

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
 Data File : FG016366.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 11:20
 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: Aug 26 06:42:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.208	5391578	56.590 ug/ml
Target Compounds			
1) N-OCTANE	2.121	5718991	53.892 ug/ml
2) N-DECANE	4.670	6104930	56.493 ug/ml
3) N-DODECANE	6.854	6191823	56.974 ug/ml
4) N-TETRADECANE	8.697	6233700	57.012 ug/ml
5) N-HEXADECANE	10.318	6290328	57.870 ug/ml
6) N-OCTADECANE	11.772	6415640	57.999 ug/ml
7) N-EICOSANE	13.094	6438469	56.965 ug/ml
8) N-DOCOSANE	14.303	6252470	56.913 ug/ml
10) N-TETRACOSANE	15.415	6214608	56.717 ug/ml
11) N-HEXACOSANE	16.444	6164988	57.645 ug/ml
12) N-OCTACOSANE	17.403	6093607	56.563 ug/ml
13) N-TRIACONTANE	18.297	6283672	57.670 ug/ml
14) N-DOTRIACONTANE	19.136	6149666	58.384 ug/ml
15) N-TETRATRIACONTANE	19.925	5358391	56.235 ug/ml
16) N-HEXATRIACONTANE	20.669	4386108	58.701 ug/ml
17) N-OCTATRIACONTANE	21.465	3613452	60.266 ug/ml
18) N-TETRACONTANE	22.478	2982584	70.960 ug/ml

(f)=RT Delta > 1/2 Window

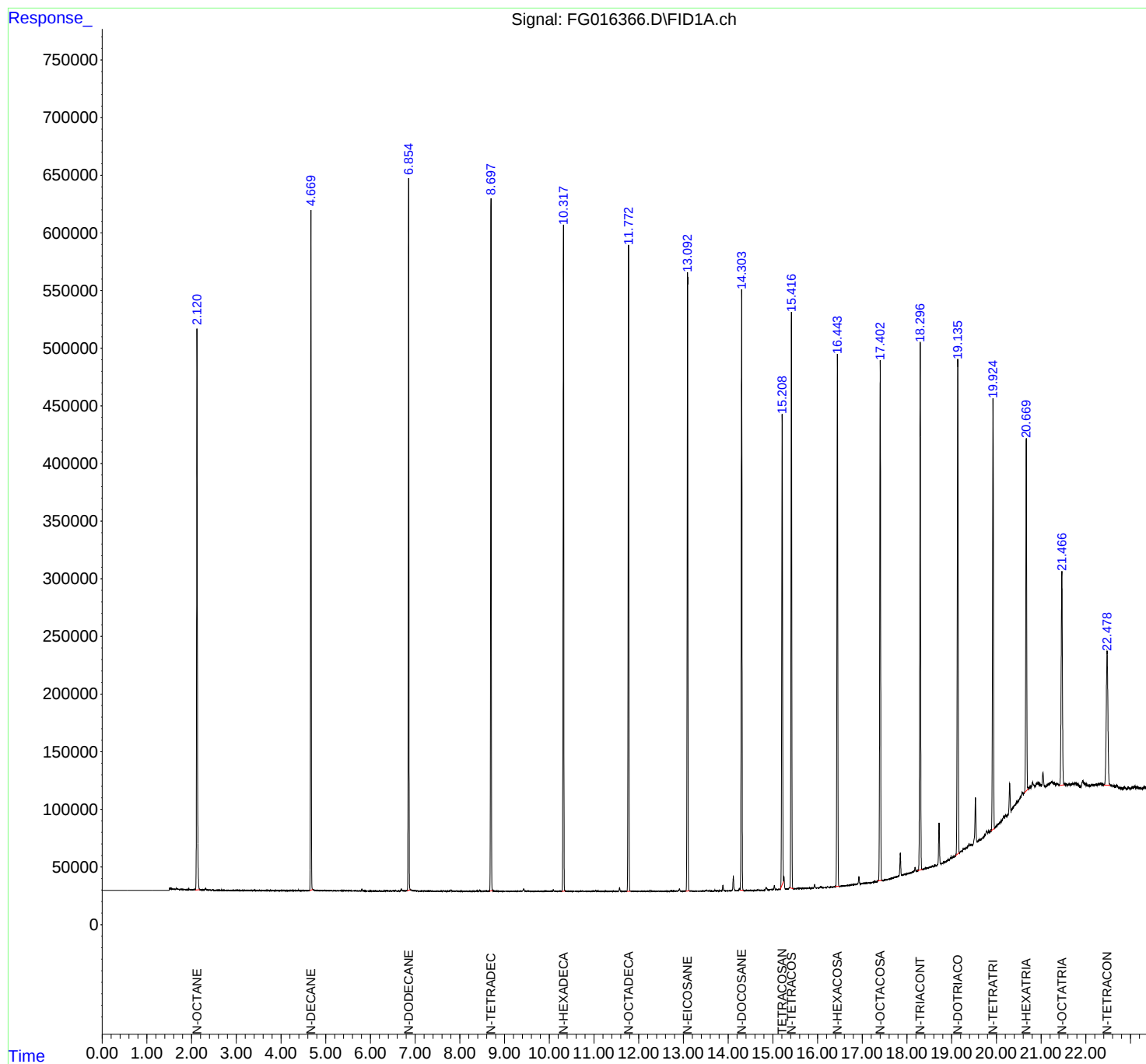
(m)=manual int.

