

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101025\
 Data File : FF016556.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2025 11:44
 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: Oct 10 23:45:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
 Quant Title :
 QLast Update : Fri Oct 03 03:40:27 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...	15.072	5951079	50.599 ug/ml
Target Compounds			
1) N-OCTANE	2.048	6373541	53.935 ug/ml
2) N-DECANE	4.585	6652478	55.336 ug/ml
3) N-DODECANE	6.765	6792926	55.731 ug/ml
4) N-TETRADECANE	8.599	6816175	55.378 ug/ml
5) N-HEXADECANE	10.208	6869809	54.893 ug/ml
6) N-OCTADECANE	11.655	7009759	53.945 ug/ml
7) N-EICOSANE	12.968	7010087	52.571 ug/ml
8) N-DOCOSANE	14.170	6758005	51.558 ug/ml
10) N-TETRACOSANE	15.276	6631815	50.066 ug/ml
11) N-HEXACOSANE	16.301	6444530	48.798 ug/ml
12) N-OCTACOSANE	17.254	6208166	47.270 ug/ml
13) N-TRIACONTANE	18.146	6165786	46.488 ug/ml
14) N-DOTRIACONTANE	18.982	5860958	46.292 ug/ml
15) N-TETRATRIACONTANE	19.768	5064189	48.400 ug/ml
16) N-HEXATRIACONTANE	20.511	4219574	51.283 ug/ml
17) N-OCTATRIACONTANE	21.272	3678101	53.751 ug/ml
18) N-TETRACONTANE	22.221	3284848	55.205 ug/ml

(f)=RT Delta > 1/2 Window

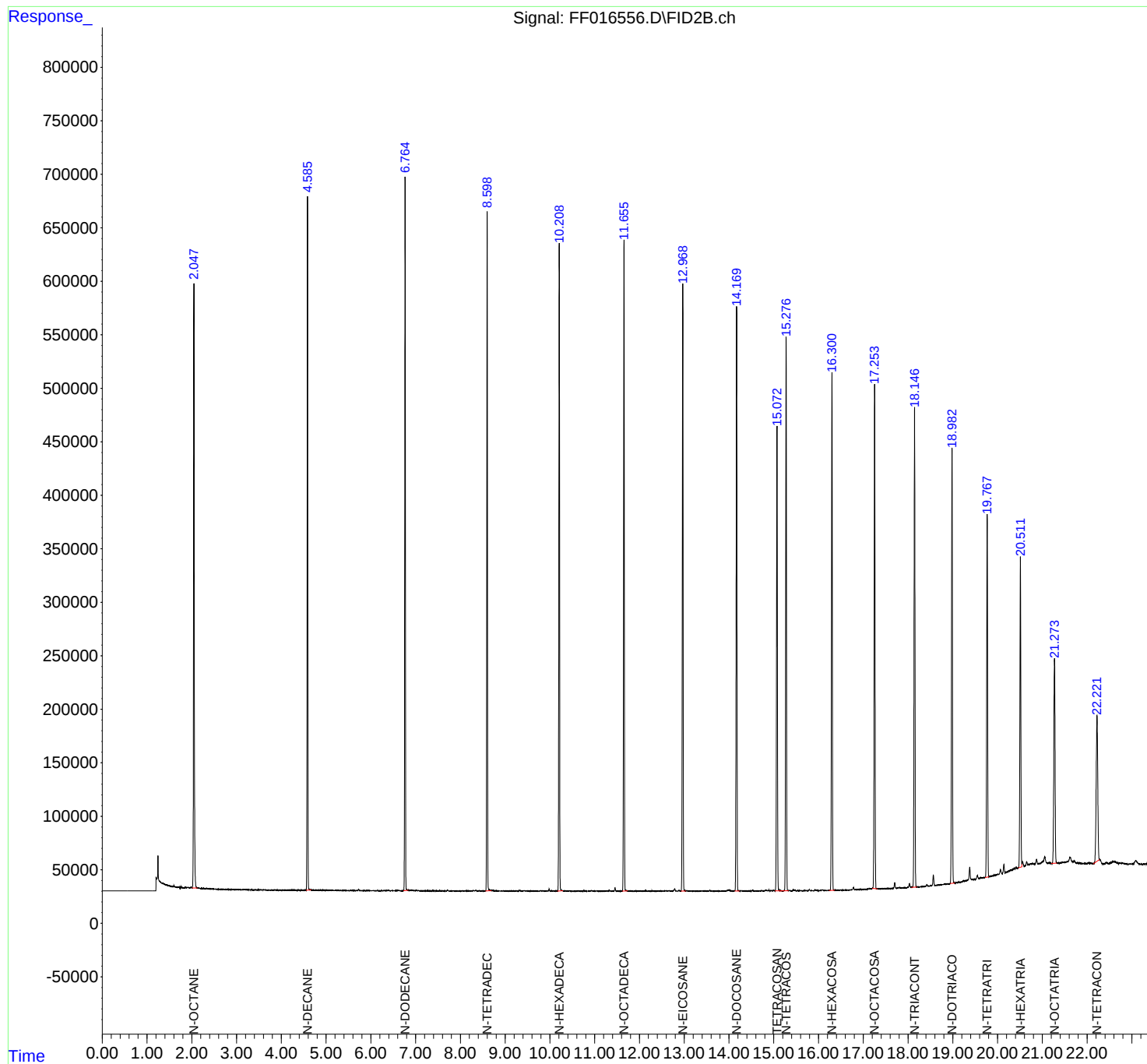
(m)=manual int.

