

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112525\
 Data File : FF016804.D
 Signal(s) : FID2B.ch
 Acq On : 25 Nov 2025 20:09
 Operator : YP\AJ
 Sample : Q3530-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-06-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File: autoint1.e
 Quant Time: Nov 26 01:47:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 2025
 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...	15.044	1734547	16.603 ug/ml
Target Compounds			
1) N-OCTANE	2.037	103728	0.935 ug/ml
2) N-DECANE	4.565	94345	0.853 ug/ml
3) N-DODECANE	6.744	74383	0.670 ug/ml
4) N-TETRADECANE	8.584	69122	0.619 ug/mlm
5) N-HEXADECANE	10.192	67797	0.603 ug/ml
6) N-OCTADECANE	11.633	83124	0.710 ug/ml
7) N-EICOSANE	12.943	97259	0.797 ug/ml
8) N-DOCOSANE	14.143	99627	0.836 ug/ml
10) N-TETRACOSANE	15.249	107796	0.910 ug/ml
11) N-HEXACOSANE	16.278	98793	0.860 ug/ml
12) N-OCTACOSANE	17.228	99474	0.873 ug/ml
13) N-TRIACONTANE	18.119	115333	1.026 ug/ml
14) N-DOTRIACONTANE	18.954	136571	1.274 ug/ml
15) N-TETRATRIACONTANE	19.741	128355	1.306 ug/ml
16) N-HEXATRIACONTANE	20.486	119106	1.393 ug/ml
17) N-OCTATRIACONTANE	21.242	108182	1.409 ug/ml
18) N-TETRACONTANE	22.185	101524	1.488 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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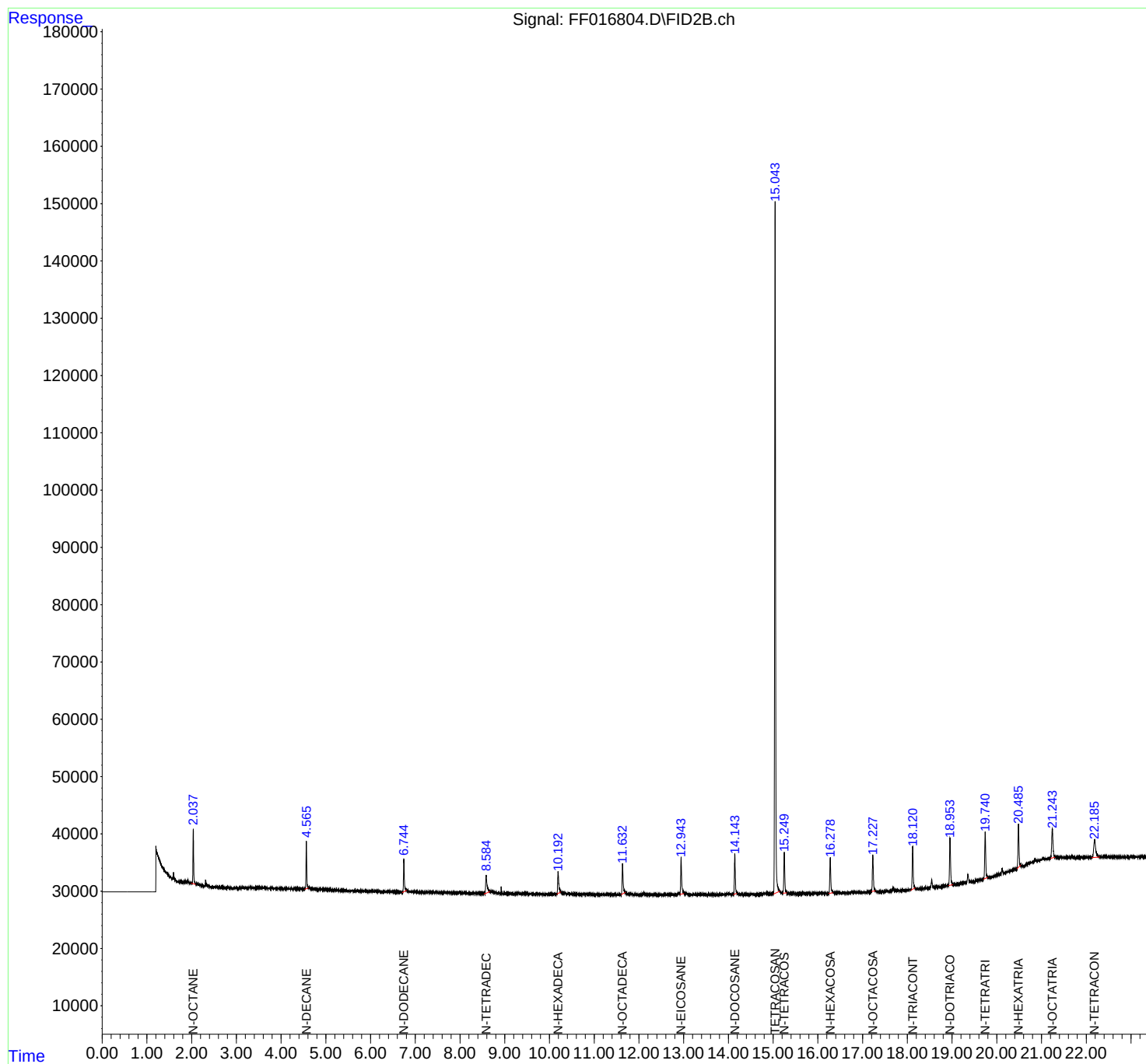
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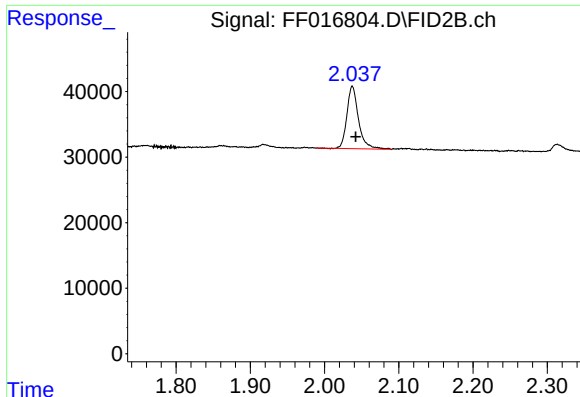
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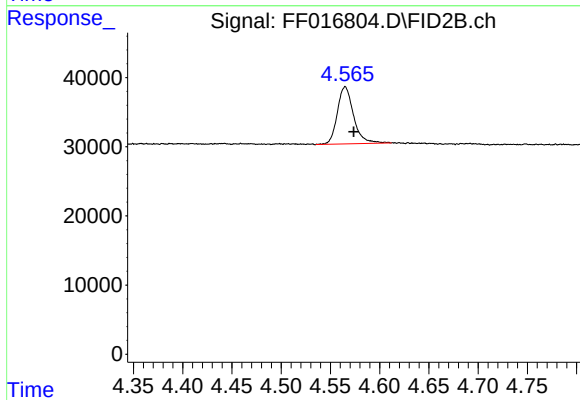
#1 N-OCTANE

