

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011024\
 Data File : FF013917.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2024 11:59
 Operator : YP\AJ
 Sample : COAL TAR
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 01:18:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF010224.M
 Quant Title :
 QLast Update : Wed Jan 03 03:19:15 2024
 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...	14.994	9826817	81.203 ug/ml
Target Compounds			
1) N-OCTANE	1.944f	47889	0.418 ug/ml
2) N-DECANE	4.549	96276	0.810 ug/ml
3) N-DODECANE	6.722	145584943	1193.381 ug/ml
4) N-TETRADECANE	8.505	41076794	331.182 ug/ml
5) N-HEXADECANE	10.099	5057658	39.623 ug/ml
6) N-OCTADECANE	11.544	4756196	36.954 ug/ml
7) N-EICOSANE	12.874	7579680	58.570 ug/ml
8) N-DOCOSANE	14.047	9509229	75.261 ug/ml
10) N-TETRACOSANE	15.177	83143894	652.056 ug/ml
11) N-HEXACOSANE	16.196	3871797	30.679 ug/ml
12) N-OCTACOSANE	17.172	9919054	79.146 ug/ml
13) N-TRIACONTANE	18.034	1411152	11.299 ug/ml
14) N-DOTRIACONTANE	18.879	2340283	18.232 ug/ml
15) N-TETRATRIACONTANE	19.645	608867	6.034 ug/ml
16) N-HEXATRIACONTANE	20.384	161697	2.000 ug/ml
17) N-OCTATRIACONTANE	21.117	199753	2.966 ug/ml
18) N-TETRACONTANE	21.961	860514	10.581 ug/ml

