

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050520\
 Data File : FE031911.D
 Signal(s) : FID1B.CH
 Acq On : 05 May 2020 17:09
 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 17:50:34 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...	14.381	17182260	47.178 ug/ml
Target Compounds			
1) N-OCTANE	2.117	16470045	42.046 ug/ml
2) N-DECANE	4.144	17068892	44.171 ug/ml
3) N-DODECANE	6.147	18094171	48.301 ug/ml
4) N-TETRADECANE	7.938	18830943	47.509 ug/ml
5) N-HEXADECANE	9.536	18964446	46.504 ug/ml
6) N-OCTADECANE	10.977	19853845	46.757 ug/ml
7) N-EICOSANE	12.284	19630639	46.641 ug/ml
8) N-DOCOSANE	13.483	19931312	47.008 ug/ml
10) N-TETRACOSANE	14.588	19841837	47.401 ug/ml
11) N-HEXACOSANE	15.608	19538636	47.147 ug/ml
12) N-OCTACOSANE	16.559	19251287	46.794 ug/ml
13) N-TRIACONTANE	17.447	18986552	46.165 ug/ml
14) N-DOTRIACONTANE	18.280	17837495	45.362 ug/mlm
15) N-TETRATRIACONTANE	19.064	16055219	43.363 ug/mlm
16) N-HEXATRIACONTANE	19.804	14683917	42.585 ug/mlm
17) N-OCTATRIACONTANE	20.507	12081699	39.067 ug/mlm
18) N-TETRACONTANE	21.314	12444722	39.374 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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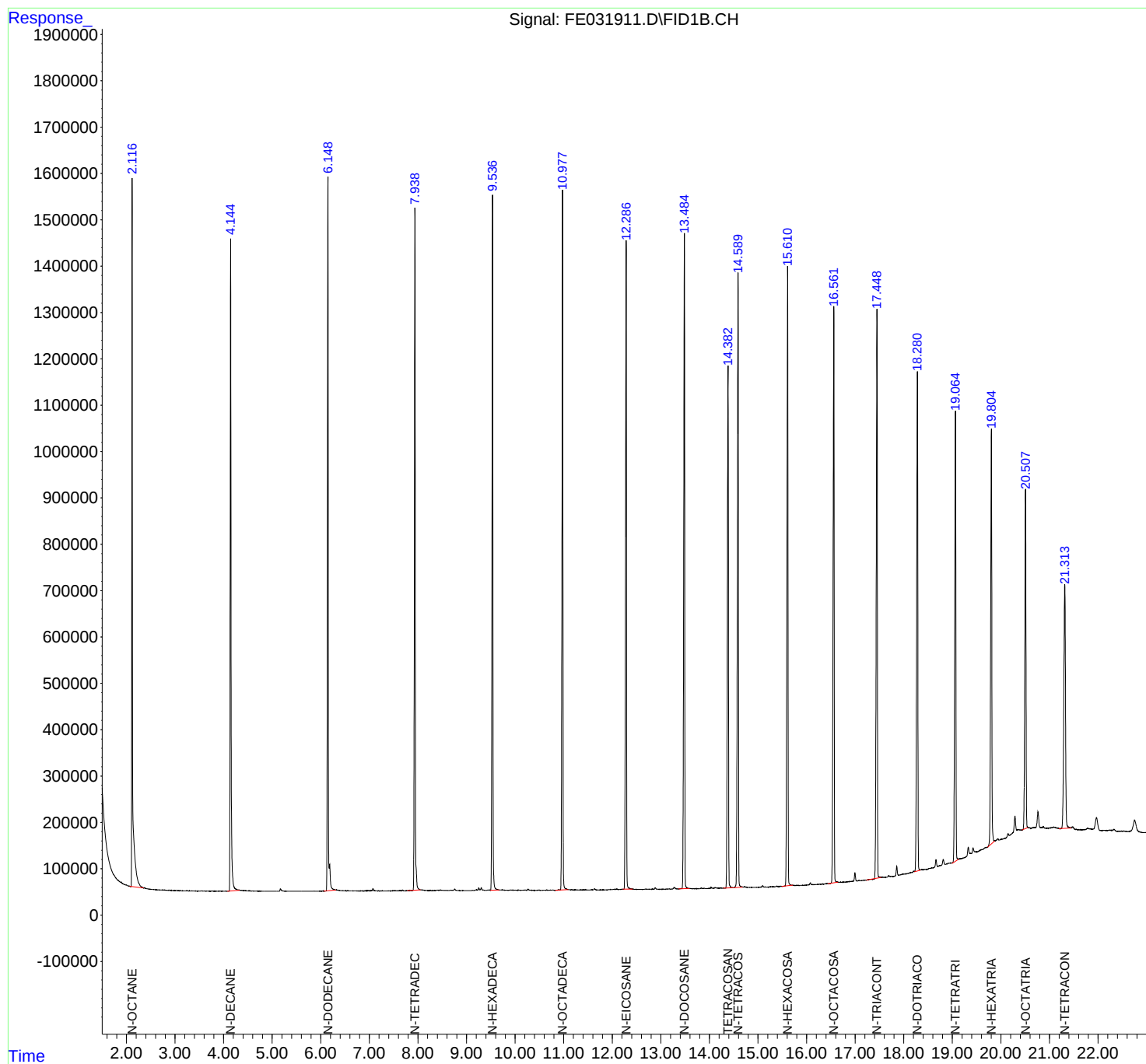
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50 PPM TRPH STD

