

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051021\
 Data File : FG008033.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2021 14:09
 Operator : DD\AJ
 Sample : M2262-04
 Misc : LOD-SOIL- 2.5 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT2-2021

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Integration File: autoint1.e
 Quant Time: May 11 02:56:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042121.M
 Quant Title :
 QLast Update : Thu Apr 22 01:54:01 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...	14.784	2310028	17.352 ug/ml
Target Compounds			
1) N-OCTANE	2.368	319828	2.157 ug/ml
2) N-DECANE	4.480	388671	2.571 ug/ml
3) N-DODECANE	6.509	391091	2.556 ug/ml
4) N-TETRADECANE	8.310	395903	2.536 ug/ml
5) N-HEXADECANE	9.916	395484	2.553 ug/ml
6) N-OCTADECANE	11.363	394759	2.511 ug/ml
7) N-EICOSANE	12.678	390501	2.520 ug/ml
8) N-DOCOSANE	13.879	376844	2.452 ug/ml
10) N-TETRACOSANE	14.987	368866	2.424 ug/ml
11) N-HEXACOSANE	16.011	349632	2.347 ug/ml
12) N-OCTACOSANE	16.964	346447	2.366 ug/ml
13) N-TRIACONTANE	17.854	357783	2.503 ug/ml
14) N-DOTRIACONTANE	18.688	373604	2.739 ug/ml
15) N-TETRATRIACONTANE	19.474	378679	2.946 ug/ml
16) N-HEXATRIACONTANE	20.216	377523	3.226 ug/ml
17) N-OCTATRIACONTANE	20.979	376810	3.480 ug/ml
18) N-TETRACONTANE	21.939	362443	3.309 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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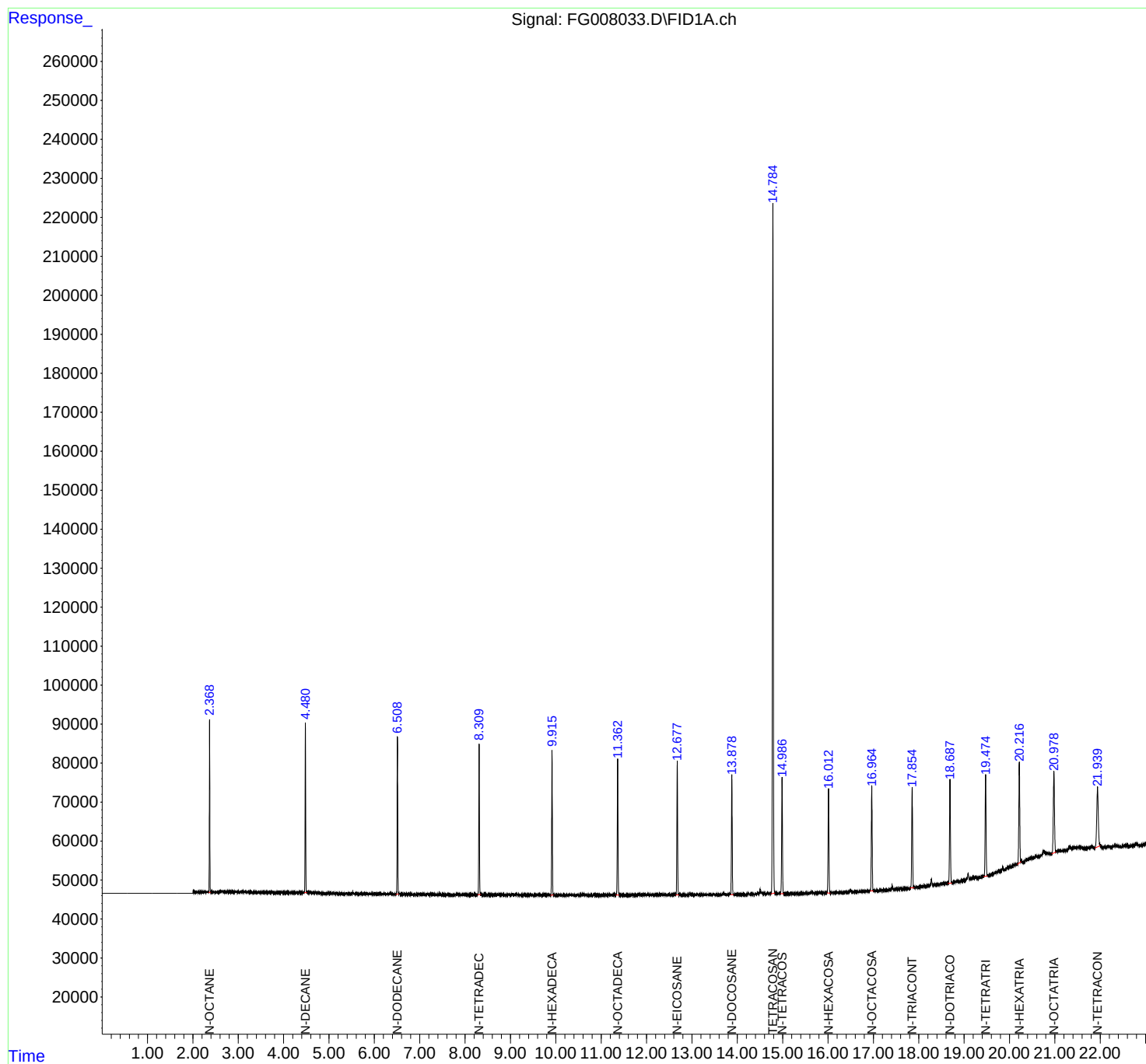
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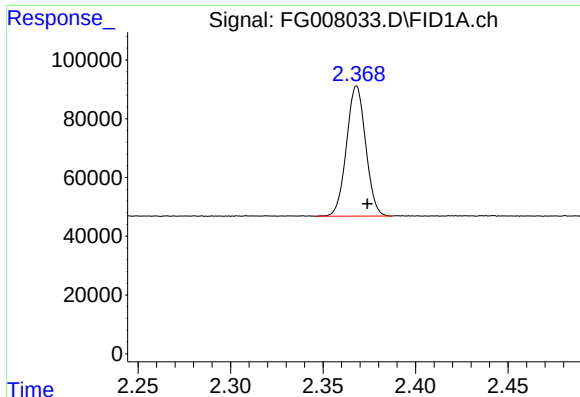
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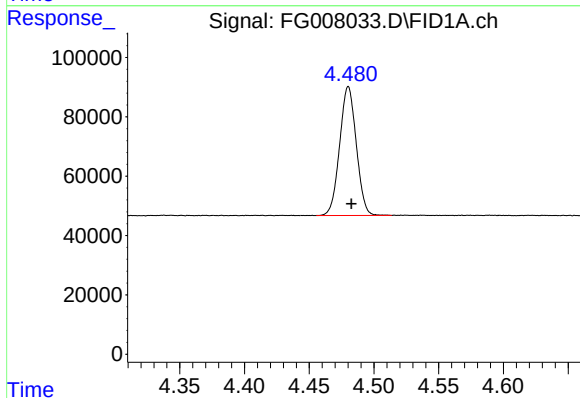
#1 N-OCTANE

