

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF032625\  
 Data File : FF015731.D  
 Signal(s) : FID2B.ch  
 Acq On : 26 Mar 2025 10:26  
 Operator : YP\AJ  
 Sample : 100 TRPH STD  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 100 TRPH STD

Integration File: autoint1.e  
 Quant Time: Mar 26 12:49:12 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF032625.M  
 Quant Title :  
 QLast Update : Wed Mar 26 12:48:23 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... | 15.029 | 11080179 | 100.029 ug/ml |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.027  | 11812969 | 101.961 ug/ml |
| 2) N-DECANE                   | 4.568  | 11971122 | 102.109 ug/ml |
| 3) N-DODECANE                 | 6.738  | 12253088 | 102.372 ug/ml |
| 4) N-TETRADECANE              | 8.566  | 12406560 | 102.340 ug/ml |
| 5) N-HEXADECANE               | 10.174 | 12506096 | 101.918 ug/ml |
| 6) N-OCTADECANE               | 11.618 | 12782859 | 101.494 ug/ml |
| 7) N-EICOSANE                 | 12.929 | 12956275 | 100.823 ug/ml |
| 8) N-DOCOSANE                 | 14.129 | 12594854 | 100.658 ug/ml |
| 10) N-TETRACOSANE             | 15.235 | 12578779 | 100.201 ug/ml |
| 11) N-HEXACOSANE              | 16.256 | 12524022 | 100.177 ug/ml |
| 12) N-OCTACOSANE              | 17.206 | 12372233 | 100.122 ug/ml |
| 13) N-TRIACONTANE             | 18.094 | 12402065 | 100.099 ug/ml |
| 14) N-DOTRIACONTANE           | 18.927 | 11931970 | 101.680 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.711 | 11040224 | 106.971 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.451 | 9782612  | 115.416 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.189 | 8749161  | 125.716 ug/ml |
| 18) N-TETRACONTANE            | 22.102 | 7862257  | 136.641 ug/ml |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

