Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG063022\
Data File : FG010044.D
Signal(s) : FID1A.ch
Acq On : 30 Jun 2022 13:49
Operator : AJ\MA
Sample : N3214-10
Misc : 1 PPM WATER LOD
ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jul 01 02:07:17 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062922.M
Quant Title :
QLast Update : Thu Jun 30 04:15:08 2022
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...	14.813	2411142	20.278 ug/ml
	Target Compounds			
1)	N-OCTANE	1.830	125388	1.009 ug/ml
2)	N-DECANE	4.337	141324	1.112 ug/ml
3)	N-DODECANE	6.516	144045	1.114 ug/ml
4)	N-TETRADECANE	8.347	145193	1.101 ug/ml
5)	N-HEXADECANE	9.955	150380	1.127 ug/ml
6)	N-OCTADECANE	11.399	155499	1.150 ug/ml
7)	N-EICOSANE	12.710	158838	1.186 ug/ml
8)	N-DOCOSANE	13.910	156151	1.167 ug/ml
10)	N-TETRACOSANE	15.016	155858	1.176 ug/ml
11)	N-HEXACOSANE	16.038	158197	1.207 ug/ml
12)	N-OCTACOSANE	16.989	176218	1.372 ug/ml
13)	N-TRIACONTANE	17.877	219756	1.747 ug/ml
14)	N-DOTRIACONTANE	18.712	226695	1.916 ug/ml
15)	N-TETRATRIACONTANE	19.499	190422	1.792 ug/ml
16)	N-HEXATRIACONTANE	20.238	140987	1.584 ug/ml
17)	N-OCTATRIACONTANE	20.952	114114	1.465 ug/ml
18)	N-TETRACONTANE	21.798	108464	1.384 ug/mlm

