

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG032924\  
 Data File : FG013669.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Mar 2024 14:44  
 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: Mar 30 01:00:38 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG031524.M  
 Quant Title :  
 QLast Update : Fri Mar 15 13:14:30 2024  
 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... | 15.075 | 5404528  | 46.461 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.056  | 5298011  | 42.687 ug/ml |
| 2) N-DECANE                   | 4.584  | 5763372  | 44.762 ug/ml |
| 3) N-DODECANE                 | 6.756  | 5980294  | 44.759 ug/ml |
| 4) N-TETRADECANE              | 8.590  | 5880800  | 45.226 ug/ml |
| 5) N-HEXADECANE               | 10.204 | 6027052  | 45.768 ug/ml |
| 6) N-OCTADECANE               | 11.653 | 6234731  | 46.120 ug/ml |
| 7) N-EICOSANE                 | 12.968 | 6102641  | 46.496 ug/ml |
| 8) N-DOCOSANE                 | 14.172 | 5994297  | 46.586 ug/ml |
| 10) N-TETRACOSANE             | 15.280 | 5926351  | 46.581 ug/ml |
| 11) N-HEXACOSANE              | 16.306 | 5752871  | 46.415 ug/ml |
| 12) N-OCTACOSANE              | 17.260 | 5665757  | 46.415 ug/ml |
| 13) N-TRIACONTANE             | 18.152 | 5650284  | 46.596 ug/ml |
| 14) N-DOTRIACONTANE           | 18.988 | 5366363  | 46.225 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.773 | 4244824  | 45.066 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.516 | 3184782  | 43.884 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.271 | 2682787  | 41.230 ug/ml |
| 18) N-TETRACONTANE            | 22.220 | 2663665  | 42.043 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

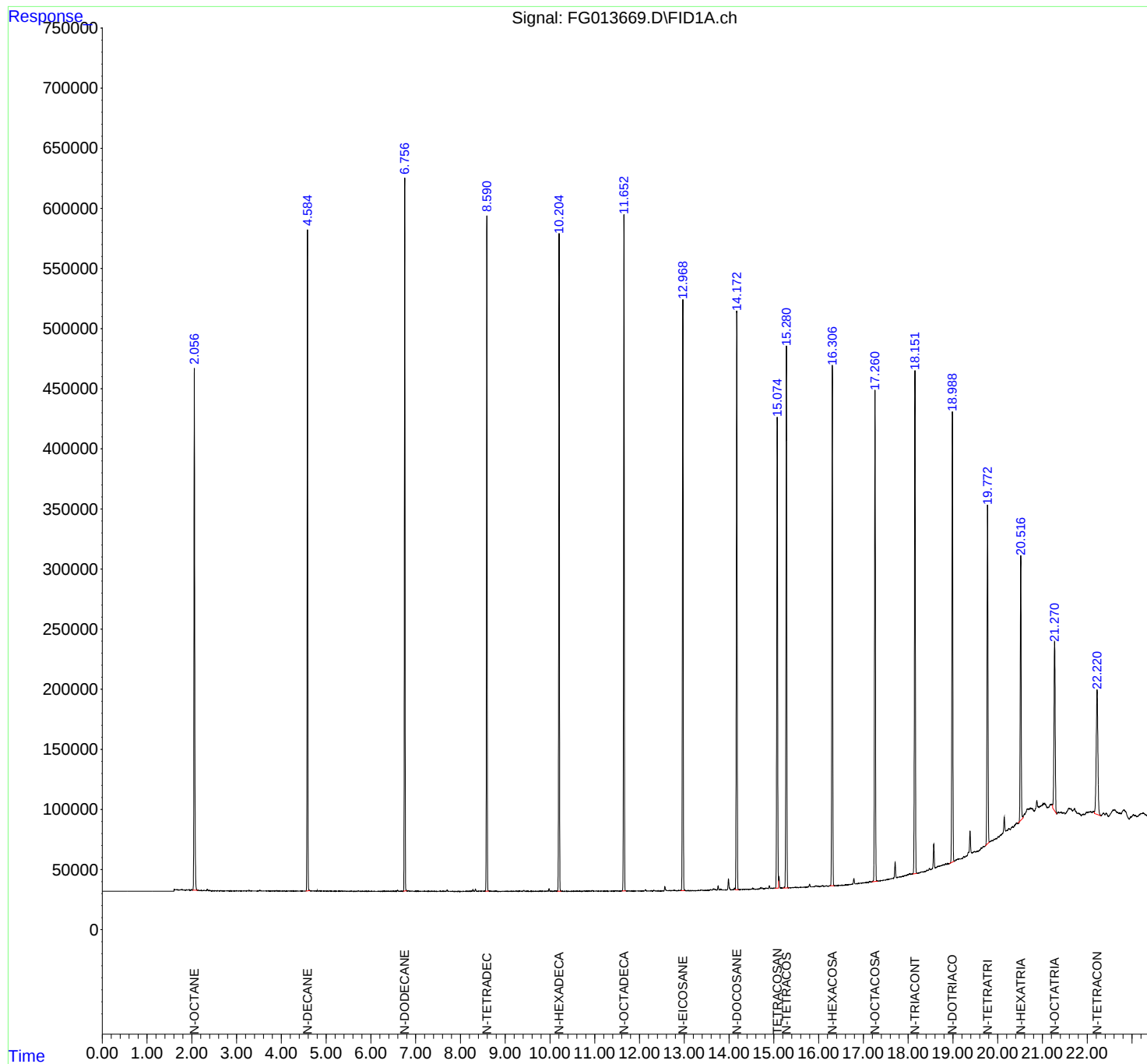
(m)=manual int.