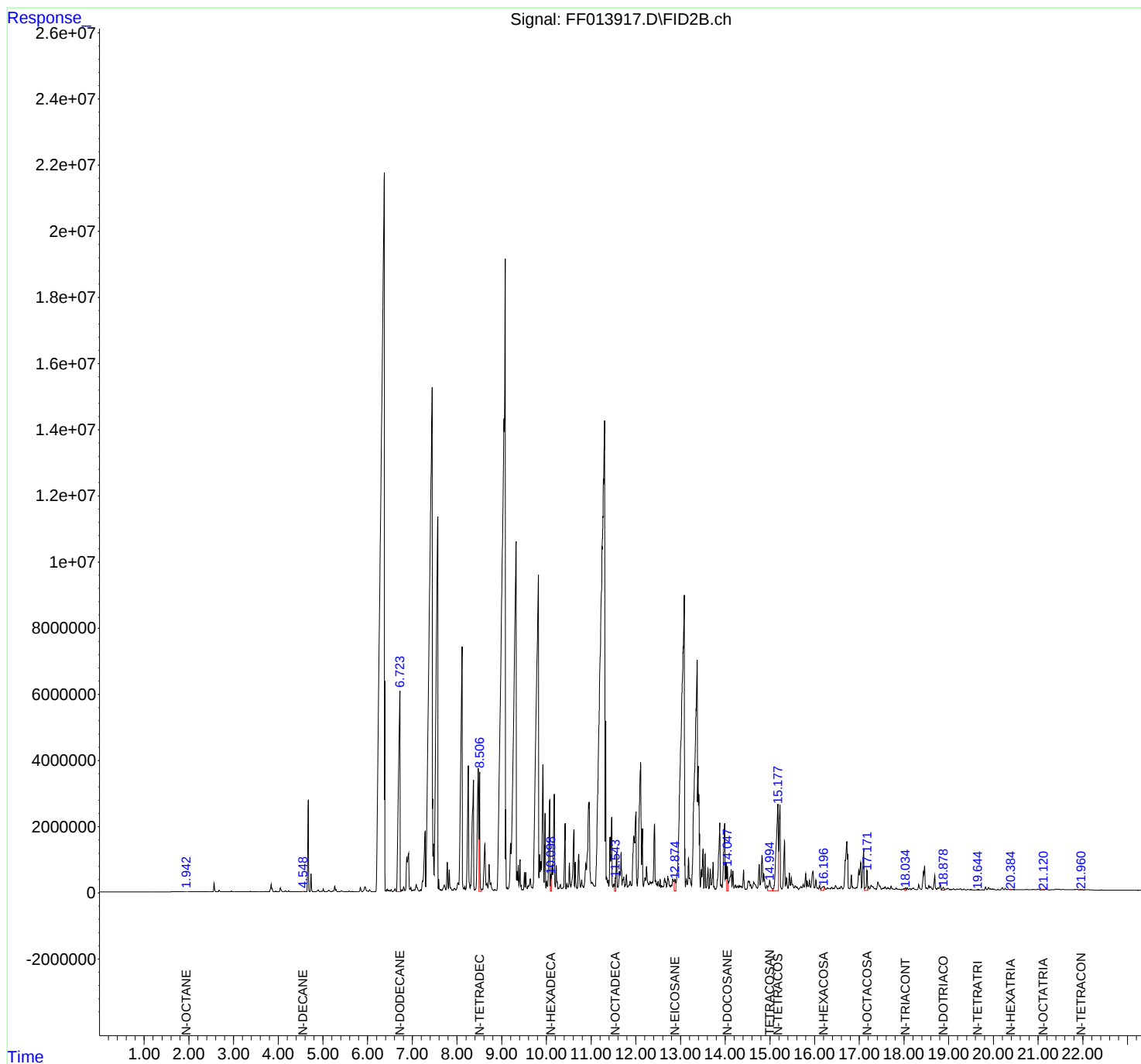
(f)=RT Delta > 1/2 Window

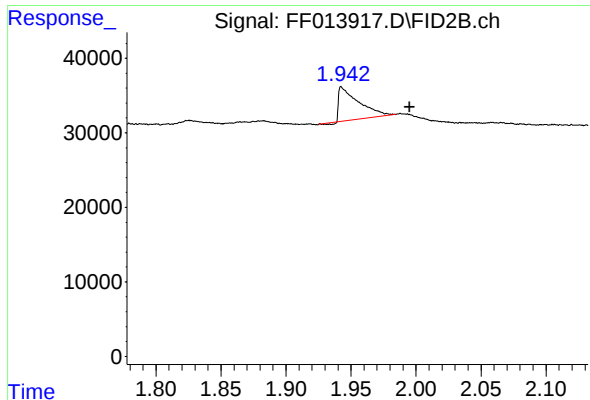
(m)=manual int.

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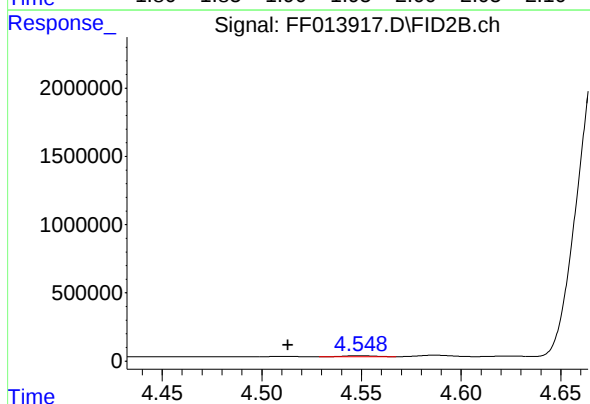
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





