

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG041625\  
 Data File : FG015673.D  
 Signal(s) : FID1A.ch  
 Acq On : 16 Apr 2025 15:44  
 Operator : YP\AJ  
 Sample : PB167614BS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB167614BS

Integration File: autoint1.e  
 Quant Time: Apr 17 02:17:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG032725.M  
 Quant Title :  
 QLast Update : Thu Mar 27 11:04:29 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
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System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.008	1862173	16.254 ug/ml
Target Compounds			
1) N-OCTANE	1.983	1700589	14.631 ug/ml
2) N-DECANE	4.509	1973485	16.705 ug/ml
3) N-DODECANE	6.691	2084713	17.169 ug/ml
4) N-TETRADECANE	8.527	2085598	16.539 ug/ml
5) N-HEXADECANE	10.141	2152789	16.720 ug/ml
6) N-OCTADECANE	11.588	2229141	16.921 ug/ml
7) N-EICOSANE	12.903	2172633	16.226 ug/ml
8) N-DOCOSANE	14.105	2130686	16.397 ug/ml
10) N-TETRACOSANE	15.212	2118911	16.359 ug/ml
11) N-HEXACOSANE	16.237	2046755	16.081 ug/ml
12) N-OCTACOSANE	17.188	1997631	15.981 ug/ml
13) N-TRIACONTANE	18.078	1903779	15.209 ug/ml
14) N-DOTRIACONTANE	18.914	1515742	12.772 ug/ml
15) N-TETRATRIACONTANE	19.698	845487	8.100 ug/ml
16) N-HEXATRIACONTANE	20.439	453895	5.179 ug/ml
17) N-OCTATRIACONTANE	21.181	296367	3.971 ug/ml
18) N-TETRACONTANE	22.106	211135	3.188 ug/ml
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(f)=RT Delta > 1/2 Window

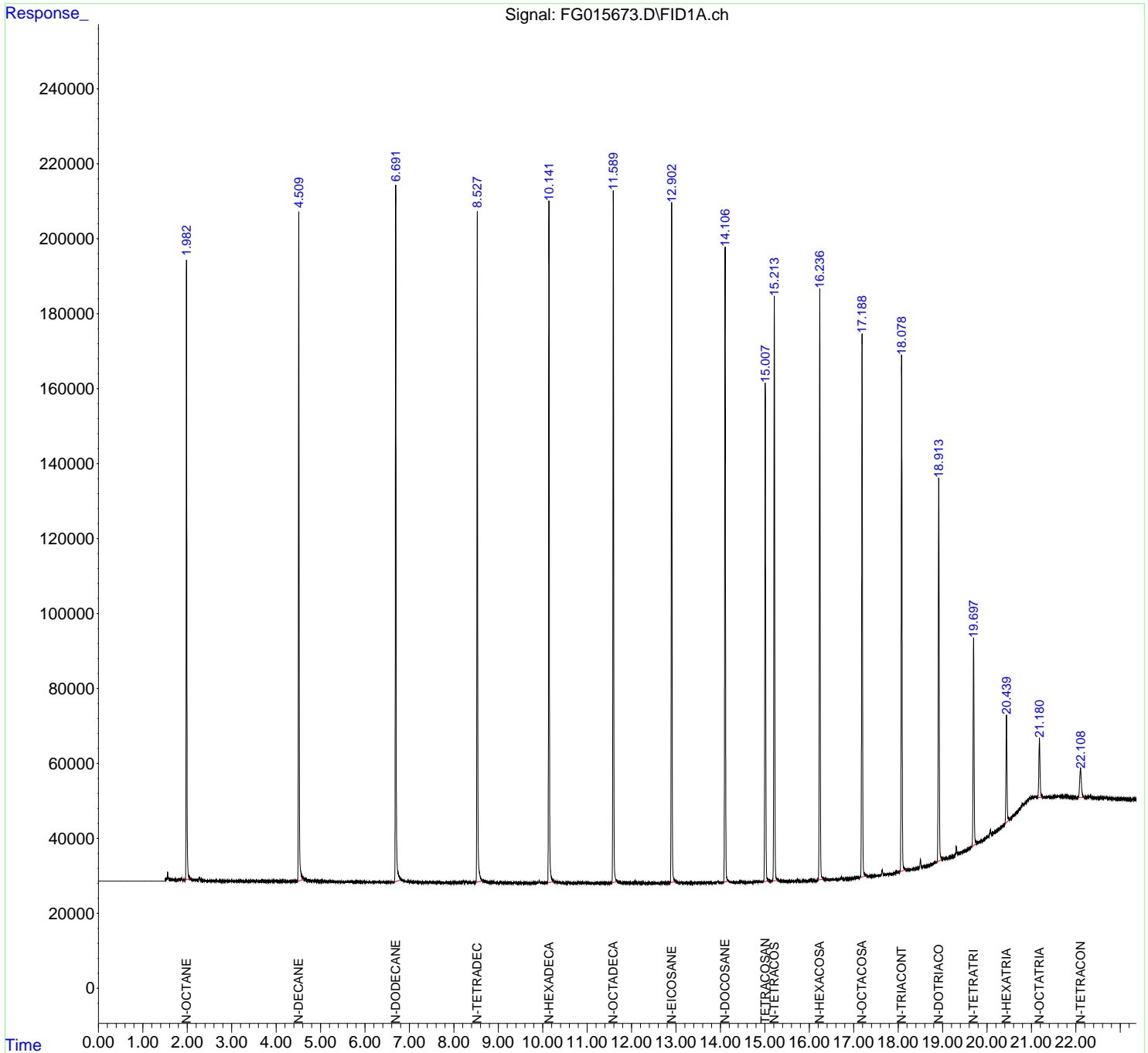
(m)=manual int.

