

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF091024\  
 Data File : FF014470.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Sep 2024 07:39  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 11 01:30:38 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF081624.M  
 Quant Title :  
 QLast Update : Fri Aug 16 11:11:51 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... | 14.899 | 5505457  | 46.644 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.945  | 5935012  | 48.096 ug/ml |
| 2) N-DECANE                   | 4.452  | 6018972  | 48.772 ug/ml |
| 3) N-DODECANE                 | 6.619  | 6086428  | 49.095 ug/ml |
| 4) N-TETRADECANE              | 8.445  | 6145787  | 48.954 ug/ml |
| 5) N-HEXADECANE               | 10.051 | 6194735  | 50.126 ug/ml |
| 6) N-OCTADECANE               | 11.493 | 6348886  | 48.857 ug/ml |
| 7) N-EICOSANE                 | 12.803 | 6423182  | 47.581 ug/ml |
| 8) N-DOCOSANE                 | 14.000 | 6216614  | 47.251 ug/ml |
| 10) N-TETRACOSANE             | 15.103 | 6158316  | 46.535 ug/ml |
| 11) N-HEXACOSANE              | 16.122 | 6048634  | 46.106 ug/ml |
| 12) N-OCTACOSANE              | 17.072 | 5898170  | 45.675 ug/ml |
| 13) N-TRIACONTANE             | 17.958 | 5856171  | 44.864 ug/ml |
| 14) N-DOTRIACONTANE           | 18.787 | 5692815  | 43.352 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.569 | 5515672  | 44.867 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.308 | 4781190  | 43.131 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.025 | 4812536  | 47.457 ug/ml |
| 18) N-TETRACONTANE            | 21.891 | 4208515  | 48.454 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

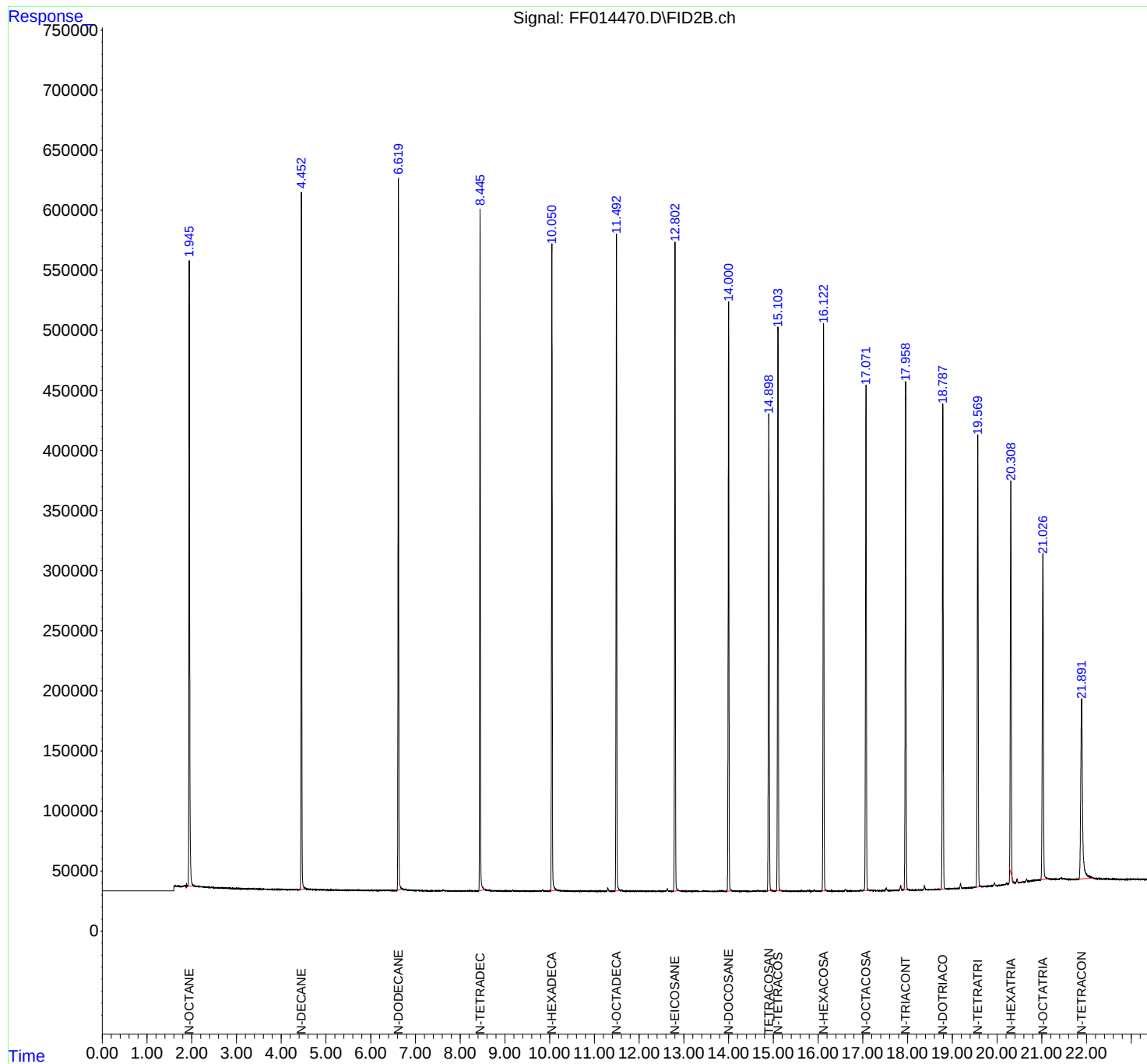
(m)=manual int.