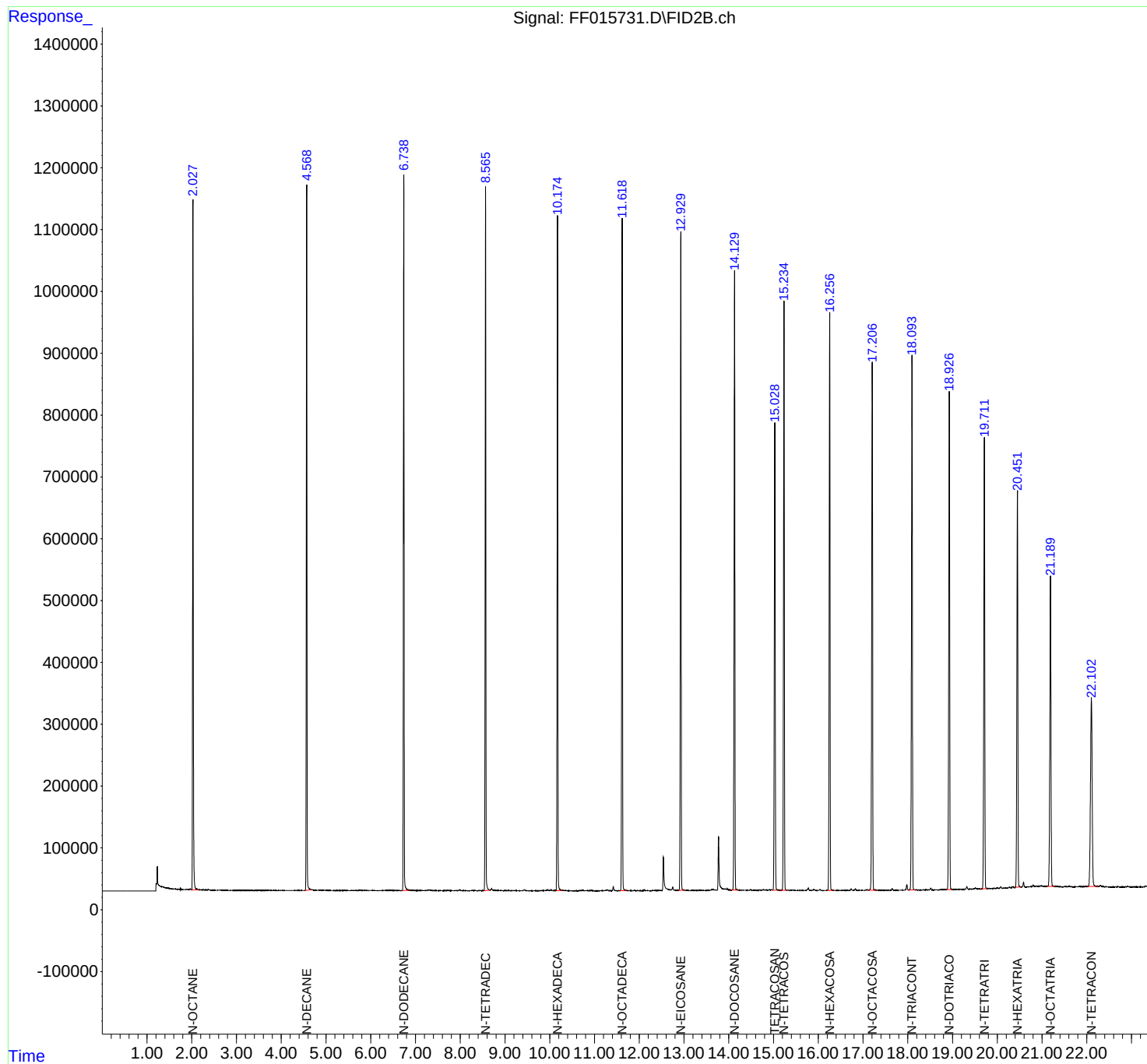
(m)=manual int.

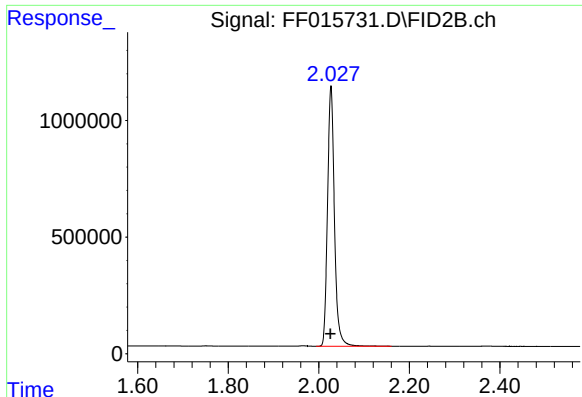
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

