

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052623\
 Data File : FF012767.D
 Signal(s) : FID2B.ch
 Acq On : 26 May 2023 16:57
 Operator : YP\AJ
 Sample : 02937-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 AU-06-052423MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/30/2023
 Supervised By :Ankita Jodhani 05/30/2023

Integration File: autoint1.e
 Quant Time: May 27 02:52:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF050523.M
 Quant Title :
 QLast Update : Fri May 05 16:23:08 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...	14.992	1796451	14.881 ug/ml
Target Compounds			
1) N-OCTANE	2.038	1683496	12.937 ug/ml
2) N-DECANE	4.552	2163680	16.209 ug/ml
3) N-DODECANE	6.715	2249380	17.213 ug/ml
4) N-TETRADECANE	8.540	2361134	18.321 ug/ml
5) N-HEXADECANE	10.145	2596067	19.262 ug/ml
6) N-OCTADECANE	11.586	2934474	21.185 ug/ml
7) N-EICOSANE	12.895	2895577	20.917 ug/mlm
8) N-DOCOSANE	14.094	2775336	20.717 ug/ml
10) N-TETRACOSANE	15.196	3074811	23.043 ug/ml
11) N-HEXACOSANE	16.217	2530758	19.522 ug/ml
12) N-OCTACOSANE	17.167	2728106	21.527 ug/ml
13) N-TRIACONTANE	18.057	3306281	26.436 ug/ml
14) N-DOTRIACONTANE	18.891	3160783	26.459 ug/ml
15) N-TETRATRIACONTANE	19.674	2174933	19.772 ug/mlm
16) N-HEXATRIACONTANE	20.416	1782811	17.133 ug/mlm
17) N-OCTATRIACONTANE	21.151	1442399	14.343 ug/mlm
18) N-TETRACONTANE	22.053	1763956	17.028 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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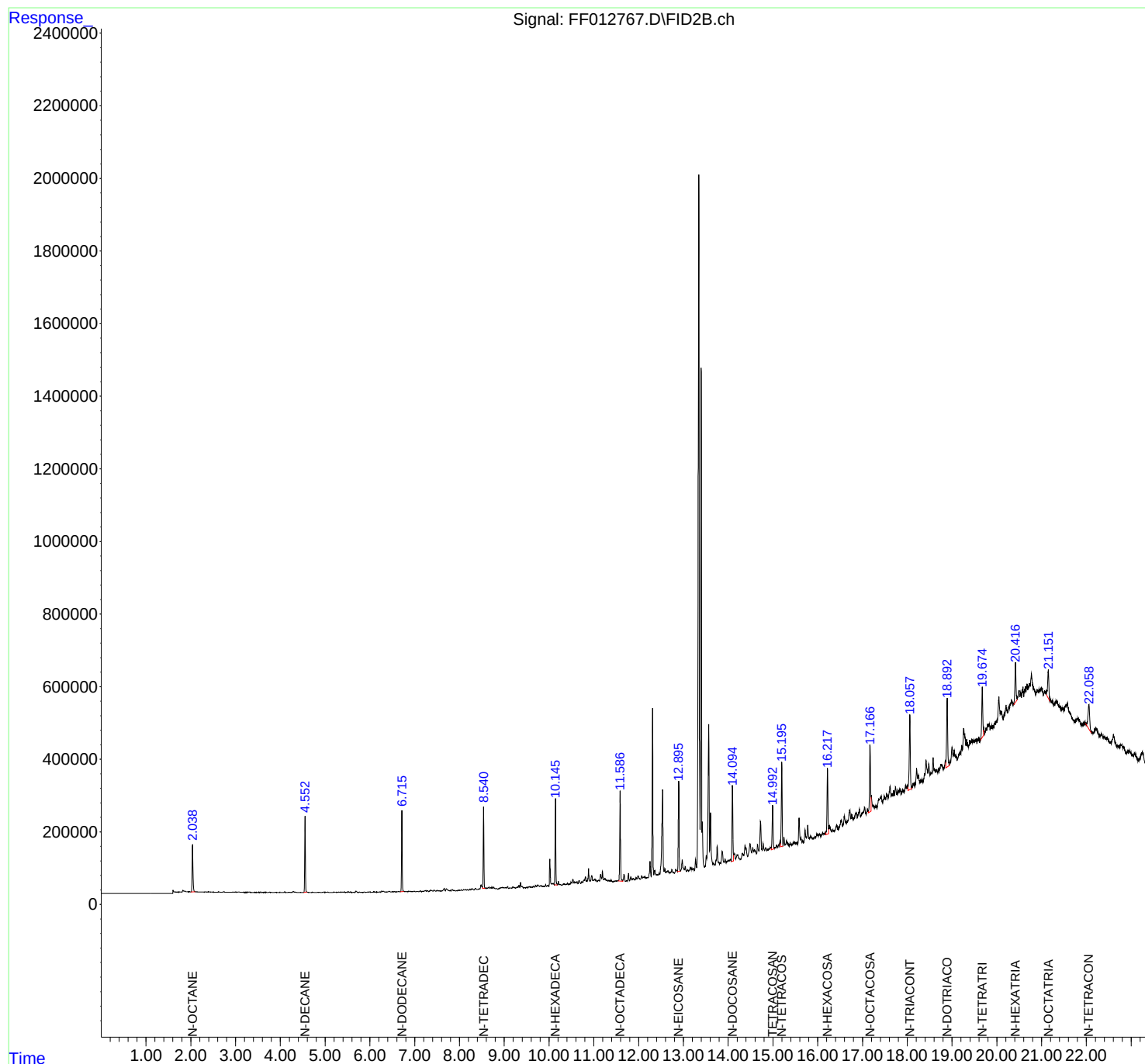
APPROVED