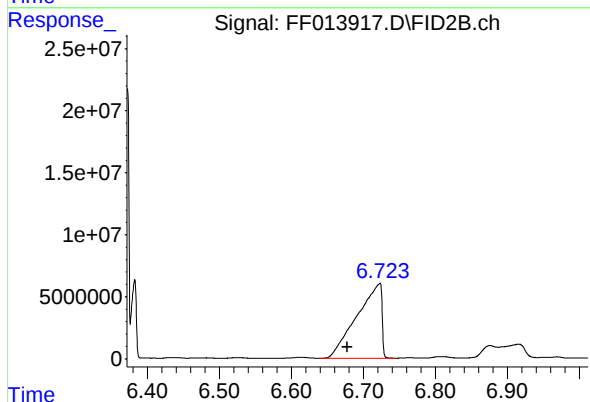
#1 N-OCTANE

R.T.: 1.944 min
Delta R.T.: -0.051 min
Response: 47889
Conc: 0.42 ug/ml



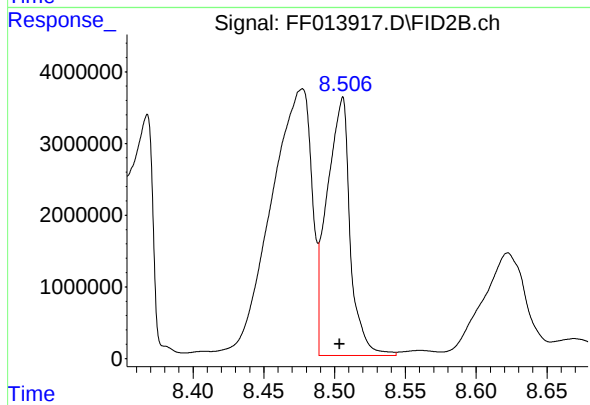
#2 N-DECANE

R.T.: 4.549 min
Delta R.T.: 0.036 min
Response: 96276
Conc: 0.81 ug/ml



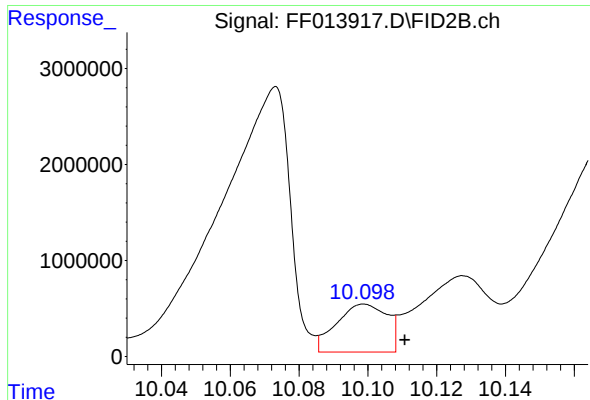
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: 0.045 min
Response: 145584943
Conc: 1193.38 ug/ml



