Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092718\
Data File : FG002420.D
Signal(s) : FID1A.ch
Acq On : 27 Sep 2018 10:26
Operator : AJ\SJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 01:18:23 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG083018.M
Quant Title :
QLast Update : Thu Aug 30 14:49:31 2018
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...	14.420	5978496	47.387 ug/ml
	Target Compounds			
1)	N-OCTANE	2.101	6895938	58.287 ug/ml
2)	N-DECANE	4.171	7166475	59.703 ug/ml
3)	N-DODECANE	6.185	7297057	57.983 ug/ml
4)	N-TETRADECANE	7.977	7317378	55.739 ug/ml
5)	N-HEXADECANE	9.576	7325267	53.818 ug/ml
6)	N-OCTADECANE	11.015	7288215	51.886 ug/ml
7)	N-EICOSANE	12.323	7135787	50.228 ug/ml
8)	N-DOCOSANE	13.520	7021823	49.200 ug/ml
10)	N-TETRACOSANE	14.623	6895747	48.235 ug/ml
11)	N-HEXACOSANE	15.644	6783547	47.247 ug/ml
12)	N-OCTACOSANE	16.594	6782453	46.356 ug/ml
13)	N-TRIACONTANE	17.482	6882280	45.371 ug/ml
14)	N-DOTRIACONTANE	18.317	6866319	46.555 ug/ml
15)	N-TETRATRIACONTANE	19.102	6865091	49.760 ug/mlm
16)	N-HEXATRIACONTANE	19.845	6696341	52.215 ug/ml
17)	N-OCTATRIACONTANE	20.555	6064430	53.944 ug/ml
18)	N-TETRACONTANE	21.372	6064739	55.885 ug/ml

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

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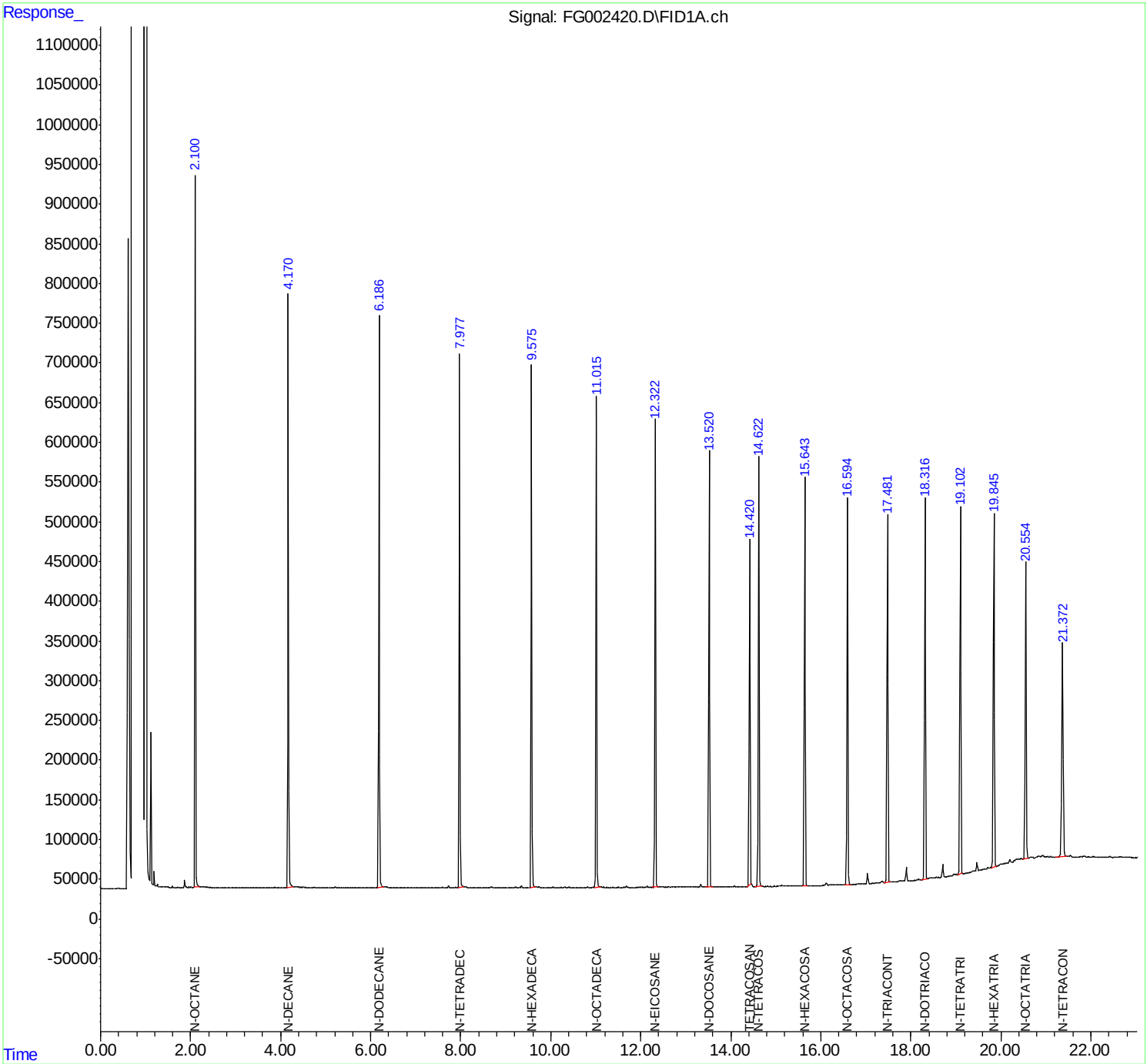
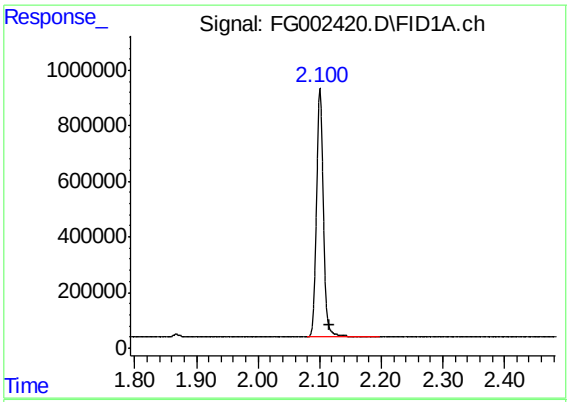
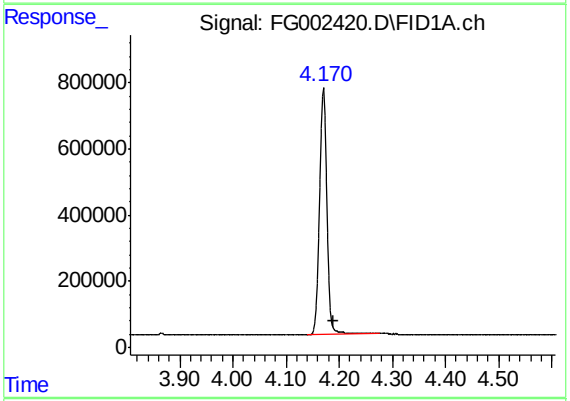




