

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051325\
 Data File : FG015829.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 18:50
 Operator : YP\AJ
 Sample : Q1956-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 03:56:16 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...	14.993	1406410	11.945 ug/ml
Target Compounds			
1) N-OCTANE	1.971	1602437	14.219 ug/ml
2) N-DECANE	4.496	1863836	16.741 ug/ml
3) N-DODECANE	6.678	2046373	17.856 ug/ml
4) N-TETRADECANE	8.514	2131192	17.588 ug/ml
5) N-HEXADECANE	10.127	2361126	18.807 ug/ml
6) N-OCTADECANE	11.576	2465513	18.813 ug/ml
7) N-EICOSANE	12.890	2438874	17.989 ug/ml
8) N-DOCOSANE	14.092	2427066	18.300 ug/ml
10) N-TETRACOSANE	15.198	2459726	18.510 ug/ml
11) N-HEXACOSANE	16.222	2413835	18.201 ug/ml
12) N-OCTACOSANE	17.175	2403412	18.231 ug/ml
13) N-TRIACONTANE	18.064	2369159	17.771 ug/ml
14) N-DOTRIACONTANE	18.898	2042077	15.491 ug/ml
15) N-TETRATRIACONTANE	19.683	1187601	9.820 ug/ml
16) N-HEXATRIACONTANE	20.424	742785	6.928 ug/ml
17) N-OCTATRIACONTANE	21.163	605208	6.283 ug/ml
18) N-TETRACONTANE	22.078	578246	6.494 ug/ml

(f)=RT Delta > 1/2 Window

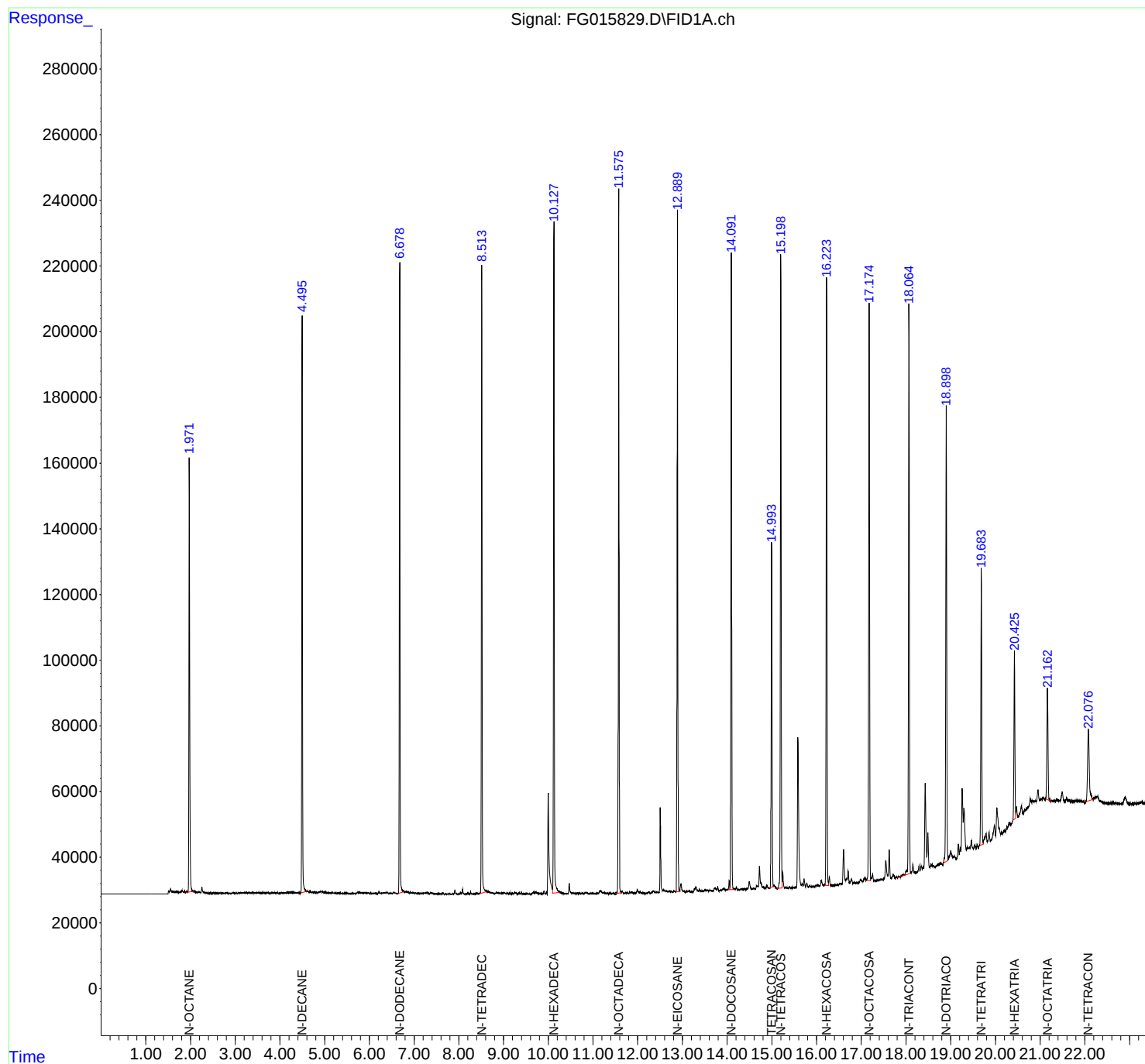
(m)=manual int.

