

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110823\
 Data File : FG013172.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2023 16:33
 Operator : YP\AJ
 Sample : PB156990BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB156990BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :Ankita Jodhani 11/09/2023

Integration File: autoint1.e
 Quant Time: Nov 08 23:11:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG101623.M
 Quant Title :
 QLast Update : Mon Oct 16 12:31:23 2023
 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...	15.087	1996255	19.056 ug/ml
Target Compounds			
1) N-OCTANE	2.068	2201033	19.355 ug/ml
2) N-DECANE	4.593	2289933	19.917 ug/ml
3) N-DODECANE	6.769	2262605	19.588 ug/ml
4) N-TETRADECANE	8.603	2190079	19.207 ug/ml
5) N-HEXADECANE	10.217	2228259	19.190 ug/ml
6) N-OCTADECANE	11.667	2218156	19.103 ug/ml
7) N-EICOSANE	12.981	2195184	19.070 ug/ml
8) N-DOCOSANE	14.183	2119960	19.159 ug/ml
10) N-TETRACOSANE	15.291	2242840	20.413 ug/ml
11) N-HEXACOSANE	16.315	2087725	19.400 ug/ml
12) N-OCTACOSANE	17.267	2096624	19.663 ug/ml
13) N-TRIACONTANE	18.156	2146302	20.040 ug/ml
14) N-DOTRIACONTANE	18.990	2130385	20.353 ug/ml
15) N-TETRATRIACONTANE	19.775	1885448	20.715 ug/ml
16) N-HEXATRIACONTANE	20.516	1483892	20.175 ug/ml
17) N-OCTATRIACONTANE	21.273	1387245	19.600 ug/mlm
18) N-TETRACONTANE	22.227	1325696	18.289 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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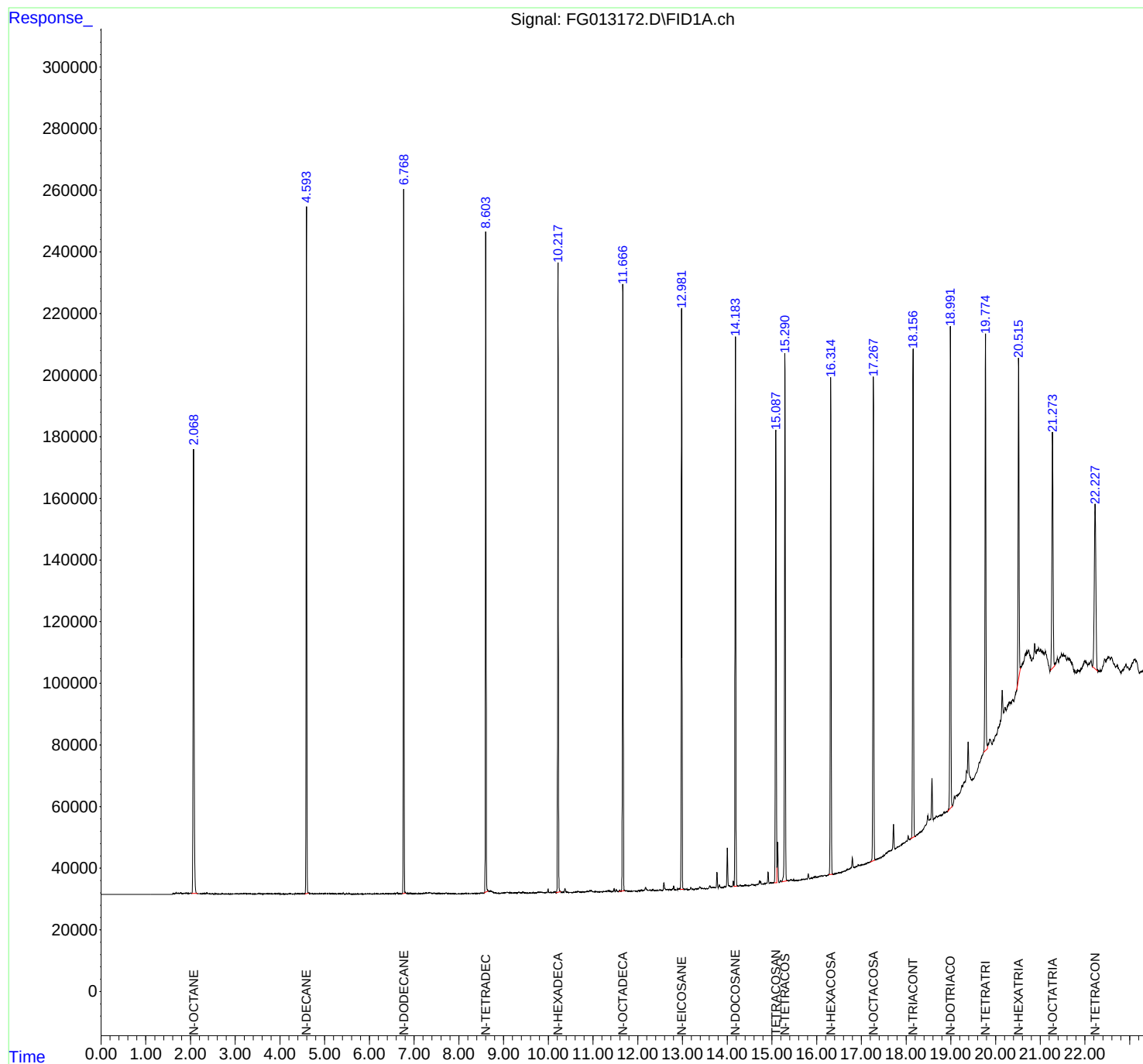
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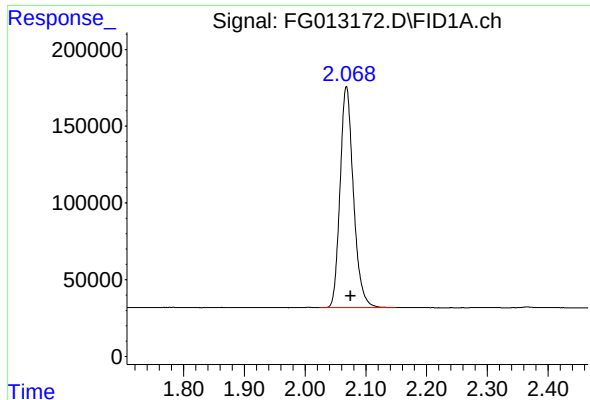
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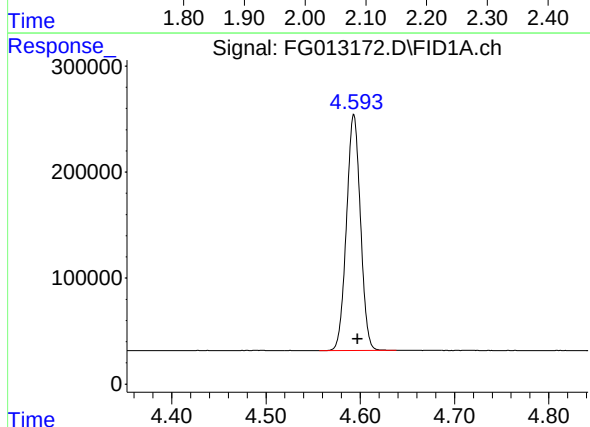
#1 N-OCTANE