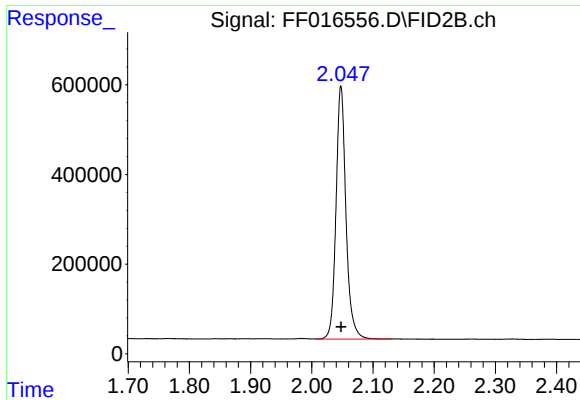
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

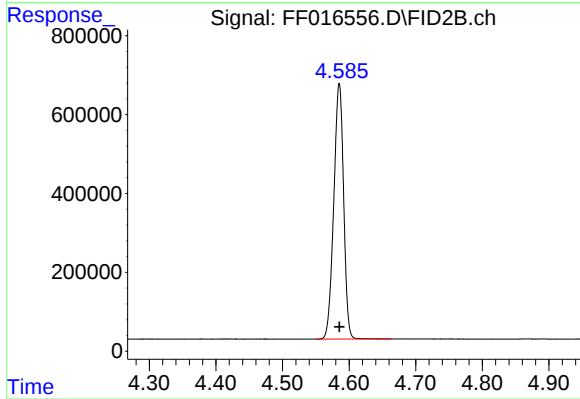




#1 N-OCTANE

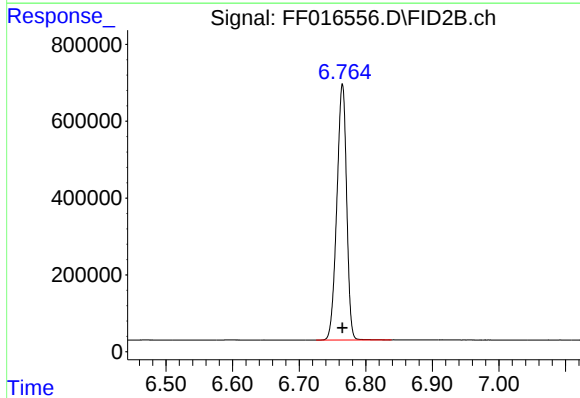
R.T.: 2.048 min
Delta R.T.: 0.000 min
Response: 6373541
Conc: 53.94 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



