

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070325\
 Data File : FG016223.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2025 12:17
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 04 05:29:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Quant Title :
 QLast Update : Fri Jun 13 12:34:28 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...	15.210	5742967	48.959 ug/ml
Target Compounds			
1) N-OCTANE	2.127	6128375	49.704 ug/ml
2) N-DECANE	4.677	6384087	50.885 ug/ml
3) N-DODECANE	6.860	6496580	50.912 ug/ml
4) N-TETRADECANE	8.702	6512221	50.462 ug/ml
5) N-HEXADECANE	10.321	6551358	50.193 ug/ml
6) N-OCTADECANE	11.776	6677668	49.862 ug/ml
7) N-EICOSANE	13.096	6708489	49.590 ug/ml
8) N-DOCOSANE	14.304	6522340	49.472 ug/ml
10) N-TETRACOSANE	15.416	6468206	49.102 ug/ml
11) N-HEXACOSANE	16.443	6349627	48.505 ug/ml
12) N-OCTACOSANE	17.402	6183453	47.865 ug/ml
13) N-TRIACONTANE	18.296	6127490	47.402 ug/ml
14) N-DOTRIACONTANE	19.133	5937338	47.797 ug/ml
15) N-TETRATRIACONTANE	19.921	5409775	49.209 ug/ml
16) N-HEXATRIACONTANE	20.666	5218074	56.573 ug/ml
17) N-OCTATRIACONTANE	21.459	4603954	58.486 ug/ml
18) N-TETRACONTANE	22.469	4455258	63.384 ug/ml