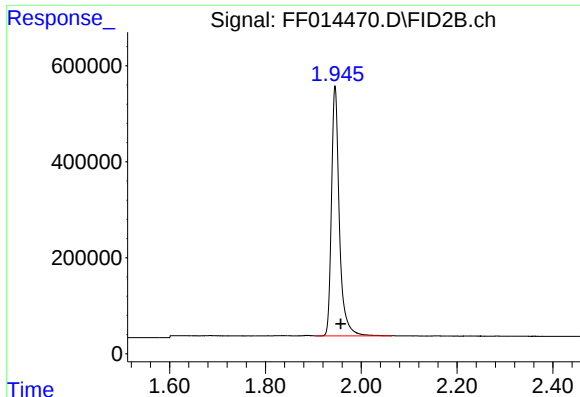
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Quant Title :  
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Integrator: ChemStation

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

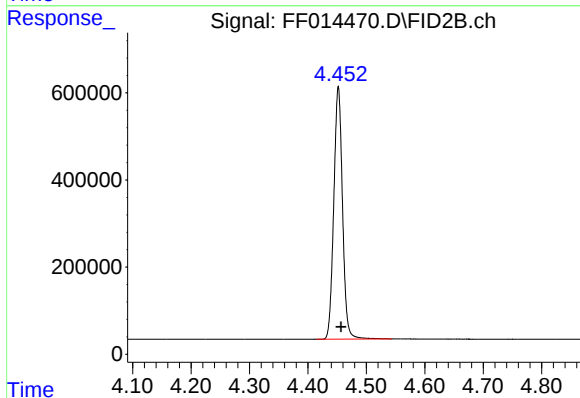




#1 N-OCTANE

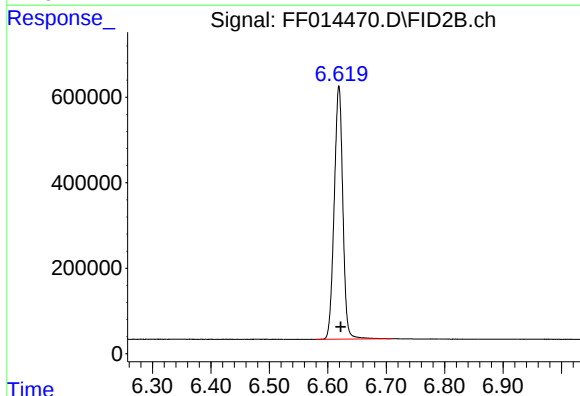
R.T.: 1.945 min  
Delta R.T.: -0.012 min  
Response: 5935012  
Conc: 48.10 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



