

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016041.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 07:16
 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 07:25:09 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...	14.972	6311060	51.493 ug/ml
Target Compounds			
1) N-OCTANE	1.949	6500019	55.280 ug/ml
2) N-DECANE	4.472	6752897	57.472 ug/ml
3) N-DODECANE	6.656	6944659	57.218 ug/ml
4) N-TETRADECANE	8.492	7082590	55.467 ug/ml
5) N-HEXADECANE	10.106	7177675	53.875 ug/ml
6) N-OCTADECANE	11.554	7338043	53.172 ug/ml
7) N-EICOSANE	12.867	7413404	52.475 ug/ml
8) N-DOCOSANE	14.070	7187673	52.325 ug/ml
10) N-TETRACOSANE	15.176	7153844	52.039 ug/ml
11) N-HEXACOSANE	16.201	7082059	52.124 ug/ml
12) N-OCTACOSANE	17.153	7013605	52.020 ug/ml
13) N-TRIACONTANE	18.044	7106304	52.081 ug/ml
14) N-DOTRIACONTANE	18.876	6874123	51.324 ug/ml
15) N-TETRATRIACONTANE	19.661	6209414	51.205 ug/ml
16) N-HEXATRIACONTANE	20.401	5289847	49.537 ug/ml
17) N-OCTATRIACONTANE	21.135	4650674	48.461 ug/ml
18) N-TETRACONTANE	22.042	4227876	48.070 ug/ml

(f)=RT Delta > 1/2 Window

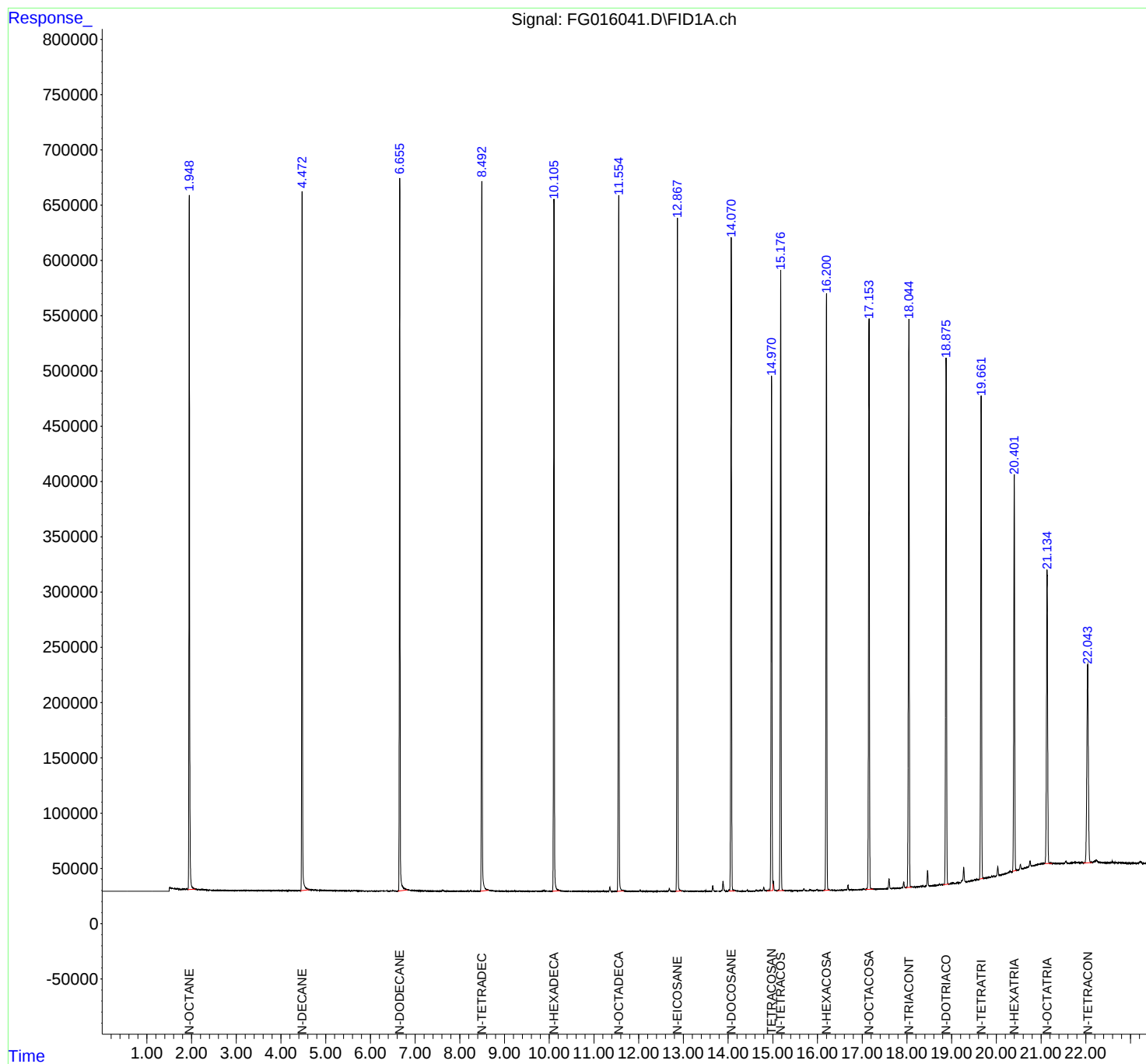
(m)=manual int.

