

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF040825\  
 Data File : FF015755.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Apr 2025 11:13  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 09 01:15:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF032625.M  
 Quant Title :  
 QLast Update : Wed Mar 26 13:03:21 2025  
 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... | 15.019 | 4642756  | 42.368 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.021  | 4828946  | 42.999 ug/ml |
| 2) N-DECANE                   | 4.559  | 5030190  | 45.757 ug/ml |
| 3) N-DODECANE                 | 6.729  | 5151264  | 46.140 ug/ml |
| 4) N-TETRADECANE              | 8.557  | 5209683  | 46.732 ug/ml |
| 5) N-HEXADECANE               | 10.165 | 5208465  | 44.505 ug/ml |
| 6) N-OCTADECANE               | 11.608 | 5343154  | 43.704 ug/ml |
| 7) N-EICOSANE                 | 12.919 | 5424730  | 42.708 ug/ml |
| 8) N-DOCOSANE                 | 14.119 | 5301131  | 42.746 ug/ml |
| 10) N-TETRACOSANE             | 15.224 | 5280431  | 42.472 ug/ml |
| 11) N-HEXACOSANE              | 16.246 | 5210737  | 42.243 ug/ml |
| 12) N-OCTACOSANE              | 17.197 | 5160618  | 42.250 ug/ml |
| 13) N-TRIACONTANE             | 18.086 | 5262039  | 42.615 ug/ml |
| 14) N-DOTRIACONTANE           | 18.919 | 5360258  | 45.358 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.705 | 5664860  | 54.376 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.445 | 5935531  | 67.792 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.181 | 6040130  | 85.517 ug/ml |
| 18) N-TETRACONTANE            | 22.094 | 5936239  | 96.755 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

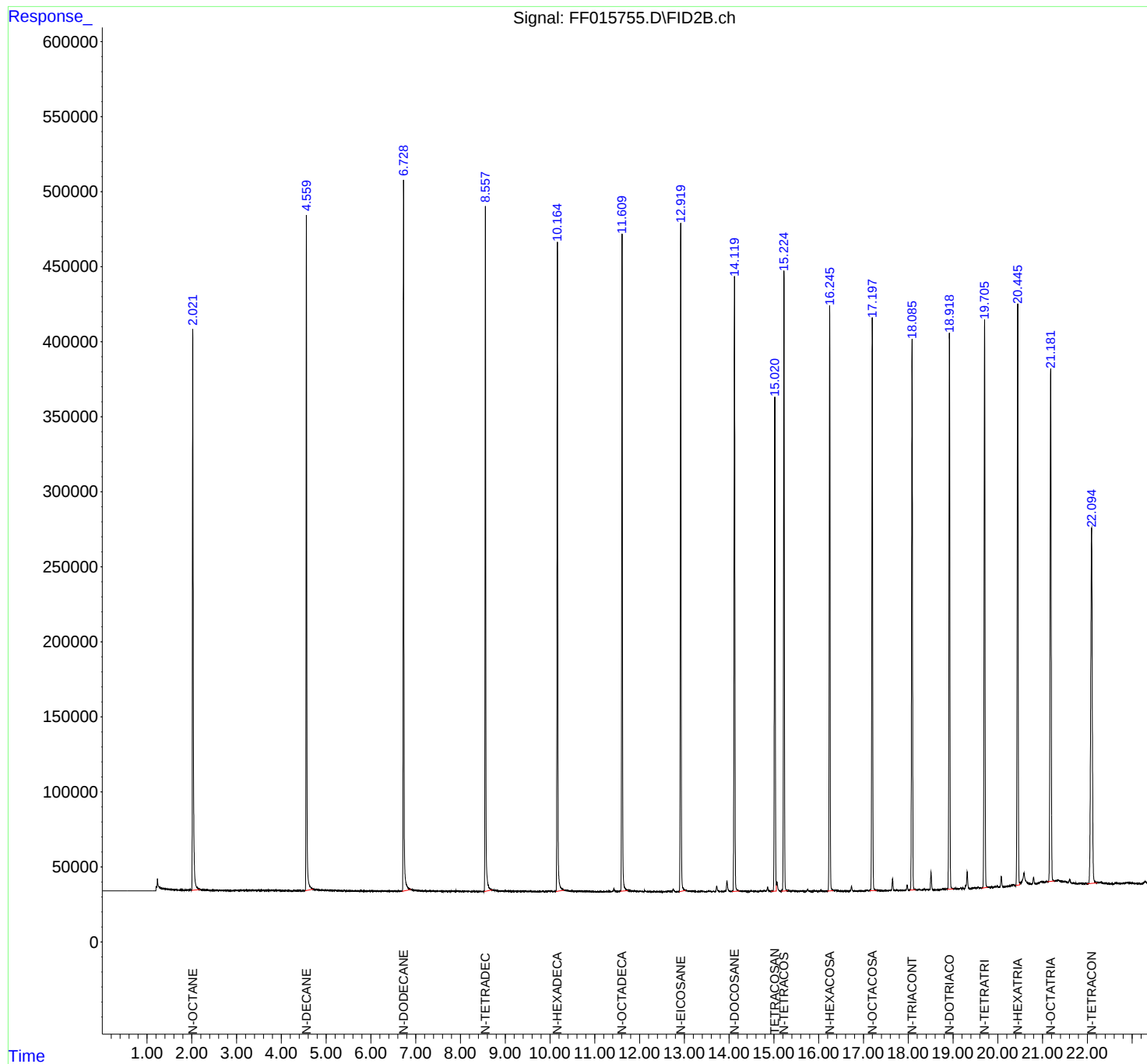
(m)=manual int.