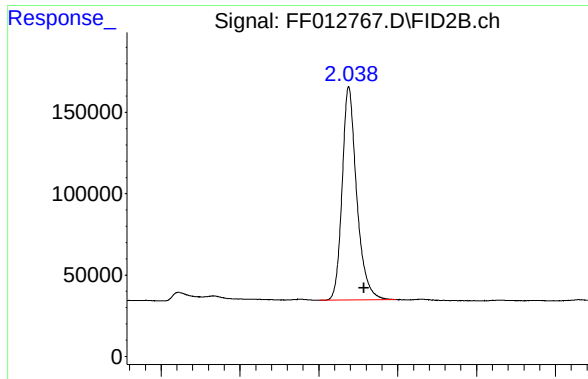
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.038 min
Delta R.T.: -0.019 min
Response: 1683496
Conc: 12.94 ug/ml

Instrument :

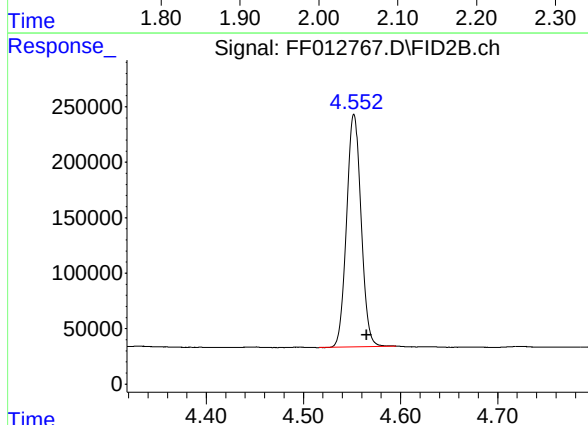
FID_F

ClientSampleId :

