

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082523\
 Data File : FG012769.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2023 08:58
 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: Aug 25 21:33:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 2023
 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...	15.084	5048360	45.129 ug/ml
Target Compounds			
1) N-OCTANE	2.078	6253974	50.796 ug/ml
2) N-DECANE	4.599	6381173	50.231 ug/ml
3) N-DODECANE	6.773	6375633	49.637 ug/ml
4) N-TETRADECANE	8.606	6293408	48.854 ug/ml
5) N-HEXADECANE	10.219	6234428	48.057 ug/ml
6) N-OCTADECANE	11.666	6199442	47.267 ug/ml
7) N-EICOSANE	12.980	6002107	46.666 ug/ml
8) N-DOCOSANE	14.182	5788333	45.767 ug/ml
10) N-TETRACOSANE	15.288	5684781	44.951 ug/ml
11) N-HEXACOSANE	16.311	5528624	44.167 ug/ml
12) N-OCTACOSANE	17.264	5374857	43.733 ug/ml
13) N-TRIACONTANE	18.152	5120473	43.236 ug/ml
14) N-DOTRIACONTANE	18.985	4619844	41.137 ug/ml
15) N-TETRATRIACONTANE	19.768	4008006	42.313 ug/ml
16) N-HEXATRIACONTANE	20.508	3414060	42.071 ug/ml
17) N-OCTATRIACONTANE	21.266	3074543	42.575 ug/ml
18) N-TETRACONTANE	22.214	3050901	43.786 ug/ml

(f)=RT Delta > 1/2 Window

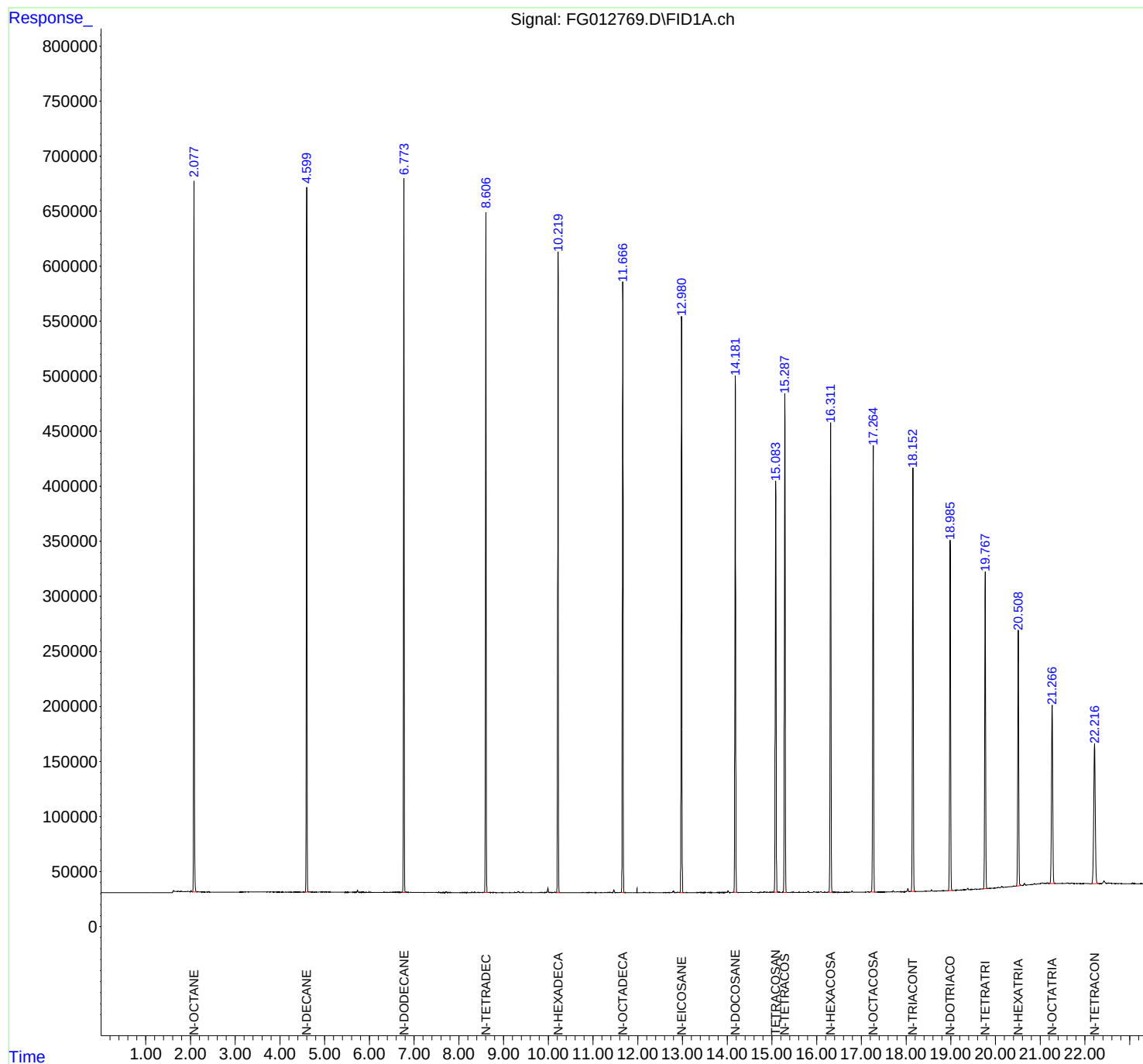
(m)=manual int.

