

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080823\
 Data File : FF013148.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2023 11:48
 Operator : YP\AJ
 Sample : 03572-10
 Misc : TPH GC LOD 1 PPM
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :Ankita Jodhani 08/09/2023

Integration File: autoint1.e
 Quant Time: Aug 09 02:11:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080223.M
 Quant Title :
 QLast Update : Wed Aug 02 19:16:13 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...	14.988	2083997	19.335 ug/ml
Target Compounds			
1) N-OCTANE	2.014	104380	0.924 ug/ml
2) N-DECANE	4.540	117844	1.013 ug/ml
3) N-DODECANE	6.704	121586	1.038 ug/ml
4) N-TETRADECANE	8.529	126450	1.073 ug/ml
5) N-HEXADECANE	10.137	125398	1.051 ug/ml
6) N-OCTADECANE	11.579	126648	1.043 ug/ml
7) N-EICOSANE	12.888	129577	1.072 ug/ml
8) N-DOCOSANE	14.087	128470	1.065 ug/ml
10) N-TETRACOSANE	15.189	129567	1.059 ug/ml
11) N-HEXACOSANE	16.210	130248	1.046 ug/ml
12) N-OCTACOSANE	17.160	136887	1.108 ug/ml
13) N-TRIACONTANE	18.046	151960	1.251 ug/ml
14) N-DOTRIACONTANE	18.878	165908	1.473 ug/mlm
15) N-TETRATRIACONTANE	19.662	137982	1.385 ug/ml
16) N-HEXATRIACONTANE	20.400	108966	1.219 ug/ml
17) N-OCTATRIACONTANE	21.131	90225	1.150 ug/ml
18) N-TETRACONTANE	22.030	75118	0.997 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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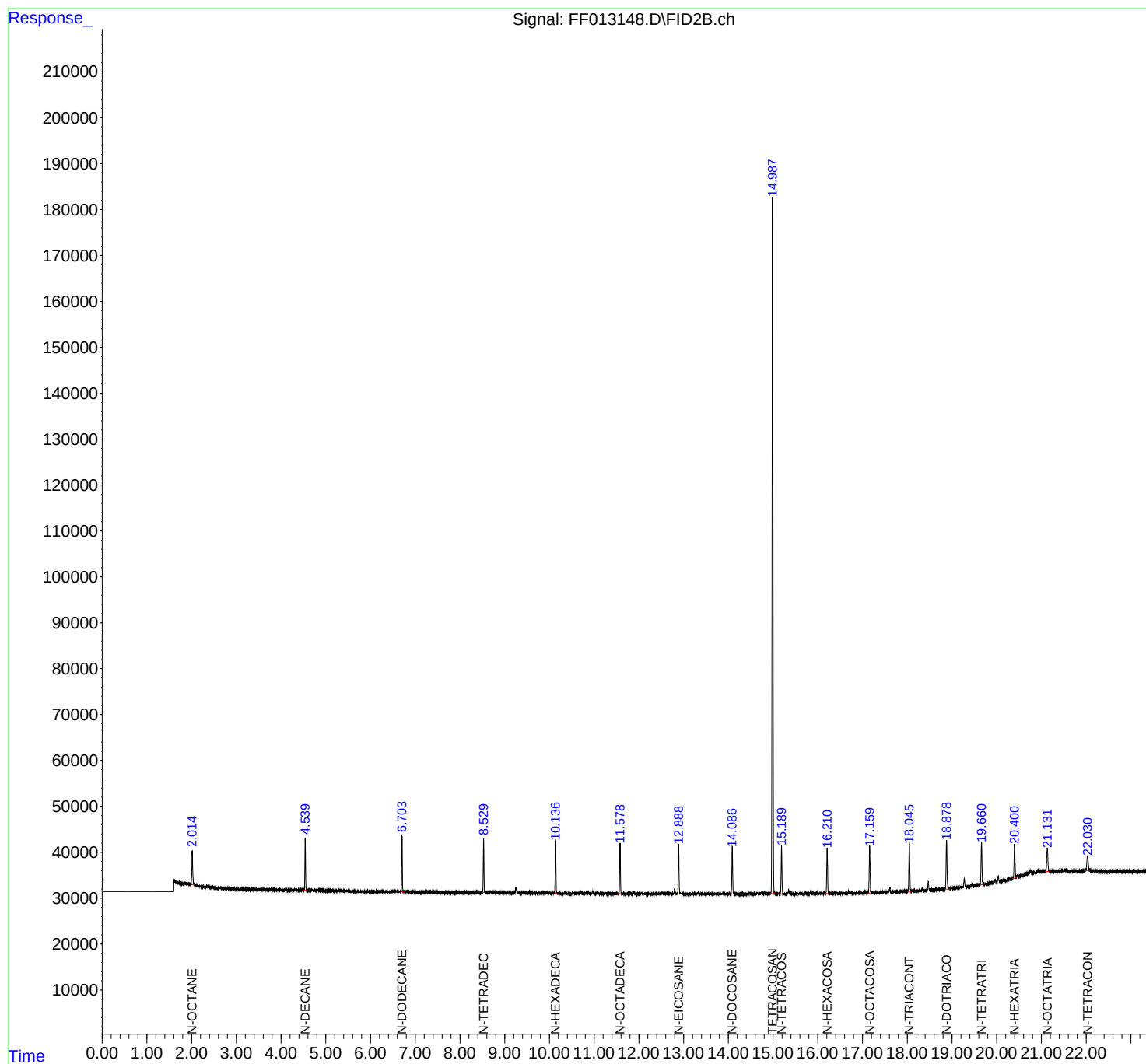
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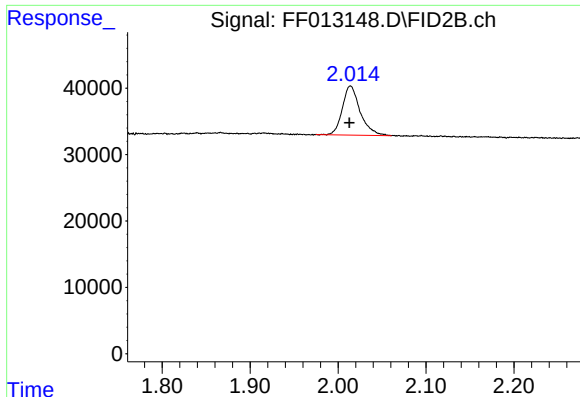
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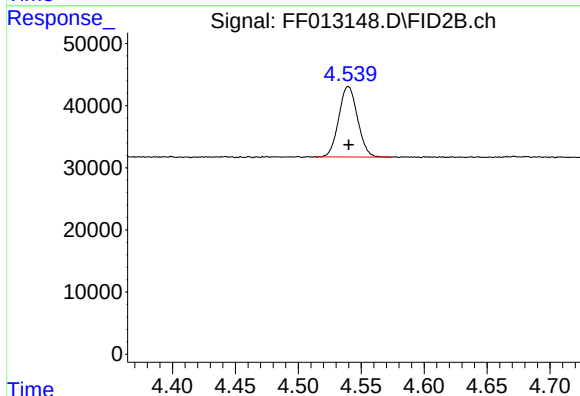
#1 N-OCTANE

