

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101821\
 Data File : FG008924.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2021 17:44
 Operator : AJ\MA
 Sample : M4068-11
 Misc : LOQ 5 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-QT4-2021

Integration File: autoint1.e
 Quant Time: Oct 19 00:25:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100721.M
 Quant Title :
 QLast Update : Fri Oct 08 03:31:08 2021
 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...	14.737	1851315	16.039 ug/ml
Target Compounds			
1) N-OCTANE	2.338	503263	3.643 ug/ml
2) N-DECANE	4.439	567980	4.071 ug/ml
3) N-DODECANE	6.465	538861	3.822 ug/ml
4) N-TETRADECANE	8.268	507605	3.601 ug/ml
5) N-HEXADECANE	9.874	516266	3.687 ug/ml
6) N-OCTADECANE	11.320	539203	3.815 ug/ml
7) N-EICOSANE	12.633	551551	3.955 ug/ml
8) N-DOCOSANE	13.835	542521	4.022 ug/ml
10) N-TETRACOSANE	14.942	521720	3.973 ug/ml
11) N-HEXACOSANE	15.966	489540	3.911 ug/ml
12) N-OCTACOSANE	16.918	516827	4.337 ug/ml
13) N-TRIACONTANE	17.809	660427	5.823 ug/ml
14) N-DOTRIACONTANE	18.642	693126	6.534 ug/ml
15) N-TETRATRIACONTANE	19.428	575717	5.781 ug/ml
16) N-HEXATRIACONTANE	20.172	423822	4.589 ug/ml
17) N-OCTATRIACONTANE	20.923	310605	3.538 ug/ml
18) N-TETRACONTANE	21.868	284463	3.195 ug/ml

(f)=RT Delta > 1/2 Window

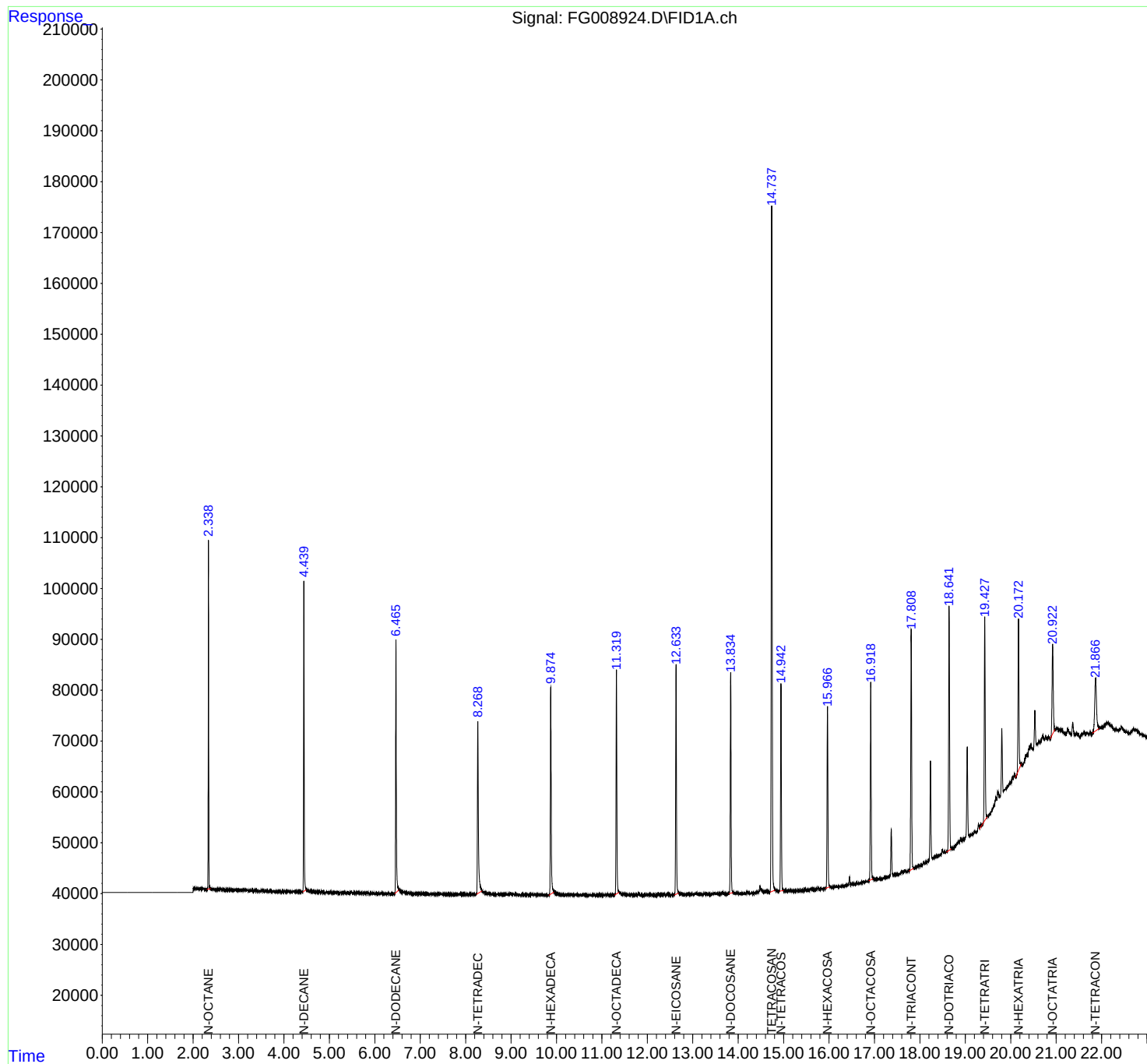
(m)=manual int.

