

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525\
 Data File : FG015395.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 09:30
 Operator : YP\AJ
 Sample : PB166849BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB166849BS

Integration File: autoint1.e
 Quant Time: Feb 26 00:24:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG021025.M
 Quant Title :
 QLast Update : Mon Feb 10 11:26:50 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...	15.035	1800455	16.594 ug/ml
Target Compounds			
1) N-OCTANE	1.997	1679925	14.683 ug/ml
2) N-DECANE	4.534	2190526	18.790 ug/ml
3) N-DODECANE	6.716	2285820	18.878 ug/ml
4) N-TETRADECANE	8.552	2345440	19.701 ug/ml
5) N-HEXADECANE	10.167	2402825	19.751 ug/ml
6) N-OCTADECANE	11.615	2480496	19.728 ug/ml
7) N-EICOSANE	12.930	2522634	20.592 ug/ml
8) N-DOCOSANE	14.134	2441566	20.280 ug/ml
10) N-TETRACOSANE	15.240	2425383	20.204 ug/ml
11) N-HEXACOSANE	16.264	2385552	20.328 ug/ml
12) N-OCTACOSANE	17.216	2336208	20.208 ug/ml
13) N-TRIACONTANE	18.107	2372410	20.631 ug/ml
14) N-DOTRIACONTANE	18.941	2391004	21.037 ug/ml
15) N-TETRATRIACONTANE	19.725	2456589	22.850 ug/ml
16) N-HEXATRIACONTANE	20.467	2418168	24.161 ug/ml
17) N-OCTATRIACONTANE	21.212	2155246	21.534 ug/ml
18) N-TETRACONTANE	22.144	1694493	17.177 ug/ml

(f)=RT Delta > 1/2 Window

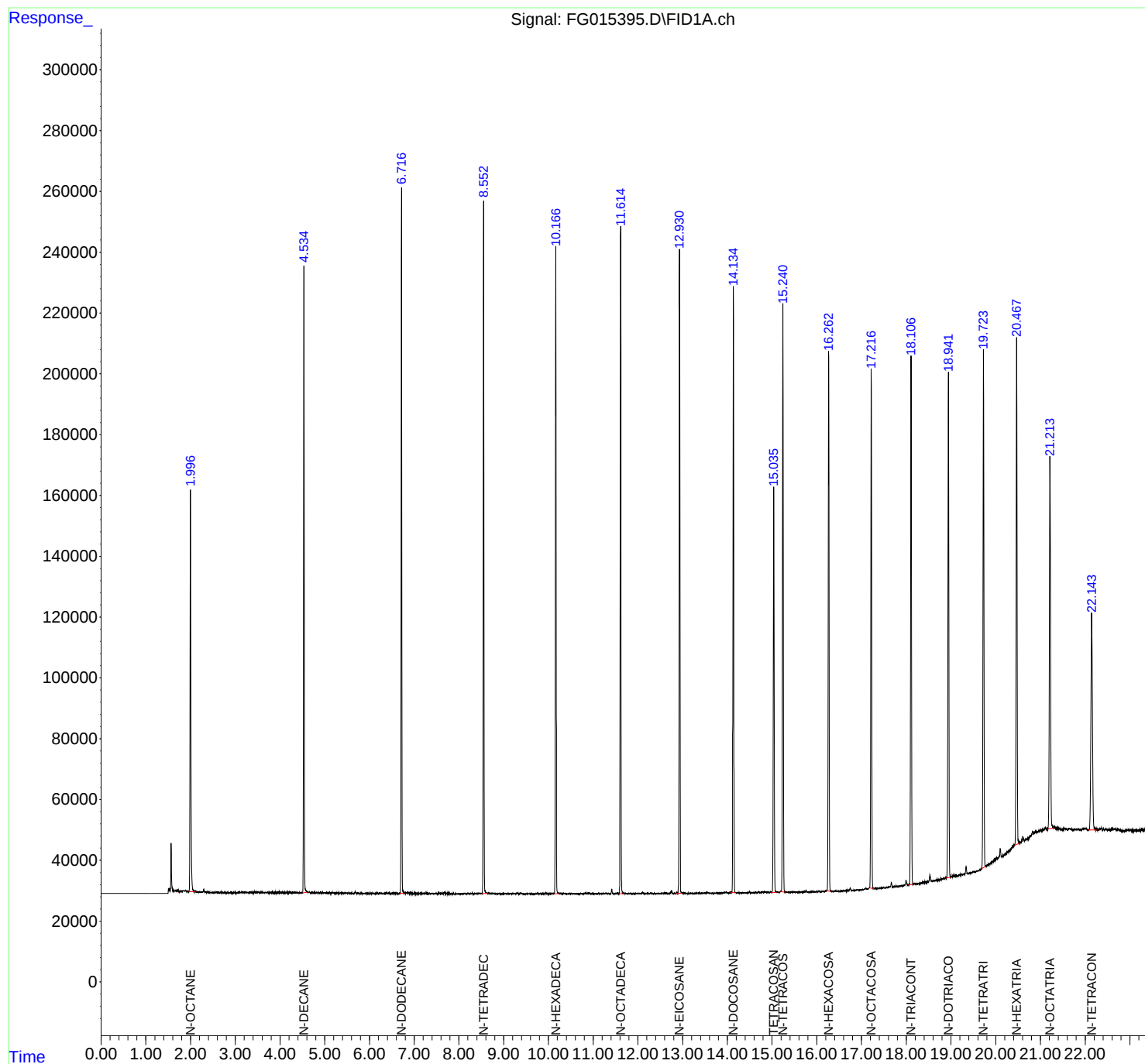
(m)=manual int.

