

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100224\
 Data File : FG014370.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2024 18:28
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2024
 Supervised By :Ankita Jodhani 10/03/2024

Integration File: autoint1.e
 Quant Time: Oct 03 04:40:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 04:37:54 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...	14.916	620739	5.064 ug/ml
Target Compounds			
1) N-OCTANE	1.942	634970	5.078 ug/ml
2) N-DECANE	4.433	550901	4.681 ug/mlm
3) N-DODECANE	6.606	463682	3.852 ug/ml
4) N-TETRADECANE	8.470	552086	4.660 ug/ml
5) N-HEXADECANE	10.067	607388	5.028 ug/ml
6) N-OCTADECANE	11.507	628298	4.671 ug/ml
7) N-EICOSANE	12.815	697389	5.071 ug/ml
8) N-DOCOSANE	14.014	683808	5.026 ug/ml
10) N-TETRACOSANE	15.122	688095	5.044 ug/ml
11) N-HEXACOSANE	16.144	688451	5.022 ug/ml
12) N-OCTACOSANE	17.095	680899	5.030 ug/ml
13) N-TRIACONTANE	17.985	705109	5.182 ug/ml
14) N-DOTRIACONTANE	18.819	711479	5.355 ug/ml
15) N-TETRATRIACONTANE	19.605	678764	5.267 ug/ml
16) N-HEXATRIACONTANE	20.349	670484	5.279 ug/ml
17) N-OCTATRIACONTANE	21.080	589618	5.285 ug/ml
18) N-TETRACONTANE	21.982	574643	5.578 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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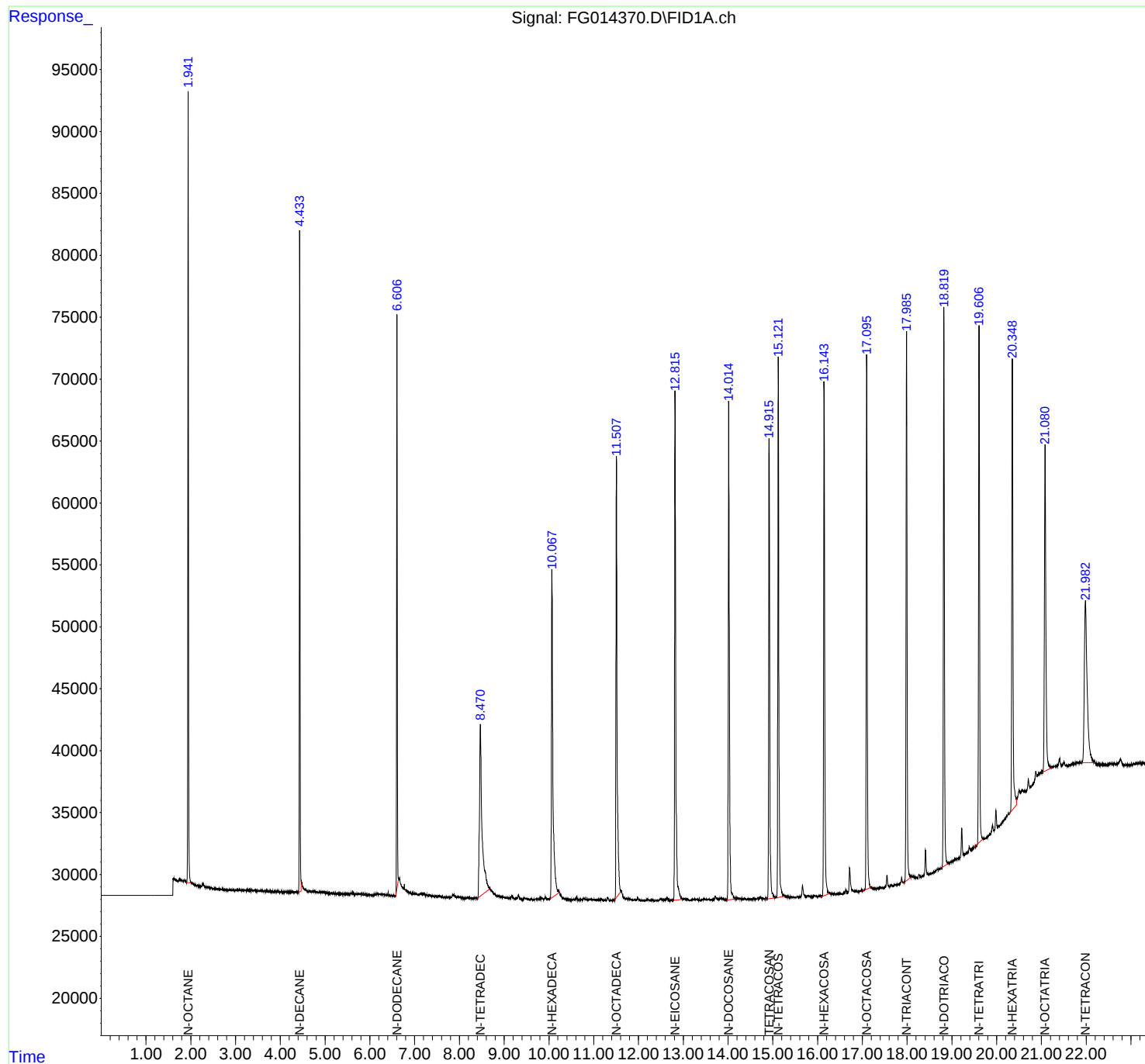
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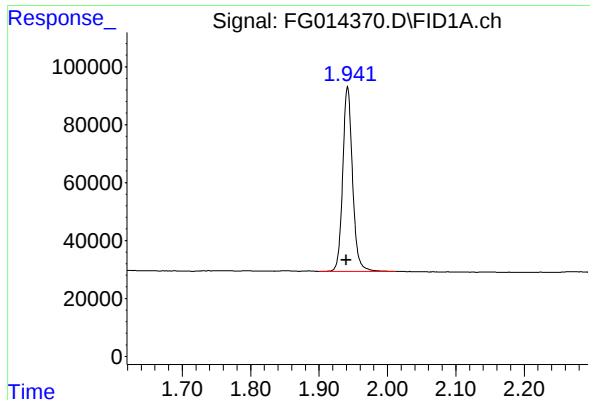
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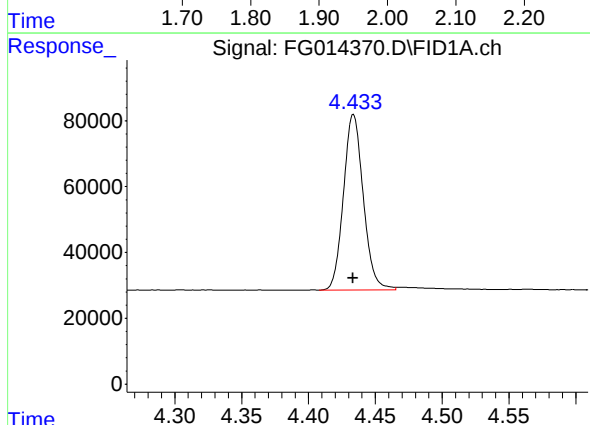
#1 N-OCTANE

