

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
 Data File : FF016635.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 12:52
 Operator : YP\AJ
 Sample : PB170324BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170324BS

Integration File: autoint1.e
 Quant Time: Oct 31 02:20:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.056	1918098	18.359 ug/ml
Target Compounds			
1) N-OCTANE	2.043	1796883	16.189 ug/ml
2) N-DECANE	4.573	2033504	18.378 ug/ml
3) N-DODECANE	6.751	2071244	18.645 ug/ml
4) N-TETRADECANE	8.584	2121414	18.990 ug/ml
5) N-HEXADECANE	10.193	2143776	19.080 ug/ml
6) N-OCTADECANE	11.639	2219710	18.967 ug/ml
7) N-EICOSANE	12.953	2306165	18.887 ug/ml
8) N-DOCOSANE	14.154	2252846	18.899 ug/ml
10) N-TETRACOSANE	15.261	2255410	19.035 ug/ml
11) N-HEXACOSANE	16.286	2193001	19.090 ug/ml
12) N-OCTACOSANE	17.239	2173702	19.075 ug/ml
13) N-TRIACONTANE	18.130	2160479	19.229 ug/ml
14) N-DOTRIACONTANE	18.967	2208427	20.602 ug/ml
15) N-TETRATRIACONTANE	19.754	2373945	24.159 ug/ml
16) N-HEXATRIACONTANE	20.496	2266182	26.502 ug/ml
17) N-OCTATRIACONTANE	21.254	1990960	25.940 ug/ml
18) N-TETRACONTANE	22.200	1660480	24.330 ug/ml

(f)=RT Delta > 1/2 Window

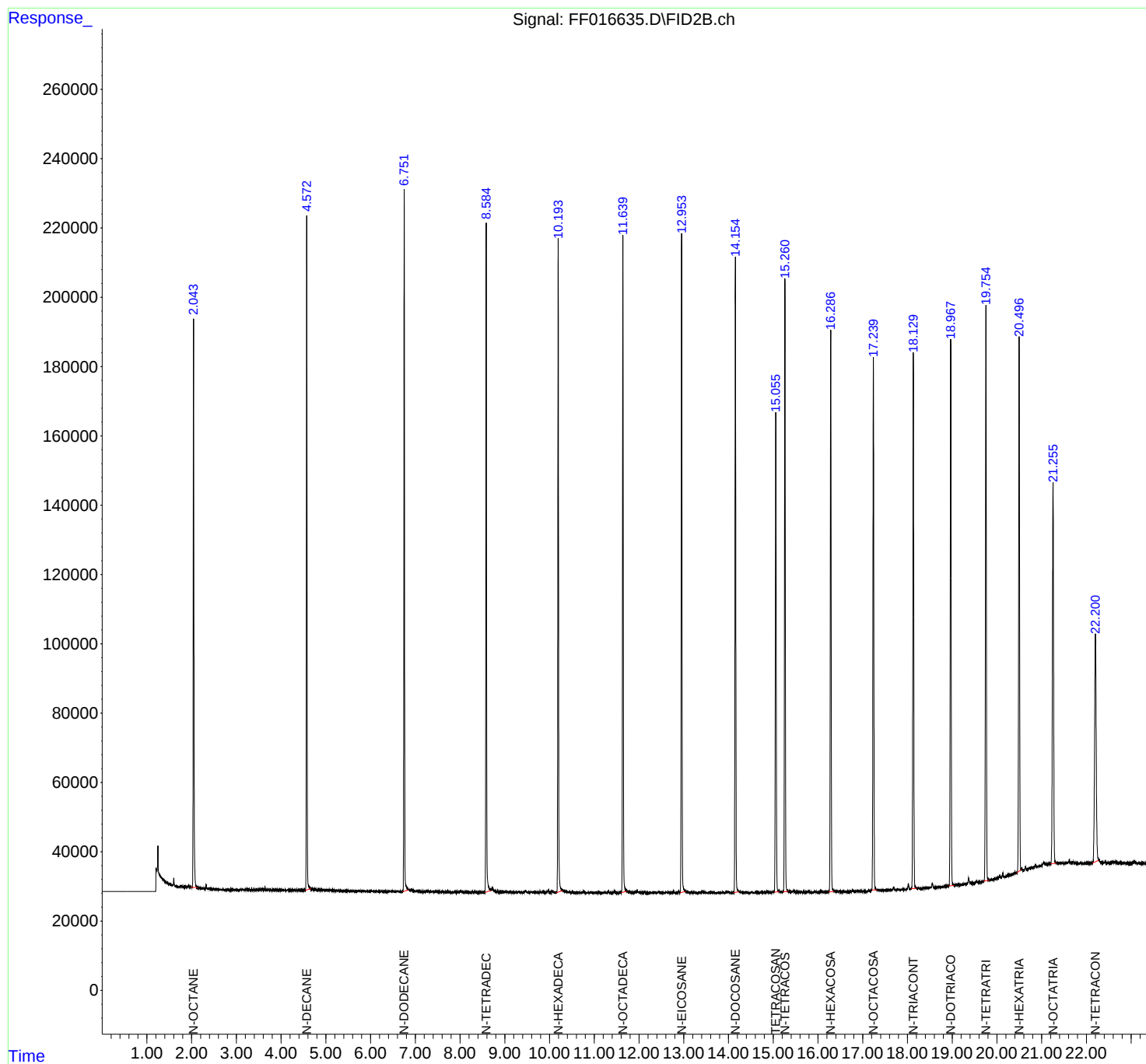
(m)=manual int.

