

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080625\
 Data File : FG016353.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2025 10:05
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 07 04:34:01 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...	15.206	4784787	50.221 ug/ml
Target Compounds			
1) N-OCTANE	2.118	5007849	47.191 ug/ml
2) N-DECANE	4.669	5325144	49.277 ug/ml
3) N-DODECANE	6.854	5388387	49.581 ug/ml
4) N-TETRADECANE	8.695	5409897	49.478 ug/ml
5) N-HEXADECANE	10.315	5457794	50.211 ug/ml
6) N-OCTADECANE	11.770	5584676	50.487 ug/ml
7) N-EICOSANE	13.092	5635577	49.861 ug/ml
8) N-DOCOSANE	14.300	5516905	50.218 ug/ml
10) N-TETRACOSANE	15.411	5539409	50.555 ug/ml
11) N-HEXACOSANE	16.441	5570773	52.089 ug/ml
12) N-OCTACOSANE	17.398	5582496	51.818 ug/ml
13) N-TRIACONTANE	18.293	5808806	53.312 ug/ml
14) N-DOTRIACONTANE	19.131	5762369	54.707 ug/ml
15) N-TETRATRIACONTANE	19.920	5093946	53.459 ug/ml
16) N-HEXATRIACONTANE	20.663	4170203	55.811 ug/ml
17) N-OCTATRIACONTANE	21.456	3370911	56.221 ug/ml
18) N-TETRACONTANE	22.466	2787628	66.322 ug/ml

(f)=RT Delta > 1/2 Window

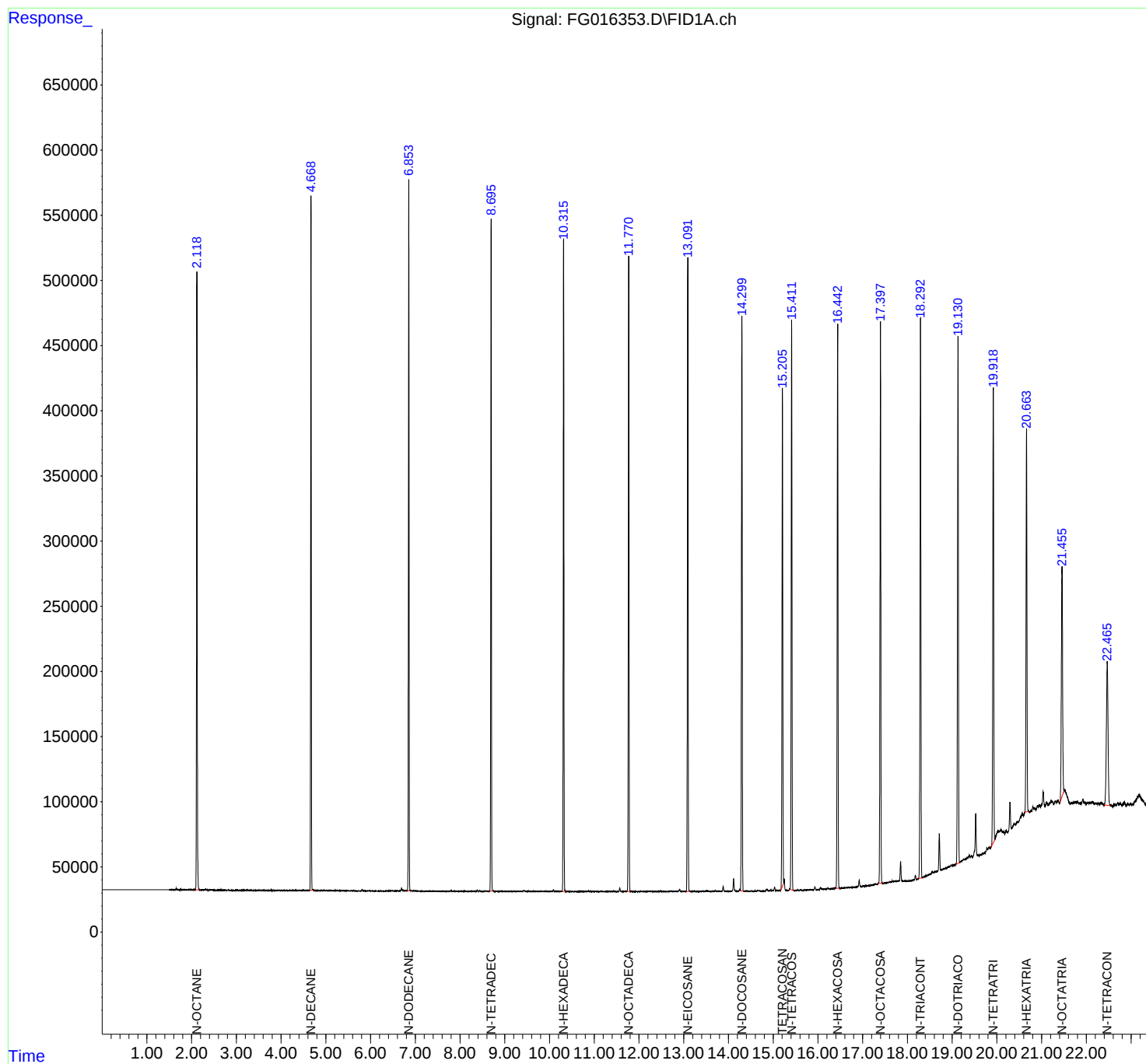
(m)=manual int.

