

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051124\
 Data File : FE048114.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2024 07:54
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 13 03:05:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050924.M
 Quant Title :
 QLast Update : Fri May 10 23:54:11 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...	15.046	5857054	50.806 ug/ml
Target Compounds			
1) N-OCTANE	2.071	7251909	51.369 ug/ml
2) N-DECANE	4.593	7137446	51.390 ug/ml
3) N-DODECANE	6.761	6960542	50.698 ug/ml
4) N-TETRADECANE	8.590	6753900	49.657 ug/ml
5) N-HEXADECANE	10.198	6838297	50.967 ug/ml
6) N-OCTADECANE	11.641	6854458	50.772 ug/ml
7) N-EICOSANE	12.950	6897755	50.488 ug/ml
8) N-DOCOSANE	14.148	6657527	50.565 ug/ml
10) N-TETRACOSANE	15.251	6616200	50.535 ug/ml
11) N-HEXACOSANE	16.270	6636497	51.005 ug/ml
12) N-OCTACOSANE	17.218	6644091	51.425 ug/ml
13) N-TRIACONTANE	18.107	6805778	51.192 ug/ml
14) N-DOTRIACONTANE	18.939	6897395	47.962 ug/ml
15) N-TETRATRIACONTANE	19.721	7440780	55.132 ug/ml
16) N-HEXATRIACONTANE	20.461	6497433	48.945 ug/ml
17) N-OCTATRIACONTANE	21.200	6397583	51.795 ug/ml
18) N-TETRACONTANE	22.122	6166959	48.890 ug/ml