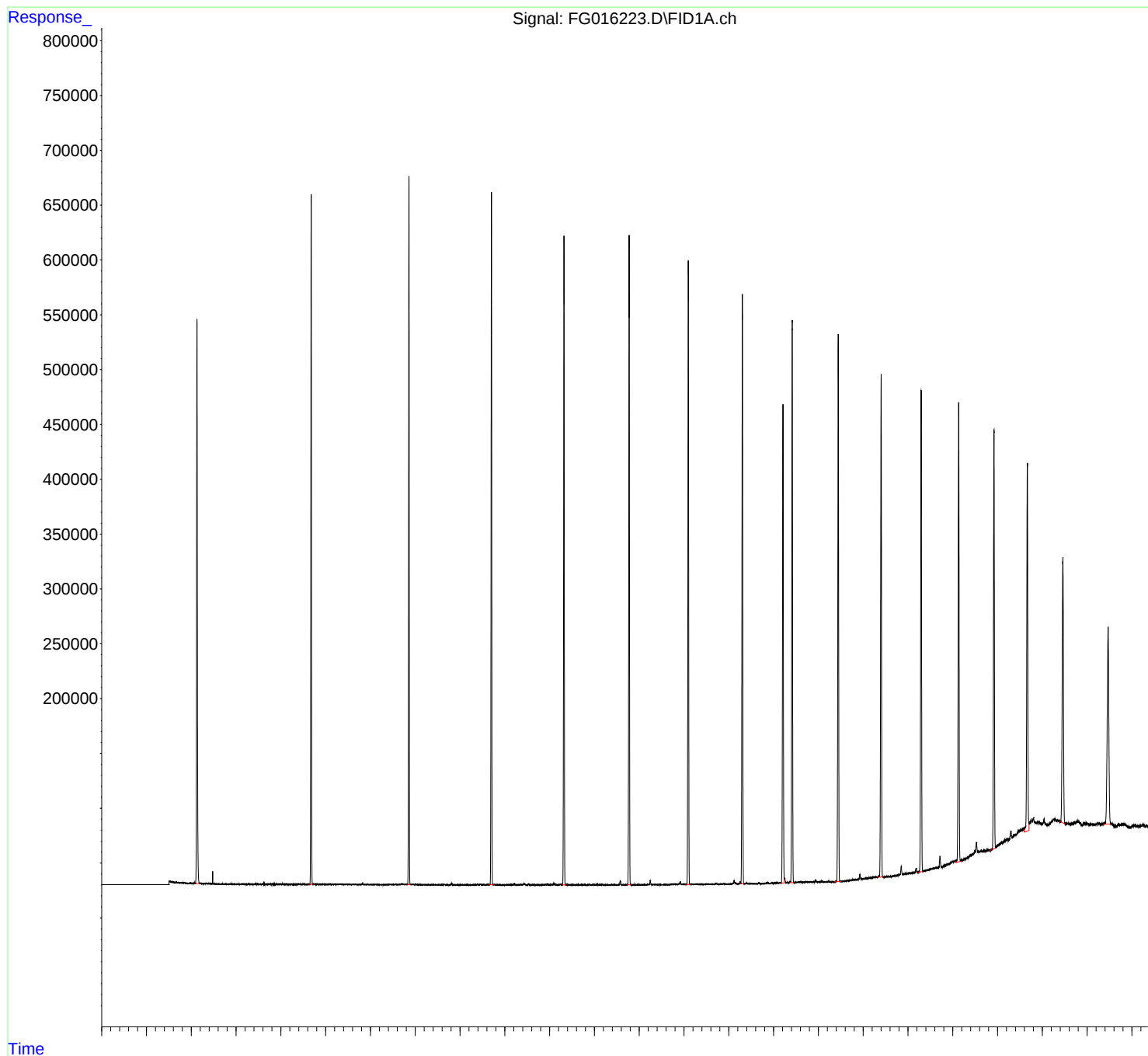
(f)=RT Delta > 1/2 Window

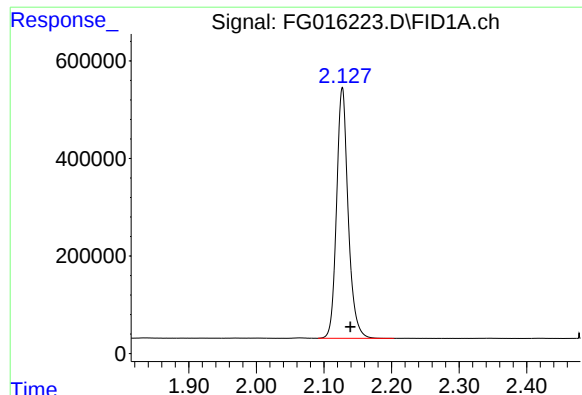
(m)=manual int.

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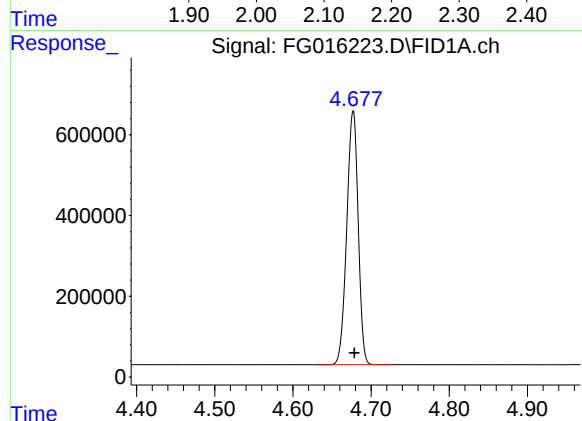
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





