

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012924\
 Data File : FG013396.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2024 22:09
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 30 00:59:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG010824.M
 Quant Title :
 QLast Update : Mon Jan 08 14:52:14 2024
 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...	15.073	5640706	46.133 ug/ml
Target Compounds			
1) N-OCTANE	2.059	5952409	47.050 ug/ml
2) N-DECANE	4.585	6001790	45.894 ug/ml
3) N-DODECANE	6.757	6233477	45.836 ug/ml
4) N-TETRADECANE	8.590	6115919	45.881 ug/ml
5) N-HEXADECANE	10.203	6261839	45.949 ug/ml
6) N-OCTADECANE	11.653	6488119	46.046 ug/ml
7) N-EICOSANE	12.967	6348461	46.070 ug/ml
8) N-DOCOSANE	14.170	6238363	46.012 ug/ml
10) N-TETRACOSANE	15.278	6150957	45.715 ug/ml
11) N-HEXACOSANE	16.303	5969616	45.317 ug/ml
12) N-OCTACOSANE	17.257	5792844	44.974 ug/ml
13) N-TRIACONTANE	18.147	5607153	44.387 ug/ml
14) N-DOTRIACONTANE	18.984	5228497	43.564 ug/ml
15) N-TETRATRIACONTANE	19.769	4141167	43.825 ug/ml
16) N-HEXATRIACONTANE	20.511	3091652	44.132 ug/ml
17) N-OCTATRIACONTANE	21.266	2687001	44.486 ug/ml
18) N-TETRACONTANE	22.212	2525786	46.422 ug/ml

(f)=RT Delta > 1/2 Window

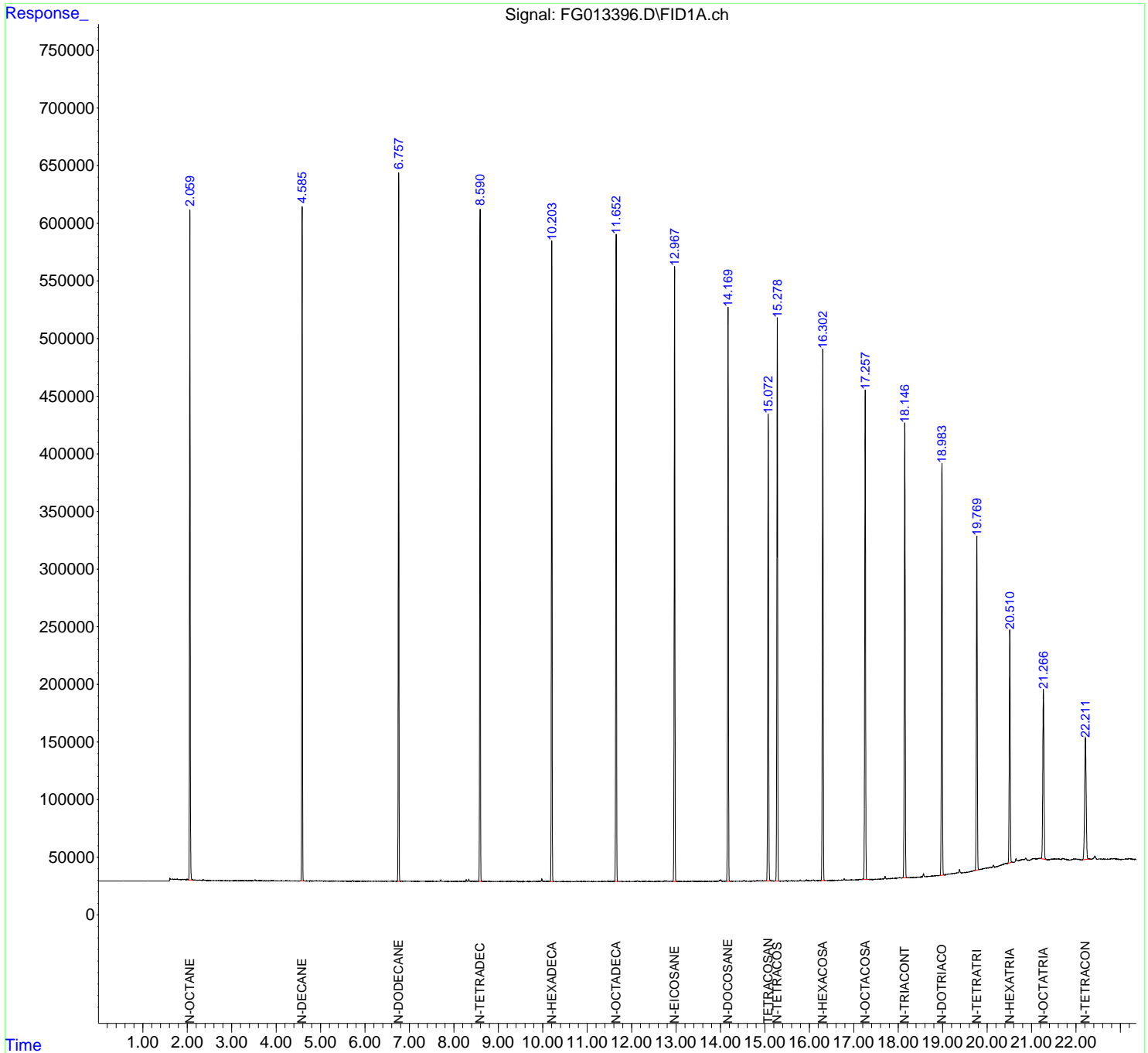
(m)=manual int.