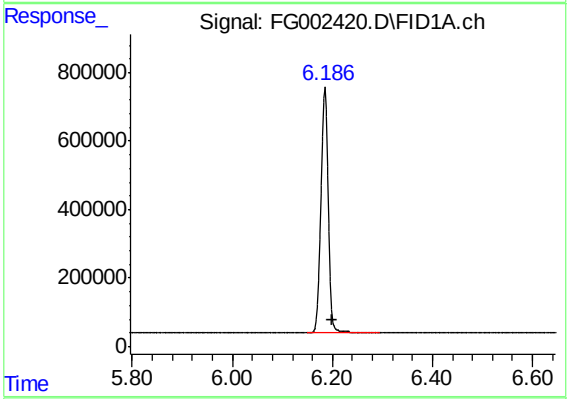
#1 N-OCTANE

R.T.: 2.101 min
Delta R.T.: -0.016 min
Response: 6895938
Conc: 58.29 ug/ml



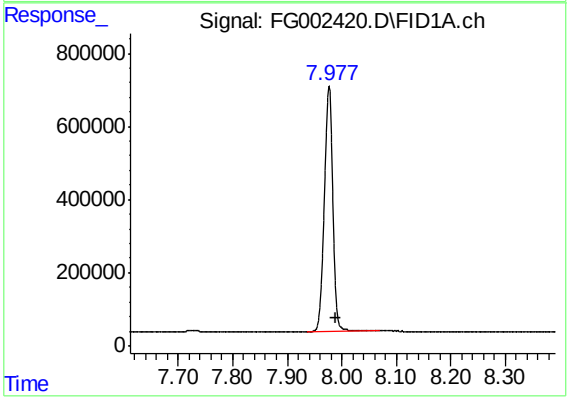
#2 N-DECANE

R.T.: 4.171 min
Delta R.T.: -0.018 min
Response: 7166475
Conc: 59.70 ug/ml



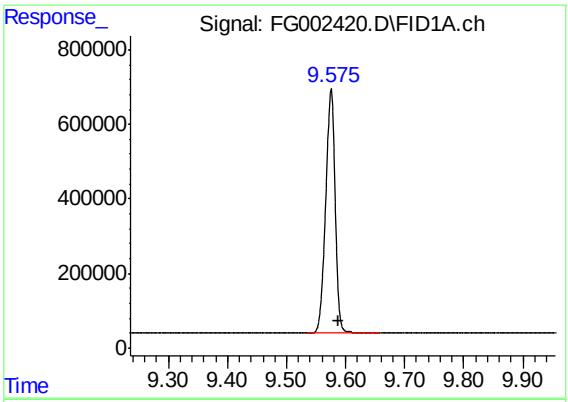
#3 N-DODECANE

R.T.: 6.185 min
Delta R.T.: -0.015 min
Response: 7297057
Conc: 57.98 ug/ml



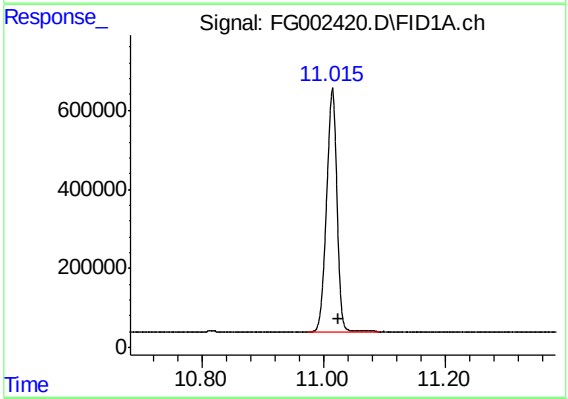
#4 N-TETRADECANE

R.T.: 7.977 min
Delta R.T.: -0.013 min
Response: 7317378
Conc: 55.74 ug/ml



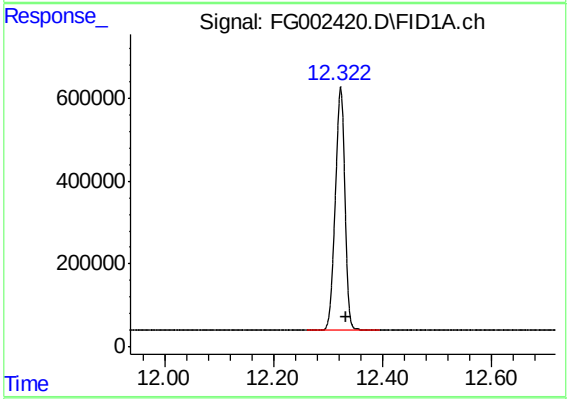
#5 N-HEXADECANE

R.T.: 9.576 min
Delta R.T.: -0.012 min
