

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016010.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2025 15:06
 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 11 01:39:40 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...	14.976	5628825	45.927 ug/ml
Target Compounds			
1) N-OCTANE	1.950	5859317	49.831 ug/ml
2) N-DECANE	4.476	6067037	51.635 ug/ml
3) N-DODECANE	6.660	6233451	51.358 ug/ml
4) N-TETRADECANE	8.497	6418218	50.264 ug/ml
5) N-HEXADECANE	10.110	6510938	48.870 ug/ml
6) N-OCTADECANE	11.557	6662857	48.280 ug/ml
7) N-EICOSANE	12.873	6709400	47.491 ug/ml
8) N-DOCOSANE	14.074	6452989	46.977 ug/ml
10) N-TETRACOSANE	15.181	6354713	46.226 ug/ml
11) N-HEXACOSANE	16.204	6226365	45.826 ug/ml
12) N-OCTACOSANE	17.157	6097879	45.228 ug/ml
13) N-TRIACONTANE	18.045	6135285	44.964 ug/ml
14) N-DOTRIACONTANE	18.880	5908072	44.112 ug/ml
15) N-TETRATRIACONTANE	19.665	5363637	44.231 ug/ml
16) N-HEXATRIACONTANE	20.407	4609188	43.163 ug/ml
17) N-OCTATRIACONTANE	21.141	4102672	42.751 ug/ml
18) N-TETRACONTANE	22.051	3842953	43.694 ug/ml

(f)=RT Delta > 1/2 Window

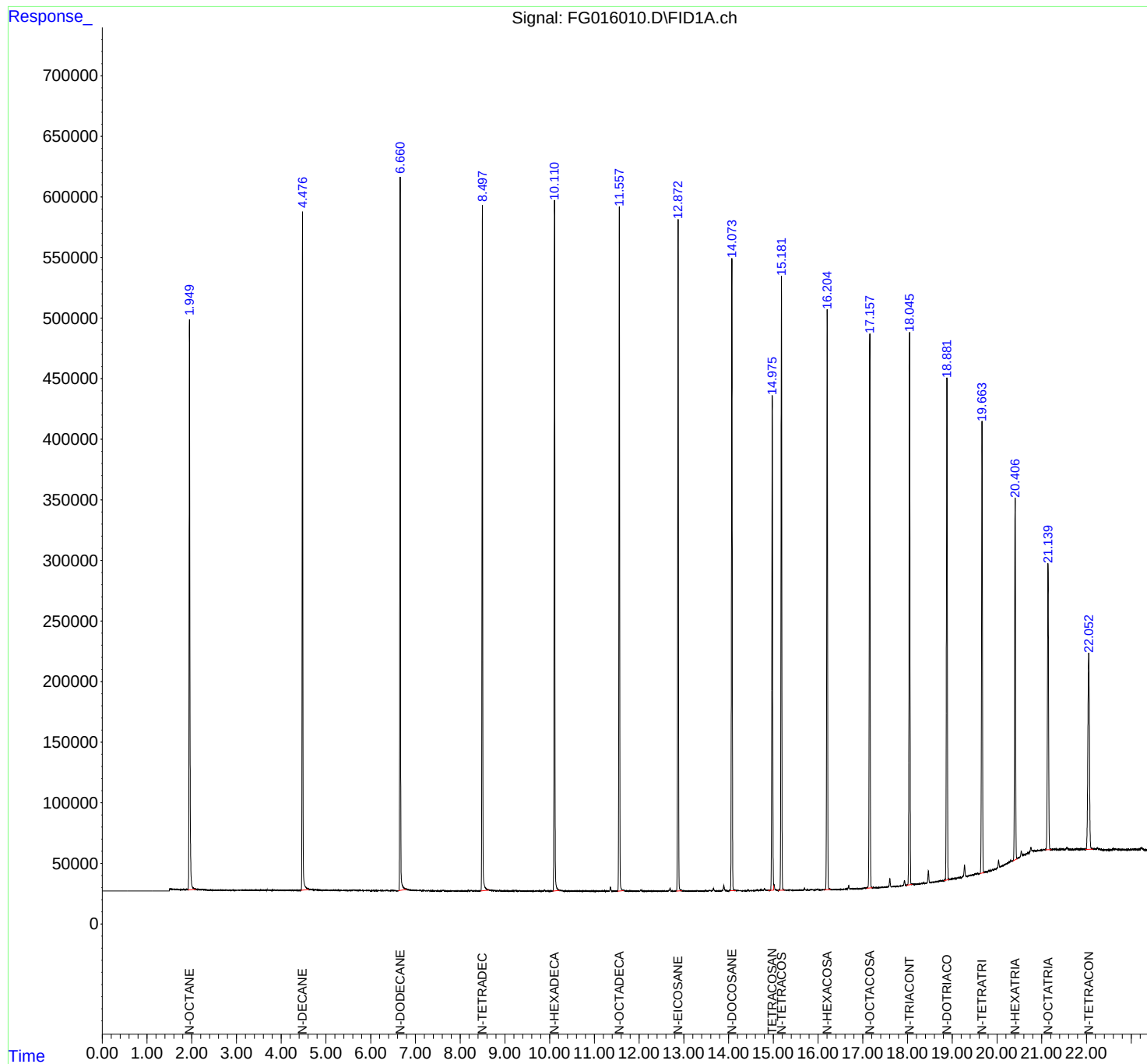
(m)=manual int.

