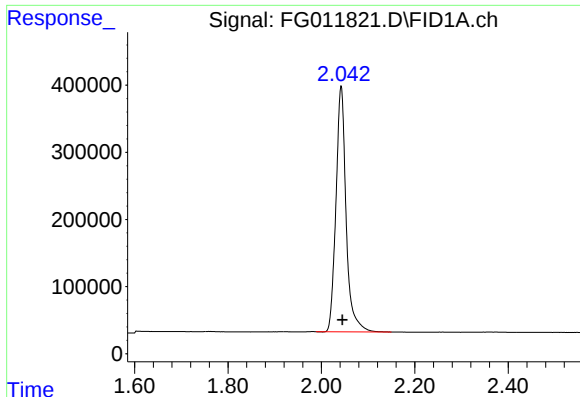
(m)=manual int.

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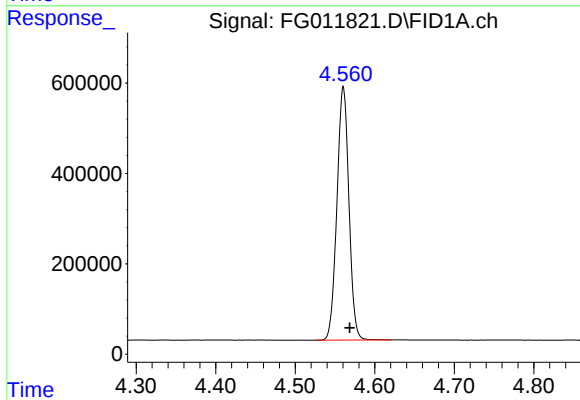
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





