

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092923\
 Data File : FG012952.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2023 12:26
 Operator : YP\AJ
 Sample : COAL TAR
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 30 03:44:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
 Quant Title :
 QLast Update : Fri Sep 22 02:14:31 2023
 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...	15.058	2143114	18.911 ug/ml
Target Compounds			
1) N-OCTANE	2.053	13016	0.116 ug/ml
2) N-DECANE	4.637	84732	0.736 ug/ml
3) N-DODECANE	6.818f	120880814	1029.437 ug/ml
4) N-TETRADECANE	8.610	33665837	285.011 ug/ml
5) N-HEXADECANE	10.212	4050384	33.480 ug/ml
6) N-OCTADECANE	11.684	17500275	143.409 ug/ml
7) N-EICOSANE	12.950	7427217	60.663 ug/ml
8) N-DOCOSANE	14.173	8228647	69.038 ug/ml
10) N-TETRACOSANE	15.301	68096040	568.212 ug/ml
11) N-HEXACOSANE	16.304	2208833	18.655 ug/ml
12) N-OCTACOSANE	17.262	1194148	10.201 ug/ml
13) N-TRIACONTANE	18.141	1145377	9.922 ug/ml
14) N-DOTRIACONTANE	19.008	1341320	12.060 ug/ml
15) N-TETRATRIACONTANE	19.763	547973	5.802 ug/ml
16) N-HEXATRIACONTANE	20.503	122970	1.664 ug/ml
17) N-OCTATRIACONTANE	21.261	91913	1.387 ug/ml
18) N-TETRACONTANE	22.154	583424	9.252 ug/ml

(f)=RT Delta > 1/2 Window

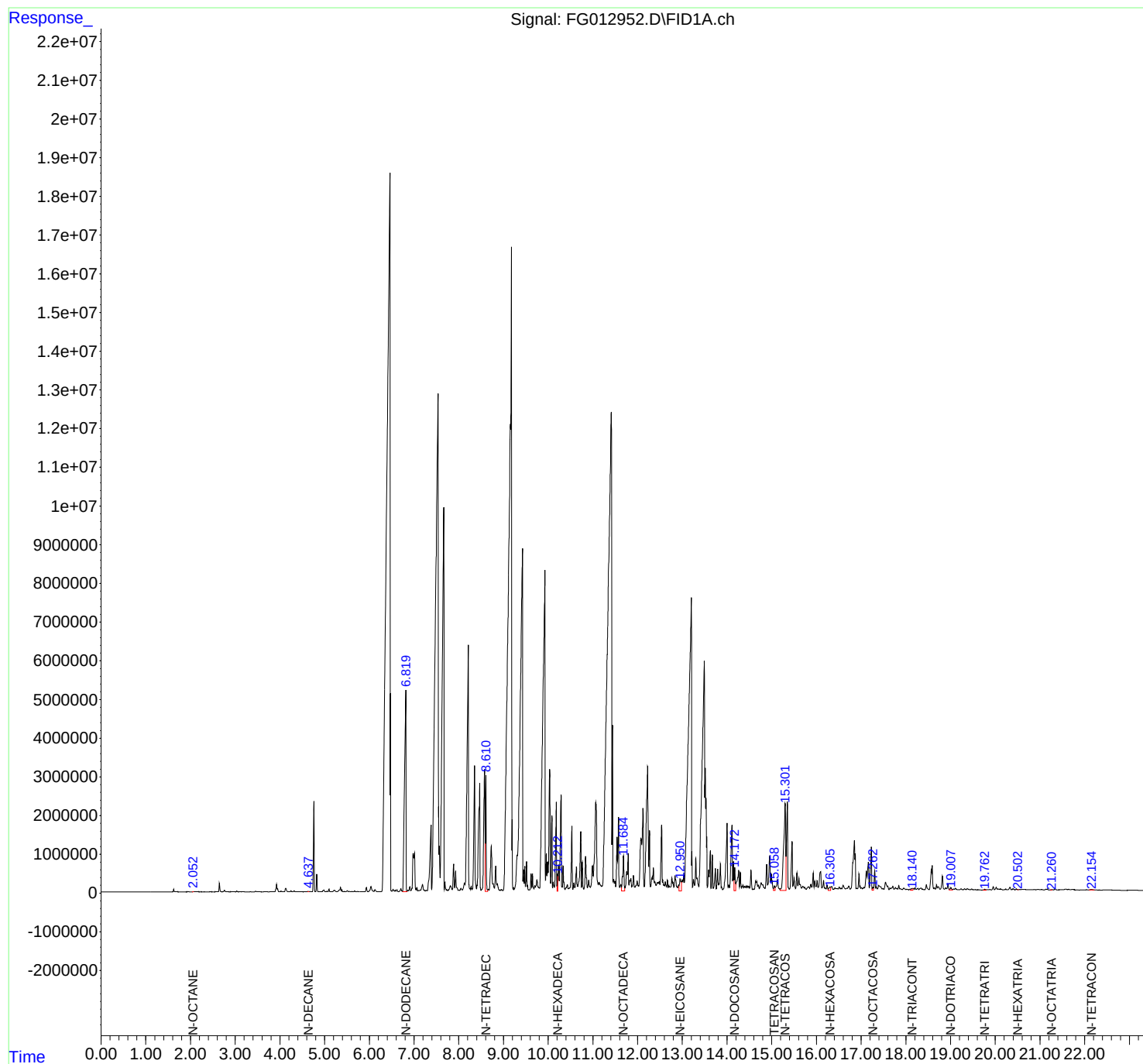
(m)=manual int.

