Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101221\
Data File : FG008846.D
Signal(s) : FID1A.ch
Acq On : 12 Oct 2021 10:56
Operator : AJ\MA
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**

Integration File: autoint1.e
Quant Time: Oct 13 03:51:14 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100721.M
Quant Title :
QLast Update : Fri Oct 08 03:31:08 2021
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... | 14.749 | 5854974 | 50.724 ug/ml |
| | Target Compounds | | | |
| 1) | N-OCTANE | 2.341 | 7420151 | 53.715 ug/ml |
| 2) | N-DECANE | 4.446 | 7637044 | 54.742 ug/ml |
| 3) | N-DODECANE | 6.474 | 7698838 | 54.600 ug/ml |
| 4) | N-TETRADECANE | 8.277 | 7691418 | 54.560 ug/ml |
| 5) | N-HEXADECANE | 9.883 | 7581464 | 54.139 ug/ml |
| 6) | N-OCTADECANE | 11.330 | 7566993 | 53.544 ug/ml |
| 7) | N-EICOSANE | 12.644 | 7359982 | 52.774 ug/ml |
| 8) | N-DOCOSANE | 13.846 | 6964934 | 51.637 ug/ml |
| 10) | N-TETRACOSANE | 14.955 | 6587738 | 50.171 ug/ml |
| 11) | N-HEXACOSANE | 15.978 | 6104497 | 48.764 ug/ml |
| 12) | N-OCTACOSANE | 16.930 | 5741611 | 48.182 ug/ml |
| 13) | N-TRIACONTANE | 17.820 | 5643066 | 49.752 ug/ml |
| 14) | N-DOTRIACONTANE | 18.657 | 5920551 | 55.816 ug/ml |
| 15) | N-TETRATRIACONTANE | 19.442 | 6475545 | 65.018 ug/ml |
| 16) | N-HEXATRIACONTANE | 20.184 | 7238122 | 78.372 ug/ml |
| 17) | N-OCTATRIACONTANE | 20.938 | 7494552 | 85.380 ug/ml |
| 18) | N-TETRACONTANE | 21.889 | 7573321 | 85.051 ug/ml |

