

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052325\
 Data File : FG015907.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2025 18:51
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: May 23 23:08:57 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...	14.984	5684077	46.377 ug/ml
Target Compounds			
1) N-OCTANE	1.961	4666531	39.687 ug/ml
2) N-DECANE	4.485	5420530	46.133 ug/ml
3) N-DODECANE	6.669	5697525	46.943 ug/ml
4) N-TETRADECANE	8.505	5835210	45.698 ug/ml
5) N-HEXADECANE	10.118	6076490	45.609 ug/ml
6) N-OCTADECANE	11.566	6321869	45.809 ug/ml
7) N-EICOSANE	12.880	6337775	44.861 ug/ml
8) N-DOCOSANE	14.082	6254786	45.534 ug/ml
10) N-TETRACOSANE	15.189	6261321	45.547 ug/ml
11) N-HEXACOSANE	16.212	6178660	45.475 ug/ml
12) N-OCTACOSANE	17.165	6283157	46.602 ug/ml
13) N-TRIACONTANE	18.054	6585503	48.264 ug/ml
14) N-DOTRIACONTANE	18.888	6438144	48.069 ug/ml
15) N-TETRATRIACONTANE	19.672	5360673	44.206 ug/ml
16) N-HEXATRIACONTANE	20.412	4196276	39.296 ug/ml
17) N-OCTATRIACONTANE	21.149	3495287	36.422 ug/ml
18) N-TETRACONTANE	22.058	3171396	36.058 ug/ml

(f)=RT Delta > 1/2 Window

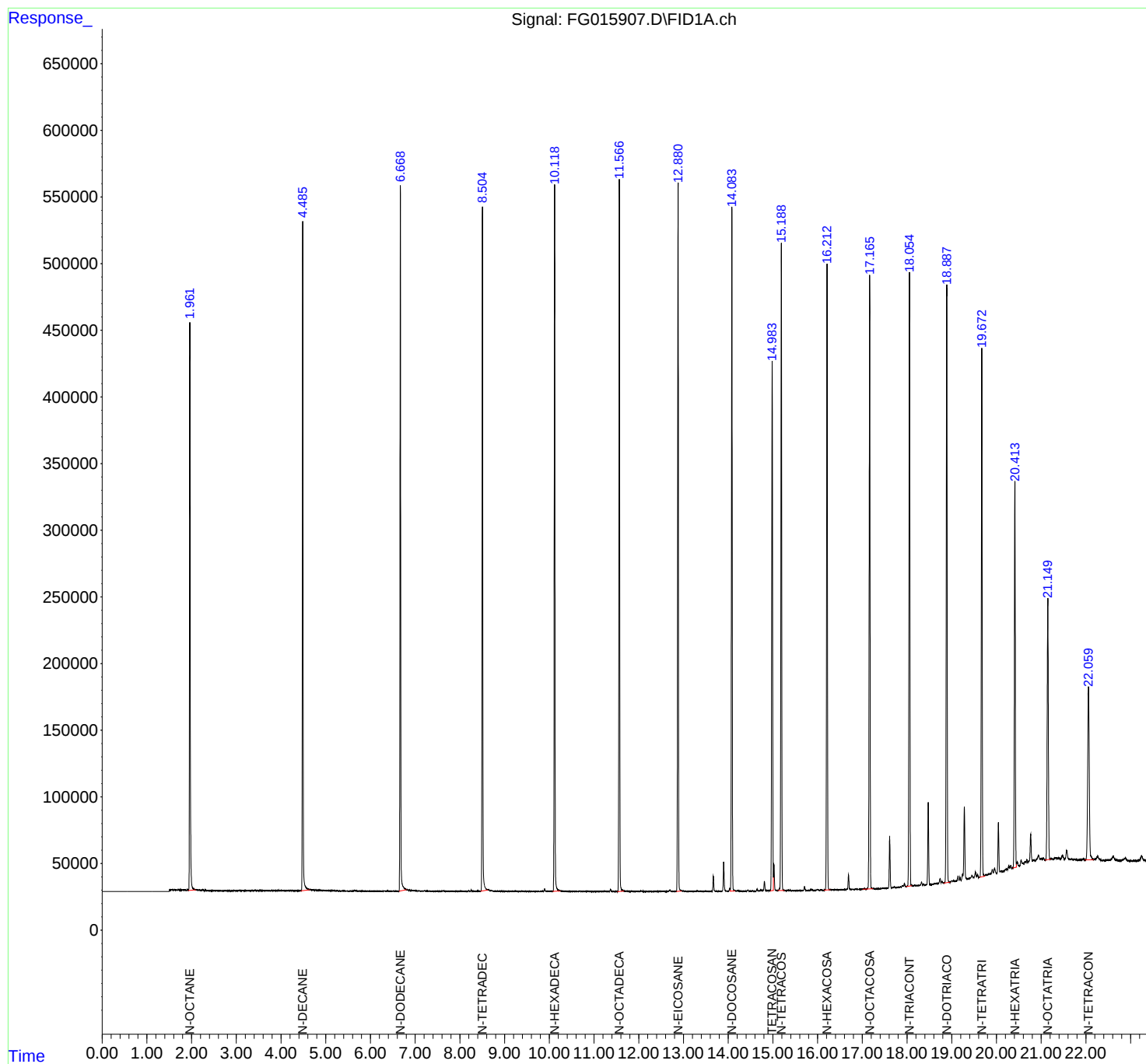
(m)=manual int.

