

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021524\
 Data File : FE046808.D
 Signal(s) : FID1B.ch
 Acq On : 15 Feb 2024 10:22
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 01:24:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE021424.M
 Quant Title :
 QLast Update : Wed Feb 14 16:03:20 2024
 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...	14.894	6248355	50.789 ug/ml
Target Compounds			
1) N-OCTANE	1.929	7299051	50.366 ug/ml
2) N-DECANE	4.438	6752079	51.879 ug/ml
3) N-DODECANE	6.609	6994820	53.061 ug/ml
4) N-TETRADECANE	8.435	6578065	51.139 ug/ml
5) N-HEXADECANE	10.043	7086110	53.725 ug/ml
6) N-OCTADECANE	11.485	7278595	51.436 ug/ml
7) N-EICOSANE	12.796	7078522	51.036 ug/ml
8) N-DOCOSANE	13.994	6902214	50.791 ug/ml
10) N-TETRACOSANE	15.099	6818672	50.701 ug/ml
11) N-HEXACOSANE	16.119	6682747	50.691 ug/ml
12) N-OCTACOSANE	17.070	6617641	50.697 ug/ml
13) N-TRIACONTANE	17.957	6553736	50.503 ug/ml
14) N-DOTRIACONTANE	18.790	6286812	50.208 ug/ml
15) N-TETRATRIACONTANE	19.575	5086756	49.422 ug/ml
16) N-HEXATRIACONTANE	20.314	4041949	49.527 ug/ml
17) N-OCTATRIACONTANE	21.038	3648948	47.511 ug/ml
18) N-TETRACONTANE	21.913	3756274	48.607 ug/ml

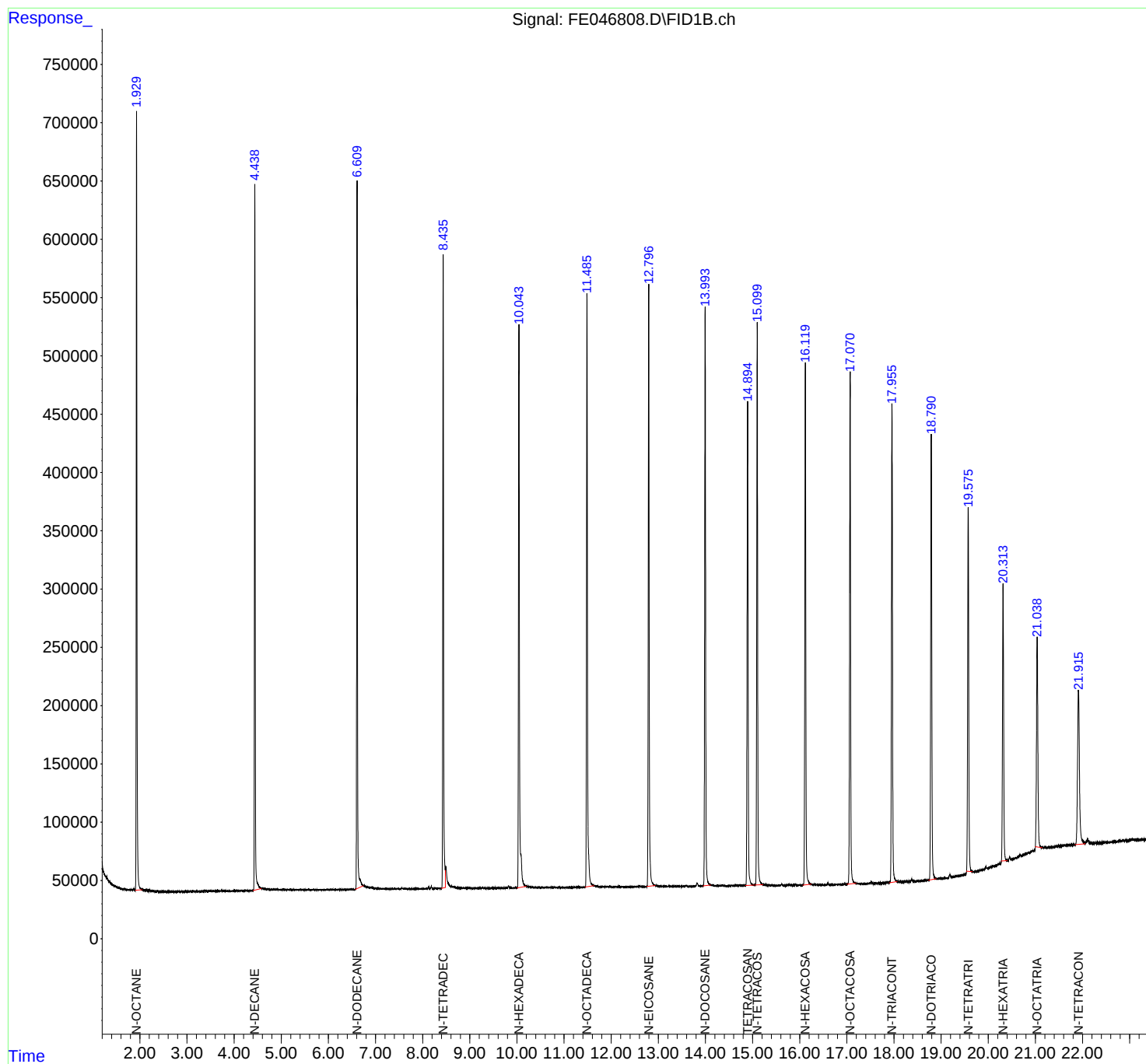
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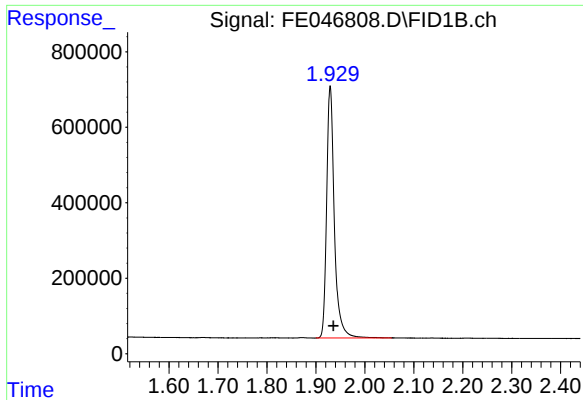
(m)=manual int.

