

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080525\
 Data File : FG016349.D
 Signal(s) : FID1A.ch
 Acq On : 05 Aug 2025 12:39
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 12:46:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:46:32 2025
 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...	15.205	483239	5.072 ug/ml
Target Compounds			
1) N-OCTANE	2.120	553494	5.216 ug/ml
2) N-DECANE	4.668	561019	5.191 ug/ml
3) N-DODECANE	6.852	560226	5.155 ug/ml
4) N-TETRADECANE	8.695	561165	5.132 ug/ml
5) N-HEXADECANE	10.315	555822	5.113 ug/ml
6) N-OCTADECANE	11.770	565083	5.109 ug/ml
7) N-EICOSANE	13.091	577077	5.106 ug/ml
8) N-DOCOSANE	14.299	560983	5.106 ug/ml
10) N-TETRACOSANE	15.411	557704	5.090 ug/ml
11) N-HEXACOSANE	16.441	544030	5.087 ug/ml
12) N-OCTACOSANE	17.397	552676	5.130 ug/ml
13) N-TRIACONTANE	18.291	573262	5.261 ug/ml
14) N-DOTRIACONTANE	19.130	561991	5.335 ug/ml
15) N-TETRATRIACONTANE	19.920	522531	5.484 ug/ml
16) N-HEXATRIACONTANE	20.665	380120	5.087 ug/ml
17) N-OCTATRIACONTANE	21.459	320064	5.338 ug/ml
18) N-TETRACONTANE	22.465	171439	4.079 ug/ml

