

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051324\
 Data File : FG013826.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2024 12:56
 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: May 14 04:04:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG050924.M
 Quant Title :
 QLast Update : Thu May 09 14:35:12 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...	15.065	6484159	55.657 ug/ml
Target Compounds			
1) N-OCTANE	2.054	6537497	52.845 ug/ml
2) N-DECANE	4.579	6959913	54.935 ug/ml
3) N-DODECANE	6.751	7149369	55.487 ug/ml
4) N-TETRADECANE	8.584	7290283	55.428 ug/ml
5) N-HEXADECANE	10.197	7427171	55.716 ug/ml
6) N-OCTADECANE	11.645	7559754	55.503 ug/ml
7) N-EICOSANE	12.959	7455774	54.126 ug/ml
8) N-DOCOSANE	14.162	7310665	55.124 ug/ml
10) N-TETRACOSANE	15.269	7299183	55.303 ug/ml
11) N-HEXACOSANE	16.294	7197803	55.432 ug/ml
12) N-OCTACOSANE	17.246	7101315	55.961 ug/ml
13) N-TRIACONTANE	18.136	6807408	53.624 ug/ml
14) N-DOTRIACONTANE	18.971	6222839	48.902 ug/ml
15) N-TETRATRIACONTANE	19.755	5508498	47.155 ug/ml
16) N-HEXATRIACONTANE	20.497	4796318	43.528 ug/ml
17) N-OCTATRIACONTANE	21.249	4270527	42.815 ug/ml
18) N-TETRACONTANE	22.192	4099787	41.519 ug/ml

(f)=RT Delta > 1/2 Window

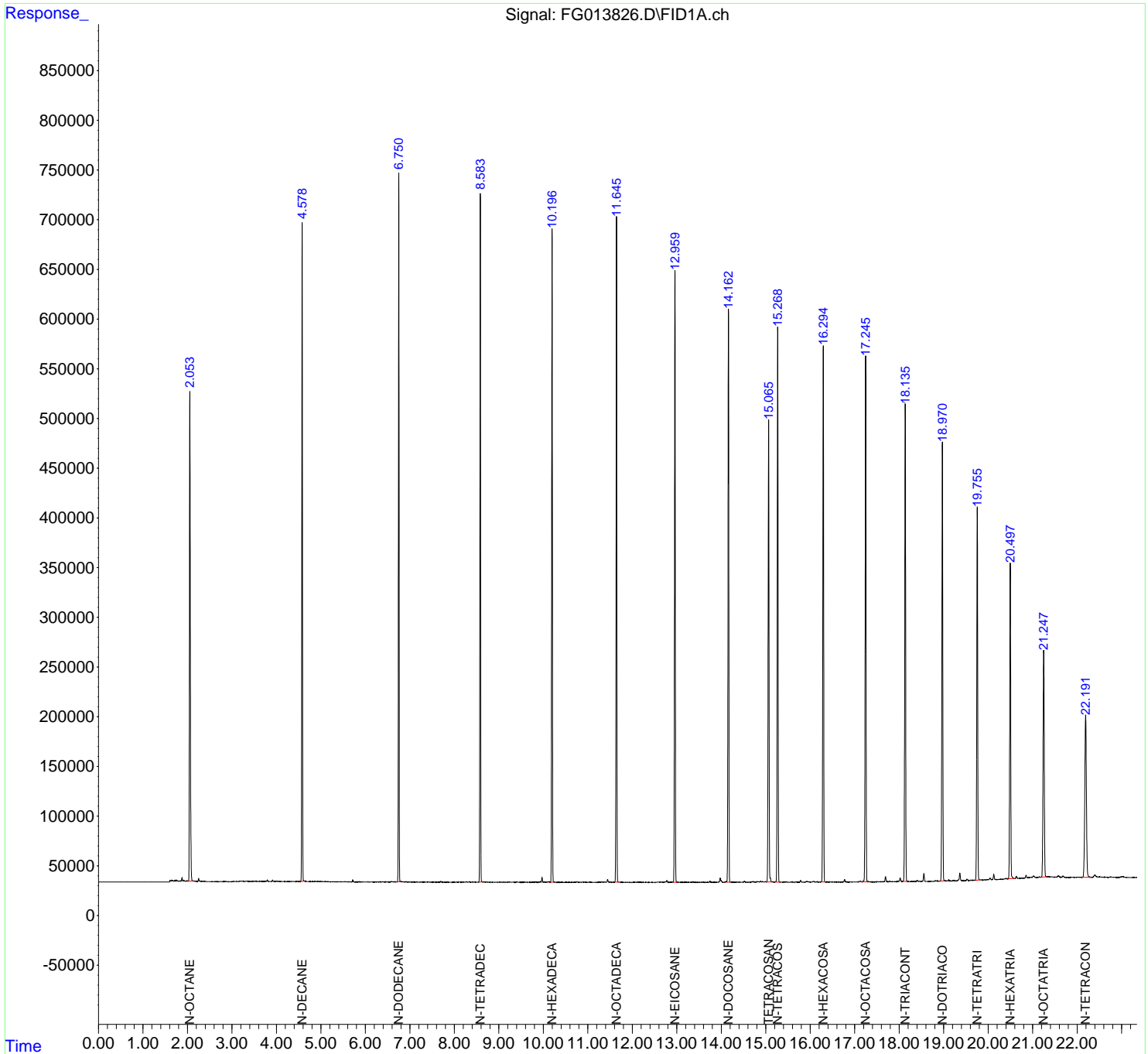
(m)=manual int.

