

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090525\
 Data File : FF016340.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2025 14:55
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Sep 05 15:06:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:03:38 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...	15.074	10078561	77.834 ug/ml
Target Compounds			
1) N-OCTANE	2.041	10198143	77.562 ug/ml
2) N-DECANE	4.582	10463327	78.579 ug/ml
3) N-DODECANE	6.764	10658595	78.403 ug/ml
4) N-TETRADECANE	8.600	10865822	77.935 ug/ml
5) N-HEXADECANE	10.211	10943555	77.034 ug/ml
6) N-OCTADECANE	11.658	11285773	76.769 ug/ml
7) N-EICOSANE	12.971	11661979	78.175 ug/ml
8) N-DOCOSANE	14.174	11438570	78.669 ug/ml
10) N-TETRACOSANE	15.281	11489912	79.287 ug/ml
11) N-HEXACOSANE	16.304	11217793	78.509 ug/ml
12) N-OCTACOSANE	17.257	11213355	80.610 ug/ml
13) N-TRIACONTANE	18.147	11146663	80.661 ug/ml
14) N-DOTRIACONTANE	18.983	10670424	82.614 ug/ml
15) N-TETRATRIACONTANE	19.769	9923704	90.460 ug/ml
16) N-HEXATRIACONTANE	20.510	8648083	98.234 ug/ml
17) N-OCTATRIACONTANE	21.269	7639761	102.832 ug/ml
18) N-TETRACONTANE	22.220	6796597	103.998 ug/ml

(f)=RT Delta > 1/2 Window

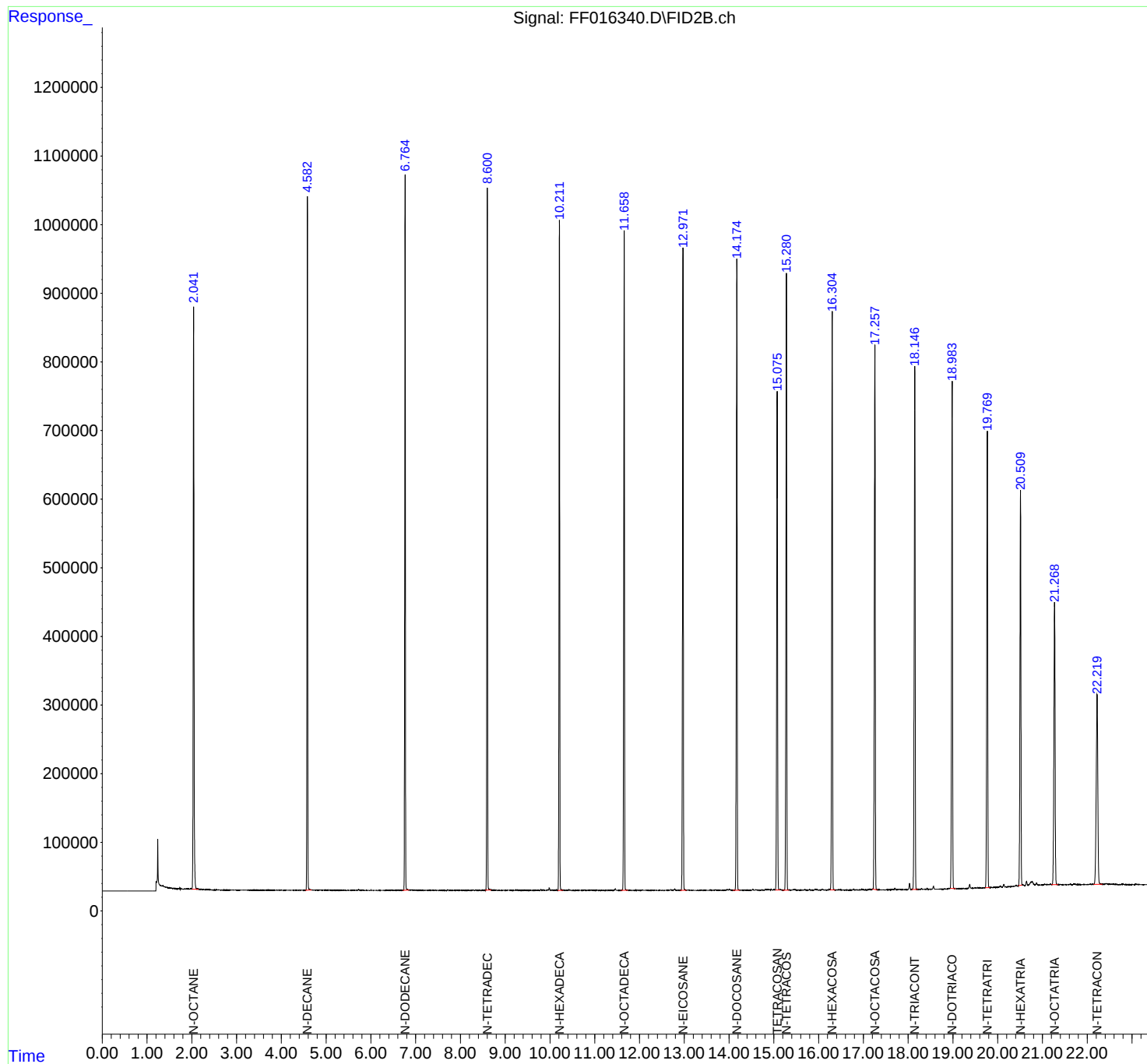
(m)=manual int.