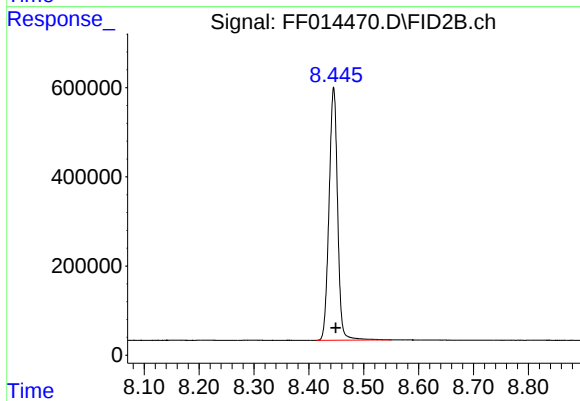
#2 N-DECANE

R.T.: 4.452 min  
Delta R.T.: -0.004 min  
Response: 6018972  
Conc: 48.77 ug/ml



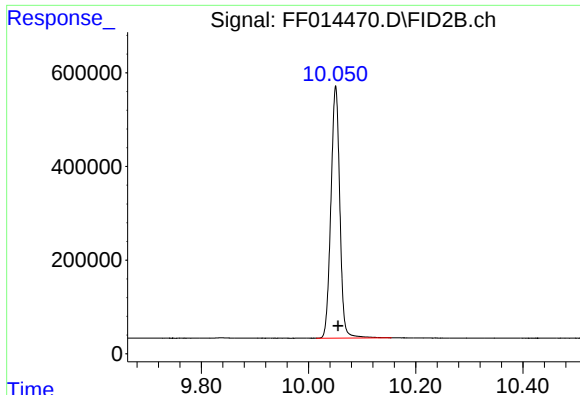
#3 N-DODECANE

R.T.: 6.619 min  
Delta R.T.: -0.003 min  
Response: 6086428  
Conc: 49.09 ug/ml



#4 N-TETRADECANE

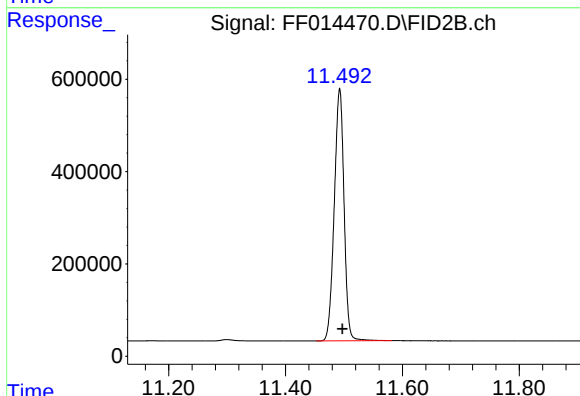
R.T.: 8.445 min  
Delta R.T.: -0.004 min  
Response: 6145787  
Conc: 48.95 ug/ml



#5 N-HEXADECANE

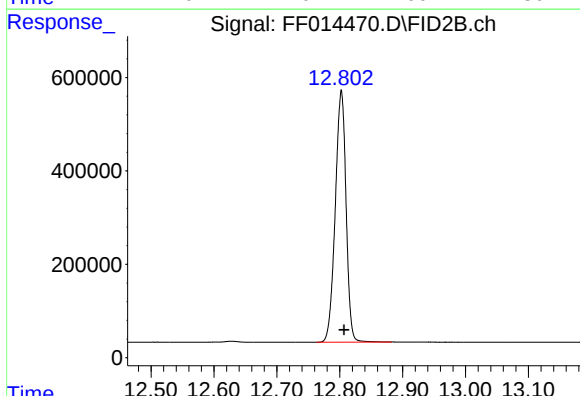
R.T.: 10.051 min  
Delta R.T.: -0.005 min  
Response: 6194735  
Conc: 50.13 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



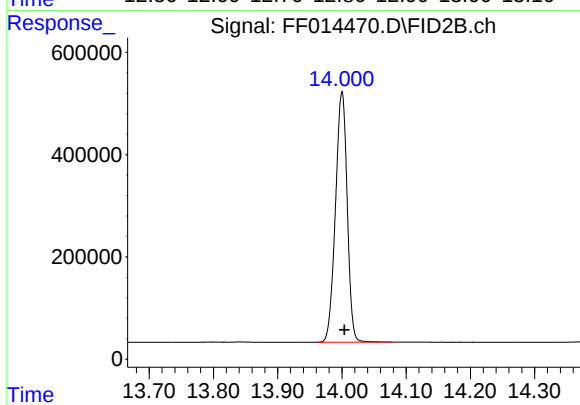
#6 N-OCTADECANE

R.T.: 11.493 min  
Delta R.T.: -0.004 min  
Response: 6348886  
Conc: 48.86 ug/ml



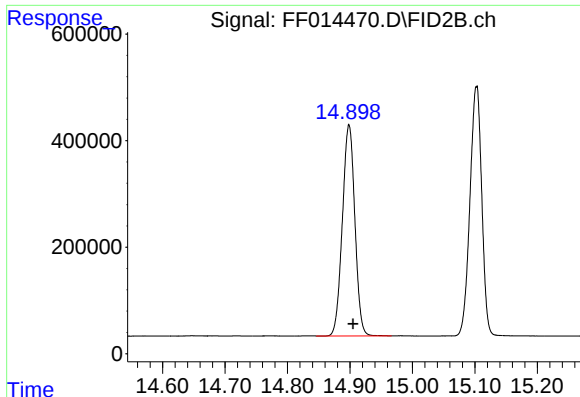
#7 N-EICOSANE

R.T.: 12.803 min  
Delta R.T.: -0.004 min  
Response: 6423182  
Conc: 47.58 ug/ml



