

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051325\
 Data File : FG015828.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 18:21
 Operator : YP\AJ
 Sample : Q1956-03MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 03:56:05 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...	14.994	1370551	11.641 ug/ml
Target Compounds			
1) N-OCTANE	1.973	1655457	14.690 ug/ml
2) N-DECANE	4.496	1904045	17.102 ug/ml
3) N-DODECANE	6.678	2060041	17.976 ug/ml
4) N-TETRADECANE	8.514	2111814	17.428 ug/ml
5) N-HEXADECANE	10.127	2317576	18.460 ug/ml
6) N-OCTADECANE	11.576	2409191	18.383 ug/ml
7) N-EICOSANE	12.890	2381127	17.563 ug/ml
8) N-DOCOSANE	14.092	2362384	17.812 ug/ml
10) N-TETRACOSANE	15.199	2393119	18.009 ug/ml
11) N-HEXACOSANE	16.223	2350398	17.723 ug/ml
12) N-OCTACOSANE	17.175	2353664	17.853 ug/ml
13) N-TRIACONTANE	18.065	2292140	17.193 ug/ml
14) N-DOTRIACONTANE	18.898	1952238	14.809 ug/ml
15) N-TETRATRIACONTANE	19.683	1145817	9.475 ug/ml
16) N-HEXATRIACONTANE	20.422	707374	6.598 ug/ml
17) N-OCTATRIACONTANE	21.163	581787	6.040 ug/ml
18) N-TETRACONTANE	22.075	506662	5.690 ug/ml

(f)=RT Delta > 1/2 Window

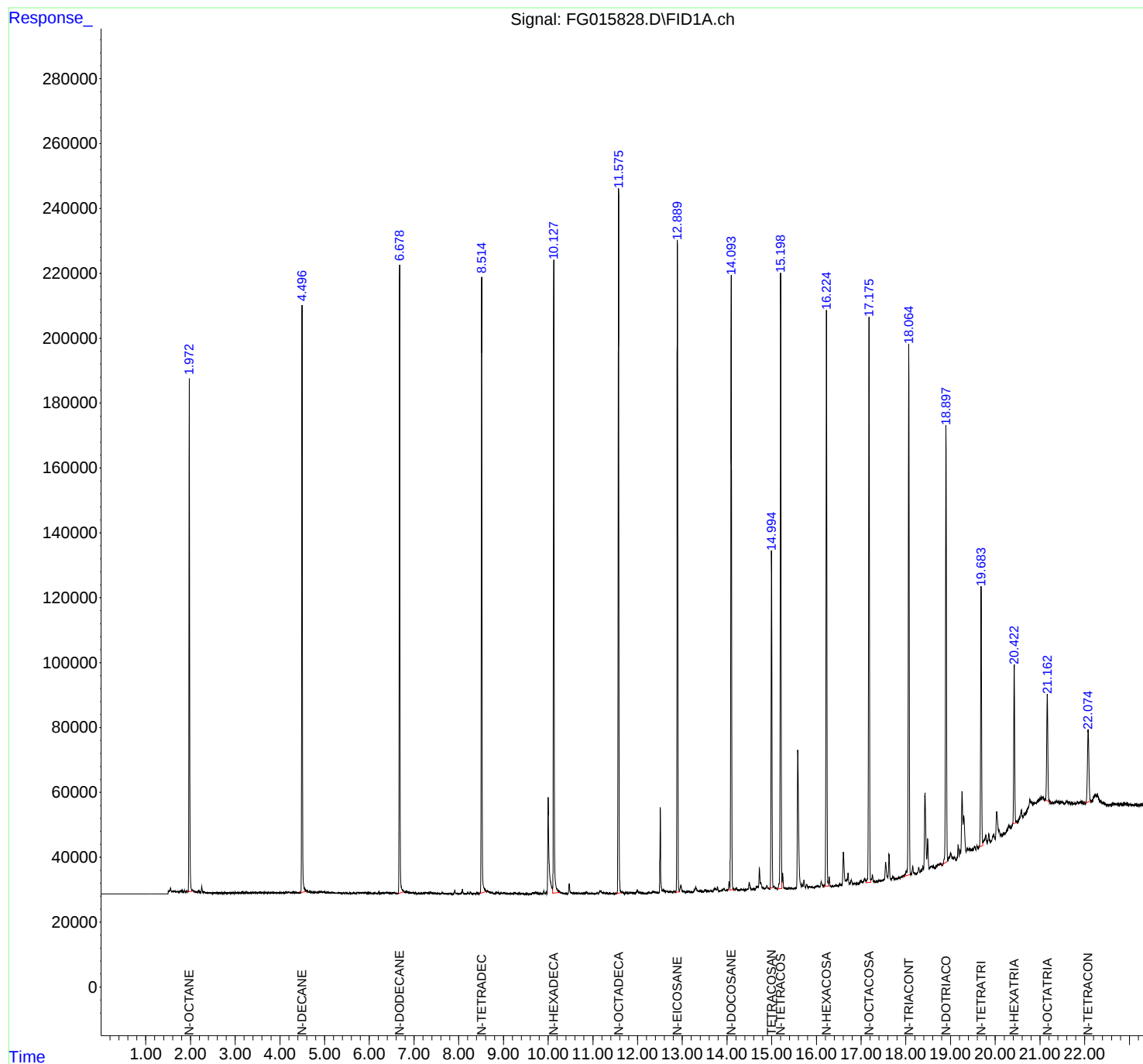
(m)=manual int.

