

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010224\
 Data File : FE046056.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jan 2024 12:13
 Operator : YP\AJ
 Sample : 4400 TRPH STD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 4400 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024

Integration File: autoint1.e
 Quant Time: Jan 03 00:39:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE121423.M
 Quant Title :
 QLast Update : Thu Dec 14 11:27:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20m x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
13) S TETRACOSANE-d50 (SURR...	14.936	6834162	54.730 ug/ml
Target Compounds			
1) N-OCTANE	1.968	53893835	404.135 ug/ml
2) N-NONANE	3.231	56919264	421.313 ug/ml
3) N-DECANE	4.498	88755250	640.727 ug/ml
4) N-UNDECANE	5.638	89757747	642.782 ug/ml
5) N-DODECANE	6.670	89571684	643.033 ug/ml
6) N-TETRADECANE	8.498	89898870	644.863 ug/ml
7) N-HEXADECANE	10.104	73336140	533.742 ug/ml
8) N-OCTADECANE	11.536	36539219	271.120 ug/ml
9) N-EICOSANE	12.837	14207871	110.521 ug/ml
10) N-TETRACOSANE	15.144	13796673	112.271 ug/ml
11) N-OCTACOSANE	17.113	6788495	57.540 ug/ml
12) N-DOTRIACONTANE	18.839	6625734	55.835 ug/ml
14) N-HEXATRIACONTANE	20.369	6438775	56.517 ug/ml
15) N-TETRACONTANE	21.999	4589119	54.696 ug/mlm
16) N-TETRTETRACOOCTANE	24.745	1982250	47.984 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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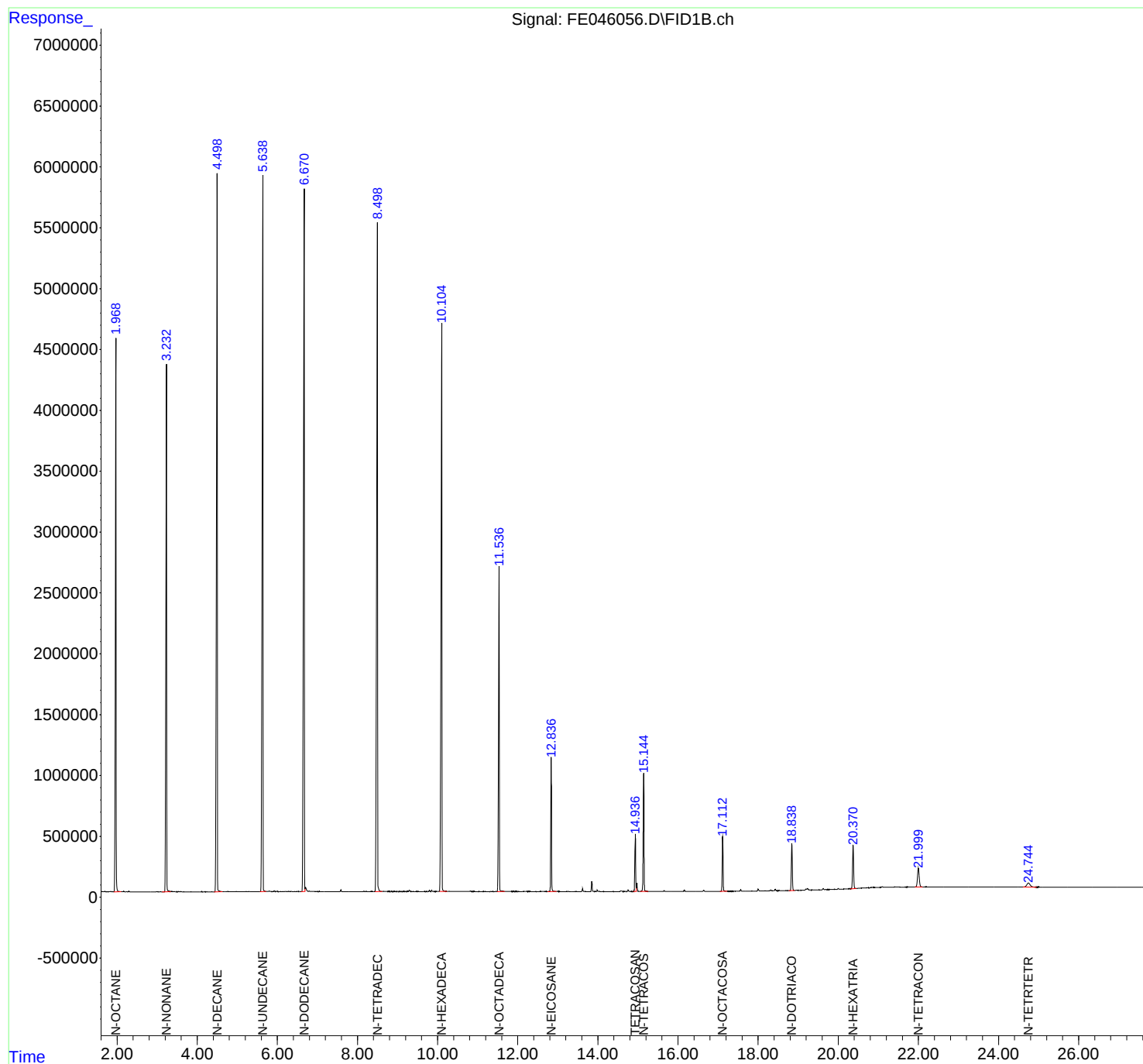
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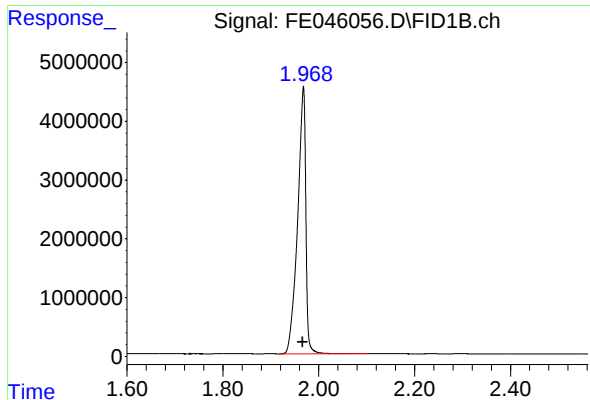
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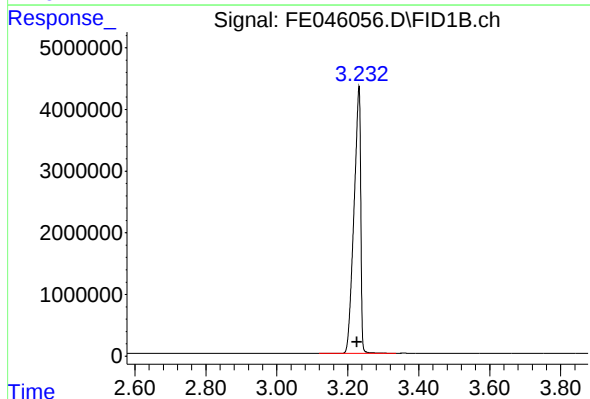
#1 N-OCTANE

