

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070325\
 Data File : FF016089.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2025 09:08
 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 03:46:52 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...	15.103	6525376	54.043 ug/ml
Target Compounds			
1) N-OCTANE	2.079	6585477	51.900 ug/ml
2) N-DECANE	4.620	7210487	55.033 ug/ml
3) N-DODECANE	6.798	7378351	55.410 ug/ml
4) N-TETRADECANE	8.632	7500009	55.960 ug/ml
5) N-HEXADECANE	10.241	7578487	56.114 ug/ml
6) N-OCTADECANE	11.688	7731240	55.768 ug/ml
7) N-EICOSANE	13.000	7794247	55.818 ug/ml
8) N-DOCOSANE	14.202	7499641	55.198 ug/ml
10) N-TETRACOSANE	15.309	7392302	54.544 ug/ml
11) N-HEXACOSANE	16.333	7262073	54.099 ug/ml
12) N-OCTACOSANE	17.285	7182841	54.408 ug/ml
13) N-TRIACONTANE	18.175	7390077	55.958 ug/ml
14) N-DOTRIACONTANE	19.010	7238473	56.893 ug/ml
15) N-TETRATRIACONTANE	19.797	6576166	58.804 ug/ml
16) N-HEXATRIACONTANE	20.540	5861584	62.694 ug/ml
17) N-OCTATRIACONTANE	21.307	5217803	64.259 ug/ml
18) N-TETRACONTANE	22.268	3713015	52.945 ug/ml

(f)=RT Delta > 1/2 Window

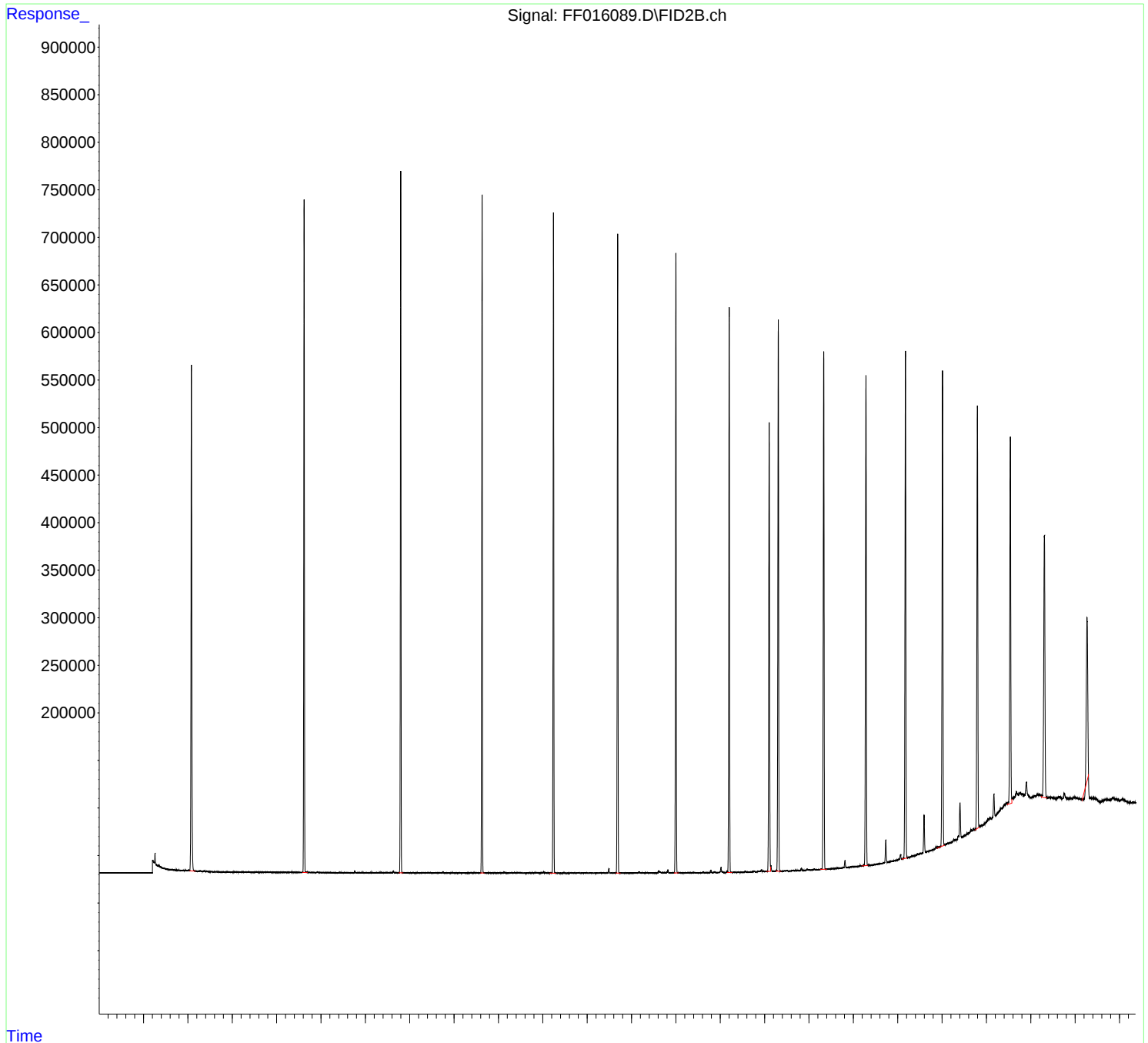
(m)=manual int.

