

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051325\
 Data File : FG015818.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 11:40
 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: May 14 03:54:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 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...	14.998	5482459	46.565 ug/ml
Target Compounds			
1) N-OCTANE	1.971	4829258	42.852 ug/ml
2) N-DECANE	4.499	5351365	48.066 ug/ml
3) N-DODECANE	6.681	5643937	49.248 ug/ml
4) N-TETRADECANE	8.517	5889484	48.604 ug/ml
5) N-HEXADECANE	10.131	6050592	48.196 ug/ml
6) N-OCTADECANE	11.579	6240717	47.620 ug/ml
7) N-EICOSANE	12.895	6359506	46.907 ug/ml
8) N-DOCOSANE	14.097	6209146	46.816 ug/ml
10) N-TETRACOSANE	15.204	6232751	46.903 ug/ml
11) N-HEXACOSANE	16.228	6221359	46.911 ug/ml
12) N-OCTACOSANE	17.181	6278020	47.621 ug/ml
13) N-TRIACONTANE	18.071	6571760	49.293 ug/ml
14) N-DOTRIACONTANE	18.905	6789864	51.506 ug/ml
15) N-TETRATRIACONTANE	19.691	6991316	57.810 ug/ml
16) N-HEXATRIACONTANE	20.431	7247510	67.597 ug/ml
17) N-OCTATRIACONTANE	21.173	7173880	74.473 ug/ml
18) N-TETRACONTANE	22.091	7051251	79.187 ug/ml

(f)=RT Delta > 1/2 Window

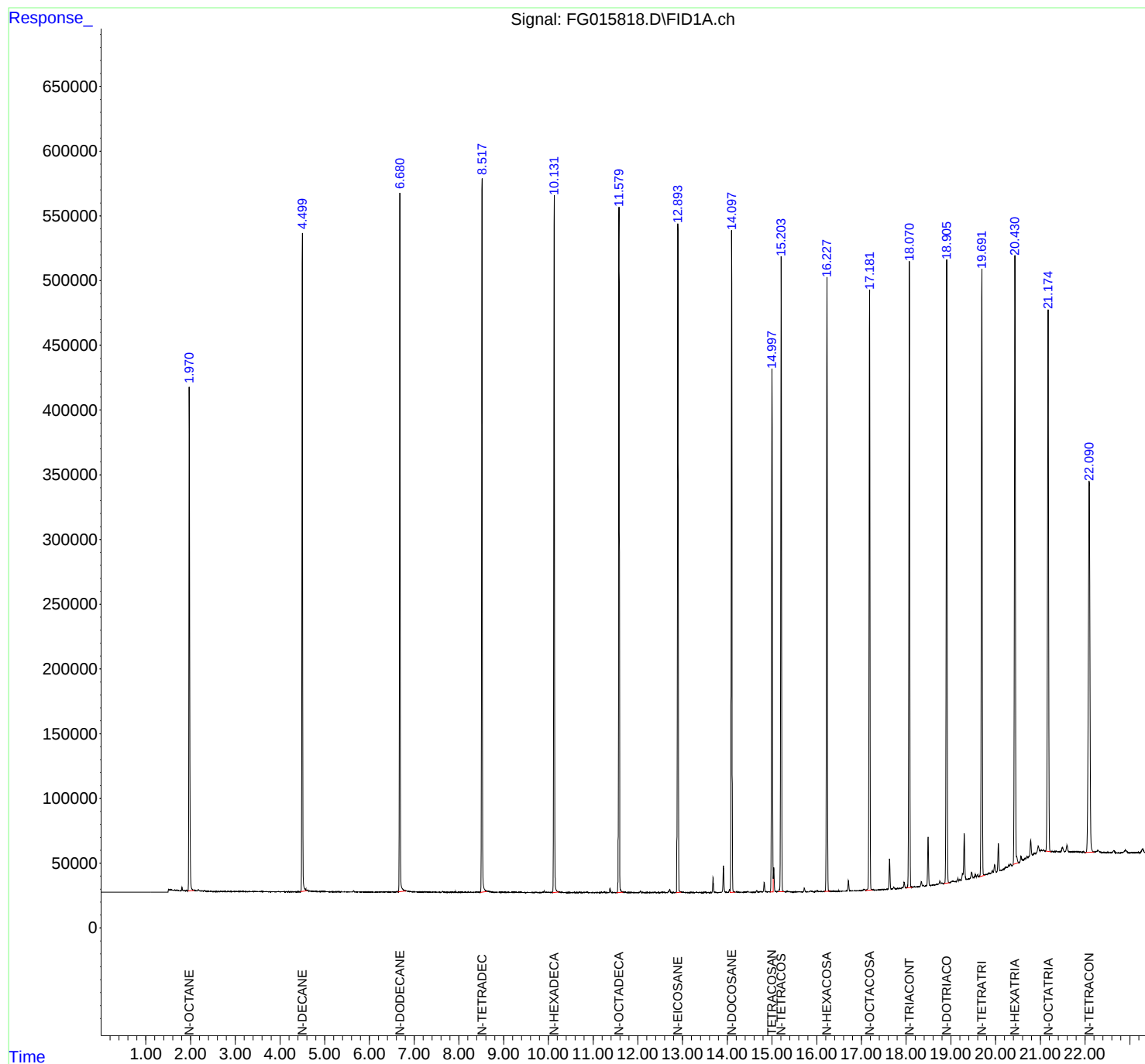
(m)=manual int.

