

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050824\
 Data File : FG013745.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2024 17:31
 Operator : YP\AJ
 Sample : P2403-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2024

Integration File: autoint1.e
 Quant Time: May 09 03:15:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:37:53 2024
 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...	15.072	1983171	17.053 ug/ml
Target Compounds			
1) N-OCTANE	2.057	262300	2.142 ug/ml
2) N-DECANE	4.582	294670	2.352 ug/ml
3) N-DODECANE	6.753	302415	2.380 ug/ml
4) N-TETRADECANE	8.587	312835	2.436 ug/ml
5) N-HEXADECANE	10.200	314978	2.433 ug/ml
6) N-OCTADECANE	11.649	321805	2.429 ug/ml
7) N-EICOSANE	12.964	326242	2.421 ug/ml
8) N-DOCOSANE	14.167	315220	2.405 ug/ml
10) N-TETRACOSANE	15.275	314532	2.396 ug/ml
11) N-HEXACOSANE	16.299	308069	2.358 ug/ml
12) N-OCTACOSANE	17.253	300428	2.331 ug/ml
13) N-TRIACONTANE	18.143	307044	2.366 ug/ml
14) N-DOTRIACONTANE	18.979	334314	2.609 ug/ml
15) N-TETRATRIACONTANE	19.764	348032	2.907 ug/ml
16) N-HEXATRIACONTANE	20.506	405931	3.702 ug/ml
17) N-OCTATRIACONTANE	21.261	389085	3.845 ug/ml
18) N-TETRACONTANE	22.206	443486	4.597 ug/ml

(f)=RT Delta > 1/2 Window

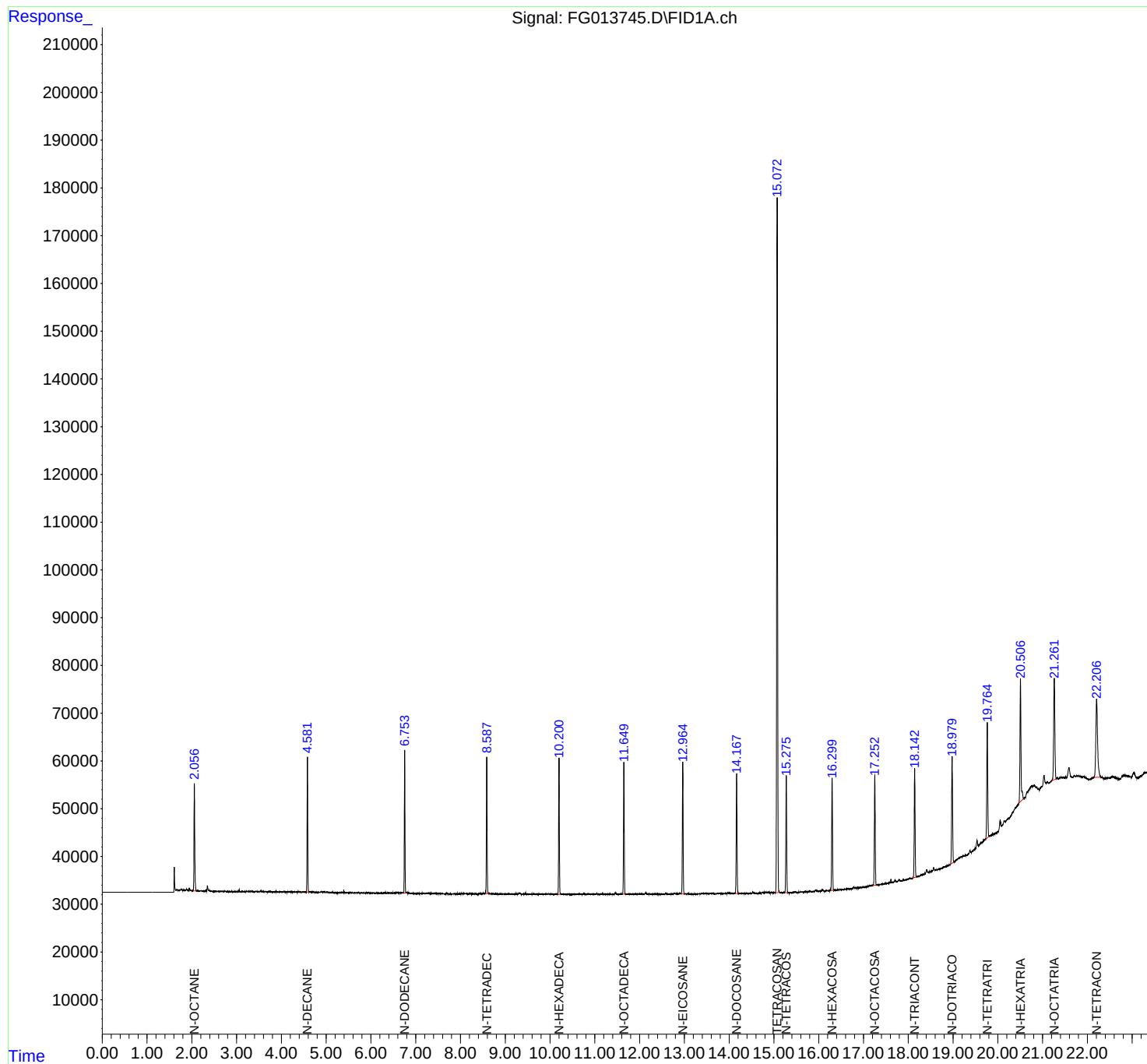
(m)=manual int.

