

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051124\
 Data File : FE048134.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2024 21:01
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 14 01:48:15 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...	15.045	6035954	52.358 ug/ml
Target Compounds			
1) N-OCTANE	2.072	7238493	51.274 ug/ml
2) N-DECANE	4.595	7177438	51.678 ug/ml
3) N-DODECANE	6.762	7055432	51.389 ug/ml
4) N-TETRADECANE	8.590	6906110	50.776 ug/ml
5) N-HEXADECANE	10.198	6947215	51.779 ug/ml
6) N-OCTADECANE	11.640	7124121	52.769 ug/ml
7) N-EICOSANE	12.950	7140483	52.264 ug/ml
8) N-DOCOSANE	14.147	6889750	52.329 ug/ml
10) N-TETRACOSANE	15.250	6877084	52.528 ug/ml
11) N-HEXACOSANE	16.269	6864120	52.754 ug/ml
12) N-OCTACOSANE	17.217	6858794	53.087 ug/ml
13) N-TRIACONTANE	18.103	6996632	52.628 ug/ml
14) N-DOTRIACONTANE	18.936	6958792	48.389 ug/ml
15) N-TETRATRIACONTANE	19.719	6763638	50.115 ug/ml
16) N-HEXATRIACONTANE	20.458	6435022	48.475 ug/ml
17) N-OCTATRIACONTANE	21.197	6121640	49.561 ug/ml
18) N-TETRACONTANE	22.119	5768825	45.733 ug/ml

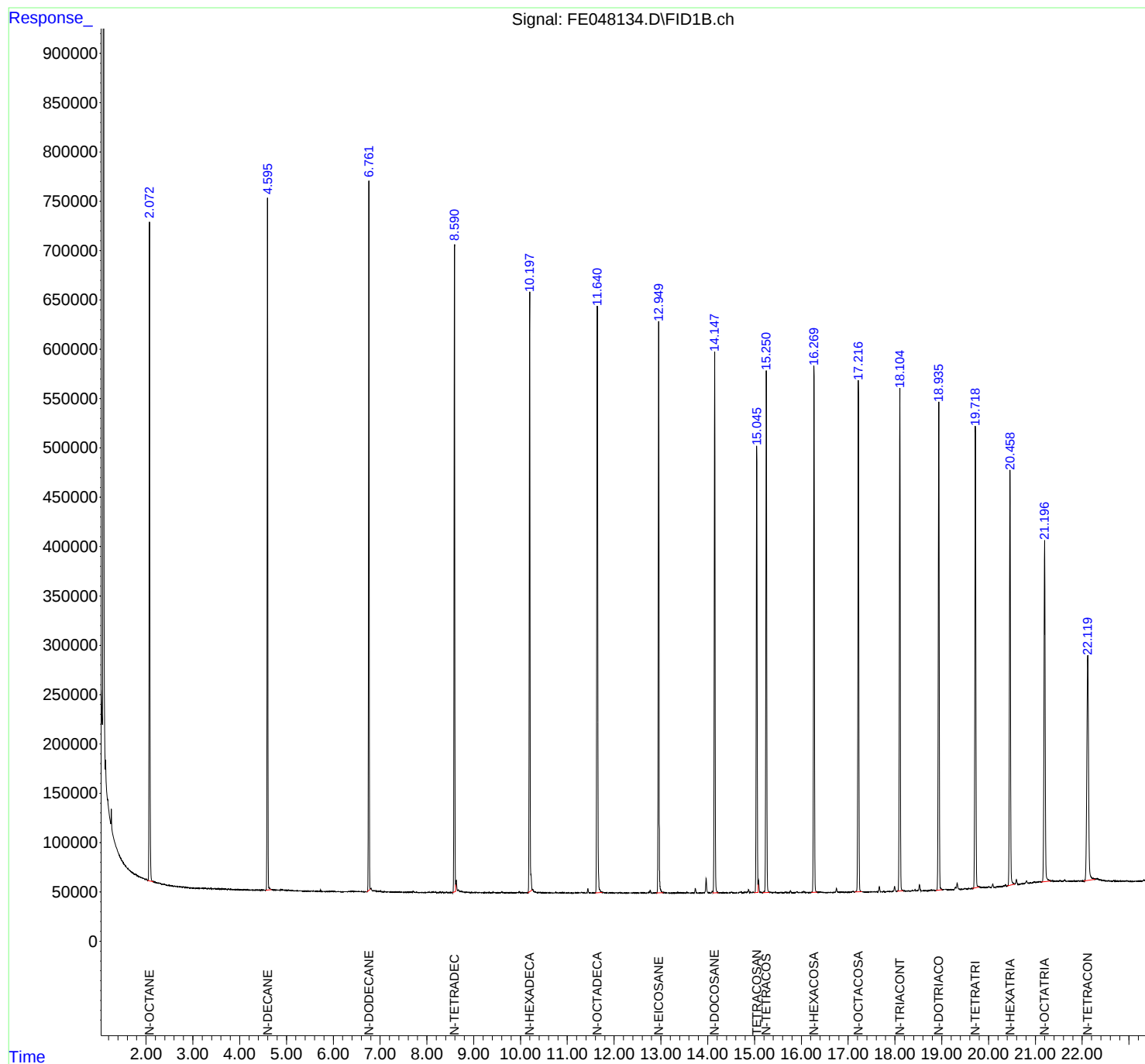
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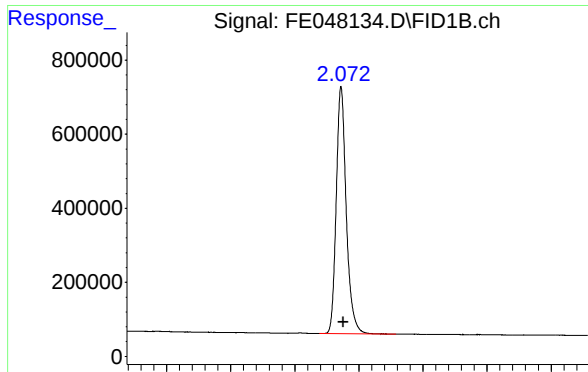
(m)=manual int.