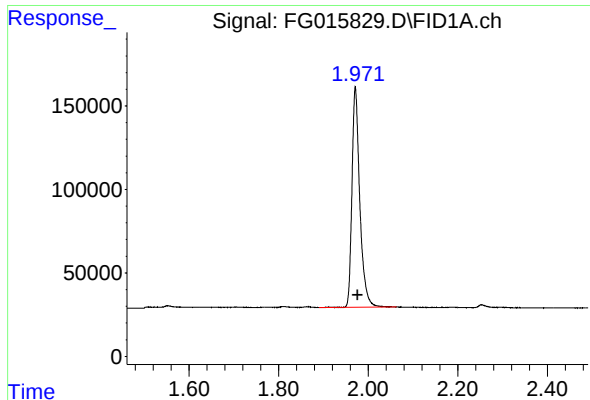
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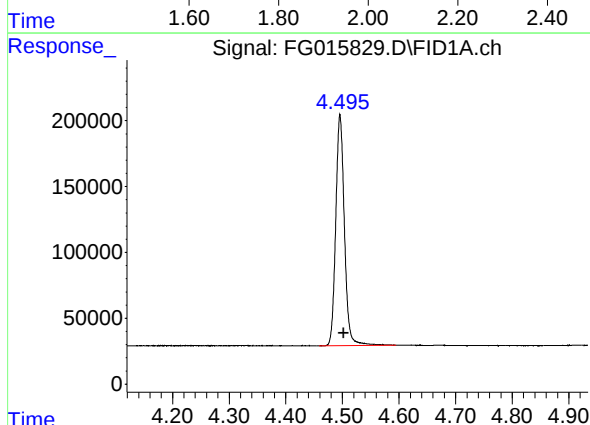




#1 N-OCTANE

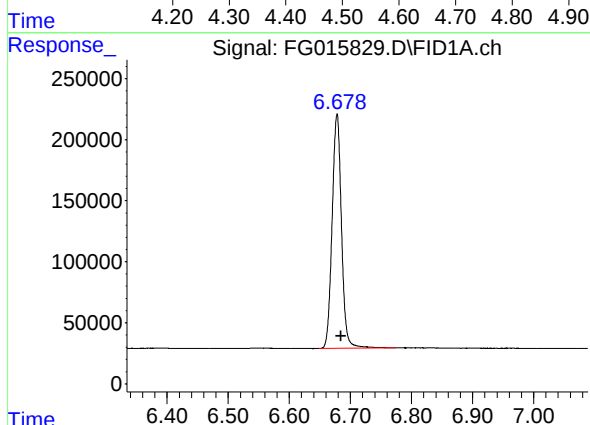
R.T.: 1.971 min
Delta R.T.: -0.006 min
Response: 1602437
Conc: 14.22 ug/ml