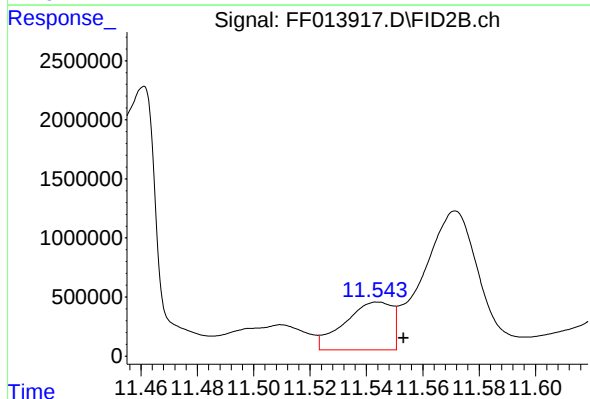
#4 N-TETRADECANE

R.T.: 8.505 min
Delta R.T.: 0.002 min
Response: 41076794
Conc: 331.18 ug/ml



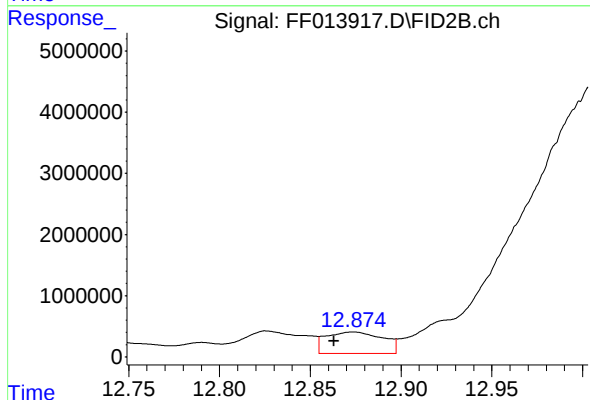
#5 N-HEXADECANE

R.T.: 10.099 min
Delta R.T.: -0.012 min
Response: 5057658
Conc: 39.62 ug/ml



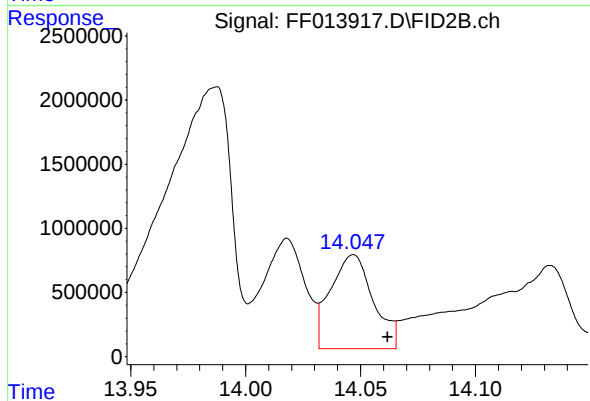
#6 N-OCTADECANE

R.T.: 11.544 min
Delta R.T.: -0.009 min
Response: 4756196
Conc: 36.95 ug/ml



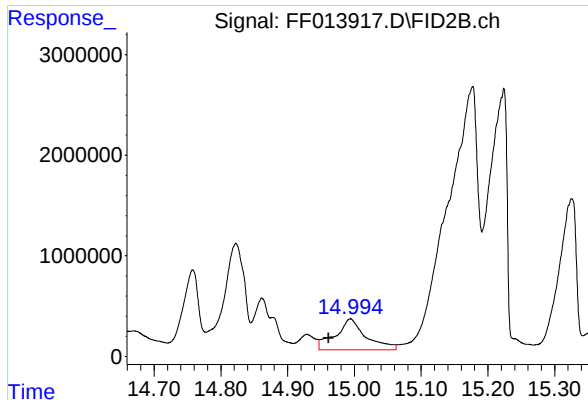
#7 N-EICOSANE

R.T.: 12.874 min
Delta R.T.: 0.011 min
Response: 7579680
Conc: 58.57 ug/ml



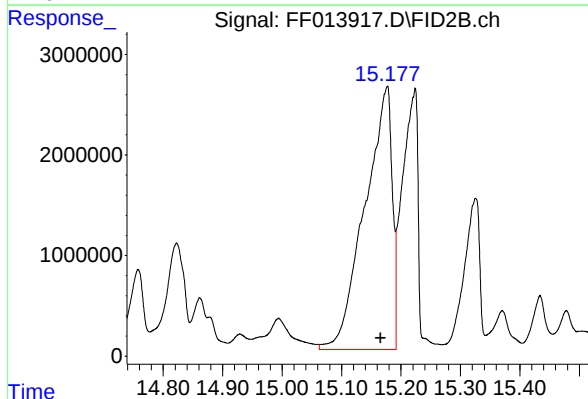
#8 N-DOCOSANE

R.T.: 14.047 min
Delta R.T.: -0.015 min
Response: 9509229
Conc: 75.26 ug/ml



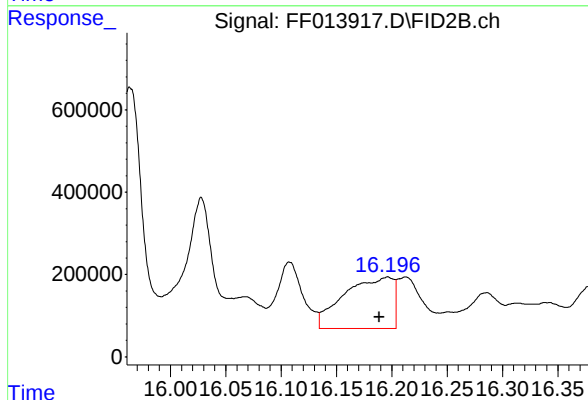
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.994 min
Delta R.T.: 0.032 min
Response: 9826817
Conc: 81.20 ug/ml



