

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051325\
 Data File : FG015835.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 21:46
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 03:57:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 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

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.996	5710489	48.502 ug/ml
Target Compounds			
1) N-OCTANE	1.969	5100590	45.260 ug/ml
2) N-DECANE	4.497	5691010	51.117 ug/ml
3) N-DODECANE	6.679	5974108	52.129 ug/ml
4) N-TETRADECANE	8.516	6207700	51.230 ug/ml
5) N-HEXADECANE	10.129	6361678	50.674 ug/ml
6) N-OCTADECANE	11.578	6549621	49.977 ug/ml
7) N-EICOSANE	12.892	6656888	49.101 ug/ml
8) N-DOCOSANE	14.094	6494017	48.964 ug/ml
10) N-TETRACOSANE	15.201	6515965	49.034 ug/ml
11) N-HEXACOSANE	16.225	6479146	48.855 ug/ml
12) N-OCTACOSANE	17.177	6527711	49.515 ug/ml
13) N-TRIACONTANE	18.068	6848564	51.370 ug/ml
14) N-DOTRIACONTANE	18.902	7053838	53.508 ug/ml
15) N-TETRATRIACONTANE	19.689	7263705	60.062 ug/ml
16) N-HEXATRIACONTANE	20.431	7457599	69.556 ug/ml
17) N-OCTATRIACONTANE	21.169	7461586	77.460 ug/ml
18) N-TETRACONTANE	22.088	7356703	82.617 ug/ml

(f)=RT Delta > 1/2 Window

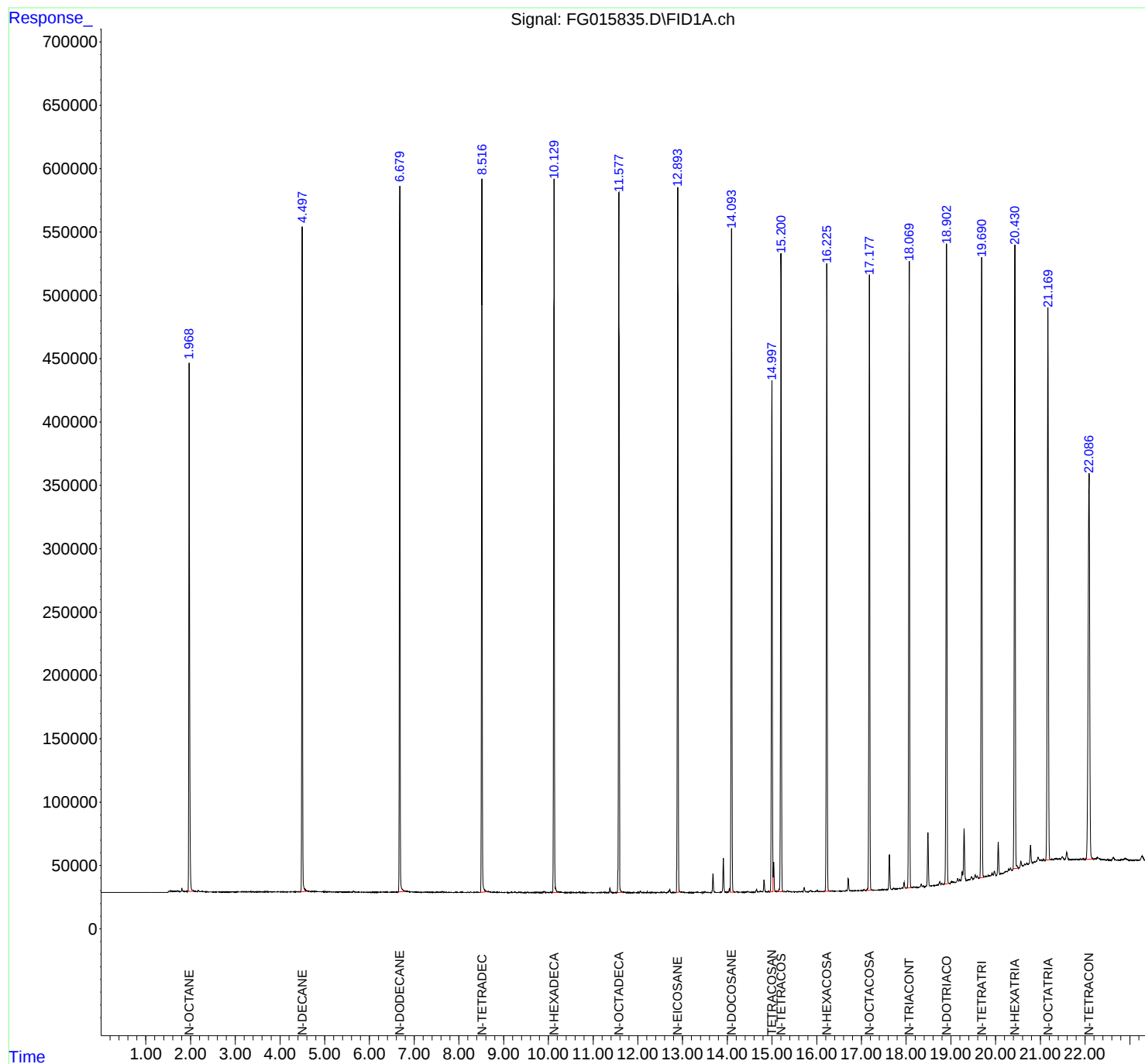
(m)=manual int.