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

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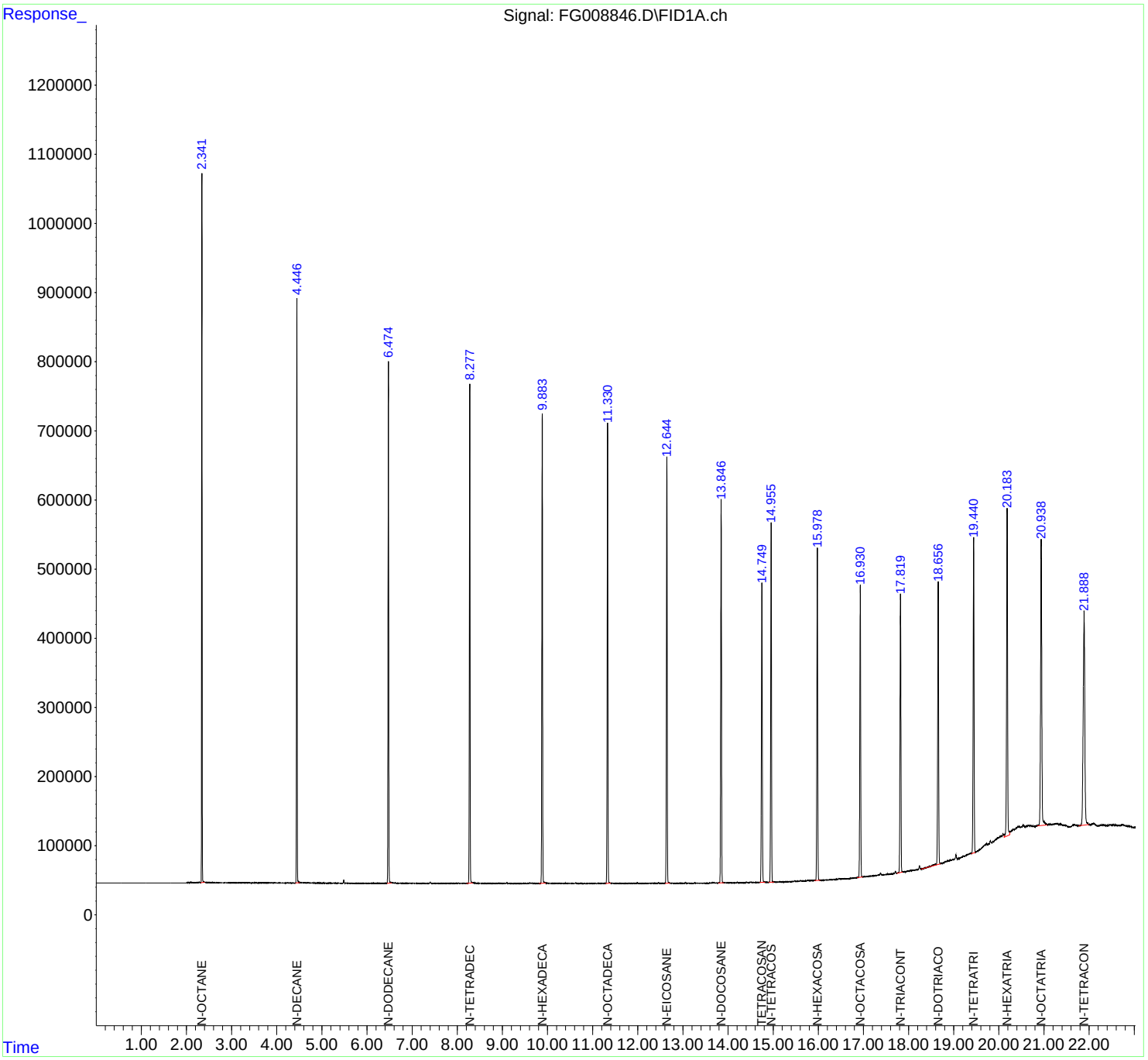
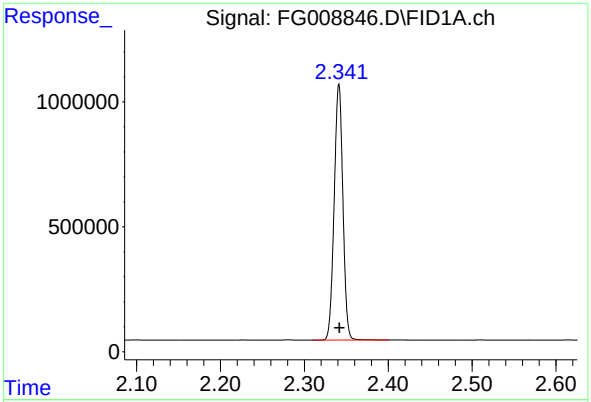
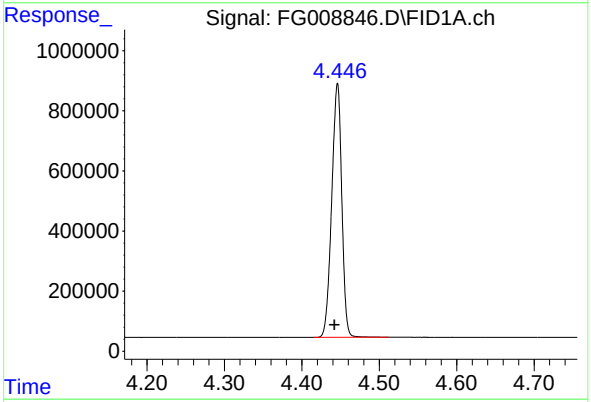





