

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051325\
 Data File : FG015825.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 16:53
 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 03:55:35 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	5659391	48.068 ug/ml
Target Compounds			
1) N-OCTANE	1.970	5013024	44.483 ug/ml
2) N-DECANE	4.497	5569282	50.023 ug/ml
3) N-DODECANE	6.680	5878120	51.292 ug/ml
4) N-TETRADECANE	8.517	6151100	50.763 ug/ml
5) N-HEXADECANE	10.131	6321600	50.354 ug/ml
6) N-OCTADECANE	11.579	6510234	49.677 ug/ml
7) N-EICOSANE	12.893	6615705	48.797 ug/ml
8) N-DOCOSANE	14.095	6437736	48.539 ug/ml
10) N-TETRACOSANE	15.202	6444515	48.496 ug/ml
11) N-HEXACOSANE	16.226	6411471	48.345 ug/ml
12) N-OCTACOSANE	17.178	6456862	48.977 ug/ml
13) N-TRIACONTANE	18.068	6754650	50.665 ug/ml
14) N-DOTRIACONTANE	18.904	7023052	53.275 ug/ml
15) N-TETRATRIACONTANE	19.689	7170176	59.289 ug/ml
16) N-HEXATRIACONTANE	20.430	7359769	68.644 ug/ml
17) N-OCTATRIACONTANE	21.171	7349851	76.300 ug/ml
18) N-TETRACONTANE	22.089	7385747	82.943 ug/ml

(f)=RT Delta > 1/2 Window

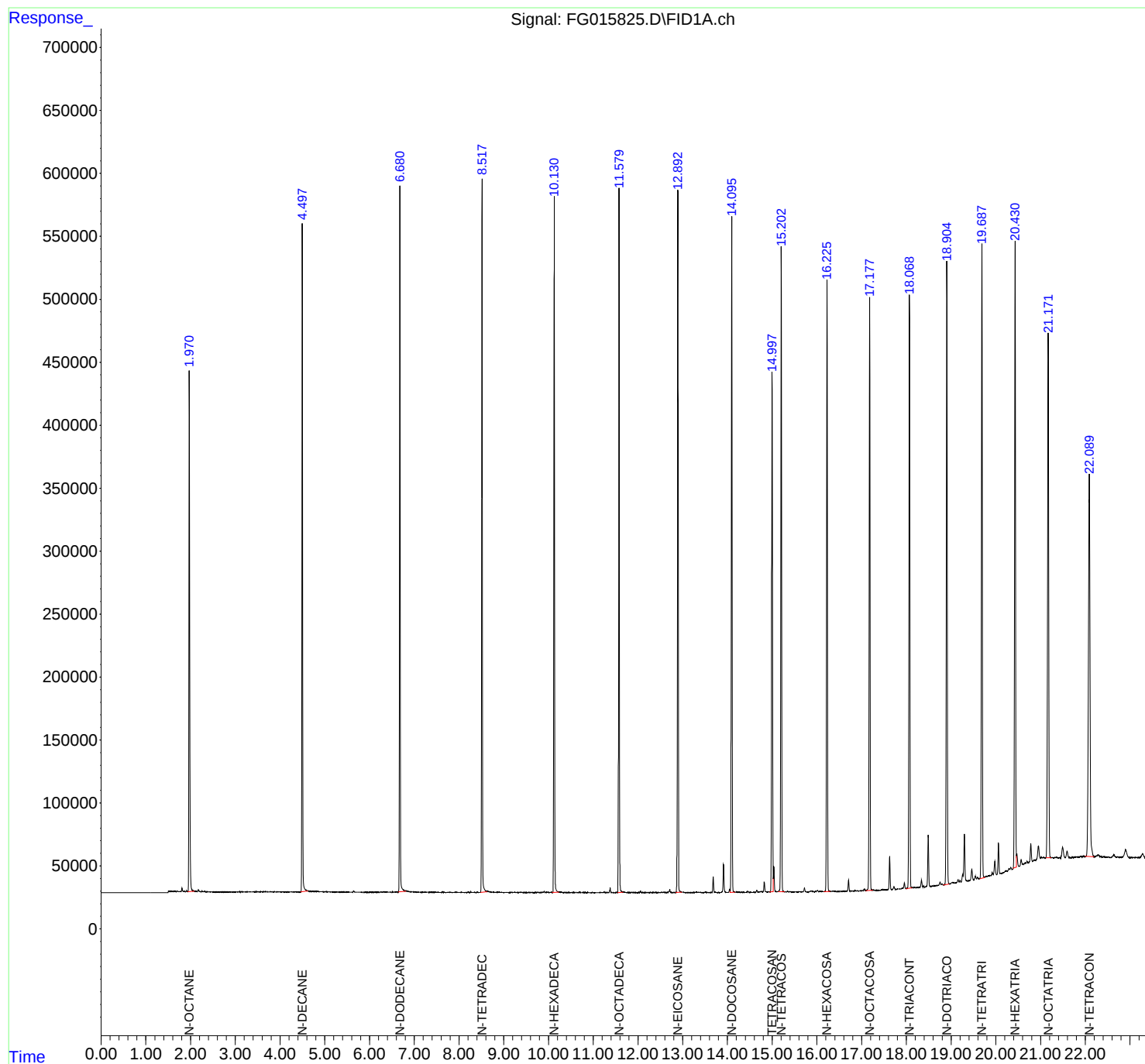
(m)=manual int.

