

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100623\
 Data File : FG013026.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2023 22:23
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 01:51:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
 Quant Title :
 QLast Update : Fri Sep 22 02:14:31 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...	15.095	5517134	48.683 ug/ml
Target Compounds			
1) N-OCTANE	2.078	5697944	50.954 ug/ml
2) N-DECANE	4.603	6006153	52.190 ug/ml
3) N-DODECANE	6.779	6116009	52.085 ug/ml
4) N-TETRADECANE	8.614	6109203	51.720 ug/ml
5) N-HEXADECANE	10.228	6200091	51.249 ug/ml
6) N-OCTADECANE	11.677	6180310	50.646 ug/ml
7) N-EICOSANE	12.992	6109096	49.897 ug/ml
8) N-DOCOSANE	14.194	5865834	49.214 ug/ml
10) N-TETRACOSANE	15.300	5838767	48.720 ug/ml
11) N-HEXACOSANE	16.324	5709446	48.221 ug/ml
12) N-OCTACOSANE	17.276	5654674	48.307 ug/ml
13) N-TRIACONTANE	18.166	5656951	49.004 ug/ml
14) N-DOTRIACONTANE	18.999	5541730	49.828 ug/ml
15) N-TETRATRIACONTANE	19.785	5317562	56.306 ug/ml
16) N-HEXATRIACONTANE	20.524	4384650	59.337 ug/ml
17) N-OCTATRIACONTANE	21.284	3880552	58.572 ug/ml
18) N-TETRACONTANE	22.241	3947100	62.595 ug/ml

