

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051325\
 Data File : FG015822.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 14:38
 Operator : YP\AJ
 Sample : Q1872-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 03:55:05 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...	14.996	1388908	11.797 ug/ml
Target Compounds			
1) N-OCTANE	1.978	202500	1.797 ug/ml
2) N-DECANE	4.496	2733590	24.553 ug/ml
3) N-DODECANE	6.679	4998192	43.614 ug/ml
4) N-TETRADECANE	8.518	6784019	55.986 ug/ml
5) N-HEXADECANE	10.133	7831170	62.379 ug/ml
6) N-OCTADECANE	11.581	7605652	58.035 ug/ml
7) N-EICOSANE	12.894	4097117	30.220 ug/ml
8) N-DOCOSANE	14.094	1493191	11.258 ug/ml
10) N-TETRACOSANE	15.199	439824	3.310 ug/ml
11) N-HEXACOSANE	16.224	100469	0.758 ug/ml
12) N-OCTACOSANE	17.176	99761	0.757 ug/ml
13) N-TRIACONTANE	18.065	82704	0.620 ug/ml
14) N-DOTRIACONTANE	18.893	339543	2.576 ug/ml
15) N-TETRATRIACONTANE	19.689	75244	0.622 ug/ml
16) N-HEXATRIACONTANE	20.474	49295	0.460 ug/ml
17) N-OCTATRIACONTANE	21.155	66776	0.693 ug/ml
18) N-TETRACONTANE	22.131	114052	1.281 ug/ml

(f)=RT Delta > 1/2 Window

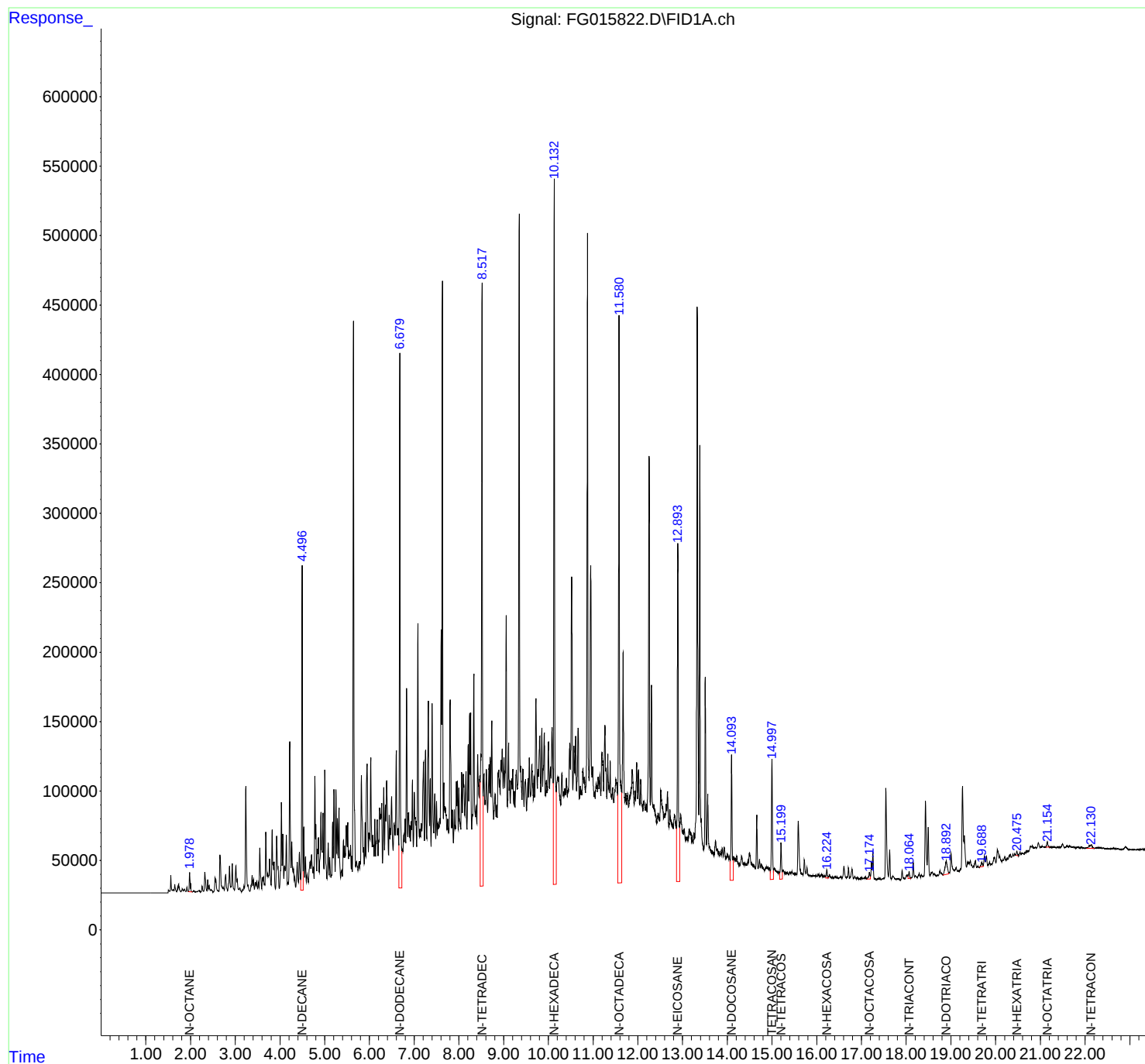
(m)=manual int.

