Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082918\
Data File : FG002200.D
Signal(s) : FID1A.ch
Acq On : 29 Aug 2018 16:36
Operator : AJ\SJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 30 08:29:51 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG073018.M
Quant Title :
QLast Update : Mon Jul 30 13:56:56 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...	14.452	5468512	43.383 ug/ml
	Target Compounds			
1)	N-OCTANE	2.130	6455814	44.690 ug/ml
2)	N-DECANE	4.200	6596540	44.759 ug/ml
3)	N-DODECANE	6.214	6695200	44.567 ug/ml
4)	N-TETRADECANE	8.006	6702961	44.067 ug/ml
5)	N-HEXADECANE	9.605	6669012	43.784 ug/ml
6)	N-OCTADECANE	11.045	6626931	43.203 ug/ml
7)	N-EICOSANE	12.354	6484294	42.970 ug/ml
8)	N-DOCOSANE	13.552	6327114	43.077 ug/ml
10)	N-TETRACOSANE	14.656	6143176	42.847 ug/ml
11)	N-HEXACOSANE	15.677	5972936	42.400 ug/ml
12)	N-OCTACOSANE	16.627	5846980	41.910 ug/ml
13)	N-TRIACONTANE	17.516	5825982	42.659 ug/ml
14)	N-DOTRIACONTANE	18.349	5816846	46.969 ug/ml
15)	N-TETRATRIACONTANE	19.136	5967132	54.882 ug/ml
16)	N-HEXATRIACONTANE	19.877	5925794	61.680 ug/ml
17)	N-OCTATRIACONTANE	20.591	5517529	65.493 ug/ml
18)	N-TETRACONTANE	21.419	5558394	67.012 ug/ml

