

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG083123\  
 Data File : FG012841.D  
 Signal(s) : FID1A.ch  
 Acq On : 31 Aug 2023 09:24  
 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: Sep 01 00:15:07 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080223.M  
 Quant Title :  
 QLast Update : Wed Aug 02 18:57:31 2023  
 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... | 15.085 | 6122109  | 54.727 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.081  | 7150584  | 58.078 ug/ml |
| 2) N-DECANE                   | 4.601  | 7550387  | 59.434 ug/ml |
| 3) N-DODECANE                 | 6.775  | 7569477  | 58.931 ug/ml |
| 4) N-TETRADECANE              | 8.607  | 7516140  | 58.346 ug/ml |
| 5) N-HEXADECANE               | 10.221 | 7487459  | 57.716 ug/ml |
| 6) N-OCTADECANE               | 11.668 | 7477999  | 57.015 ug/ml |
| 7) N-EICOSANE                 | 12.982 | 7257161  | 56.424 ug/ml |
| 8) N-DOCOSANE                 | 14.184 | 7007568  | 55.407 ug/ml |
| 10) N-TETRACOSANE             | 15.291 | 6892467  | 54.500 ug/ml |
| 11) N-HEXACOSANE              | 16.312 | 6677905  | 53.348 ug/ml |
| 12) N-OCTACOSANE              | 17.265 | 6532317  | 53.150 ug/ml |
| 13) N-TRIACONTANE             | 18.153 | 6302496  | 53.216 ug/ml |
| 14) N-DOTRIACONTANE           | 18.987 | 5741097  | 51.122 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.771 | 4949962  | 52.257 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.509 | 4172386  | 51.416 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.268 | 3714136  | 51.432 ug/ml |
| 18) N-TETRACONTANE            | 22.218 | 3630800  | 52.108 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

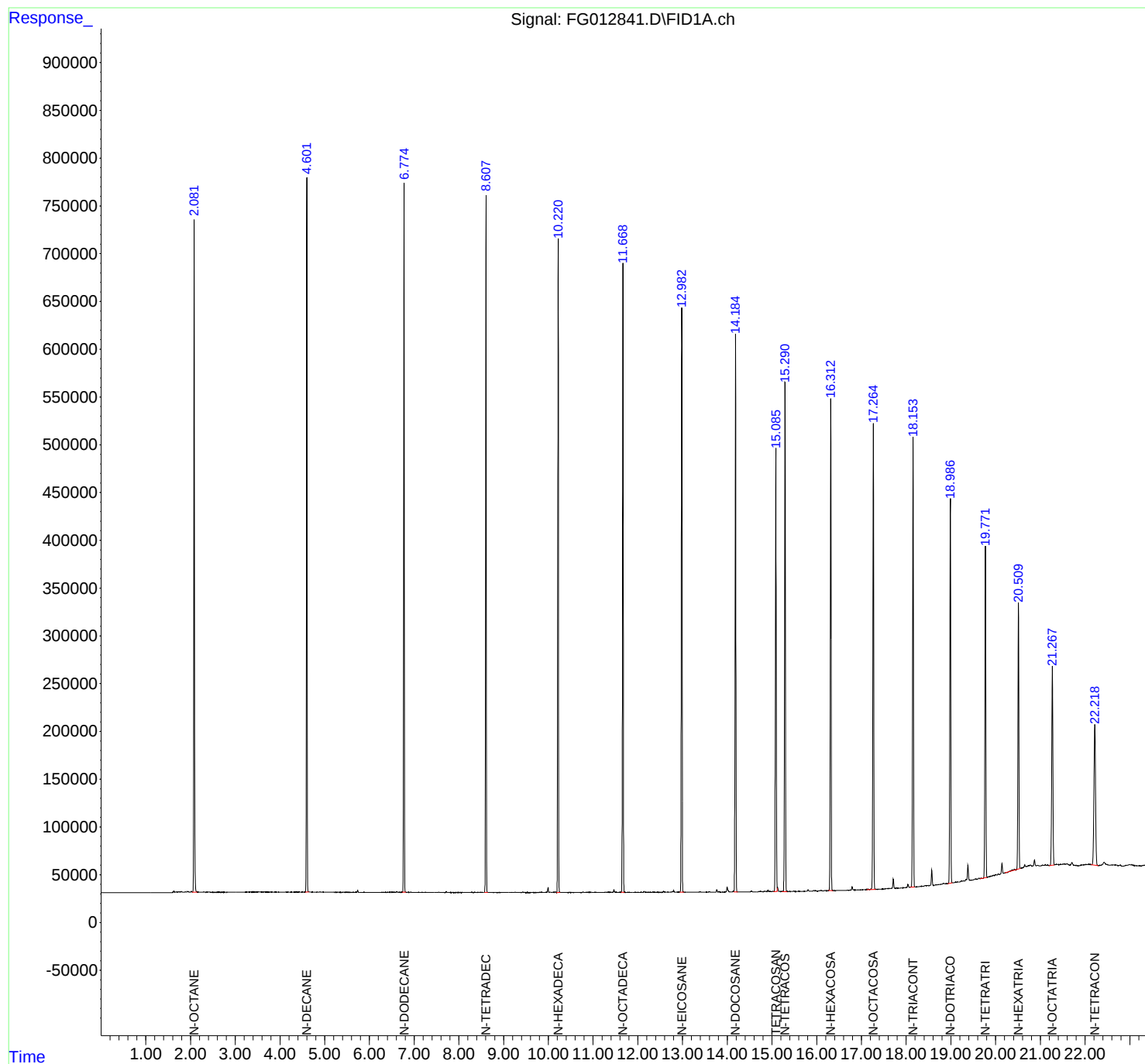
(m)=manual int.