R.T.: 2.368 min
Delta R.T.: -0.006 min
Response: 319828
Conc: 2.16 ug/ml

Instrument :
FID_G
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LOD-MDL-SOIL-04-QT2-2021

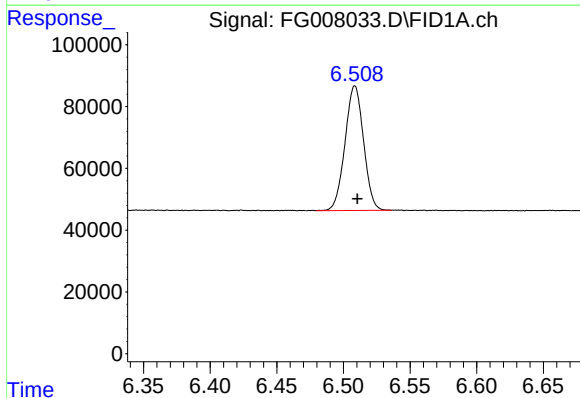
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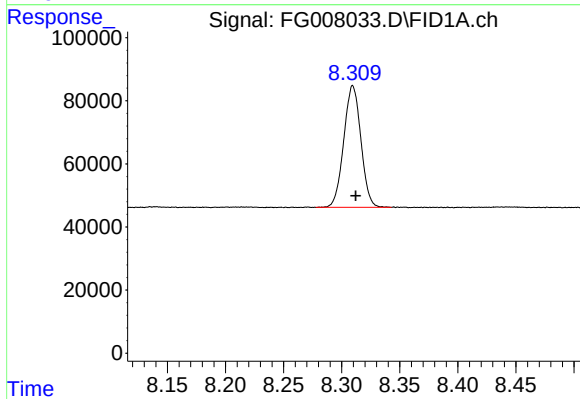
#2 N-DECANE