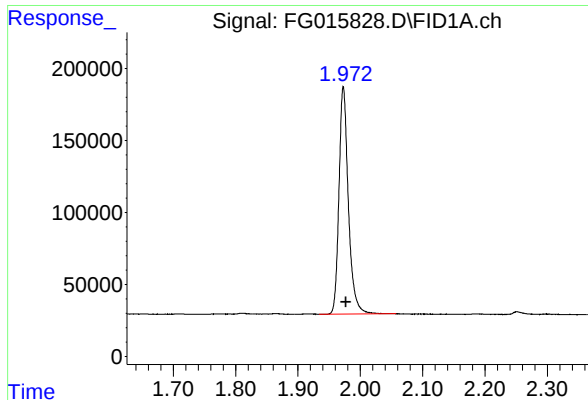
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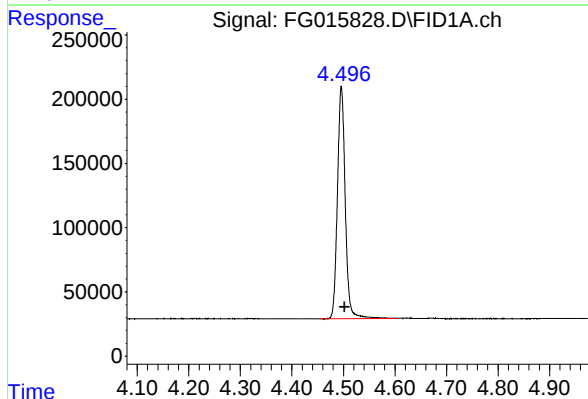




#1 N-OCTANE

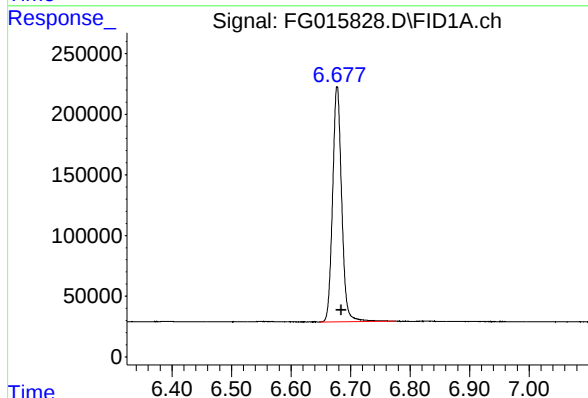
R.T.: 1.973 min
Delta R.T.: -0.004 min
Response: 1655457
Conc: 14.69 ug/ml