R.T.: 1.942 min
Delta R.T.: 0.002 min
Response: 634970
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

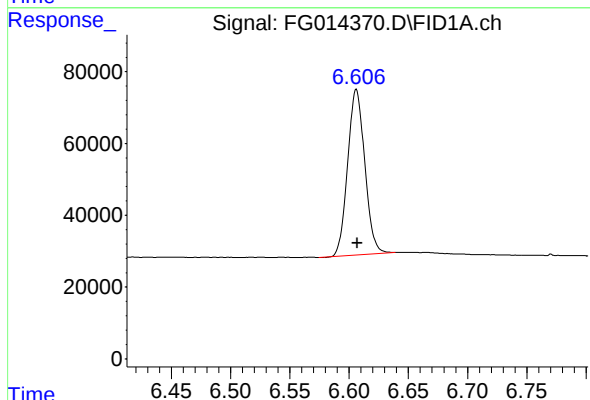
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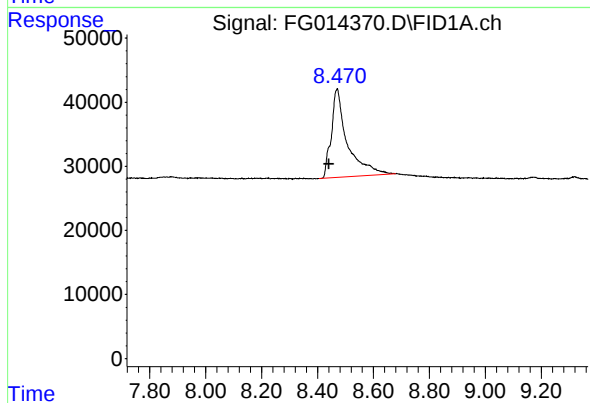
#2 N-DECANE