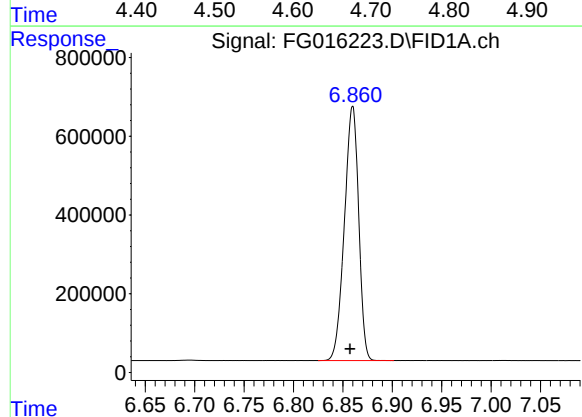
#1 N-OCTANE

R.T.: 2.127 min
Delta R.T.: -0.012 min
Response: 6128375
Conc: 49.70 ug/ml



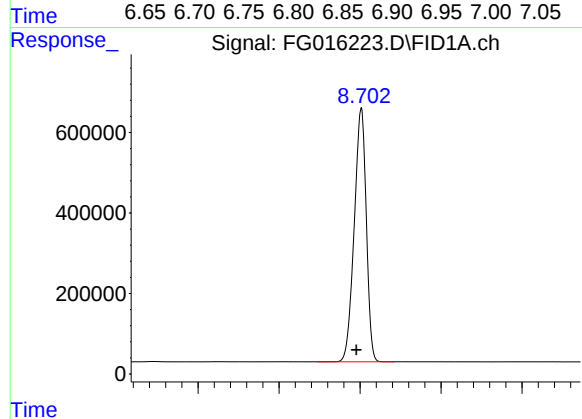
#2 N-DECANE

R.T.: 4.677 min
Delta R.T.: -0.002 min
Response: 6384087
Conc: 50.88 ug/ml



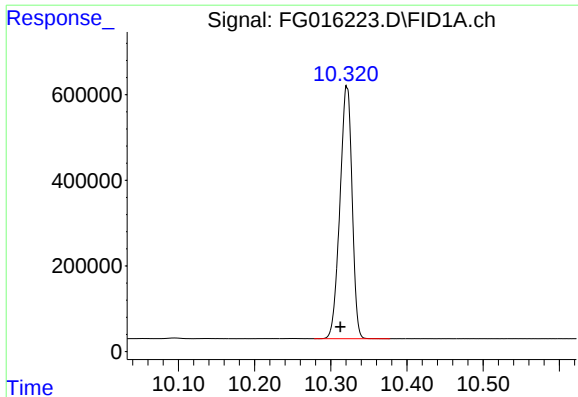
#3 N-DODECANE

R.T.: 6.860 min
Delta R.T.: 0.003 min
Response: 6496580
Conc: 50.91 ug/ml



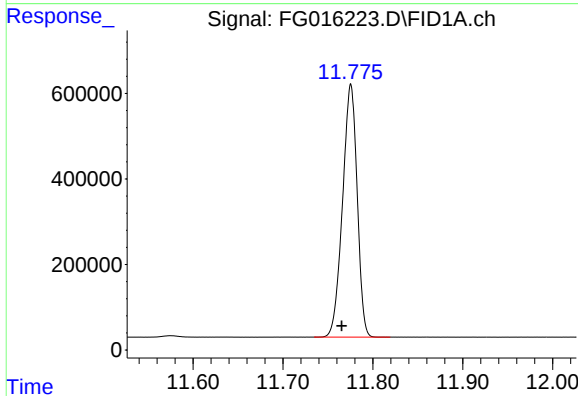
#4 N-TETRADECANE

R.T.: 8.702 min
Delta R.T.: 0.006 min
Response: 6512221
Conc: 50.46 ug/ml



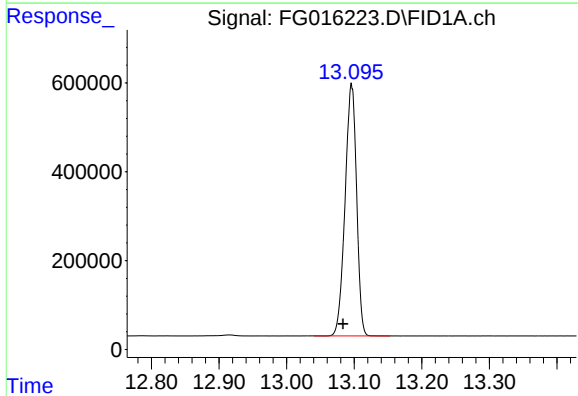
#5 N-HEXADECANE

R.T.: 10.321 min
