

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG073124\
 Data File : FG013992.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 13:50
 Operator : YP\AJ
 Sample : P3390-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 01 03:02:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 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...	14.951	1881040	15.550 ug/ml
Target Compounds			
1) N-OCTANE	1.967	627720	5.217 ug/ml
2) N-DECANE	4.471	700261	5.617 ug/ml
3) N-DODECANE	6.644	729676	5.530 ug/ml
4) N-TETRADECANE	8.476	742312	5.677 ug/ml
5) N-HEXADECANE	10.087	734528	5.511 ug/ml
6) N-OCTADECANE	11.533	750202	5.490 ug/ml
7) N-EICOSANE	12.846	750117	5.612 ug/ml
8) N-DOCOSANE	14.047	733646	5.573 ug/ml
10) N-TETRACOSANE	15.154	721641	5.528 ug/ml
11) N-HEXACOSANE	16.178	718780	5.596 ug/ml
12) N-OCTACOSANE	17.131	717563	5.657 ug/ml
13) N-TRIACONTANE	18.021	733219	5.829 ug/ml
14) N-DOTRIACONTANE	18.856	712480	5.839 ug/ml
15) N-TETRATRIACONTANE	19.641	633433	6.293 ug/ml
16) N-HEXATRIACONTANE	20.384	521704	6.244 ug/ml
17) N-OCTATRIACONTANE	21.116	454746	6.097 ug/ml
18) N-TETRACONTANE	22.018	410077	5.917 ug/ml

(f)=RT Delta > 1/2 Window

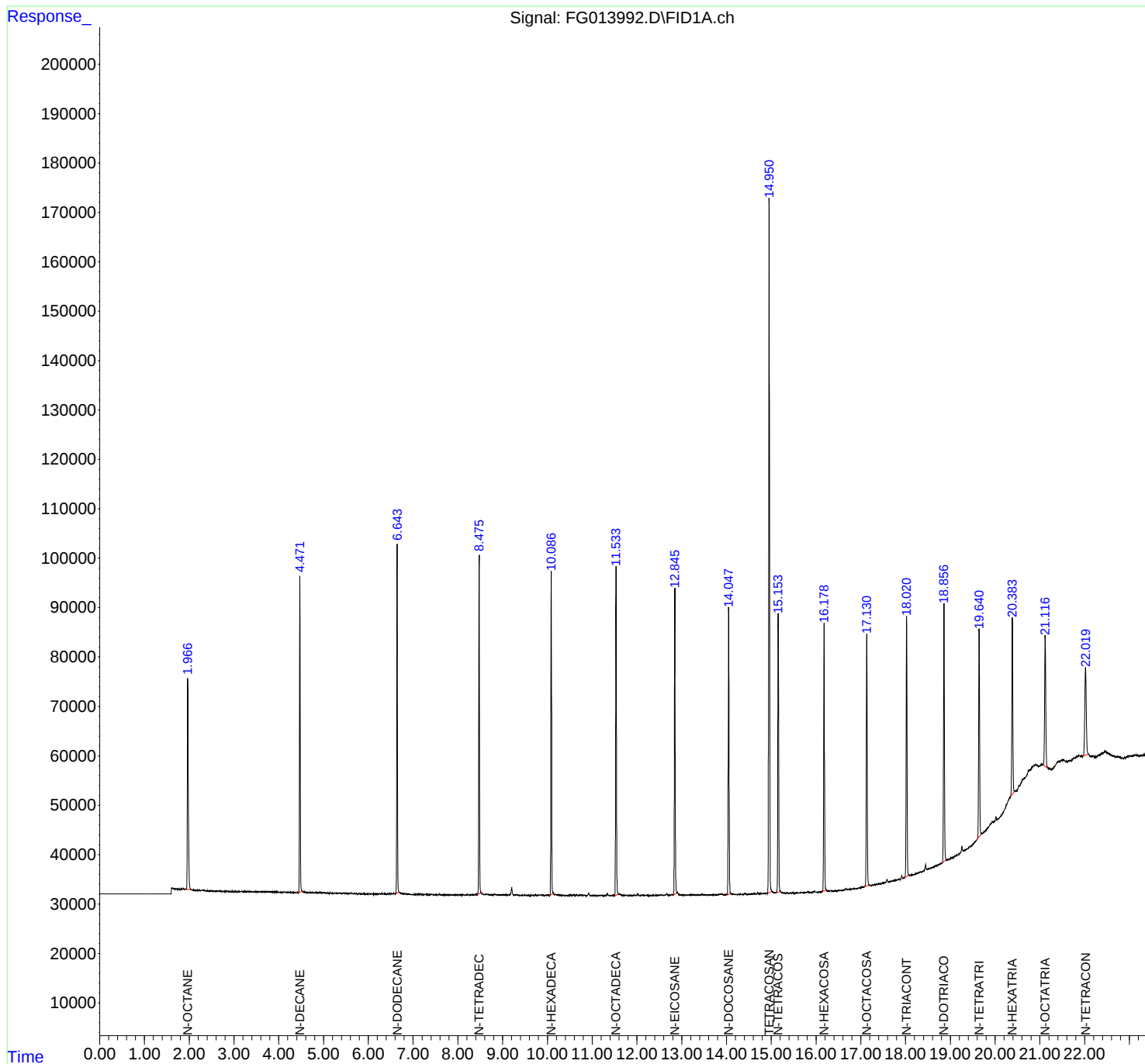
(m)=manual int.

