

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050520\
 Data File : FE031907.D
 Signal(s) : FID1B.CH
 Acq On : 05 May 2020 14:55
 Operator : DD\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: May 05 16:10:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE040720.M
 Quant Title :
 QLast Update : Tue Apr 07 15:06:47 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	14.385	17454327	47.925 ug/ml
Target Compounds			
1) N-OCTANE	2.126	17510404	44.702 ug/ml
2) N-DECANE	4.146	18126157	46.907 ug/ml
3) N-DODECANE	6.149	18147228	48.442 ug/ml
4) N-TETRADECANE	7.939	19754228	49.839 ug/ml
5) N-HEXADECANE	9.538	19734471	48.392 ug/ml
6) N-OCTADECANE	10.979	20505639	48.292 ug/ml
7) N-EICOSANE	12.289	20166645	47.915 ug/ml
8) N-DOCOSANE	13.486	20334081	47.958 ug/ml
10) N-TETRACOSANE	14.591	20110189	48.042 ug/ml
11) N-HEXACOSANE	15.612	19777516	47.724 ug/ml
12) N-OCTACOSANE	16.562	19408066	47.175 ug/ml
13) N-TRIACONTANE	17.451	19129648	46.512 ug/ml
14) N-DOTRIACONTANE	18.285	17923026	45.580 ug/mlm
15) N-TETRATRIACONTANE	19.068	16490200	44.538 ug/mlm
16) N-HEXATRIACONTANE	19.808	14727840	42.713 ug/mlm
17) N-OCTATRIACONTANE	20.511	13094406	42.342 ug/mlm
18) N-TETRACONTANE	21.321	12782667	40.443 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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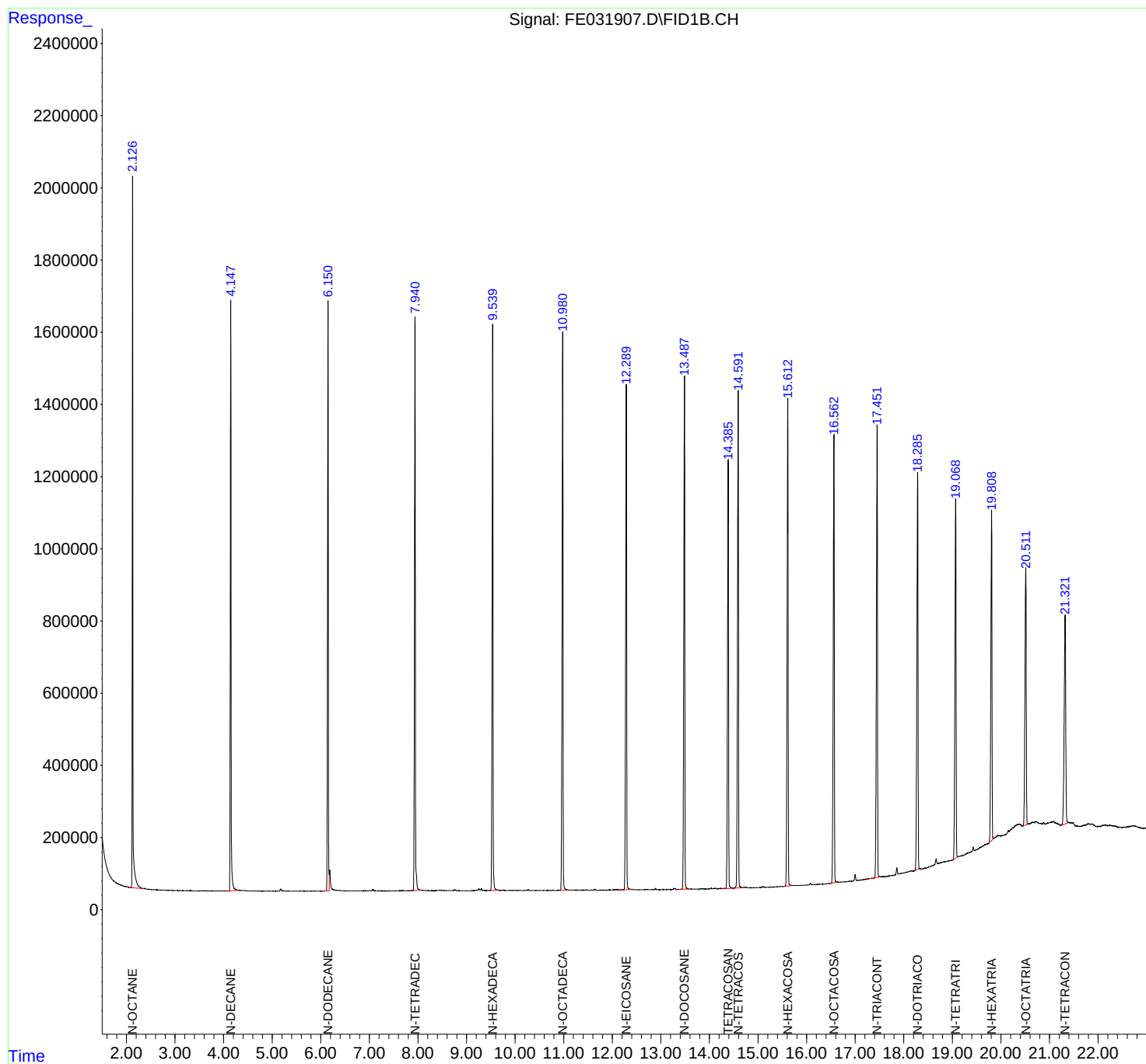
Instrument :
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50 PPM TRPH STD