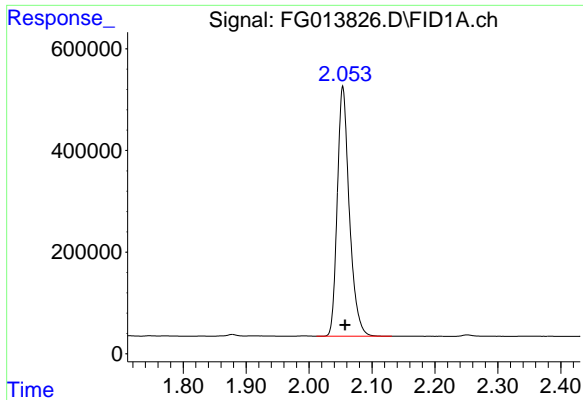
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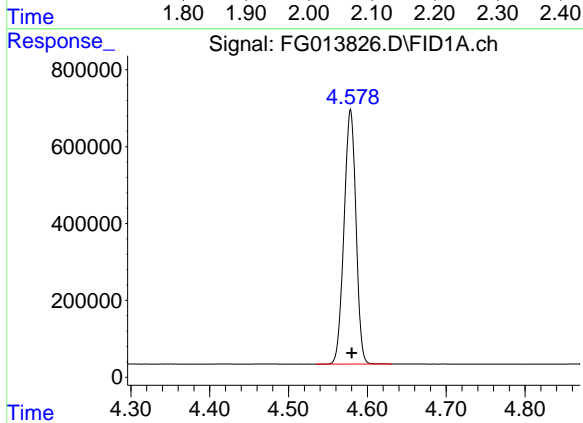




#1 N-OCTANE

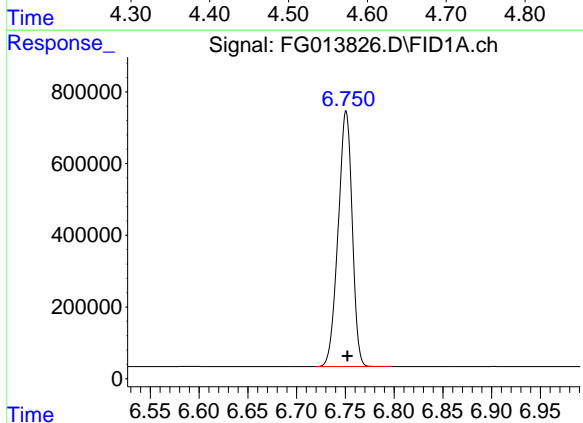
R.T.: 2.054 min
 Delta R.T.: -0.003 min
 Response: 6537497
 Conc: 52.85 ug/ml

