

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102924\
 Data File : FF014830.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2024 20:12
 Operator : YP\AJ
 Sample : P4595-03MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PITKIN-THP2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2024
 Supervised By :Ankita Jodhani 10/30/2024

Integration File: Sample.e
 Quant Time: Oct 30 03:52:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 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...	15.013	1278284	9.713 ug/ml
Target Compounds			
1) N-OCTANE	2.051	1886727	13.561 ug/ml
2) N-DECANE	4.573	2402102	16.815 ug/ml
3) N-DODECANE	6.734	2638184	18.180 ug/ml
4) N-TETRADECANE	8.559	2721663	18.567 ug/ml
5) N-HEXADECANE	10.165	2817782	19.175 ug/ml
6) N-OCTADECANE	11.606	2903875	19.343 ug/ml
7) N-EICOSANE	12.917	2836211	18.696 ug/ml
8) N-DOCOSANE	14.114	2794578	18.991 ug/ml
10) N-TETRACOSANE	15.217	2906640	19.777 ug/ml
11) N-HEXACOSANE	16.238	2685715	18.387 ug/ml
12) N-OCTACOSANE	17.188	2608688	18.054 ug/ml
13) N-TRIACONTANE	18.076	2492788	17.028 ug/ml
14) N-DOTRIACONTANE	18.908	2084825	14.492 ug/ml
15) N-TETRATRIACONTANE	19.691	1367499	9.971 ug/ml
16) N-HEXATRIACONTANE	20.430	931846	7.183 ug/mlm
17) N-OCTATRIACONTANE	21.168	795220	6.914 ug/mlm
18) N-TETRACONTANE	22.077	769818	7.332 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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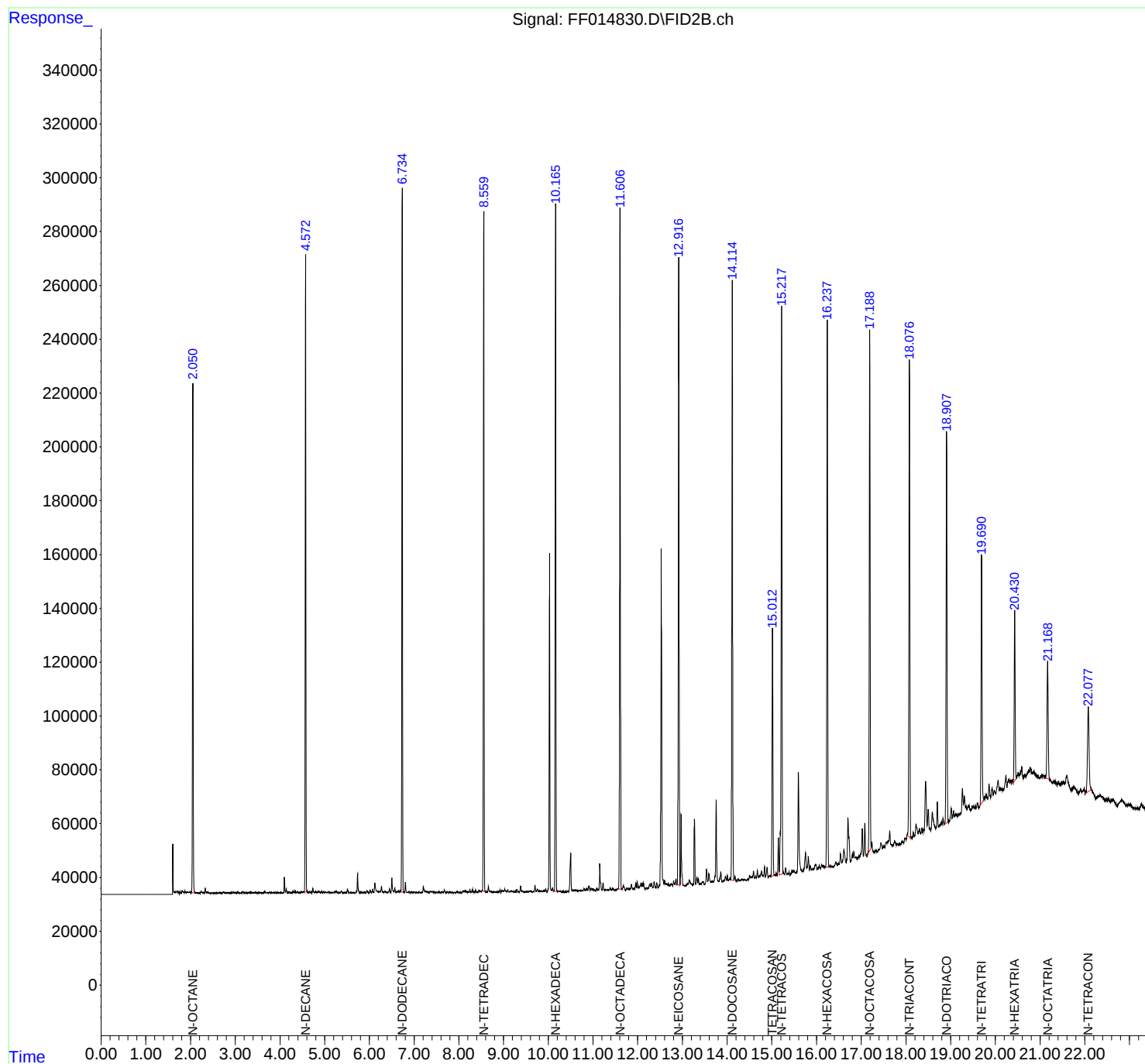
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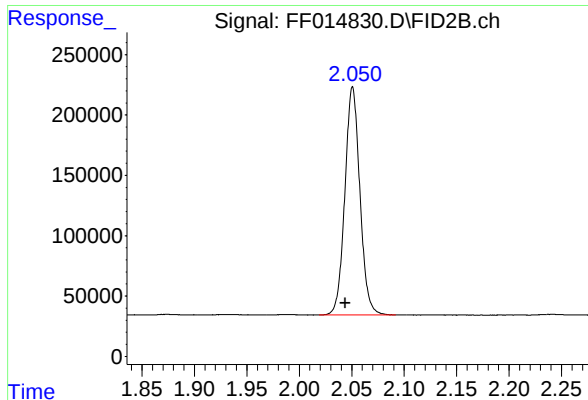
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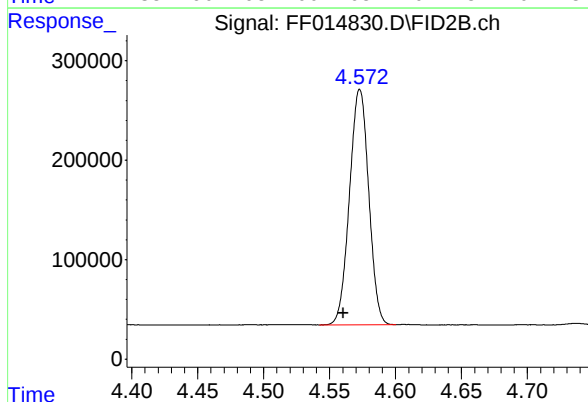
#1 N-OCTANE