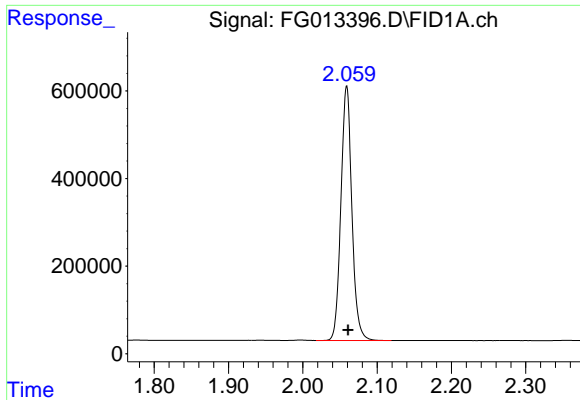
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 Signal Info : 20mx0.18mmx0.18um

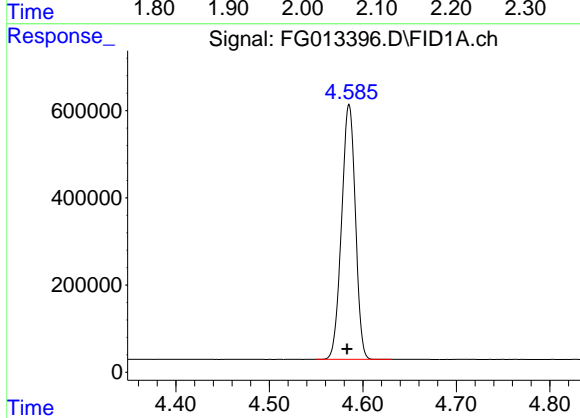




#1 N-OCTANE

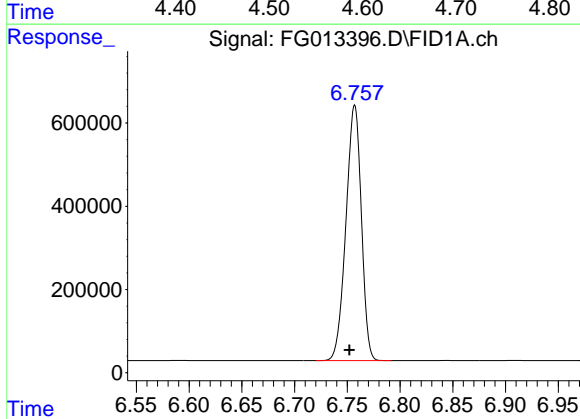
R.T.: 2.059 min
 Delta R.T.: -0.002 min
 Response: 5952409
 Conc: 47.05 ug/ml