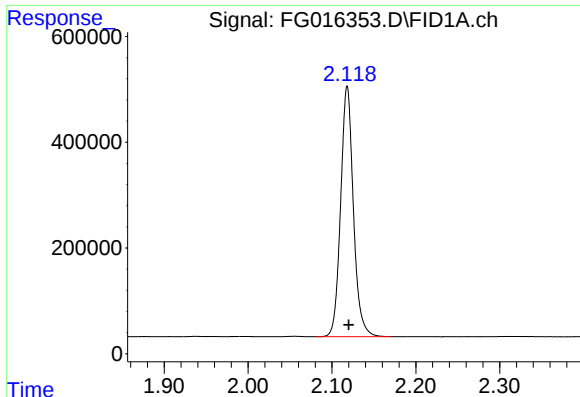
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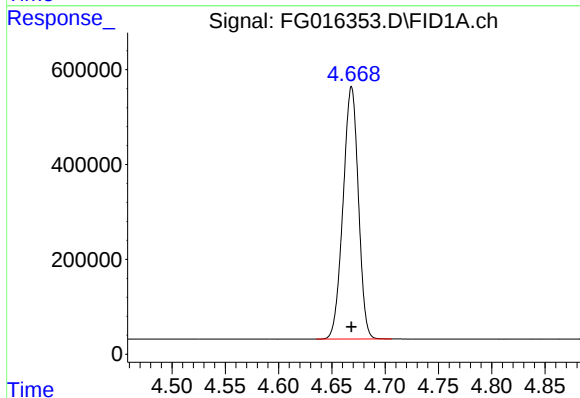




#1 N-OCTANE

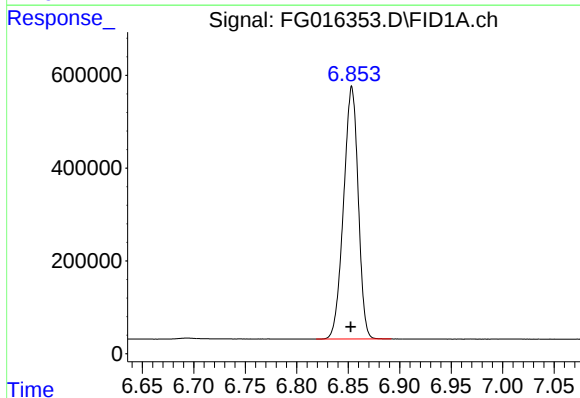
R.T.: 2.118 min
Delta R.T.: -0.002 min
Response: 5007849
Conc: 47.19 ug/ml

Instrument :
FID_G
ClientSampleId :