#8 N-DOCOSANE

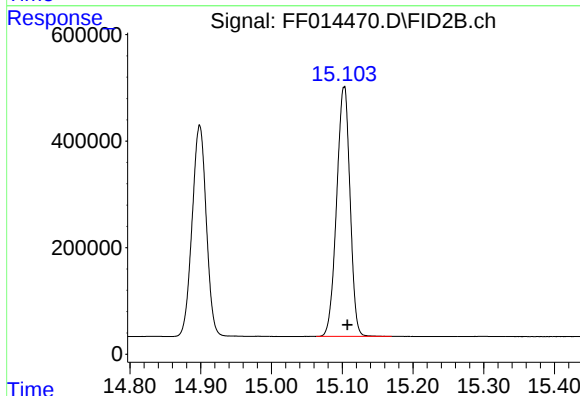
R.T.: 14.000 min  
Delta R.T.: -0.004 min  
Response: 6216614  
Conc: 47.25 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

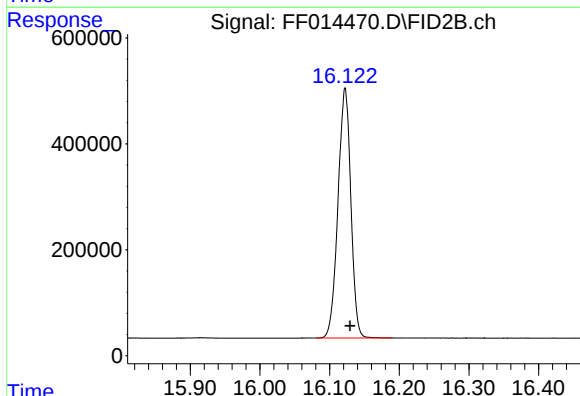
R.T.: 14.899 min  
Delta R.T.: -0.006 min  
Response: 5505457  
Conc: 46.64 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



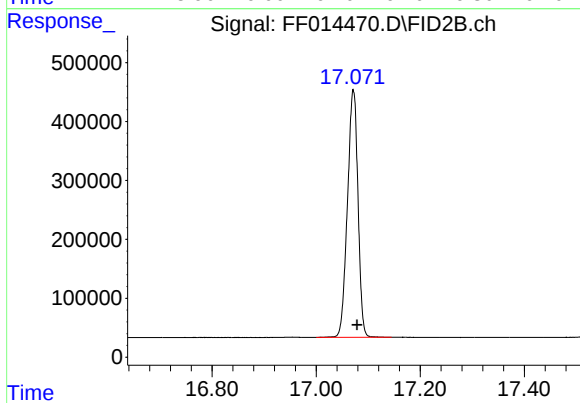
#10 N-TETRACOSANE

R.T.: 15.103 min  
Delta R.T.: -0.005 min  
Response: 6158316  
Conc: 46.53 ug/ml



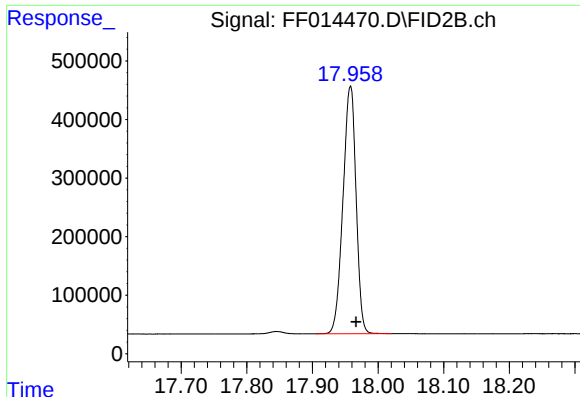
#11 N-HEXACOSANE

R.T.: 16.122 min  
Delta R.T.: -0.007 min  
Response: 6048634  
Conc: 46.11 ug/ml



#12 N-OCTACOSANE

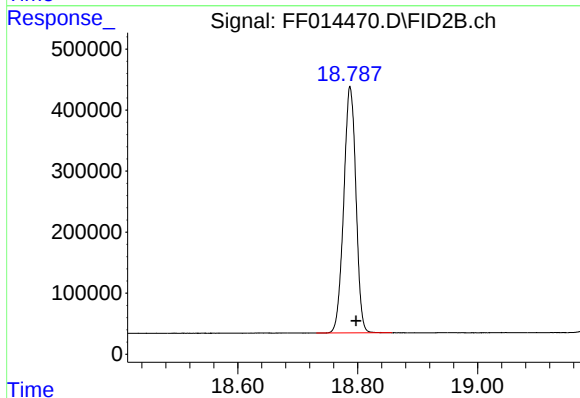
R.T.: 17.072 min  
Delta R.T.: -0.007 min  
Response: 5898170  
Conc: 45.67 ug/ml



