

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022725\
 Data File : FF015546.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2025 09:31
 Operator : YP\AJ
 Sample : DIESEL FUEL#2
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 03 00:41:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF021025.M
 Quant Title :
 QLast Update : Mon Feb 10 16:23:58 2025
 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...	15.069	155187	1.408 ug/ml
Target Compounds			
1) N-OCTANE	1.971f	46616	0.356 ug/ml
2) N-DECANE	4.565	2172222	17.419 ug/ml
3) N-DODECANE	6.738	12491233	96.333 ug/ml
4) N-TETRADECANE	8.568	15456094	124.717 ug/ml
5) N-HEXADECANE	10.174	14603052	119.033 ug/ml
6) N-OCTADECANE	11.617	9341742	72.670 ug/ml
7) N-EICOSANE	12.925	6895750	54.991 ug/ml
8) N-DOCOSANE	14.121	1230818	10.053 ug/ml
10) N-TETRACOSANE	15.228	102636	0.851 ug/ml
12) N-OCTACOSANE	17.203	143116	1.249 ug/ml
13) N-TRIACONTANE	18.090	411501	3.604 ug/ml
14) N-DOTRIACONTANE	18.922	581868	5.153 ug/ml
15) N-TETRATRIACONTANE	19.707	393182	3.737 ug/ml
16) N-HEXATRIACONTANE	20.450	215943	2.245 ug/ml
17) N-OCTATRIACONTANE	21.189	110203	1.175 ug/ml
18) N-TETRACONTANE	22.157	234165	2.515 ug/ml

(f)=RT Delta > 1/2 Window

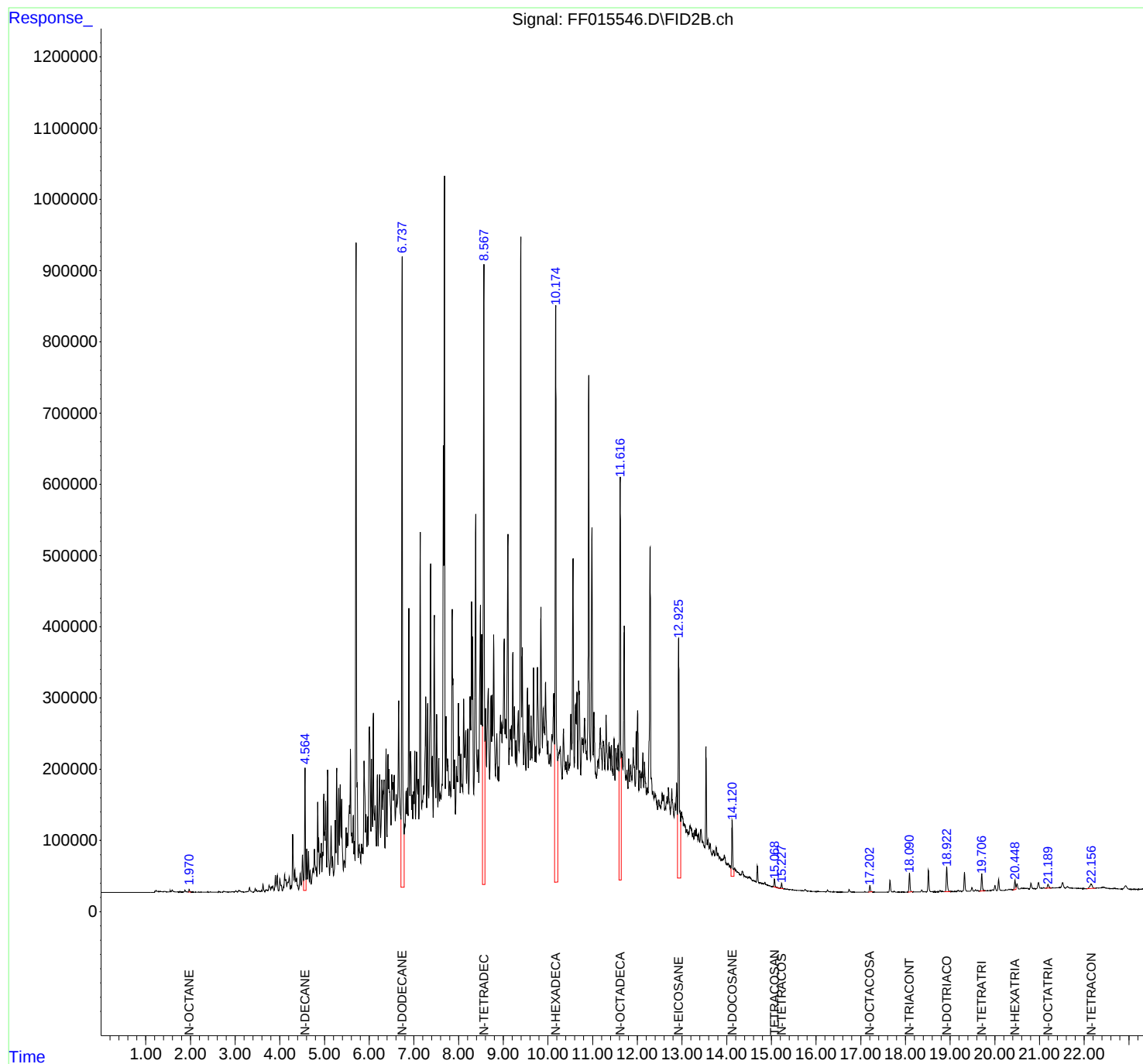
(m)=manual int.