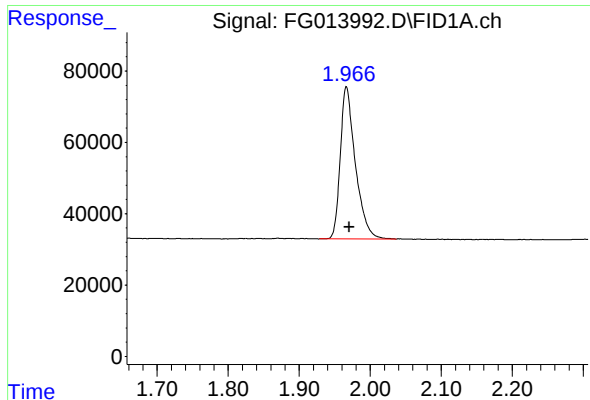
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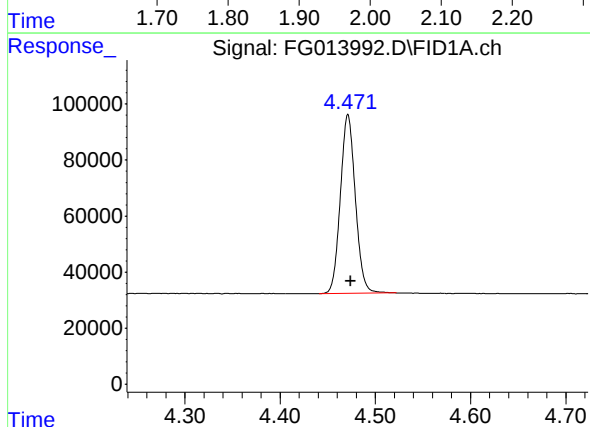




#1 N-OCTANE

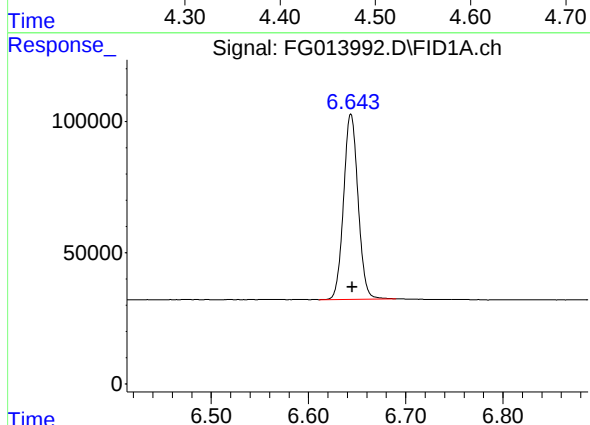
R.T.: 1.967 min
Delta R.T.: -0.004 min
Response: 627720
Conc: 5.22 ug/ml

Instrument :
FID_G
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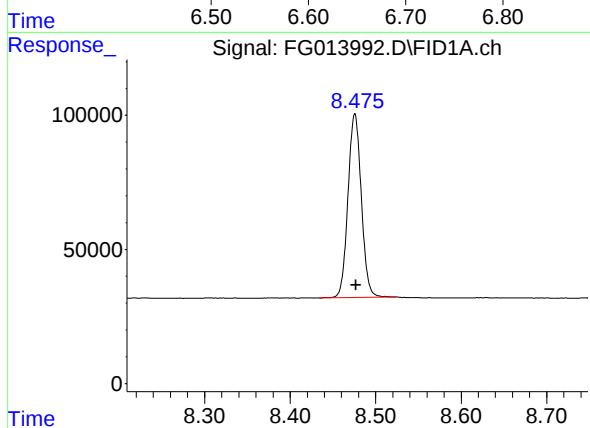
#2 N-DECANE

