

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042125\
 Data File : FG015720.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2025 09:29
 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: Apr 21 12:49:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 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...	15.006	4872320	42.529 ug/ml
Target Compounds			
1) N-OCTANE	1.976	4902908	42.183 ug/ml
2) N-DECANE	4.506	5254841	44.482 ug/ml
3) N-DODECANE	6.689	5445911	44.850 ug/ml
4) N-TETRADECANE	8.525	5559112	44.084 ug/ml
5) N-HEXADECANE	10.140	5591204	43.424 ug/ml
6) N-OCTADECANE	11.588	5679696	43.113 ug/ml
7) N-EICOSANE	12.903	5705223	42.608 ug/ml
8) N-DOCOSANE	14.104	5493083	42.272 ug/ml
10) N-TETRACOSANE	15.211	5428102	41.907 ug/ml
11) N-HEXACOSANE	16.234	5327707	41.860 ug/ml
12) N-OCTACOSANE	17.186	5241735	41.933 ug/ml
13) N-TRIACONTANE	18.077	5333251	42.606 ug/ml
14) N-DOTRIACONTANE	18.911	5364547	45.203 ug/ml
15) N-TETRATRIACONTANE	19.696	5489761	52.596 ug/ml
16) N-HEXATRIACONTANE	20.438	5531816	63.116 ug/ml
17) N-OCTATRIACONTANE	21.180	5385915	72.168 ug/ml
18) N-TETRACONTANE	22.099	4539136	68.528 ug/ml

(f)=RT Delta > 1/2 Window

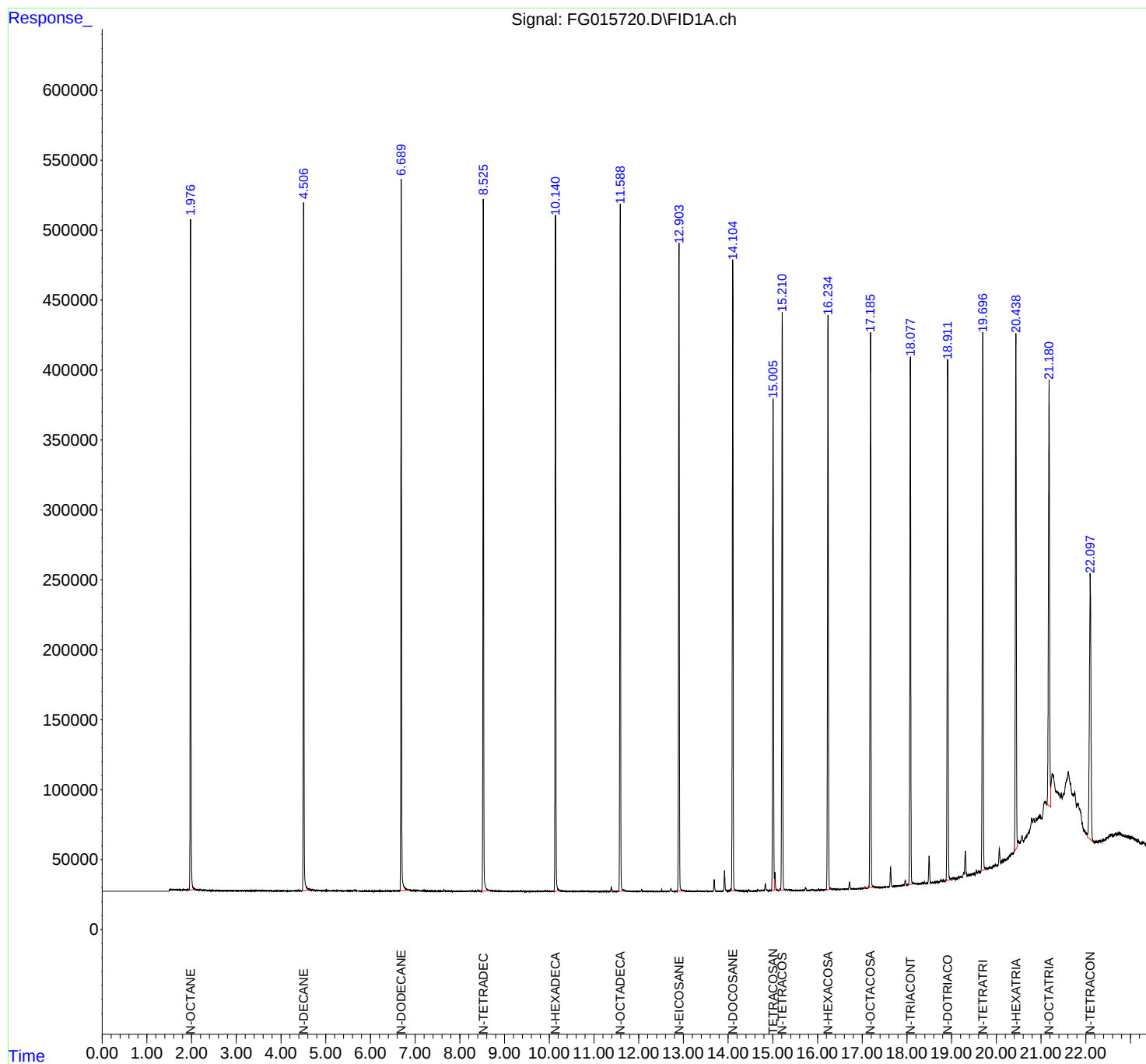
(m)=manual int.

