

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF110421\  
 Data File : FF009281.D  
 Signal(s) : FID2B.ch  
 Acq On : 04 Nov 2021 10:59  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 08 02:10:30 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF100721.M  
 Quant Title :  
 QLast Update : Fri Oct 08 02:25:33 2021  
 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... | 14.710 | 5321791  | 48.531 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.361  | 6915018  | 55.313 ug/ml |
| 2) N-DECANE                   | 4.464  | 7032756  | 55.488 ug/ml |
| 3) N-DODECANE                 | 6.481  | 6912791  | 54.414 ug/ml |
| 4) N-TETRADECANE              | 8.273  | 6774479  | 54.030 ug/ml |
| 5) N-HEXADECANE               | 9.871  | 6680315  | 52.618 ug/ml |
| 6) N-OCTADECANE               | 11.310 | 6647828  | 51.568 ug/ml |
| 7) N-EICOSANE                 | 12.617 | 6496237  | 50.461 ug/ml |
| 8) N-DOCOSANE                 | 13.812 | 6251845  | 49.451 ug/ml |
| 10) N-TETRACOSANE             | 14.914 | 6141109  | 49.059 ug/ml |
| 11) N-HEXACOSANE              | 15.932 | 5963161  | 49.259 ug/ml |
| 12) N-OCTACOSANE              | 16.879 | 5835617  | 49.850 ug/ml |
| 13) N-TRIACONTANE             | 17.764 | 5765671  | 51.105 ug/ml |
| 14) N-DOTRIACONTANE           | 18.593 | 5670503  | 53.697 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.374 | 5623742  | 57.544 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.111 | 5402948  | 60.771 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.850 | 5023717  | 61.533 ug/ml |
| 18) N-TETRACONTANE            | 21.767 | 4795996  | 59.034 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

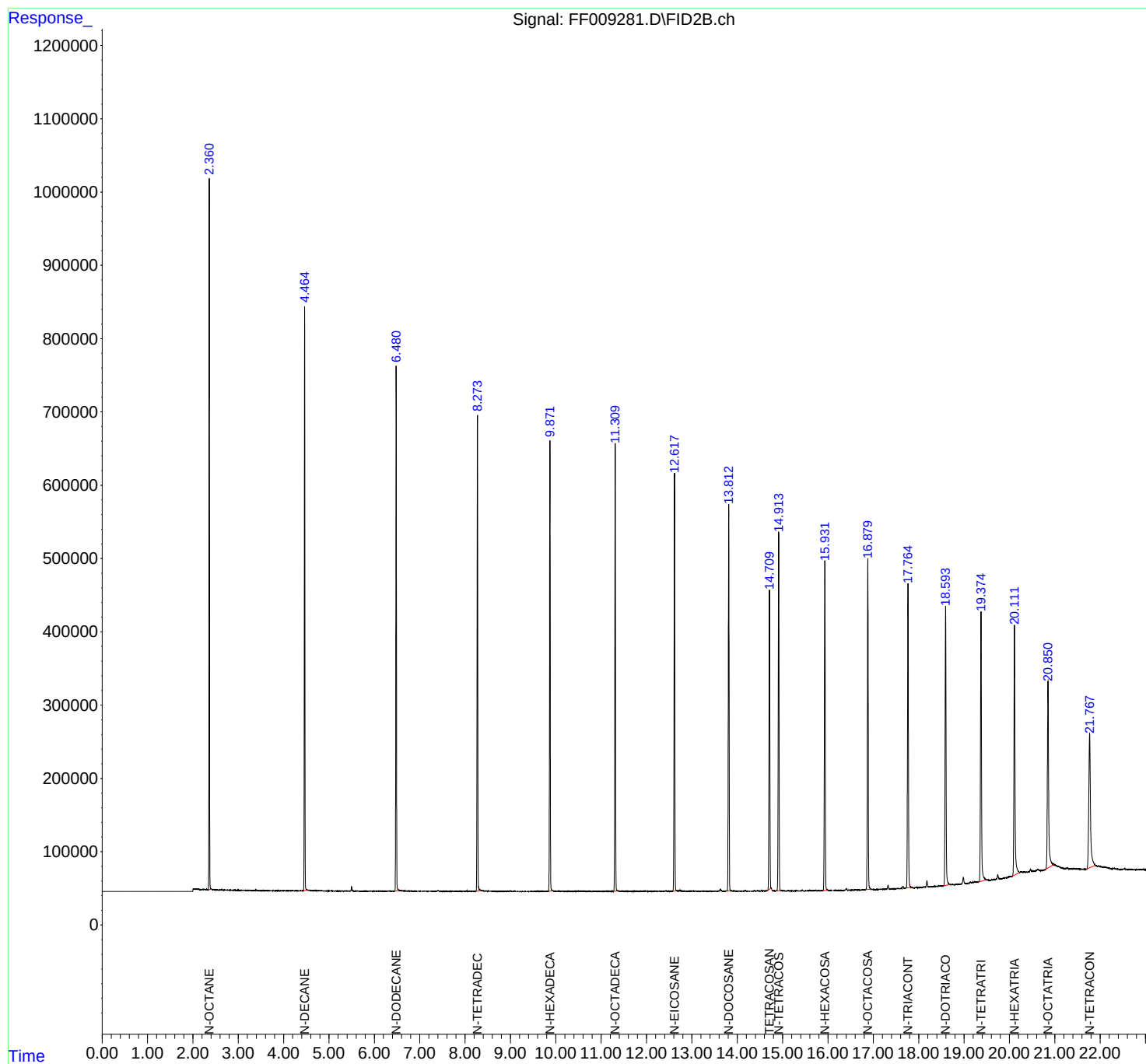
(m)=manual int.