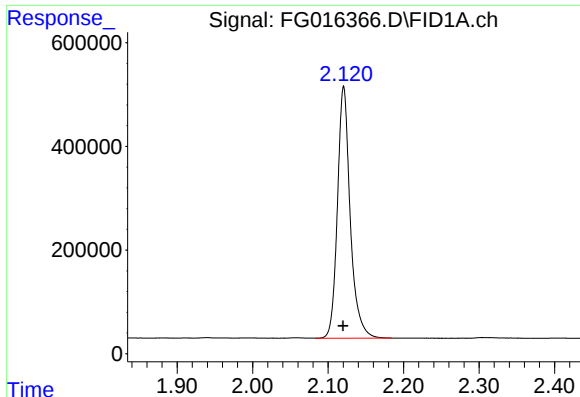
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Signal Info : 20mx0.18mmx0.18um

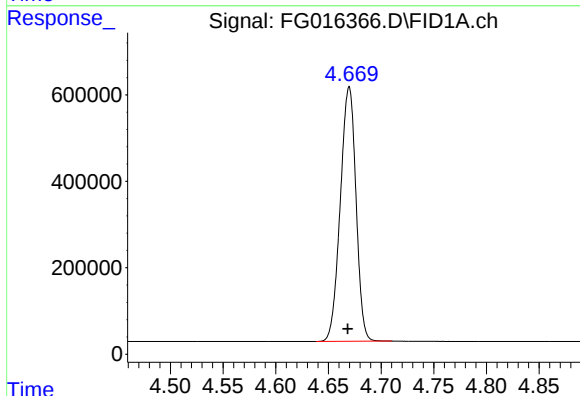




#1 N-OCTANE

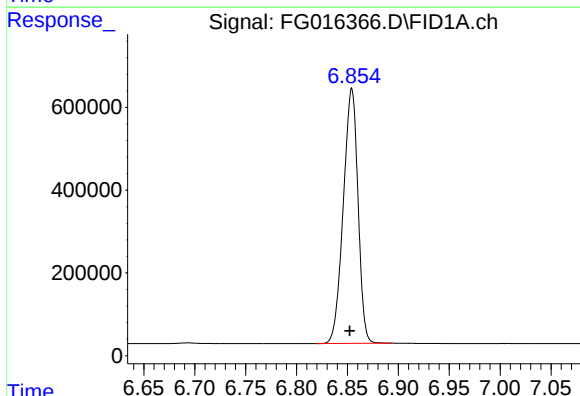
R.T.: 2.121 min
Delta R.T.: 0.000 min
Response: 5718991
Conc: 53.89 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