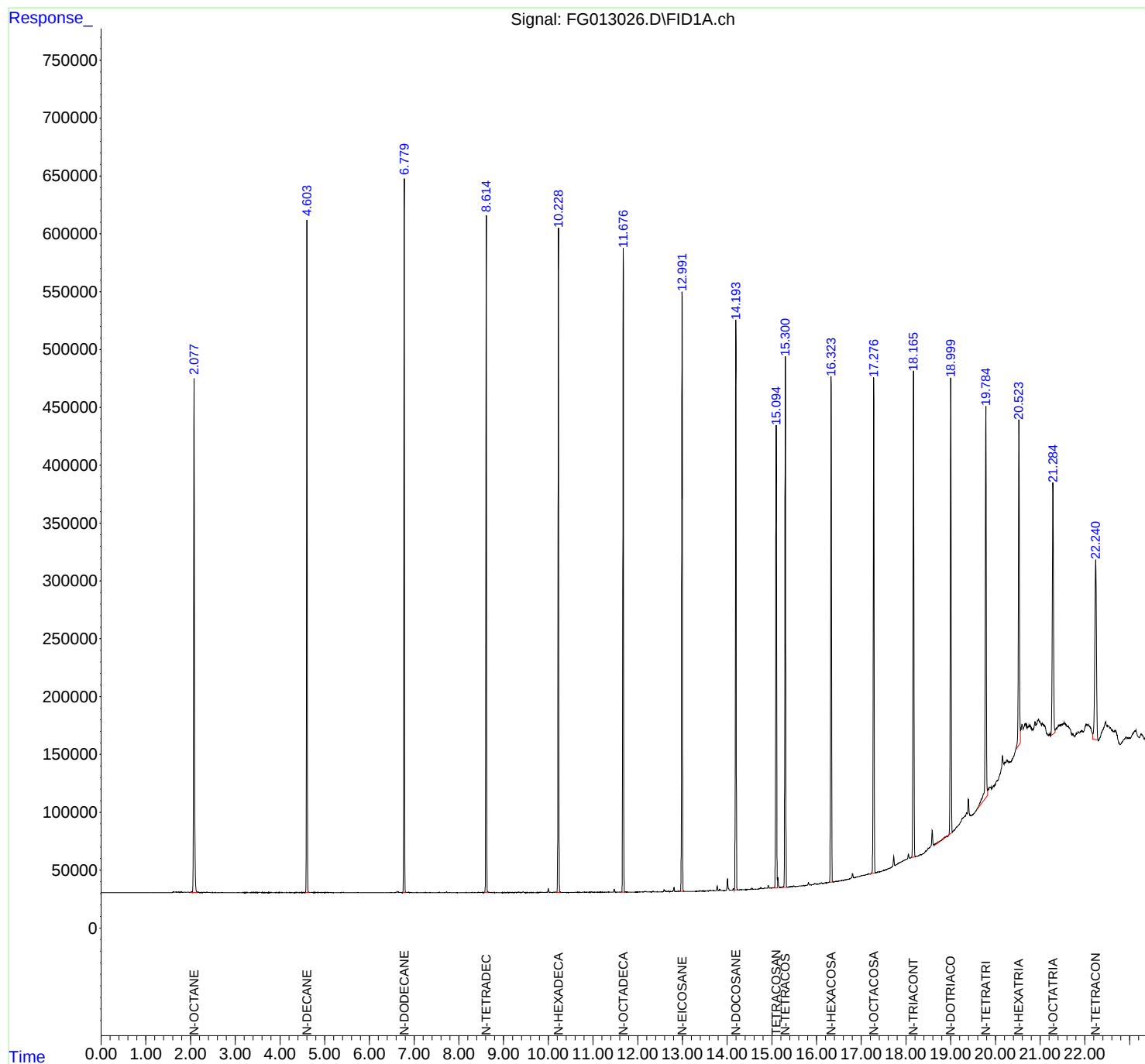
(f)=RT Delta > 1/2 Window

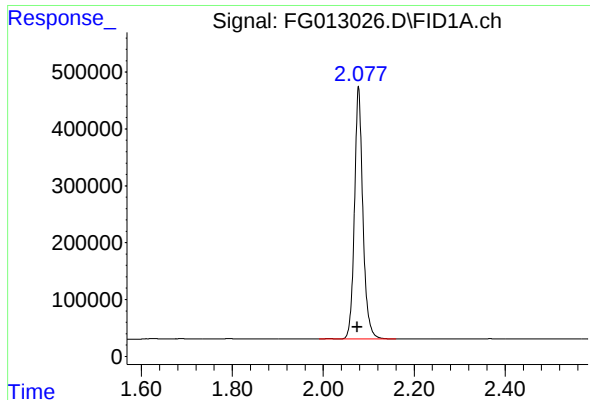
(m)=manual int.

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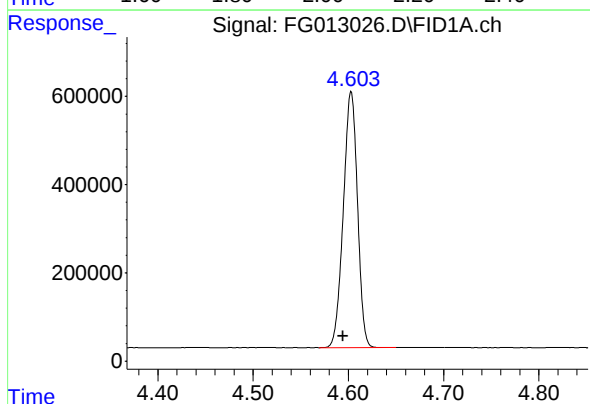
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