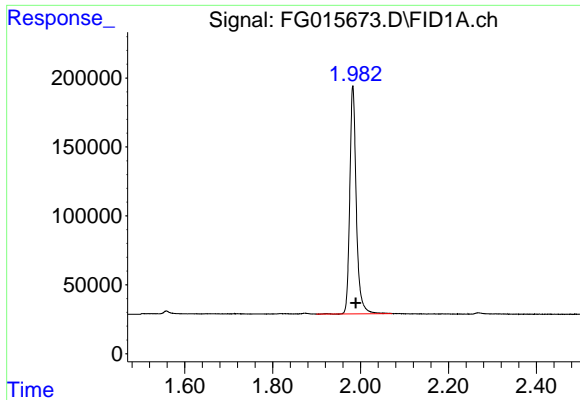
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Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

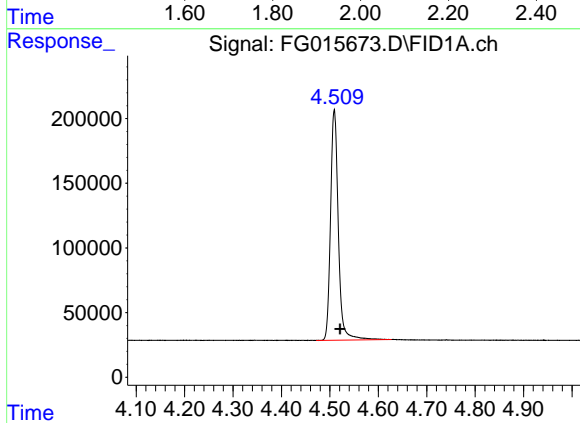




#1 N-OCTANE

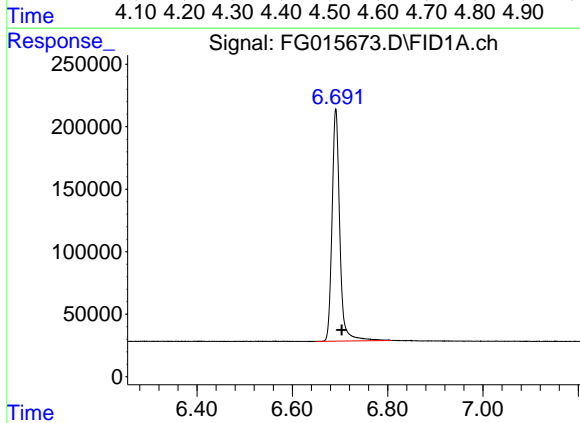
R.T.: 1.983 min  
 Delta R.T.: -0.006 min  
 Response: 1700589  
 Conc: 14.63 ug/ml

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB167614BS



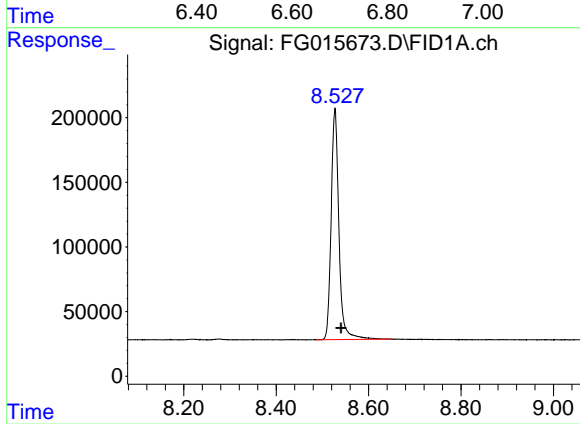
#2 N-DECANE

R.T.: 4.509 min  
 Delta R.T.: -0.012 min  
 Response: 1973485  
 Conc: 16.71 ug/ml



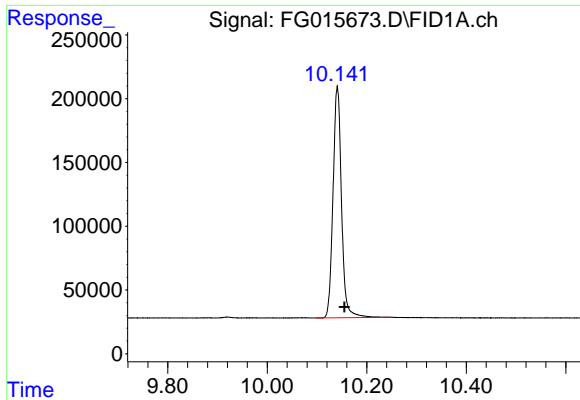
#3 N-DODECANE

R.T.: 6.691 min  
 Delta R.T.: -0.013 min  
 Response: 2084713  
 Conc: 17.17 ug/ml



#4 N-TETRADECANE

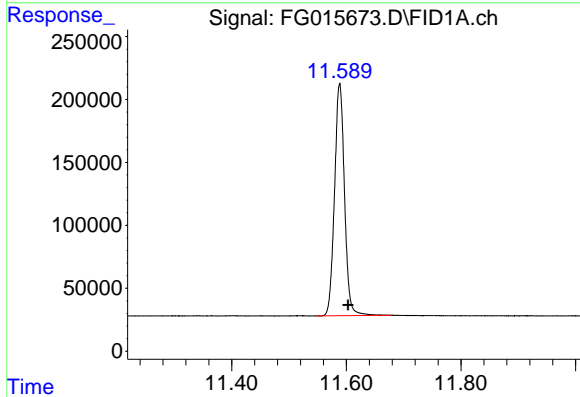
R.T.: 8.527 min  
 Delta R.T.: -0.013 min  
 Response: 2085598  
 Conc: 16.54 ug/ml