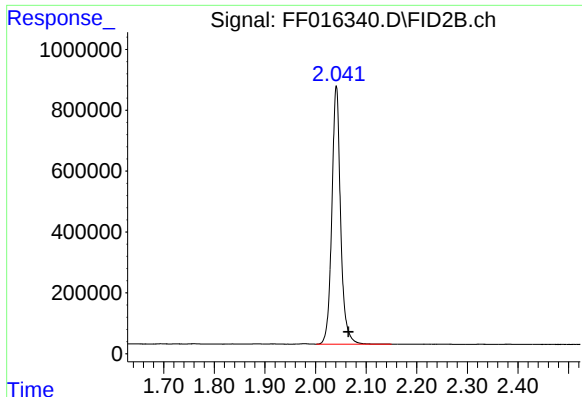
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

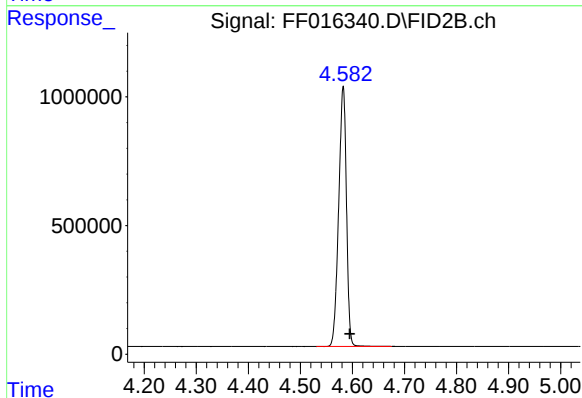




#1 N-OCTANE

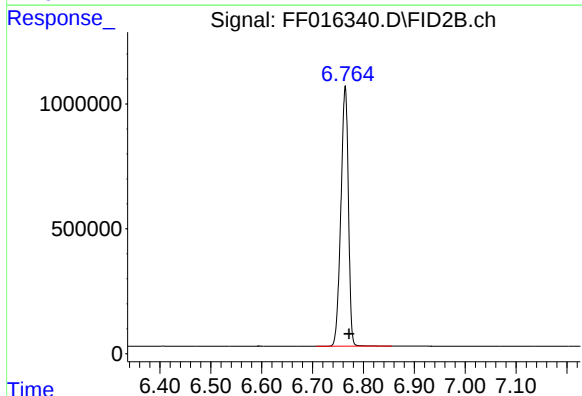
R.T.: 2.041 min
Delta R.T.: -0.024 min
Response: 10198143
Conc: 77.56 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