Instrument :
FID_G
ClientSampleId :



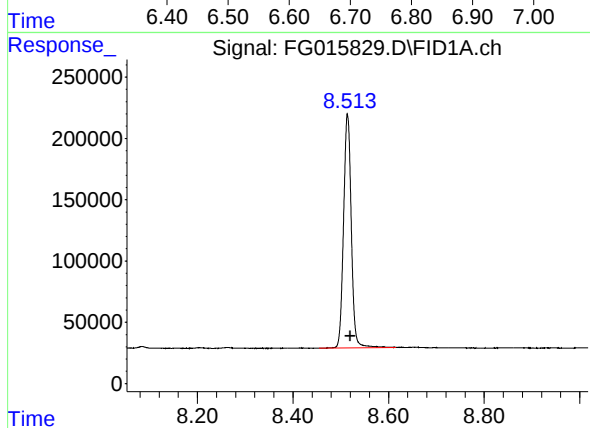
#2 N-DECANE

R.T.: 4.496 min
Delta R.T.: -0.007 min
Response: 1863836
Conc: 16.74 ug/ml



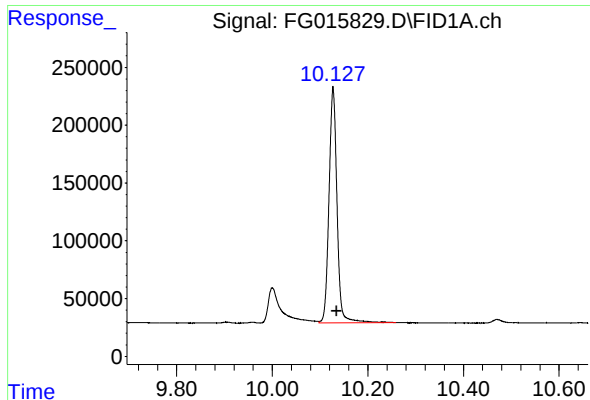
#3 N-DODECANE

R.T.: 6.678 min
Delta R.T.: -0.006 min
Response: 2046373
Conc: 17.86 ug/ml



#4 N-TETRADECANE

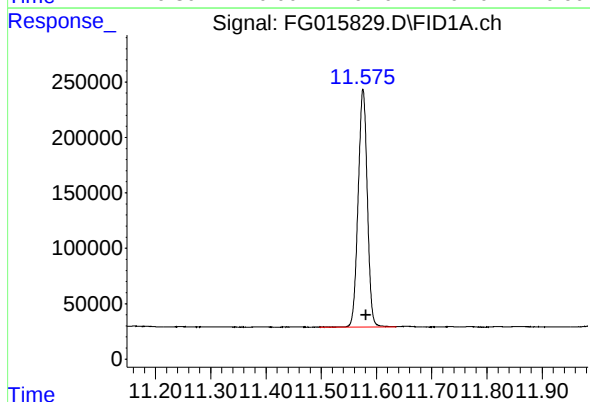
R.T.: 8.514 min
Delta R.T.: -0.006 min
Response: 2131192
Conc: 17.59 ug/ml