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD



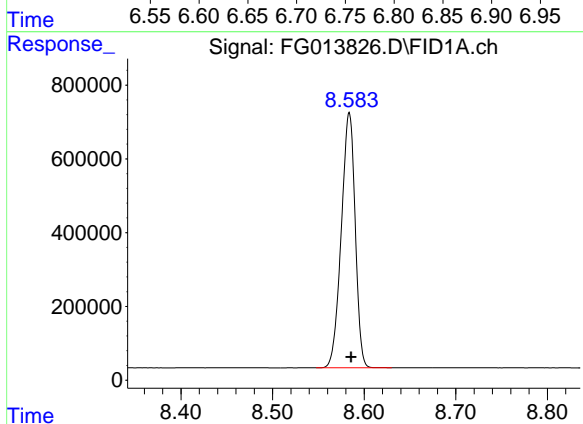
#2 N-DECANE

R.T.: 4.579 min
 Delta R.T.: -0.002 min
 Response: 6959913
 Conc: 54.93 ug/ml



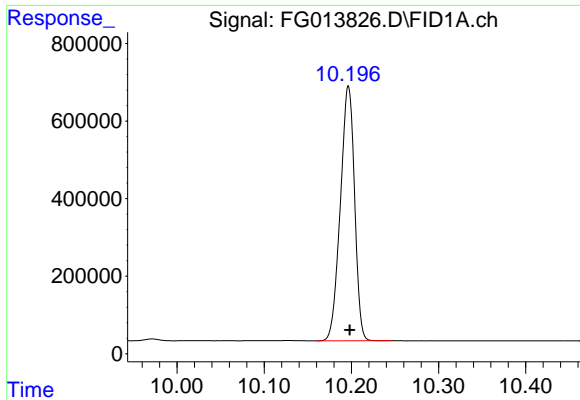
#3 N-DODECANE

R.T.: 6.751 min
 Delta R.T.: -0.001 min
 Response: 7149369
 Conc: 55.49 ug/ml



#4 N-TETRADECANE

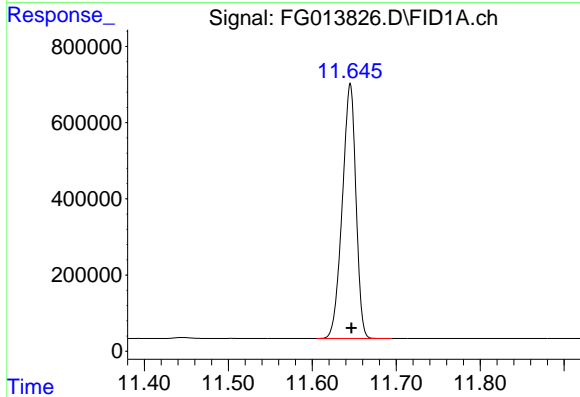
R.T.: 8.584 min
 Delta R.T.: -0.002 min
 Response: 7290283
 Conc: 55.43 ug/ml



#5 N-HEXADECANE

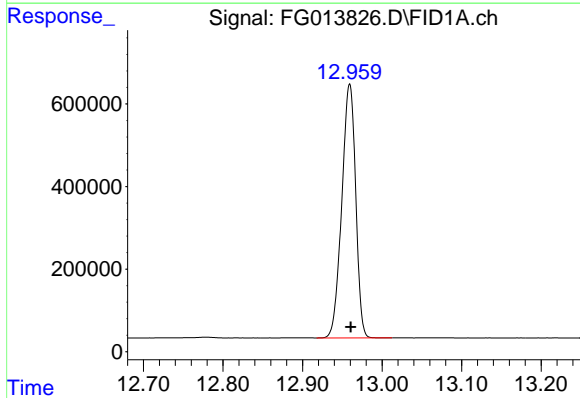
R.T.: 10.197 min
Delta R.T.: -0.002 min
Response: 7427171
Conc: 55.72 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