R.T.: 2.068 min
Delta R.T.: -0.007 min
Response: 2201033
Conc: 19.35 ug/ml

Instrument :
FID_G
ClientSampleId :
PB156990BS

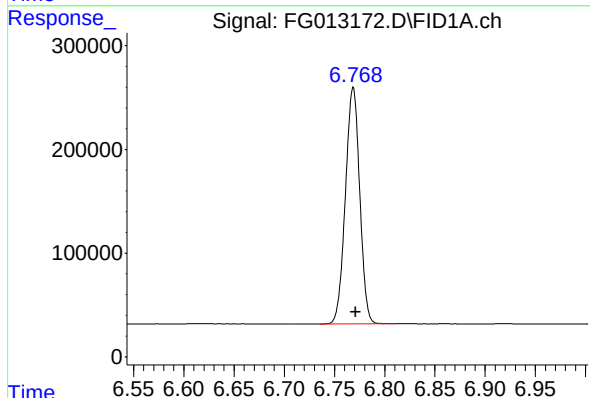
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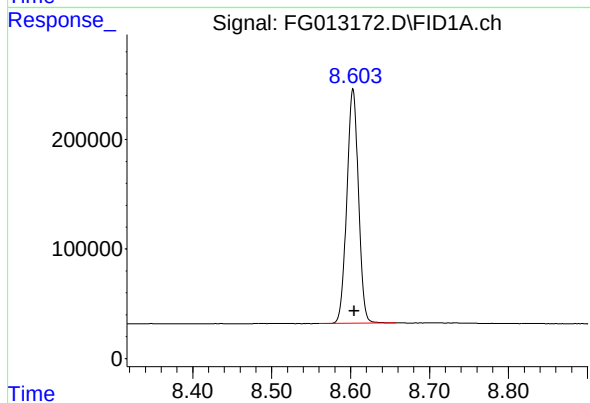
#2 N-DECANE

R.T.: 4.593 min
Delta R.T.: -0.004 min
Response: 2289933
Conc: 19.92 ug/ml



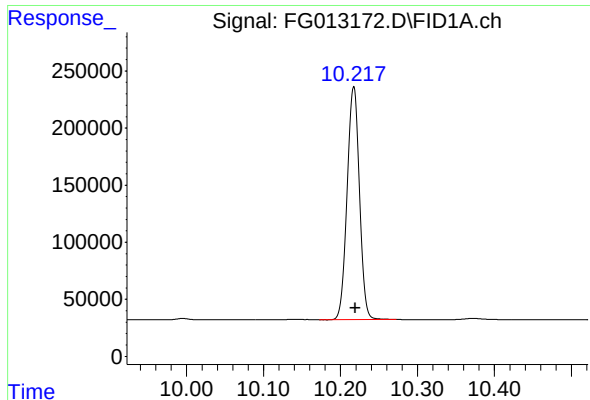
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 2262605
Conc: 19.59 ug/ml



