

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071621\
 Data File : FE034076.D
 Signal(s) : FID1B.CH
 Acq On : 16 Jul 2021 13:41
 Operator : DD\AJ
 Sample : M2940-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-06-QT3-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jul 17 00:52:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE062321.M
 Quant Title :
 QLast Update : Thu Jun 24 03:12:19 2021
 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...	14.684	7103083	20.304 ug/ml
Target Compounds			
1) N-OCTANE	2.388	326751	0.879 ug/ml
2) N-DECANE	4.426	332965	0.880 ug/ml
3) N-DODECANE	6.436	267323	0.698 ug/ml
4) N-TETRADECANE	8.229	296321	0.757 ug/ml
5) N-HEXADECANE	9.834	318152	0.813 ug/ml
6) N-OCTADECANE	11.272	363851	0.903 ug/ml
7) N-EICOSANE	12.580	375529	0.931 ug/ml
8) N-DOCOSANE	13.779	374902	0.930 ug/ml
10) N-TETRACOSANE	14.882	385956	0.948 ug/ml
11) N-HEXACOSANE	15.907	368998	0.910 ug/ml
12) N-OCTACOSANE	16.856	386866	0.955 ug/ml
13) N-TRIACONTANE	17.744	458955	1.135 ug/ml
14) N-DOTRIACONTANE	18.577	490898	1.239 ug/ml
15) N-TETRATRIACONTANE	19.361	423408	1.113 ug/ml
16) N-HEXATRIACONTANE	20.103	330893	0.946 ug/ml
17) N-OCTATRIACONTANE	20.842	280484	0.899 ug/ml
18) N-TETRACONTANE	21.752	290800	0.935 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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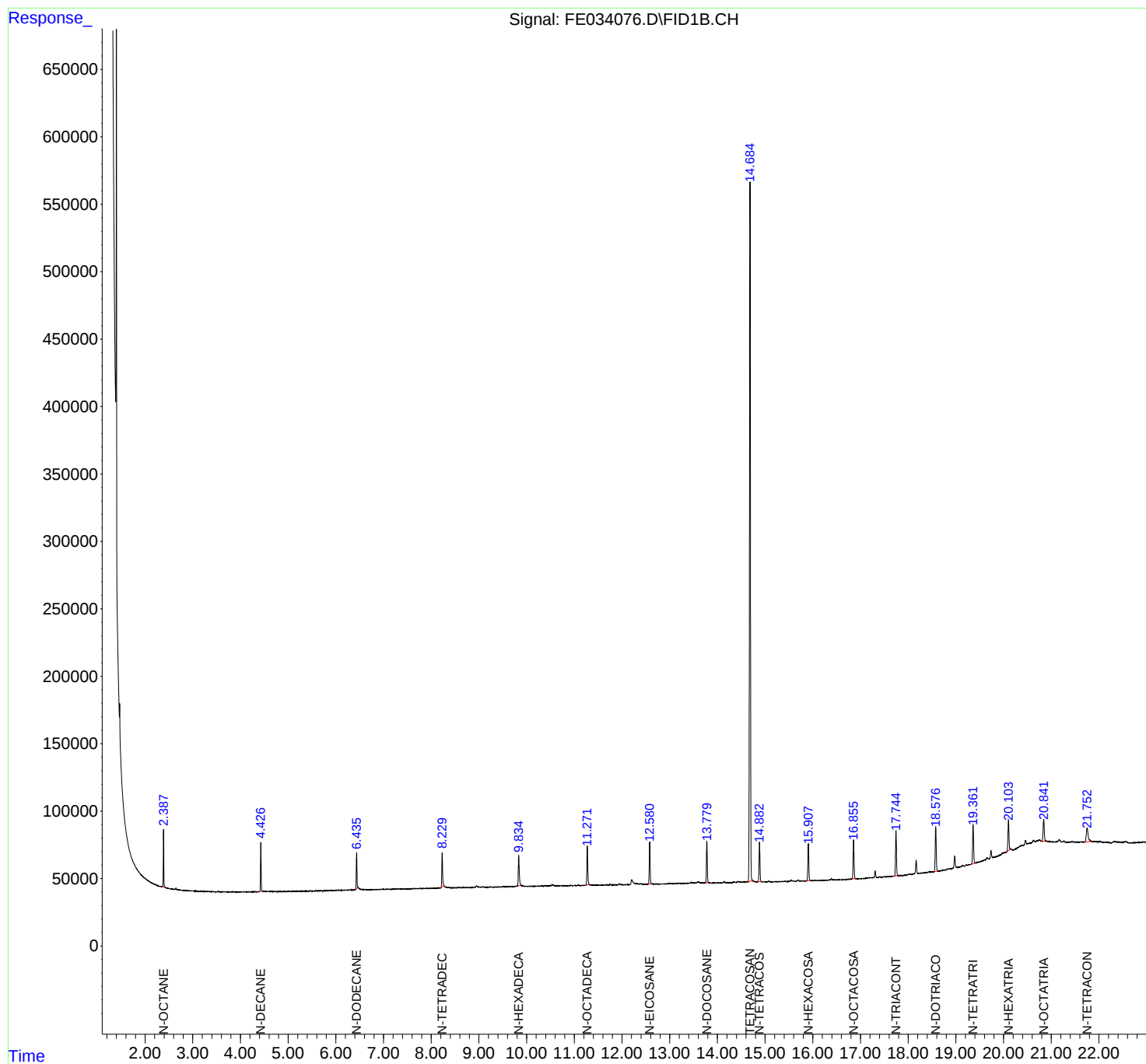
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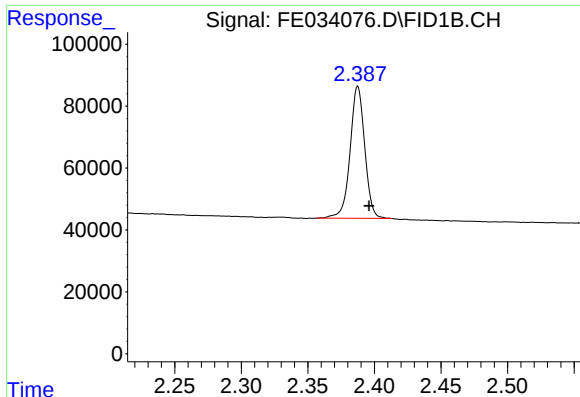
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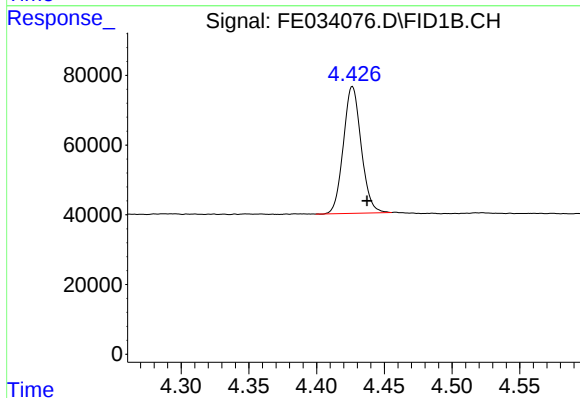
#1 N-OCTANE