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

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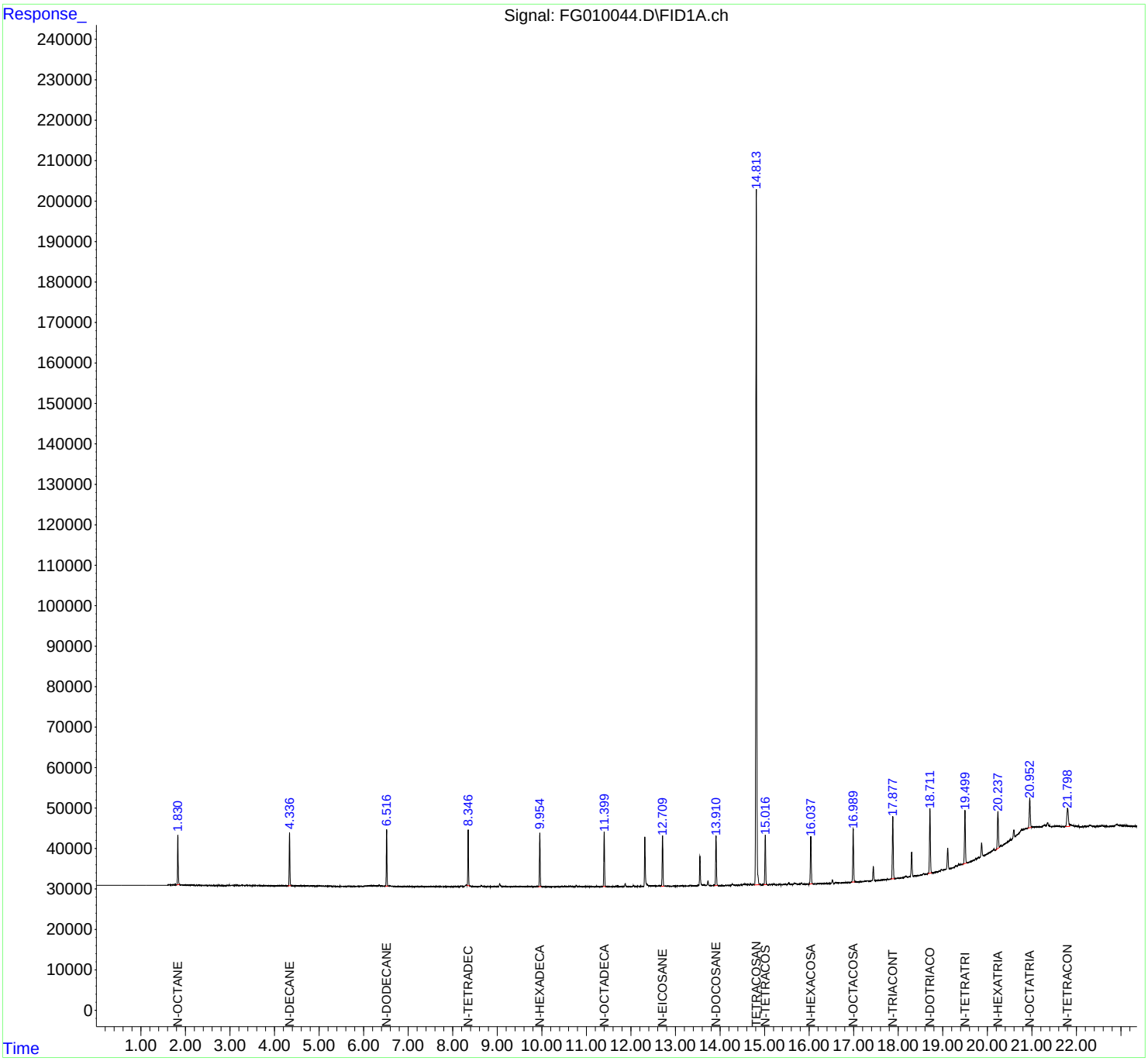
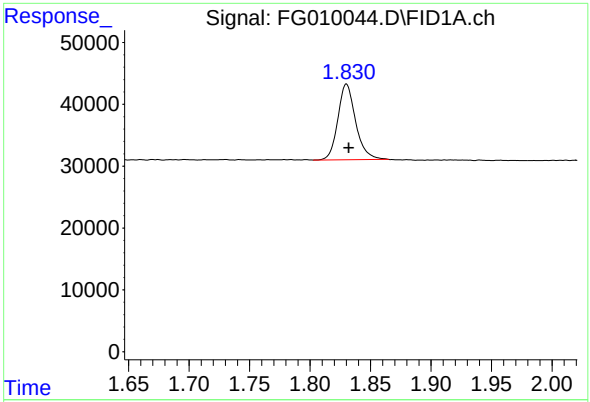
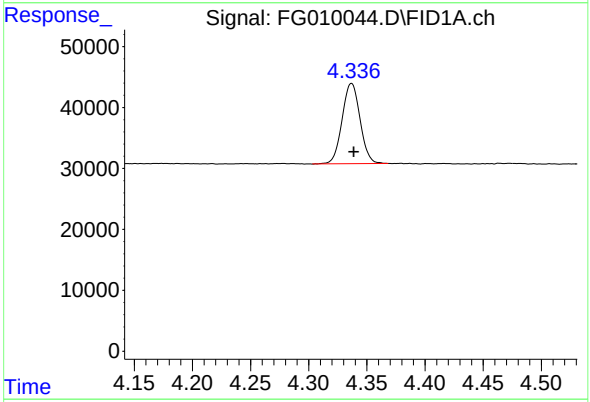