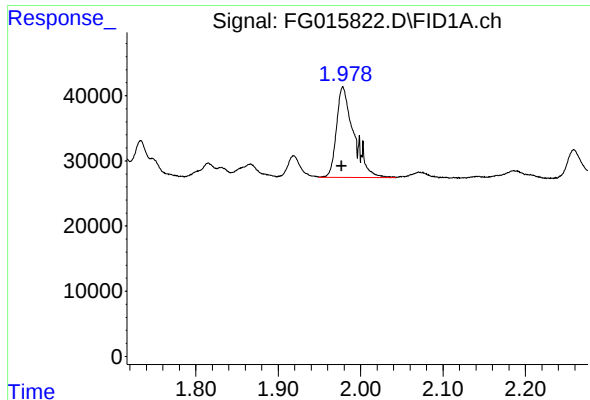
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Signal Info : 20mx0.18mmx0.18um

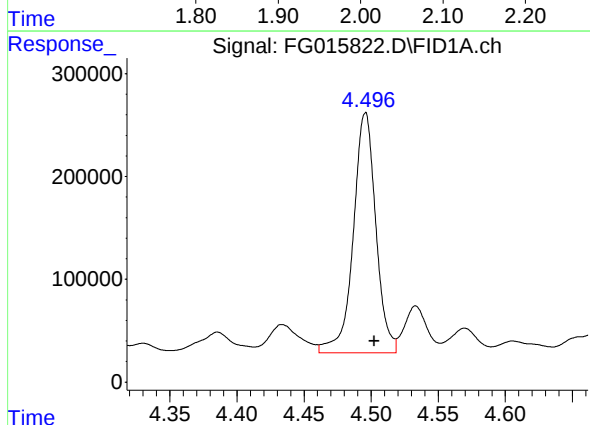




#1 N-OCTANE

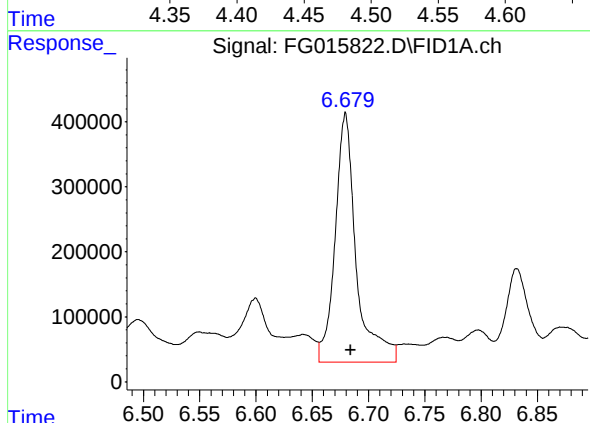
R.T.: 1.978 min
Delta R.T.: 0.001 min
Response: 202500
Conc: 1.80 ug/ml