#4 N-TETRADECANE

R.T.: 8.603 min
Delta R.T.: -0.002 min
Response: 2190079
Conc: 19.21 ug/ml



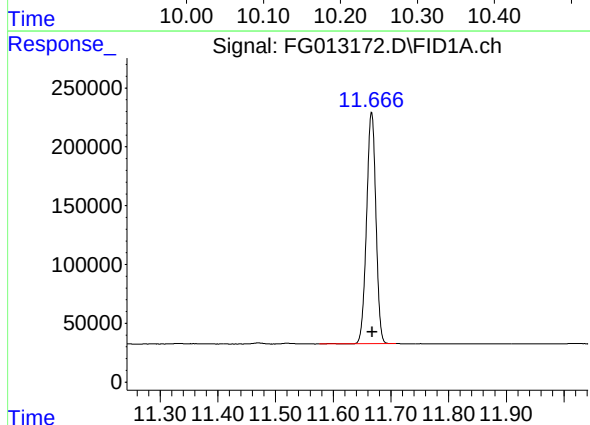
#5 N-HEXADECANE

R.T.: 10.217 min
Delta R.T.: -0.002 min
Response: 2228259
Conc: 19.19 ug/ml

Instrument :
FID_G
ClientSampleId :
PB156990BS

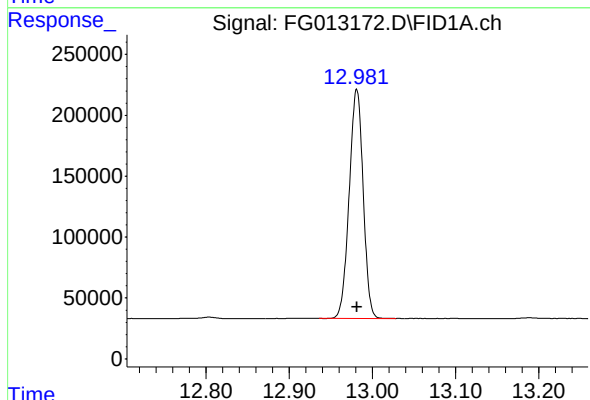
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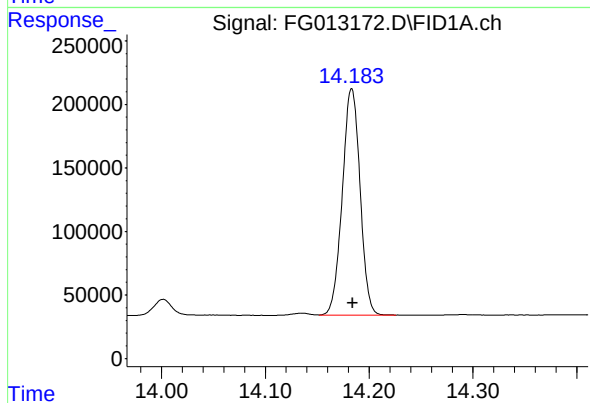
#6 N-OCTADECANE

R.T.: 11.667 min
Delta R.T.: -0.001 min
Response: 2218156
Conc: 19.10 ug/ml



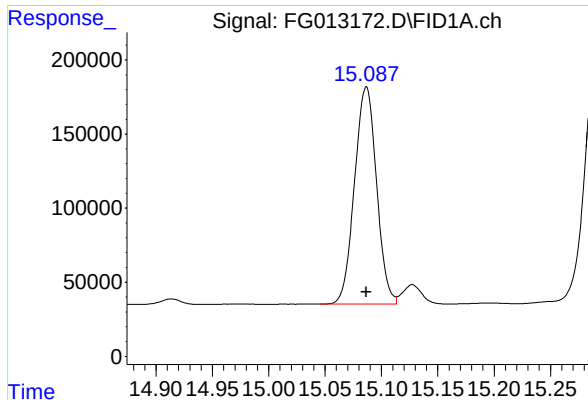
#7 N-EICOSANE

R.T.: 12.981 min
Delta R.T.: 0.000 min
Response: 2195184
Conc: 19.07 ug/ml



#8 N-DOCOSANE

R.T.: 14.183 min
Delta R.T.: 0.000 min
Response: 2119960
Conc: 19.16 ug/ml



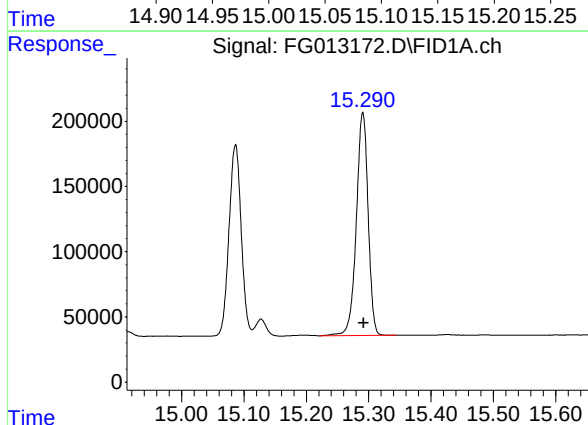
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.087 min
Delta R.T.: 0.000 min
Response: 1996255
Conc: 19.06 ug/ml

