Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031320\
Data File : FF006563.D
Signal(s) : FID2B.ch
Acq On : 13 Mar 2020 22:44
Operator : DD\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Mar 13 23:06:14 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031020.M
Quant Title :
QLast Update : Tue Mar 10 14:59:43 2020
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...	14.588	5759320	44.749 ug/ml
	Target Compounds			
1)	N-OCTANE	2.270	6490480	47.671 ug/ml
2)	N-DECANE	4.359	6707139	48.727 ug/ml
3)	N-DODECANE	6.374	6822384	48.372 ug/ml
4)	N-TETRADECANE	8.163	6790725	47.482 ug/ml
5)	N-HEXADECANE	9.758	6868473	46.856 ug/ml
6)	N-OCTADECANE	11.195	6847287	46.339 ug/ml
7)	N-EICOSANE	12.499	6783160	45.639 ug/ml
8)	N-DOCOSANE	13.693	6686913	45.024 ug/ml
10)	N-TETRACOSANE	14.792	6561195	44.394 ug/ml
11)	N-HEXACOSANE	15.807	6366758	43.934 ug/ml
12)	N-OCTACOSANE	16.752	6261167	43.715 ug/ml
13)	N-TRIACONTANE	17.634	6177898	43.650 ug/ml
14)	N-DOTRIACONTANE	18.462	5784055	42.910 ug/ml
15)	N-TETRATRIACONTANE	19.242	5213404	46.169 ug/ml
16)	N-HEXATRIACONTANE	19.978	4266494	46.455 ug/ml
17)	N-OCTATRIACONTANE	20.694	3380084	48.952 ug/ml
18)	N-TETRACONTANE	21.561	2953319	42.678 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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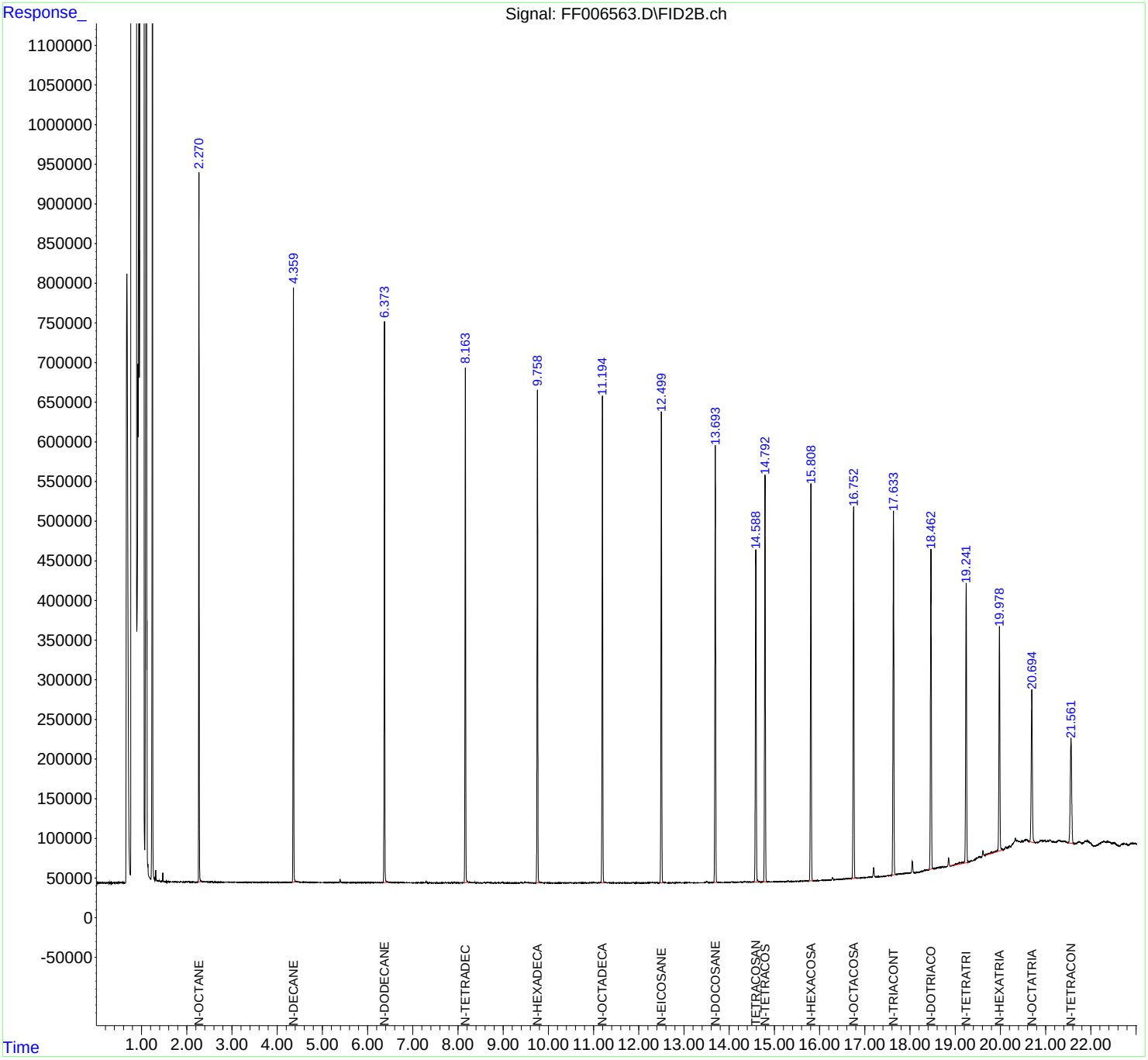
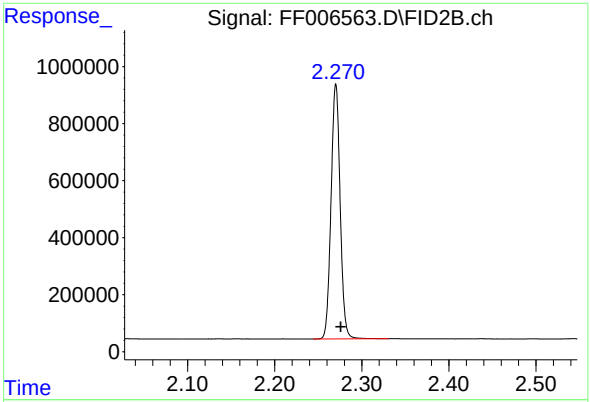
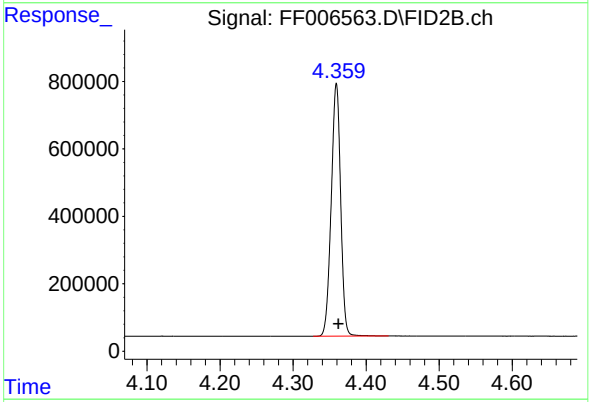




