

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082919\  
 Data File : FG005786.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Aug 2019 13:26  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Aug 29 23:16:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080819.M  
 Quant Title :  
 QLast Update : Thu Aug 08 16:03:53 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
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System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.743	6135593	48.024 ug/ml
Target Compounds			
1) N-OCTANE	2.326	5704634	40.955 ug/ml
2) N-DECANE	4.441	7550441	53.054 ug/ml
3) N-DODECANE	6.471	7831799	53.460 ug/ml
4) N-TETRADECANE	8.274	7798967	52.612 ug/ml
5) N-HEXADECANE	9.881	7804394	51.959 ug/ml
6) N-OCTADECANE	11.327	7614833	51.042 ug/ml
7) N-EICOSANE	12.640	7500287	50.006 ug/ml
8) N-DOCOSANE	13.843	7257861	49.179 ug/ml
10) N-TETRACOSANE	14.949	7074308	48.676 ug/ml
11) N-HEXACOSANE	15.972	6898688	48.064 ug/ml
12) N-OCTACOSANE	16.926	6845504	45.283 ug/ml
13) N-TRIACONTANE	17.815	6937451	45.868 ug/ml
14) N-DOTRIACONTANE	18.651	6837599	51.064 ug/ml
15) N-TETRATRIACONTANE	19.439	6677324	54.055 ug/ml
16) N-HEXATRIACONTANE	20.184	6226420	54.004 ug/ml
17) N-OCTATRIACONTANE	20.940	5762734	55.194 ug/ml
18) N-TETRACONTANE	21.885	5687344	54.688 ug/ml
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(f)=RT Delta > 1/2 Window

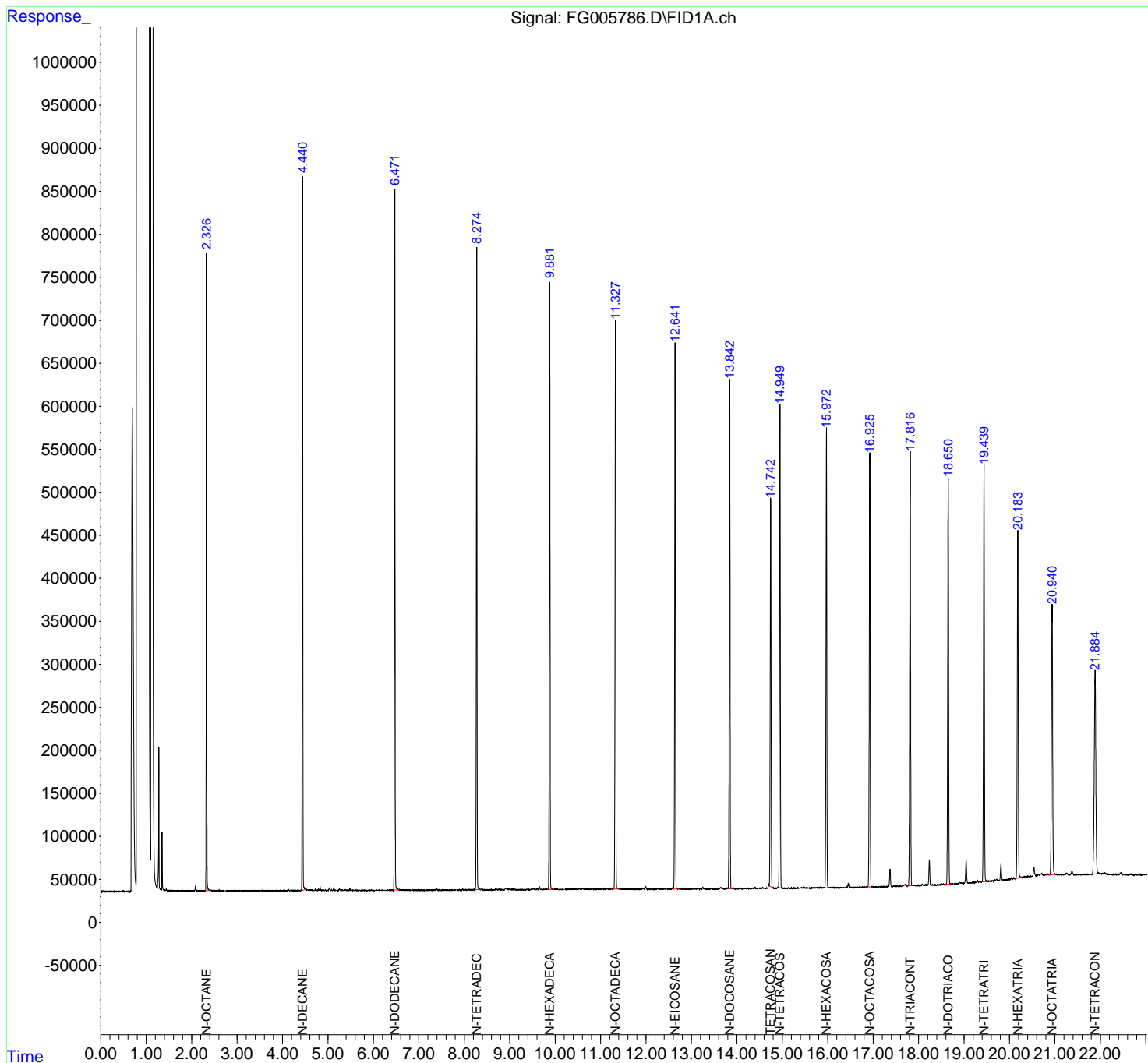
(m)=manual int.