Instrument :
FID_G
ClientSampleId :



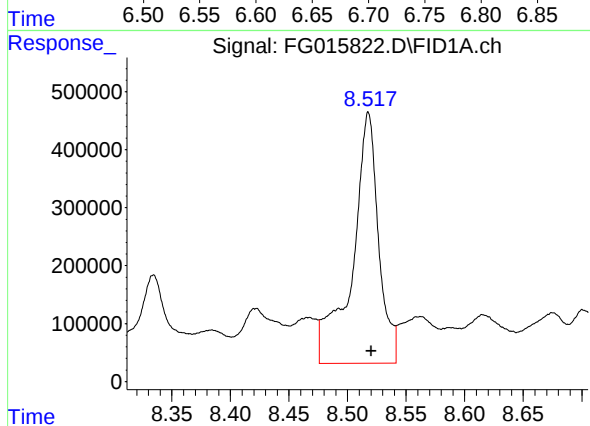
#2 N-DECANE

R.T.: 4.496 min
Delta R.T.: -0.007 min
Response: 2733590
Conc: 24.55 ug/ml



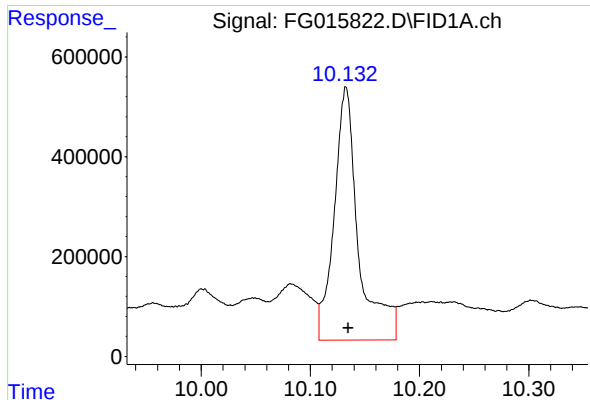
#3 N-DODECANE

R.T.: 6.679 min
Delta R.T.: -0.005 min
Response: 4998192
Conc: 43.61 ug/ml



#4 N-TETRADECANE

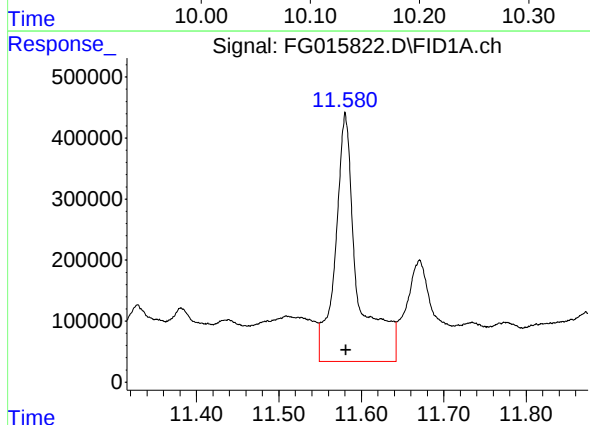
R.T.: 8.518 min
Delta R.T.: -0.003 min
Response: 6784019
Conc: 55.99 ug/ml