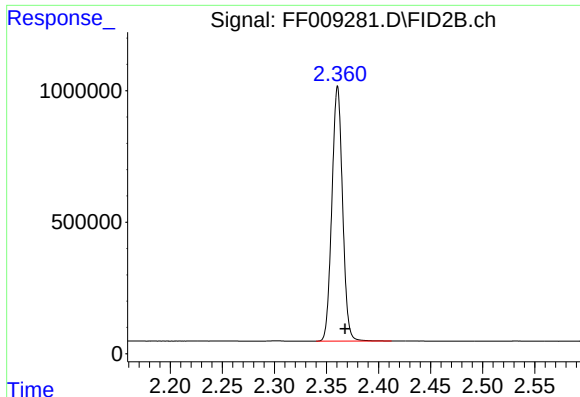
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

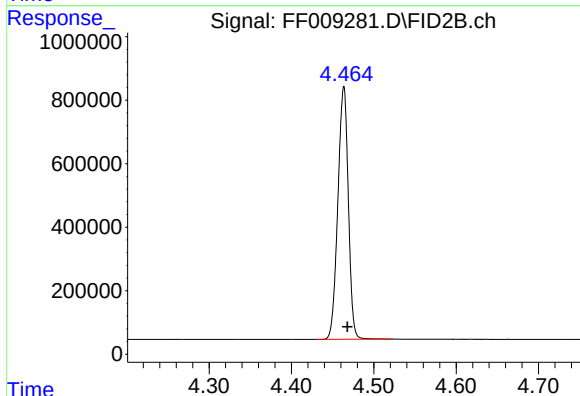




#1 N-OCTANE

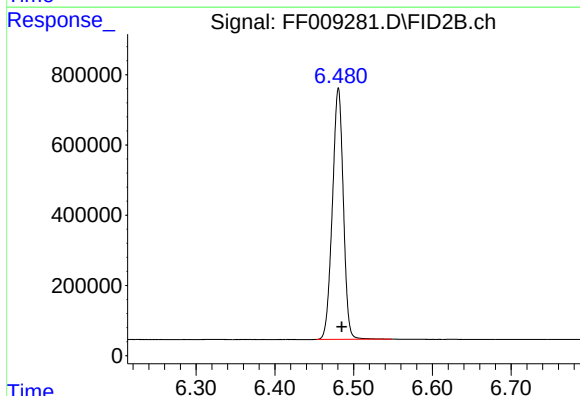
R.T.: 2.361 min  
Delta R.T.: -0.007 min  
Response: 6915018  
Conc: 55.31 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