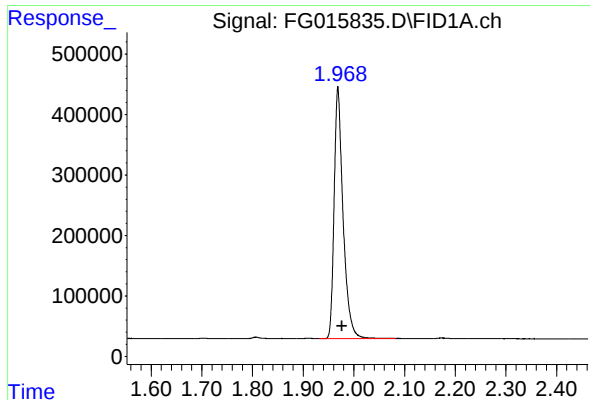
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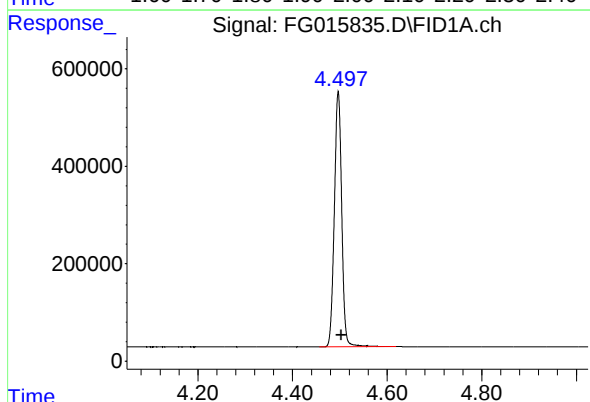




#1 N-OCTANE

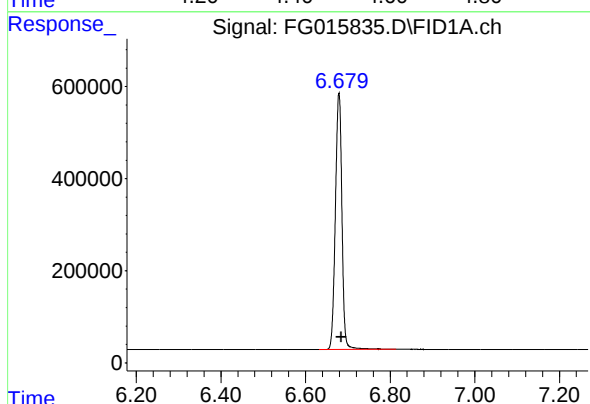
R.T.: 1.969 min
Delta R.T.: -0.008 min
Response: 5100590
Conc: 45.26 ug/ml