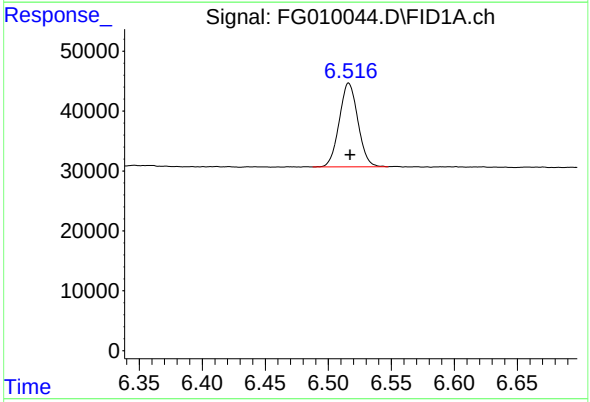
#1 N-OCTANE

R.T.: 1.830 min
Delta R.T.: -0.002 min
Response: 125388
Conc: 1.01 ug/ml



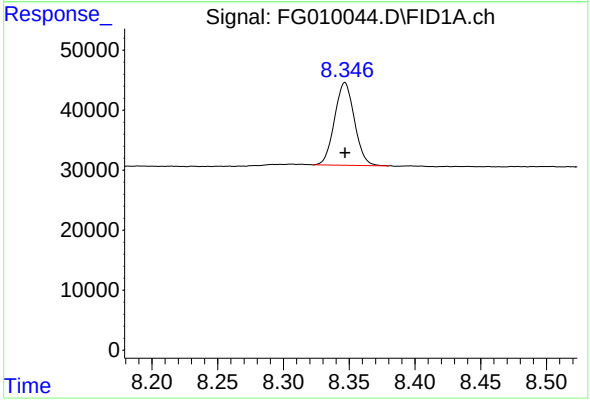
#2 N-DECANE

R.T.: 4.337 min
Delta R.T.: -0.002 min
Response: 141324
Conc: 1.11 ug/ml



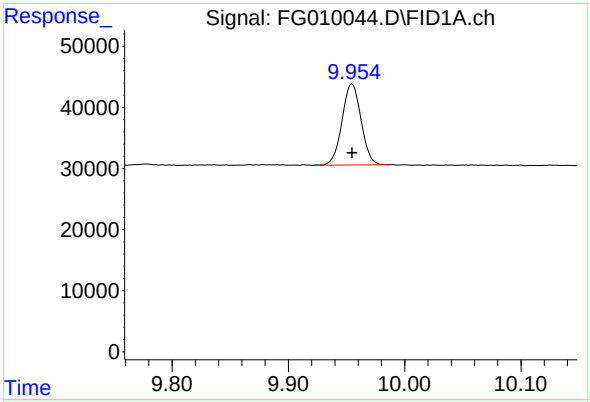
#3 N-DODECANE

R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 144045
Conc: 1.11 ug/ml



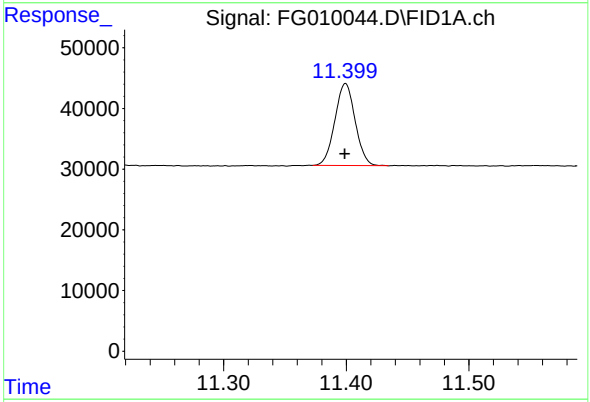
#4 N-TETRADECANE

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 145193
Conc: 1.10 ug/ml



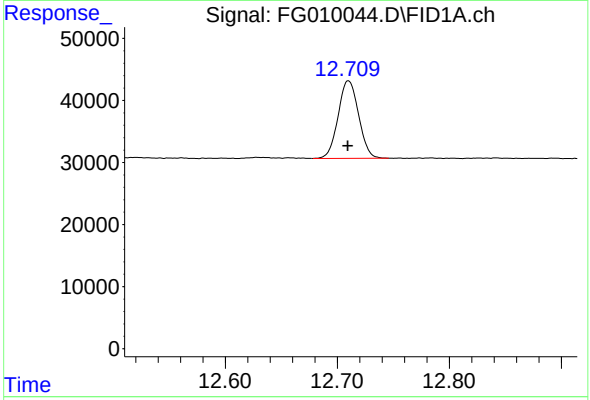
#5 N-HEXADECANE

R.T.: 9.955 min