Delta R.T.: 0.009 min
Response: 6551358
Conc: 50.19 ug/ml



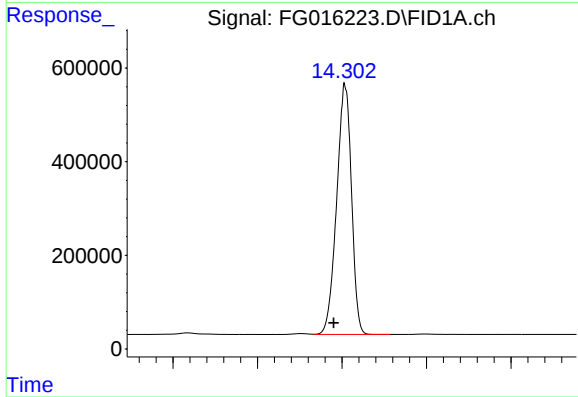
#6 N-OCTADECANE

R.T.: 11.776 min
Delta R.T.: 0.010 min
Response: 6677668
Conc: 49.86 ug/ml



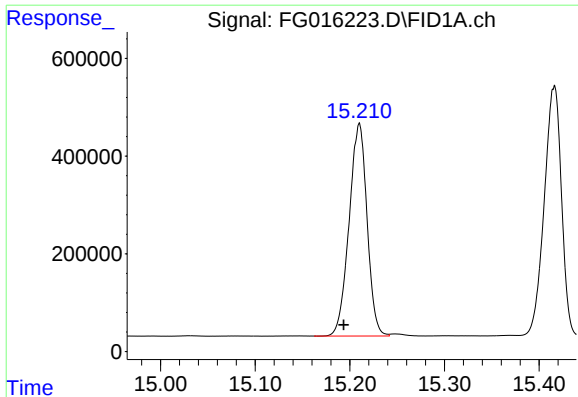
#7 N-EICOSANE

R.T.: 13.096 min
Delta R.T.: 0.013 min
Response: 6708489
Conc: 49.59 ug/ml



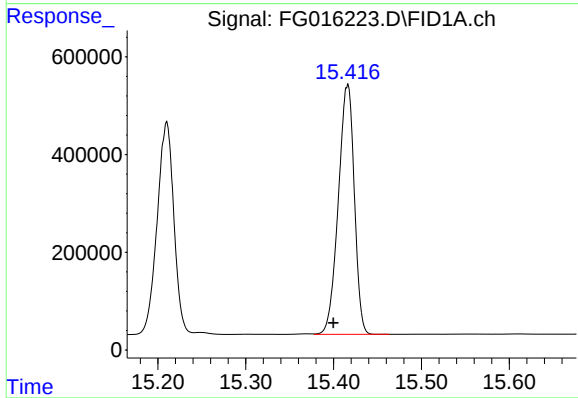
#8 N-DOCOSANE

R.T.: 14.304 min
Delta R.T.: 0.013 min
Response: 6522340
Conc: 49.47 ug/ml



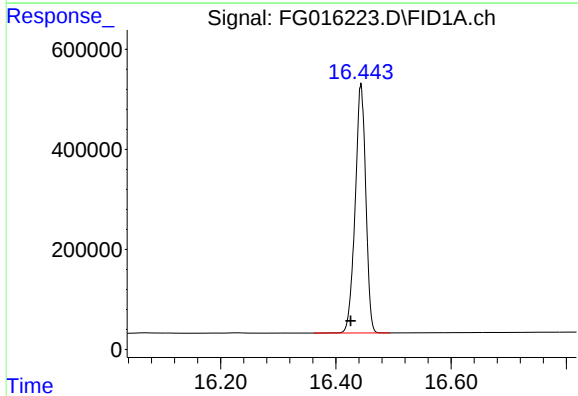
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.210 min
Delta R.T.: 0.017 min
Response: 5742967
Conc: 48.96 ug/ml