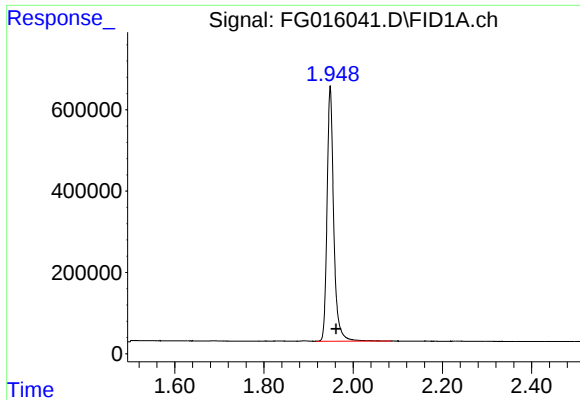
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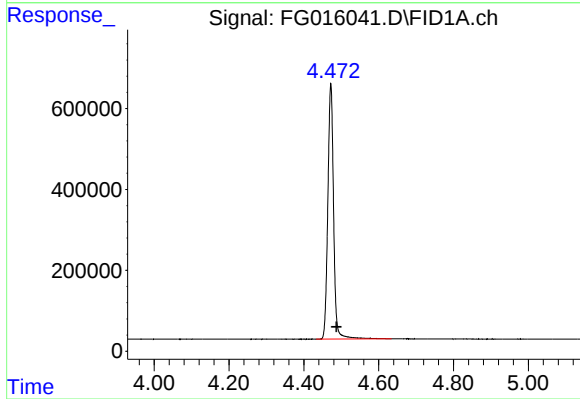




#1 N-OCTANE

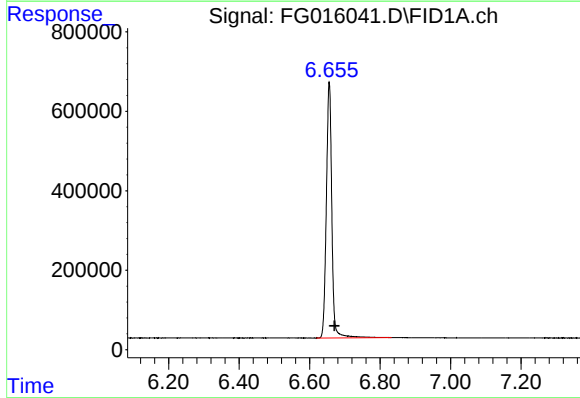
R.T.: 1.949 min
Delta R.T.: -0.013 min
Response: 6500019
Conc: 55.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