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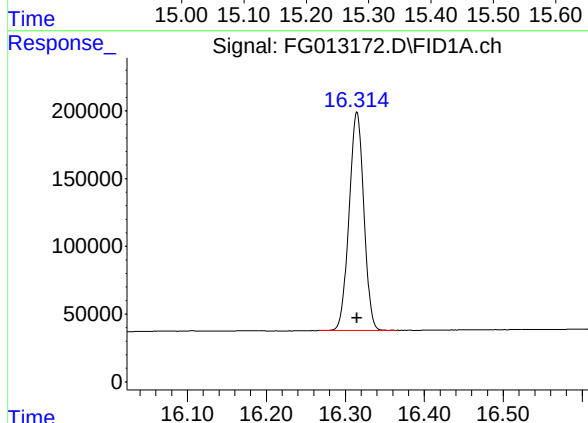
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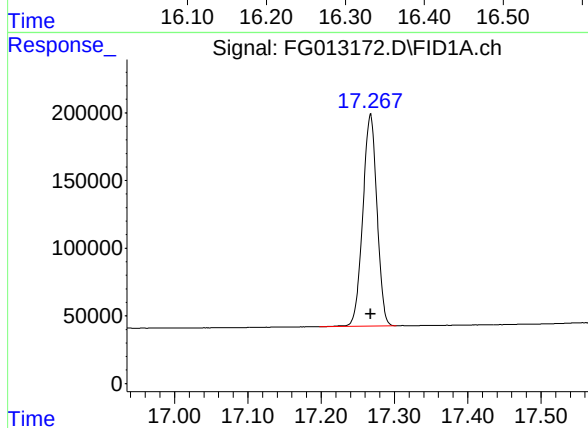
#10 N-TETRACOSANE

