Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100518\
Data File : FG002516.D
Signal(s) : FID1A.ch
Acq On : 05 Oct 2018 13:58
Operator : AJ\SJ
Sample : J5164-02
Misc : FID_G LOQ SOIL 10 PPM
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 06 00:42:27 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100118.M
Quant Title :
QLast Update : Mon Oct 01 12:36:17 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...	14.755	2315848	20.176 ug/ml
	Target Compounds			
1)	N-OCTANE	2.345	1121342	8.807 ug/ml
2)	N-DECANE	4.459	1418695	10.889 ug/ml
3)	N-DODECANE	6.487	1485873	11.259 ug/ml
4)	N-TETRADECANE	8.287	1507097	11.303 ug/ml
5)	N-HEXADECANE	9.893	1528310	11.393 ug/ml
6)	N-OCTADECANE	11.340	1541839	11.449 ug/ml
7)	N-EICOSANE	12.653	1532549	11.489 ug/ml
8)	N-DOCOSANE	13.854	1515102	11.482 ug/ml
10)	N-TETRACOSANE	14.959	1491294	11.471 ug/ml
11)	N-HEXACOSANE	15.983	1449028	11.280 ug/ml
12)	N-OCTACOSANE	16.933	1415601	11.165 ug/ml
13)	N-TRIACONTANE	17.823	1369659	10.885 ug/ml
14)	N-DOTRIACONTANE	18.658	1313500	10.699 ug/ml
15)	N-TETRATRIACONTANE	19.444	1169101	9.798 ug/ml
16)	N-HEXATRIACONTANE	20.186	1005834	9.066 ug/ml
17)	N-OCTATRIACONTANE	20.947	894302	9.123 ug/ml
18)	N-TETRACONTANE	21.898	924785	9.887 ug/ml