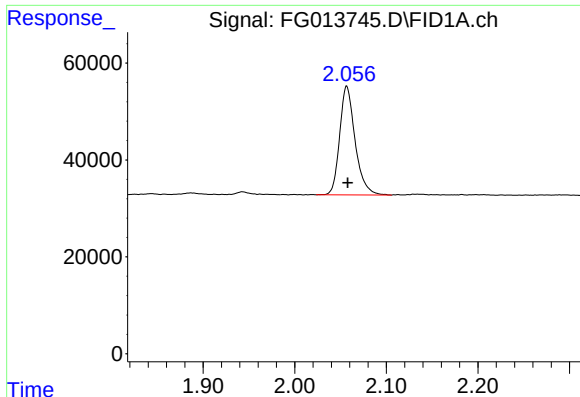
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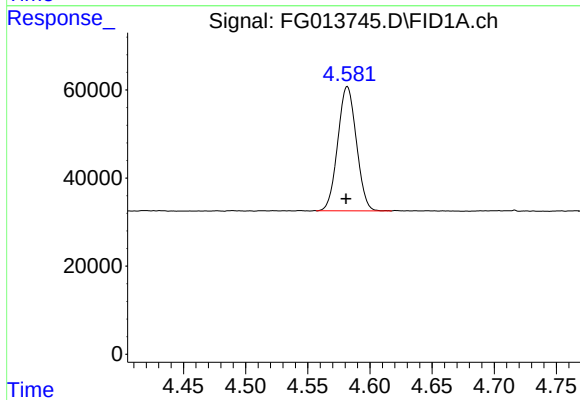




#1 N-OCTANE

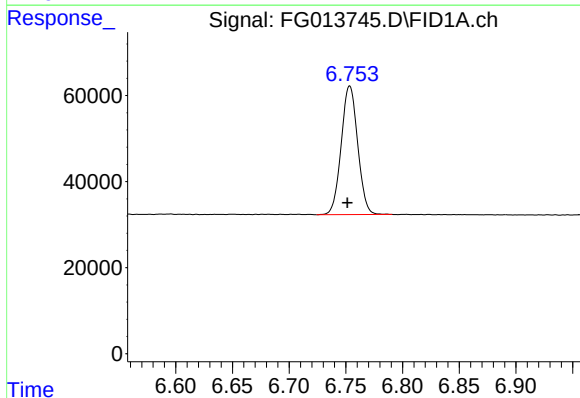
R.T.: 2.057 min
Delta R.T.: -0.001 min
Response: 262300
Conc: 2.14 ug/ml

Instrument :
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LOD-MDL-WATER-04-QT2-2024