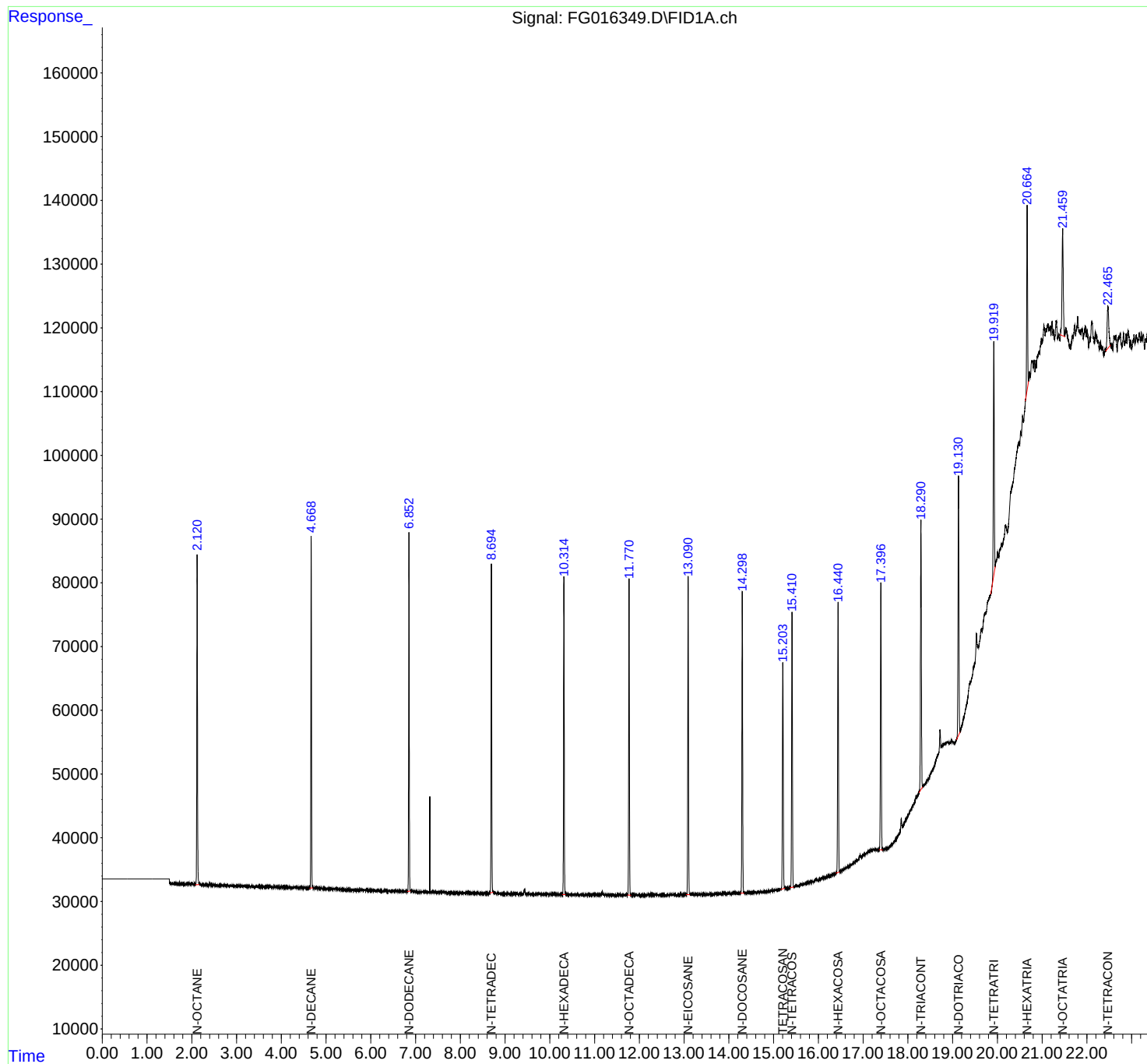
(f)=RT Delta > 1/2 Window

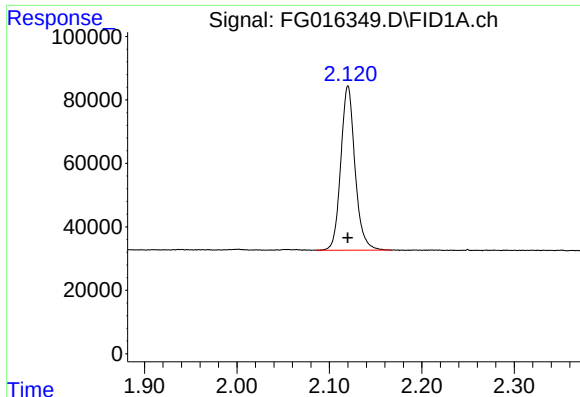
(m)=manual int.

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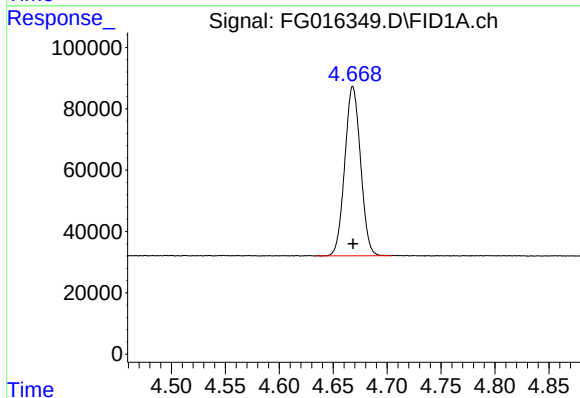
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