R.T.: 4.471 min
Delta R.T.: -0.003 min
Response: 700261
Conc: 5.62 ug/ml



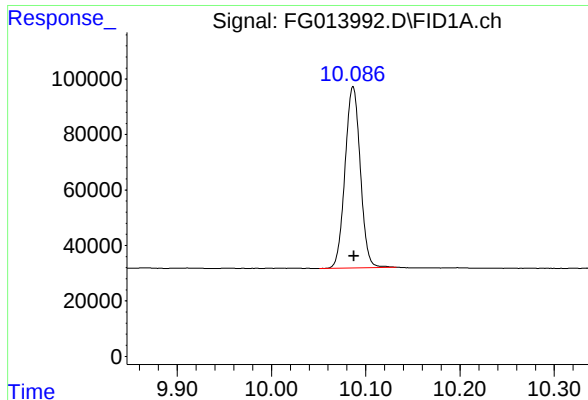
#3 N-DODECANE

R.T.: 6.644 min
Delta R.T.: -0.001 min
Response: 729676
Conc: 5.53 ug/ml



#4 N-TETRADECANE

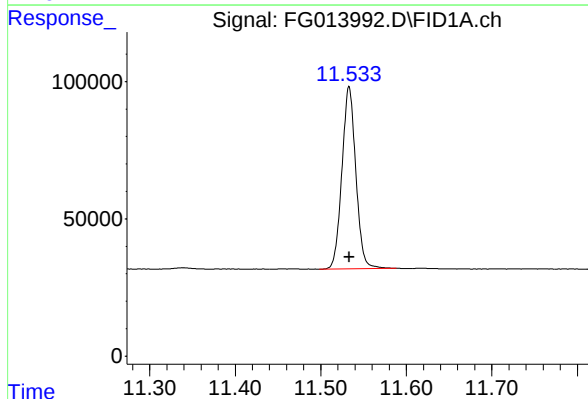
R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 742312
Conc: 5.68 ug/ml



#5 N-HEXADECANE

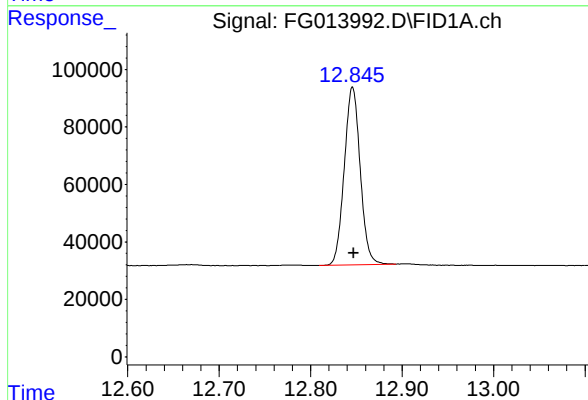
R.T.: 10.087 min
Delta R.T.: 0.000 min
Response: 734528
Conc: 5.51 ug/ml

Instrument :
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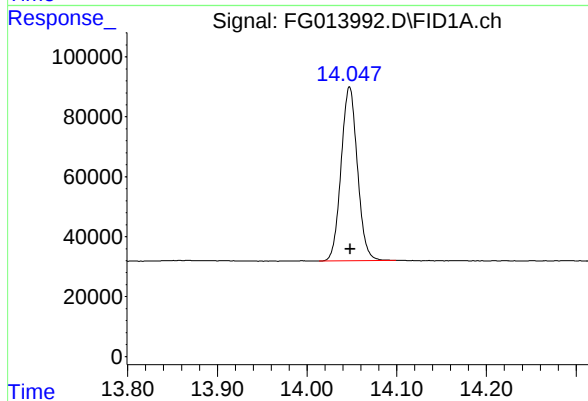
#6 N-OCTADECANE