Delta R.T.: 0.000 min
Response: 150380
Conc: 1.13 ug/ml



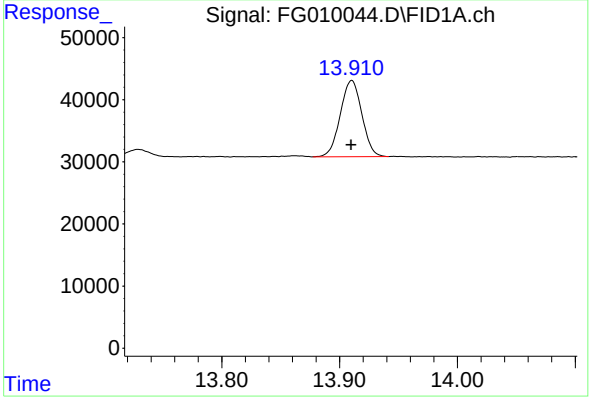
#6 N-OCTADECANE

R.T.: 11.399 min
Delta R.T.: 0.000 min
Response: 155499
Conc: 1.15 ug/ml



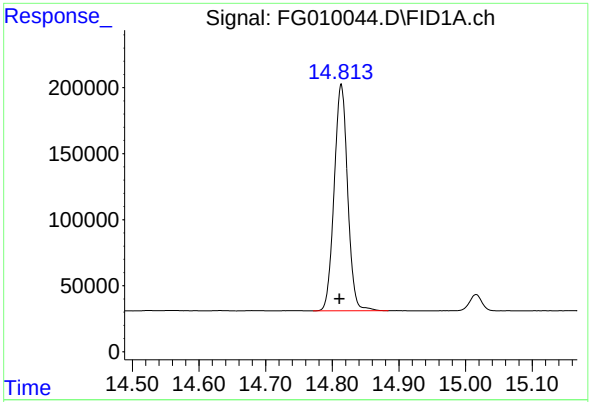
#7 N-EICOSANE

R.T.: 12.710 min
Delta R.T.: 0.000 min
Response: 158838
Conc: 1.19 ug/ml



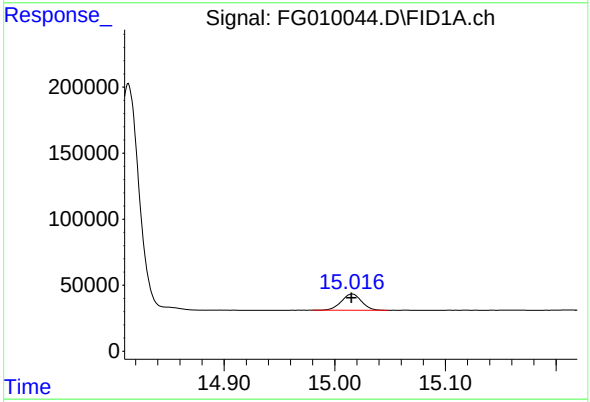
#8 N-DOCOSANE

R.T.: 13.910 min
Delta R.T.: 0.000 min
Response: 156151
Conc: 1.17 ug/ml



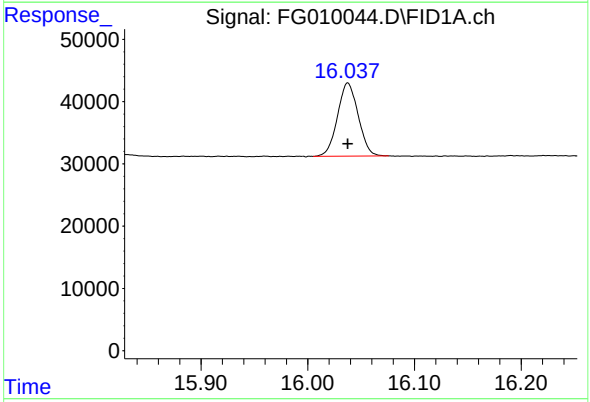
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.813 min
Delta R.T.: 0.003 min
Response: 2411142
Conc: 20.28 ug/ml