Instrument : FID_G
 ClientSampleId :



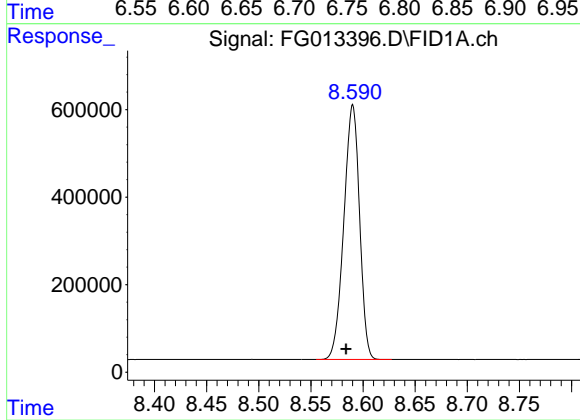
#2 N-DECANE

R.T.: 4.585 min
 Delta R.T.: 0.002 min
 Response: 6001790
 Conc: 45.89 ug/ml



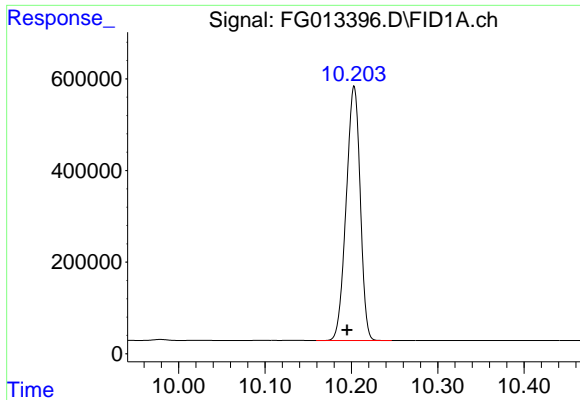
#3 N-DODECANE

R.T.: 6.757 min
 Delta R.T.: 0.005 min
 Response: 6233477
 Conc: 45.84 ug/ml



#4 N-TETRADECANE

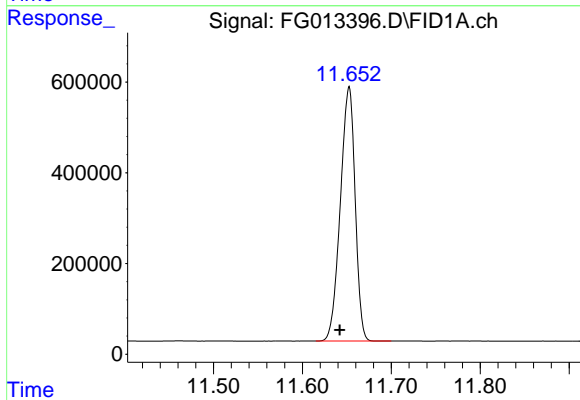
R.T.: 8.590 min
 Delta R.T.: 0.006 min
 Response: 6115919
 Conc: 45.88 ug/ml



#5 N-HEXADECANE

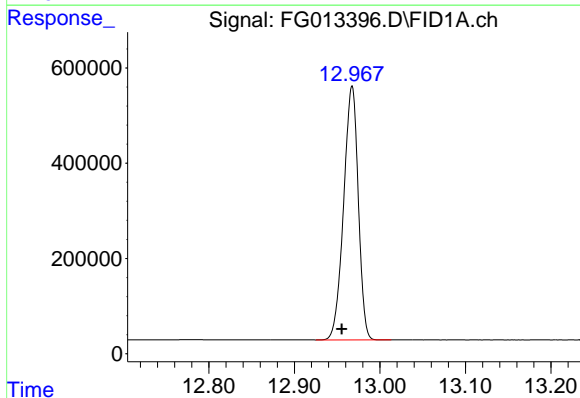
R.T.: 10.203 min
 Delta R.T.: 0.008 min
 Response: 6261839
 Conc: 45.95 ug/ml