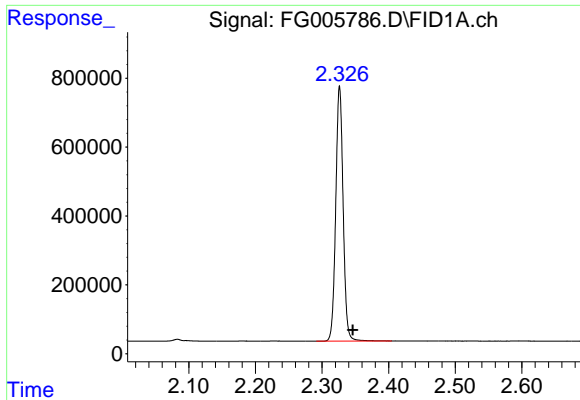
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082919\  
 Data File : FG005786.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Aug 2019 13:26  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampled :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Aug 29 23:16:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080819.M  
 Quant Title :  
 QLast Update : Thu Aug 08 16:03:53 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

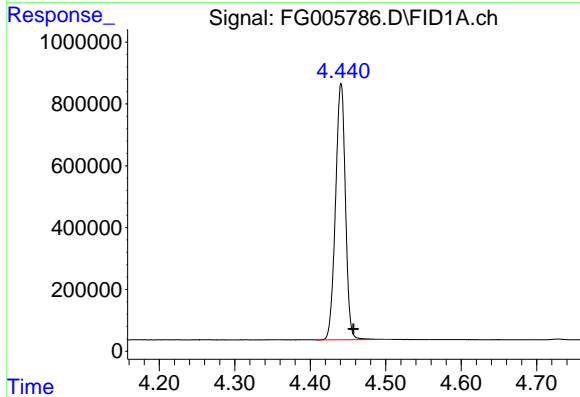
Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um



