

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022120\
 Data File : FE031341.D
 Signal(s) : FID1B.CH
 Acq On : 21 Feb 2020 17:28
 Operator : DD\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 22:28:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE021120.M
 Quant Title :
 QLast Update : Tue Feb 11 12:55:11 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...	14.612	14624759	47.054 ug/ml
Target Compounds			
1) N-OCTANE	2.322	17306420	49.708 ug/ml
2) N-DECANE	4.347	16980870	51.238 ug/ml
3) N-DODECANE	6.353	17213121	52.159 ug/ml
4) N-TETRADECANE	8.149	17189536	50.866 ug/ml
5) N-HEXADECANE	9.752	17326096	50.429 ug/ml
6) N-OCTADECANE	11.197	17234833	49.978 ug/ml
7) N-EICOSANE	12.510	17157569	49.249 ug/ml
8) N-DOCOSANE	13.711	16984710	48.131 ug/ml
10) N-TETRACOSANE	14.820	16802347	47.109 ug/ml
11) N-HEXACOSANE	15.843	16409479	46.046 ug/ml
12) N-OCTACOSANE	16.795	16208551	44.732 ug/ml
13) N-TRIACONTANE	17.687	16009837	43.581 ug/ml
14) N-DOTRIACONTANE	18.519	15225276	43.154 ug/ml
15) N-TETRATRIACONTANE	19.303	13291123	43.521 ug/ml
16) N-HEXATRIACONTANE	20.040	12222308	49.255 ug/ml
17) N-OCTATRIACONTANE	20.768	9045324	46.624 ug/ml
18) N-TETRACONTANE	21.658	7310613	39.784 ug/ml