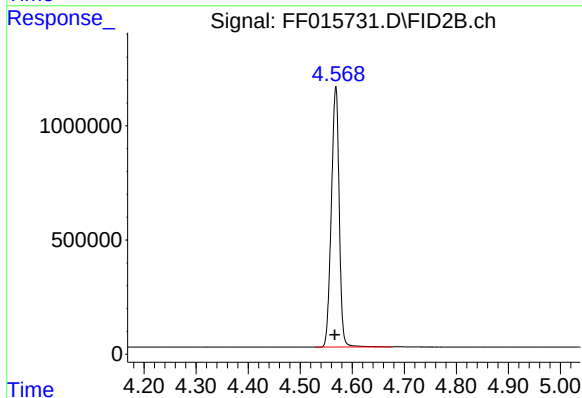




#1 N-OCTANE

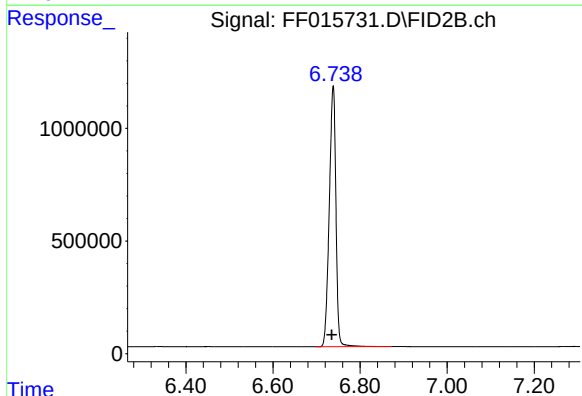
R.T.: 2.027 min  
Delta R.T.: 0.001 min  
Response: 11812969  
Conc: 101.96 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
100 TRPH STD



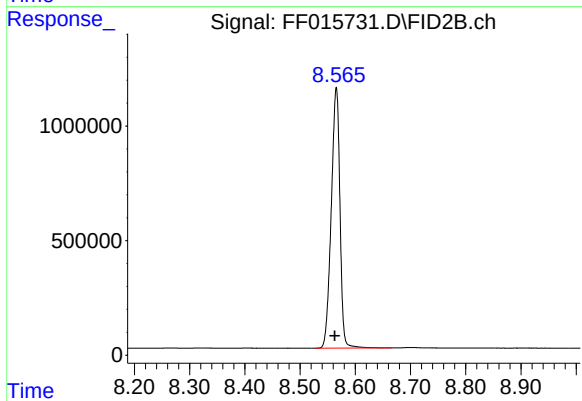
#2 N-DECANE

R.T.: 4.568 min  
Delta R.T.: 0.002 min  
Response: 11971122  
Conc: 102.11 ug/ml



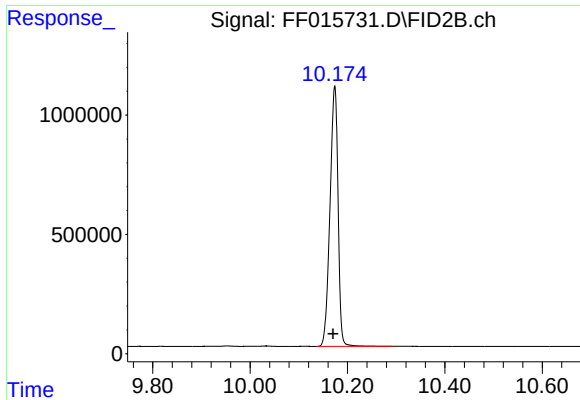
#3 N-DODECANE

R.T.: 6.738 min  
Delta R.T.: 0.003 min  
Response: 12253088  
Conc: 102.37 ug/ml



#4 N-TETRADECANE

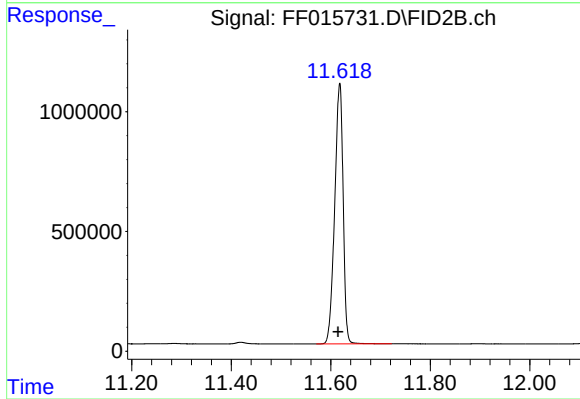
R.T.: 8.566 min  
Delta R.T.: 0.003 min  
Response: 12406560  
Conc: 102.34 ug/ml



