

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050725\
 Data File : FF015799.D
 Signal(s) : FID2B.ch
 Acq On : 07 May 2025 14:14
 Operator : YP\AJ
 Sample : Q1936-01MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SMALL-PILE-AMS

Integration File: autoint1.e
 Quant Time: May 08 03:12:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042225.M
 Quant Title :
 QLast Update : Tue Apr 22 11:27:50 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...	15.018	897685	7.955 ug/ml
Target Compounds			
1) N-OCTANE	2.028	1475763	13.018 ug/ml
2) N-DECANE	4.565	1596942	15.649 ug/ml
3) N-DODECANE	6.732	1710321	15.620 ug/ml
4) N-TETRADECANE	8.558	1689403	14.637 ug/ml
5) N-HEXADECANE	10.165	1813192	15.364 ug/ml
6) N-OCTADECANE	11.609	1845067	14.667 ug/ml
7) N-EICOSANE	12.919	1853836	14.210 ug/ml
8) N-DOCOSANE	14.118	1868903	14.672 ug/ml
10) N-TETRACOSANE	15.221	1867834	14.849 ug/ml
11) N-HEXACOSANE	16.244	1847308	15.155 ug/ml
12) N-OCTACOSANE	17.194	1792889	15.152 ug/ml
13) N-TRIACONTANE	18.083	1765479	14.980 ug/ml
14) N-DOTRIACONTANE	18.915	1480375	12.994 ug/ml
15) N-TETRATRIACONTANE	19.699	883174	8.852 ug/ml
16) N-HEXATRIACONTANE	20.440	565995	7.094 ug/ml
17) N-OCTATRIACONTANE	21.175	434532	7.652 ug/ml
18) N-TETRACONTANE	22.085f	413005	10.156 ug/ml

(f)=RT Delta > 1/2 Window

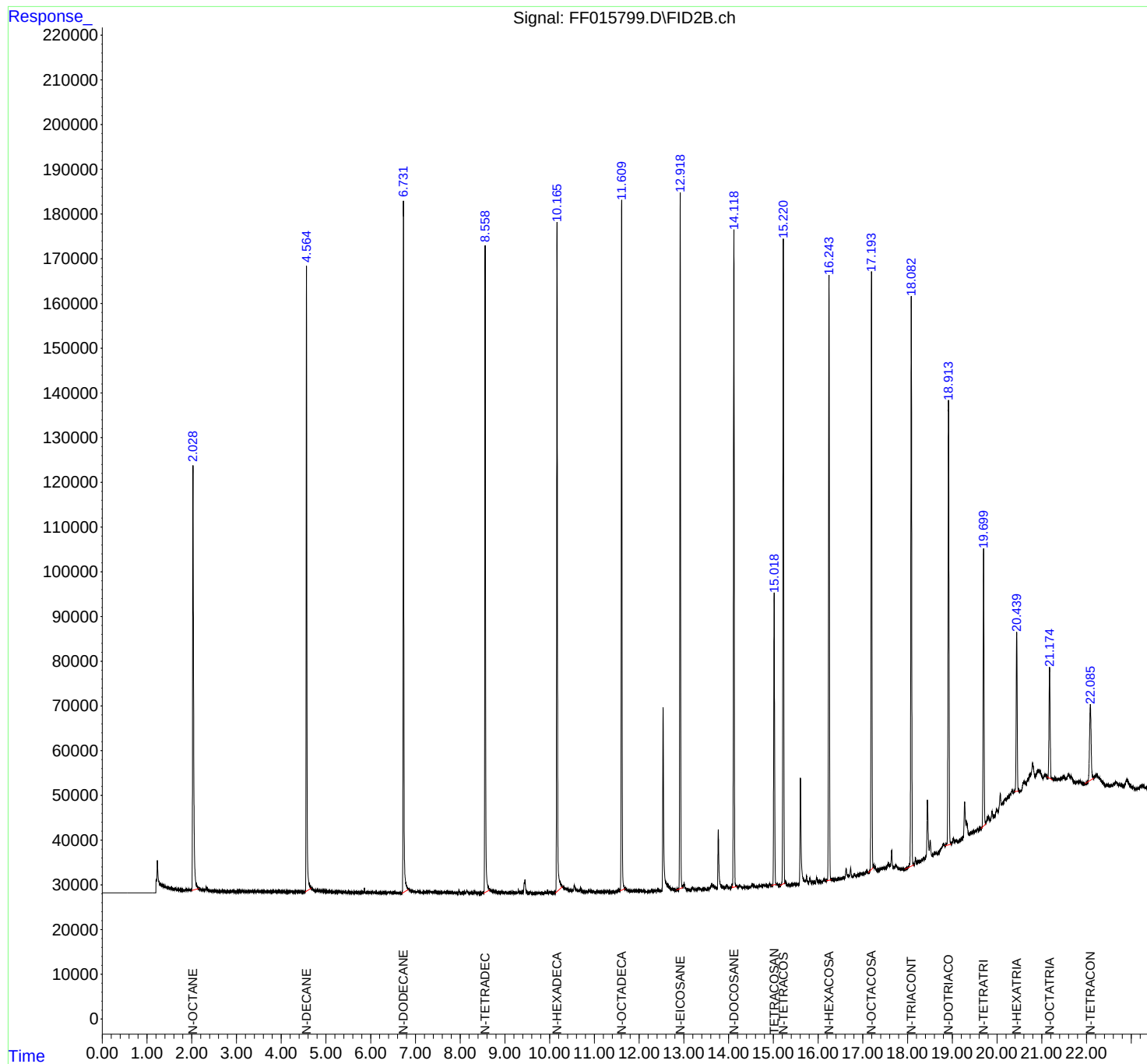
(m)=manual int.