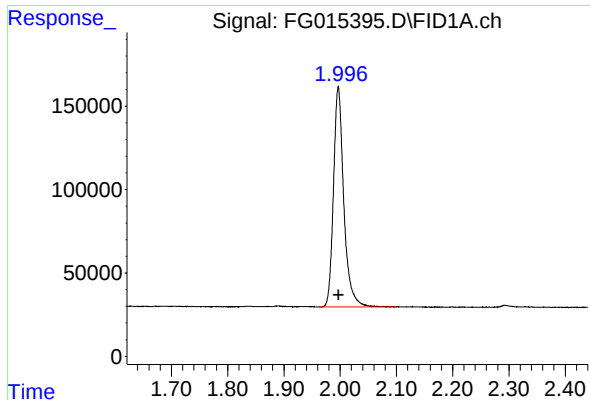
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

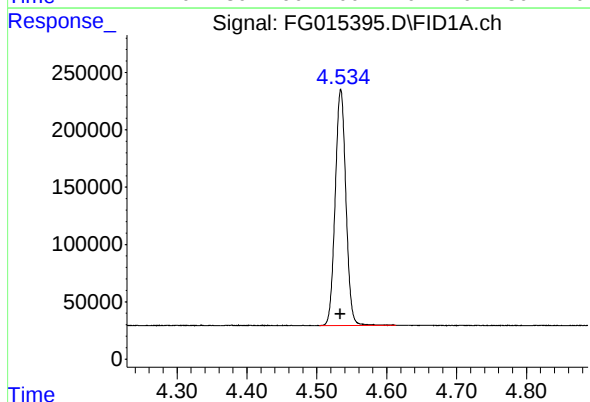




#1 N-OCTANE

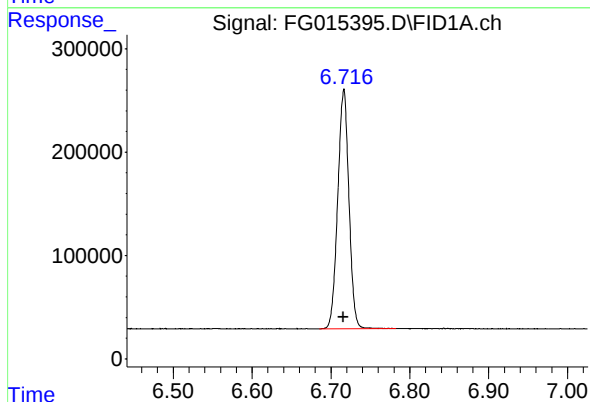
R.T.: 1.997 min
Delta R.T.: 0.000 min
Response: 1679925
Conc: 14.68 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166849BS



