

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070325\
 Data File : FG016218.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2025 09:08
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 04 05:28:53 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...	15.209	5803817	49.478 ug/ml
Target Compounds			
1) N-OCTANE	2.127	6216971	50.423 ug/ml
2) N-DECANE	4.677	6464832	51.528 ug/ml
3) N-DODECANE	6.860	6579712	51.564 ug/ml
4) N-TETRADECANE	8.701	6598633	51.131 ug/ml
5) N-HEXADECANE	10.321	6641992	50.888 ug/ml
6) N-OCTADECANE	11.775	6771012	50.559 ug/ml
7) N-EICOSANE	13.096	6798164	50.253 ug/ml
8) N-DOCOSANE	14.303	6592957	50.008 ug/ml
10) N-TETRACOSANE	15.416	6537898	49.631 ug/ml
11) N-HEXACOSANE	16.444	6407045	48.943 ug/ml
12) N-OCTACOSANE	17.399	6238798	48.293 ug/ml
13) N-TRIACONTANE	18.293	6166087	47.701 ug/ml
14) N-DOTRIACONTANE	19.131	6085798	48.992 ug/ml
15) N-TETRATRIACONTANE	19.919	5465868	49.719 ug/ml
16) N-HEXATRIACONTANE	20.663	5103998	55.336 ug/ml
17) N-OCTATRIACONTANE	21.457	4634193	58.871 ug/ml
18) N-TETRACONTANE	22.464	4507756	64.131 ug/ml