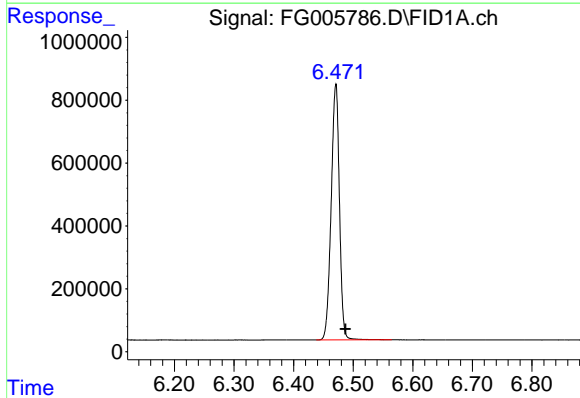


#1 N-OCTANE  
R.T.: 2.326 min  
Delta R.T.: -0.020 min  
Response: 5704634  
Conc: 40.96 ug/ml

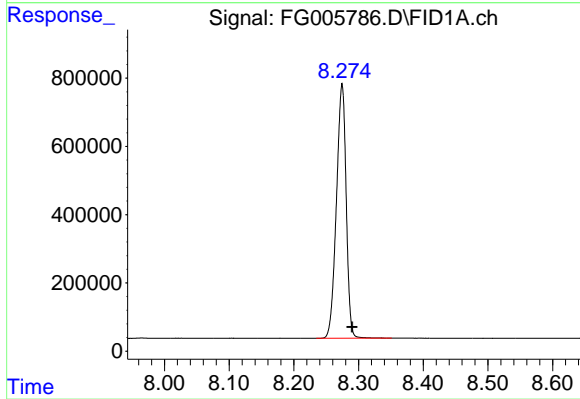
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



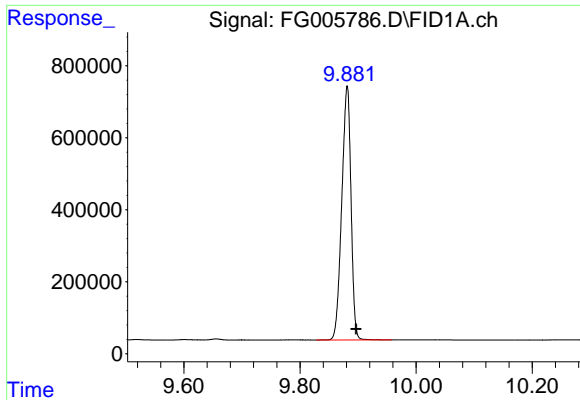
#2 N-DECANE  
R.T.: 4.441 min  
Delta R.T.: -0.017 min  
Response: 7550441  
Conc: 53.05 ug/ml



#3 N-DODECANE  
R.T.: 6.471 min  
Delta R.T.: -0.017 min  
Response: 7831799  
Conc: 53.46 ug/ml

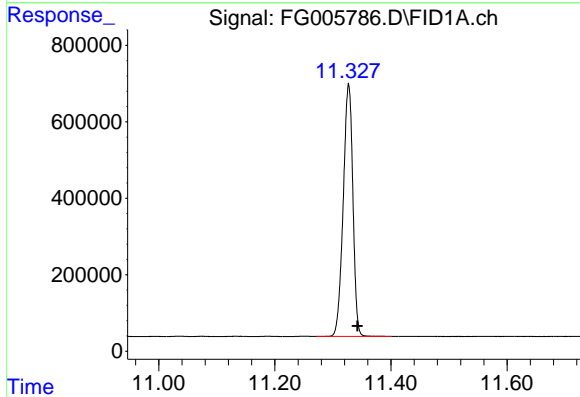


#4 N-TETRADECANE  
R.T.: 8.274 min  
Delta R.T.: -0.016 min  
Response: 7798967  
Conc: 52.61 ug/ml