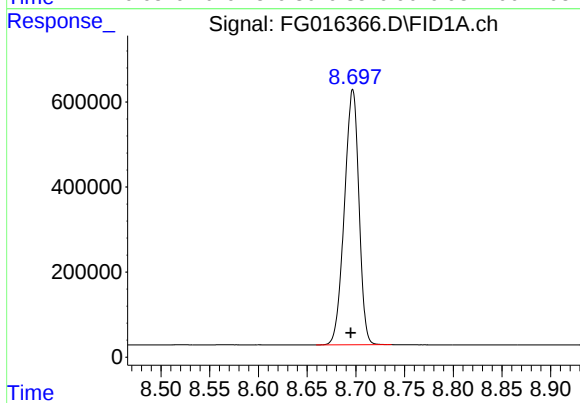
#2 N-DECANE

R.T.: 4.670 min
Delta R.T.: 0.001 min
Response: 6104930
Conc: 56.49 ug/ml



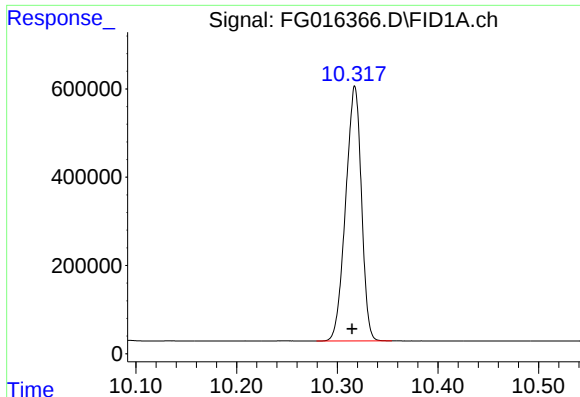
#3 N-DODECANE

R.T.: 6.854 min
Delta R.T.: 0.002 min
Response: 6191823
Conc: 56.97 ug/ml



#4 N-TETRADECANE

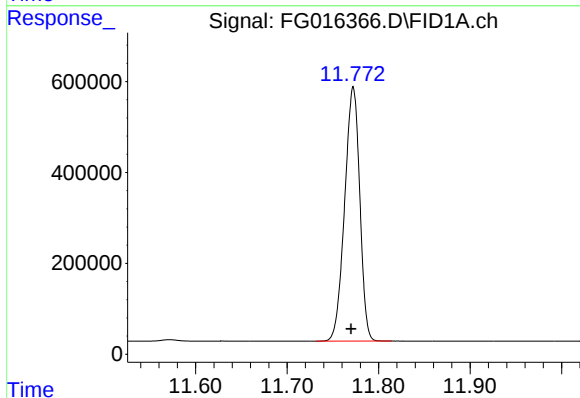
R.T.: 8.697 min
Delta R.T.: 0.002 min
Response: 6233700
Conc: 57.01 ug/ml



#5 N-HEXADECANE

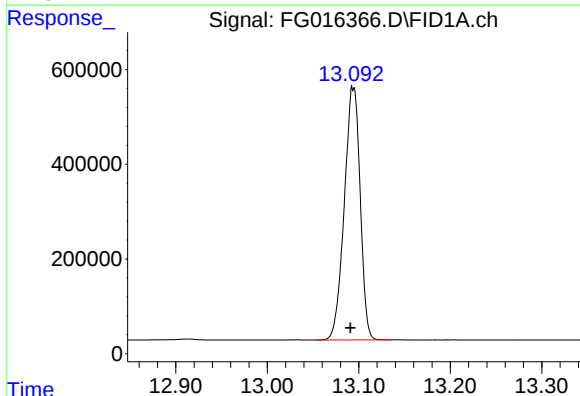
R.T.: 10.318 min
Delta R.T.: 0.003 min
Response: 6290328
Conc: 57.87 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