R.T.: 11.533 min
Delta R.T.: 0.000 min
Response: 750202
Conc: 5.49 ug/ml



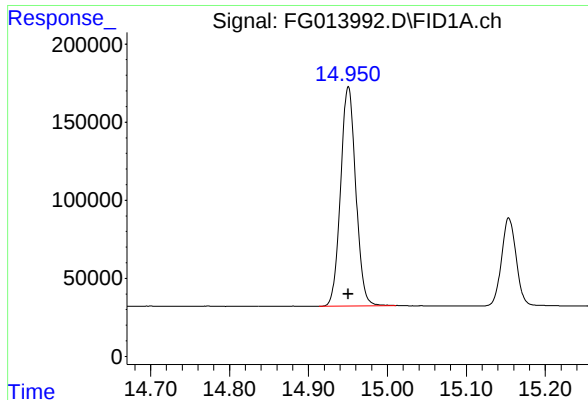
#7 N-EICOSANE

R.T.: 12.846 min
Delta R.T.: -0.001 min
Response: 750117
Conc: 5.61 ug/ml



#8 N-DOCOSANE

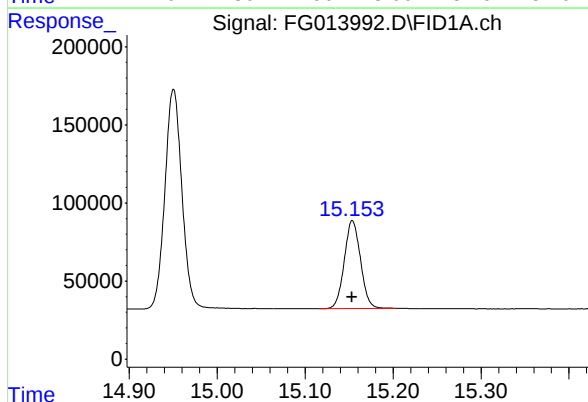
R.T.: 14.047 min
Delta R.T.: -0.001 min
Response: 733646
Conc: 5.57 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

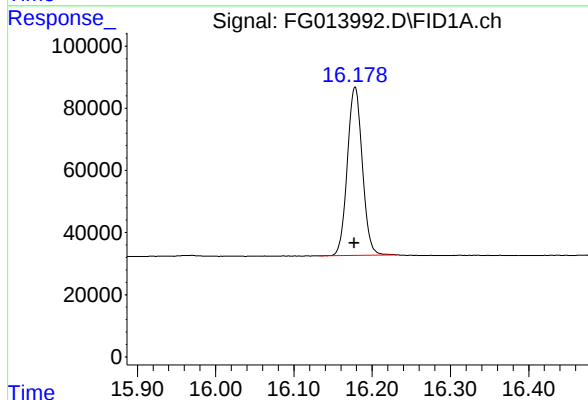
R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 1881040
Conc: 15.55 ug/ml

Instrument :
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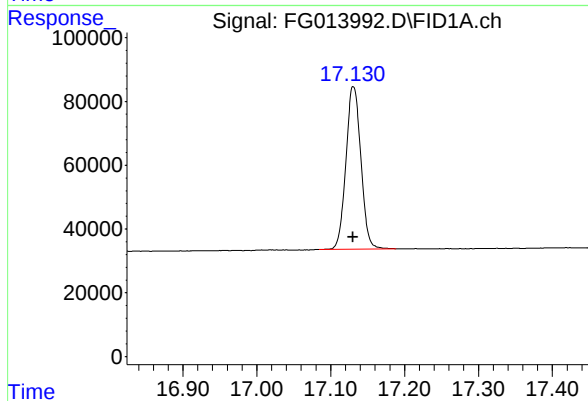
#10 N-TETRACOSANE

R.T.: 15.154 min
Delta R.T.: 0.000 min
Response: 721641
Conc: 5.53 ug/ml



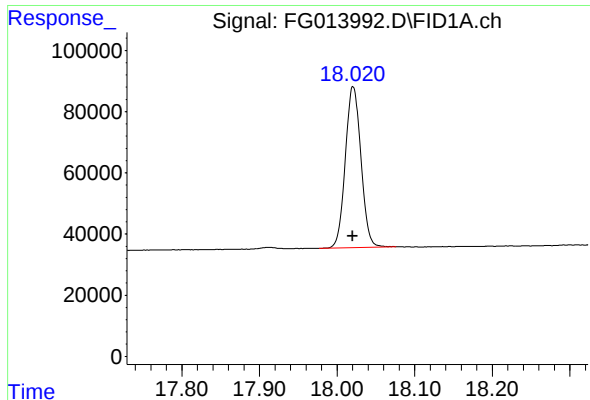
#11 N-HEXACOSANE

R.T.: 16.178 min
Delta R.T.: 0.001 min
Response: 718780
Conc: 5.60 ug/ml



#12 N-OCTACOSANE

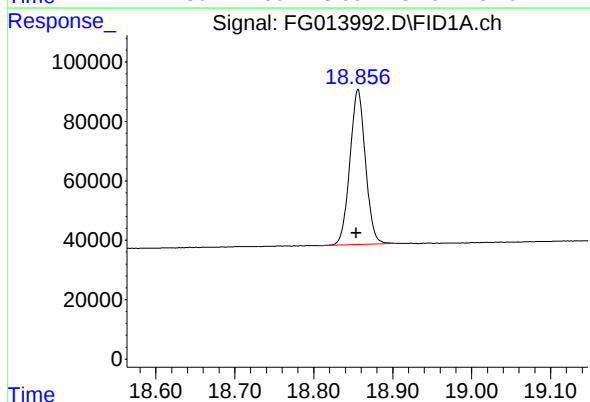
R.T.: 17.131 min
Delta R.T.: 0.000 min
Response: 717563
Conc: 5.66 ug/ml