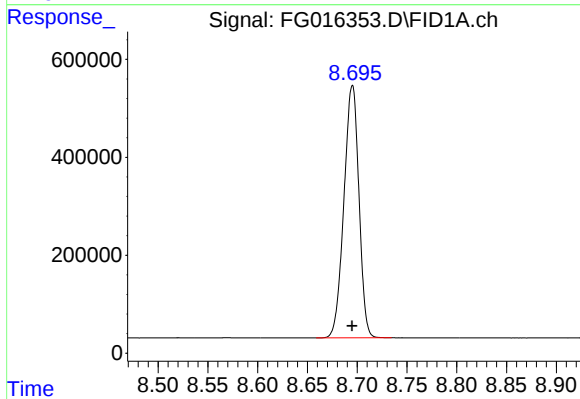
#2 N-DECANE

R.T.: 4.669 min
Delta R.T.: 0.000 min
Response: 5325144
Conc: 49.28 ug/ml



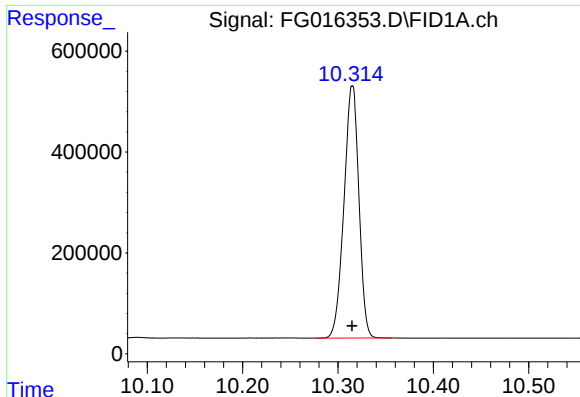
#3 N-DODECANE

R.T.: 6.854 min
Delta R.T.: 0.001 min
Response: 5388387
Conc: 49.58 ug/ml



#4 N-TETRADECANE

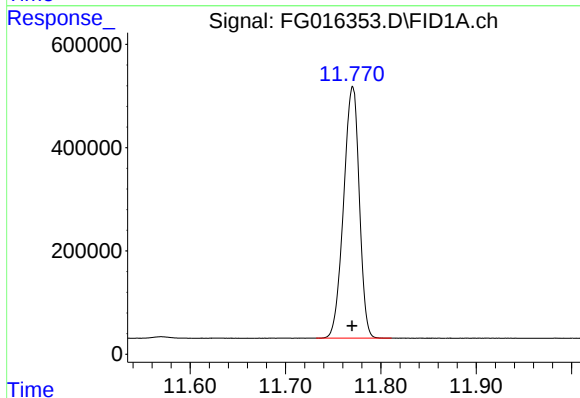
R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 5409897
Conc: 49.48 ug/ml



#5 N-HEXADECANE

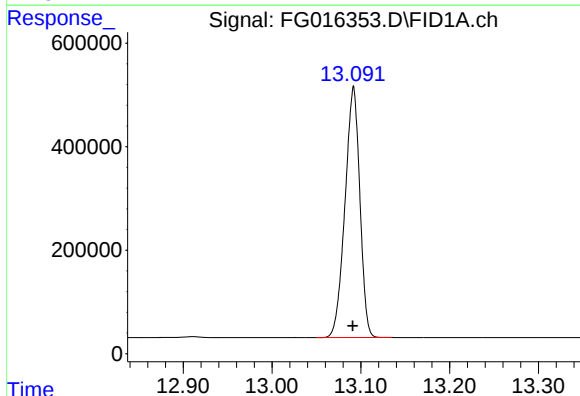
R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 5457794
Conc: 50.21 ug/ml

Instrument :
FID_G
ClientSampleId :