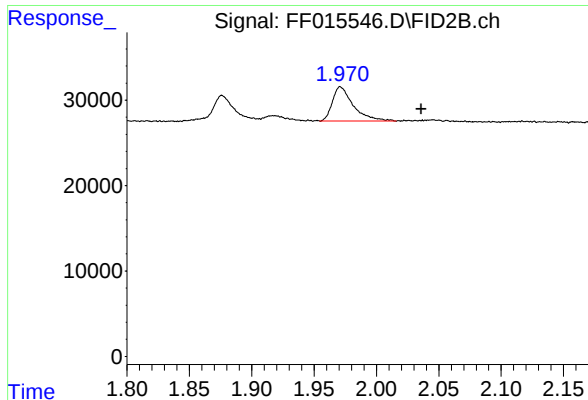
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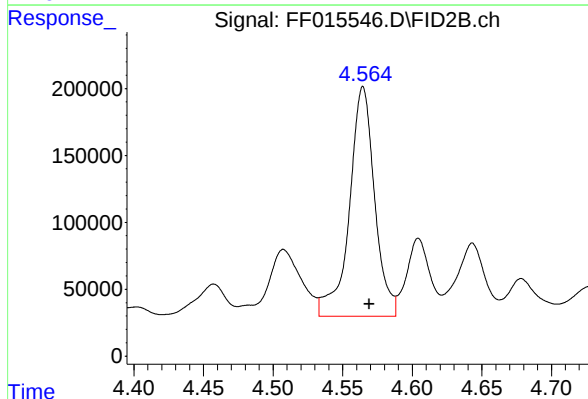




#1 N-OCTANE

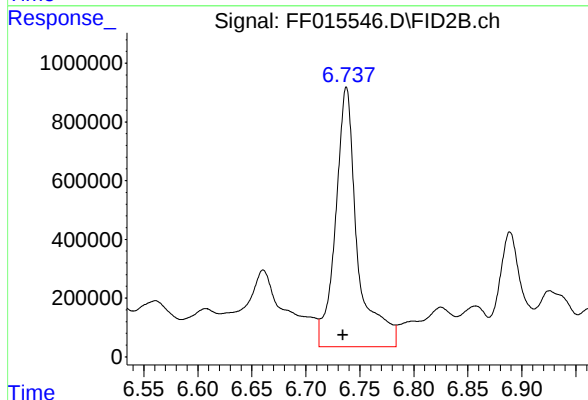
R.T.: 1.971 min
Delta R.T.: -0.065 min
Response: 46616
Conc: 0.36 ug/ml

Instrument :
FID_F
ClientSampleId :



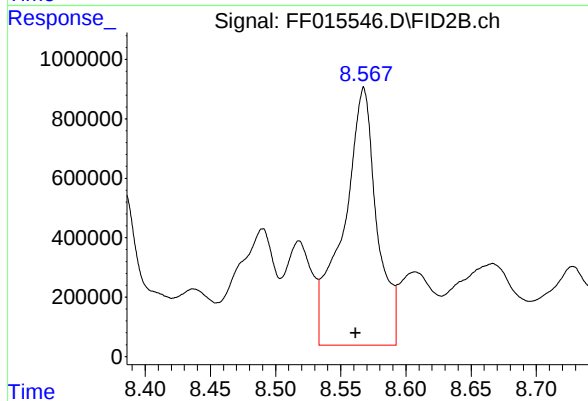
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.005 min
Response: 2172222
Conc: 17.42 ug/ml