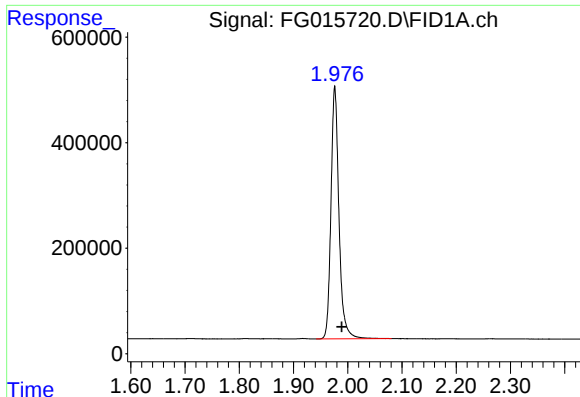
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Signal Info : 20mx0.18mmx0.18um

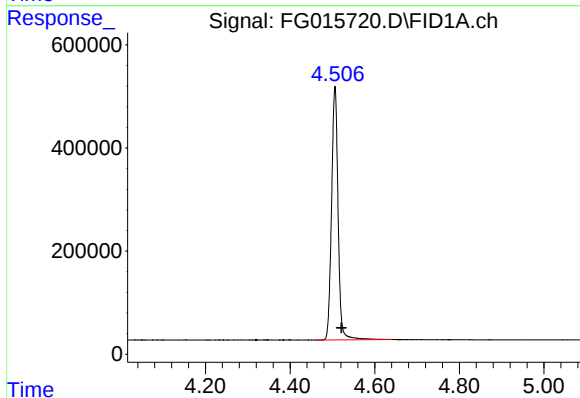




#1 N-OCTANE

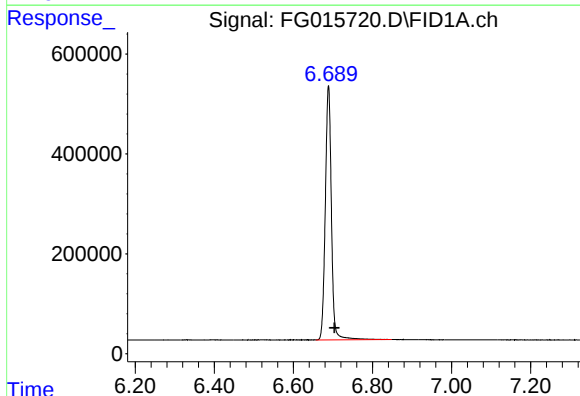
R.T.: 1.976 min
Delta R.T.: -0.013 min
Response: 4902908
Conc: 42.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



