

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082725\
 Data File : FF016246.D
 Signal(s) : FID2B.ch
 Acq On : 27 Aug 2025 16:08
 Operator : YP\AJ
 Sample : Q2893-03
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
ClientSampleId :
 MDL-SOIL-03-QT3-2025

Integration File: autoint1.e
 Quant Time: Aug 28 02:35:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 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...	15.076	2227387	19.955 ug/ml
Target Compounds			
1) N-OCTANE	2.060	96127	0.845 ug/ml
2) N-DECANE	4.596	97228	0.835 ug/ml
3) N-DODECANE	6.773	95018	0.804 ug/ml
4) N-TETRADECANE	8.607	101579	0.840 ug/ml
5) N-HEXADECANE	10.218	106445	0.876 ug/ml
6) N-OCTADECANE	11.662	116634	0.932 ug/ml
7) N-EICOSANE	12.974	116585	0.901 ug/ml
8) N-DOCOSANE	14.173	118191	0.935 ug/ml
10) N-TETRACOSANE	15.279	122052	0.963 ug/ml
11) N-HEXACOSANE	16.304	121560	0.982 ug/ml
12) N-OCTACOSANE	17.256	115545	0.923 ug/ml
13) N-TRIACONTANE	18.145	119729	0.937 ug/ml
14) N-DOTRIACONTANE	18.980	115480	0.928 ug/ml
15) N-TETRATRIACONTANE	19.767	99331	0.888 ug/ml
16) N-HEXATRIACONTANE	20.510	79207	0.861 ug/ml
17) N-OCTATRIACONTANE	21.270	71979	0.942 ug/ml

(f)=RT Delta > 1/2 Window

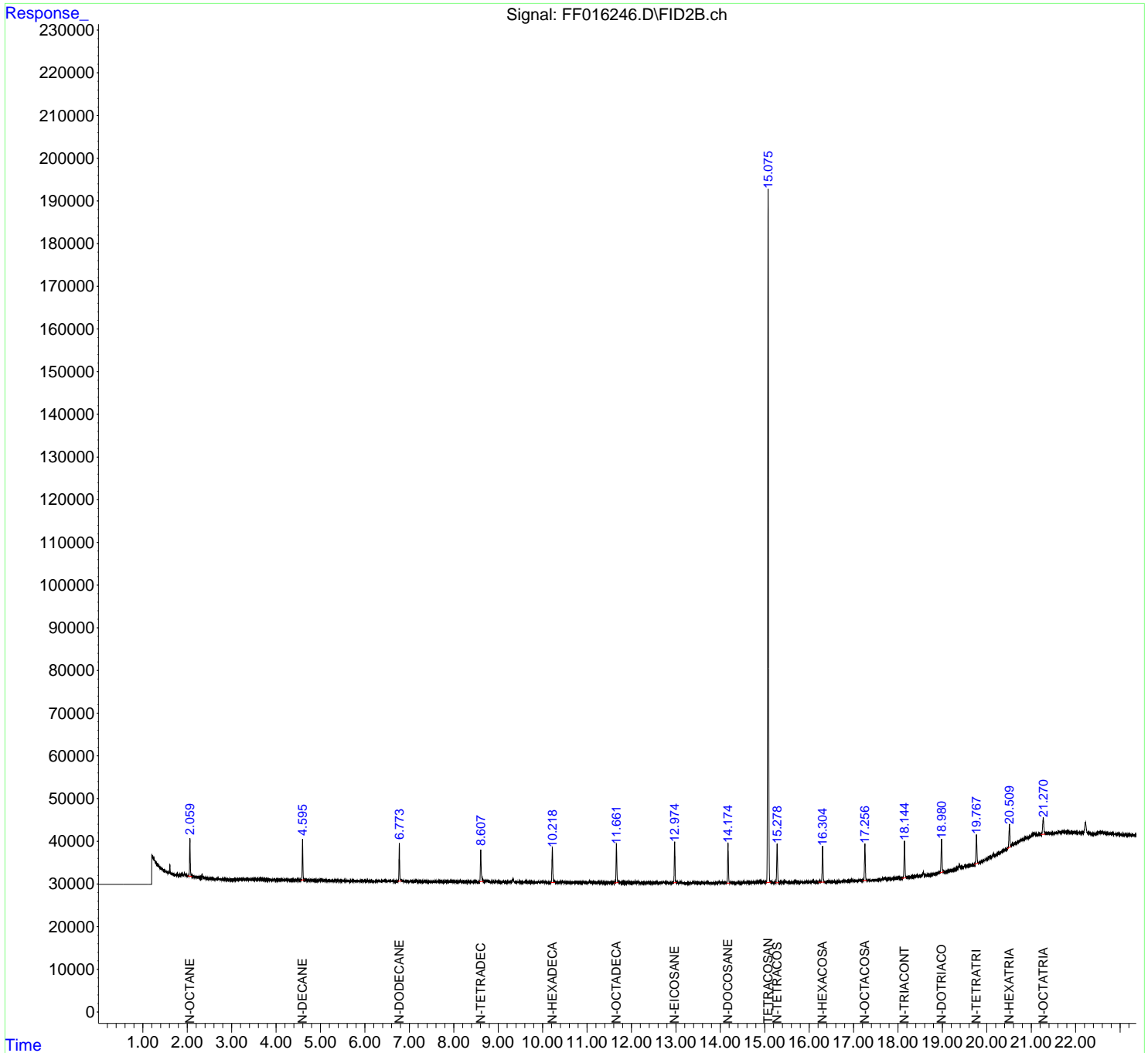
(m)=manual int.

