

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061125\
 Data File : FG016053.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 16:41
 Operator : YP\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: Jun 12 02:15:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.971	5795286	47.285 ug/ml
Target Compounds			
1) N-OCTANE	1.945	6021627	51.212 ug/ml
2) N-DECANE	4.472	6333041	53.899 ug/ml
3) N-DODECANE	6.655	6572724	54.153 ug/ml
4) N-TETRADECANE	8.492	6730661	52.711 ug/ml
5) N-HEXADECANE	10.105	6807827	51.099 ug/ml
6) N-OCTADECANE	11.553	6934539	50.248 ug/ml
7) N-EICOSANE	12.867	6949446	49.191 ug/ml
8) N-DOCOSANE	14.069	6667229	48.536 ug/ml
10) N-TETRACOSANE	15.176	6559720	47.717 ug/ml
11) N-HEXACOSANE	16.199	6421855	47.265 ug/ml
12) N-OCTACOSANE	17.151	6310989	46.809 ug/ml
13) N-TRIACONTANE	18.041	6381930	46.772 ug/ml
14) N-DOTRIACONTANE	18.874	6175509	46.108 ug/ml
15) N-TETRATRIACONTANE	19.659	5569053	45.924 ug/ml
16) N-HEXATRIACONTANE	20.401	4741809	44.405 ug/ml
17) N-OCTATRIACONTANE	21.134	4202497	43.791 ug/ml
18) N-TETRACONTANE	22.040	3901774	44.363 ug/ml

(f)=RT Delta > 1/2 Window

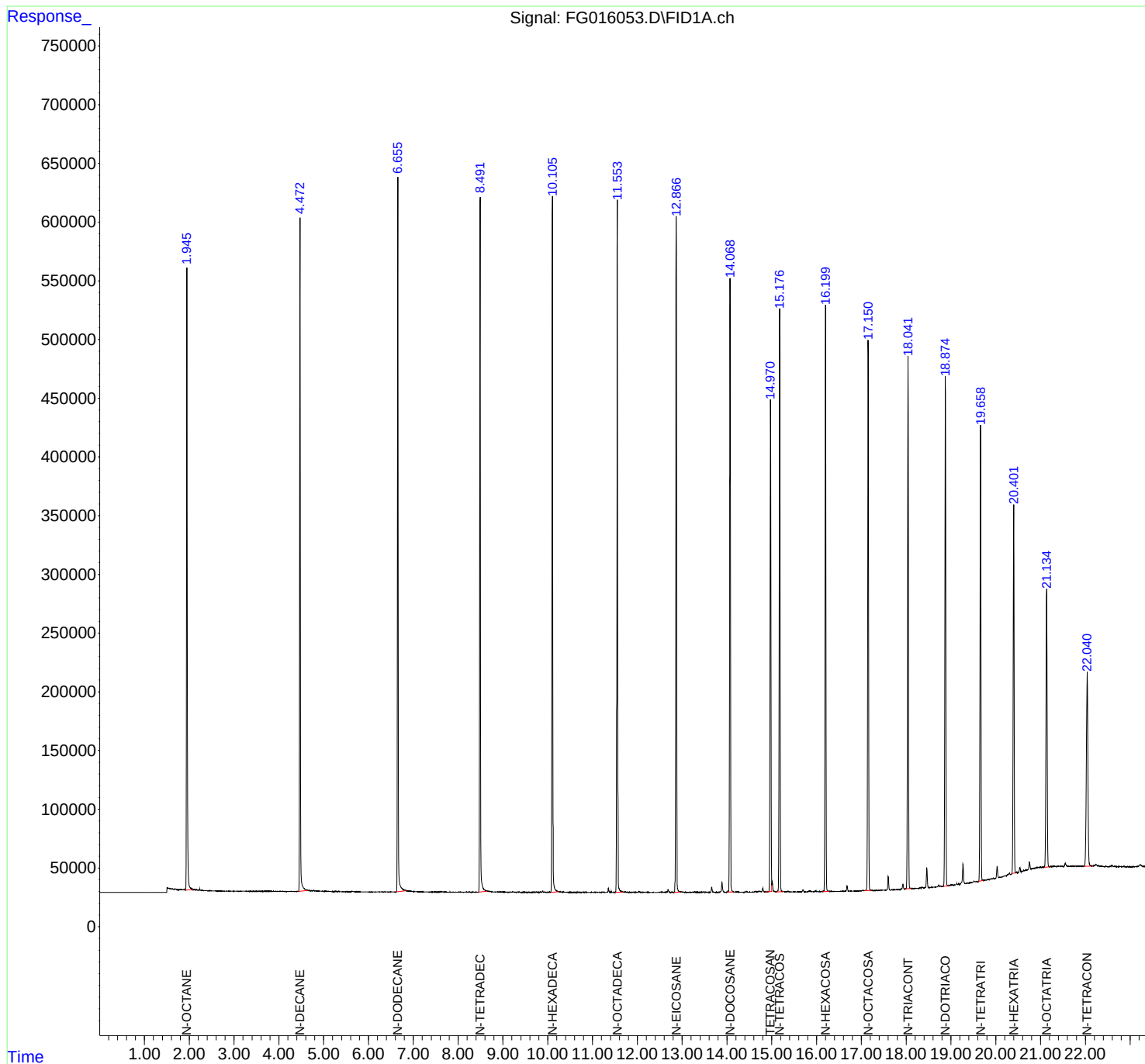
(m)=manual int.