Response: 7325267
Conc: 53.82 ug/ml



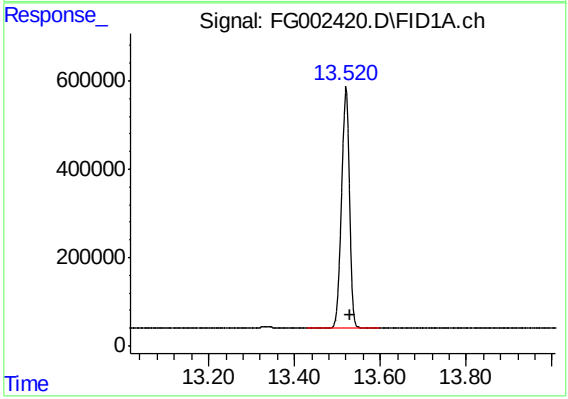
#6 N-OCTADECANE

R.T.: 11.015 min
Delta R.T.: -0.011 min
Response: 7288215
Conc: 51.89 ug/ml



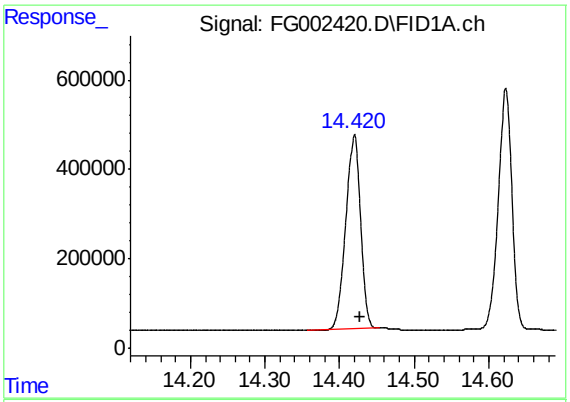
#7 N-EICOSANE

R.T.: 12.323 min
Delta R.T.: -0.009 min
Response: 7135787
Conc: 50.23 ug/ml



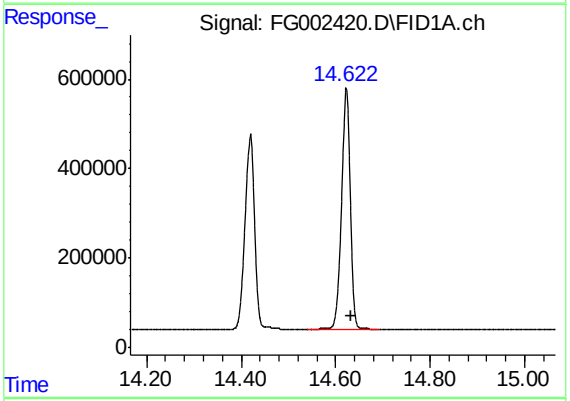
#8 N-DOCOSANE

R.T.: 13.520 min
Delta R.T.: -0.009 min
Response: 7021823
Conc: 49.20 ug/ml



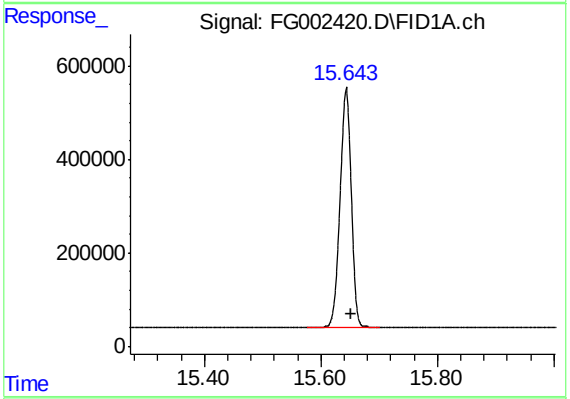
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.420 min
Delta R.T.: -0.008 min
Response: 5978496
Conc: 47.39 ug/ml