R.T.: 2.014 min
Delta R.T.: 0.001 min
Response: 104380
Conc: 0.92 ug/ml

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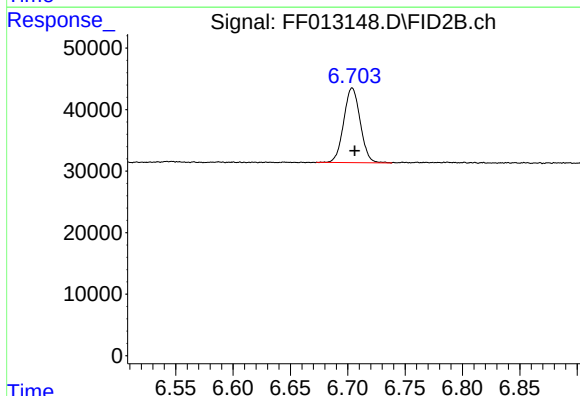
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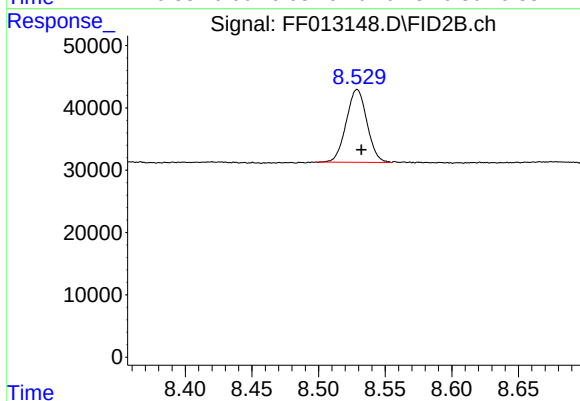
#2 N-DECANE

