

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042125\
 Data File : FG015724.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2025 12:27
 Operator : YP\AJ
 Sample : PB167656BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167656BSD

Integration File: autoint1.e
 Quant Time: Apr 21 13:48:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 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...	15.004	2075894	18.120 ug/ml
Target Compounds			
1) N-OCTANE	1.976	2225455	19.147 ug/ml
2) N-DECANE	4.505	2234684	18.916 ug/ml
3) N-DODECANE	6.687	2290026	18.859 ug/ml
4) N-TETRADECANE	8.523	2341691	18.570 ug/ml
5) N-HEXADECANE	10.136	2357950	18.313 ug/ml
6) N-OCTADECANE	11.585	2400990	18.225 ug/ml
7) N-EICOSANE	12.899	2418768	18.064 ug/ml
8) N-DOCOSANE	14.101	2333756	17.959 ug/ml
10) N-TETRACOSANE	15.207	2308083	17.819 ug/ml
11) N-HEXACOSANE	16.231	2272413	17.854 ug/ml
12) N-OCTACOSANE	17.184	2231847	17.854 ug/ml
13) N-TRIACONTANE	18.073	2247075	17.951 ug/ml
14) N-DOTRIACONTANE	18.907	2125709	17.912 ug/ml
15) N-TETRATRIACONTANE	19.693	1831711	17.549 ug/ml
16) N-HEXATRIACONTANE	20.432	1462777	16.690 ug/ml
17) N-OCTATRIACONTANE	21.171	1177039	15.772 ug/ml
18) N-TETRACONTANE	22.094	908053	13.709 ug/ml

(f)=RT Delta > 1/2 Window

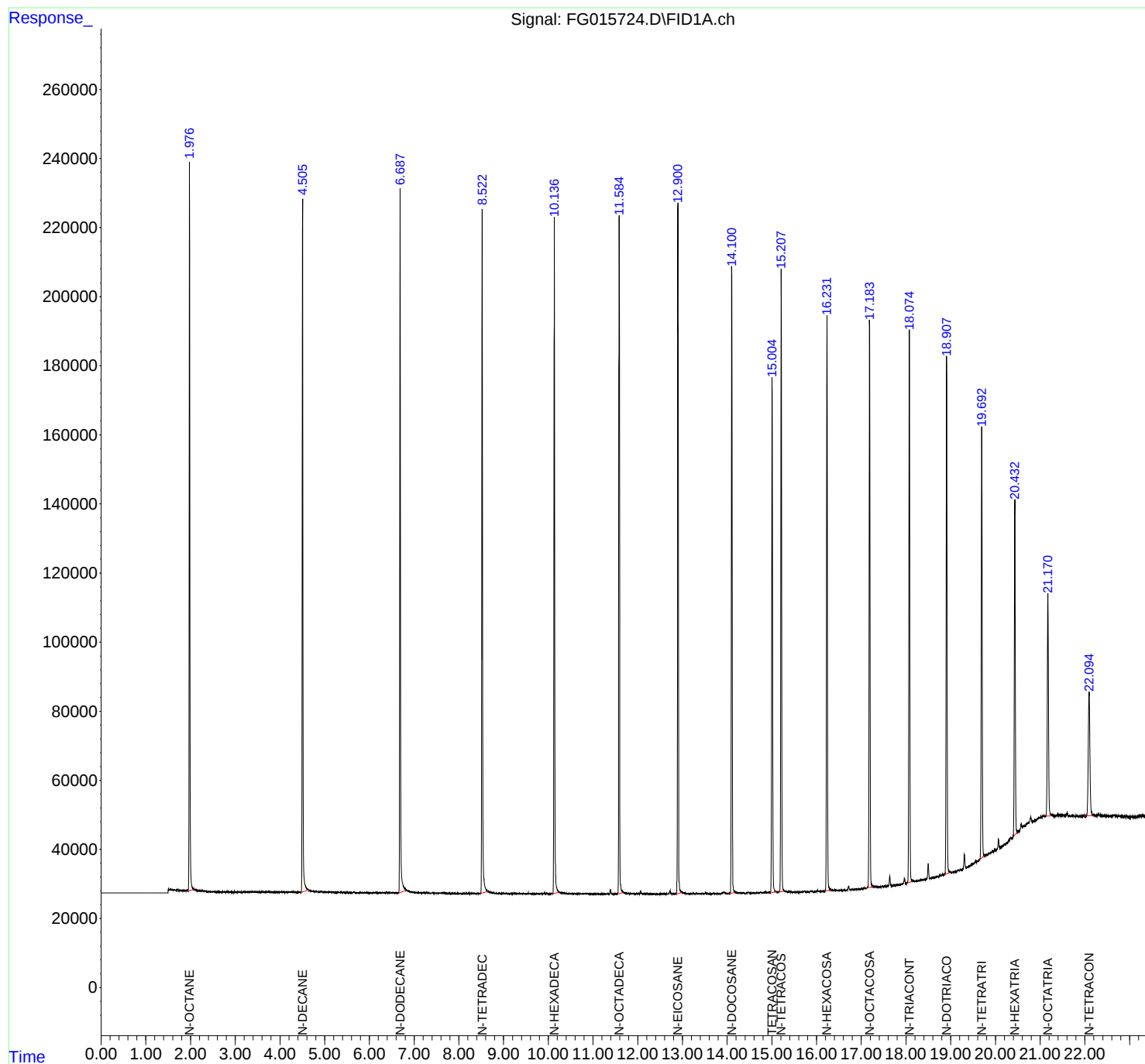
(m)=manual int.