Instrument :
FID_G
ClientSampleId :



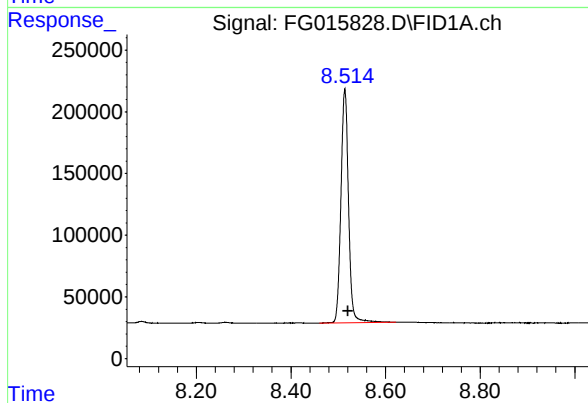
#2 N-DECANE

R.T.: 4.496 min
Delta R.T.: -0.006 min
Response: 1904045
Conc: 17.10 ug/ml



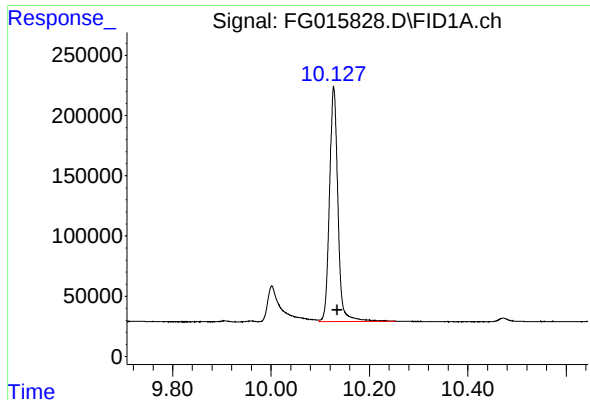
#3 N-DODECANE

R.T.: 6.678 min
Delta R.T.: -0.007 min
Response: 2060041
Conc: 17.98 ug/ml



#4 N-TETRADECANE

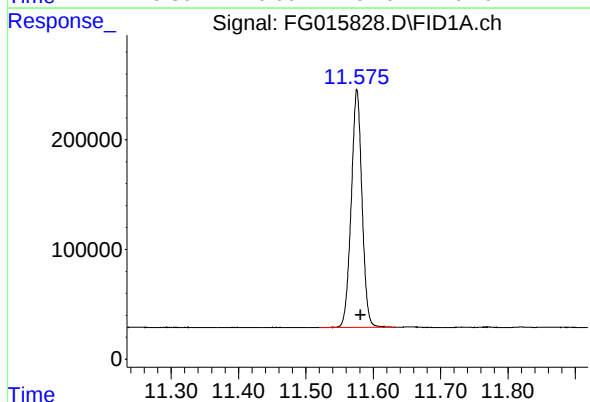
R.T.: 8.514 min
Delta R.T.: -0.006 min
Response: 2111814
Conc: 17.43 ug/ml



#5 N-HEXADECANE

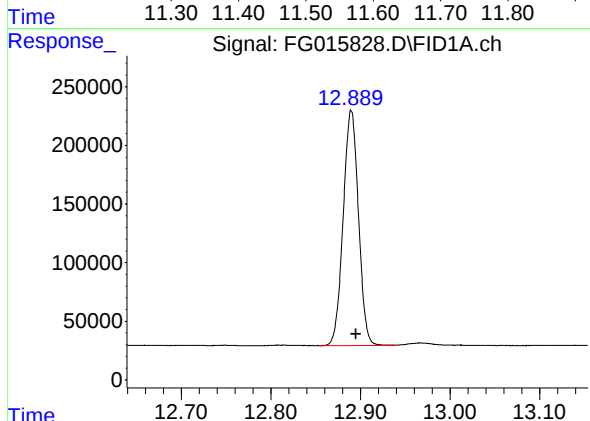
R.T.: 10.127 min
Delta R.T.: -0.007 min
Response: 2317576
Conc: 18.46 ug/ml