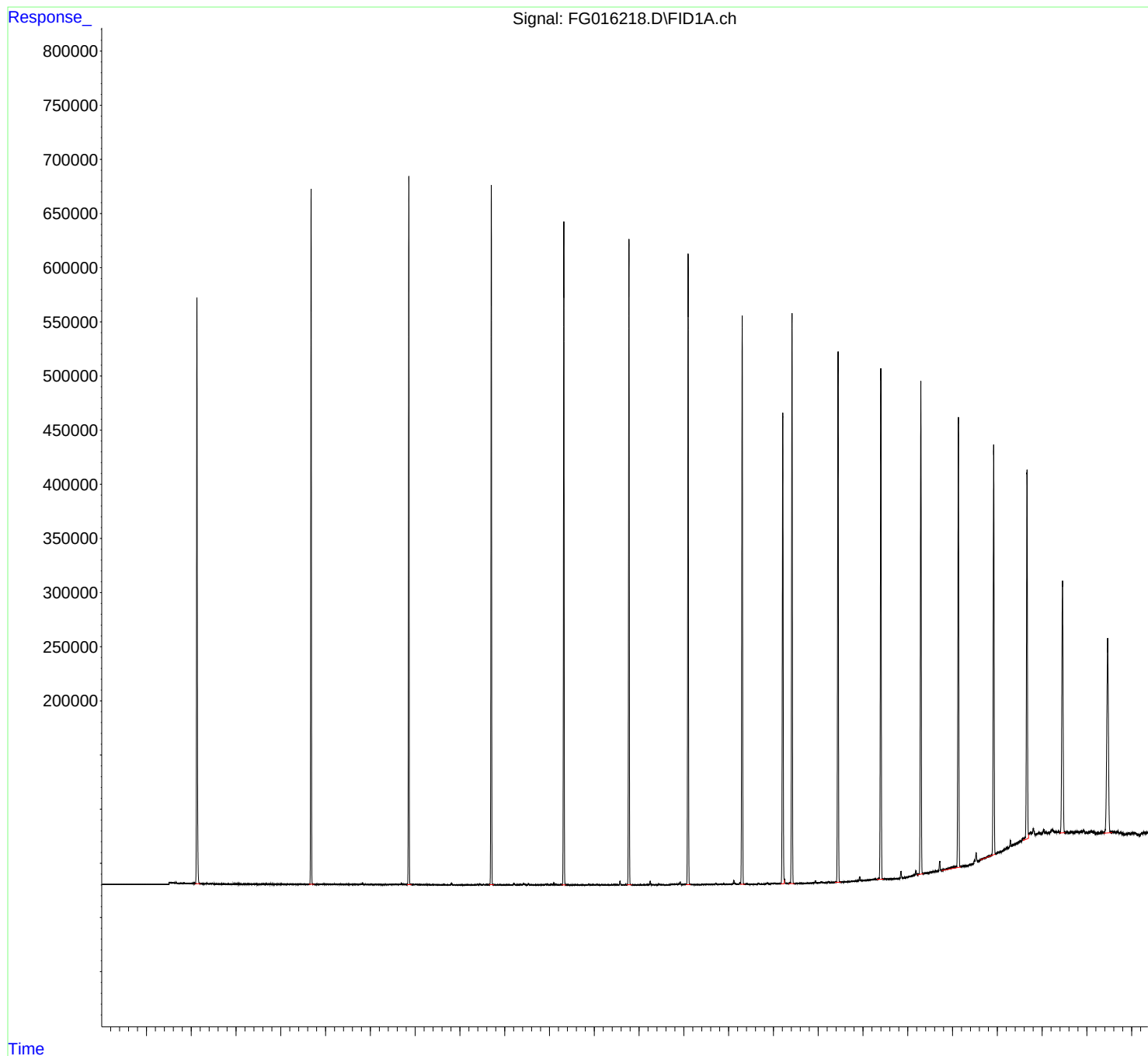
(f)=RT Delta > 1/2 Window

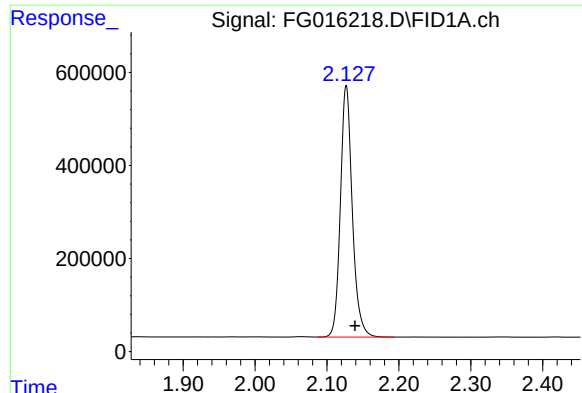
(m)=manual int.

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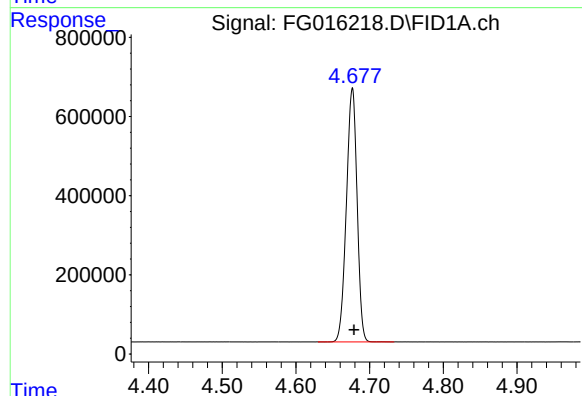
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





