

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG081122\  
 Data File : FG010343.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Aug 2022 16:08  
 Operator : YP\AJ  
 Sample : PB146930BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB146930BS

Integration File: autoint1.e  
 Quant Time: Aug 12 04:50:01 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG072822.M  
 Quant Title :  
 QLast Update : Thu Jul 28 15:10:44 2022  
 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... | 14.795 | 2013158  | 15.848 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.818  | 2051665  | 15.705 ug/ml |
| 2) N-DECANE                   | 4.320  | 2084148  | 15.516 ug/ml |
| 3) N-DODECANE                 | 6.500  | 1982330  | 14.422 ug/ml |
| 4) N-TETRADECANE              | 8.331  | 1992475  | 14.223 ug/ml |
| 5) N-HEXADECANE               | 9.939  | 1958929  | 13.547 ug/ml |
| 6) N-OCTADECANE               | 11.382 | 1948294  | 13.208 ug/ml |
| 7) N-EICOSANE                 | 12.693 | 1971486  | 13.312 ug/ml |
| 8) N-DOCOSANE                 | 13.893 | 2012803  | 13.887 ug/ml |
| 10) N-TETRACOSANE             | 14.997 | 1991142  | 13.804 ug/ml |
| 11) N-HEXACOSANE              | 16.020 | 1931722  | 13.667 ug/ml |
| 12) N-OCTACOSANE              | 16.970 | 1894266  | 13.719 ug/ml |
| 13) N-TRIACONTANE             | 17.859 | 1802719  | 13.309 ug/ml |
| 14) N-DOTRIACONTANE           | 18.692 | 1635008  | 12.446 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.477 | 1438889  | 11.497 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.218 | 1471215  | 12.758 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.931 | 1466563  | 12.904 ug/ml |
| 18) N-TETRACONTANE            | 21.772 | 1548471  | 13.196 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

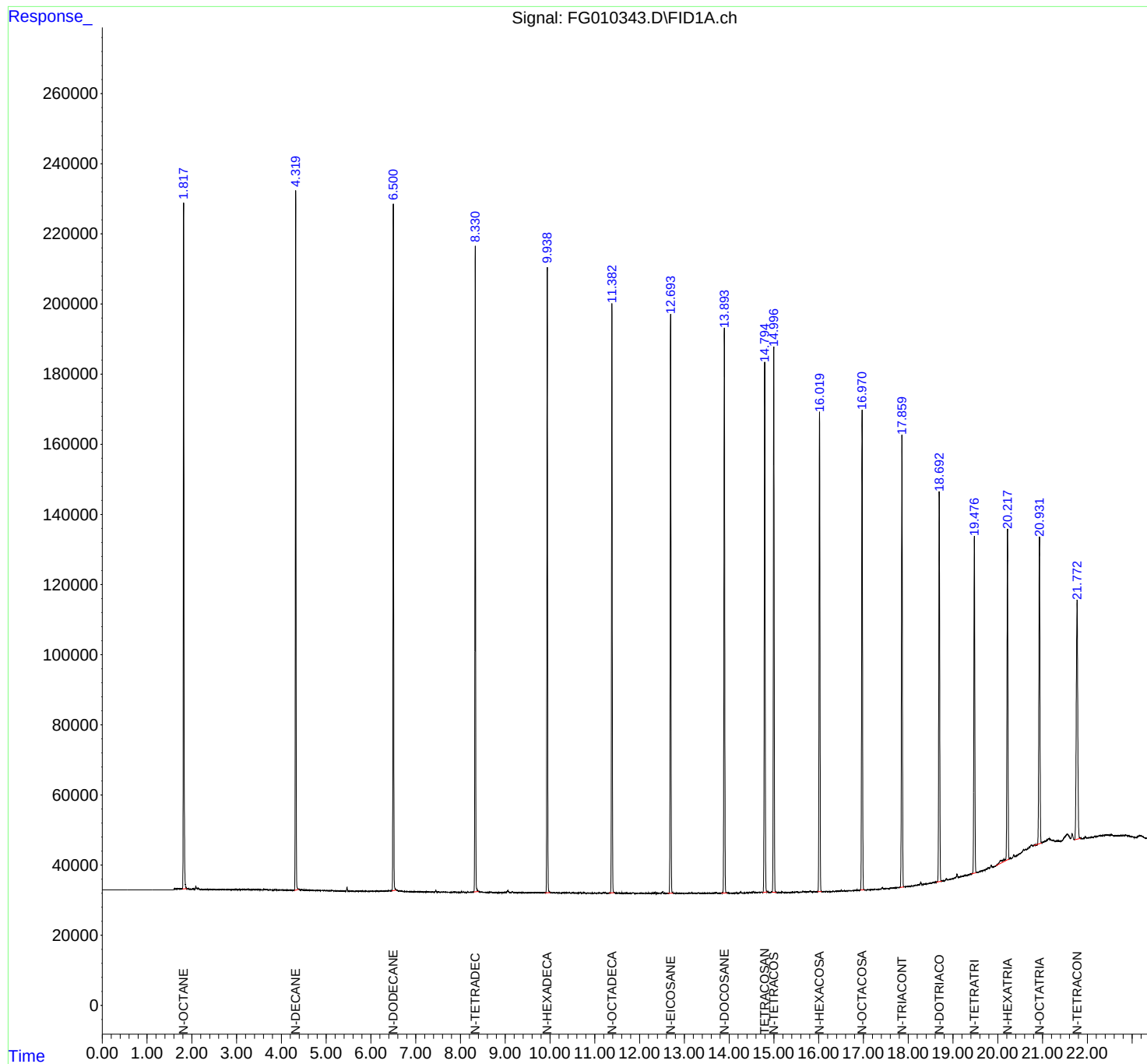
(m)=manual int.