R.T.: 1.968 min
Delta R.T.: 0.001 min
Response: 53893835
Conc: 404.13 ug/ml

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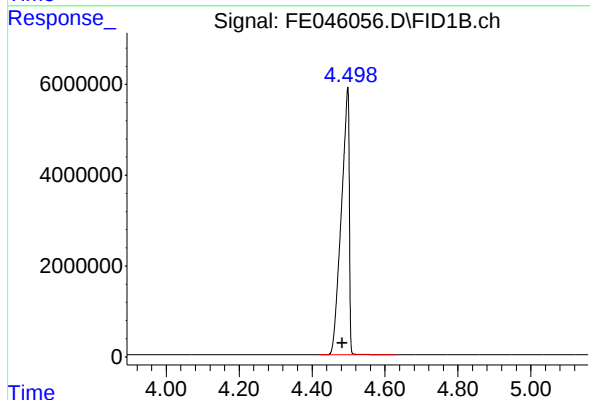
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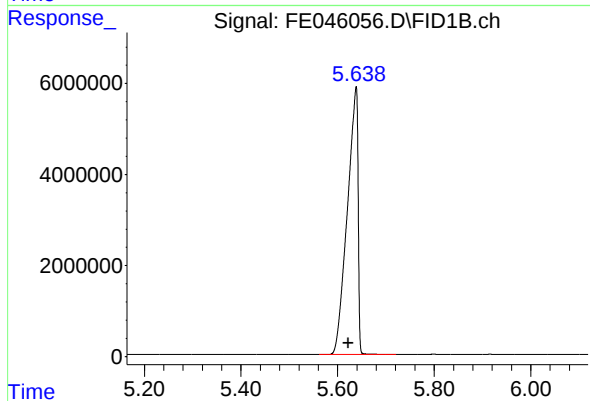
#2 N-NONANE