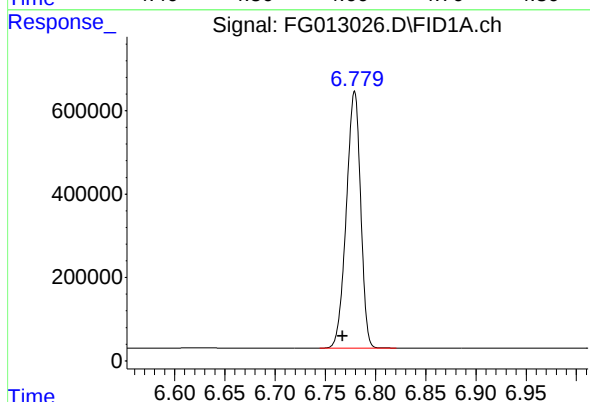
#1 N-OCTANE

R.T.: 2.078 min
Delta R.T.: 0.003 min
Response: 5697944
Conc: 50.95 ug/ml



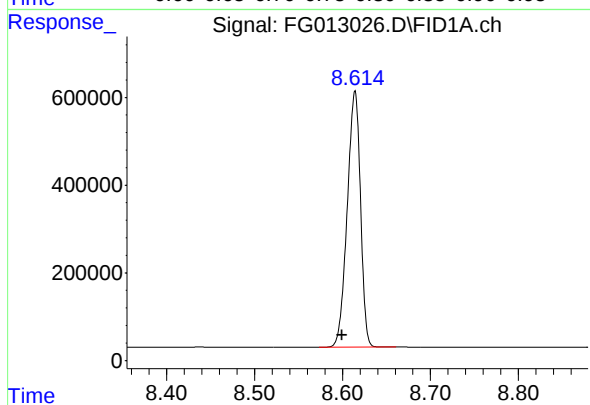
#2 N-DECANE

R.T.: 4.603 min
Delta R.T.: 0.009 min
Response: 6006153
Conc: 52.19 ug/ml



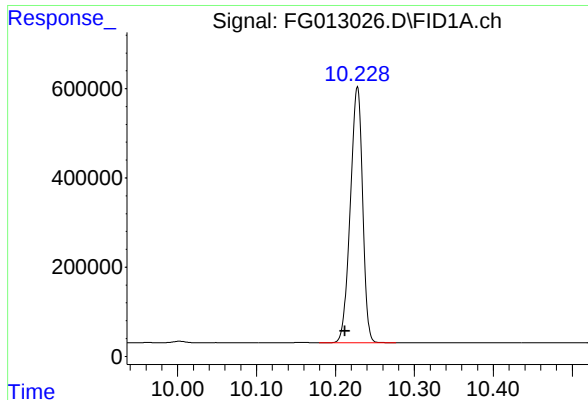
#3 N-DODECANE

R.T.: 6.779 min
Delta R.T.: 0.012 min
Response: 6116009
Conc: 52.08 ug/ml



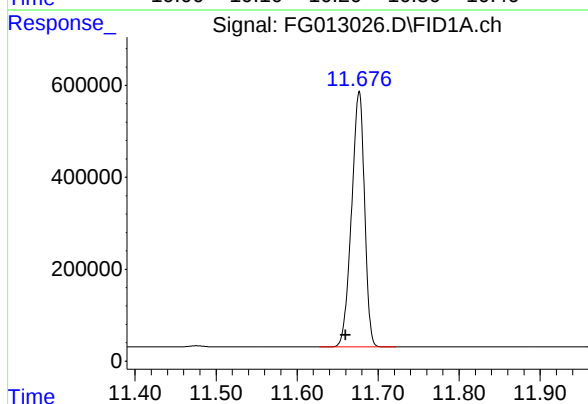
#4 N-TETRADECANE

R.T.: 8.614 min
Delta R.T.: 0.015 min
Response: 6109203
Conc: 51.72 ug/ml



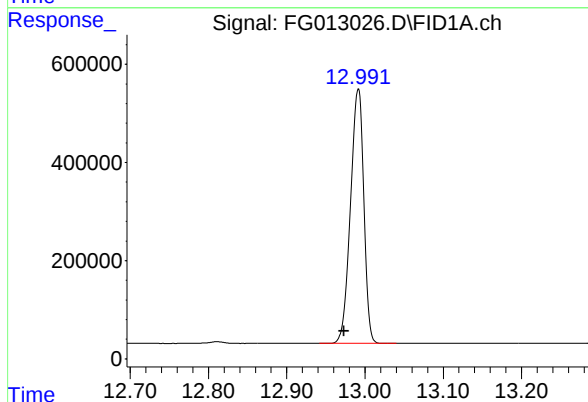
#5 N-HEXADECANE

R.T.: 10.228 min
Delta R.T.: 0.016 min