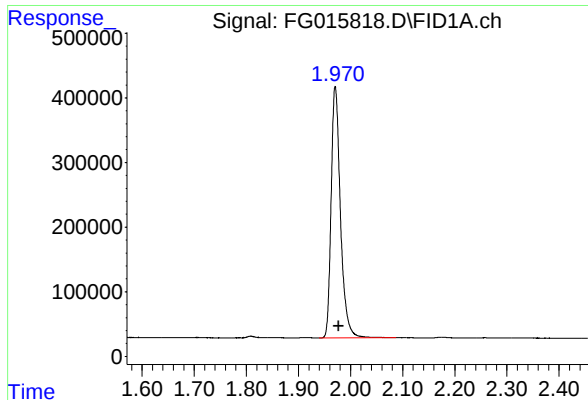
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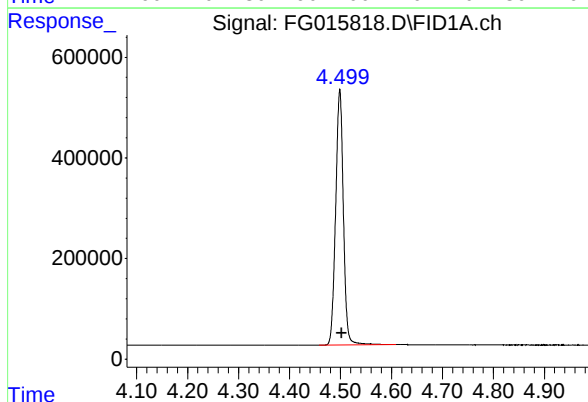




#1 N-OCTANE

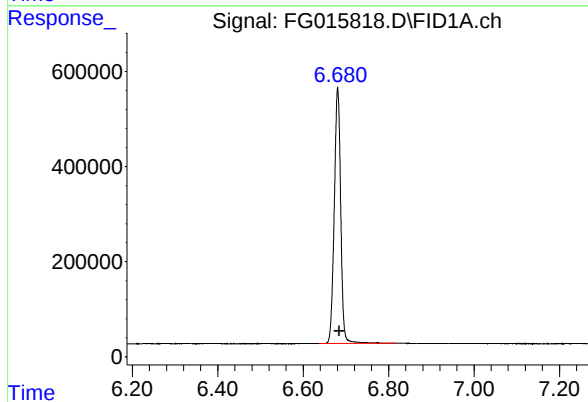
R.T.: 1.971 min
Delta R.T.: -0.006 min
Response: 4829258
Conc: 42.85 ug/ml