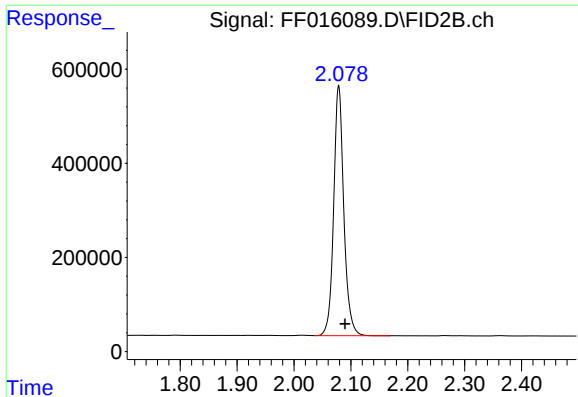
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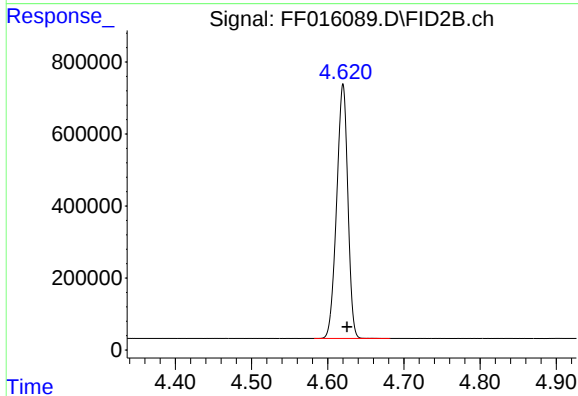




#1 N-OCTANE

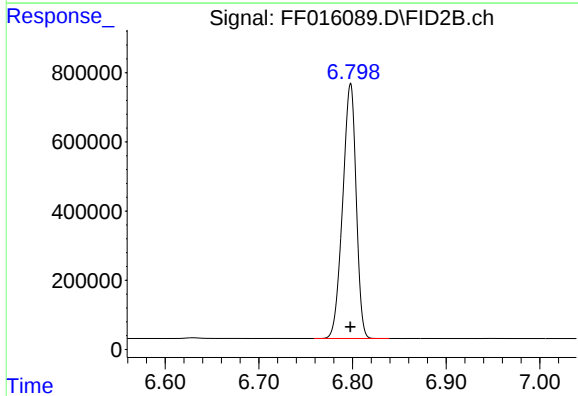
R.T.: 2.079 min
Delta R.T.: -0.011 min
Response: 6585477
Conc: 51.90 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