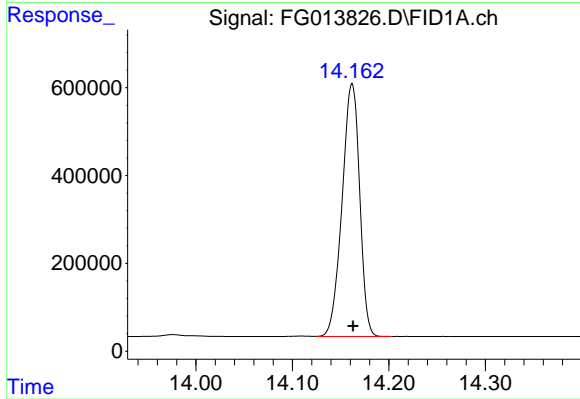
#6 N-OCTADECANE

R.T.: 11.645 min
Delta R.T.: -0.001 min
Response: 7559754
Conc: 55.50 ug/ml



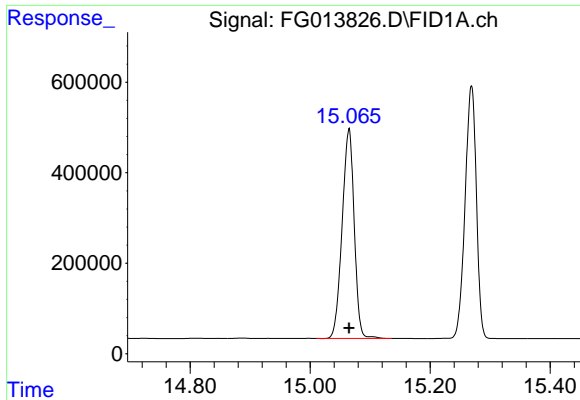
#7 N-EICOSANE

R.T.: 12.959 min
Delta R.T.: -0.001 min
Response: 7455774
Conc: 54.13 ug/ml



#8 N-DOCOSANE

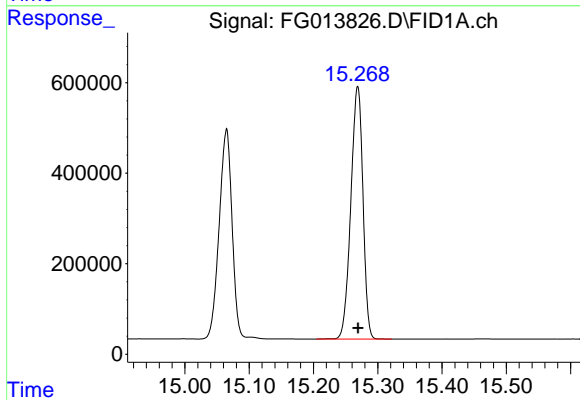
R.T.: 14.162 min
Delta R.T.: -0.001 min
Response: 7310665
Conc: 55.12 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

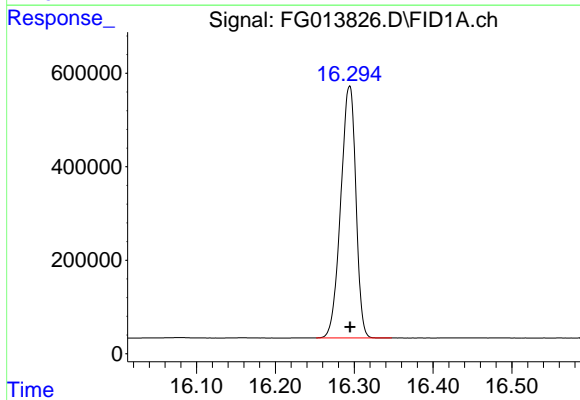
R.T.: 15.065 min
 Delta R.T.: 0.000 min
 Response: 6484159
 Conc: 55.66 ug/ml

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD



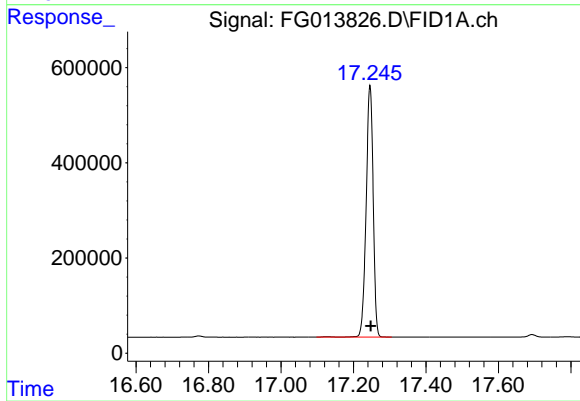
#10 N-TETRACOSANE

R.T.: 15.269 min
 Delta R.T.: 0.000 min
 Response: 7299183
 Conc: 55.30 ug/ml



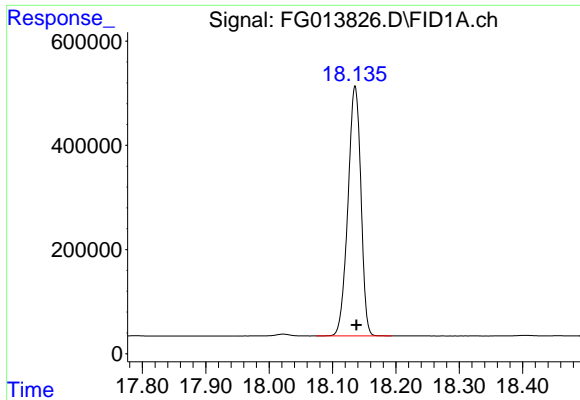
#11 N-HEXACOSANE

R.T.: 16.294 min
 Delta R.T.: 0.000 min
 Response: 7197803
 Conc: 55.43 ug/ml



#12 N-OCTACOSANE

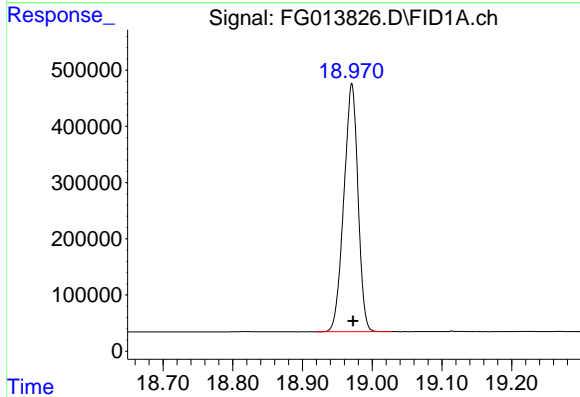
R.T.: 17.246 min
 Delta R.T.: -0.002 min
 Response: 7101315
 Conc: 55.96 ug/ml