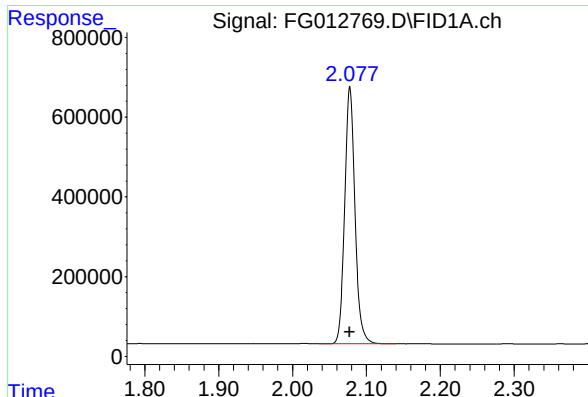
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

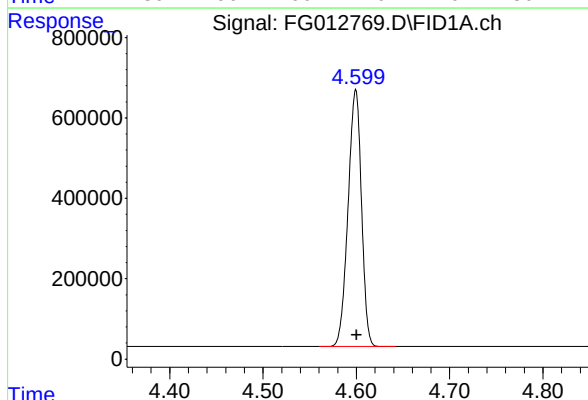




#1 N-OCTANE

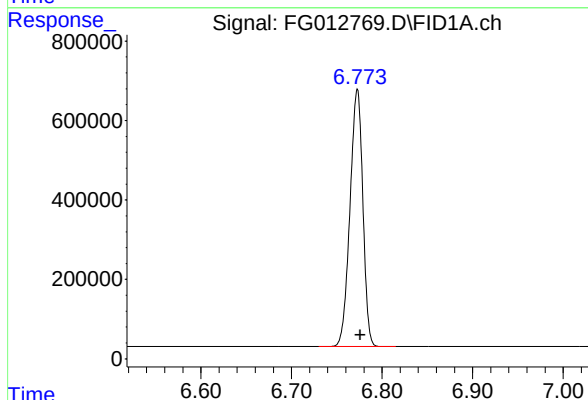
R.T.: 2.078 min
Delta R.T.: 0.000 min
Response: 6253974
Conc: 50.80 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



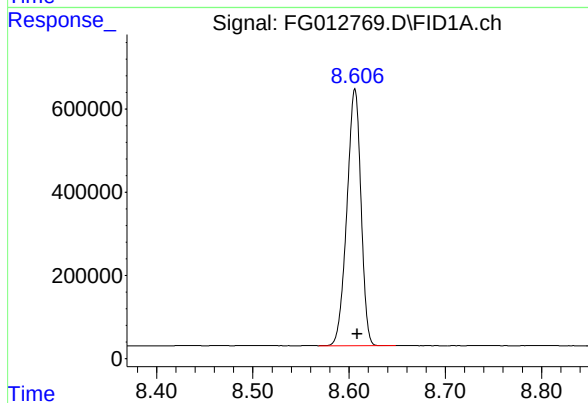
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 6381173
Conc: 50.23 ug/ml