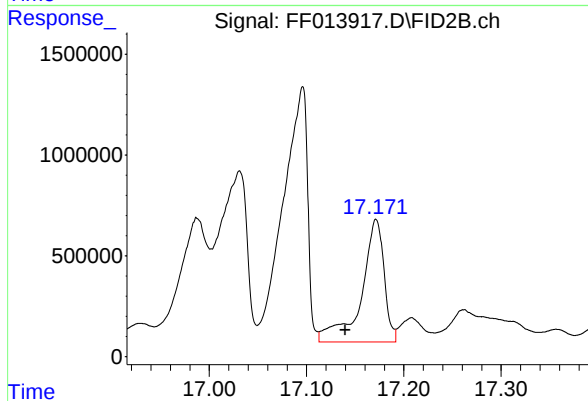
#10 N-TETRACOSANE

R.T.: 15.177 min
Delta R.T.: 0.011 min
Response: 83143894
Conc: 652.06 ug/ml



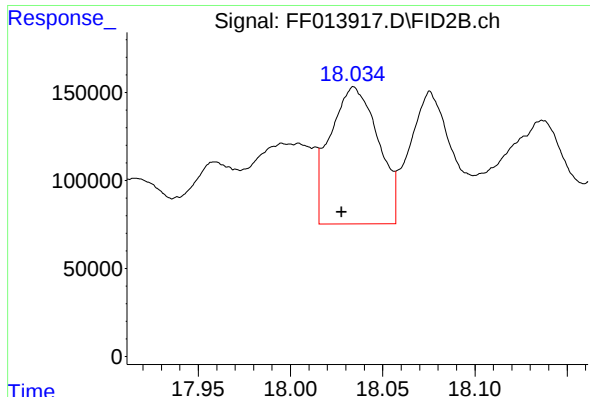
#11 N-HEXACOSANE

R.T.: 16.196 min
Delta R.T.: 0.008 min
Response: 3871797
Conc: 30.68 ug/ml



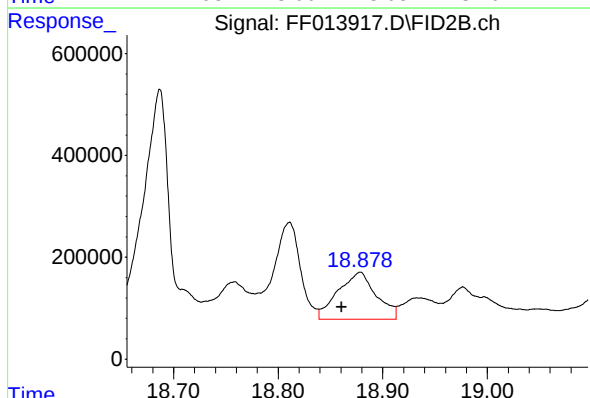
#12 N-OCTACOSANE

R.T.: 17.172 min
Delta R.T.: 0.032 min
Response: 9919054
Conc: 79.15 ug/ml



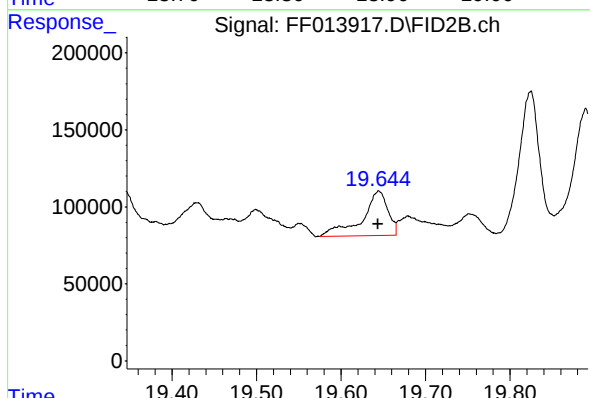
#13 N-TRIACONTANE

R.T.: 18.034 min
Delta R.T.: 0.007 min
Response: 1411152
Conc: 11.30 ug/ml



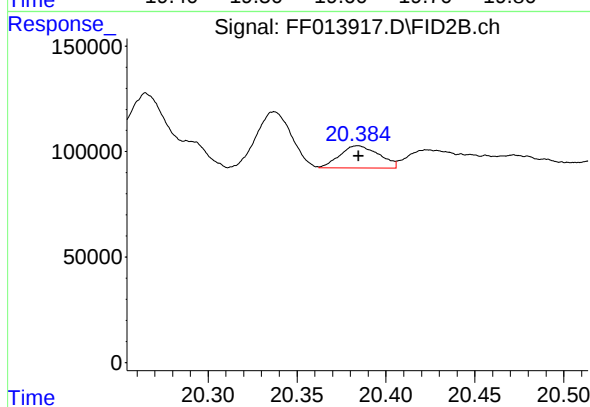
#14 N-DOTRIACONTANE

R.T.: 18.879 min
Delta R.T.: 0.018 min
Response: 2340283
Conc: 18.23 ug/ml



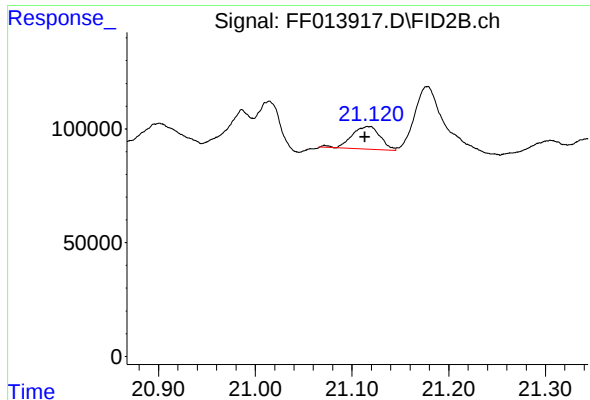
#15 N-TETRATRIACONTANE

R.T.: 19.645 min
Delta R.T.: 0.001 min
Response: 608867
Conc: 6.03 ug/ml



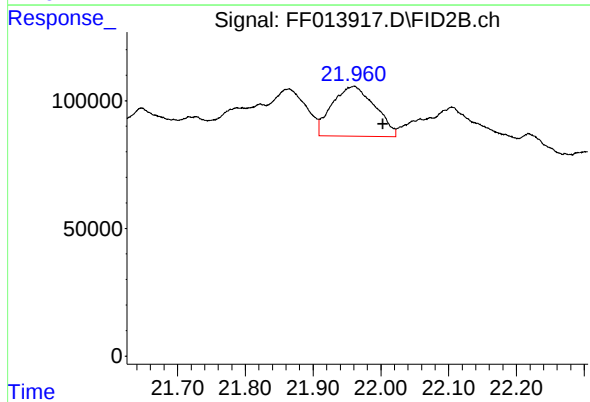
#16 N-HEXATRIACONTANE

R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 161697
Conc: 2.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.117 min
Delta R.T.: 0.004 min
Response: 199753
Conc: 2.97 ug/ml



#18 N-TETRACONTANE

R.T.: 21.961 min
Delta R.T.: -0.043 min
Response: 860514
Conc: 10.58 ug/ml