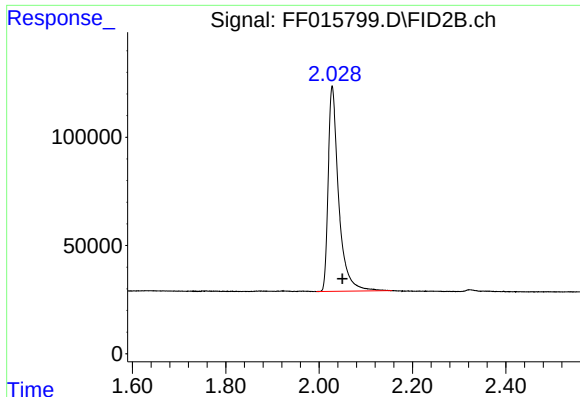
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

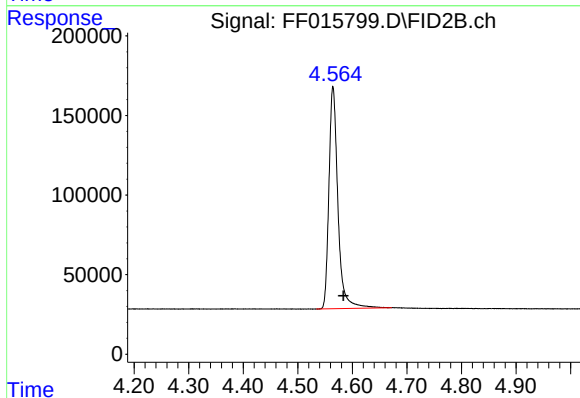




#1 N-OCTANE

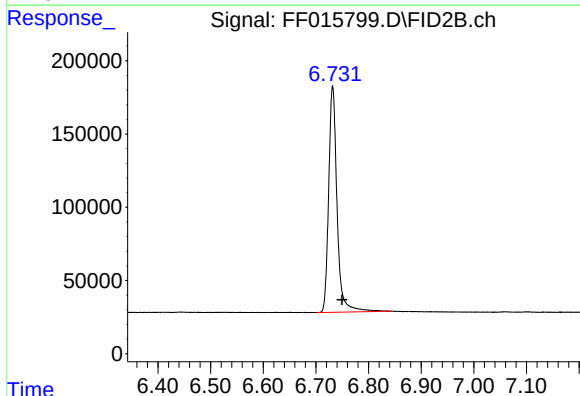
R.T.: 2.028 min
Delta R.T.: -0.022 min
Response: 1475763
Conc: 13.02 ug/ml