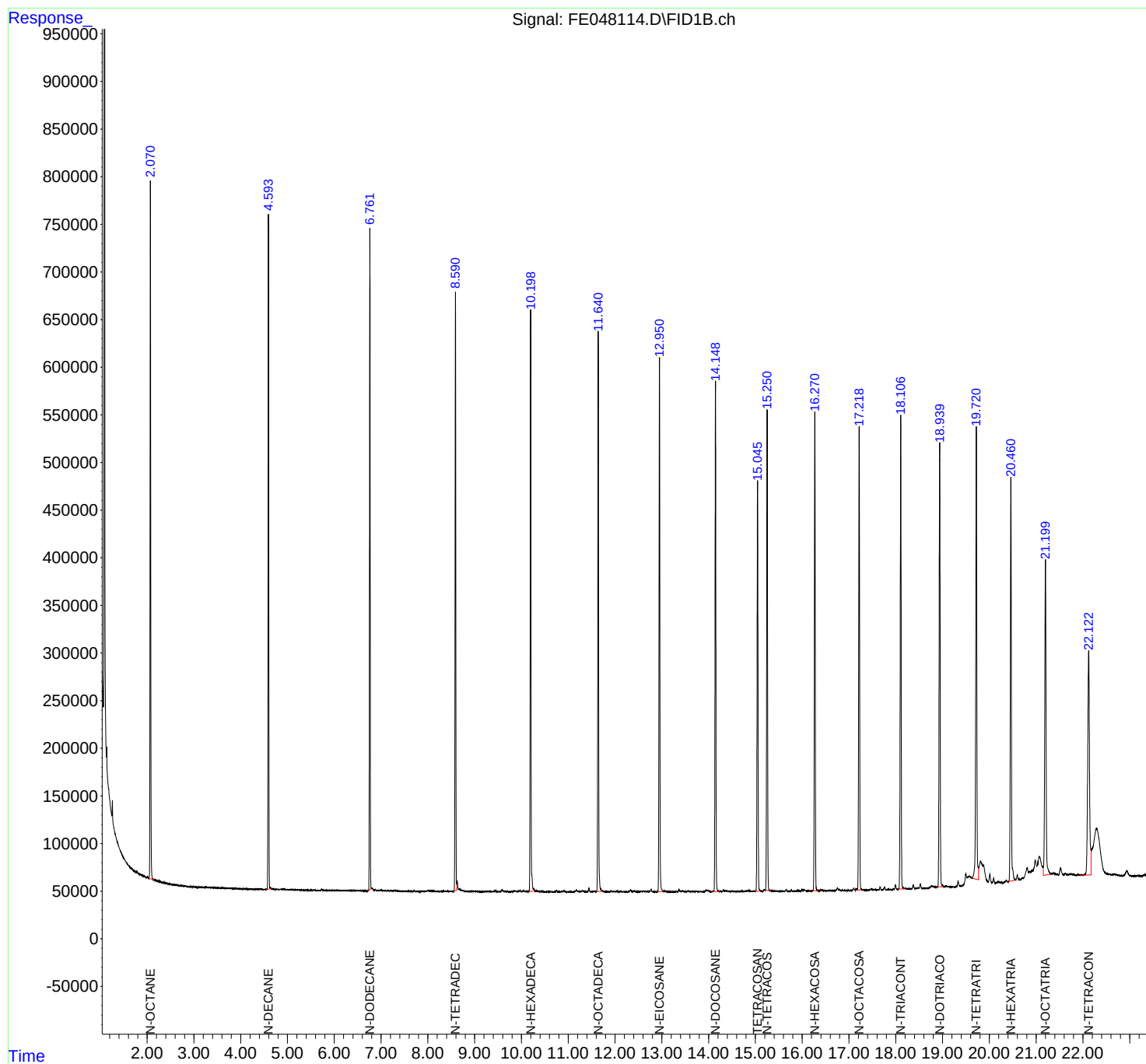
(f)=RT Delta > 1/2 Window

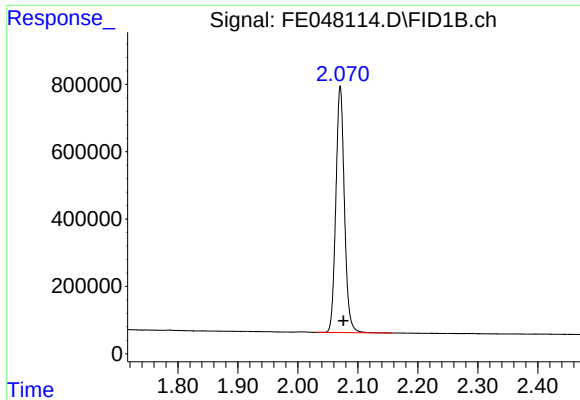
(m)=manual int.

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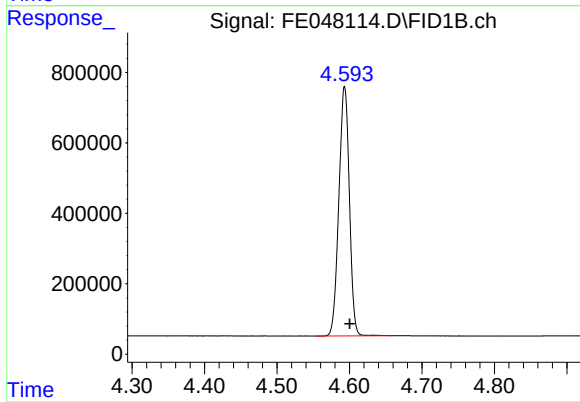
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