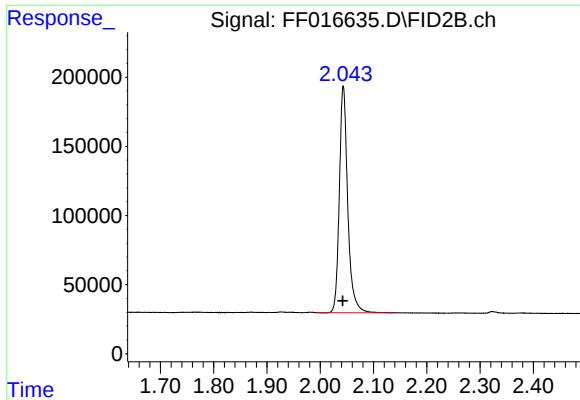
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

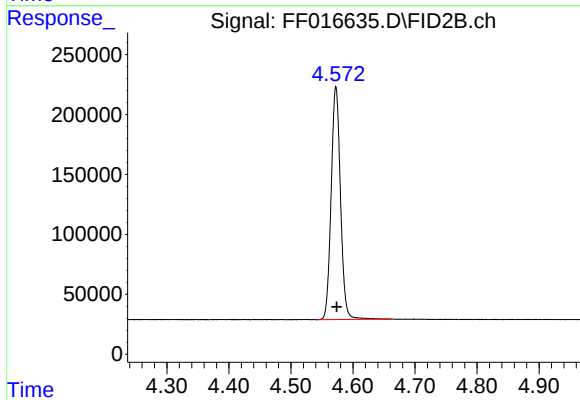




#1 N-OCTANE

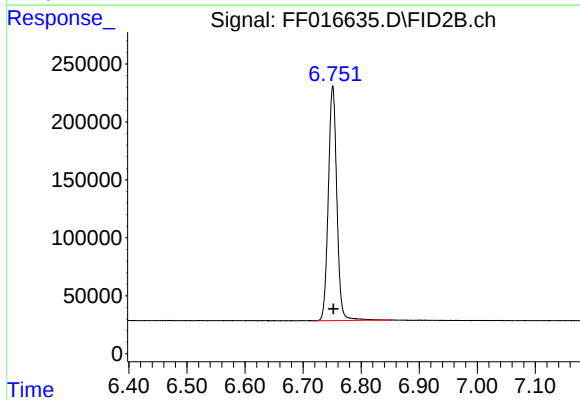
R.T.: 2.043 min
Delta R.T.: 0.001 min
Response: 1796883
Conc: 16.19 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170324BS