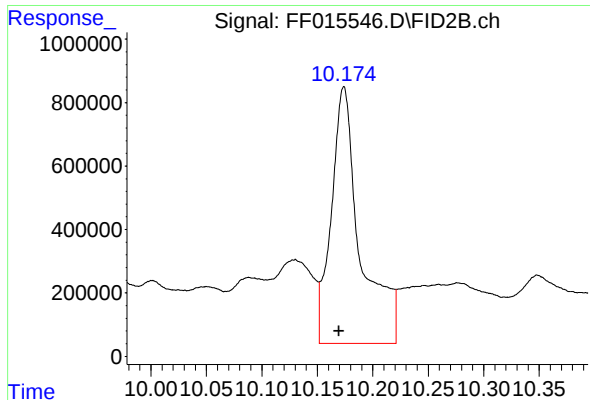
#3 N-DODECANE

R.T.: 6.738 min
Delta R.T.: 0.003 min
Response: 12491233
Conc: 96.33 ug/ml



#4 N-TETRADECANE

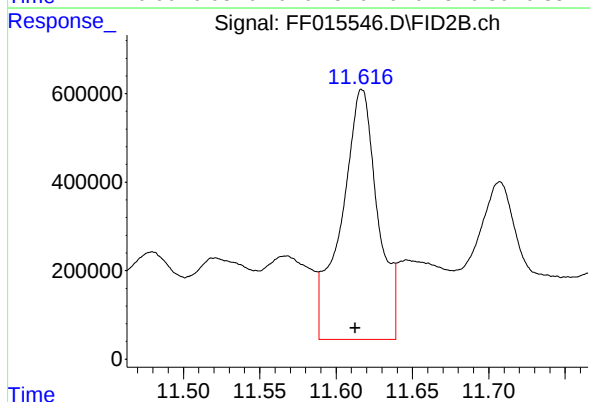
R.T.: 8.568 min
Delta R.T.: 0.006 min
Response: 15456094
Conc: 124.72 ug/ml



#5 N-HEXADECANE

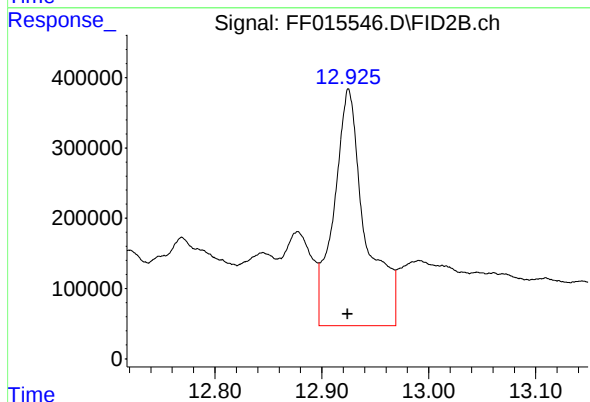
R.T.: 10.174 min
Delta R.T.: 0.005 min
Response: 14603052
Conc: 119.03 ug/ml

Instrument :
FID_F
ClientSampleId :