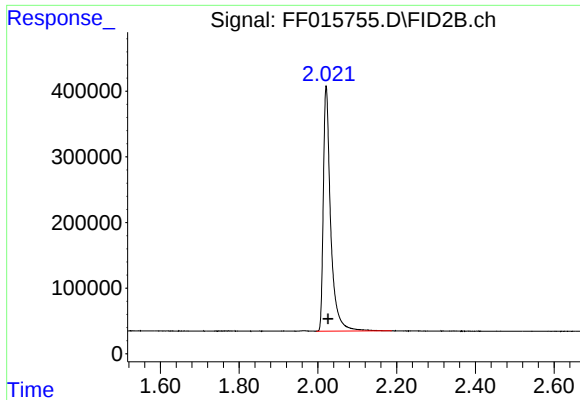
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

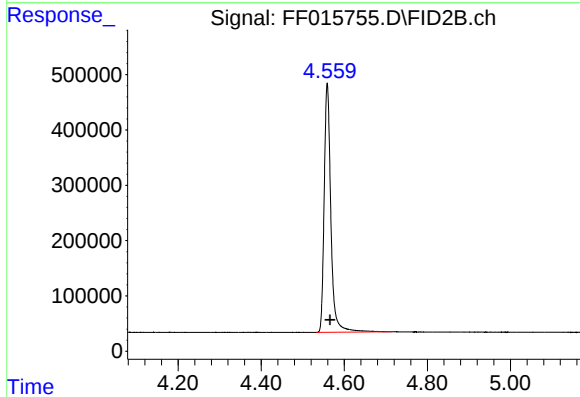




#1 N-OCTANE

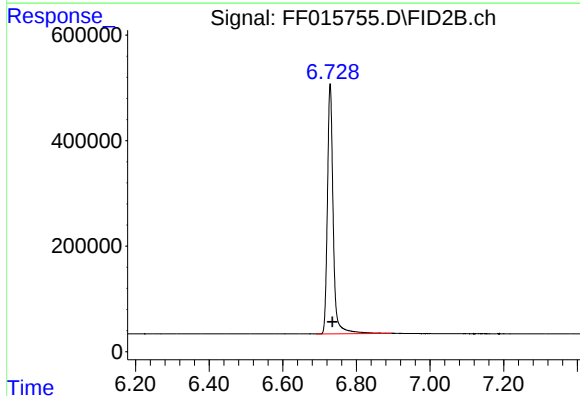
R.T.: 2.021 min  
Delta R.T.: -0.005 min  
Response: 4828946  
Conc: 43.00 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