#5 N-HEXADECANE

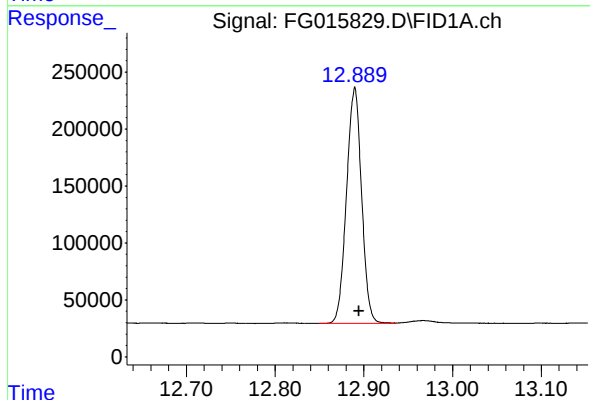
R.T.: 10.127 min
Delta R.T.: -0.007 min
Response: 2361126
Conc: 18.81 ug/ml

Instrument :
FID_G
ClientSampleId :



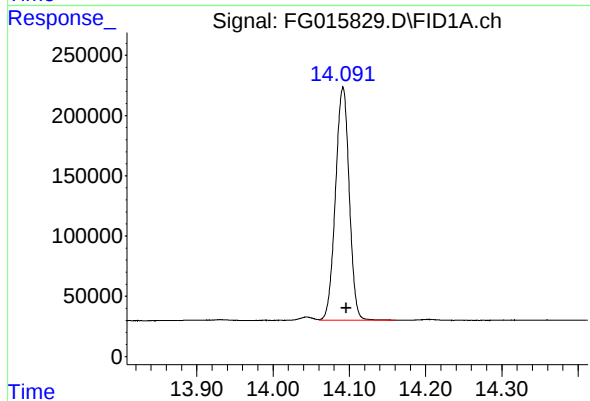
#6 N-OCTADECANE

R.T.: 11.576 min
Delta R.T.: -0.006 min
Response: 2465513
Conc: 18.81 ug/ml



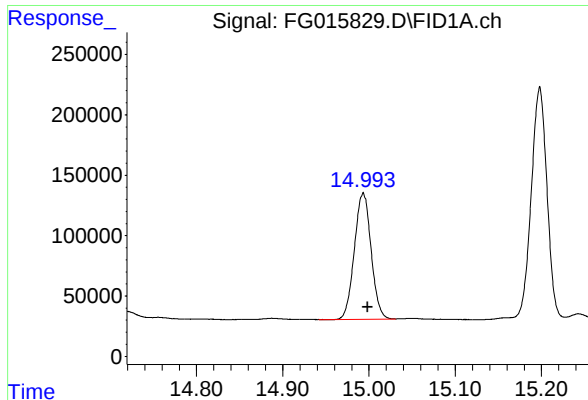
#7 N-EICOSANE

R.T.: 12.890 min
Delta R.T.: -0.005 min
Response: 2438874
Conc: 17.99 ug/ml



#8 N-DOCOSANE

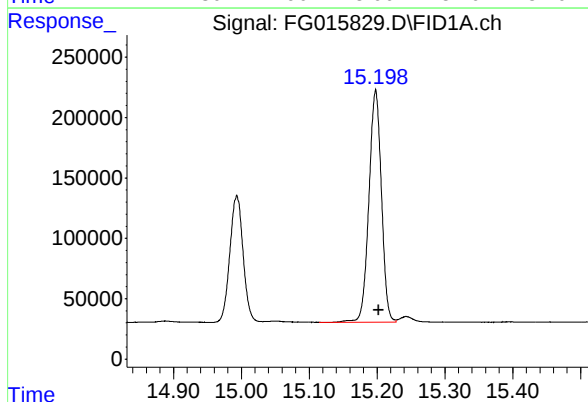
R.T.: 14.092 min
Delta R.T.: -0.004 min
Response: 2427066
Conc: 18.30 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