#1 N-OCTANE

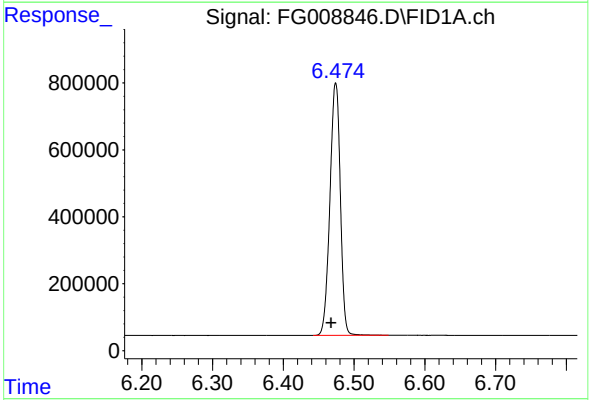
R.T.: 2.341 min
Delta R.T.: 0.000 min
Response: 7420151
Conc: 53.71 ug/ml

**Instrument :**
FID_G
**ClientSampleId :**



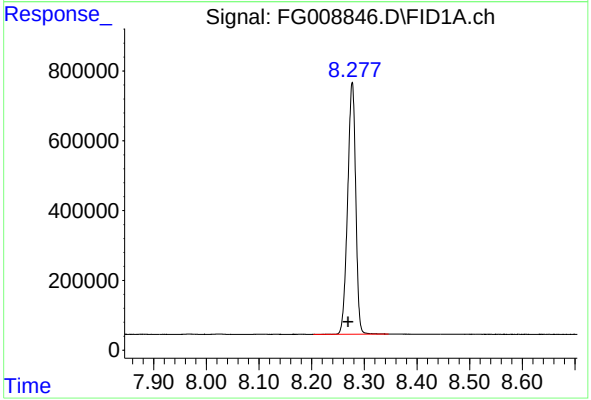

#2 N-DECANE

R.T.: 4.446 min
Delta R.T.: 0.004 min
Response: 7637044
Conc: 54.74 ug/ml



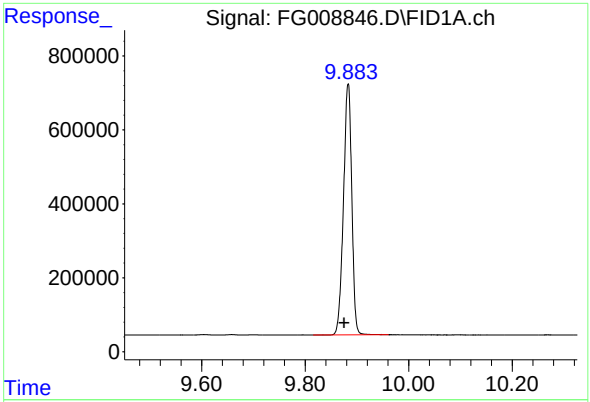

#3 N-DODECANE

R.T.: 6.474 min
Delta R.T.: 0.007 min
Response: 7698838
Conc: 54.60 ug/ml




#4 N-TETRADECANE

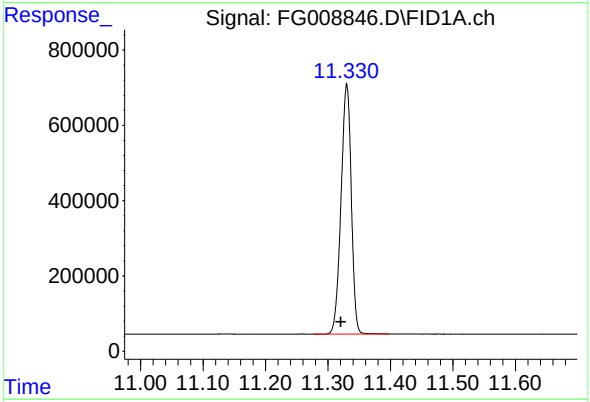
R.T.: 8.277 min
Delta R.T.: 0.008 min
Response: 7691418
Conc: 54.56 ug/ml