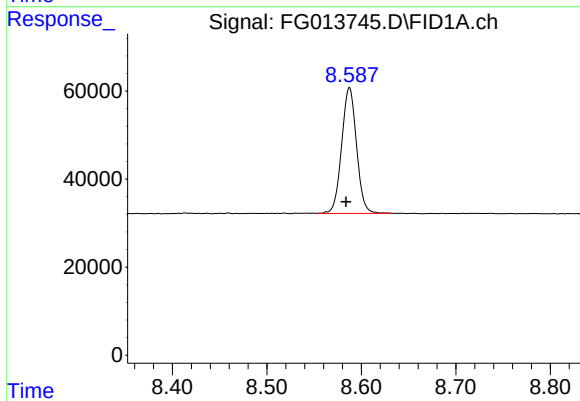
#2 N-DECANE

R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 294670
Conc: 2.35 ug/ml



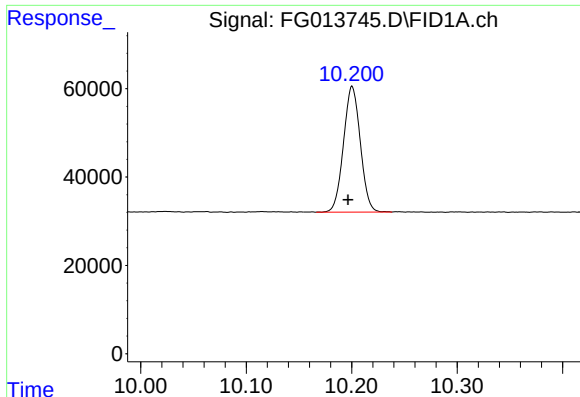
#3 N-DODECANE

R.T.: 6.753 min
Delta R.T.: 0.002 min
Response: 302415
Conc: 2.38 ug/ml



#4 N-TETRADECANE

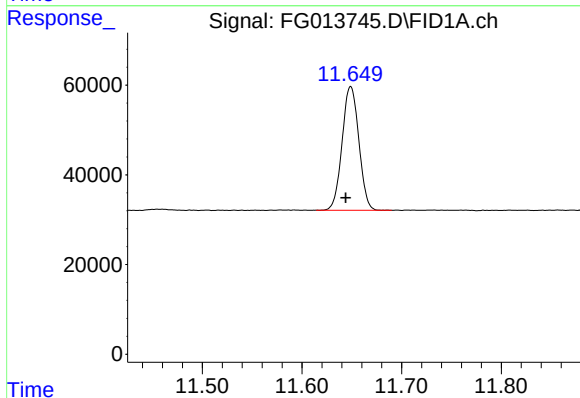
R.T.: 8.587 min
Delta R.T.: 0.003 min
Response: 312835
Conc: 2.44 ug/ml



#5 N-HEXADECANE

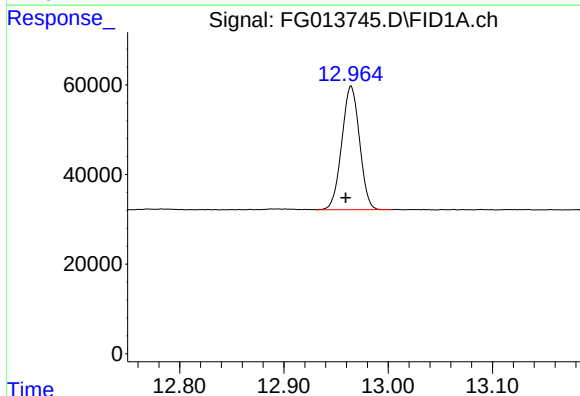
R.T.: 10.200 min
Delta R.T.: 0.004 min
Response: 314978
Conc: 2.43 ug/ml

Instrument :
FID_G
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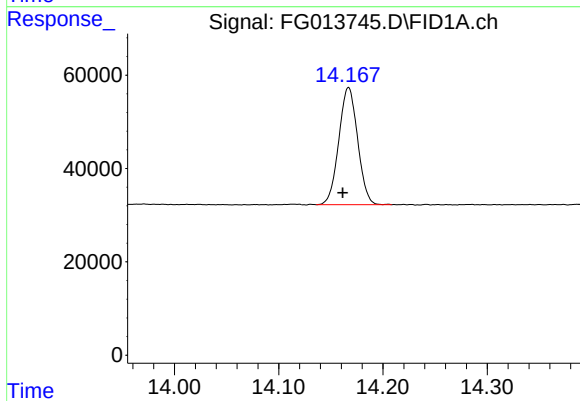
#6 N-OCTADECANE

