

Data Path : P:\HPCHEM1\FID\_E\Data\FE050818\  
 Data File : FE027028.D  
 Signal(s) : FID1B.CH  
 Acq On : 09 May 2018 18:21  
 Operator : UA/AJ  
 Sample : PB109067BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB109067BS

Integration File: autoint1.e  
 Quant Time: May 10 08:46:51 2018  
 Quant Method : P:\HPCHEM1\FID\_E\methods\FE050818.M  
 Quant Title :  
 QLast Update : Wed May 09 08:38:37 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 15.299 | 2980903  | 20.244 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.800  | 2724967  | 17.998 ug/ml |
| 2) N-DECANE                   | 4.949  | 3783425  | 23.226 ug/ml |
| 3) N-DODECANE                 | 6.992  | 4004058  | 23.033 ug/ml |
| 4) N-TETRADECANE              | 8.804  | 4221552  | 22.337 ug/ml |
| 5) N-HEXADECANE               | 10.418 | 4136682  | 21.040 ug/ml |
| 6) N-OCTADECANE               | 11.871 | 4015176  | 19.995 ug/ml |
| 7) N-EICOSANE                 | 13.190 | 3857605  | 20.256 ug/ml |
| 8) N-DOCOSANE                 | 14.397 | 3779199  | 21.186 ug/ml |
| 10) N-TETRACOSANE             | 15.507 | 3749440  | 22.262 ug/ml |
| 11) N-HEXACOSANE              | 16.533 | 3786908  | 22.925 ug/ml |
| 12) N-OCTACOSANE              | 17.488 | 3901017  | 23.607 ug/ml |
| 13) N-TRIACONTANE             | 18.382 | 4260216  | 25.323 ug/ml |
| 14) N-DOTRIACONTANE           | 19.219 | 3953586  | 23.011 ug/ml |
| 15) N-TETRATRIACONTANE        | 20.008 | 5062742  | 28.248 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.774 | 5444983  | 30.943 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.685 | 5661518  | 34.465 ug/ml |
| 18) N-TETRACONTANE            | 22.860 | 4404435  | 26.525 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