Instrument :
FID_G
ClientSampleId :



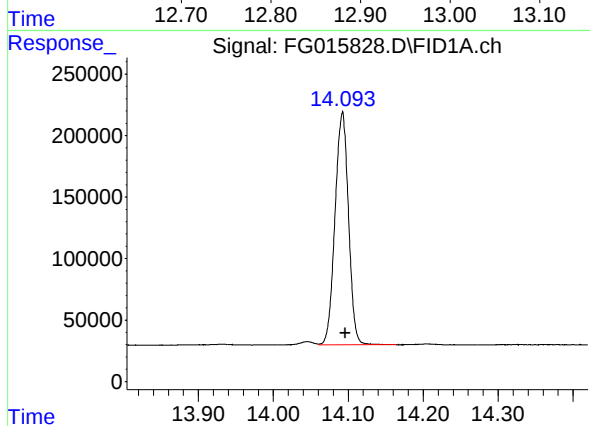
#6 N-OCTADECANE

R.T.: 11.576 min
Delta R.T.: -0.006 min
Response: 2409191
Conc: 18.38 ug/ml



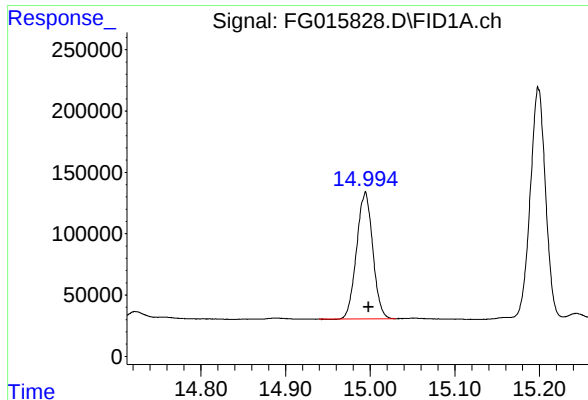
#7 N-EICOSANE

R.T.: 12.890 min
Delta R.T.: -0.005 min
Response: 2381127
Conc: 17.56 ug/ml



#8 N-DOCOSANE

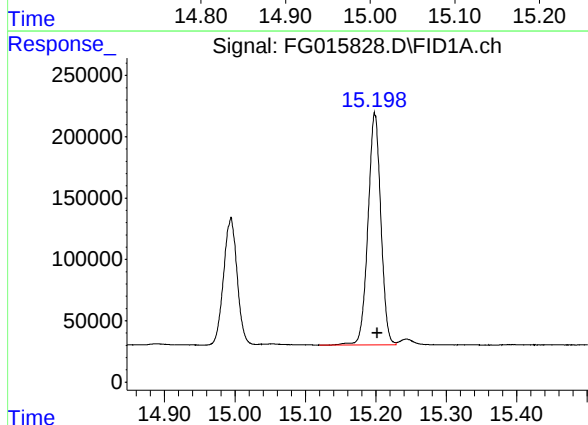
R.T.: 14.092 min
Delta R.T.: -0.004 min
Response: 2362384
Conc: 17.81 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