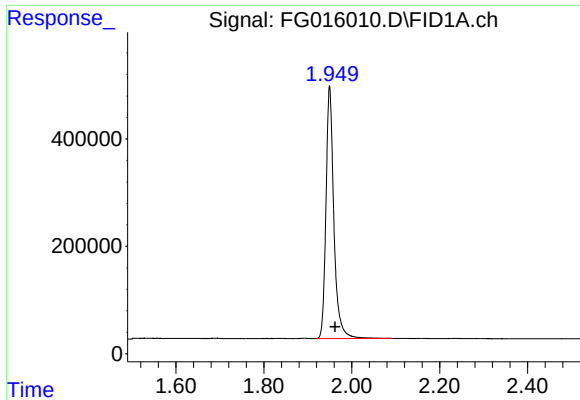
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Signal Info : 20mx0.18mmx0.18um

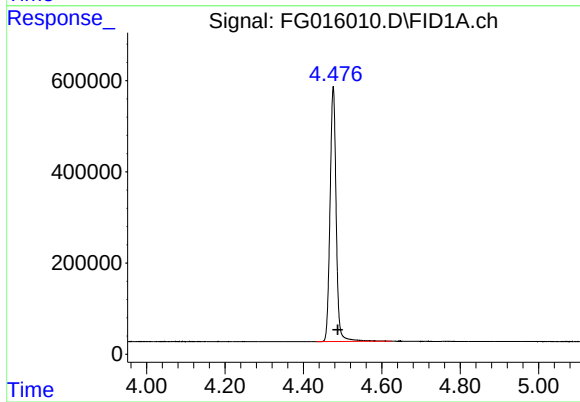




#1 N-OCTANE

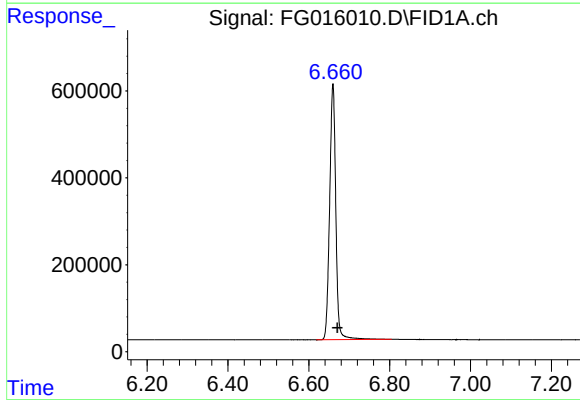
R.T.: 1.950 min
Delta R.T.: -0.012 min
Response: 5859317
Conc: 49.83 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