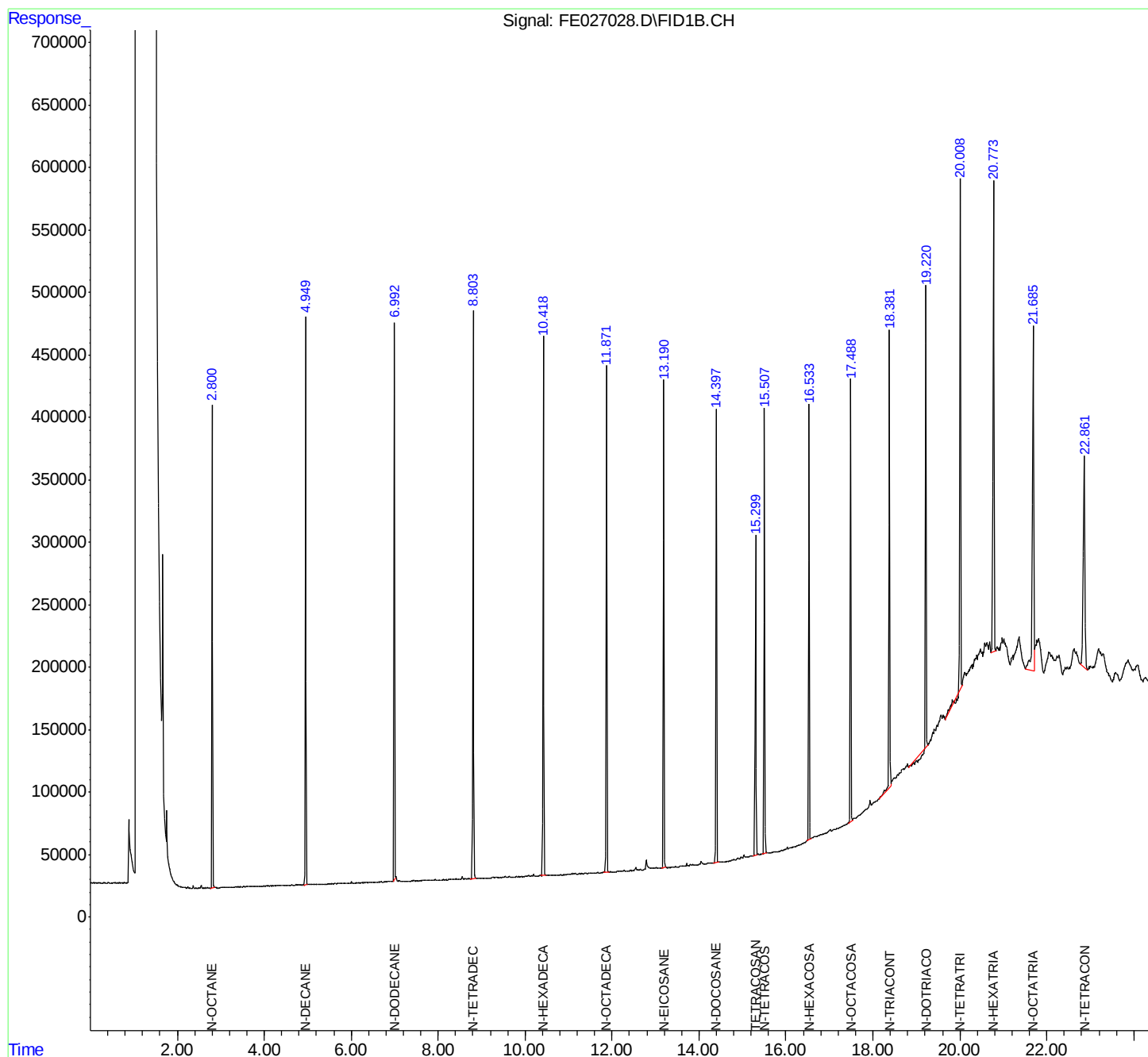
(m)=manual int.

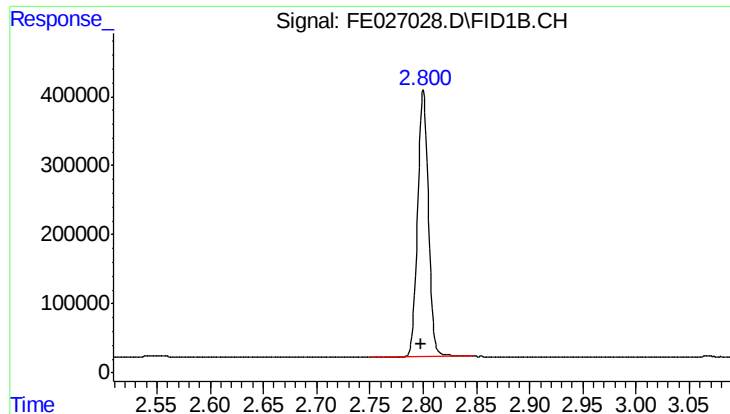
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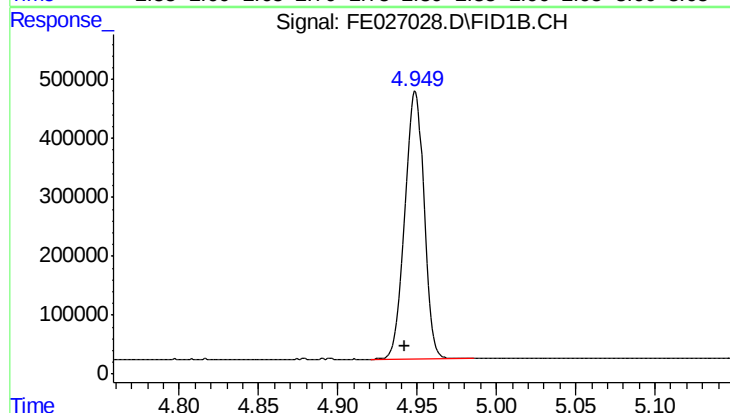