Instrument :
 FID_G
 ClientSampleId :



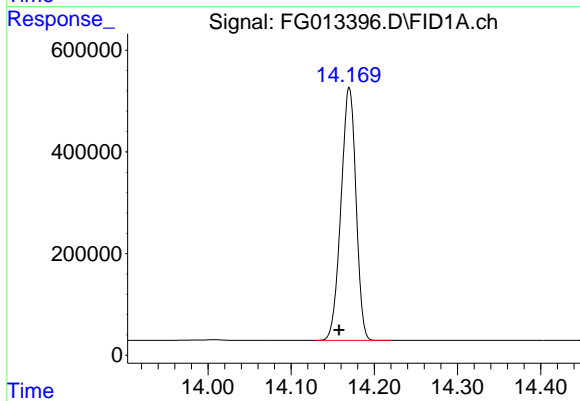
#6 N-OCTADECANE

R.T.: 11.653 min
 Delta R.T.: 0.010 min
 Response: 6488119
 Conc: 46.05 ug/ml



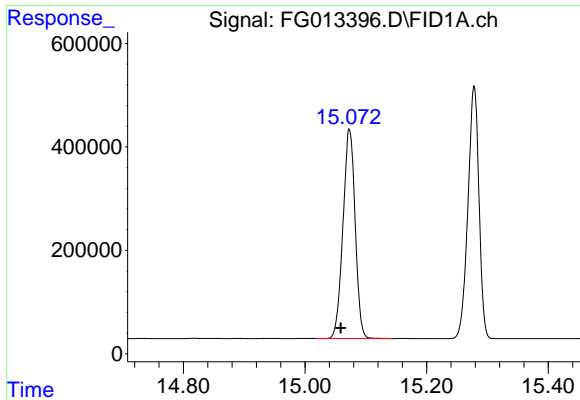
#7 N-EICOSANE

R.T.: 12.967 min
 Delta R.T.: 0.012 min
 Response: 6348461
 Conc: 46.07 ug/ml



#8 N-DOCOSANE

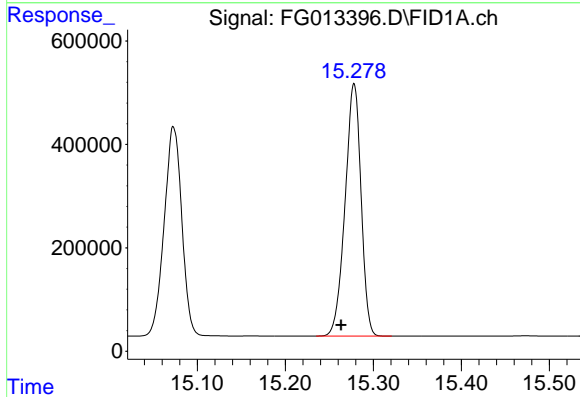
R.T.: 14.170 min
 Delta R.T.: 0.012 min
 Response: 6238363
 Conc: 46.01 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

