

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG121523\  
 Data File : FG013302.D  
 Signal(s) : FID1A.ch  
 Acq On : 15 Dec 2023 21:55  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Dec 15 22:38:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG120423.M  
 Quant Title :  
 QLast Update : Mon Dec 04 11:42:34 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... | 15.081 | 5960981  | 55.527 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.055  | 5609335  | 45.983 ug/ml |
| 2) N-DECANE                   | 4.587  | 6588784  | 52.125 ug/ml |
| 3) N-DODECANE                 | 6.765  | 6920571  | 55.101 ug/ml |
| 4) N-TETRADECANE              | 8.600  | 7045978  | 58.367 ug/ml |
| 5) N-HEXADECANE               | 10.214 | 7251327  | 59.659 ug/ml |
| 6) N-OCTADECANE               | 11.663 | 7176537  | 59.715 ug/ml |
| 7) N-EICOSANE                 | 12.977 | 6967291  | 58.961 ug/ml |
| 8) N-DOCOSANE                 | 14.180 | 6518691  | 57.471 ug/ml |
| 10) N-TETRACOSANE             | 15.287 | 6321896  | 54.282 ug/ml |
| 11) N-HEXACOSANE              | 16.310 | 5964537  | 53.558 ug/ml |
| 12) N-OCTACOSANE              | 17.262 | 5790152  | 52.467 ug/ml |
| 13) N-TRIACONTANE             | 18.152 | 5700067  | 51.901 ug/ml |
| 14) N-DOTRIACONTANE           | 18.985 | 5503806  | 51.453 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.769 | 4800763  | 51.104 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.509 | 3903520  | 50.336 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.266 | 3636902  | 52.627 ug/ml |
| 18) N-TETRACONTANE            | 22.217 | 3647689  | 50.333 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

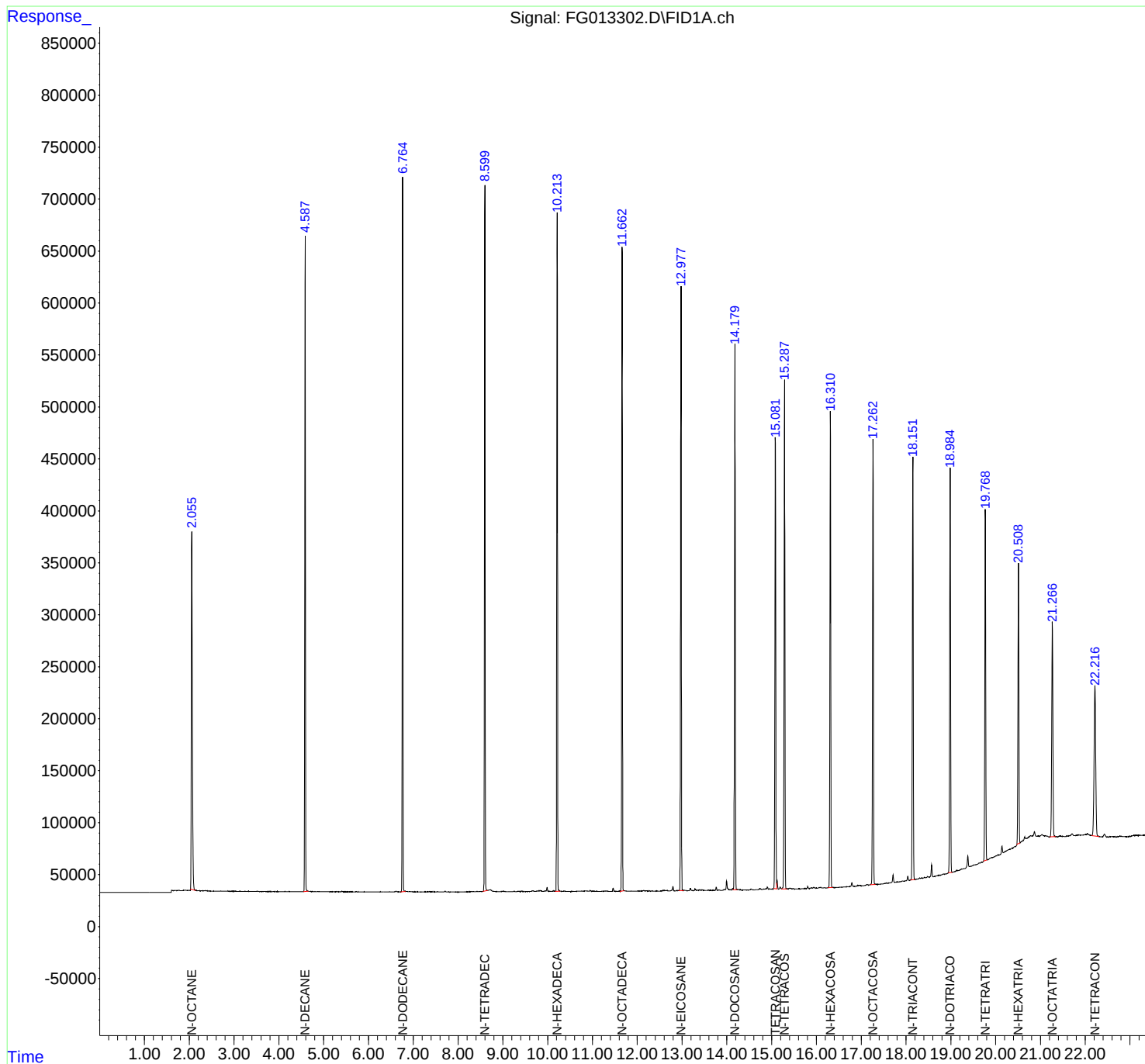
(m)=manual int.