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

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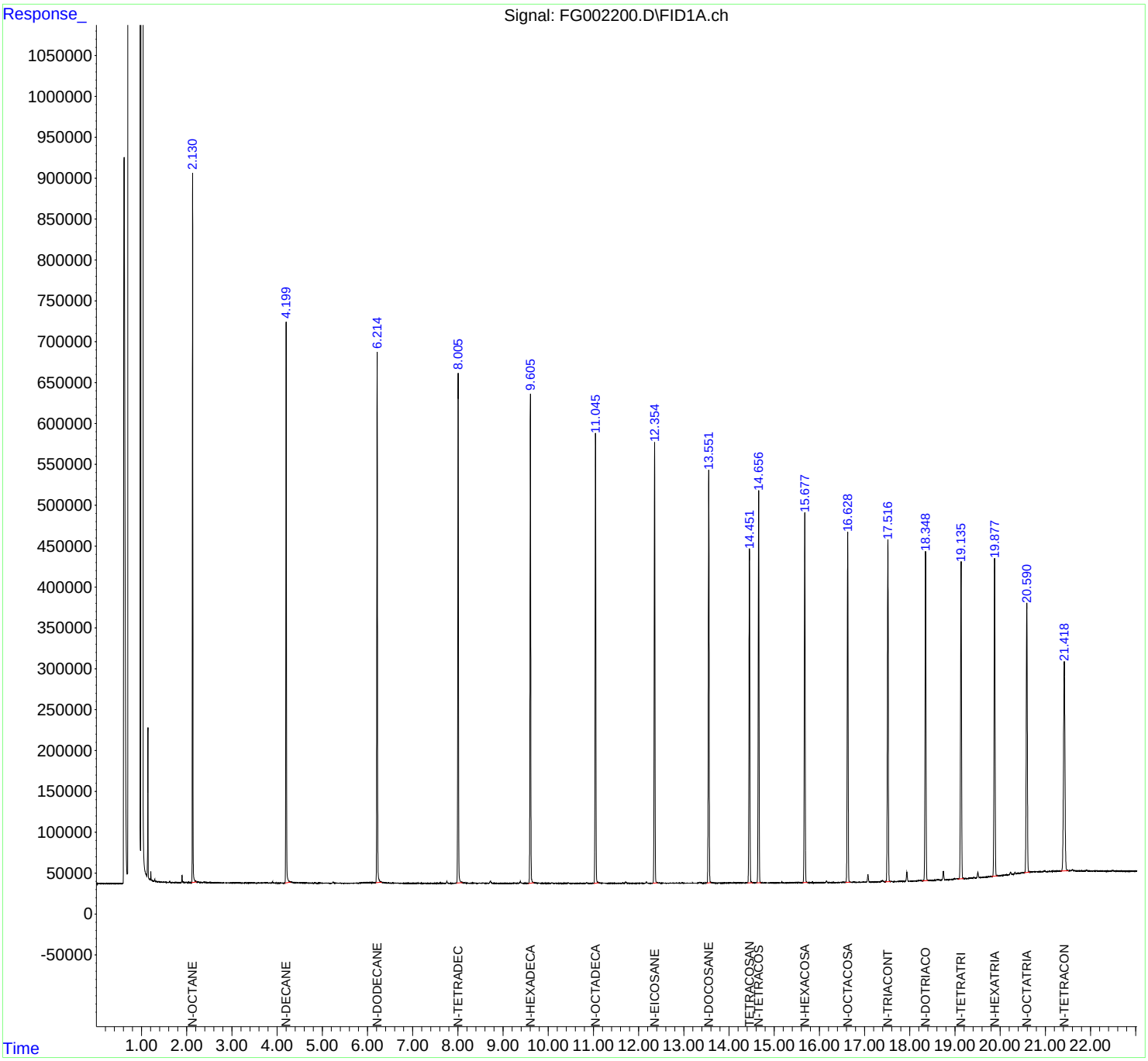
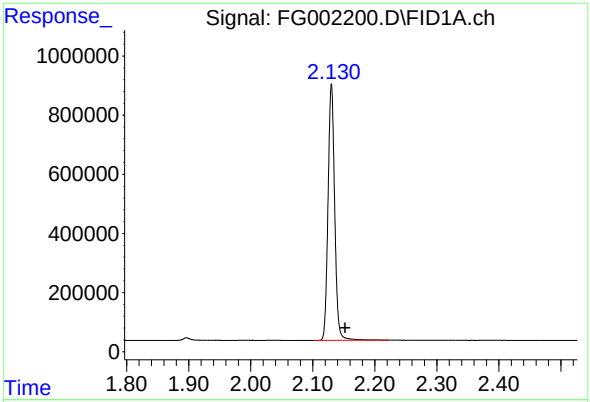
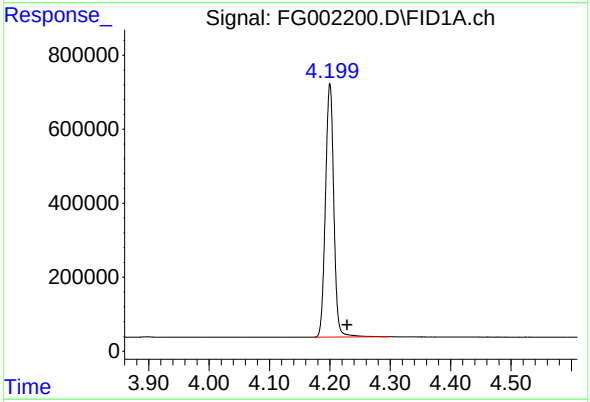