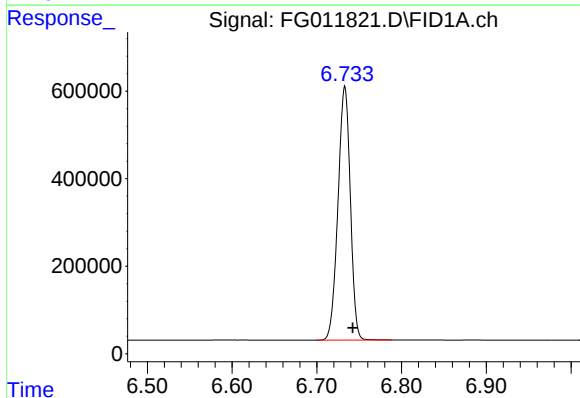
#1 N-OCTANE

R.T.: 2.042 min
Delta R.T.: -0.003 min
Response: 5517755
Conc: 45.31 ug/ml



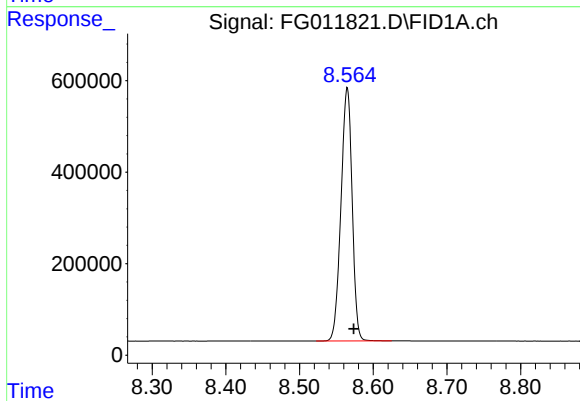
#2 N-DECANE

R.T.: 4.561 min
Delta R.T.: -0.008 min
Response: 5871149
Conc: 47.02 ug/ml



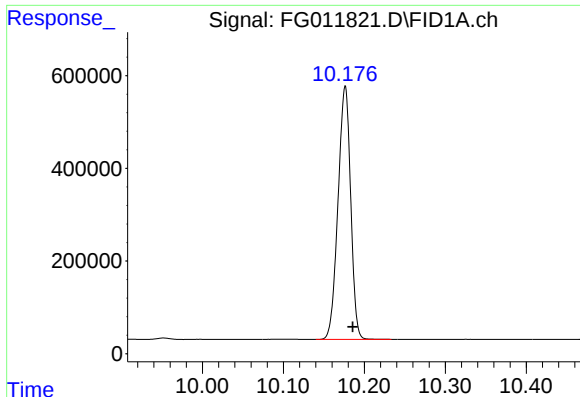
#3 N-DODECANE

R.T.: 6.733 min
Delta R.T.: -0.009 min
Response: 5872574
Conc: 47.15 ug/ml



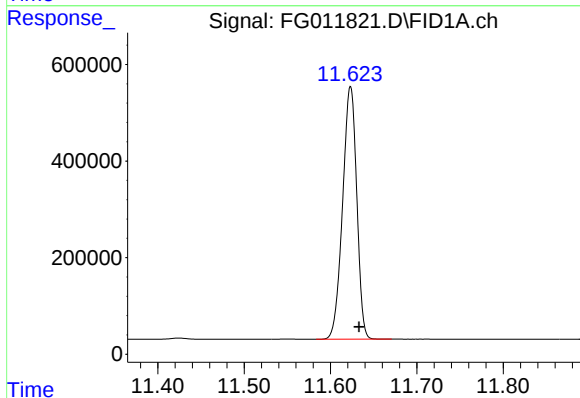
#4 N-TETRADECANE

R.T.: 8.565 min
Delta R.T.: -0.009 min
Response: 5832893
Conc: 48.19 ug/ml



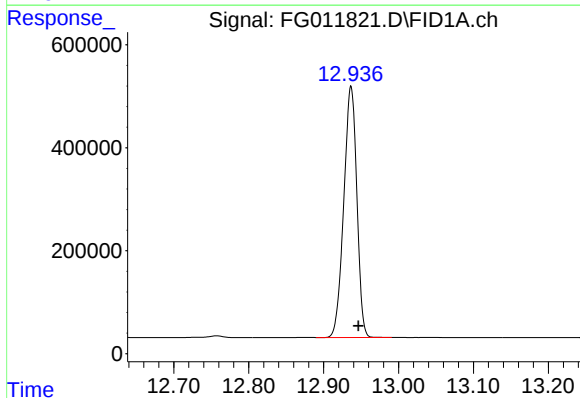
#5 N-HEXADECANE

R.T.: 10.176 min
Delta R.T.: -0.009 min