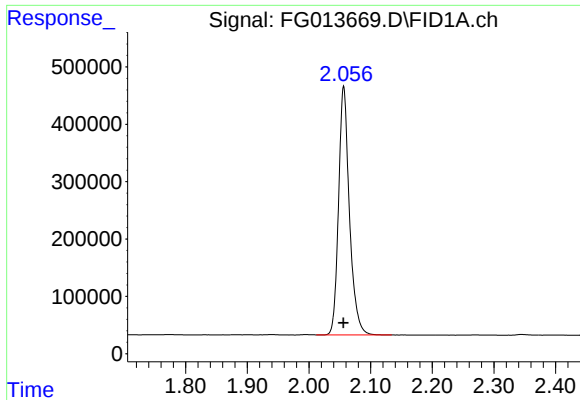
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

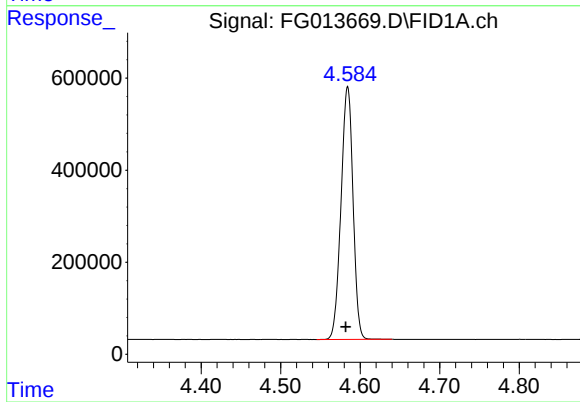




#1 N-OCTANE

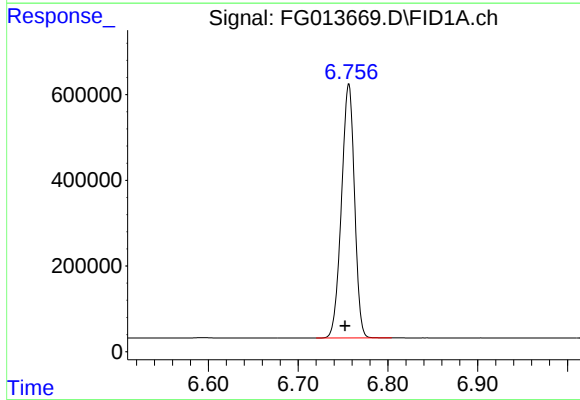
R.T.: 2.056 min  
Delta R.T.: 0.000 min  
Response: 5298011  
Conc: 42.69 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