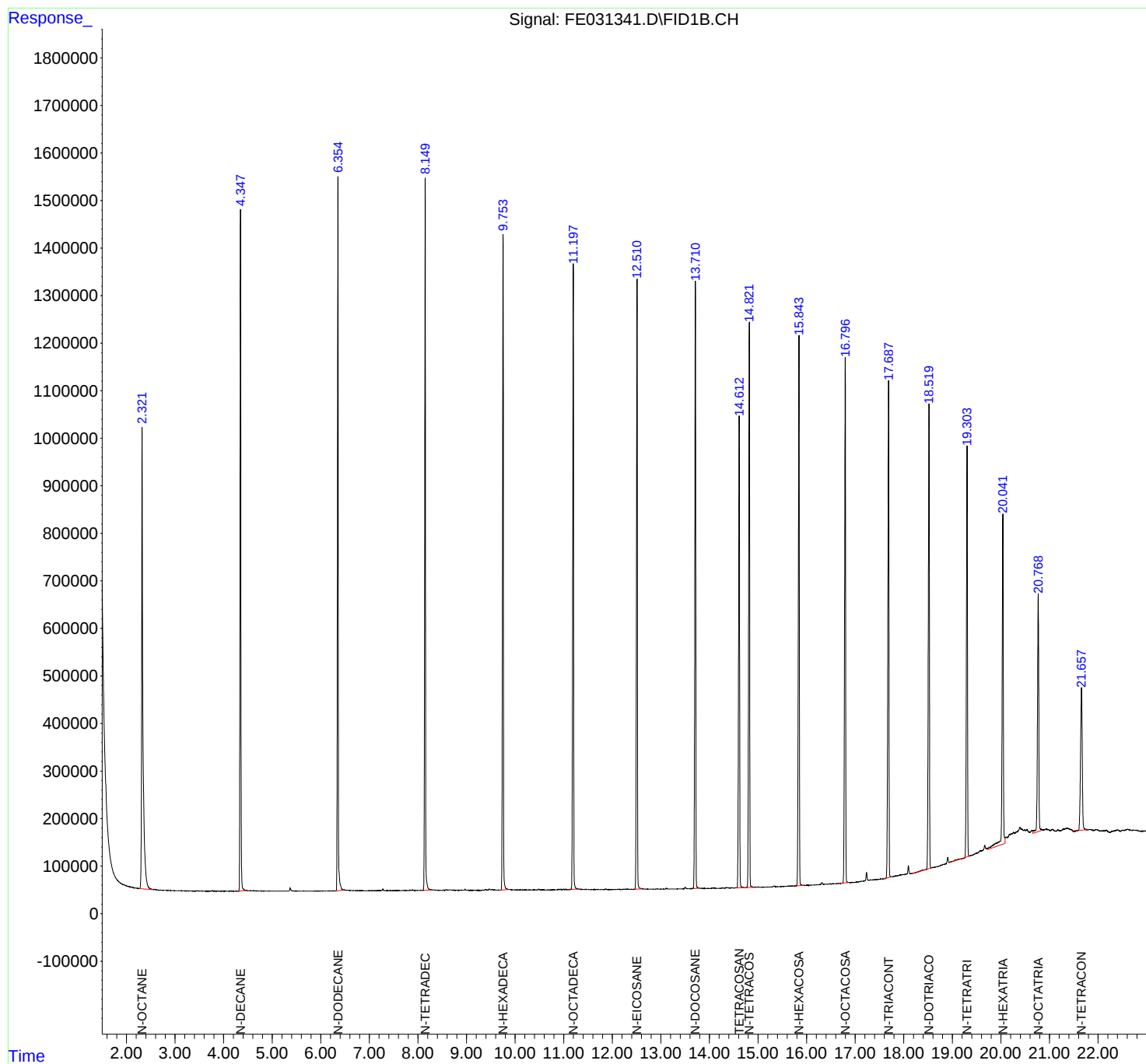
(f)=RT Delta > 1/2 Window

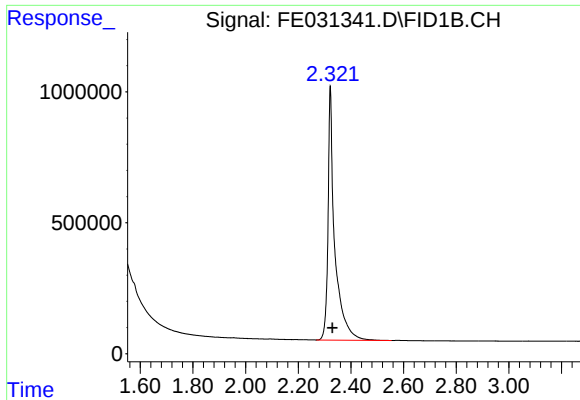
(m)=manual int.

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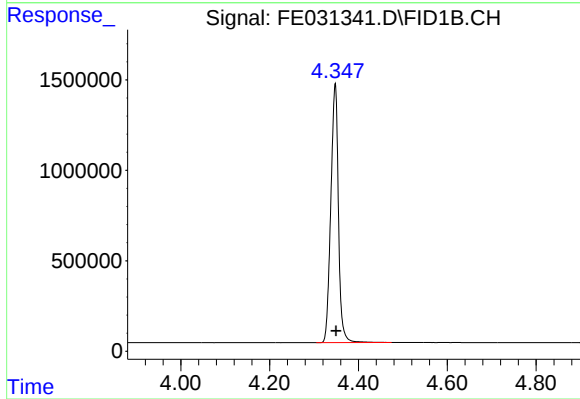
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