Response: 6200091
Conc: 51.25 ug/ml



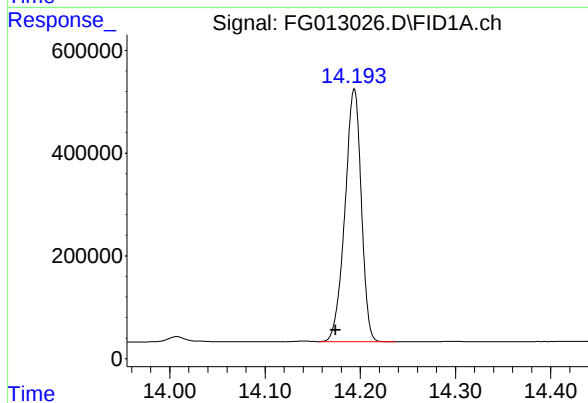
#6 N-OCTADECANE

R.T.: 11.677 min
Delta R.T.: 0.017 min
Response: 6180310
Conc: 50.65 ug/ml



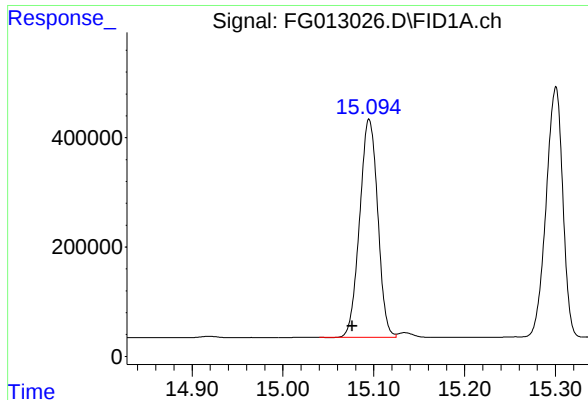
#7 N-EICOSANE

R.T.: 12.992 min
Delta R.T.: 0.018 min
Response: 6109096
Conc: 49.90 ug/ml



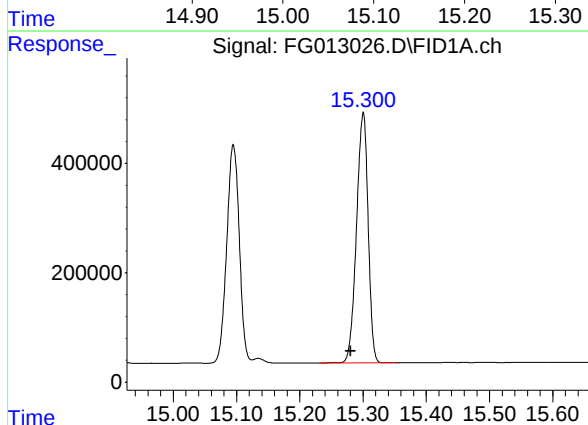
#8 N-DOCOSANE

R.T.: 14.194 min
Delta R.T.: 0.019 min
Response: 5865834
Conc: 49.21 ug/ml



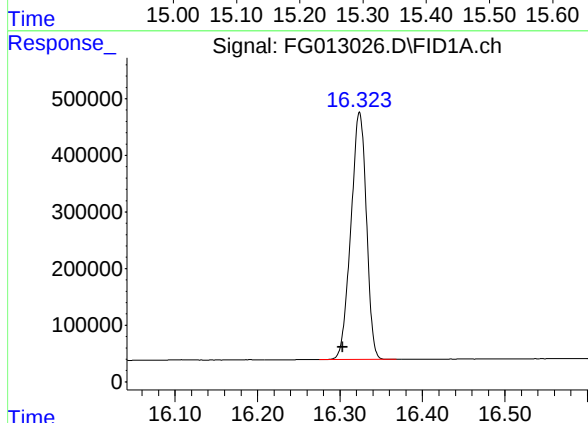
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.095 min
Delta R.T.: 0.018 min
Response: 5517134
Conc: 48.68 ug/ml