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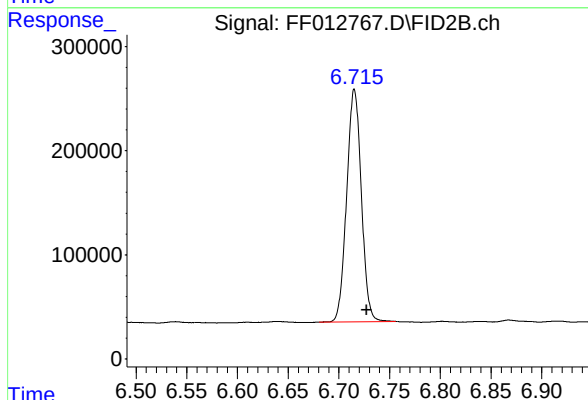
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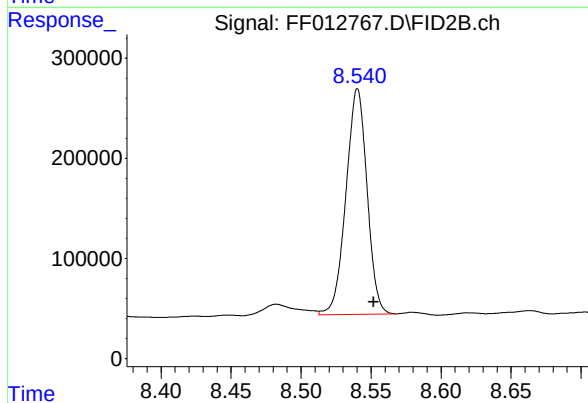
#2 N-DECANE