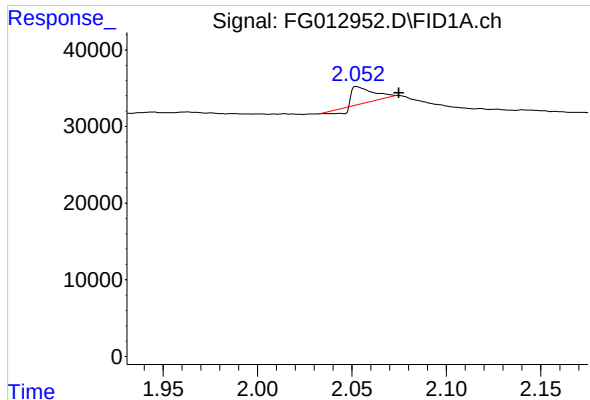
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

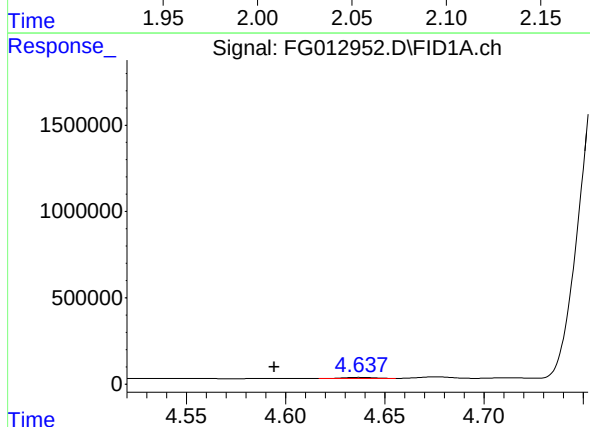




#1 N-OCTANE

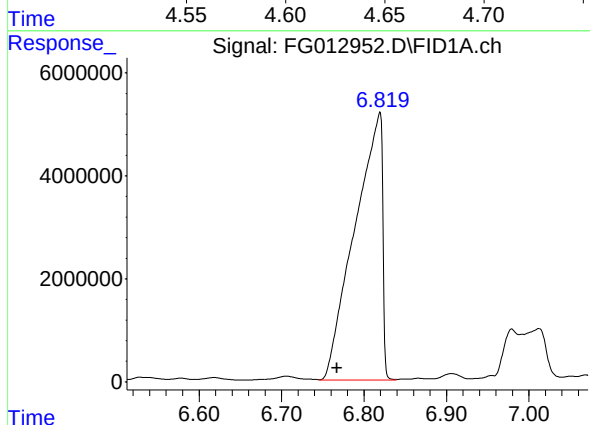
R.T.: 2.053 min
Delta R.T.: -0.022 min
Response: 13016
Conc: 0.12 ug/ml