R.T.: 4.480 min
Delta R.T.: -0.002 min
Response: 388671
Conc: 2.57 ug/ml



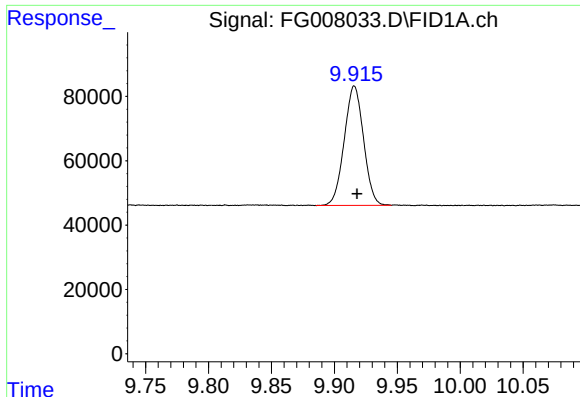
#3 N-DODECANE

R.T.: 6.509 min
Delta R.T.: -0.002 min
Response: 391091
Conc: 2.56 ug/ml



#4 N-TETRADECANE

R.T.: 8.310 min
Delta R.T.: -0.002 min
Response: 395903
Conc: 2.54 ug/ml



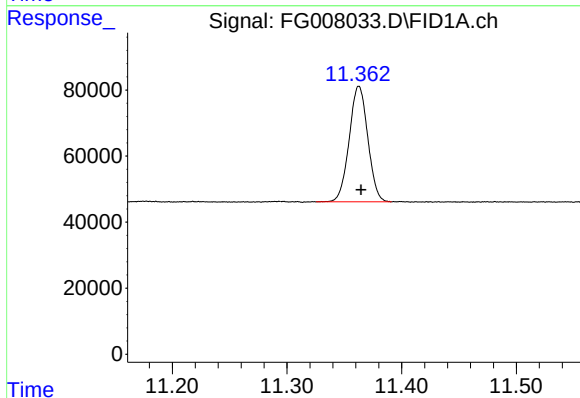
#5 N-HEXADECANE

R.T.: 9.916 min
Delta R.T.: -0.002 min
Response: 395484
Conc: 2.55 ug/ml

Instrument :
FID_G
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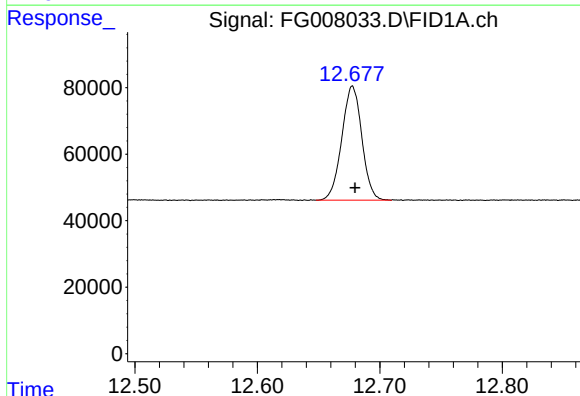
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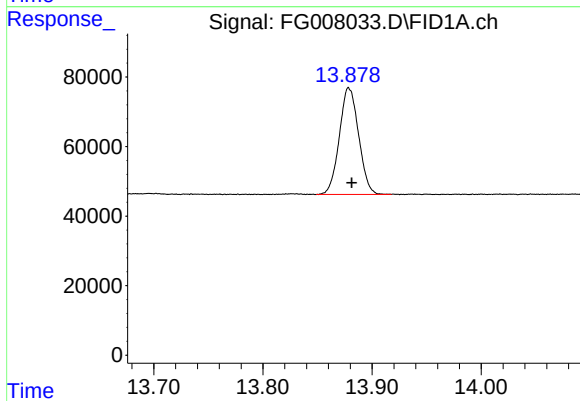
#6 N-OCTADECANE