R.T.: 4.552 min
Delta R.T.: -0.013 min
Response: 2163680
Conc: 16.21 ug/ml



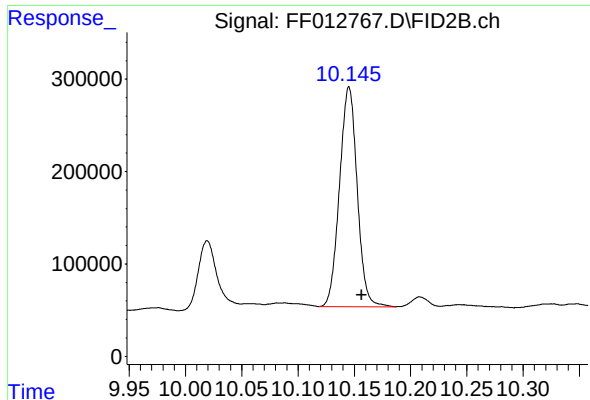
#3 N-DODECANE

R.T.: 6.715 min
Delta R.T.: -0.012 min
Response: 2249380
Conc: 17.21 ug/ml



#4 N-TETRADECANE

R.T.: 8.540 min
Delta R.T.: -0.011 min
Response: 2361134
Conc: 18.32 ug/ml



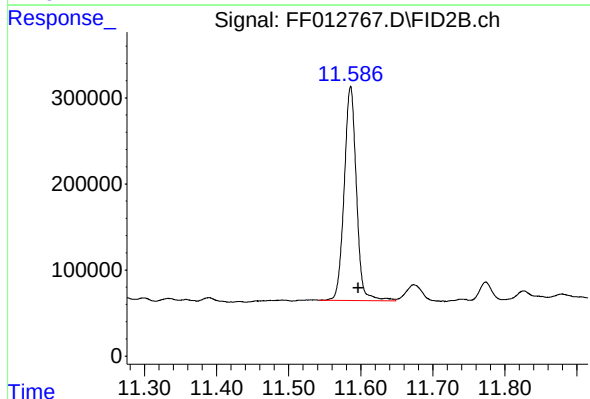
#5 N-HEXADECANE

R.T.: 10.145 min
Delta R.T.: -0.011 min
Response: 2596067
Conc: 19.26 ug/ml

Instrument :
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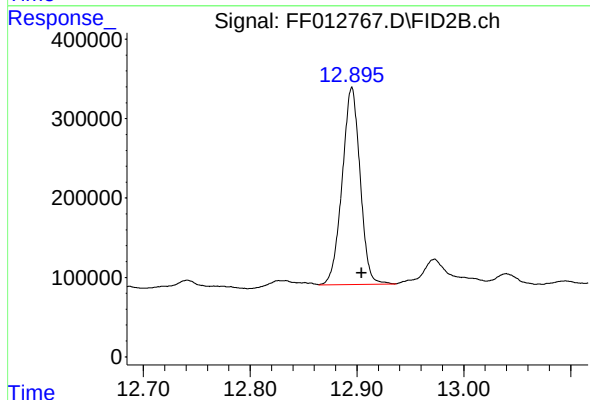
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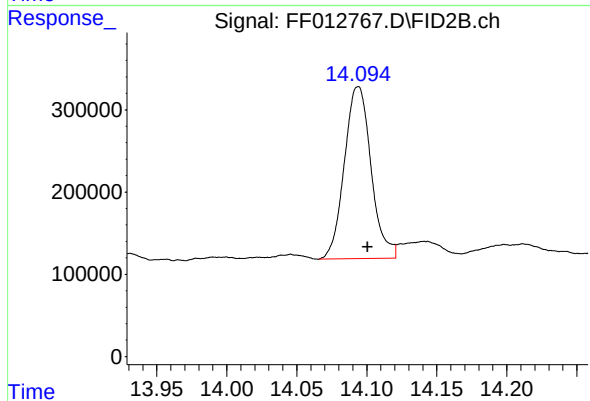
#6 N-OCTADECANE

R.T.: 11.586 min
Delta R.T.: -0.011 min
Response: 2934474
Conc: 21.19 ug/ml



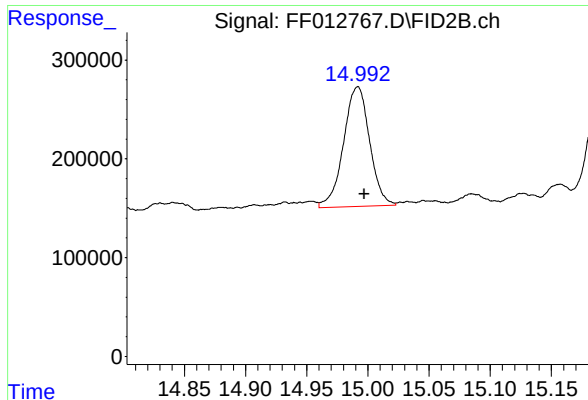
#7 N-EICOSANE

R.T.: 12.895 min
Delta R.T.: -0.009 min
Response: 2895577
Conc: 20.92 ug/ml m



#8 N-DOCOSANE

R.T.: 14.094 min
Delta R.T.: -0.007 min
Response: 2775336
Conc: 20.72 ug/ml



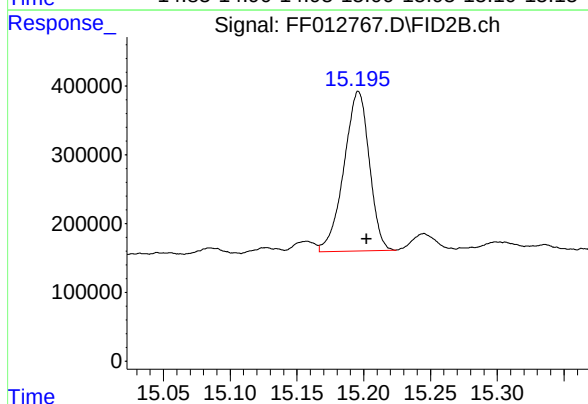
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.992 min
Delta R.T.: -0.005 min
Response: 1796451
Conc: 14.88 ug/ml