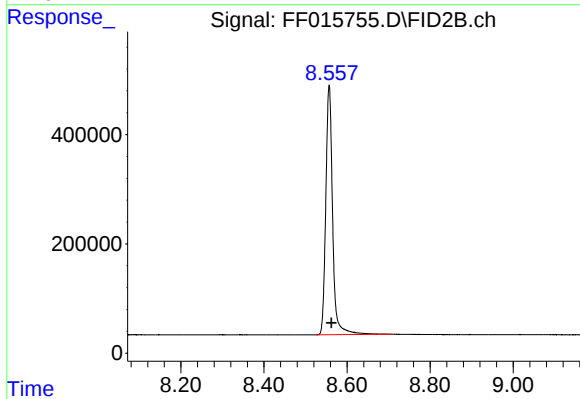
#2 N-DECANE

R.T.: 4.559 min  
Delta R.T.: -0.007 min  
Response: 5030190  
Conc: 45.76 ug/ml



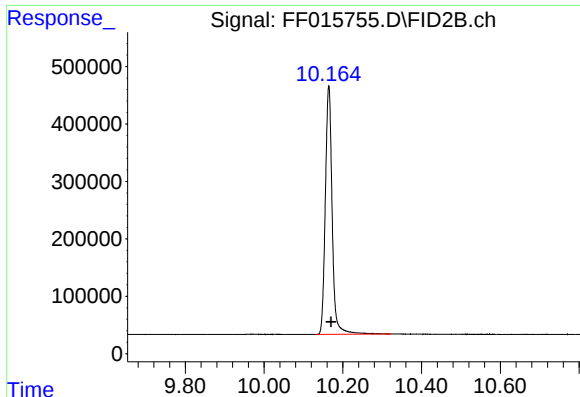
#3 N-DODECANE

R.T.: 6.729 min  
Delta R.T.: -0.006 min  
Response: 5151264  
Conc: 46.14 ug/ml



#4 N-TETRADECANE

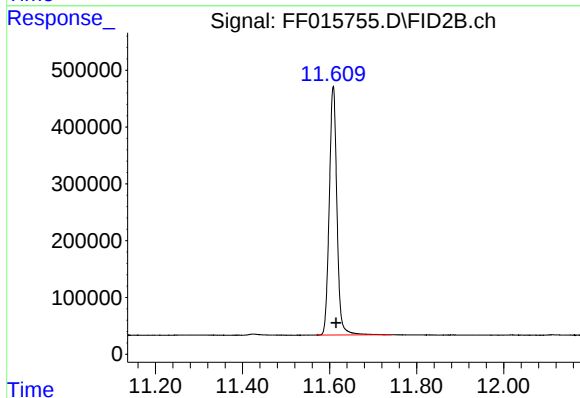
R.T.: 8.557 min  
Delta R.T.: -0.006 min  
Response: 5209683  
Conc: 46.73 ug/ml



#5 N-HEXADECANE

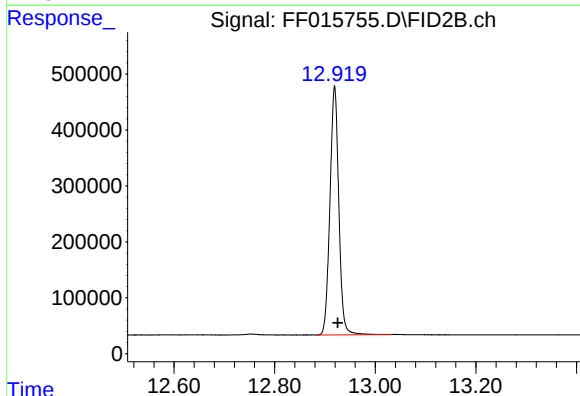
R.T.: 10.165 min  
Delta R.T.: -0.006 min  
Response: 5208465  
Conc: 44.50 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



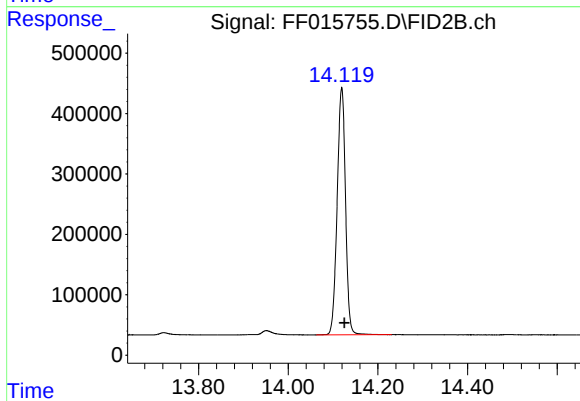
#6 N-OCTADECANE

R.T.: 11.608 min  
Delta R.T.: -0.006 min  
Response: 5343154  
Conc: 43.70 ug/ml



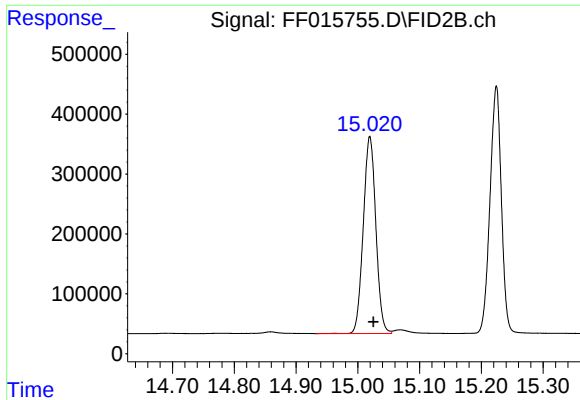
#7 N-EICOSANE

R.T.: 12.919 min  
Delta R.T.: -0.006 min  
Response: 5424730  
Conc: 42.71 ug/ml