R.T.: 3.231 min
Delta R.T.: 0.005 min
Response: 56919264
Conc: 421.31 ug/ml



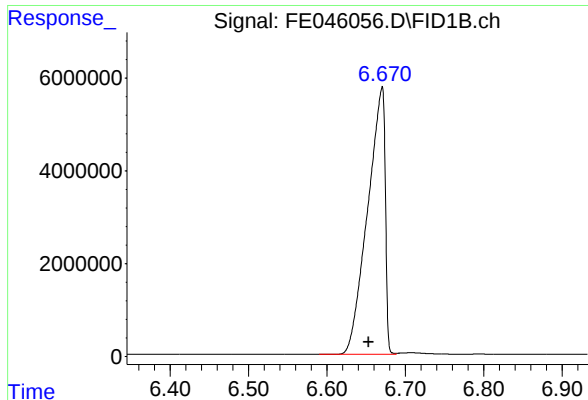
#3 N-DECANE

R.T.: 4.498 min
Delta R.T.: 0.014 min
Response: 88755250
Conc: 640.73 ug/ml



#4 N-UNDECANE

R.T.: 5.638 min
Delta R.T.: 0.016 min
Response: 89757747
Conc: 642.78 ug/ml



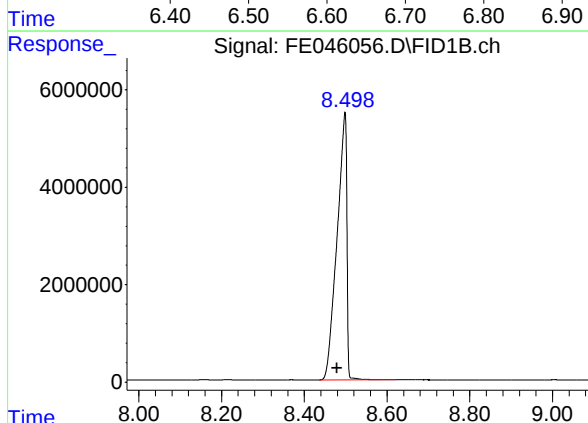
#5 N-DODECANE

R.T.: 6.670 min
Delta R.T.: 0.017 min
Response: 89571684
Conc: 643.03 ug/ml

Instrument :
FID_E
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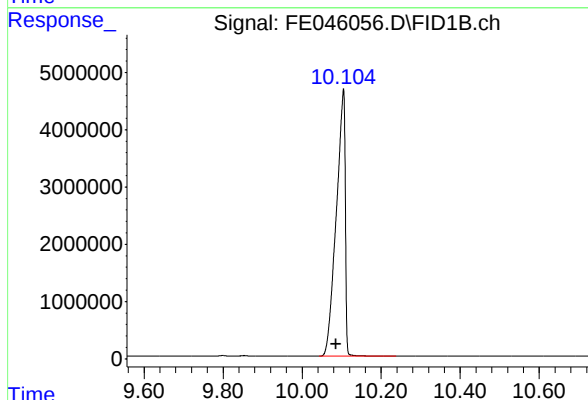
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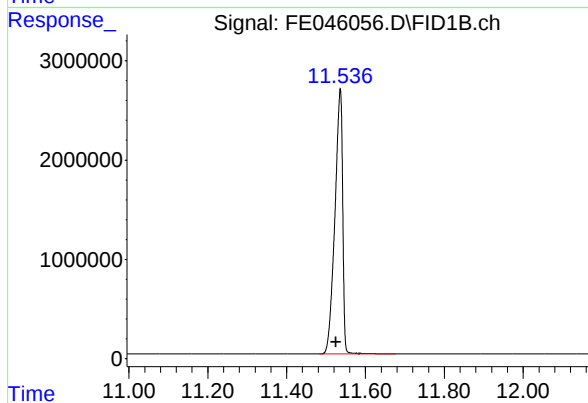
#6 N-TETRADECANE