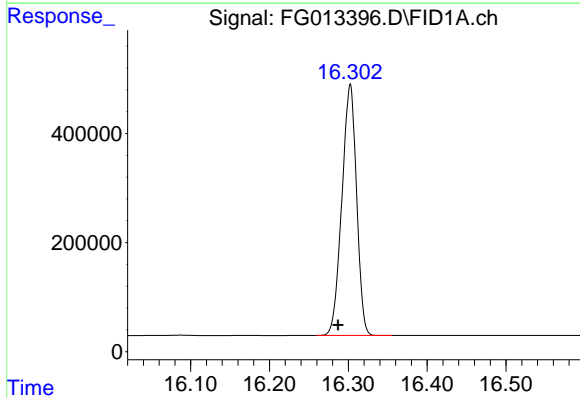
R.T.: 15.073 min
 Delta R.T.: 0.014 min
 Response: 5640706
 Conc: 46.13 ug/ml

Instrument :
 FID_G
 ClientSampleId :



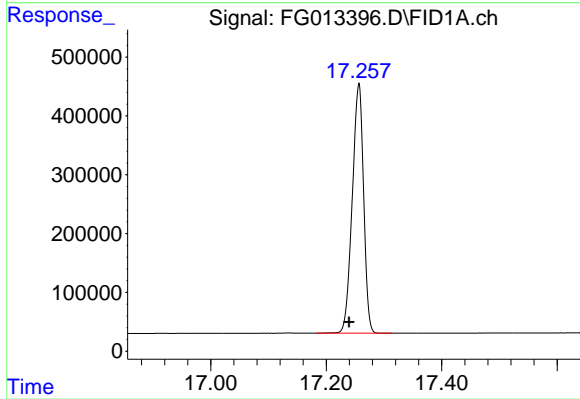
#10 N-TETRACOSANE

R.T.: 15.278 min
 Delta R.T.: 0.015 min
 Response: 6150957
 Conc: 45.71 ug/ml



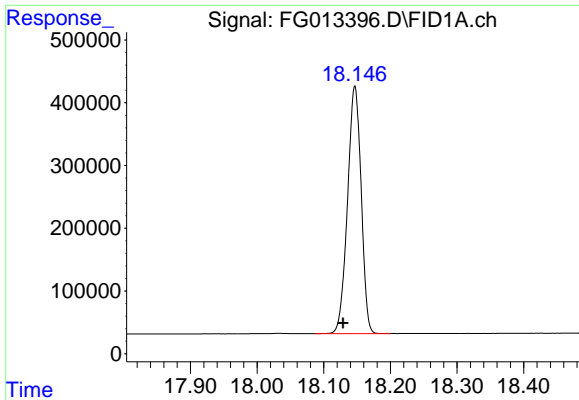
#11 N-HEXACOSANE

R.T.: 16.303 min
 Delta R.T.: 0.015 min
 Response: 5969616
 Conc: 45.32 ug/ml



#12 N-OCTACOSANE

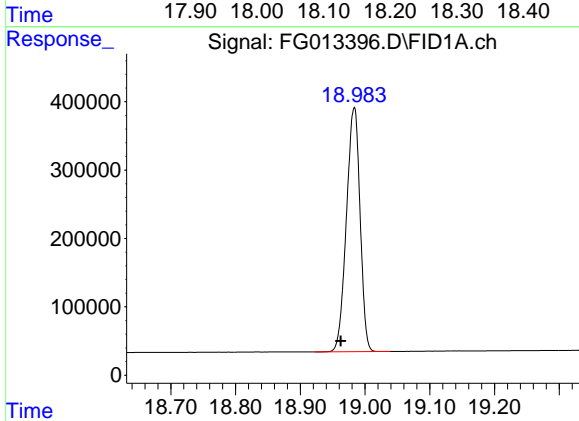
R.T.: 17.257 min
 Delta R.T.: 0.017 min
 Response: 5792844
 Conc: 44.97 ug/ml