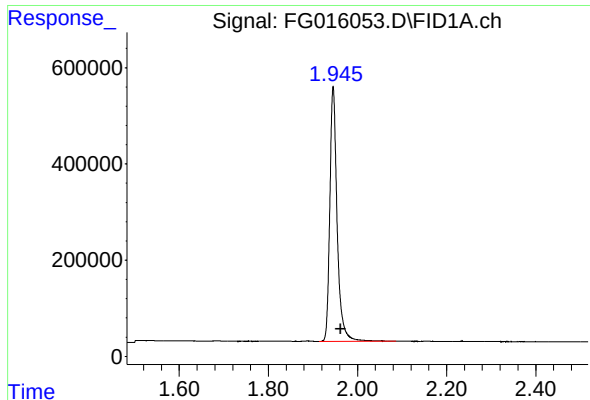
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

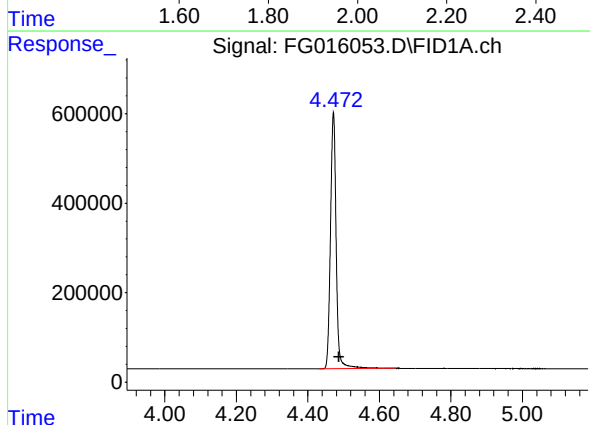




#1 N-OCTANE

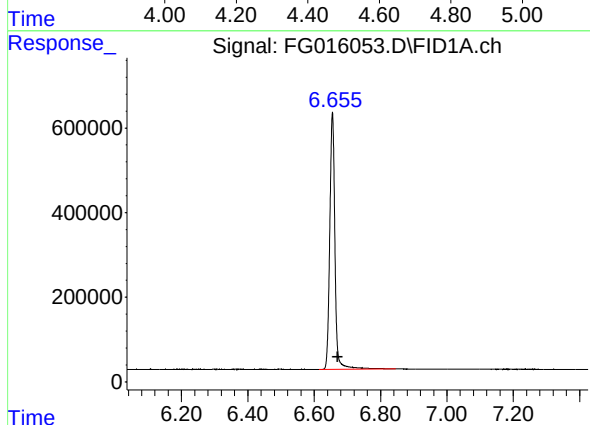
R.T.: 1.945 min
Delta R.T.: -0.017 min
Response: 6021627
Conc: 51.21 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