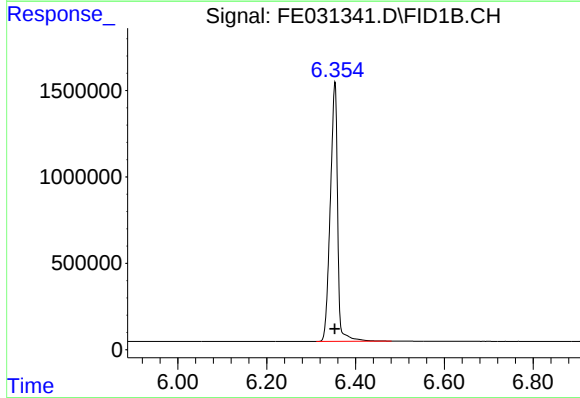
#1 N-OCTANE

R.T.: 2.322 min
Delta R.T.: -0.008 min
Response: 17306420
Conc: 49.71 ug/ml



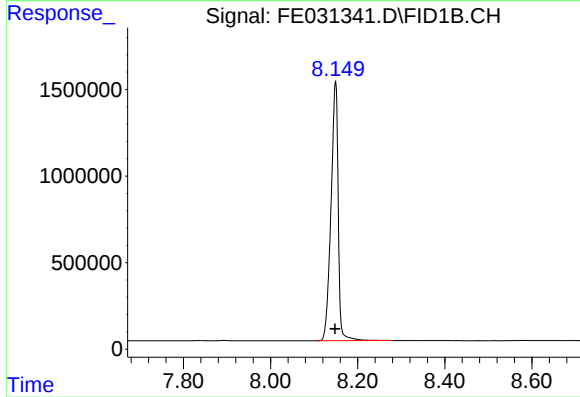
#2 N-DECANE

R.T.: 4.347 min
Delta R.T.: -0.002 min
Response: 16980870
Conc: 51.24 ug/ml



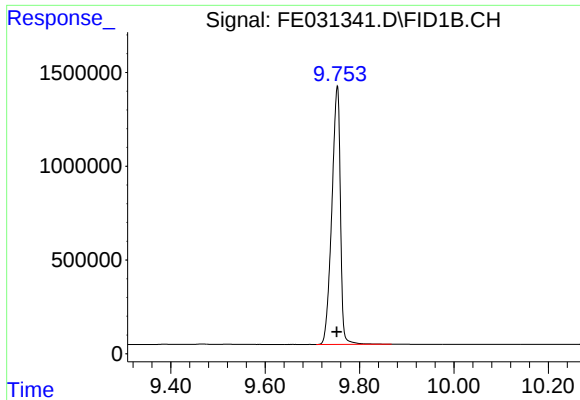
#3 N-DODECANE

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 17213121
Conc: 52.16 ug/ml



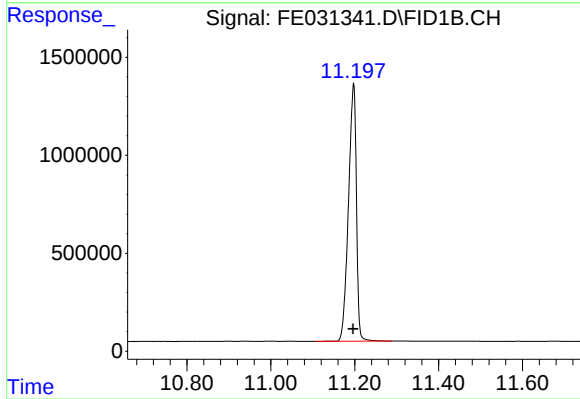
#4 N-TETRADECANE

R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 17189536
Conc: 50.87 ug/ml



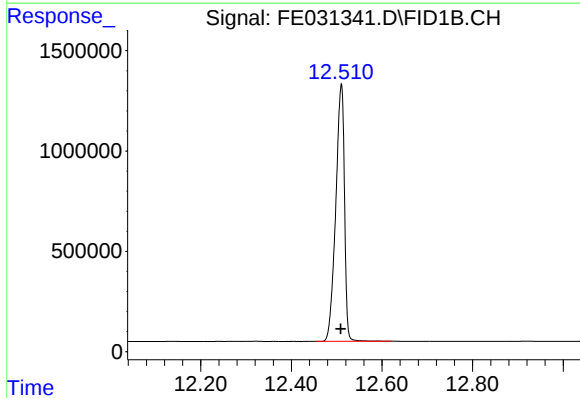
#5 N-HEXADECANE

R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 17326096
Conc: 50.43 ug/ml