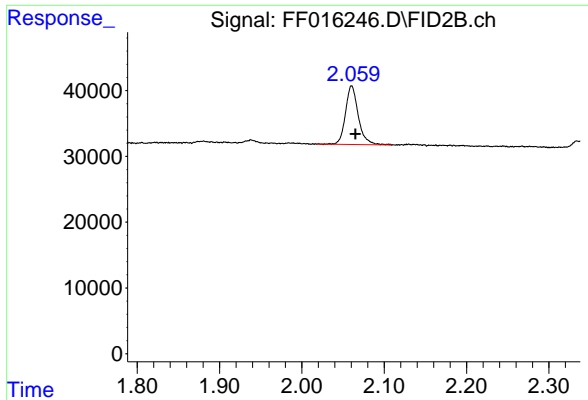
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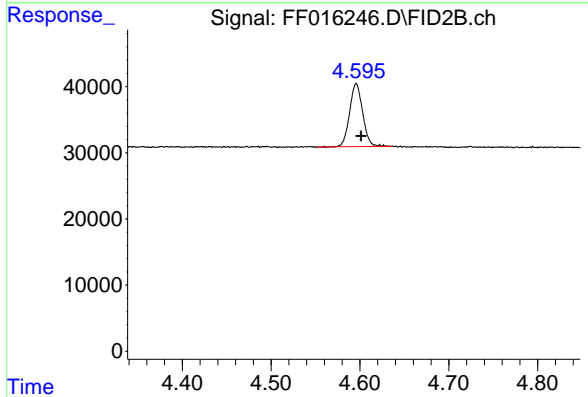




#1 N-OCTANE

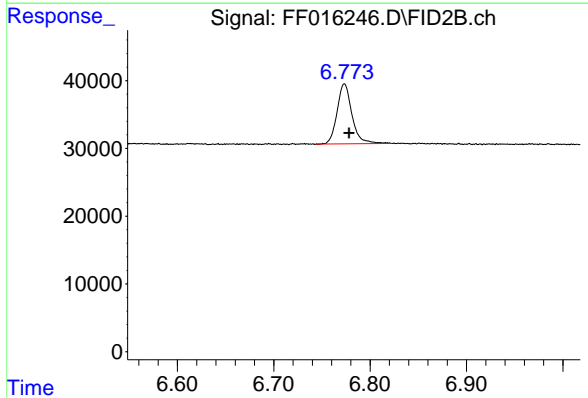
R.T.: 2.060 min
 Delta R.T.: -0.005 min
 Response: 96127
 Conc: 0.84 ug/ml