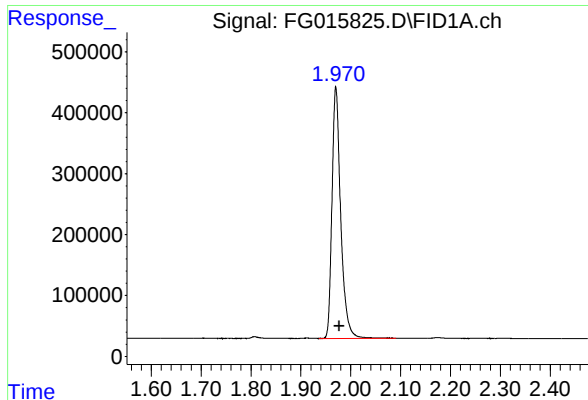
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

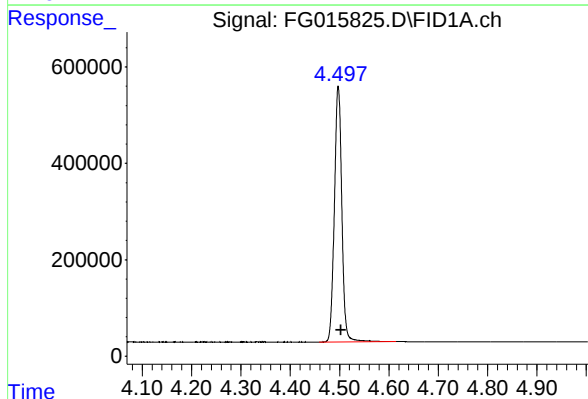




#1 N-OCTANE

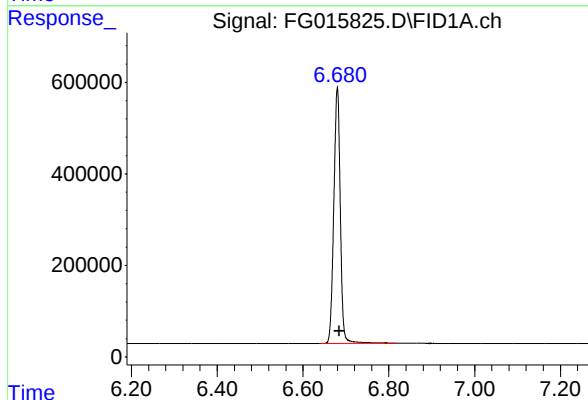
R.T.: 1.970 min
Delta R.T.: -0.007 min
Response: 5013024
Conc: 44.48 ug/ml

Instrument :
FID_G
ClientSampleId :