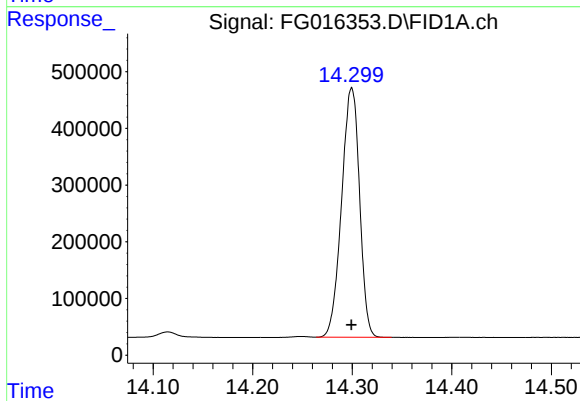
#6 N-OCTADECANE

R.T.: 11.770 min
Delta R.T.: 0.000 min
Response: 5584676
Conc: 50.49 ug/ml



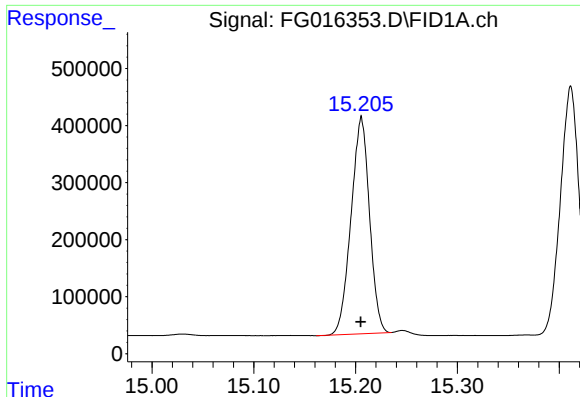
#7 N-EICOSANE

R.T.: 13.092 min
Delta R.T.: 0.001 min
Response: 5635577
Conc: 49.86 ug/ml



#8 N-DOCOSANE

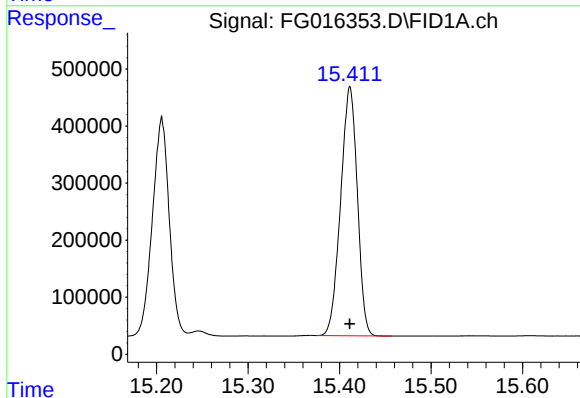
R.T.: 14.300 min
Delta R.T.: 0.000 min
Response: 5516905
Conc: 50.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

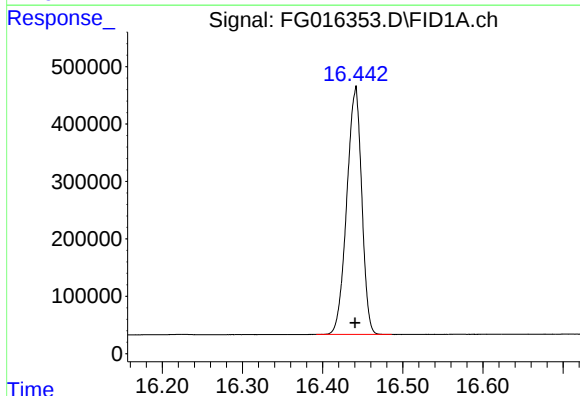
R.T.: 15.206 min
Delta R.T.: 0.000 min
Response: 4784787
Conc: 50.22 ug/ml

Instrument :
FID_G
ClientSampleId :



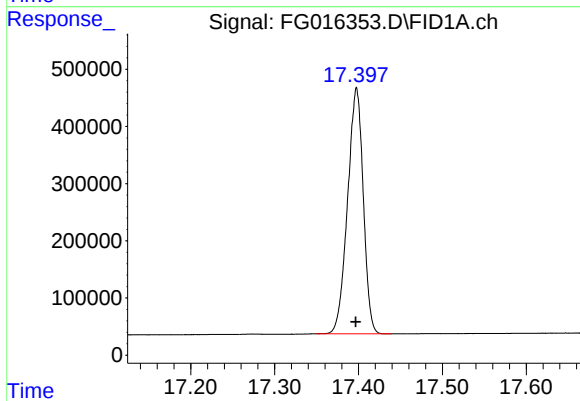
#10 N-TETRACOSANE

R.T.: 15.411 min
Delta R.T.: 0.000 min
Response: 5539409
Conc: 50.56 ug/ml



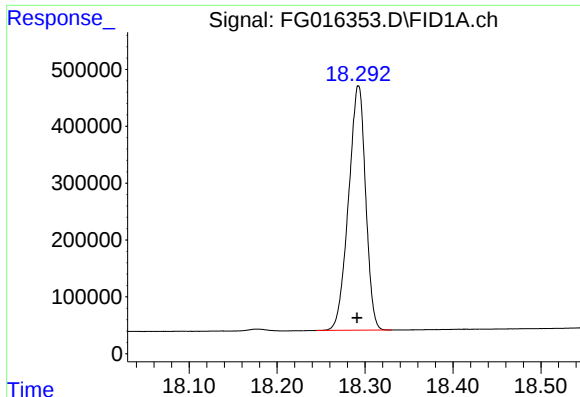
#11 N-HEXACOSANE

R.T.: 16.441 min
Delta R.T.: 0.000 min
Response: 5570773
Conc: 52.09 ug/ml



#12 N-OCTACOSANE

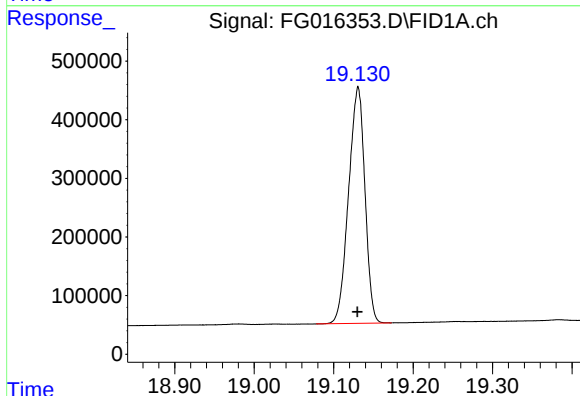
R.T.: 17.398 min
Delta R.T.: 0.000 min
Response: 5582496
Conc: 51.82 ug/ml