R.T.: 2.037 min
Delta R.T.: -0.005 min
Response: 103728
Conc: 0.93 ug/ml

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FID_F
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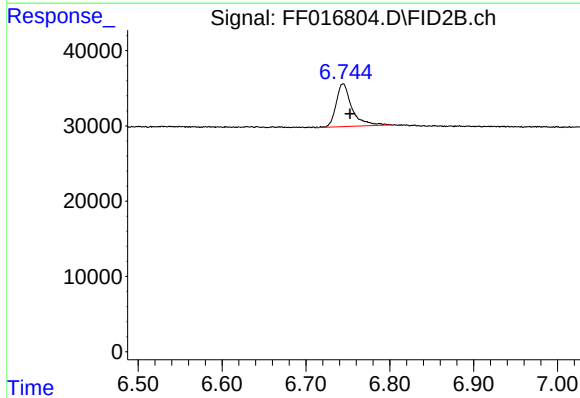
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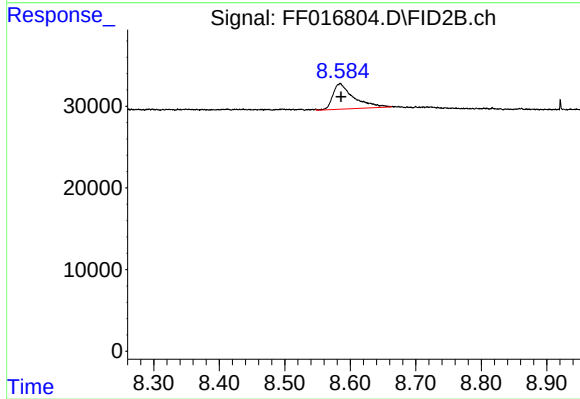
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.009 min
Response: 94345
Conc: 0.85 ug/ml