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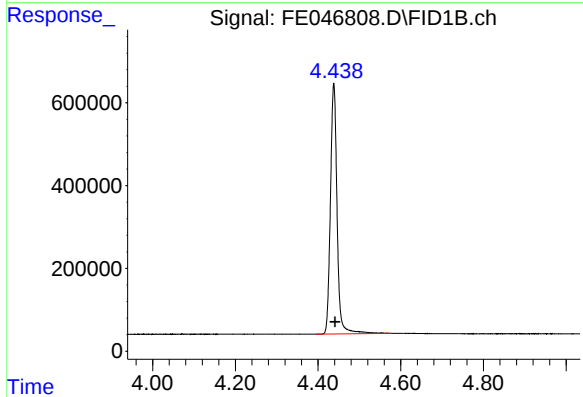
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





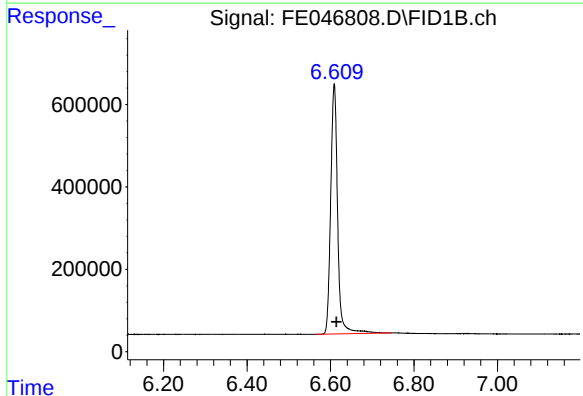
#1 N-OCTANE

R.T.: 1.929 min
Delta R.T.: -0.007 min
Response: 7299051
Conc: 50.37 ug/ml



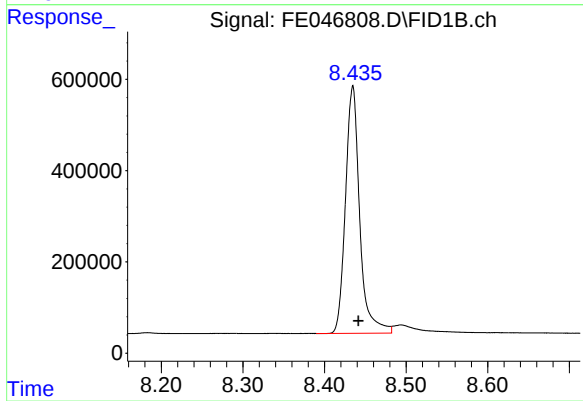
#2 N-DECANE

R.T.: 4.438 min
Delta R.T.: -0.003 min
Response: 6752079
Conc: 51.88 ug/ml



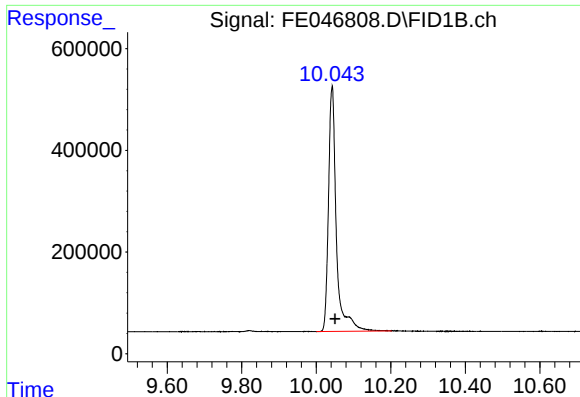
#3 N-DODECANE

R.T.: 6.609 min
Delta R.T.: -0.005 min
Response: 6994820
Conc: 53.06 ug/ml



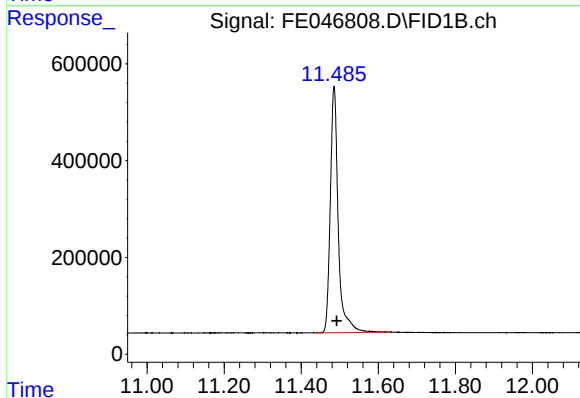
#4 N-TETRADECANE

R.T.: 8.435 min
Delta R.T.: -0.007 min
Response: 6578065
Conc: 51.14 ug/ml