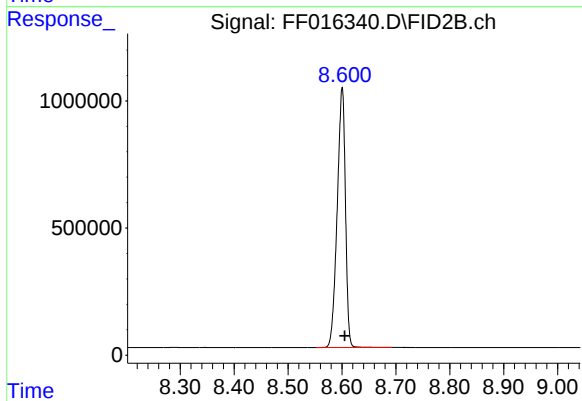
#2 N-DECANE

R.T.: 4.582 min
Delta R.T.: -0.013 min
Response: 10463327
Conc: 78.58 ug/ml



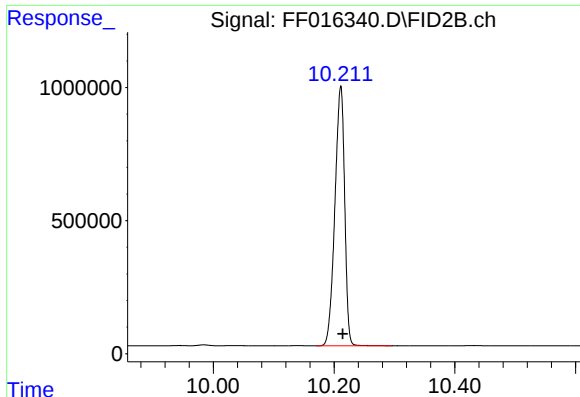
#3 N-DODECANE

R.T.: 6.764 min
Delta R.T.: -0.007 min
Response: 10658595
Conc: 78.40 ug/ml



#4 N-TETRADECANE

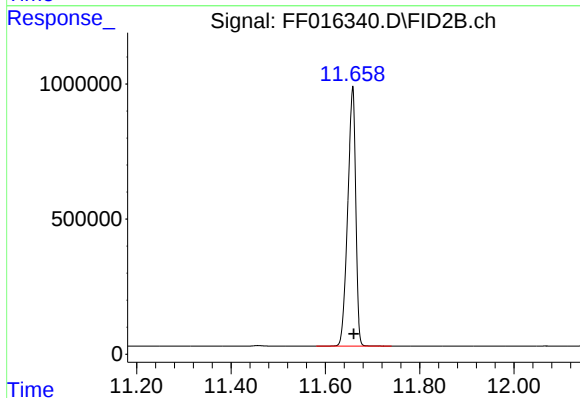
R.T.: 8.600 min
Delta R.T.: -0.004 min
Response: 10865822
Conc: 77.93 ug/ml



#5 N-HEXADECANE

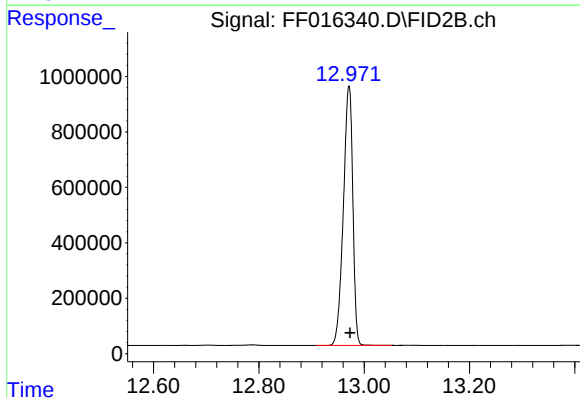
R.T.: 10.211 min
Delta R.T.: -0.003 min
Response: 10943555
Conc: 77.03 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