#5 N-HEXADECANE

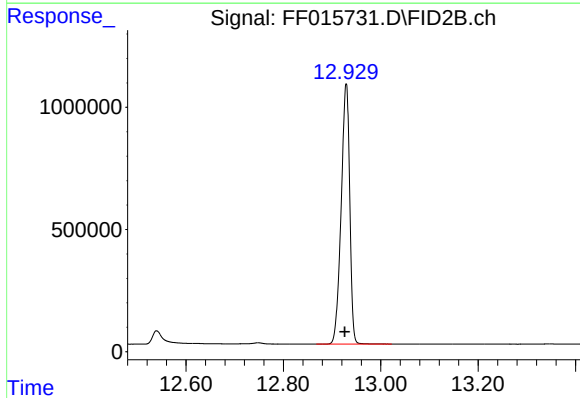
R.T.: 10.174 min  
Delta R.T.: 0.003 min  
Response: 12506096  
Conc: 101.92 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
100 TRPH STD



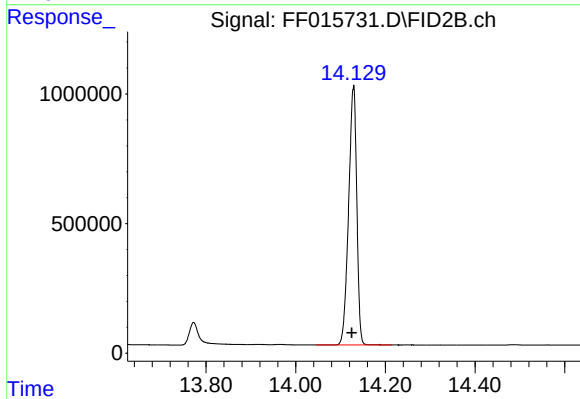
#6 N-OCTADECANE

R.T.: 11.618 min  
Delta R.T.: 0.004 min  
Response: 12782859  
Conc: 101.49 ug/ml



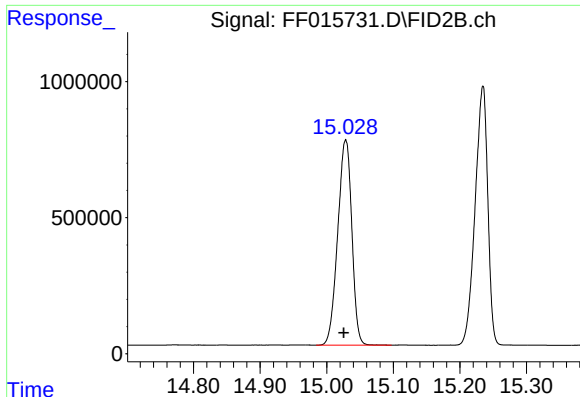
#7 N-EICOSANE

R.T.: 12.929 min  
Delta R.T.: 0.004 min  
Response: 12956275  
Conc: 100.82 ug/ml



#8 N-DOCOSANE

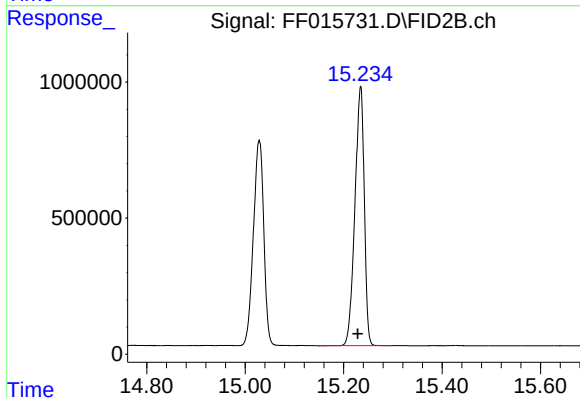
R.T.: 14.129 min  
Delta R.T.: 0.004 min  
Response: 12594854  
Conc: 100.66 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