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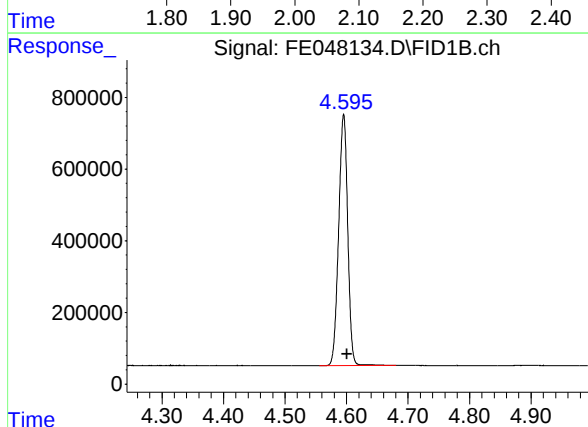
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





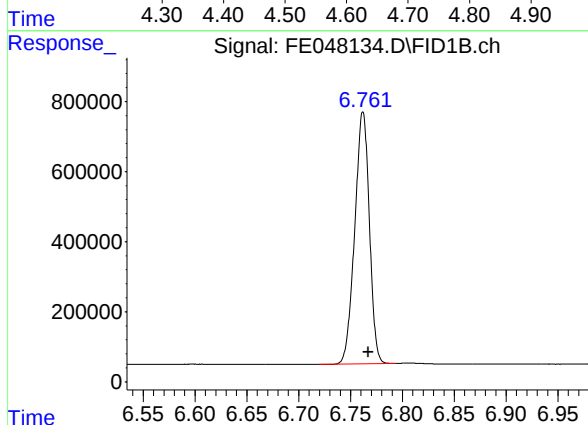
#1 N-OCTANE

R.T.: 2.072 min
Delta R.T.: -0.004 min
Response: 7238493
Conc: 51.27 ug/ml



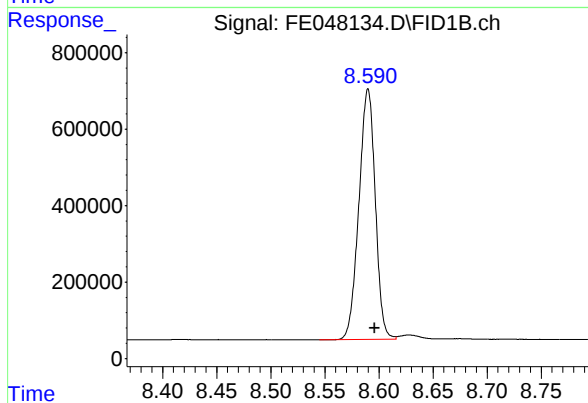
#2 N-DECANE

R.T.: 4.595 min
Delta R.T.: -0.005 min
Response: 7177438
Conc: 51.68 ug/ml



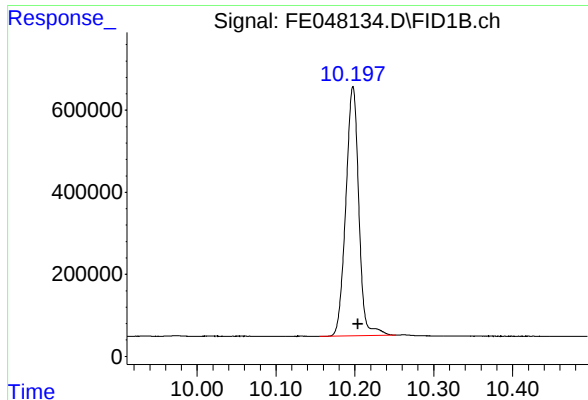
#3 N-DODECANE

R.T.: 6.762 min
Delta R.T.: -0.005 min
Response: 7055432
Conc: 51.39 ug/ml



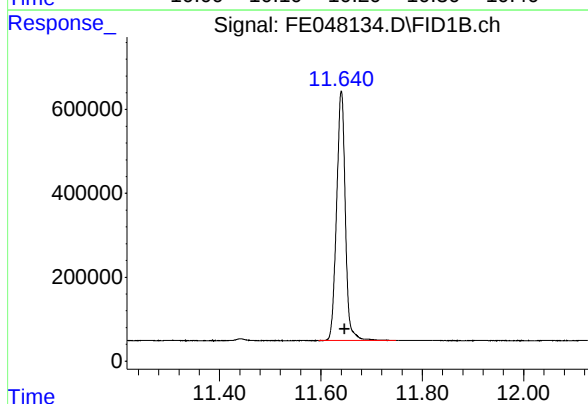
#4 N-TETRADECANE

R.T.: 8.590 min
Delta R.T.: -0.006 min
Response: 6906110
Conc: 50.78 ug/ml