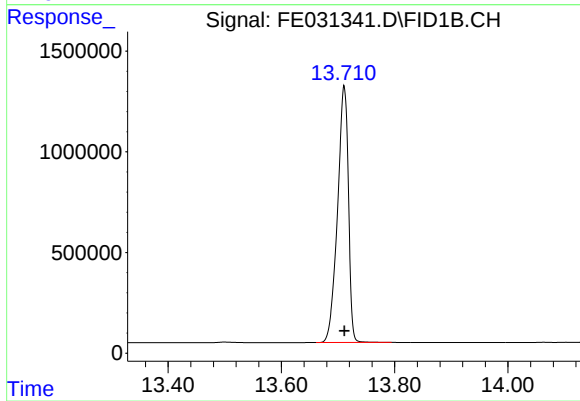
#6 N-OCTADECANE

R.T.: 11.197 min
Delta R.T.: 0.000 min
Response: 17234833
Conc: 49.98 ug/ml



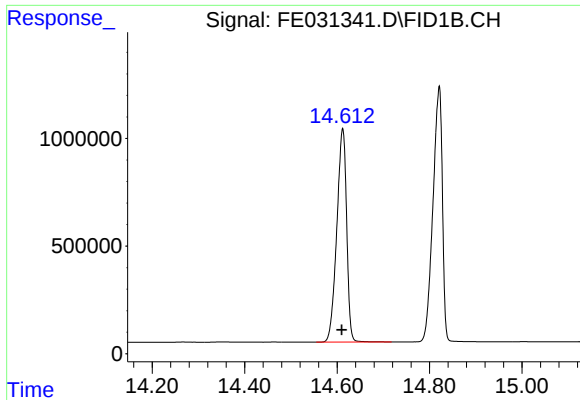
#7 N-EICOSANE

R.T.: 12.510 min
Delta R.T.: 0.001 min
Response: 17157569
Conc: 49.25 ug/ml



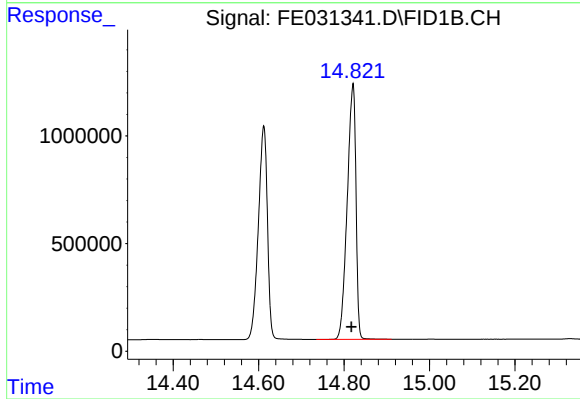
#8 N-DOCOSANE

R.T.: 13.711 min
Delta R.T.: 0.000 min
Response: 16984710
Conc: 48.13 ug/ml



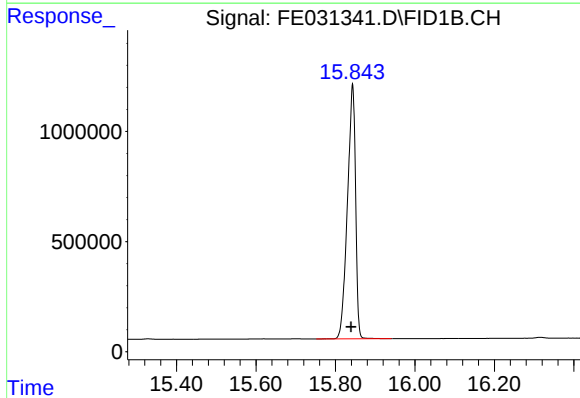
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.612 min
Delta R.T.: 0.001 min
Response: 14624759
Conc: 47.05 ug/ml