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2025



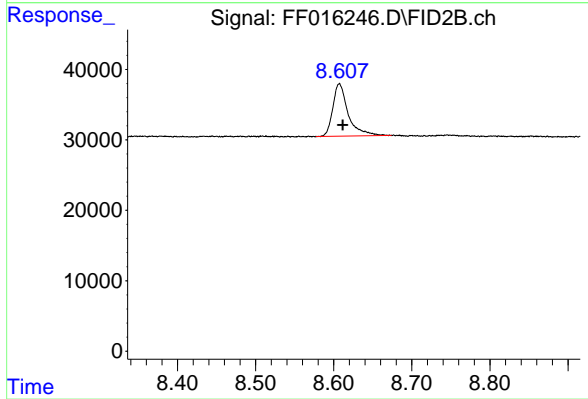
#2 N-DECANE

R.T.: 4.596 min
 Delta R.T.: -0.005 min
 Response: 97228
 Conc: 0.84 ug/ml



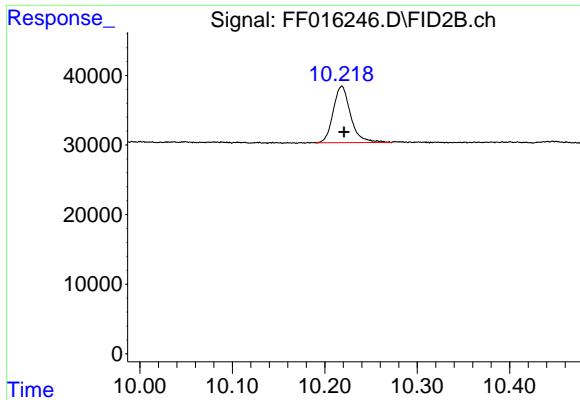
#3 N-DODECANE

R.T.: 6.773 min
 Delta R.T.: -0.005 min
 Response: 95018
 Conc: 0.80 ug/ml



#4 N-TETRADECANE

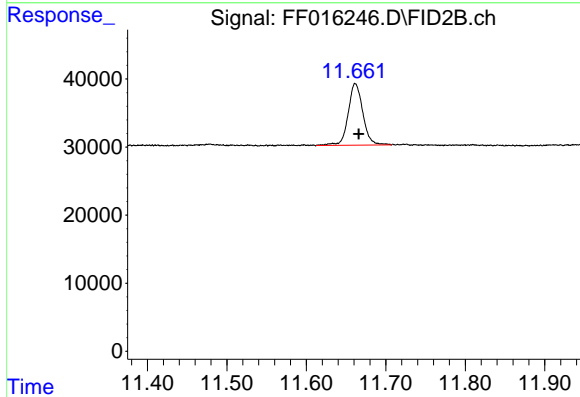
R.T.: 8.607 min
 Delta R.T.: -0.004 min
 Response: 101579
 Conc: 0.84 ug/ml



#5 N-HEXADECANE

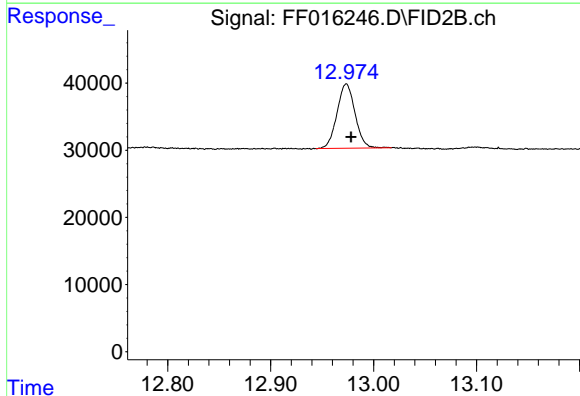
R.T.: 10.218 min
 Delta R.T.: -0.002 min
 Response: 106445
 Conc: 0.88 ug/ml