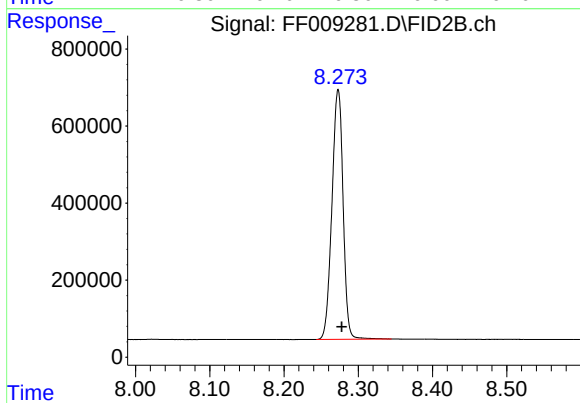
#2 N-DECANE

R.T.: 4.464 min  
Delta R.T.: -0.004 min  
Response: 7032756  
Conc: 55.49 ug/ml



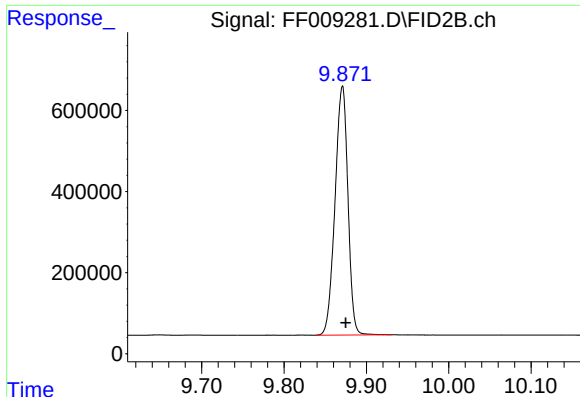
#3 N-DODECANE

R.T.: 6.481 min  
Delta R.T.: -0.004 min  
Response: 6912791  
Conc: 54.41 ug/ml



#4 N-TETRADECANE

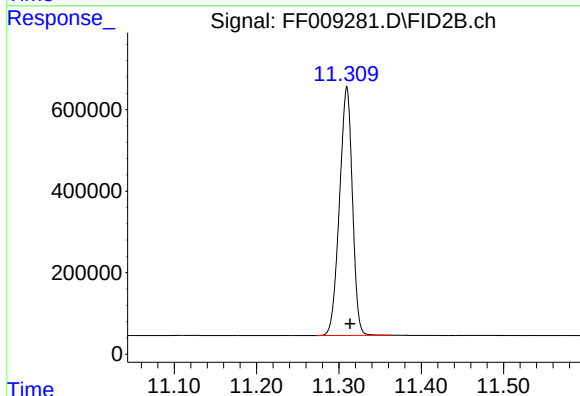
R.T.: 8.273 min  
Delta R.T.: -0.005 min  
Response: 6774479  
Conc: 54.03 ug/ml



#5 N-HEXADECANE

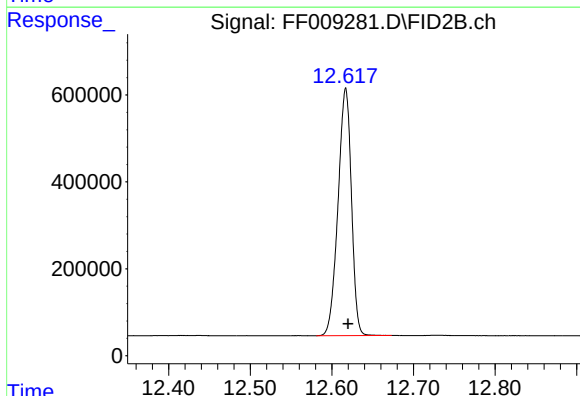
R.T.: 9.871 min  
Delta R.T.: -0.004 min  
Response: 6680315  
Conc: 52.62 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



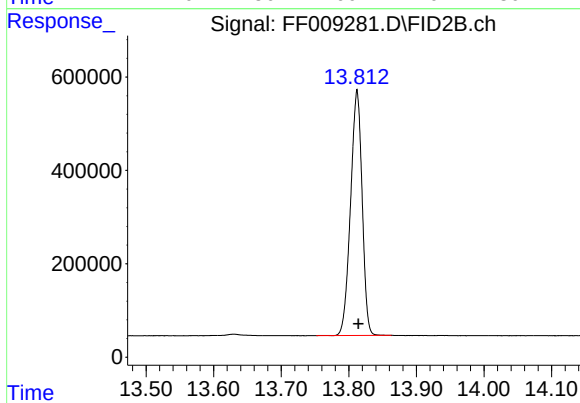
#6 N-OCTADECANE

R.T.: 11.310 min  
Delta R.T.: -0.004 min  
Response: 6647828  
Conc: 51.57 ug/ml



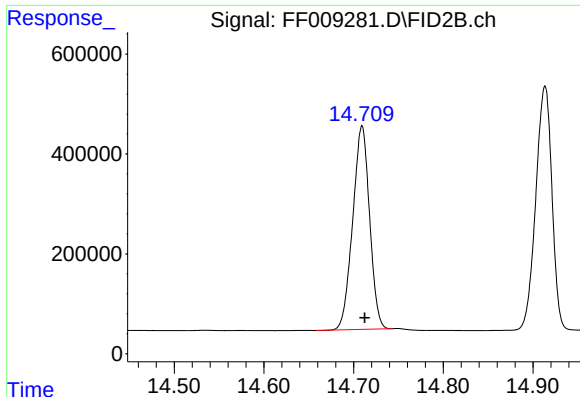
#7 N-EICOSANE

R.T.: 12.617 min  
Delta R.T.: -0.003 min  
Response: 6496237  
Conc: 50.46 ug/ml