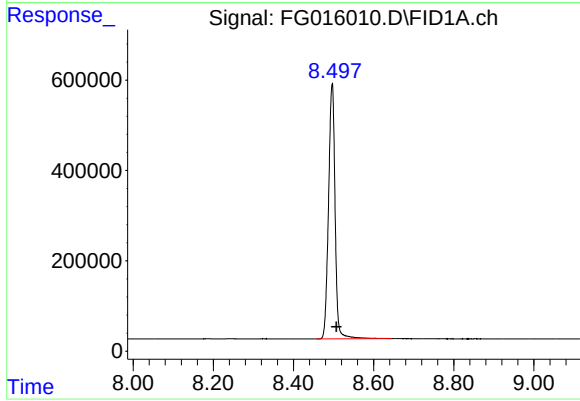
#2 N-DECANE

R.T.: 4.476 min
Delta R.T.: -0.011 min
Response: 6067037
Conc: 51.63 ug/ml



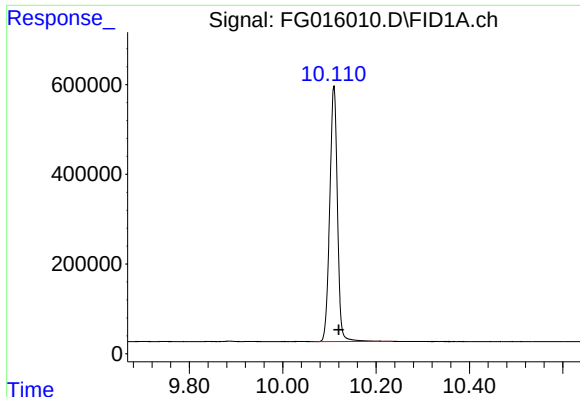
#3 N-DODECANE

R.T.: 6.660 min
Delta R.T.: -0.011 min
Response: 6233451
Conc: 51.36 ug/ml



#4 N-TETRADECANE

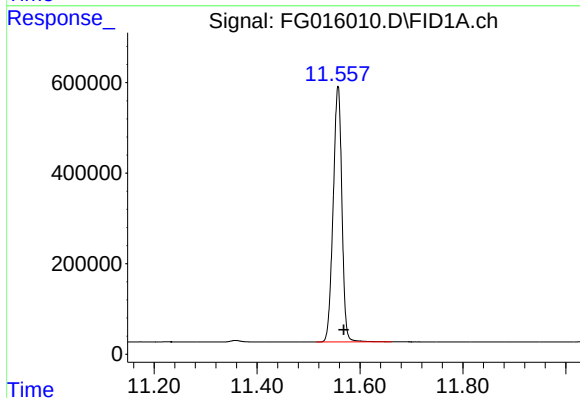
R.T.: 8.497 min
Delta R.T.: -0.010 min
Response: 6418218
Conc: 50.26 ug/ml



#5 N-HEXADECANE

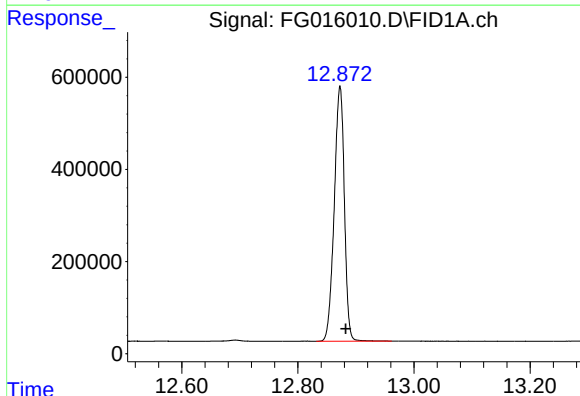
R.T.: 10.110 min
Delta R.T.: -0.011 min
Response: 6510938
Conc: 48.87 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