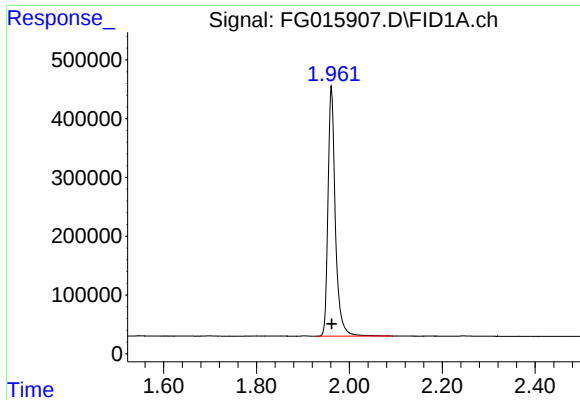
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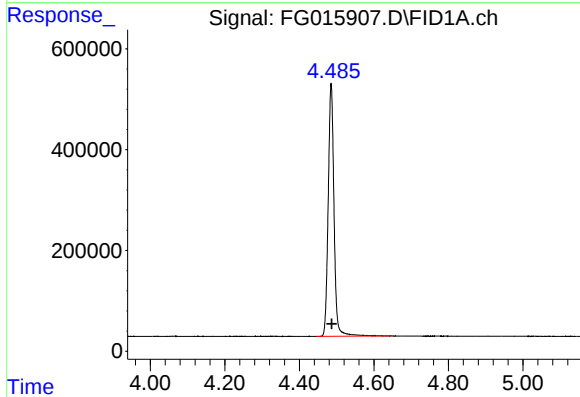




#1 N-OCTANE

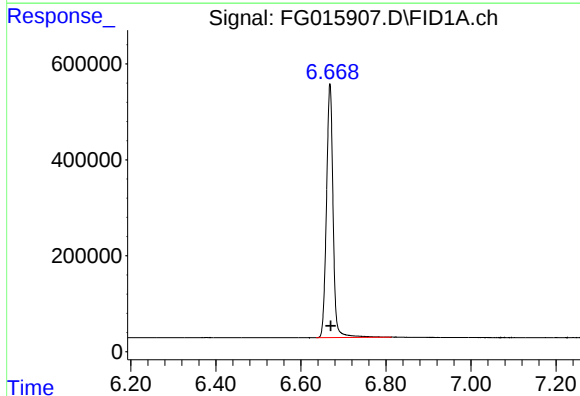
R.T.: 1.961 min
Delta R.T.: 0.000 min
Response: 4666531
Conc: 39.69 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