R.T.: 2.388 min
Delta R.T.: -0.008 min
Response: 326751
Conc: 0.88 ug/ml

Instrument :
FID_E
ClientSampleId :
MDL-SOIL-06-QT3-2021

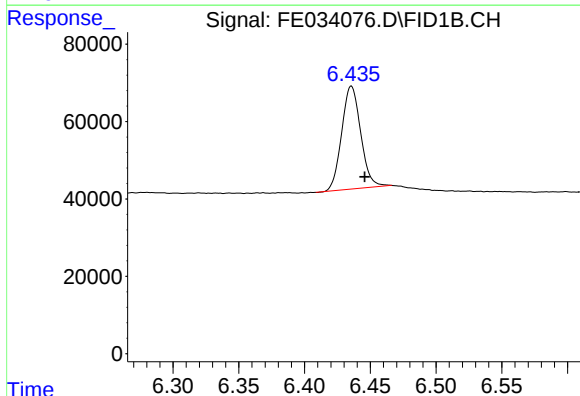
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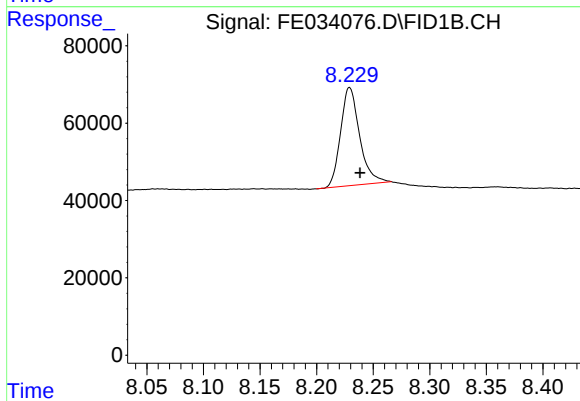
#2 N-DECANE