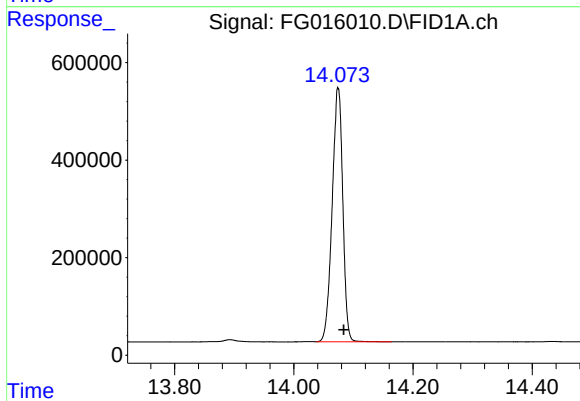
#6 N-OCTADECANE

R.T.: 11.557 min
Delta R.T.: -0.011 min
Response: 6662857
Conc: 48.28 ug/ml



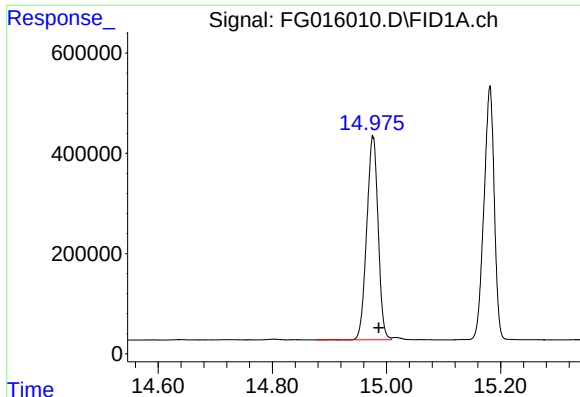
#7 N-EICOSANE

R.T.: 12.873 min
Delta R.T.: -0.010 min
Response: 6709400
Conc: 47.49 ug/ml



#8 N-DOCOSANE

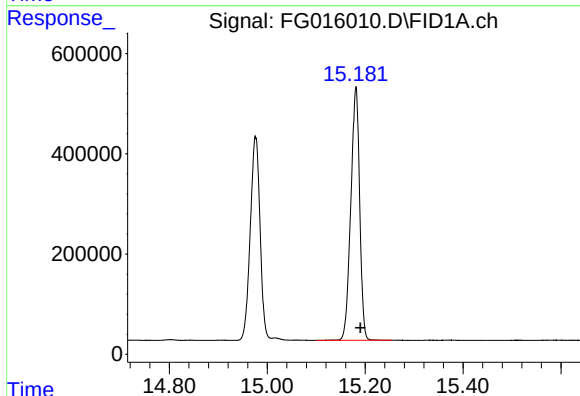
R.T.: 14.074 min
Delta R.T.: -0.009 min
Response: 6452989
Conc: 46.98 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

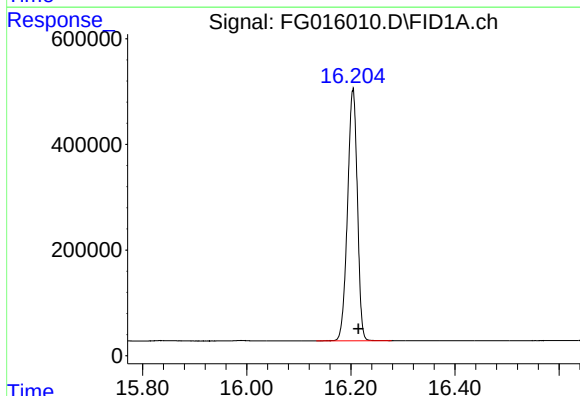
R.T.: 14.976 min
Delta R.T.: -0.010 min
Response: 5628825
Conc: 45.93 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



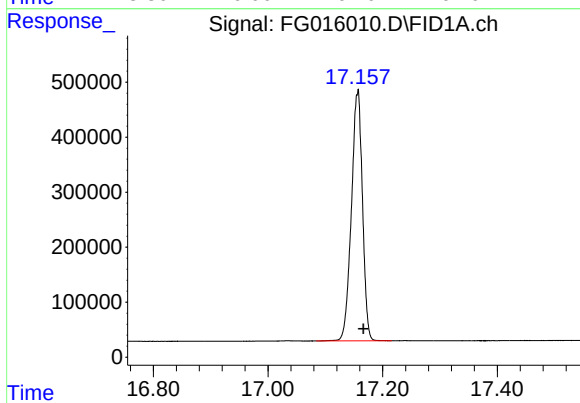
#10 N-TETRACOSANE

R.T.: 15.181 min
Delta R.T.: -0.009 min
Response: 6354713
Conc: 46.23 ug/ml



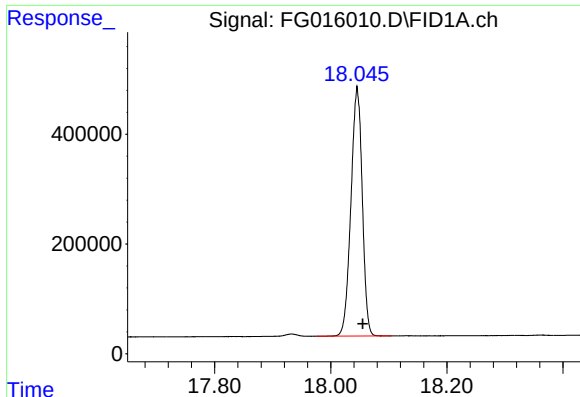
#11 N-HEXACOSANE

R.T.: 16.204 min
Delta R.T.: -0.011 min
Response: 6226365
Conc: 45.83 ug/ml



#12 N-OCTACOSANE

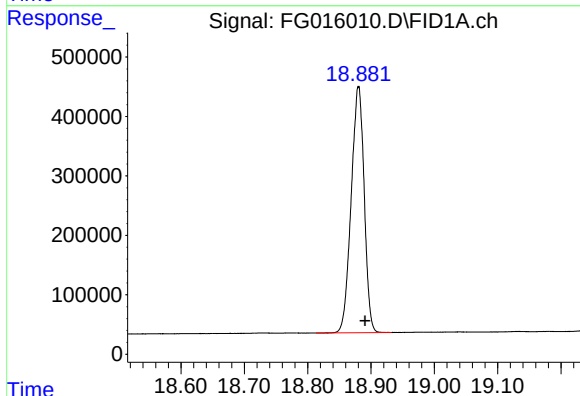
R.T.: 17.157 min
Delta R.T.: -0.010 min
Response: 6097879
Conc: 45.23 ug/ml



