

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070325\
 Data File : FF016095.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2025 12:17
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 04 03:48:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Quant Title :
 QLast Update : Fri Jun 13 15:23:30 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...	15.105	6712510	55.593 ug/ml
Target Compounds			
1) N-OCTANE	2.081	6776687	53.406 ug/ml
2) N-DECANE	4.621	7401434	56.490 ug/ml
3) N-DODECANE	6.799	7568702	56.840 ug/ml
4) N-TETRADECANE	8.632	7691540	57.389 ug/ml
5) N-HEXADECANE	10.243	7772887	57.553 ug/ml
6) N-OCTADECANE	11.688	7936662	57.250 ug/ml
7) N-EICOSANE	13.002	8003571	57.317 ug/ml
8) N-DOCOSANE	14.203	7709043	56.739 ug/ml
10) N-TETRACOSANE	15.310	7625270	56.263 ug/ml
11) N-HEXACOSANE	16.333	7463601	55.601 ug/ml
12) N-OCTACOSANE	17.287	7388204	55.963 ug/ml
13) N-TRIACONTANE	18.176	7621936	57.714 ug/ml
14) N-DOTRIACONTANE	19.013	7480095	58.793 ug/ml
15) N-TETRATRIACONTANE	19.798	6805276	60.853 ug/ml
16) N-HEXATRIACONTANE	20.538	5990801	64.076 ug/ml
17) N-OCTATRIACONTANE	21.307	5409469	66.619 ug/ml
18) N-TETRACONTANE	22.270	3686446	52.566 ug/ml

(f)=RT Delta > 1/2 Window

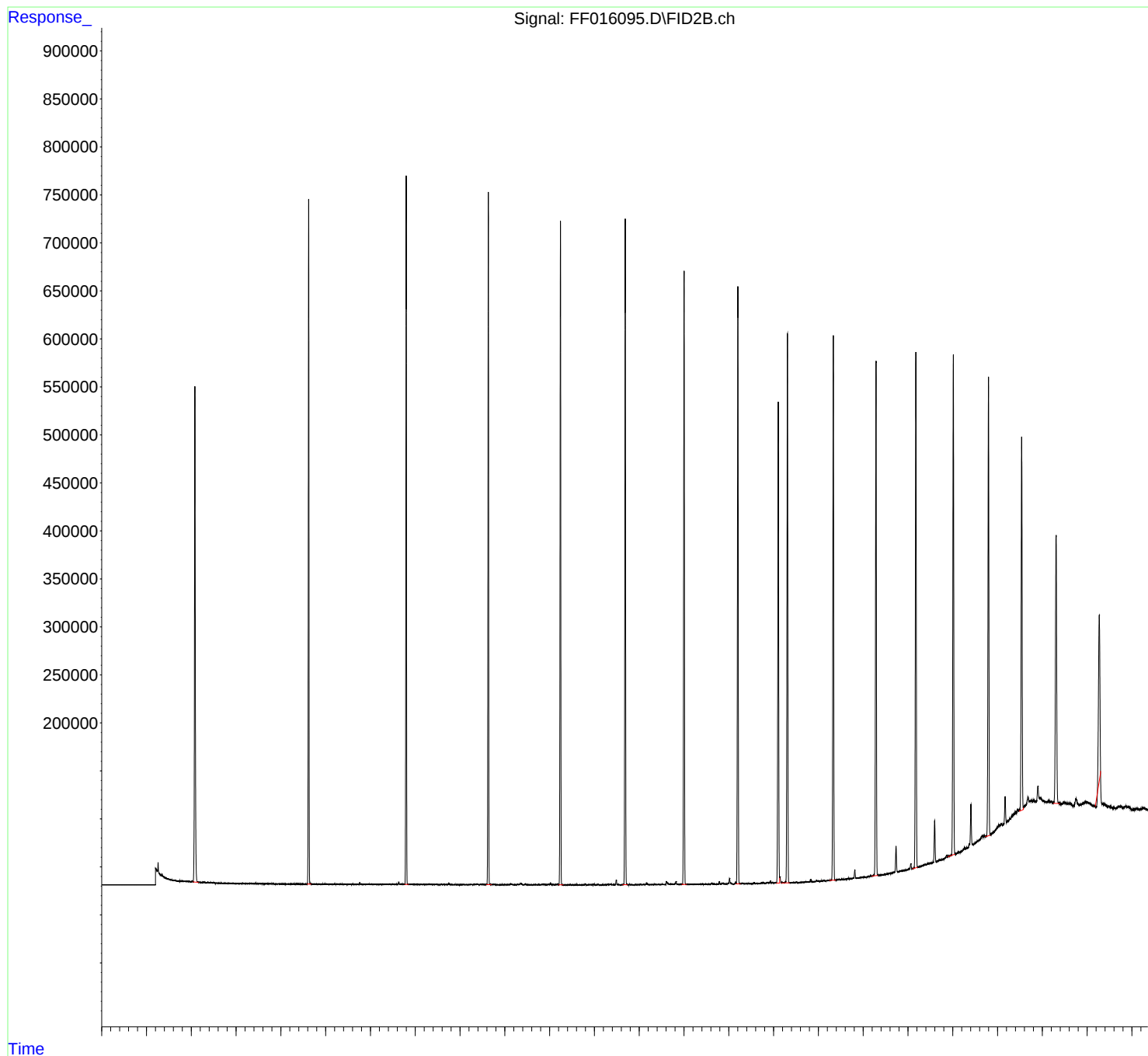
(m)=manual int.