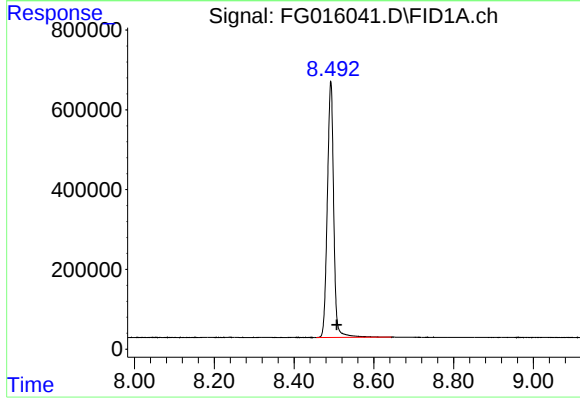
#2 N-DECANE

R.T.: 4.472 min
Delta R.T.: -0.015 min
Response: 6752897
Conc: 57.47 ug/ml



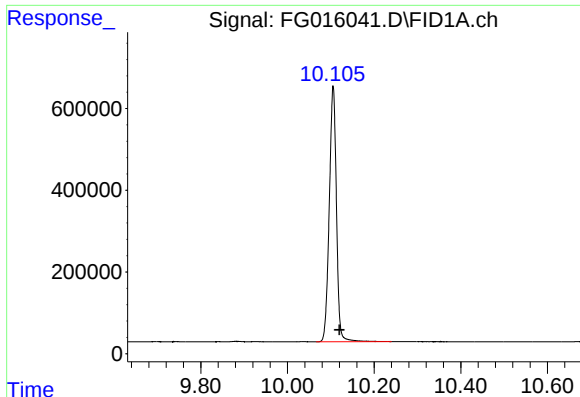
#3 N-DODECANE

R.T.: 6.656 min
Delta R.T.: -0.015 min
Response: 6944659
Conc: 57.22 ug/ml



#4 N-TETRADECANE

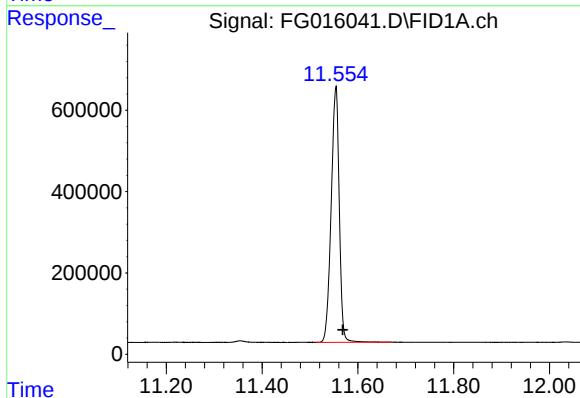
R.T.: 8.492 min
Delta R.T.: -0.015 min
Response: 7082590
Conc: 55.47 ug/ml



#5 N-HEXADECANE

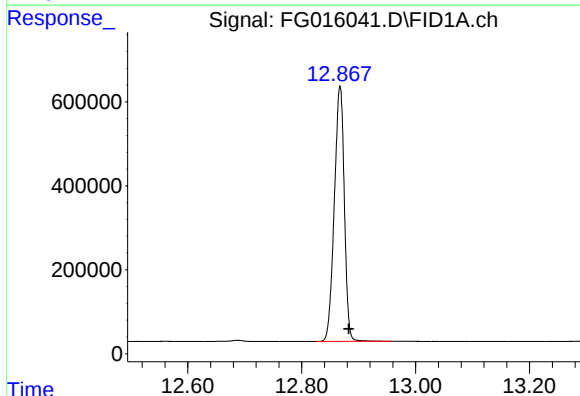
R.T.: 10.106 min
Delta R.T.: -0.015 min
Response: 7177675
Conc: 53.87 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