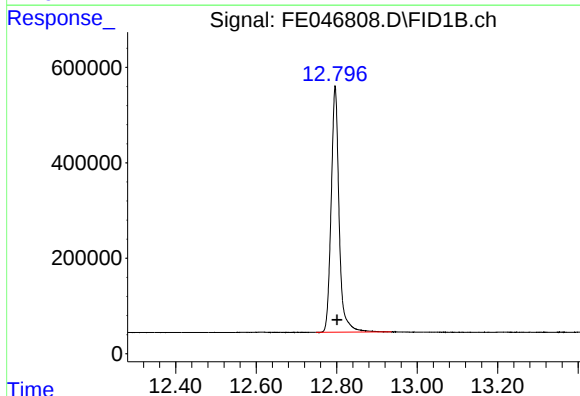
#5 N-HEXADECANE

R.T.: 10.043 min
Delta R.T.: -0.008 min
Response: 7086110
Conc: 53.73 ug/ml



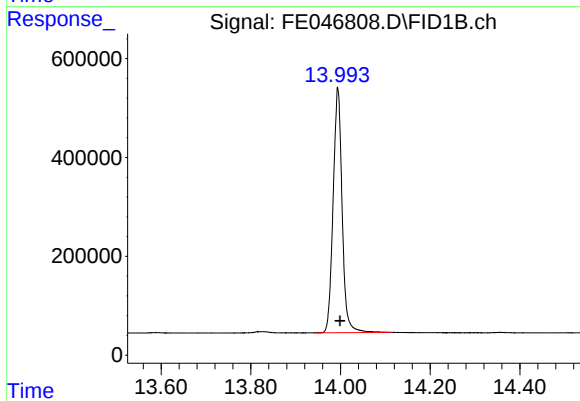
#6 N-OCTADECANE

R.T.: 11.485 min
Delta R.T.: -0.007 min
Response: 7278595
Conc: 51.44 ug/ml



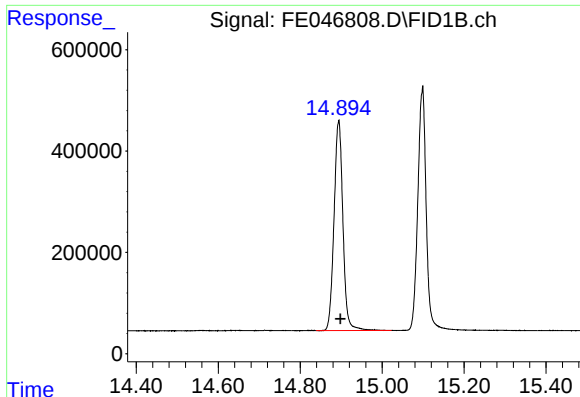
#7 N-EICOSANE

R.T.: 12.796 min
Delta R.T.: -0.005 min
Response: 7078522
Conc: 51.04 ug/ml



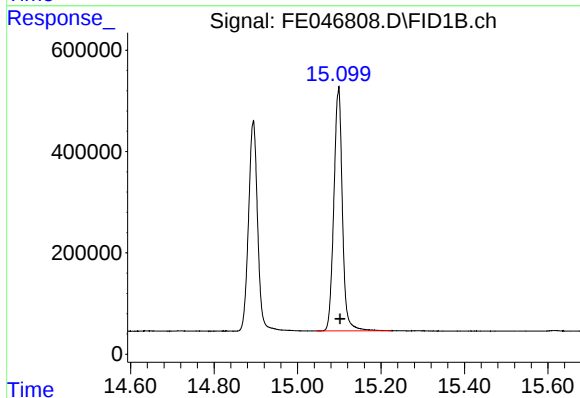
#8 N-DOCOSANE

R.T.: 13.994 min
Delta R.T.: -0.005 min
Response: 6902214
Conc: 50.79 ug/ml



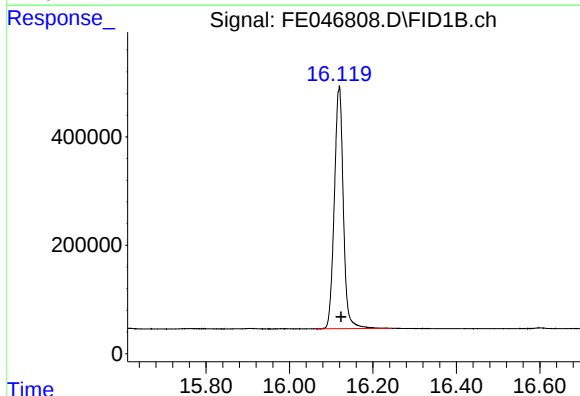
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.894 min
Delta R.T.: -0.004 min
Response: 6248355
Conc: 50.79 ug/ml