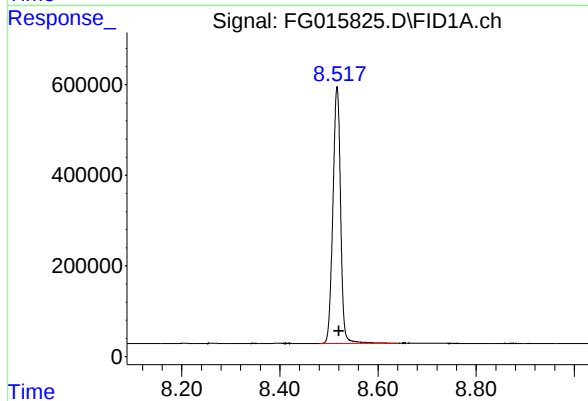
#2 N-DECANE

R.T.: 4.497 min
Delta R.T.: -0.005 min
Response: 5569282
Conc: 50.02 ug/ml



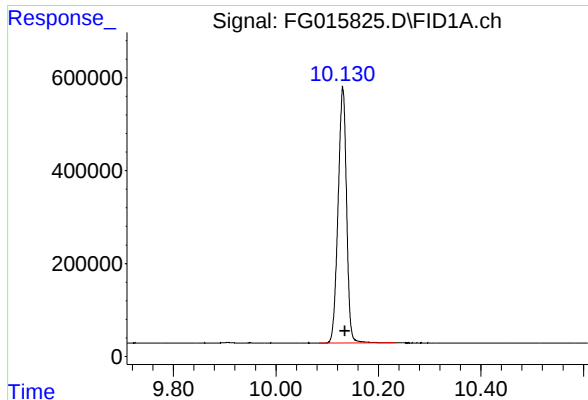
#3 N-DODECANE

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 5878120
Conc: 51.29 ug/ml



#4 N-TETRADECANE

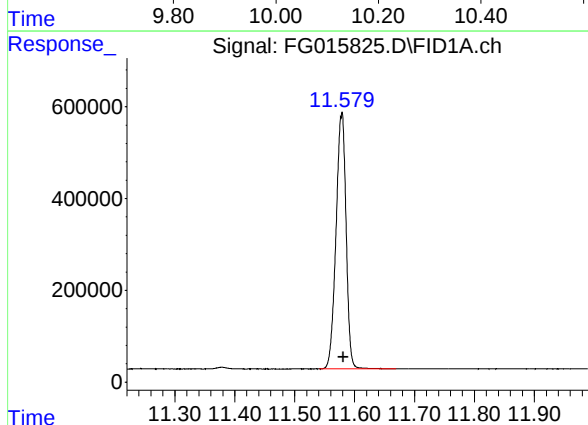
R.T.: 8.517 min
Delta R.T.: -0.004 min
Response: 6151100
Conc: 50.76 ug/ml



#5 N-HEXADECANE

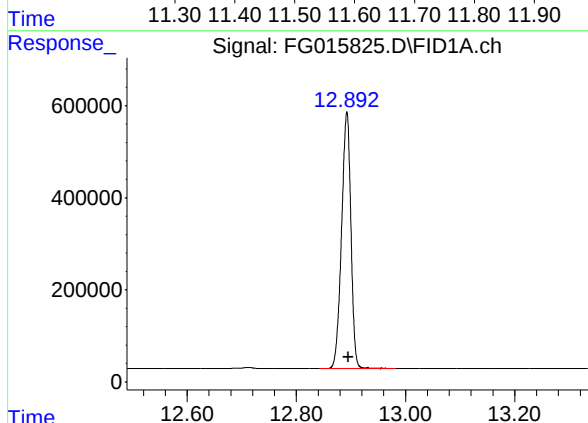
R.T.: 10.131 min
Delta R.T.: -0.004 min
Response: 6321600
Conc: 50.35 ug/ml

Instrument :
FID_G
ClientSampleId :