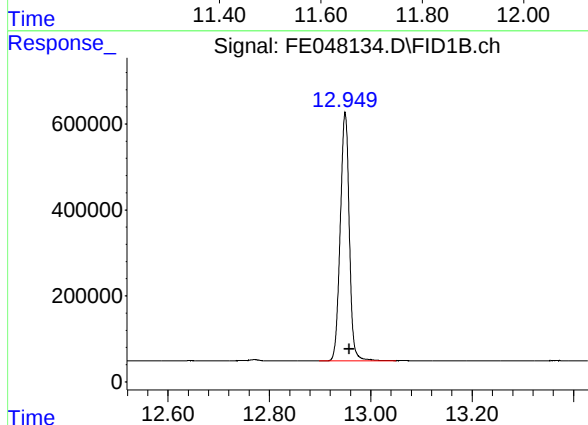
#5 N-HEXADECANE

R.T.: 10.198 min
Delta R.T.: -0.007 min
Response: 6947215
Conc: 51.78 ug/ml



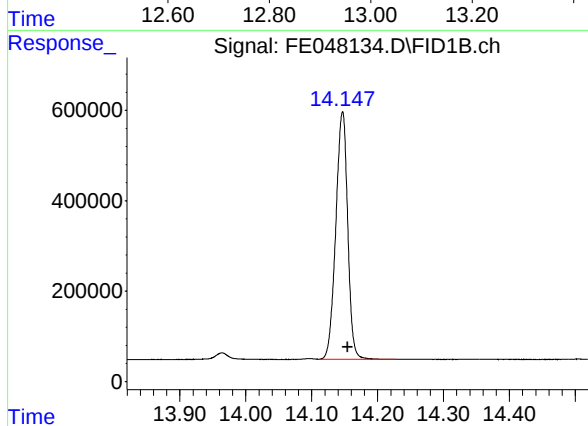
#6 N-OCTADECANE

R.T.: 11.640 min
Delta R.T.: -0.006 min
Response: 7124121
Conc: 52.77 ug/ml



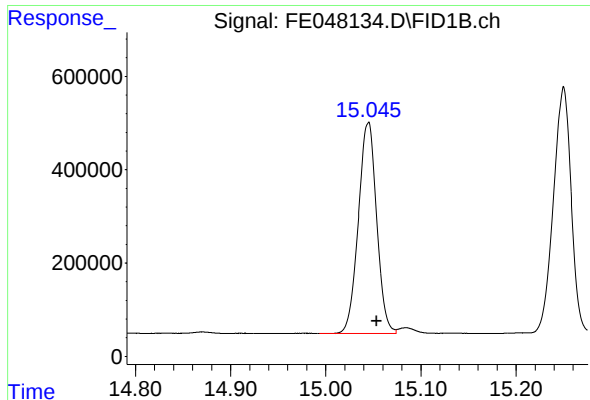
#7 N-EICOSANE

R.T.: 12.950 min
Delta R.T.: -0.008 min
Response: 7140483
Conc: 52.26 ug/ml



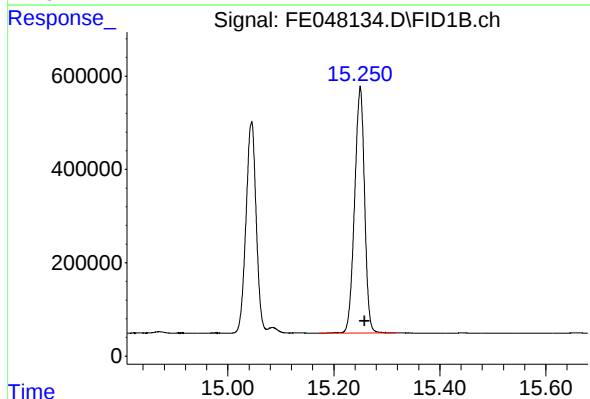
#8 N-DOCOSANE

R.T.: 14.147 min
Delta R.T.: -0.008 min
Response: 6889750
Conc: 52.33 ug/ml



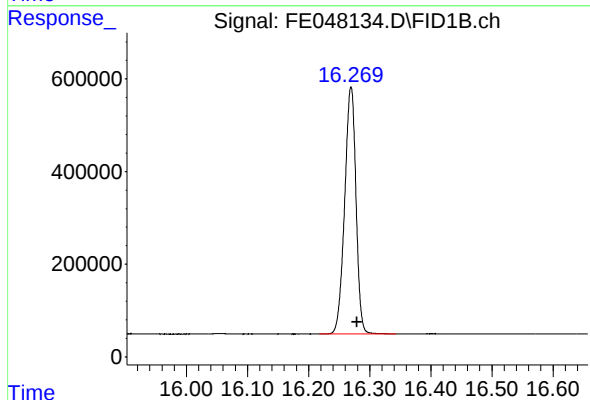
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.045 min
Delta R.T.: -0.009 min
Response: 6035954
Conc: 52.36 ug/ml