#13 N-TRIACONTANE

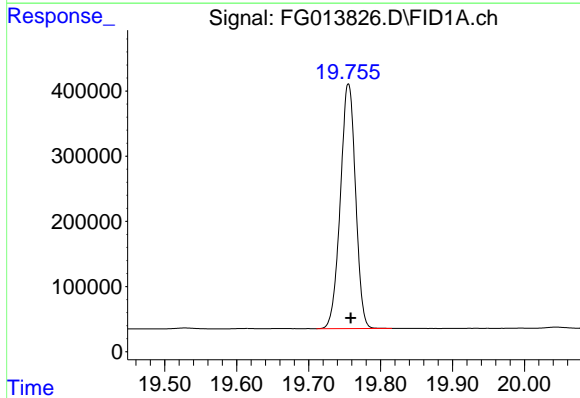
R.T.: 18.136 min
Delta R.T.: -0.002 min
Response: 6807408
Conc: 53.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



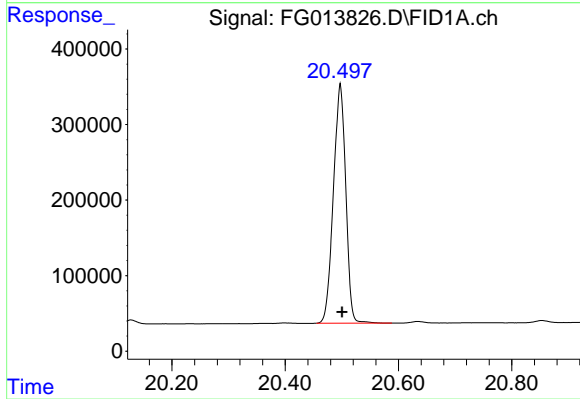
#14 N-DOTRIACONTANE

R.T.: 18.971 min
Delta R.T.: -0.002 min
Response: 6222839
Conc: 48.90 ug/ml



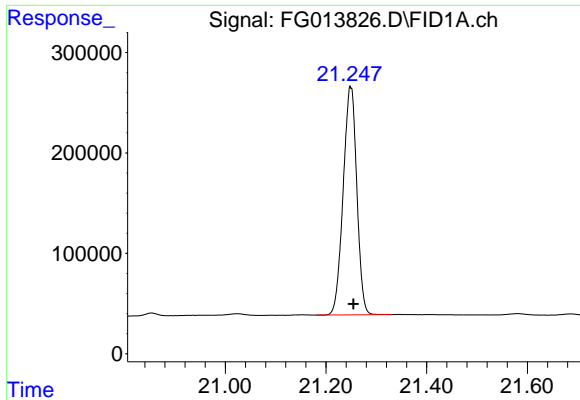
#15 N-TETRATRIACONTANE

R.T.: 19.755 min
Delta R.T.: -0.003 min
Response: 5508498
Conc: 47.15 ug/ml



#16 N-HEXATRIACONTANE

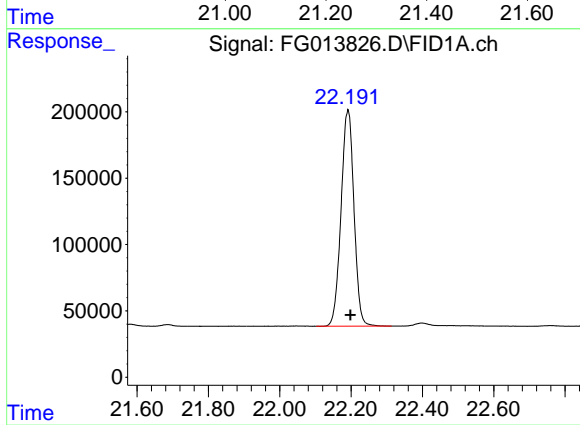
R.T.: 20.497 min
Delta R.T.: -0.003 min
Response: 4796318
Conc: 43.53 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.249 min
Delta R.T.: -0.006 min
Response: 4270527
Conc: 42.82 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.192 min
Delta R.T.: -0.007 min
Response: 4099787
Conc: 41.52 ug/ml