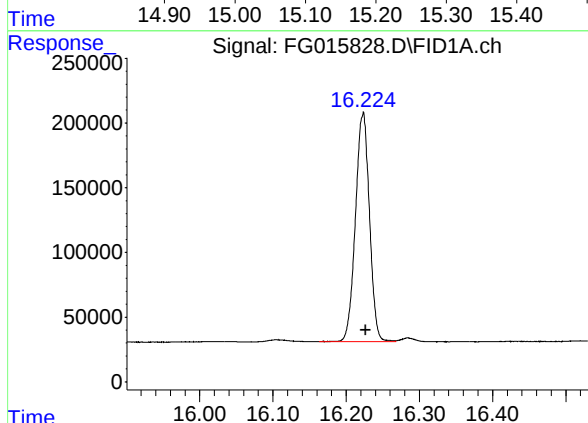
R.T.: 14.994 min
Delta R.T.: -0.004 min
Response: 1370551
Conc: 11.64 ug/ml

Instrument :
FID_G
ClientSampleId :



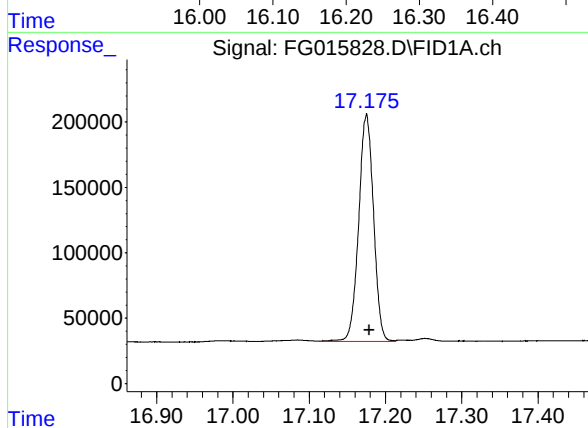
#10 N-TETRACOSANE

R.T.: 15.199 min
Delta R.T.: -0.004 min
Response: 2393119
Conc: 18.01 ug/ml



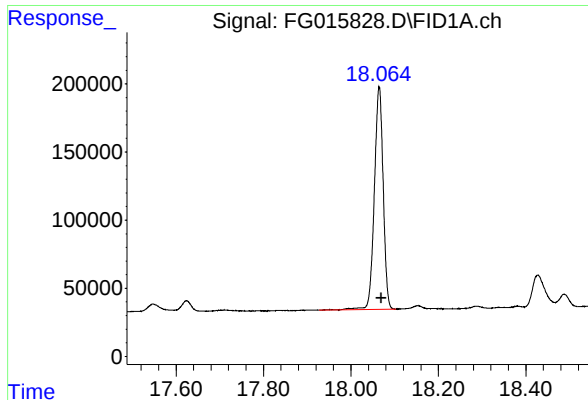
#11 N-HEXACOSANE

R.T.: 16.223 min
Delta R.T.: -0.004 min
Response: 2350398
Conc: 17.72 ug/ml



#12 N-OCTACOSANE

R.T.: 17.175 min
Delta R.T.: -0.004 min
Response: 2353664
Conc: 17.85 ug/ml



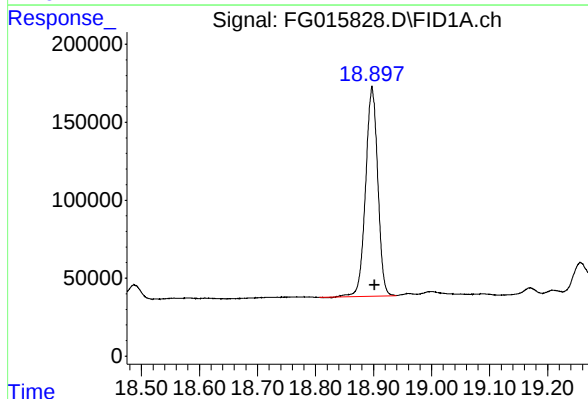
#13 N-TRIACONTANE

R.T.: 18.065 min
Delta R.T.: -0.005 min
Response: 2292140
Conc: 17.19 ug/ml

Instrument :