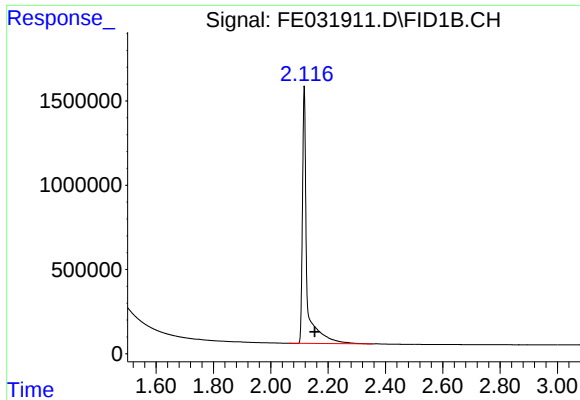
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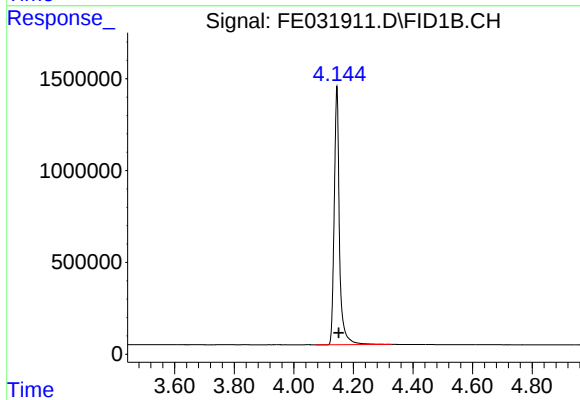
#1 N-OCTANE

R.T.: 2.117 min
Delta R.T.: -0.037 min
Response: 16470045
Conc: 42.05 ug/ml

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50 PPM TRPH STD

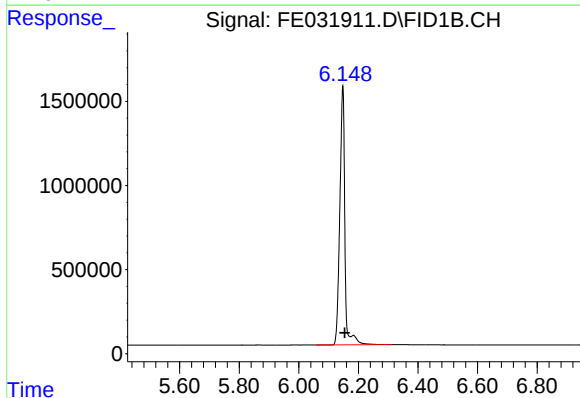
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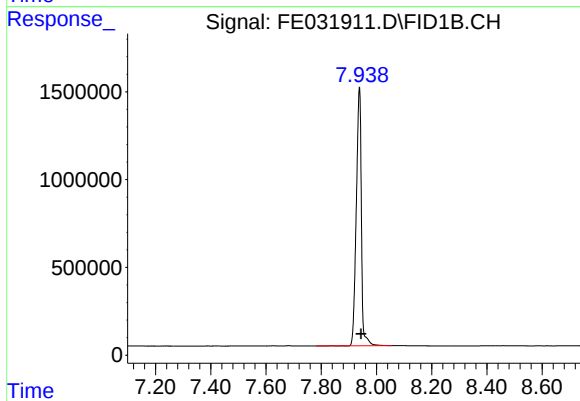
#2 N-DECANE