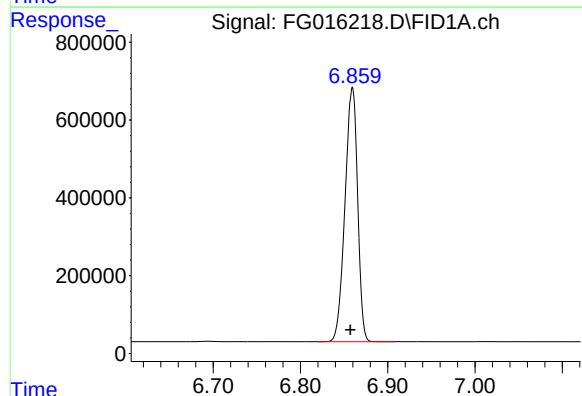
#1 N-OCTANE

R.T.: 2.127 min
Delta R.T.: -0.012 min
Response: 6216971
Conc: 50.42 ug/ml



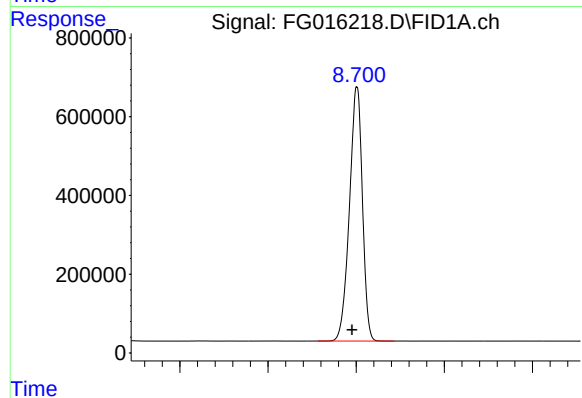
#2 N-DECANE

R.T.: 4.677 min
Delta R.T.: -0.002 min
Response: 6464832
Conc: 51.53 ug/ml



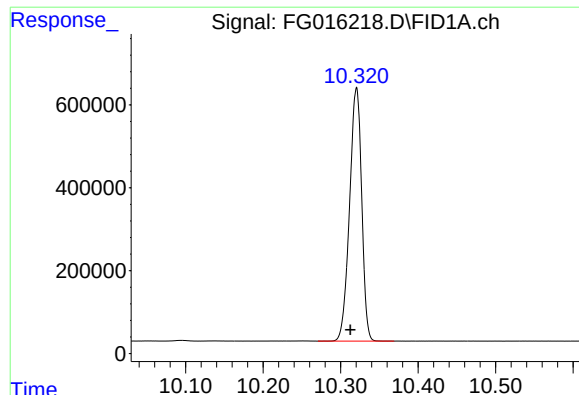
#3 N-DODECANE

R.T.: 6.860 min
Delta R.T.: 0.002 min
Response: 6579712
Conc: 51.56 ug/ml



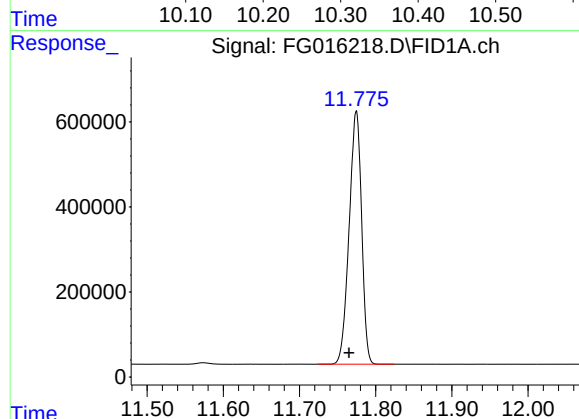
#4 N-TETRADECANE

R.T.: 8.701 min
Delta R.T.: 0.006 min
Response: 6598633
Conc: 51.13 ug/ml



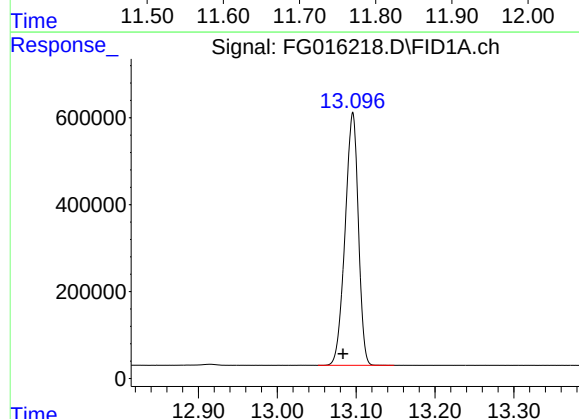
#5 N-HEXADECANE

R.T.: 10.321 min