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 117844
Conc: 1.01 ug/ml



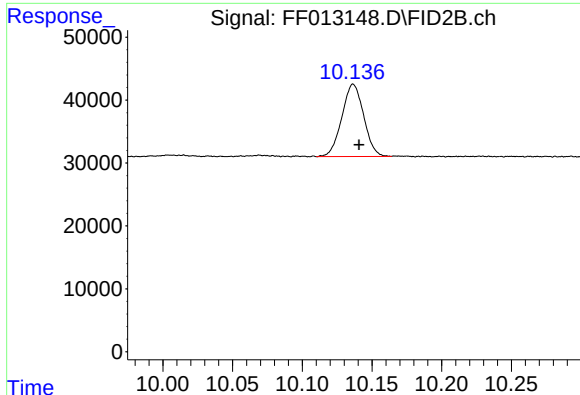
#3 N-DODECANE

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 121586
Conc: 1.04 ug/ml



#4 N-TETRADECANE

R.T.: 8.529 min
Delta R.T.: -0.003 min
Response: 126450
Conc: 1.07 ug/ml



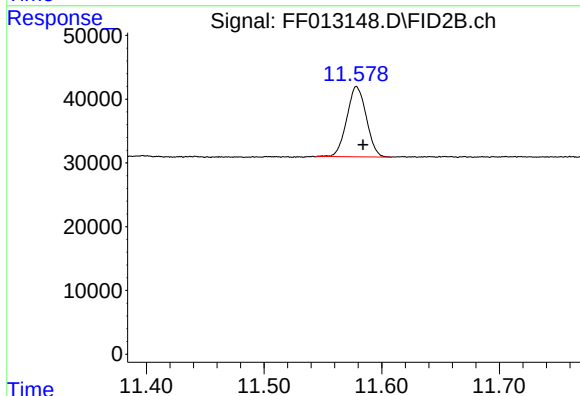
#5 N-HEXADECANE

R.T.: 10.137 min
Delta R.T.: -0.004 min
Response: 125398
Conc: 1.05 ug/ml

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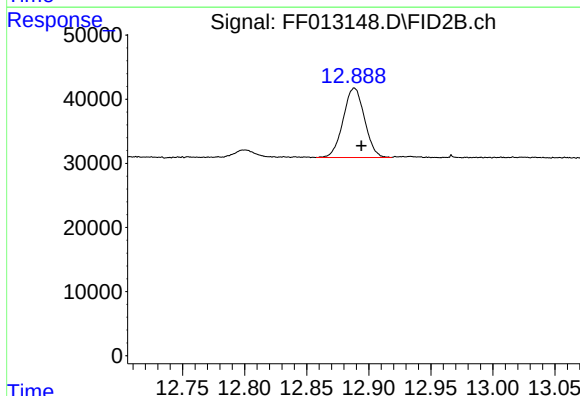
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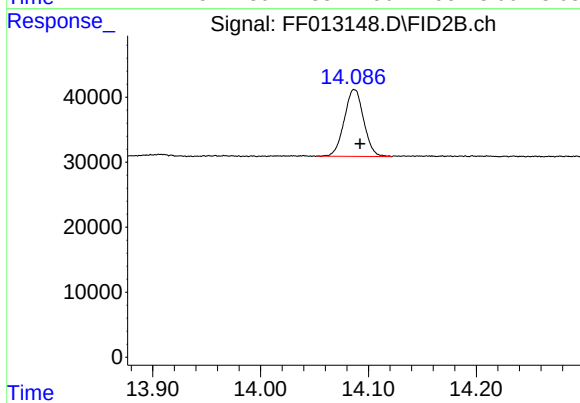
#6 N-OCTADECANE