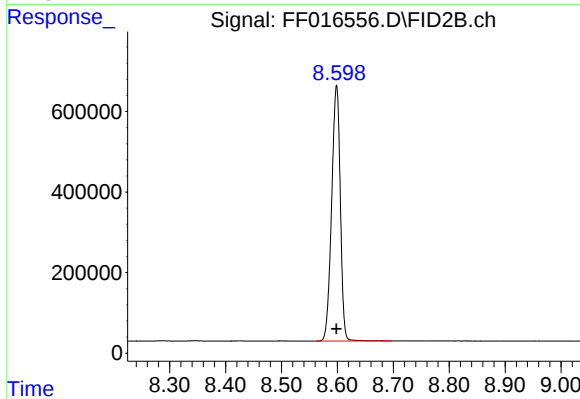
#2 N-DECANE

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 6652478
Conc: 55.34 ug/ml



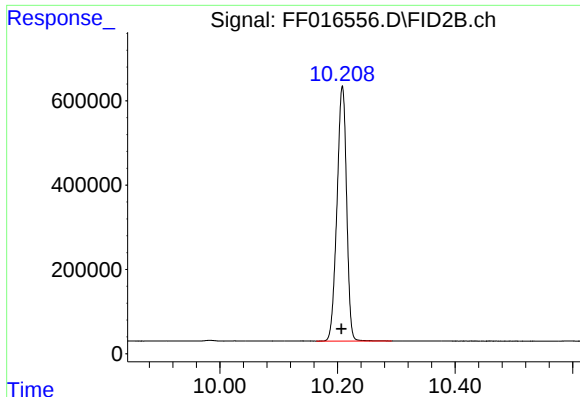
#3 N-DODECANE

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 6792926
Conc: 55.73 ug/ml



#4 N-TETRADECANE

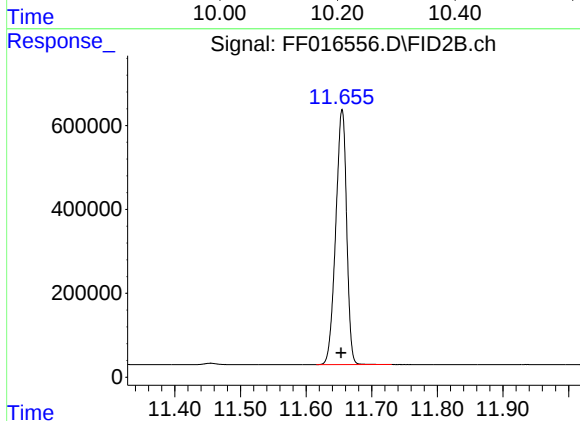
R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 6816175
Conc: 55.38 ug/ml



#5 N-HEXADECANE

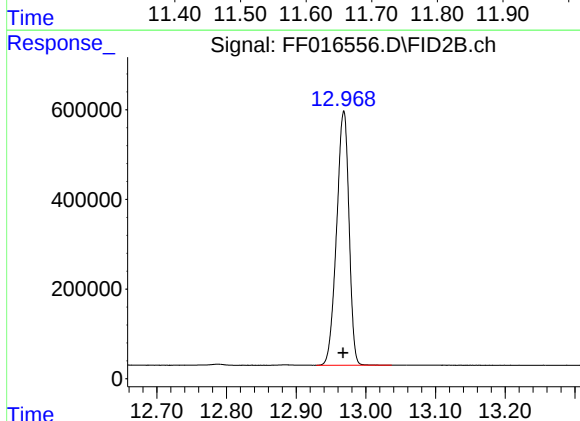
R.T.: 10.208 min
Delta R.T.: 0.001 min
Response: 6869809
Conc: 54.89 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