R.T.: 11.649 min
Delta R.T.: 0.005 min
Response: 321805
Conc: 2.43 ug/ml



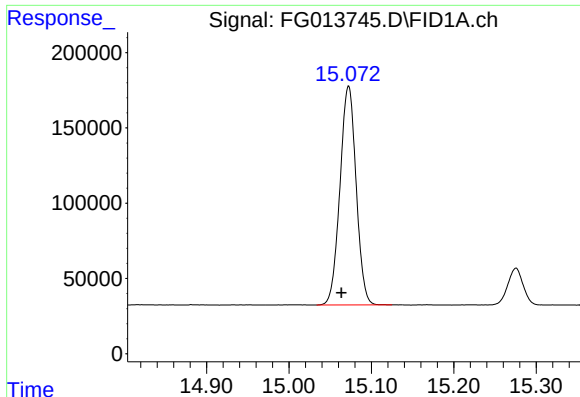
#7 N-EICOSANE

R.T.: 12.964 min
Delta R.T.: 0.005 min
Response: 326242
Conc: 2.42 ug/ml



#8 N-DOCOSANE

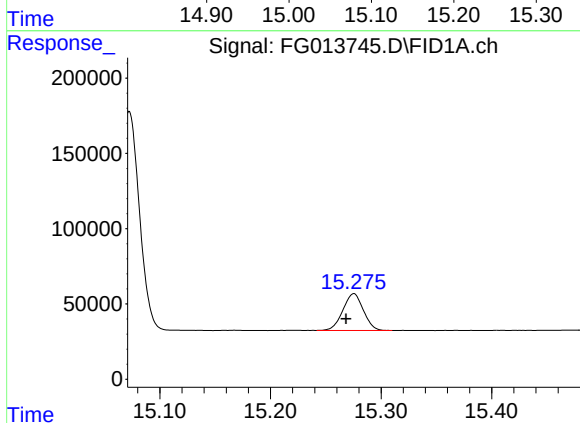
R.T.: 14.167 min
Delta R.T.: 0.006 min
Response: 315220
Conc: 2.40 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

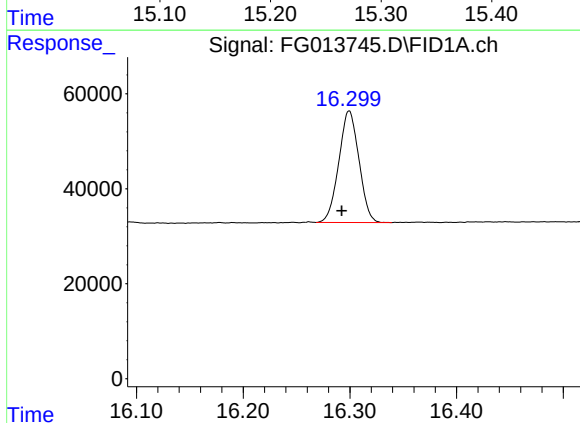
R.T.: 15.072 min
Delta R.T.: 0.009 min
Response: 1983171
Conc: 17.05 ug/ml

Instrument :
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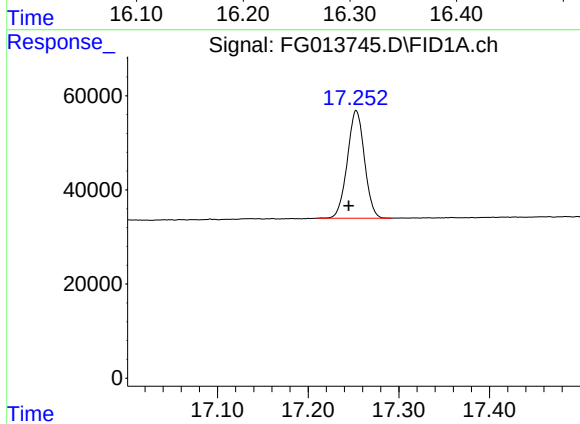
#10 N-TETRACOSANE

R.T.: 15.275 min
Delta R.T.: 0.007 min
Response: 314532
Conc: 2.40 ug/ml



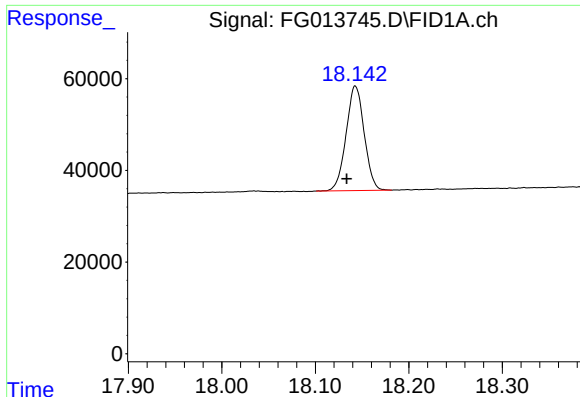
#11 N-HEXACOSANE

R.T.: 16.299 min
Delta R.T.: 0.007 min
Response: 308069
Conc: 2.36 ug/ml



#12 N-OCTACOSANE

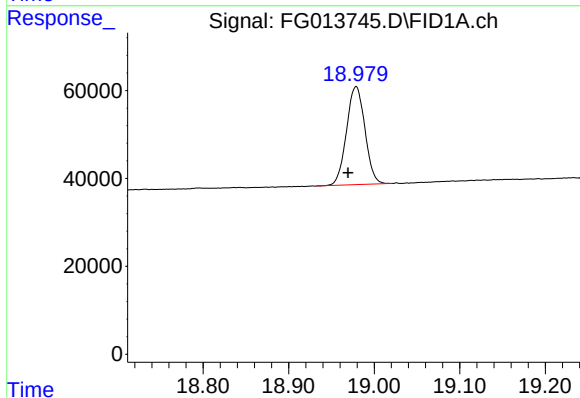
R.T.: 17.253 min
Delta R.T.: 0.008 min
Response: 300428
Conc: 2.33 ug/ml