#5 N-HEXADECANE

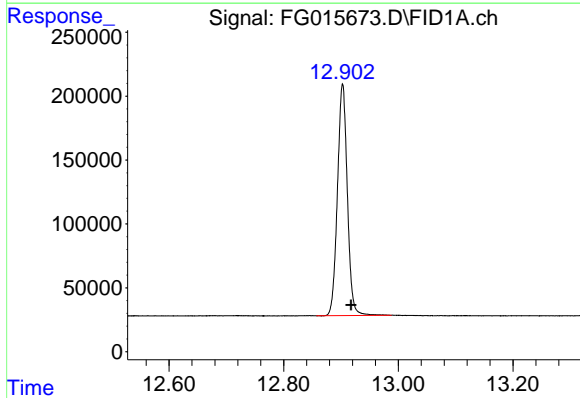
R.T.: 10.141 min  
 Delta R.T.: -0.014 min  
 Response: 2152789  
 Conc: 16.72 ug/ml

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB167614BS



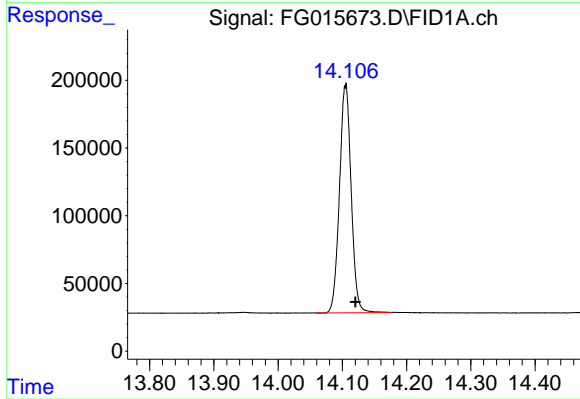
#6 N-OCTADECANE

R.T.: 11.588 min  
 Delta R.T.: -0.015 min  
 Response: 2229141  
 Conc: 16.92 ug/ml



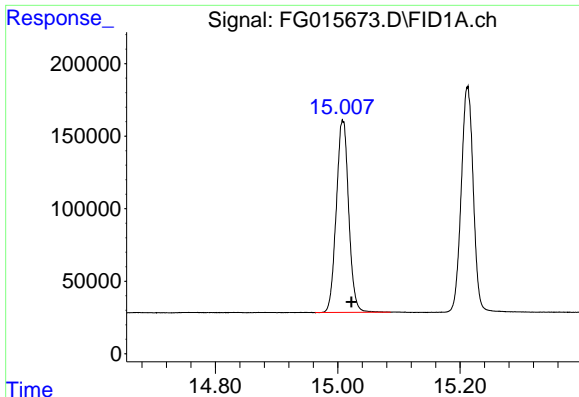
#7 N-EICOSANE

R.T.: 12.903 min  
 Delta R.T.: -0.015 min  
 Response: 2172633  
 Conc: 16.23 ug/ml



#8 N-DOCOSANE

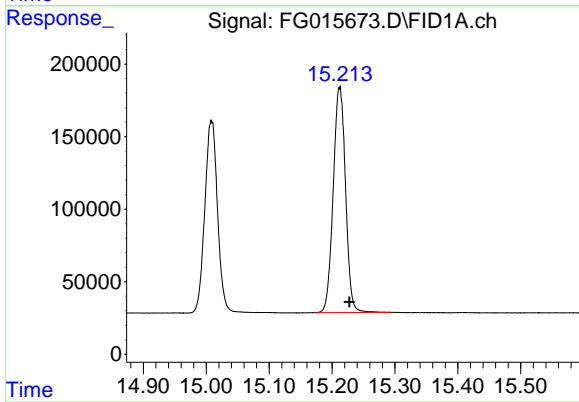
R.T.: 14.105 min  
 Delta R.T.: -0.015 min  
 Response: 2130686  
 Conc: 16.40 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