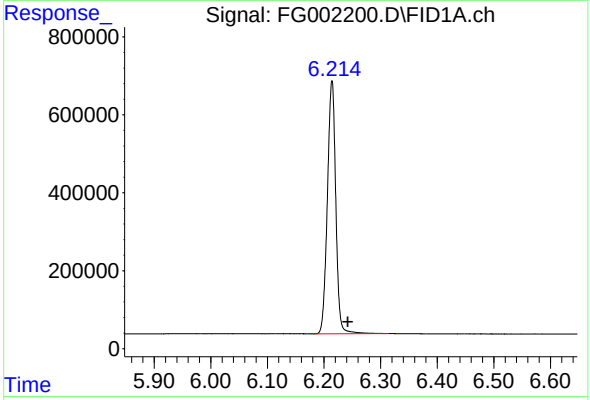
#1 N-OCTANE

R.T.: 2.130 min
Delta R.T.: -0.022 min
Response: 6455814
Conc: 44.69 ug/ml



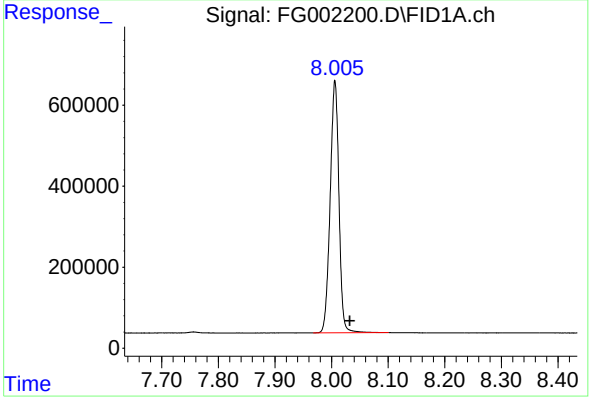
#2 N-DECANE

R.T.: 4.200 min
Delta R.T.: -0.028 min
Response: 6596540
Conc: 44.76 ug/ml



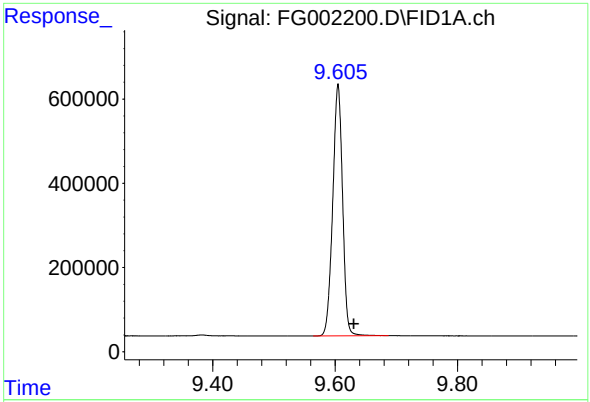
#3 N-DODECANE

R.T.: 6.214 min
Delta R.T.: -0.028 min
Response: 6695200
Conc: 44.57 ug/ml



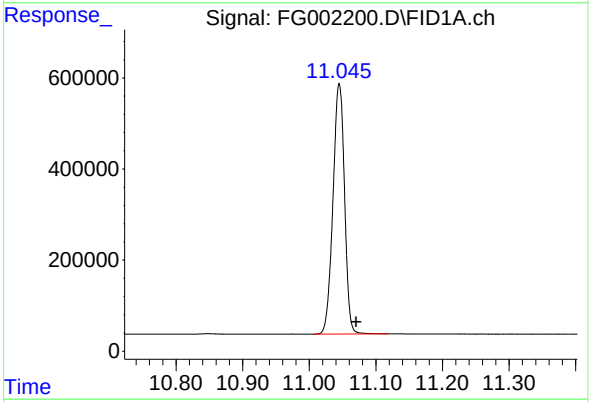
#4 N-TETRADECANE

R.T.: 8.006 min
Delta R.T.: -0.026 min
Response: 6702961
Conc: 44.07 ug/ml



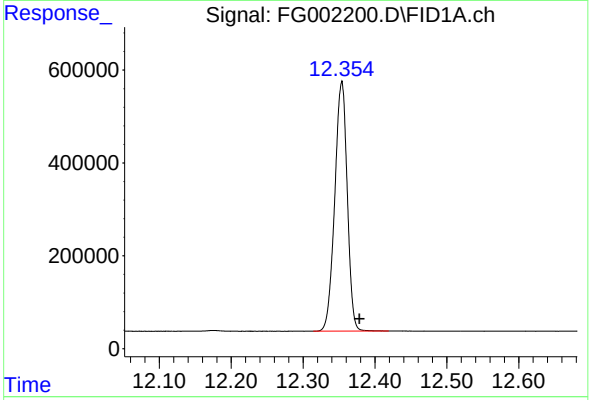
#5 N-HEXADECANE

R.T.: 9.605 min
Delta R.T.: -0.025 min