R.T.: 15.291 min
Delta R.T.: -0.001 min
Response: 2242840
Conc: 20.41 ug/ml



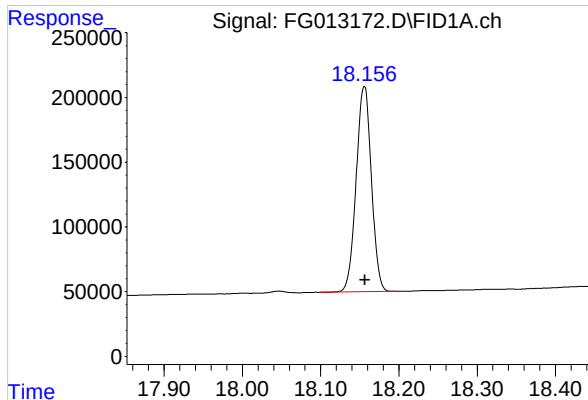
#11 N-HEXACOSANE

R.T.: 16.315 min
Delta R.T.: 0.000 min
Response: 2087725
Conc: 19.40 ug/ml



#12 N-OCTACOSANE

R.T.: 17.267 min
Delta R.T.: 0.000 min
Response: 2096624
Conc: 19.66 ug/ml



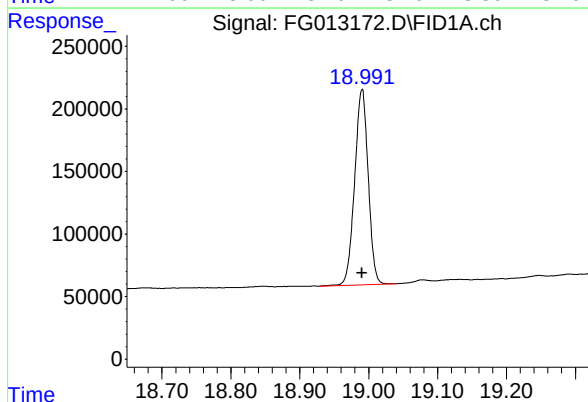
#13 N-TRIACONTANE

R.T.: 18.156 min
Delta R.T.: 0.000 min
Response: 2146302
Conc: 20.04 ug/ml

Instrument :
FID_G
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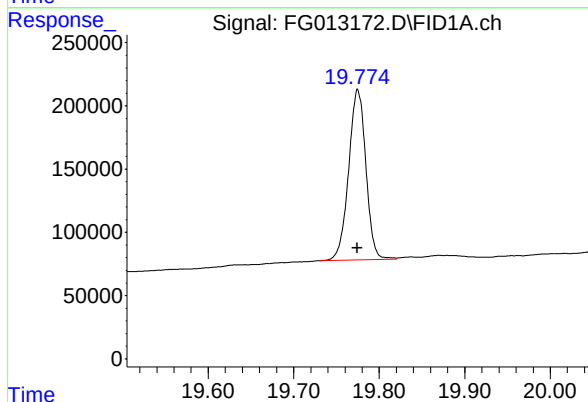
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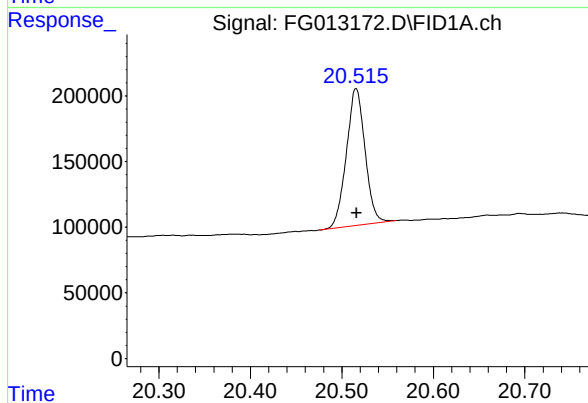
#14 N-DOTRIACONTANE

R.T.: 18.990 min
Delta R.T.: 0.000 min
Response: 2130385
Conc: 20.35 ug/ml



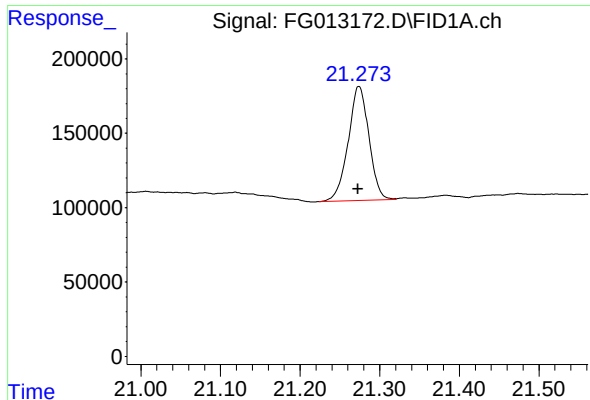
#15 N-TETRATRIACONTANE

R.T.: 19.775 min
Delta R.T.: 0.000 min
Response: 1885448
Conc: 20.71 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.516 min
Delta R.T.: 0.000 min
Response: 1483892
Conc: 20.18 ug/ml



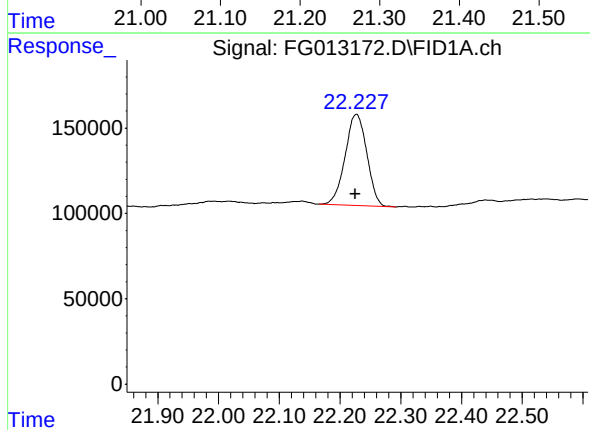
#17 N-OCTATRIACONTANE

R.T.: 21.273 min
Delta R.T.: 0.000 min
Response: 1387245
Conc: 19.60 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.227 min
Delta R.T.: 0.002 min
Response: 1325696
Conc: 18.29 ug/ml