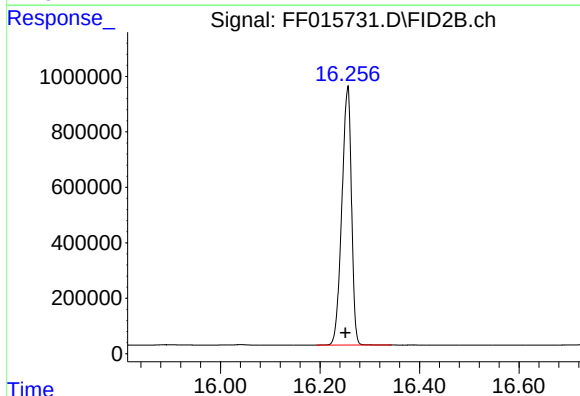
R.T.: 15.029 min  
Delta R.T.: 0.003 min  
Response: 11080179  
Conc: 100.03 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
100 TRPH STD



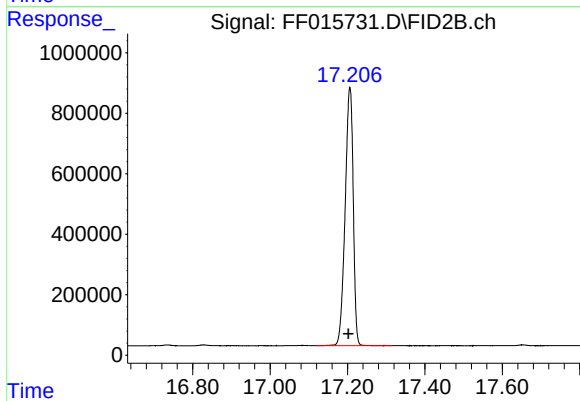
#10 N-TETRACOSANE

R.T.: 15.235 min  
Delta R.T.: 0.006 min  
Response: 12578779  
Conc: 100.20 ug/ml



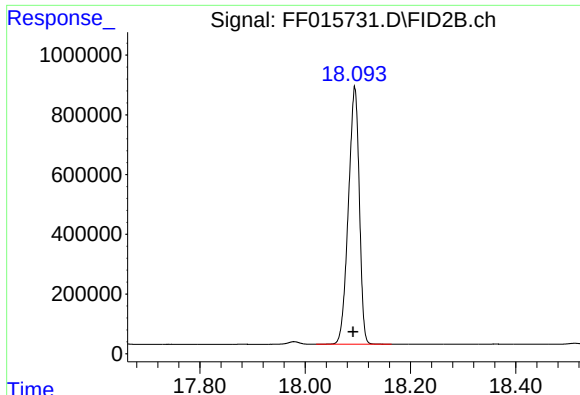
#11 N-HEXACOSANE

R.T.: 16.256 min  
Delta R.T.: 0.004 min  
Response: 12524022  
Conc: 100.18 ug/ml



#12 N-OCTACOSANE

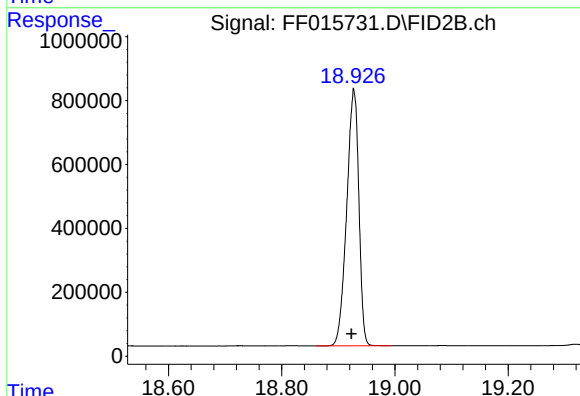
R.T.: 17.206 min  
Delta R.T.: 0.004 min  
Response: 12372233  
Conc: 100.12 ug/ml