#5 N-HEXADECANE

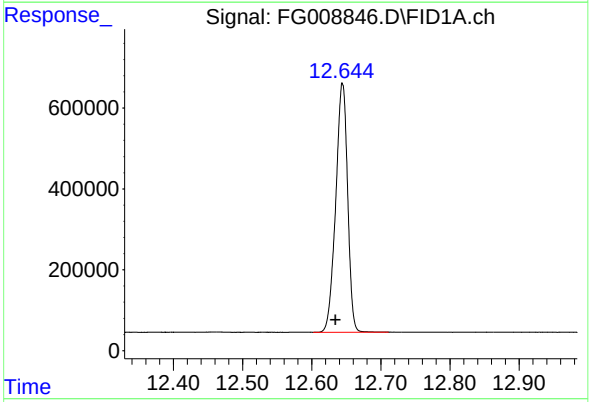
R.T.: 9.883 min
Delta R.T.: 0.008 min
Response: 7581464
Conc: 54.14 ug/ml

**Instrument :**
FID_G
**ClientSampleId :**



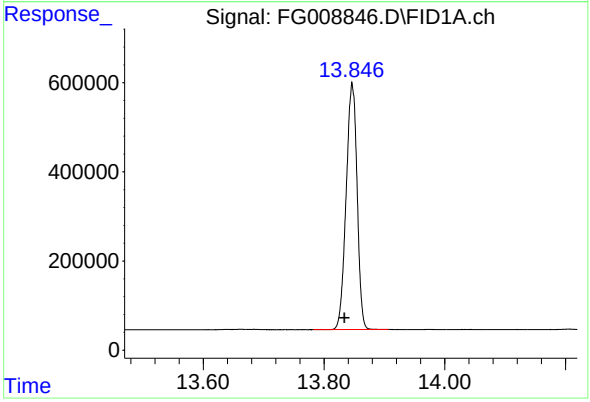

#6 N-OCTADECANE

R.T.: 11.330 min
Delta R.T.: 0.010 min
Response: 7566993
Conc: 53.54 ug/ml



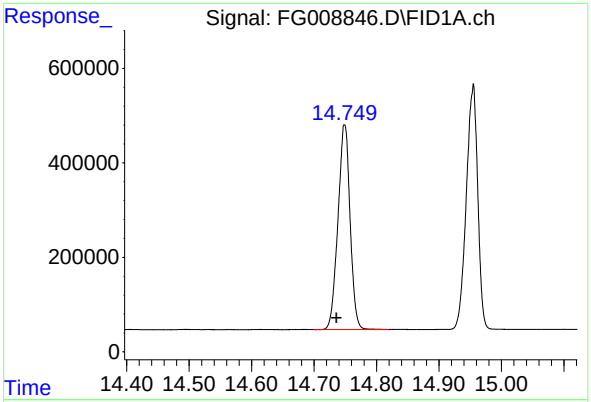

#7 N-EICOSANE

R.T.: 12.644 min
Delta R.T.: 0.010 min
Response: 7359982
Conc: 52.77 ug/ml




#8 N-DOCOSANE

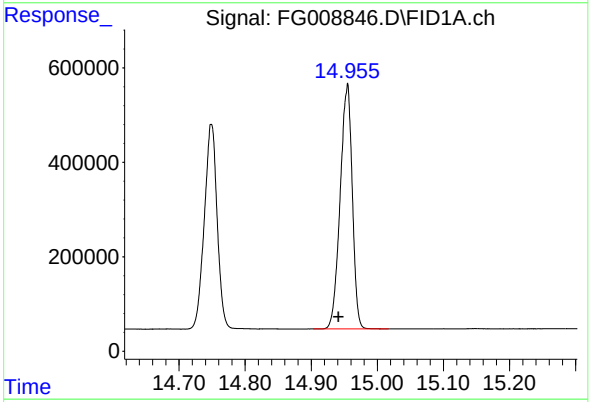
R.T.: 13.846 min
Delta R.T.: 0.012 min
Response: 6964934
Conc: 51.64 ug/ml




#9 TETRACOSANE-d50 (SURROGATE)

