

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050825\
 Data File : FG015804.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2025 11:54
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 09 02:08:43 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...	15.006	5641380	47.915 ug/ml
Target Compounds			
1) N-OCTANE	1.972	5103270	45.283 ug/ml
2) N-DECANE	4.502	5760675	51.743 ug/ml
3) N-DODECANE	6.685	6052638	52.814 ug/ml
4) N-TETRADECANE	8.522	6119940	50.506 ug/ml
5) N-HEXADECANE	10.136	6256155	49.833 ug/ml
6) N-OCTADECANE	11.586	6429967	49.064 ug/ml
7) N-EICOSANE	12.901	6379330	47.053 ug/ml
8) N-DOCOSANE	14.103	6238050	47.034 ug/ml
10) N-TETRACOSANE	15.210	6209930	46.731 ug/ml
11) N-HEXACOSANE	16.236	6096159	45.967 ug/ml
12) N-OCTACOSANE	17.188	6078316	46.106 ug/ml
13) N-TRIACONTANE	18.078	6185493	46.396 ug/ml
14) N-DOTRIACONTANE	18.913	5977553	45.344 ug/ml
15) N-TETRATRIACONTANE	19.698	5035849	41.640 ug/ml
16) N-HEXATRIACONTANE	20.439	4084130	38.092 ug/ml
17) N-OCTATRIACONTANE	21.181	3527965	36.624 ug/ml
18) N-TETRACONTANE	22.102	3341785	37.529 ug/ml

(f)=RT Delta > 1/2 Window

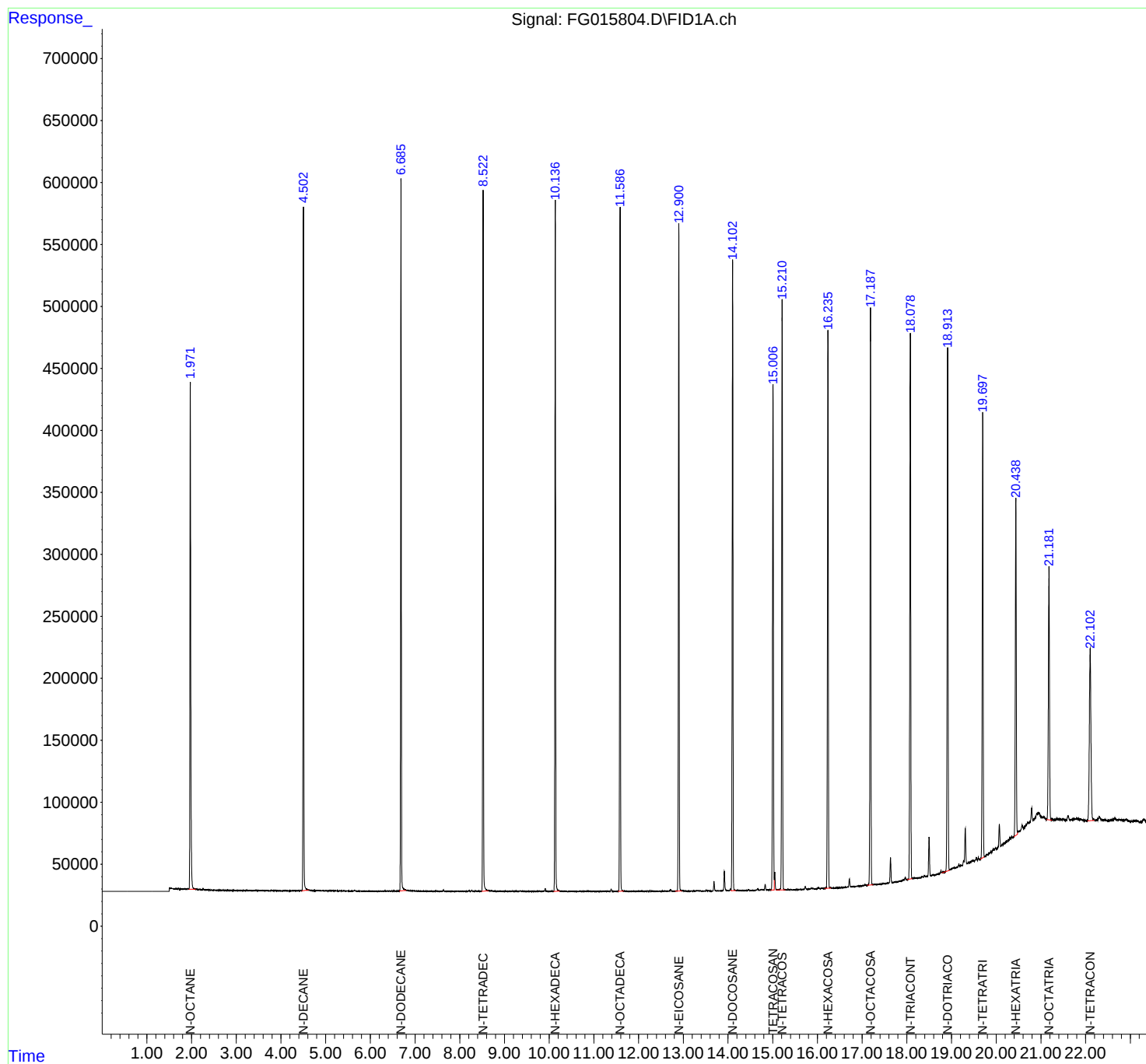
(m)=manual int.