Instrument :
FID_G
ClientSampleId :



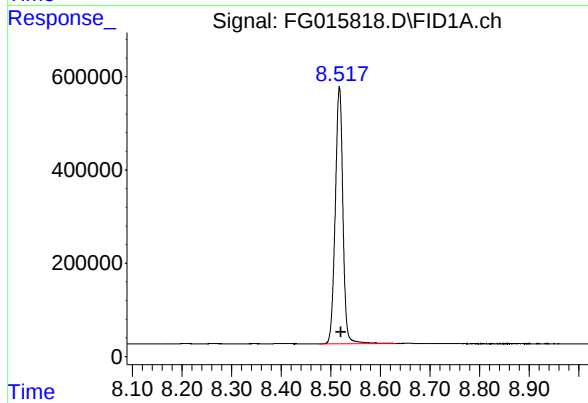
#2 N-DECANE

R.T.: 4.499 min
Delta R.T.: -0.004 min
Response: 5351365
Conc: 48.07 ug/ml



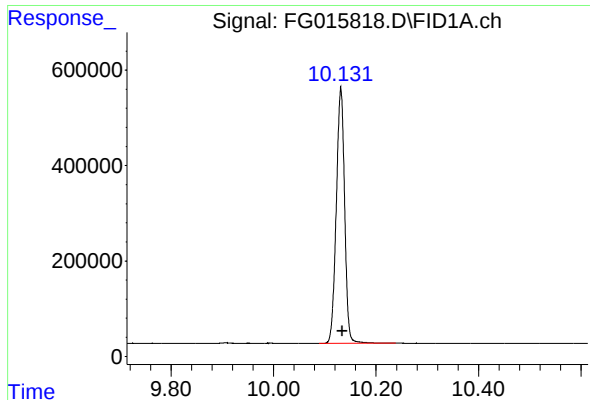
#3 N-DODECANE

R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 5643937
Conc: 49.25 ug/ml



#4 N-TETRADECANE

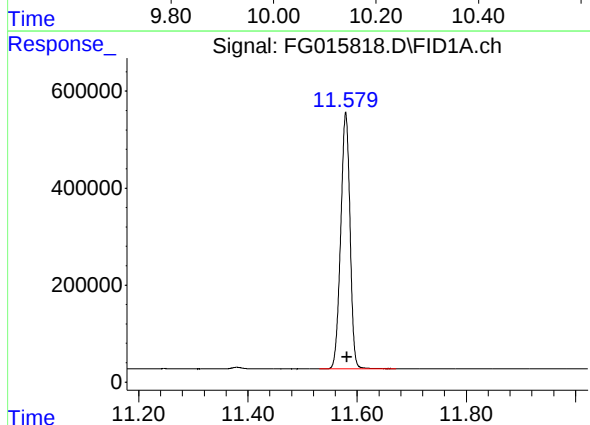
R.T.: 8.517 min
Delta R.T.: -0.003 min
Response: 5889484
Conc: 48.60 ug/ml



#5 N-HEXADECANE

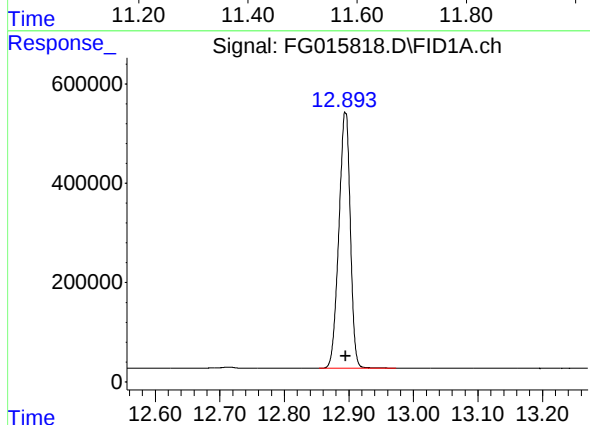
R.T.: 10.131 min
Delta R.T.: -0.003 min
Response: 6050592
Conc: 48.20 ug/ml