#13 N-TRIACONTANE

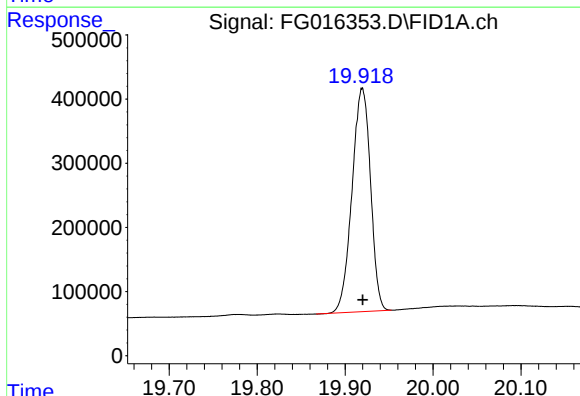
R.T.: 18.293 min
Delta R.T.: 0.002 min
Response: 5808806
Conc: 53.31 ug/ml

Instrument :
FID_G
ClientSampleId :



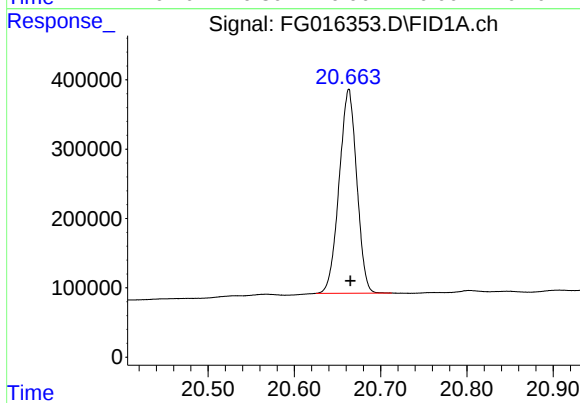
#14 N-DOTRIACONTANE

R.T.: 19.131 min
Delta R.T.: 0.000 min
Response: 5762369
Conc: 54.71 ug/ml



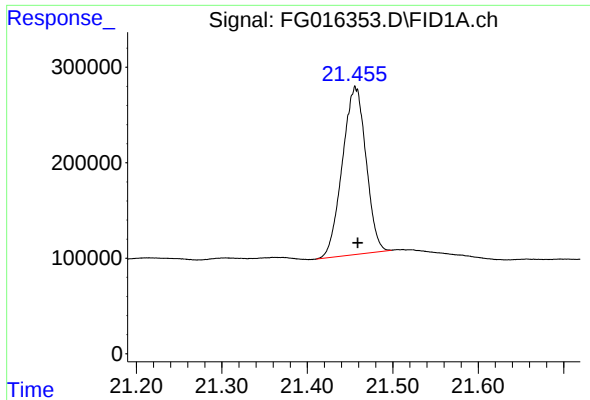
#15 N-TETRATRIACONTANE

R.T.: 19.920 min
Delta R.T.: 0.000 min
Response: 5093946
Conc: 53.46 ug/ml



#16 N-HEXATRIACONTANE

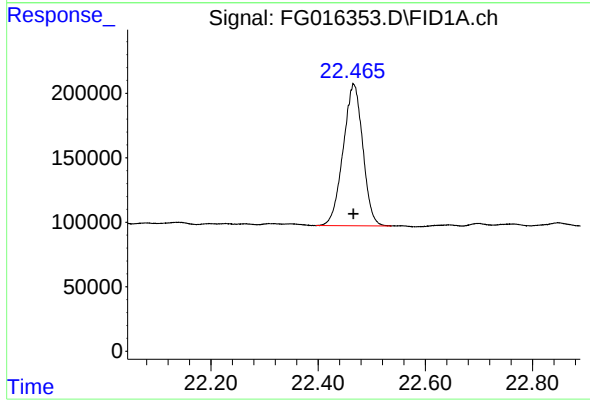
R.T.: 20.663 min
Delta R.T.: -0.002 min
Response: 4170203
Conc: 55.81 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.456 min
Delta R.T.: -0.003 min
Response: 3370911
Conc: 56.22 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.466 min
Delta R.T.: 0.000 min
Response: 2787628
Conc: 66.32 ug/ml