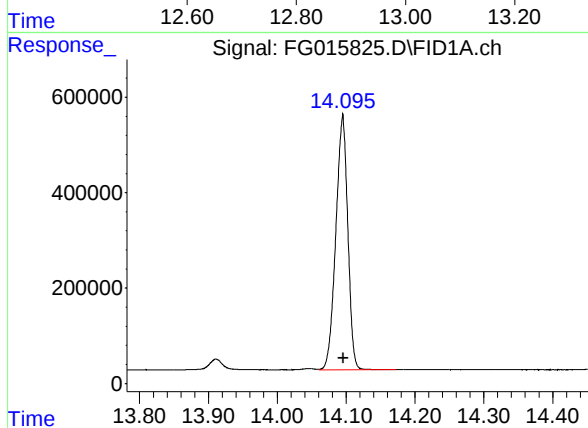
#6 N-OCTADECANE

R.T.: 11.579 min
Delta R.T.: -0.003 min
Response: 6510234
Conc: 49.68 ug/ml



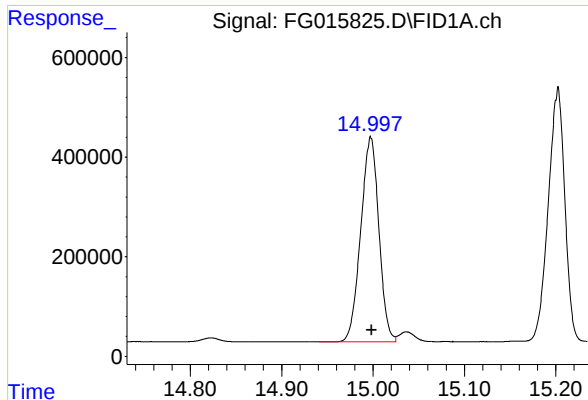
#7 N-EICOSANE

R.T.: 12.893 min
Delta R.T.: -0.002 min
Response: 6615705
Conc: 48.80 ug/ml



#8 N-DOCOSANE

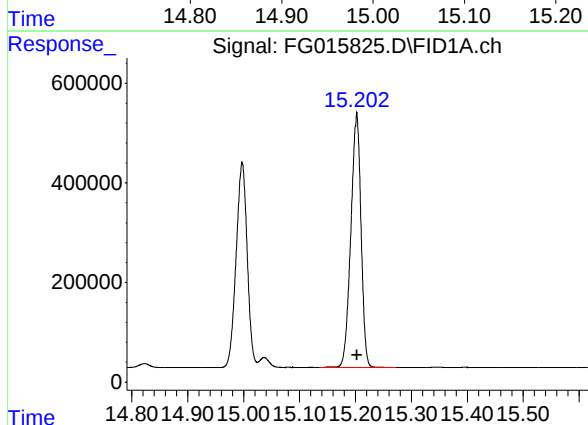
R.T.: 14.095 min
Delta R.T.: 0.000 min
Response: 6437736
Conc: 48.54 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

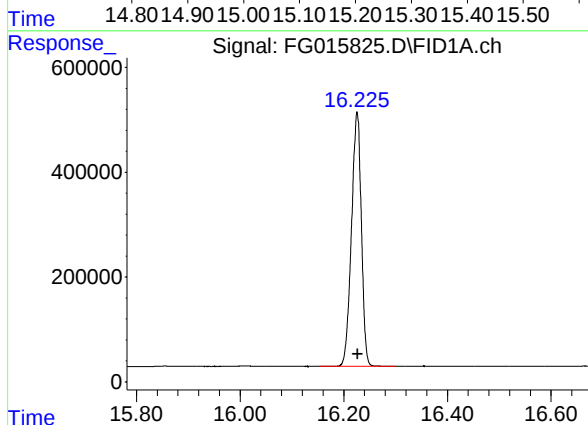
R.T.: 14.998 min
Delta R.T.: 0.000 min
Response: 5659391
Conc: 48.07 ug/ml

Instrument :
FID_G
ClientSampleId :



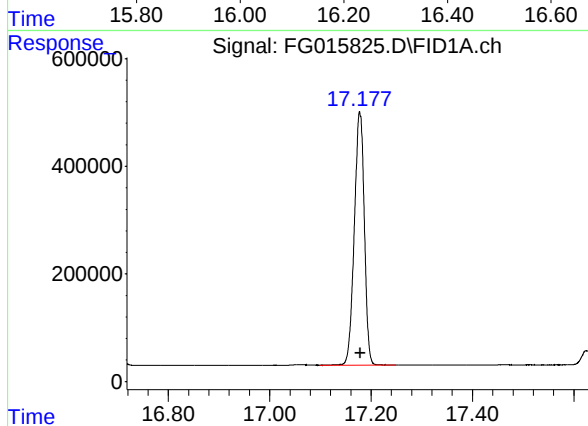
#10 N-TETRACOSANE

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 6444515
Conc: 48.50 ug/ml



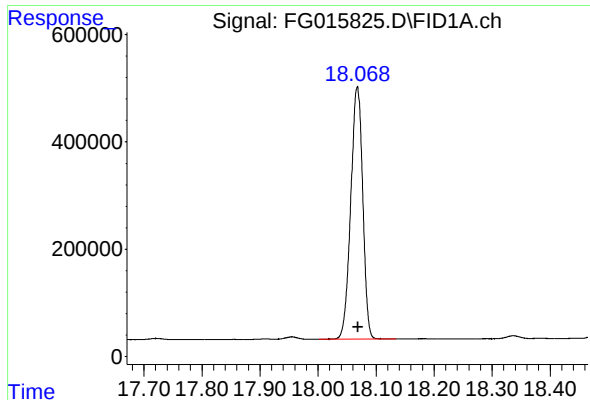
#11 N-HEXACOSANE

R.T.: 16.226 min
Delta R.T.: 0.000 min
Response: 6411471
Conc: 48.34 ug/ml



#12 N-OCTACOSANE

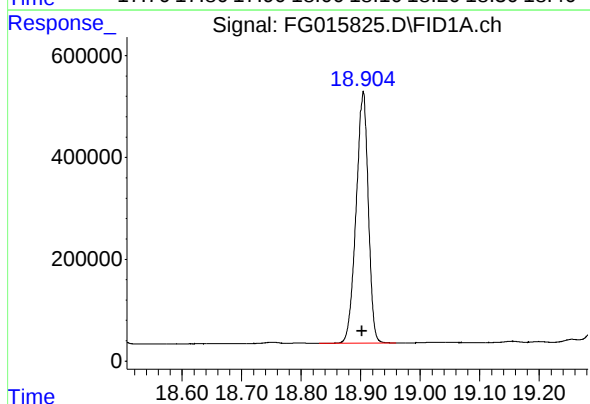
R.T.: 17.178 min
Delta R.T.: 0.000 min
Response: 6456862
Conc: 48.98 ug/ml