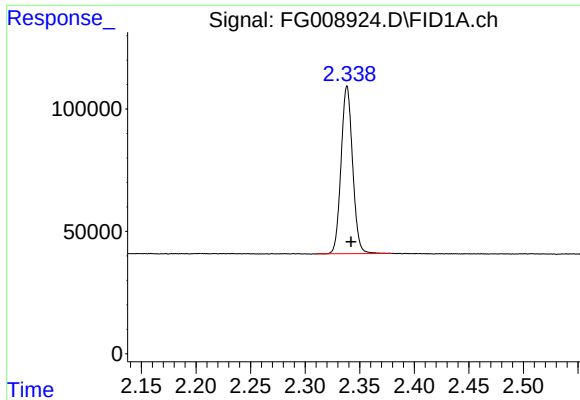
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

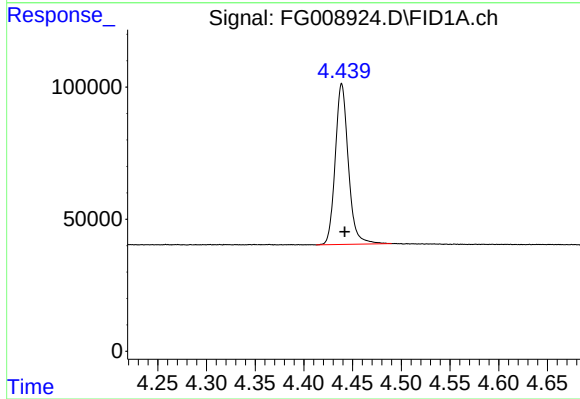




#1 N-OCTANE

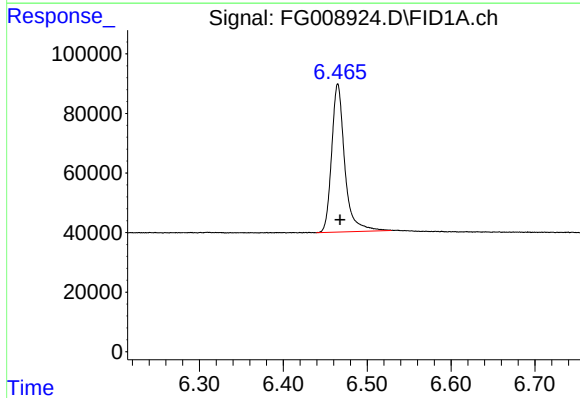
R.T.: 2.338 min
Delta R.T.: -0.004 min
Response: 503263
Conc: 3.64 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT4-2021