R.T.: 4.144 min
Delta R.T.: -0.007 min
Response: 17068892
Conc: 44.17 ug/ml



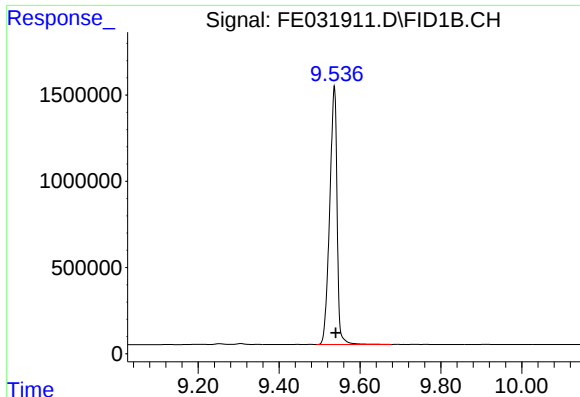
#3 N-DODECANE

R.T.: 6.147 min
Delta R.T.: -0.007 min
Response: 18094171
Conc: 48.30 ug/ml



#4 N-TETRADECANE

R.T.: 7.938 min
Delta R.T.: -0.006 min
Response: 18830943
Conc: 47.51 ug/ml



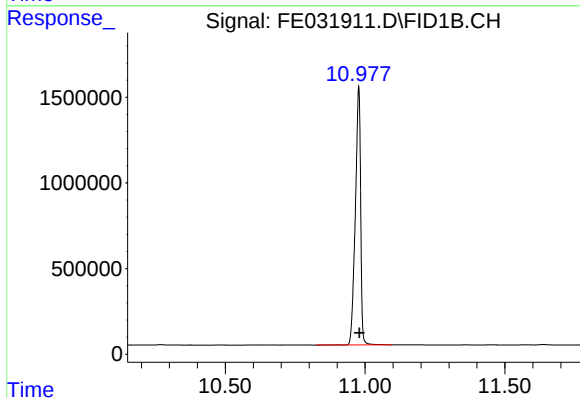
#5 N-HEXADECANE

R.T.: 9.536 min
Delta R.T.: -0.004 min
Response: 18964446
Conc: 46.50 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

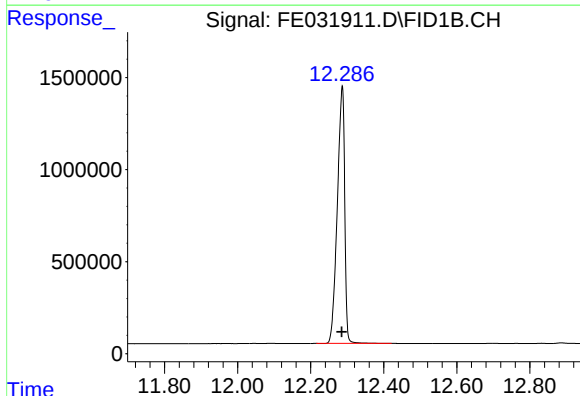
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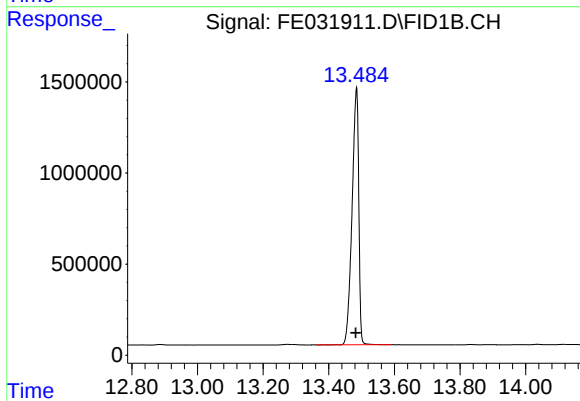
#6 N-OCTADECANE