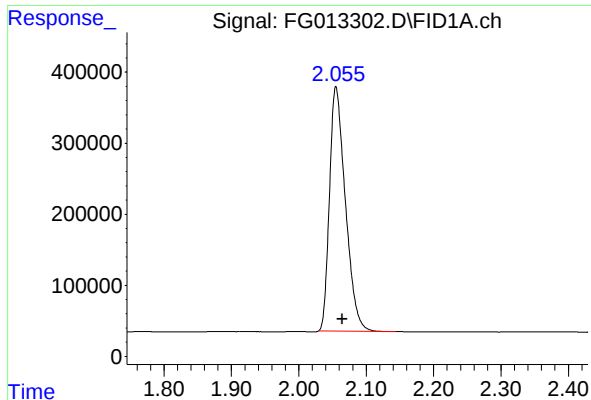
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG121523\  
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Signal Info : 20mx0.18mmx0.18um

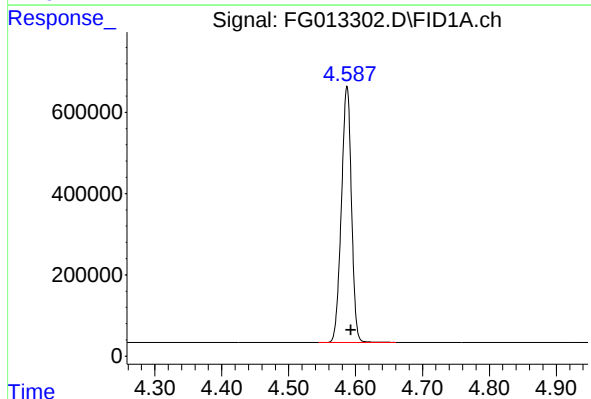




#1 N-OCTANE

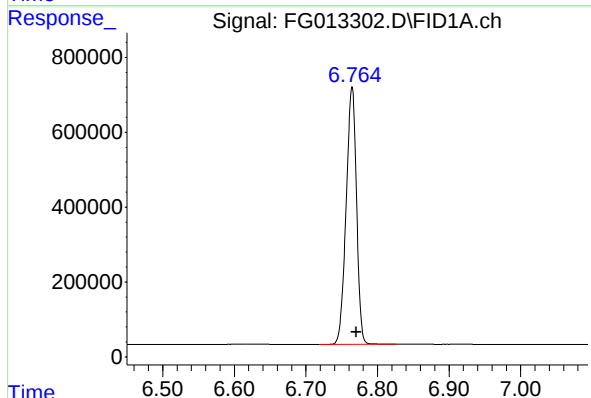
R.T.: 2.055 min  
Delta R.T.: -0.010 min  
Response: 5609335  
Conc: 45.98 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