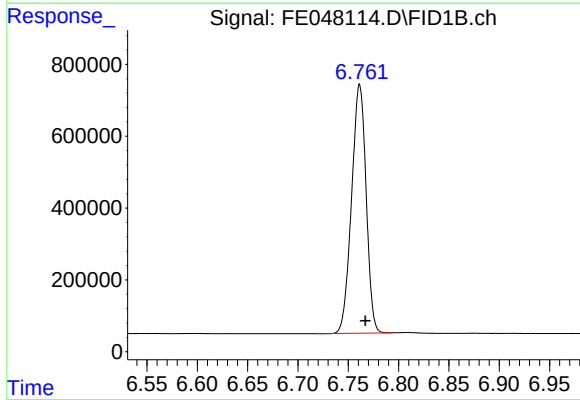
#1 N-OCTANE

R.T.: 2.071 min
Delta R.T.: -0.005 min
Response: 7251909
Conc: 51.37 ug/ml



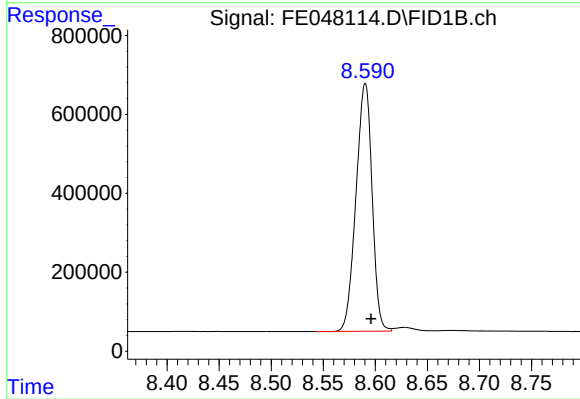
#2 N-DECANE

R.T.: 4.593 min
Delta R.T.: -0.007 min
Response: 7137446
Conc: 51.39 ug/ml



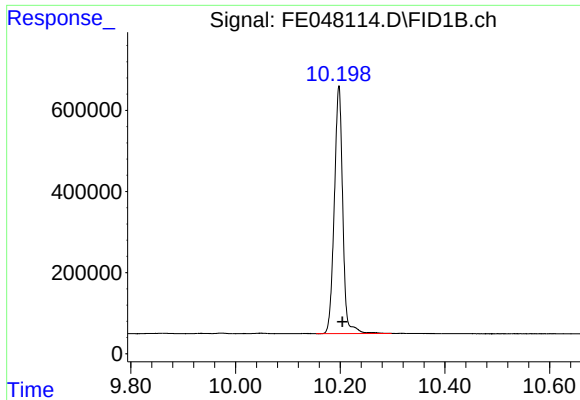
#3 N-DODECANE

R.T.: 6.761 min
Delta R.T.: -0.006 min
Response: 6960542
Conc: 50.70 ug/ml



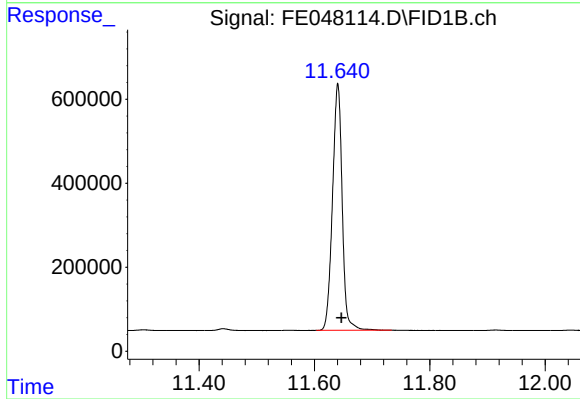
#4 N-TETRADECANE

R.T.: 8.590 min
Delta R.T.: -0.006 min
Response: 6753900
Conc: 49.66 ug/ml



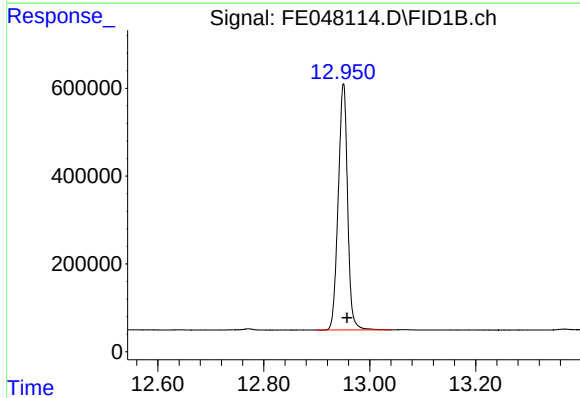
#5 N-HEXADECANE

R.T.: 10.198 min
Delta R.T.: -0.007 min