Instrument :
FID_G
ClientSampleId :



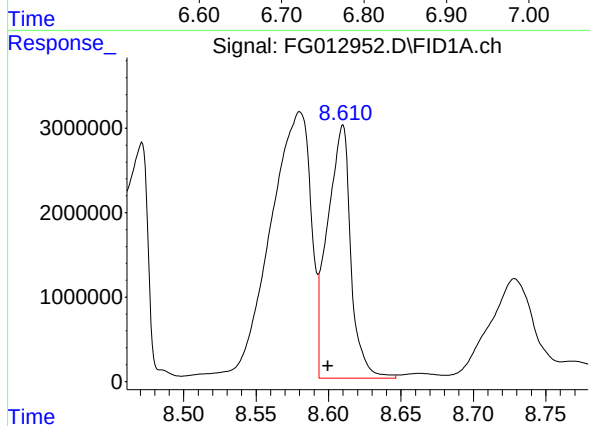
#2 N-DECANE

R.T.: 4.637 min
Delta R.T.: 0.043 min
Response: 84732
Conc: 0.74 ug/ml



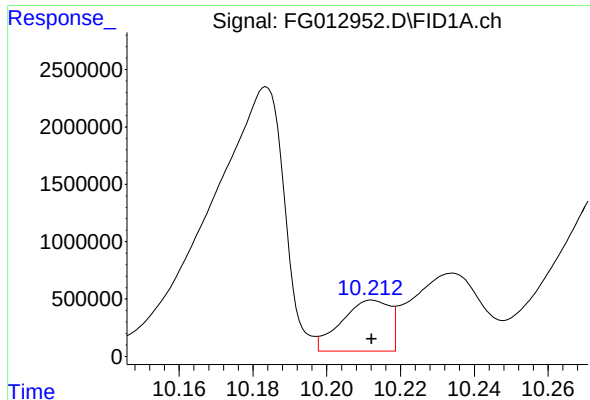
#3 N-DODECANE

R.T.: 6.818 min
Delta R.T.: 0.051 min
Response: 120880814
Conc: 1029.44 ug/ml



#4 N-TETRADECANE

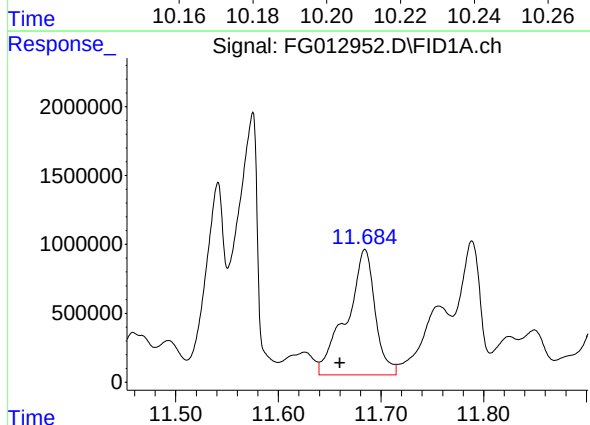
R.T.: 8.610 min
Delta R.T.: 0.010 min
Response: 33665837
Conc: 285.01 ug/ml