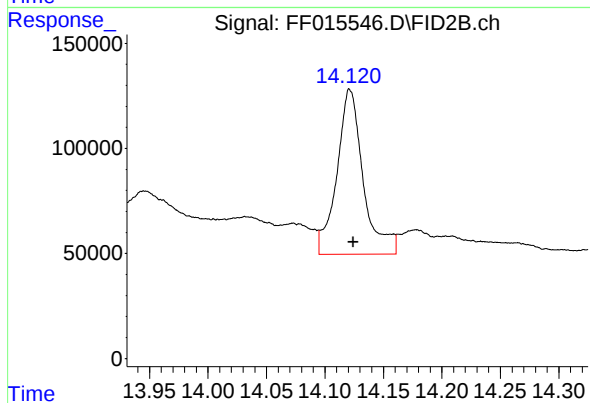
#6 N-OCTADECANE

R.T.: 11.617 min
Delta R.T.: 0.004 min
Response: 9341742
Conc: 72.67 ug/ml



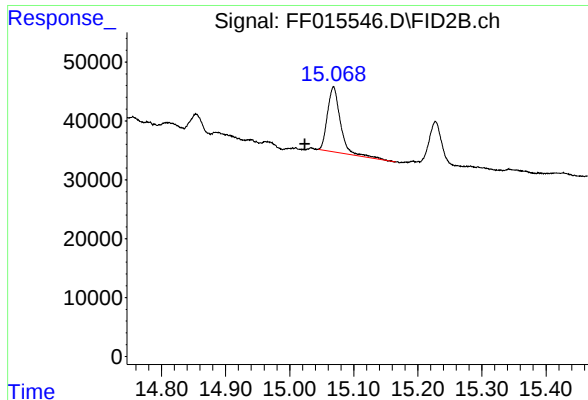
#7 N-EICOSANE

R.T.: 12.925 min
Delta R.T.: 0.000 min
Response: 6895750
Conc: 54.99 ug/ml



#8 N-DOCOSANE

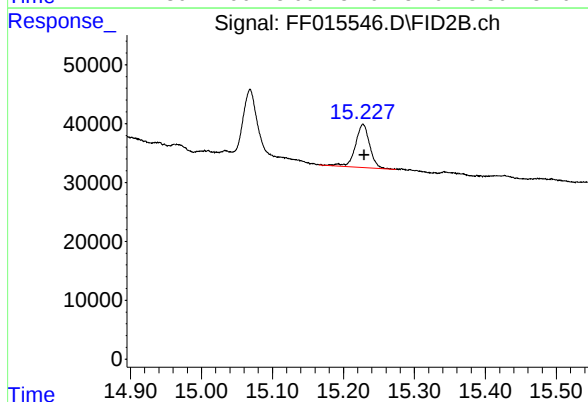
R.T.: 14.121 min
Delta R.T.: -0.003 min
Response: 1230818
Conc: 10.05 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

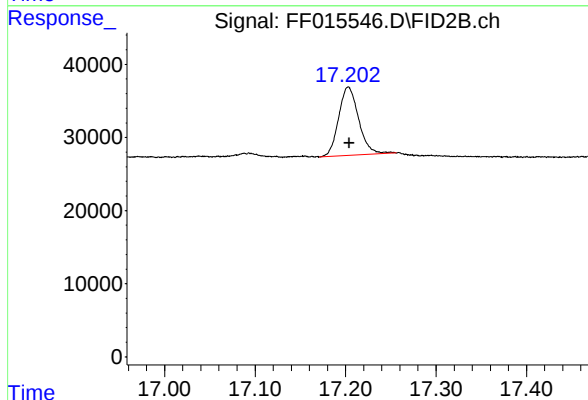
R.T.: 15.069 min
Delta R.T.: 0.045 min
Response: 155187
Conc: 1.41 ug/ml

Instrument :
FID_F
ClientSampleId :