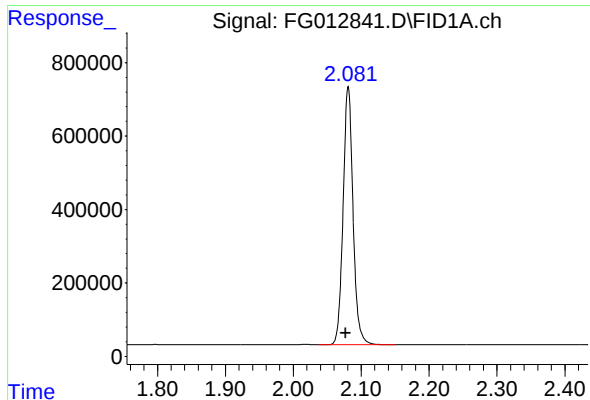
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

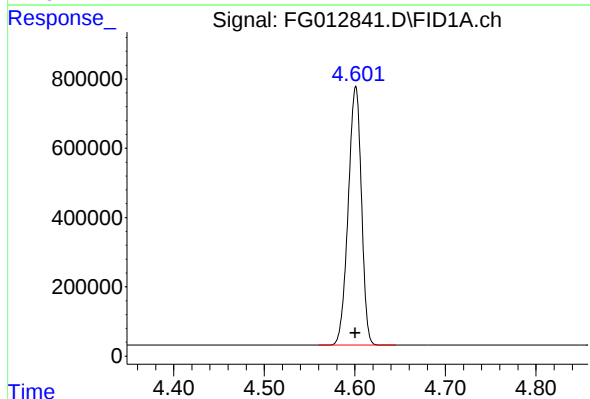




#1 N-OCTANE

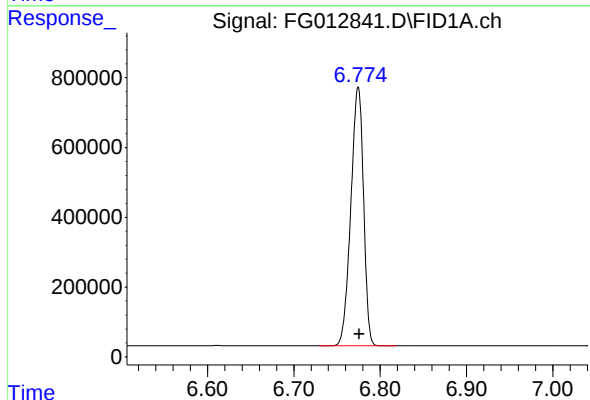
R.T.: 2.081 min  
Delta R.T.: 0.004 min  
Response: 7150584  
Conc: 58.08 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