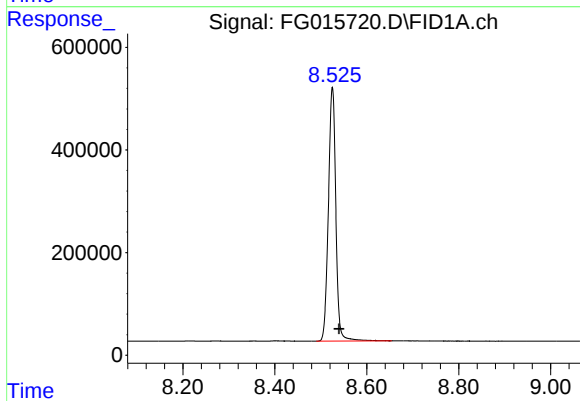
#2 N-DECANE

R.T.: 4.506 min
Delta R.T.: -0.015 min
Response: 5254841
Conc: 44.48 ug/ml



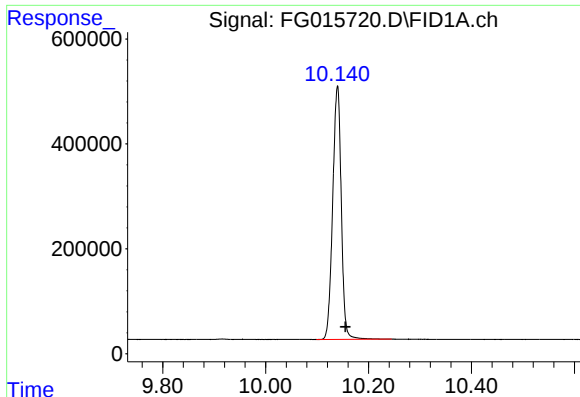
#3 N-DODECANE

R.T.: 6.689 min
Delta R.T.: -0.015 min
Response: 5445911
Conc: 44.85 ug/ml



#4 N-TETRADECANE

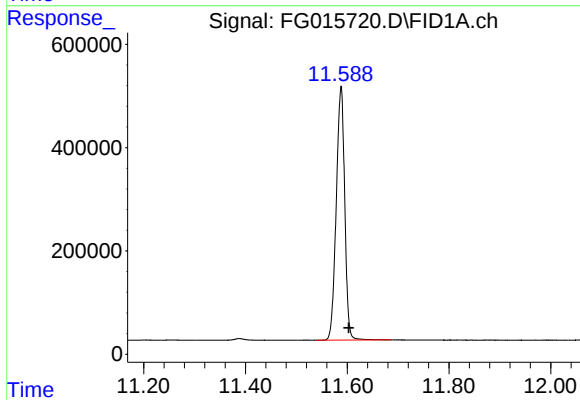
R.T.: 8.525 min
Delta R.T.: -0.015 min
Response: 5559112
Conc: 44.08 ug/ml



#5 N-HEXADECANE

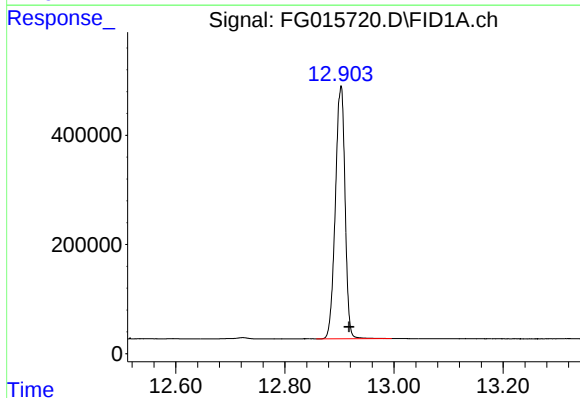
R.T.: 10.140 min
Delta R.T.: -0.015 min
Response: 5591204
Conc: 43.42 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



