

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011024\
 Data File : FF013909.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2024 08:05
 Operator : YP\AJ
 Sample : DIESEL FUEL #2
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 01:17:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF010224.M
 Quant Title :
 QLast Update : Wed Jan 03 03:19:15 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...	14.998	145306	1.201 ug/ml
Target Compounds			
1) N-OCTANE	1.940f	43637	0.381 ug/ml
2) N-DECANE	4.507	2164849	18.208 ug/ml
3) N-DODECANE	6.676	12302966	100.849 ug/ml
4) N-TETRADECANE	8.504	12126116	97.767 ug/ml
5) N-HEXADECANE	10.110	14350790	112.427 ug/ml
6) N-OCTADECANE	11.551	12141939	94.338 ug/ml
7) N-EICOSANE	12.859	6858031	52.994 ug/ml
8) N-DOCOSANE	14.054	1166079	9.229 ug/ml
10) N-TETRACOSANE	15.159	90840	0.712 ug/ml
12) N-OCTACOSANE	17.133	109056	0.870 ug/ml
13) N-TRIACONTANE	18.022	292625	2.343 ug/ml
14) N-DOTRIACONTANE	18.855	396669	3.090 ug/ml
15) N-TETRATRIACONTANE	19.639	228276	2.262 ug/ml
16) N-HEXATRIACONTANE	20.382	126939	1.570 ug/ml
17) N-OCTATRIACONTANE	21.111	63347	0.941 ug/ml
18) N-TETRACONTANE	22.046	369488	4.543 ug/ml