#13 N-TRIACONTANE

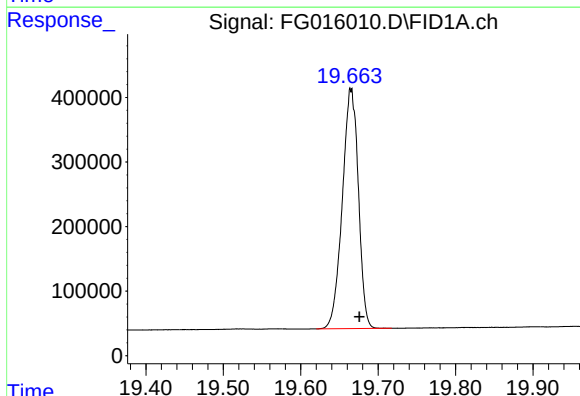
R.T.: 18.045 min
Delta R.T.: -0.010 min
Response: 6135285
Conc: 44.96 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



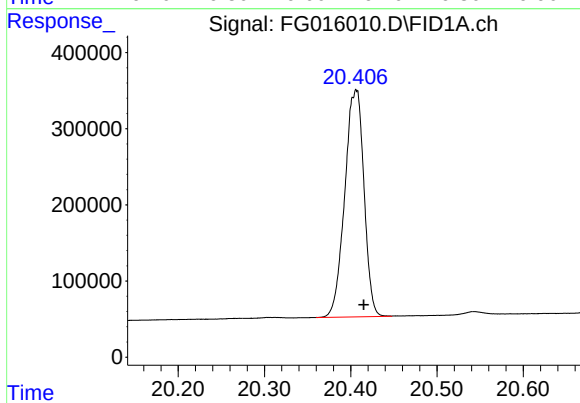
#14 N-DOTRIACONTANE

R.T.: 18.880 min
Delta R.T.: -0.010 min
Response: 5908072
Conc: 44.11 ug/ml



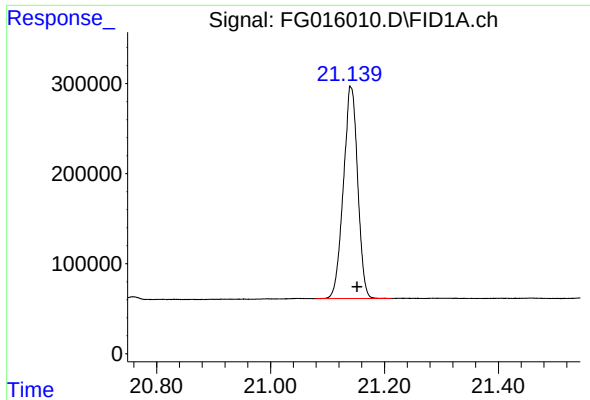
#15 N-TETRATRIACONTANE

R.T.: 19.665 min
Delta R.T.: -0.011 min
Response: 5363637
Conc: 44.23 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.407 min
Delta R.T.: -0.008 min
Response: 4609188
Conc: 43.16 ug/ml



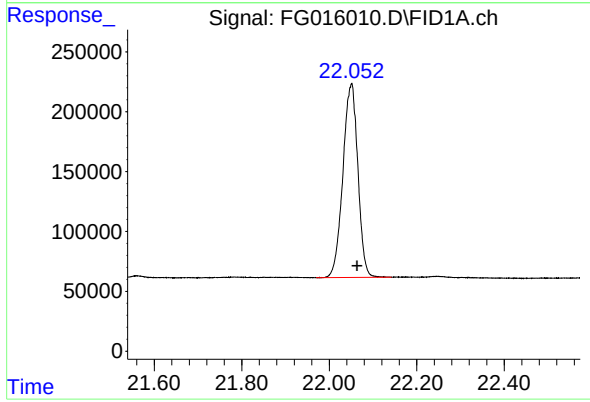
#17 N-OCTATRIACONTANE

R.T.: 21.141 min
Delta R.T.: -0.011 min
Response: 4102672
Conc: 42.75 ug/ml

Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.051 min
Delta R.T.: -0.012 min
Response: 3842953
Conc: 43.69 ug/ml