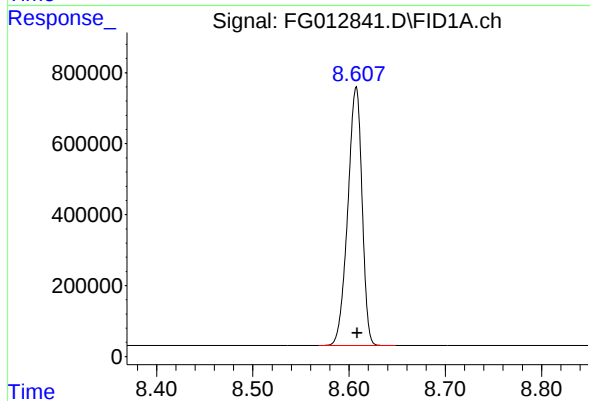
#2 N-DECANE

R.T.: 4.601 min  
Delta R.T.: 0.000 min  
Response: 7550387  
Conc: 59.43 ug/ml



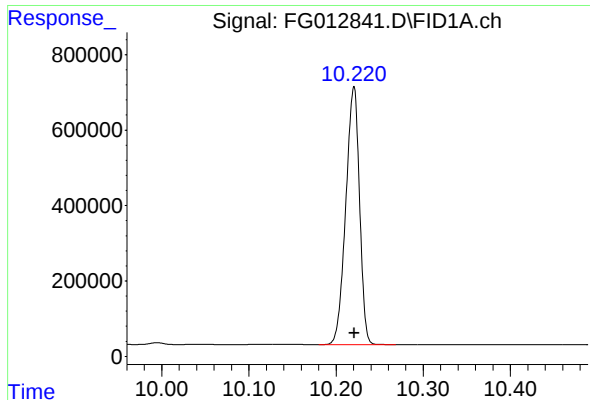
#3 N-DODECANE

R.T.: 6.775 min  
Delta R.T.: -0.001 min  
Response: 7569477  
Conc: 58.93 ug/ml



#4 N-TETRADECANE

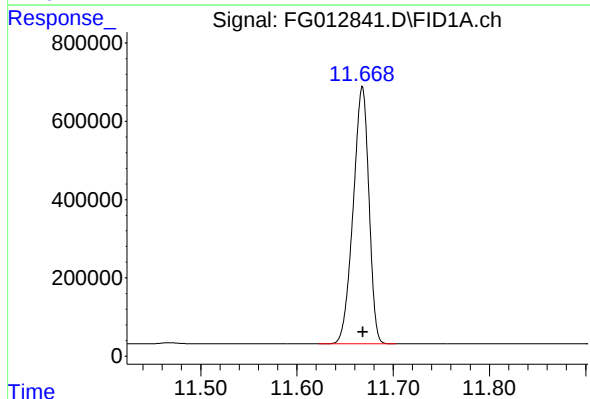
R.T.: 8.607 min  
Delta R.T.: -0.001 min  
Response: 7516140  
Conc: 58.35 ug/ml