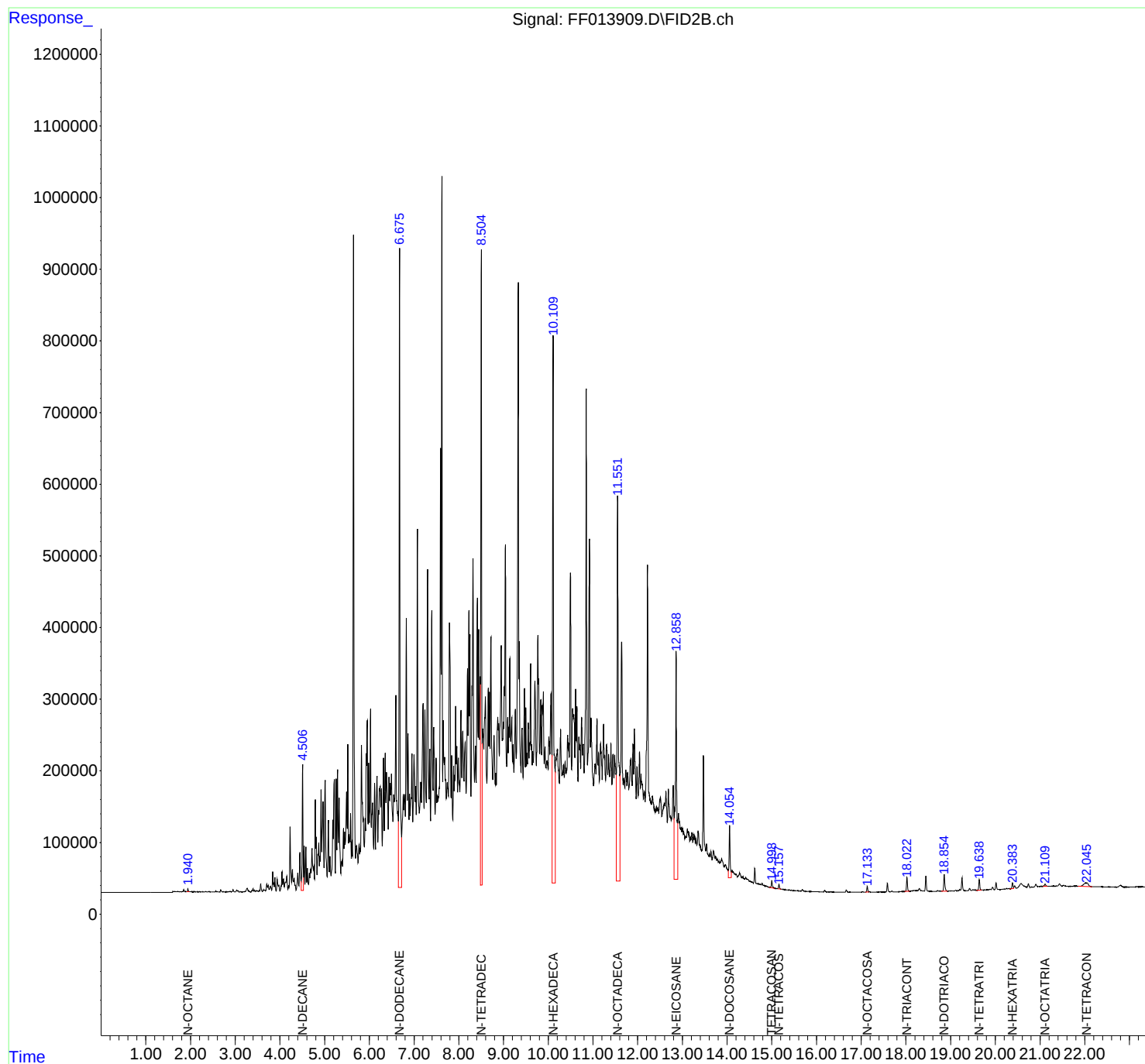
(f)=RT Delta > 1/2 Window

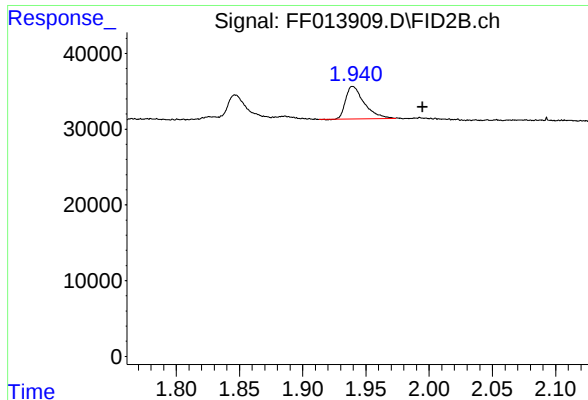
(m)=manual int.

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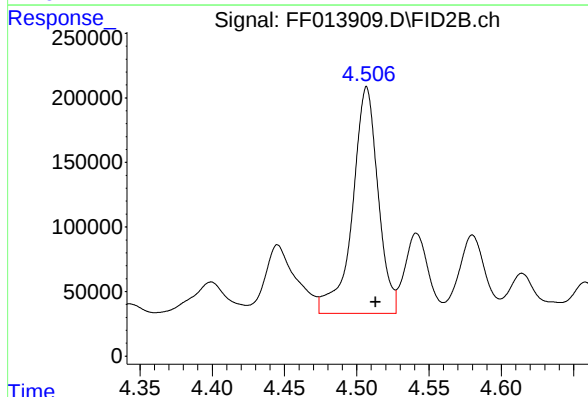
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