#1 N-OCTANE

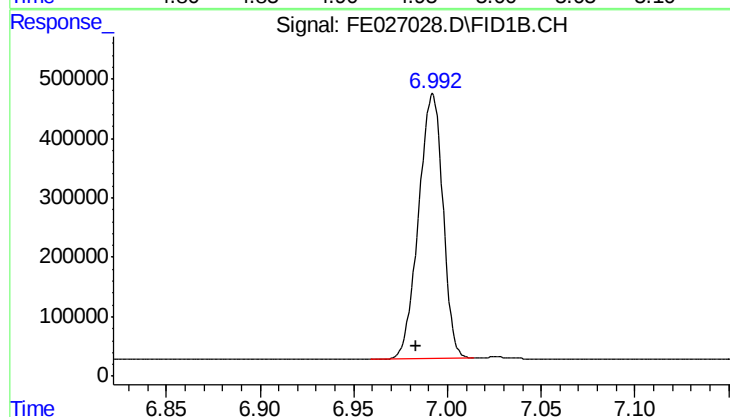
R.T.: 2.800 min  
Delta R.T.: 0.002 min  
Response: 2724967  
Conc: 18.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB109067BS



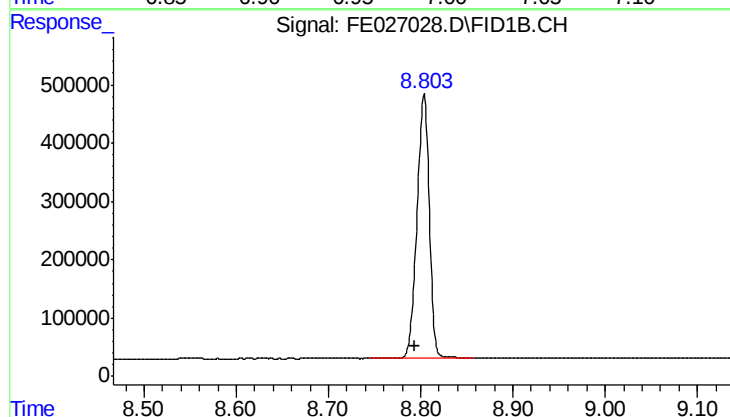
#2 N-DECANE

R.T.: 4.949 min  
Delta R.T.: 0.007 min  
Response: 3783425  
Conc: 23.23 ug/ml



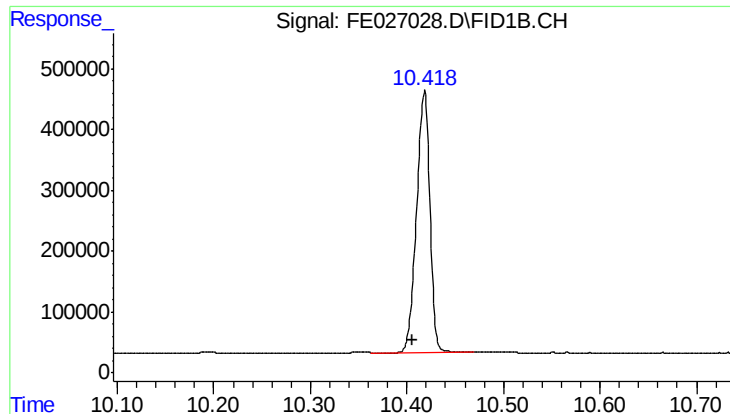
#3 N-DODECANE

R.T.: 6.992 min  
Delta R.T.: 0.008 min  
Response: 4004058  
Conc: 23.03 ug/ml



#4 N-TETRADECANE

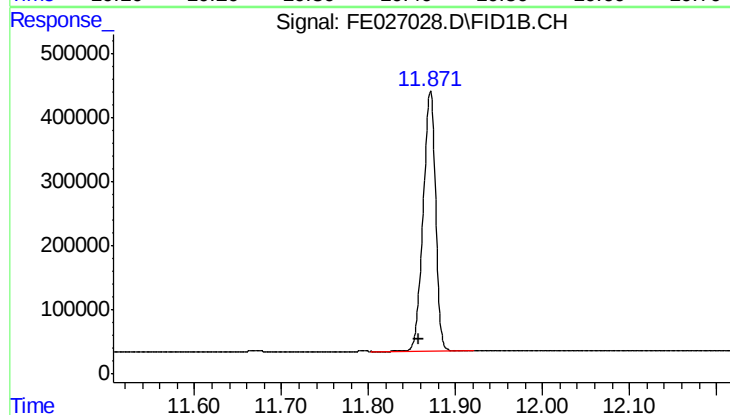
R.T.: 8.804 min  
Delta R.T.: 0.011 min  
Response: 4221552  
Conc: 22.34 ug/ml



#5 N-HEXADECANE

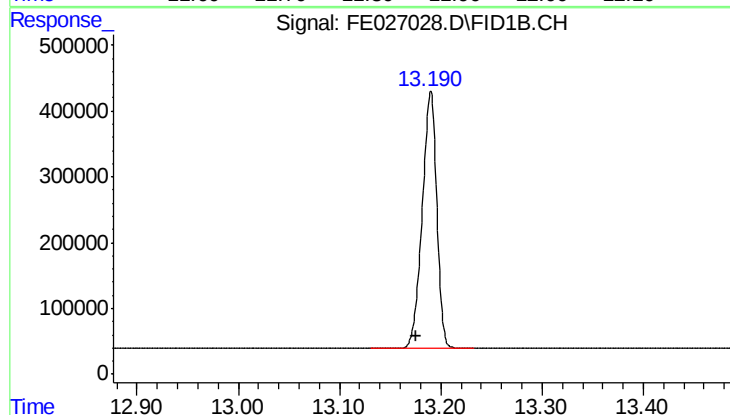
R.T.: 10.418 min  
Delta R.T.: 0.013 min  
Response: 4136682  
Conc: 21.04 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB109067BS