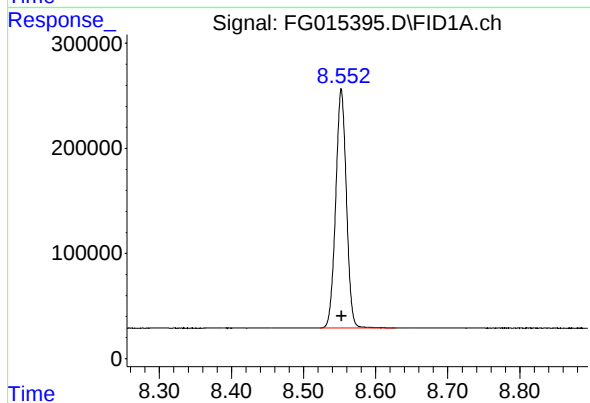
#2 N-DECANE

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 2190526
Conc: 18.79 ug/ml



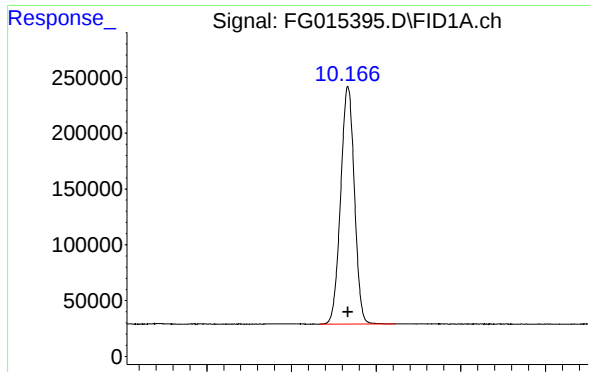
#3 N-DODECANE

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 2285820
Conc: 18.88 ug/ml



#4 N-TETRADECANE

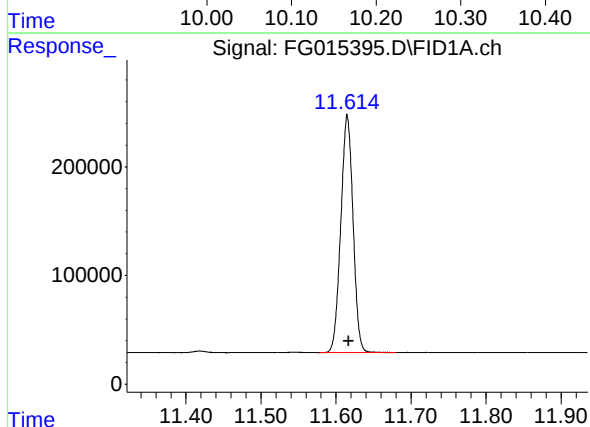
R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 2345440
Conc: 19.70 ug/ml



#5 N-HEXADECANE

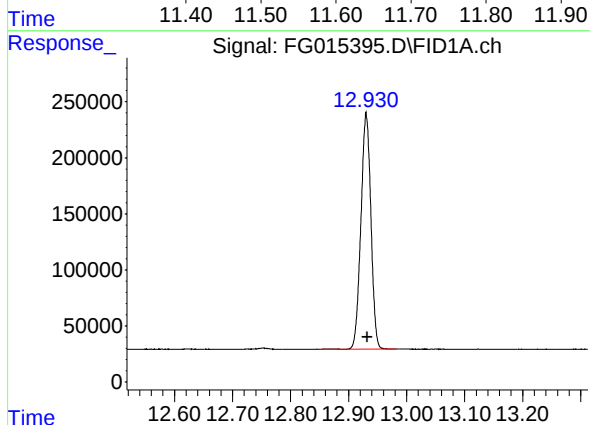
R.T.: 10.167 min
Delta R.T.: 0.000 min
Response: 2402825
Conc: 19.75 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166849BS