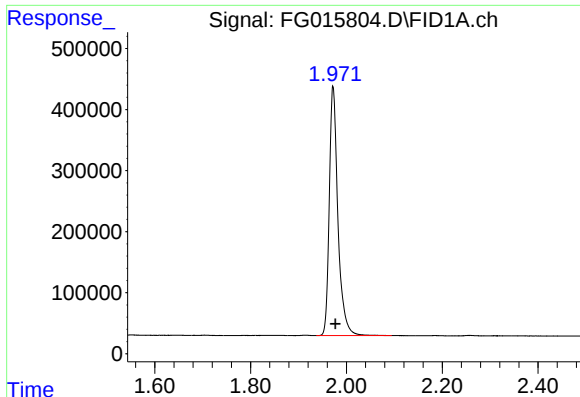
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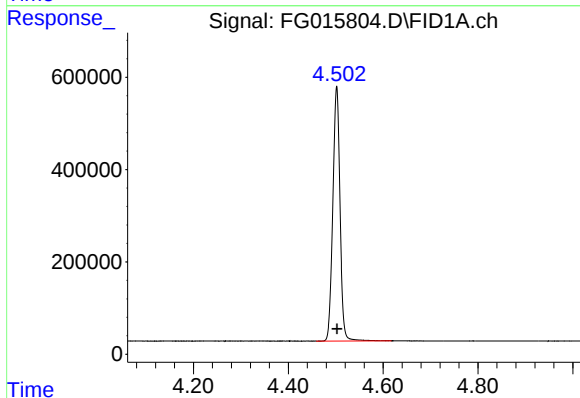




#1 N-OCTANE

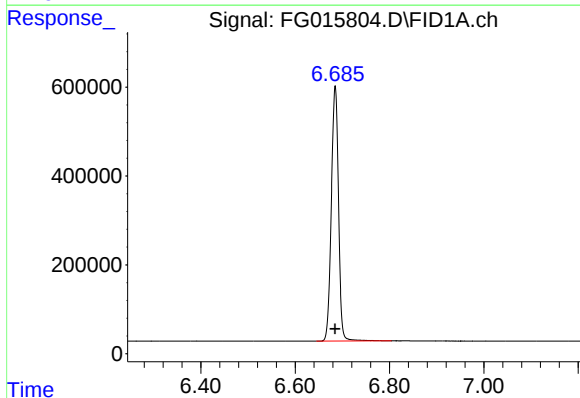
R.T.: 1.972 min
Delta R.T.: -0.005 min
Response: 5103270
Conc: 45.28 ug/ml

Instrument :
FID_G
ClientSampleId :