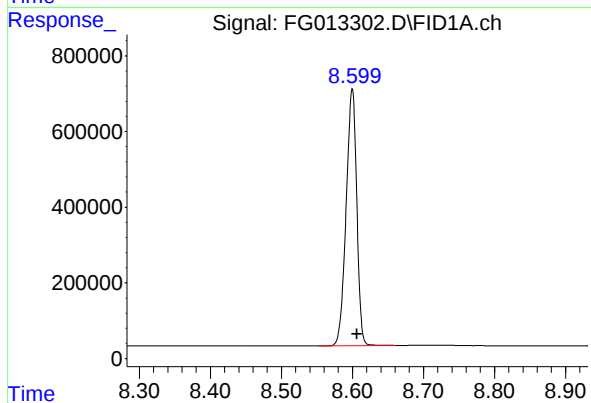
#2 N-DECANE

R.T.: 4.587 min  
Delta R.T.: -0.006 min  
Response: 6588784  
Conc: 52.12 ug/ml



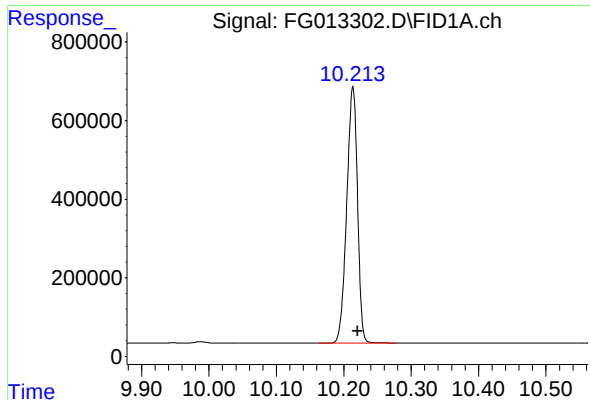
#3 N-DODECANE

R.T.: 6.765 min  
Delta R.T.: -0.006 min  
Response: 6920571  
Conc: 55.10 ug/ml



#4 N-TETRADECANE

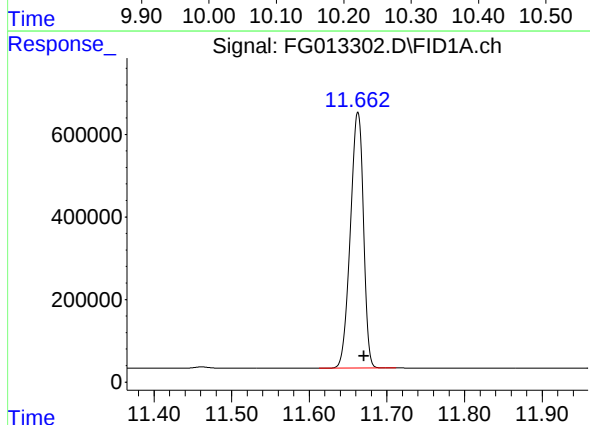
R.T.: 8.600 min  
Delta R.T.: -0.006 min  
Response: 7045978  
Conc: 58.37 ug/ml