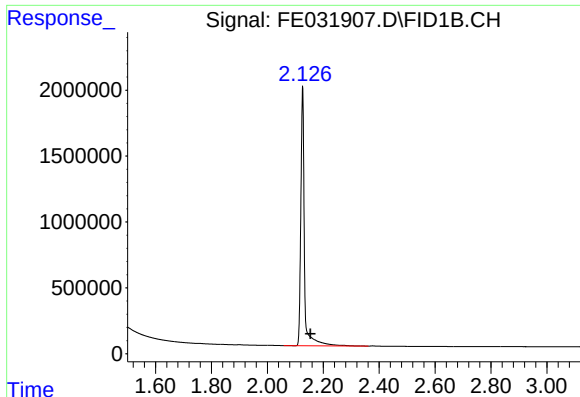
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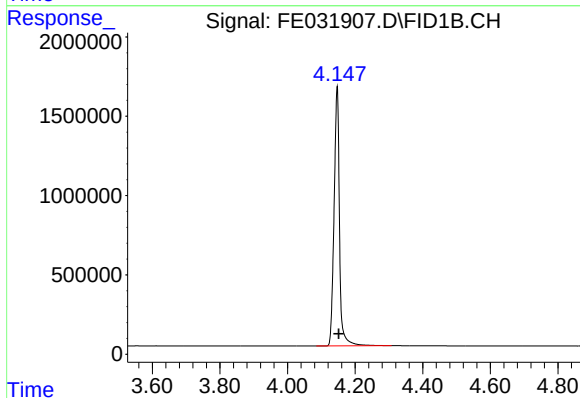
#1 N-OCTANE

R.T.: 2.126 min
Delta R.T.: -0.028 min
Response: 17510404
Conc: 44.70 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

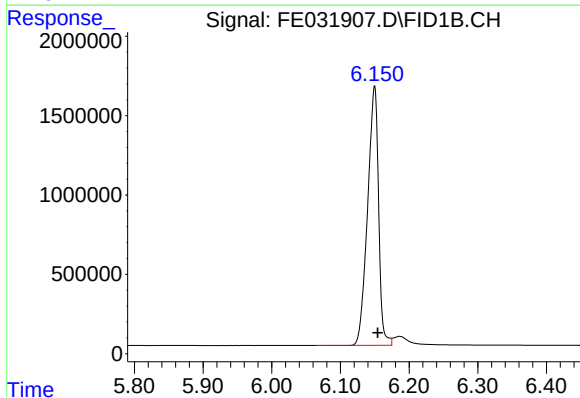
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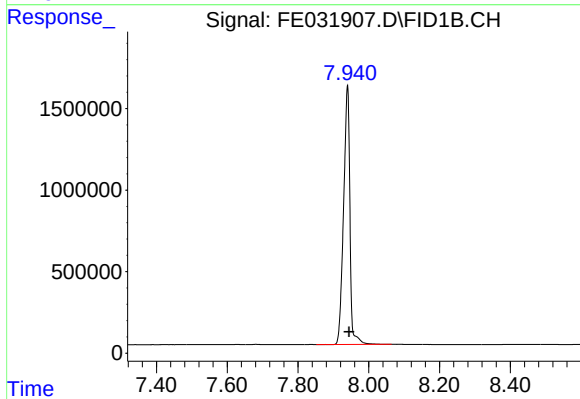
#2 N-DECANE