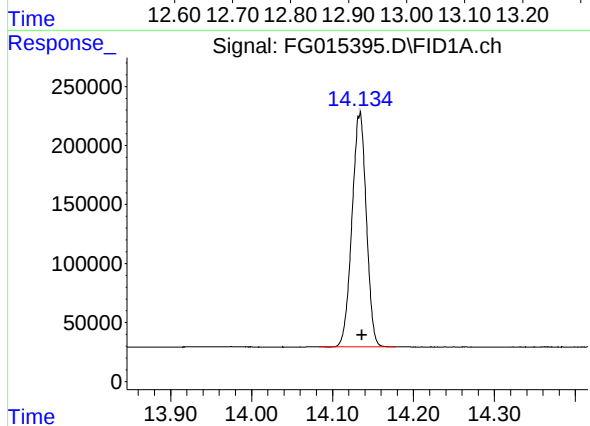
#6 N-OCTADECANE

R.T.: 11.615 min
Delta R.T.: -0.002 min
Response: 2480496
Conc: 19.73 ug/ml



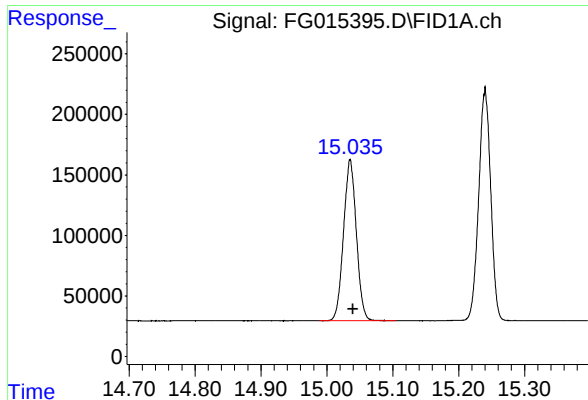
#7 N-EICOSANE

R.T.: 12.930 min
Delta R.T.: -0.002 min
Response: 2522634
Conc: 20.59 ug/ml



#8 N-DOCOSANE

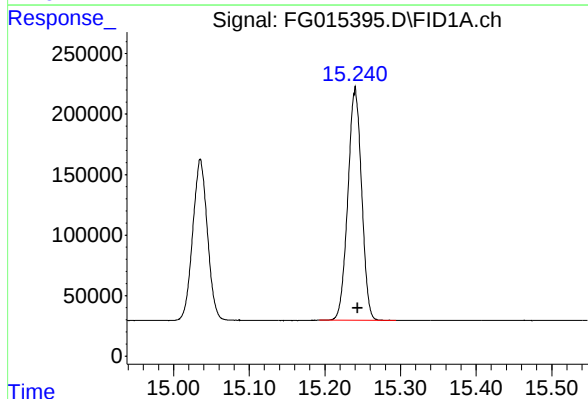
R.T.: 14.134 min
Delta R.T.: -0.003 min
Response: 2441566
Conc: 20.28 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

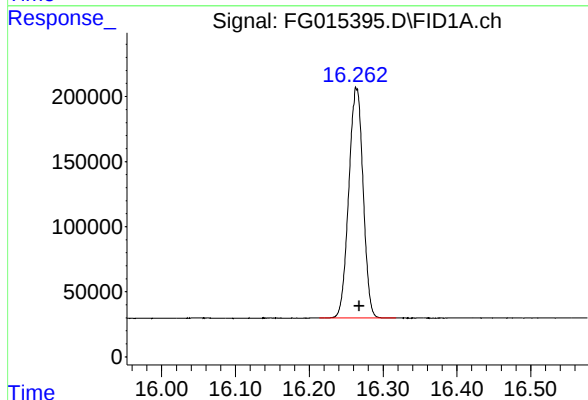
R.T.: 15.035 min
Delta R.T.: -0.005 min
Response: 1800455
Conc: 16.59 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166849BS



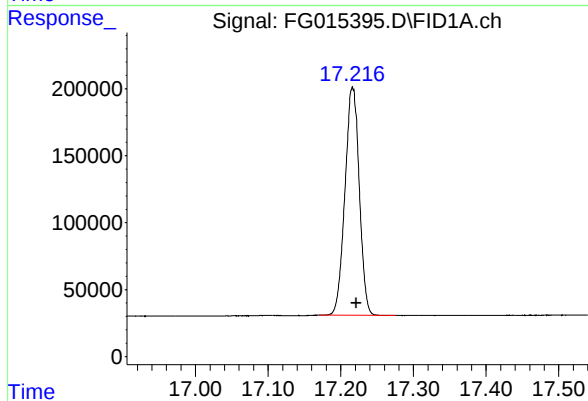
#10 N-TETRACOSANE

R.T.: 15.240 min
Delta R.T.: -0.004 min
Response: 2425383
Conc: 20.20 ug/ml



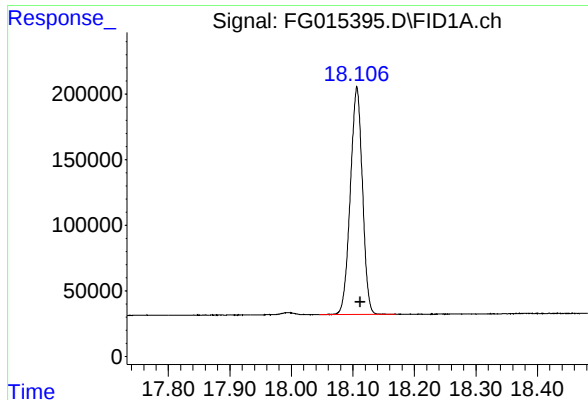
#11 N-HEXACOSANE

R.T.: 16.264 min
Delta R.T.: -0.004 min
Response: 2385552
Conc: 20.33 ug/ml



#12 N-OCTACOSANE

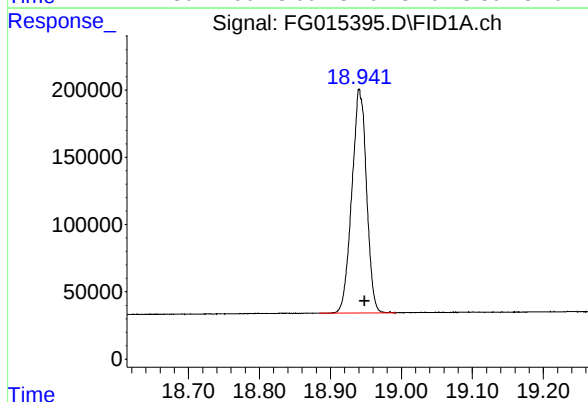
R.T.: 17.216 min
Delta R.T.: -0.005 min
Response: 2336208
Conc: 20.21 ug/ml