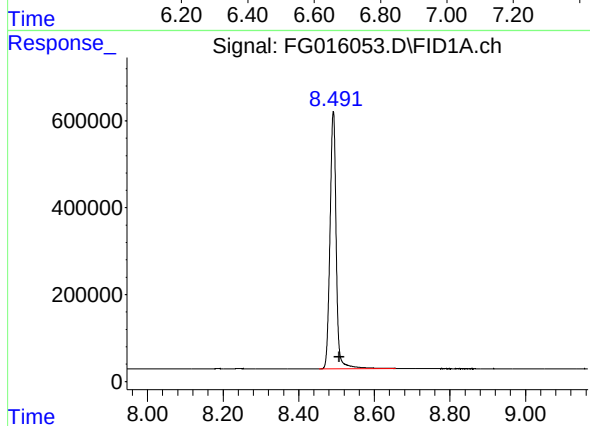
#2 N-DECANE

R.T.: 4.472 min
Delta R.T.: -0.016 min
Response: 6333041
Conc: 53.90 ug/ml



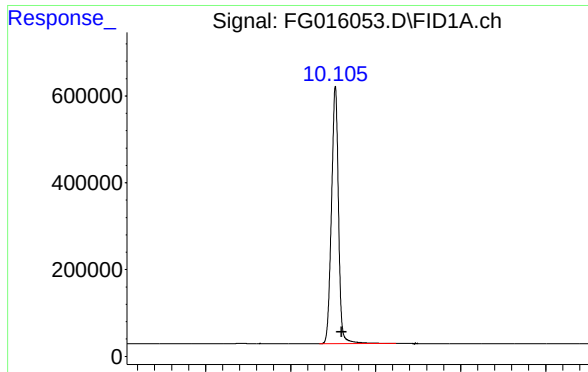
#3 N-DODECANE

R.T.: 6.655 min
Delta R.T.: -0.015 min
Response: 6572724
Conc: 54.15 ug/ml



#4 N-TETRADECANE

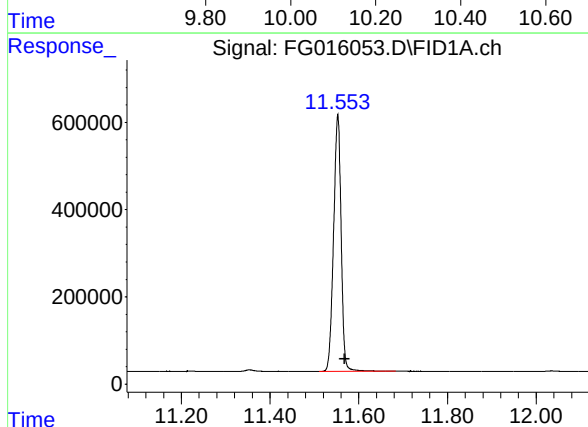
R.T.: 8.492 min
Delta R.T.: -0.015 min
Response: 6730661
Conc: 52.71 ug/ml