Response: 6669012
Conc: 43.78 ug/ml



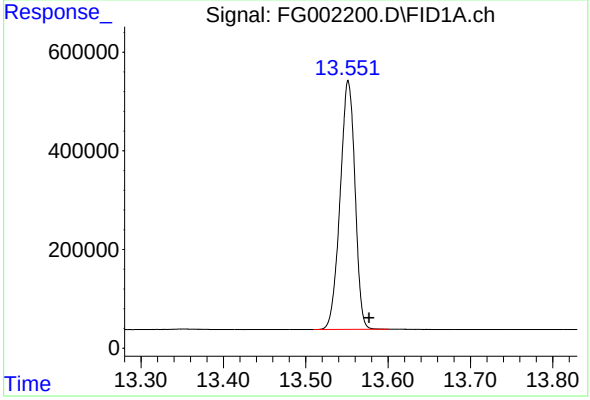
#6 N-OCTADECANE

R.T.: 11.045 min
Delta R.T.: -0.025 min
Response: 6626931
Conc: 43.20 ug/ml



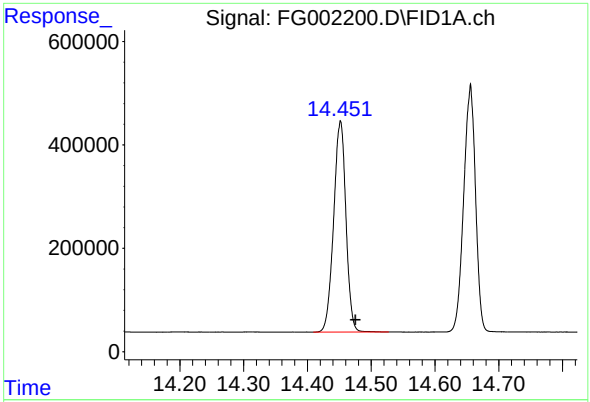
#7 N-EICOSANE

R.T.: 12.354 min
Delta R.T.: -0.025 min
Response: 6484294
Conc: 42.97 ug/ml



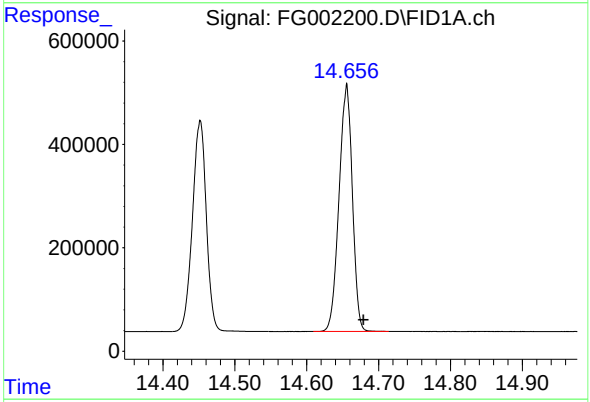
#8 N-DOCOSANE

R.T.: 13.552 min
Delta R.T.: -0.025 min
Response: 6327114
Conc: 43.08 ug/ml



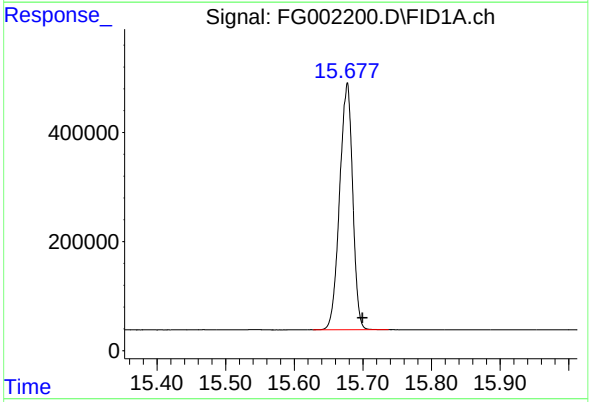
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.452 min
Delta R.T.: -0.024 min
Response: 5468512
Conc: 43.38 ug/ml