R.T.: 11.363 min
Delta R.T.: -0.002 min
Response: 394759
Conc: 2.51 ug/ml



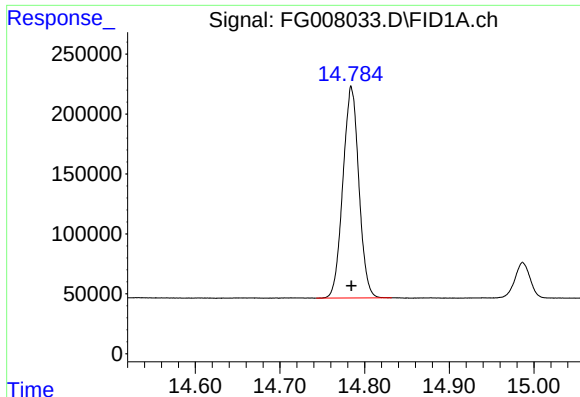
#7 N-EICOSANE

R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 390501
Conc: 2.52 ug/ml



#8 N-DOCOSANE

R.T.: 13.879 min
Delta R.T.: -0.003 min
Response: 376844
Conc: 2.45 ug/ml



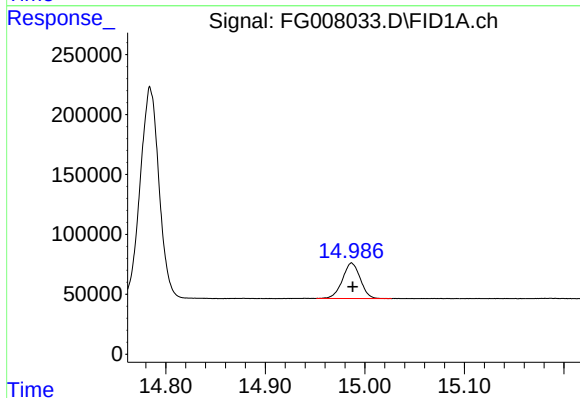
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 2310028
Conc: 17.35 ug/ml

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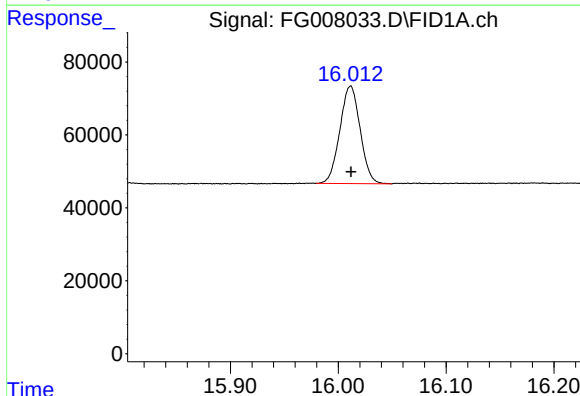
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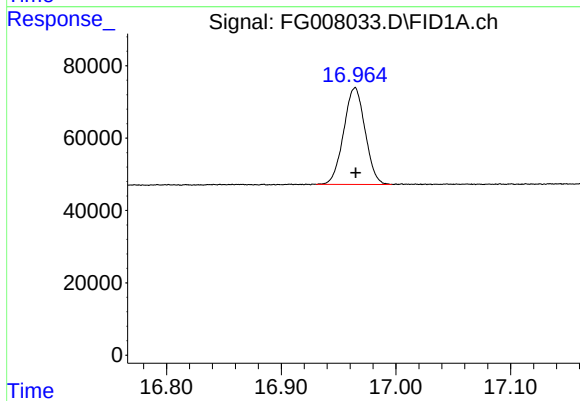
#10 N-TETRACOSANE