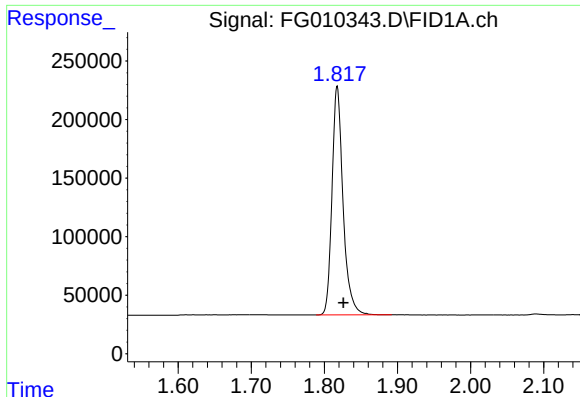
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Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

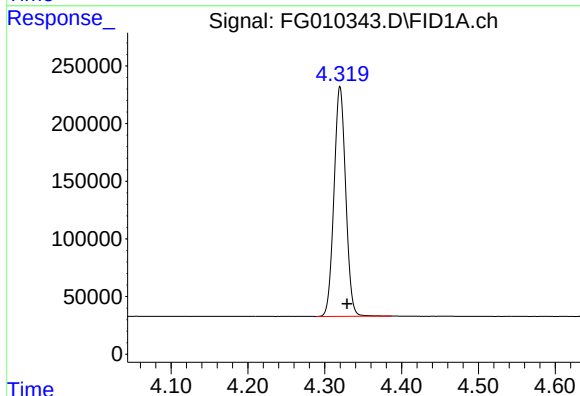




#1 N-OCTANE

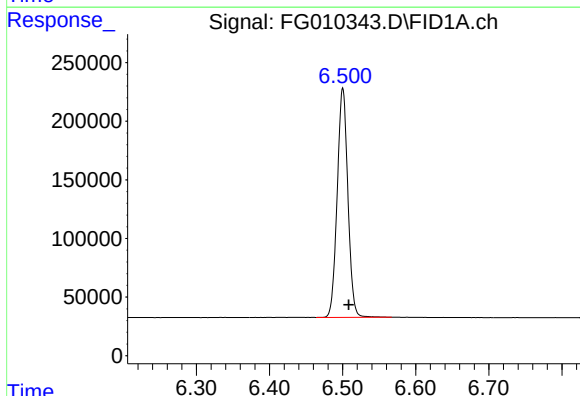
R.T.: 1.818 min  
Delta R.T.: -0.008 min  
Response: 2051665  
Conc: 15.70 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
PB146930BS