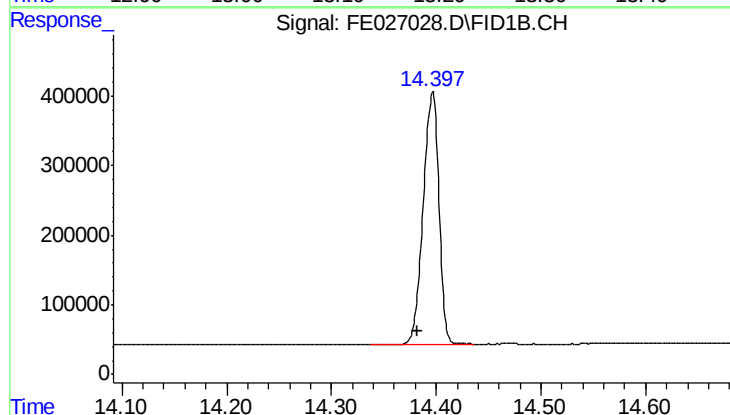
#6 N-OCTADECANE

R.T.: 11.871 min  
Delta R.T.: 0.013 min  
Response: 4015176  
Conc: 20.00 ug/ml



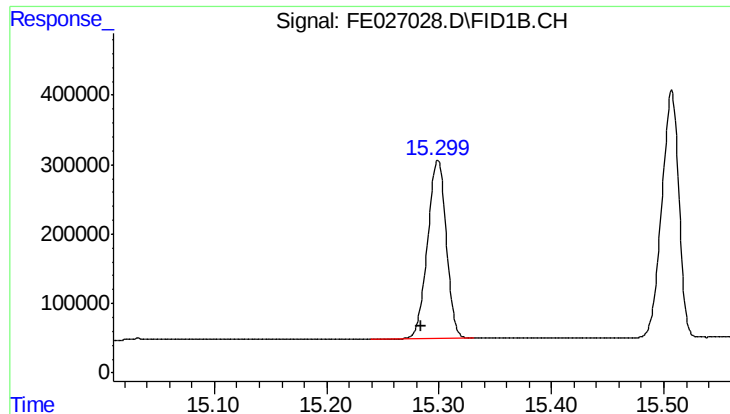
#7 N-EICOSANE

R.T.: 13.190 min  
Delta R.T.: 0.014 min  
Response: 3857605  
Conc: 20.26 ug/ml



#8 N-DOCOSANE

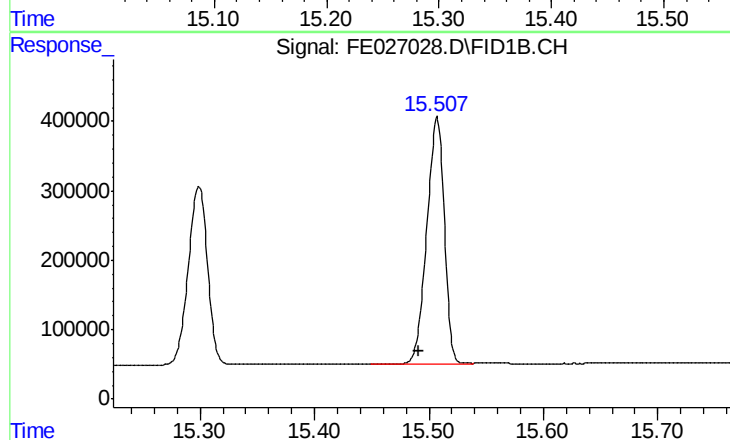
R.T.: 14.397 min  
Delta R.T.: 0.015 min  
Response: 3779199  
Conc: 21.19 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

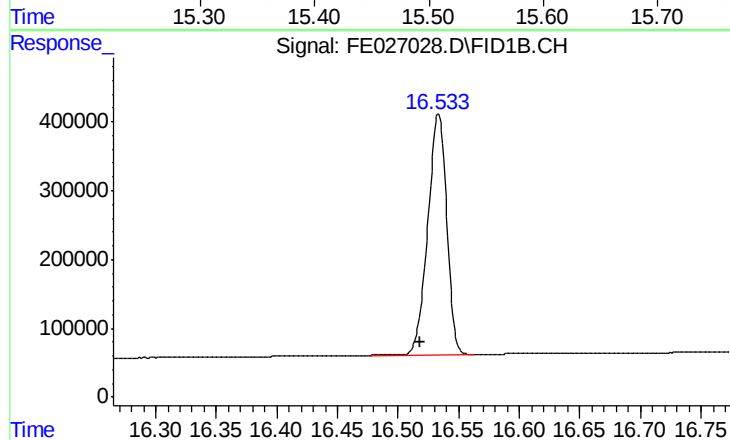
R.T.: 15.299 min  
Delta R.T.: 0.014 min  
Response: 2980903  
Conc: 20.24 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB109067BS