Instrument :
FID_G
ClientSampleId :



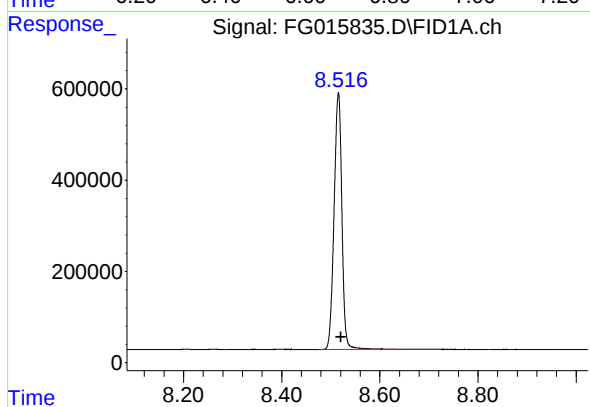
#2 N-DECANE

R.T.: 4.497 min
Delta R.T.: -0.006 min
Response: 5691010
Conc: 51.12 ug/ml



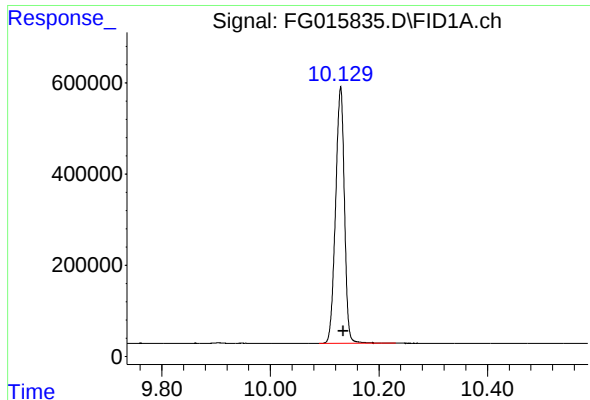
#3 N-DODECANE

R.T.: 6.679 min
Delta R.T.: -0.005 min
Response: 5974108
Conc: 52.13 ug/ml



#4 N-TETRADECANE

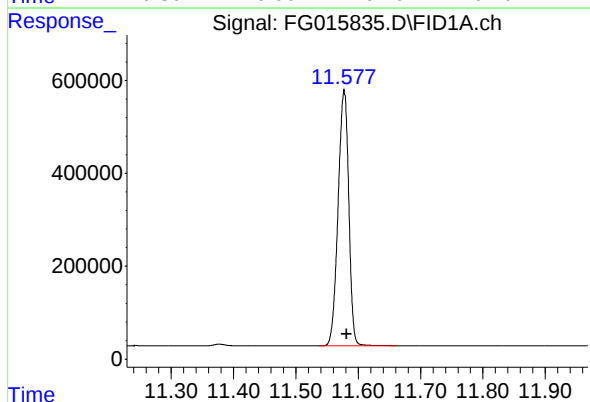
R.T.: 8.516 min
Delta R.T.: -0.005 min
Response: 6207700
Conc: 51.23 ug/ml



#5 N-HEXADECANE

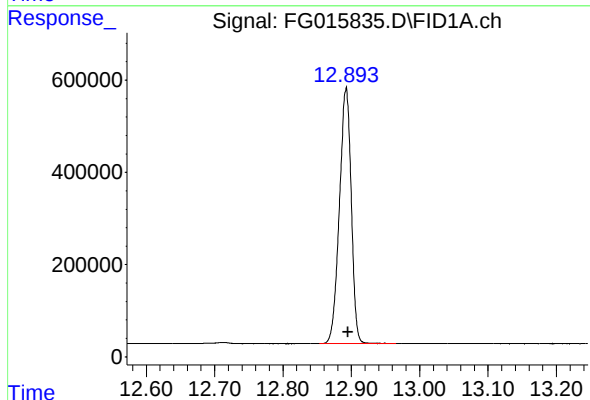
R.T.: 10.129 min
Delta R.T.: -0.005 min
Response: 6361678
Conc: 50.67 ug/ml