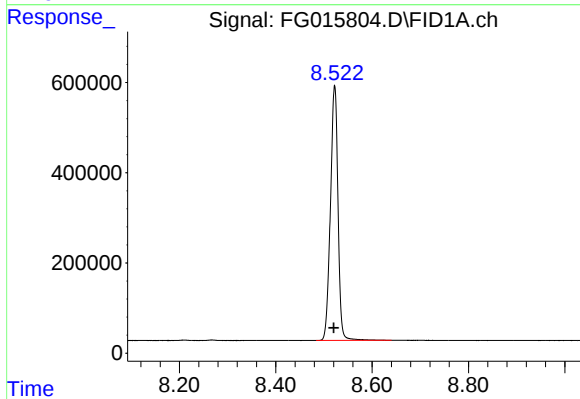
#2 N-DECANE

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 5760675
Conc: 51.74 ug/ml



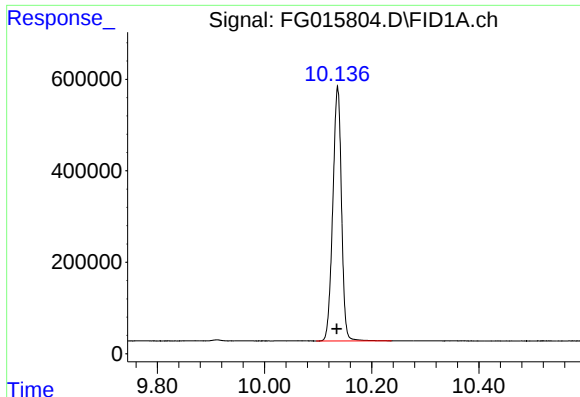
#3 N-DODECANE

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 6052638
Conc: 52.81 ug/ml



#4 N-TETRADECANE

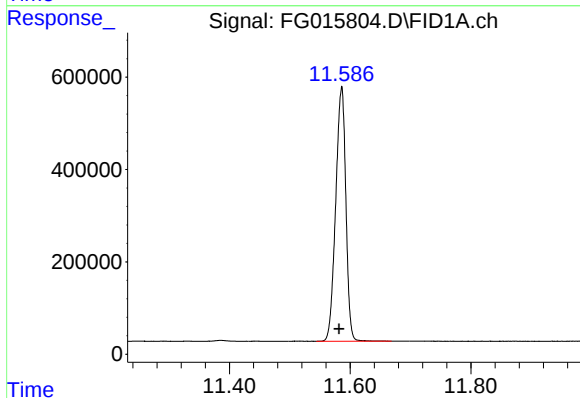
R.T.: 8.522 min
Delta R.T.: 0.002 min
Response: 6119940
Conc: 50.51 ug/ml



#5 N-HEXADECANE

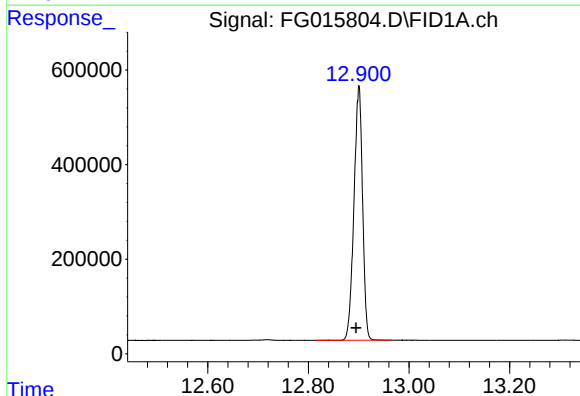
R.T.: 10.136 min
Delta R.T.: 0.002 min
Response: 6256155
Conc: 49.83 ug/ml

Instrument :
FID_G
ClientSampleId :