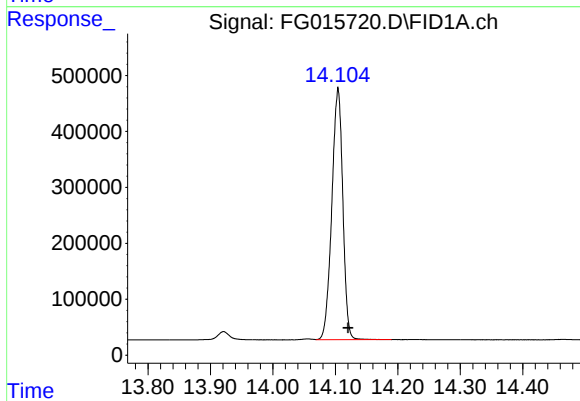
#6 N-OCTADECANE

R.T.: 11.588 min
Delta R.T.: -0.015 min
Response: 5679696
Conc: 43.11 ug/ml



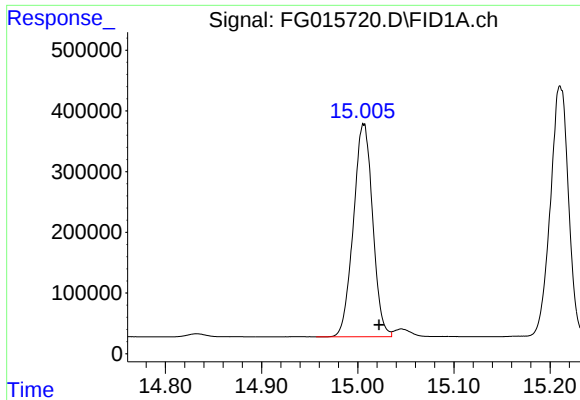
#7 N-EICOSANE

R.T.: 12.903 min
Delta R.T.: -0.015 min
Response: 5705223
Conc: 42.61 ug/ml



#8 N-DOCOSANE

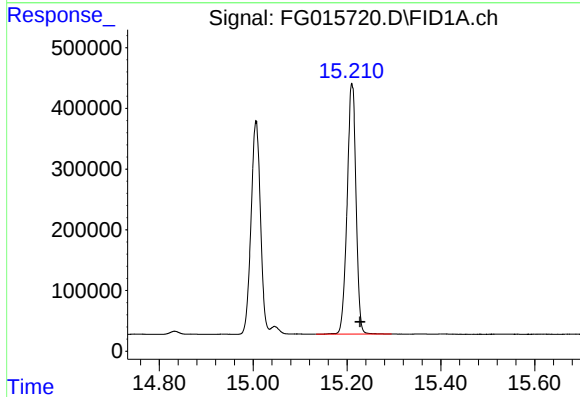
R.T.: 14.104 min
Delta R.T.: -0.016 min
Response: 5493083
Conc: 42.27 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

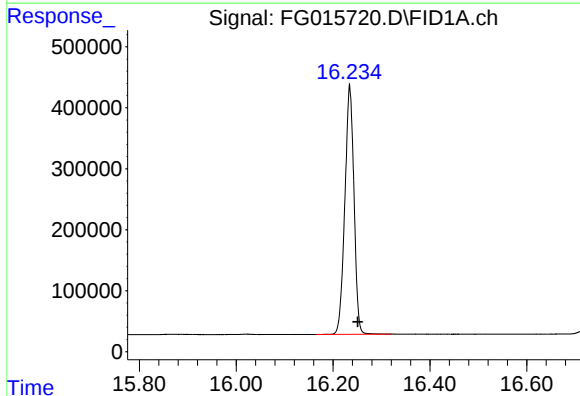
R.T.: 15.006 min
Delta R.T.: -0.016 min
Response: 4872320
Conc: 42.53 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



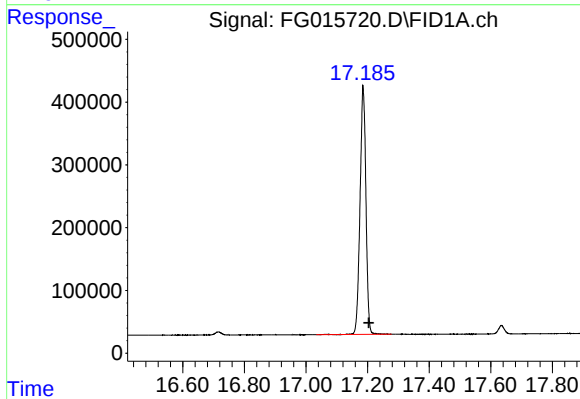
#10 N-TETRACOSANE

R.T.: 15.211 min
Delta R.T.: -0.017 min
Response: 5428102
Conc: 41.91 ug/ml



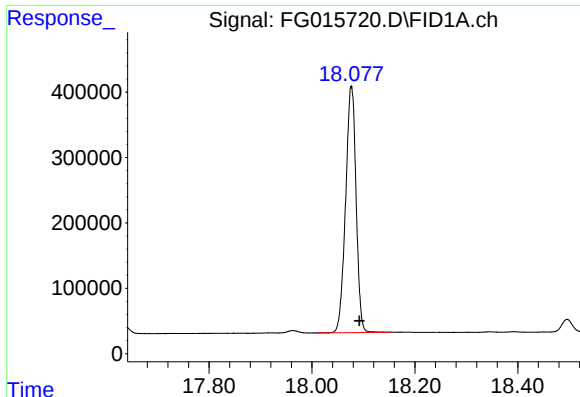
#11 N-HEXACOSANE

R.T.: 16.234 min
Delta R.T.: -0.017 min
Response: 5327707
Conc: 41.86 ug/ml



#12 N-OCTACOSANE

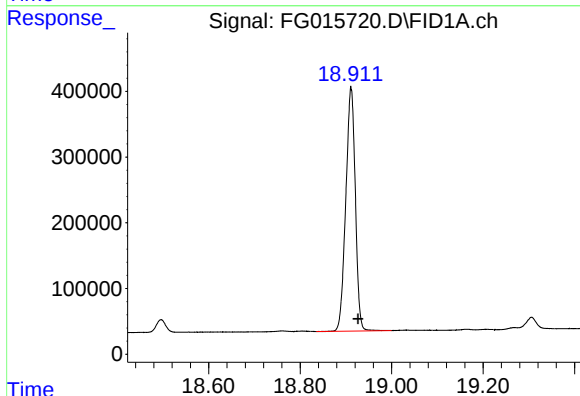
R.T.: 17.186 min
Delta R.T.: -0.018 min
Response: 5241735
Conc: 41.93 ug/ml