#13 N-TRIACONTANE

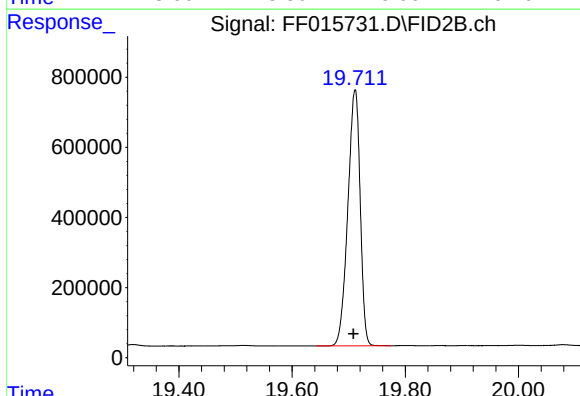
R.T.: 18.094 min  
Delta R.T.: 0.004 min  
Response: 12402065  
Conc: 100.10 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
100 TRPH STD



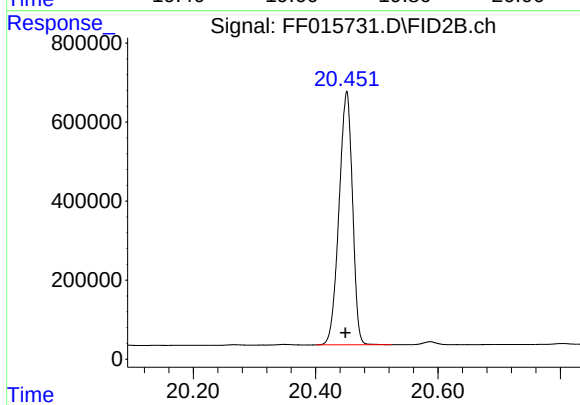
#14 N-DOTRIACONTANE

R.T.: 18.927 min  
Delta R.T.: 0.005 min  
Response: 11931970  
Conc: 101.68 ug/ml



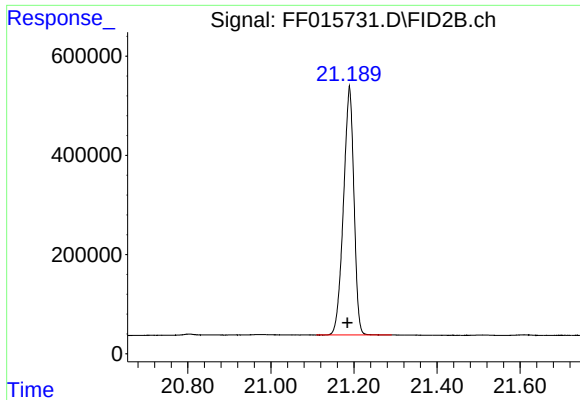
#15 N-TETRATRIACONTANE

R.T.: 19.711 min  
Delta R.T.: 0.003 min  
Response: 11040224  
Conc: 106.97 ug/ml



#16 N-HEXATRIACONTANE

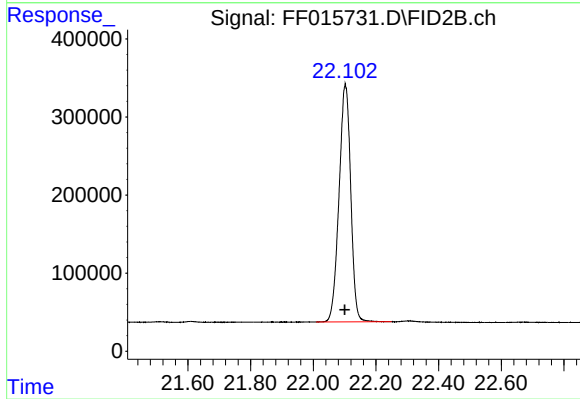
R.T.: 20.451 min  
Delta R.T.: 0.003 min  
Response: 9782612  
Conc: 115.42 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.189 min  
Delta R.T.: 0.005 min  
Response: 8749161  
Conc: 125.72 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.102 min  
Delta R.T.: 0.002 min  
Response: 7862257  
Conc: 136.64 ug/ml