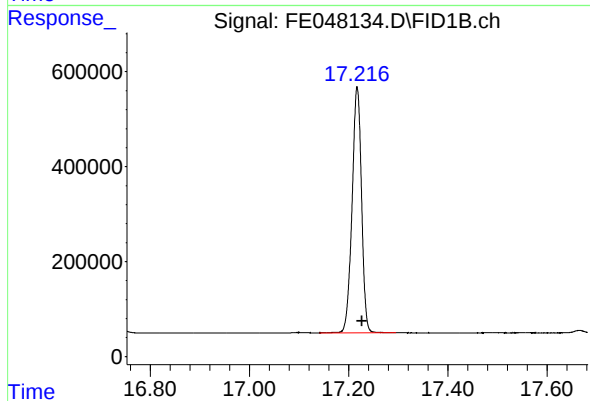
#10 N-TETRACOSANE

R.T.: 15.250 min
Delta R.T.: -0.008 min
Response: 6877084
Conc: 52.53 ug/ml



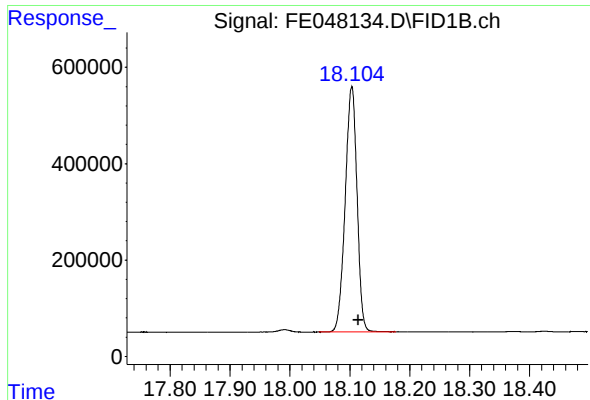
#11 N-HEXACOSANE

R.T.: 16.269 min
Delta R.T.: -0.009 min
Response: 6864120
Conc: 52.75 ug/ml



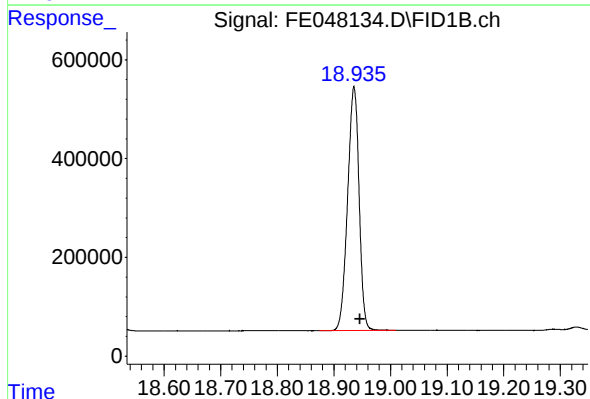
#12 N-OCTACOSANE

R.T.: 17.217 min
Delta R.T.: -0.010 min
Response: 6858794
Conc: 53.09 ug/ml



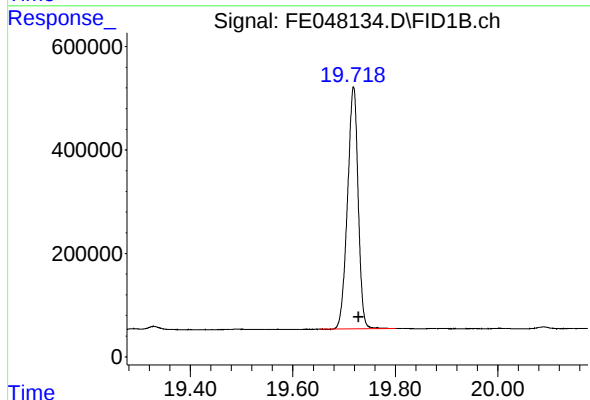
#13 N-TRIACONTANE

R.T.: 18.103 min
Delta R.T.: -0.011 min
Response: 6996632
Conc: 52.63 ug/ml



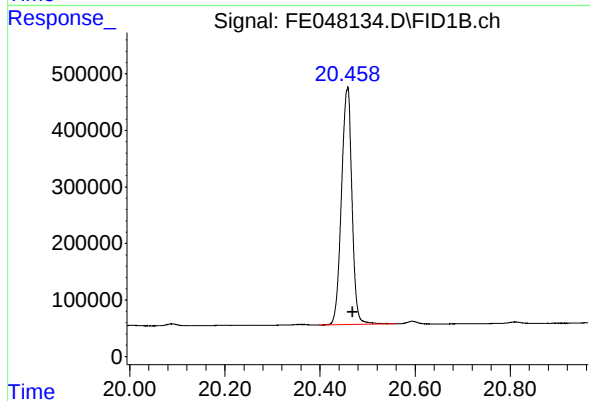