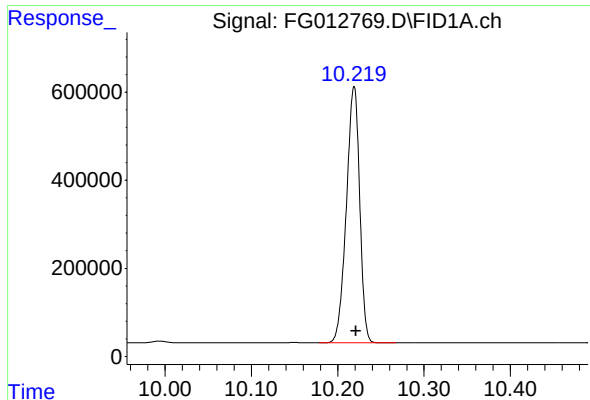
#3 N-DODECANE

R.T.: 6.773 min
Delta R.T.: -0.003 min
Response: 6375633
Conc: 49.64 ug/ml



#4 N-TETRADECANE

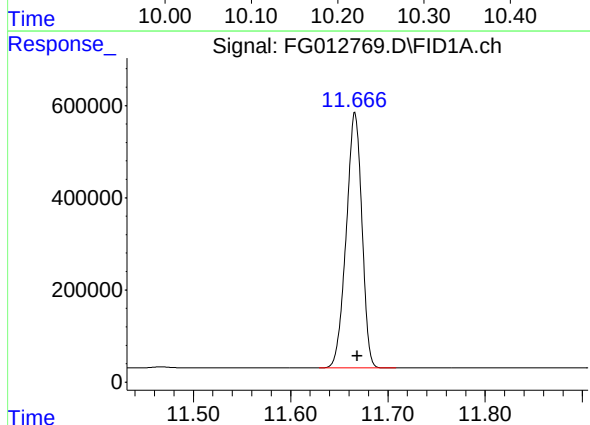
R.T.: 8.606 min
Delta R.T.: -0.002 min
Response: 6293408
Conc: 48.85 ug/ml



#5 N-HEXADECANE

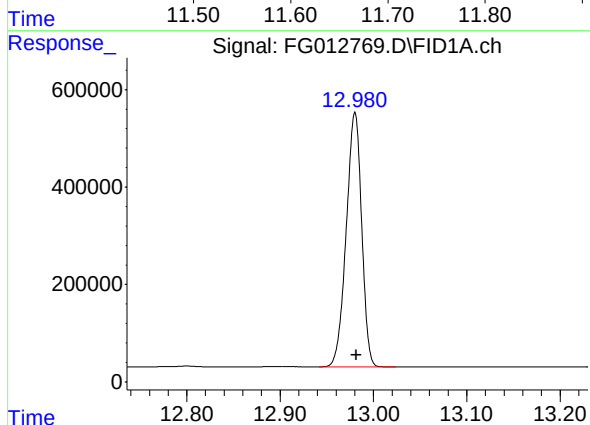
R.T.: 10.219 min
Delta R.T.: -0.002 min
Response: 6234428
Conc: 48.06 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