Instrument :
FID_G
ClientSampleId :



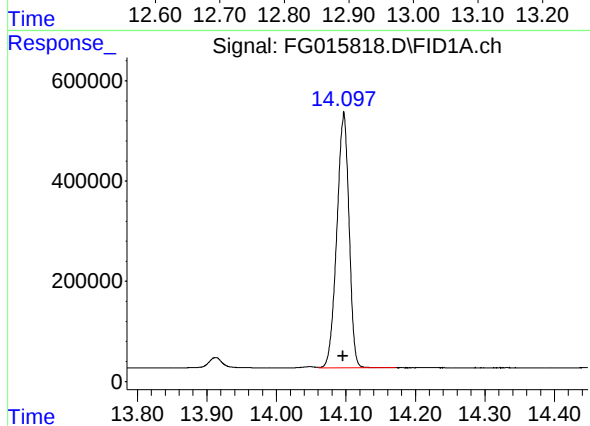
#6 N-OCTADECANE

R.T.: 11.579 min
Delta R.T.: -0.002 min
Response: 6240717
Conc: 47.62 ug/ml



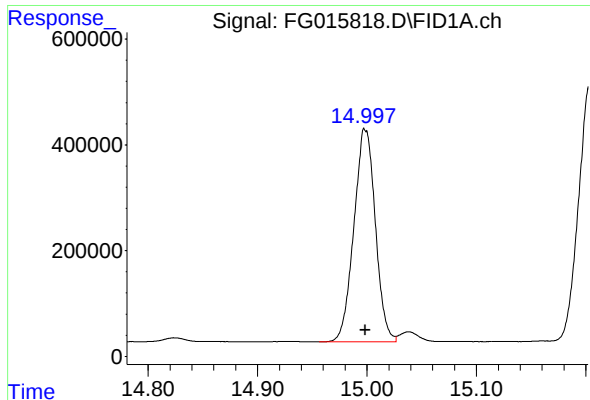
#7 N-EICOSANE

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 6359506
Conc: 46.91 ug/ml



#8 N-DOCOSANE

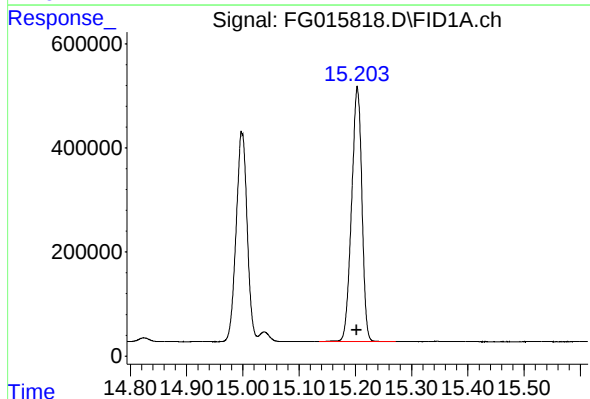
R.T.: 14.097 min
Delta R.T.: 0.001 min
Response: 6209146
Conc: 46.82 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

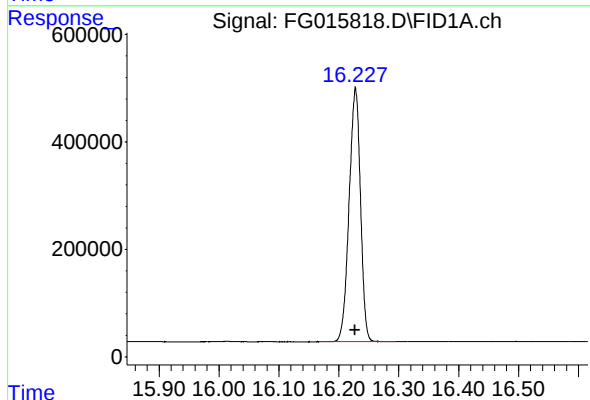
R.T.: 14.998 min
Delta R.T.: 0.000 min
Response: 5482459
Conc: 46.57 ug/ml