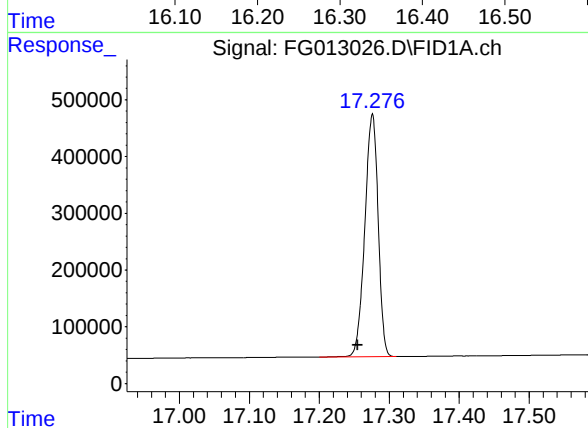
#10 N-TETRACOSANE

R.T.: 15.300 min
Delta R.T.: 0.020 min
Response: 5838767
Conc: 48.72 ug/ml



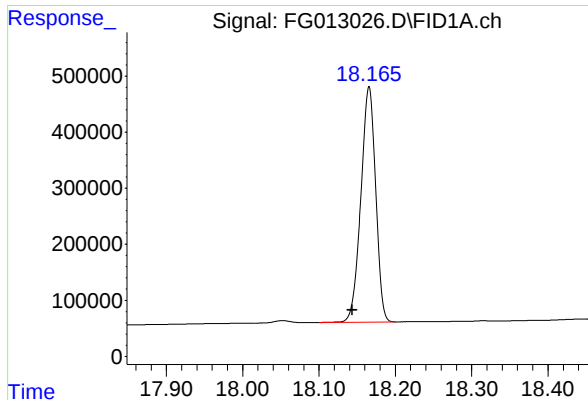
#11 N-HEXACOSANE

R.T.: 16.324 min
Delta R.T.: 0.020 min
Response: 5709446
Conc: 48.22 ug/ml



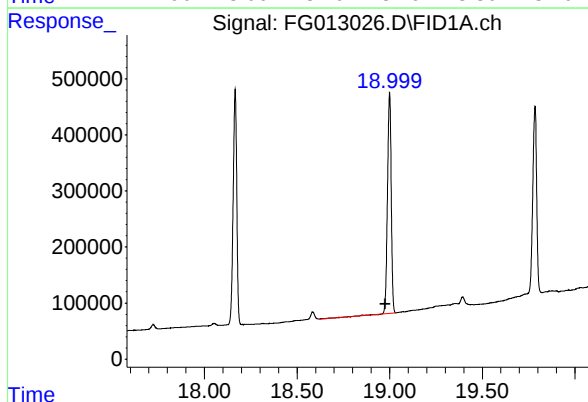
#12 N-OCTACOSANE

R.T.: 17.276 min
Delta R.T.: 0.021 min
Response: 5654674
Conc: 48.31 ug/ml



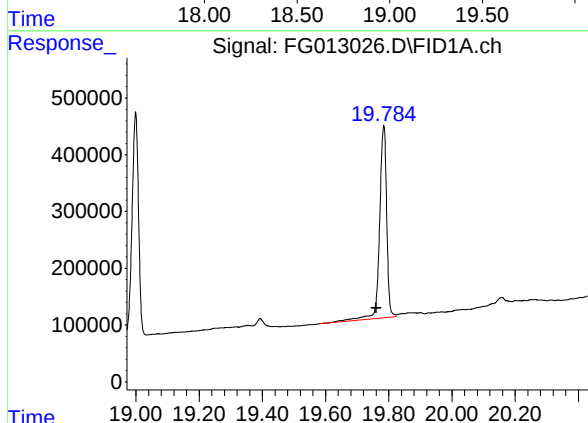
#13 N-TRIACONTANE

R.T.: 18.166 min
Delta R.T.: 0.022 min
Response: 5656951
Conc: 49.00 ug/ml



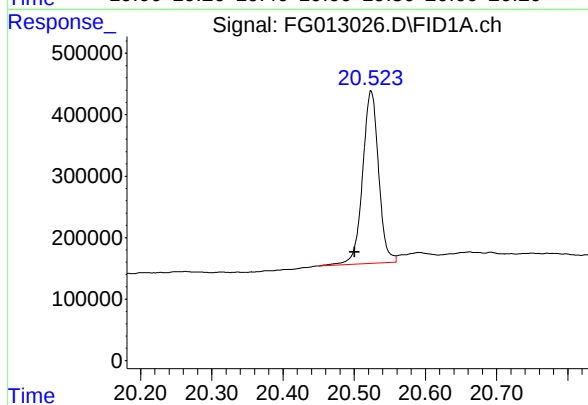