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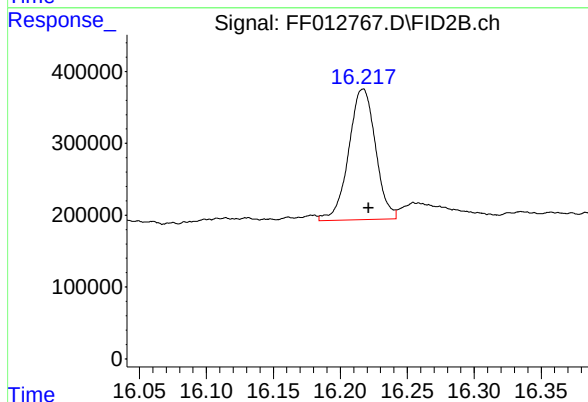
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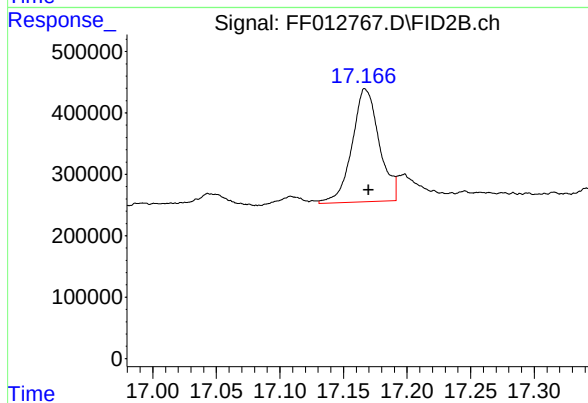
#10 N-TETRACOSANE