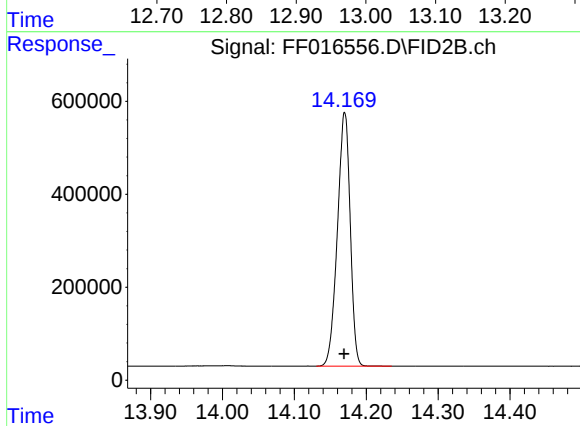
#6 N-OCTADECANE

R.T.: 11.655 min
Delta R.T.: 0.001 min
Response: 7009759
Conc: 53.94 ug/ml



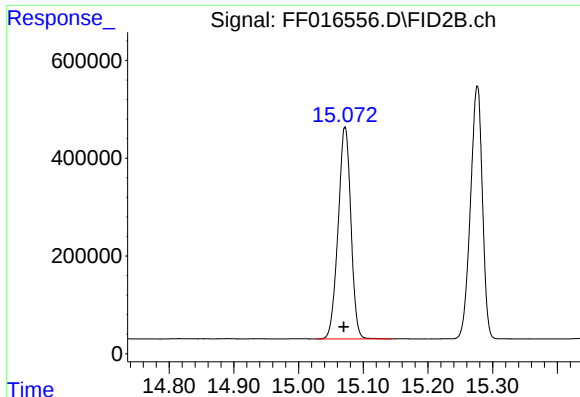
#7 N-EICOSANE

R.T.: 12.968 min
Delta R.T.: 0.000 min
Response: 7010087
Conc: 52.57 ug/ml



#8 N-DOCOSANE

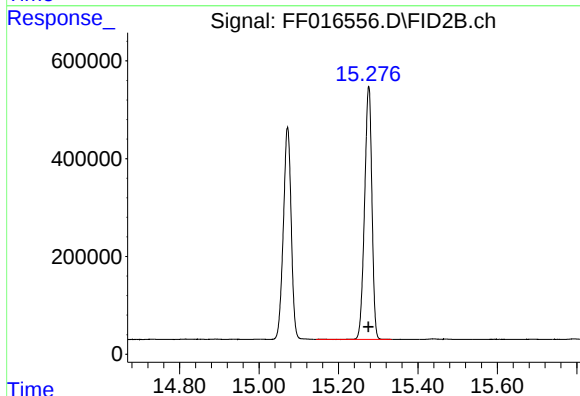
R.T.: 14.170 min
Delta R.T.: 0.001 min
Response: 6758005
Conc: 51.56 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

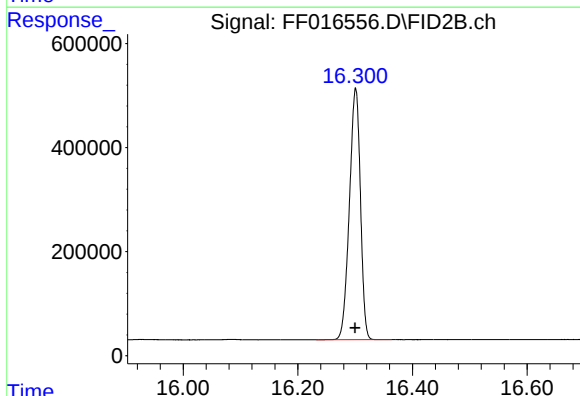
R.T.: 15.072 min
Delta R.T.: 0.002 min
Response: 5951079
Conc: 50.60 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



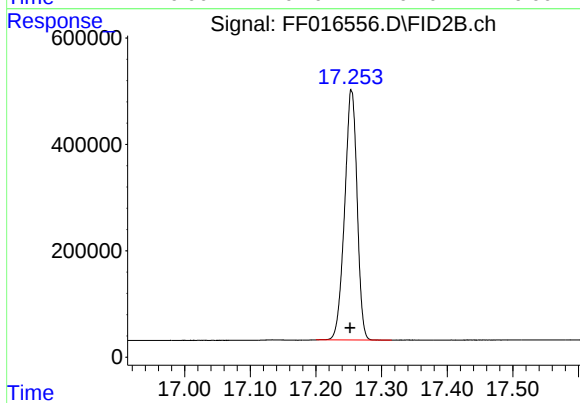
#10 N-TETRACOSANE

R.T.: 15.276 min
Delta R.T.: 0.001 min
Response: 6631815
Conc: 50.07 ug/ml



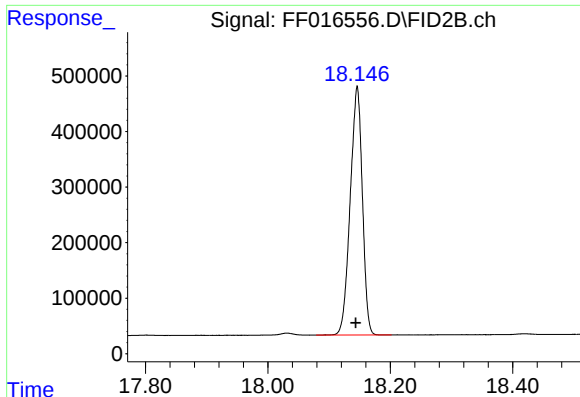
#11 N-HEXACOSANE

R.T.: 16.301 min
Delta R.T.: 0.001 min
Response: 6444530
Conc: 48.80 ug/ml



#12 N-OCTACOSANE

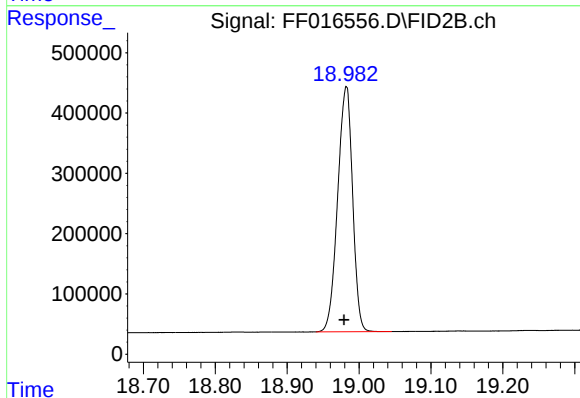
R.T.: 17.254 min
Delta R.T.: 0.002 min
Response: 6208166
Conc: 47.27 ug/ml