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

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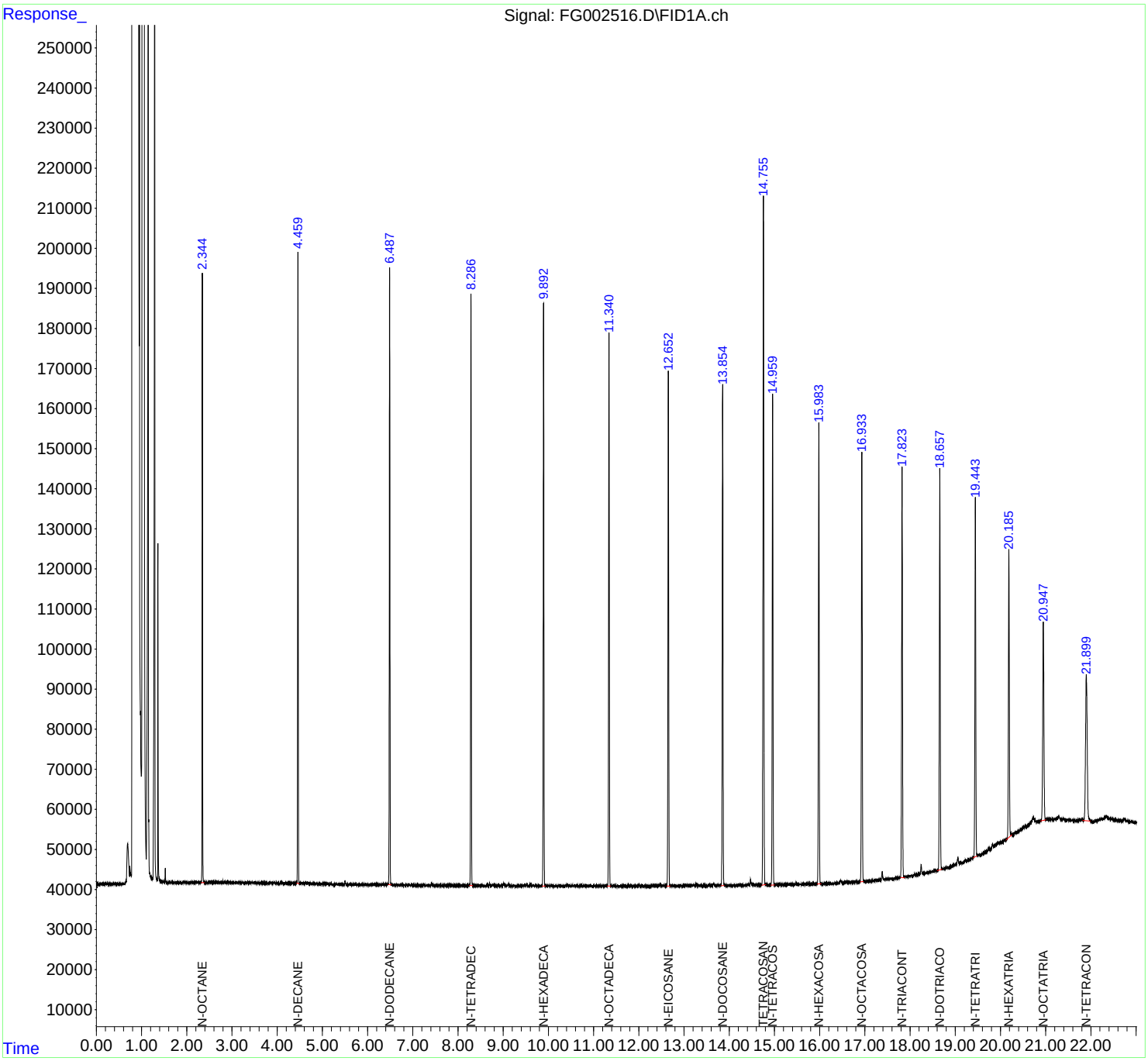
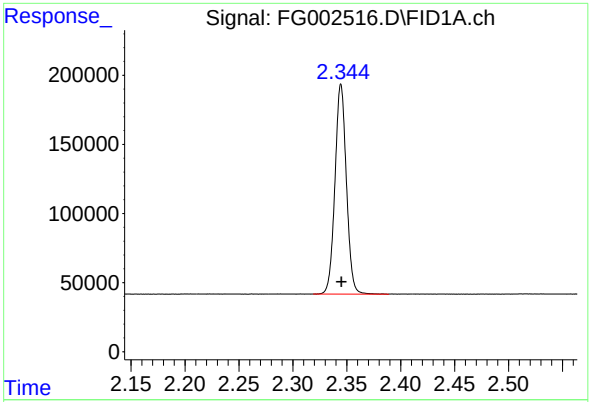
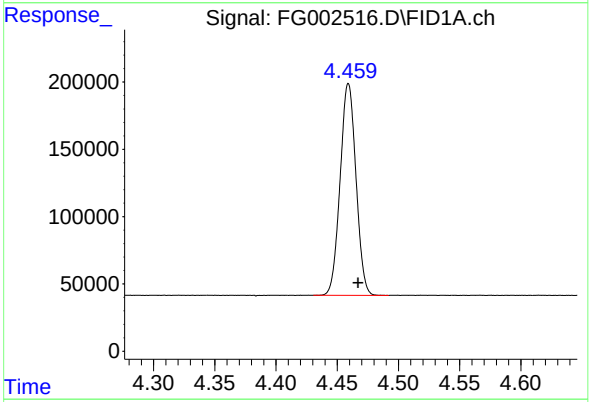