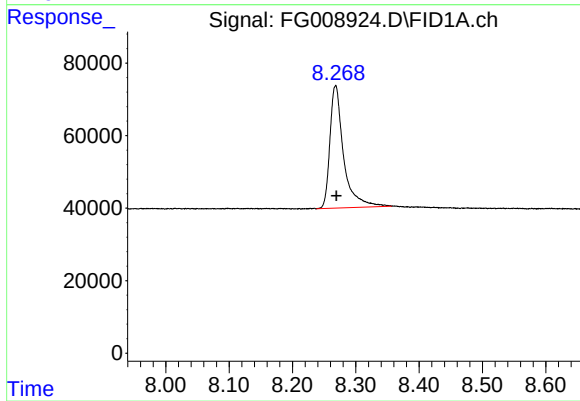
#2 N-DECANE

R.T.: 4.439 min
Delta R.T.: -0.003 min
Response: 567980
Conc: 4.07 ug/ml



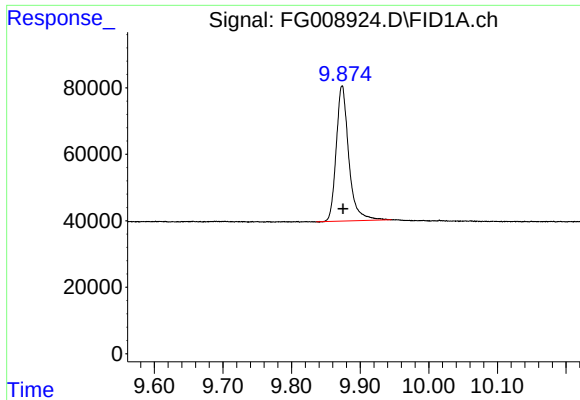
#3 N-DODECANE

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 538861
Conc: 3.82 ug/ml



#4 N-TETRADECANE

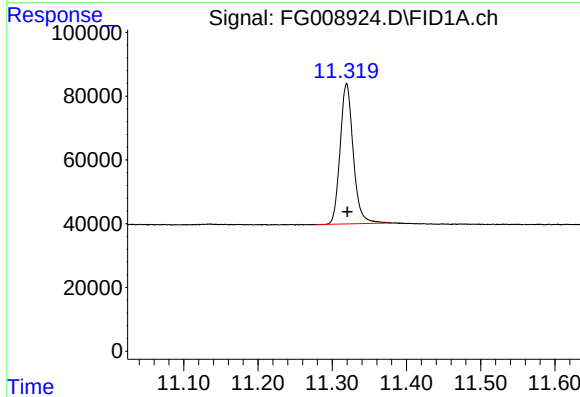
R.T.: 8.268 min
Delta R.T.: 0.000 min
Response: 507605
Conc: 3.60 ug/ml



#5 N-HEXADECANE

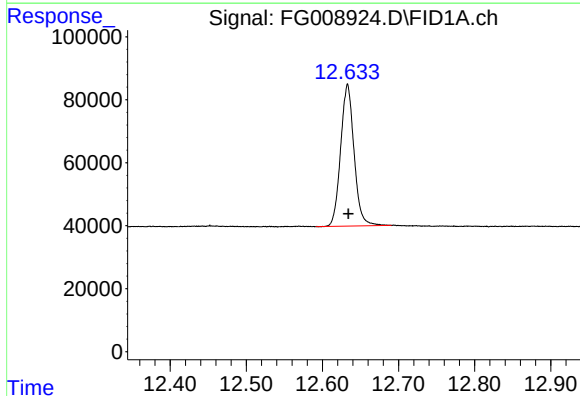
R.T.: 9.874 min
Delta R.T.: -0.001 min
Response: 516266
Conc: 3.69 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT4-2021