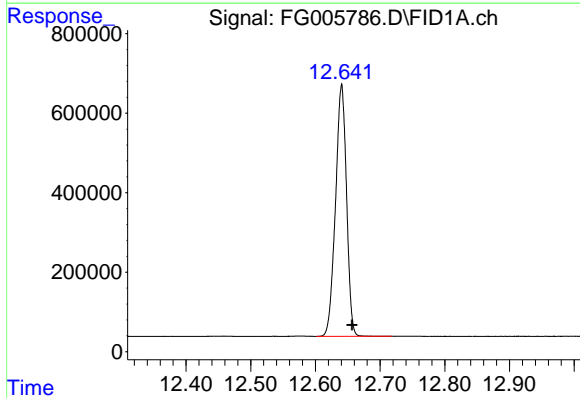


#5 N-HEXADECANE  
 R.T.: 9.881 min  
 Delta R.T.: -0.015 min  
 Response: 7804394  
 Conc: 51.96 ug/ml

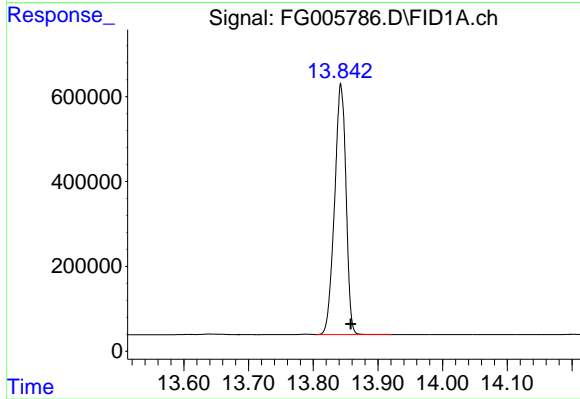
**Instrument :**  
 FID\_G  
**ClientSampleId :**  
 50 PPM TRPH STD



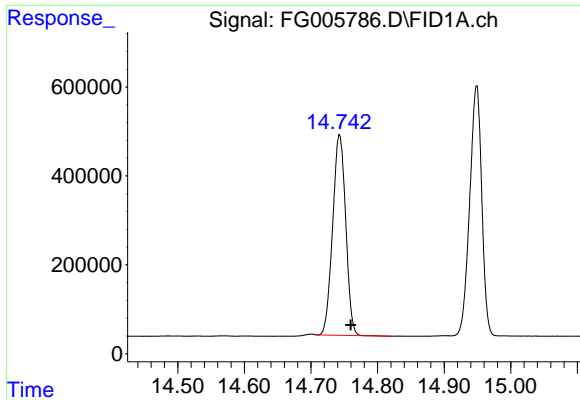
#6 N-OCTADECANE  
 R.T.: 11.327 min  
 Delta R.T.: -0.016 min  
 Response: 7614833  
 Conc: 51.04 ug/ml



#7 N-EICOSANE  
 R.T.: 12.640 min  
 Delta R.T.: -0.016 min  
 Response: 7500287  
 Conc: 50.01 ug/ml



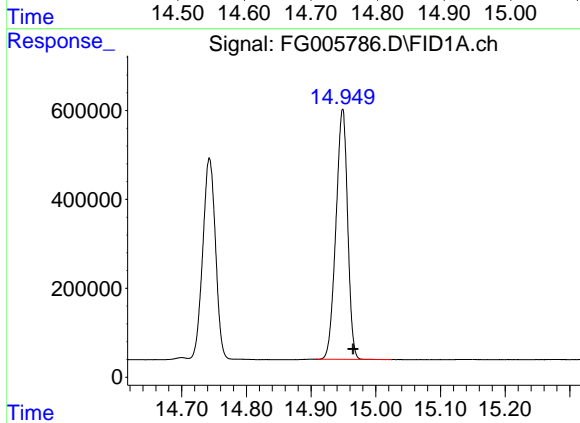
#8 N-DOCOSANE  
 R.T.: 13.843 min  
 Delta R.T.: -0.015 min  
 Response: 7257861  
 Conc: 49.18 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