Instrument :
FID_F
ClientSampleId :
SMALL-PILE-AMS



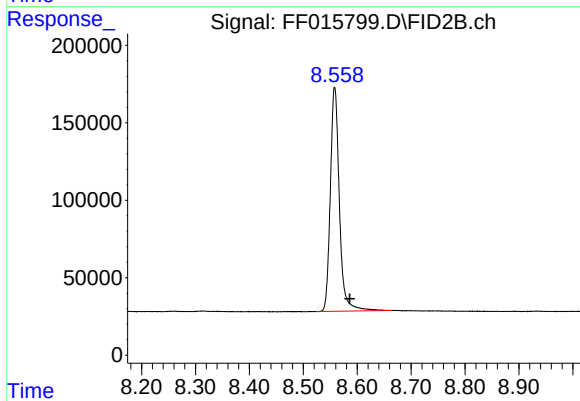
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.019 min
Response: 1596942
Conc: 15.65 ug/ml



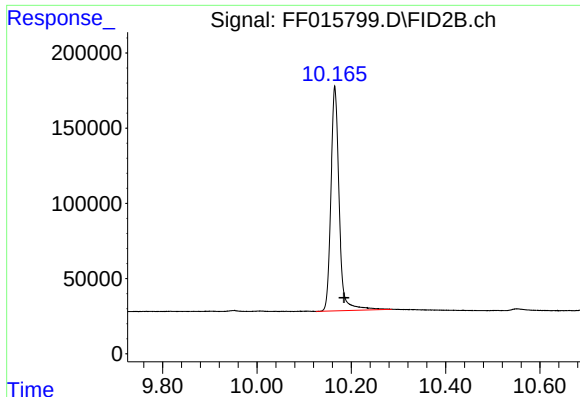
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: -0.018 min
Response: 1710321
Conc: 15.62 ug/ml



#4 N-TETRADECANE

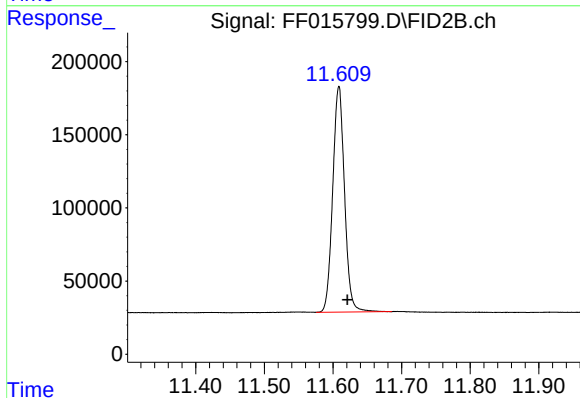
R.T.: 8.558 min
Delta R.T.: -0.028 min
Response: 1689403
Conc: 14.64 ug/ml



#5 N-HEXADECANE

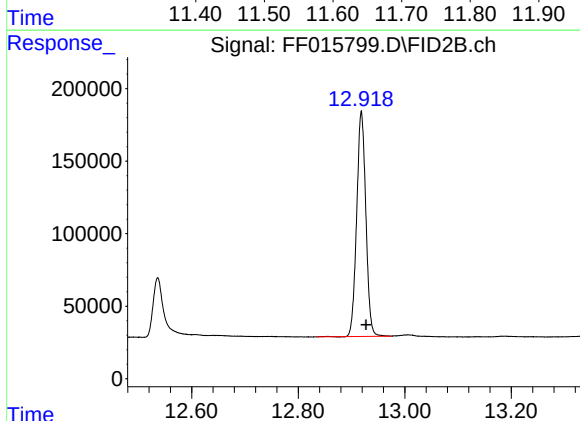
R.T.: 10.165 min
Delta R.T.: -0.019 min
Response: 1813192
Conc: 15.36 ug/ml