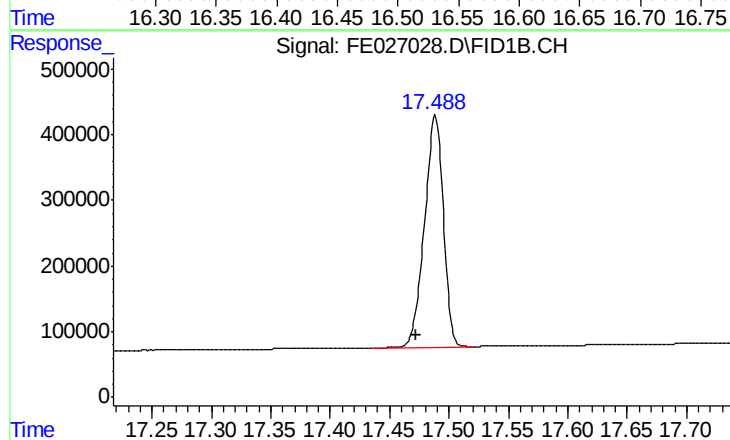
#10 N-TETRACOSANE

R.T.: 15.507 min  
Delta R.T.: 0.016 min  
Response: 3749440  
Conc: 22.26 ug/ml



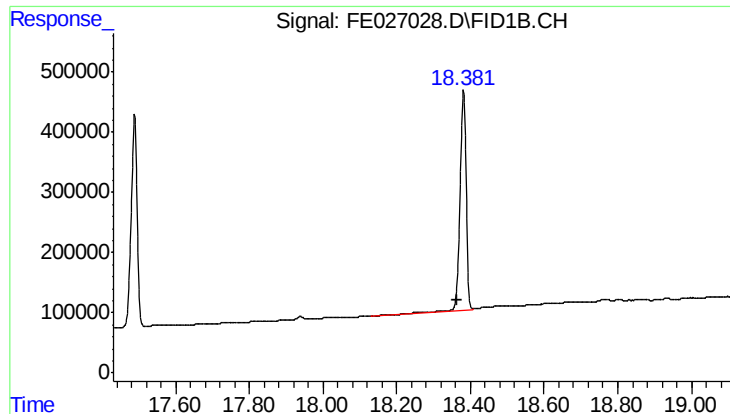
#11 N-HEXACOSANE

R.T.: 16.533 min  
Delta R.T.: 0.016 min  
Response: 3786908  
Conc: 22.93 ug/ml



#12 N-OCTACOSANE

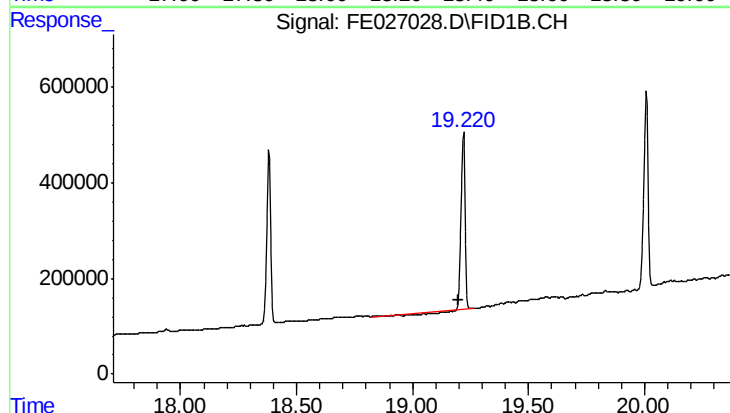
R.T.: 17.488 min  
Delta R.T.: 0.016 min  
Response: 3901017  
Conc: 23.61 ug/ml



#13 N-TRIACONTANE

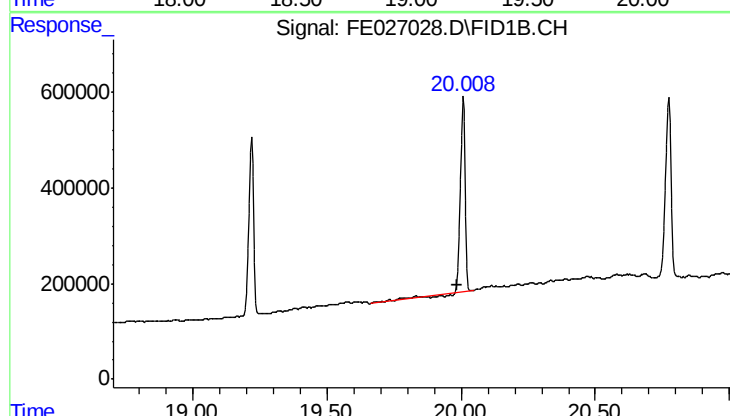
R.T.: 18.382 min  
Delta R.T.: 0.018 min  
Response: 4260216  
Conc: 25.32 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB109067BS