R.T.: 8.498 min
Delta R.T.: 0.019 min
Response: 89898870
Conc: 644.86 ug/ml



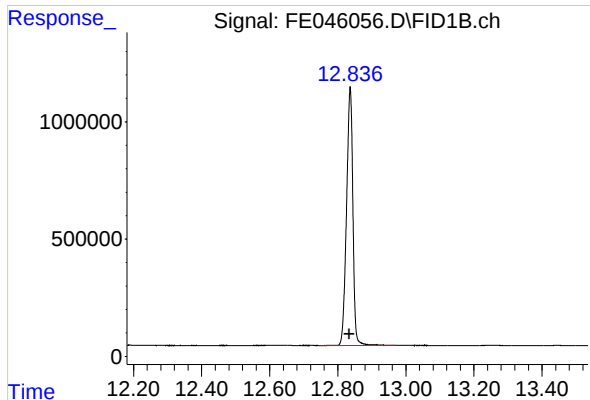
#7 N-HEXADECANE

R.T.: 10.104 min
Delta R.T.: 0.019 min
Response: 73336140
Conc: 533.74 ug/ml



#8 N-OCTADECANE

R.T.: 11.536 min
Delta R.T.: 0.011 min
Response: 36539219
Conc: 271.12 ug/ml



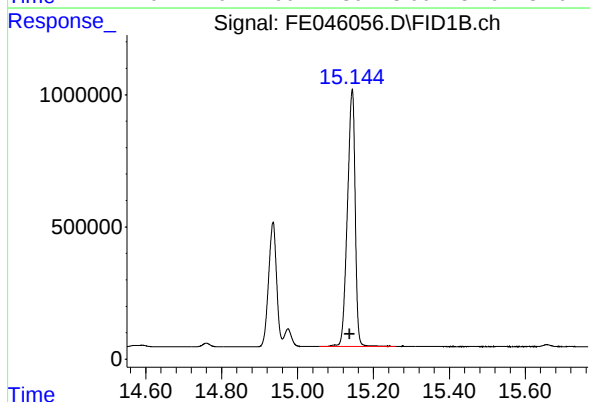
#9 N-EICOSANE

R.T.: 12.837 min
Delta R.T.: 0.002 min
Response: 14207871
Conc: 110.52 ug/ml

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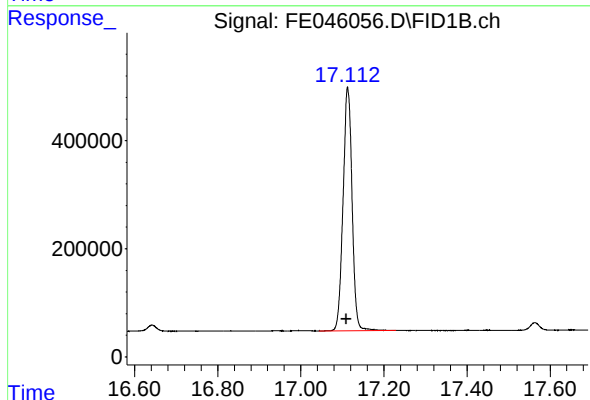
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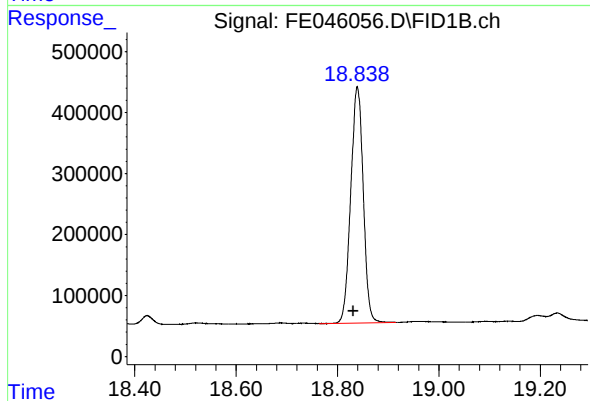
#10 N-TETRACOSANE