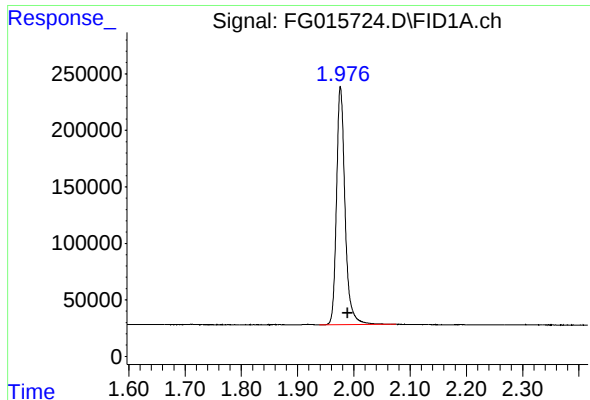
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Signal Info : 20mx0.18mmx0.18um

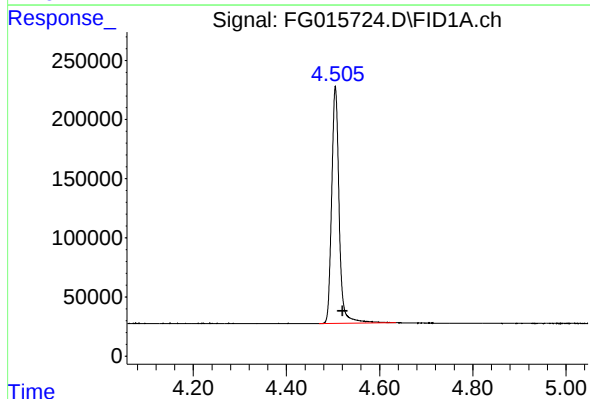




#1 N-OCTANE

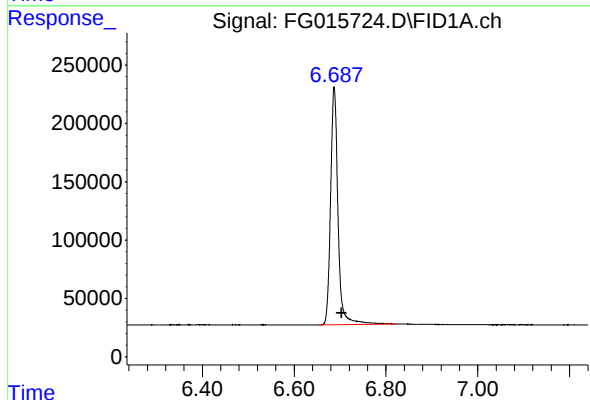
R.T.: 1.976 min
Delta R.T.: -0.013 min
Response: 2225455
Conc: 19.15 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167656BSD