Response: 5930919
Conc: 47.92 ug/ml



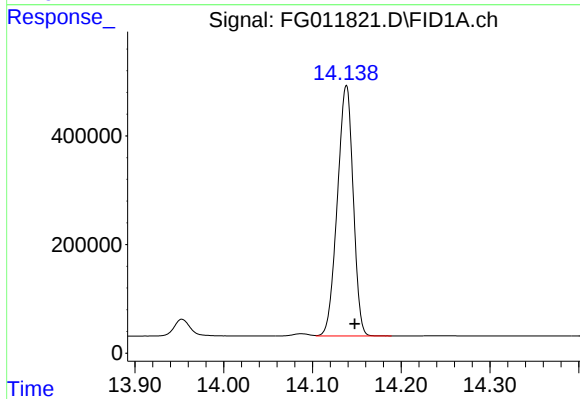
#6 N-OCTADECANE

R.T.: 11.623 min
Delta R.T.: -0.010 min
Response: 5947972
Conc: 48.50 ug/ml



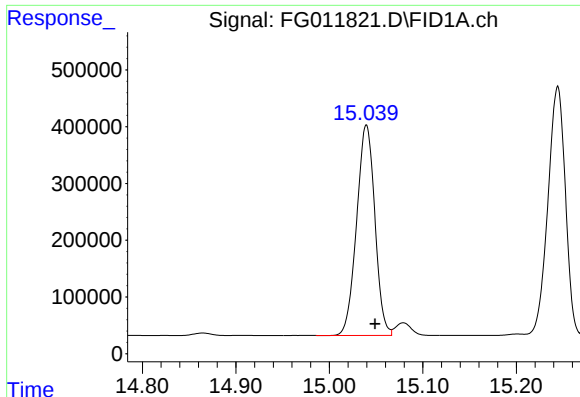
#7 N-EICOSANE

R.T.: 12.937 min
Delta R.T.: -0.010 min
Response: 5914710
Conc: 49.03 ug/ml



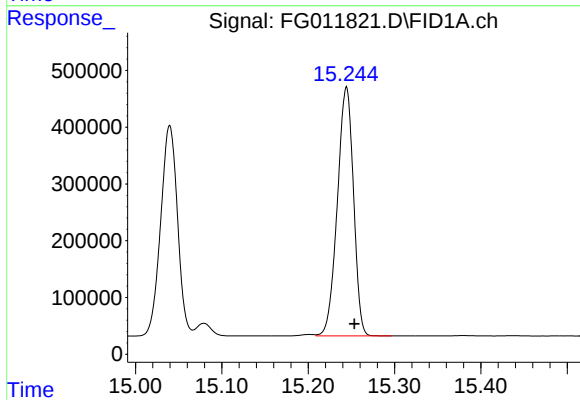
#8 N-DOCOSANE

R.T.: 14.138 min
Delta R.T.: -0.010 min
Response: 5710327
Conc: 49.36 ug/ml



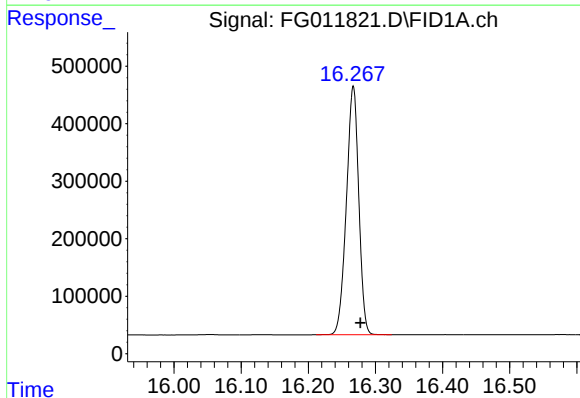
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.040 min
Delta R.T.: -0.009 min
Response: 5026842
Conc: 49.20 ug/ml