#13 N-TRIACONTANE

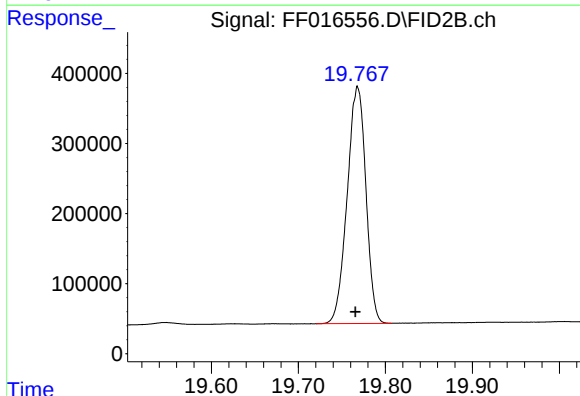
R.T.: 18.146 min
Delta R.T.: 0.003 min
Response: 6165786
Conc: 46.49 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



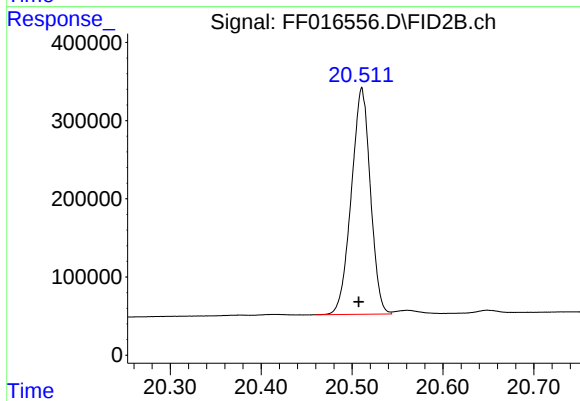
#14 N-DOTRIACONTANE

R.T.: 18.982 min
Delta R.T.: 0.003 min
Response: 5860958
Conc: 46.29 ug/ml



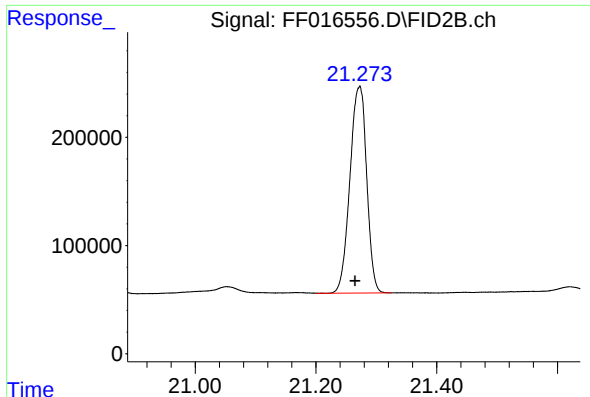
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: 0.003 min
Response: 5064189
Conc: 48.40 ug/ml



#16 N-HEXATRIACONTANE

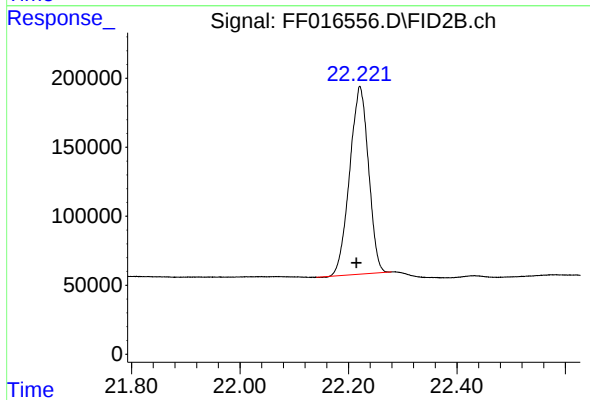
R.T.: 20.511 min
Delta R.T.: 0.003 min
Response: 4219574
Conc: 51.28 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.272 min
Delta R.T.: 0.008 min
Response: 3678101
Conc: 53.75 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.221 min
Delta R.T.: 0.006 min
Response: 3284848
Conc: 55.21 ug/ml