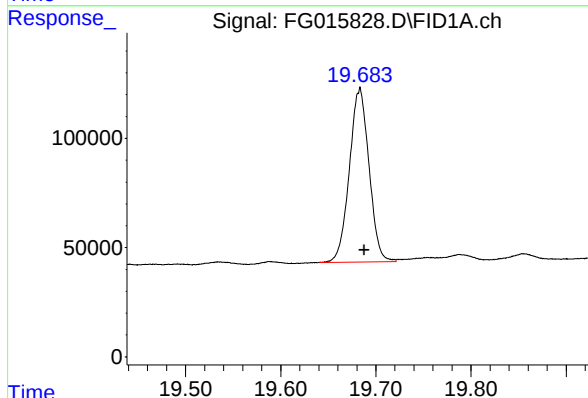
FID_G

ClientSampleId :



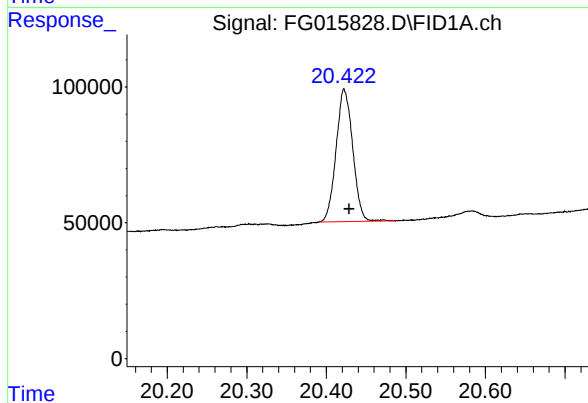
#14 N-DOTRIACONTANE

R.T.: 18.898 min
Delta R.T.: -0.005 min
Response: 1952238
Conc: 14.81 ug/ml



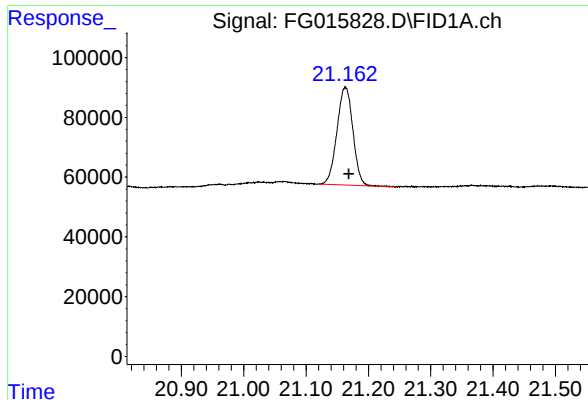
#15 N-TETRATRIACONTANE

R.T.: 19.683 min
Delta R.T.: -0.005 min
Response: 1145817
Conc: 9.47 ug/ml



#16 N-HEXATRIACONTANE

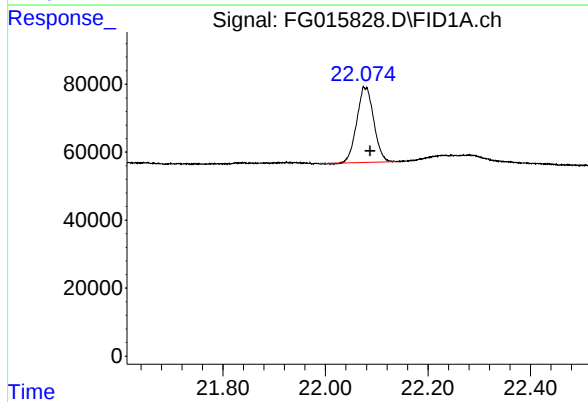
R.T.: 20.422 min
Delta R.T.: -0.006 min
Response: 707374
Conc: 6.60 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.163 min
Delta R.T.: -0.005 min
Response: 581787
Conc: 6.04 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.075 min
Delta R.T.: -0.013 min
Response: 506662
Conc: 5.69 ug/ml