R.T.: 2.051 min
Delta R.T.: 0.007 min
Response: 1886727
Conc: 13.56 ug/ml

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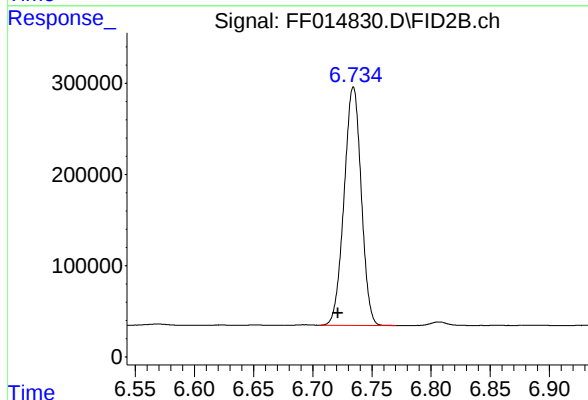
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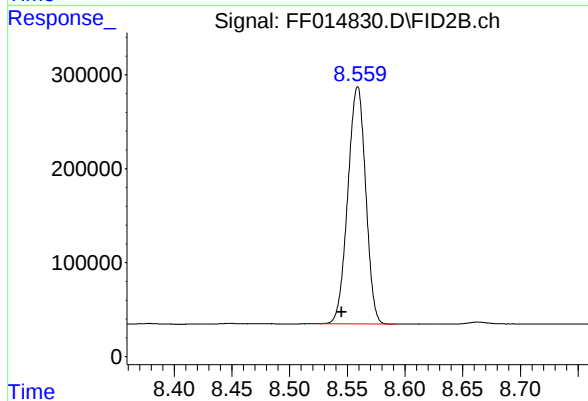
#2 N-DECANE

R.T.: 4.573 min
Delta R.T.: 0.012 min
Response: 2402102
Conc: 16.82 ug/ml



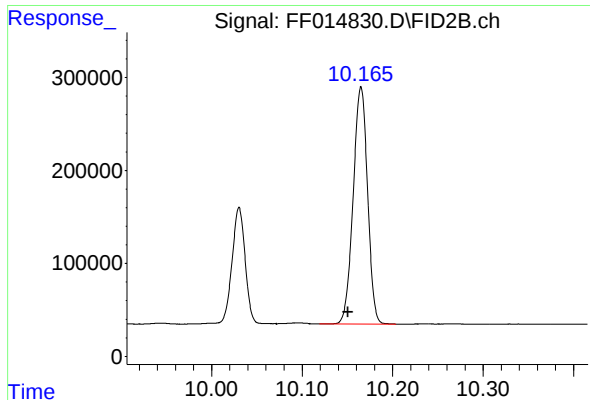
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: 0.013 min
Response: 2638184
Conc: 18.18 ug/ml