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 550901
Conc: 4.68 ug/ml m



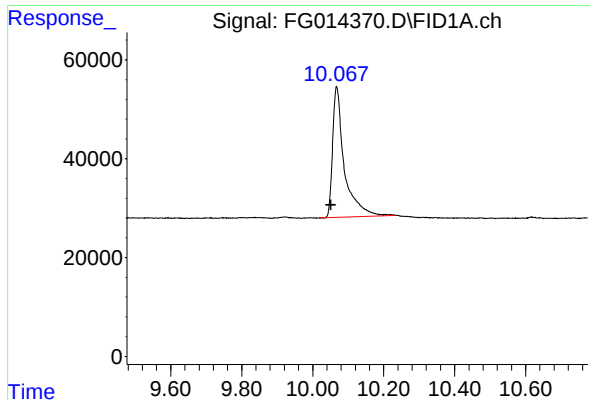
#3 N-DODECANE

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 463682
Conc: 3.85 ug/ml



#4 N-TETRADECANE

R.T.: 8.470 min
Delta R.T.: 0.029 min
Response: 552086
Conc: 4.66 ug/ml



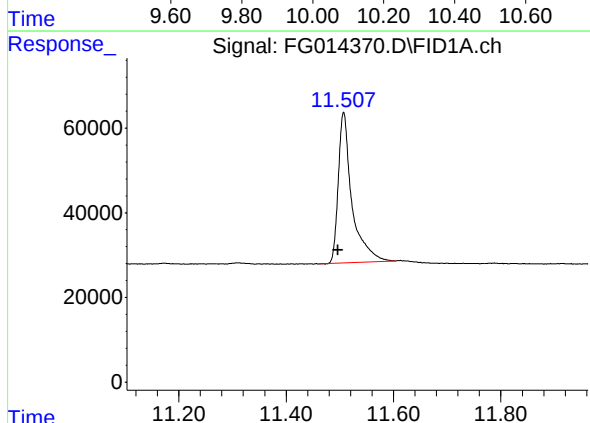
#5 N-HEXADECANE

R.T.: 10.067 min
Delta R.T.: 0.016 min
Response: 607388
Conc: 5.03 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

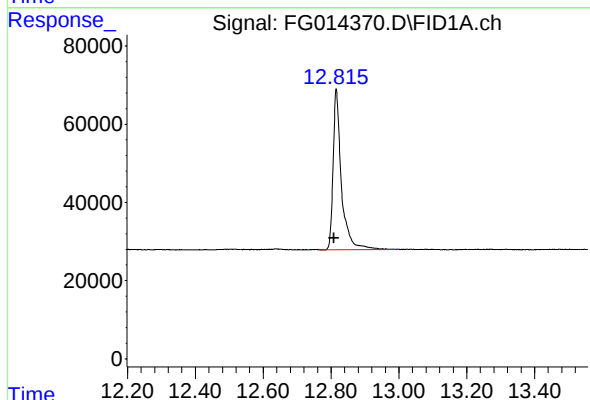
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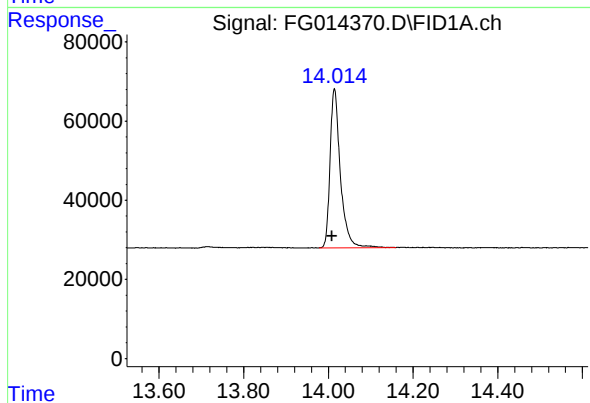
#6 N-OCTADECANE