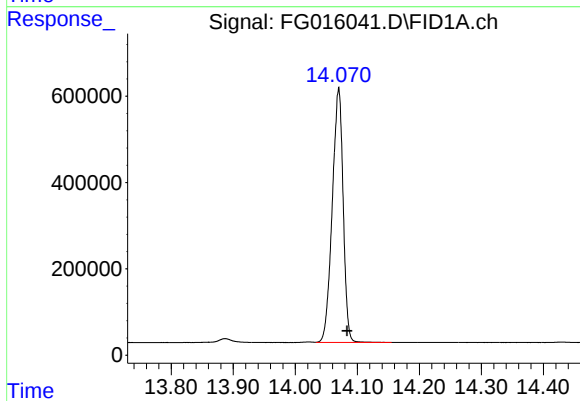
#6 N-OCTADECANE

R.T.: 11.554 min
Delta R.T.: -0.014 min
Response: 7338043
Conc: 53.17 ug/ml



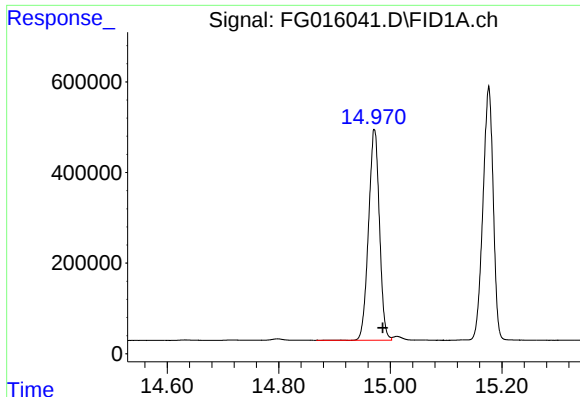
#7 N-EICOSANE

R.T.: 12.867 min
Delta R.T.: -0.015 min
Response: 7413404
Conc: 52.47 ug/ml



#8 N-DOCOSANE

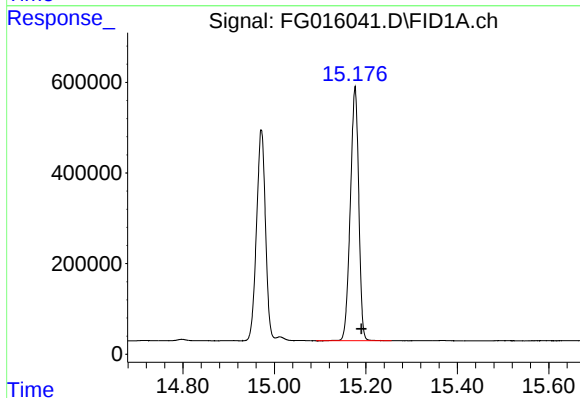
R.T.: 14.070 min
Delta R.T.: -0.014 min
Response: 7187673
Conc: 52.33 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

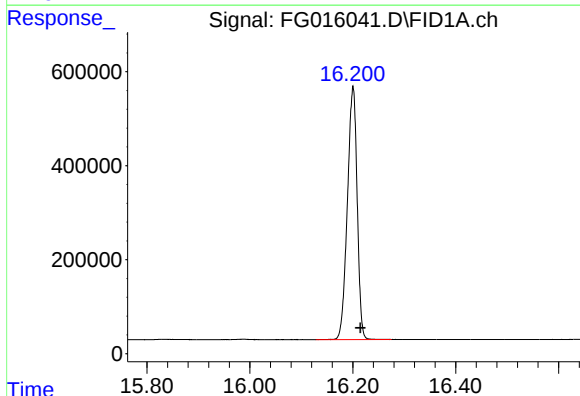
R.T.: 14.972 min
Delta R.T.: -0.015 min
Response: 6311060
Conc: 51.49 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



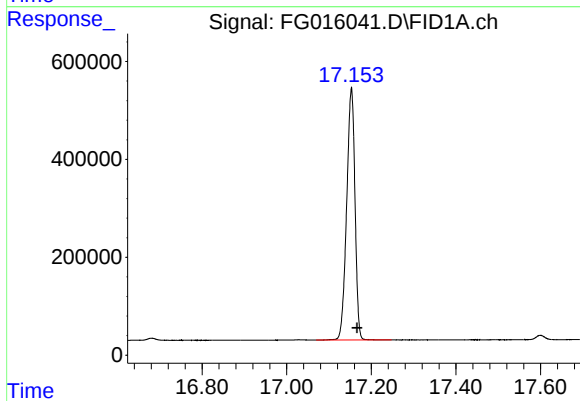
#10 N-TETRACOSANE

R.T.: 15.176 min
Delta R.T.: -0.014 min
Response: 7153844
Conc: 52.04 ug/ml



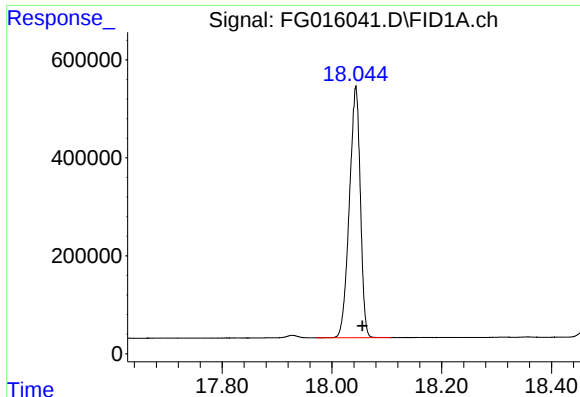
#11 N-HEXACOSANE

R.T.: 16.201 min
Delta R.T.: -0.014 min
Response: 7082059
Conc: 52.12 ug/ml



#12 N-OCTACOSANE

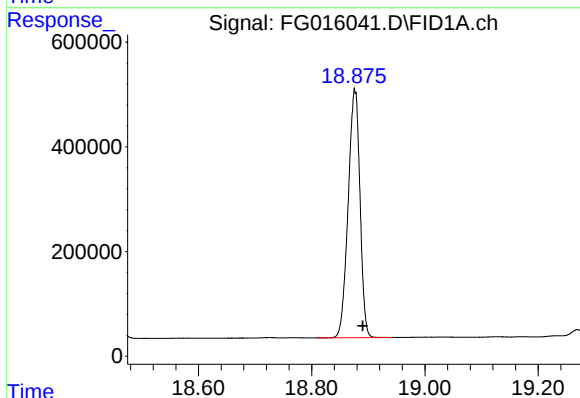
R.T.: 17.153 min
Delta R.T.: -0.013 min
Response: 7013605
Conc: 52.02 ug/ml