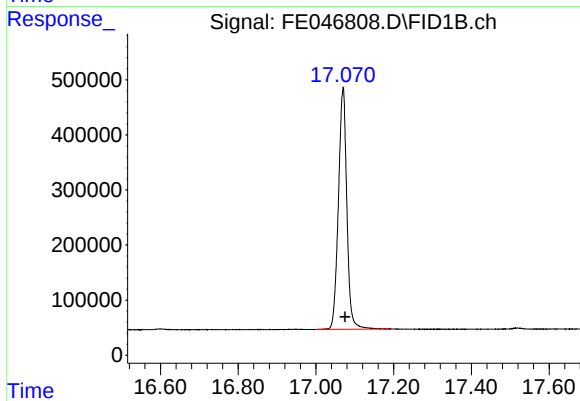
#10 N-TETRACOSANE

R.T.: 15.099 min
Delta R.T.: -0.004 min
Response: 6818672
Conc: 50.70 ug/ml



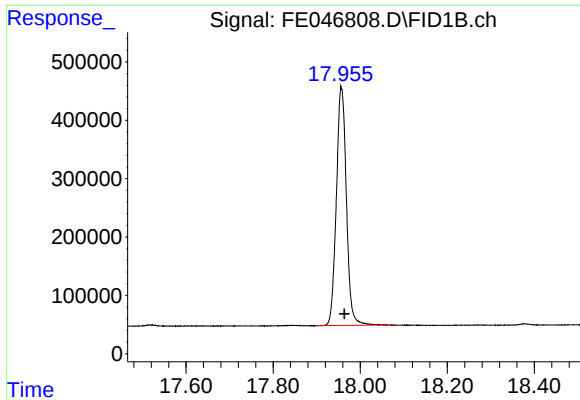
#11 N-HEXACOSANE

R.T.: 16.119 min
Delta R.T.: -0.005 min
Response: 6682747
Conc: 50.69 ug/ml



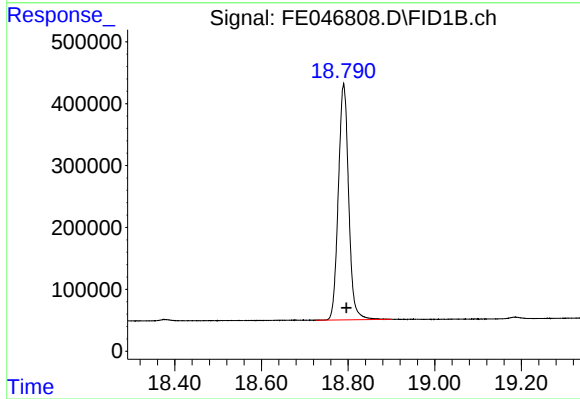
#12 N-OCTACOSANE

R.T.: 17.070 min
Delta R.T.: -0.005 min
Response: 6617641
Conc: 50.70 ug/ml



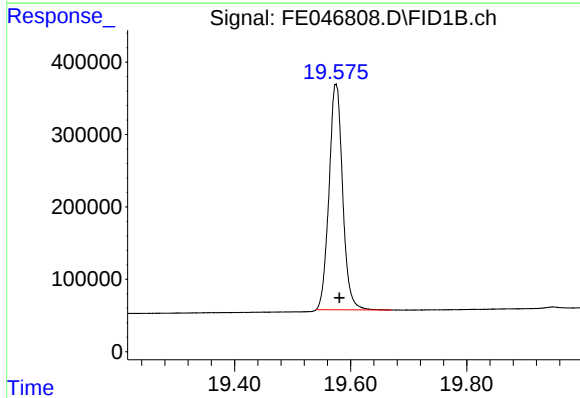
#13 N-TRIACONTANE

R.T.: 17.957 min
Delta R.T.: -0.007 min
Response: 6553736
Conc: 50.50 ug/ml



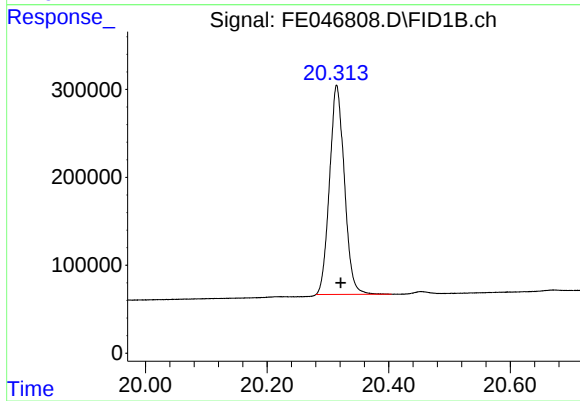