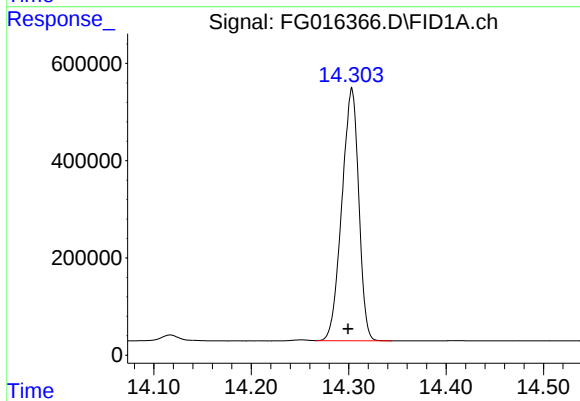
#6 N-OCTADECANE

R.T.: 11.772 min
Delta R.T.: 0.003 min
Response: 6415640
Conc: 58.00 ug/ml



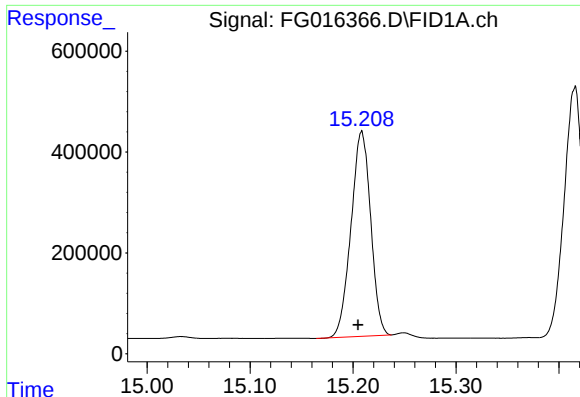
#7 N-EICOSANE

R.T.: 13.094 min
Delta R.T.: 0.003 min
Response: 6438469
Conc: 56.96 ug/ml



#8 N-DOCOSANE

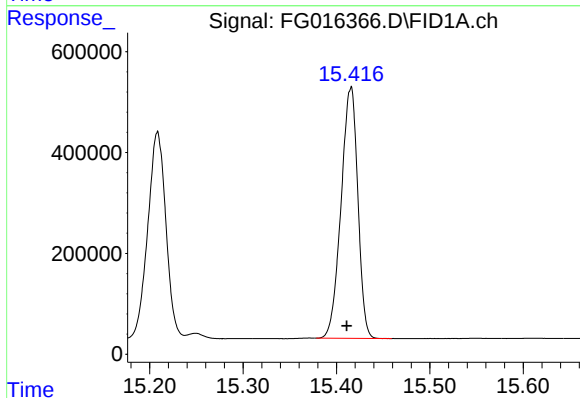
R.T.: 14.303 min
Delta R.T.: 0.004 min
Response: 6252470
Conc: 56.91 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

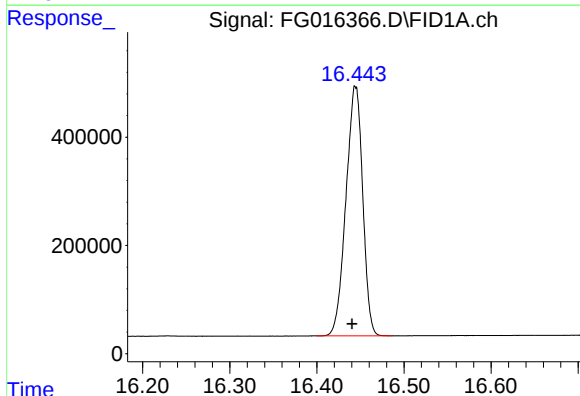
R.T.: 15.208 min
Delta R.T.: 0.003 min
Response: 5391578
Conc: 56.59 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



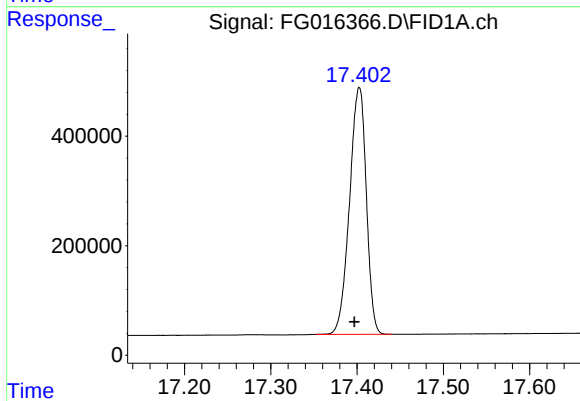
#10 N-TETRACOSANE

R.T.: 15.415 min
Delta R.T.: 0.004 min
Response: 6214608
Conc: 56.72 ug/ml



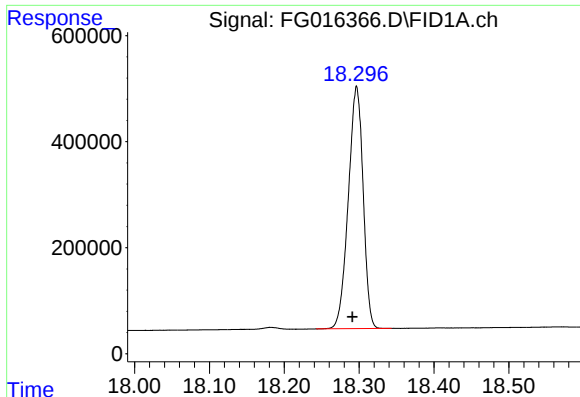
#11 N-HEXACOSANE

R.T.: 16.444 min
Delta R.T.: 0.004 min
Response: 6164988
Conc: 57.64 ug/ml



#12 N-OCTACOSANE

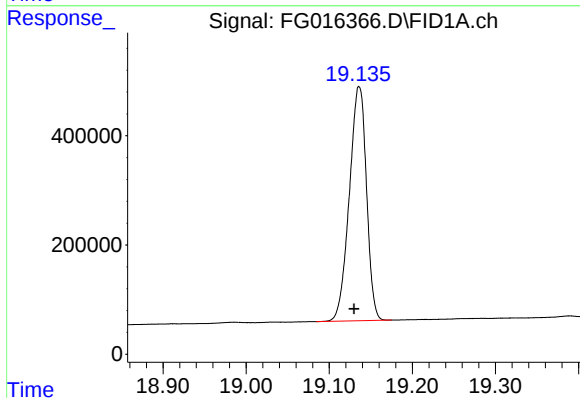
R.T.: 17.403 min
Delta R.T.: 0.006 min
Response: 6093607
Conc: 56.56 ug/ml