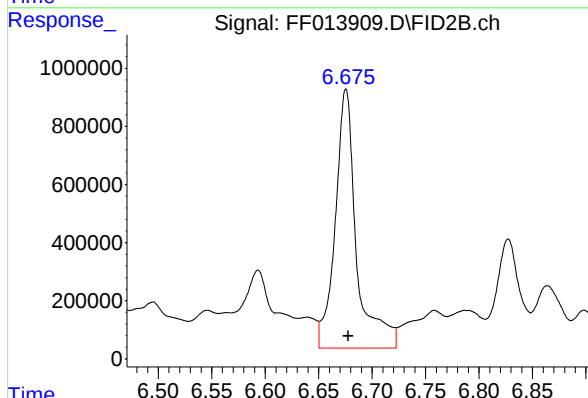
#1 N-OCTANE

R.T.: 1.940 min
Delta R.T.: -0.055 min
Response: 43637
Conc: 0.38 ug/ml



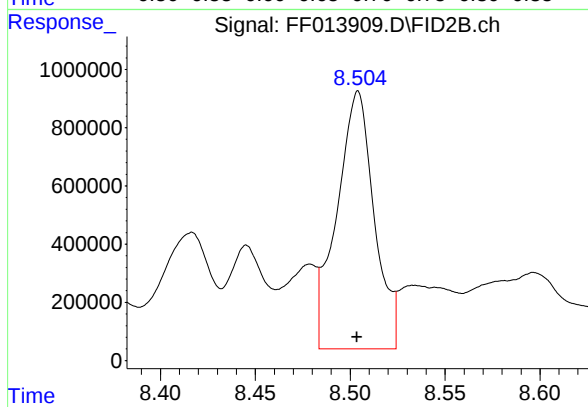
#2 N-DECANE

R.T.: 4.507 min
Delta R.T.: -0.006 min
Response: 2164849
Conc: 18.21 ug/ml



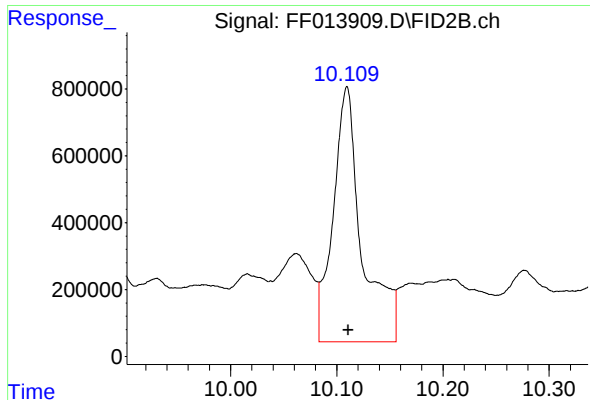
#3 N-DODECANE

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 12302966
Conc: 100.85 ug/ml



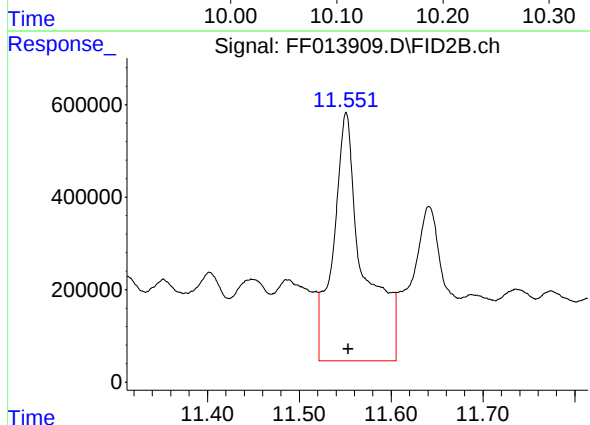
#4 N-TETRADECANE

R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 12126116
Conc: 97.77 ug/ml