#14 N-DOTRIACONTANE

R.T.: 18.999 min
Delta R.T.: 0.022 min
Response: 5541730
Conc: 49.83 ug/ml



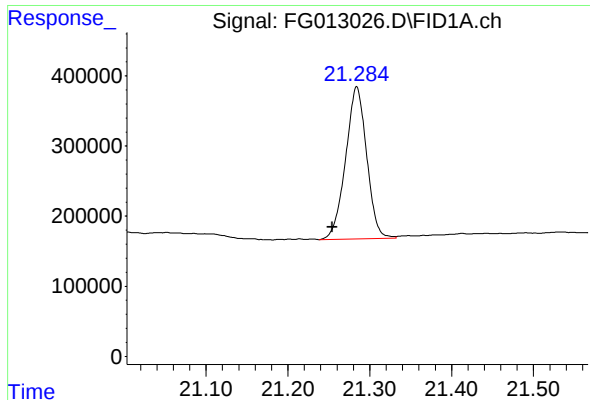
#15 N-TETRATRIACONTANE

R.T.: 19.785 min
Delta R.T.: 0.024 min
Response: 5317562
Conc: 56.31 ug/ml



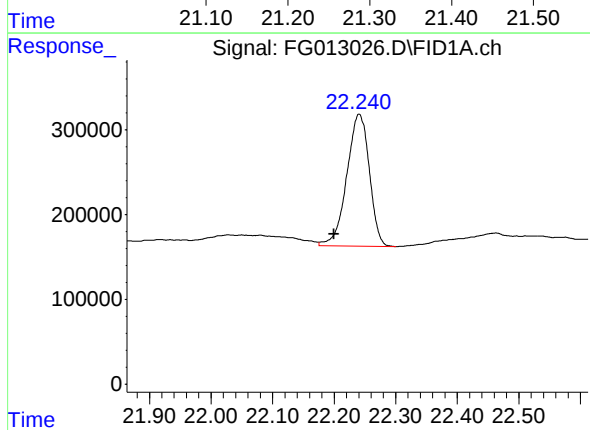
#16 N-HEXATRIACONTANE

R.T.: 20.524 min
Delta R.T.: 0.023 min
Response: 4384650
Conc: 59.34 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.284 min
Delta R.T.: 0.030 min
Response: 3880552
Conc: 58.57 ug/ml



#18 N-TETRACONTANE

R.T.: 22.241 min
Delta R.T.: 0.041 min
Response: 3947100
Conc: 62.59 ug/ml