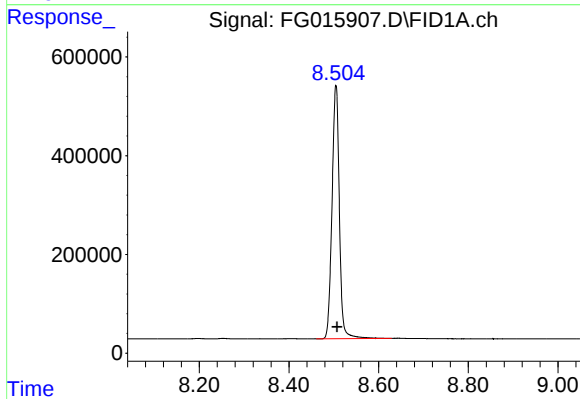
#2 N-DECANE

R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 5420530
Conc: 46.13 ug/ml



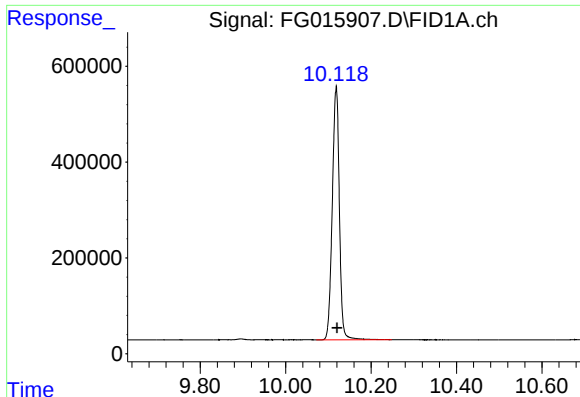
#3 N-DODECANE

R.T.: 6.669 min
Delta R.T.: -0.002 min
Response: 5697525
Conc: 46.94 ug/ml



#4 N-TETRADECANE

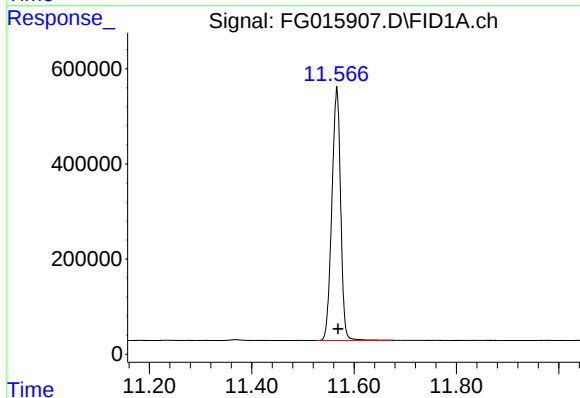
R.T.: 8.505 min
Delta R.T.: -0.002 min
Response: 5835210
Conc: 45.70 ug/ml



#5 N-HEXADECANE

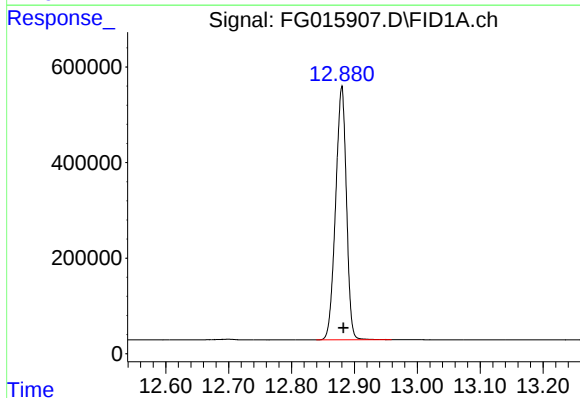
R.T.: 10.118 min
Delta R.T.: -0.002 min
Response: 6076490
Conc: 45.61 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