#5 N-HEXADECANE

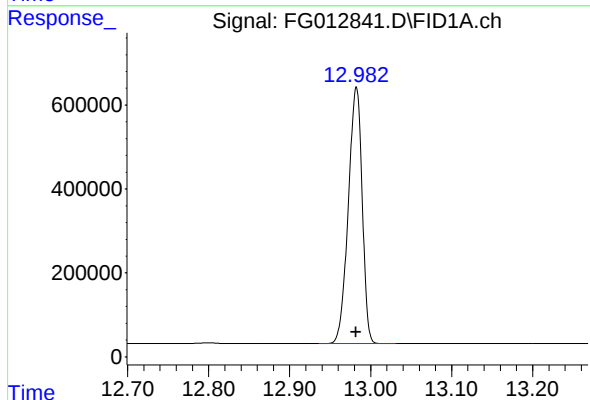
R.T.: 10.221 min  
Delta R.T.: 0.000 min  
Response: 7487459  
Conc: 57.72 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



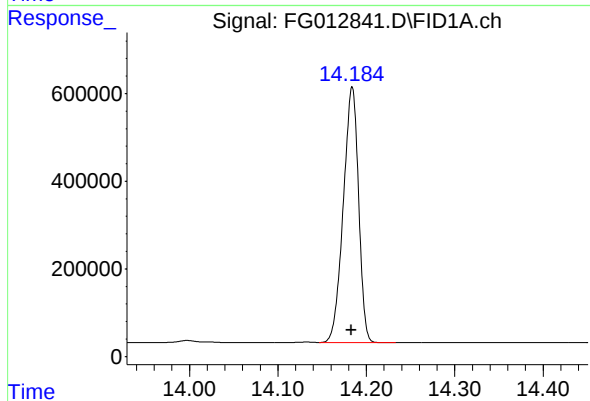
#6 N-OCTADECANE

R.T.: 11.668 min  
Delta R.T.: 0.000 min  
Response: 7477999  
Conc: 57.01 ug/ml



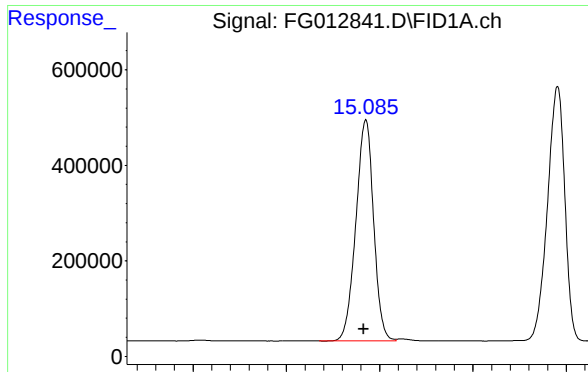
#7 N-EICOSANE

R.T.: 12.982 min  
Delta R.T.: 0.000 min  
Response: 7257161  
Conc: 56.42 ug/ml



#8 N-DOCOSANE

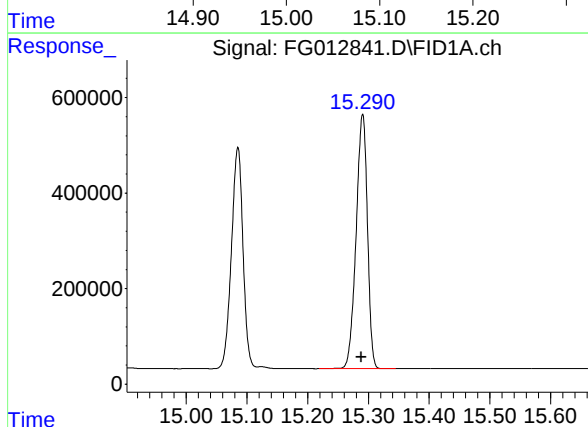
R.T.: 14.184 min  
Delta R.T.: 0.000 min  
Response: 7007568  
Conc: 55.41 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