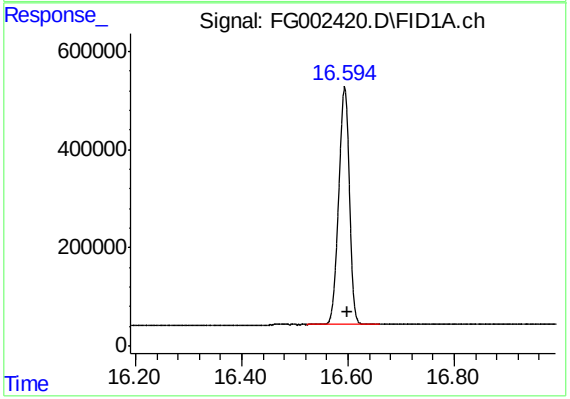
#10 N-TETRACOSANE

R.T.: 14.623 min
Delta R.T.: -0.009 min
Response: 6895747
Conc: 48.24 ug/ml



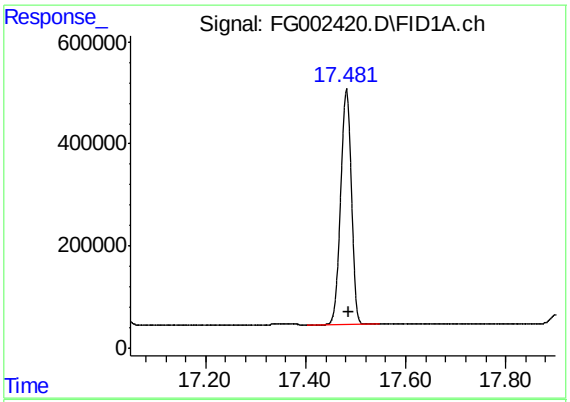
#11 N-HEXACOSANE

R.T.: 15.644 min
Delta R.T.: -0.008 min
Response: 6783547
Conc: 47.25 ug/ml



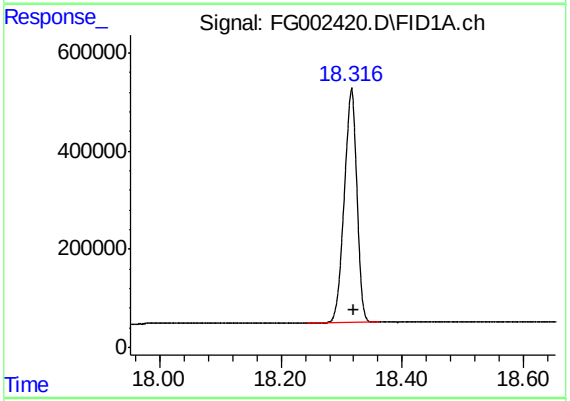
#12 N-OCTACOSANE

R.T.: 16.594 min
Delta R.T.: -0.006 min
Response: 6782453
Conc: 46.36 ug/ml



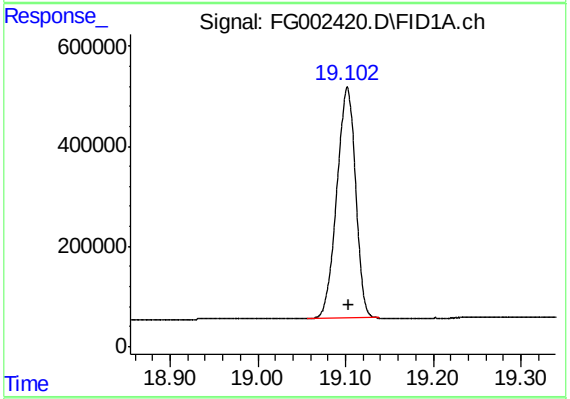
#13 N-TRIACONTANE

R.T.: 17.482 min
Delta R.T.: -0.005 min
Response: 6882280
Conc: 45.37 ug/ml



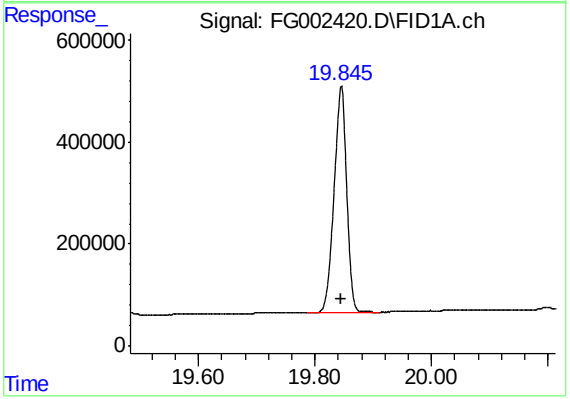
#14 N-DOTRIACONTANE

R.T.: 18.317 min
Delta R.T.: -0.003 min
Response: 6866319
Conc: 46.56 ug/ml



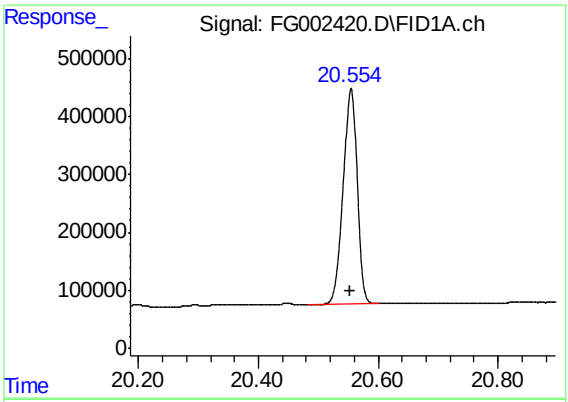
#15 N-TETRATRIACONTANE

R.T.: 19.102 min
Delta R.T.: -0.002 min
Response: 6865091
Conc: 49.76 ug/ml m



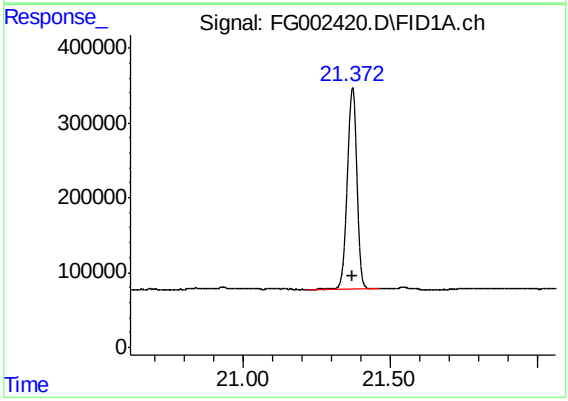
#16 N-HEXATRIACONTANE

R.T.: 19.845 min
Delta R.T.: 0.000 min
Response: 6696341
Conc: 52.22 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.555 min
Delta R.T.: 0.001 min
Response: 6064430
Conc: 53.94 ug/ml



#18 N-TETRACONTANE

R.T.: 21.372 min
Delta R.T.: 0.000 min
Response: 6064739
Conc: 55.88 ug/ml