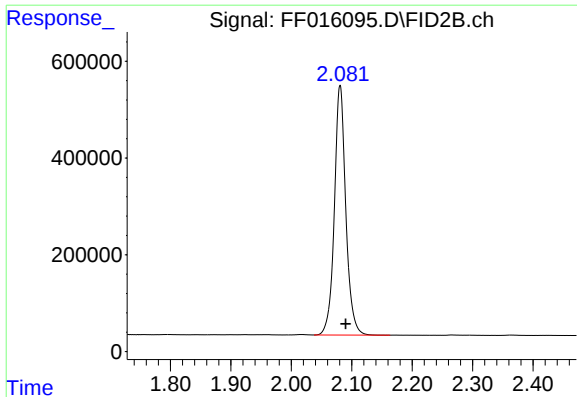
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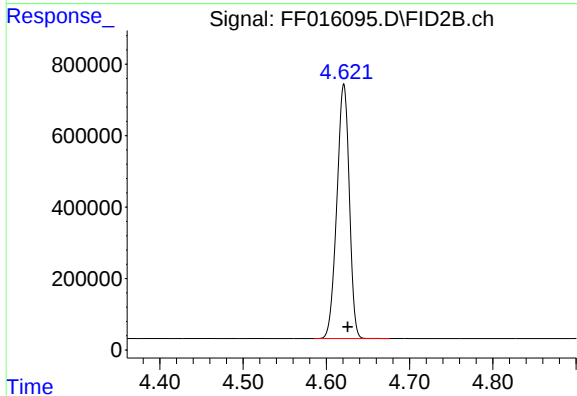




#1 N-OCTANE

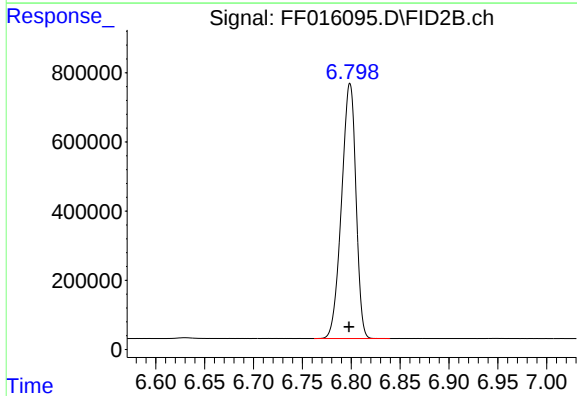
R.T.: 2.081 min
Delta R.T.: -0.009 min
Response: 6776687
Conc: 53.41 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