#13 N-TRIACONTANE

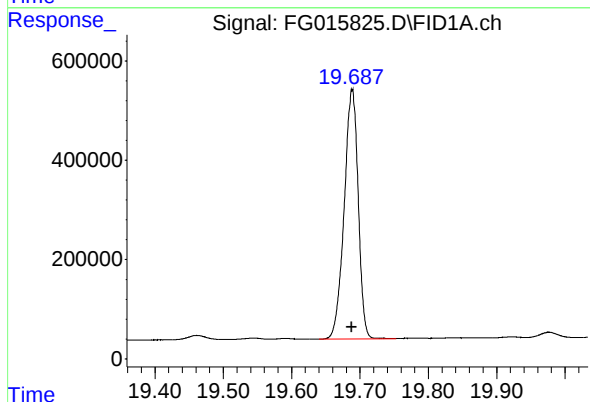
R.T.: 18.068 min
Delta R.T.: -0.002 min
Response: 6754650
Conc: 50.67 ug/ml

Instrument :
FID_G
ClientSampleId :



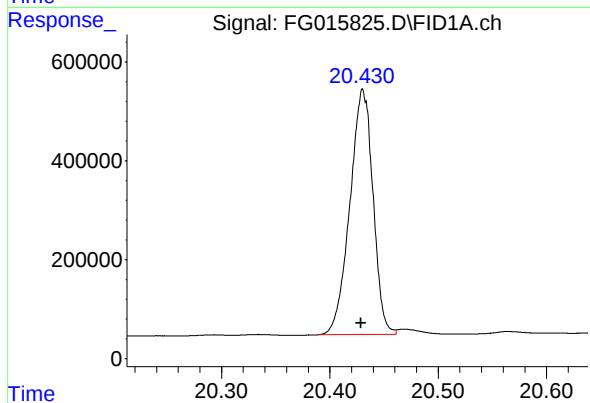
#14 N-DOTRIACONTANE

R.T.: 18.904 min
Delta R.T.: 0.002 min
Response: 7023052
Conc: 53.27 ug/ml



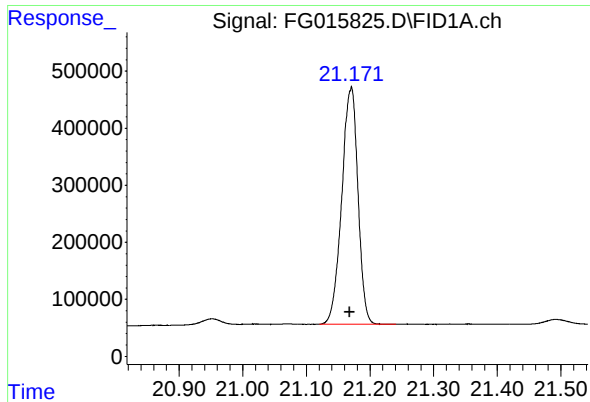
#15 N-TETRATRIACONTANE

R.T.: 19.689 min
Delta R.T.: 0.000 min
Response: 7170176
Conc: 59.29 ug/ml



#16 N-HEXATRIACONTANE

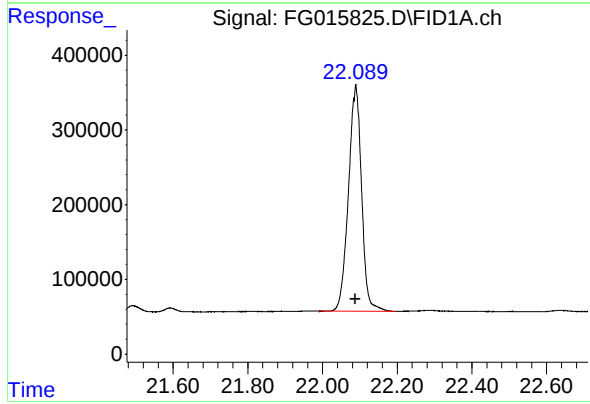
R.T.: 20.430 min
Delta R.T.: 0.002 min
Response: 7359769
Conc: 68.64 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.171 min
Delta R.T.: 0.002 min
Response: 7349851
Conc: 76.30 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.089 min
Delta R.T.: 0.002 min
Response: 7385747
Conc: 82.94 ug/ml