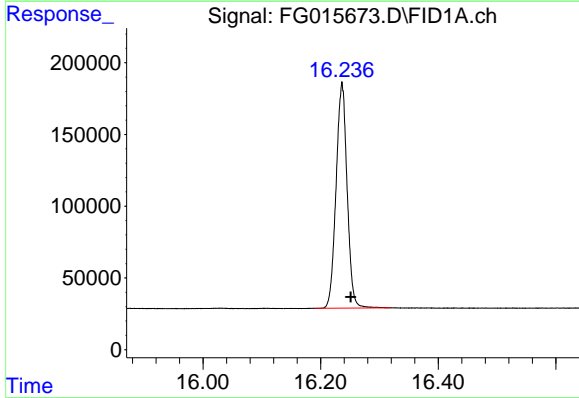
R.T.: 15.008 min  
 Delta R.T.: -0.014 min  
 Response: 1862173  
 Conc: 16.25 ug/ml

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB167614BS



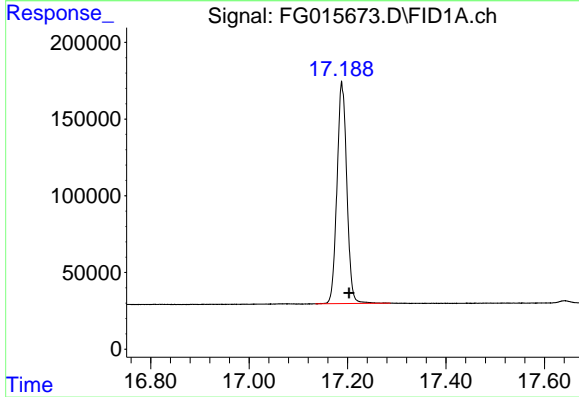
#10 N-TETRACOSANE

R.T.: 15.212 min  
 Delta R.T.: -0.016 min  
 Response: 2118911  
 Conc: 16.36 ug/ml



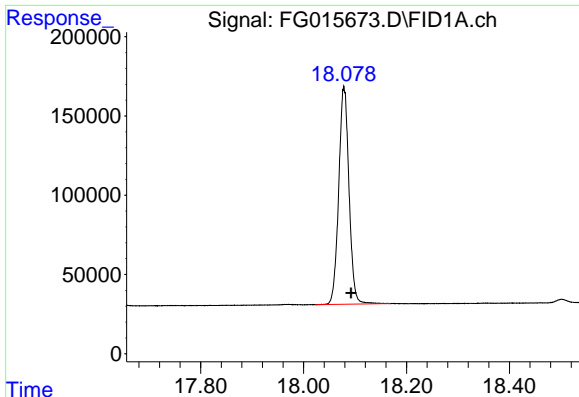
#11 N-HEXACOSANE

R.T.: 16.237 min  
 Delta R.T.: -0.015 min  
 Response: 2046755  
 Conc: 16.08 ug/ml



#12 N-OCTACOSANE

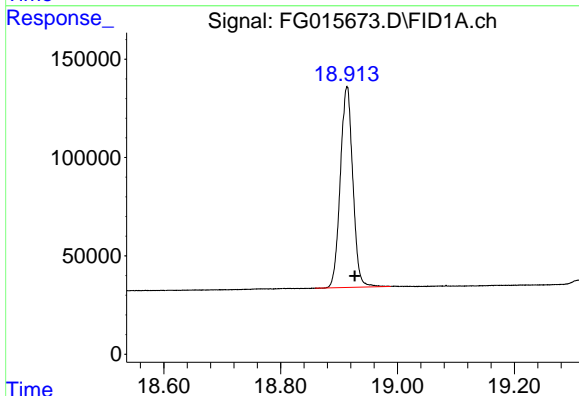
R.T.: 17.188 min  
 Delta R.T.: -0.015 min  
 Response: 1997631  
 Conc: 15.98 ug/ml