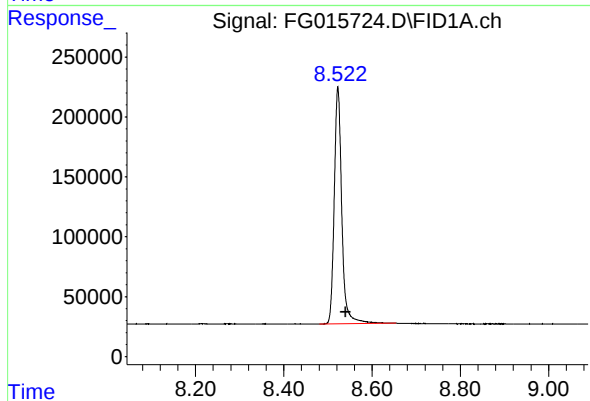
#2 N-DECANE

R.T.: 4.505 min
Delta R.T.: -0.016 min
Response: 2234684
Conc: 18.92 ug/ml



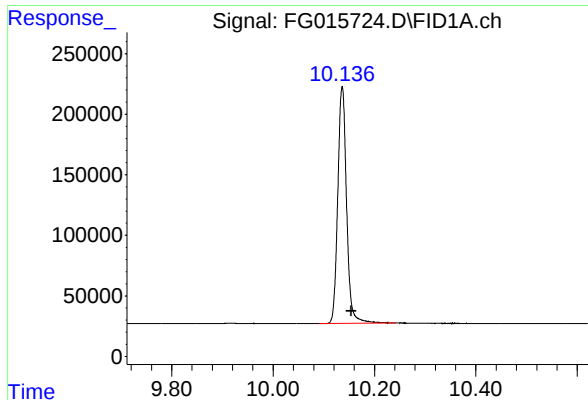
#3 N-DODECANE

R.T.: 6.687 min
Delta R.T.: -0.017 min
Response: 2290026
Conc: 18.86 ug/ml



#4 N-TETRADECANE

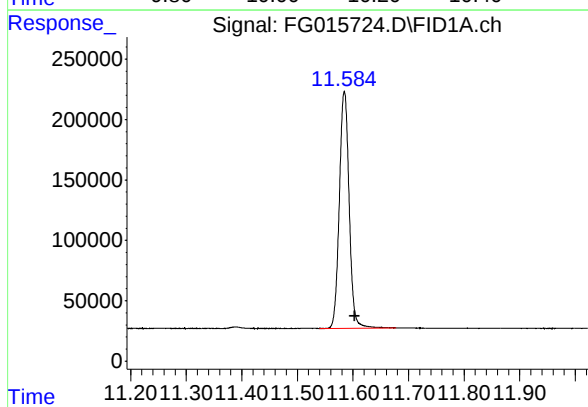
R.T.: 8.523 min
Delta R.T.: -0.017 min
Response: 2341691
Conc: 18.57 ug/ml



#5 N-HEXADECANE

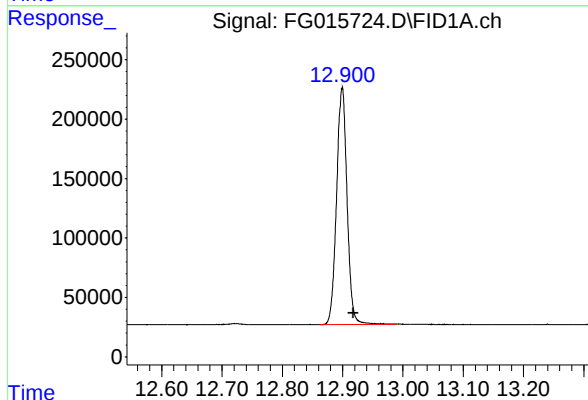
R.T.: 10.136 min
Delta R.T.: -0.018 min
Response: 2357950
Conc: 18.31 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167656BSD