#5 N-HEXADECANE

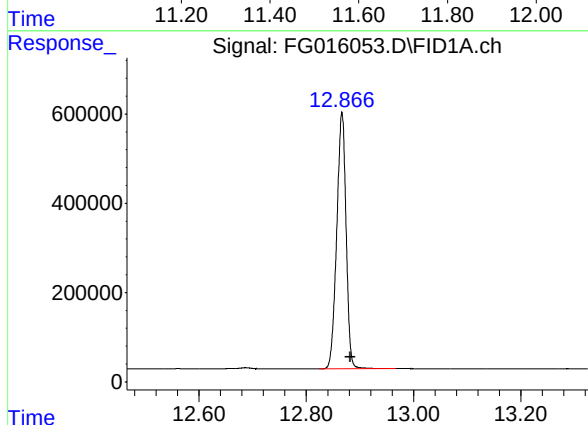
R.T.: 10.105 min
Delta R.T.: -0.015 min
Response: 6807827
Conc: 51.10 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



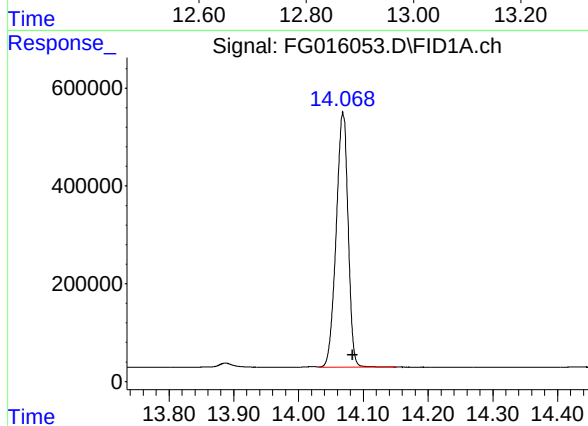
#6 N-OCTADECANE

R.T.: 11.553 min
Delta R.T.: -0.016 min
Response: 6934539
Conc: 50.25 ug/ml



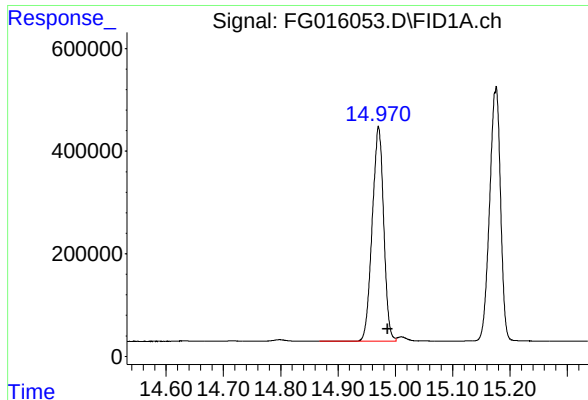
#7 N-EICOSANE

R.T.: 12.867 min
Delta R.T.: -0.016 min
Response: 6949446
Conc: 49.19 ug/ml



#8 N-DOCOSANE

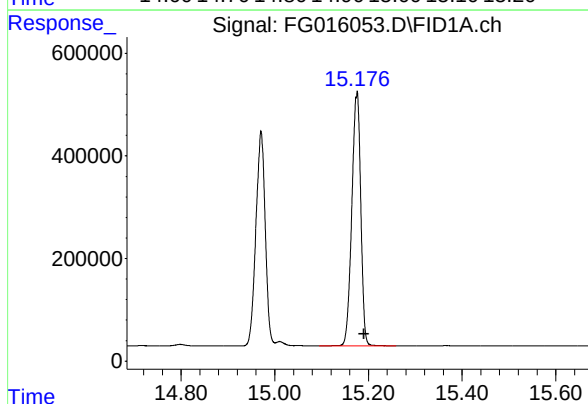
R.T.: 14.069 min
Delta R.T.: -0.015 min
Response: 6667229
Conc: 48.54 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