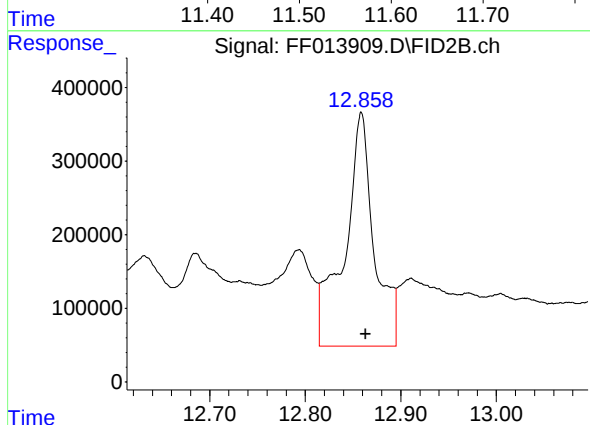
#5 N-HEXADECANE

R.T.: 10.110 min
Delta R.T.: -0.001 min
Response: 14350790
Conc: 112.43 ug/ml



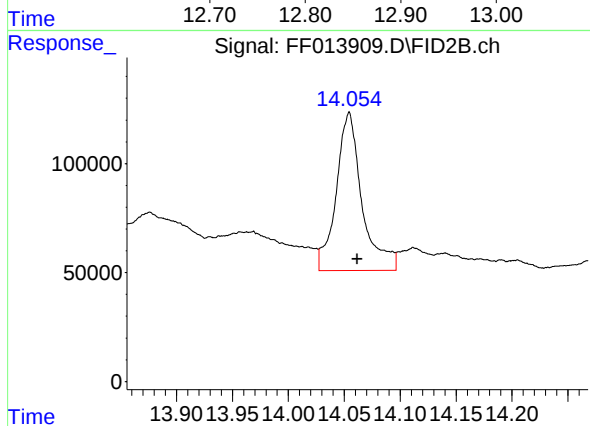
#6 N-OCTADECANE

R.T.: 11.551 min
Delta R.T.: -0.002 min
Response: 12141939
Conc: 94.34 ug/ml



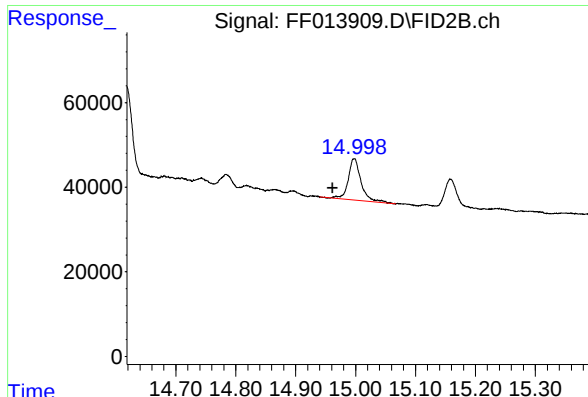
#7 N-EICOSANE

R.T.: 12.859 min
Delta R.T.: -0.004 min
Response: 6858031
Conc: 52.99 ug/ml



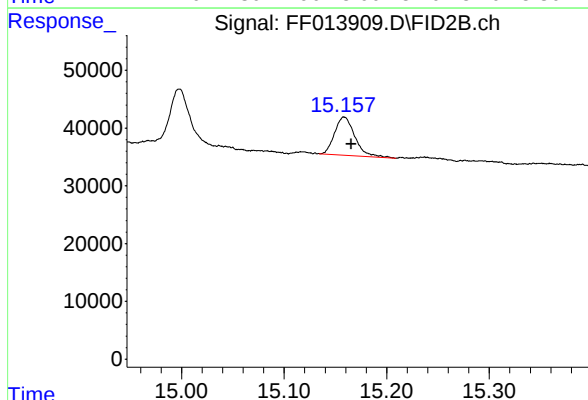
#8 N-DOCOSANE

R.T.: 14.054 min
Delta R.T.: -0.007 min
Response: 1166079
Conc: 9.23 ug/ml



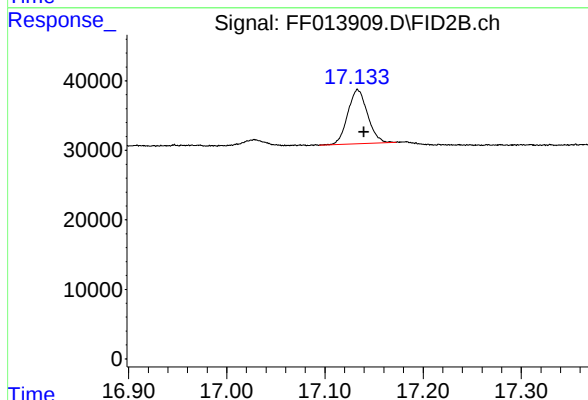
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.998 min
Delta R.T.: 0.036 min
Response: 145306
Conc: 1.20 ug/ml