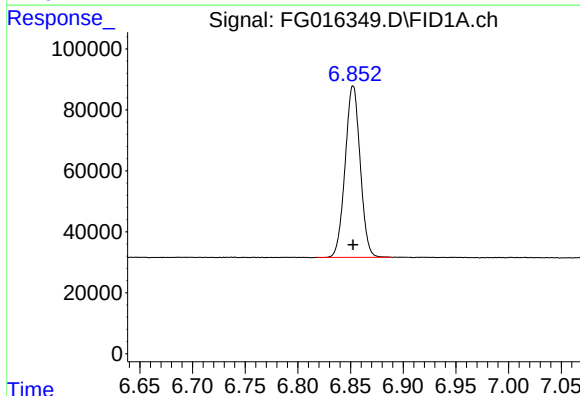
#1 N-OCTANE

R.T.: 2.120 min
Delta R.T.: 0.000 min
Response: 553494
Conc: 5.22 ug/ml



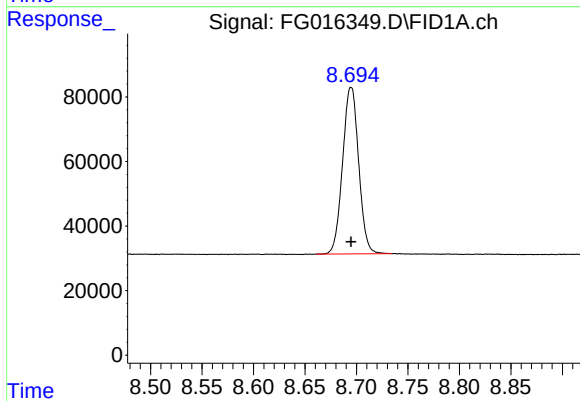
#2 N-DECANE

R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 561019
Conc: 5.19 ug/ml



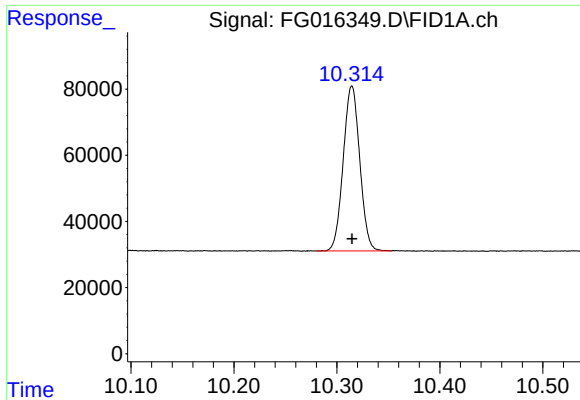
#3 N-DODECANE

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 560226
Conc: 5.15 ug/ml



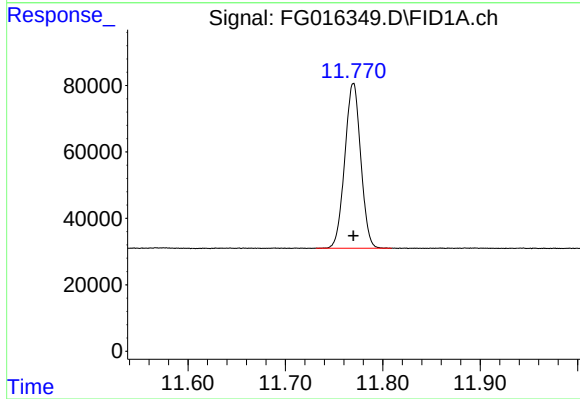
#4 N-TETRADECANE

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 561165
Conc: 5.13 ug/ml



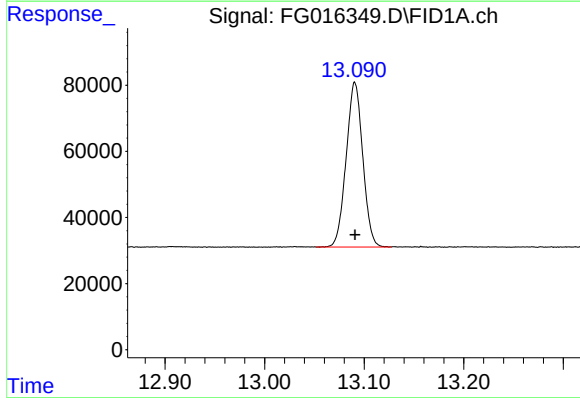
#5 N-HEXADECANE