R.T.: 4.426 min
Delta R.T.: -0.011 min
Response: 332965
Conc: 0.88 ug/ml



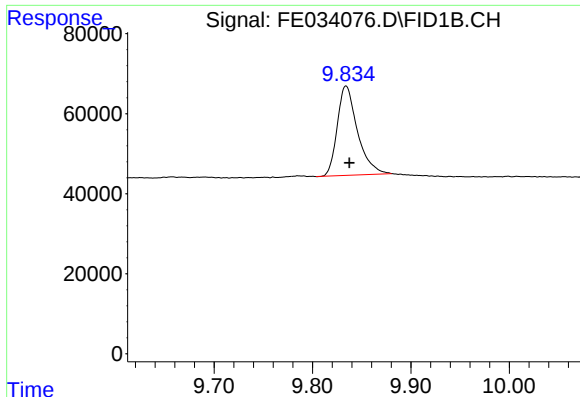
#3 N-DODECANE

R.T.: 6.436 min
Delta R.T.: -0.010 min
Response: 267323
Conc: 0.70 ug/ml



#4 N-TETRADECANE

R.T.: 8.229 min
Delta R.T.: -0.009 min
Response: 296321
Conc: 0.76 ug/ml



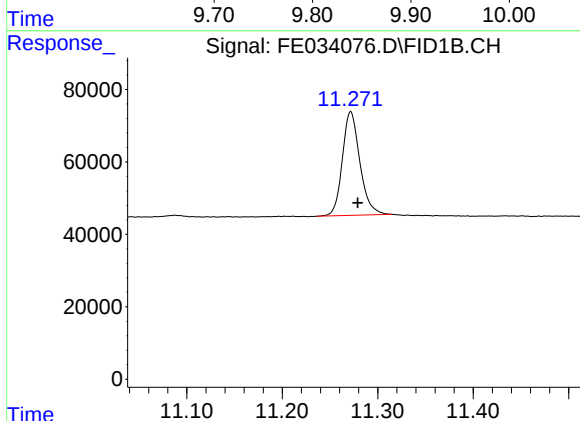
#5 N-HEXADECANE

R.T.: 9.834 min
Delta R.T.: -0.003 min
Response: 318152
Conc: 0.81 ug/ml

Instrument :
FID_E
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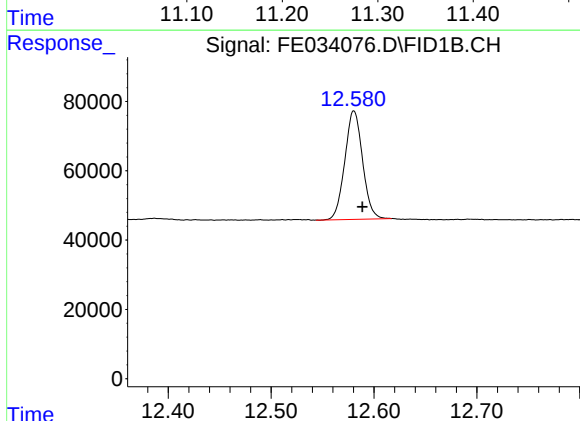
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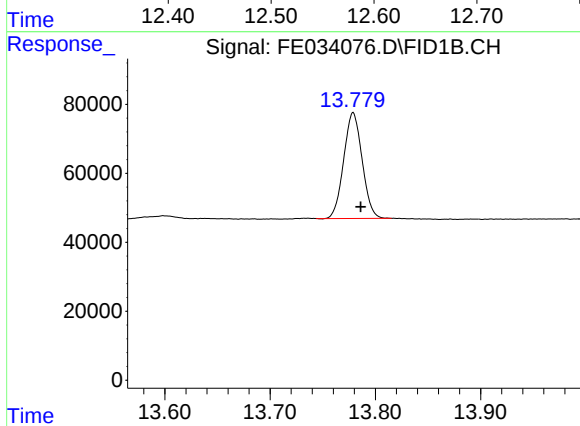
#6 N-OCTADECANE