#13 N-TRIACONTANE

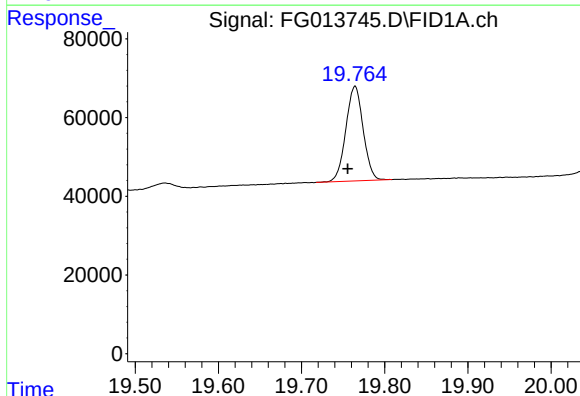
R.T.: 18.143 min
Delta R.T.: 0.009 min
Response: 307044
Conc: 2.37 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT2-2024



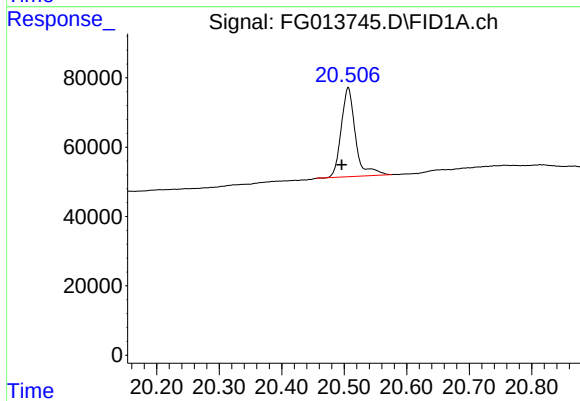
#14 N-DOTRIACONTANE

R.T.: 18.979 min
Delta R.T.: 0.009 min
Response: 334314
Conc: 2.61 ug/ml



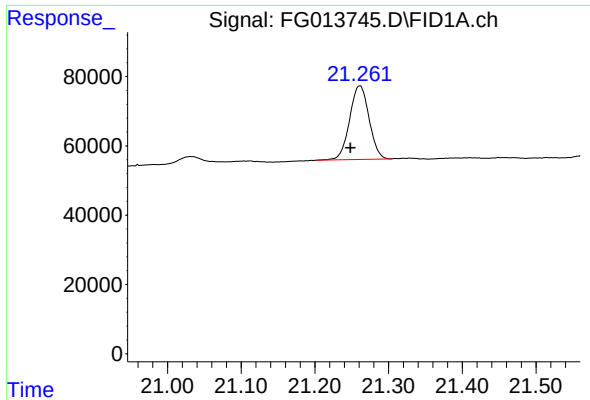
#15 N-TETRATRIACONTANE

R.T.: 19.764 min
Delta R.T.: 0.009 min
Response: 348032
Conc: 2.91 ug/ml



#16 N-HEXATRIACONTANE

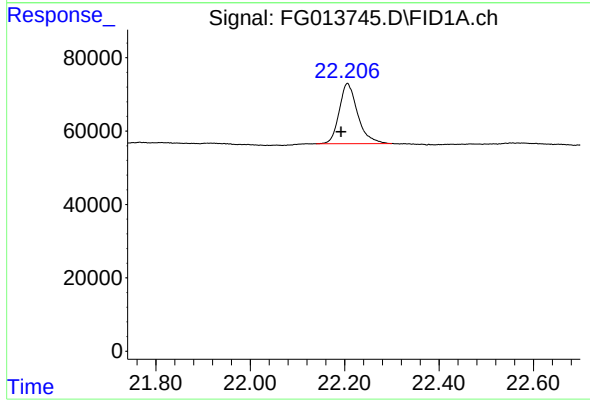
R.T.: 20.506 min
Delta R.T.: 0.010 min
Response: 405931
Conc: 3.70 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.261 min
Delta R.T.: 0.013 min
Response: 389085
Conc: 3.85 ug/ml

Instrument :
FID_G
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.206 min
Delta R.T.: 0.014 min
Response: 443486
Conc: 4.60 ug/ml