R.T.: 11.579 min
Delta R.T.: -0.005 min
Response: 126648
Conc: 1.04 ug/ml



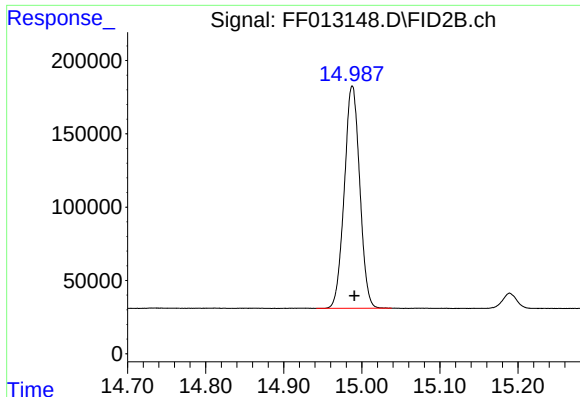
#7 N-EICOSANE

R.T.: 12.888 min
Delta R.T.: -0.006 min
Response: 129577
Conc: 1.07 ug/ml



#8 N-DOCOSANE

R.T.: 14.087 min
Delta R.T.: -0.005 min
Response: 128470
Conc: 1.06 ug/ml



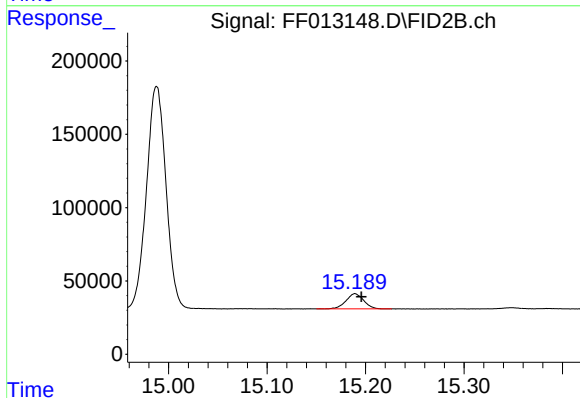
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.988 min
Delta R.T.: -0.003 min
Response: 2083997
Conc: 19.33 ug/ml

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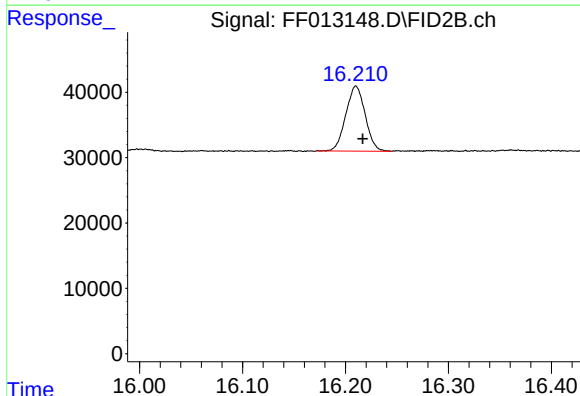
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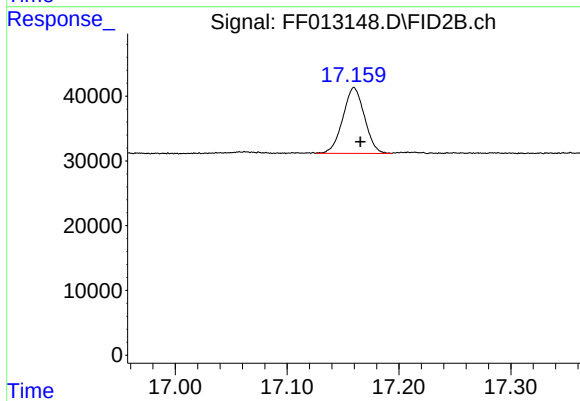
#10 N-TETRACOSANE