Instrument :
FID_F
ClientSampleId :
SMALL-PILE-AMS



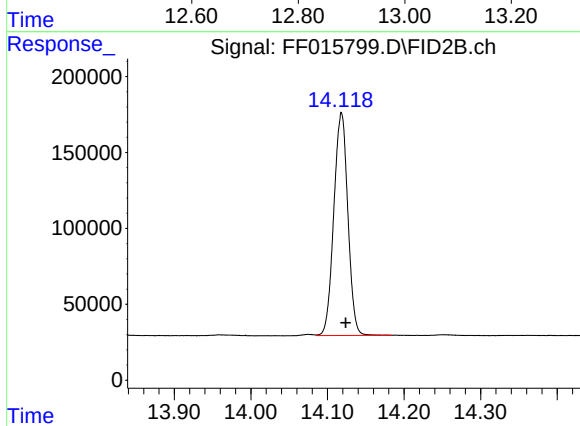
#6 N-OCTADECANE

R.T.: 11.609 min
Delta R.T.: -0.013 min
Response: 1845067
Conc: 14.67 ug/ml



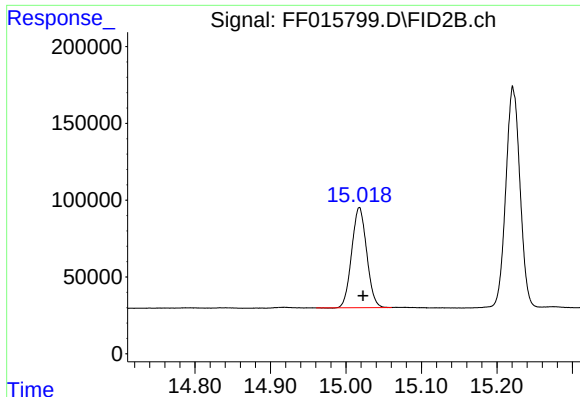
#7 N-EICOSANE

R.T.: 12.919 min
Delta R.T.: -0.009 min
Response: 1853836
Conc: 14.21 ug/ml



#8 N-DOCOSANE

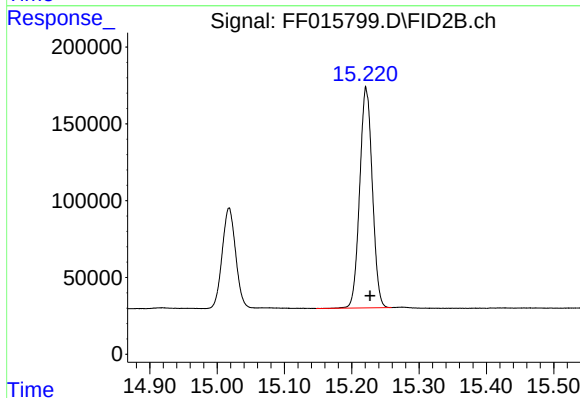
R.T.: 14.118 min
Delta R.T.: -0.005 min
Response: 1868903
Conc: 14.67 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