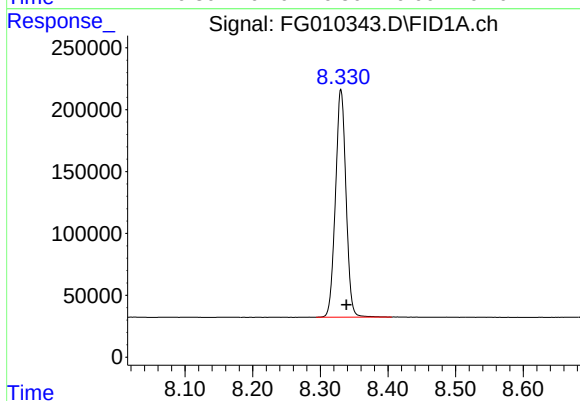
#2 N-DECANE

R.T.: 4.320 min  
Delta R.T.: -0.009 min  
Response: 2084148  
Conc: 15.52 ug/ml



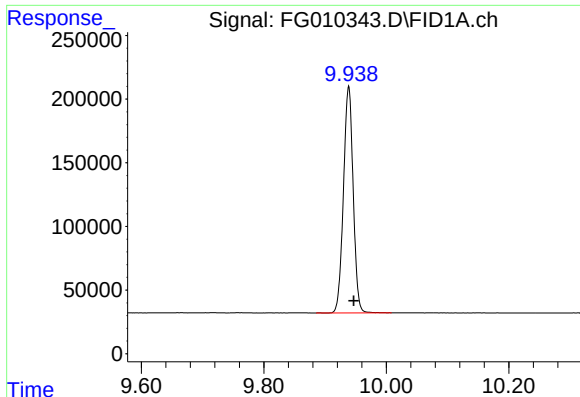
#3 N-DODECANE

R.T.: 6.500 min  
Delta R.T.: -0.008 min  
Response: 1982330  
Conc: 14.42 ug/ml



#4 N-TETRADECANE

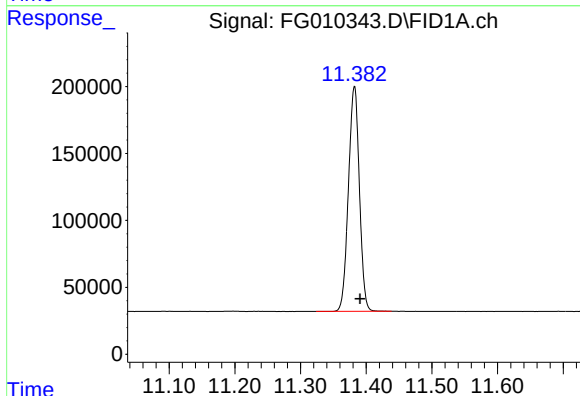
R.T.: 8.331 min  
Delta R.T.: -0.008 min  
Response: 1992475  
Conc: 14.22 ug/ml



#5 N-HEXADECANE

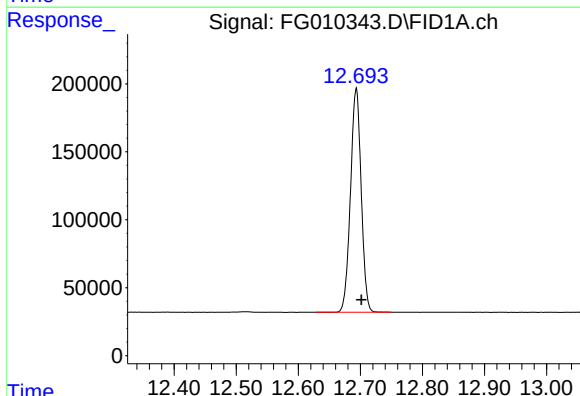
R.T.: 9.939 min  
Delta R.T.: -0.008 min  
Response: 1958929  
Conc: 13.55 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
PB146930BS



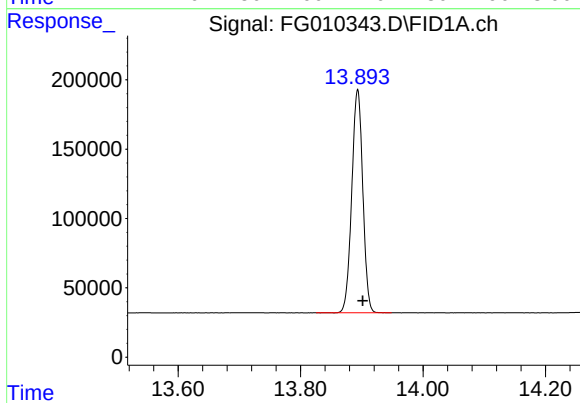
#6 N-OCTADECANE

R.T.: 11.382 min  
Delta R.T.: -0.009 min  
Response: 1948294  
Conc: 13.21 ug/ml



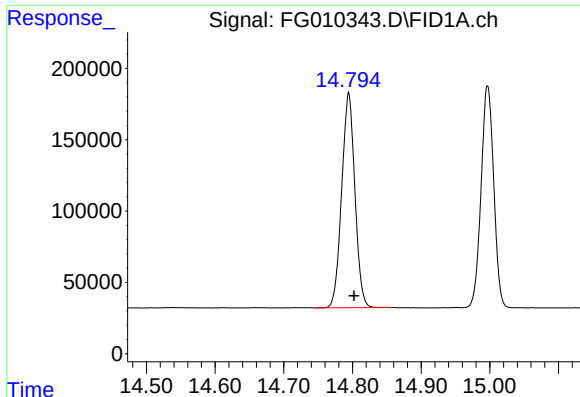
#7 N-EICOSANE

R.T.: 12.693 min  
Delta R.T.: -0.008 min  
Response: 1971486  
Conc: 13.31 ug/ml