Instrument :
FID_G
ClientSampleId :



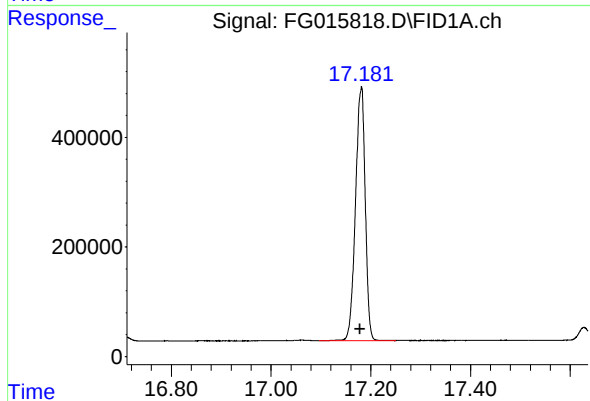
#10 N-TETRACOSANE

R.T.: 15.204 min
Delta R.T.: 0.001 min
Response: 6232751
Conc: 46.90 ug/ml



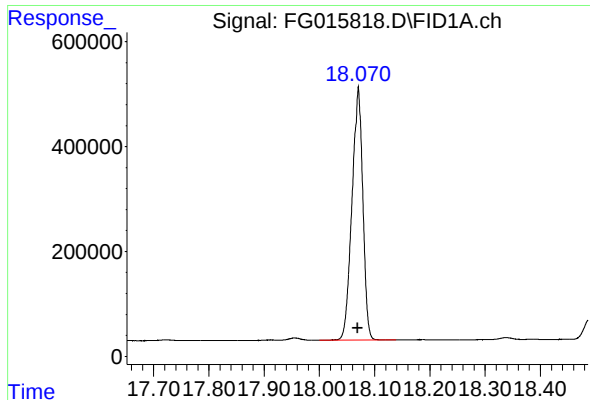
#11 N-HEXACOSANE

R.T.: 16.228 min
Delta R.T.: 0.001 min
Response: 6221359
Conc: 46.91 ug/ml



#12 N-OCTACOSANE

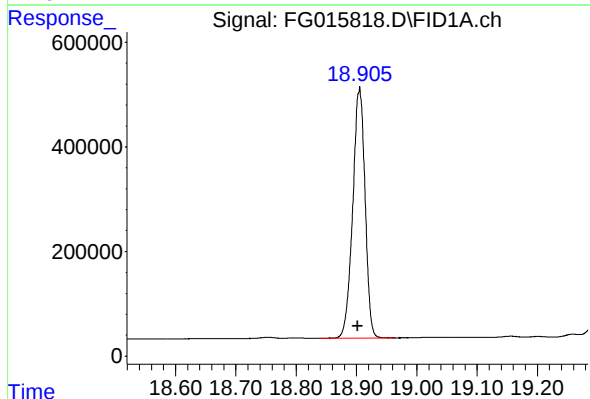
R.T.: 17.181 min
Delta R.T.: 0.002 min
Response: 6278020
Conc: 47.62 ug/ml