#5 N-HEXADECANE

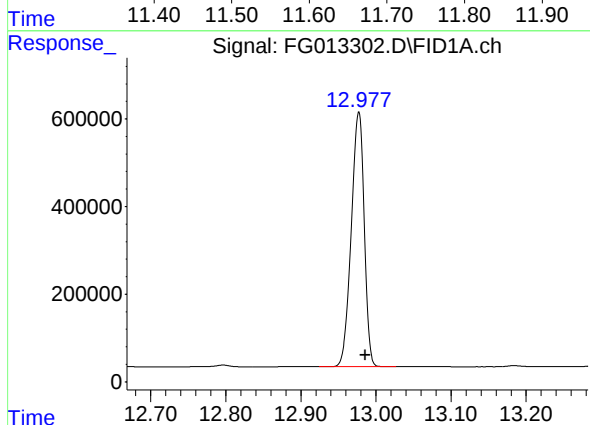
R.T.: 10.214 min  
Delta R.T.: -0.007 min  
Response: 7251327  
Conc: 59.66 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



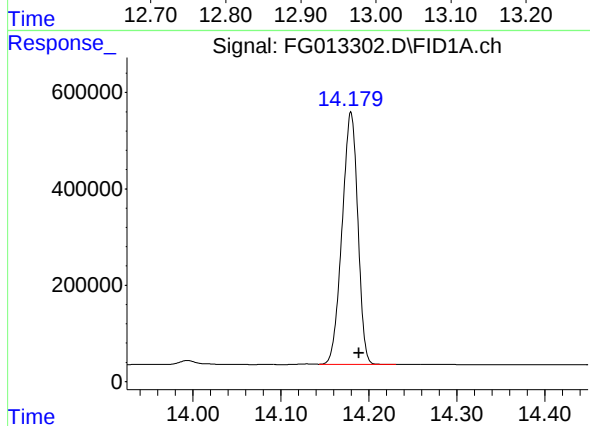
#6 N-OCTADECANE

R.T.: 11.663 min  
Delta R.T.: -0.008 min  
Response: 7176537  
Conc: 59.71 ug/ml



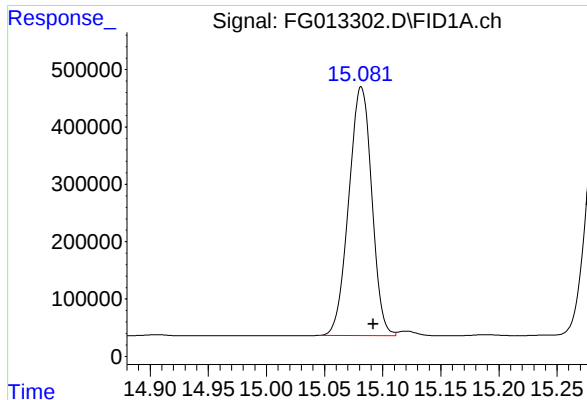
#7 N-EICOSANE

R.T.: 12.977 min  
Delta R.T.: -0.008 min  
Response: 6967291  
Conc: 58.96 ug/ml



#8 N-DOCOSANE

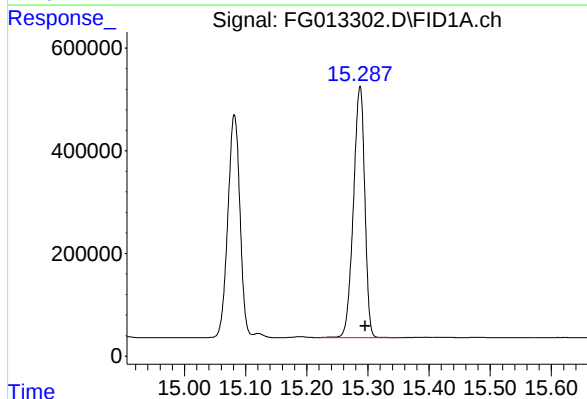
R.T.: 14.180 min  
Delta R.T.: -0.009 min  
Response: 6518691  
Conc: 57.47 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