R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 555822
Conc: 5.11 ug/ml



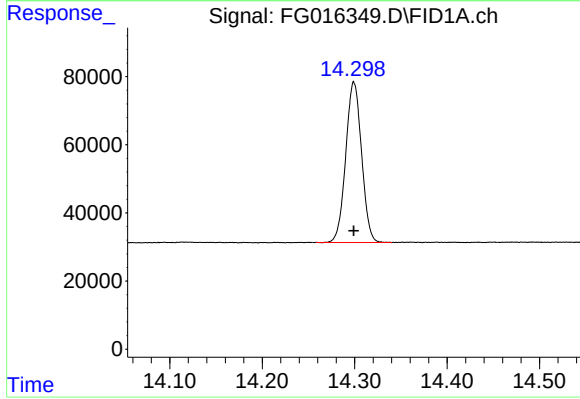
#6 N-OCTADECANE

R.T.: 11.770 min
Delta R.T.: 0.000 min
Response: 565083
Conc: 5.11 ug/ml



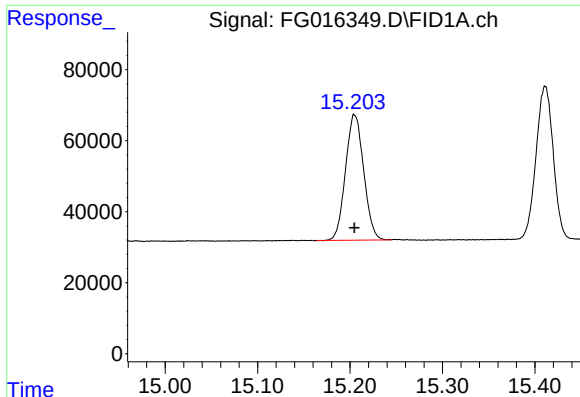
#7 N-EICOSANE

R.T.: 13.091 min
Delta R.T.: 0.000 min
Response: 577077
Conc: 5.11 ug/ml



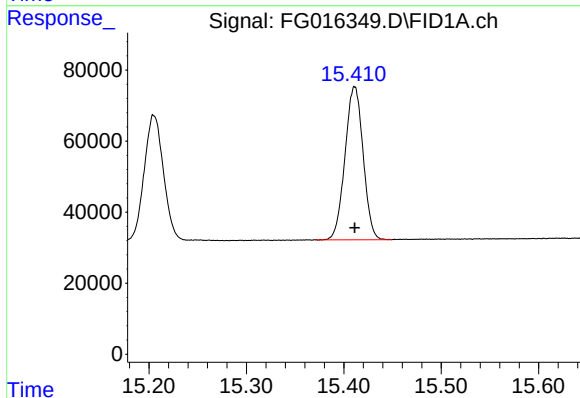
#8 N-DOCOSANE

R.T.: 14.299 min
Delta R.T.: 0.000 min
Response: 560983
Conc: 5.11 ug/ml



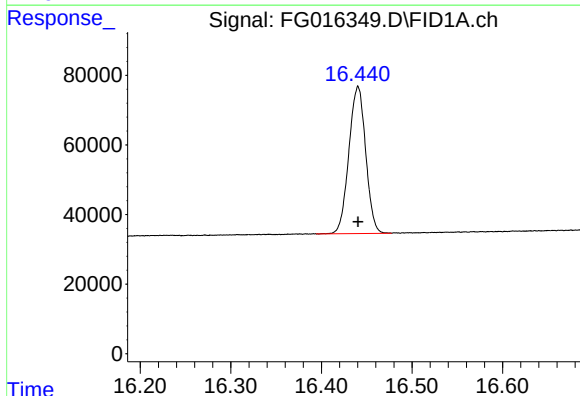
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.205 min
Delta R.T.: 0.000 min
Response: 483239
Conc: 5.07 ug/ml