#13 N-TRIACONTANE

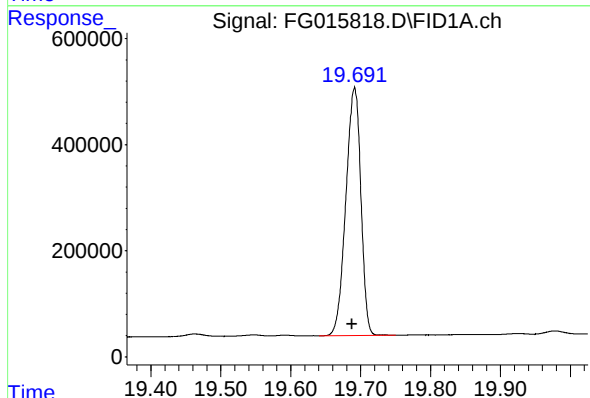
R.T.: 18.071 min
Delta R.T.: 0.001 min
Response: 6571760
Conc: 49.29 ug/ml

Instrument :
FID_G
ClientSampleId :



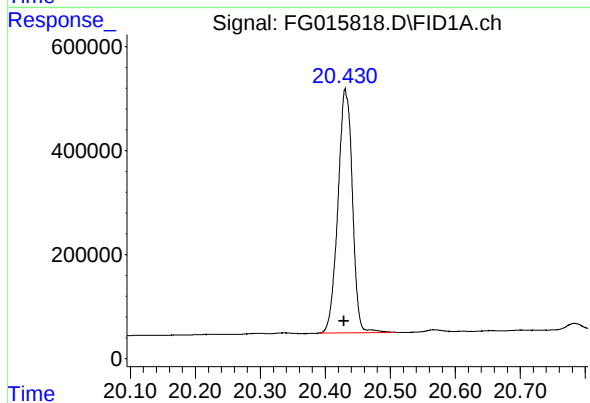
#14 N-DOTRIACONTANE

R.T.: 18.905 min
Delta R.T.: 0.003 min
Response: 6789864
Conc: 51.51 ug/ml



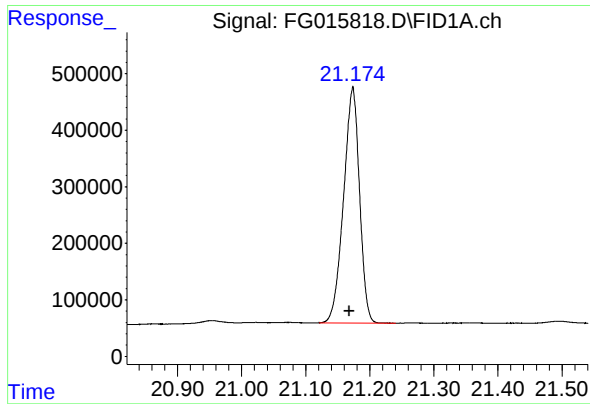
#15 N-TETRATRIACONTANE

R.T.: 19.691 min
Delta R.T.: 0.004 min
Response: 6991316
Conc: 57.81 ug/ml



#16 N-HEXATRIACONTANE

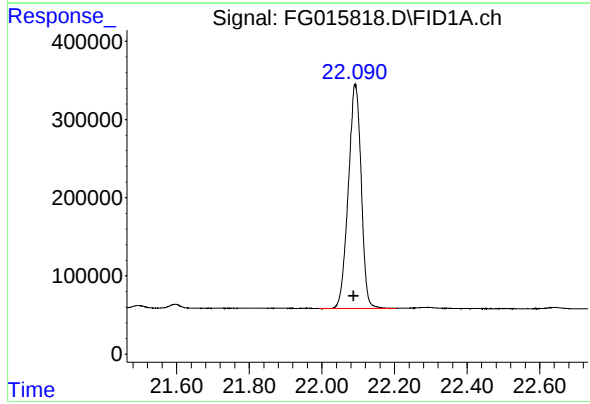
R.T.: 20.431 min
Delta R.T.: 0.002 min
Response: 7247510
Conc: 67.60 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.173 min
Delta R.T.: 0.005 min
Response: 7173880
Conc: 74.47 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.091 min
Delta R.T.: 0.004 min
Response: 7051251
Conc: 79.19 ug/ml