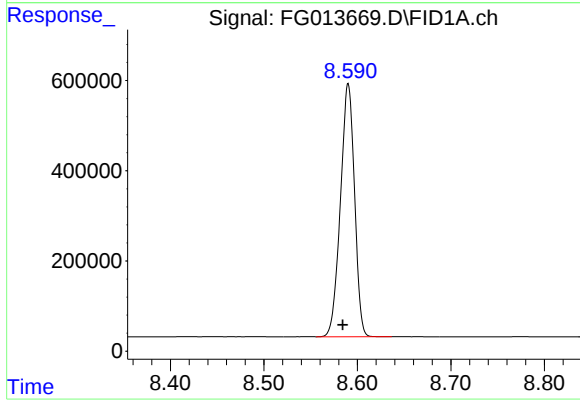
#2 N-DECANE

R.T.: 4.584 min  
Delta R.T.: 0.003 min  
Response: 5763372  
Conc: 44.76 ug/ml



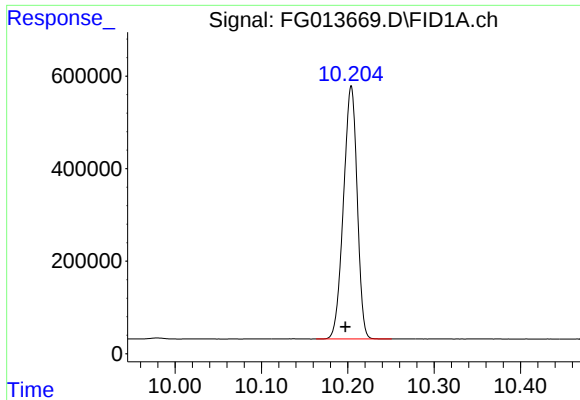
#3 N-DODECANE

R.T.: 6.756 min  
Delta R.T.: 0.004 min  
Response: 5980294  
Conc: 44.76 ug/ml



#4 N-TETRADECANE

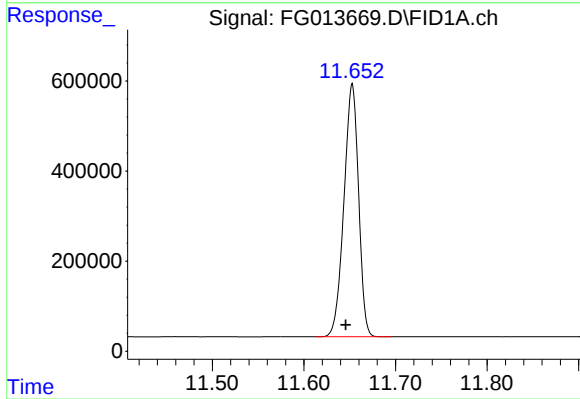
R.T.: 8.590 min  
Delta R.T.: 0.006 min  
Response: 5880800  
Conc: 45.23 ug/ml



#5 N-HEXADECANE

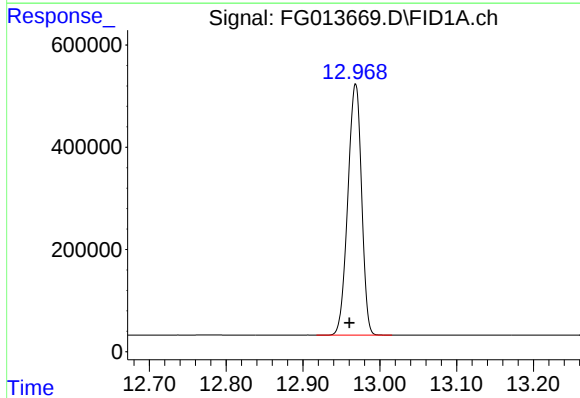
R.T.: 10.204 min  
Delta R.T.: 0.007 min  
Response: 6027052  
Conc: 45.77 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