#5 N-HEXADECANE

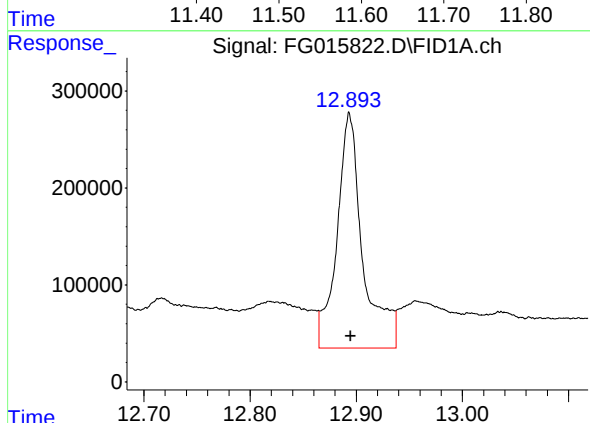
R.T.: 10.133 min
Delta R.T.: -0.002 min
Response: 7831170
Conc: 62.38 ug/ml

Instrument :
FID_G
ClientSampleId :



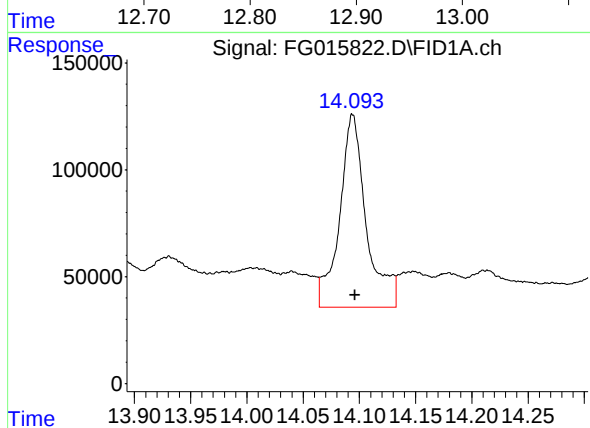
#6 N-OCTADECANE

R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 7605652
Conc: 58.04 ug/ml



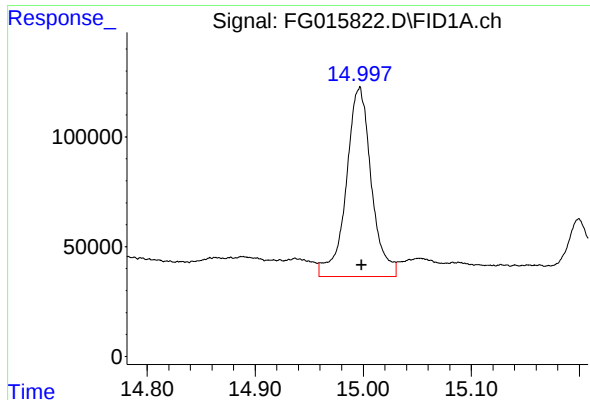
#7 N-EICOSANE

R.T.: 12.894 min
Delta R.T.: -0.001 min
Response: 4097117
Conc: 30.22 ug/ml



#8 N-DOCOSANE

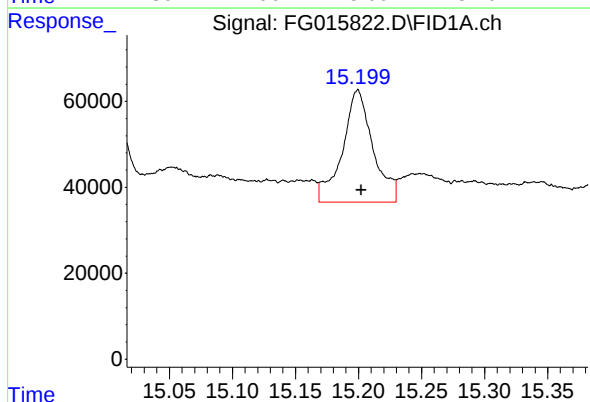
R.T.: 14.094 min
Delta R.T.: -0.002 min
Response: 1493191
Conc: 11.26 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