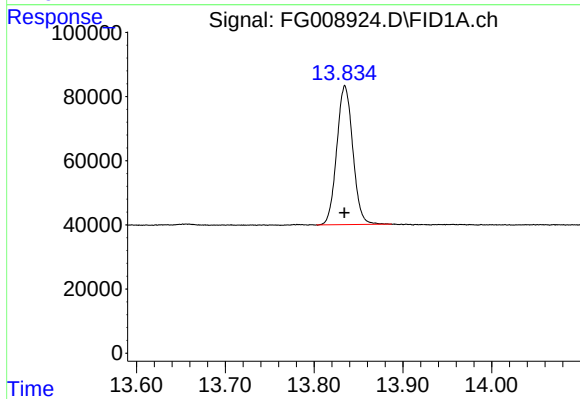
#6 N-OCTADECANE

R.T.: 11.320 min
Delta R.T.: 0.000 min
Response: 539203
Conc: 3.82 ug/ml



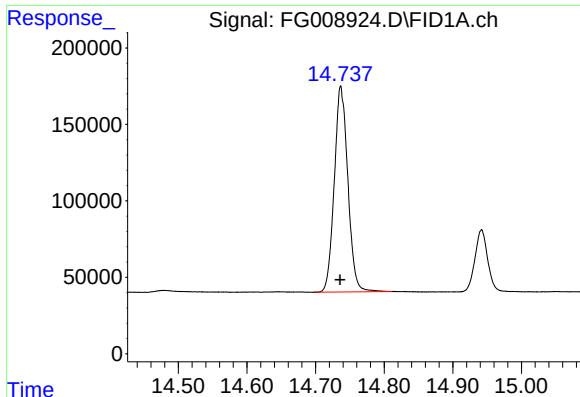
#7 N-EICOSANE

R.T.: 12.633 min
Delta R.T.: -0.001 min
Response: 551551
Conc: 3.95 ug/ml



#8 N-DOCOSANE

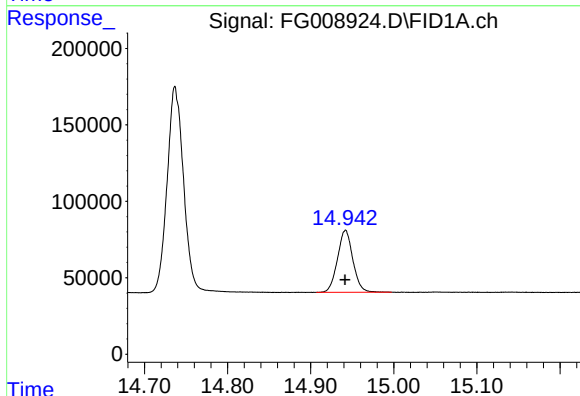
R.T.: 13.835 min
Delta R.T.: 0.000 min
Response: 542521
Conc: 4.02 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

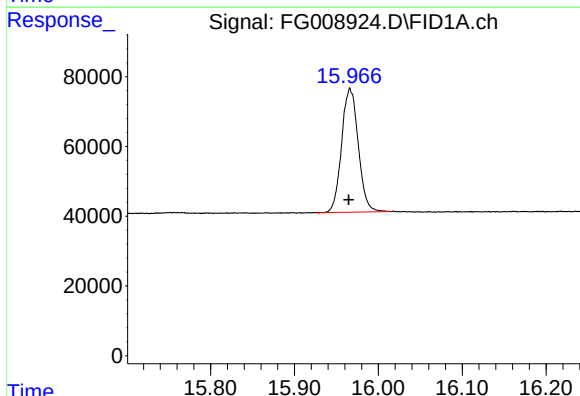
R.T.: 14.737 min
Delta R.T.: 0.000 min
Response: 1851315
Conc: 16.04 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT4-2021



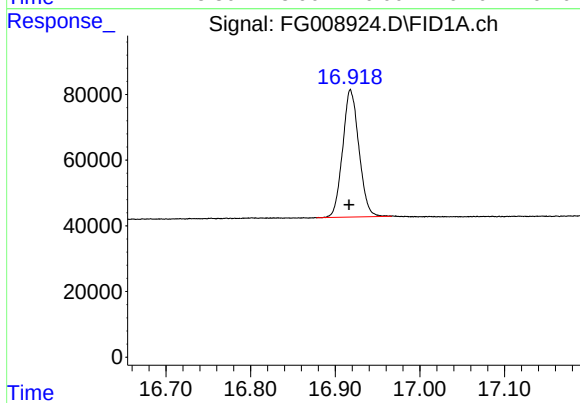
#10 N-TETRACOSANE

R.T.: 14.942 min
Delta R.T.: 0.000 min
Response: 521720
Conc: 3.97 ug/ml



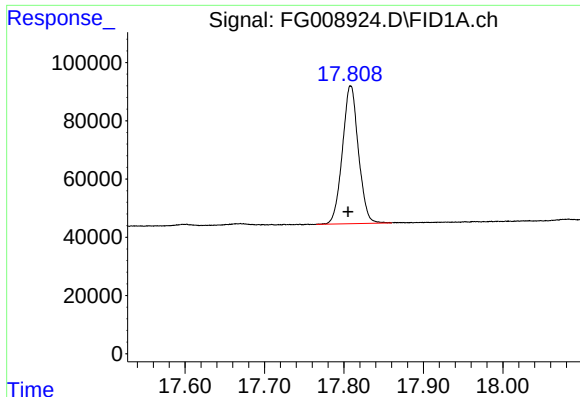
#11 N-HEXACOSANE

R.T.: 15.966 min
Delta R.T.: 0.002 min
Response: 489540
Conc: 3.91 ug/ml



#12 N-OCTACOSANE

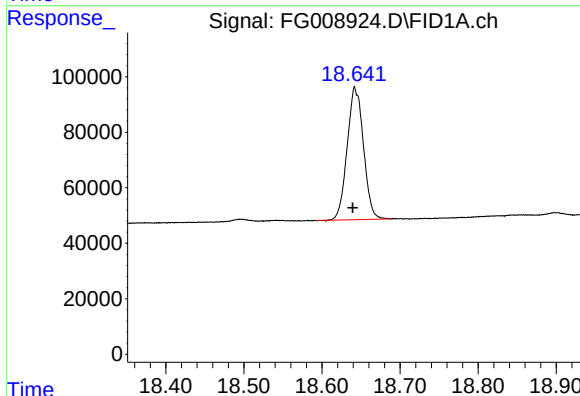
R.T.: 16.918 min
Delta R.T.: 0.002 min
Response: 516827
Conc: 4.34 ug/ml