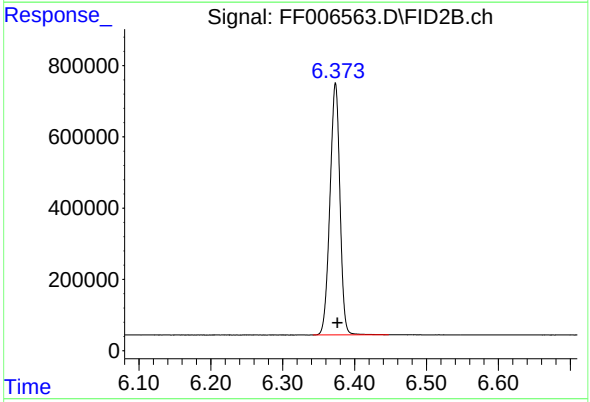
#1 N-OCTANE

R.T.: 2.270 min
Delta R.T.: -0.006 min
Response: 6490480
Conc: 47.67 ug/ml



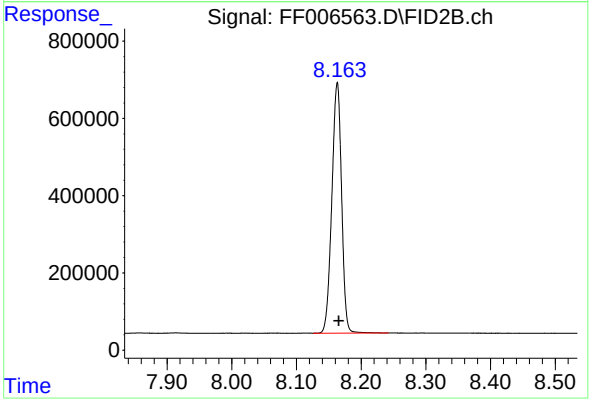
#2 N-DECANE

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 6707139
Conc: 48.73 ug/ml



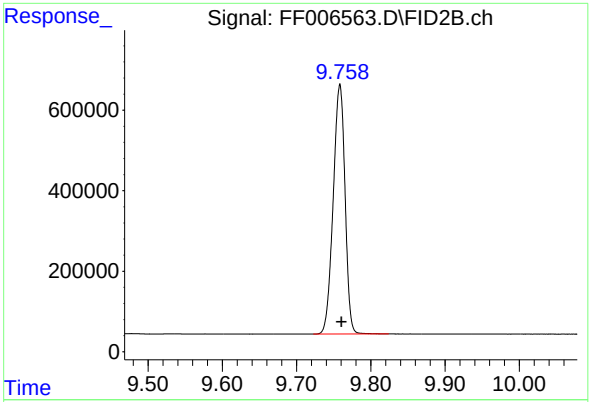
#3 N-DODECANE

R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 6822384
Conc: 48.37 ug/ml



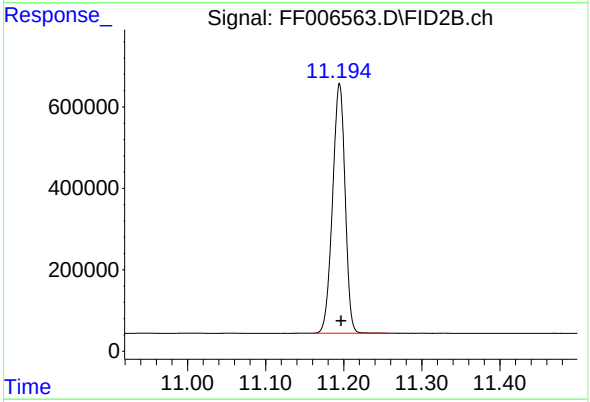
#4 N-TETRADECANE

R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 6790725
Conc: 47.48 ug/ml



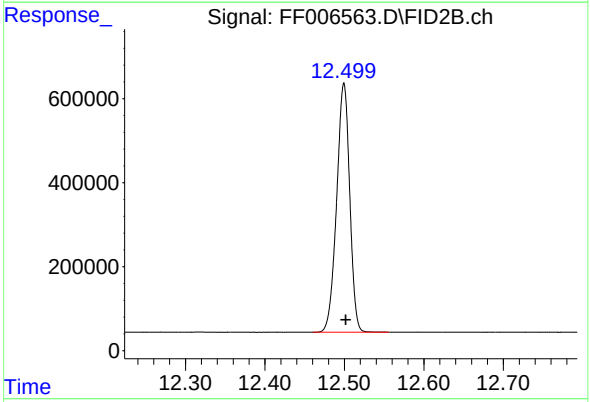
#5 N-HEXADECANE

R.T.: 9.758 min