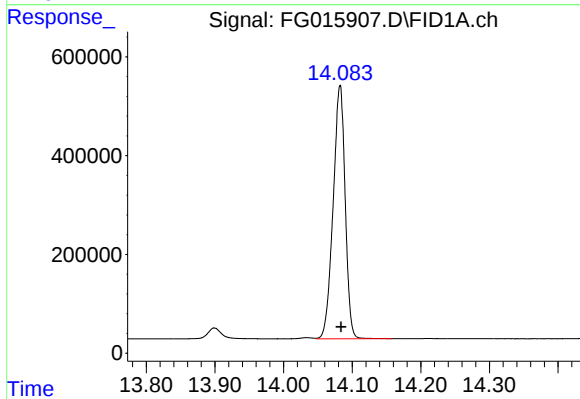
#6 N-OCTADECANE

R.T.: 11.566 min
Delta R.T.: -0.002 min
Response: 6321869
Conc: 45.81 ug/ml



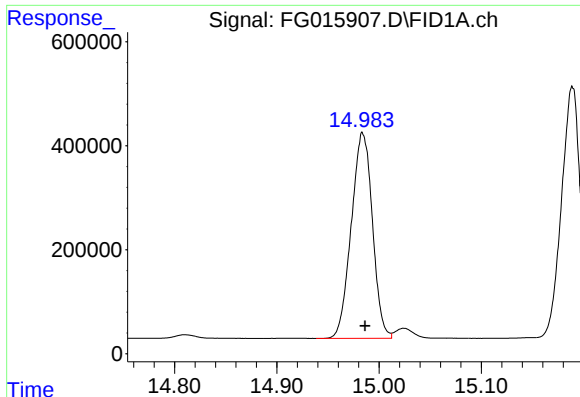
#7 N-EICOSANE

R.T.: 12.880 min
Delta R.T.: -0.003 min
Response: 6337775
Conc: 44.86 ug/ml



#8 N-DOCOSANE

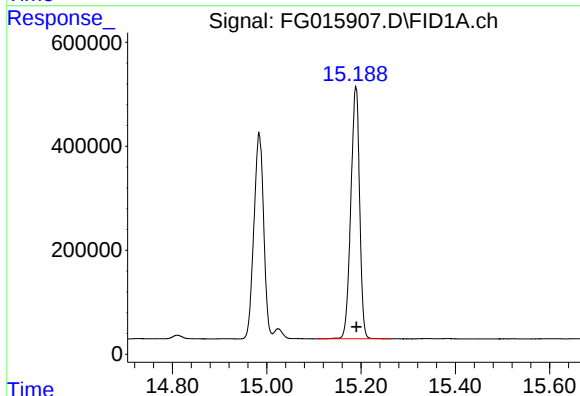
R.T.: 14.082 min
Delta R.T.: -0.001 min
Response: 6254786
Conc: 45.53 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

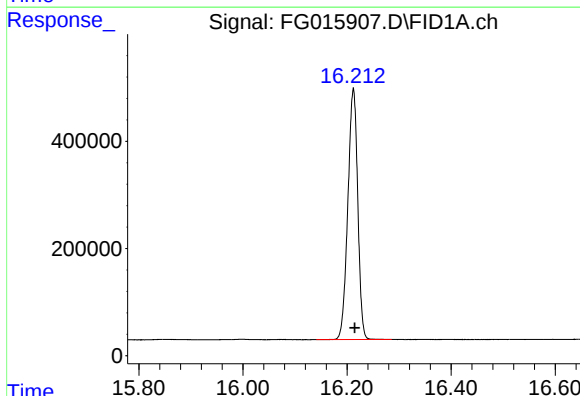
R.T.: 14.984 min
Delta R.T.: -0.002 min
Response: 5684077
Conc: 46.38 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



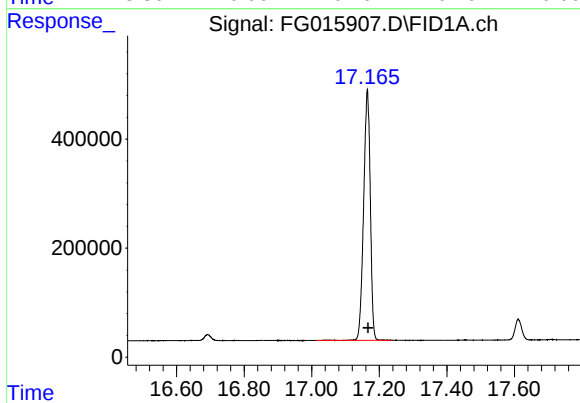
#10 N-TETRACOSANE

R.T.: 15.189 min
Delta R.T.: -0.001 min
Response: 6261321
Conc: 45.55 ug/ml



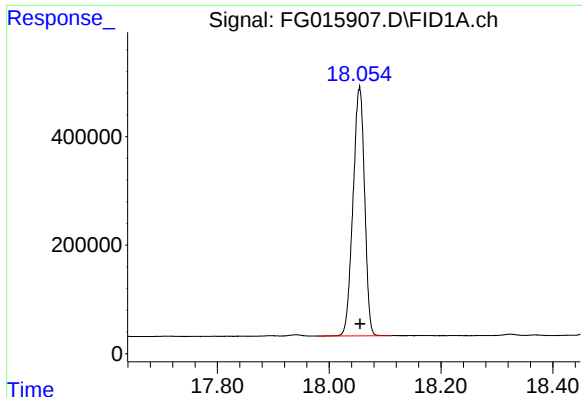
#11 N-HEXACOSANE

R.T.: 16.212 min
Delta R.T.: -0.002 min
Response: 6178660
Conc: 45.48 ug/ml



#12 N-OCTACOSANE

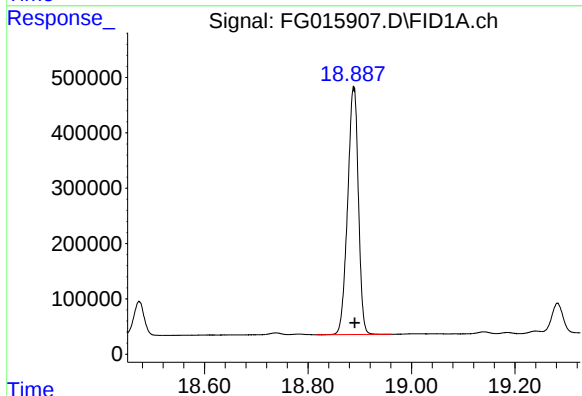
R.T.: 17.165 min
Delta R.T.: -0.002 min
Response: 6283157
Conc: 46.60 ug/ml