R.T.: 4.146 min
Delta R.T.: -0.005 min
Response: 18126157
Conc: 46.91 ug/ml



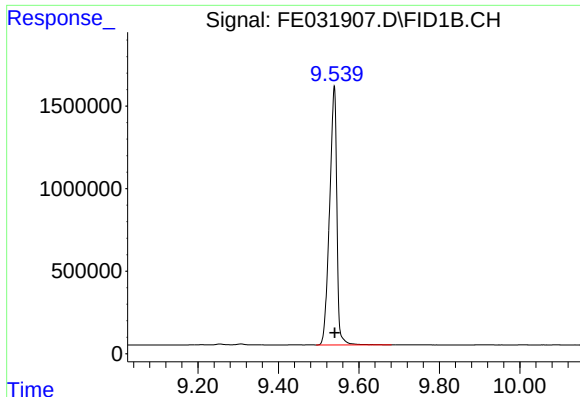
#3 N-DODECANE

R.T.: 6.149 min
Delta R.T.: -0.005 min
Response: 18147228
Conc: 48.44 ug/ml



#4 N-TETRADECANE

R.T.: 7.939 min
Delta R.T.: -0.005 min
Response: 19754228
Conc: 49.84 ug/ml



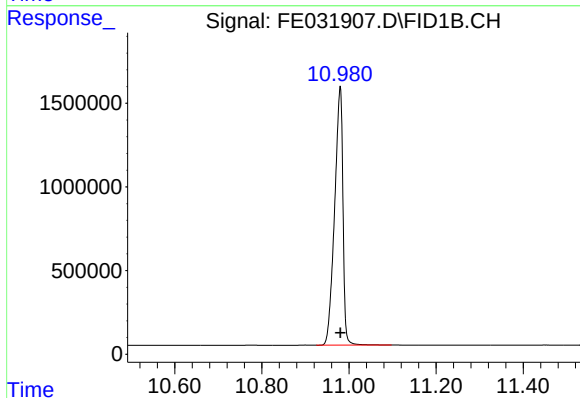
#5 N-HEXADECANE

R.T.: 9.538 min
Delta R.T.: -0.002 min
Response: 19734471
Conc: 48.39 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

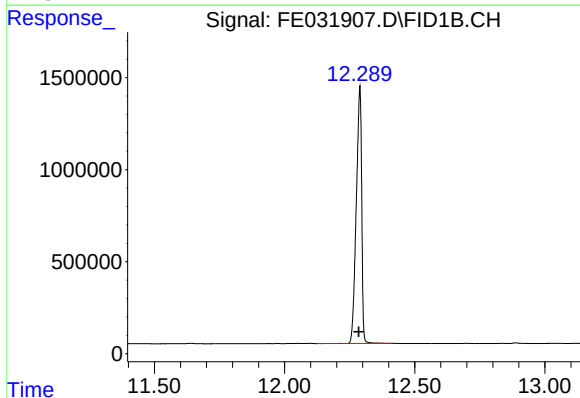
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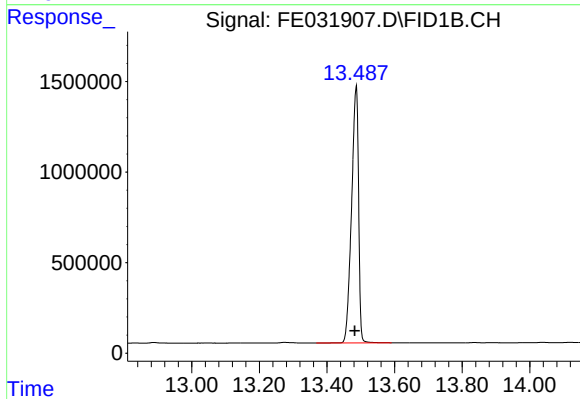
#6 N-OCTADECANE