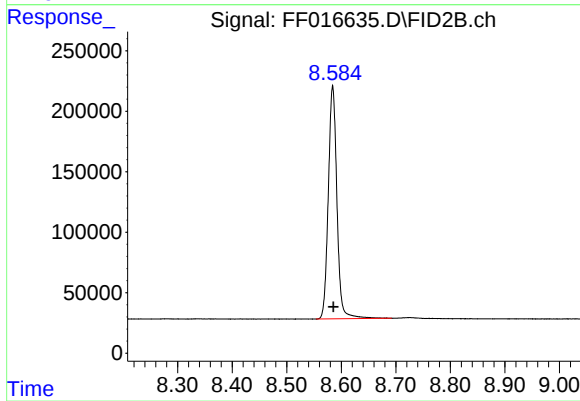
#2 N-DECANE

R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 2033504
Conc: 18.38 ug/ml



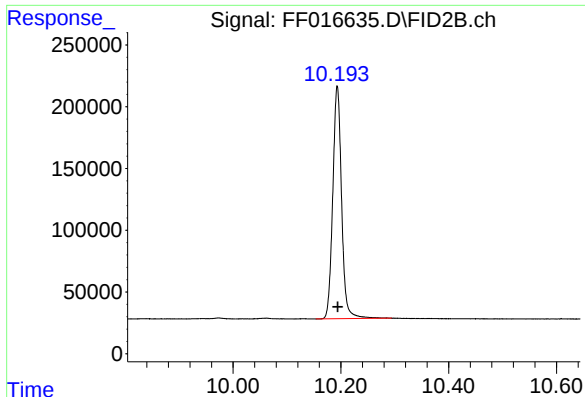
#3 N-DODECANE

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 2071244
Conc: 18.65 ug/ml



#4 N-TETRADECANE

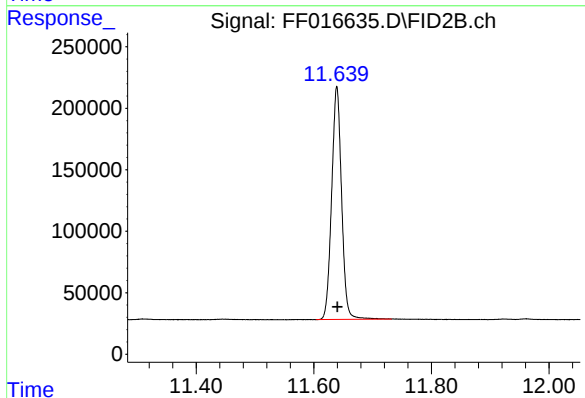
R.T.: 8.584 min
Delta R.T.: -0.001 min
Response: 2121414
Conc: 18.99 ug/ml



#5 N-HEXADECANE

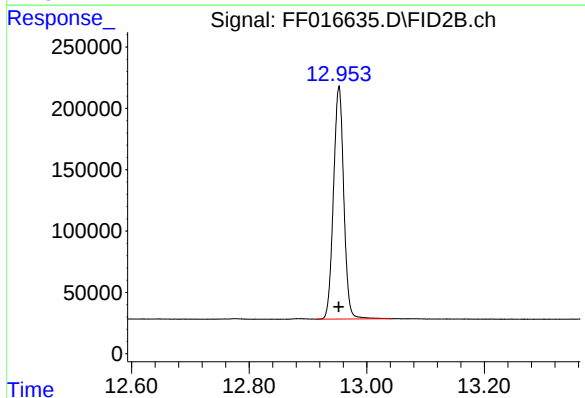
R.T.: 10.193 min
Delta R.T.: -0.001 min
Response: 2143776
Conc: 19.08 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170324BS