#5 N-HEXADECANE

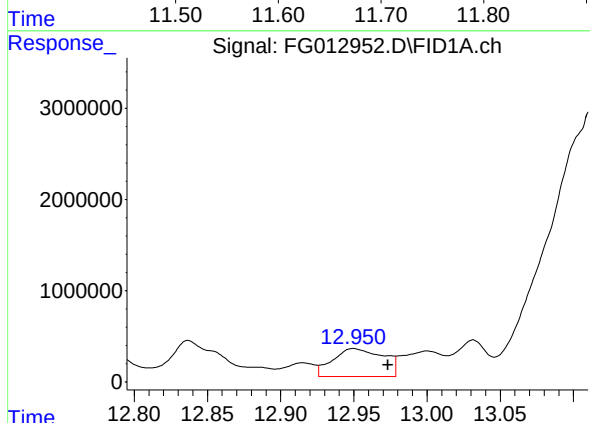
R.T.: 10.212 min
Delta R.T.: 0.000 min
Response: 4050384
Conc: 33.48 ug/ml

Instrument :
FID_G
ClientSampleId :



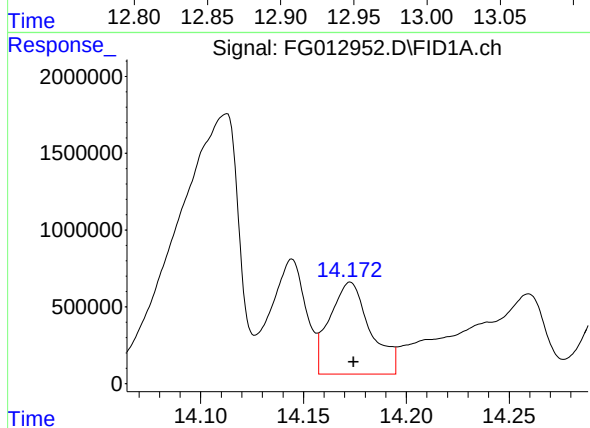
#6 N-OCTADECANE

R.T.: 11.684 min
Delta R.T.: 0.024 min
Response: 17500275
Conc: 143.41 ug/ml



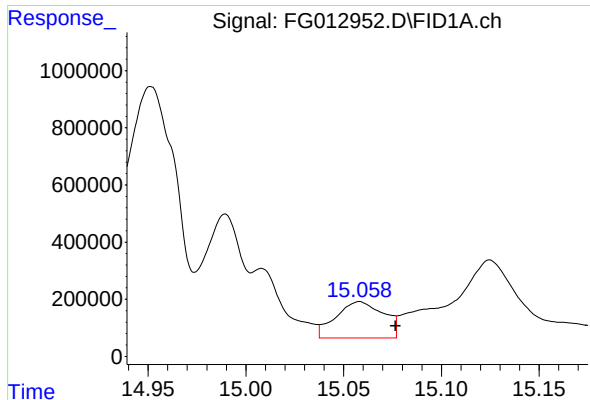
#7 N-EICOSANE

R.T.: 12.950 min
Delta R.T.: -0.024 min
Response: 7427217
Conc: 60.66 ug/ml



#8 N-DOCOSANE

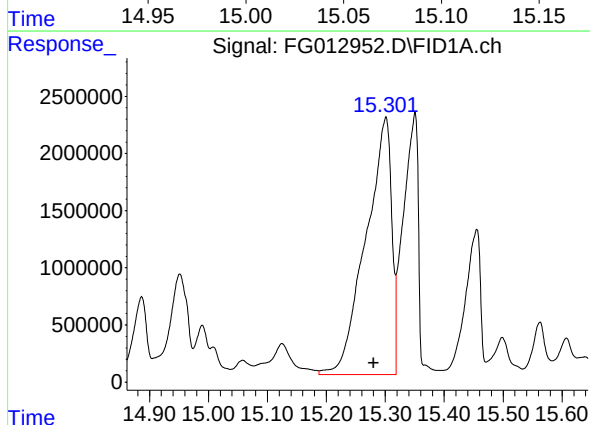
R.T.: 14.173 min
Delta R.T.: -0.002 min
Response: 8228647
Conc: 69.04 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