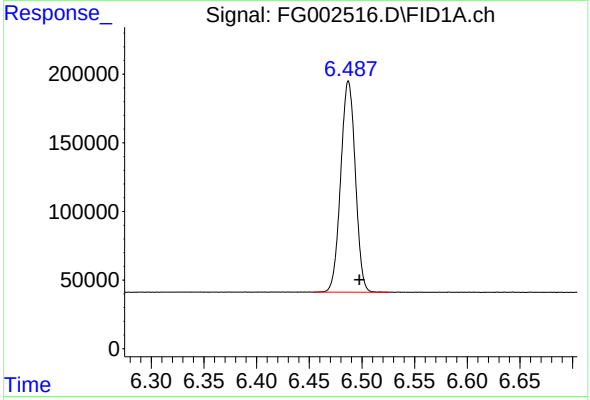
#1 N-OCTANE

R.T.: 2.345 min
Delta R.T.: 0.000 min
Response: 1121342
Conc: 8.81 ug/ml



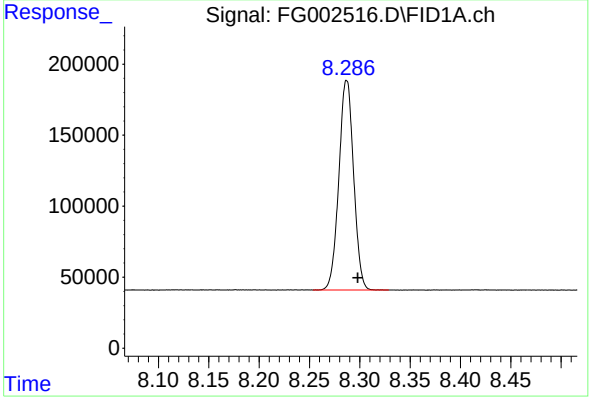
#2 N-DECANE

R.T.: 4.459 min
Delta R.T.: -0.008 min
Response: 1418695
Conc: 10.89 ug/ml



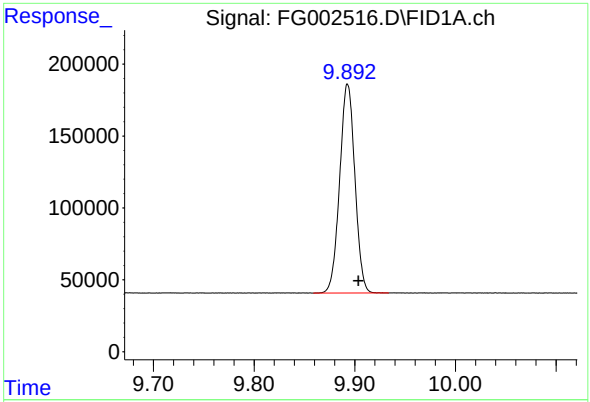
#3 N-DODECANE

R.T.: 6.487 min
Delta R.T.: -0.011 min
Response: 1485873
Conc: 11.26 ug/ml



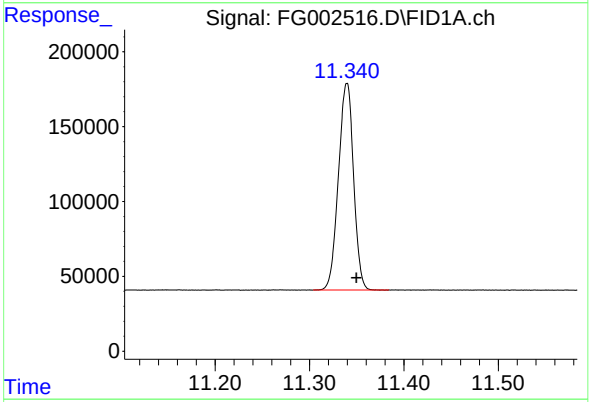
#4 N-TETRADECANE

R.T.: 8.287 min
Delta R.T.: -0.011 min
Response: 1507097
Conc: 11.30 ug/ml



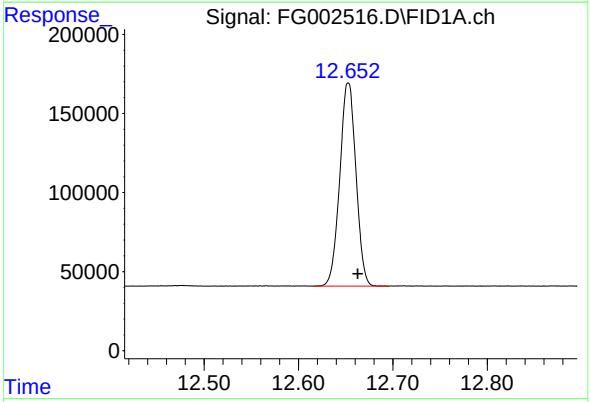
#5 N-HEXADECANE

R.T.: 9.893 min
Delta R.T.: -0.011 min