#8 N-DOCOSANE

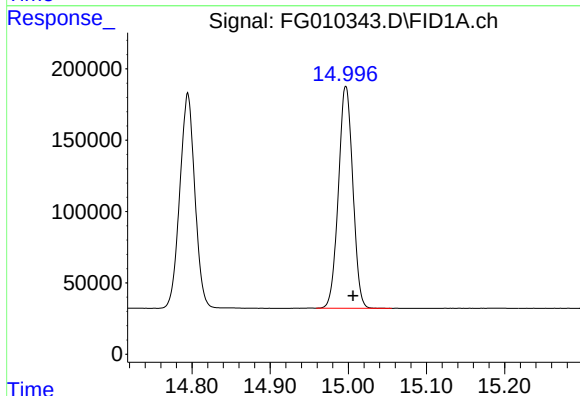
R.T.: 13.893 min  
Delta R.T.: -0.009 min  
Response: 2012803  
Conc: 13.89 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

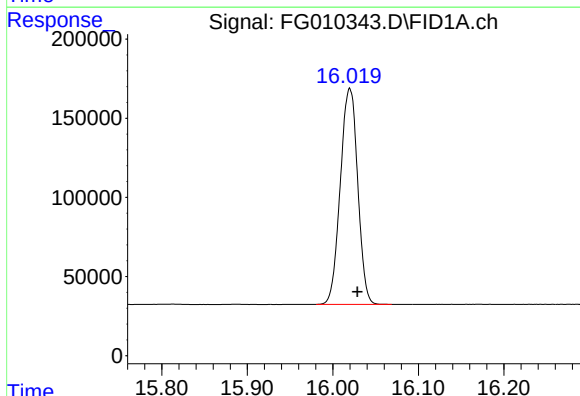
R.T.: 14.795 min  
Delta R.T.: -0.008 min  
Response: 2013158  
Conc: 15.85 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
PB146930BS



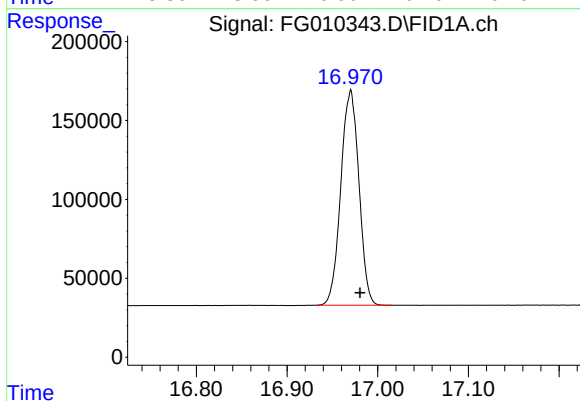
#10 N-TETRACOSANE

R.T.: 14.997 min  
Delta R.T.: -0.009 min  
Response: 1991142  
Conc: 13.80 ug/ml



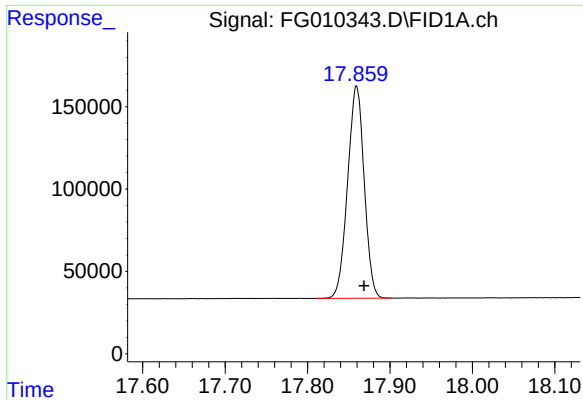
#11 N-HEXACOSANE

R.T.: 16.020 min  
Delta R.T.: -0.009 min  
Response: 1931722  
Conc: 13.67 ug/ml



#12 N-OCTACOSANE

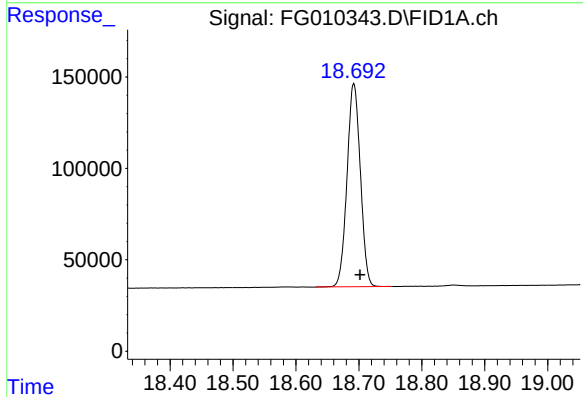
R.T.: 16.970 min  
Delta R.T.: -0.010 min  
Response: 1894266  
Conc: 13.72 ug/ml