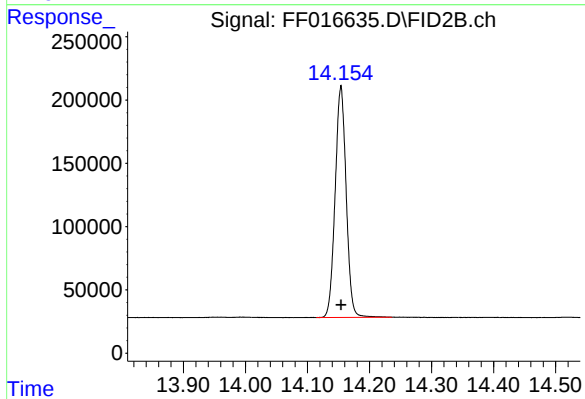
#6 N-OCTADECANE

R.T.: 11.639 min
Delta R.T.: 0.000 min
Response: 2219710
Conc: 18.97 ug/ml



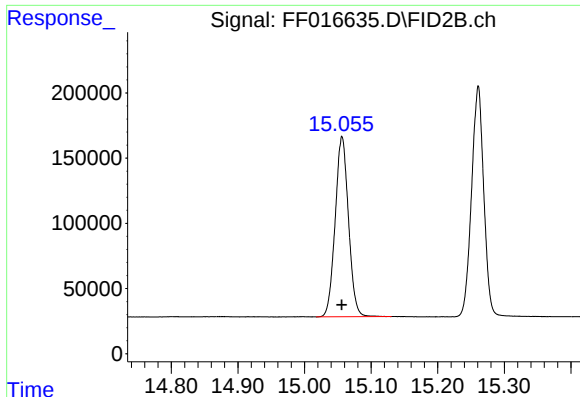
#7 N-EICOSANE

R.T.: 12.953 min
Delta R.T.: 0.000 min
Response: 2306165
Conc: 18.89 ug/ml



#8 N-DOCOSANE

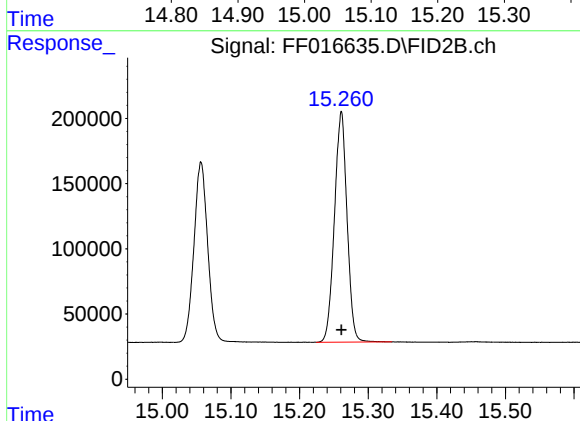
R.T.: 14.154 min
Delta R.T.: 0.000 min
Response: 2252846
Conc: 18.90 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

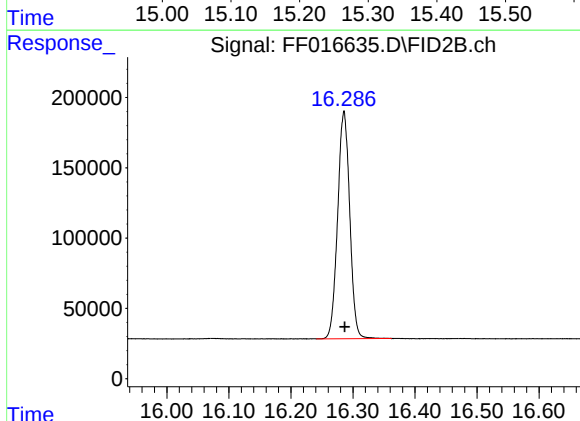
R.T.: 15.056 min
Delta R.T.: 0.000 min
Response: 1918098
Conc: 18.36 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170324BS



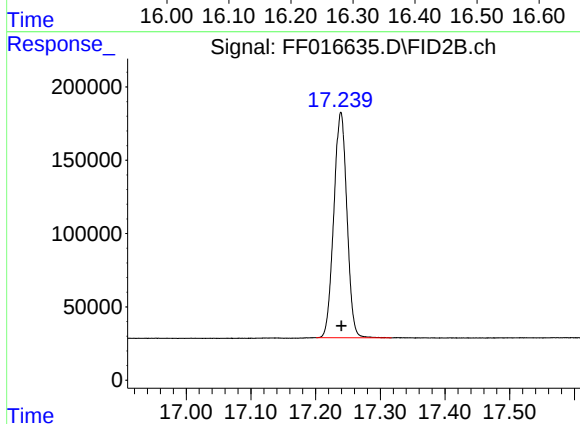
#10 N-TETRACOSANE

R.T.: 15.261 min
Delta R.T.: 0.000 min
Response: 2255410
Conc: 19.03 ug/ml



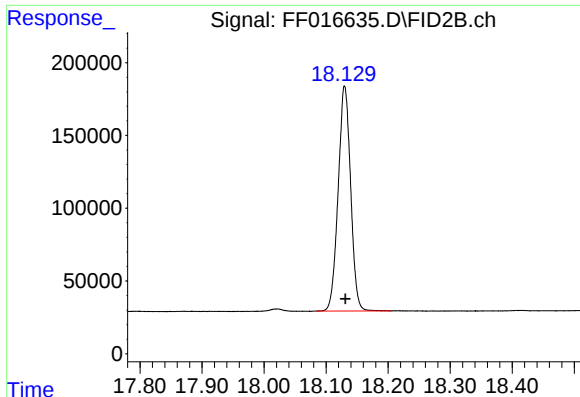
#11 N-HEXACOSANE

R.T.: 16.286 min
Delta R.T.: -0.001 min
Response: 2193001
Conc: 19.09 ug/ml



#12 N-OCTACOSANE

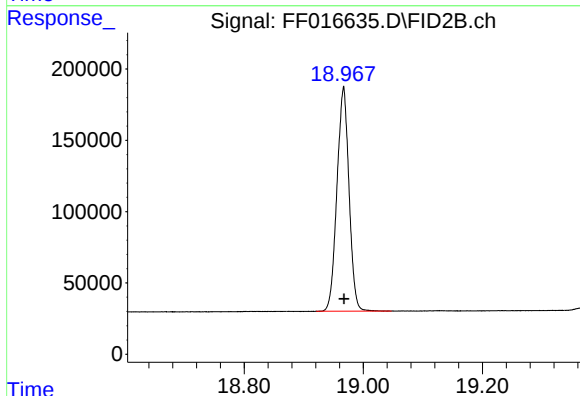
R.T.: 17.239 min
Delta R.T.: -0.001 min
Response: 2173702
Conc: 19.08 ug/ml