#8 N-DOCOSANE

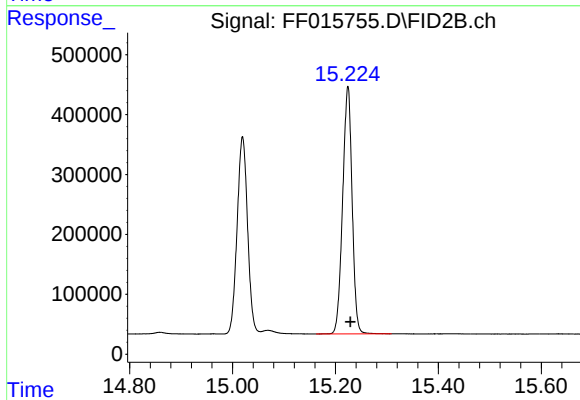
R.T.: 14.119 min  
Delta R.T.: -0.006 min  
Response: 5301131  
Conc: 42.75 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

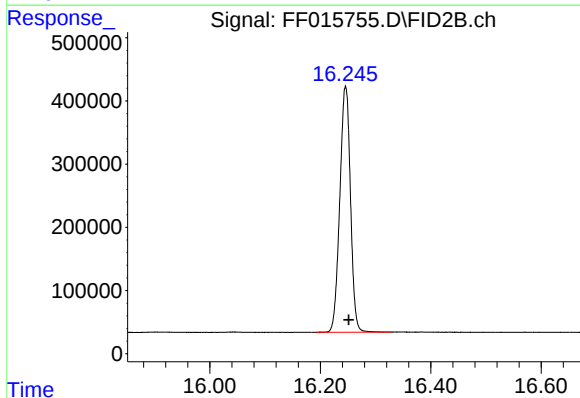
R.T.: 15.019 min  
Delta R.T.: -0.006 min  
Response: 4642756  
Conc: 42.37 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



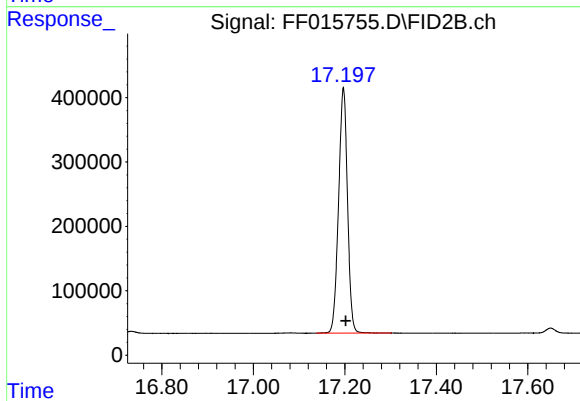
#10 N-TETRACOSANE

R.T.: 15.224 min  
Delta R.T.: -0.005 min  
Response: 5280431  
Conc: 42.47 ug/ml



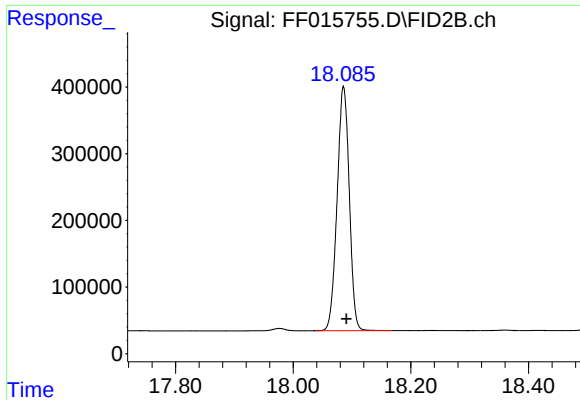
#11 N-HEXACOSANE

R.T.: 16.246 min  
Delta R.T.: -0.006 min  
Response: 5210737  
Conc: 42.24 ug/ml