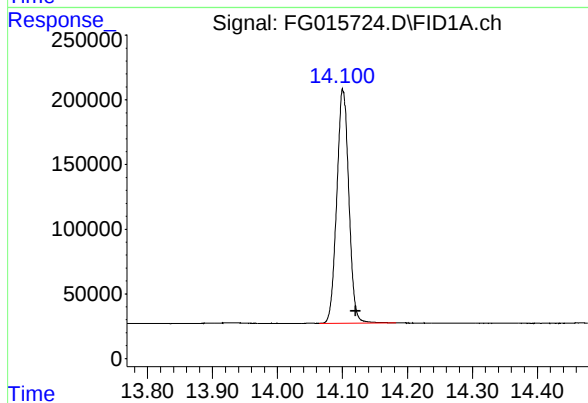
#6 N-OCTADECANE

R.T.: 11.585 min
Delta R.T.: -0.018 min
Response: 2400990
Conc: 18.23 ug/ml



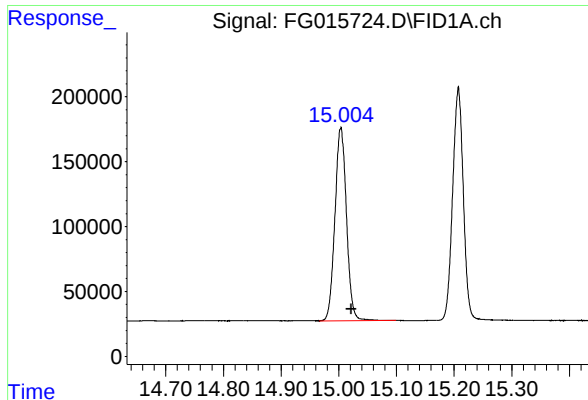
#7 N-EICOSANE

R.T.: 12.899 min
Delta R.T.: -0.018 min
Response: 2418768
Conc: 18.06 ug/ml



#8 N-DOCOSANE

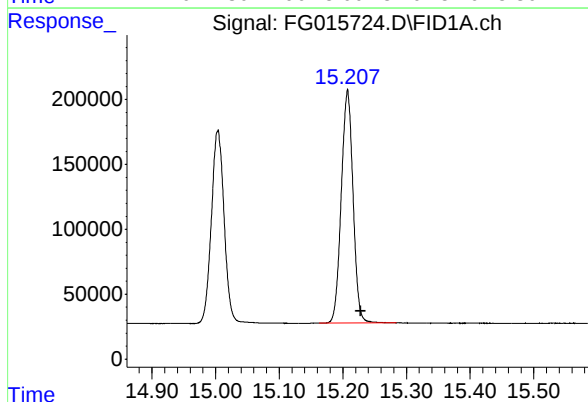
R.T.: 14.101 min
Delta R.T.: -0.020 min
Response: 2333756
Conc: 17.96 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

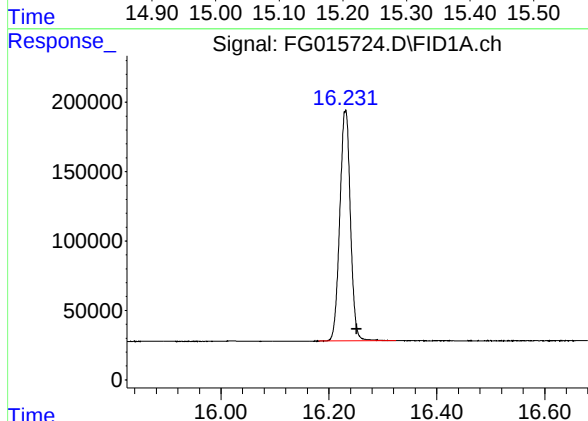
R.T.: 15.004 min
Delta R.T.: -0.019 min
Response: 2075894
Conc: 18.12 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167656BSD