Delta R.T.: -0.002 min
Response: 6868473
Conc: 46.86 ug/ml



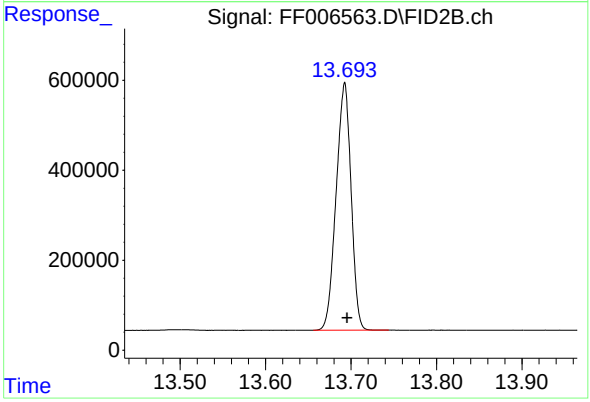
#6 N-OCTADECANE

R.T.: 11.195 min
Delta R.T.: -0.002 min
Response: 6847287
Conc: 46.34 ug/ml



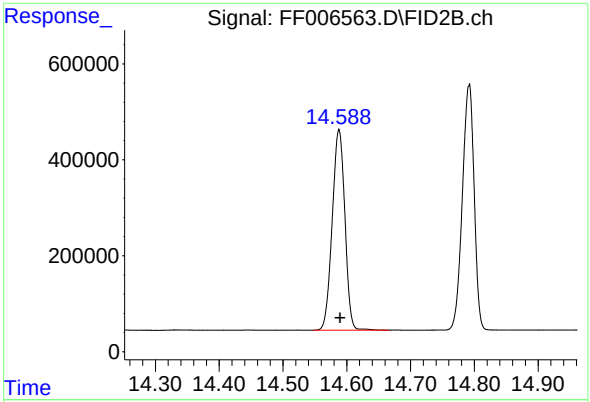
#7 N-EICOSANE

R.T.: 12.499 min
Delta R.T.: -0.002 min
Response: 6783160
Conc: 45.64 ug/ml



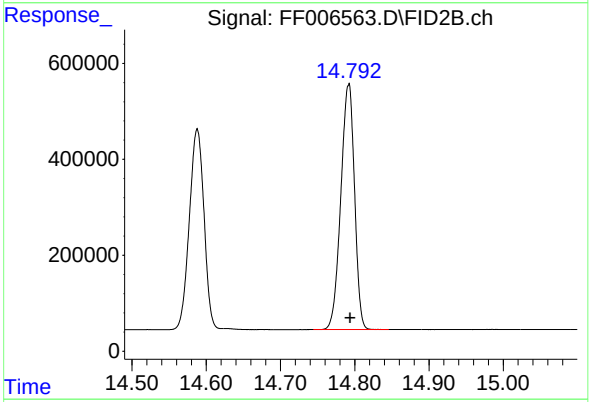
#8 N-DOCOSANE

R.T.: 13.693 min
Delta R.T.: -0.003 min
Response: 6686913
Conc: 45.02 ug/ml



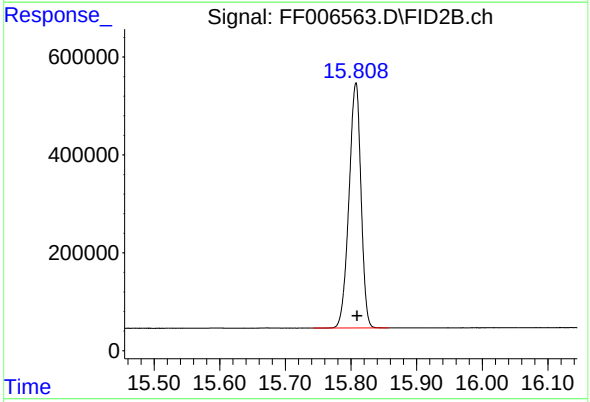
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.588 min
Delta R.T.: -0.002 min
Response: 5759320
Conc: 44.75 ug/ml