R.T.: 10.977 min
Delta R.T.: -0.003 min
Response: 19853845
Conc: 46.76 ug/ml



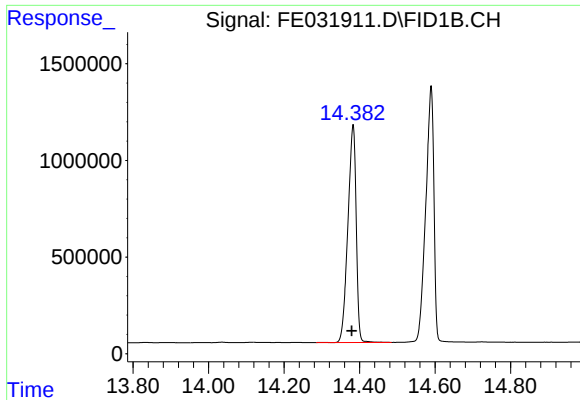
#7 N-EICOSANE

R.T.: 12.284 min
Delta R.T.: 0.000 min
Response: 19630639
Conc: 46.64 ug/ml



#8 N-DOCOSANE

R.T.: 13.483 min
Delta R.T.: 0.000 min
Response: 19931312
Conc: 47.01 ug/ml



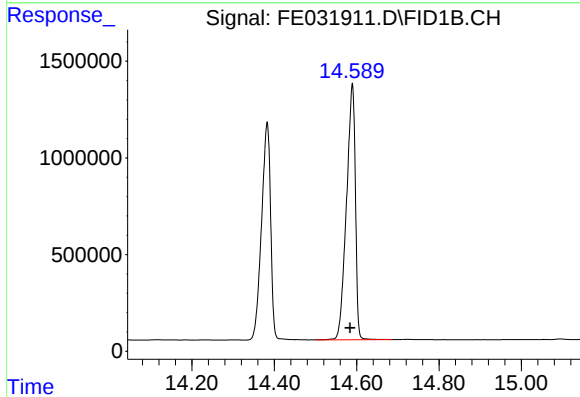
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.381 min
Delta R.T.: 0.002 min
Response: 17182260
Conc: 47.18 ug/ml

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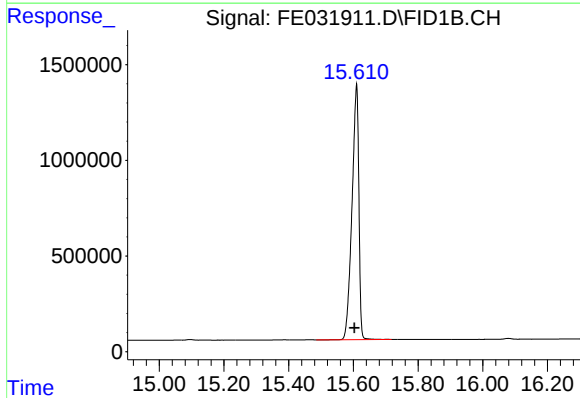
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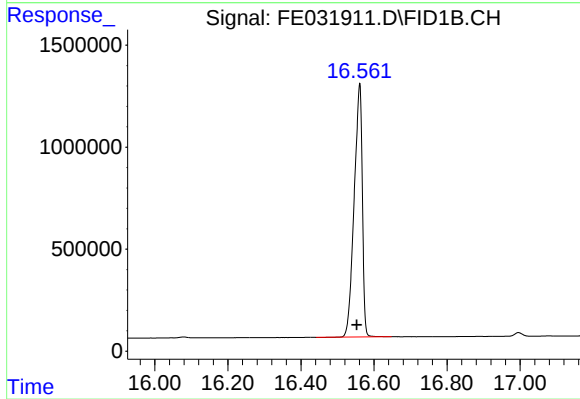
#10 N-TETRACOSANE