R.T.: 10.979 min
Delta R.T.: -0.001 min
Response: 20505639
Conc: 48.29 ug/ml



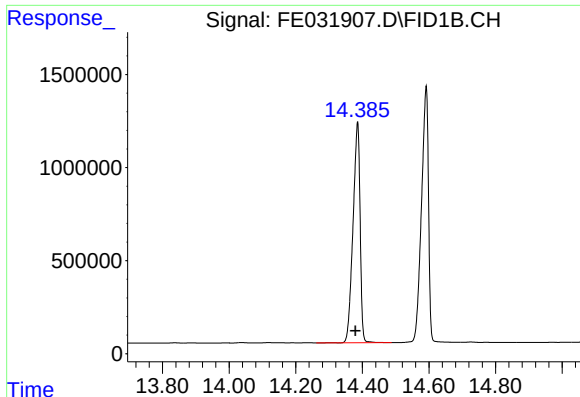
#7 N-EICOSANE

R.T.: 12.289 min
Delta R.T.: 0.003 min
Response: 20166645
Conc: 47.91 ug/ml



#8 N-DOCOSANE

R.T.: 13.486 min
Delta R.T.: 0.003 min
Response: 20334081
Conc: 47.96 ug/ml



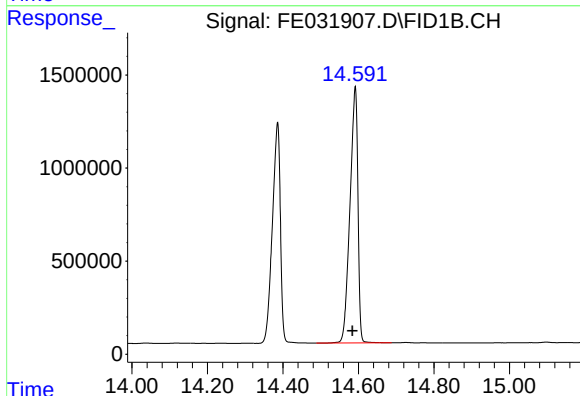
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.385 min
Delta R.T.: 0.006 min
Response: 17454327
Conc: 47.93 ug/ml

Instrument :
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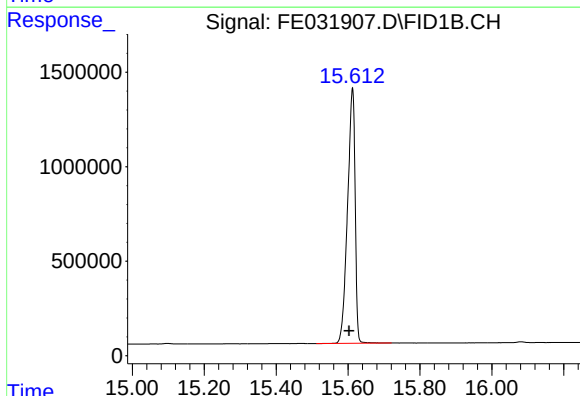
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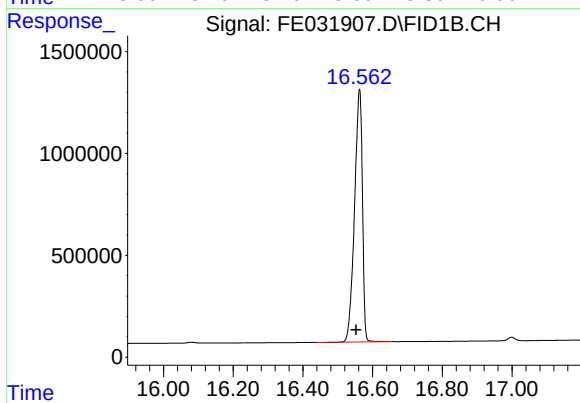
#10 N-TETRACOSANE