#13 N-TRIACONTANE

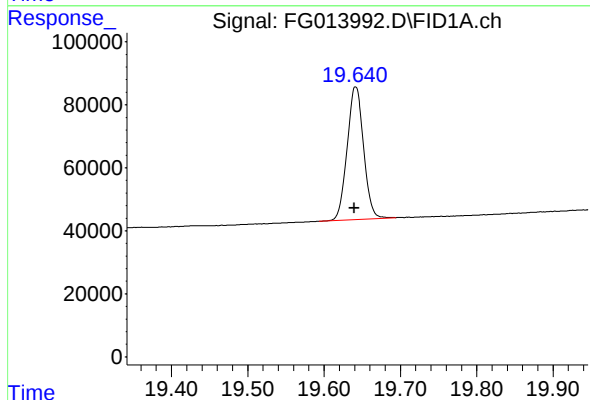
R.T.: 18.021 min
Delta R.T.: 0.000 min
Response: 733219
Conc: 5.83 ug/ml

Instrument :
FID_G
ClientSampleId :
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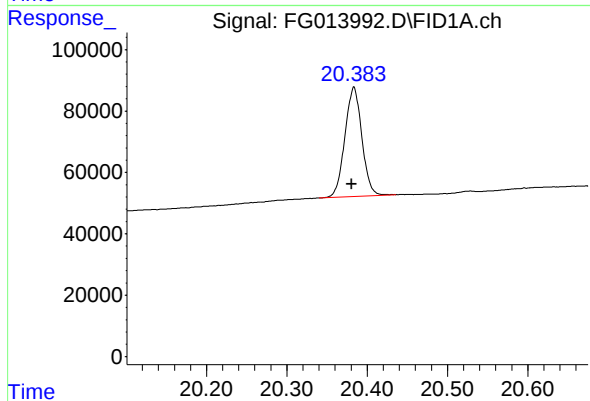
#14 N-DOTRIACONTANE

R.T.: 18.856 min
Delta R.T.: 0.002 min
Response: 712480
Conc: 5.84 ug/ml



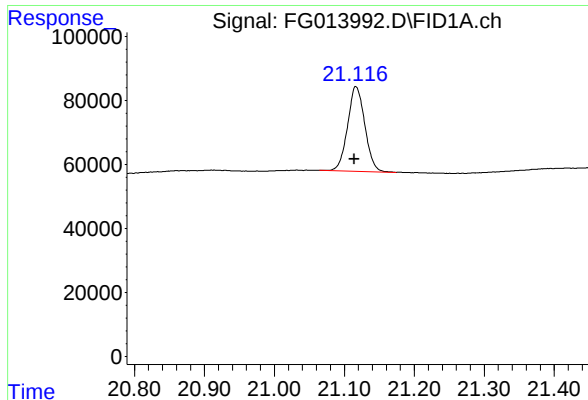
#15 N-TETRATRIACONTANE

R.T.: 19.641 min
Delta R.T.: 0.001 min
Response: 633433
Conc: 6.29 ug/ml



#16 N-HEXATRIACONTANE

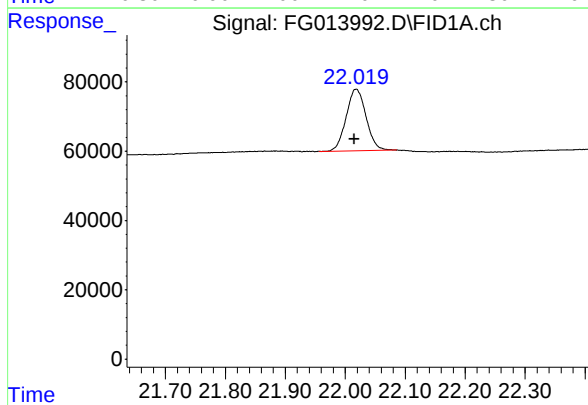
R.T.: 20.384 min
Delta R.T.: 0.003 min
Response: 521704
Conc: 6.24 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.116 min
Delta R.T.: 0.002 min
Response: 454746
Conc: 6.10 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.018 min
Delta R.T.: 0.003 min
Response: 410077
Conc: 5.92 ug/ml