R.T.: 14.588 min
Delta R.T.: 0.004 min
Response: 19841837
Conc: 47.40 ug/ml



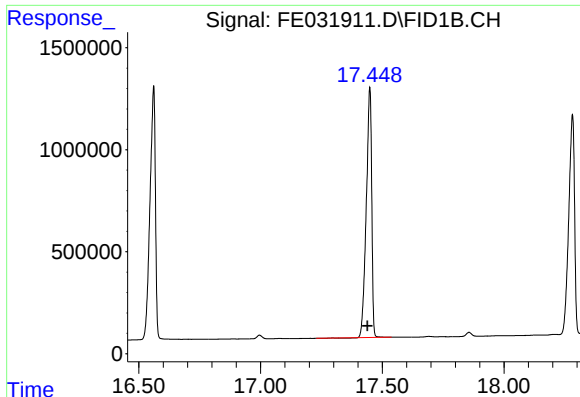
#11 N-HEXACOSANE

R.T.: 15.608 min
Delta R.T.: 0.005 min
Response: 19538636
Conc: 47.15 ug/ml



#12 N-OCTACOSANE

R.T.: 16.559 min
Delta R.T.: 0.006 min
Response: 19251287
Conc: 46.79 ug/ml



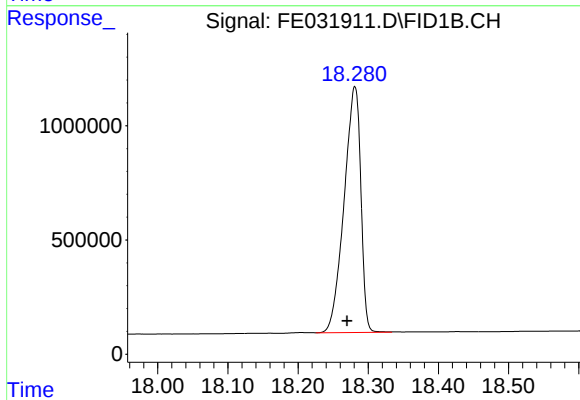
#13 N-TRIACONTANE

R.T.: 17.447 min
Delta R.T.: 0.009 min
Response: 18986552
Conc: 46.16 ug/ml

Instrument :
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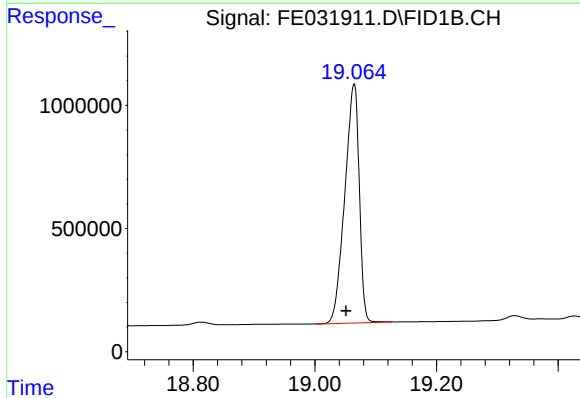
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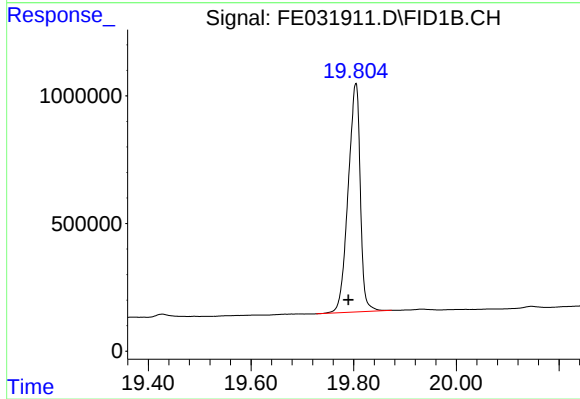
#14 N-DOTRIACONTANE

R.T.: 18.280 min
Delta R.T.: 0.010 min
Response: 17837495
Conc: 45.36 ug/ml m



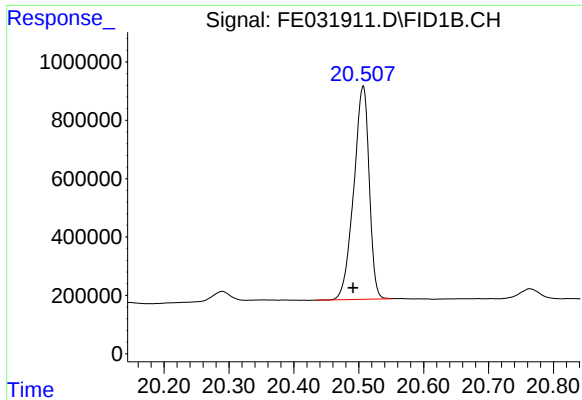
#15 N-TETRATRIACONTANE

R.T.: 19.064 min
Delta R.T.: 0.013 min
Response: 16055219
Conc: 43.36 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.804 min
Delta R.T.: 0.014 min
Response: 14683917
Conc: 42.59 ug/ml m



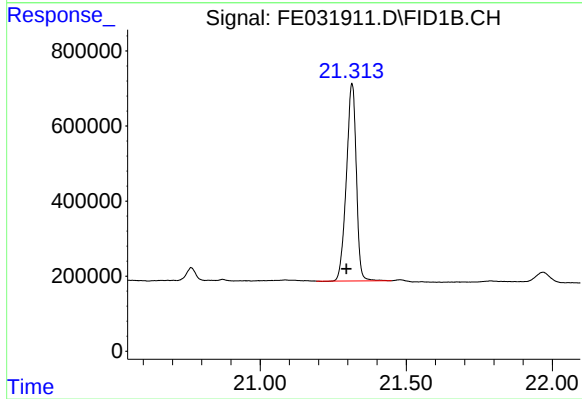
#17 N-OCTATRIACONTANE

R.T.: 20.507 min
Delta R.T.: 0.016 min
Response: 12081699
Conc: 39.07 ug/ml m

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#18 N-TETRACONTANE

R.T.: 21.314 min
Delta R.T.: 0.019 min
Response: 12444722
Conc: 39.37 ug/ml