

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
 Data File : FF016506.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 22:20
 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 03 06:45:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 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	5417037	41.834 ug/ml
Target Compounds			
1) N-OCTANE	2.046	6092319	46.335 ug/ml
2) N-DECANE	4.586	6273785	47.116 ug/ml
3) N-DODECANE	6.765	6349592	46.707 ug/ml
4) N-TETRADECANE	8.599	6330281	45.404 ug/ml
5) N-HEXADECANE	10.209	6351623	44.711 ug/ml
6) N-OCTADECANE	11.655	6447396	43.857 ug/ml
7) N-EICOSANE	12.968	6423658	43.060 ug/ml
8) N-DOCOSANE	14.170	6168130	42.421 ug/ml
10) N-TETRACOSANE	15.277	6052002	41.762 ug/ml
11) N-HEXACOSANE	16.301	5895519	41.261 ug/ml
12) N-OCTACOSANE	17.254	5701766	40.989 ug/ml
13) N-TRIACONTANE	18.145	5658120	40.944 ug/ml
14) N-DOTRIACONTANE	18.980	5334493	41.302 ug/ml
15) N-TETRATRIACONTANE	19.766	4641357	42.309 ug/ml
16) N-HEXATRIACONTANE	20.510	3887095	44.154 ug/ml
17) N-OCTATRIACONTANE	21.268	3439713	46.299 ug/ml
18) N-TETRACONTANE	22.218	3169545	48.499 ug/ml

(f)=RT Delta > 1/2 Window

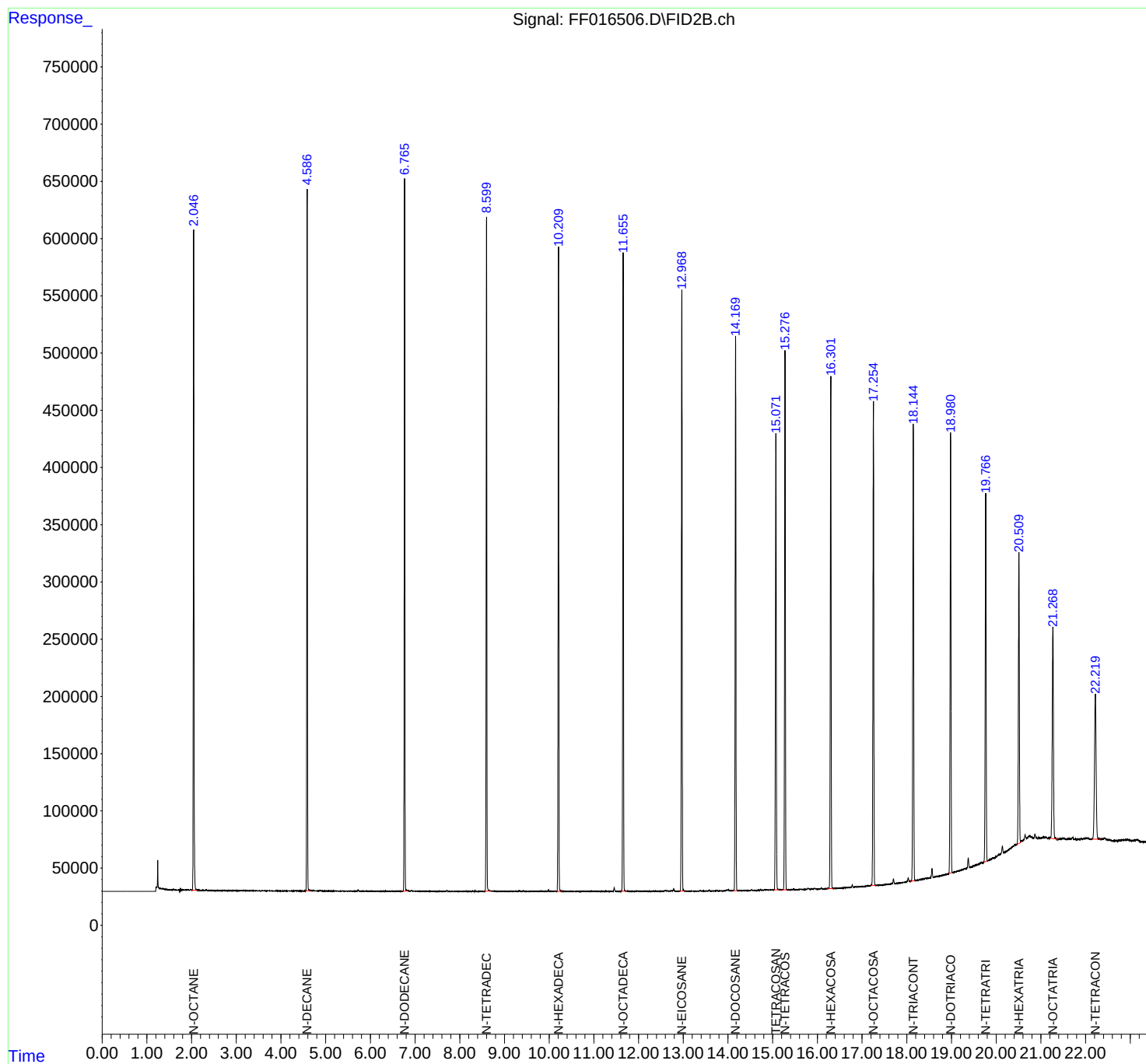
(m)=manual int.