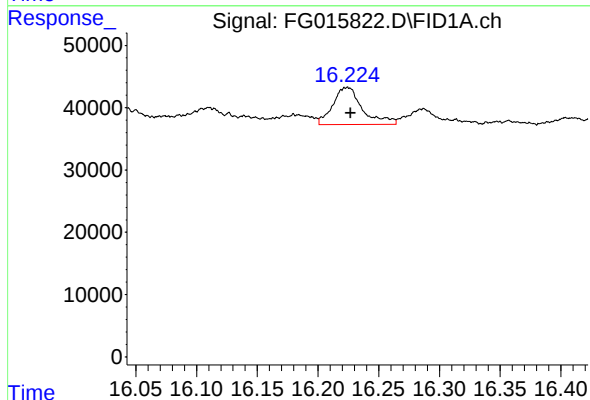
R.T.: 14.996 min
Delta R.T.: -0.002 min
Response: 1388908
Conc: 11.80 ug/ml

Instrument :
FID_G
ClientSampleId :



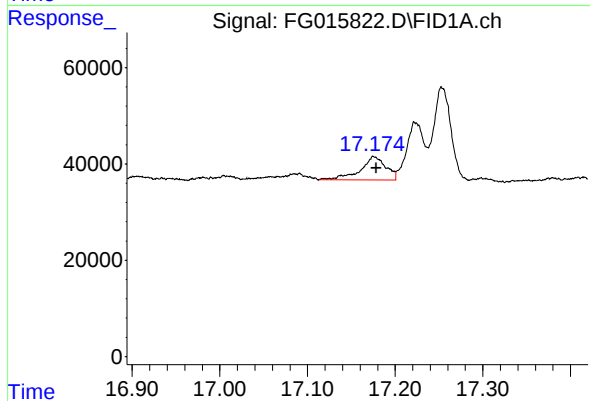
#10 N-TETRACOSANE

R.T.: 15.199 min
Delta R.T.: -0.003 min
Response: 439824
Conc: 3.31 ug/ml



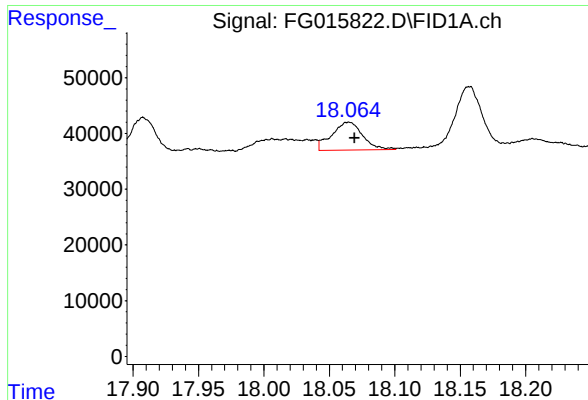
#11 N-HEXACOSANE

R.T.: 16.224 min
Delta R.T.: -0.003 min
Response: 100469
Conc: 0.76 ug/ml



#12 N-OCTACOSANE

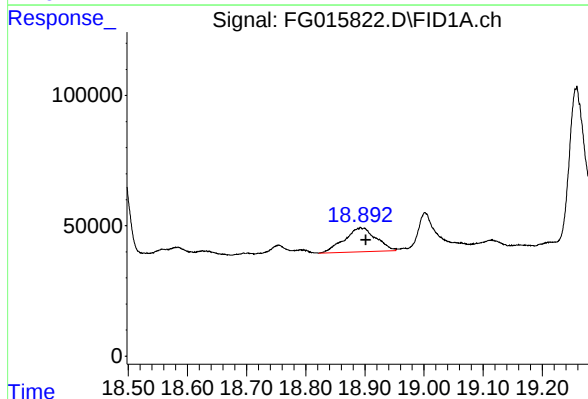
R.T.: 17.176 min
Delta R.T.: -0.003 min
Response: 99761
Conc: 0.76 ug/ml