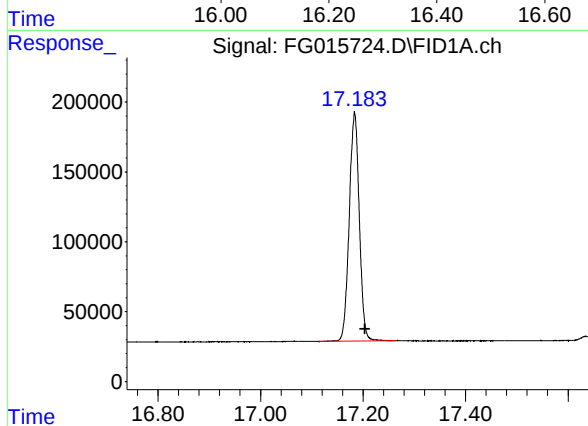
#10 N-TETRACOSANE

R.T.: 15.207 min
Delta R.T.: -0.020 min
Response: 2308083
Conc: 17.82 ug/ml



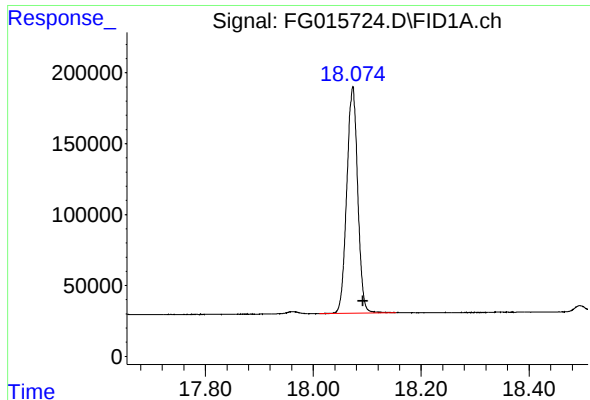
#11 N-HEXACOSANE

R.T.: 16.231 min
Delta R.T.: -0.021 min
Response: 2272413
Conc: 17.85 ug/ml



#12 N-OCTACOSANE

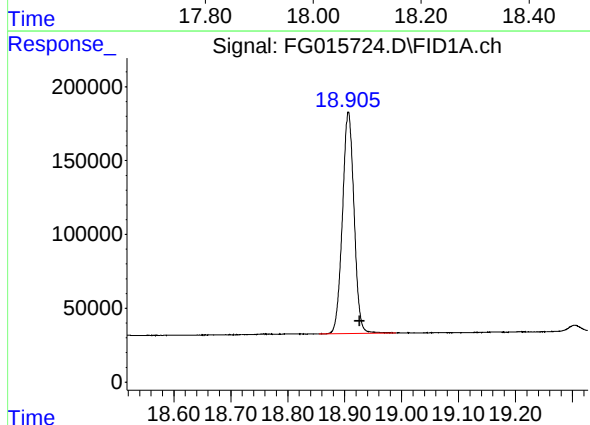
R.T.: 17.184 min
Delta R.T.: -0.020 min
Response: 2231847
Conc: 17.85 ug/ml