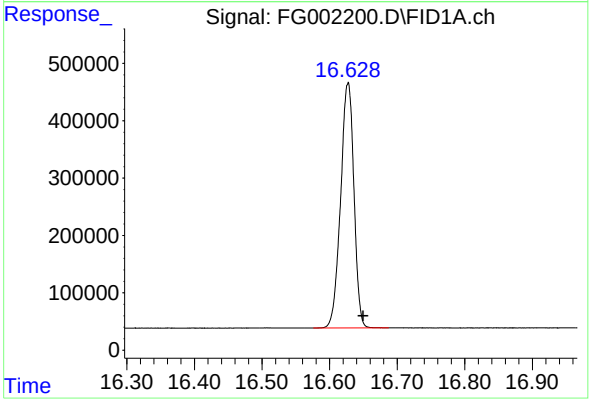
#10 N-TETRACOSANE

R.T.: 14.656 min
Delta R.T.: -0.023 min
Response: 6143176
Conc: 42.85 ug/ml



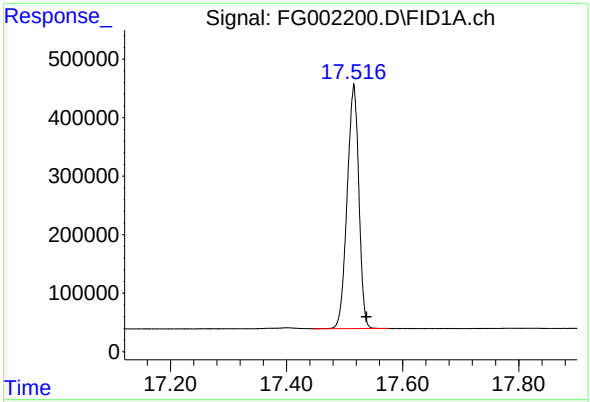
#11 N-HEXACOSANE

R.T.: 15.677 min
Delta R.T.: -0.022 min
Response: 5972936
Conc: 42.40 ug/ml



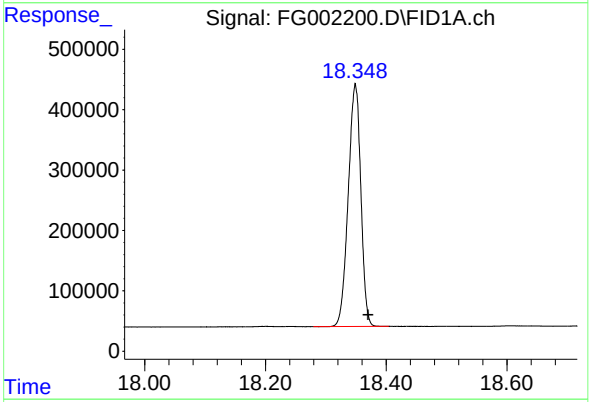
#12 N-OCTACOSANE

R.T.: 16.627 min
Delta R.T.: -0.022 min
Response: 5846980
Conc: 41.91 ug/ml



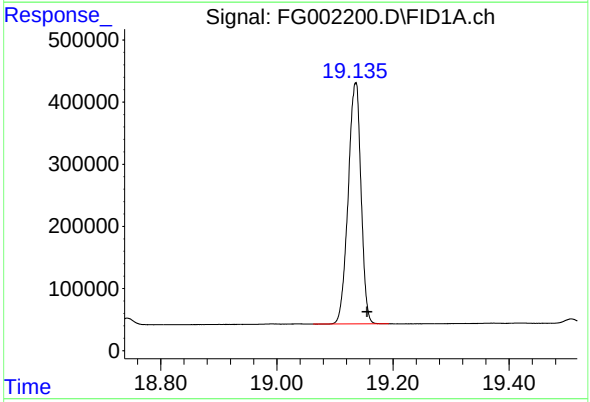
#13 N-TRIACONTANE

R.T.: 17.516 min
Delta R.T.: -0.021 min
Response: 5825982
Conc: 42.66 ug/ml



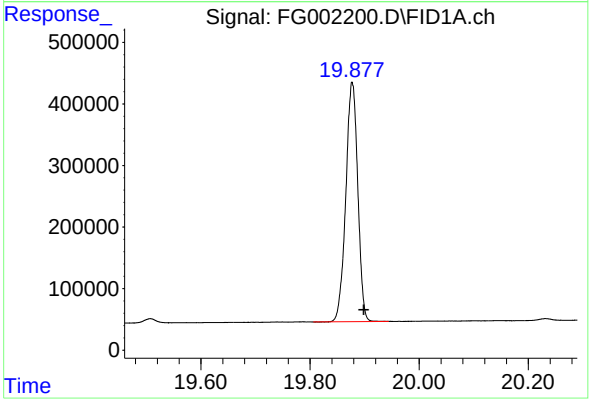