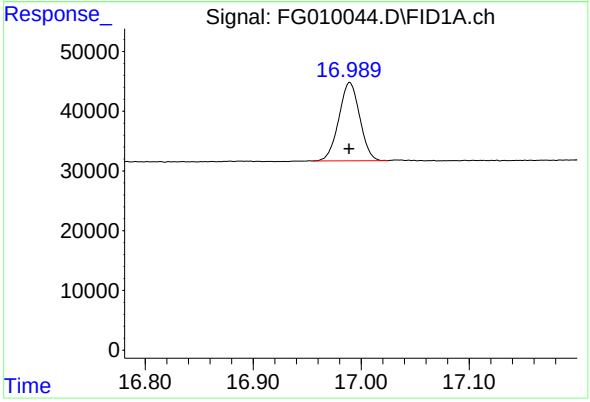
#10 N-TETRACOSANE

R.T.: 15.016 min
Delta R.T.: 0.000 min
Response: 155858
Conc: 1.18 ug/ml



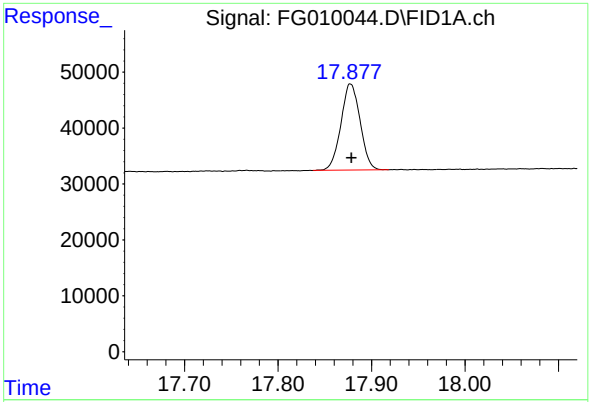
#11 N-HEXACOSANE

R.T.: 16.038 min
Delta R.T.: 0.000 min
Response: 158197
Conc: 1.21 ug/ml



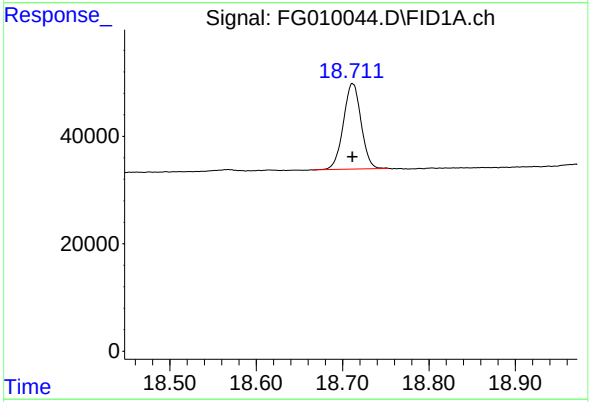
#12 N-OCTACOSANE

R.T.: 16.989 min
Delta R.T.: 0.000 min
Response: 176218
Conc: 1.37 ug/ml



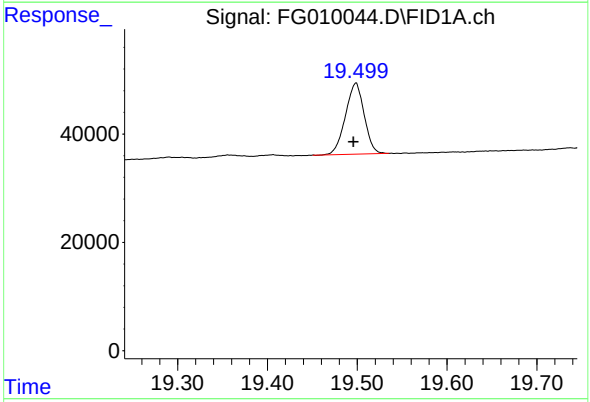
#13 N-TRIACONTANE

R.T.: 17.877 min
Delta R.T.: -0.001 min
Response: 219756
Conc: 1.75 ug/ml



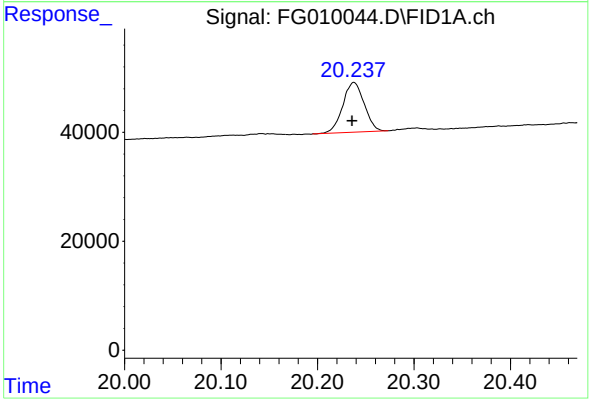