Response: 1528310
Conc: 11.39 ug/ml



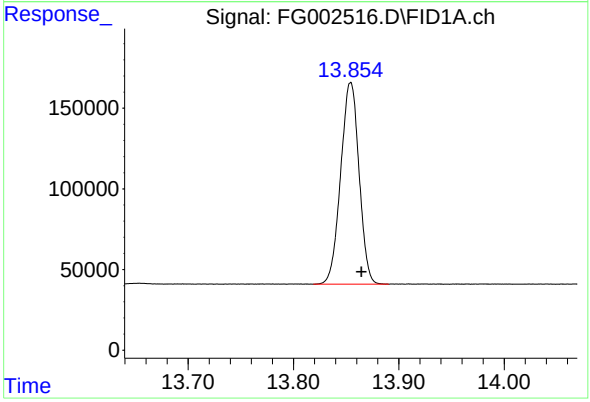
#6 N-OCTADECANE

R.T.: 11.340 min
Delta R.T.: -0.010 min
Response: 1541839
Conc: 11.45 ug/ml



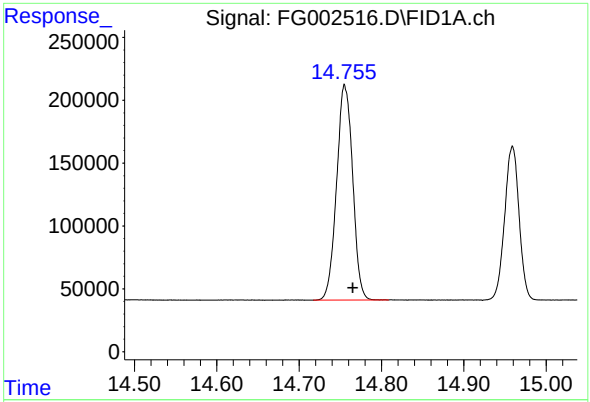
#7 N-EICOSANE

R.T.: 12.653 min
Delta R.T.: -0.010 min
Response: 1532549
Conc: 11.49 ug/ml



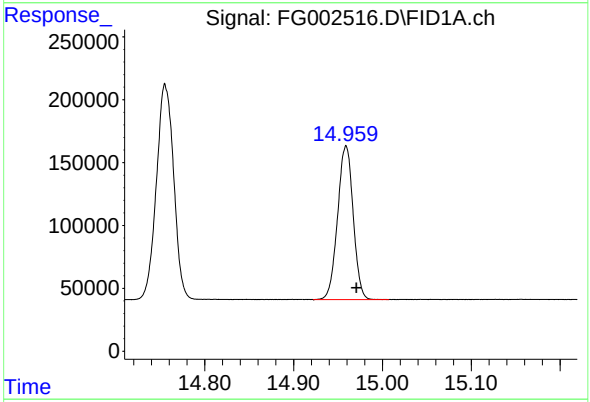
#8 N-DOCOSANE

R.T.: 13.854 min
Delta R.T.: -0.010 min
Response: 1515102
Conc: 11.48 ug/ml



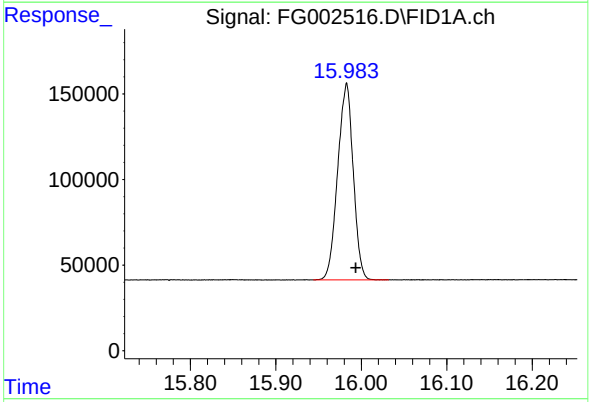
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.755 min
Delta R.T.: -0.010 min
Response: 2315848
Conc: 20.18 ug/ml