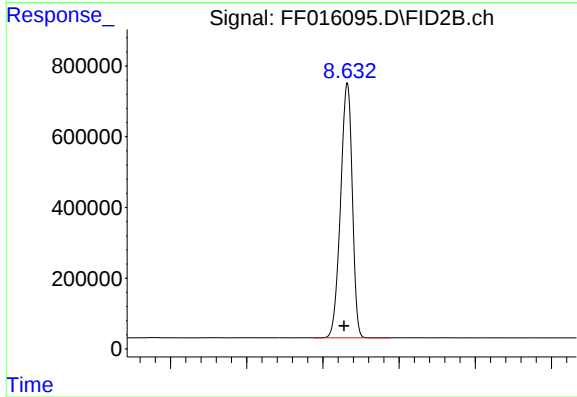
#2 N-DECANE

R.T.: 4.621 min
Delta R.T.: -0.004 min
Response: 7401434
Conc: 56.49 ug/ml



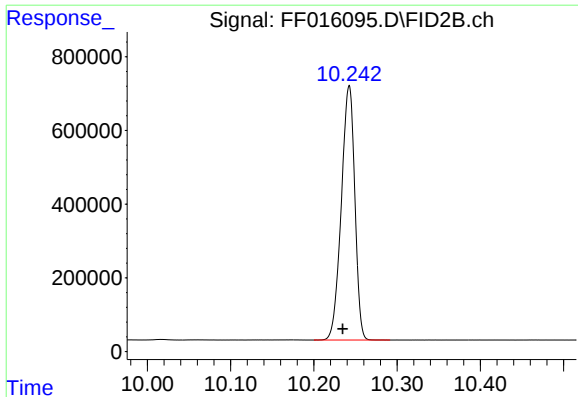
#3 N-DODECANE

R.T.: 6.799 min
Delta R.T.: 0.001 min
Response: 7568702
Conc: 56.84 ug/ml



#4 N-TETRADECANE

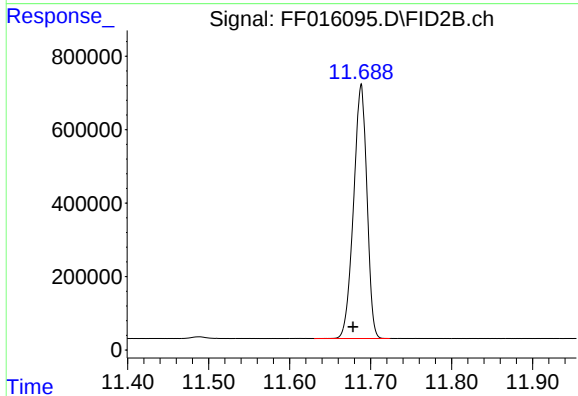
R.T.: 8.632 min
Delta R.T.: 0.005 min
Response: 7691540
Conc: 57.39 ug/ml



#5 N-HEXADECANE

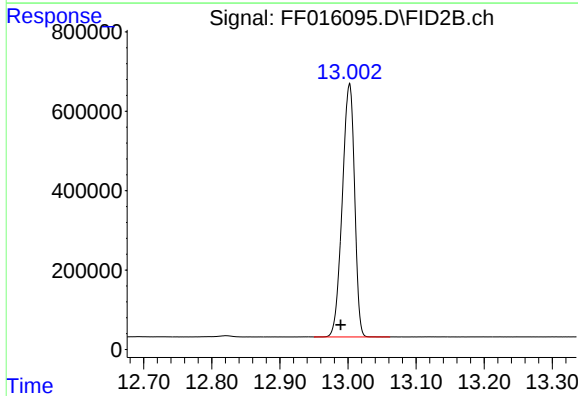
R.T.: 10.243 min
Delta R.T.: 0.008 min
Response: 7772887
Conc: 57.55 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