Delta R.T.: 0.008 min
Response: 6641992
Conc: 50.89 ug/ml



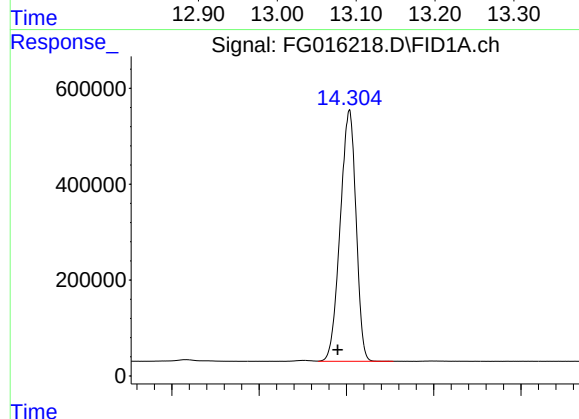
#6 N-OCTADECANE

R.T.: 11.775 min
Delta R.T.: 0.009 min
Response: 6771012
Conc: 50.56 ug/ml



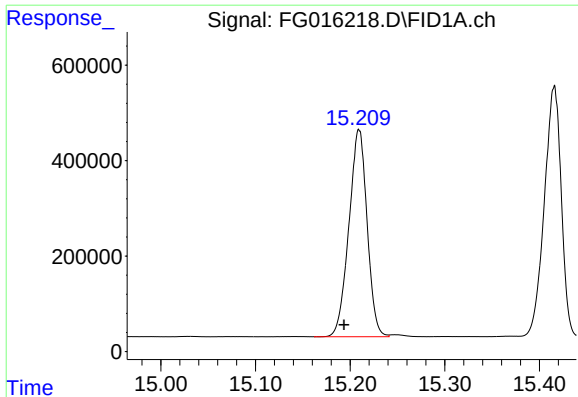
#7 N-EICOSANE

R.T.: 13.096 min
Delta R.T.: 0.012 min
Response: 6798164
Conc: 50.25 ug/ml



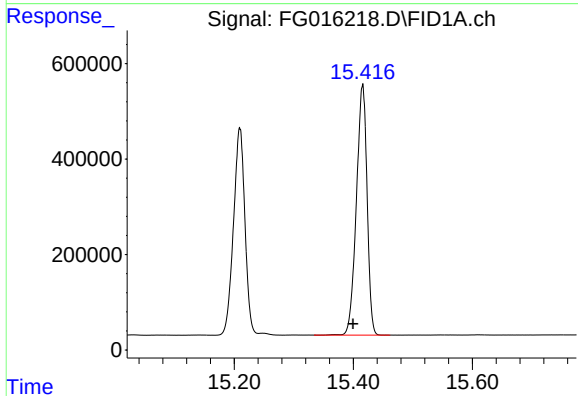
#8 N-DOCOSANE

R.T.: 14.303 min
Delta R.T.: 0.013 min
Response: 6592957
Conc: 50.01 ug/ml



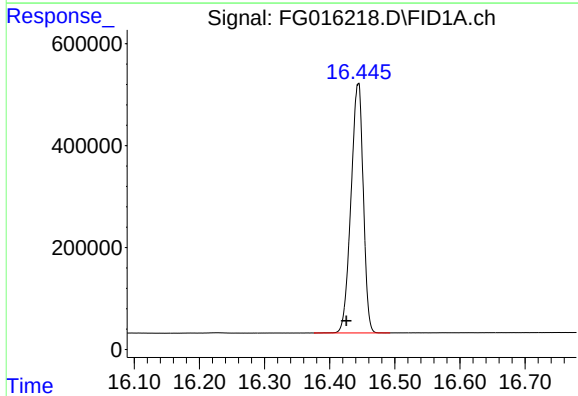
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.209 min
Delta R.T.: 0.016 min
Response: 5803817
Conc: 49.48 ug/ml