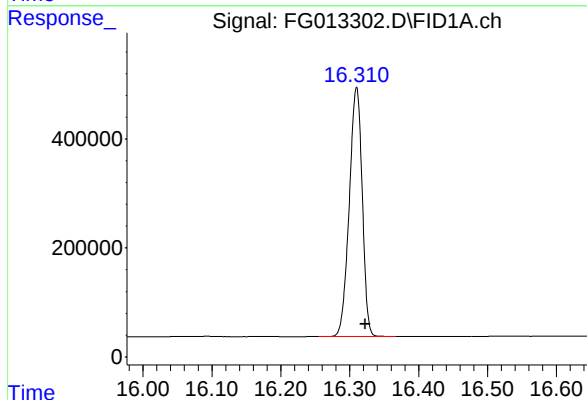
R.T.: 15.081 min  
Delta R.T.: -0.011 min  
Response: 5960981  
Conc: 55.53 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



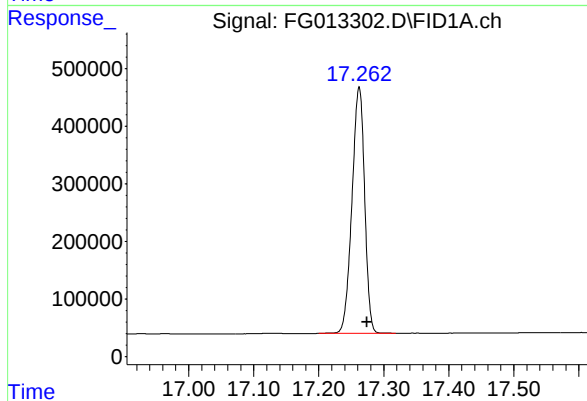
#10 N-TETRACOSANE

R.T.: 15.287 min  
Delta R.T.: -0.009 min  
Response: 6321896  
Conc: 54.28 ug/ml



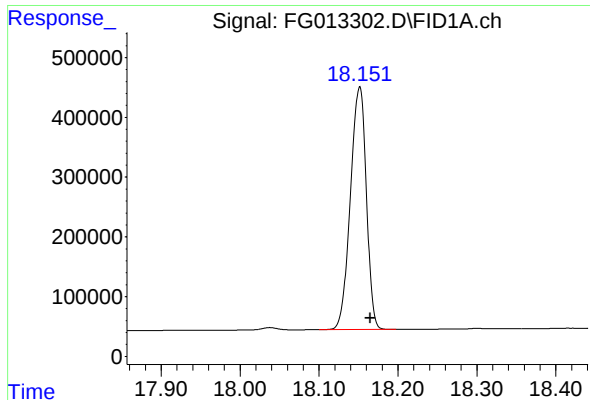
#11 N-HEXACOSANE

R.T.: 16.310 min  
Delta R.T.: -0.013 min  
Response: 5964537  
Conc: 53.56 ug/ml



#12 N-OCTACOSANE

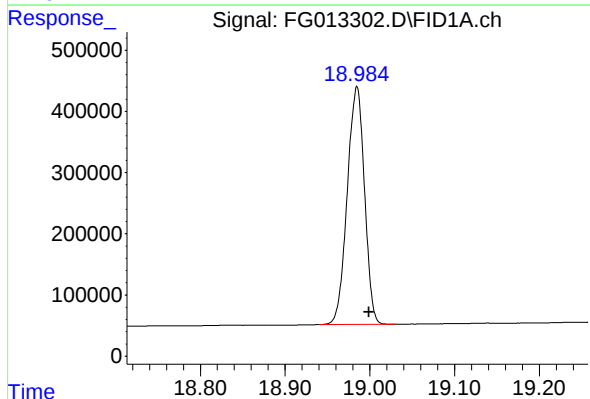
R.T.: 17.262 min  
Delta R.T.: -0.012 min  
Response: 5790152  
Conc: 52.47 ug/ml