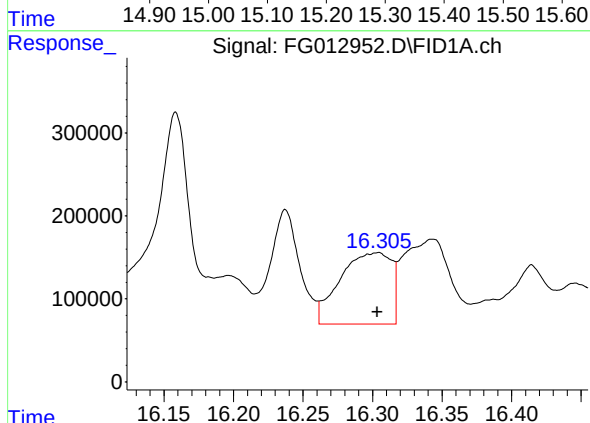
R.T.: 15.058 min
Delta R.T.: -0.018 min
Response: 2143114
Conc: 18.91 ug/ml

Instrument :
FID_G
ClientSampleId :



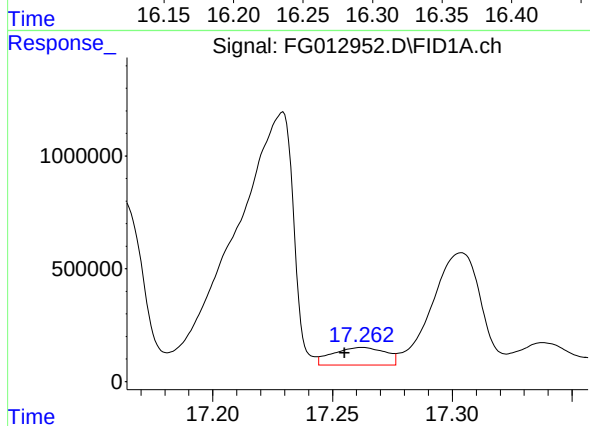
#10 N-TETRACOSANE

R.T.: 15.301 min
Delta R.T.: 0.021 min
Response: 68096040
Conc: 568.21 ug/ml



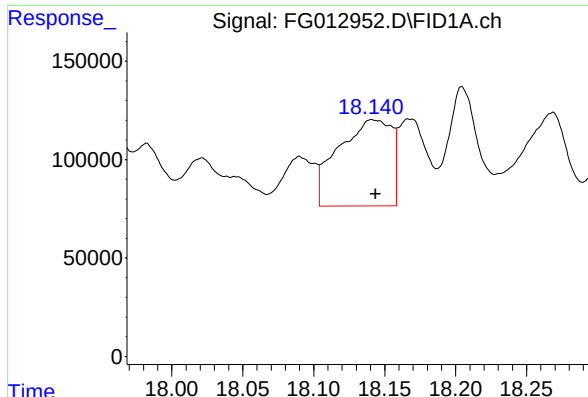
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: 0.000 min
Response: 2208833
Conc: 18.66 ug/ml



#12 N-OCTACOSANE

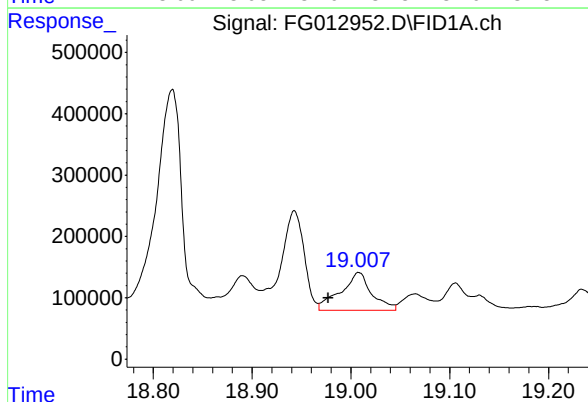
R.T.: 17.262 min
Delta R.T.: 0.007 min
Response: 1194148
Conc: 10.20 ug/ml