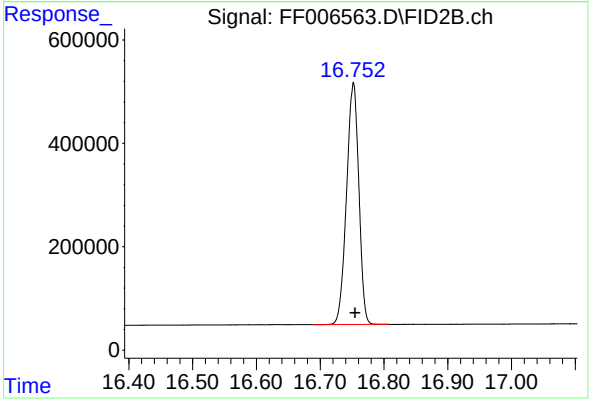
#10 N-TETRACOSANE

R.T.: 14.792 min
Delta R.T.: -0.002 min
Response: 6561195
Conc: 44.39 ug/ml



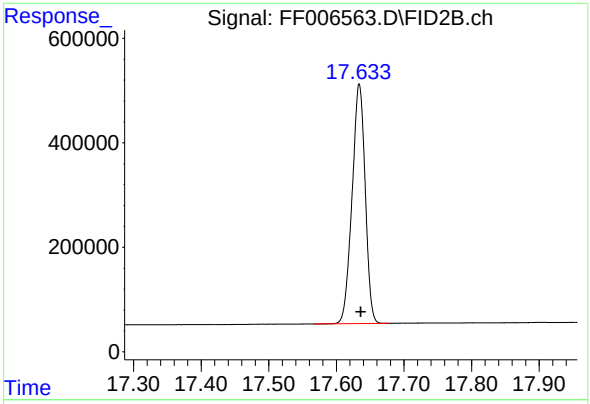
#11 N-HEXACOSANE

R.T.: 15.807 min
Delta R.T.: -0.002 min
Response: 6366758
Conc: 43.93 ug/ml



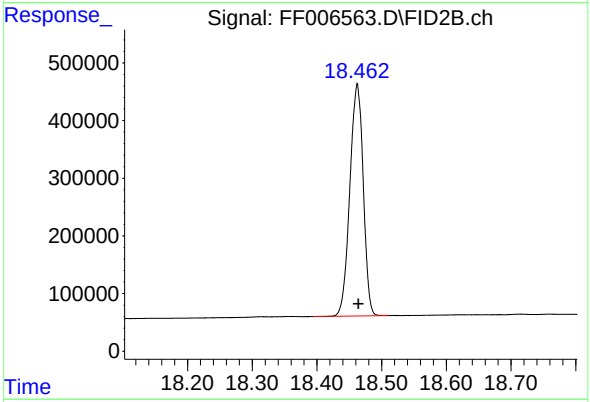
#12 N-OCTACOSANE

R.T.: 16.752 min
Delta R.T.: -0.002 min
Response: 6261167
Conc: 43.72 ug/ml



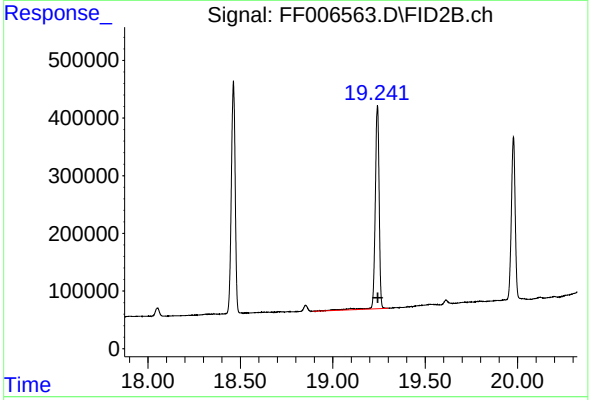
#13 N-TRIACONTANE

R.T.: 17.634 min
Delta R.T.: -0.002 min
Response: 6177898
Conc: 43.65 ug/ml



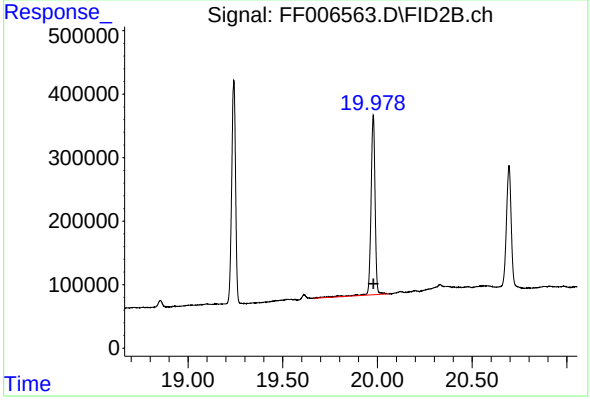