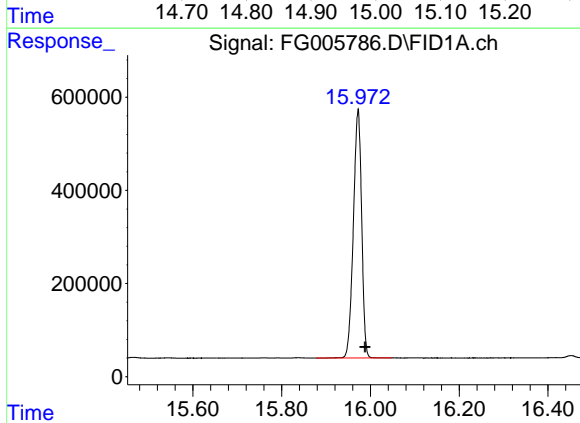
R.T.: 14.743 min  
Delta R.T.: -0.017 min  
Response: 6135593  
Conc: 48.02 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



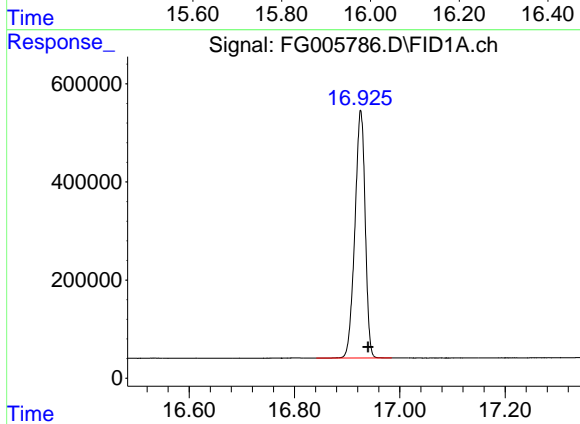
#10 N-TETRACOSANE

R.T.: 14.949 min  
Delta R.T.: -0.017 min  
Response: 7074308  
Conc: 48.68 ug/ml



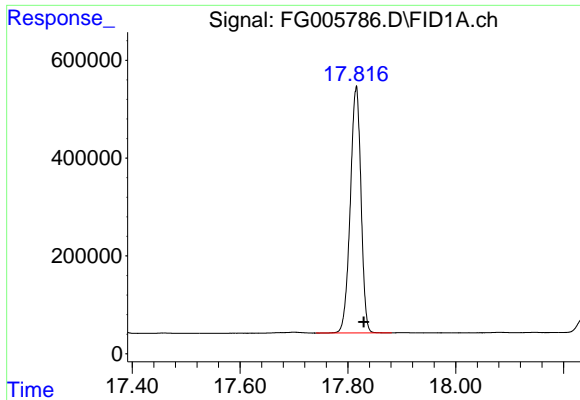
#11 N-HEXACOSANE

R.T.: 15.972 min  
Delta R.T.: -0.016 min  
Response: 6898688  
Conc: 48.06 ug/ml



#12 N-OCTACOSANE

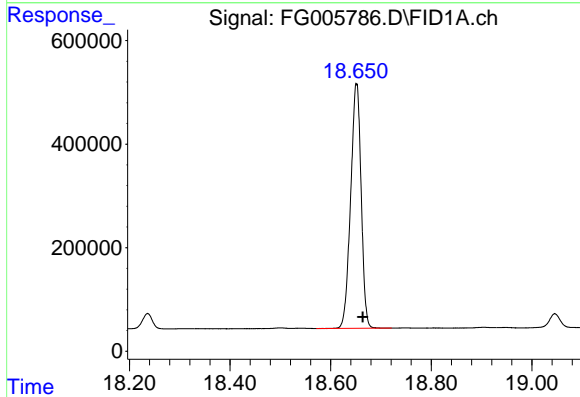
R.T.: 16.926 min  
Delta R.T.: -0.014 min  
Response: 6845504  
Conc: 45.28 ug/ml