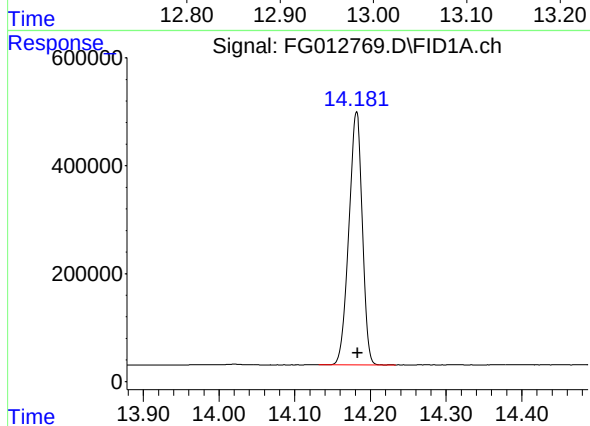
#6 N-OCTADECANE

R.T.: 11.666 min
Delta R.T.: -0.002 min
Response: 6199442
Conc: 47.27 ug/ml



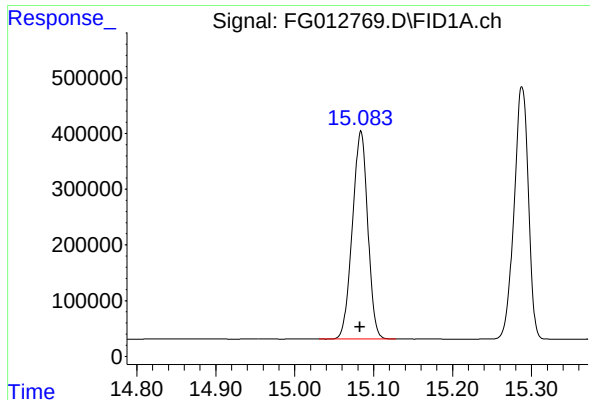
#7 N-EICOSANE

R.T.: 12.980 min
Delta R.T.: -0.001 min
Response: 6002107
Conc: 46.67 ug/ml



#8 N-DOCOSANE

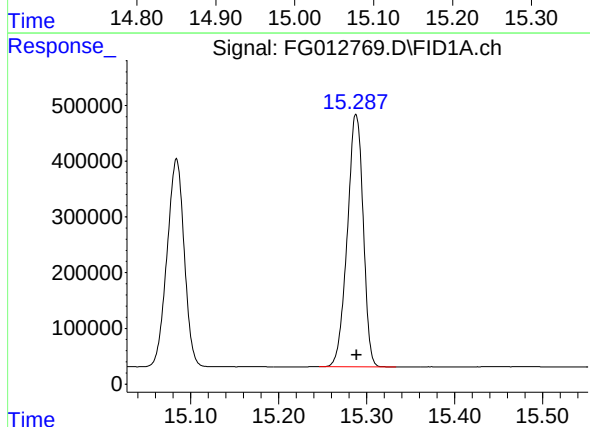
R.T.: 14.182 min
Delta R.T.: -0.001 min
Response: 5788333
Conc: 45.77 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

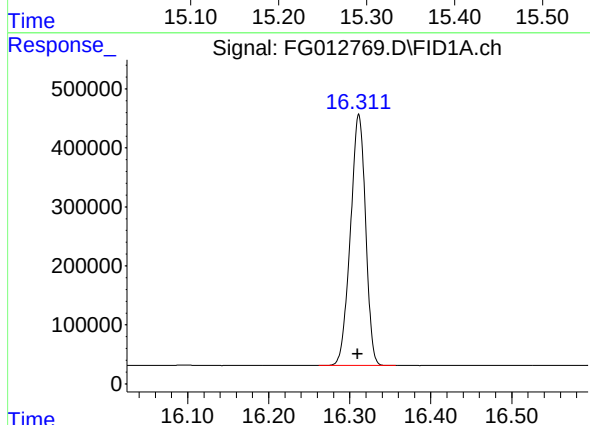
R.T.: 15.084 min
Delta R.T.: 0.001 min
Response: 5048360
Conc: 45.13 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



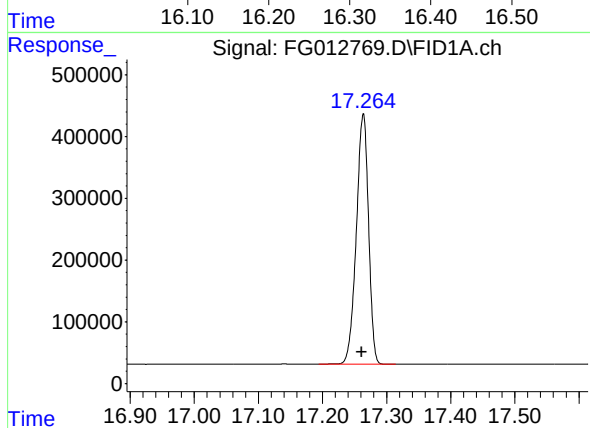
#10 N-TETRACOSANE

R.T.: 15.288 min
Delta R.T.: 0.000 min
Response: 5684781
Conc: 44.95 ug/ml



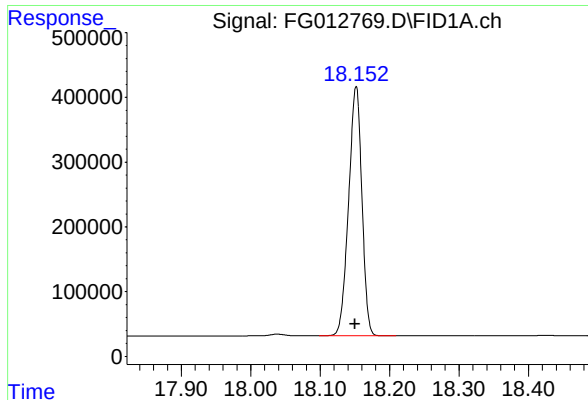
#11 N-HEXACOSANE

R.T.: 16.311 min
Delta R.T.: 0.001 min
Response: 5528624
Conc: 44.17 ug/ml



#12 N-OCTACOSANE

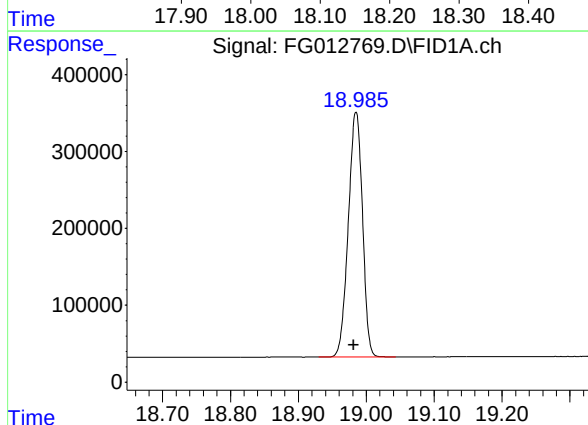
R.T.: 17.264 min
Delta R.T.: 0.003 min
Response: 5374857
Conc: 43.73 ug/ml