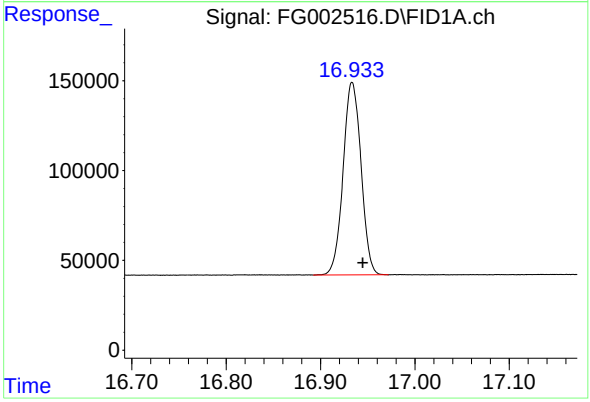
#10 N-TETRACOSANE

R.T.: 14.959 min
Delta R.T.: -0.012 min
Response: 1491294
Conc: 11.47 ug/ml



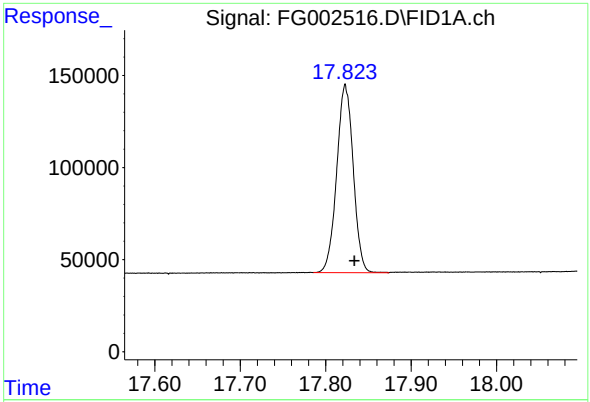
#11 N-HEXACOSANE

R.T.: 15.983 min
Delta R.T.: -0.011 min
Response: 1449028
Conc: 11.28 ug/ml



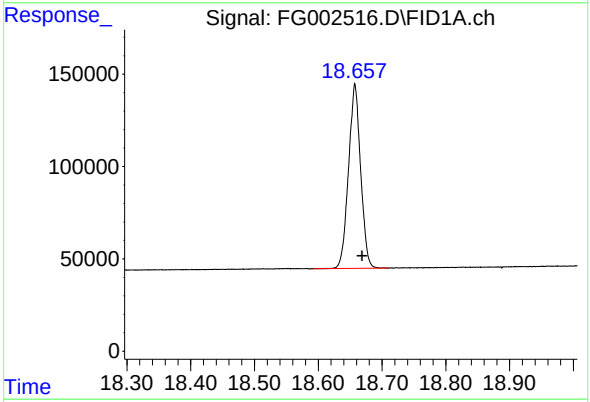
#12 N-OCTACOSANE

R.T.: 16.933 min
Delta R.T.: -0.011 min
Response: 1415601
Conc: 11.17 ug/ml



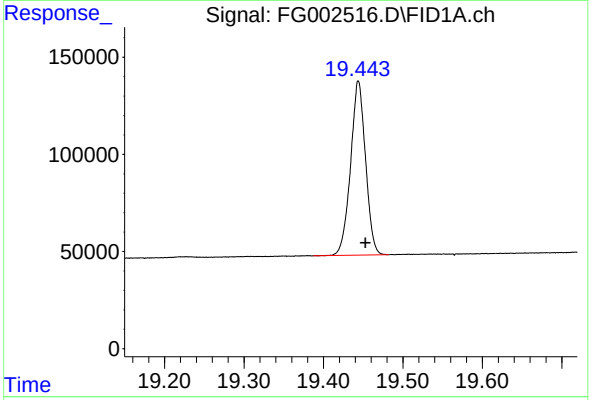
#13 N-TRIACONTANE

R.T.: 17.823 min
Delta R.T.: -0.011 min
Response: 1369659
Conc: 10.89 ug/ml



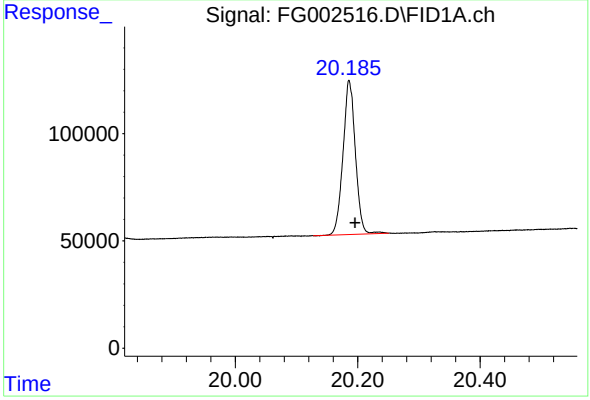