R.T.: 11.507 min
Delta R.T.: 0.011 min
Response: 628298
Conc: 4.67 ug/ml



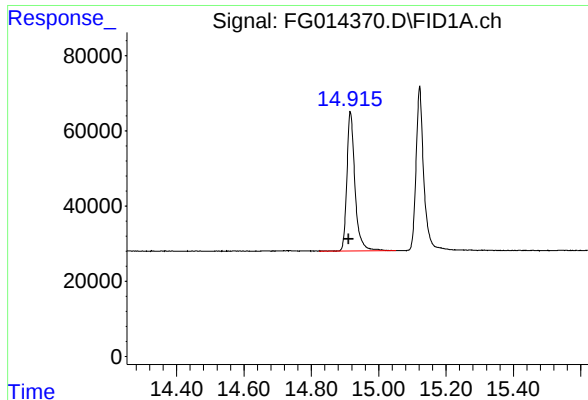
#7 N-EICOSANE

R.T.: 12.815 min
Delta R.T.: 0.006 min
Response: 697389
Conc: 5.07 ug/ml



#8 N-DOCOSANE

R.T.: 14.014 min
Delta R.T.: 0.006 min
Response: 683808
Conc: 5.03 ug/ml



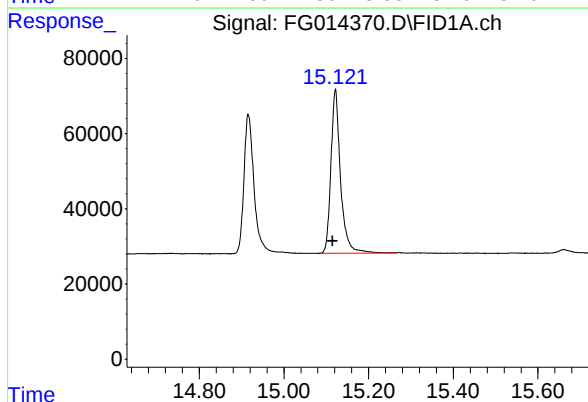
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.916 min
Delta R.T.: 0.005 min
Response: 620739
Conc: 5.06 ug/ml

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5 TRPH STD

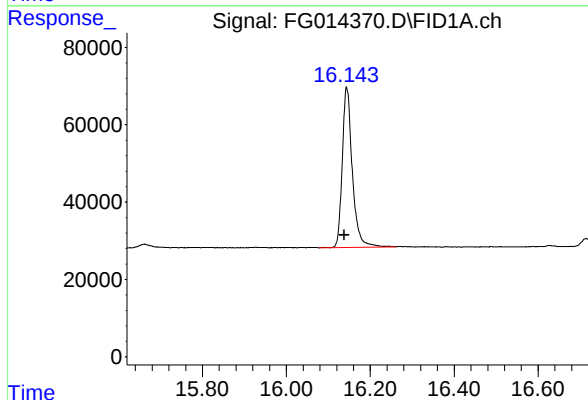
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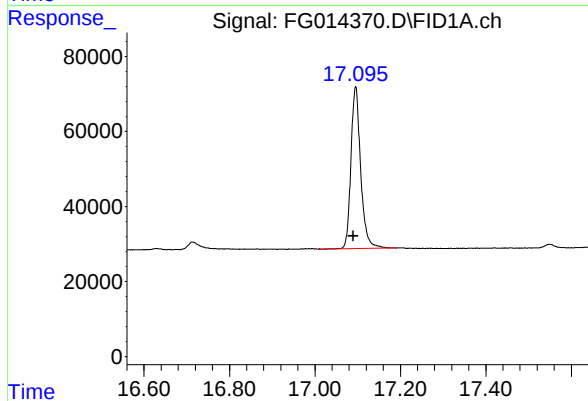
#10 N-TETRACOSANE

R.T.: 15.122 min
Delta R.T.: 0.007 min
Response: 688095
Conc: 5.04 ug/ml



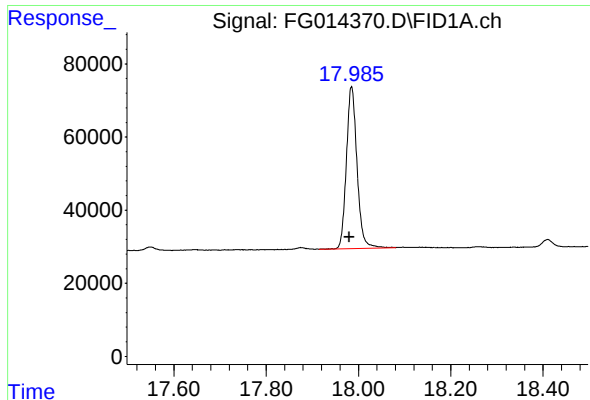
#11 N-HEXACOSANE

R.T.: 16.144 min
Delta R.T.: 0.006 min
Response: 688451
Conc: 5.02 ug/ml



#12 N-OCTACOSANE

R.T.: 17.095 min
Delta R.T.: 0.005 min
Response: 680899
Conc: 5.03 ug/ml



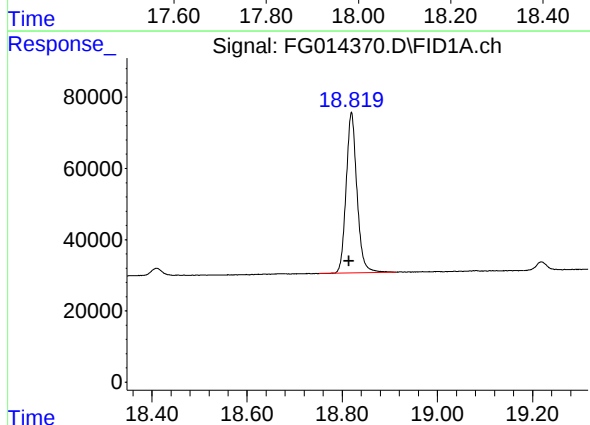
#13 N-TRIACONTANE

R.T.: 17.985 min
Delta R.T.: 0.004 min
Response: 705109
Conc: 5.18 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