#8 N-DOCOSANE

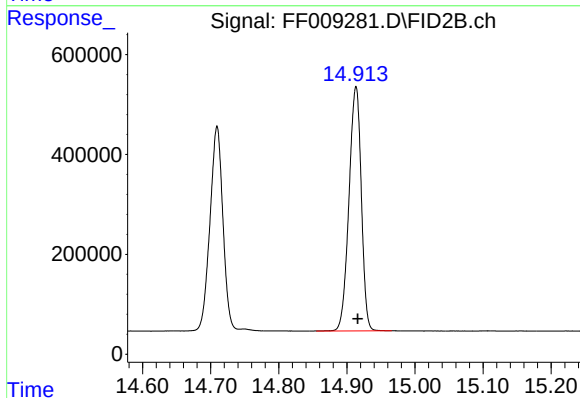
R.T.: 13.812 min  
Delta R.T.: -0.002 min  
Response: 6251845  
Conc: 49.45 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

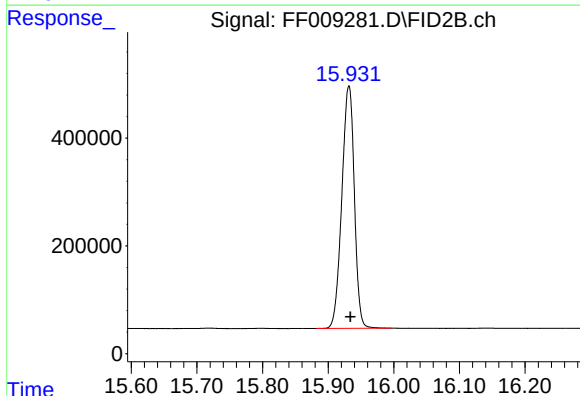
R.T.: 14.710 min  
Delta R.T.: -0.003 min  
Response: 5321791  
Conc: 48.53 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



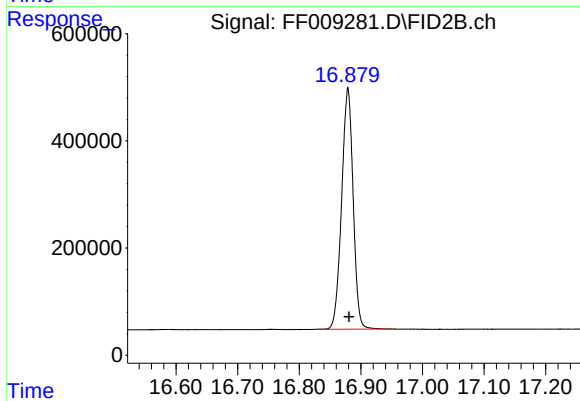
#10 N-TETRACOSANE

R.T.: 14.914 min  
Delta R.T.: -0.002 min  
Response: 6141109  
Conc: 49.06 ug/ml



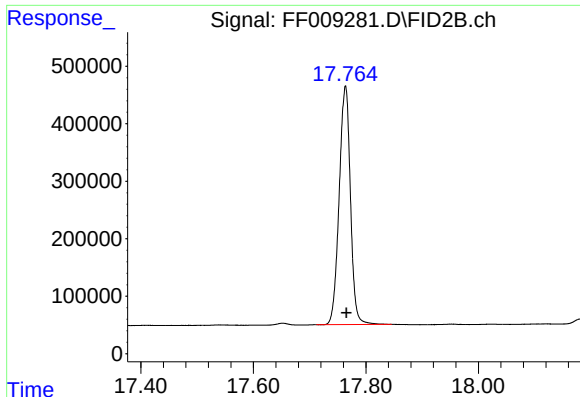
#11 N-HEXACOSANE

R.T.: 15.932 min  
Delta R.T.: -0.002 min  
Response: 5963161  
Conc: 49.26 ug/ml