#13 N-TRIACONTANE

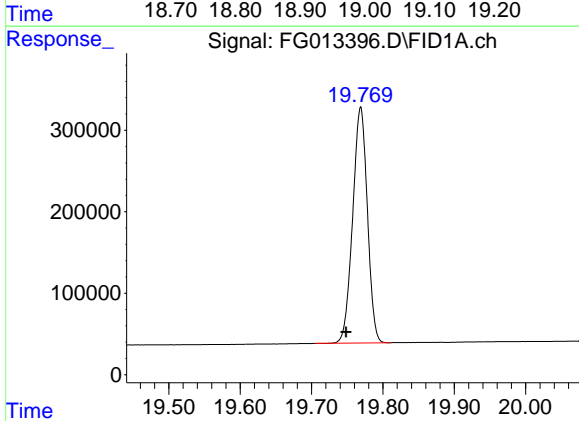
R.T.: 18.147 min
 Delta R.T.: 0.018 min
 Response: 5607153
 Conc: 44.39 ug/ml

Instrument :
 FID_G
 ClientSampleId :



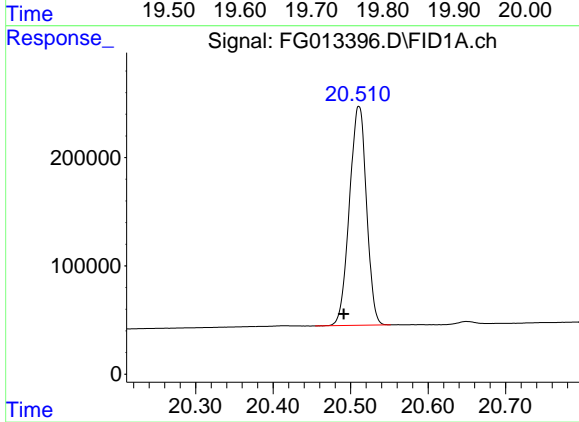
#14 N-DOTRIACONTANE

R.T.: 18.984 min
 Delta R.T.: 0.021 min
 Response: 5228497
 Conc: 43.56 ug/ml



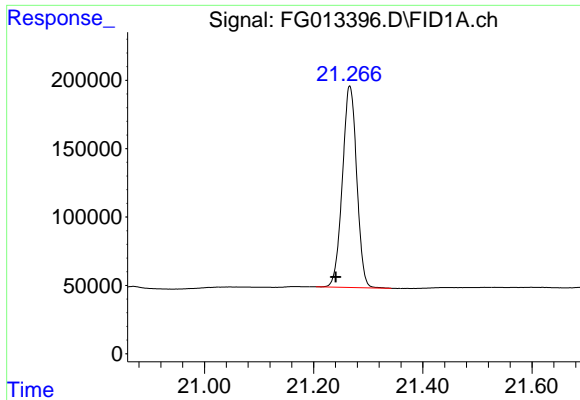
#15 N-TETRATRIACONTANE

R.T.: 19.769 min
 Delta R.T.: 0.021 min
 Response: 4141167
 Conc: 43.82 ug/ml



#16 N-HEXATRIACONTANE

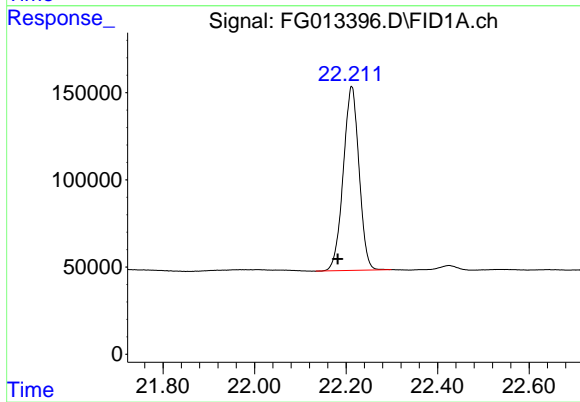
R.T.: 20.511 min
 Delta R.T.: 0.020 min
 Response: 3091652
 Conc: 44.13 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.266 min
Delta R.T.: 0.025 min
Response: 2687001
Conc: 44.49 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.212 min
Delta R.T.: 0.030 min
Response: 2525786
Conc: 46.42 ug/ml