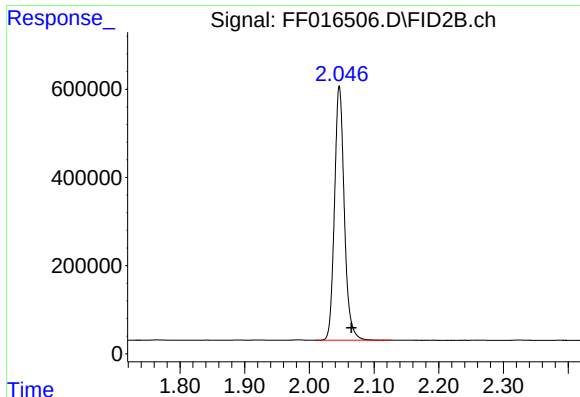
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

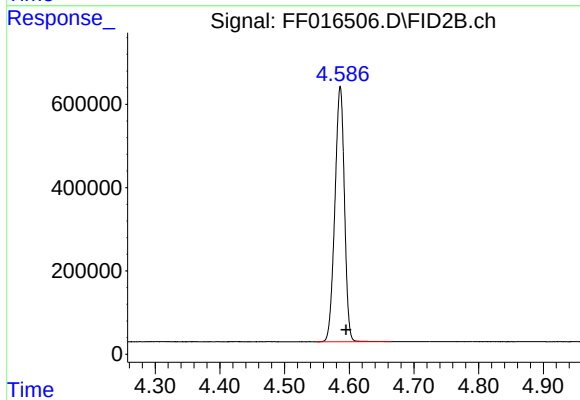




#1 N-OCTANE

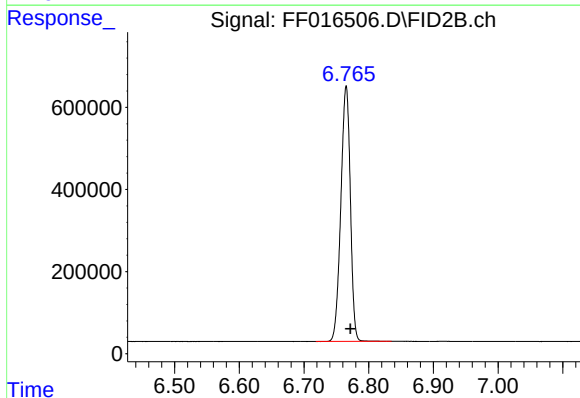
R.T.: 2.046 min
Delta R.T.: -0.019 min
Response: 6092319
Conc: 46.34 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