R.T.: 11.272 min
Delta R.T.: -0.007 min
Response: 363851
Conc: 0.90 ug/ml



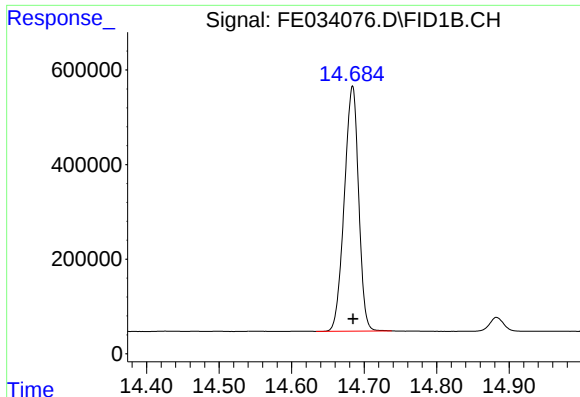
#7 N-EICOSANE

R.T.: 12.580 min
Delta R.T.: -0.008 min
Response: 375529
Conc: 0.93 ug/ml



#8 N-DOCOSANE

R.T.: 13.779 min
Delta R.T.: -0.007 min
Response: 374902
Conc: 0.93 ug/ml



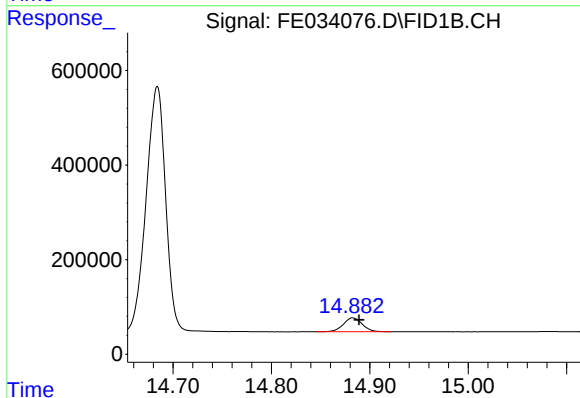
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.684 min
Delta R.T.: 0.000 min
Response: 7103083
Conc: 20.30 ug/ml

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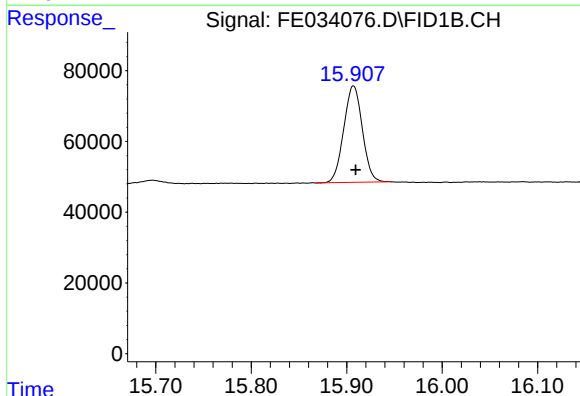
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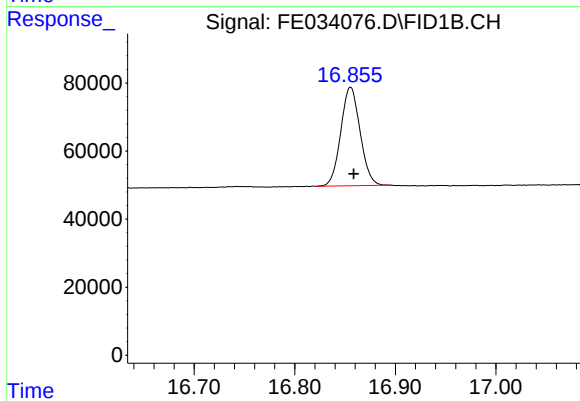
#10 N-TETRACOSANE