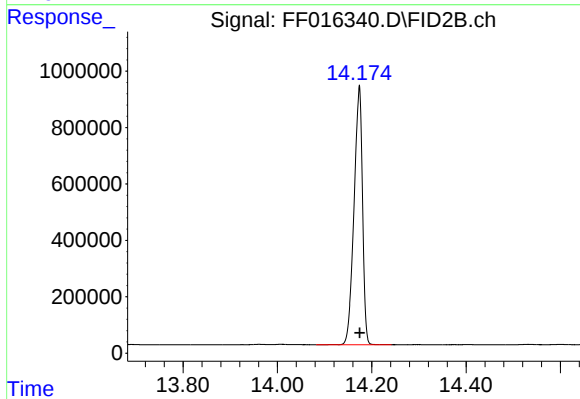
#6 N-OCTADECANE

R.T.: 11.658 min
Delta R.T.: -0.002 min
Response: 11285773
Conc: 76.77 ug/ml



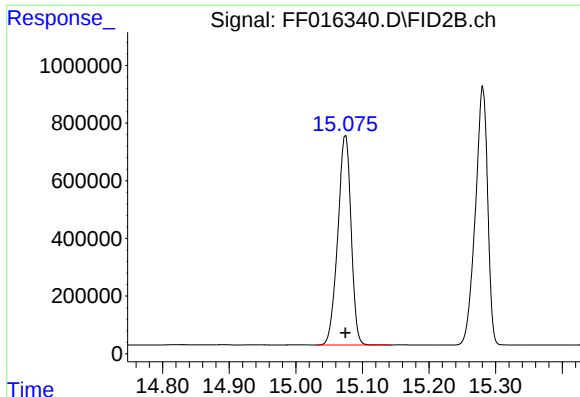
#7 N-EICOSANE

R.T.: 12.971 min
Delta R.T.: -0.002 min
Response: 11661979
Conc: 78.18 ug/ml



#8 N-DOCOSANE

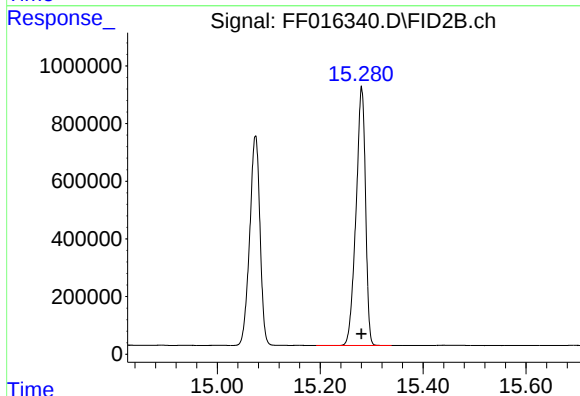
R.T.: 14.174 min
Delta R.T.: 0.000 min
Response: 11438570
Conc: 78.67 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

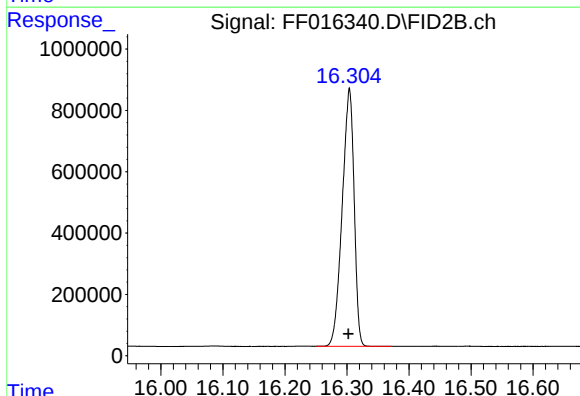
R.T.: 15.074 min
Delta R.T.: 0.000 min
Response: 10078561
Conc: 77.83 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



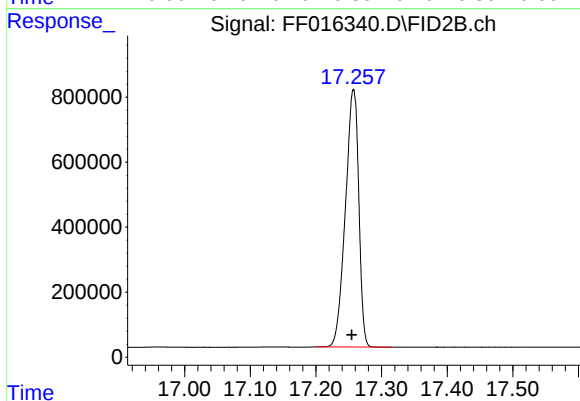
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: 0.000 min
Response: 11489912
Conc: 79.29 ug/ml



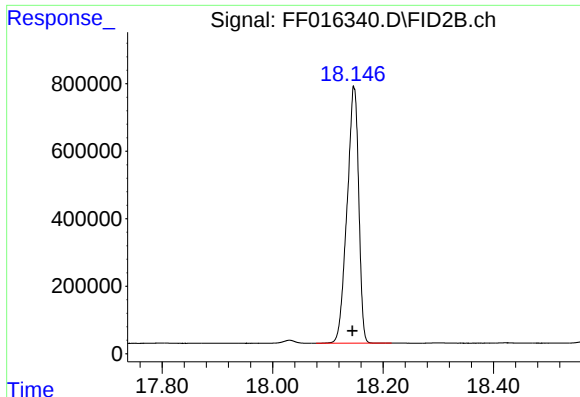
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: 0.002 min
Response: 11217793
Conc: 78.51 ug/ml



#12 N-OCTACOSANE

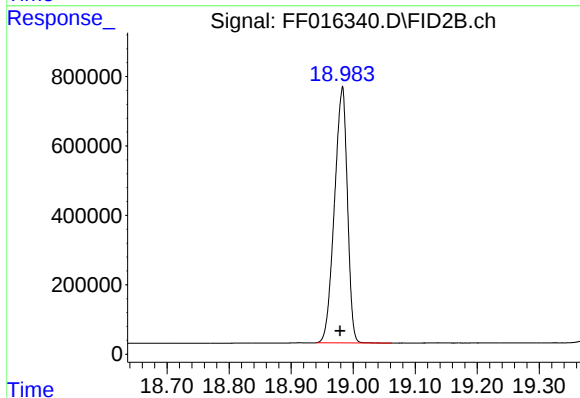
R.T.: 17.257 min
Delta R.T.: 0.002 min
Response: 11213355
Conc: 80.61 ug/ml