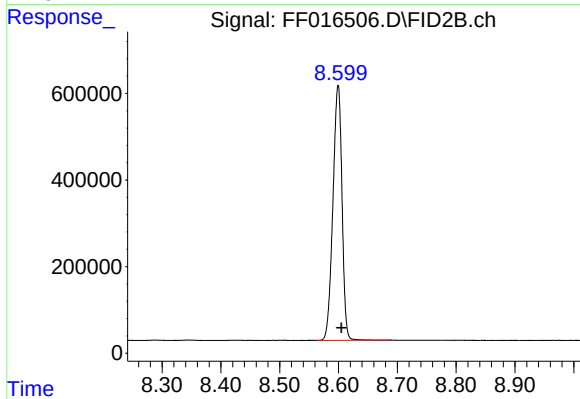
#2 N-DECANE

R.T.: 4.586 min
Delta R.T.: -0.009 min
Response: 6273785
Conc: 47.12 ug/ml



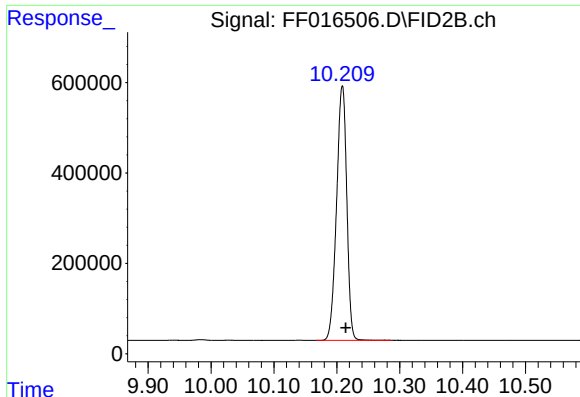
#3 N-DODECANE

R.T.: 6.765 min
Delta R.T.: -0.006 min
Response: 6349592
Conc: 46.71 ug/ml



#4 N-TETRADECANE

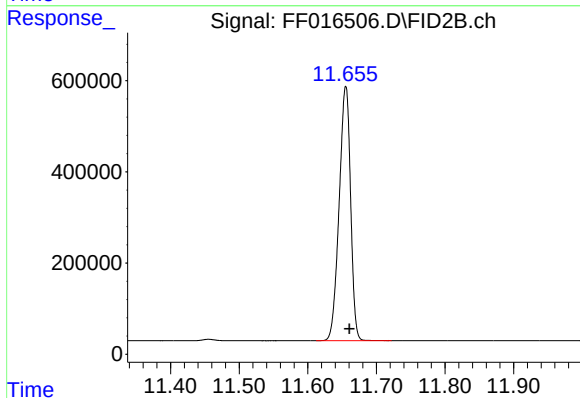
R.T.: 8.599 min
Delta R.T.: -0.006 min
Response: 6330281
Conc: 45.40 ug/ml



#5 N-HEXADECANE

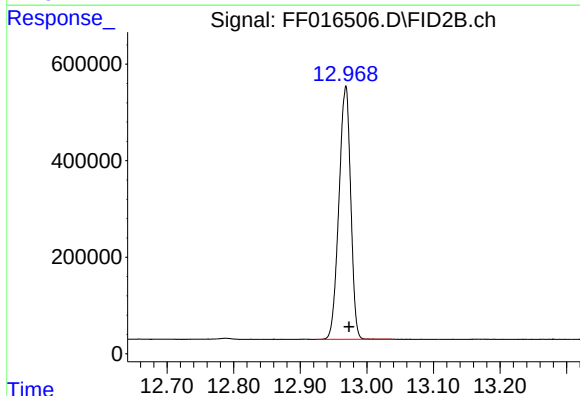
R.T.: 10.209 min
Delta R.T.: -0.006 min
Response: 6351623
Conc: 44.71 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