Response: 6838297
Conc: 50.97 ug/ml



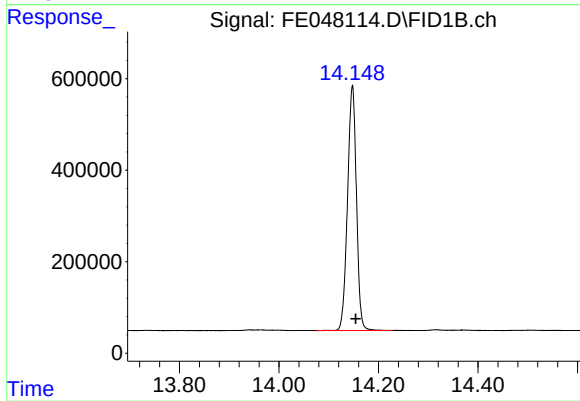
#6 N-OCTADECANE

R.T.: 11.641 min
Delta R.T.: -0.006 min
Response: 6854458
Conc: 50.77 ug/ml



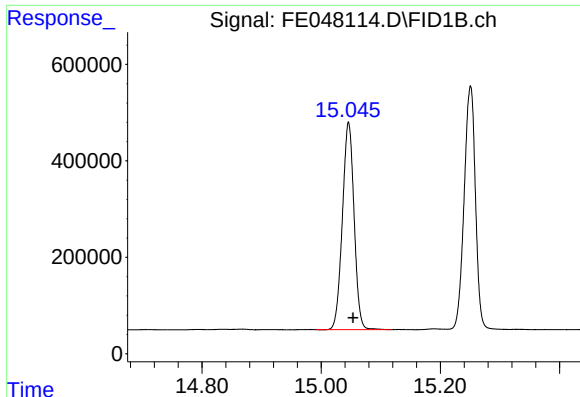
#7 N-EICOSANE

R.T.: 12.950 min
Delta R.T.: -0.007 min
Response: 6897755
Conc: 50.49 ug/ml



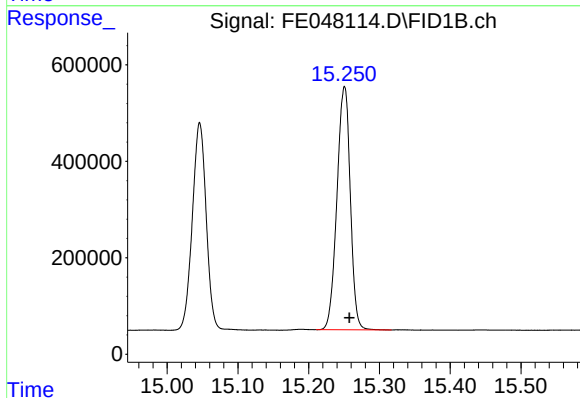
#8 N-DOCOSANE

R.T.: 14.148 min
Delta R.T.: -0.007 min
Response: 6657527
Conc: 50.57 ug/ml



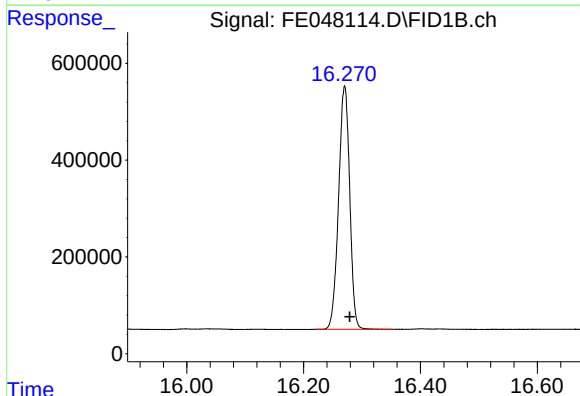
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.046 min
Delta R.T.: -0.007 min
Response: 5857054
Conc: 50.81 ug/ml