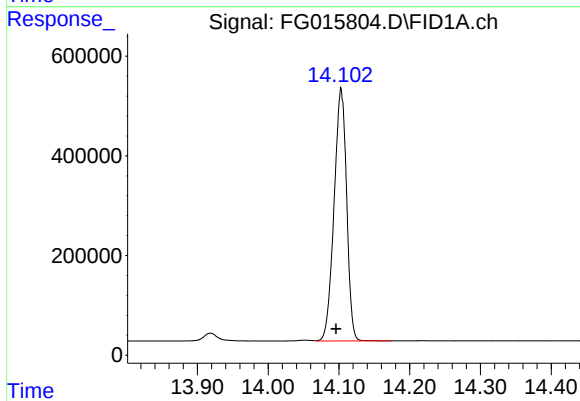
#6 N-OCTADECANE

R.T.: 11.586 min
Delta R.T.: 0.005 min
Response: 6429967
Conc: 49.06 ug/ml



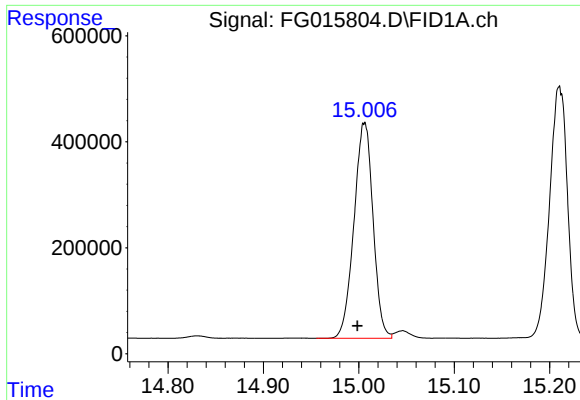
#7 N-EICOSANE

R.T.: 12.901 min
Delta R.T.: 0.006 min
Response: 6379330
Conc: 47.05 ug/ml



#8 N-DOCOSANE

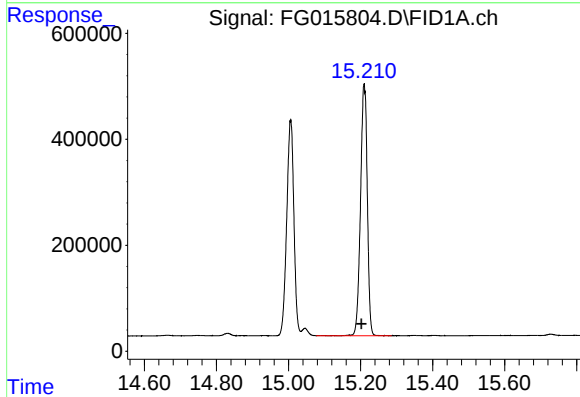
R.T.: 14.103 min
Delta R.T.: 0.007 min
Response: 6238050
Conc: 47.03 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

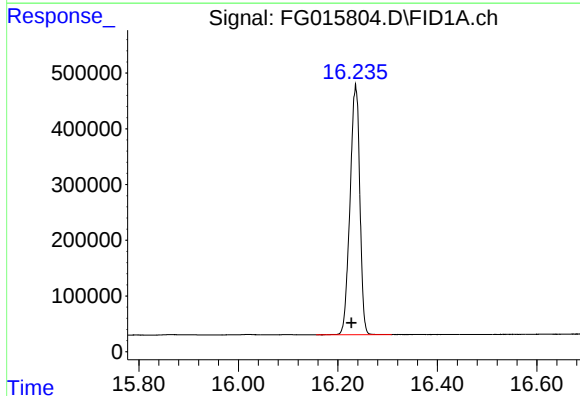
R.T.: 15.006 min
Delta R.T.: 0.008 min
Response: 5641380
Conc: 47.92 ug/ml

Instrument :
FID_G
ClientSampleId :



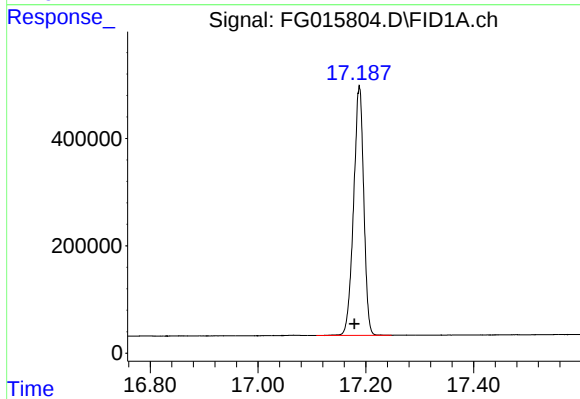
#10 N-TETRACOSANE

R.T.: 15.210 min
Delta R.T.: 0.008 min
Response: 6209930
Conc: 46.73 ug/ml



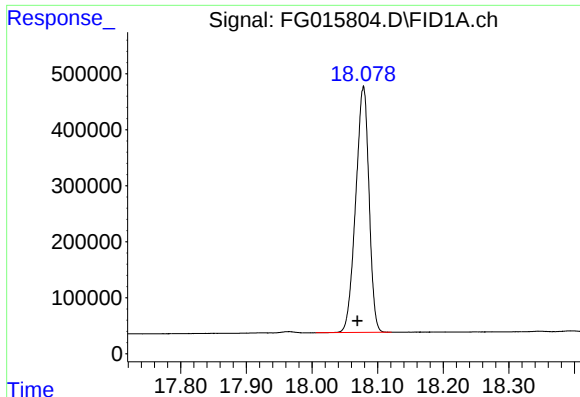
#11 N-HEXACOSANE

R.T.: 16.236 min
Delta R.T.: 0.009 min
Response: 6096159
Conc: 45.97 ug/ml



#12 N-OCTACOSANE

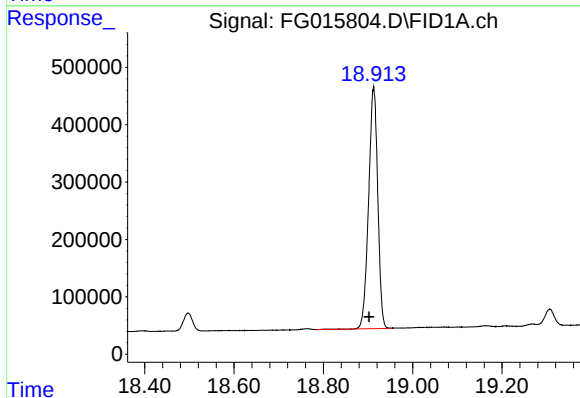
R.T.: 17.188 min
Delta R.T.: 0.009 min
Response: 6078316
Conc: 46.11 ug/ml