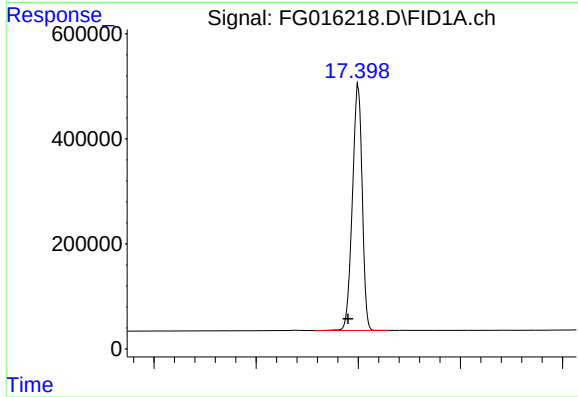
#10 N-TETRACOSANE

R.T.: 15.416 min
Delta R.T.: 0.016 min
Response: 6537898
Conc: 49.63 ug/ml



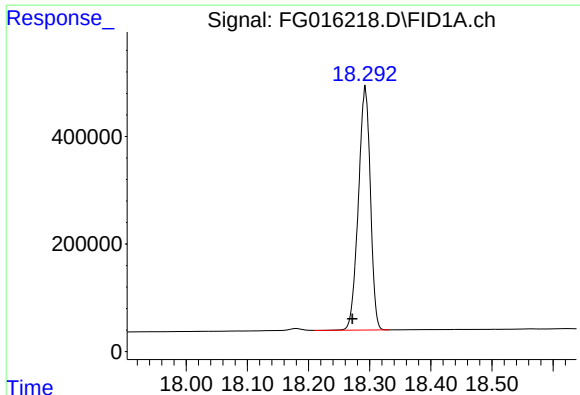
#11 N-HEXACOSANE

R.T.: 16.444 min
Delta R.T.: 0.018 min
Response: 6407045
Conc: 48.94 ug/ml



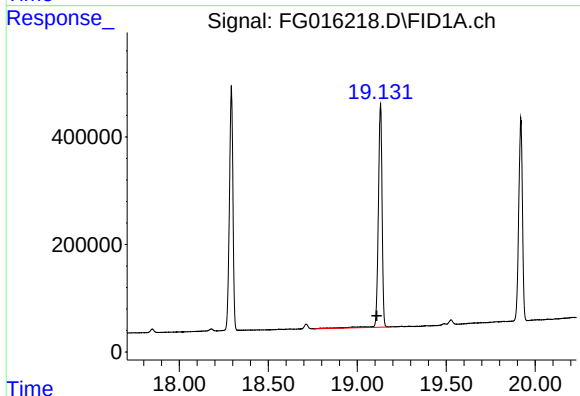
#12 N-OCTACOSANE

R.T.: 17.399 min
Delta R.T.: 0.019 min
Response: 6238798
Conc: 48.29 ug/ml



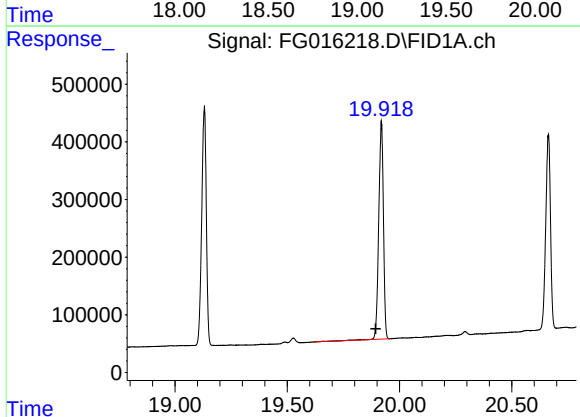
#13 N-TRIACONTANE

R.T.: 18.293 min
Delta R.T.: 0.021 min
Response: 6166087
Conc: 47.70 ug/ml



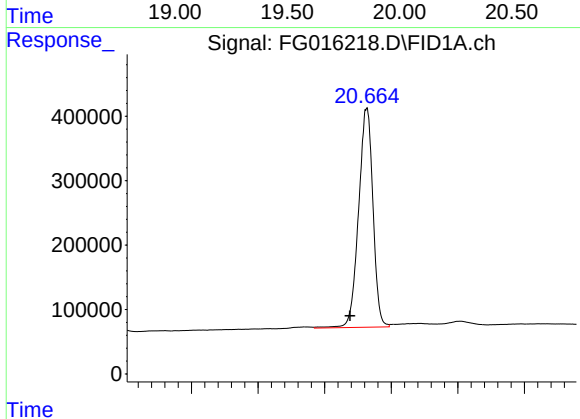
#14 N-DOTRIACONTANE

R.T.: 19.131 min
Delta R.T.: 0.022 min
Response: 6085798
Conc: 48.99 ug/ml



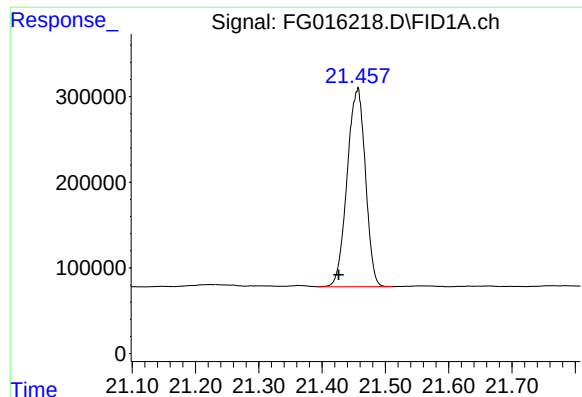
#15 N-TETRATRIACONTANE

R.T.: 19.919 min
Delta R.T.: 0.025 min
Response: 5465868
Conc: 49.72 ug/ml



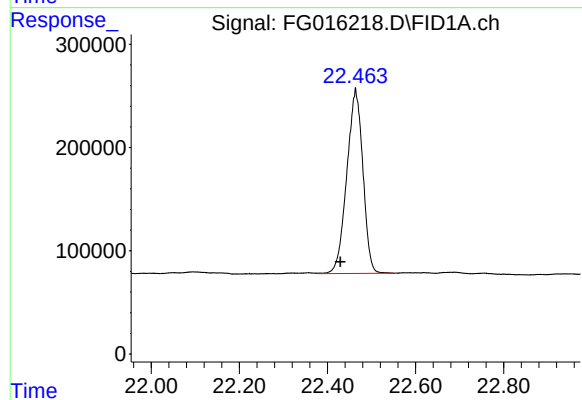
#16 N-HEXATRIACONTANE

R.T.: 20.663 min
Delta R.T.: 0.025 min
Response: 5103998
Conc: 55.34 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.457 min
Delta R.T.: 0.031 min
Response: 4634193
Conc: 58.87 ug/ml



#18 N-TETRACONTANE

R.T.: 22.464 min
Delta R.T.: 0.035 min
Response: 4507756
Conc: 64.13 ug/ml