#13 N-TRIACONTANE

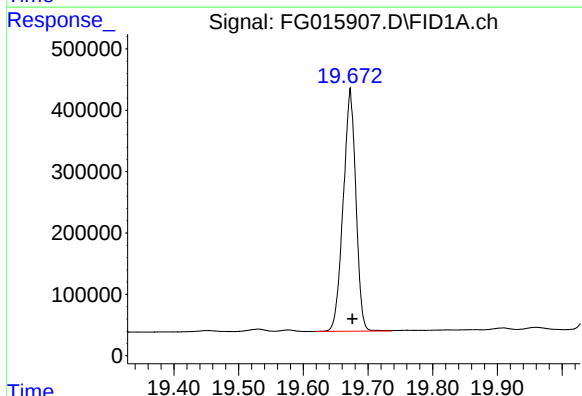
R.T.: 18.054 min
Delta R.T.: -0.001 min
Response: 6585503
Conc: 48.26 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



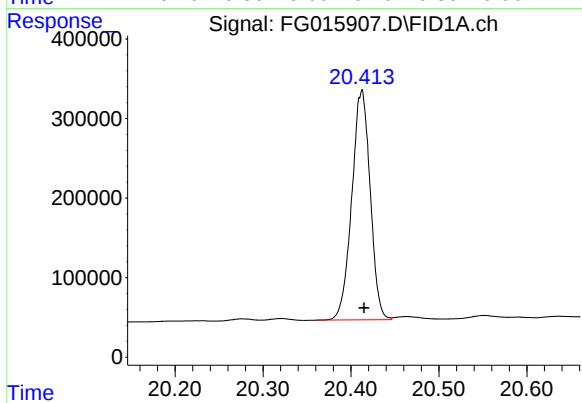
#14 N-DOTRIACONTANE

R.T.: 18.888 min
Delta R.T.: -0.002 min
Response: 6438144
Conc: 48.07 ug/ml



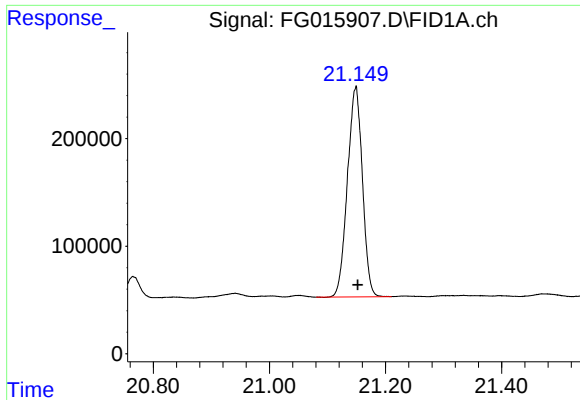
#15 N-TETRATRIACONTANE

R.T.: 19.672 min
Delta R.T.: -0.003 min
Response: 5360673
Conc: 44.21 ug/ml



#16 N-HEXATRIACONTANE

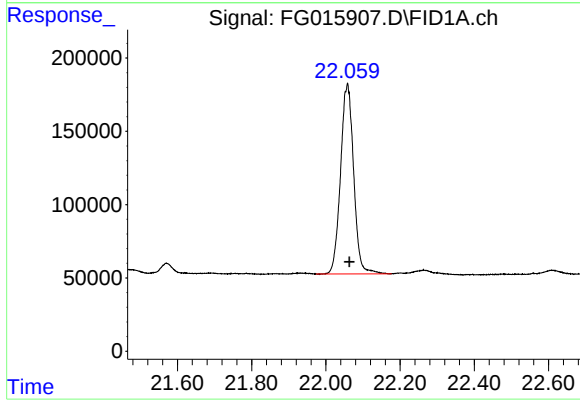
R.T.: 20.412 min
Delta R.T.: -0.003 min
Response: 4196276
Conc: 39.30 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.149 min
Delta R.T.: -0.004 min
Response: 3495287
Conc: 36.42 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.058 min
Delta R.T.: -0.005 min
Response: 3171396
Conc: 36.06 ug/ml