#13 N-TRIACONTANE

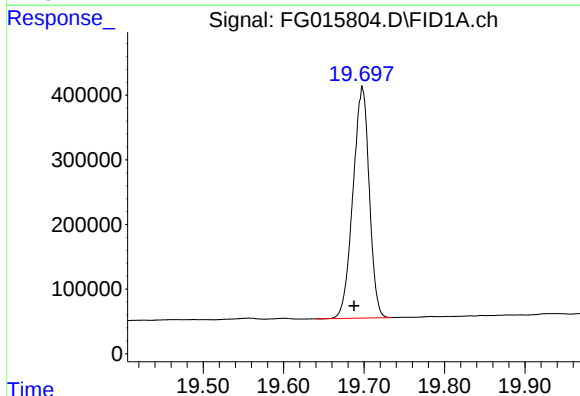
R.T.: 18.078 min
Delta R.T.: 0.009 min
Response: 6185493
Conc: 46.40 ug/ml

Instrument :
FID_G
ClientSampleId :



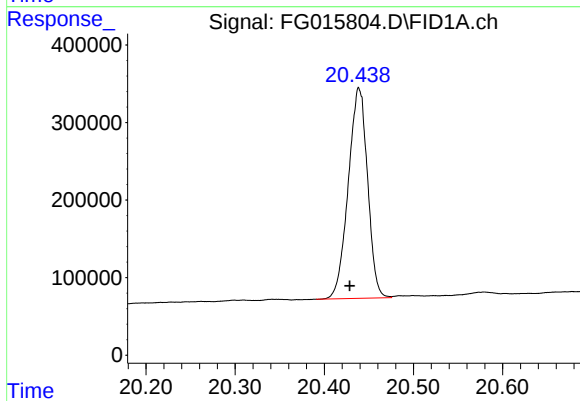
#14 N-DOTRIACONTANE

R.T.: 18.913 min
Delta R.T.: 0.010 min
Response: 5977553
Conc: 45.34 ug/ml



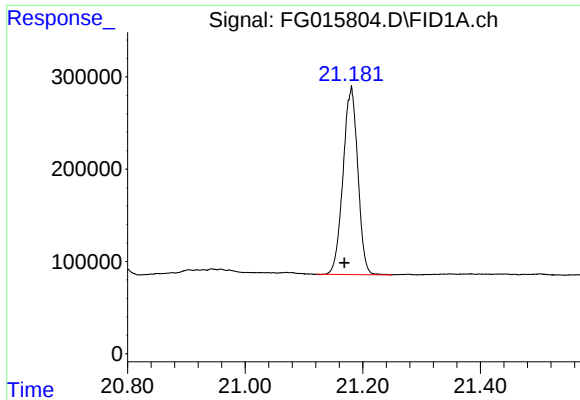
#15 N-TETRATRIACONTANE

R.T.: 19.698 min
Delta R.T.: 0.010 min
Response: 5035849
Conc: 41.64 ug/ml



#16 N-HEXATRIACONTANE

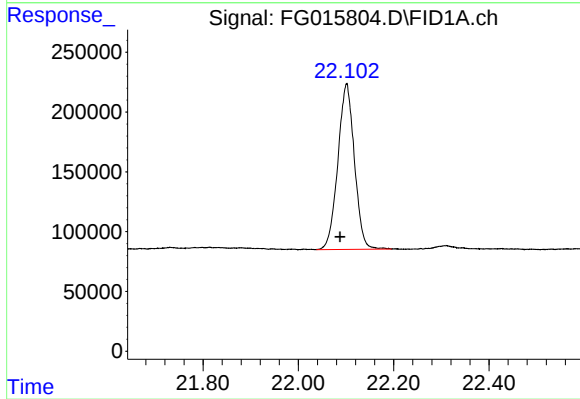
R.T.: 20.439 min
Delta R.T.: 0.010 min
Response: 4084130
Conc: 38.09 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.181 min
Delta R.T.: 0.012 min
Response: 3527965
Conc: 36.62 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.102 min
Delta R.T.: 0.014 min
Response: 3341785
Conc: 37.53 ug/ml