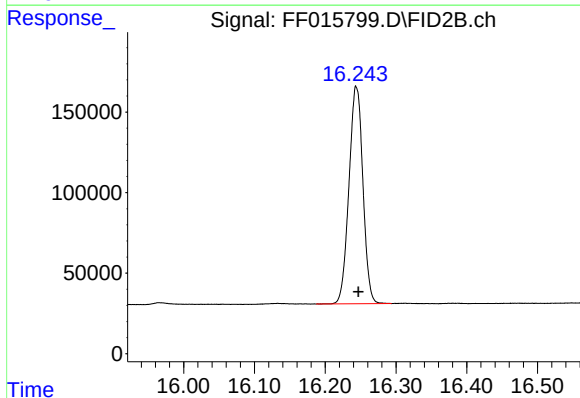
R.T.: 15.018 min
Delta R.T.: -0.005 min
Response: 897685
Conc: 7.95 ug/ml

Instrument :
FID_F
ClientSampleId :
SMALL-PILE-AMS



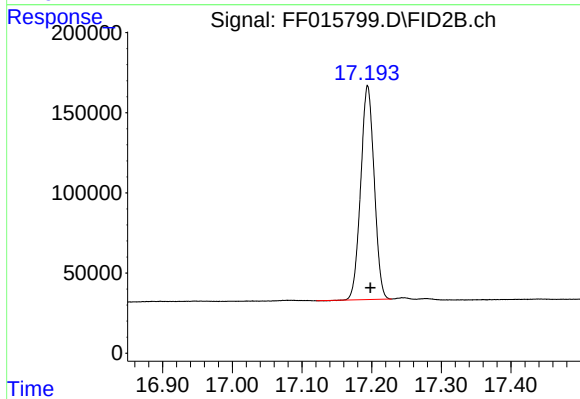
#10 N-TETRACOSANE

R.T.: 15.221 min
Delta R.T.: -0.006 min
Response: 1867834
Conc: 14.85 ug/ml



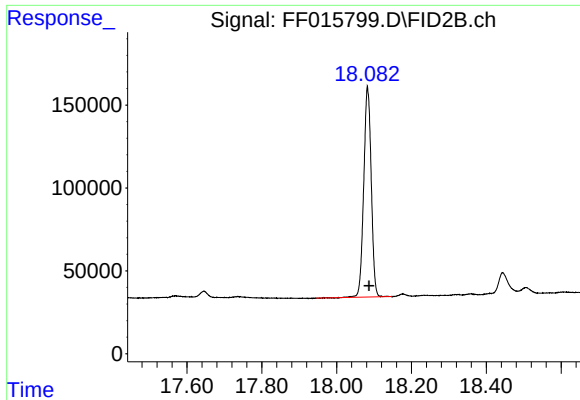
#11 N-HEXACOSANE

R.T.: 16.244 min
Delta R.T.: -0.003 min
Response: 1847308
Conc: 15.15 ug/ml



#12 N-OCTACOSANE

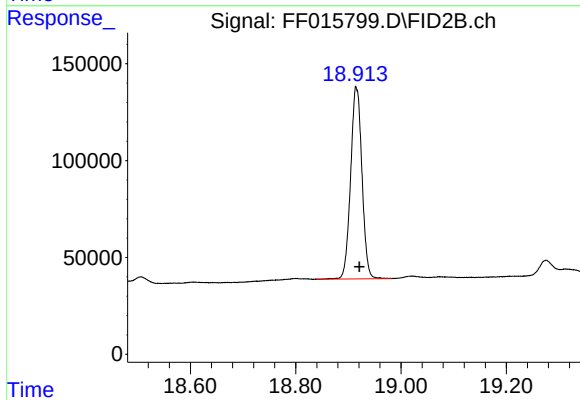
R.T.: 17.194 min
Delta R.T.: -0.004 min
Response: 1792889
Conc: 15.15 ug/ml