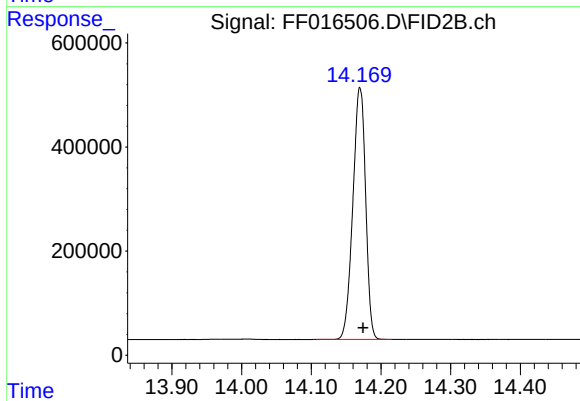
#6 N-OCTADECANE

R.T.: 11.655 min
Delta R.T.: -0.005 min
Response: 6447396
Conc: 43.86 ug/ml



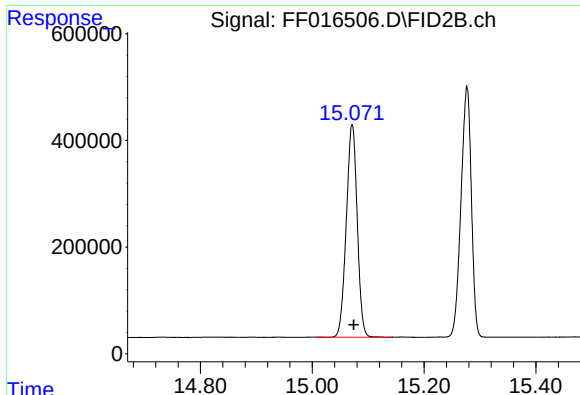
#7 N-EICOSANE

R.T.: 12.968 min
Delta R.T.: -0.005 min
Response: 6423658
Conc: 43.06 ug/ml



#8 N-DOCOSANE

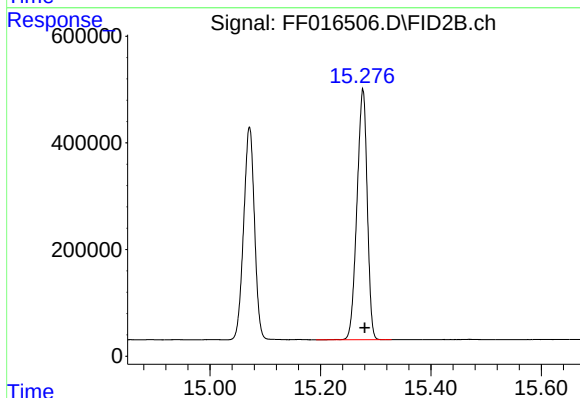
R.T.: 14.170 min
Delta R.T.: -0.004 min
Response: 6168130
Conc: 42.42 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

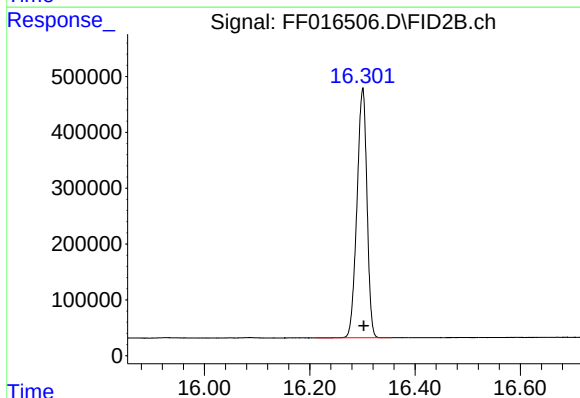
R.T.: 15.072 min
Delta R.T.: -0.003 min
Response: 5417037
Conc: 41.83 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



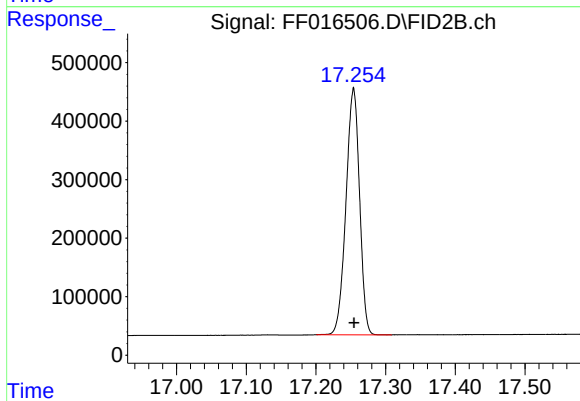
#10 N-TETRACOSANE

R.T.: 15.277 min
Delta R.T.: -0.003 min
Response: 6052002
Conc: 41.76 ug/ml



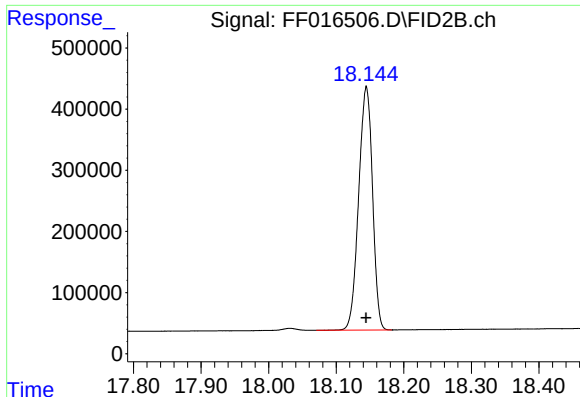
#11 N-HEXACOSANE

R.T.: 16.301 min
Delta R.T.: -0.002 min
Response: 5895519
Conc: 41.26 ug/ml



#12 N-OCTACOSANE

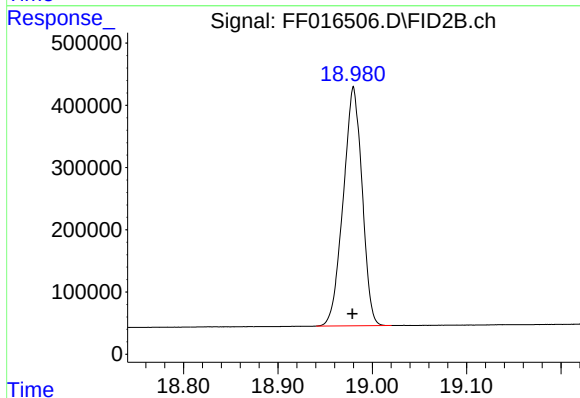
R.T.: 17.254 min
Delta R.T.: 0.000 min
Response: 5701766
Conc: 40.99 ug/ml