R.T.: 15.196 min
Delta R.T.: -0.006 min
Response: 3074811
Conc: 23.04 ug/ml



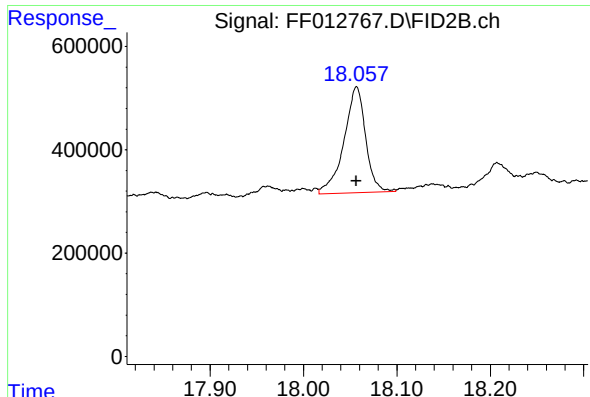
#11 N-HEXACOSANE

R.T.: 16.217 min
Delta R.T.: -0.004 min
Response: 2530758
Conc: 19.52 ug/ml



#12 N-OCTACOSANE

R.T.: 17.167 min
Delta R.T.: -0.003 min
Response: 2728106
Conc: 21.53 ug/ml



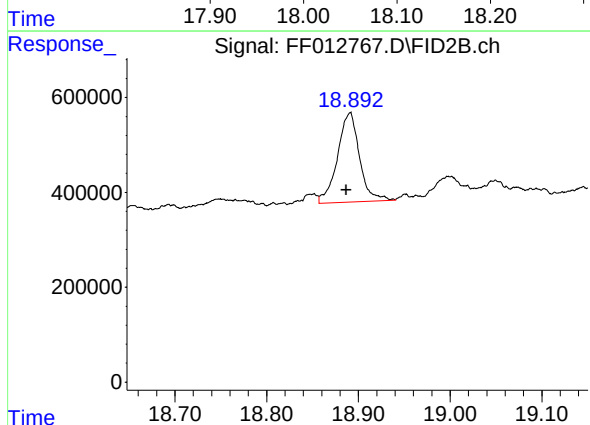
#13 N-TRIACONTANE

R.T.: 18.057 min
Delta R.T.: 0.000 min
Response: 3306281
Conc: 26.44 ug/ml

Instrument :
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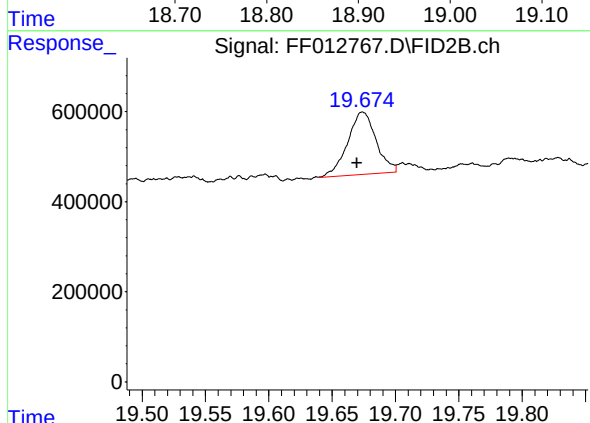
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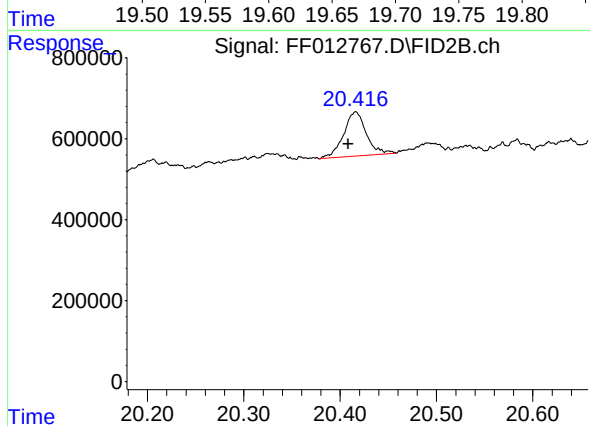
#14 N-DOTRIACONTANE

R.T.: 18.891 min
Delta R.T.: 0.004 min
Response: 3160783
Conc: 26.46 ug/ml



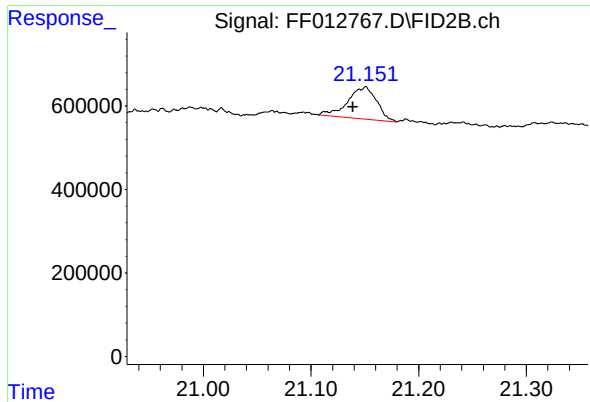
#15 N-TETRATRIACONTANE

R.T.: 19.674 min
Delta R.T.: 0.004 min
Response: 2174933
Conc: 19.77 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.416 min
Delta R.T.: 0.008 min
Response: 1782811
Conc: 17.13 ug/ml m



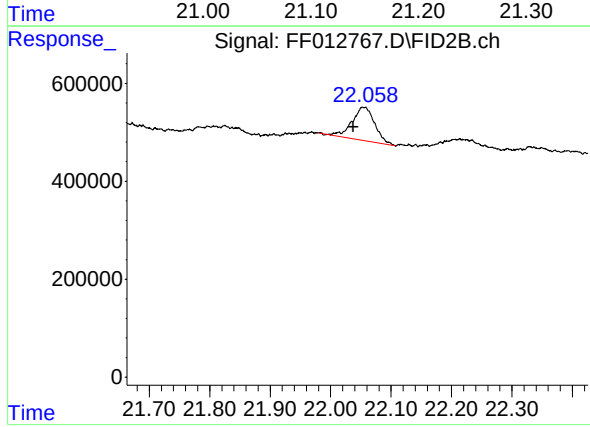
#17 N-OCTATRIACONTANE

R.T.: 21.151 min
Delta R.T.: 0.012 min
Response: 1442399
Conc: 14.34 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.053 min
Delta R.T.: 0.015 min
Response: 1763956
Conc: 17.03 ug/ml