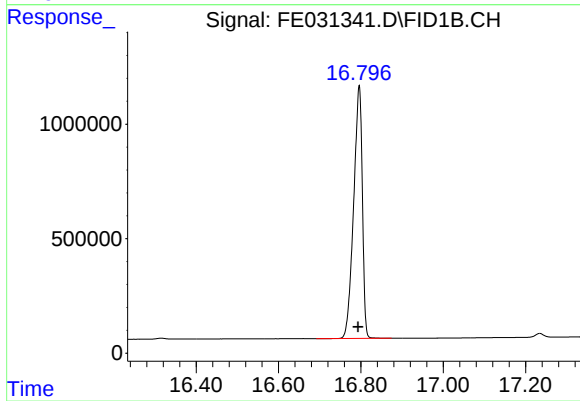
#10 N-TETRACOSANE

R.T.: 14.820 min
Delta R.T.: 0.003 min
Response: 16802347
Conc: 47.11 ug/ml



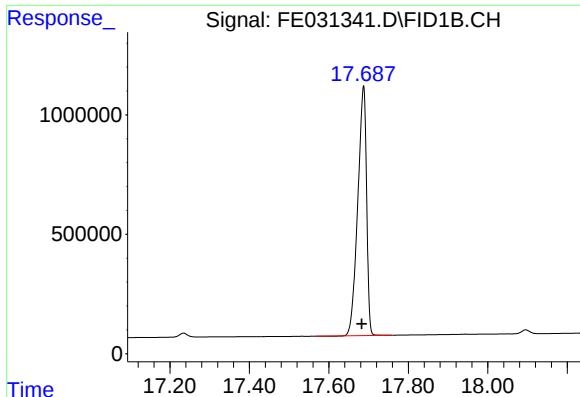
#11 N-HEXACOSANE

R.T.: 15.843 min
Delta R.T.: 0.003 min
Response: 16409479
Conc: 46.05 ug/ml



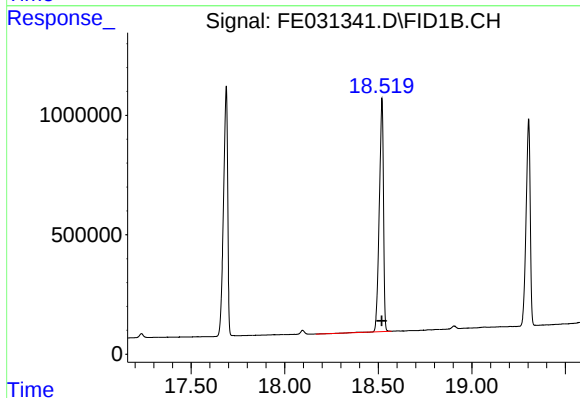
#12 N-OCTACOSANE

R.T.: 16.795 min
Delta R.T.: 0.002 min
Response: 16208551
Conc: 44.73 ug/ml



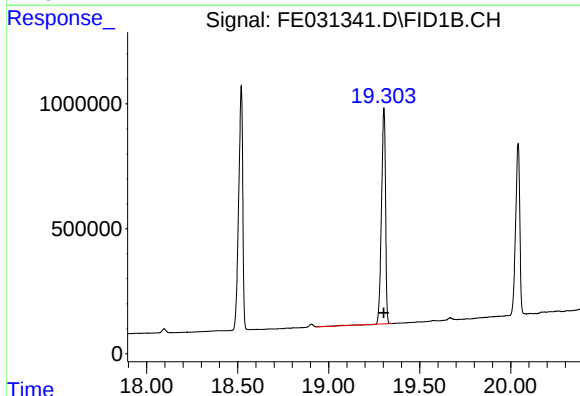
#13 N-TRIACONTANE

R.T.: 17.687 min
Delta R.T.: 0.004 min
Response: 16009837
Conc: 43.58 ug/ml



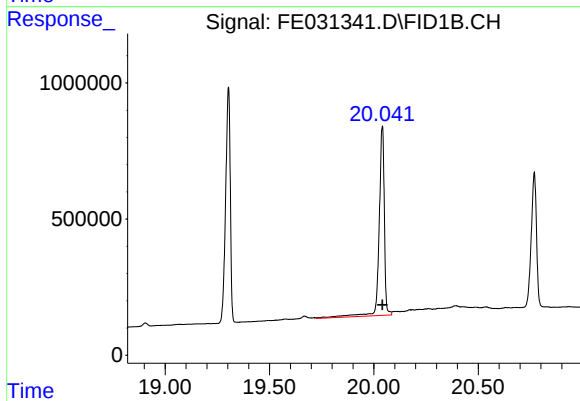
#14 N-DOTRIACONTANE

R.T.: 18.519 min
Delta R.T.: 0.000 min
Response: 15225276
Conc: 43.15 ug/ml



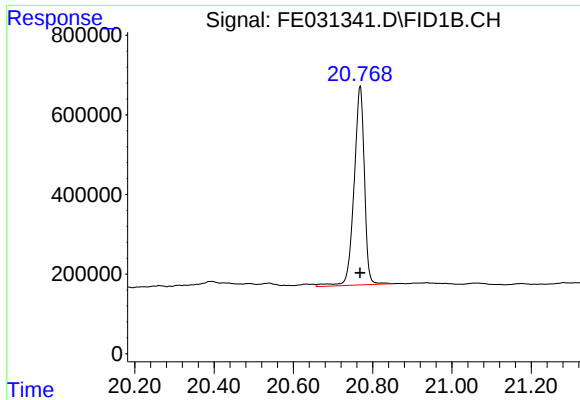
#15 N-TETRATRIACONTANE

R.T.: 19.303 min
Delta R.T.: 0.000 min
Response: 13291123
Conc: 43.52 ug/ml



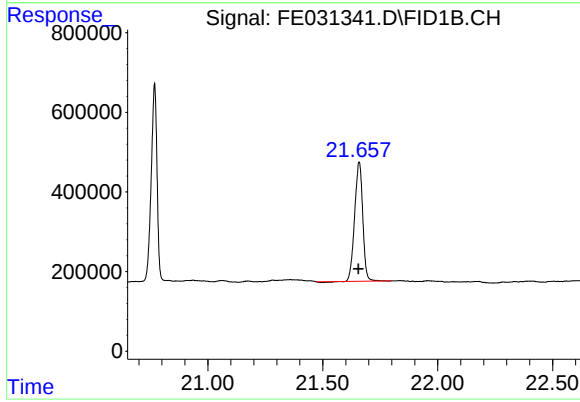
#16 N-HEXATRIACONTANE

R.T.: 20.040 min
Delta R.T.: -0.002 min
Response: 12222308
Conc: 49.26 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.768 min
Delta R.T.: 0.000 min
Response: 9045324
Conc: 46.62 ug/ml



#18 N-TETRACONTANE

R.T.: 21.658 min
Delta R.T.: 0.003 min
Response: 7310613
Conc: 39.78 ug/ml