#13 N-TRIACONTANE

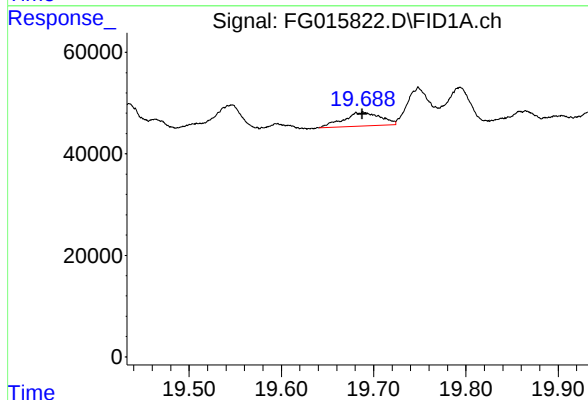
R.T.: 18.065 min
Delta R.T.: -0.004 min
Response: 82704
Conc: 0.62 ug/ml

Instrument :
FID_G
ClientSampleId :



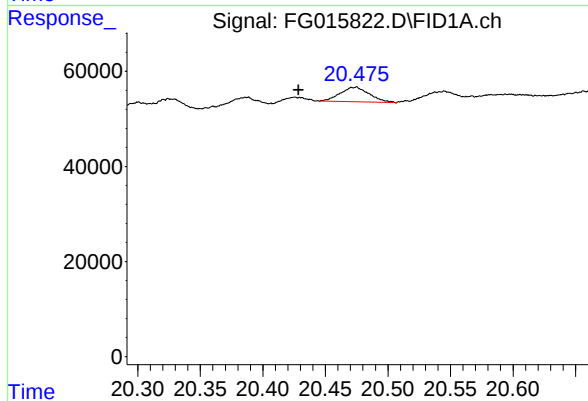
#14 N-DOTRIACONTANE

R.T.: 18.893 min
Delta R.T.: -0.010 min
Response: 339543
Conc: 2.58 ug/ml



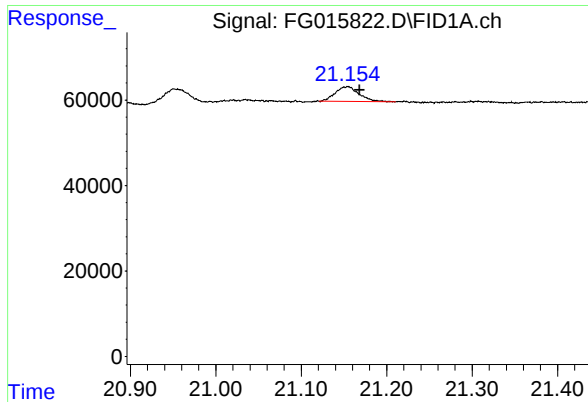
#15 N-TETRATRIACONTANE

R.T.: 19.689 min
Delta R.T.: 0.001 min
Response: 75244
Conc: 0.62 ug/ml



#16 N-HEXATRIACONTANE

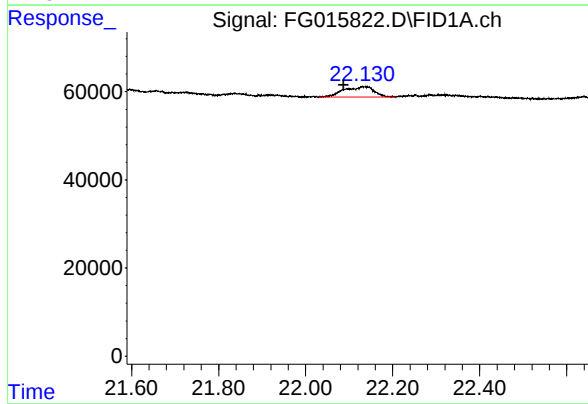
R.T.: 20.474 min
Delta R.T.: 0.046 min
Response: 49295
Conc: 0.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.155 min
Delta R.T.: -0.014 min
Response: 66776
Conc: 0.69 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.131 min
Delta R.T.: 0.043 min
Response: 114052
Conc: 1.28 ug/ml