#13 N-TRIACONTANE

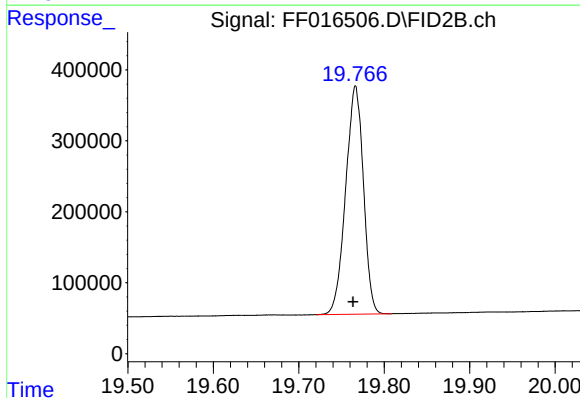
R.T.: 18.145 min
Delta R.T.: 0.000 min
Response: 5658120
Conc: 40.94 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



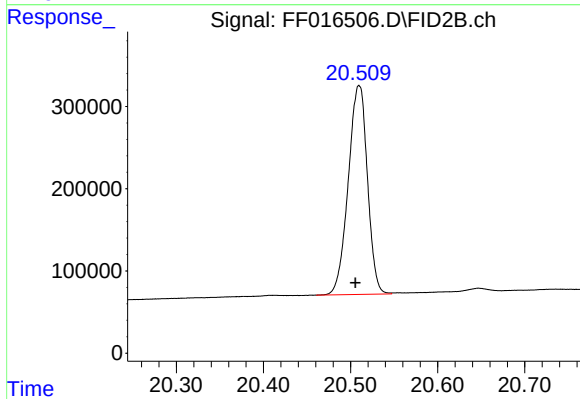
#14 N-DOTRIACONTANE

R.T.: 18.980 min
Delta R.T.: 0.001 min
Response: 5334493
Conc: 41.30 ug/ml



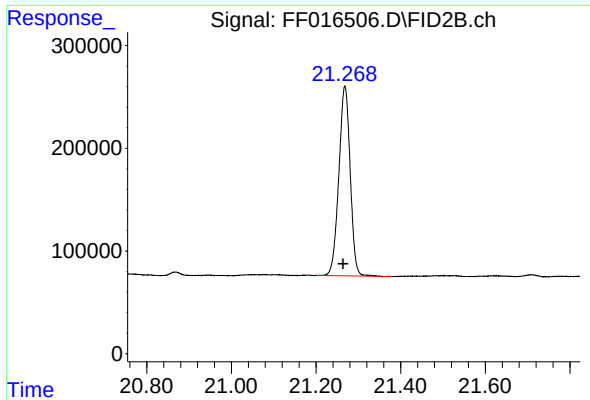
#15 N-TETRATRIACONTANE

R.T.: 19.766 min
Delta R.T.: 0.003 min
Response: 4641357
Conc: 42.31 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.510 min
Delta R.T.: 0.004 min
Response: 3887095
Conc: 44.15 ug/ml



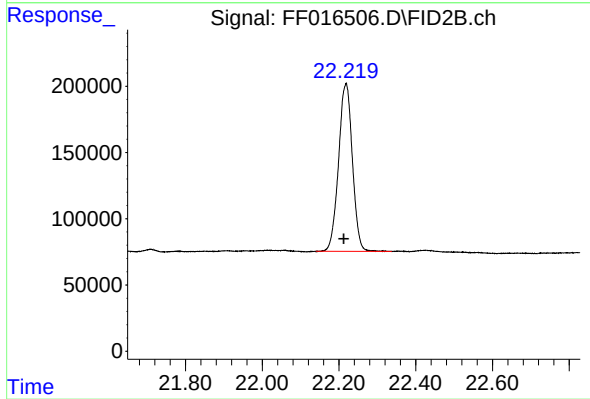
#17 N-OCTATRIACONTANE

R.T.: 21.268 min
Delta R.T.: 0.004 min
Response: 3439713
Conc: 46.30 ug/ml

Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.218 min
Delta R.T.: 0.006 min
Response: 3169545
Conc: 48.50 ug/ml