#13 N-TRIACONTANE

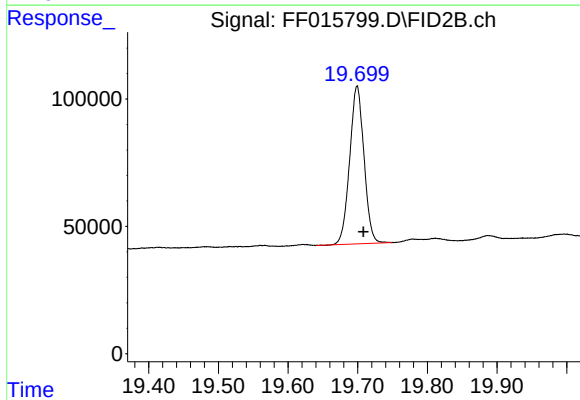
R.T.: 18.083 min
Delta R.T.: -0.004 min
Response: 1765479
Conc: 14.98 ug/ml

Instrument :
FID_F
ClientSampleId :
SMALL-PILE-AMS



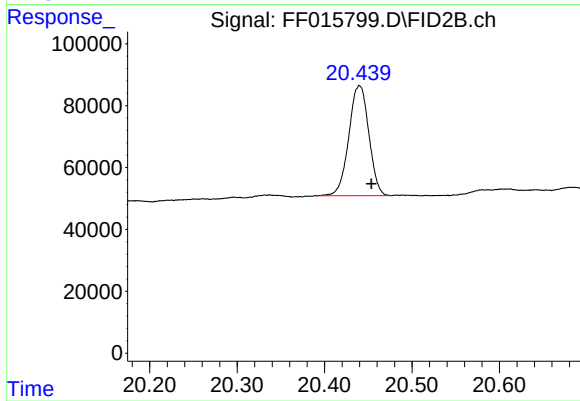
#14 N-DOTRIACONTANE

R.T.: 18.915 min
Delta R.T.: -0.006 min
Response: 1480375
Conc: 12.99 ug/ml



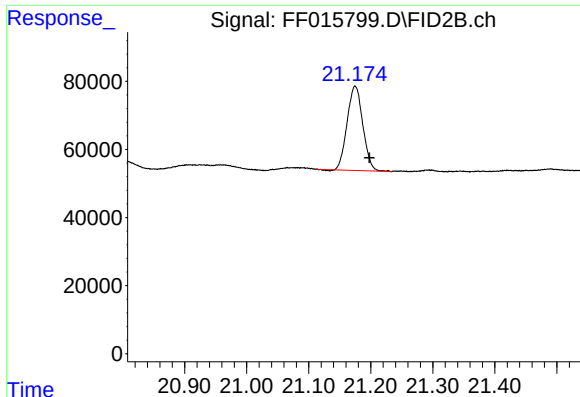
#15 N-TETRATRIACONTANE

R.T.: 19.699 min
Delta R.T.: -0.009 min
Response: 883174
Conc: 8.85 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.440 min
Delta R.T.: -0.014 min
Response: 565995
Conc: 7.09 ug/ml



#17 N-OCTATRIACONTANE

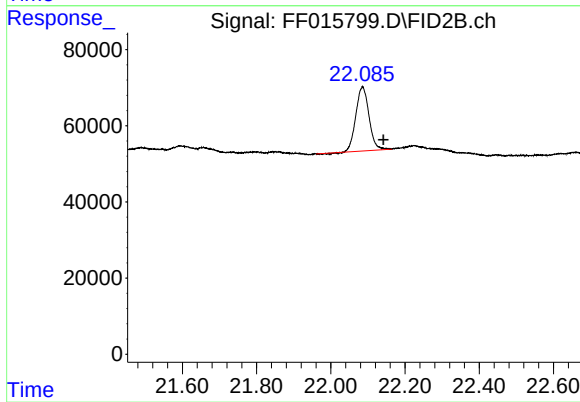
R.T.: 21.175 min
Delta R.T.: -0.023 min
Response: 434532
Conc: 7.65 ug/ml

Instrument :

FID_F

ClientSampleId :

SMALL-PILE-AMS



#18 N-TETRACONTANE

R.T.: 22.085 min
Delta R.T.: -0.056 min
Response: 413005
Conc: 10.16 ug/ml