#14 N-DOTRIACONTANE

R.T.: 18.790 min
Delta R.T.: -0.007 min
Response: 6286812
Conc: 50.21 ug/ml



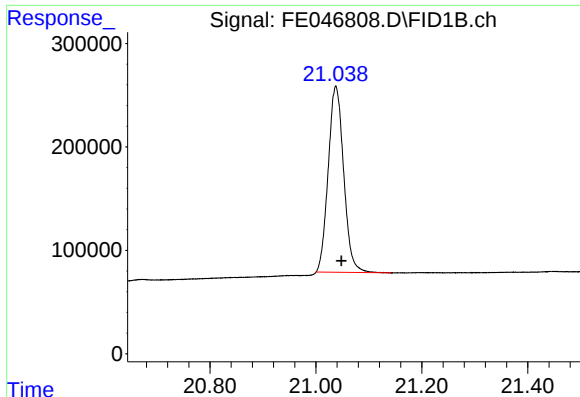
#15 N-TETRATRIACONTANE

R.T.: 19.575 min
Delta R.T.: -0.006 min
Response: 5086756
Conc: 49.42 ug/ml



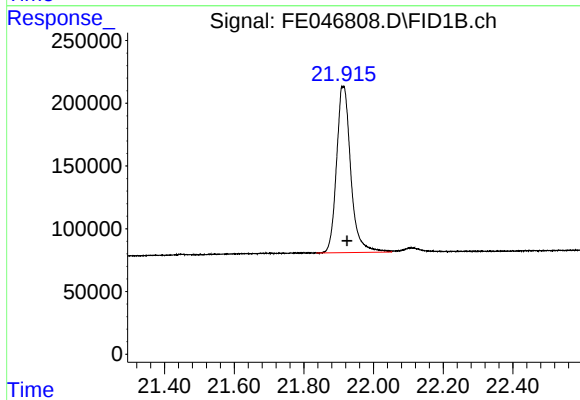
#16 N-HEXATRIACONTANE

R.T.: 20.314 min
Delta R.T.: -0.007 min
Response: 4041949
Conc: 49.53 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.038 min
Delta R.T.: -0.011 min
Response: 3648948
Conc: 47.51 ug/ml



#18 N-TETRACONTANE

R.T.: 21.913 min
Delta R.T.: -0.011 min
Response: 3756274
Conc: 48.61 ug/ml