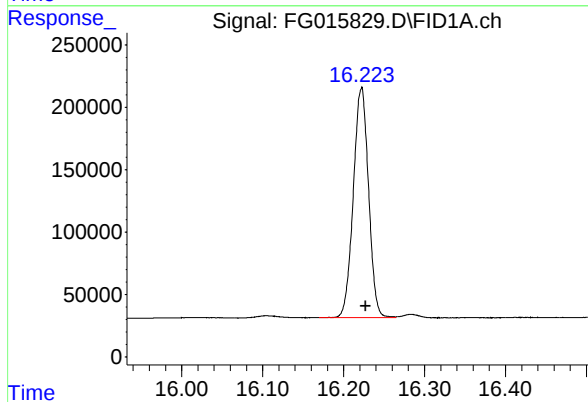
R.T.: 14.993 min
Delta R.T.: -0.005 min
Response: 1406410
Conc: 11.95 ug/ml

Instrument :
FID_G
ClientSampleId :



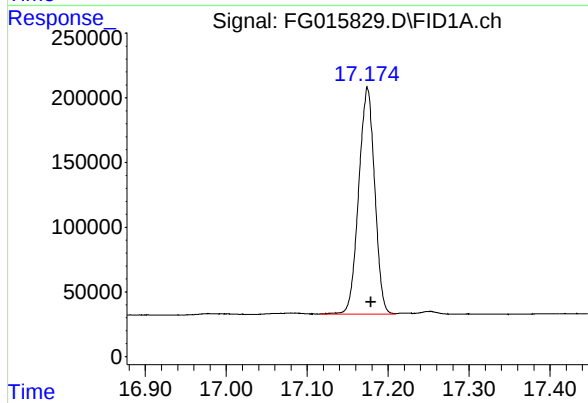
#10 N-TETRACOSANE

R.T.: 15.198 min
Delta R.T.: -0.004 min
Response: 2459726
Conc: 18.51 ug/ml



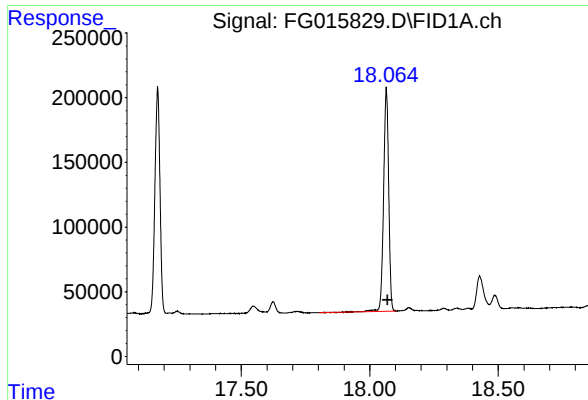
#11 N-HEXACOSANE

R.T.: 16.222 min
Delta R.T.: -0.005 min
Response: 2413835
Conc: 18.20 ug/ml



#12 N-OCTACOSANE

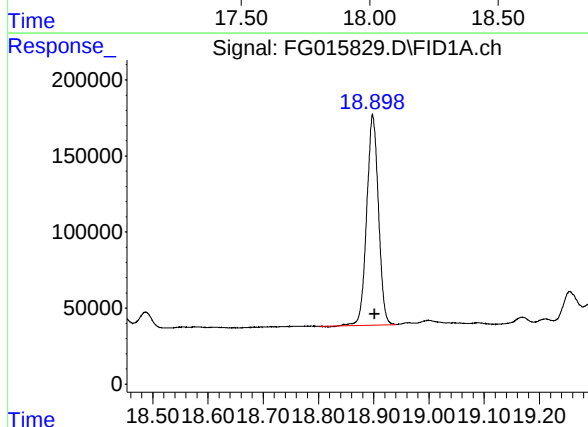
R.T.: 17.175 min
Delta R.T.: -0.004 min
Response: 2403412
Conc: 18.23 ug/ml