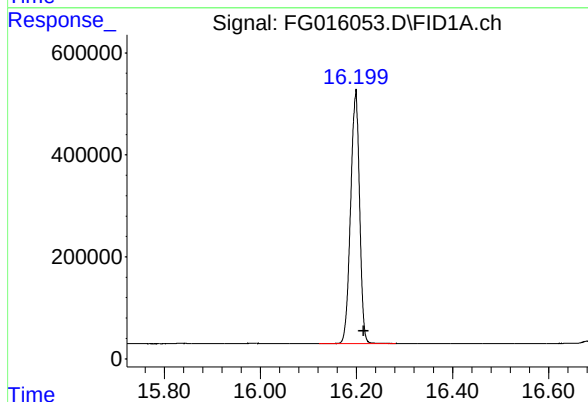
R.T.: 14.971 min
Delta R.T.: -0.015 min
Response: 5795286
Conc: 47.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



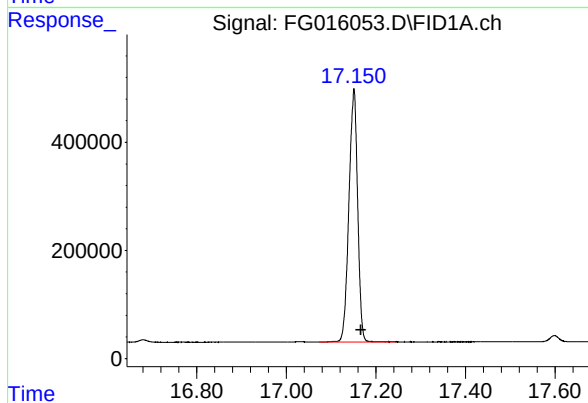
#10 N-TETRACOSANE

R.T.: 15.176 min
Delta R.T.: -0.015 min
Response: 6559720
Conc: 47.72 ug/ml



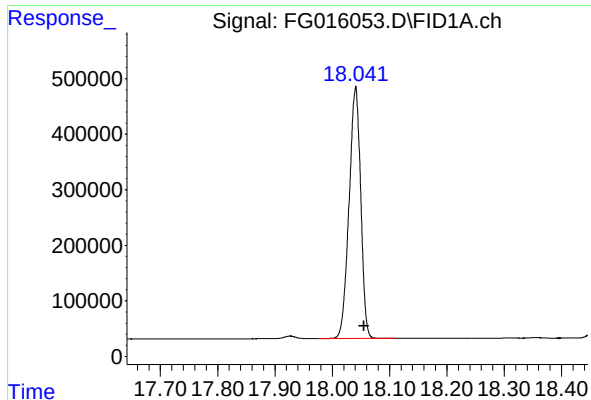
#11 N-HEXACOSANE

R.T.: 16.199 min
Delta R.T.: -0.016 min
Response: 6421855
Conc: 47.27 ug/ml



#12 N-OCTACOSANE

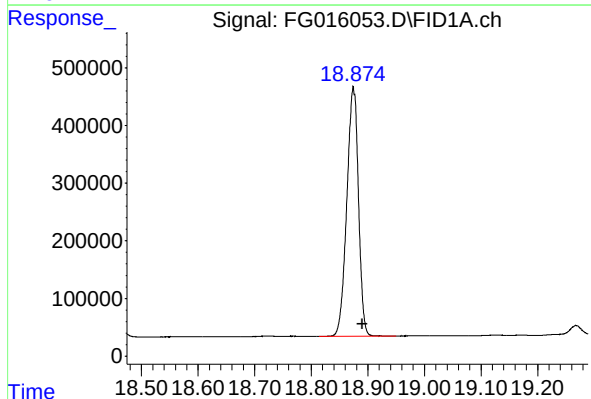
R.T.: 17.151 min
Delta R.T.: -0.015 min
Response: 6310989
Conc: 46.81 ug/ml