#14 N-DOTRIACONTANE

R.T.: 18.712 min
Delta R.T.: 0.000 min
Response: 226695
Conc: 1.92 ug/ml



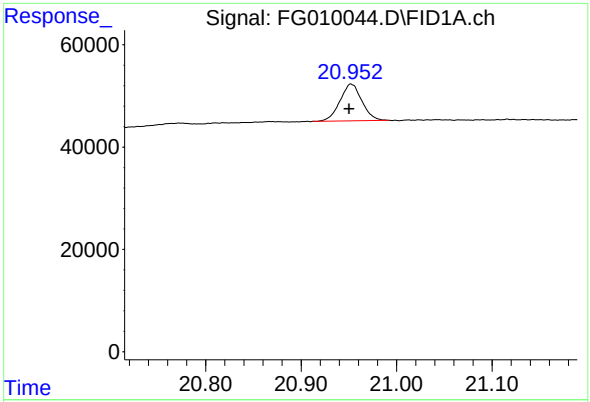
#15 N-TETRATRIACONTANE

R.T.: 19.499 min
Delta R.T.: 0.003 min
Response: 190422
Conc: 1.79 ug/ml



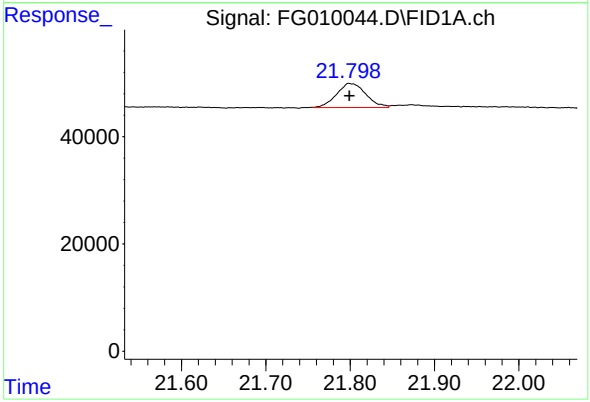
#16 N-HEXATRIACONTANE

R.T.: 20.238 min
Delta R.T.: 0.002 min
Response: 140987
Conc: 1.58 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.952 min
Delta R.T.: 0.002 min
Response: 114114
Conc: 1.47 ug/ml



#18 N-TETRACONTANE

R.T.: 21.798 min
Delta R.T.: 0.000 min
Response: 108464
Conc: 1.38 ug/ml m