#4 N-TETRADECANE

R.T.: 8.559 min
Delta R.T.: 0.014 min
Response: 2721663
Conc: 18.57 ug/ml



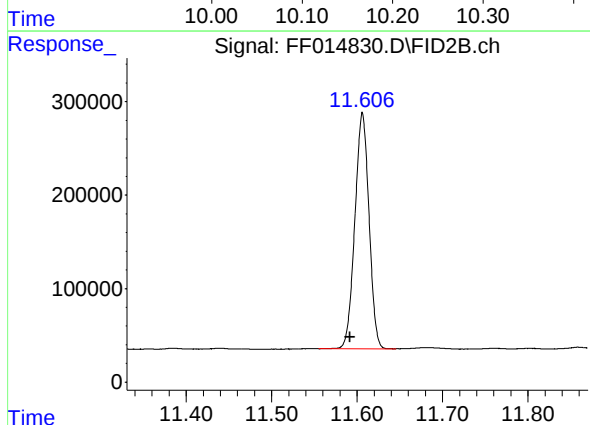
#5 N-HEXADECANE

R.T.: 10.165 min
Delta R.T.: 0.015 min
Response: 2817782
Conc: 19.17 ug/ml

Instrument :
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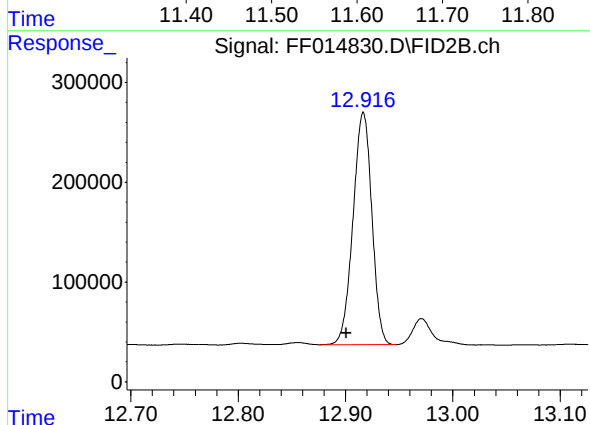
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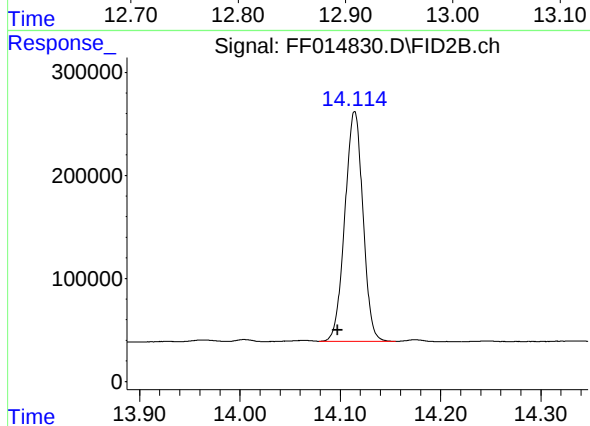
#6 N-OCTADECANE

R.T.: 11.606 min
Delta R.T.: 0.015 min
Response: 2903875
Conc: 19.34 ug/ml



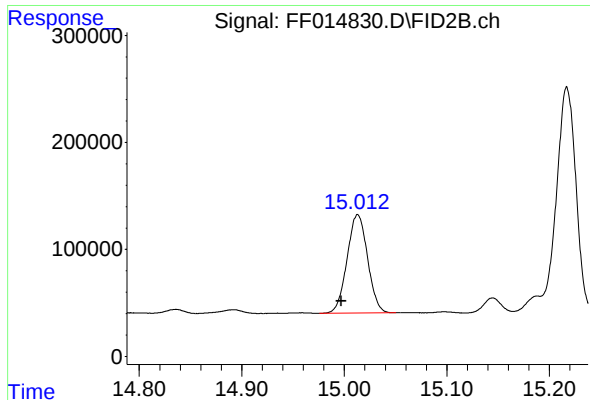
#7 N-EICOSANE

R.T.: 12.917 min
Delta R.T.: 0.016 min
Response: 2836211
Conc: 18.70 ug/ml



#8 N-DOCOSANE

R.T.: 14.114 min
Delta R.T.: 0.017 min
Response: 2794578
Conc: 18.99 ug/ml



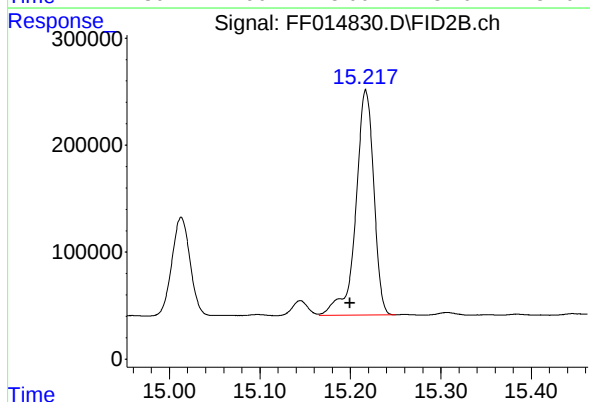
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.013 min
Delta R.T.: 0.016 min
Response: 1278284
Conc: 9.71 ug/ml