#13 N-TRIACONTANE

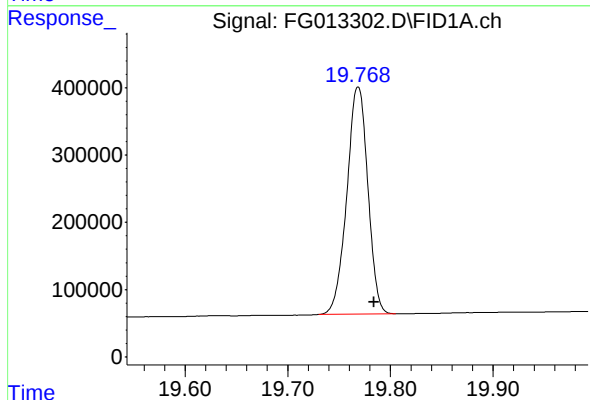
R.T.: 18.152 min  
Delta R.T.: -0.013 min  
Response: 5700067  
Conc: 51.90 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



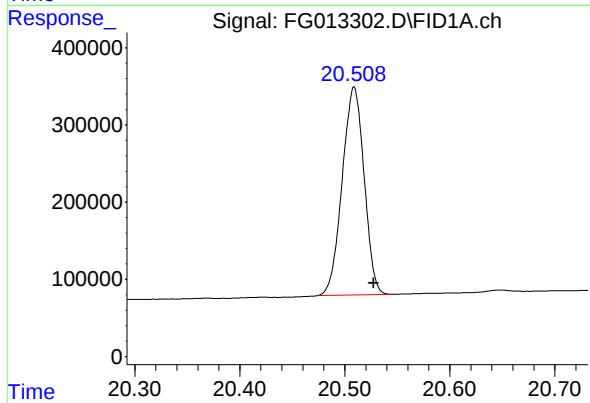
#14 N-DOTRIACONTANE

R.T.: 18.985 min  
Delta R.T.: -0.014 min  
Response: 5503806  
Conc: 51.45 ug/ml



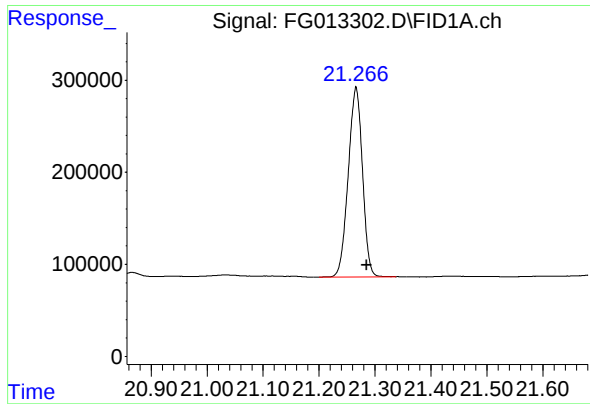
#15 N-TETRATRIACONTANE

R.T.: 19.769 min  
Delta R.T.: -0.015 min  
Response: 4800763  
Conc: 51.10 ug/ml



#16 N-HEXATRIACONTANE

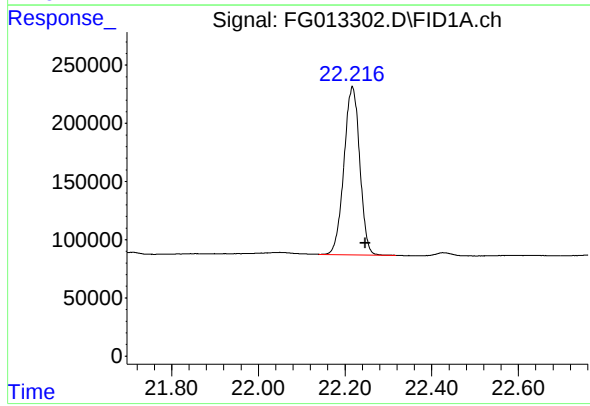
R.T.: 20.509 min  
Delta R.T.: -0.019 min  
Response: 3903520  
Conc: 50.34 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.266 min  
Delta R.T.: -0.019 min  
Response: 3636902  
Conc: 52.63 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.217 min  
Delta R.T.: -0.031 min  
Response: 3647689  
Conc: 50.33 ug/ml