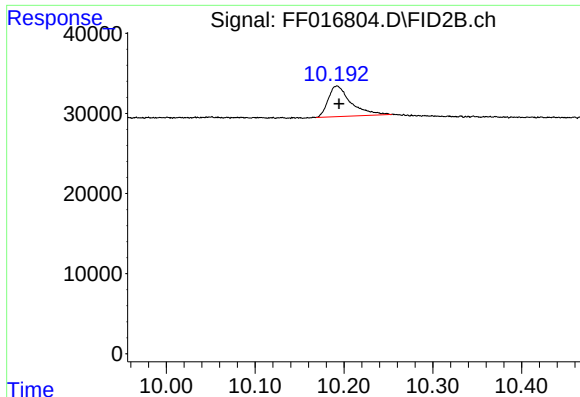
#3 N-DODECANE

R.T.: 6.744 min
Delta R.T.: -0.008 min
Response: 74383
Conc: 0.67 ug/ml



#4 N-TETRADECANE

R.T.: 8.584 min
Delta R.T.: -0.001 min
Response: 69122
Conc: 0.62 ug/ml m



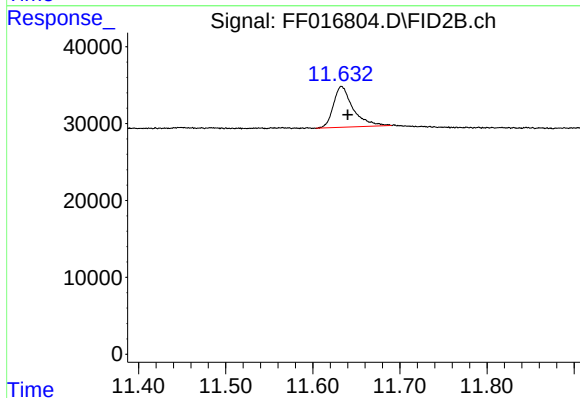
#5 N-HEXADECANE

R.T.: 10.192 min
Delta R.T.: -0.003 min
Response: 67797
Conc: 0.60 ug/ml

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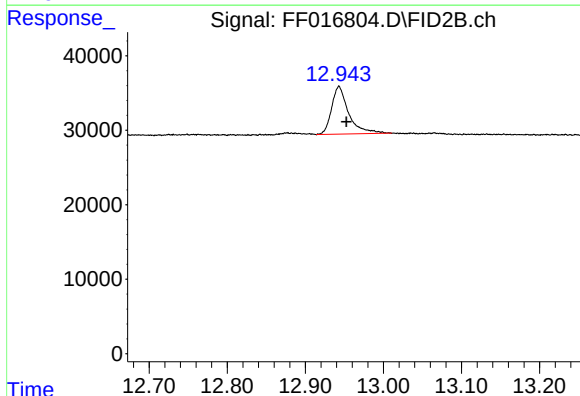
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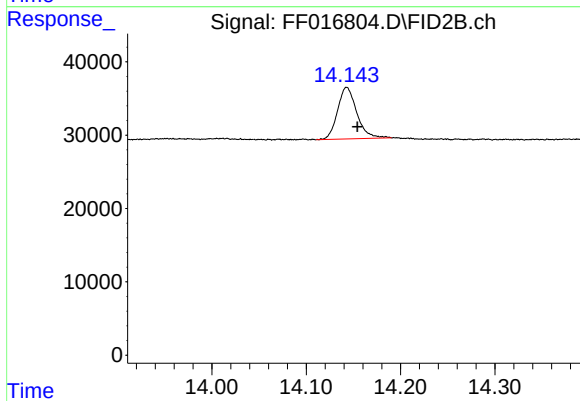
#6 N-OCTADECANE

R.T.: 11.633 min
Delta R.T.: -0.007 min
Response: 83124
Conc: 0.71 ug/ml



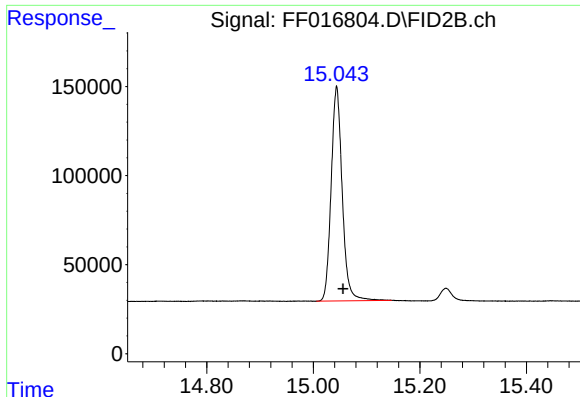
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.010 min
Response: 97259
Conc: 0.80 ug/ml