#13 N-TRIACONTANE

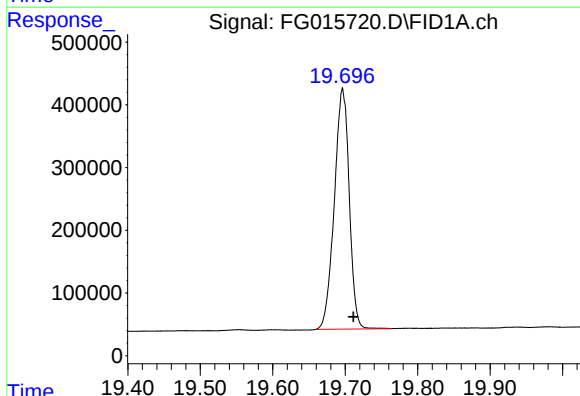
R.T.: 18.077 min
Delta R.T.: -0.016 min
Response: 5333251
Conc: 42.61 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



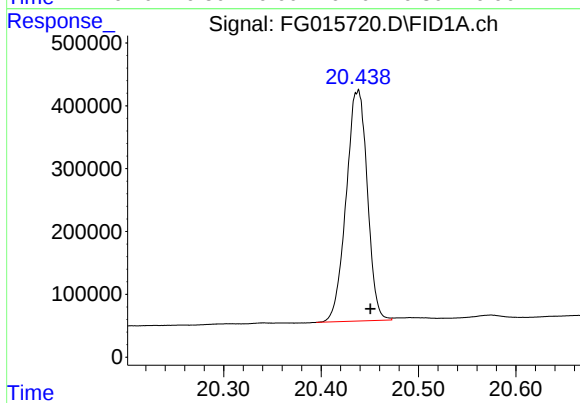
#14 N-DOTRIACONTANE

R.T.: 18.911 min
Delta R.T.: -0.015 min
Response: 5364547
Conc: 45.20 ug/ml



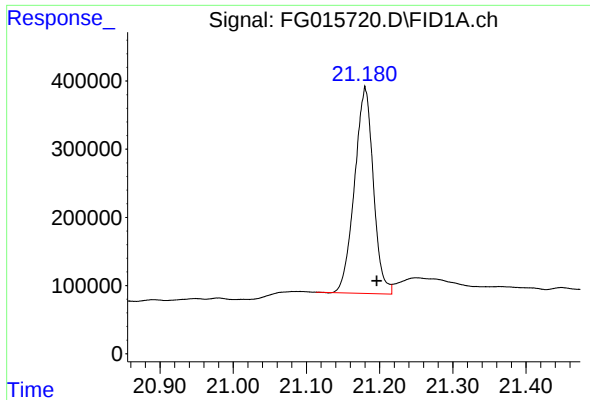
#15 N-TETRATRIACONTANE

R.T.: 19.696 min
Delta R.T.: -0.015 min
Response: 5489761
Conc: 52.60 ug/ml



#16 N-HEXATRIACONTANE

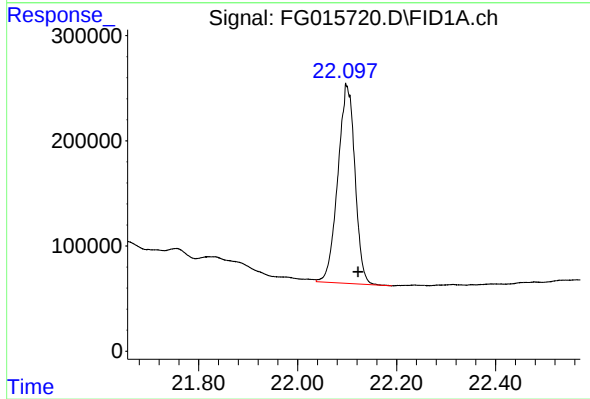
R.T.: 20.438 min
Delta R.T.: -0.013 min
Response: 5531816
Conc: 63.12 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.180 min
Delta R.T.: -0.016 min
Response: 5385915
Conc: 72.17 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.099 min
Delta R.T.: -0.023 min
Response: 4539136
Conc: 68.53 ug/ml