#14 N-DOTRIACONTANE

R.T.: 18.349 min
Delta R.T.: -0.021 min
Response: 5816846
Conc: 46.97 ug/ml



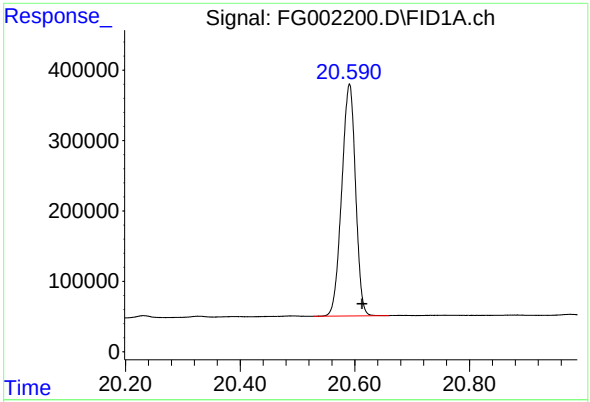
#15 N-TETRATRIACONTANE

R.T.: 19.136 min
Delta R.T.: -0.019 min
Response: 5967132
Conc: 54.88 ug/ml



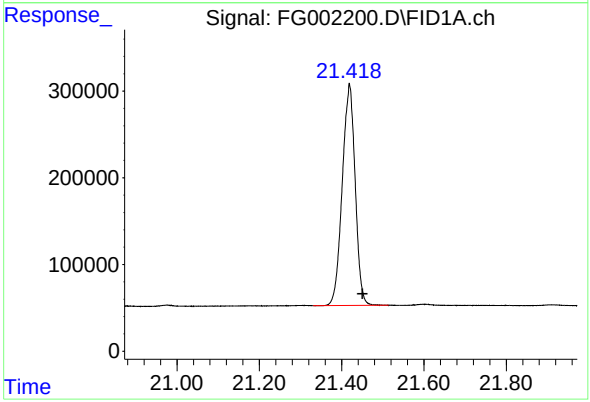
#16 N-HEXATRIACONTANE

R.T.: 19.877 min
Delta R.T.: -0.021 min
Response: 5925794
Conc: 61.68 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.591 min
Delta R.T.: -0.022 min
Response: 5517529
Conc: 65.49 ug/ml



#18 N-TETRACONTANE

R.T.: 21.419 min
Delta R.T.: -0.032 min
Response: 5558394
Conc: 67.01 ug/ml