#13 N-TRIACONTANE

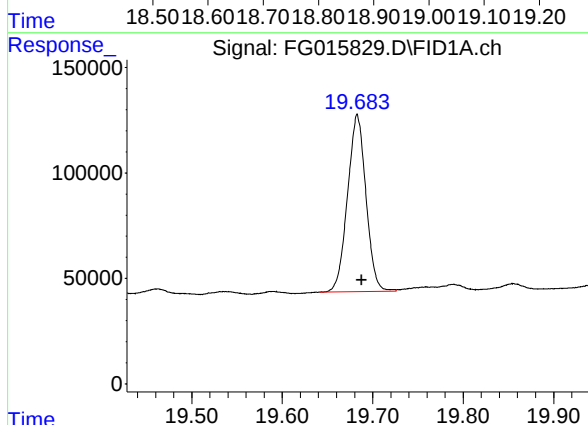
R.T.: 18.064 min
Delta R.T.: -0.005 min
Response: 2369159
Conc: 17.77 ug/ml

Instrument :
FID_G
ClientSampleId :



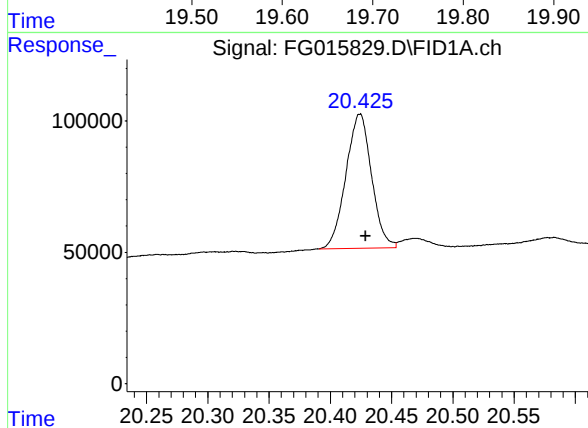
#14 N-DOTRIACONTANE

R.T.: 18.898 min
Delta R.T.: -0.004 min
Response: 2042077
Conc: 15.49 ug/ml



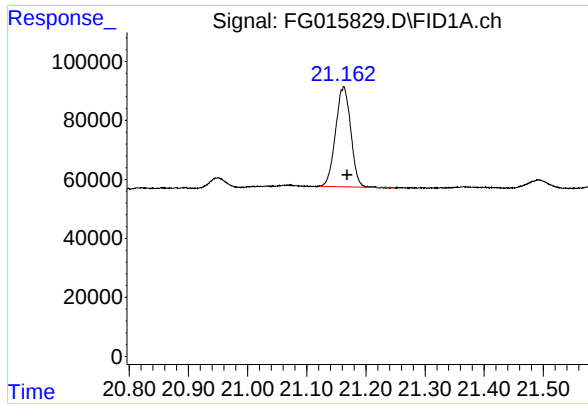
#15 N-TETRATRIACONTANE

R.T.: 19.683 min
Delta R.T.: -0.005 min
Response: 1187601
Conc: 9.82 ug/ml



#16 N-HEXATRIACONTANE

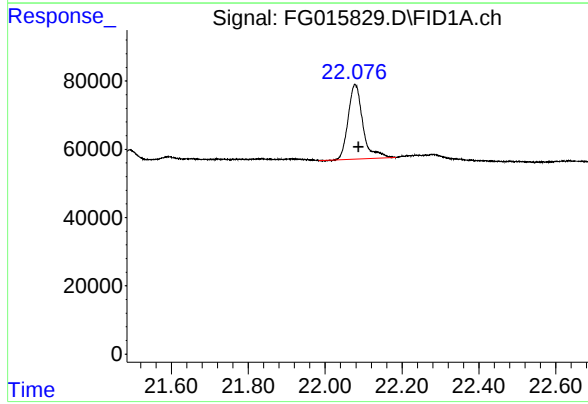
R.T.: 20.424 min
Delta R.T.: -0.005 min
Response: 742785
Conc: 6.93 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.163 min
Delta R.T.: -0.006 min
Response: 605208
Conc: 6.28 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.078 min
Delta R.T.: -0.010 min
Response: 578246
Conc: 6.49 ug/ml