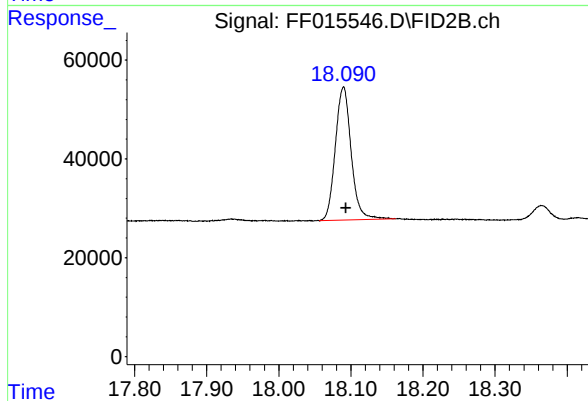
#10 N-TETRACOSANE

R.T.: 15.228 min
Delta R.T.: -0.001 min
Response: 102636
Conc: 0.85 ug/ml



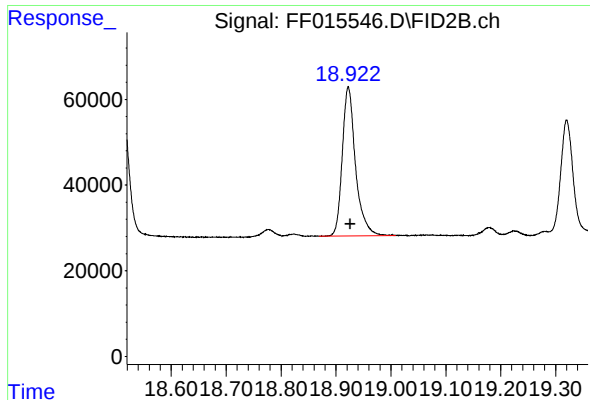
#12 N-OCTACOSANE

R.T.: 17.203 min
Delta R.T.: 0.000 min
Response: 143116
Conc: 1.25 ug/ml



#13 N-TRIACONTANE

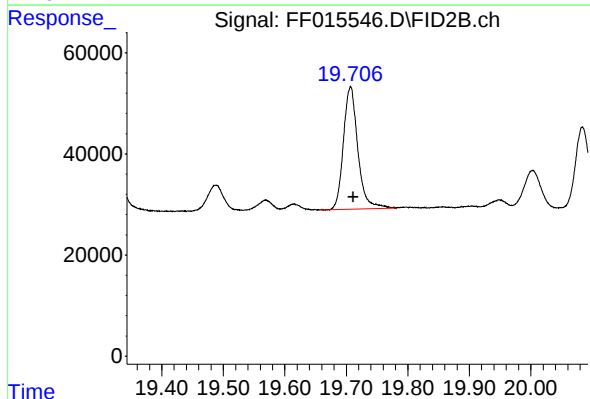
R.T.: 18.090 min
Delta R.T.: -0.003 min
Response: 411501
Conc: 3.60 ug/ml



#14 N-DOTRIACONTANE

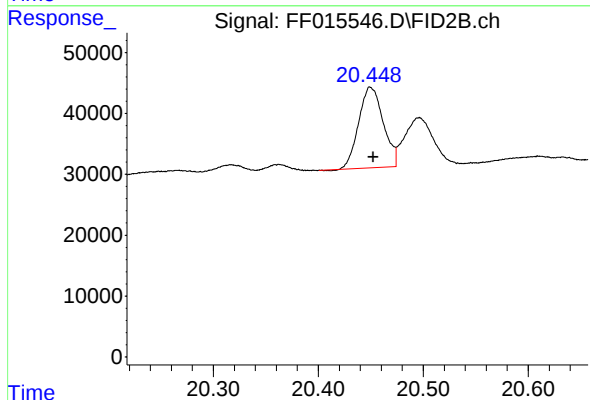
R.T.: 18.922 min
Delta R.T.: -0.004 min
Response: 581868
Conc: 5.15 ug/ml

Instrument :
FID_F
ClientSampleId :



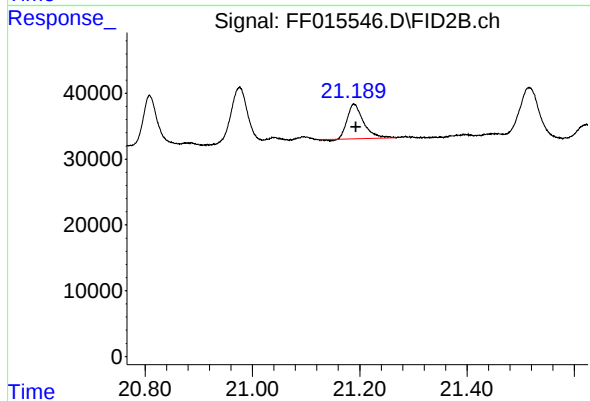
#15 N-TETRATRIACONTANE

R.T.: 19.707 min
Delta R.T.: -0.004 min
Response: 393182
Conc: 3.74 ug/ml



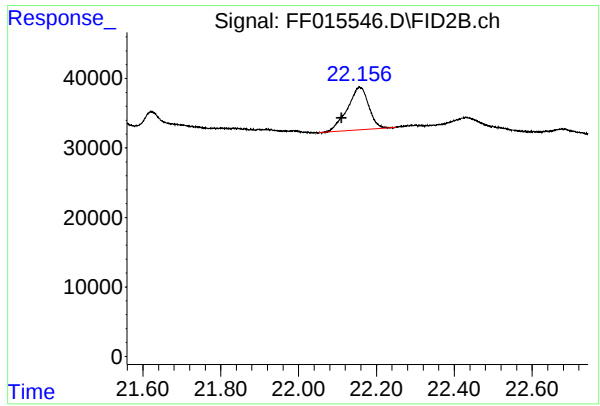
#16 N-HEXATRIACONTANE

R.T.: 20.450 min
Delta R.T.: -0.003 min
Response: 215943
Conc: 2.25 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.189 min
Delta R.T.: -0.004 min
Response: 110203
Conc: 1.17 ug/ml



#18 N-TETRACONTANE

R.T.: 22.157 min
Delta R.T.: 0.046 min
Response: 234165
Conc: 2.52 ug/ml

Instrument :

FID_F

ClientSampleId :