#13 N-TRIACONTANE

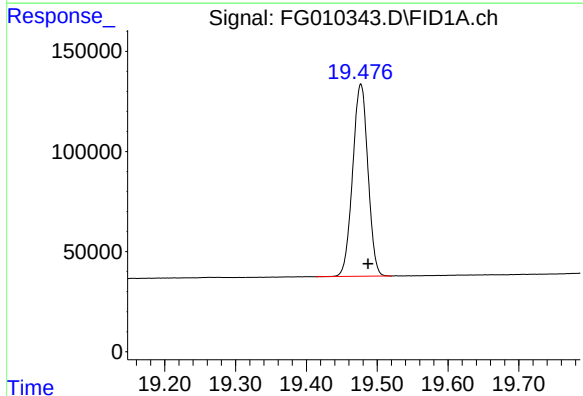
R.T.: 17.859 min  
Delta R.T.: -0.009 min  
Response: 1802719  
Conc: 13.31 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
PB146930BS



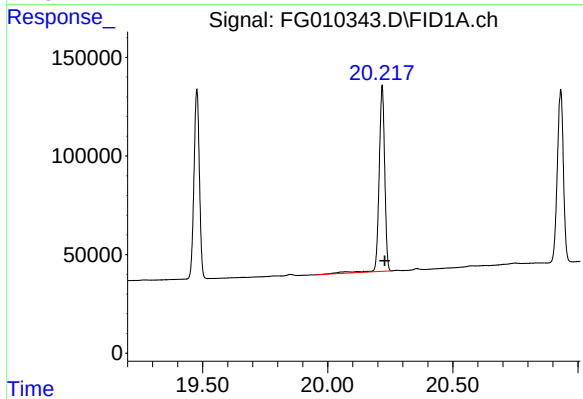
#14 N-DOTRIACONTANE

R.T.: 18.692 min  
Delta R.T.: -0.010 min  
Response: 1635008  
Conc: 12.45 ug/ml



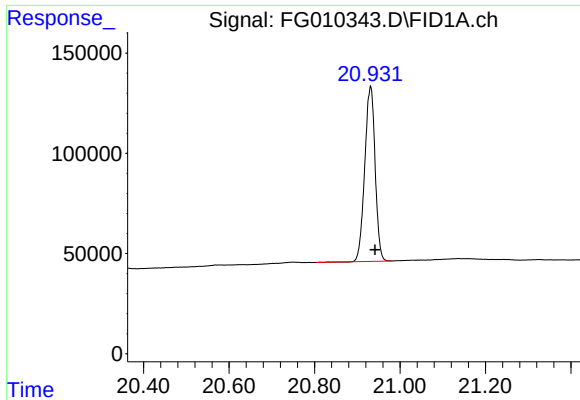
#15 N-TETRATRIACONTANE

R.T.: 19.477 min  
Delta R.T.: -0.010 min  
Response: 1438889  
Conc: 11.50 ug/ml



#16 N-HEXATRIACONTANE

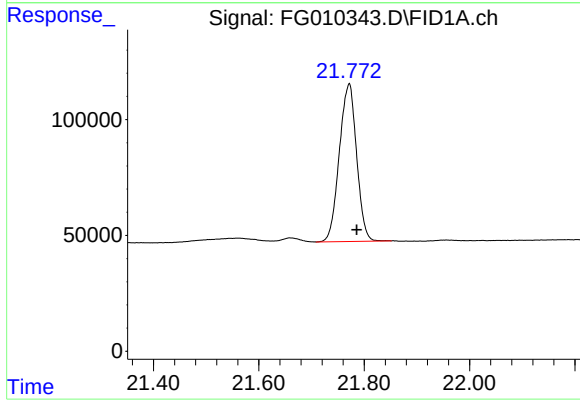
R.T.: 20.218 min  
Delta R.T.: -0.010 min  
Response: 1471215  
Conc: 12.76 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.931 min  
Delta R.T.: -0.010 min  
Response: 1466563  
Conc: 12.90 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
PB146930BS



#18 N-TETRACONTANE

R.T.: 21.772 min  
Delta R.T.: -0.014 min  
Response: 1548471  
Conc: 13.20 ug/ml