Instrument :
FID_G
ClientSampleId :



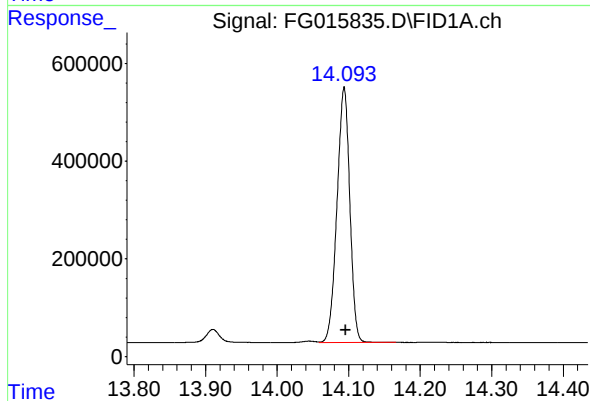
#6 N-OCTADECANE

R.T.: 11.578 min
Delta R.T.: -0.004 min
Response: 6549621
Conc: 49.98 ug/ml



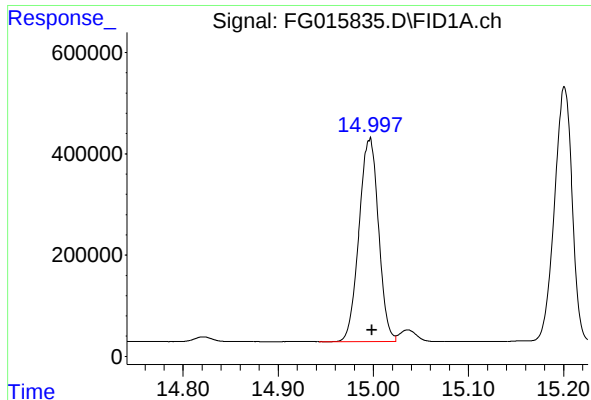
#7 N-EICOSANE

R.T.: 12.892 min
Delta R.T.: -0.002 min
Response: 6656888
Conc: 49.10 ug/ml



#8 N-DOCOSANE

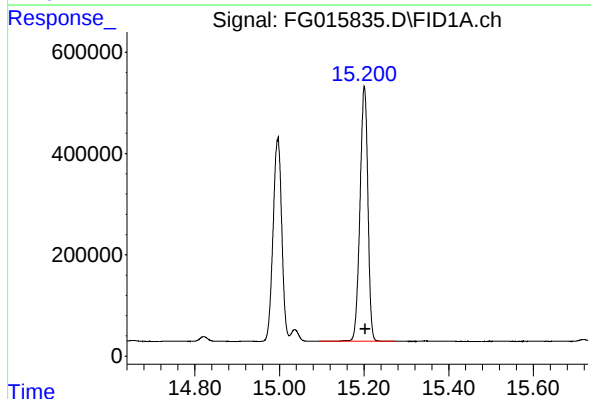
R.T.: 14.094 min
Delta R.T.: -0.002 min
Response: 6494017
Conc: 48.96 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