#13 N-TRIACONTANE

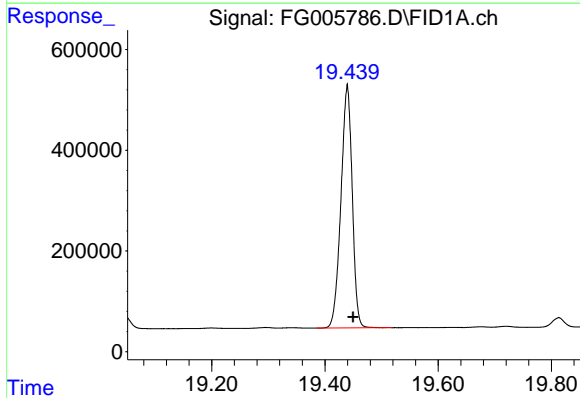
R.T.: 17.815 min  
 Delta R.T.: -0.014 min  
 Response: 6937451  
 Conc: 45.87 ug/ml

**Instrument :**  
 FID\_G  
**ClientSampleId :**  
 50 PPM TRPH STD



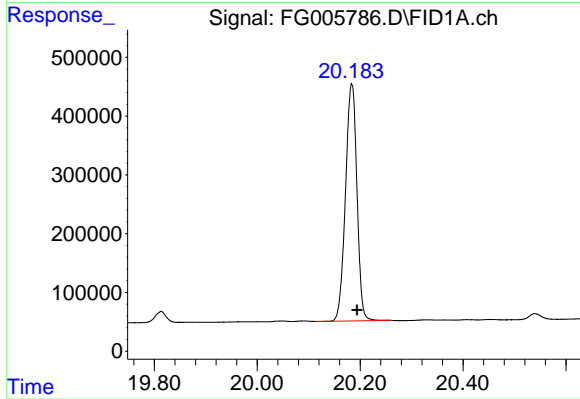
#14 N-DOTRIACONTANE

R.T.: 18.651 min  
 Delta R.T.: -0.013 min  
 Response: 6837599  
 Conc: 51.06 ug/ml



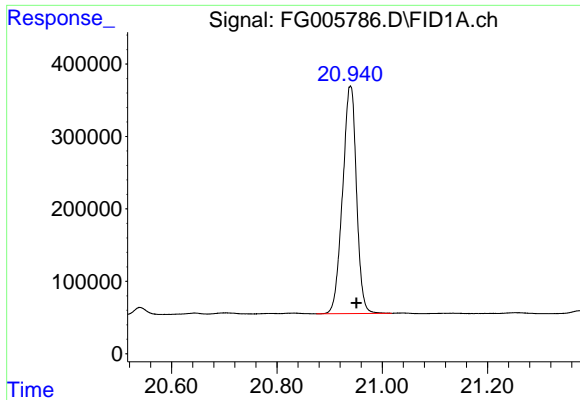
#15 N-TETRATRIACONTANE

R.T.: 19.439 min  
 Delta R.T.: -0.010 min  
 Response: 6677324  
 Conc: 54.05 ug/ml



#16 N-HEXATRIACONTANE

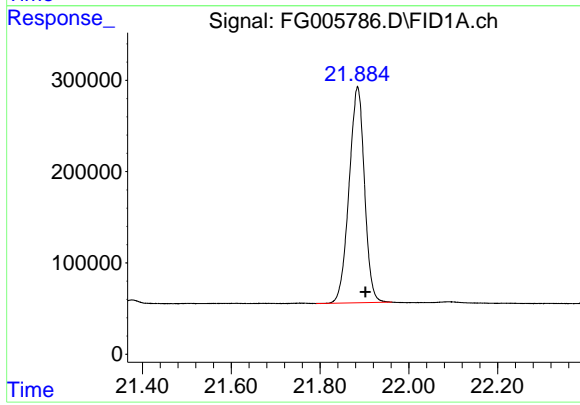
R.T.: 20.184 min  
 Delta R.T.: -0.010 min  
 Response: 6226420  
 Conc: 54.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.940 min  
Delta R.T.: -0.012 min  
Response: 5762734  
Conc: 55.19 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.885 min  
Delta R.T.: -0.017 min  
Response: 5687344  
Conc: 54.69 ug/ml