#8 N-DOCOSANE

R.T.: 14.143 min
Delta R.T.: -0.011 min
Response: 99627
Conc: 0.84 ug/ml



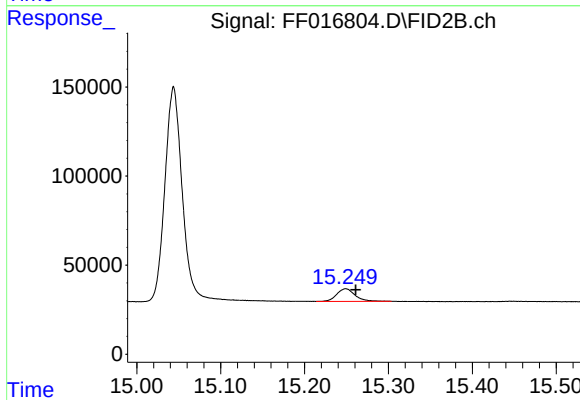
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.044 min
Delta R.T.: -0.012 min
Response: 1734547
Conc: 16.60 ug/ml

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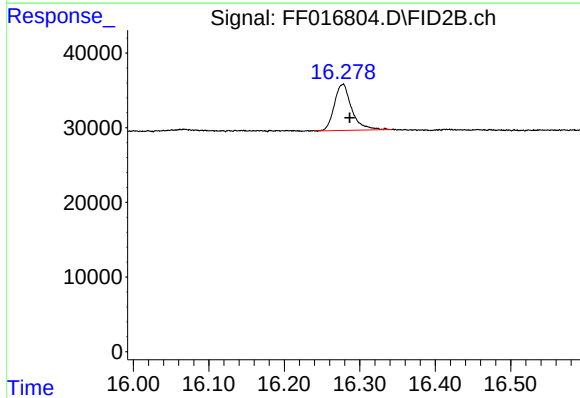
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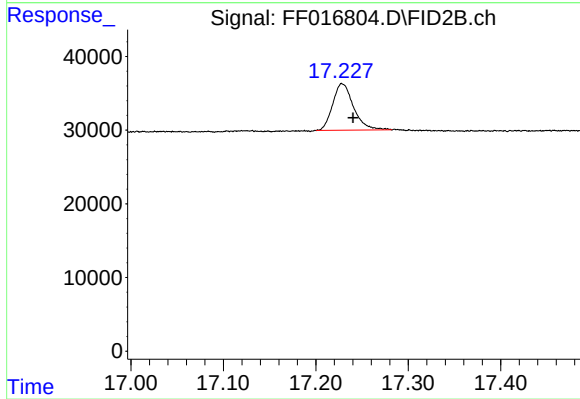
#10 N-TETRACOSANE