#13 N-TRIACONTANE

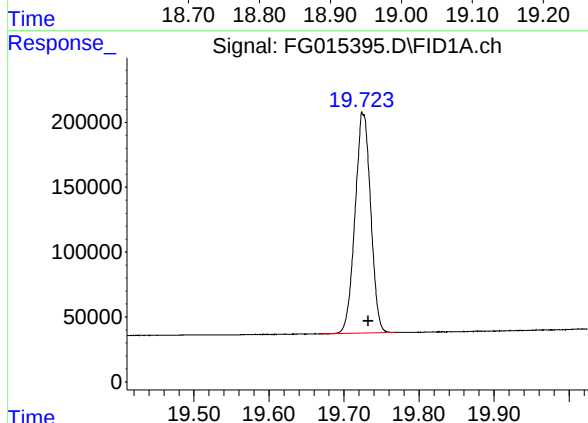
R.T.: 18.107 min
Delta R.T.: -0.006 min
Response: 2372410
Conc: 20.63 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166849BS



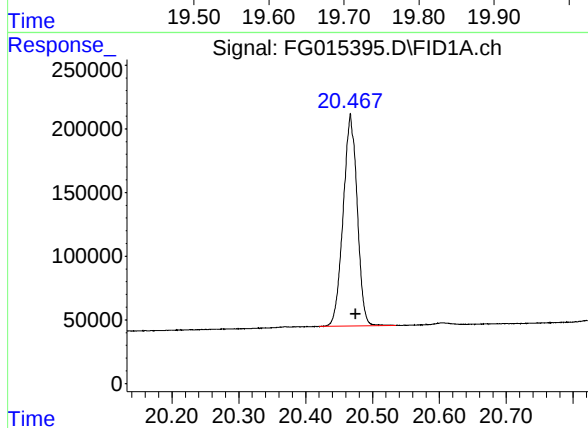
#14 N-DOTRIACONTANE

R.T.: 18.941 min
Delta R.T.: -0.007 min
Response: 2391004
Conc: 21.04 ug/ml



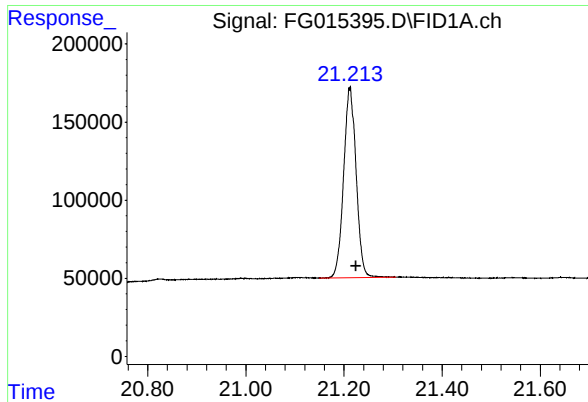
#15 N-TETRATRIACONTANE

R.T.: 19.725 min
Delta R.T.: -0.007 min
Response: 2456589
Conc: 22.85 ug/ml



#16 N-HEXATRIACONTANE

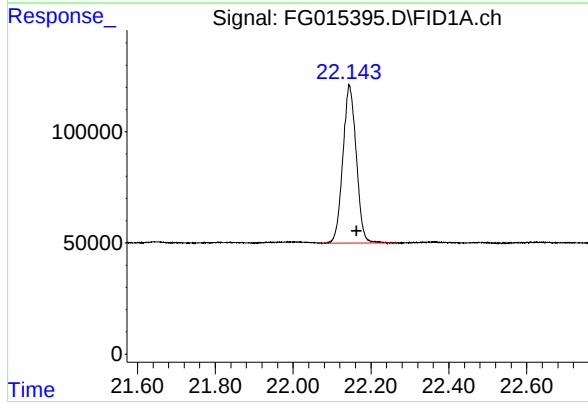
R.T.: 20.467 min
Delta R.T.: -0.008 min
Response: 2418168
Conc: 24.16 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.212 min
Delta R.T.: -0.012 min
Response: 2155246
Conc: 21.53 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166849BS



#18 N-TETRACONTANE

R.T.: 22.144 min
Delta R.T.: -0.019 min
Response: 1694493
Conc: 17.18 ug/ml