#13 N-TRIACONTANE

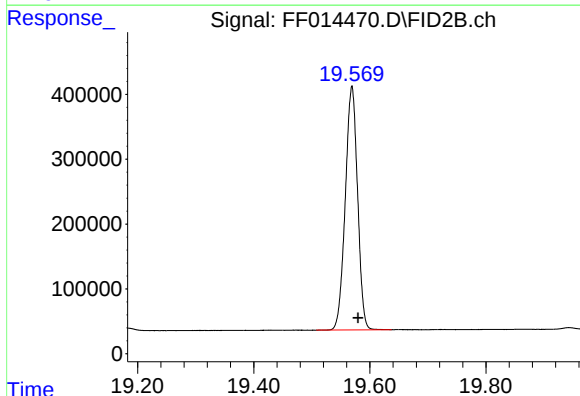
R.T.: 17.958 min  
Delta R.T.: -0.008 min  
Response: 5856171  
Conc: 44.86 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



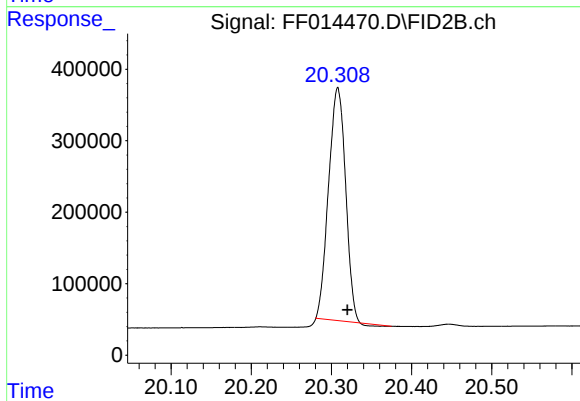
#14 N-DOTRIACONTANE

R.T.: 18.787 min  
Delta R.T.: -0.010 min  
Response: 5692815  
Conc: 43.35 ug/ml



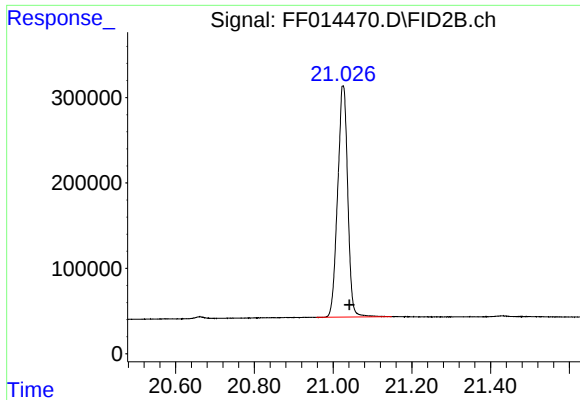
#15 N-TETRATRIACONTANE

R.T.: 19.569 min  
Delta R.T.: -0.010 min  
Response: 5515672  
Conc: 44.87 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.308 min  
Delta R.T.: -0.012 min  
Response: 4781190  
Conc: 43.13 ug/ml



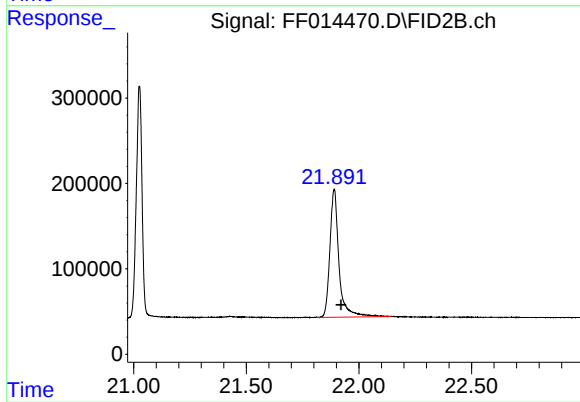
#17 N-OCTATRIACONTANE

R.T.: 21.025 min  
Delta R.T.: -0.017 min  
Response: 4812536  
Conc: 47.46 ug/ml

Instrument :

FID\_F

ClientSampleId :



#18 N-TETRACONTANE

R.T.: 21.891 min  
Delta R.T.: -0.030 min  
Response: 4208515  
Conc: 48.45 ug/ml