#13 N-TRIACONTANE

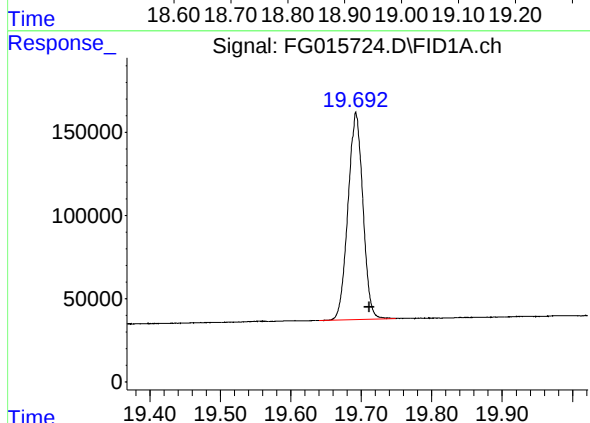
R.T.: 18.073 min
Delta R.T.: -0.019 min
Response: 2247075
Conc: 17.95 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167656BSD



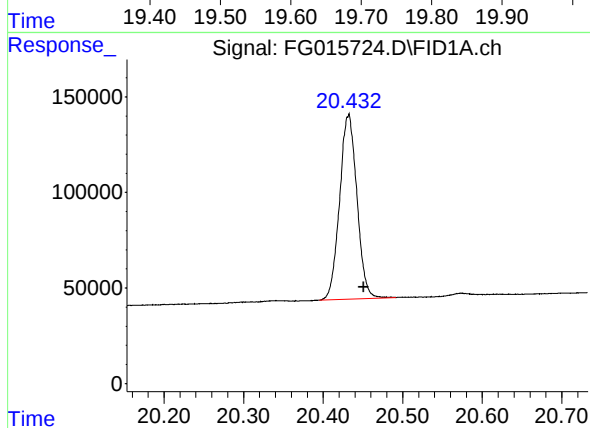
#14 N-DOTRIACONTANE

R.T.: 18.907 min
Delta R.T.: -0.020 min
Response: 2125709
Conc: 17.91 ug/ml



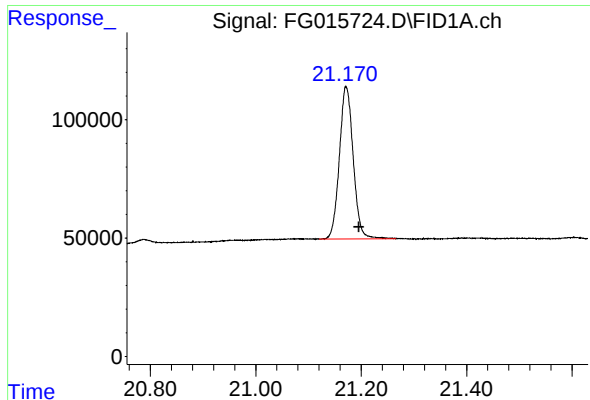
#15 N-TETRATRIACONTANE

R.T.: 19.693 min
Delta R.T.: -0.019 min
Response: 1831711
Conc: 17.55 ug/ml



#16 N-HEXATRIACONTANE

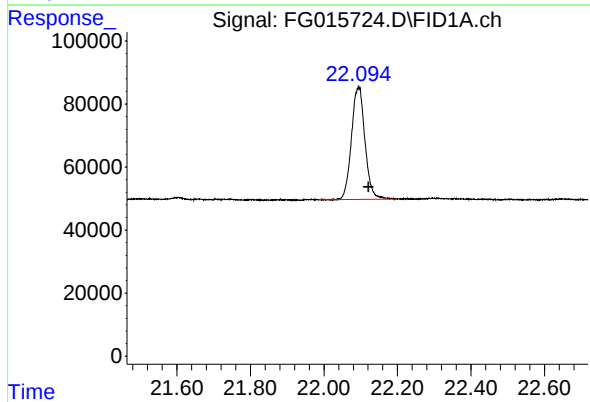
R.T.: 20.432 min
Delta R.T.: -0.019 min
Response: 1462777
Conc: 16.69 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.171 min
Delta R.T.: -0.025 min
Response: 1177039
Conc: 15.77 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167656BSD



#18 N-TETRACONTANE

R.T.: 22.094 min
Delta R.T.: -0.028 min
Response: 908053
Conc: 13.71 ug/ml