R.T.: 14.882 min
Delta R.T.: -0.007 min
Response: 385956
Conc: 0.95 ug/ml



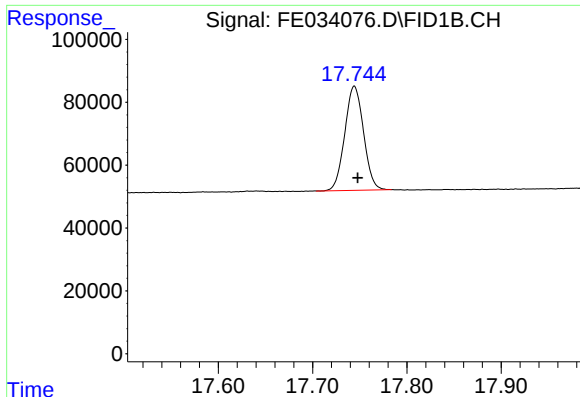
#11 N-HEXACOSANE

R.T.: 15.907 min
Delta R.T.: -0.002 min
Response: 368998
Conc: 0.91 ug/ml



#12 N-OCTACOSANE

R.T.: 16.856 min
Delta R.T.: -0.003 min
Response: 386866
Conc: 0.95 ug/ml



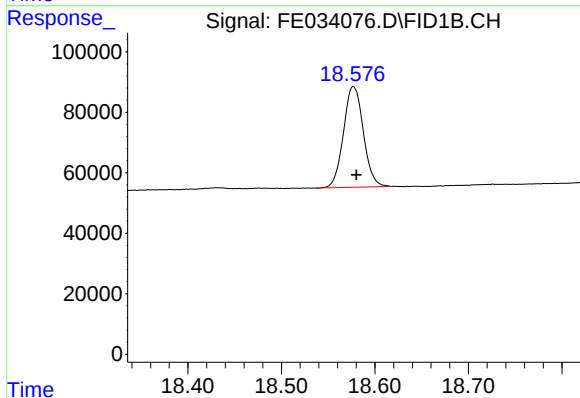
#13 N-TRIACONTANE

R.T.: 17.744 min
Delta R.T.: -0.004 min
Response: 458955
Conc: 1.13 ug/ml

Instrument :
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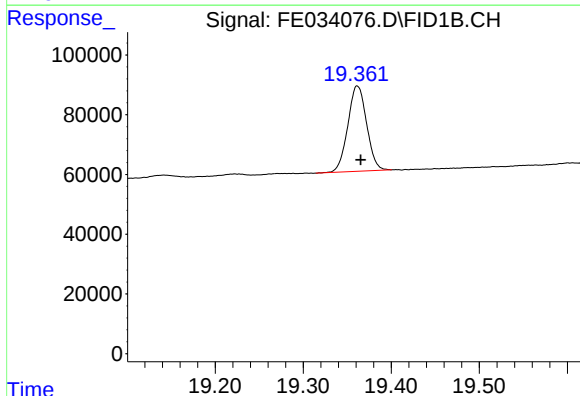
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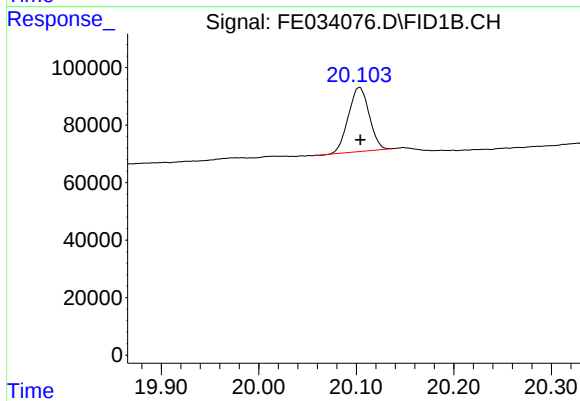
#14 N-DOTRIACONTANE

R.T.: 18.577 min
Delta R.T.: -0.003 min
Response: 490898
Conc: 1.24 ug/ml



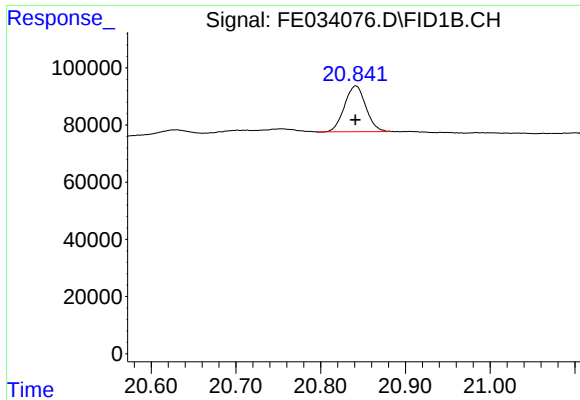
#15 N-TETRATRIACONTANE

R.T.: 19.361 min
Delta R.T.: -0.004 min
Response: 423408
Conc: 1.11 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.103 min
Delta R.T.: 0.000 min
Response: 330893
Conc: 0.95 ug/ml



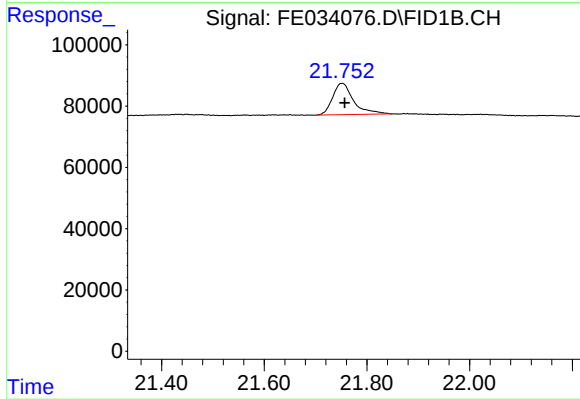
#17 N-OCTATRIACONTANE

R.T.: 20.842 min
Delta R.T.: 0.000 min
Response: 280484
Conc: 0.90 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.752 min
Delta R.T.: -0.005 min
Response: 290800
Conc: 0.93 ug/ml m