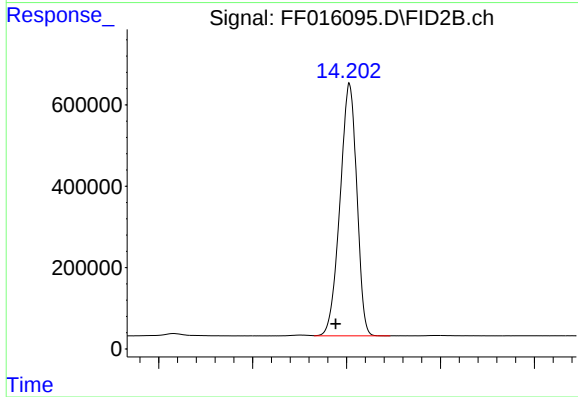
#6 N-OCTADECANE

R.T.: 11.688 min
Delta R.T.: 0.010 min
Response: 7936662
Conc: 57.25 ug/ml



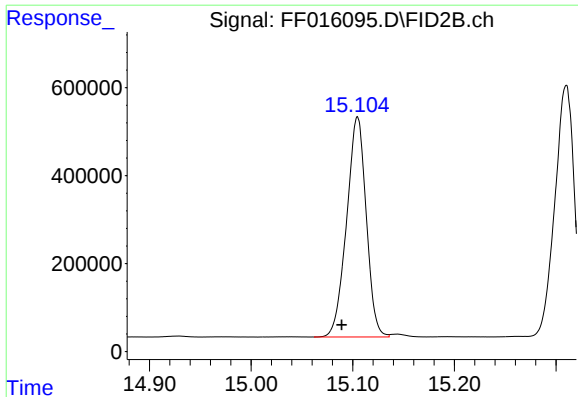
#7 N-EICOSANE

R.T.: 13.002 min
Delta R.T.: 0.013 min
Response: 8003571
Conc: 57.32 ug/ml



#8 N-DOCOSANE

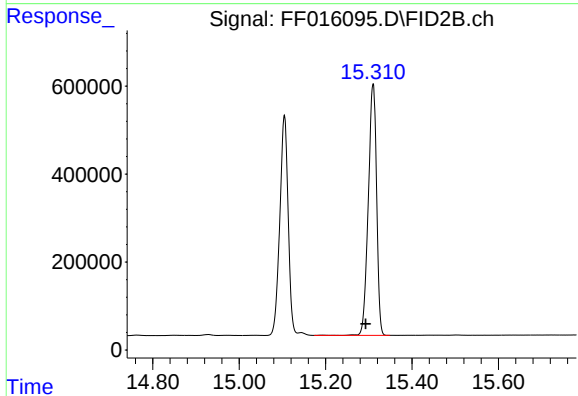
R.T.: 14.203 min
Delta R.T.: 0.015 min
Response: 7709043
Conc: 56.74 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

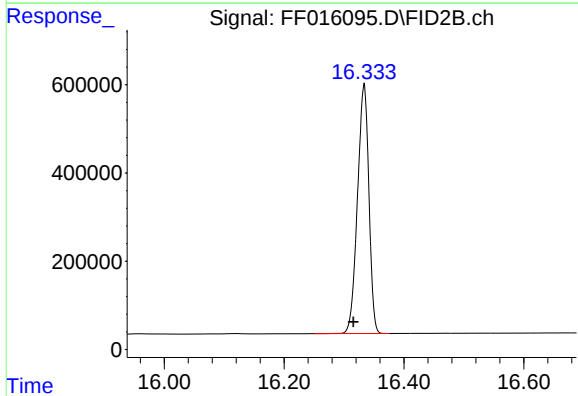
R.T.: 15.105 min
Delta R.T.: 0.016 min
Response: 6712510
Conc: 55.59 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



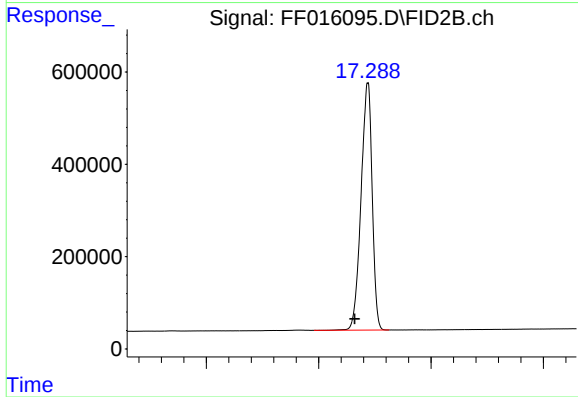
#10 N-TETRACOSANE

R.T.: 15.310 min
Delta R.T.: 0.017 min
Response: 7625270
Conc: 56.26 ug/ml



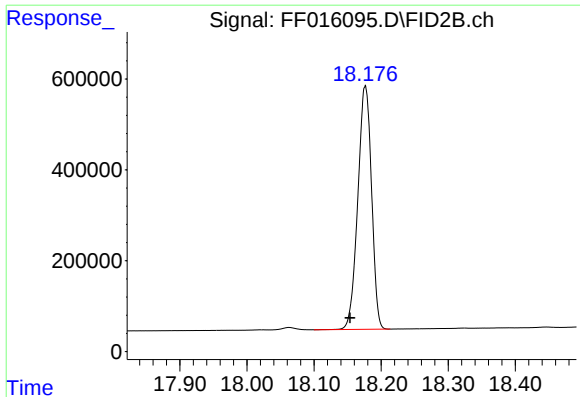
#11 N-HEXACOSANE

R.T.: 16.333 min
Delta R.T.: 0.018 min
Response: 7463601
Conc: 55.60 ug/ml



#12 N-OCTACOSANE

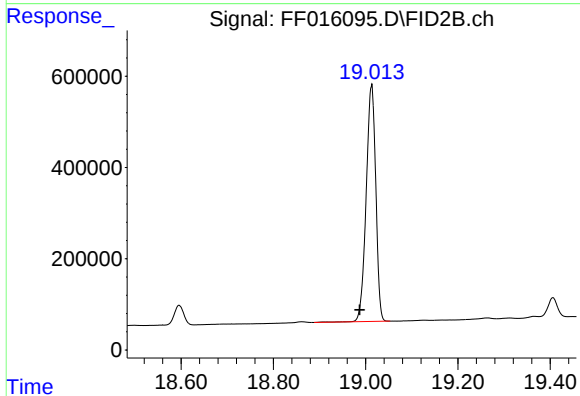
R.T.: 17.287 min
Delta R.T.: 0.023 min
Response: 7388204
Conc: 55.96 ug/ml