R.T.: 14.591 min
Delta R.T.: 0.007 min
Response: 20110189
Conc: 48.04 ug/ml



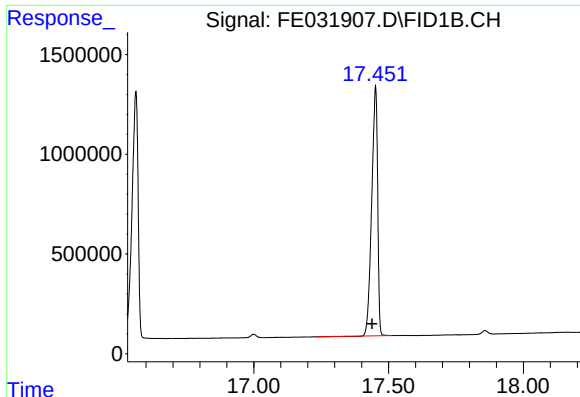
#11 N-HEXACOSANE

R.T.: 15.612 min
Delta R.T.: 0.008 min
Response: 19777516
Conc: 47.72 ug/ml



#12 N-OCTACOSANE

R.T.: 16.562 min
Delta R.T.: 0.010 min
Response: 19408066
Conc: 47.17 ug/ml



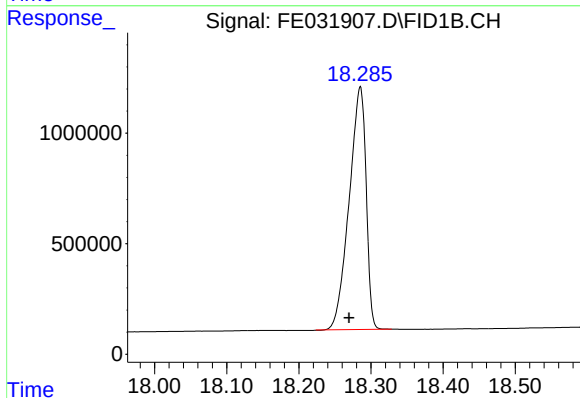
#13 N-TRIACONTANE

R.T.: 17.451 min
Delta R.T.: 0.013 min
Response: 19129648
Conc: 46.51 ug/ml

Instrument :
FID_E
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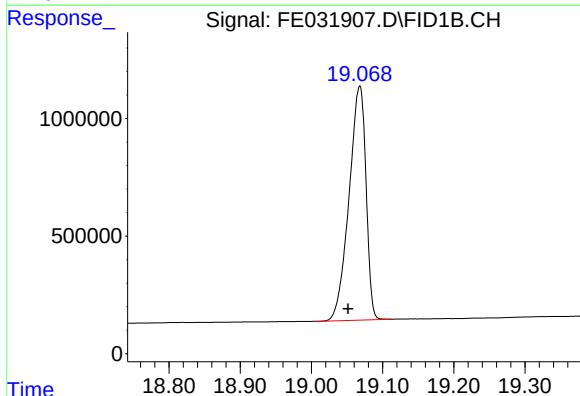
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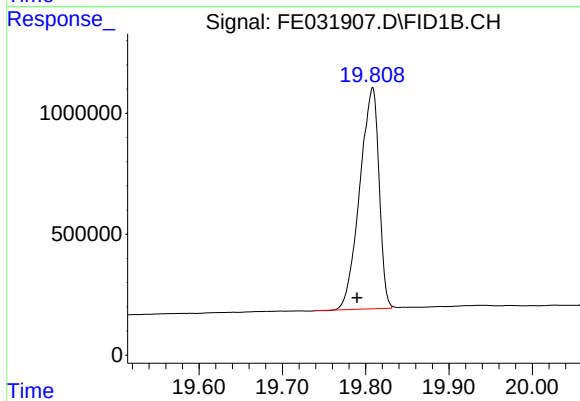
#14 N-DOTRIACONTANE

R.T.: 18.285 min
Delta R.T.: 0.015 min
Response: 17923026
Conc: 45.58 ug/ml m



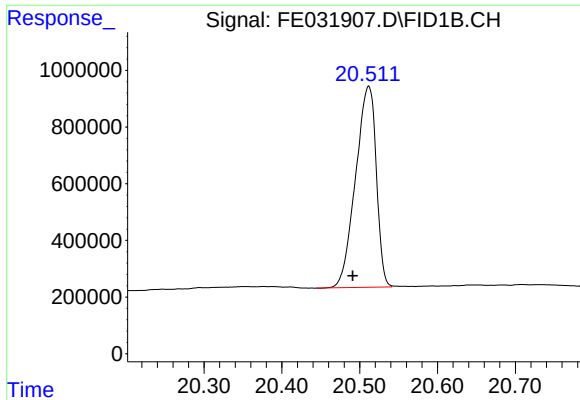
#15 N-TETRATRIACONTANE

R.T.: 19.068 min
Delta R.T.: 0.016 min
Response: 16490200
Conc: 44.54 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.808 min
Delta R.T.: 0.018 min
Response: 14727840
Conc: 42.71 ug/ml m



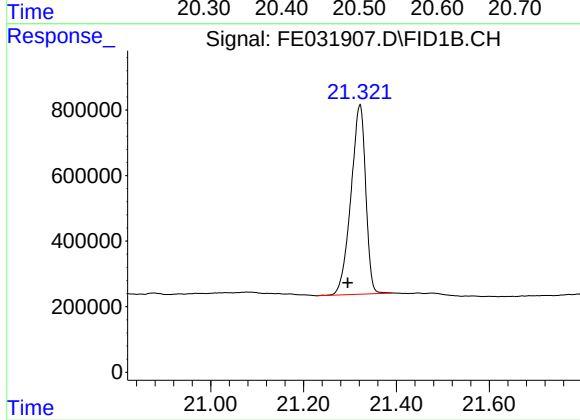
#17 N-OCTATRIACONTANE

R.T.: 20.511 min
Delta R.T.: 0.020 min
Response: 13094406
Conc: 42.34 ug/ml m

Instrument :
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#18 N-TETRACONTANE

R.T.: 21.321 min
Delta R.T.: 0.026 min
Response: 12782667
Conc: 40.44 ug/ml m