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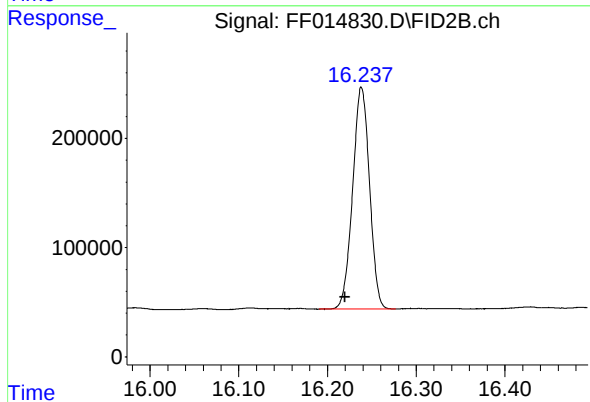
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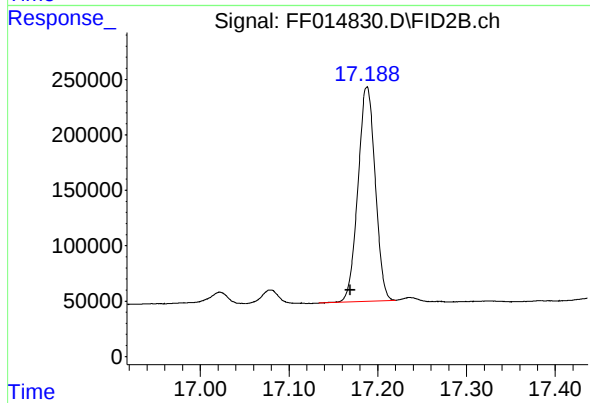
#10 N-TETRACOSANE

R.T.: 15.217 min
Delta R.T.: 0.017 min
Response: 2906640
Conc: 19.78 ug/ml



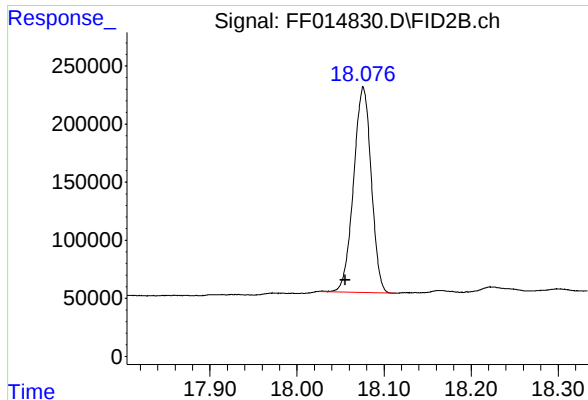
#11 N-HEXACOSANE

R.T.: 16.238 min
Delta R.T.: 0.018 min
Response: 2685715
Conc: 18.39 ug/ml



#12 N-OCTACOSANE

R.T.: 17.188 min
Delta R.T.: 0.019 min
Response: 2608688
Conc: 18.05 ug/ml



#13 N-TRIACONTANE

R.T.: 18.076 min
Delta R.T.: 0.021 min
Response: 2492788
Conc: 17.03 ug/ml

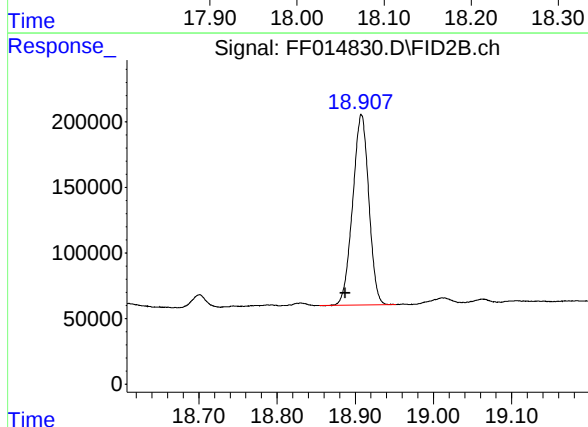
Instrument :