#13 N-TRIACONTANE

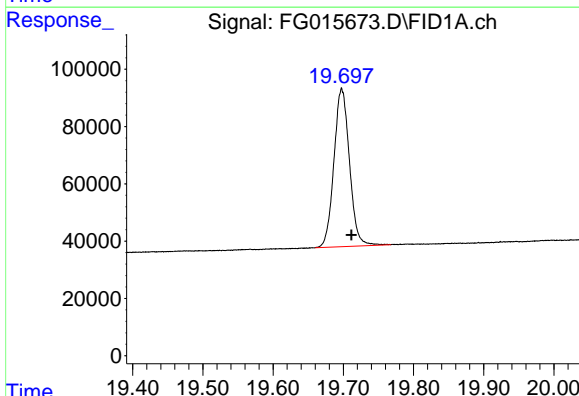
R.T.: 18.078 min  
 Delta R.T.: -0.014 min  
 Response: 1903779  
 Conc: 15.21 ug/ml

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB167614BS



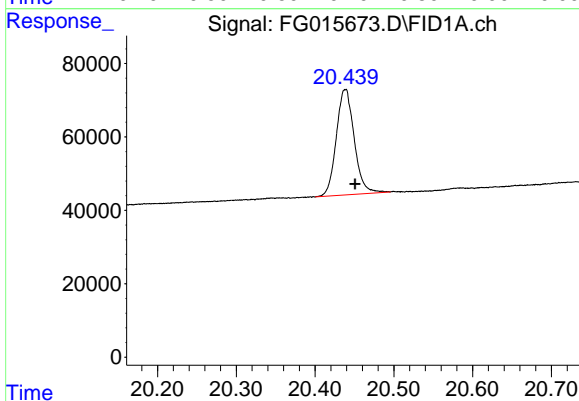
#14 N-DOTRIACONTANE

R.T.: 18.914 min  
 Delta R.T.: -0.013 min  
 Response: 1515742  
 Conc: 12.77 ug/ml



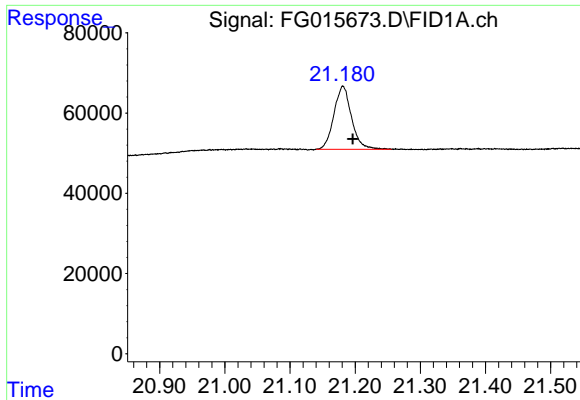
#15 N-TETRATRIACONTANE

R.T.: 19.698 min  
 Delta R.T.: -0.014 min  
 Response: 845487  
 Conc: 8.10 ug/ml



#16 N-HEXATRIACONTANE

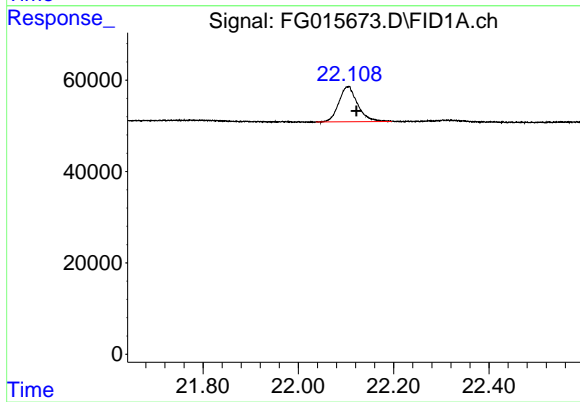
R.T.: 20.439 min  
 Delta R.T.: -0.012 min  
 Response: 453895  
 Conc: 5.18 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.181 min  
Delta R.T.: -0.015 min  
Response: 296367  
Conc: 3.97 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
PB167614BS



#18 N-TETRACONTANE

R.T.: 22.106 min  
Delta R.T.: -0.016 min  
Response: 211135  
Conc: 3.19 ug/ml