#13 N-TRIACONTANE

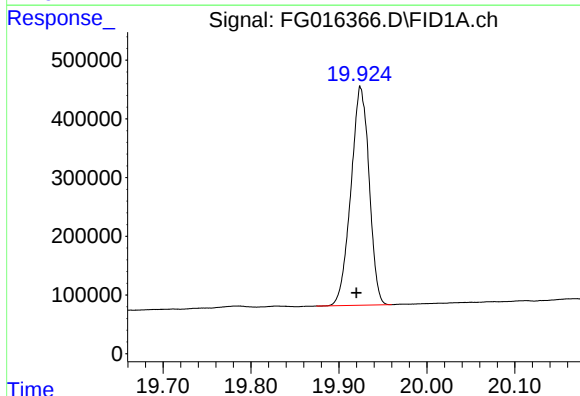
R.T.: 18.297 min
Delta R.T.: 0.006 min
Response: 6283672
Conc: 57.67 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



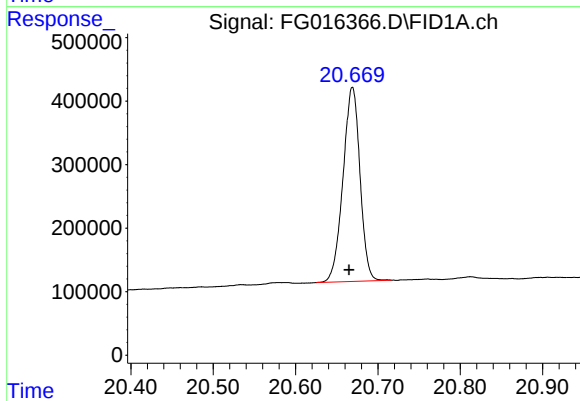
#14 N-DOTRIACONTANE

R.T.: 19.136 min
Delta R.T.: 0.006 min
Response: 6149666
Conc: 58.38 ug/ml



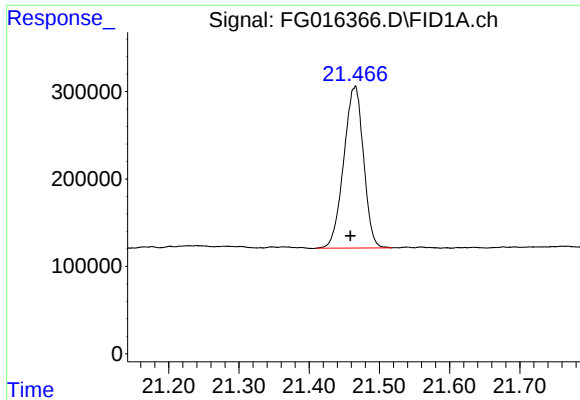
#15 N-TETRATRIACONTANE

R.T.: 19.925 min
Delta R.T.: 0.005 min
Response: 5358391
Conc: 56.23 ug/ml



#16 N-HEXATRIACONTANE

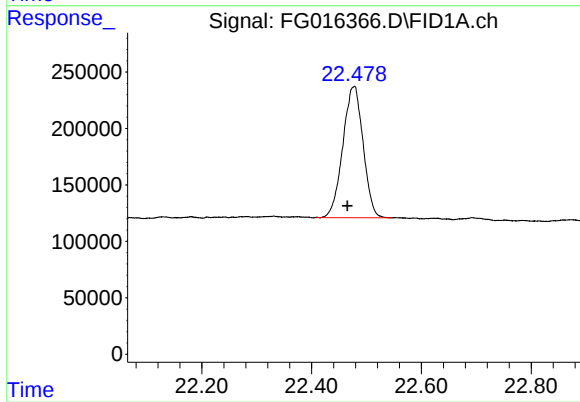
R.T.: 20.669 min
Delta R.T.: 0.004 min
Response: 4386108
Conc: 58.70 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.465 min
Delta R.T.: 0.007 min
Response: 3613452
Conc: 60.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.478 min
Delta R.T.: 0.012 min
Response: 2982584
Conc: 70.96 ug/ml