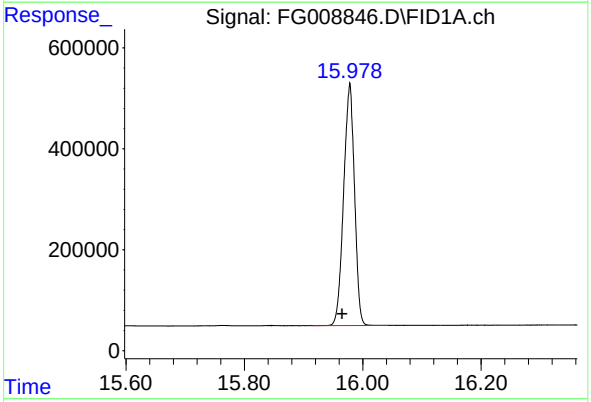
R.T.: 14.749 min
Delta R.T.: 0.013 min
Response: 5854974
Conc: 50.72 ug/ml

**Instrument :**
FID_G
**ClientSampleId :**



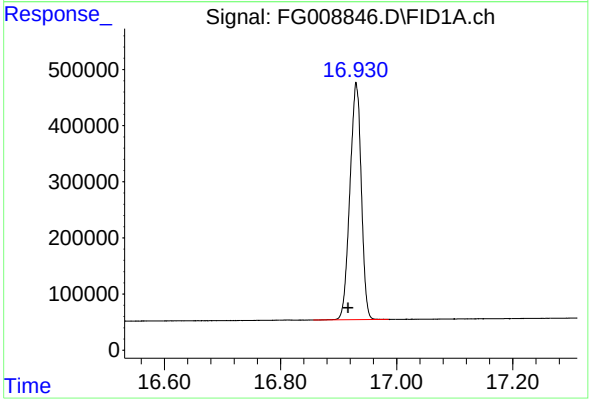

#10 N-TETRACOSANE

R.T.: 14.955 min
Delta R.T.: 0.014 min
Response: 6587738
Conc: 50.17 ug/ml



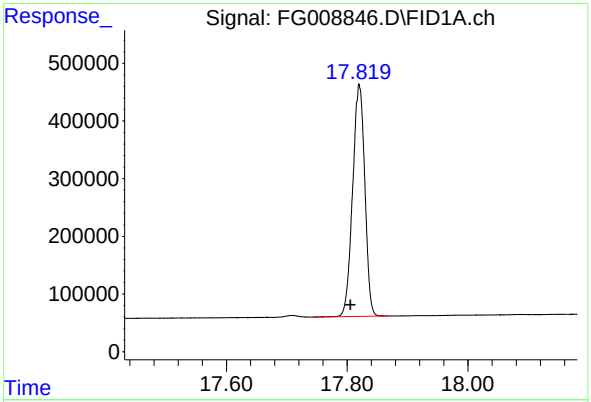

#11 N-HEXACOSANE

R.T.: 15.978 min
Delta R.T.: 0.014 min
Response: 6104497
Conc: 48.76 ug/ml




#12 N-OCTACOSANE

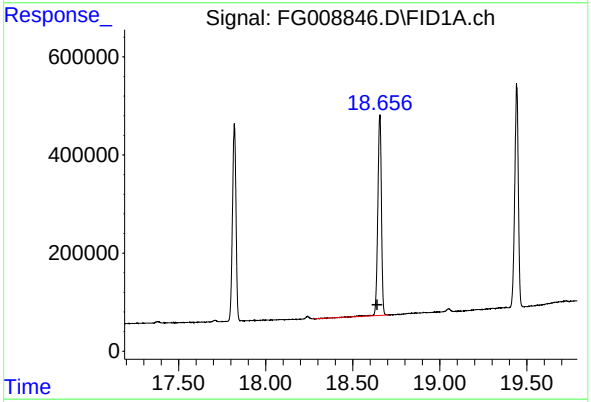
R.T.: 16.930 min
Delta R.T.: 0.014 min
Response: 5741611
Conc: 48.18 ug/ml