#13 N-TRIACONTANE

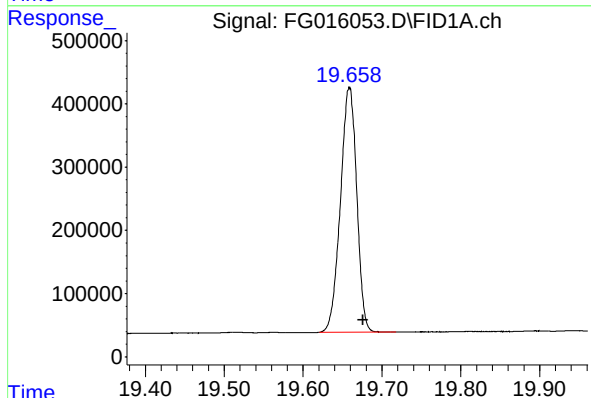
R.T.: 18.041 min
Delta R.T.: -0.015 min
Response: 6381930
Conc: 46.77 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



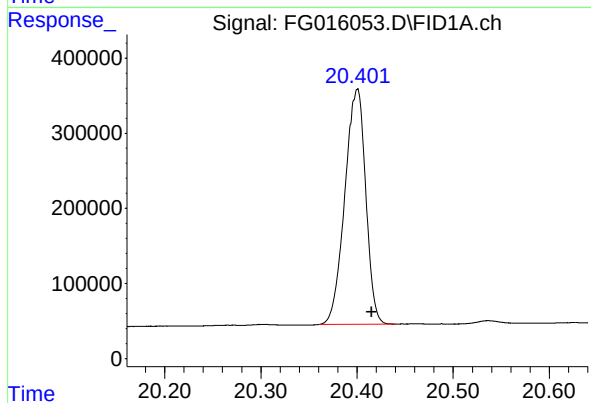
#14 N-DOTRIACONTANE

R.T.: 18.874 min
Delta R.T.: -0.016 min
Response: 6175509
Conc: 46.11 ug/ml



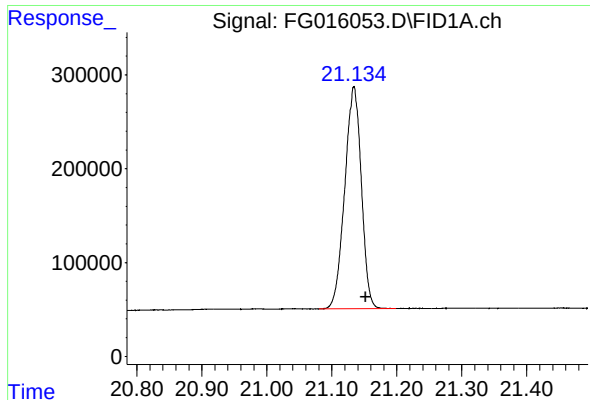
#15 N-TETRATRIACONTANE

R.T.: 19.659 min
Delta R.T.: -0.017 min
Response: 5569053
Conc: 45.92 ug/ml



#16 N-HEXATRIACONTANE

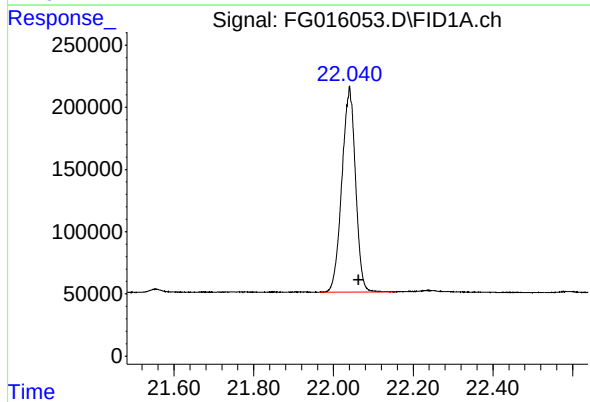
R.T.: 20.401 min
Delta R.T.: -0.014 min
Response: 4741809
Conc: 44.40 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.134 min
Delta R.T.: -0.018 min
Response: 4202497
Conc: 43.79 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.040 min
Delta R.T.: -0.023 min
Response: 3901774
Conc: 44.36 ug/ml