Instrument : FID_F
 ClientSampleId : MDL-SOIL-03-QT3-2025



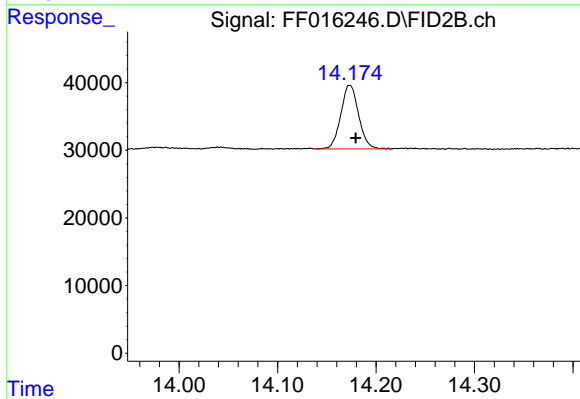
#6 N-OCTADECANE

R.T.: 11.662 min
 Delta R.T.: -0.004 min
 Response: 116634
 Conc: 0.93 ug/ml



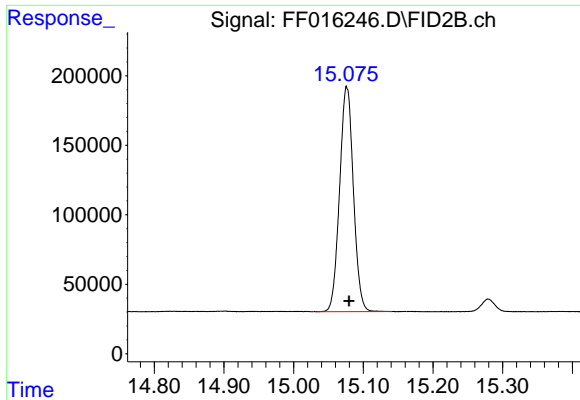
#7 N-EICOSANE

R.T.: 12.974 min
 Delta R.T.: -0.005 min
 Response: 116585
 Conc: 0.90 ug/ml



#8 N-DOCOSANE

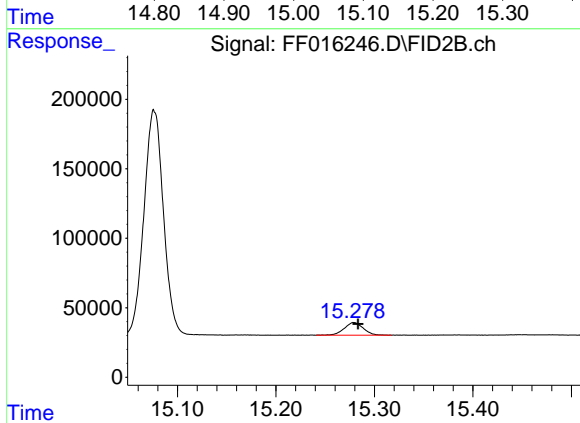
R.T.: 14.173 min
 Delta R.T.: -0.006 min
 Response: 118191
 Conc: 0.93 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

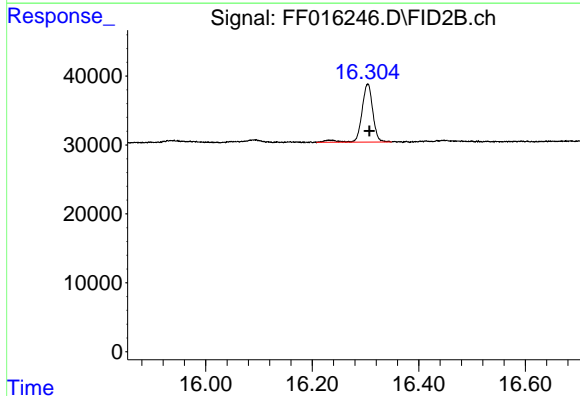
R.T.: 15.076 min
 Delta R.T.: -0.003 min
 Response: 2227387
 Conc: 19.95 ug/ml