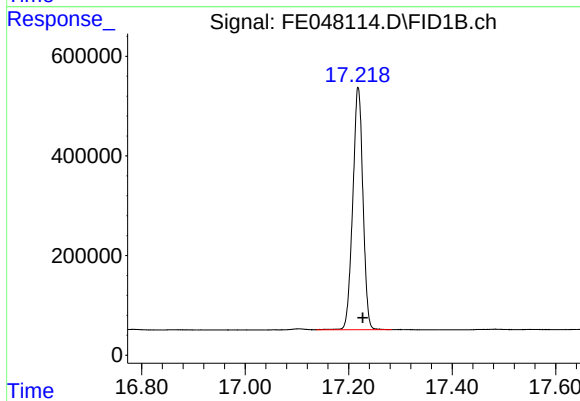
#10 N-TETRACOSANE

R.T.: 15.251 min
Delta R.T.: -0.007 min
Response: 6616200
Conc: 50.53 ug/ml



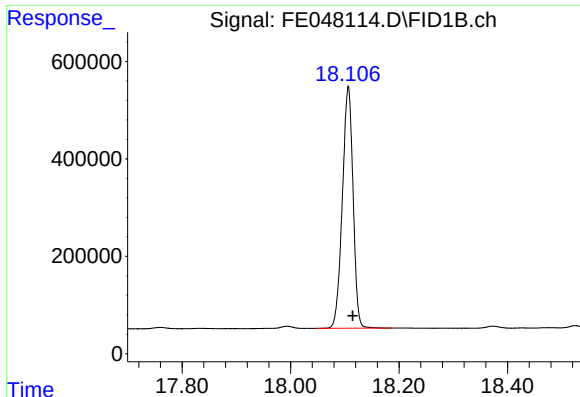
#11 N-HEXACOSANE

R.T.: 16.270 min
Delta R.T.: -0.009 min
Response: 6636497
Conc: 51.00 ug/ml



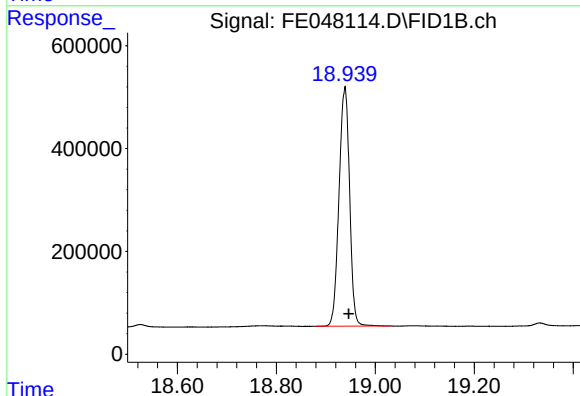
#12 N-OCTACOSANE

R.T.: 17.218 min
Delta R.T.: -0.009 min
Response: 6644091
Conc: 51.43 ug/ml



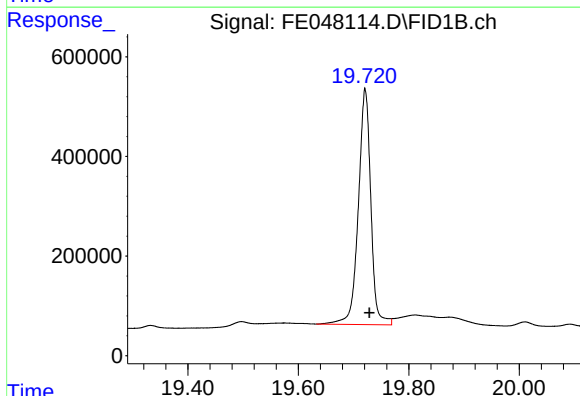
#13 N-TRIACONTANE

R.T.: 18.107 min
Delta R.T.: -0.008 min
Response: 6805778
Conc: 51.19 ug/ml



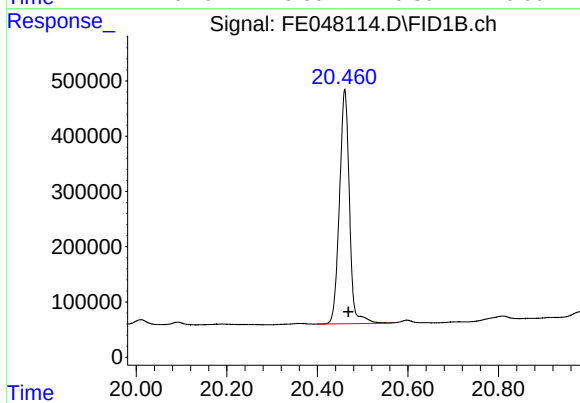
#14 N-DOTRIACONTANE

R.T.: 18.939 min
Delta R.T.: -0.007 min
Response: 6897395
Conc: 47.96 ug/ml



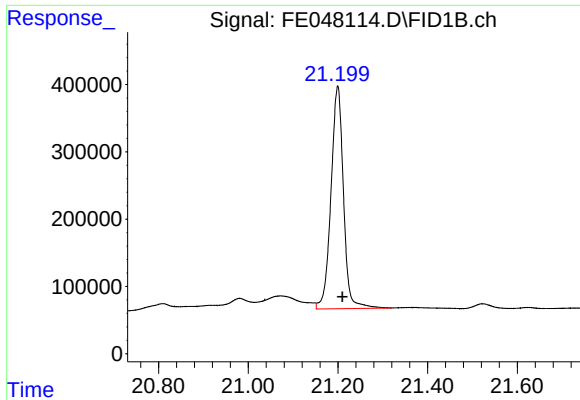
#15 N-TETRATRIACONTANE

R.T.: 19.721 min
Delta R.T.: -0.008 min
Response: 7440780
Conc: 55.13 ug/ml



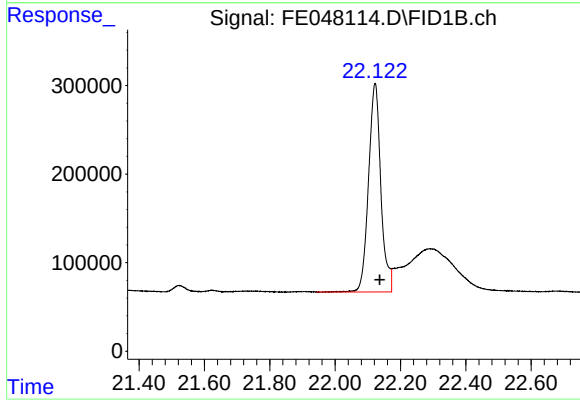
#16 N-HEXATRIACONTANE

R.T.: 20.461 min
Delta R.T.: -0.008 min
Response: 6497433
Conc: 48.94 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.200 min
Delta R.T.: -0.010 min
Response: 6397583
Conc: 51.80 ug/ml



#18 N-TETRACONTANE

R.T.: 22.122 min
Delta R.T.: -0.014 min
Response: 6166959
Conc: 48.89 ug/ml