R.T.: 14.987 min
Delta R.T.: -0.001 min
Response: 368866
Conc: 2.42 ug/ml



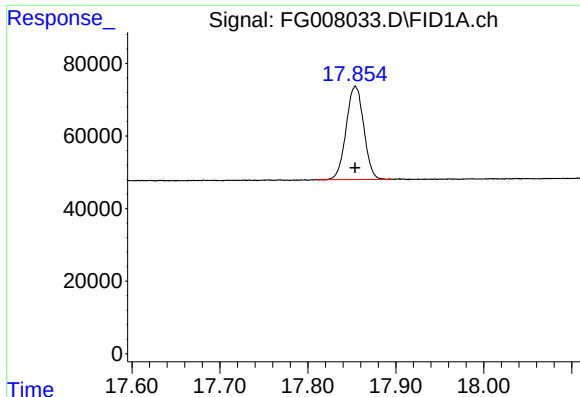
#11 N-HEXACOSANE

R.T.: 16.011 min
Delta R.T.: 0.000 min
Response: 349632
Conc: 2.35 ug/ml



#12 N-OCTACOSANE

R.T.: 16.964 min
Delta R.T.: 0.000 min
Response: 346447
Conc: 2.37 ug/ml



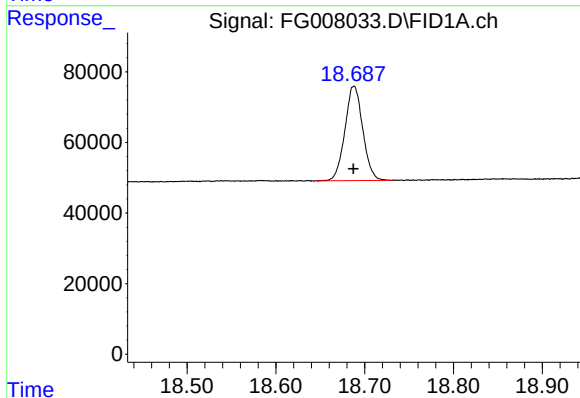
#13 N-TRIACONTANE

R.T.: 17.854 min
Delta R.T.: 0.000 min
Response: 357783
Conc: 2.50 ug/ml

Instrument :
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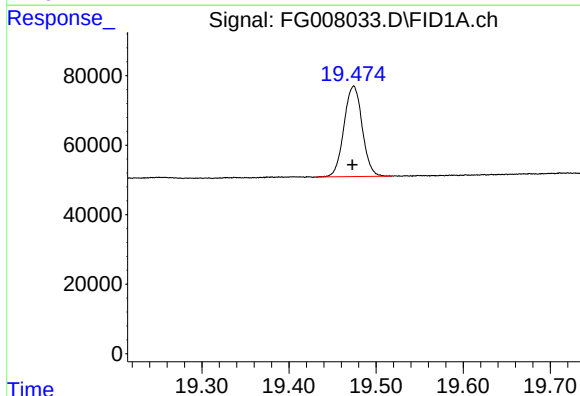
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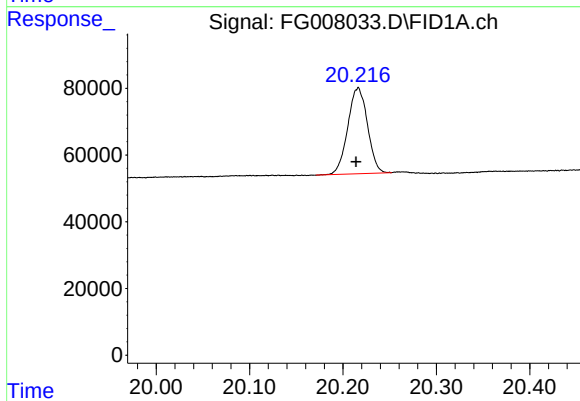
#14 N-DOTRIACONTANE

R.T.: 18.688 min
Delta R.T.: 0.000 min
Response: 373604
Conc: 2.74 ug/ml



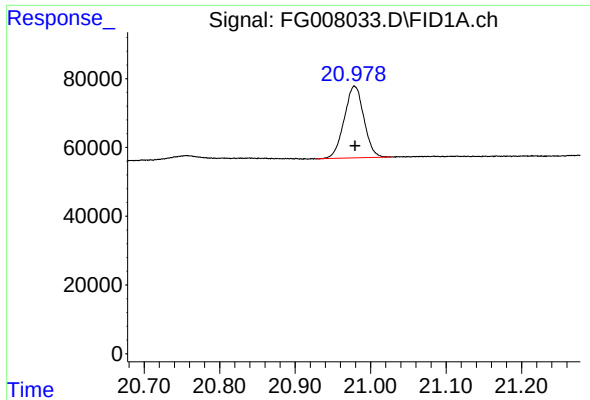
#15 N-TETRATRIACONTANE

R.T.: 19.474 min
Delta R.T.: 0.001 min
Response: 378679
Conc: 2.95 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.216 min
Delta R.T.: 0.002 min
Response: 377523
Conc: 3.23 ug/ml



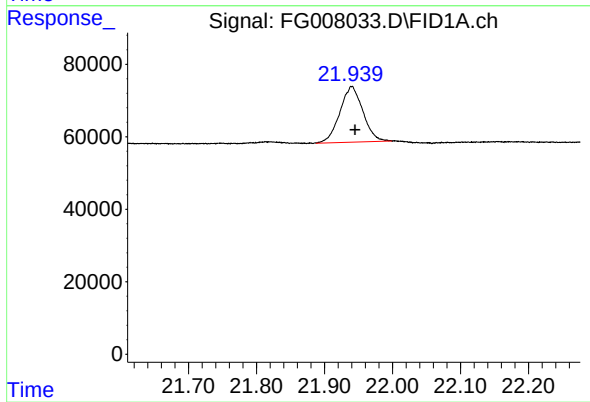
#17 N-OCTATRIACONTANE

R.T.: 20.979 min
Delta R.T.: 0.000 min
Response: 376810
Conc: 3.48 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.939 min
Delta R.T.: -0.006 min
Response: 362443
Conc: 3.31 ug/ml m