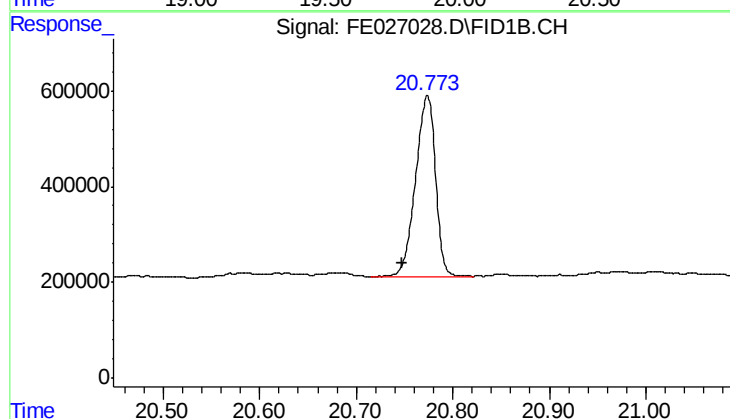
#14 N-DOTRIACONTANE

R.T.: 19.219 min  
Delta R.T.: 0.019 min  
Response: 3953586  
Conc: 23.01 ug/ml



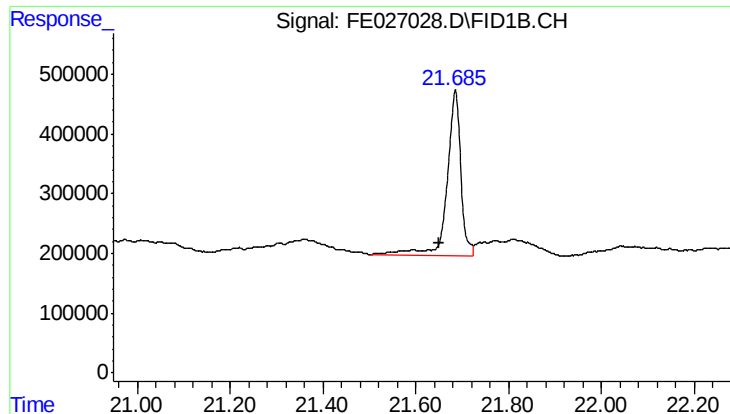
#15 N-TETRATRIACONTANE

R.T.: 20.008 min  
Delta R.T.: 0.022 min  
Response: 5062742  
Conc: 28.25 ug/ml



#16 N-HEXATRIACONTANE

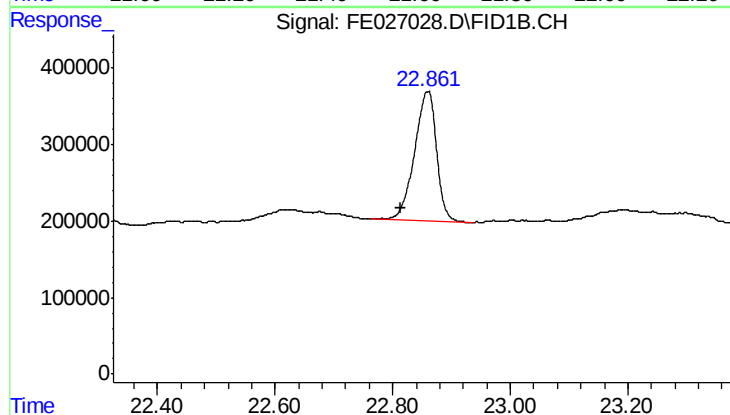
R.T.: 20.774 min  
Delta R.T.: 0.026 min  
Response: 5444983  
Conc: 30.94 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.685 min  
Delta R.T.: 0.035 min  
Response: 5661518  
Conc: 34.46 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB109067BS



#18 N-TETRACONTANE

R.T.: 22.860 min  
Delta R.T.: 0.045 min  
Response: 4404435  
Conc: 26.53 ug/ml