#14 N-DOTRIACONTANE

R.T.: 18.936 min
Delta R.T.: -0.011 min
Response: 6958792
Conc: 48.39 ug/ml



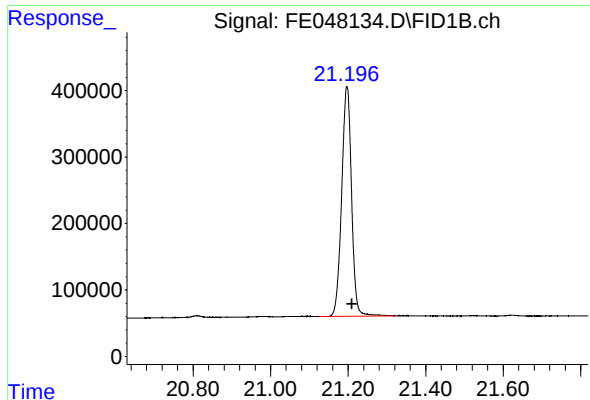
#15 N-TETRATRIACONTANE

R.T.: 19.719 min
Delta R.T.: -0.010 min
Response: 6763638
Conc: 50.11 ug/ml



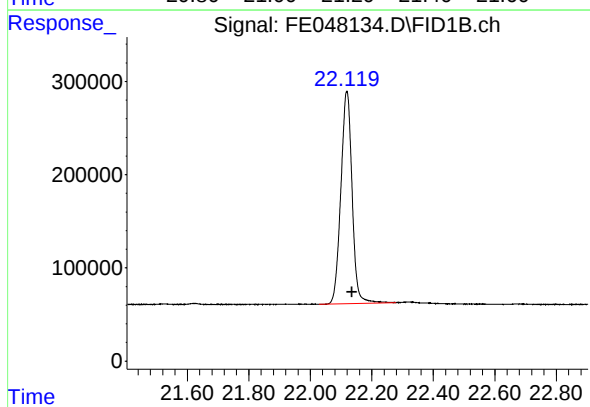
#16 N-HEXATRIACONTANE

R.T.: 20.458 min
Delta R.T.: -0.011 min
Response: 6435022
Conc: 48.47 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.197 min
Delta R.T.: -0.013 min
Response: 6121640
Conc: 49.56 ug/ml



#18 N-TETRACONTANE

R.T.: 22.119 min
Delta R.T.: -0.017 min
Response: 5768825
Conc: 45.73 ug/ml