R.T.: 15.144 min
Delta R.T.: 0.008 min
Response: 13796673
Conc: 112.27 ug/ml



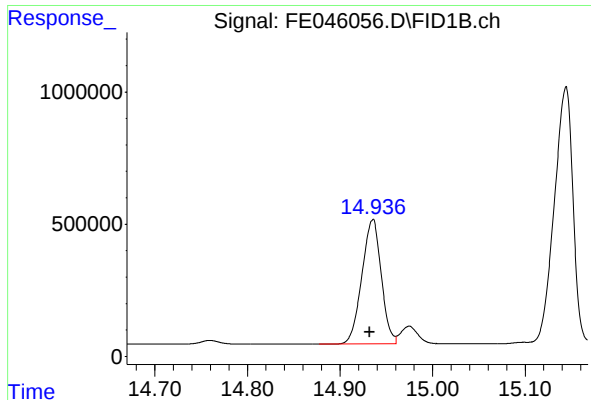
#11 N-OCTACOSANE

R.T.: 17.113 min
Delta R.T.: 0.003 min
Response: 6788495
Conc: 57.54 ug/ml



#12 N-DOTRIACONTANE

R.T.: 18.839 min
Delta R.T.: 0.008 min
Response: 6625734
Conc: 55.84 ug/ml



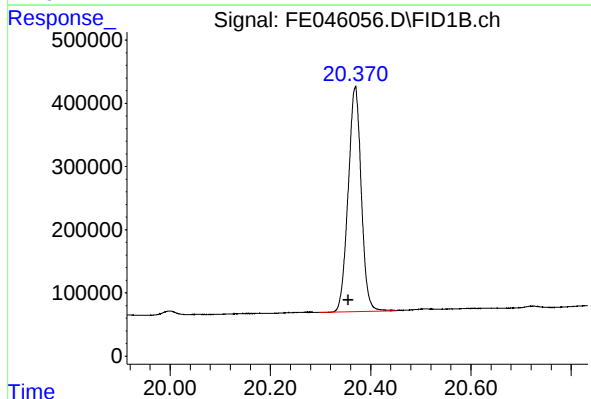
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.936 min
Delta R.T.: 0.004 min
Response: 6834162
Conc: 54.73 ug/ml

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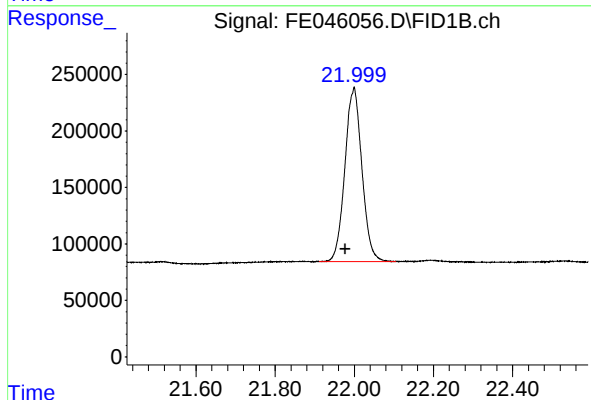
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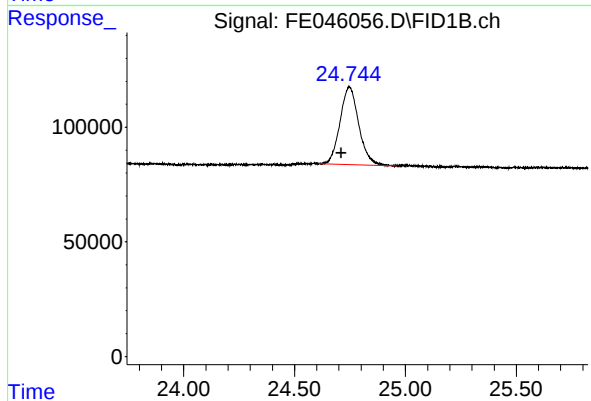
#14 N-HEXATRIACONTANE

R.T.: 20.369 min
Delta R.T.: 0.014 min
Response: 6438775
Conc: 56.52 ug/ml



#15 N-TETRACONTANE

R.T.: 21.999 min
Delta R.T.: 0.022 min
Response: 4589119
Conc: 54.70 ug/ml m



#16 N-TETRATETRACOCANE

R.T.: 24.745 min
Delta R.T.: 0.033 min
Response: 1982250
Conc: 47.98 ug/ml