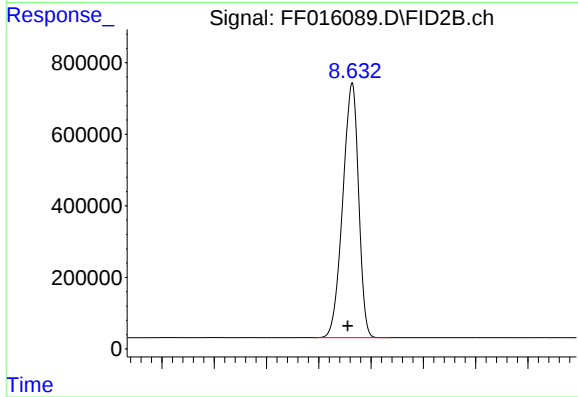
#2 N-DECANE

R.T.: 4.620 min
Delta R.T.: -0.005 min
Response: 7210487
Conc: 55.03 ug/ml



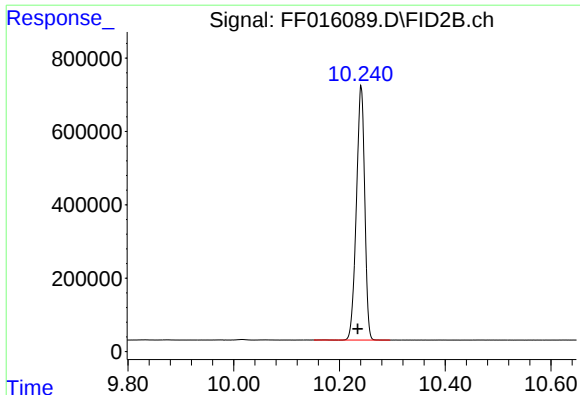
#3 N-DODECANE

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 7378351
Conc: 55.41 ug/ml



#4 N-TETRADECANE

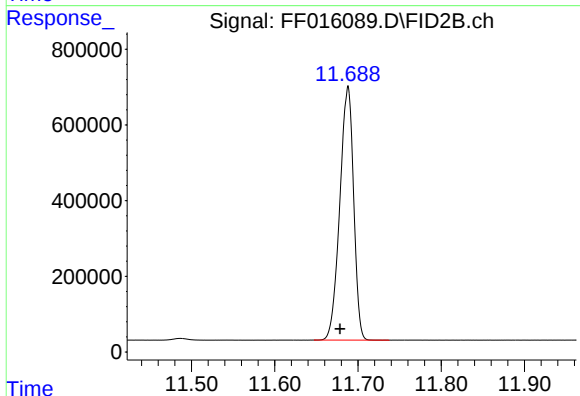
R.T.: 8.632 min
Delta R.T.: 0.004 min
Response: 7500009
Conc: 55.96 ug/ml



#5 N-HEXADECANE

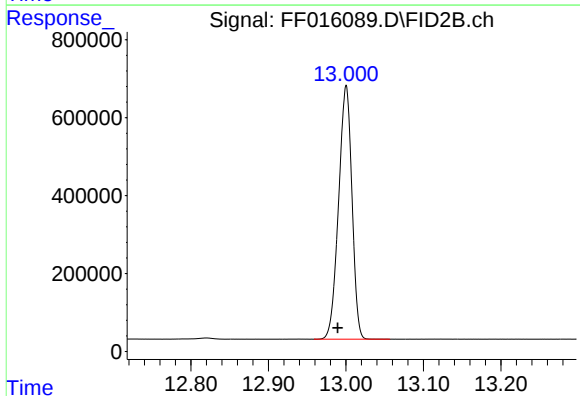
R.T.: 10.241 min
Delta R.T.: 0.006 min
Response: 7578487
Conc: 56.11 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