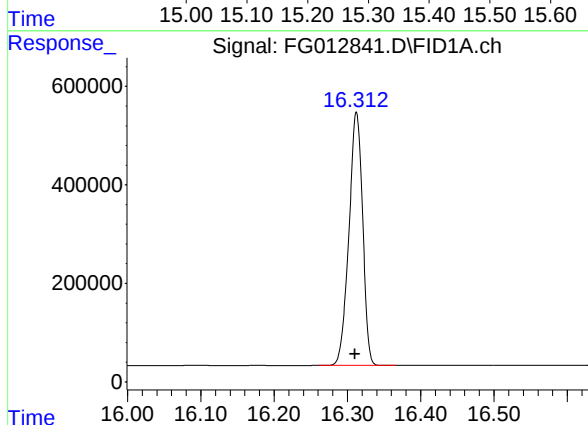
R.T.: 15.085 min  
Delta R.T.: 0.003 min  
Response: 6122109  
Conc: 54.73 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



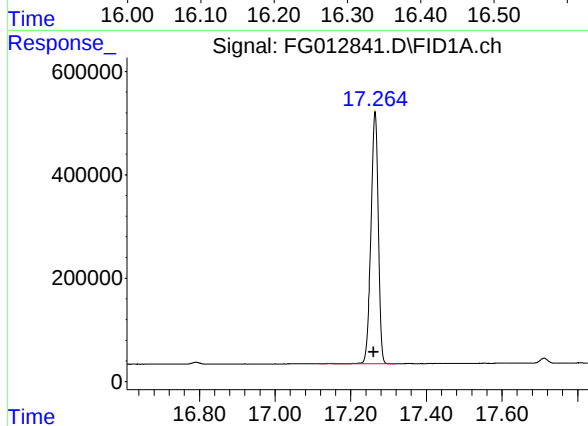
#10 N-TETRACOSANE

R.T.: 15.291 min  
Delta R.T.: 0.002 min  
Response: 6892467  
Conc: 54.50 ug/ml



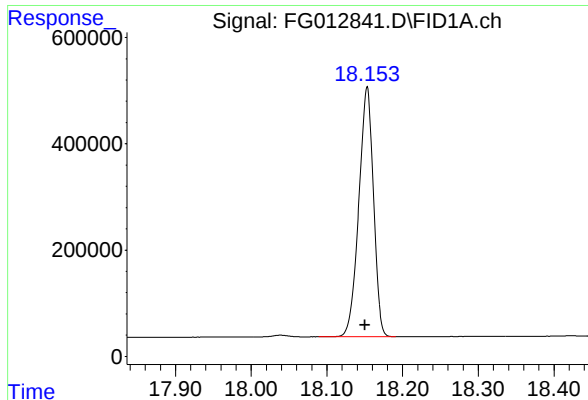
#11 N-HEXACOSANE

R.T.: 16.312 min  
Delta R.T.: 0.002 min  
Response: 6677905  
Conc: 53.35 ug/ml



#12 N-OCTACOSANE

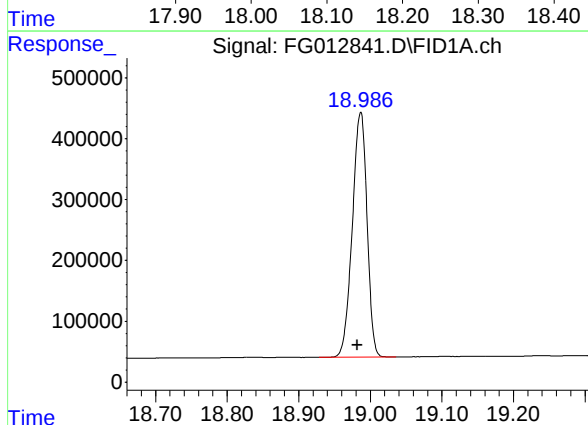
R.T.: 17.265 min  
Delta R.T.: 0.003 min  
Response: 6532317  
Conc: 53.15 ug/ml