#14 N-DOTRIACONTANE

R.T.: 18.462 min
Delta R.T.: -0.002 min
Response: 5784055
Conc: 42.91 ug/ml



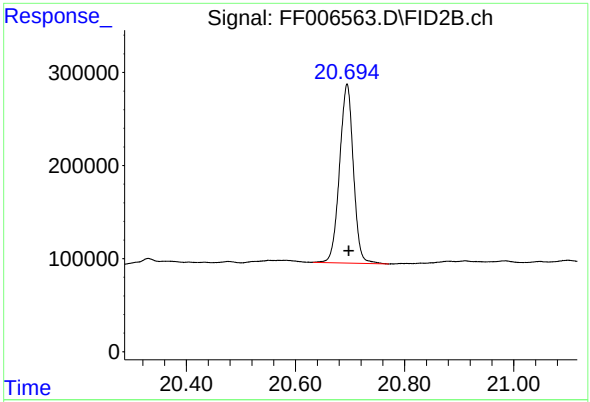
#15 N-TETRATRIACONTANE

R.T.: 19.242 min
Delta R.T.: -0.002 min
Response: 5213404
Conc: 46.17 ug/ml



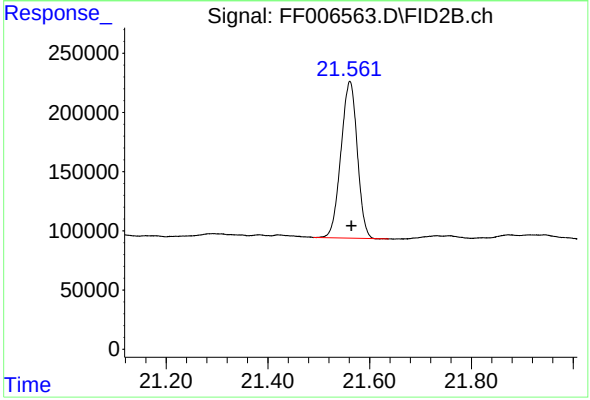
#16 N-HEXATRIACONTANE

R.T.: 19.978 min
Delta R.T.: -0.001 min
Response: 4266494
Conc: 46.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.694 min
Delta R.T.: -0.003 min
Response: 3380084
Conc: 48.95 ug/ml



#18 N-TETRACONTANE

R.T.: 21.561 min
Delta R.T.: -0.003 min
Response: 2953319
Conc: 42.68 ug/ml