#12 N-OCTACOSANE

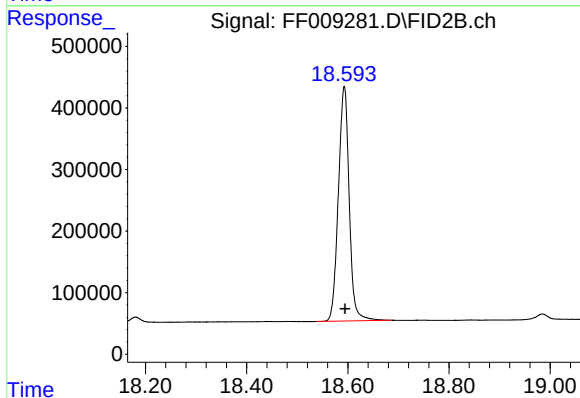
R.T.: 16.879 min  
Delta R.T.: -0.002 min  
Response: 5835617  
Conc: 49.85 ug/ml



#13 N-TRIACONTANE

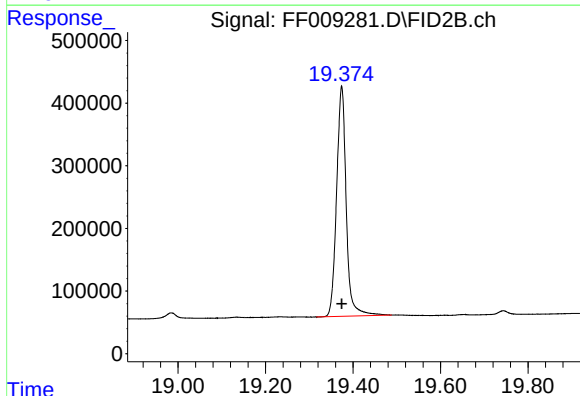
R.T.: 17.764 min  
Delta R.T.: -0.002 min  
Response: 5765671  
Conc: 51.11 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



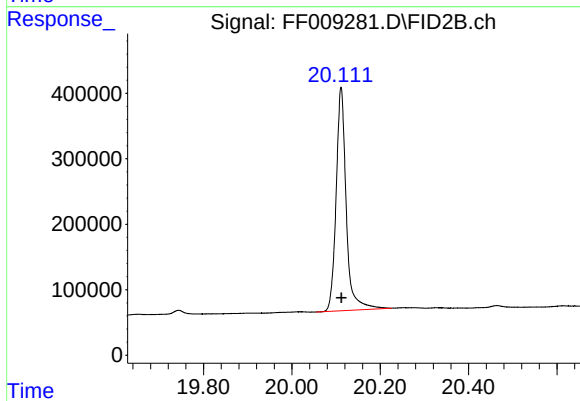
#14 N-DOTRIACONTANE

R.T.: 18.593 min  
Delta R.T.: -0.002 min  
Response: 5670503  
Conc: 53.70 ug/ml



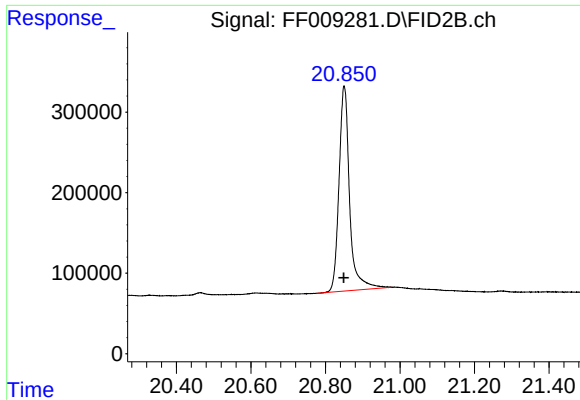
#15 N-TETRATRIACONTANE

R.T.: 19.374 min  
Delta R.T.: 0.000 min  
Response: 5623742  
Conc: 57.54 ug/ml



#16 N-HEXATRIACONTANE

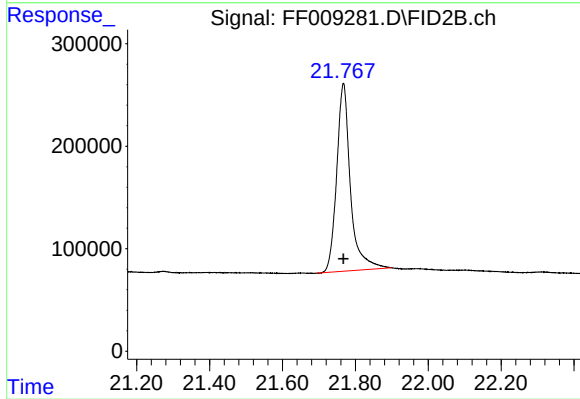
R.T.: 20.111 min  
Delta R.T.: -0.001 min  
Response: 5402948  
Conc: 60.77 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.850 min  
Delta R.T.: 0.001 min  
Response: 5023717  
Conc: 61.53 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 21.767 min  
Delta R.T.: 0.000 min  
Response: 4795996  
Conc: 59.03 ug/ml