#13 N-TRIACONTANE

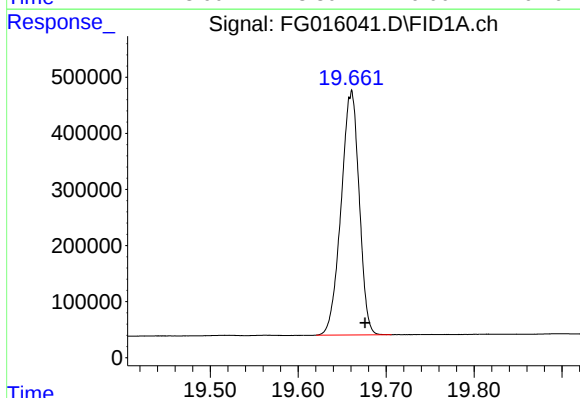
R.T.: 18.044 min
Delta R.T.: -0.012 min
Response: 7106304
Conc: 52.08 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



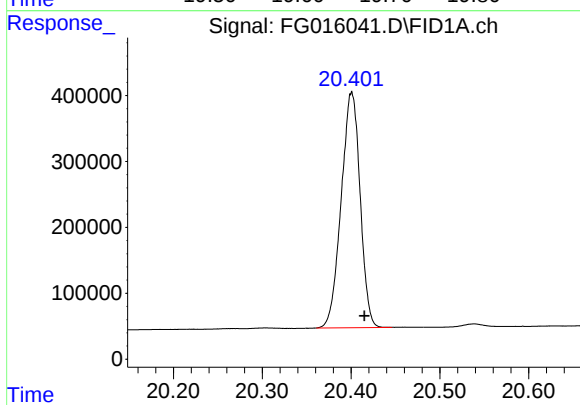
#14 N-DOTRIACONTANE

R.T.: 18.876 min
Delta R.T.: -0.014 min
Response: 6874123
Conc: 51.32 ug/ml



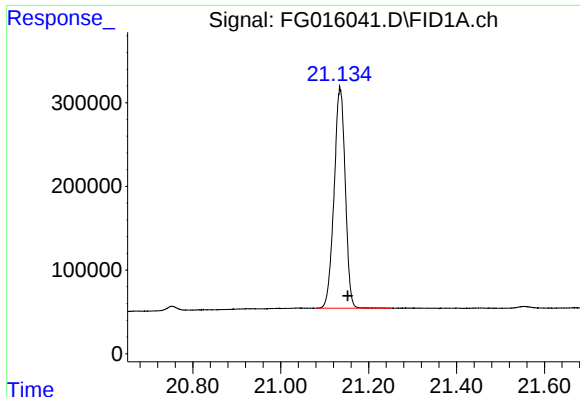
#15 N-TETRATRIACONTANE

R.T.: 19.661 min
Delta R.T.: -0.015 min
Response: 6209414
Conc: 51.21 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.401 min
Delta R.T.: -0.014 min
Response: 5289847
Conc: 49.54 ug/ml



#17 N-OCTATRIACONTANE

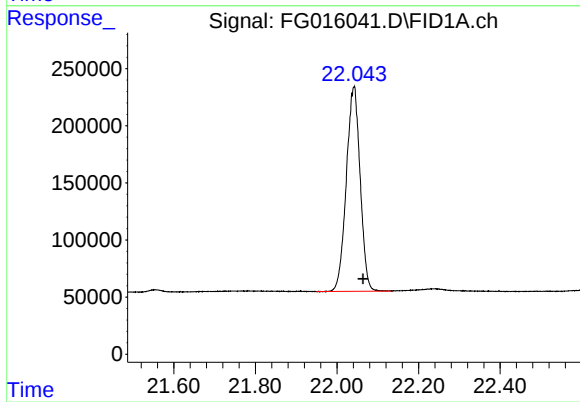
R.T.: 21.135 min
Delta R.T.: -0.017 min
Response: 4650674
Conc: 48.46 ug/ml

Instrument :

FID_G

ClientSampleId :

50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.042 min
Delta R.T.: -0.022 min
Response: 4227876
Conc: 48.07 ug/ml