#13 N-TRIACONTANE

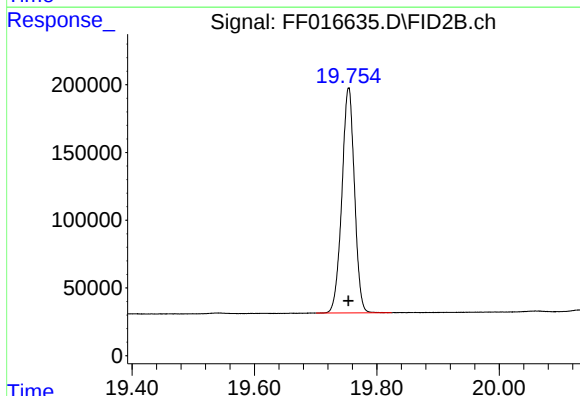
R.T.: 18.130 min
Delta R.T.: 0.000 min
Response: 2160479
Conc: 19.23 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170324BS



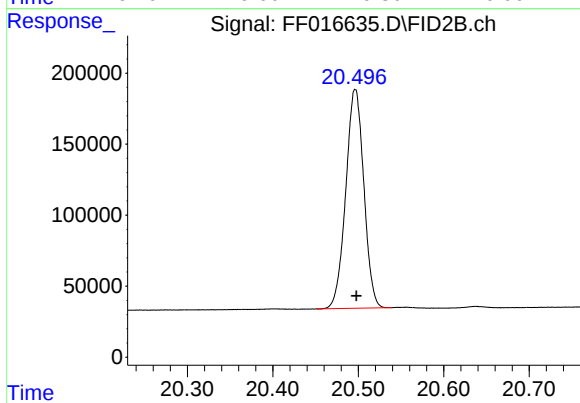
#14 N-DOTRIACONTANE

R.T.: 18.967 min
Delta R.T.: 0.000 min
Response: 2208427
Conc: 20.60 ug/ml



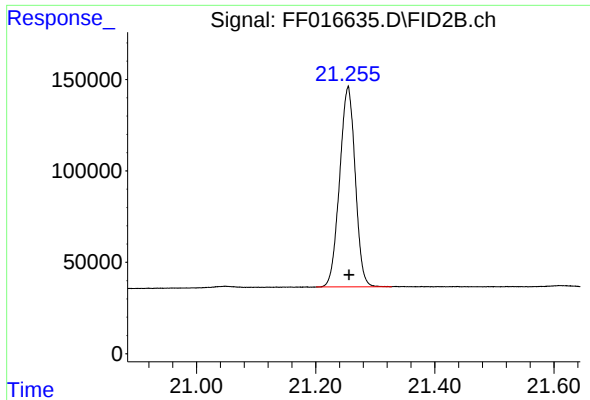
#15 N-TETRATRIACONTANE

R.T.: 19.754 min
Delta R.T.: 0.000 min
Response: 2373945
Conc: 24.16 ug/ml



#16 N-HEXATRIACONTANE

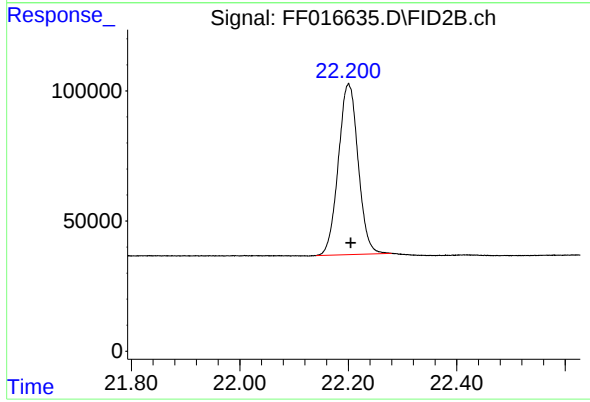
R.T.: 20.496 min
Delta R.T.: -0.001 min
Response: 2266182
Conc: 26.50 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.254 min
Delta R.T.: -0.002 min
Response: 1990960
Conc: 25.94 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170324BS



#18 N-TETRACONTANE

R.T.: 22.200 min
Delta R.T.: -0.004 min
Response: 1660480
Conc: 24.33 ug/ml