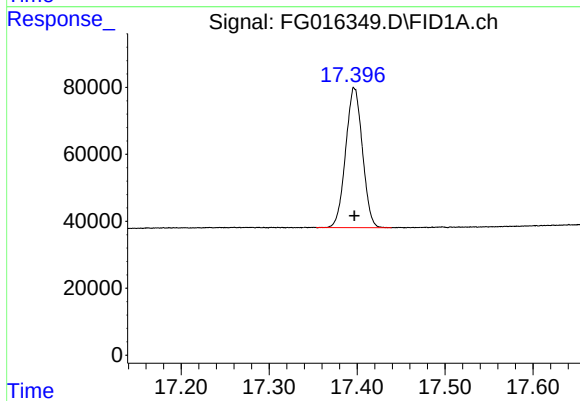
#10 N-TETRACOSANE

R.T.: 15.411 min
Delta R.T.: 0.000 min
Response: 557704
Conc: 5.09 ug/ml



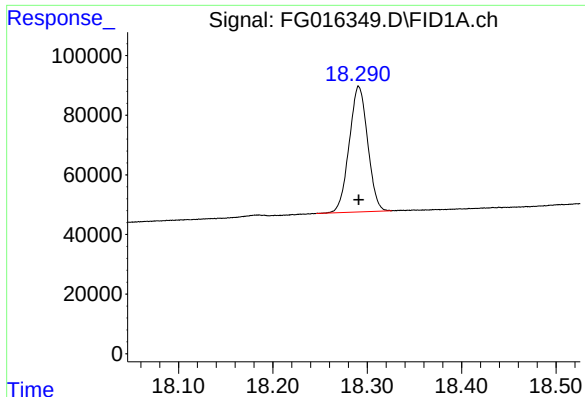
#11 N-HEXACOSANE

R.T.: 16.441 min
Delta R.T.: 0.000 min
Response: 544030
Conc: 5.09 ug/ml



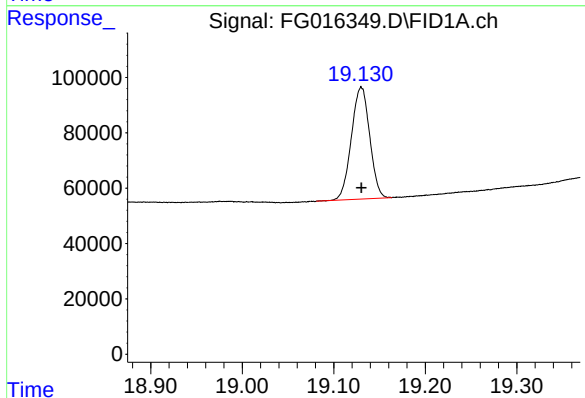
#12 N-OCTACOSANE

R.T.: 17.397 min
Delta R.T.: 0.000 min
Response: 552676
Conc: 5.13 ug/ml



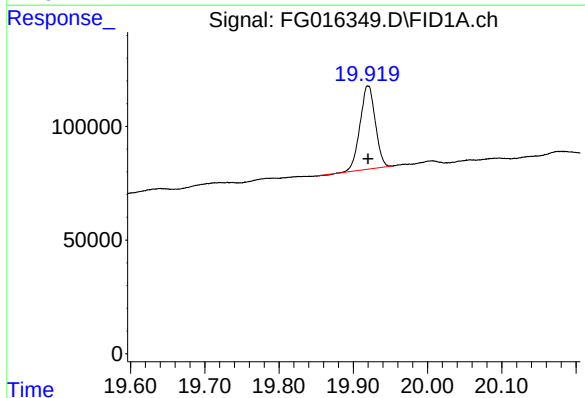
#13 N-TRIACONTANE

R.T.: 18.291 min
Delta R.T.: 0.000 min
Response: 573262
Conc: 5.26 ug/ml



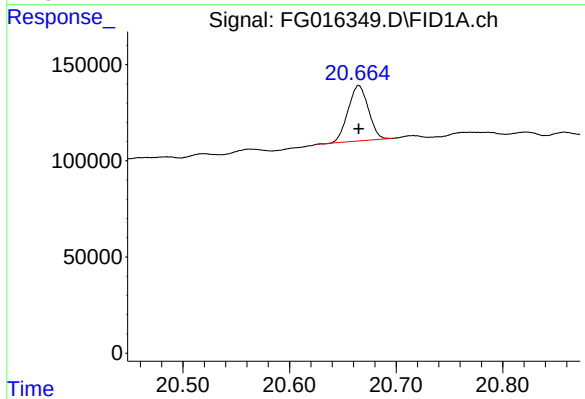
#14 N-DOTRIACONTANE

R.T.: 19.130 min
Delta R.T.: 0.000 min
Response: 561991
Conc: 5.34 ug/ml



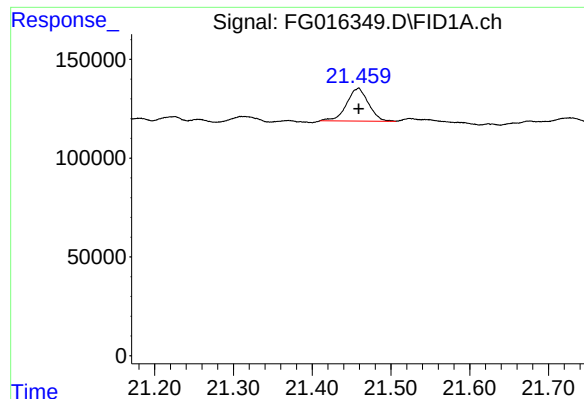
#15 N-TETRATRIACONTANE

R.T.: 19.920 min
Delta R.T.: 0.000 min
Response: 522531
Conc: 5.48 ug/ml



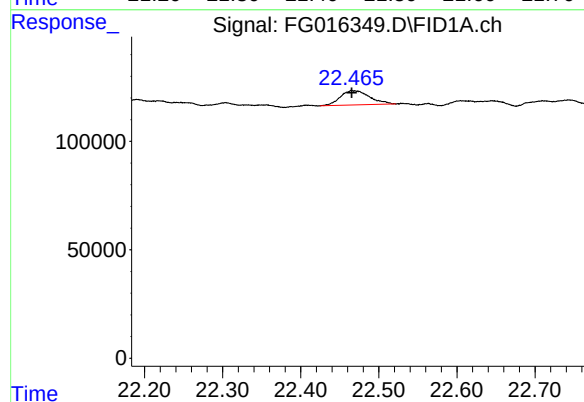
#16 N-HEXATRIACONTANE

R.T.: 20.665 min
Delta R.T.: 0.000 min
Response: 380120
Conc: 5.09 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.459 min
Delta R.T.: 0.000 min
Response: 320064
Conc: 5.34 ug/ml



#18 N-TETRACONTANE

R.T.: 22.465 min
Delta R.T.: 0.000 min
Response: 171439
Conc: 4.08 ug/ml