R.T.: 15.249 min
Delta R.T.: -0.012 min
Response: 107796
Conc: 0.91 ug/ml



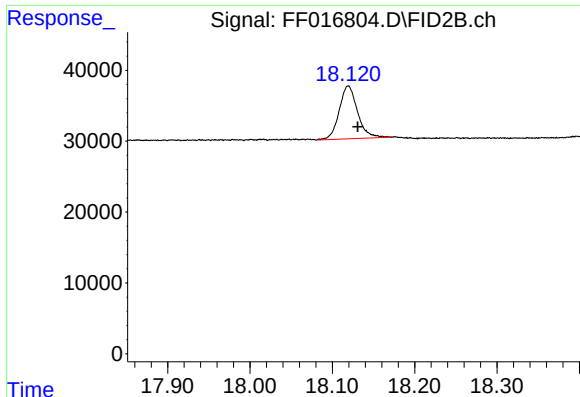
#11 N-HEXACOSANE

R.T.: 16.278 min
Delta R.T.: -0.009 min
Response: 98793
Conc: 0.86 ug/ml



#12 N-OCTACOSANE

R.T.: 17.228 min
Delta R.T.: -0.012 min
Response: 99474
Conc: 0.87 ug/ml



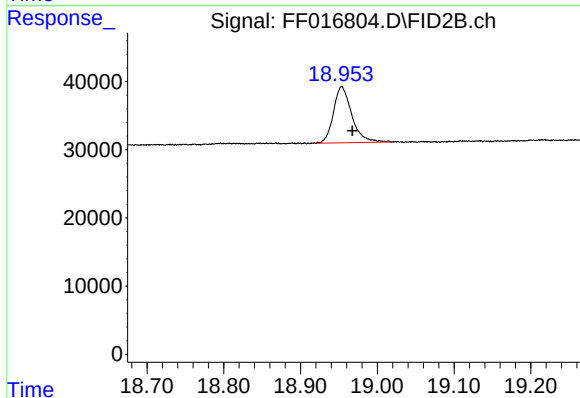
#13 N-TRIACONTANE

R.T.: 18.119 min
Delta R.T.: -0.012 min
Response: 115333
Conc: 1.03 ug/ml

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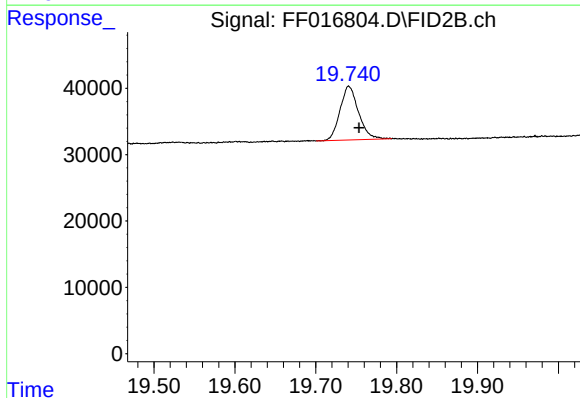
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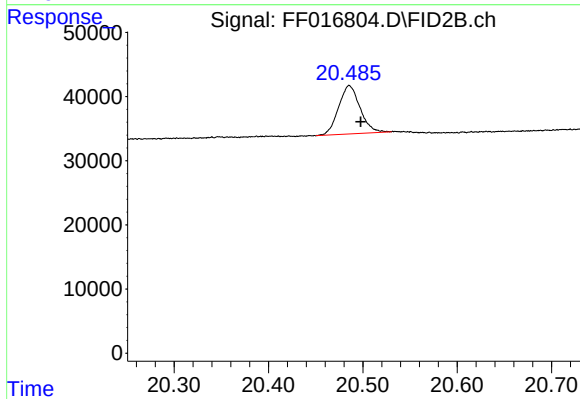
#14 N-DOTRIACONTANE

R.T.: 18.954 min
Delta R.T.: -0.014 min
Response: 136571
Conc: 1.27 ug/ml



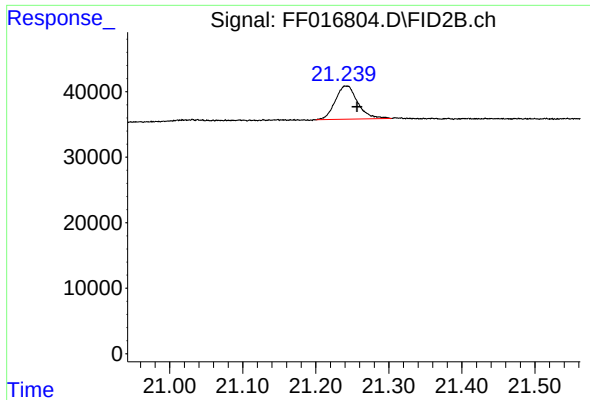
#15 N-TETRATRIACONTANE

R.T.: 19.741 min
Delta R.T.: -0.013 min
Response: 128355
Conc: 1.31 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.486 min
Delta R.T.: -0.012 min
Response: 119106
Conc: 1.39 ug/ml



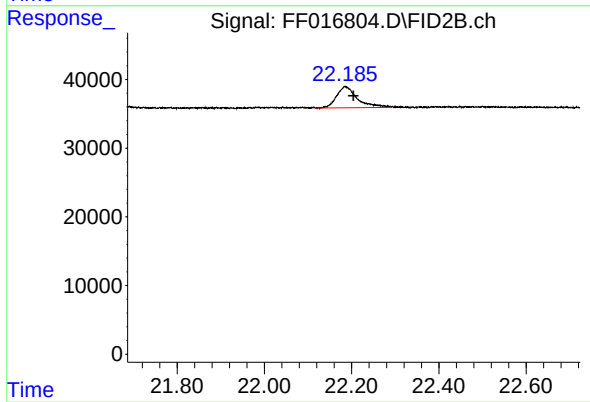
#17 N-OCTATRIACONTANE

R.T.: 21.242 min
Delta R.T.: -0.015 min
Response: 108182
Conc: 1.41 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.185 min
Delta R.T.: -0.019 min
Response: 101524
Conc: 1.49 ug/ml m