#13 N-TRIACONTANE

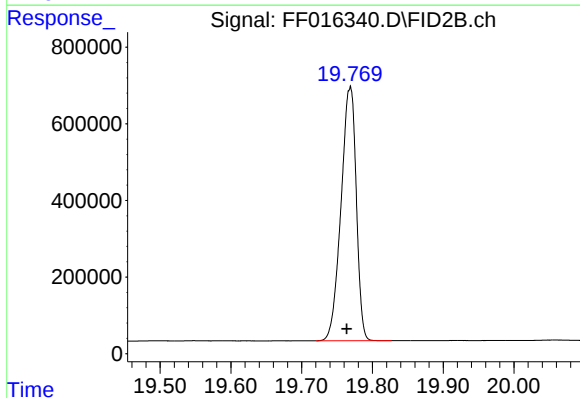
R.T.: 18.147 min
Delta R.T.: 0.003 min
Response: 11146663
Conc: 80.66 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



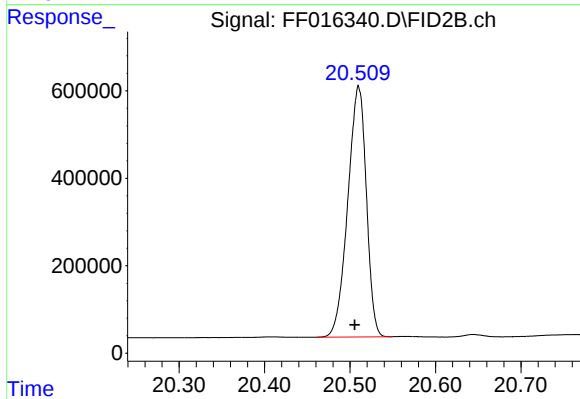
#14 N-DOTRIACONTANE

R.T.: 18.983 min
Delta R.T.: 0.004 min
Response: 10670424
Conc: 82.61 ug/ml



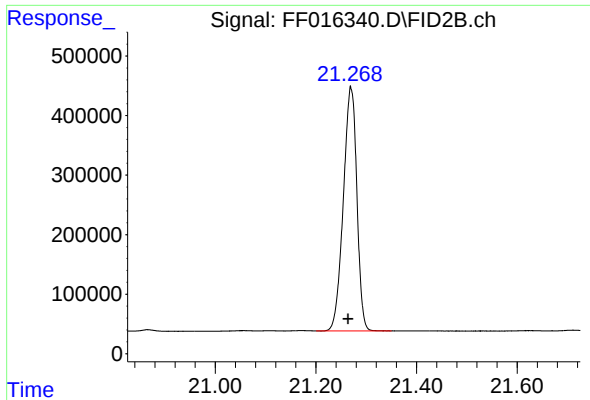
#15 N-TETRATRIACONTANE

R.T.: 19.769 min
Delta R.T.: 0.005 min
Response: 9923704
Conc: 90.46 ug/ml



#16 N-HEXATRIACONTANE

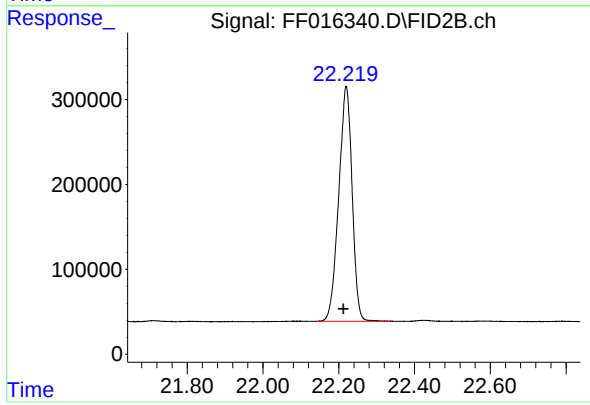
R.T.: 20.510 min
Delta R.T.: 0.005 min
Response: 8648083
Conc: 98.23 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.269 min
Delta R.T.: 0.005 min
Response: 7639761
Conc: 102.83 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.220 min
Delta R.T.: 0.007 min
Response: 6796597
Conc: 104.00 ug/ml