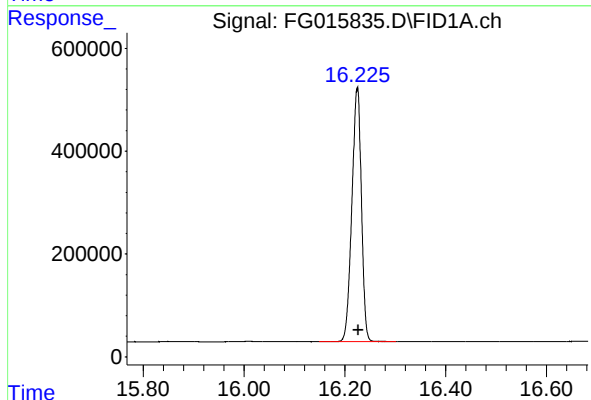
R.T.: 14.996 min
Delta R.T.: -0.002 min
Response: 5710489
Conc: 48.50 ug/ml

Instrument :
FID_G
ClientSampleId :



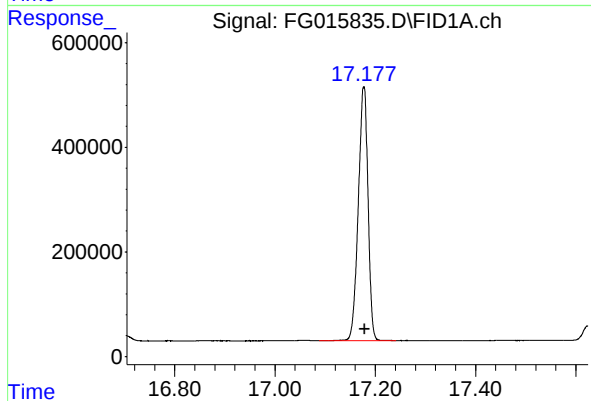
#10 N-TETRACOSANE

R.T.: 15.201 min
Delta R.T.: -0.002 min
Response: 6515965
Conc: 49.03 ug/ml



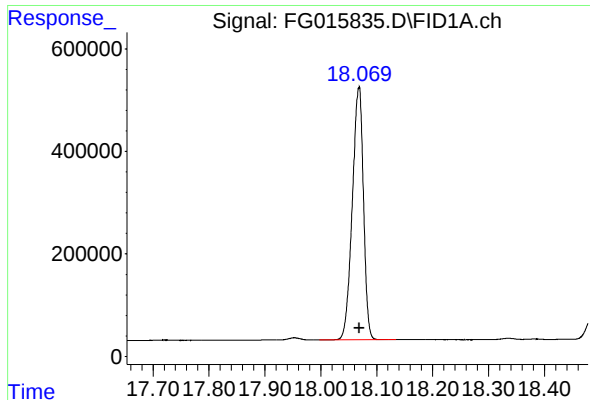
#11 N-HEXACOSANE

R.T.: 16.225 min
Delta R.T.: -0.002 min
Response: 6479146
Conc: 48.85 ug/ml



#12 N-OCTACOSANE

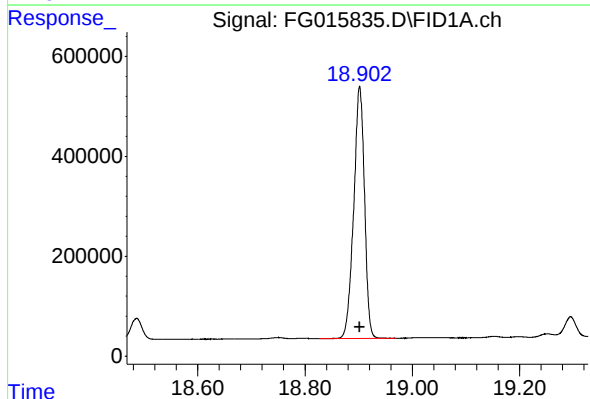
R.T.: 17.177 min
Delta R.T.: -0.001 min
Response: 6527711
Conc: 49.51 ug/ml