#13 N-TRIACONTANE

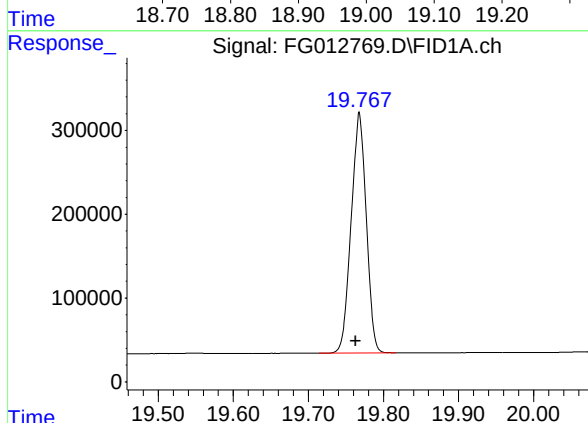
R.T.: 18.152 min
Delta R.T.: 0.002 min
Response: 5120473
Conc: 43.24 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



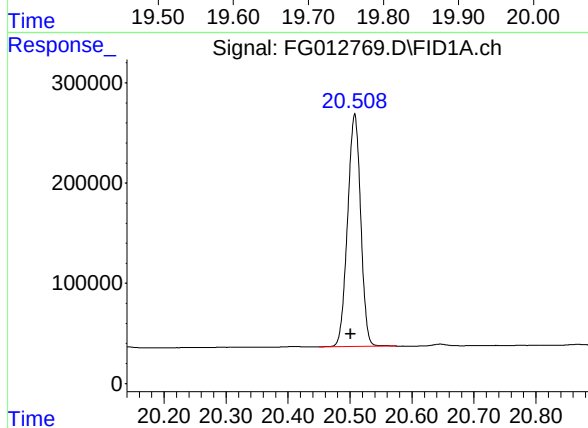
#14 N-DOTRIACONTANE

R.T.: 18.985 min
Delta R.T.: 0.003 min
Response: 4619844
Conc: 41.14 ug/ml



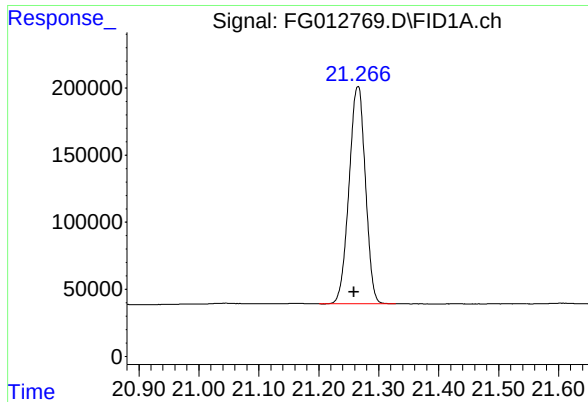
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: 0.005 min
Response: 4008006
Conc: 42.31 ug/ml



#16 N-HEXATRIACONTANE

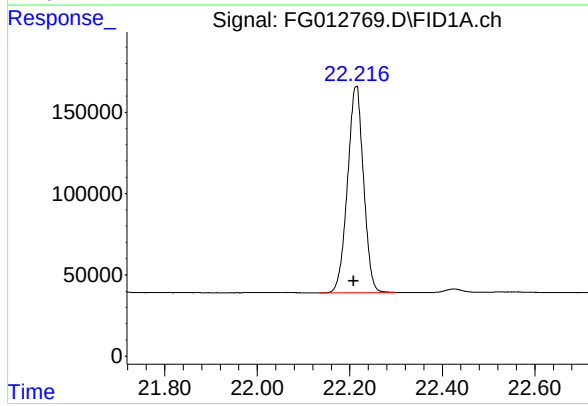
R.T.: 20.508 min
Delta R.T.: 0.007 min
Response: 3414060
Conc: 42.07 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.266 min
Delta R.T.: 0.007 min
Response: 3074543
Conc: 42.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.214 min
Delta R.T.: 0.006 min
Response: 3050901
Conc: 43.79 ug/ml