#12 N-OCTACOSANE

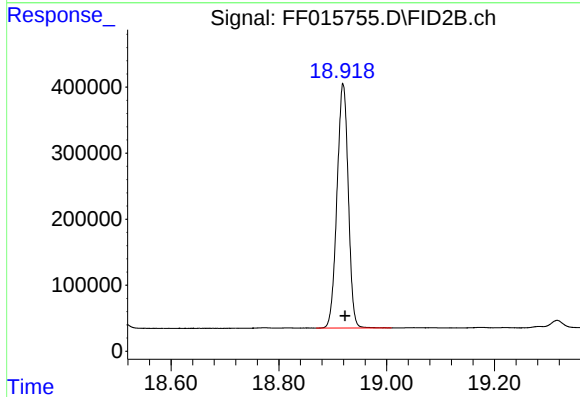
R.T.: 17.197 min  
Delta R.T.: -0.005 min  
Response: 5160618  
Conc: 42.25 ug/ml



#13 N-TRIACONTANE

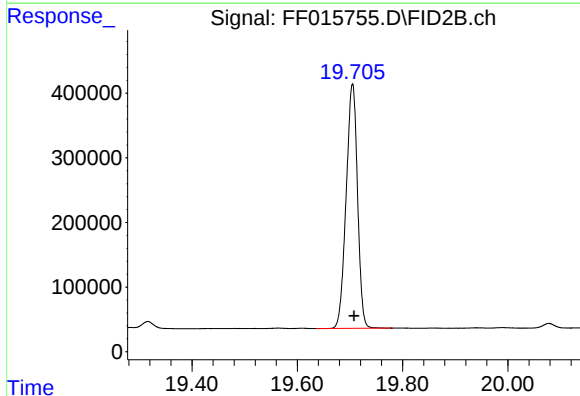
R.T.: 18.086 min  
Delta R.T.: -0.005 min  
Response: 5262039  
Conc: 42.62 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



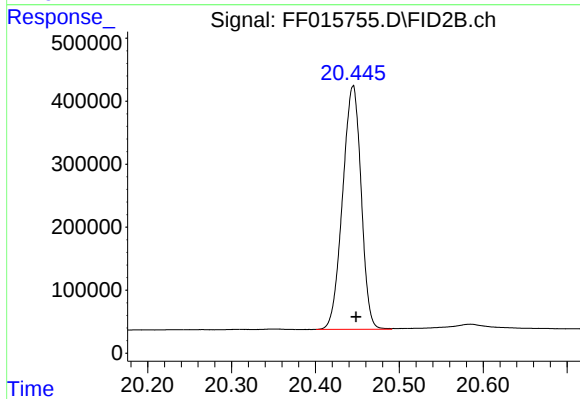
#14 N-DOTRIACONTANE

R.T.: 18.919 min  
Delta R.T.: -0.004 min  
Response: 5360258  
Conc: 45.36 ug/ml



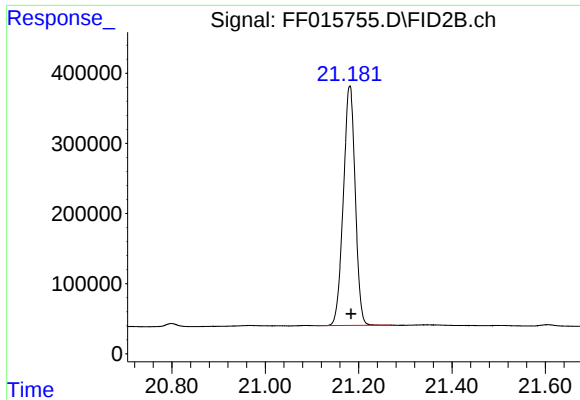
#15 N-TETRATRIACONTANE

R.T.: 19.705 min  
Delta R.T.: -0.003 min  
Response: 5664860  
Conc: 54.38 ug/ml



#16 N-HEXATRIACONTANE

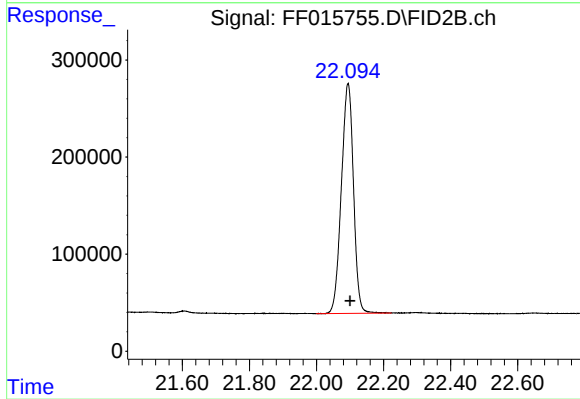
R.T.: 20.445 min  
Delta R.T.: -0.003 min  
Response: 5935531  
Conc: 67.79 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.181 min  
Delta R.T.: -0.003 min  
Response: 6040130  
Conc: 85.52 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.094 min  
Delta R.T.: -0.006 min  
Response: 5936239  
Conc: 96.76 ug/ml