#13 N-TRIACONTANE

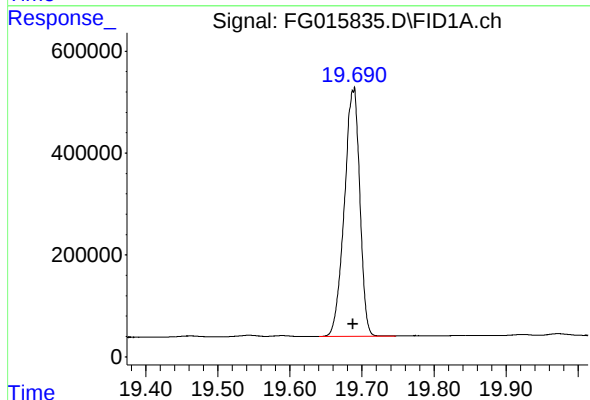
R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 6848564
Conc: 51.37 ug/ml

Instrument :
FID_G
ClientSampleId :



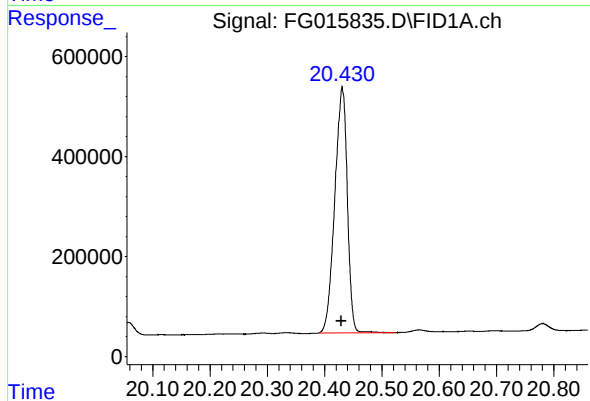
#14 N-DOTRIACONTANE

R.T.: 18.902 min
Delta R.T.: 0.000 min
Response: 7053838
Conc: 53.51 ug/ml



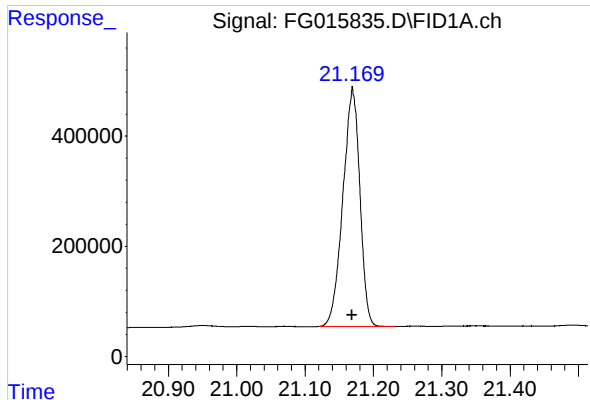
#15 N-TETRATRIACONTANE

R.T.: 19.689 min
Delta R.T.: 0.000 min
Response: 7263705
Conc: 60.06 ug/ml



#16 N-HEXATRIACONTANE

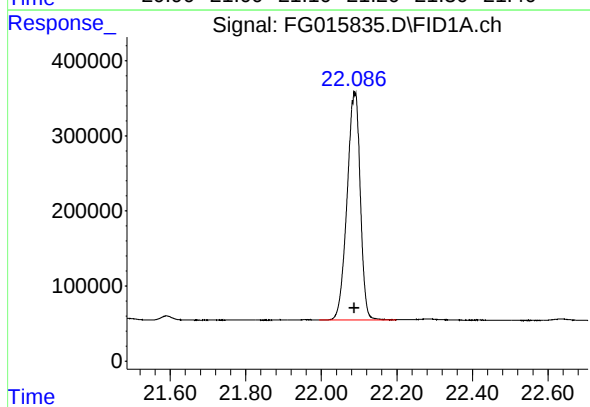
R.T.: 20.431 min
Delta R.T.: 0.002 min
Response: 7457599
Conc: 69.56 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.169 min
Delta R.T.: 0.000 min
Response: 7461586
Conc: 77.46 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.088 min
Delta R.T.: 0.000 min
Response: 7356703
Conc: 82.62 ug/ml