FID_F

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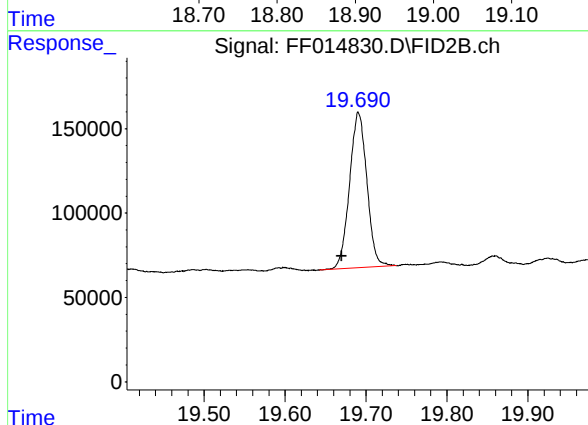
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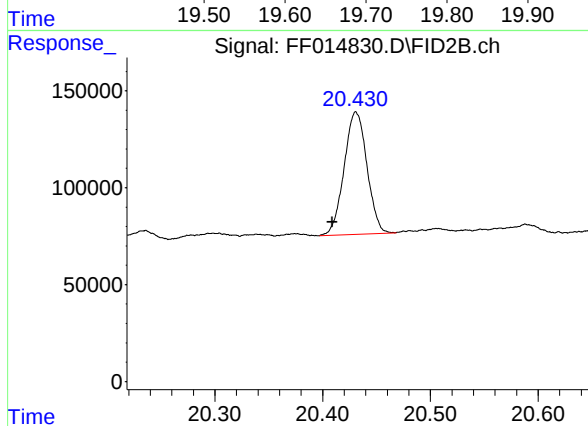
#14 N-DOTRIACONTANE

R.T.: 18.908 min
Delta R.T.: 0.021 min
Response: 2084825
Conc: 14.49 ug/ml



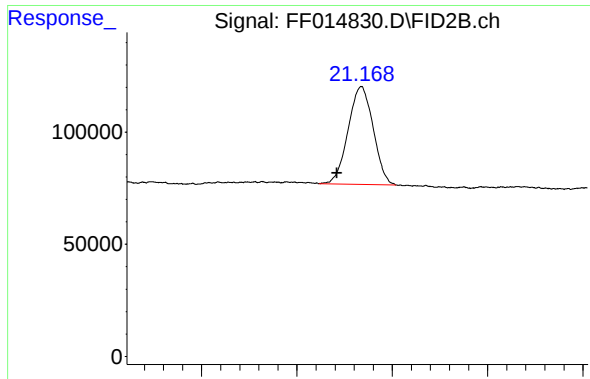
#15 N-TETRATRIACONTANE

R.T.: 19.691 min
Delta R.T.: 0.021 min
Response: 1367499
Conc: 9.97 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.430 min
Delta R.T.: 0.022 min
Response: 931846
Conc: 7.18 ug/ml m



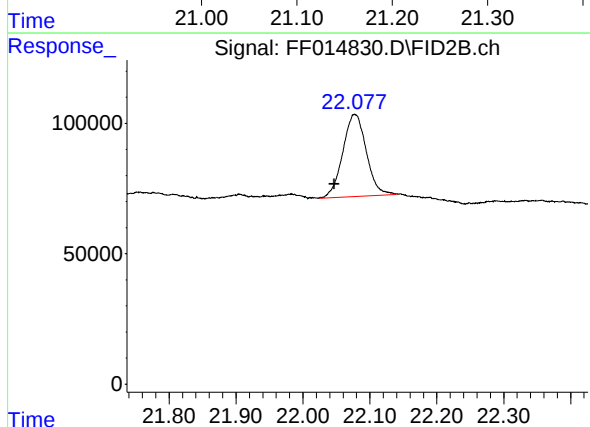
#17 N-OCTATRIACONTANE

R.T.: 21.168 min
Delta R.T.: 0.026 min
Response: 795220
Conc: 6.91 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.077 min
Delta R.T.: 0.030 min
Response: 769818
Conc: 7.33 ug/ml m