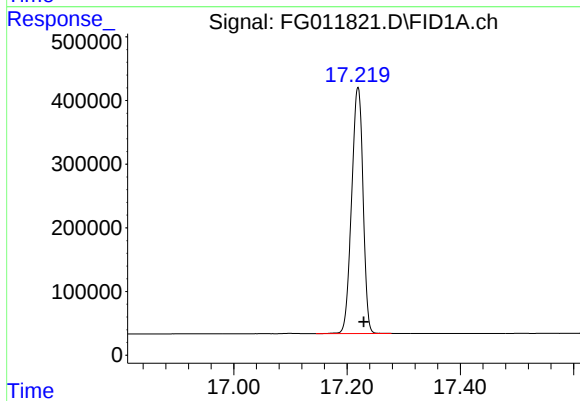
#10 N-TETRACOSANE

R.T.: 15.244 min
Delta R.T.: -0.009 min
Response: 5686765
Conc: 48.96 ug/ml



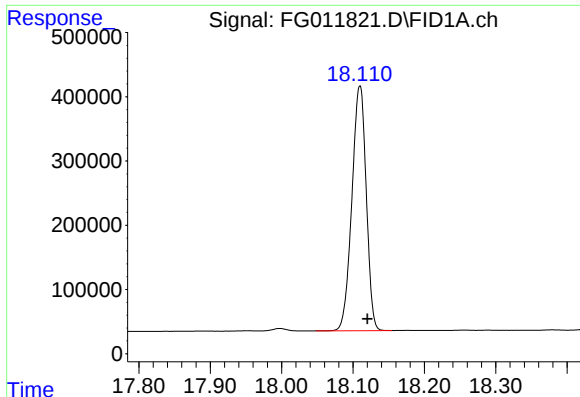
#11 N-HEXACOSANE

R.T.: 16.267 min
Delta R.T.: -0.010 min
Response: 5527991
Conc: 49.12 ug/ml



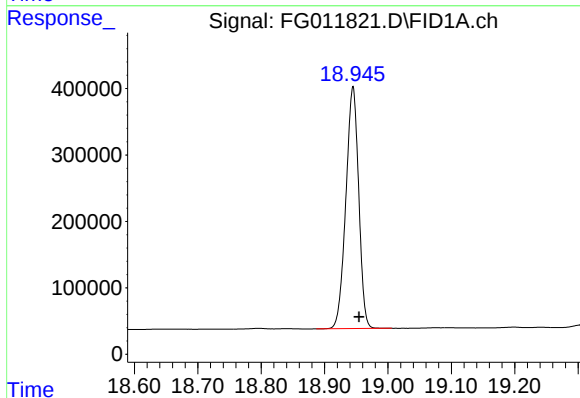
#12 N-OCTACOSANE

R.T.: 17.219 min
Delta R.T.: -0.010 min
Response: 5405659
Conc: 49.27 ug/ml



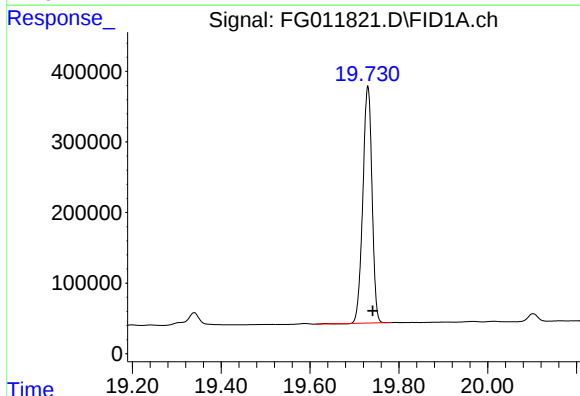
#13 N-TRIACONTANE

R.T.: 18.110 min
Delta R.T.: -0.011 min
Response: 5315943
Conc: 49.58 ug/ml



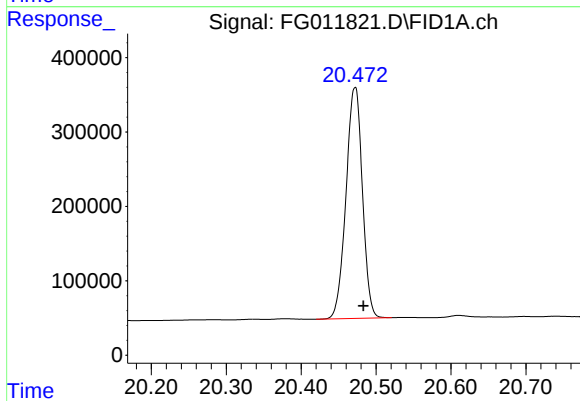
#14 N-DOTRIACONTANE

R.T.: 18.945 min
Delta R.T.: -0.010 min
Response: 5120628
Conc: 49.15 ug/ml



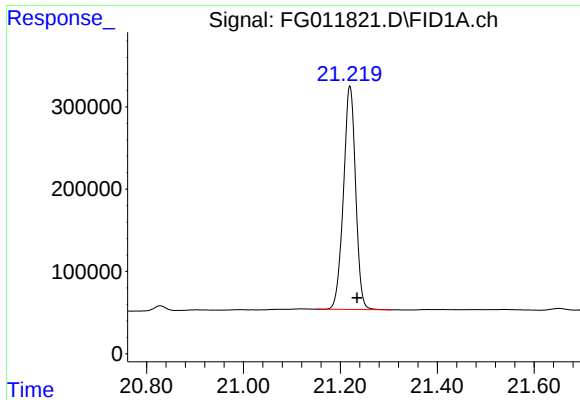
#15 N-TETRATRIACONTANE

R.T.: 19.730 min
Delta R.T.: -0.011 min
Response: 4826166
Conc: 46.97 ug/ml



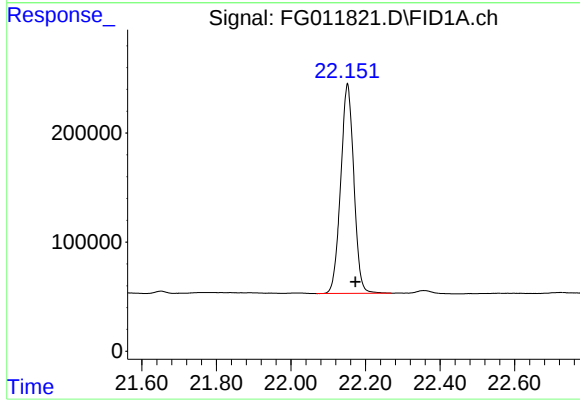
#16 N-HEXATRIACONTANE

R.T.: 20.472 min
Delta R.T.: -0.011 min
Response: 4723687
Conc: 46.20 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.220 min
Delta R.T.: -0.015 min
Response: 4737572
Conc: 45.43 ug/ml



#18 N-TETRACONTANE

R.T.: 22.152 min
Delta R.T.: -0.021 min
Response: 4697597
Conc: 44.31 ug/ml