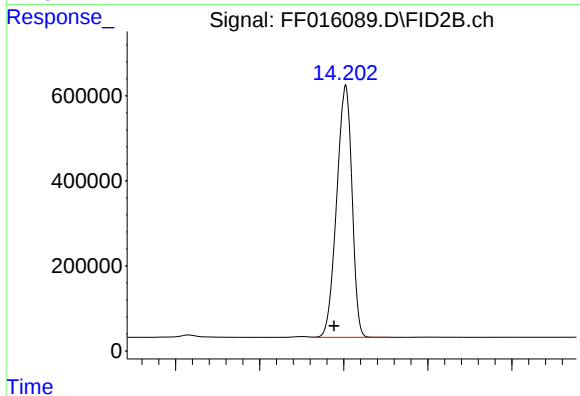
#6 N-OCTADECANE

R.T.: 11.688 min
Delta R.T.: 0.010 min
Response: 7731240
Conc: 55.77 ug/ml



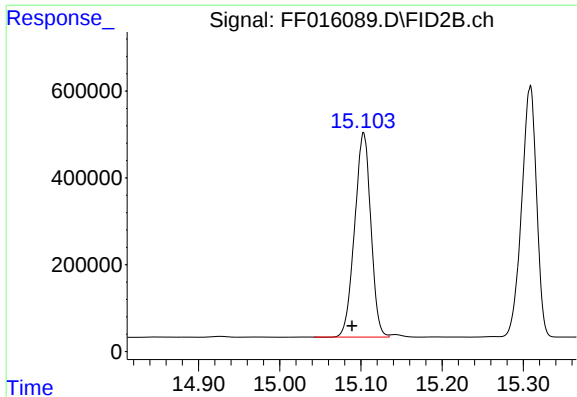
#7 N-EICOSANE

R.T.: 13.000 min
Delta R.T.: 0.011 min
Response: 7794247
Conc: 55.82 ug/ml



#8 N-DOCOSANE

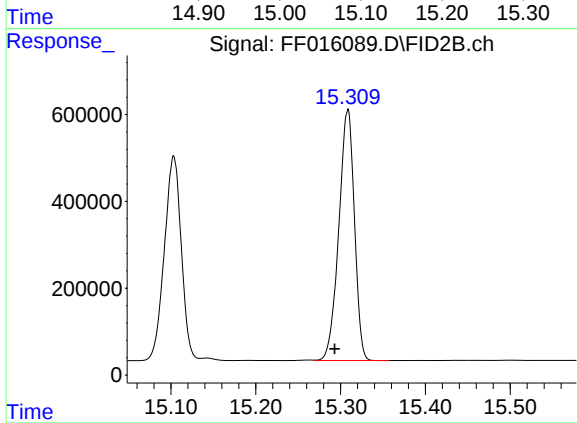
R.T.: 14.202 min
Delta R.T.: 0.014 min
Response: 7499641
Conc: 55.20 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

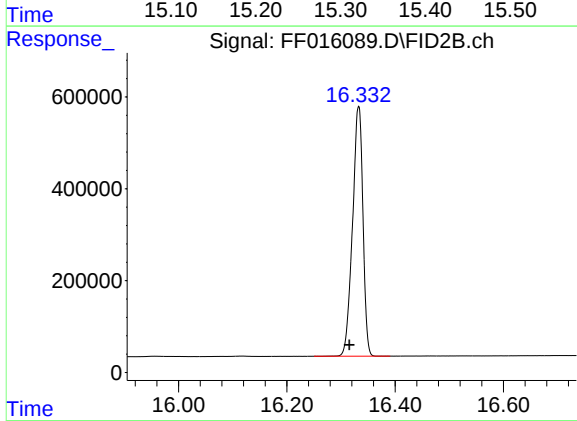
R.T.: 15.103 min
Delta R.T.: 0.014 min
Response: 6525376
Conc: 54.04 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



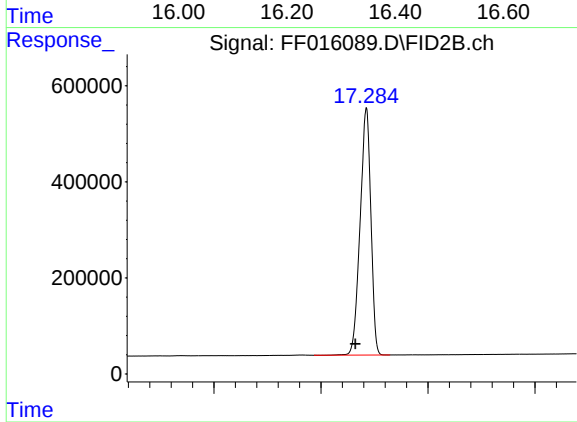
#10 N-TETRACOSANE

R.T.: 15.309 min
Delta R.T.: 0.016 min
Response: 7392302
Conc: 54.54 ug/ml



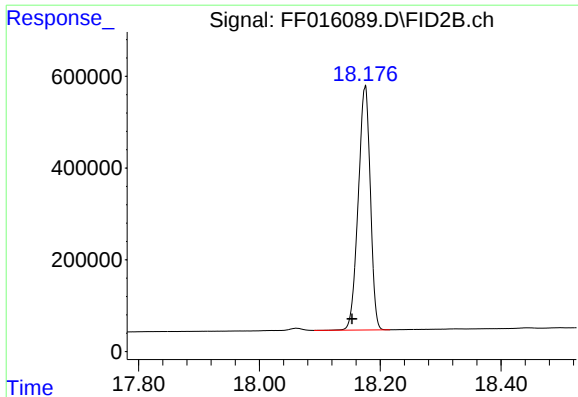
#11 N-HEXACOSANE

R.T.: 16.333 min
Delta R.T.: 0.017 min
Response: 7262073
Conc: 54.10 ug/ml



#12 N-OCTACOSANE

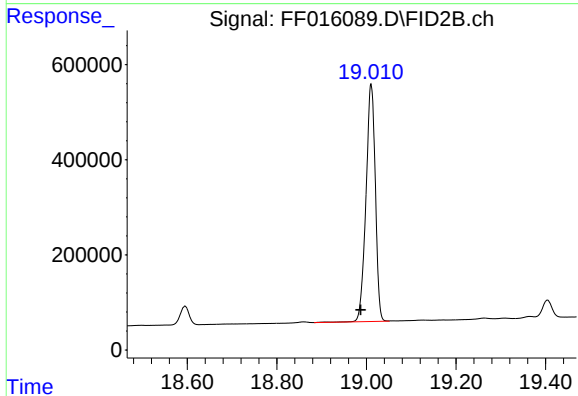
R.T.: 17.285 min
Delta R.T.: 0.021 min
Response: 7182841
Conc: 54.41 ug/ml