#13 N-TRIACONTANE

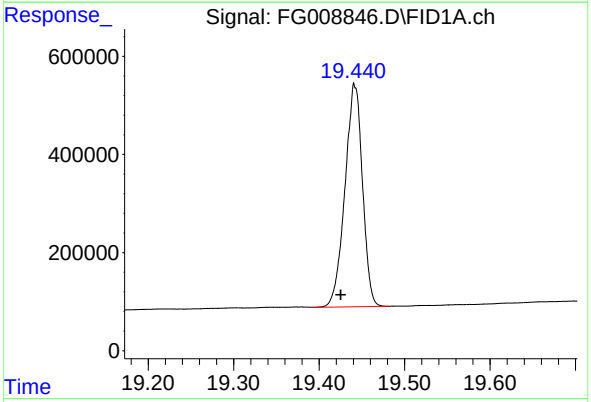
R.T.: 17.820 min
Delta R.T.: 0.015 min
Response: 5643066
Conc: 49.75 ug/ml

**Instrument :**
FID_G
**ClientSampleId :**



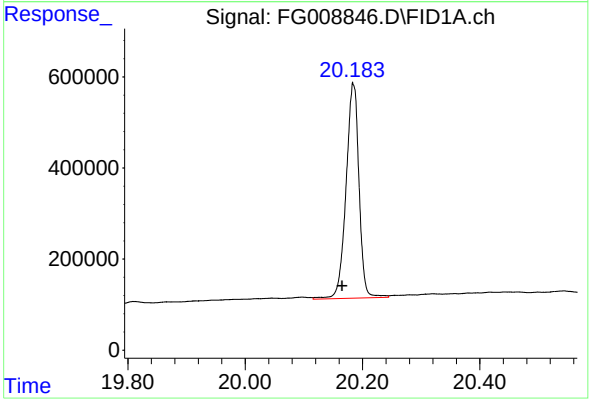

#14 N-DOTRIACONTANE

R.T.: 18.657 min
Delta R.T.: 0.017 min
Response: 5920551
Conc: 55.82 ug/ml



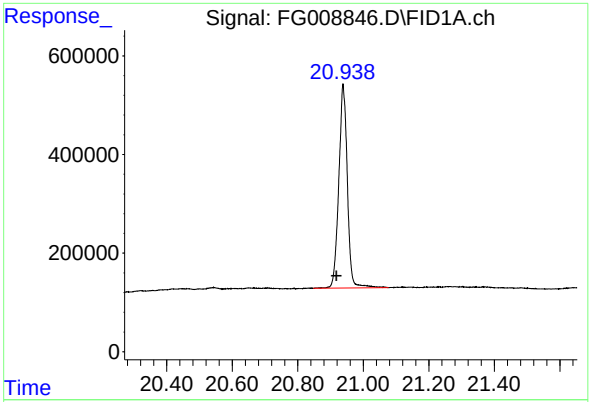

#15 N-TETRATRIACONTANE

R.T.: 19.442 min
Delta R.T.: 0.016 min
Response: 6475545
Conc: 65.02 ug/ml




#16 N-HEXATRIACONTANE

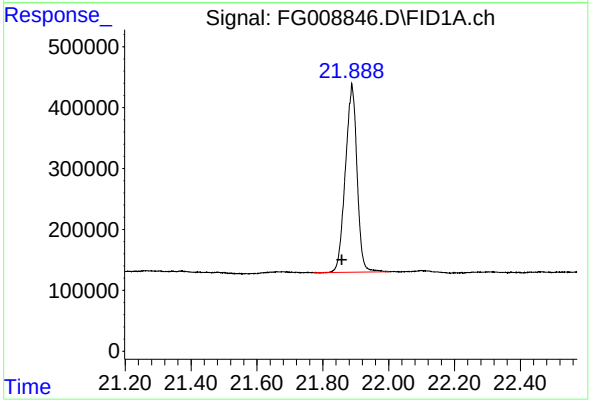
R.T.: 20.184 min
Delta R.T.: 0.019 min
Response: 7238122
Conc: 78.37 ug/ml




#17 N-OCTATRIACONTANE

R.T.: 20.938 min
Delta R.T.: 0.020 min
Response: 7494552
Conc: 85.38 ug/ml

**Instrument :**
FID_G
**ClientSampleId :**




#18 N-TETRACONTANE

R.T.: 21.889 min
Delta R.T.: 0.031 min
Response: 7573321
Conc: 85.05 ug/ml