#13 N-TRIACONTANE

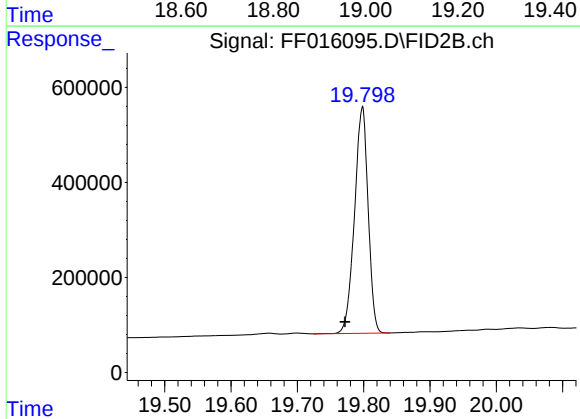
R.T.: 18.176 min
Delta R.T.: 0.023 min
Response: 7621936
Conc: 57.71 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



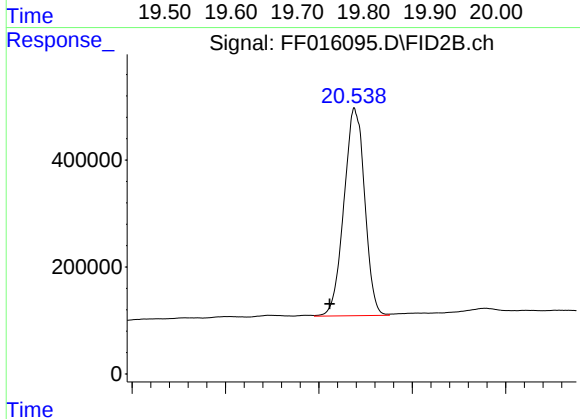
#14 N-DOTRIACONTANE

R.T.: 19.013 min
Delta R.T.: 0.025 min
Response: 7480095
Conc: 58.79 ug/ml



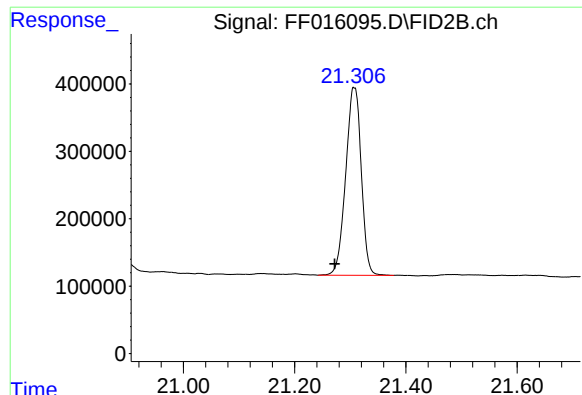
#15 N-TETRATRIACONTANE

R.T.: 19.798 min
Delta R.T.: 0.026 min
Response: 6805276
Conc: 60.85 ug/ml



#16 N-HEXATRIACONTANE

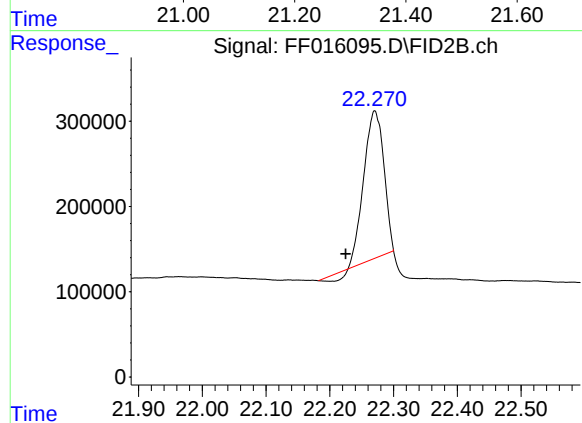
R.T.: 20.538 min
Delta R.T.: 0.026 min
Response: 5990801
Conc: 64.08 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.307 min
Delta R.T.: 0.034 min
Response: 5409469
Conc: 66.62 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.270 min
Delta R.T.: 0.045 min
Response: 3686446
Conc: 52.57 ug/ml