#13 N-TRIACONTANE

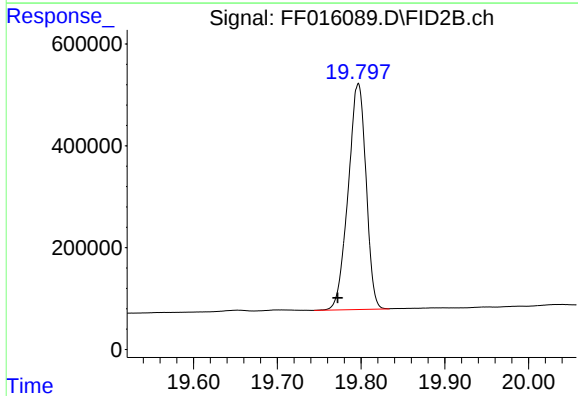
R.T.: 18.175 min
Delta R.T.: 0.021 min
Response: 7390077
Conc: 55.96 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



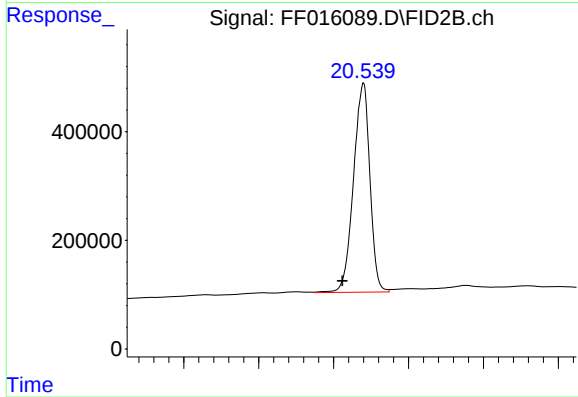
#14 N-DOTRIACONTANE

R.T.: 19.010 min
Delta R.T.: 0.023 min
Response: 7238473
Conc: 56.89 ug/ml



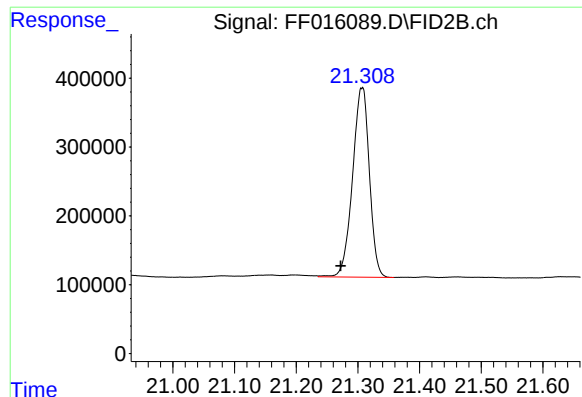
#15 N-TETRATRIACONTANE

R.T.: 19.797 min
Delta R.T.: 0.025 min
Response: 6576166
Conc: 58.80 ug/ml



#16 N-HEXATRIACONTANE

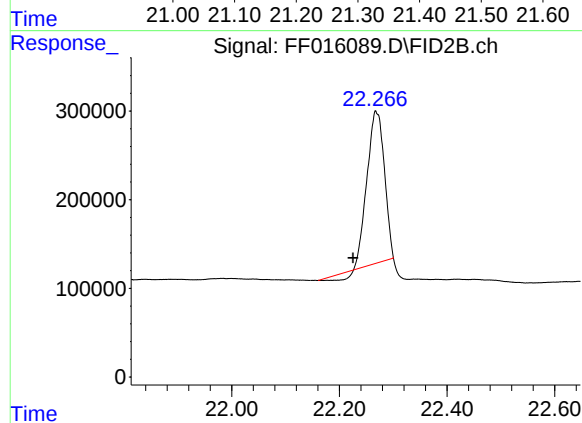
R.T.: 20.540 min
Delta R.T.: 0.028 min
Response: 5861584
Conc: 62.69 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.307 min
Delta R.T.: 0.035 min
Response: 5217803
Conc: 64.26 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.268 min
Delta R.T.: 0.042 min
Response: 3713015
Conc: 52.94 ug/ml