#14 N-DOTRIACONTANE

R.T.: 18.658 min
Delta R.T.: -0.011 min
Response: 1313500
Conc: 10.70 ug/ml



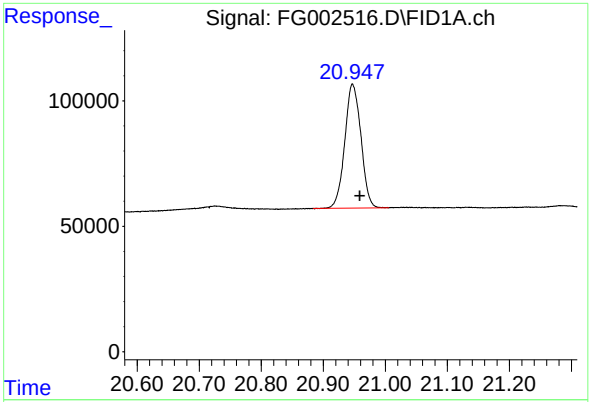
#15 N-TETRATRIACONTANE

R.T.: 19.444 min
Delta R.T.: -0.009 min
Response: 1169101
Conc: 9.80 ug/ml



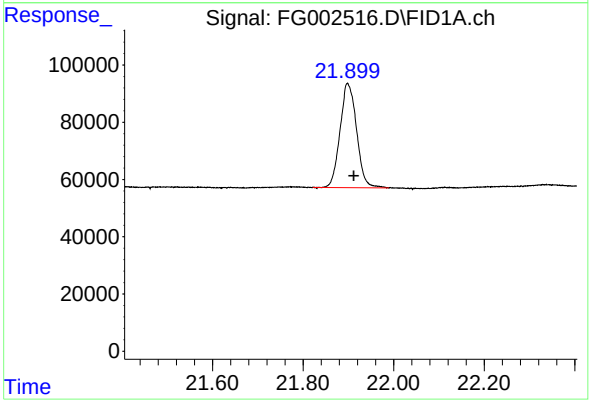
#16 N-HEXATRIACONTANE

R.T.: 20.186 min
Delta R.T.: -0.010 min
Response: 1005834
Conc: 9.07 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.947 min
Delta R.T.: -0.012 min
Response: 894302
Conc: 9.12 ug/ml



#18 N-TETRACONTANE

R.T.: 21.898 min
Delta R.T.: -0.014 min
Response: 924785
Conc: 9.89 ug/ml