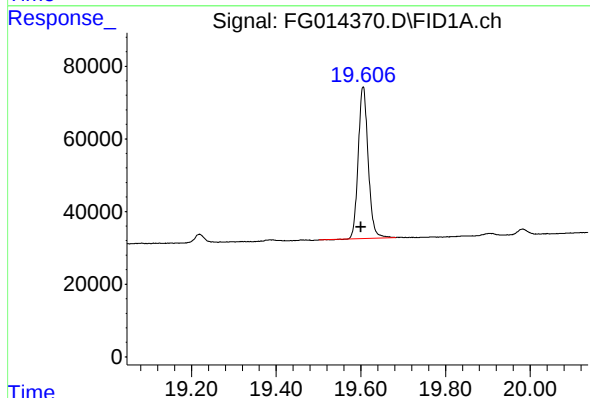
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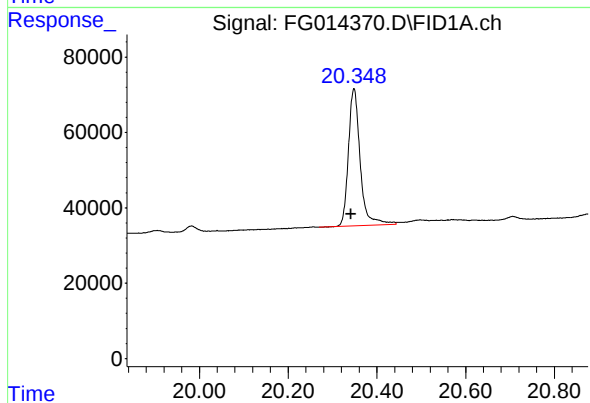
#14 N-DOTRIACONTANE

R.T.: 18.819 min
Delta R.T.: 0.006 min
Response: 711479
Conc: 5.36 ug/ml



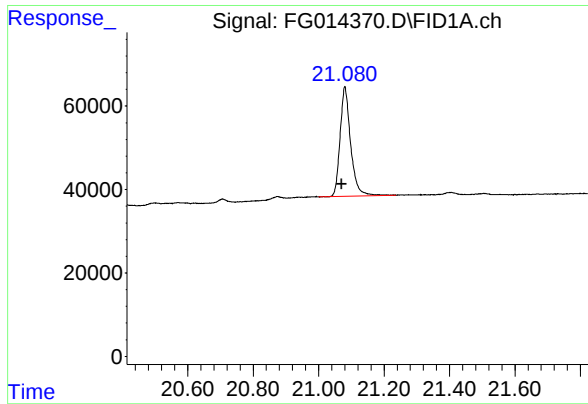
#15 N-TETRATRIACONTANE

R.T.: 19.605 min
Delta R.T.: 0.005 min
Response: 678764
Conc: 5.27 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.349 min
Delta R.T.: 0.006 min
Response: 670484
Conc: 5.28 ug/ml



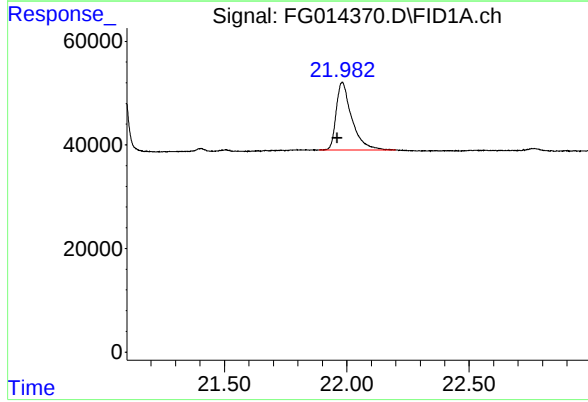
#17 N-OCTATRIACONTANE

R.T.: 21.080 min
Delta R.T.: 0.009 min
Response: 589618
Conc: 5.29 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.982 min
Delta R.T.: 0.021 min
Response: 574643
Conc: 5.58 ug/ml