#13 N-TRIACONTANE

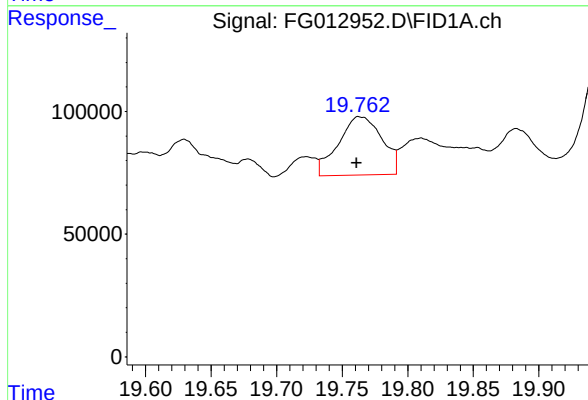
R.T.: 18.141 min
Delta R.T.: -0.003 min
Response: 1145377
Conc: 9.92 ug/ml

Instrument :
FID_G
ClientSampleId :



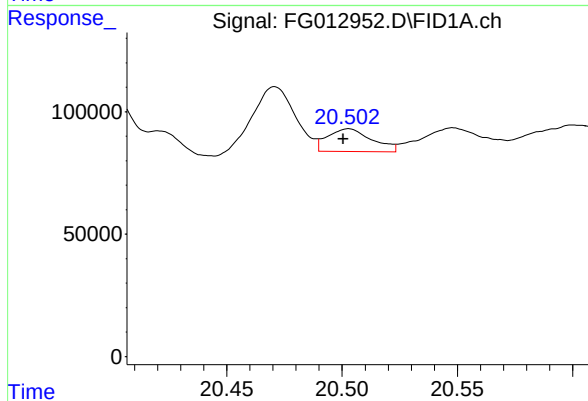
#14 N-DOTRIACONTANE

R.T.: 19.008 min
Delta R.T.: 0.031 min
Response: 1341320
Conc: 12.06 ug/ml



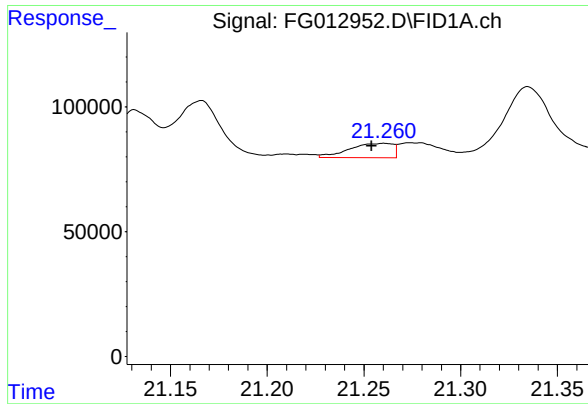
#15 N-TETRATRIACONTANE

R.T.: 19.763 min
Delta R.T.: 0.002 min
Response: 547973
Conc: 5.80 ug/ml



#16 N-HEXATRIACONTANE

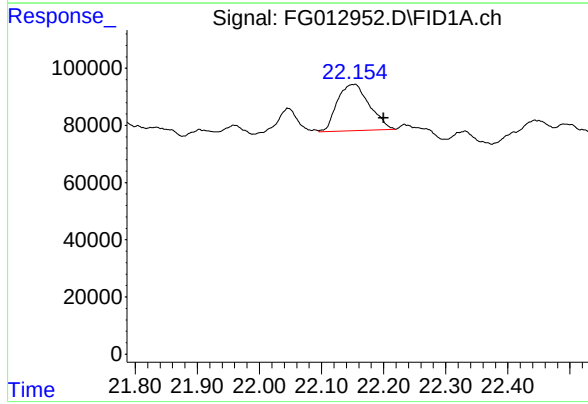
R.T.: 20.503 min
Delta R.T.: 0.002 min
Response: 122970
Conc: 1.66 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.261 min
Delta R.T.: 0.007 min
Response: 91913
Conc: 1.39 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.154 min
Delta R.T.: -0.046 min
Response: 583424
Conc: 9.25 ug/ml