#13 N-TRIACONTANE

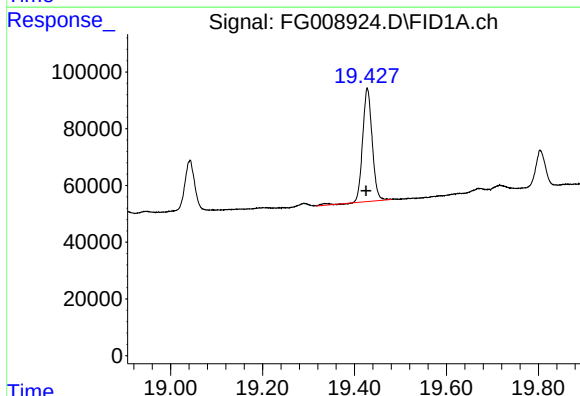
R.T.: 17.809 min
Delta R.T.: 0.003 min
Response: 660427
Conc: 5.82 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT4-2021



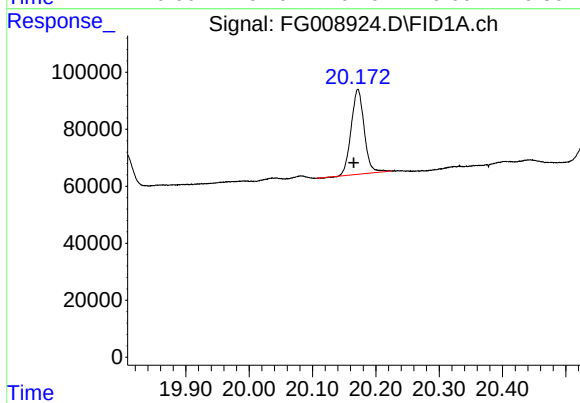
#14 N-DOTRIACONTANE

R.T.: 18.642 min
Delta R.T.: 0.003 min
Response: 693126
Conc: 6.53 ug/ml



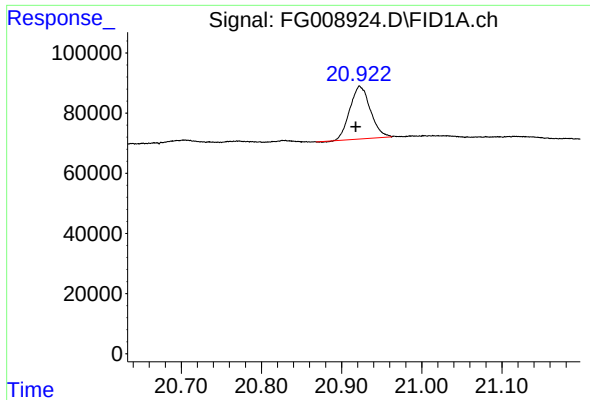
#15 N-TETRATRIACONTANE

R.T.: 19.428 min
Delta R.T.: 0.003 min
Response: 575717
Conc: 5.78 ug/ml



#16 N-HEXATRIACONTANE

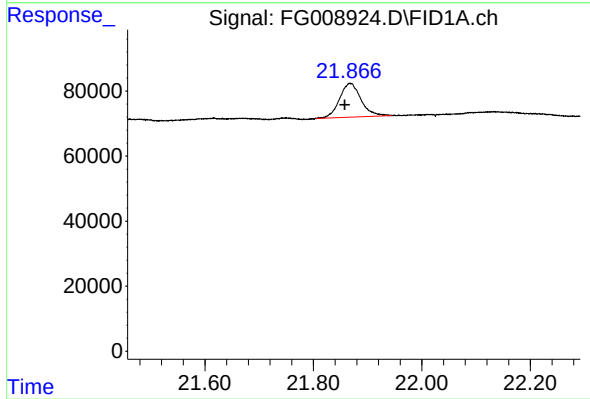
R.T.: 20.172 min
Delta R.T.: 0.006 min
Response: 423822
Conc: 4.59 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.923 min
Delta R.T.: 0.005 min
Response: 310605
Conc: 3.54 ug/ml

Instrument :
FID_G
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 21.868 min
Delta R.T.: 0.010 min
Response: 284463
Conc: 3.19 ug/ml