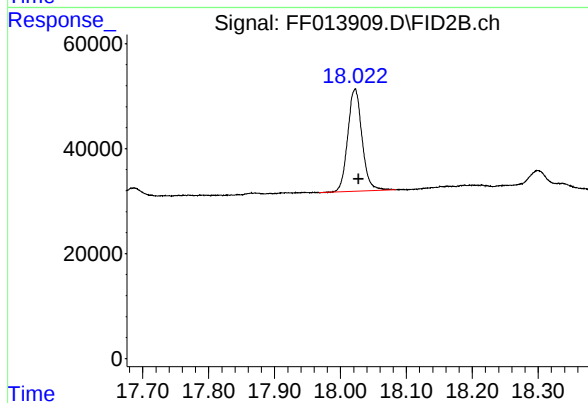
#10 N-TETRACOSANE

R.T.: 15.159 min
Delta R.T.: -0.007 min
Response: 90840
Conc: 0.71 ug/ml



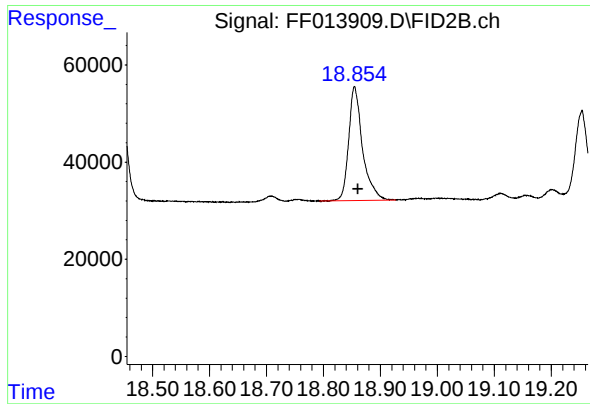
#12 N-OCTACOSANE

R.T.: 17.133 min
Delta R.T.: -0.006 min
Response: 109056
Conc: 0.87 ug/ml



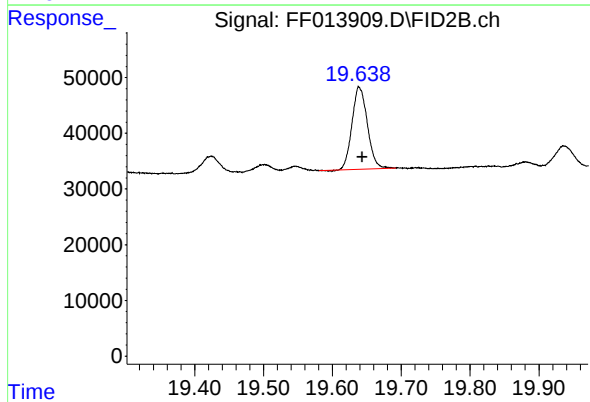
#13 N-TRIACONTANE

R.T.: 18.022 min
Delta R.T.: -0.005 min
Response: 292625
Conc: 2.34 ug/ml



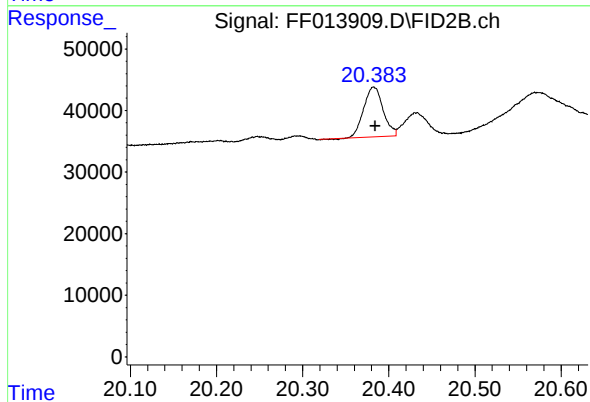
#14 N-DOTRIACONTANE

R.T.: 18.855 min
Delta R.T.: -0.006 min
Response: 396669
Conc: 3.09 ug/ml



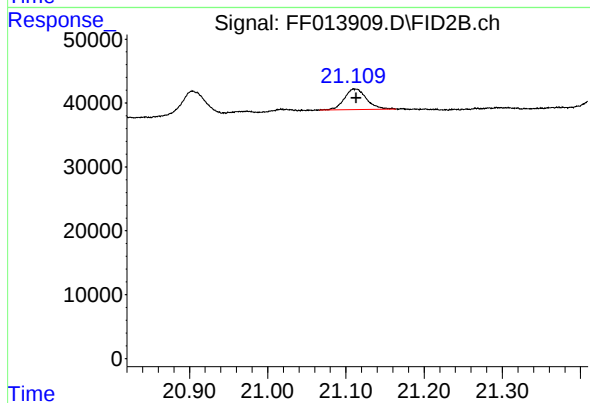
#15 N-TETRATRIACONTANE

R.T.: 19.639 min
Delta R.T.: -0.005 min
Response: 228276
Conc: 2.26 ug/ml



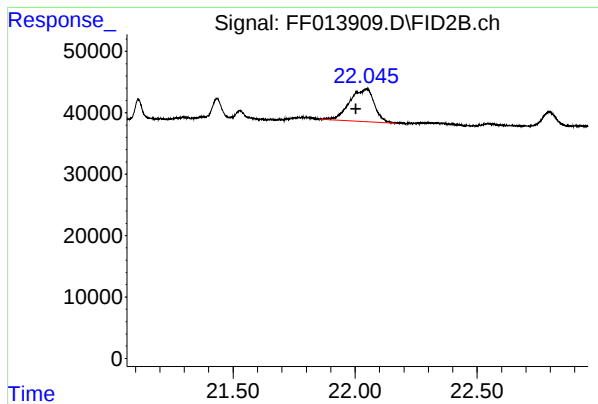
#16 N-HEXATRIACONTANE

R.T.: 20.382 min
Delta R.T.: -0.002 min
Response: 126939
Conc: 1.57 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.111 min
Delta R.T.: -0.002 min
Response: 63347
Conc: 0.94 ug/ml



#18 N-TETRACONTANE

R.T.: 22.046 min
Delta R.T.: 0.042 min
Response: 369488
Conc: 4.54 ug/ml