Instrument : FID_F
 ClientSampleId : MDL-SOIL-03-QT3-2025



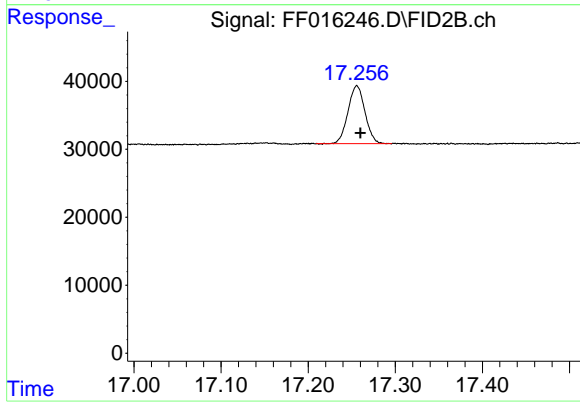
#10 N-TETRACOSANE

R.T.: 15.279 min
 Delta R.T.: -0.004 min
 Response: 122052
 Conc: 0.96 ug/ml



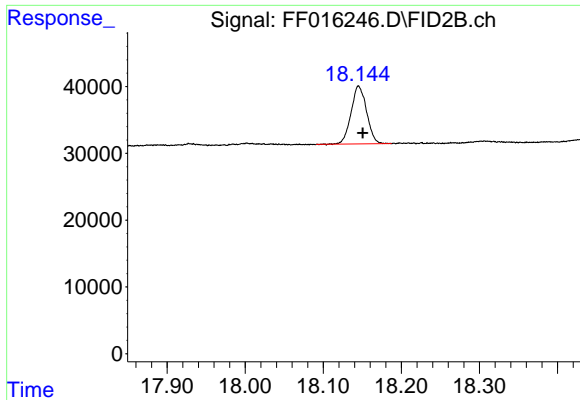
#11 N-HEXACOSANE

R.T.: 16.304 min
 Delta R.T.: -0.003 min
 Response: 121560
 Conc: 0.98 ug/ml



#12 N-OCTACOSANE

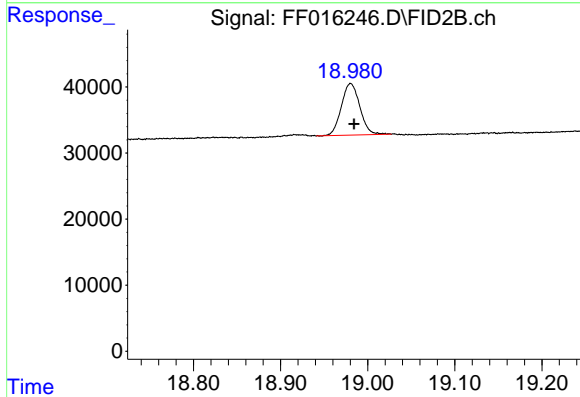
R.T.: 17.256 min
 Delta R.T.: -0.004 min
 Response: 115545
 Conc: 0.92 ug/ml



#13 N-TRIACONTANE

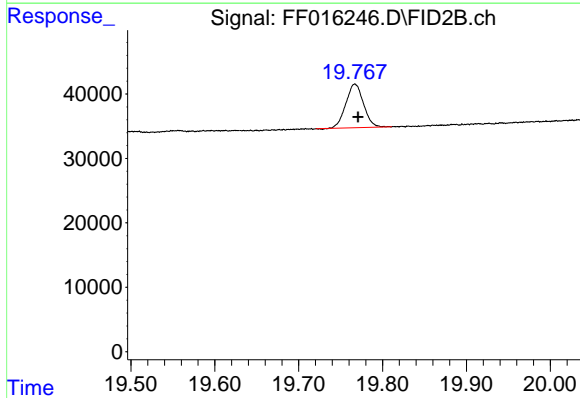
R.T.: 18.145 min
 Delta R.T.: -0.005 min
 Response: 119729
 Conc: 0.94 ug/ml

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2025



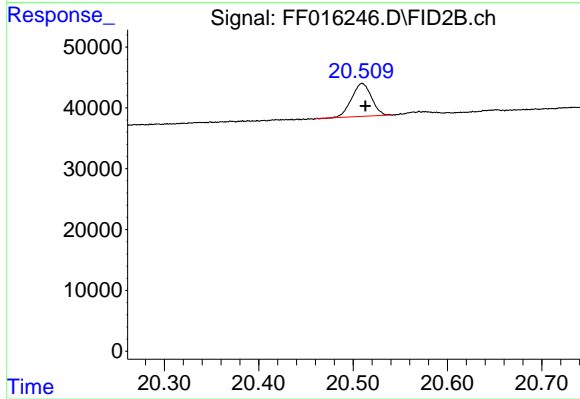
#14 N-DOTRIACONTANE

R.T.: 18.980 min
 Delta R.T.: -0.004 min
 Response: 115480
 Conc: 0.93 ug/ml



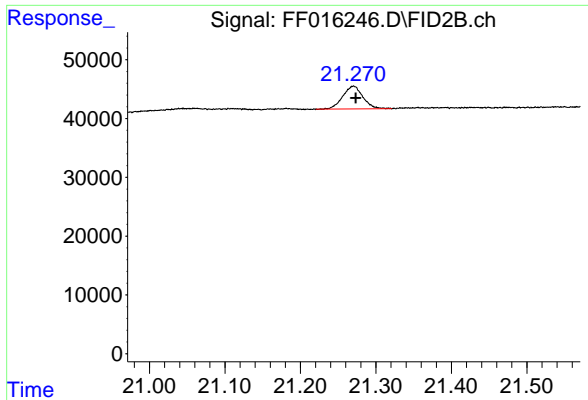
#15 N-TETRATRIACONTANE

R.T.: 19.767 min
 Delta R.T.: -0.004 min
 Response: 99331
 Conc: 0.89 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.510 min
 Delta R.T.: -0.003 min
 Response: 79207
 Conc: 0.86 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.270 min
Delta R.T.: -0.003 min
Response: 71979
Conc: 0.94 ug/ml

Instrument :
FID_F
ClientSampleId :
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