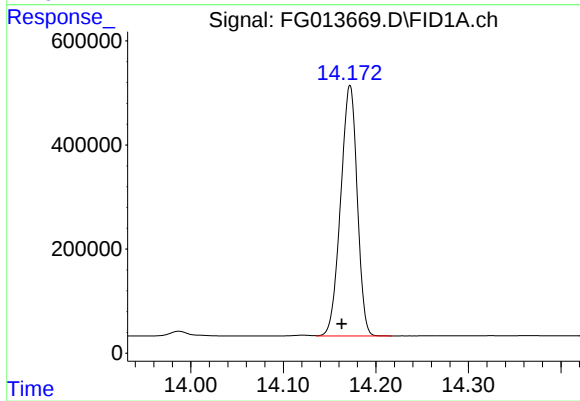
#6 N-OCTADECANE

R.T.: 11.653 min  
Delta R.T.: 0.007 min  
Response: 6234731  
Conc: 46.12 ug/ml



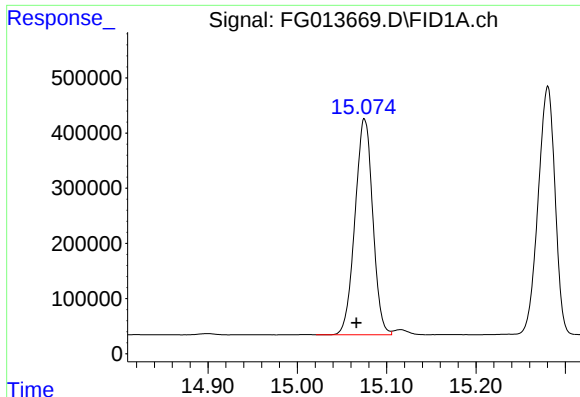
#7 N-EICOSANE

R.T.: 12.968 min  
Delta R.T.: 0.008 min  
Response: 6102641  
Conc: 46.50 ug/ml



#8 N-DOCOSANE

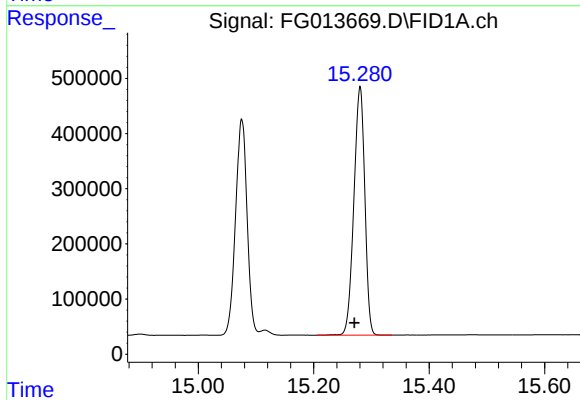
R.T.: 14.172 min  
Delta R.T.: 0.009 min  
Response: 5994297  
Conc: 46.59 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

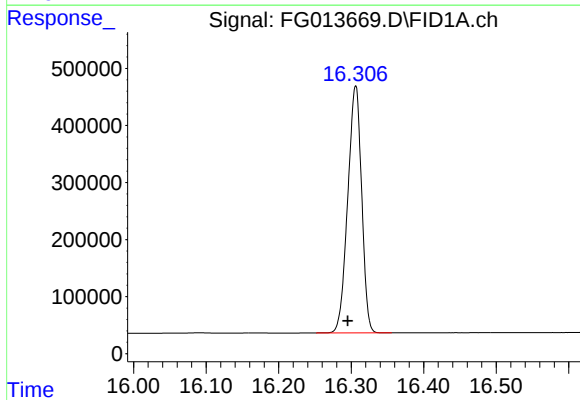
R.T.: 15.075 min  
Delta R.T.: 0.009 min  
Response: 5404528  
Conc: 46.46 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



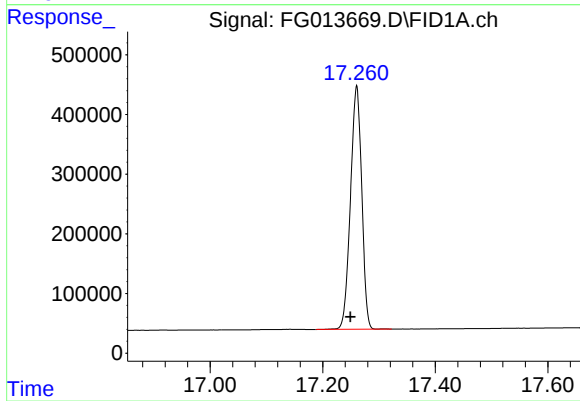
#10 N-TETRACOSANE

R.T.: 15.280 min  
Delta R.T.: 0.010 min  
Response: 5926351  
Conc: 46.58 ug/ml



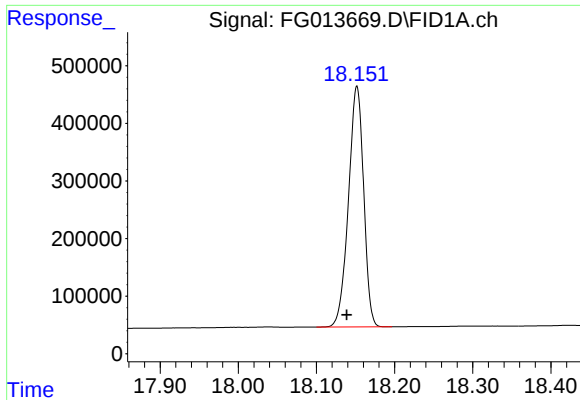
#11 N-HEXACOSANE

R.T.: 16.306 min  
Delta R.T.: 0.011 min  
Response: 5752871  
Conc: 46.42 ug/ml



#12 N-OCTACOSANE

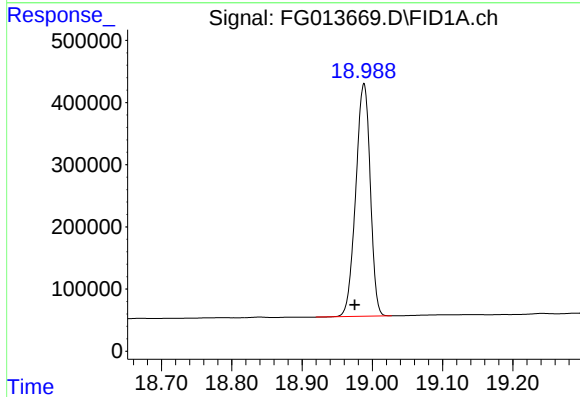
R.T.: 17.260 min  
Delta R.T.: 0.011 min  
Response: 5665757  
Conc: 46.41 ug/ml