#13 N-TRIACONTANE

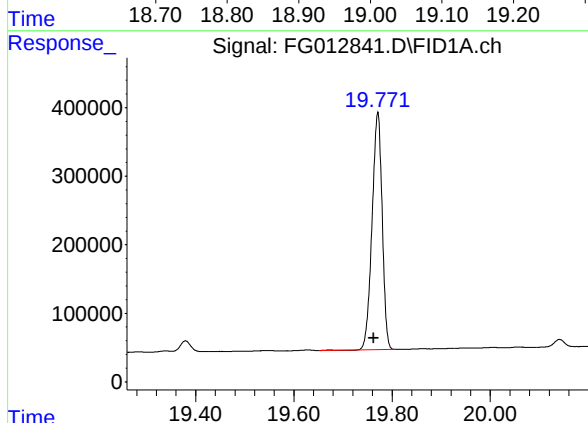
R.T.: 18.153 min  
Delta R.T.: 0.003 min  
Response: 6302496  
Conc: 53.22 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



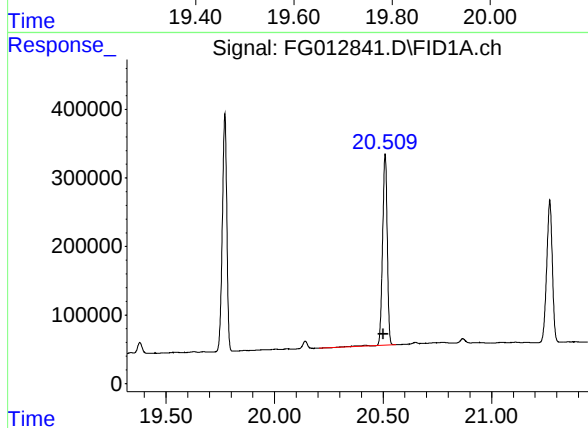
#14 N-DOTRIACONTANE

R.T.: 18.987 min  
Delta R.T.: 0.005 min  
Response: 5741097  
Conc: 51.12 ug/ml



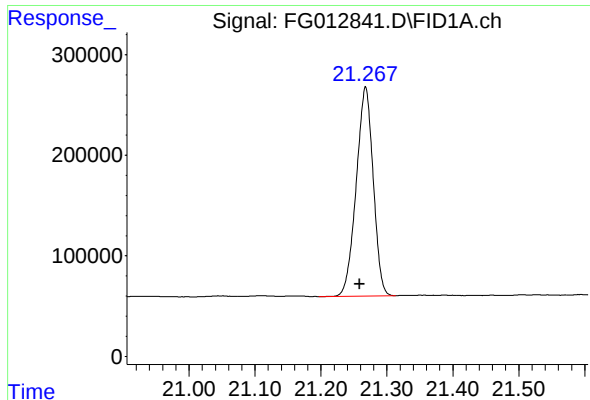
#15 N-TETRATRIACONTANE

R.T.: 19.771 min  
Delta R.T.: 0.008 min  
Response: 4949962  
Conc: 52.26 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.509 min  
Delta R.T.: 0.008 min  
Response: 4172386  
Conc: 51.42 ug/ml



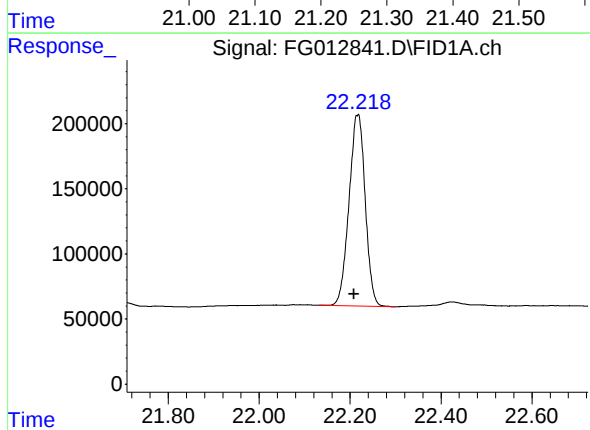
#17 N-OCTATRIACONTANE

R.T.: 21.268 min  
Delta R.T.: 0.009 min  
Response: 3714136  
Conc: 51.43 ug/ml

Instrument :

FID\_G

ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.218 min  
Delta R.T.: 0.009 min  
Response: 3630800  
Conc: 52.11 ug/ml