R.T.: 15.189 min
Delta R.T.: -0.007 min
Response: 129567
Conc: 1.06 ug/ml



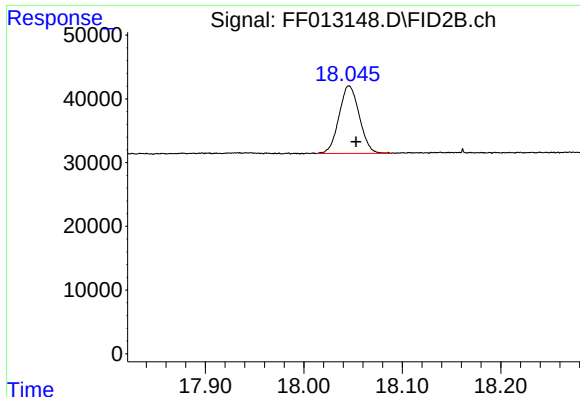
#11 N-HEXACOSANE

R.T.: 16.210 min
Delta R.T.: -0.007 min
Response: 130248
Conc: 1.05 ug/ml



#12 N-OCTACOSANE

R.T.: 17.160 min
Delta R.T.: -0.006 min
Response: 136887
Conc: 1.11 ug/ml



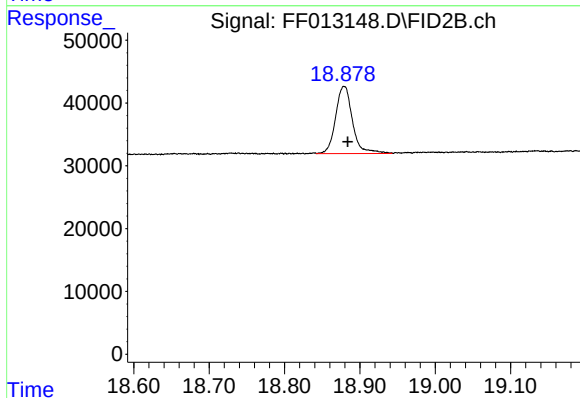
#13 N-TRIACONTANE

R.T.: 18.046 min
Delta R.T.: -0.007 min
Response: 151960
Conc: 1.25 ug/ml

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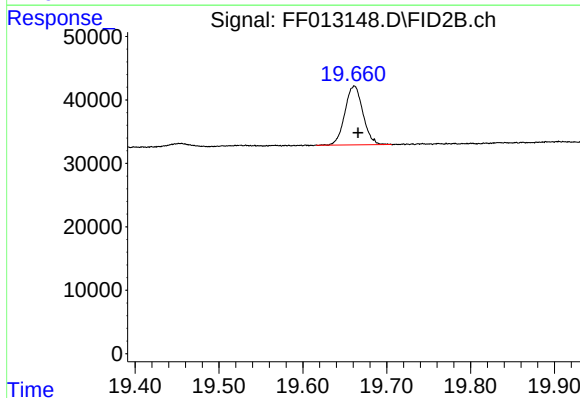
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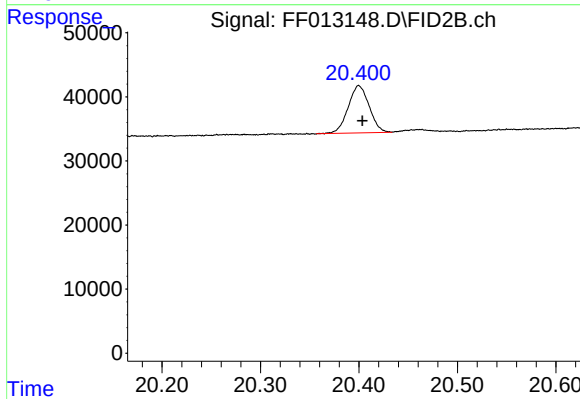
#14 N-DOTRIACONTANE

R.T.: 18.878 min
Delta R.T.: -0.006 min
Response: 165908
Conc: 1.47 ug/ml m



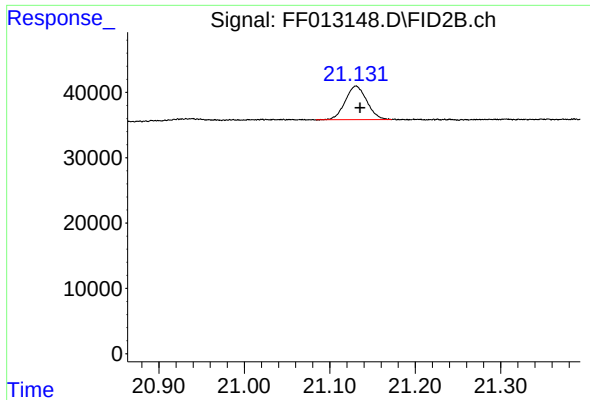
#15 N-TETRATRIACONTANE

R.T.: 19.662 min
Delta R.T.: -0.005 min
Response: 137982
Conc: 1.39 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.400 min
Delta R.T.: -0.004 min
Response: 108966
Conc: 1.22 ug/ml



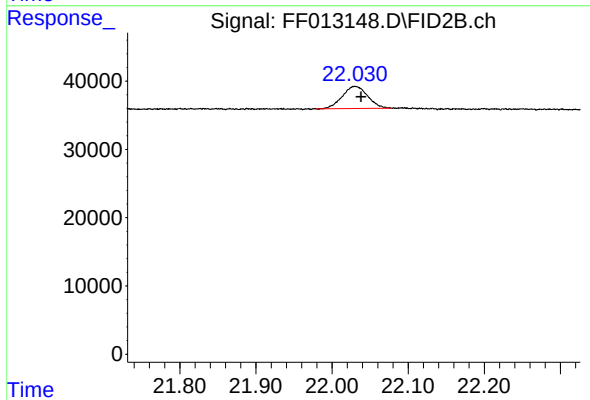
#17 N-OCTATRIACONTANE

R.T.: 21.131 min
Delta R.T.: -0.005 min
Response: 90225
Conc: 1.15 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.030 min
Delta R.T.: -0.008 min
Response: 75118
Conc: 1.00 ug/ml