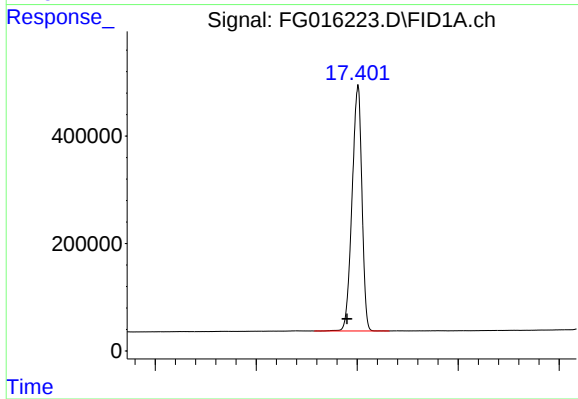
#10 N-TETRACOSANE

R.T.: 15.416 min
Delta R.T.: 0.016 min
Response: 6468206
Conc: 49.10 ug/ml



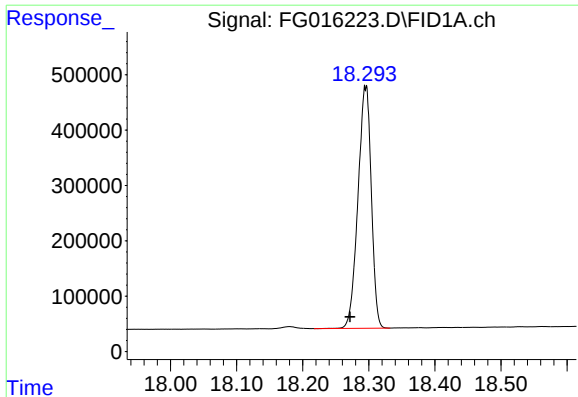
#11 N-HEXACOSANE

R.T.: 16.443 min
Delta R.T.: 0.018 min
Response: 6349627
Conc: 48.50 ug/ml



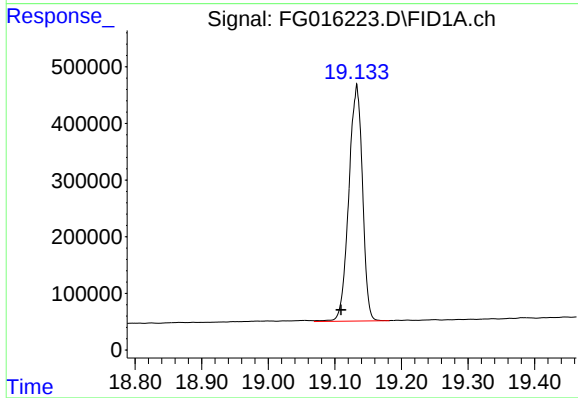
#12 N-OCTACOSANE

R.T.: 17.402 min
Delta R.T.: 0.022 min
Response: 6183453
Conc: 47.86 ug/ml



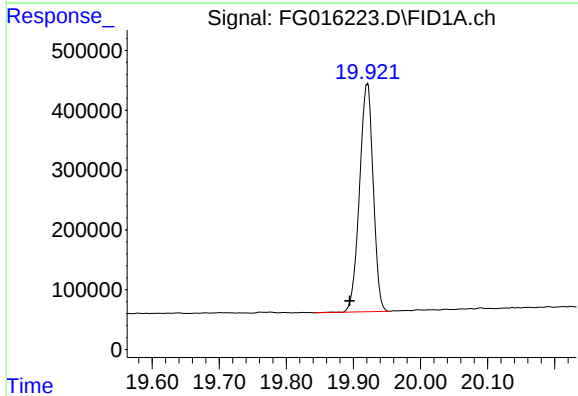
#13 N-TRIACONTANE

R.T.: 18.296 min
Delta R.T.: 0.024 min
Response: 6127490
Conc: 47.40 ug/ml



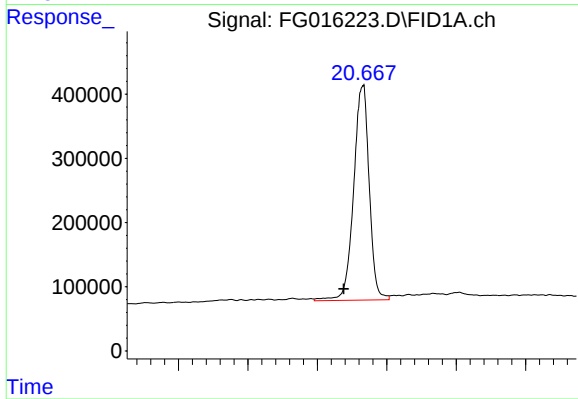
#14 N-DOTRIACONTANE

R.T.: 19.133 min
Delta R.T.: 0.024 min
Response: 5937338
Conc: 47.80 ug/ml



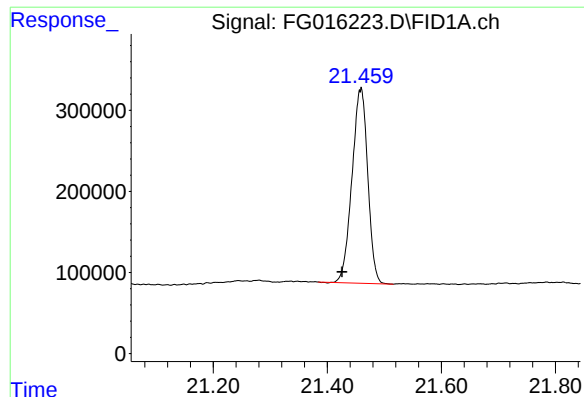
#15 N-TETRATRIACONTANE

R.T.: 19.921 min
Delta R.T.: 0.026 min
Response: 5409775
Conc: 49.21 ug/ml



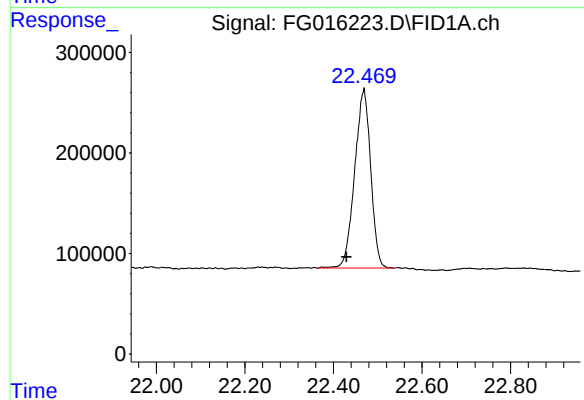
#16 N-HEXATRIACONTANE

R.T.: 20.666 min
Delta R.T.: 0.028 min
Response: 5218074
Conc: 56.57 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.459 min
Delta R.T.: 0.033 min
Response: 4603954
Conc: 58.49 ug/ml



#18 N-TETRACONTANE

R.T.: 22.469 min
Delta R.T.: 0.040 min
Response: 4455258
Conc: 63.38 ug/ml