#13 N-TRIACONTANE

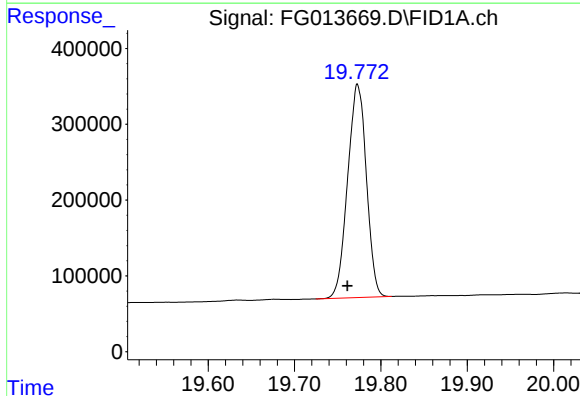
R.T.: 18.152 min  
Delta R.T.: 0.013 min  
Response: 5650284  
Conc: 46.60 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



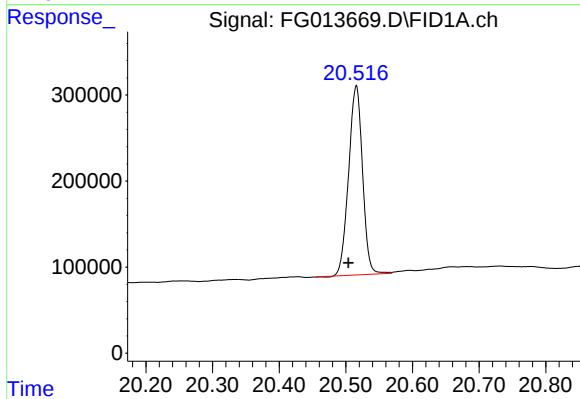
#14 N-DOTRIACONTANE

R.T.: 18.988 min  
Delta R.T.: 0.013 min  
Response: 5366363  
Conc: 46.22 ug/ml



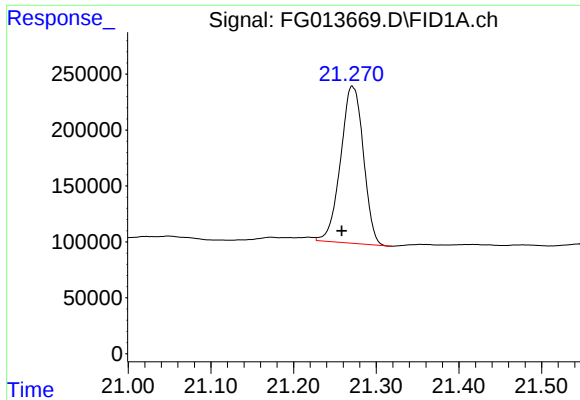
#15 N-TETRATRIACONTANE

R.T.: 19.773 min  
Delta R.T.: 0.012 min  
Response: 4244824  
Conc: 45.07 ug/ml



#16 N-HEXATRIACONTANE

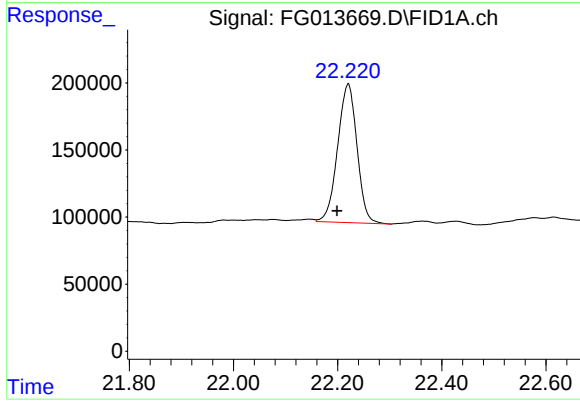
R.T.: 20.516 min  
Delta R.T.: 0.012 min  
Response: 3184782  
Conc: 43.88 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.271 min  
Delta R.T.: 0.012 min  
Response: 2682787  
Conc: 41.23 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.220 min  
Delta R.T.: 0.021 min  
Response: 2663665  
Conc: 42.04 ug/ml